

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042619\
 Data File : BF114009.D
 Acq On : 26 Apr 2019 14:51
 Operator : JU/SJ
 Sample : PB119084BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119084BS

Quant Time: Apr 26 22:58:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	132978	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	506124	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	277319	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	556432	20.00	ng	0.00
76) Chrysene-d12	14.06	240	423686	20.00	ng	0.00
87) Perylene-d12	15.55	264	377912	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	978064	125.80	ng	0.02
7) Phenol-d6	6.53	99	1260516	129.22	ng	0.01
23) Nitrobenzene-d5	7.46	82	683263	83.35	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	438714	129.86	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1406067	79.30	ng	0.00
79) Terphenyl-d14	13.00	244	1687120	81.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	140538	38.346	ng	96
3) Pyridine	3.56	79	367981	36.784	ng	98
4) n-Nitrosodimethylamine	3.51	42	122851	35.875	ng	94
6) Aniline	6.56	93	395795	29.549	ng	100
8) 2-Chlorophenol	6.69	128	340438	38.352	ng	98
9) Benzaldehyde	6.45	77	264975	52.254	ng	93
10) Phenol	6.55	94	430696	36.925	ng	94
11) bis(2-Chloroethyl)ether	6.63	93	327745	37.340	ng	95
12) 1,3-Dichlorobenzene	6.84	146	386984	38.493	ng	99
13) 1,4-Dichlorobenzene	6.92	146	398571	39.417	ng	99
14) 1,2-Dichlorobenzene	7.07	146	368244	39.626	ng	98
15) Benzyl Alcohol	7.03	79	278320	42.365	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	372348	36.340	ng	92
17) 2-Methylphenol	7.15	107	303534	39.010	ng	98
18) Hexachloroethane	7.41	117	135176	38.135	ng	97
19) n-Nitroso-di-n-propylamine	7.31	70	241009	38.153	ng	98
20) 3+4-Methylphenols	7.30	107	365061	41.527	ng	# 79
22) Acetophenone	7.30	105	476660	42.321	ng	97
24) Nitrobenzene	7.47	77	372210	41.094	ng	99
25) Isophorone	7.72	82	659718	39.333	ng	99
26) 2-Nitrophenol	7.79	139	187945	45.484	ng	99
27) 2,4-Dimethylphenol	7.83	122	328540	48.801	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	422381	39.520	ng	99
29) 2,4-Dichlorophenol	8.03	162	321230	41.726	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	348963	40.653	ng	99
31) Naphthalene	8.20	128	1005855	41.834	ng	99
32) Benzoic acid	7.95	122	192384	42.316	ng	94
33) 4-Chloroaniline	8.24	127	245761	24.157	ng	99
34) Hexachlorobutadiene	8.32	225	210447	39.328	ng	99
35) Caprolactam	8.65	113	21058	8.599	ng	88
36) 4-Chloro-3-methylphenol	8.73	107	317378	41.612	ng	100
37) 2-Methylnaphthalene	8.89	142	690467	42.586	ng	98
38) 1-Methylnaphthalene	8.99	142	649949	41.533	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	351321	39.000	ng	98

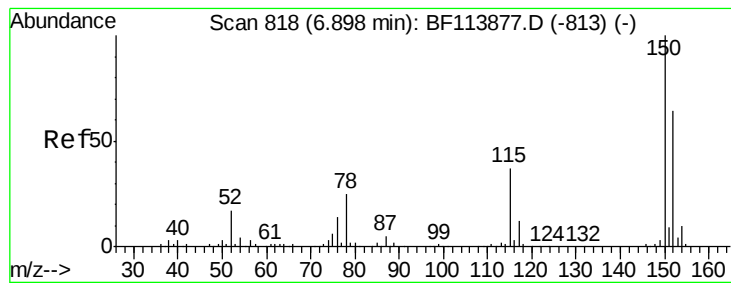
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042619\
 Data File : BF114009.D
 Acq On : 26 Apr 2019 14:51
 Operator : JU/SJ
 Sample : PB119084BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119084BS

Quant Time: Apr 26 22:58:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	441689	87.927	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	244821	42.800	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	261644	40.780	nq	98
46) 1,1'-Biphenyl	9.36	154	854443	40.332	nq	98
47) 2-Chloronaphthalene	9.38	162	700006	40.632	nq	98
48) 2-Nitroaniline	9.47	65	193595	42.866	nq	94
49) Acenaphthylene	9.80	152	1081053	40.082	nq	98
50) Dimethylphthalate	9.65	163	810697	40.421	nq	100
51) 2,6-Dinitrotoluene	9.71	165	187097	43.483	nq	95
52) Acenaphthene	9.97	154	710684	44.587	nq	97
53) 3-Nitroaniline	9.88	138	116936	25.862	nq	93
54) 2,4-Dinitrophenol	9.99	184	173755	91.949	nq	# 1
55) Dibenzofuran	10.14	168	975427	40.854	nq	98
56) 4-Nitrophenol	10.05	139	287428	80.287	nq	98
57) 2,4-Dinitrotoluene	10.12	165	250304	46.087	nq	98
58) Fluorene	10.49	166	736907	40.995	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	234230	41.542	nq	98
60) Diethylphthalate	10.35	149	772831	40.578	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	386525	40.602	nq	99
62) 4-Nitroaniline	10.49	138	181738	41.189	nq	99
63) Azobenzene	10.63	77	727648	39.420	nq	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	109595	43.737	nq	98
66) n-Nitrosodiphenylamine	10.59	169	672668	40.289	nq	98
67) 4-Bromophenyl-phenylether	10.96	248	254929	37.925	nq	96
68) Hexachlorobenzene	11.03	284	282532	38.249	nq	99
69) Atrazine	11.12	200	225556	41.529	nq	100
70) Pentachlorophenol	11.23	266	315120	75.347	nq	97
71) Phenanthrene	11.45	178	1112218	39.773	nq	100
72) Anthracene	11.50	178	1159906	41.075	nq	99
73) Carbazole	11.65	167	1021592	40.550	nq	99
74) Di-n-butylphthalate	11.97	149	1175750	39.674	nq	100
75) Fluoranthene	12.63	202	1200845	39.360	nq	98
77) Benzidine	12.74	184	609764	48.302	nq	99
78) Pyrene	12.86	202	1210233	40.846	nq	99
80) Butylbenzylphthalate	13.47	149	496732	42.611	nq	97
81) Benzo(a)anthracene	14.05	228	1055491	42.283	nq	99
82) 3,3'-Dichlorobenzidine	14.01	252	300061	32.795	nq	# 98
83) Chrysene	14.09	228	1045506	43.005	nq	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	671611	45.281	nq	100
85) Di-n-octyl phthalate	14.66	149	1104294	47.567	nq	98
86) Indeno(1,2,3-cd)pyrene	17.04	276	843333	36.621	nq	98
88) Benzo(b)fluoranthene	15.12	252	1015271	42.462	nq	99
89) Benzo(k)fluoranthene	15.15	252	874217	42.506	nq	97
90) Benzo(a)pyrene	15.49	252	867599	41.951	nq	99
91) Dibenzo(a,h)anthracene	17.06	278	709396	36.541	nq	100
92) Benzo(g,h,i)perylene	17.50	276	685280	34.978	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

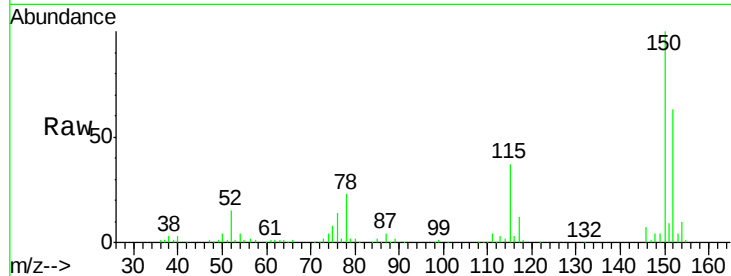


#1

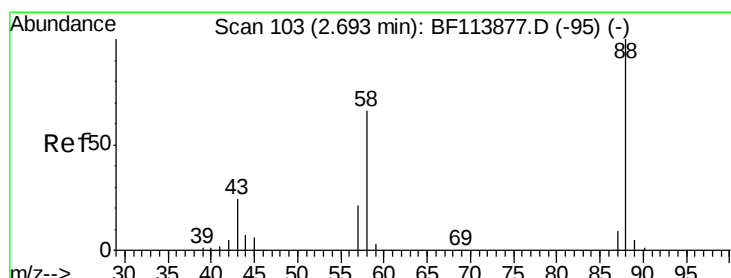
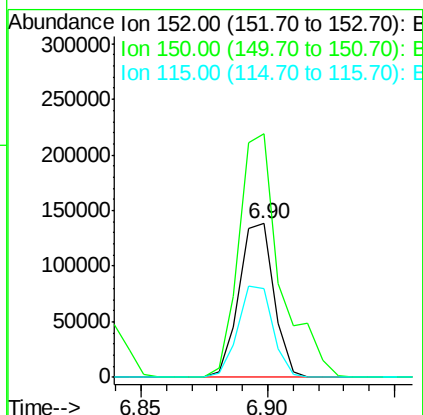
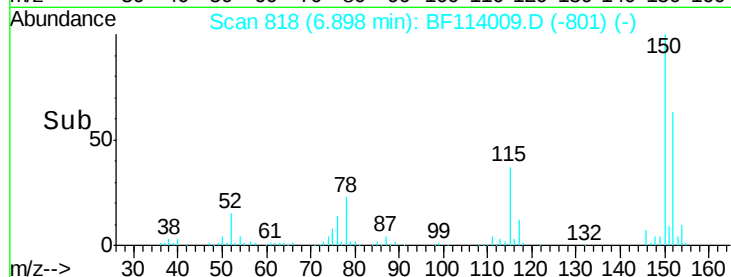
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

Tot Ion:152 Resp: 132978
Ion Ratio Lower Upper
152 100
150 158.5 125.9 188.9
115 57.9 45.9 68.9



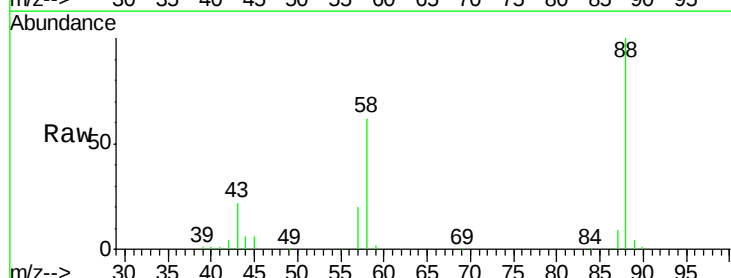
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



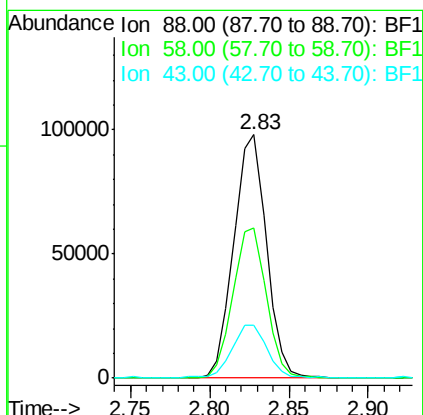
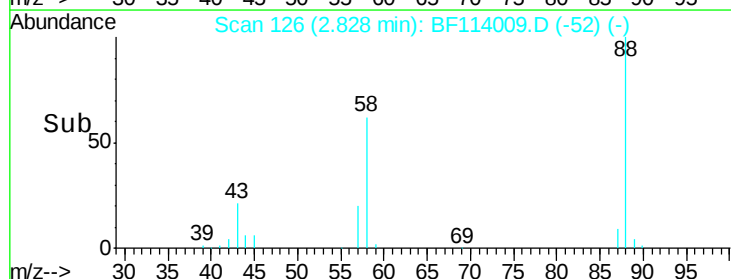
#2

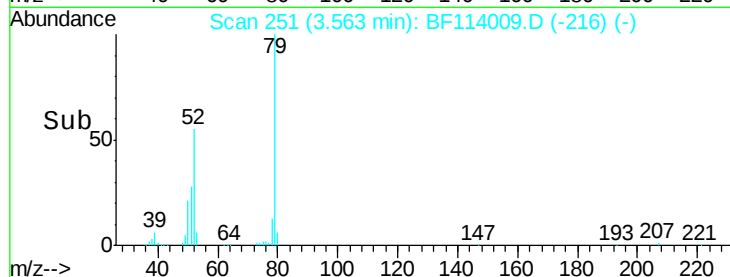
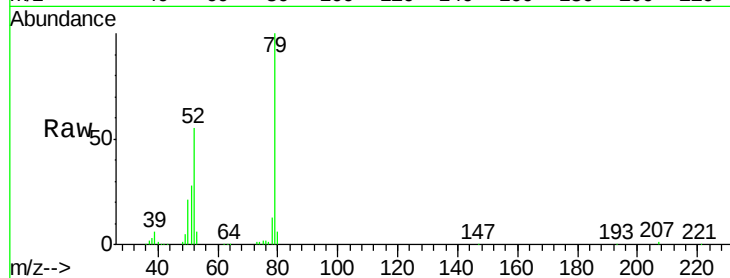
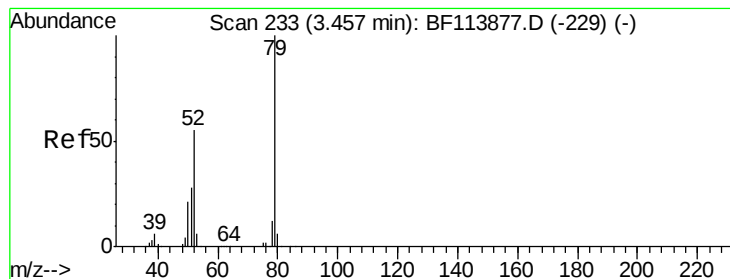
1,4-Dioxane
Concen: 38.346 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.14 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion: 88 Resp: 140538
Ion Ratio Lower Upper
88 100
58 63.0 53.3 79.9
43 22.6 19.0 28.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.784 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.11 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

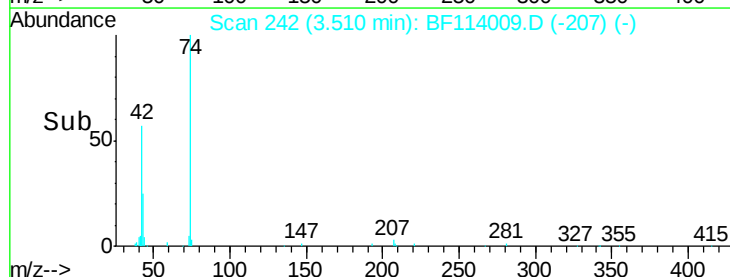
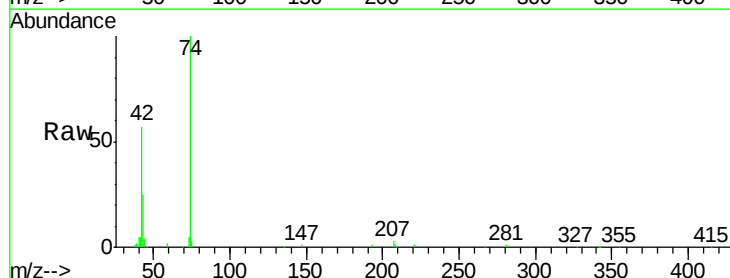
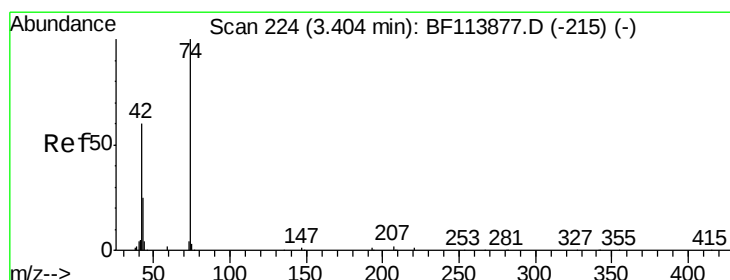
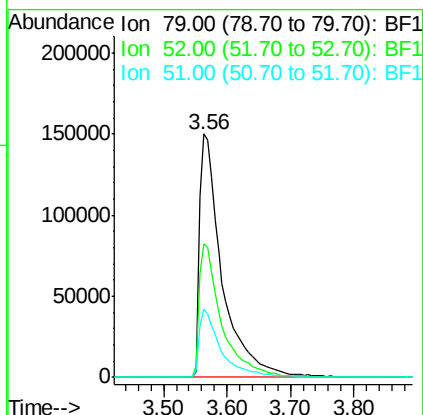
Tot Ion: 79 Resp: 367981

Ion Ratio Lower Upper

79 100

52 55.0 45.3 67.9

51 27.8 22.1 33.1



#4

n-Nitrosodimethylamine

Concen: 35.875 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.11 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

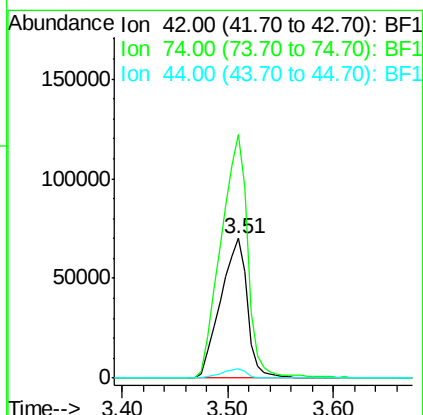
Tgt Ion: 42 Resp: 122851

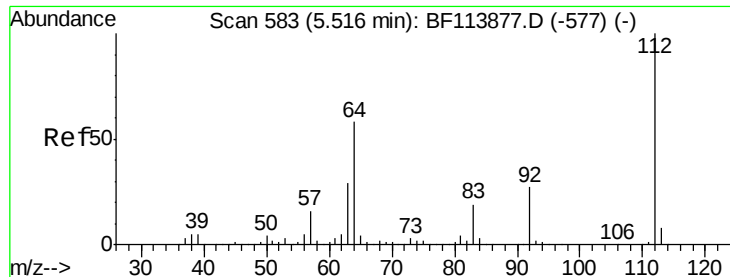
Ion Ratio Lower Upper

42 100

74 174.5 132.6 198.8

44 6.3 5.8 8.8





#5

2-Fluorophenol

Concen: 125.798 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

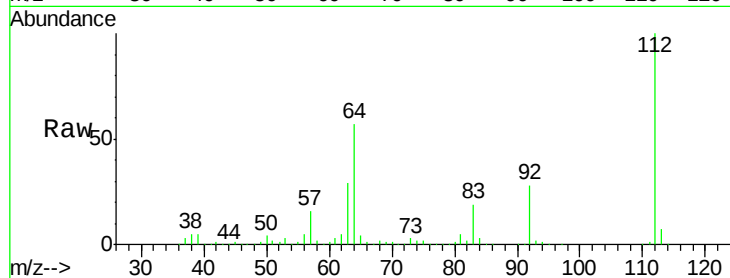
Tot Ion: 112 Resp: 978064

Ion Ratio Lower Upper

112 100

64 57.1 46.6 69.8

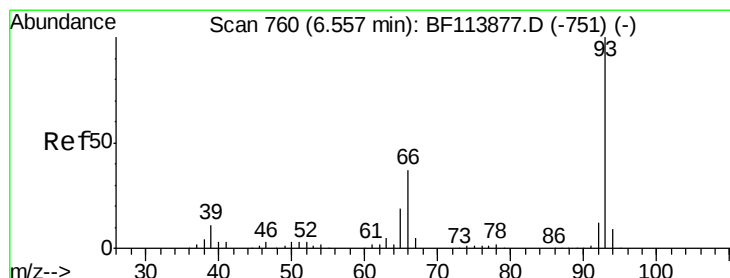
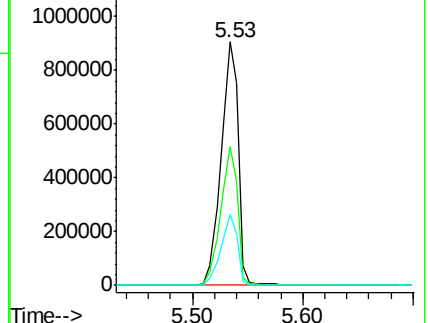
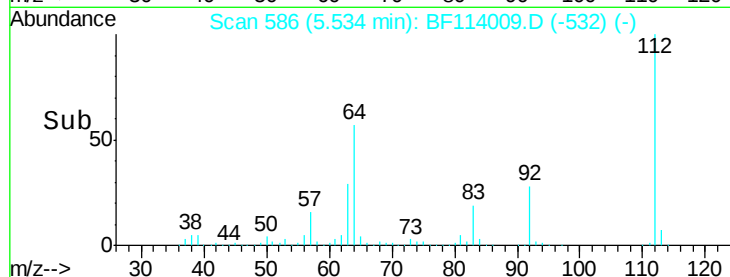
63 29.0 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.549 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

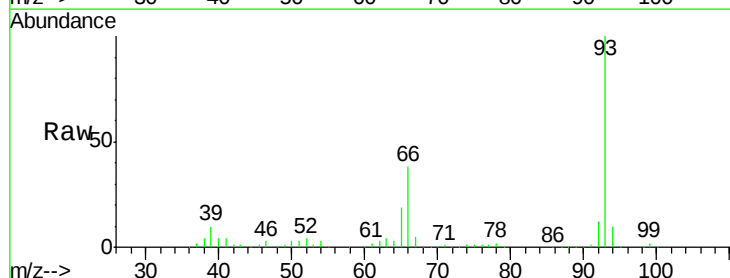
Tgt Ion: 93 Resp: 395795

Ion Ratio Lower Upper

93 100

66 37.6 29.8 44.6

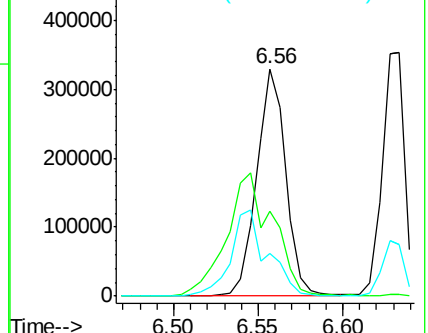
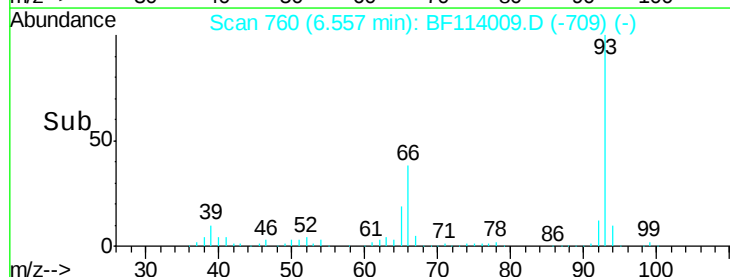
65 18.5 14.9 22.3

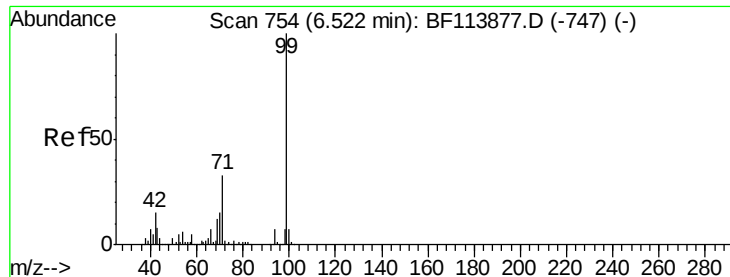


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.224 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

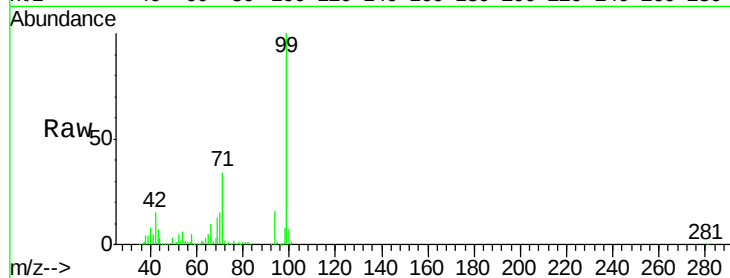
Tot Ion: 99 Resp: 1260516

Ion Ratio Lower Upper

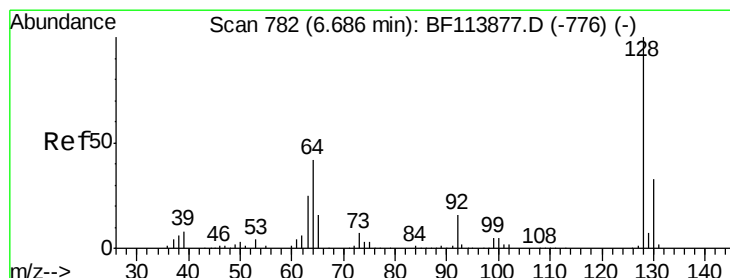
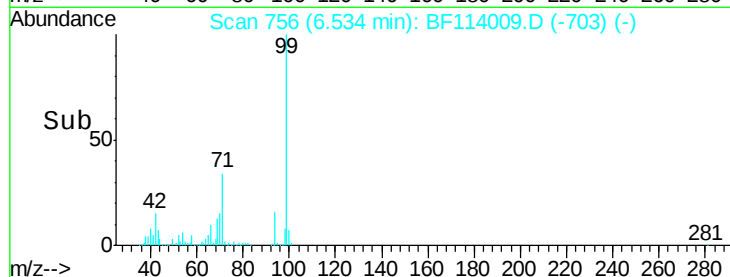
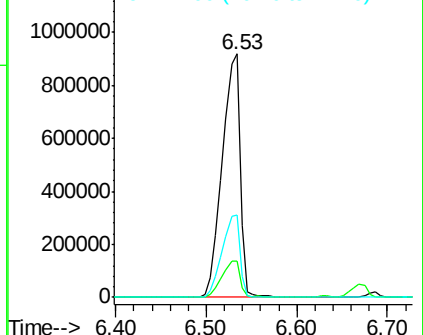
99 100

42 14.9 12.5 18.7

71 34.0 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.352 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

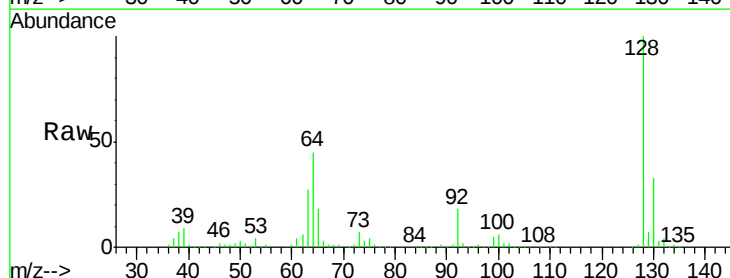
Tgt Ion: 128 Resp: 340438

Ion Ratio Lower Upper

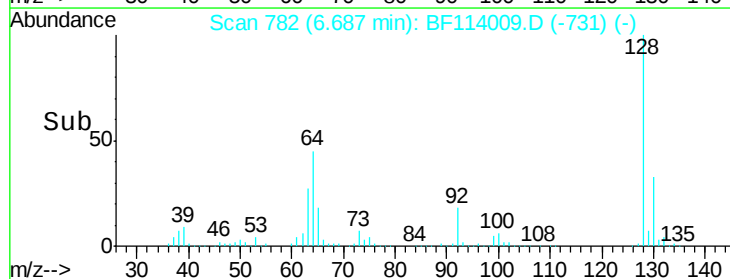
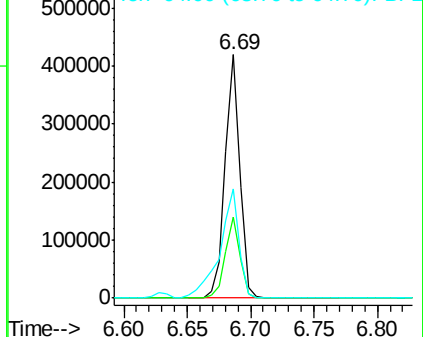
128 100

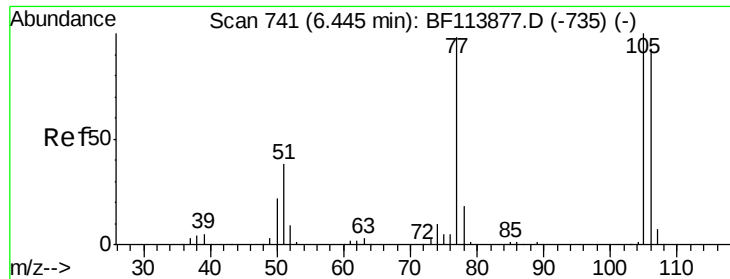
130 33.3 12.3 52.3

64 44.7 26.1 66.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 52.254 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

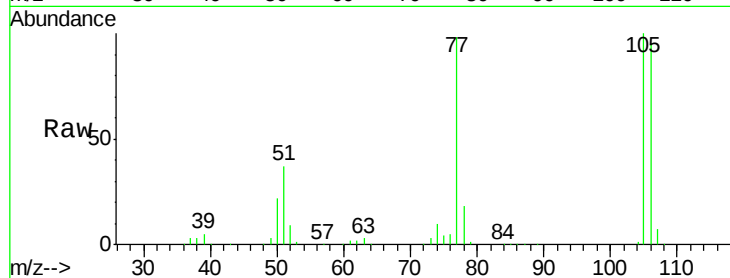
Tot Ion: 77 Resp: 264975

Ion Ratio Lower Upper

77 100

105 101.9 74.1 114.1

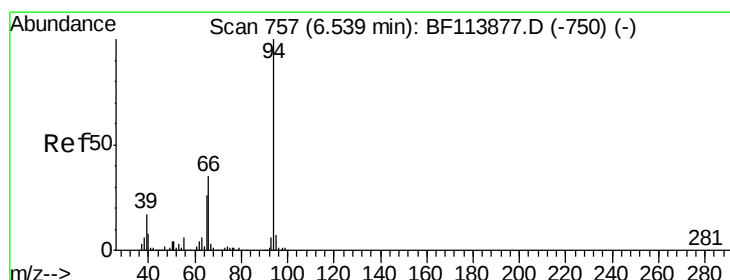
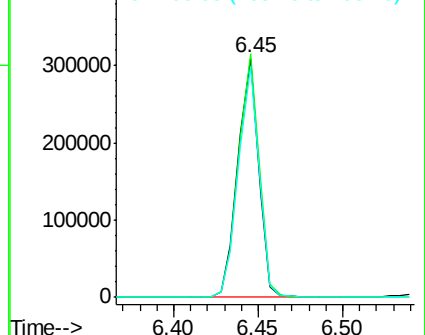
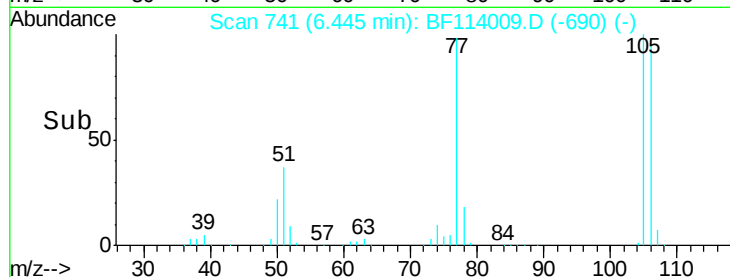
106 96.8 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.925 ng

RT: 6.55 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

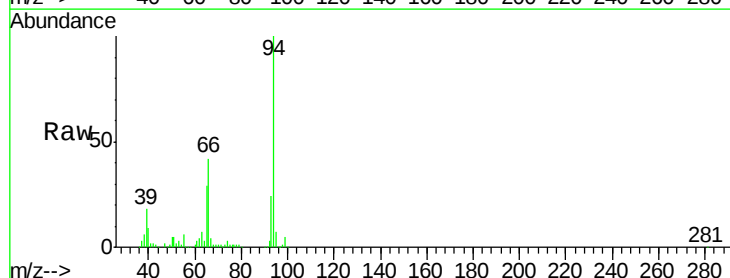
Tgt Ion: 94 Resp: 430696

Ion Ratio Lower Upper

94 100

65 29.1 8.1 48.1

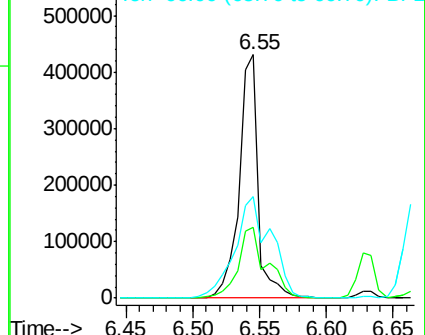
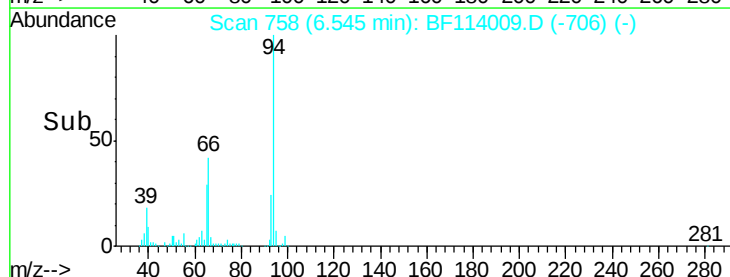
66 41.6 16.6 56.6

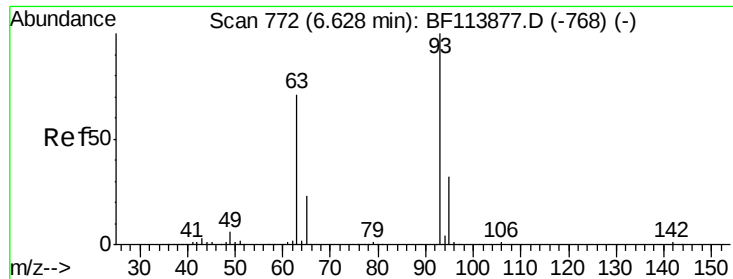


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

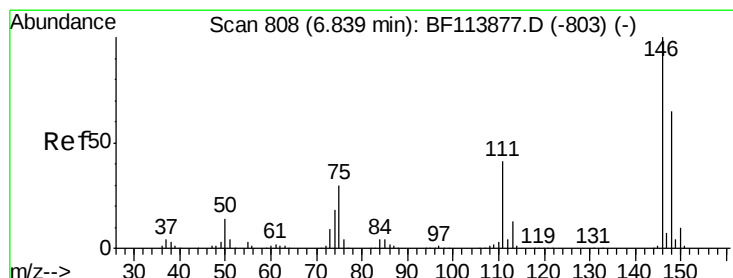
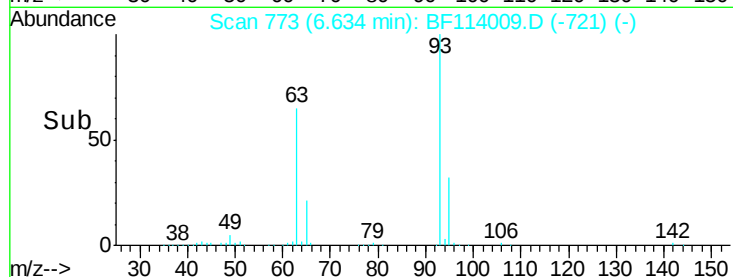
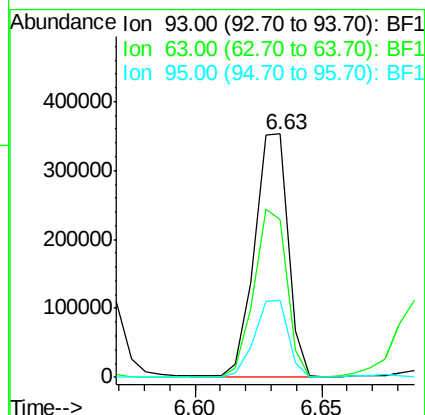
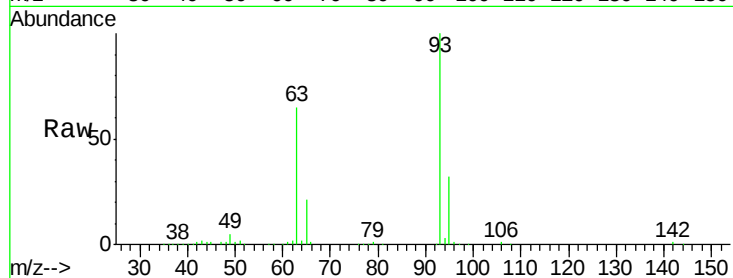




#11
bis(2-Chloroethyl)ether
Concen: 37.340 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

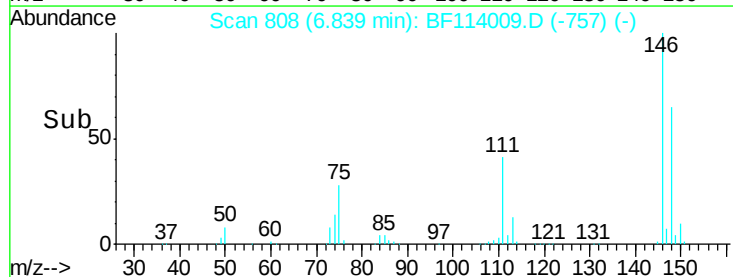
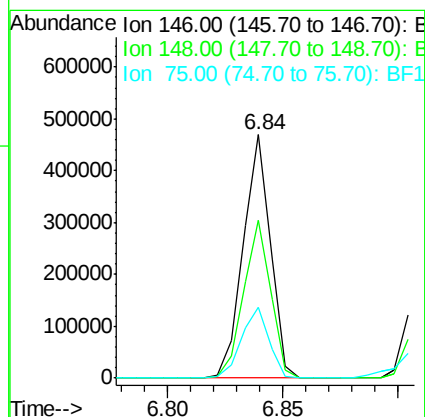
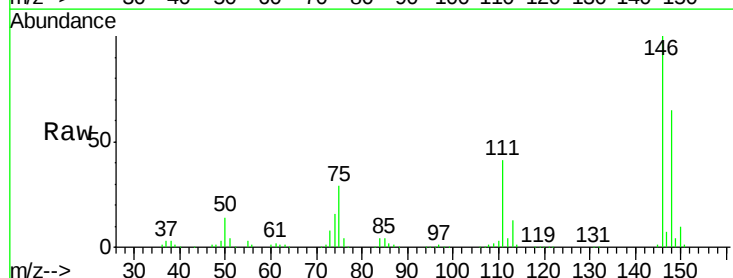
Instrument :
BNA_F
ClientSampleId :
PB119084BS

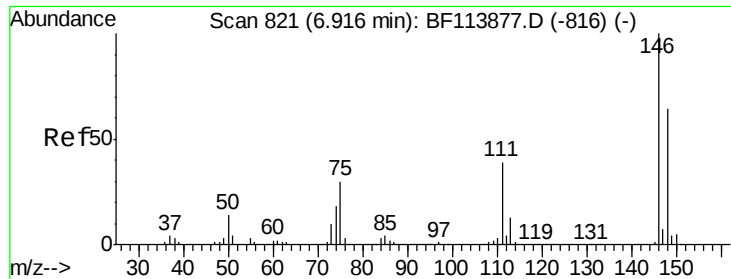
Tot Ion: 93 Resp: 327745
Ion Ratio Lower Upper
93 100
63 64.7 50.7 90.7
95 31.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.493 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion: 146 Resp: 386984
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.6
75 29.2 23.8 35.8

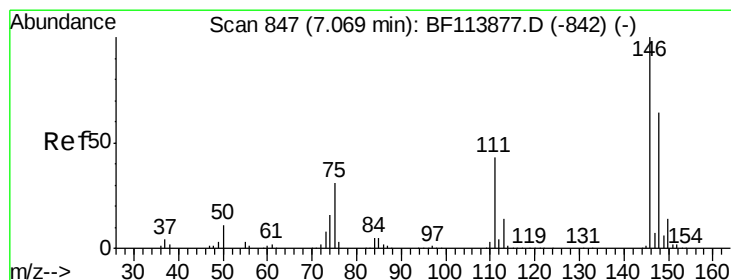
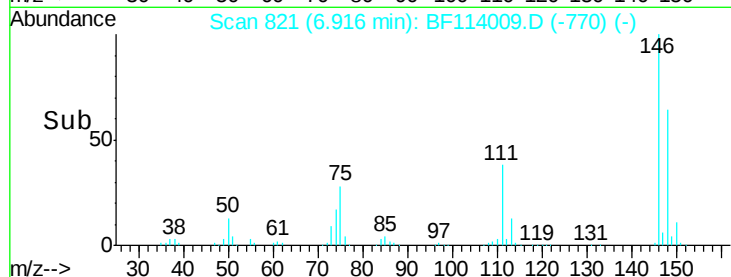
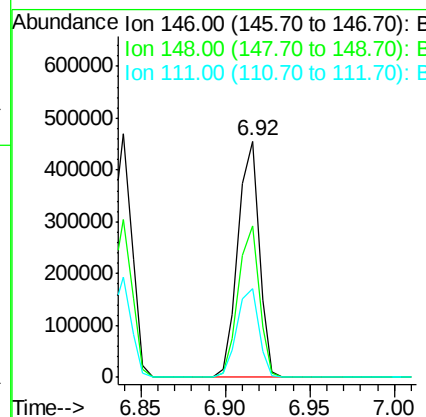
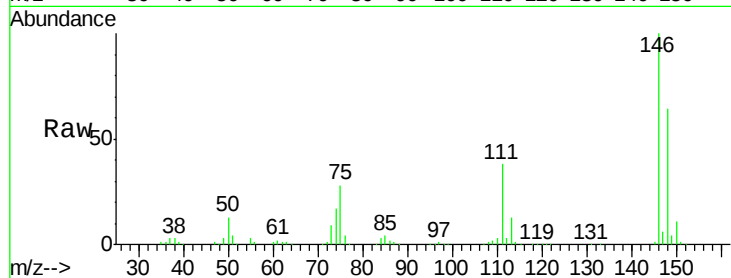




#13
 1,4-Dichlorobenzene
 Concen: 39.417 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

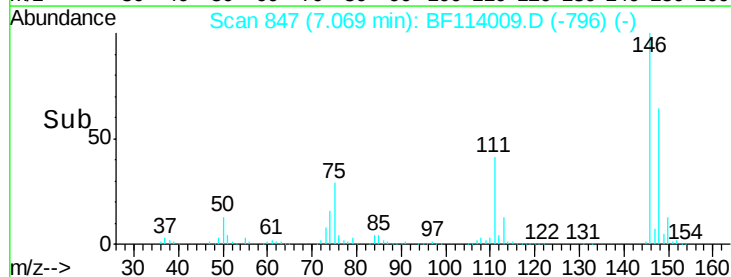
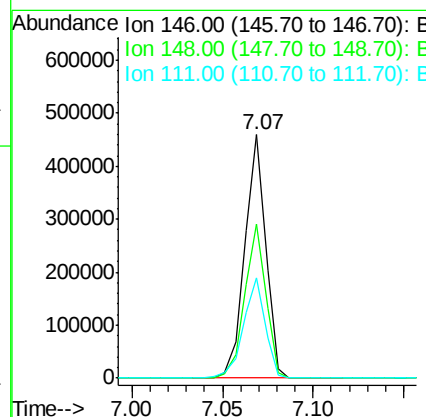
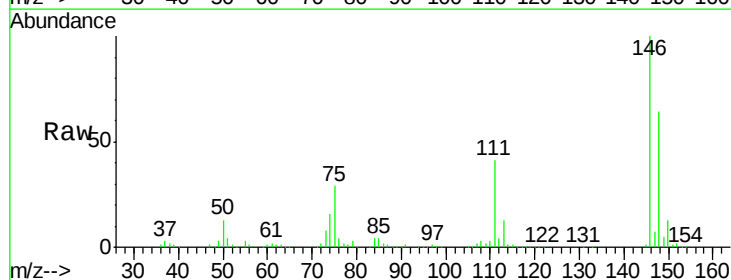
Instrument :
 BNA_F
 ClientSampleId :
 PB119084BS

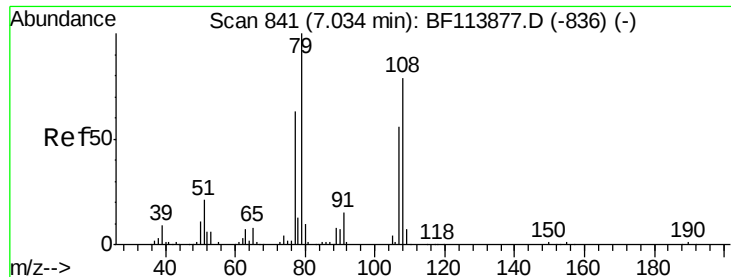
Tot Ion:146 Resp: 398571
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.8 77.8
 111 37.6 30.9 46.3



#14
 1,2-Dichlorobenzene
 Concen: 39.626 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Tgt Ion:146 Resp: 368244
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.1 78.1
 111 41.1 34.2 51.4





#15

Benzyl Alcohol

Concen: 42.365 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

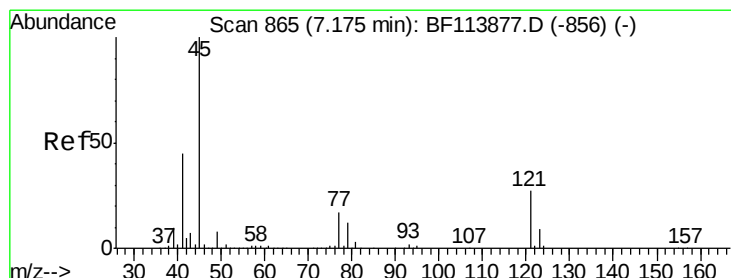
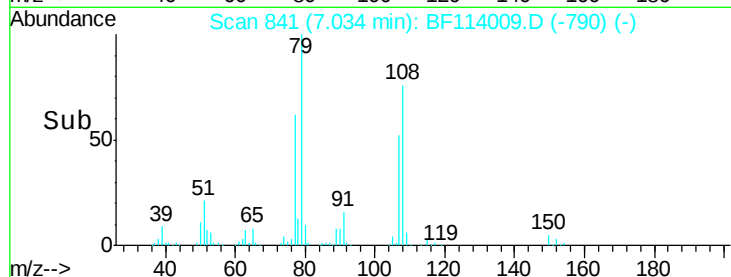
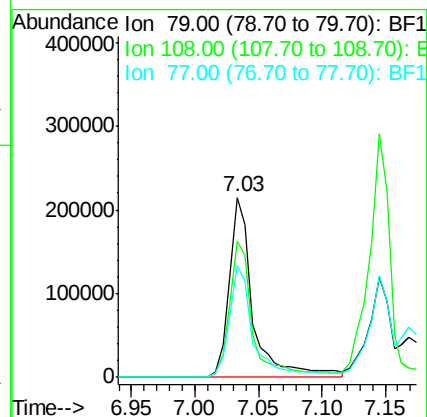
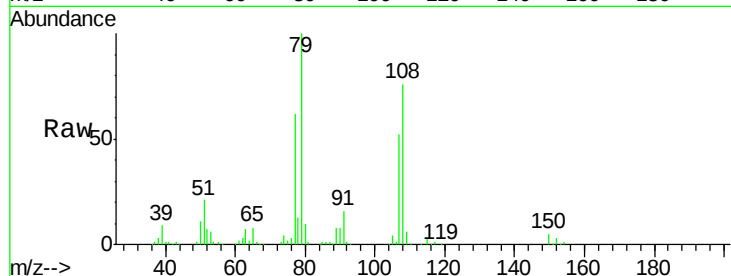
Tot Ion: 79 Resp: 278320

Ion Ratio Lower Upper

79 100

108 75.8 61.4 92.0

77 62.5 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.340 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

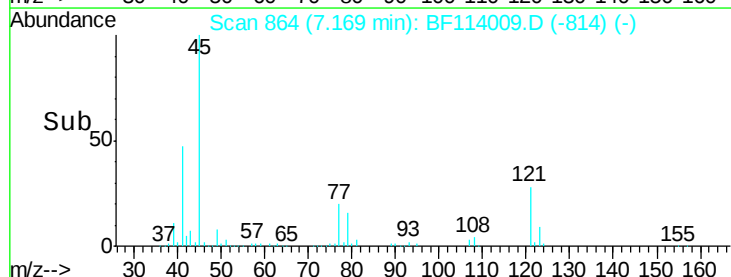
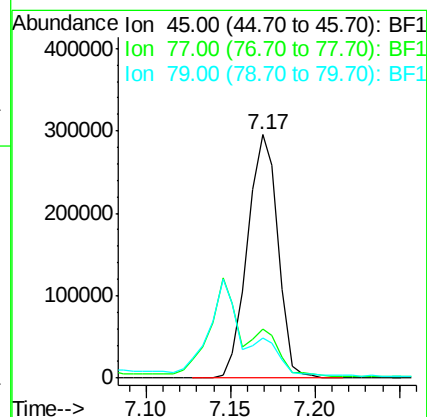
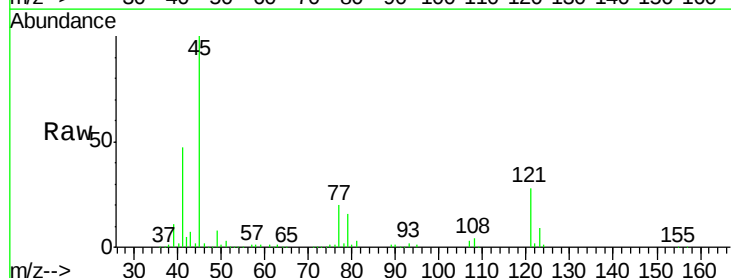
Tgt Ion: 45 Resp: 372348

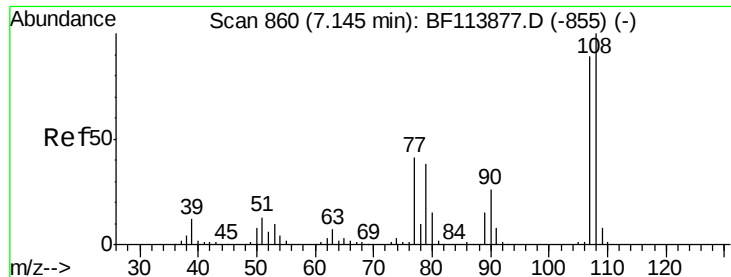
Ion Ratio Lower Upper

45 100

77 20.2 0.0 37.0

79 16.3 0.0 32.7

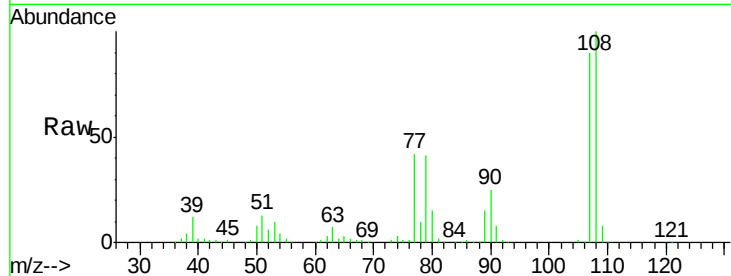




#17
2-Methylphenol
Concen: 39.010 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.7	91.5	137.3
77	46.7	36.2	54.4
79	46.1	35.4	53.0



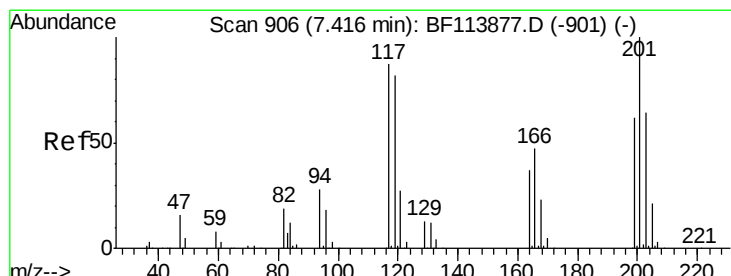
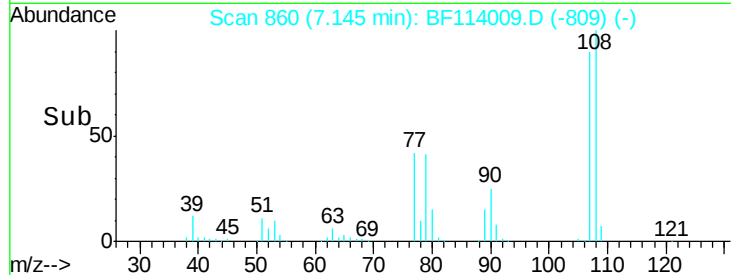
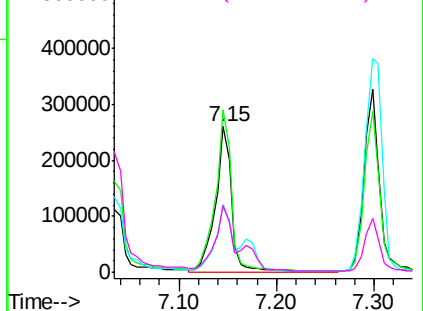
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

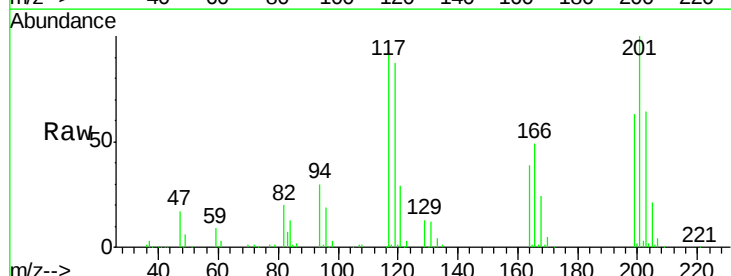
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.135 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	74.4	111.6
201	107.1	90.2	135.2

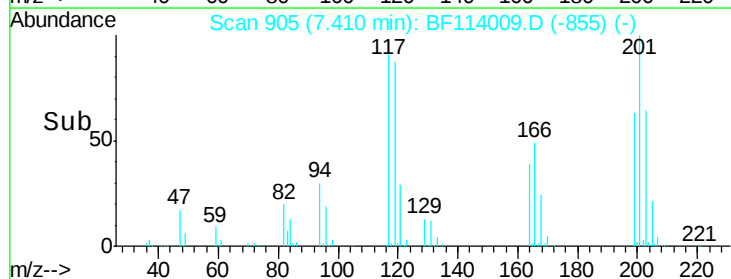
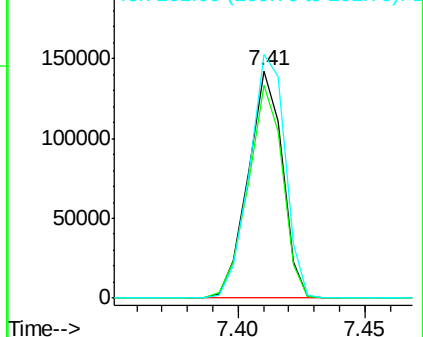


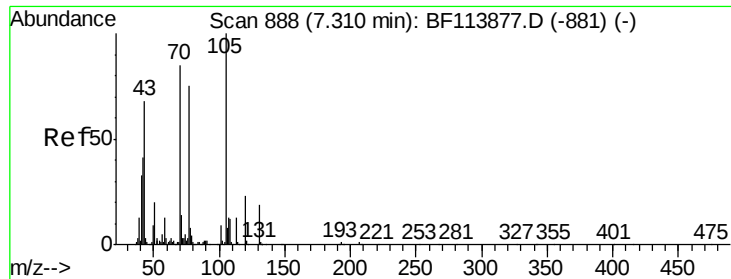
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

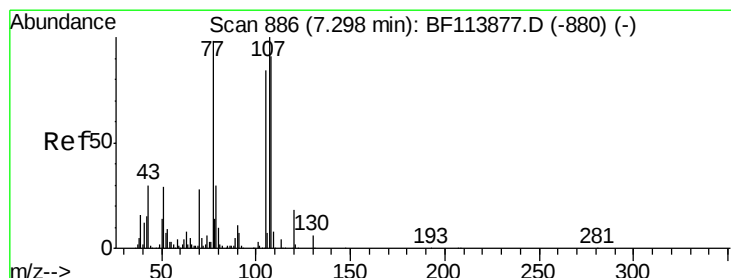
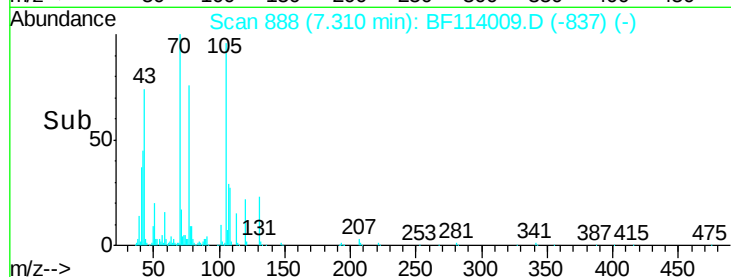
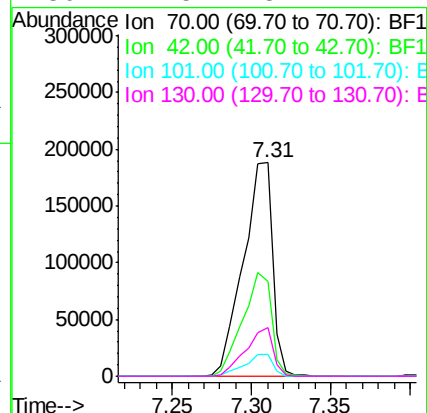
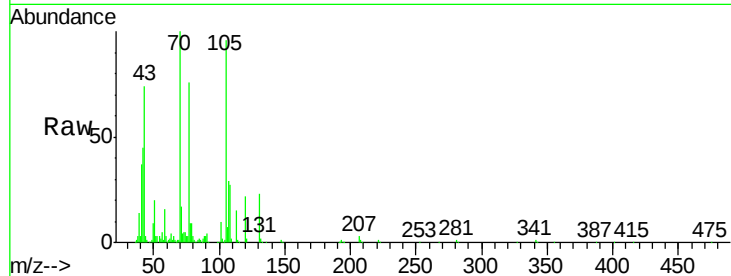




#19
n-Nitroso-di-n-propylamine
Concen: 38.153 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

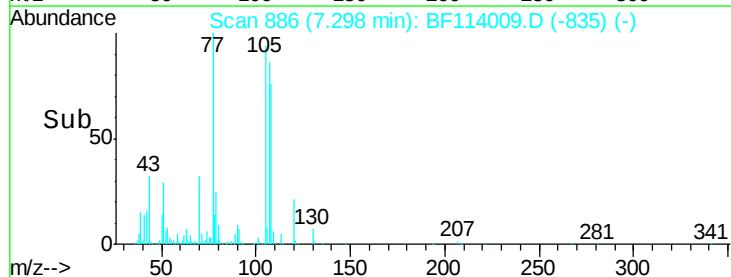
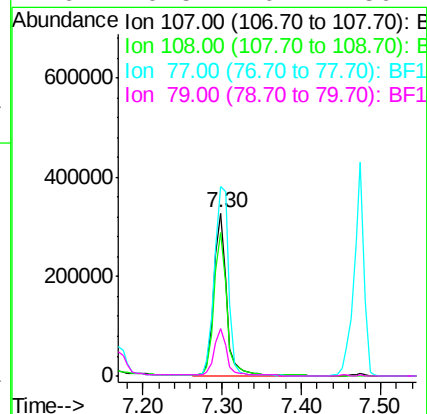
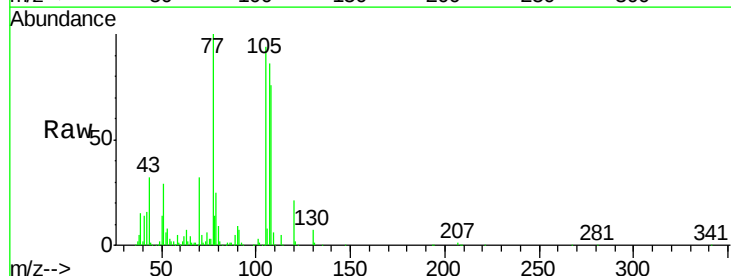
Instrument :
BNA_F
ClientSampleId :
PB119084BS

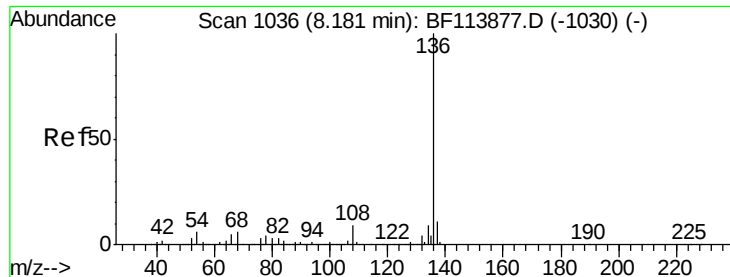
Tot Ion:	70	Resp:	241009
Ion	Ratio	Lower	Upper
70	100		
42	44.6	37.3	55.9
101	10.1	7.8	11.8
130	22.5	18.2	27.2



#20
3+4-Methylphenols
Concen: 41.527 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion:	107	Resp:	365061
Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.1	110.1
77	116.6	52.9	92.9
79	29.5	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

Tot Ion:136 Resp: 506124

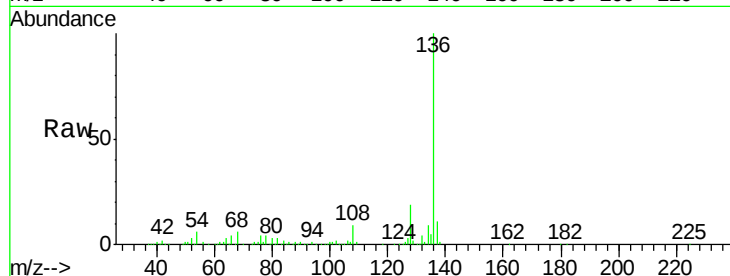
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 5.8 5.0 7.6

68 5.8 4.9 7.3

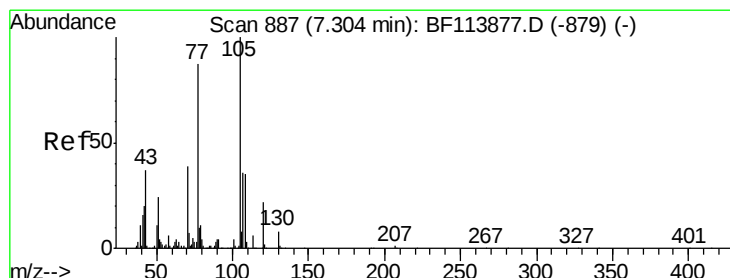
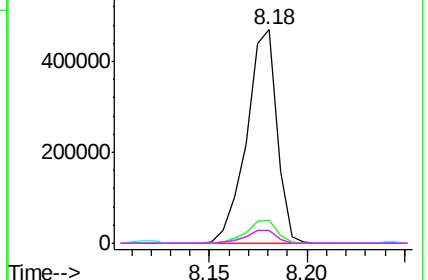
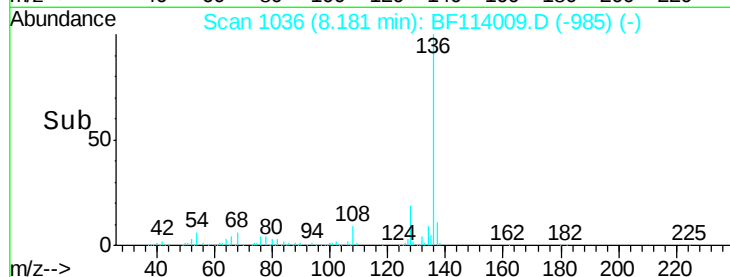


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.321 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Tgt Ion:105 Resp: 476660

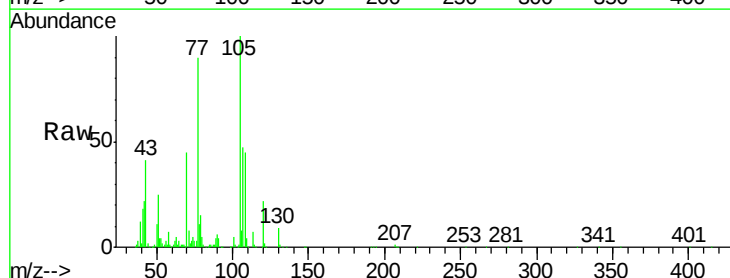
Ion Ratio Lower Upper

105 100

71 7.7 6.1 9.1

51 24.7 16.8 25.2

120 21.9 17.6 26.4

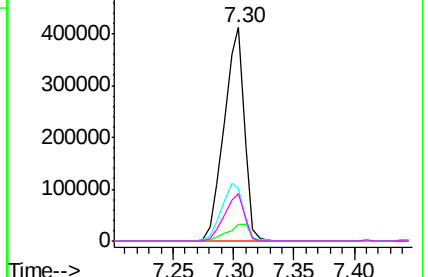
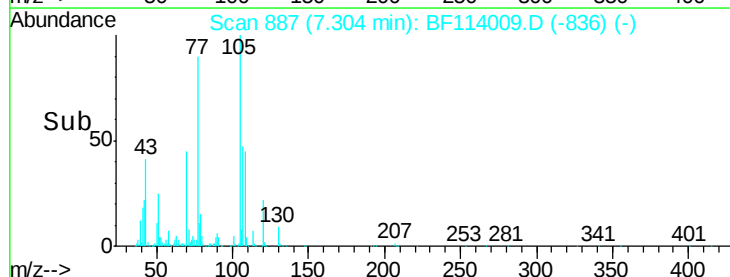


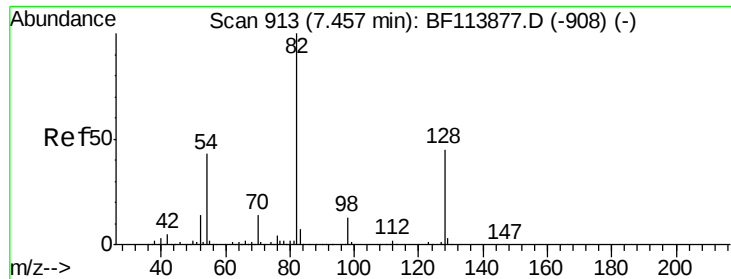
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

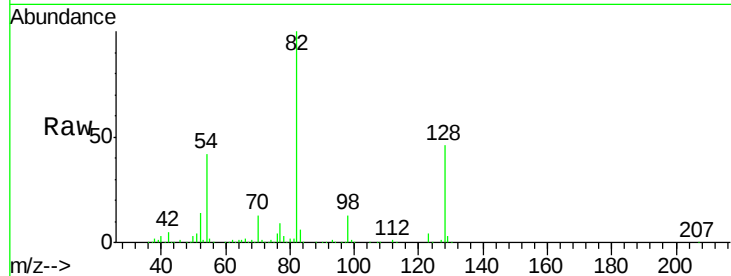




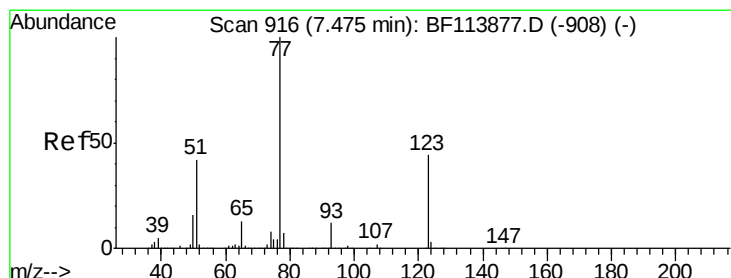
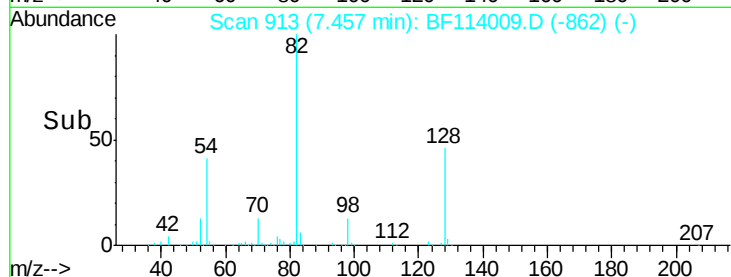
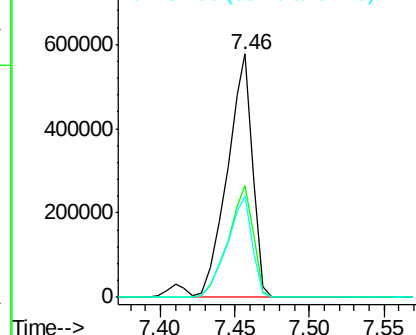
#23
 Nitrobenzene-d5
 Concen: 83.354 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB119084BS

Tot Ion	82	Resp	683263
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.8	55.2
54	41.7	33.8	50.6

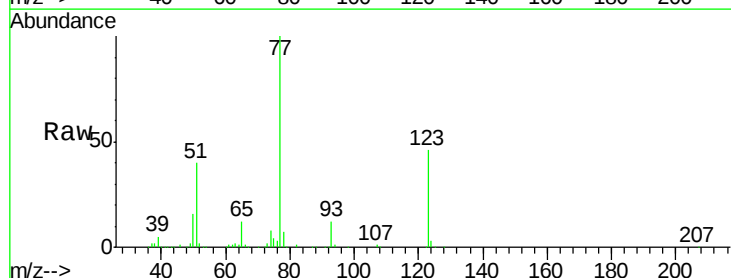


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

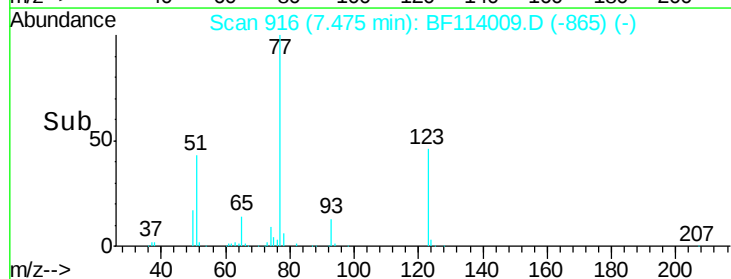
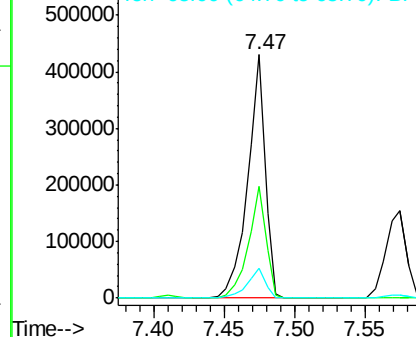


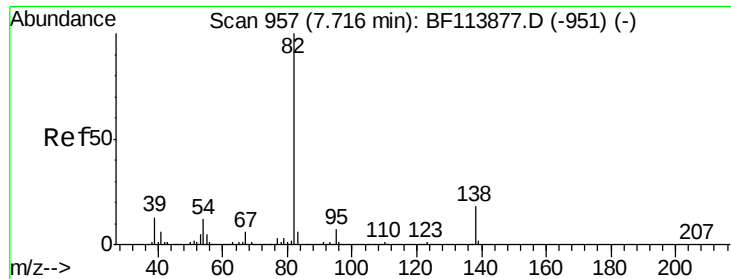
#24
 Nitrobenzene
 Concen: 41.094 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Tgt Ion	77	Resp	372210
Ion	Ratio	Lower	Upper
77	100		
123	46.0	36.3	54.5
65	12.4	10.3	15.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.333 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

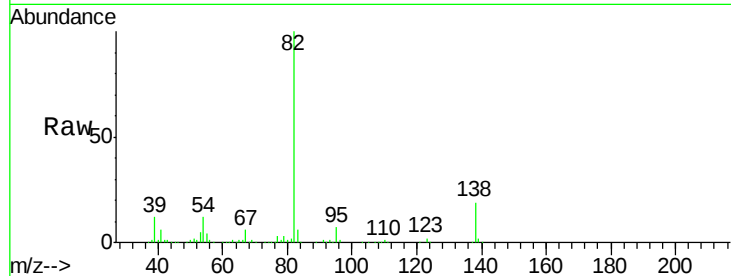
Tot Ion: 82 Resp: 659718

Ion Ratio Lower Upper

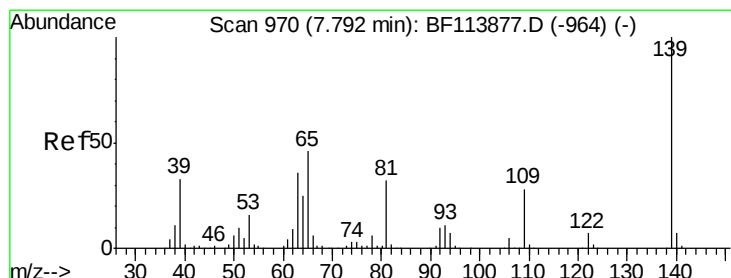
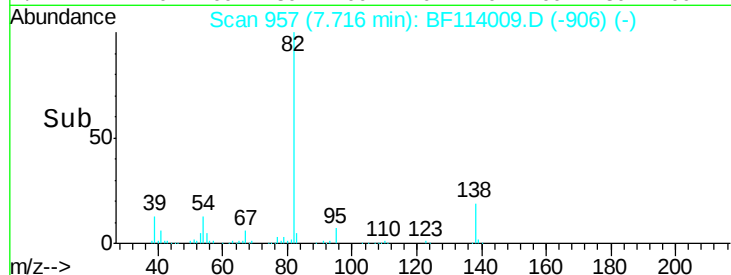
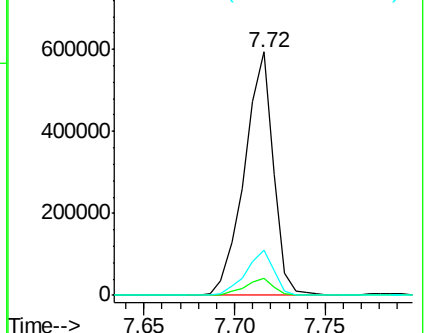
82 100

95 6.9 5.4 8.2

138 18.6 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.484 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

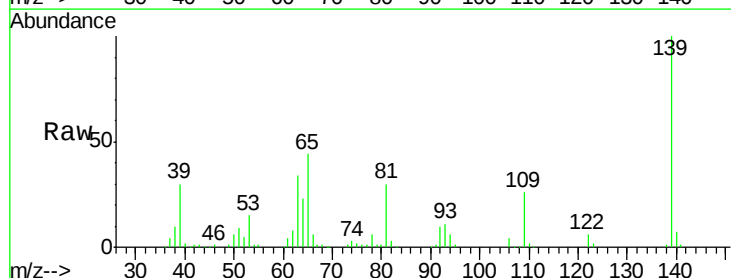
Tgt Ion: 139 Resp: 187945

Ion Ratio Lower Upper

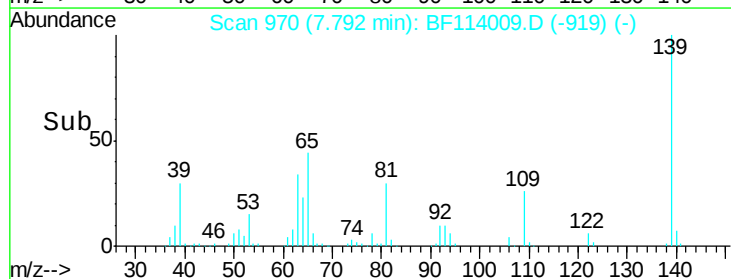
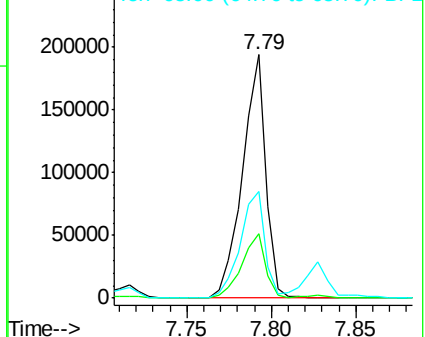
139 100

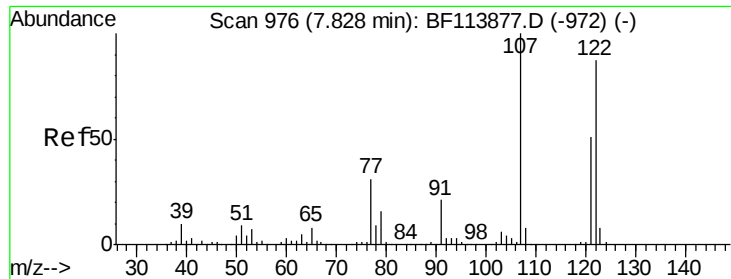
109 26.3 20.6 31.0

65 43.7 34.6 52.0



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

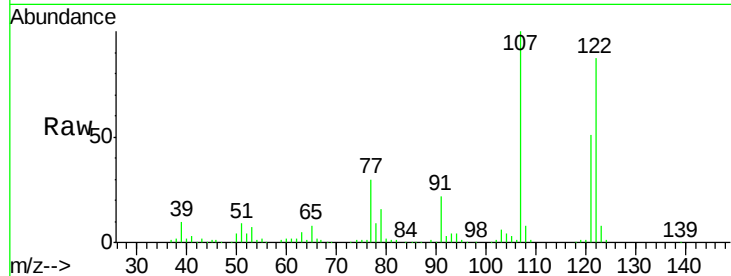




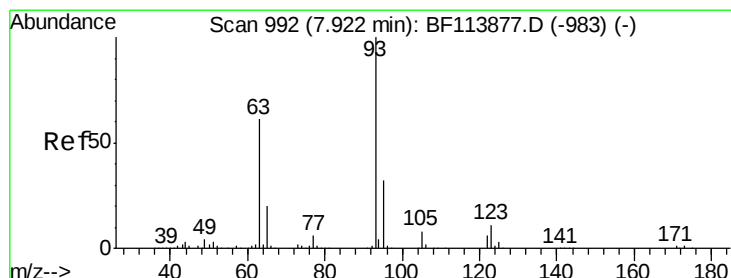
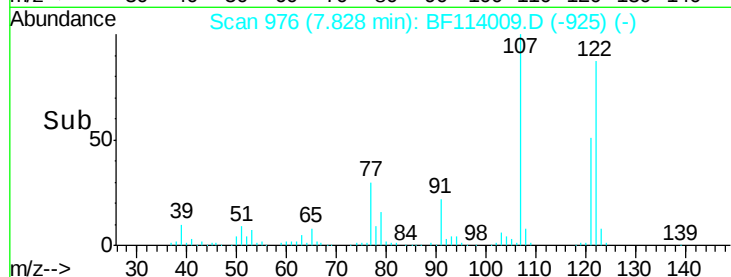
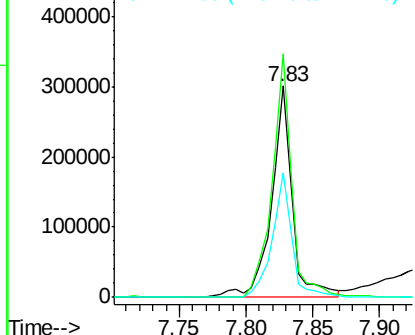
#27
 2,4-Dimethylphenol
 Concen: 48.801 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB119084BS

Tot Ion:122 Resp: 328540
 Ion Ratio Lower Upper
 122 100
 107 115.3 91.2 136.8
 121 59.0 46.4 69.6

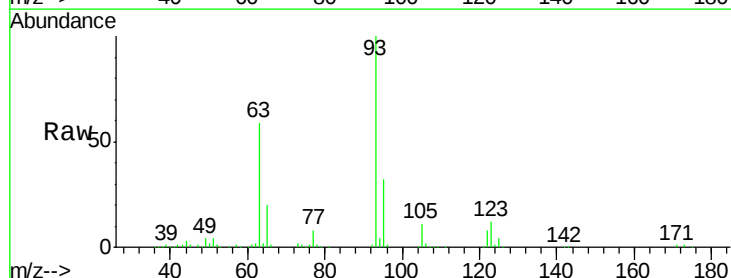


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

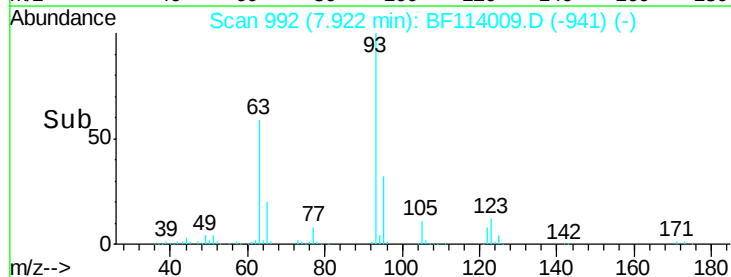
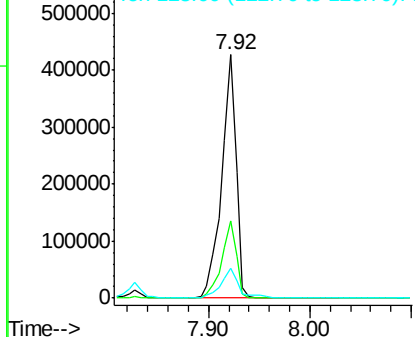


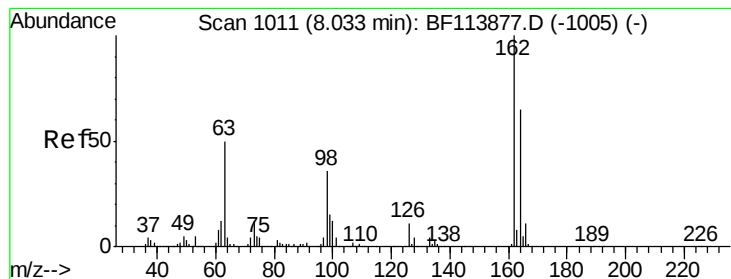
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.520 ng
 RT: 7.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Tgt Ion: 93 Resp: 422381
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.8 38.6
 123 12.0 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.726 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

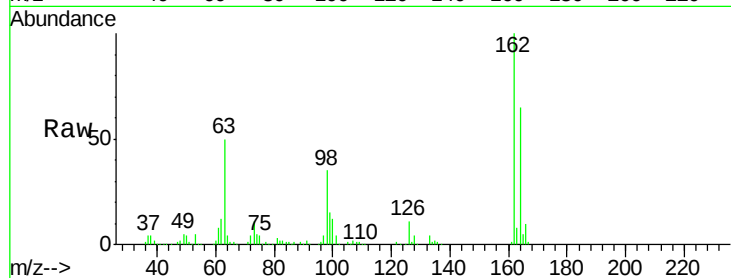
Tot Ion:162 Resp: 321230

Ion Ratio Lower Upper

162 100

164 65.0 43.7 83.7

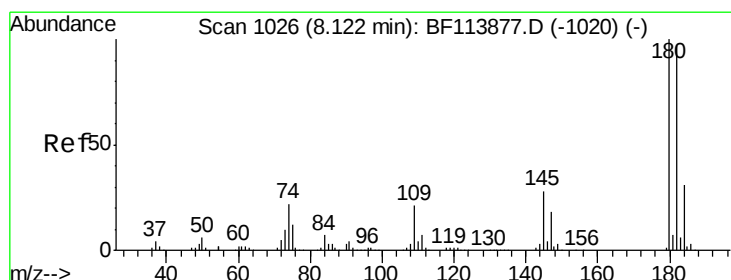
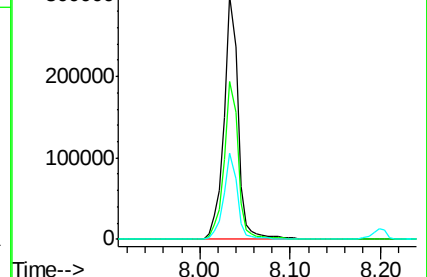
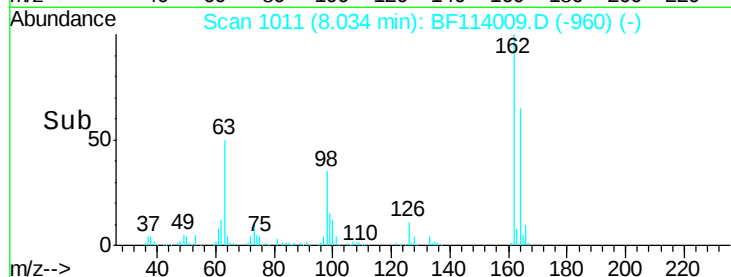
98 35.2 15.5 55.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.653 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

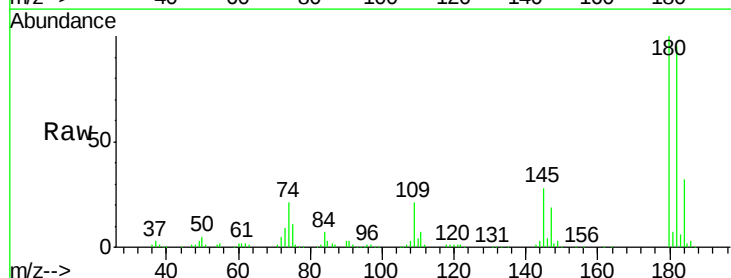
Tgt Ion:180 Resp: 348963

Ion Ratio Lower Upper

180 100

182 95.3 75.4 113.0

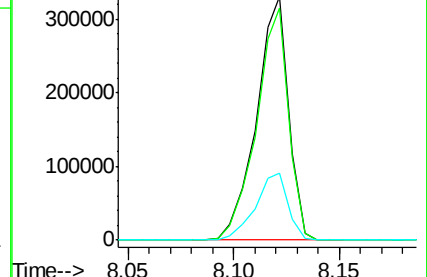
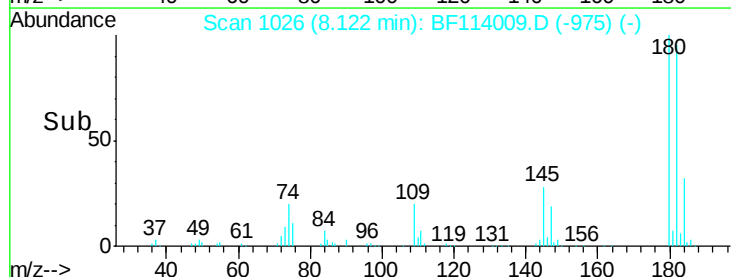
145 27.7 23.0 34.4

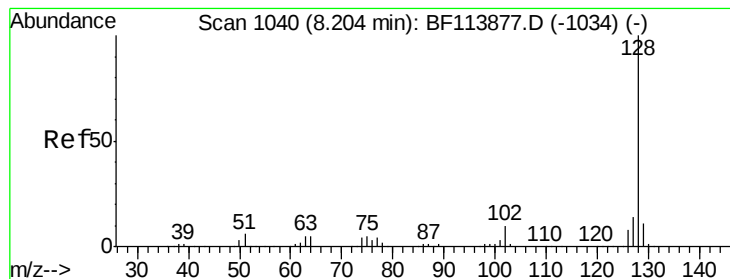


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.834 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

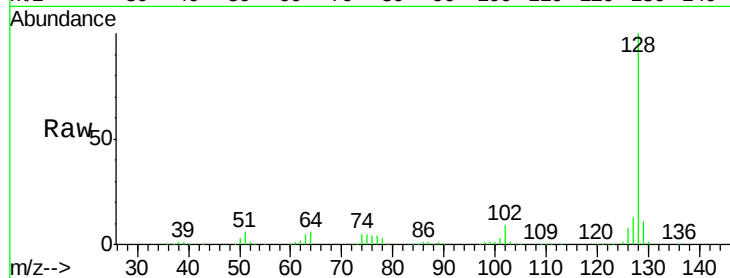
Tot Ion:128 Resp: 1005855

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.0

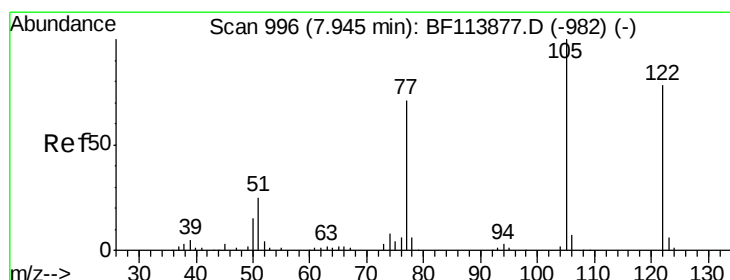
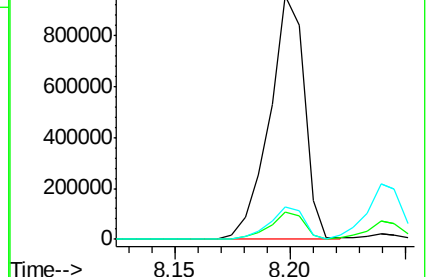
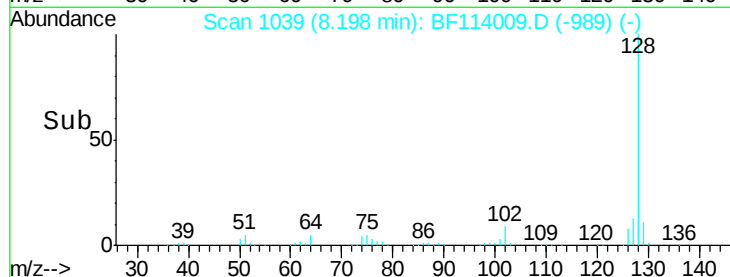
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.316 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

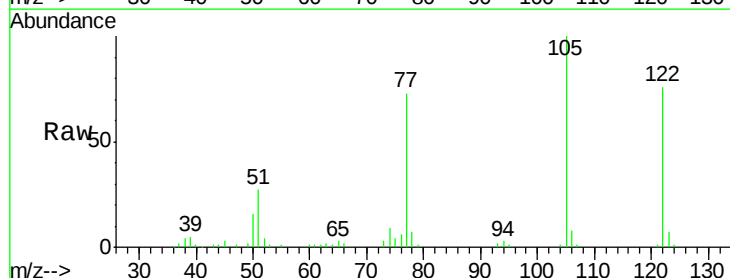
Tgt Ion:122 Resp: 192384

Ion Ratio Lower Upper

122 100

105 131.3 104.3 144.3

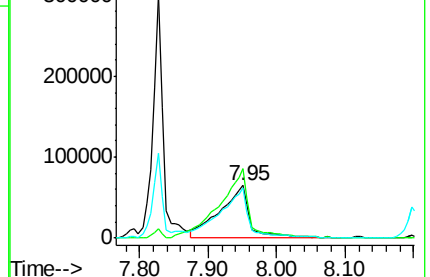
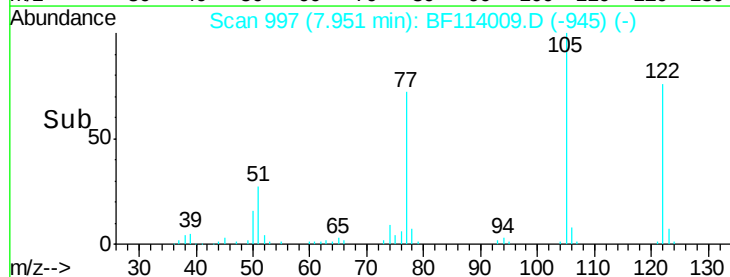
77 95.9 70.4 110.4

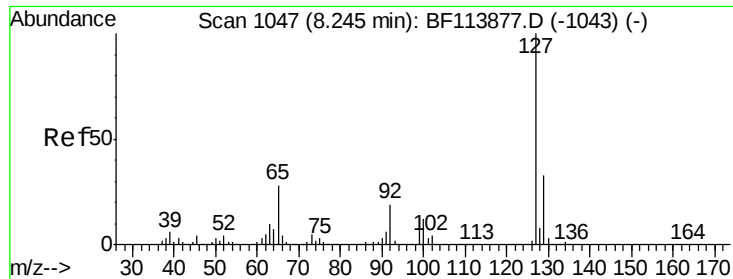


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

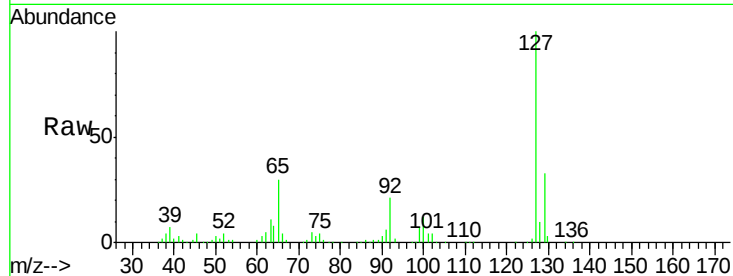




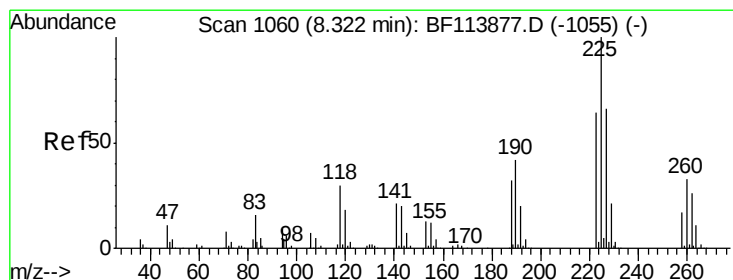
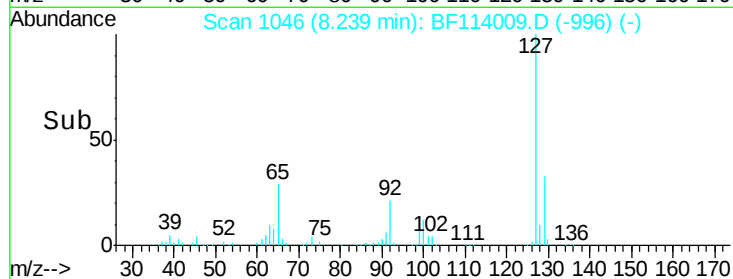
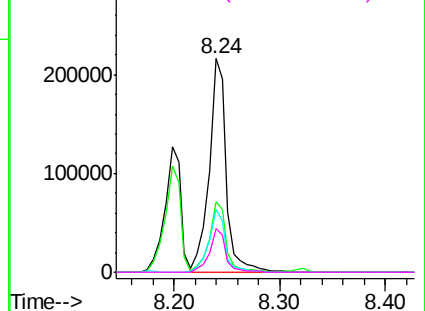
#33
4-Chloroaniline
Concen: 24.157 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

Tot Ion:	127	Resp:	245761
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.4	39.6
65	29.7	24.9	37.3
92	20.5	15.9	23.9

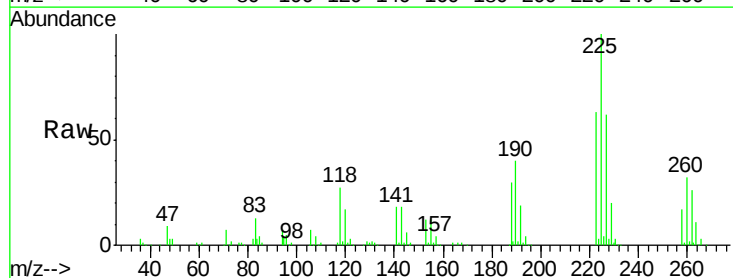


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

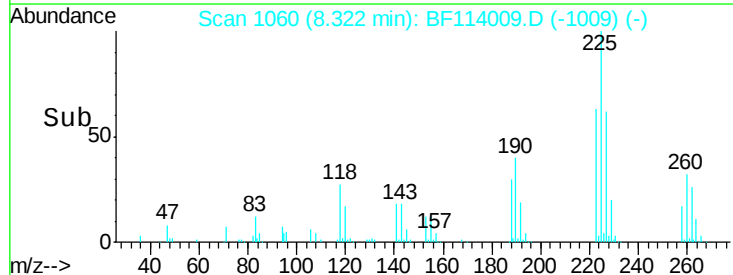
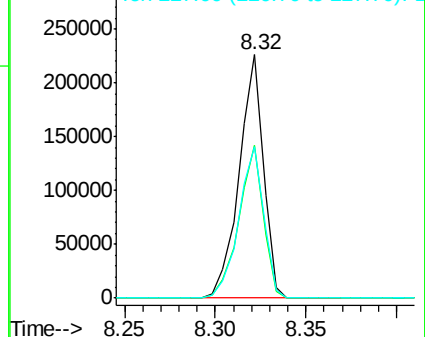


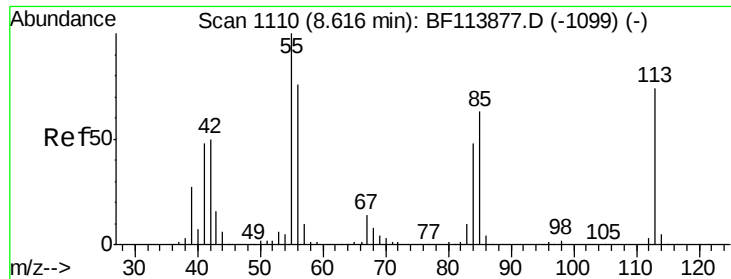
#34
Hexachlorobutadiene
Concen: 39.328 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion:	225	Resp:	210447
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.1	76.7
227	62.4	49.9	74.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

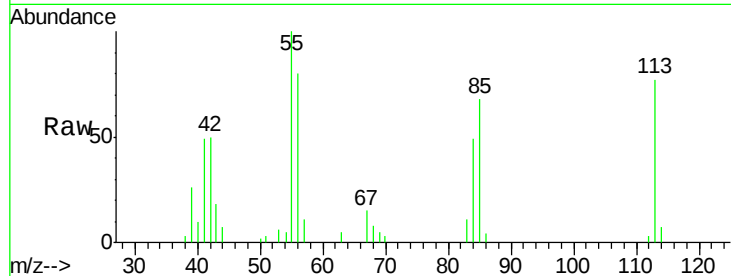




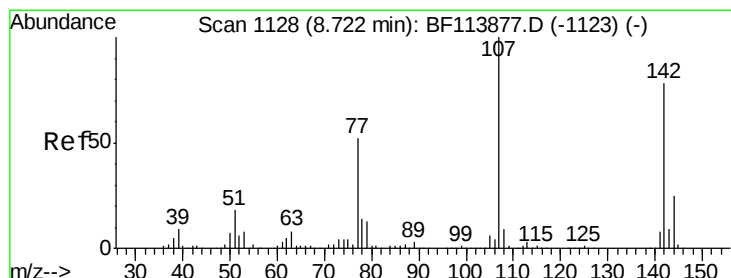
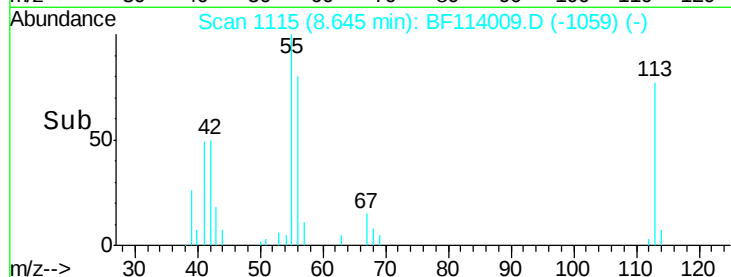
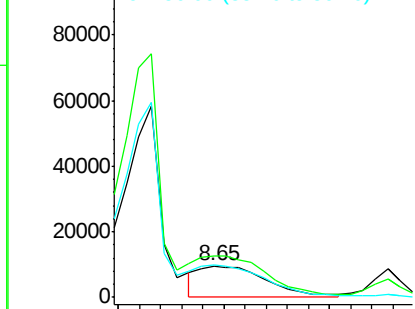
#35
 Caprolactam
 Concen: 8.599 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.03 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Instrument :
 BNA_F
 ClientSampleID :
 PB119084BS

Tot Ion:113 Resp: 21058
 Ion Ratio Lower Upper
 113 100
 55 130.0 128.6 168.6
 56 103.9 91.9 131.9

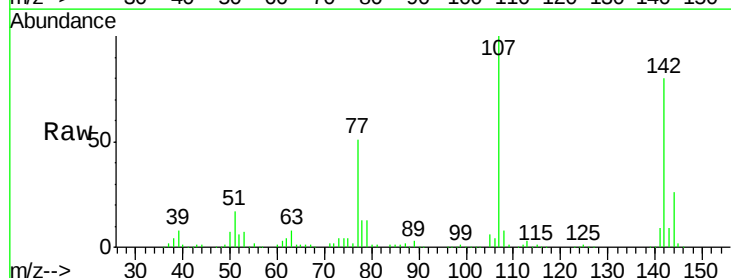


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

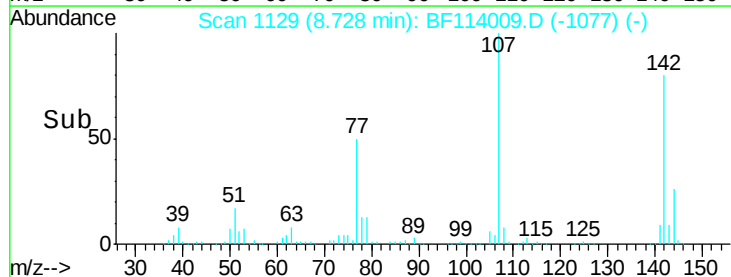
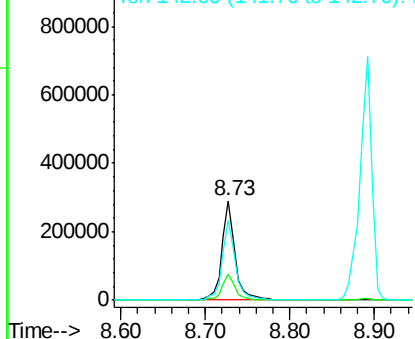


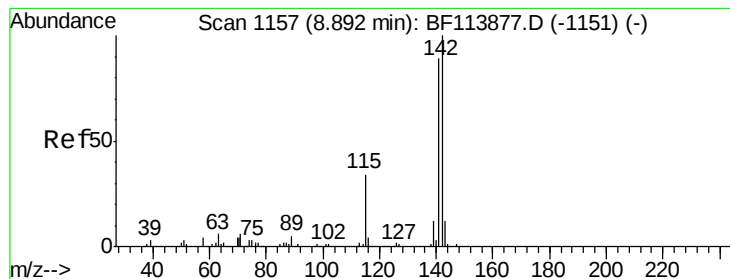
#36
 4-Chloro-3-methylphenol
 Concen: 41.612 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Tgt Ion:107 Resp: 317378
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 80.4 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.586 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

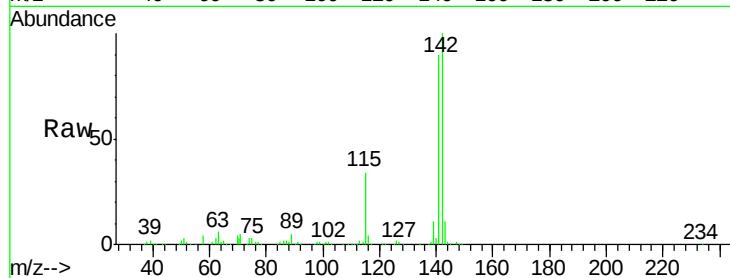
Tot Ion:142 Resp: 690467

Ion Ratio Lower Upper

142 100

141 90.1 70.4 105.6

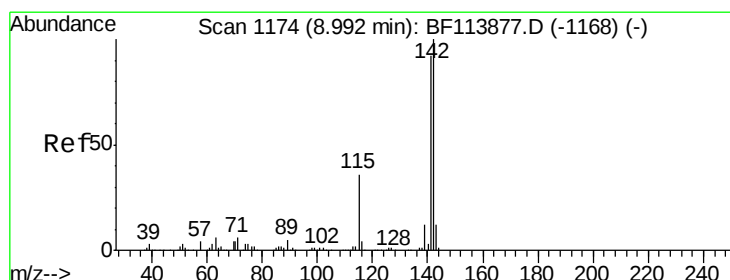
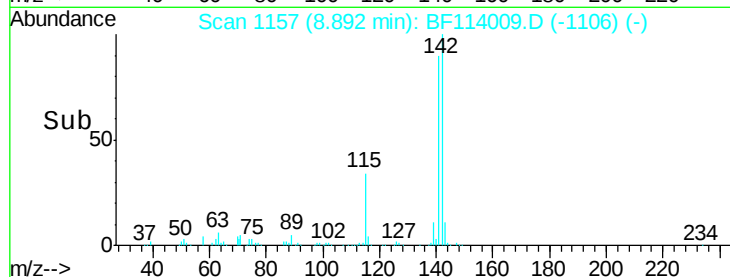
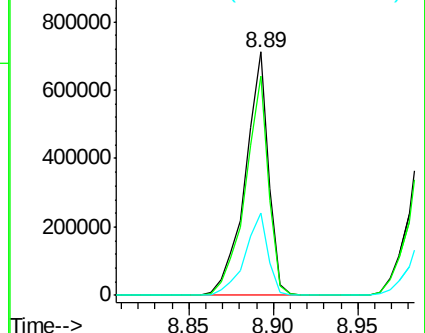
115 34.0 26.3 39.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.533 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

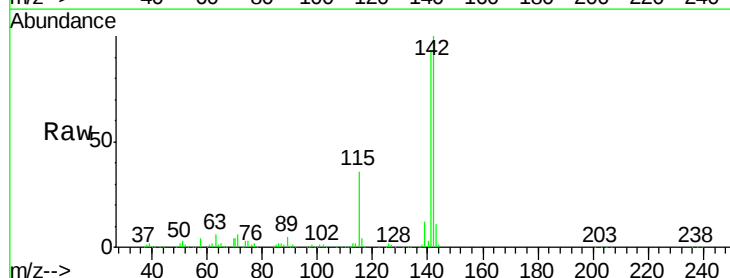
Tgt Ion:142 Resp: 649949

Ion Ratio Lower Upper

142 100

141 93.4 72.3 108.5

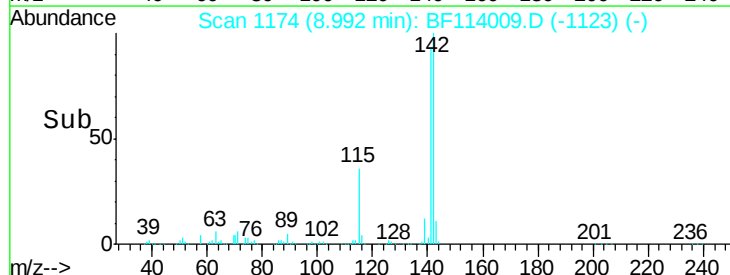
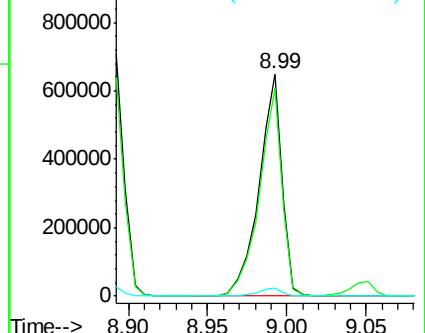
116 3.6 3.0 4.4

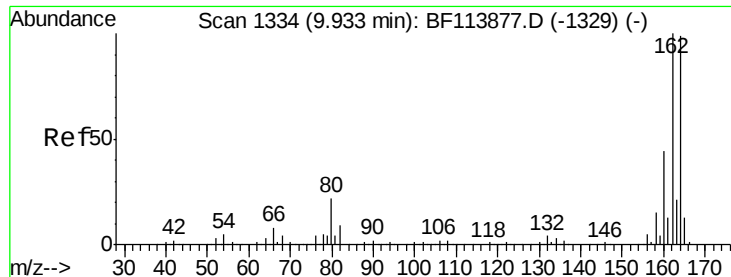


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

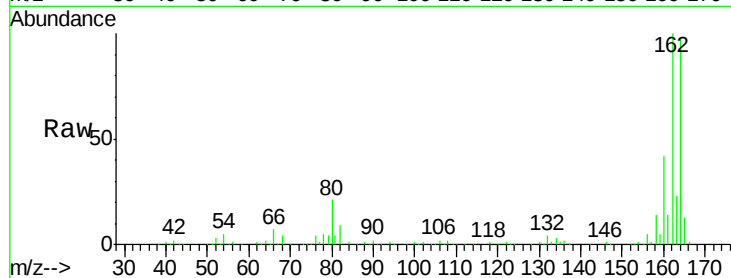
Tot Ion:164 Resp: 277319

Ion Ratio Lower Upper

164 100

162 102.5 81.1 121.7

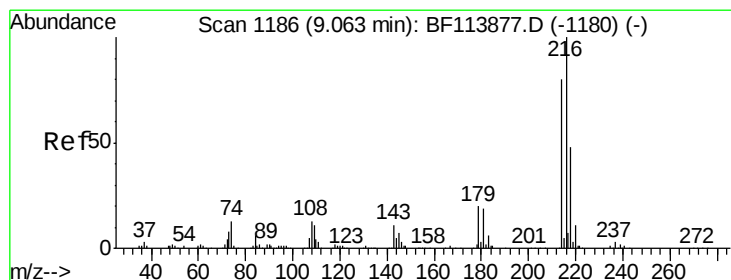
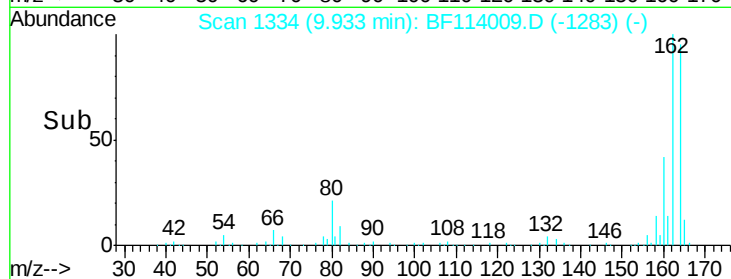
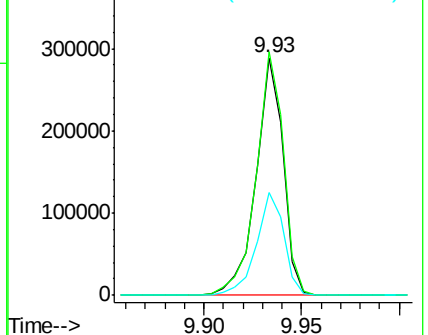
160 43.3 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.000 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Tgt Ion:216 Resp: 351321

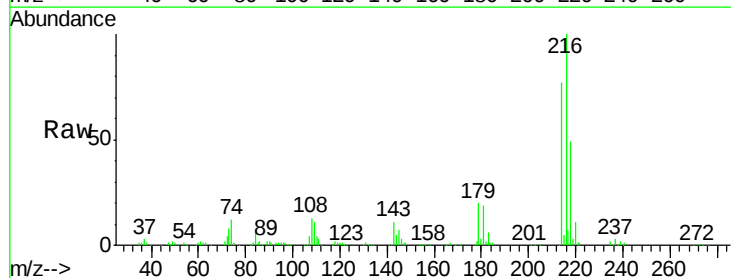
Ion Ratio Lower Upper

216 100

214 77.8 63.5 95.3

179 20.4 16.1 24.1

108 18.2 13.4 20.0

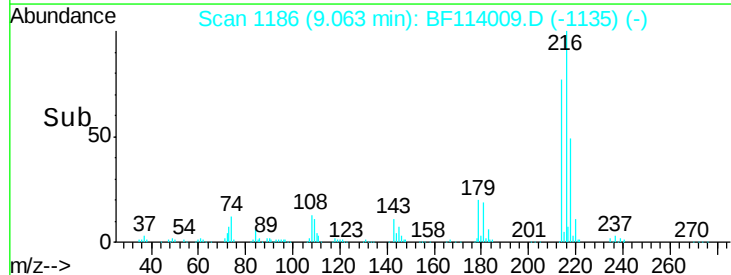
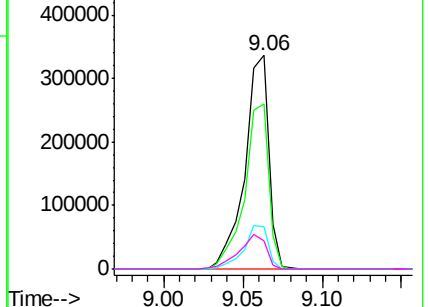


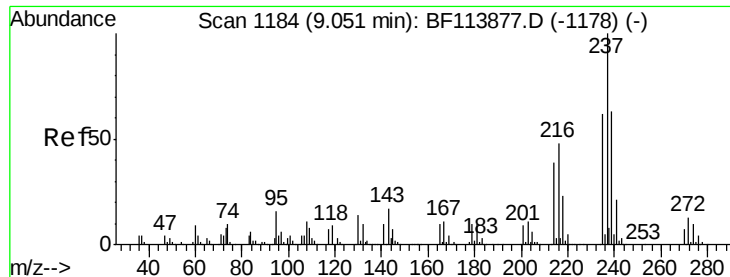
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.927 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

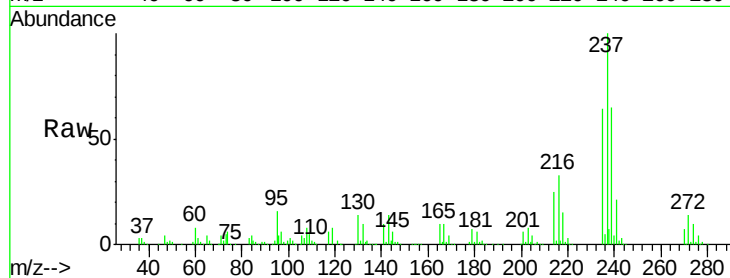
Tot Ion:237 Resp: 441689

Ion Ratio Lower Upper

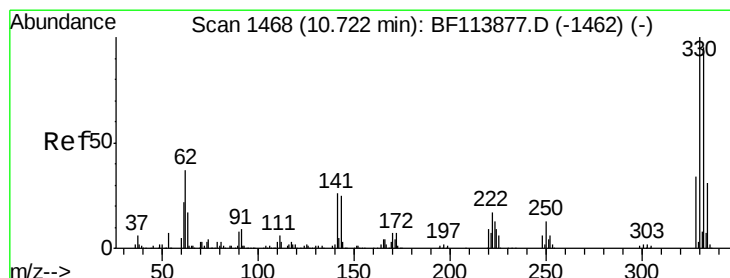
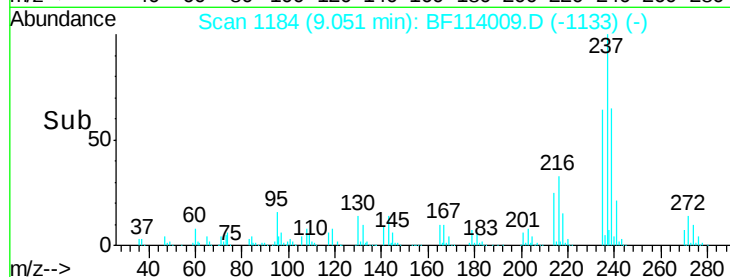
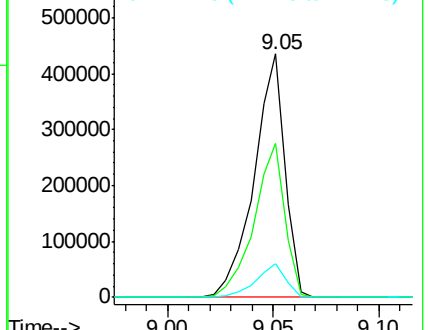
237 100

235 63.5 42.6 82.6

272 13.6 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 129.862 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

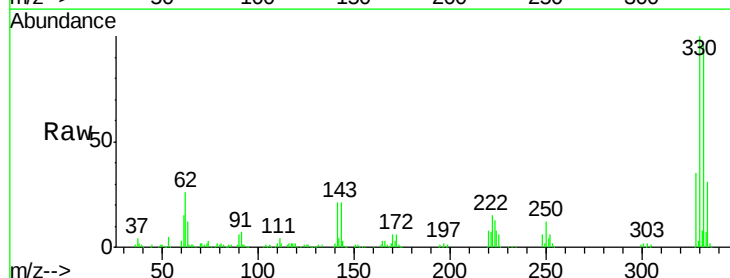
Tgt Ion:330 Resp: 438714

Ion Ratio Lower Upper

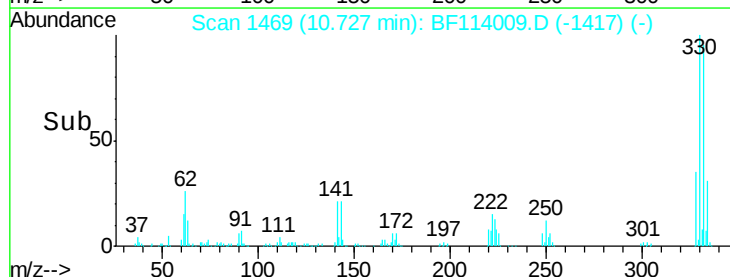
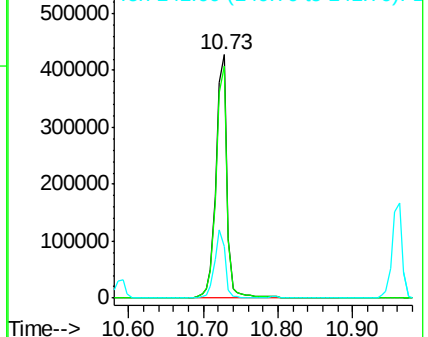
330 100

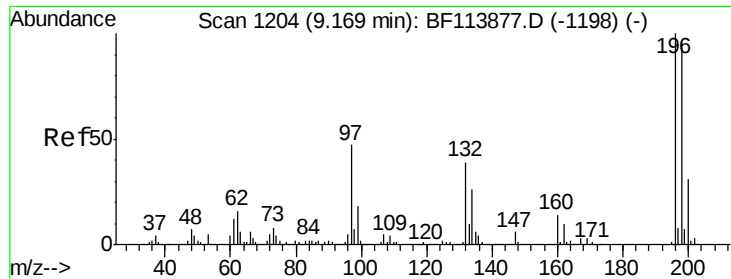
332 95.4 77.5 116.3

141 27.1 22.2 33.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

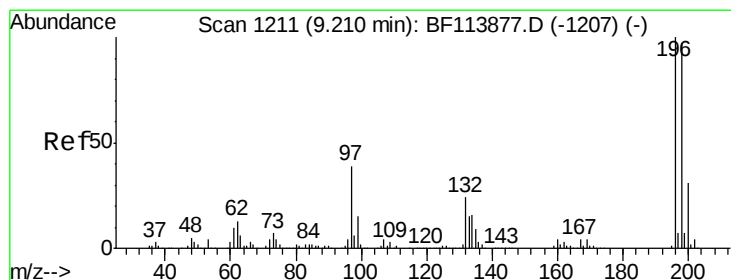
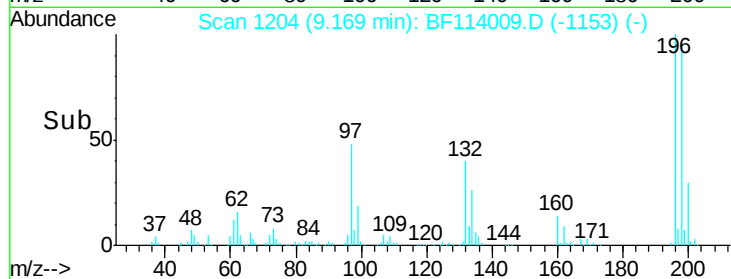
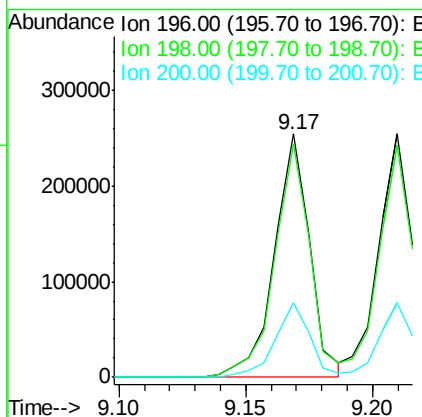
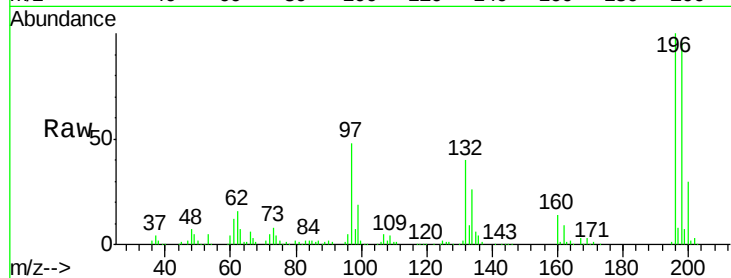




#43
 2,4,6-Trichlorophenol
 Concen: 42.800 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

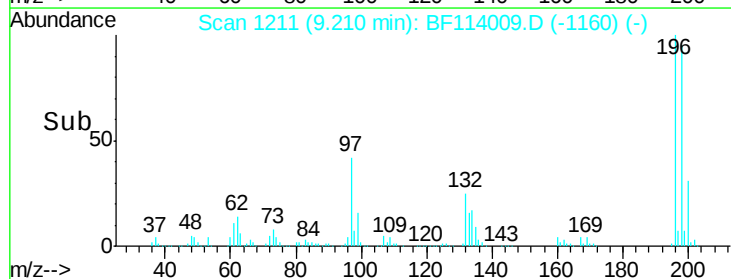
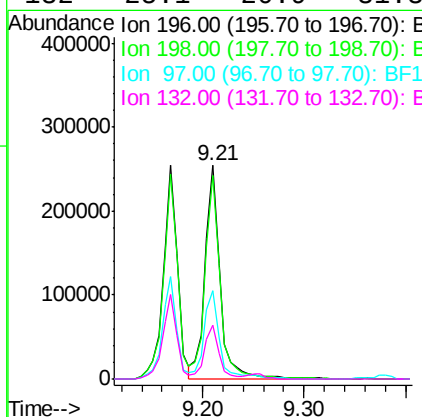
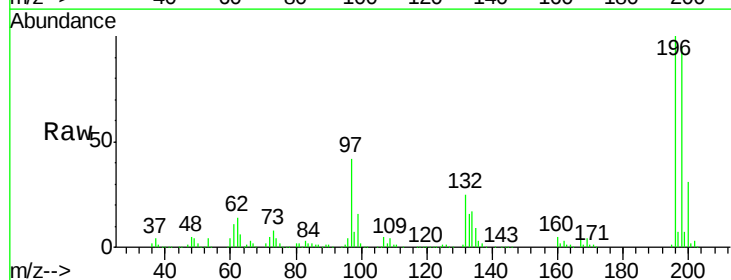
Instrument :
 BNA_F
 ClientSampleId :
 PB119084BS

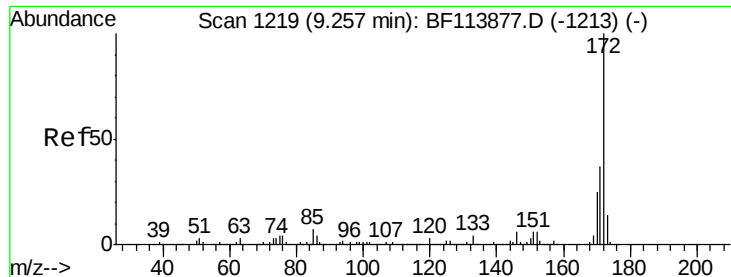
Tot Ion:196 Resp: 244821
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.6 113.4
 200 30.5 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 40.780 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Tgt Ion:196 Resp: 261644
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.2 114.4
 97 41.7 35.8 53.8
 132 25.1 20.9 31.3



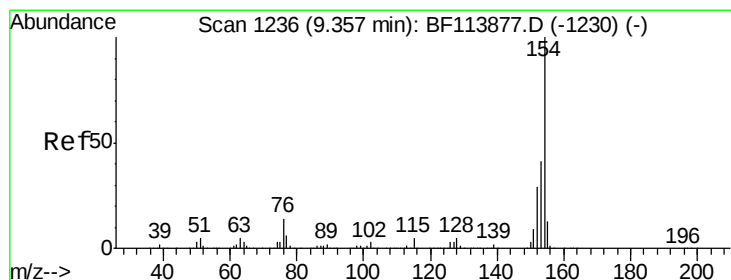
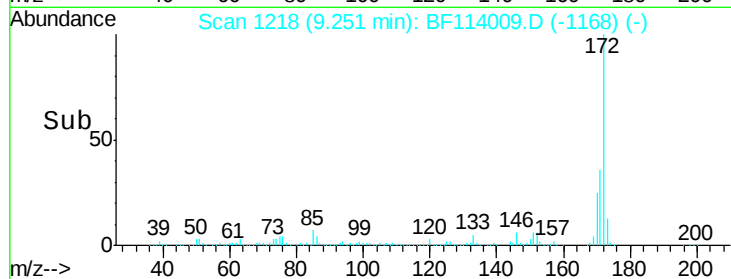
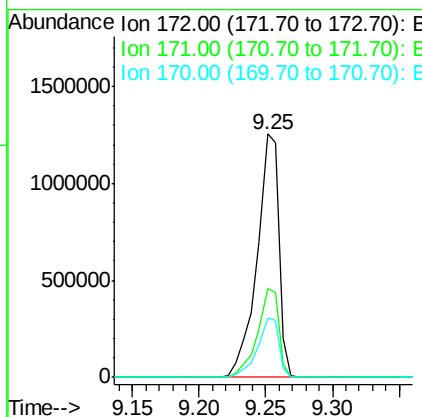
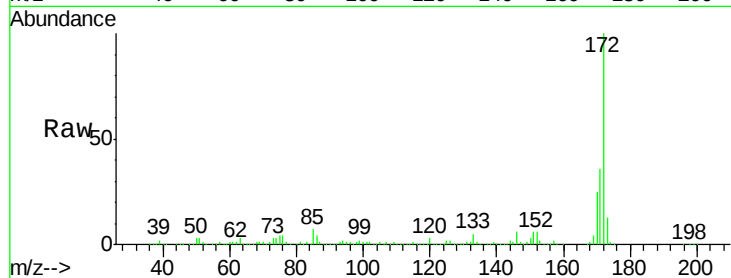


#45
 2-Fluorobiphenyl
 Concen: 79.299 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB119084BS

Tot Ion:172 Resp: 1406067

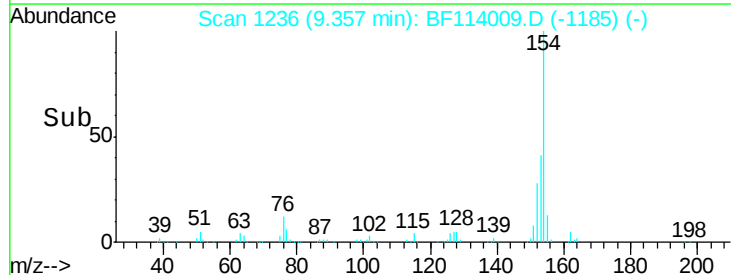
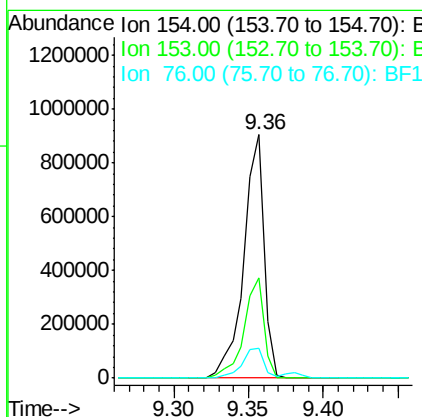
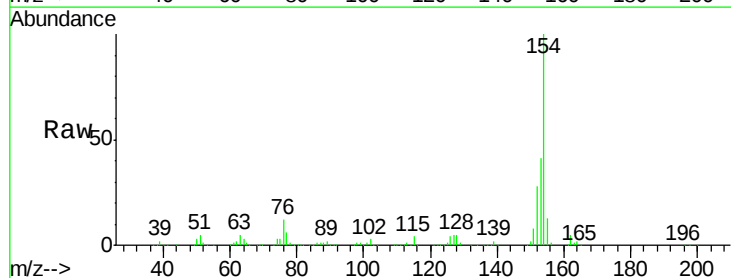
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.6	19.9	29.9

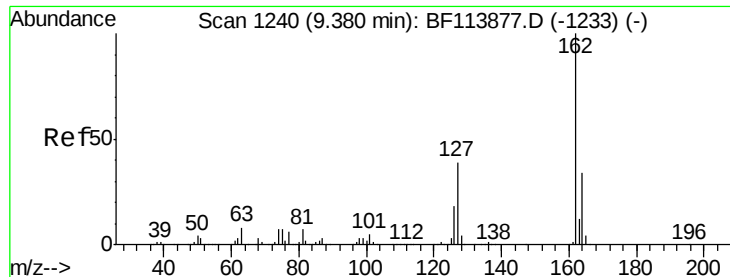


#46
 1,1'-Biphenyl
 Concen: 40.332 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Tgt Ion:154 Resp: 854443

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.8	60.8
76	12.4	0.0	35.2

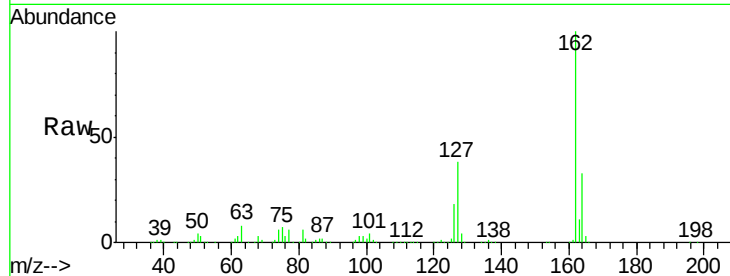




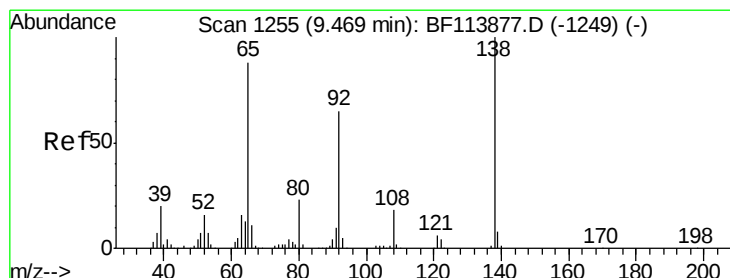
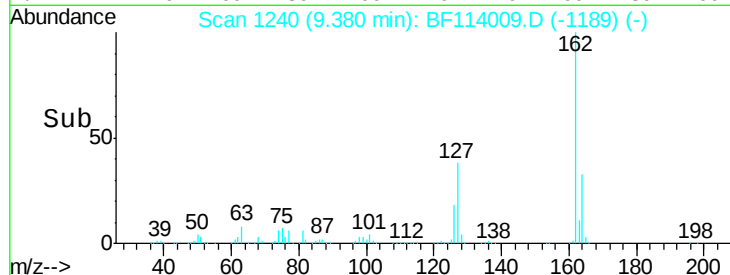
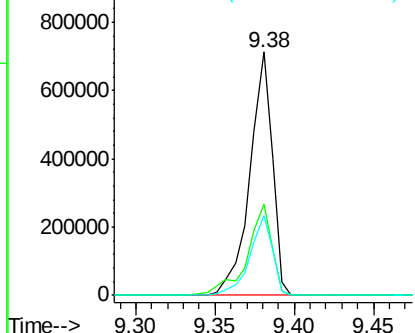
#47
 2-Chloronaphthalene
 Concen: 40.632 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB119084BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	29.3	43.9
164	33.0	27.1	40.7

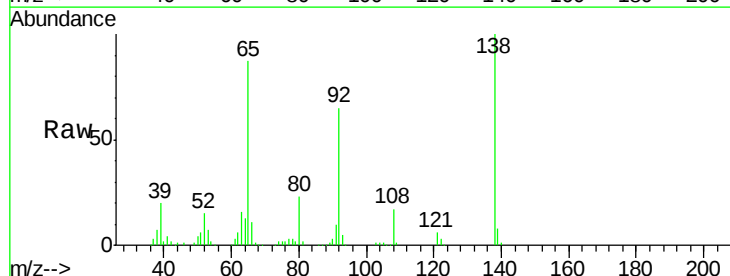


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

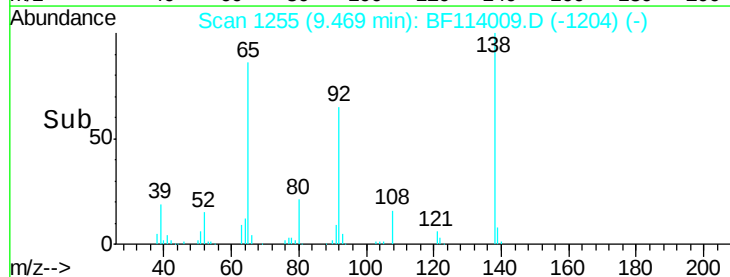
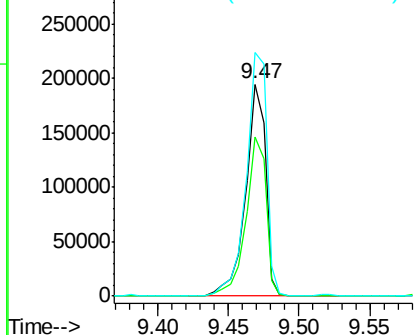


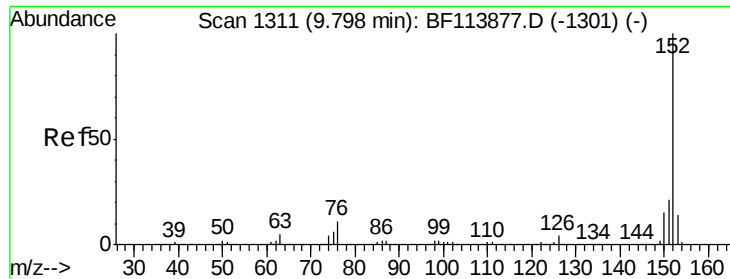
#48
 2-Nitroaniline
 Concen: 42.866 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.8	57.4	86.0
138	114.8	85.4	128.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.082 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

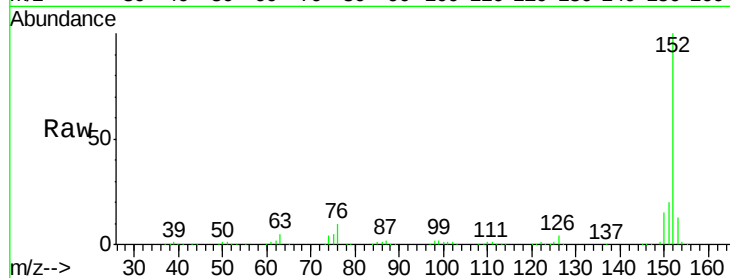
Tot Ion:152 Resp: 1081053

Ion Ratio Lower Upper

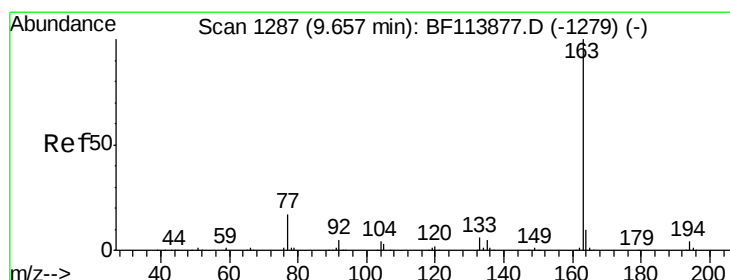
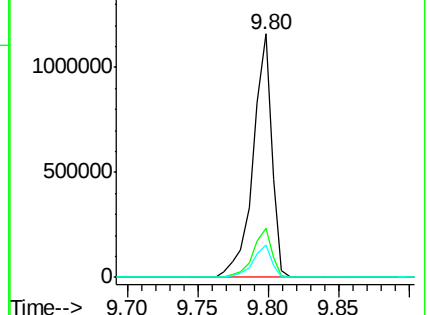
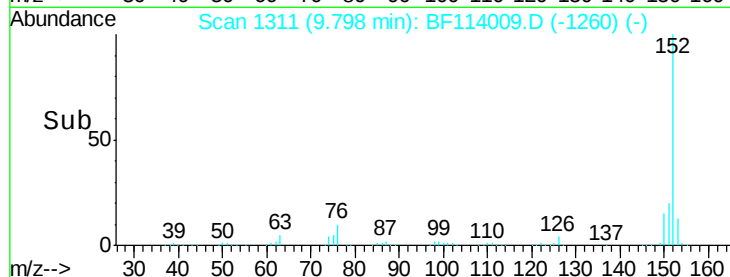
152 100

151 20.4 17.0 25.4

153 13.2 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.421 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

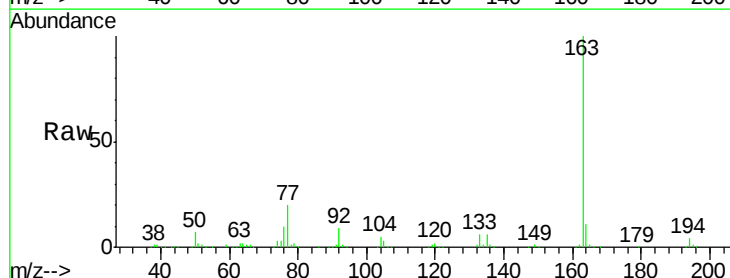
Tgt Ion:163 Resp: 810697

Ion Ratio Lower Upper

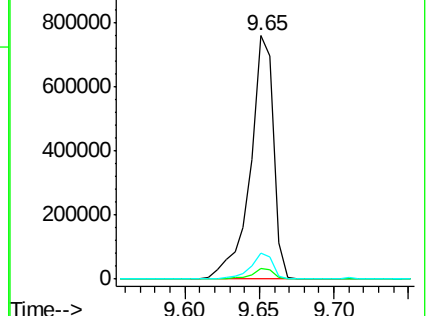
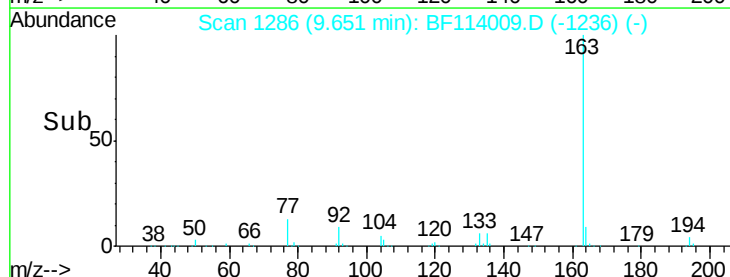
163 100

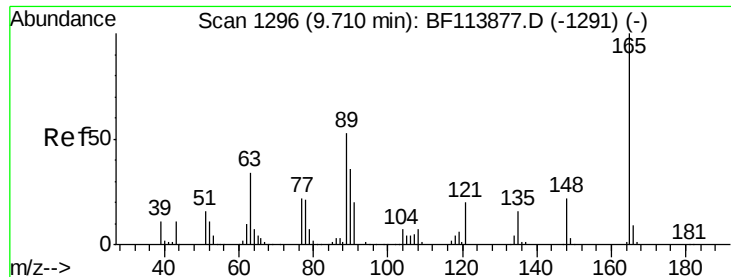
194 4.2 3.4 5.2

164 10.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

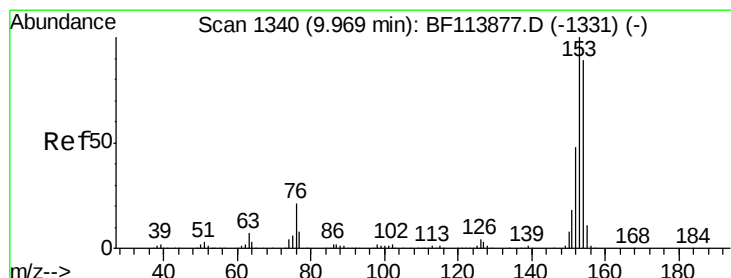
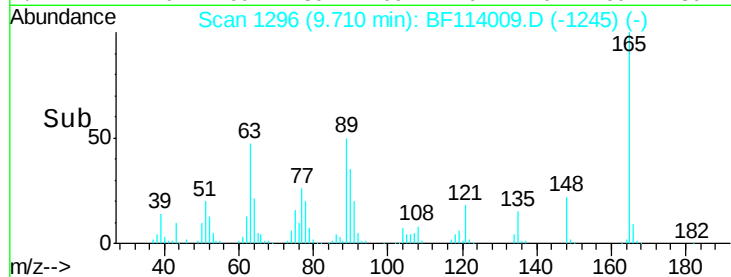
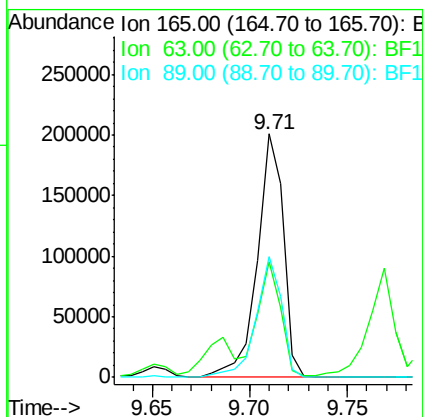
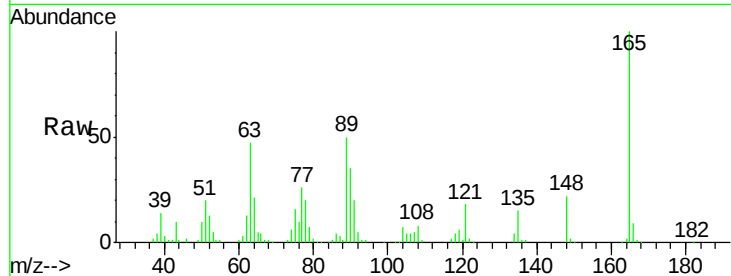




#51
 2,6-Dinitrotoluene
 Concen: 43.483 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

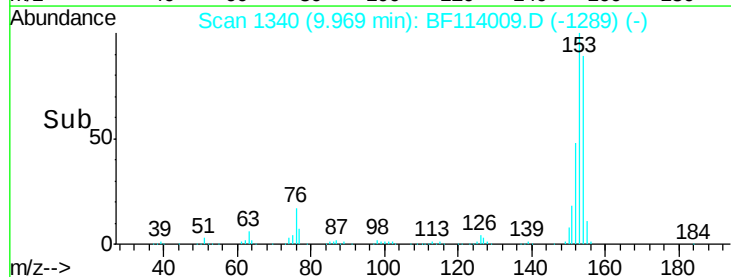
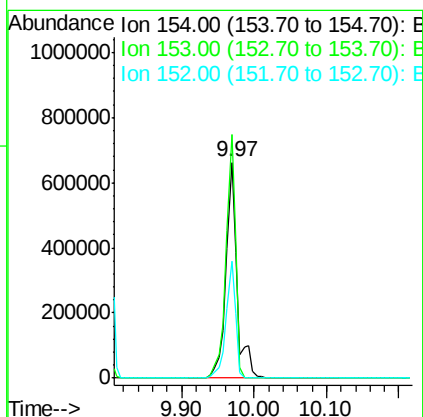
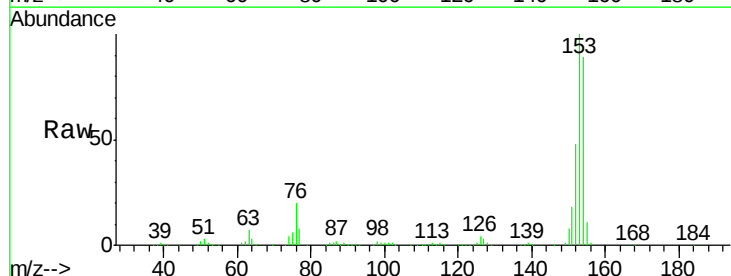
Instrument :
 BNA_F
 ClientSampleId :
 PB119084BS

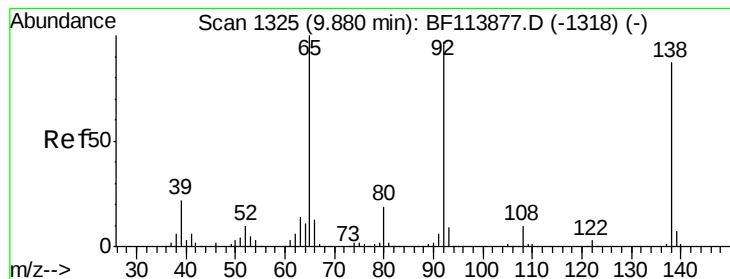
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.4	33.8	50.8
89	49.5	38.2	57.2



#52
 Acenaphthene
 Concen: 44.587 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	87.2	130.8
152	54.1	42.3	63.5





#53

3-Nitroaniline

Concen: 25.862 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

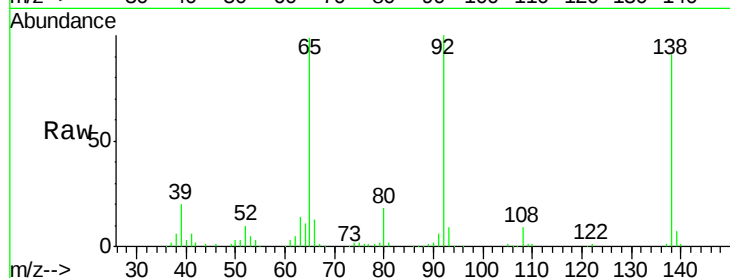
Tot Ion:138 Resp: 116936

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.2

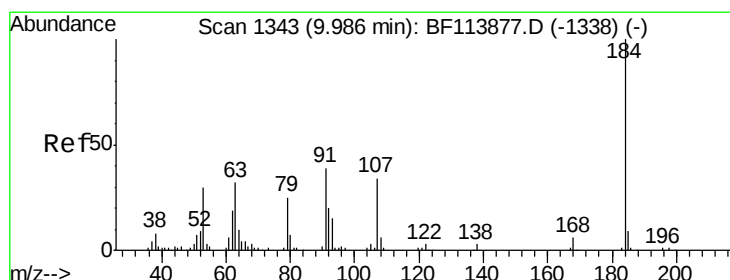
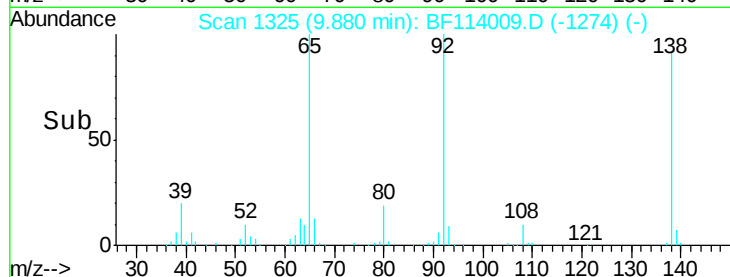
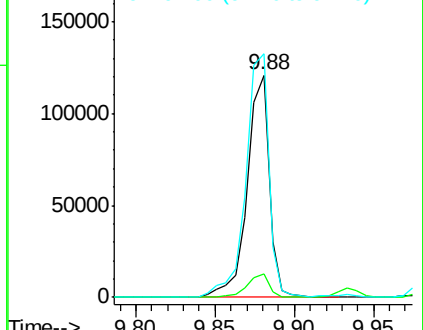
92 109.5 94.1 141.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 91.949 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

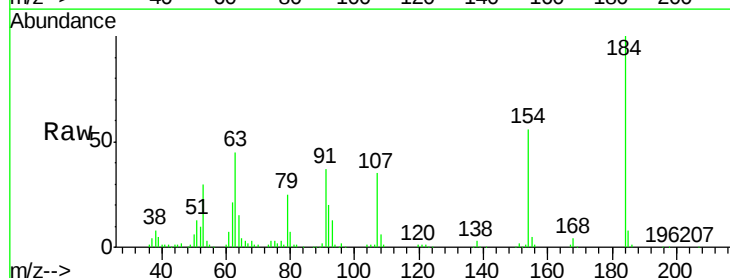
Tgt Ion:184 Resp: 173755

Ion Ratio Lower Upper

184 100

63 44.8 54.6 81.8#

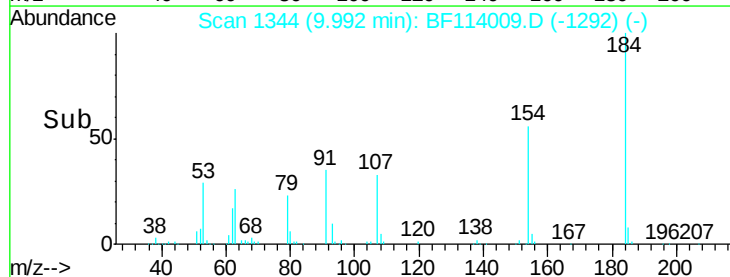
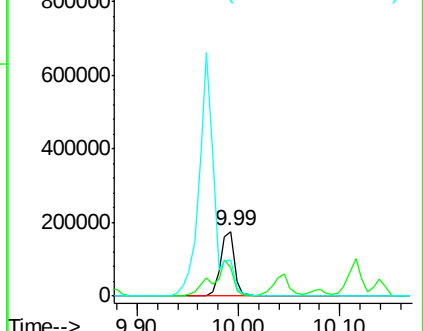
154 56.3 218.6 328.0#

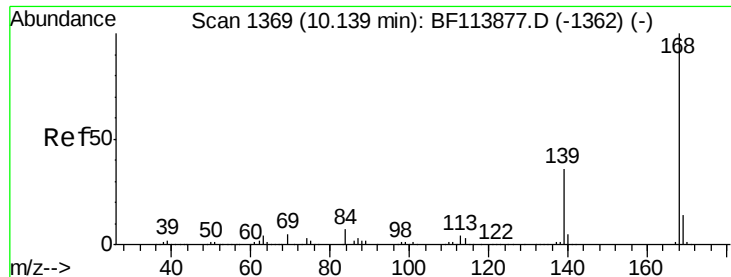


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

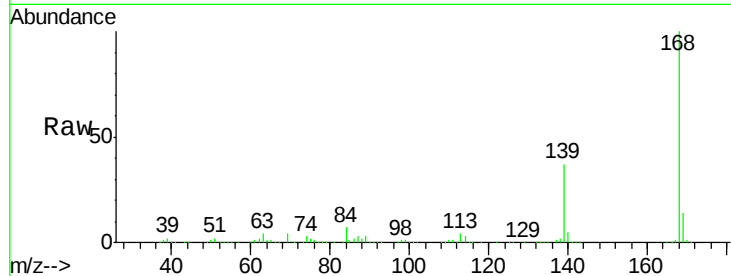




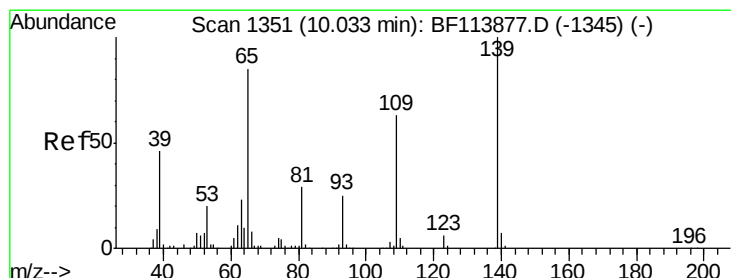
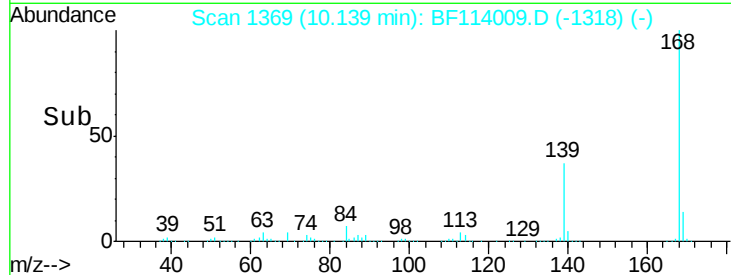
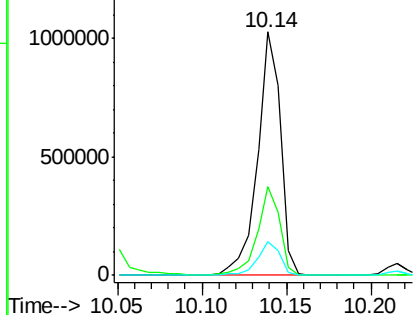
#55
Dibenzenofuran
Concen: 40.854 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

Tot Ion:168 Resp: 975427
Ion Ratio Lower Upper
168 100
139 36.5 27.8 41.6
169 13.7 11.0 16.6

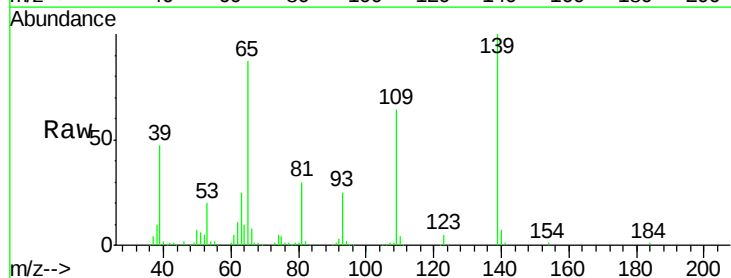


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

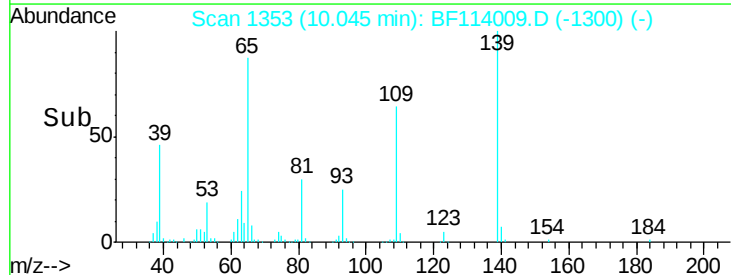
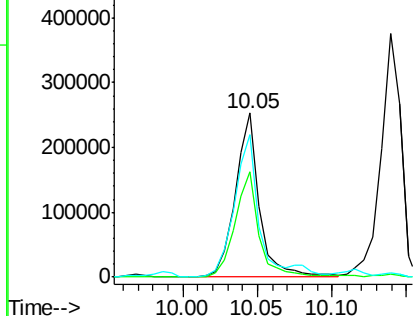


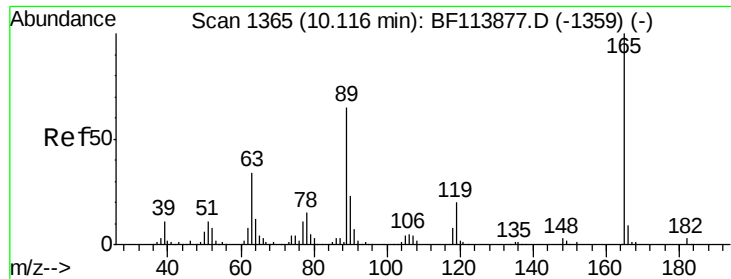
#56
4-Nitrophenol
Concen: 80.287 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion:139 Resp: 287428
Ion Ratio Lower Upper
139 100
109 64.3 42.9 82.9
65 86.7 64.4 104.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

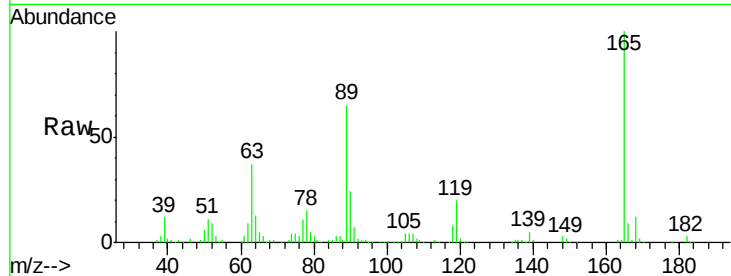




#57
2,4-Dinitrotoluene
Concen: 46.087 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.8	27.4	41.0
89	64.7	51.8	77.6
182	2.7	2.2	3.2

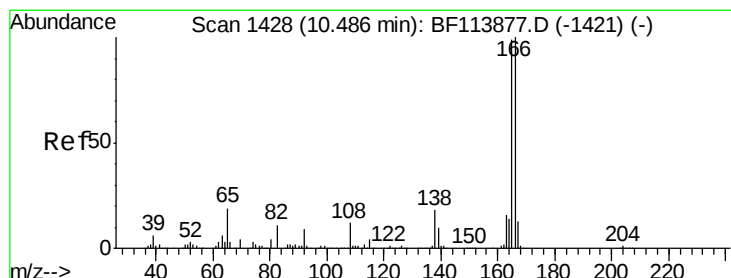
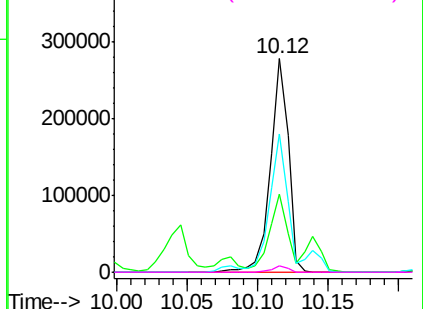
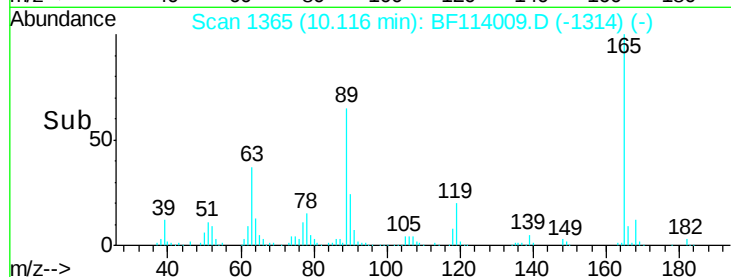


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

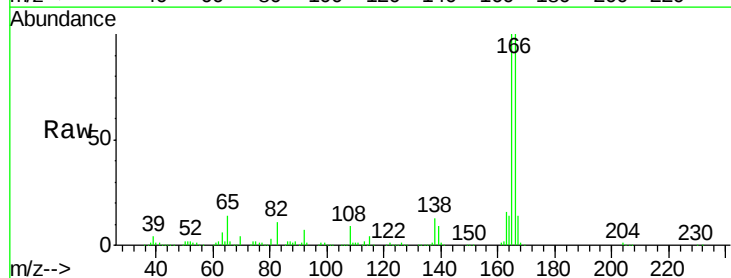
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.995 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

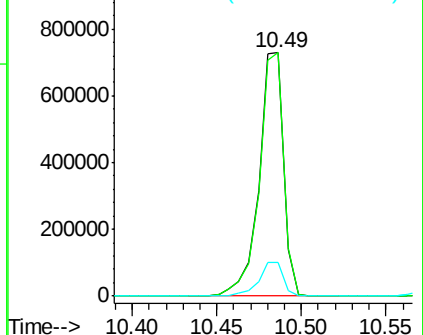
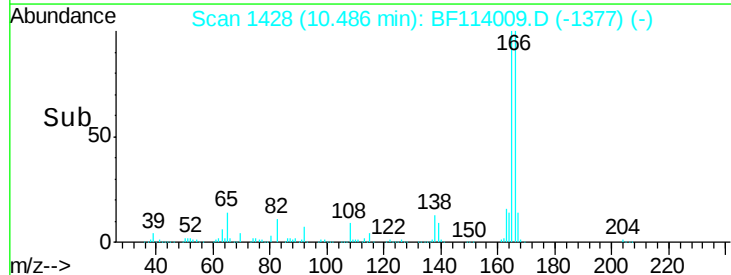
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.4	117.6
167	13.6	10.9	16.3

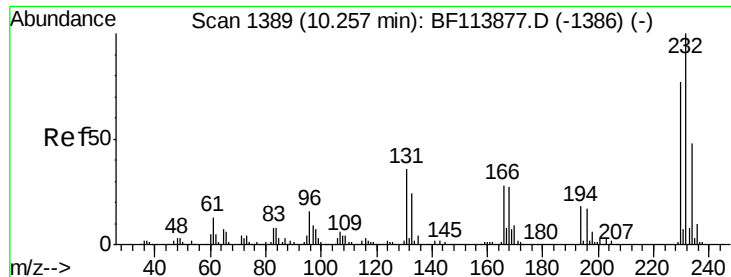


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

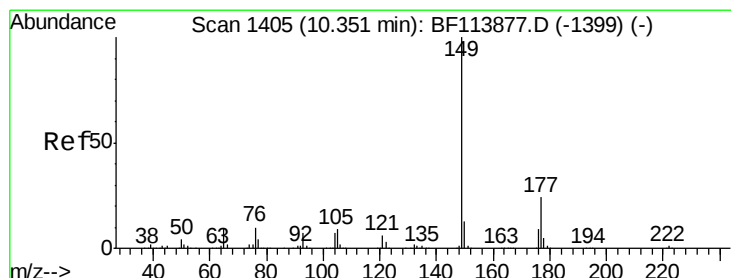
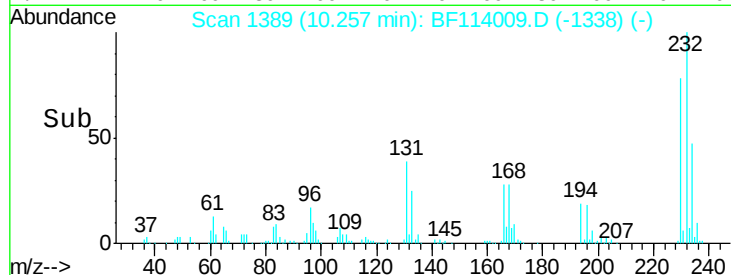
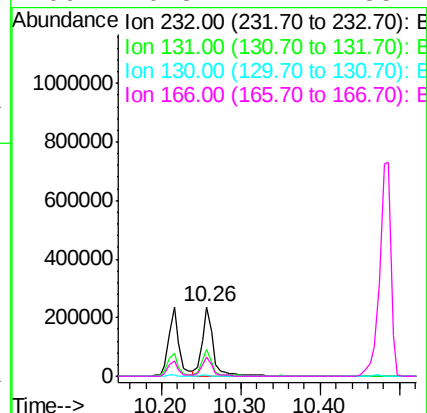
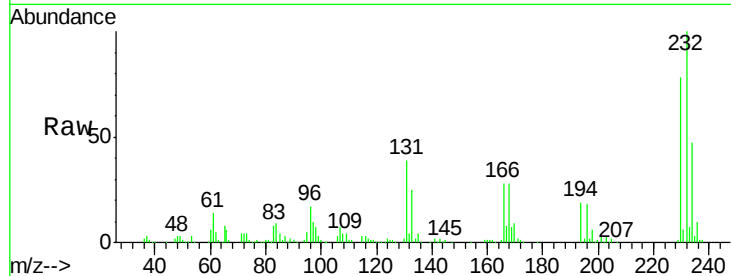




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.542 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

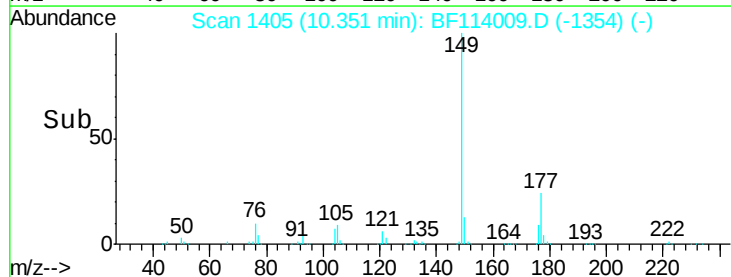
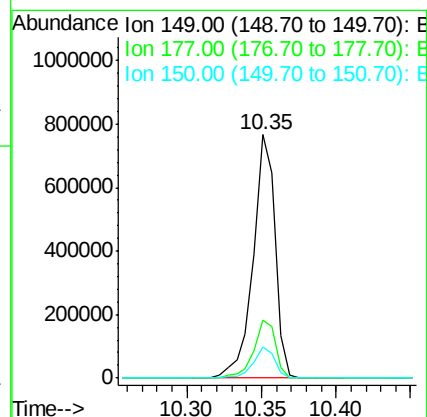
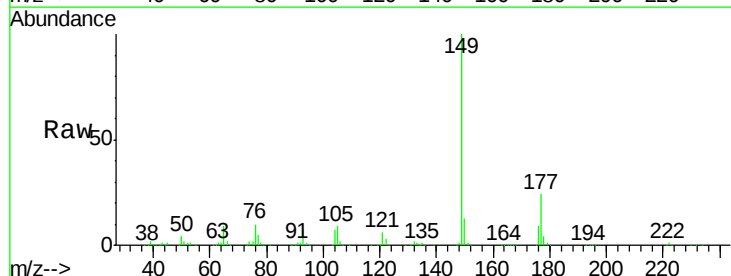
Instrument :
BNA_F
ClientSampleId :
PB119084BS

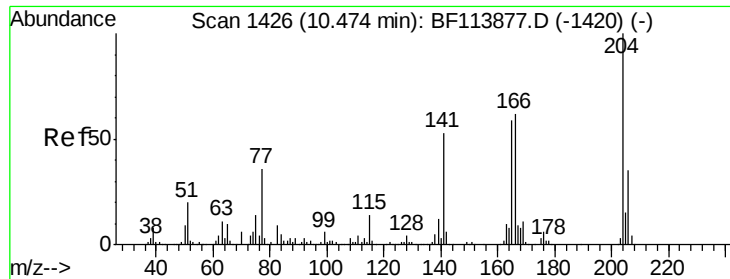
Tot Ion:232 Resp: 234230
Ion Ratio Lower Upper
232 100
131 38.6 30.2 45.2
130 1.5 1.5 2.3
166 26.8 22.2 33.4



#60
Diethylphthalate
Concen: 40.578 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion:149 Resp: 772831
Ion Ratio Lower Upper
149 100
177 23.6 19.2 28.8
150 12.8 10.3 15.5

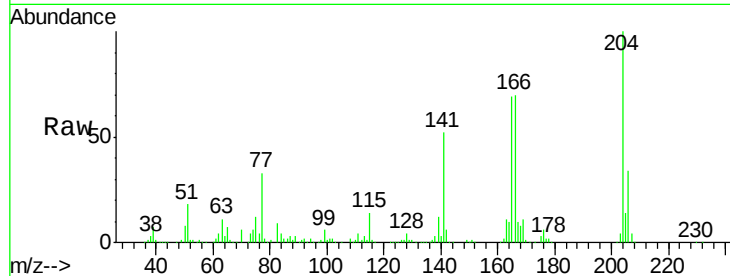




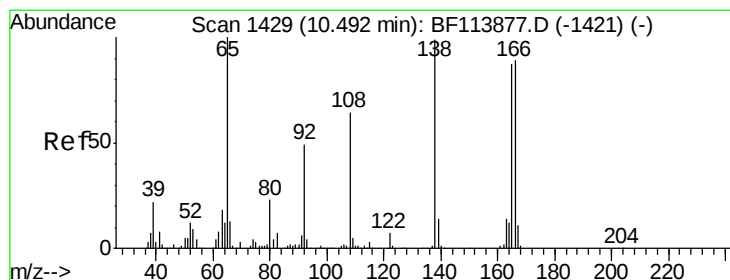
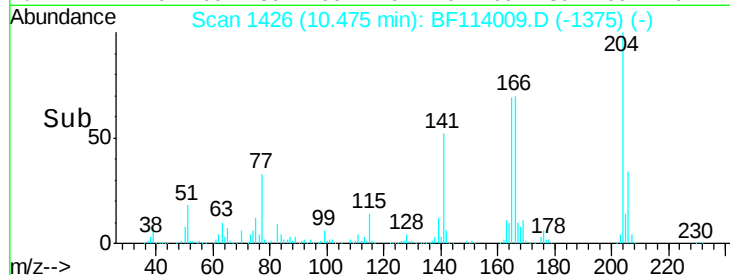
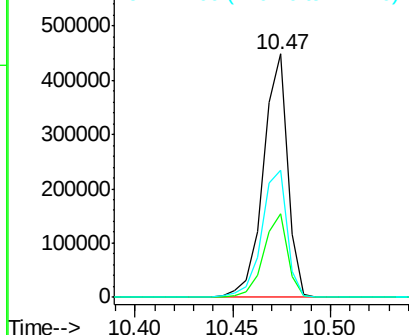
#61
4-Chlorophenyl-phenylether
Concen: 40.602 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

Tot Ion:204 Resp: 386525
Ion Ratio Lower Upper
204 100
206 34.1 27.4 41.2
141 52.2 42.6 63.8

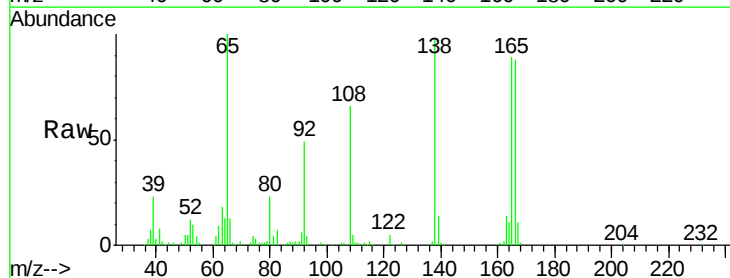


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

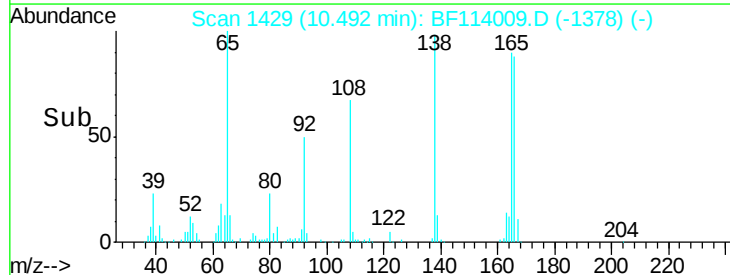
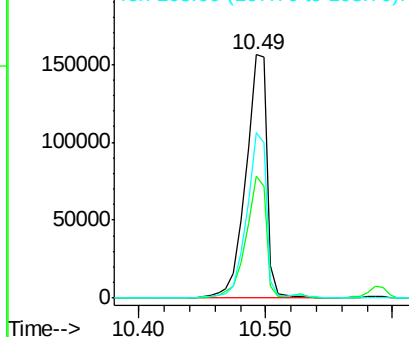


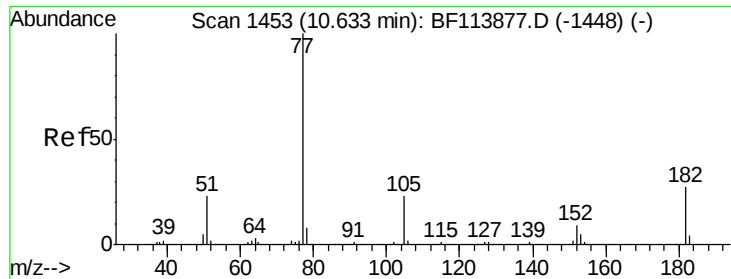
#62
4-Nitroaniline
Concen: 41.189 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion:138 Resp: 181738
Ion Ratio Lower Upper
138 100
92 50.3 31.3 71.3
108 67.9 48.9 88.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.420 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

Tot Ion: 77 Resp: 727648

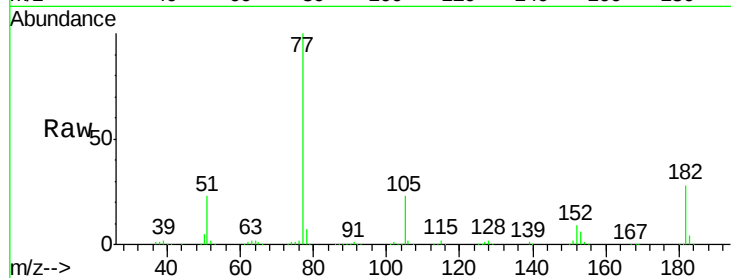
Ion Ratio Lower Upper

77 100

182 27.7 4.4 44.4

105 22.8 2.2 42.2

51 23.1 3.9 43.9

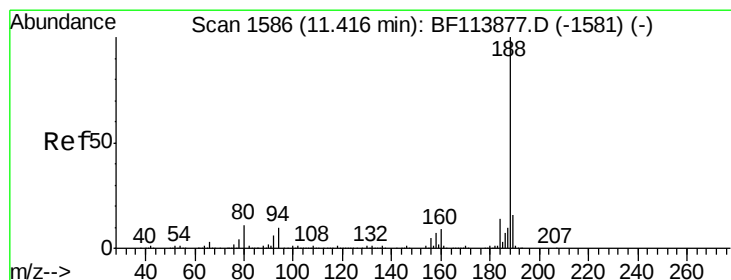
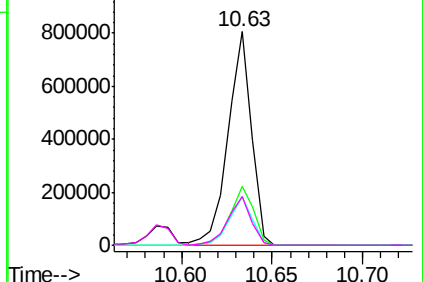
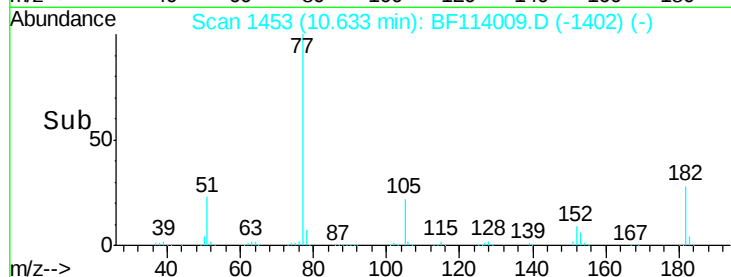


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

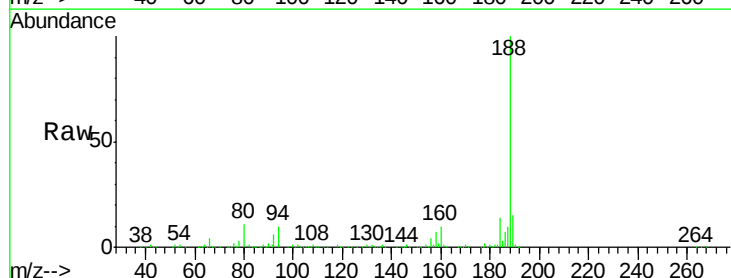
Tgt Ion: 188 Resp: 556432

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.4

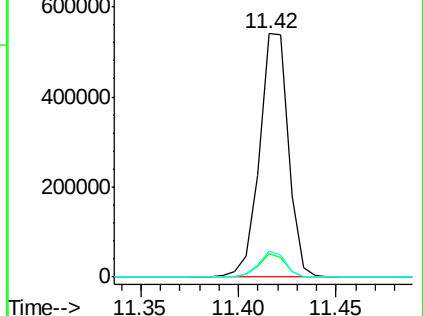
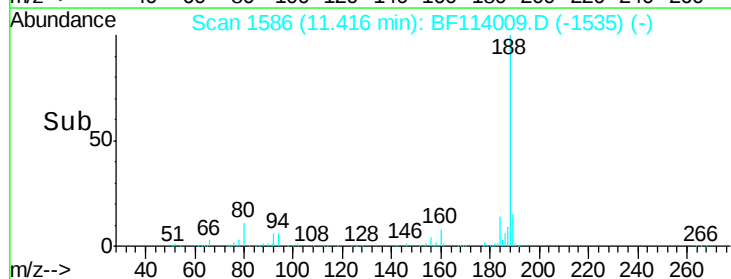
80 10.9 9.0 13.6

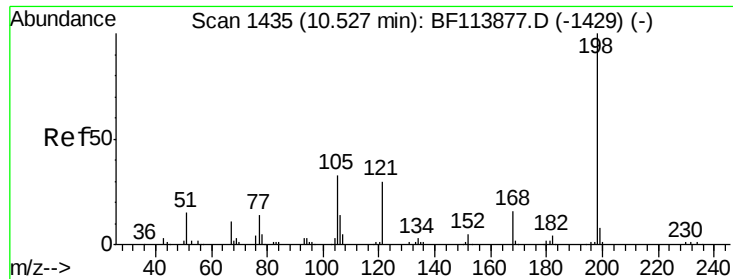


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.737 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

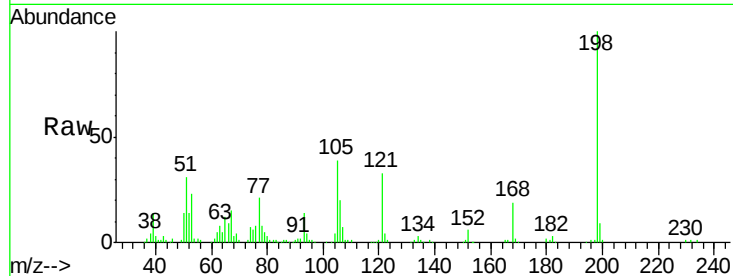
Tot Ion:198 Resp: 109595

Ion	Ratio	Lower	Upper
198	100		
51	31.3	11.1	51.1
105	38.7	20.7	60.7

198 100

51 31.3 11.1 51.1

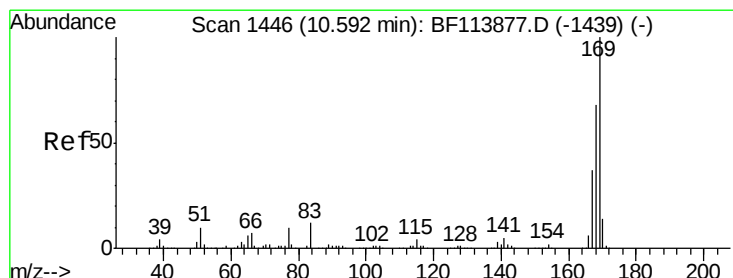
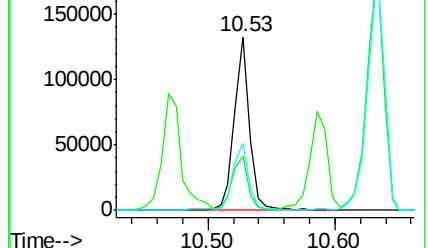
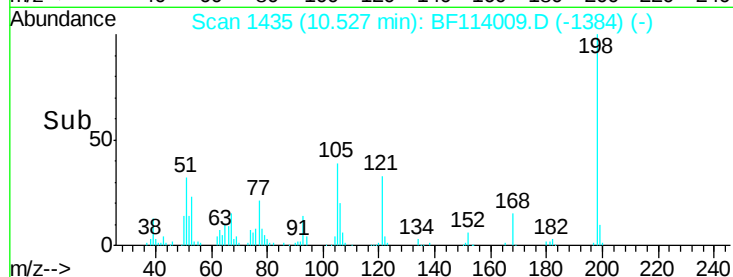
105 38.7 20.7 60.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.289 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

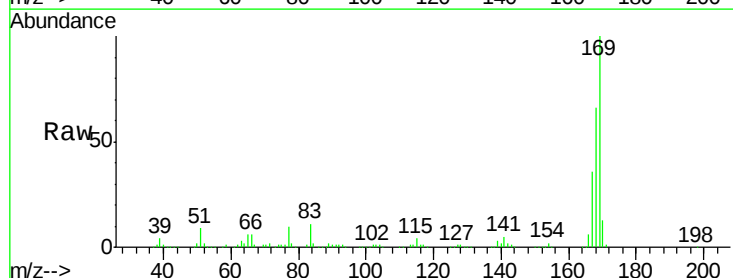
Tgt Ion:169 Resp: 672668

Ion	Ratio	Lower	Upper
169	100		
168	66.0	54.3	81.5
167	36.1	29.4	44.0

169 100

168 66.0 54.3 81.5

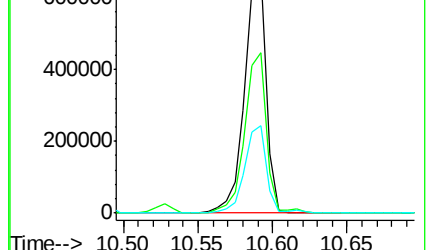
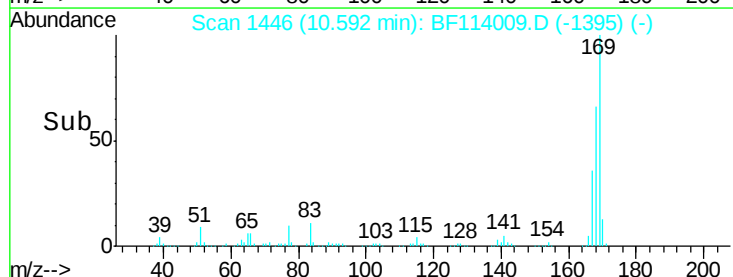
167 36.1 29.4 44.0

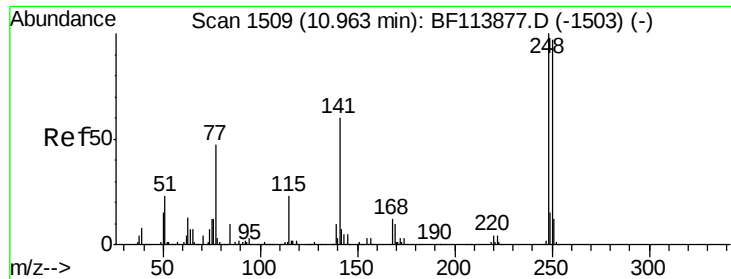


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

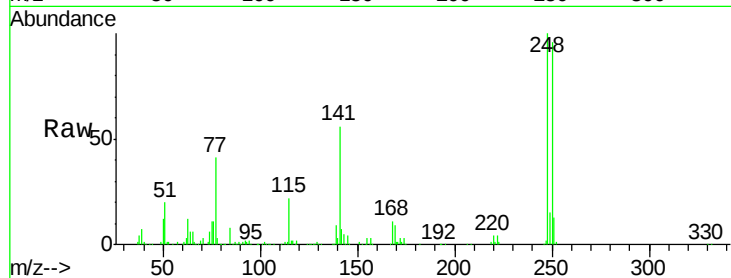




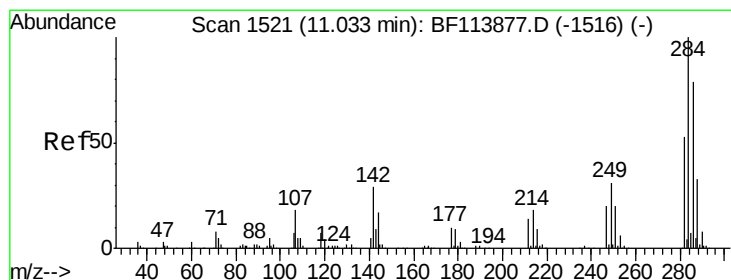
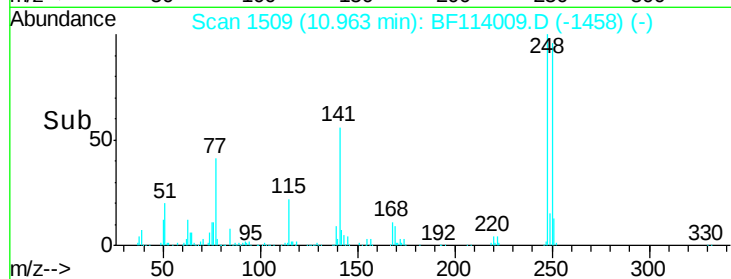
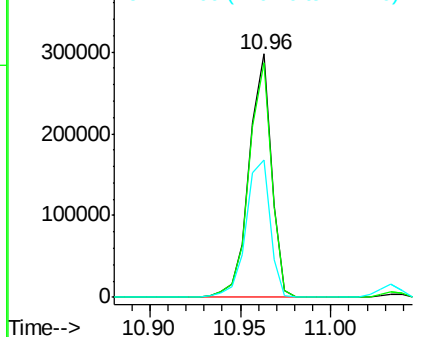
#67
4-Bromophenyl-phenylether
Concen: 37.925 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

Tot Ion:248 Resp: 254929
Ion Ratio Lower Upper
248 100
250 96.2 75.8 113.6
141 56.3 50.2 75.4

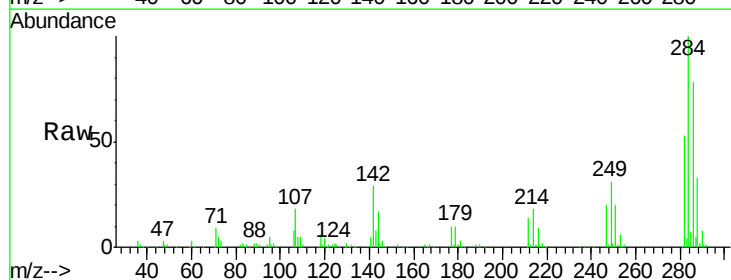


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

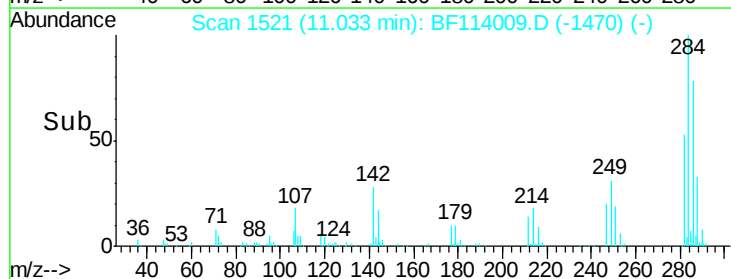
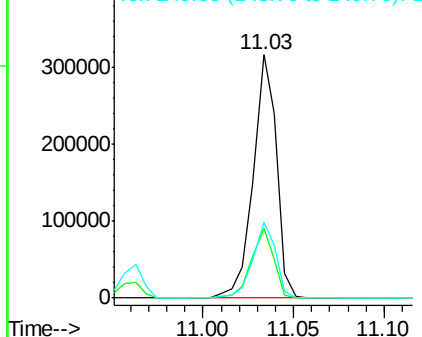


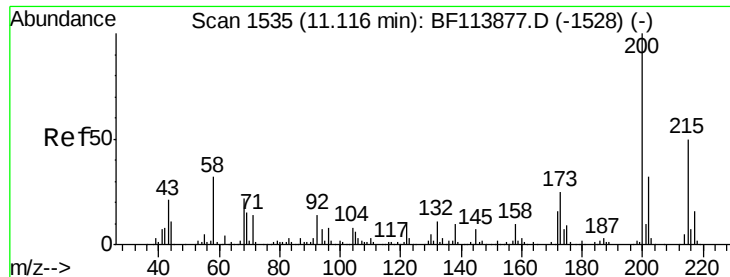
#68
Hexachlorobenzene
Concen: 38.249 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion:284 Resp: 282532
Ion Ratio Lower Upper
284 100
142 28.7 23.0 34.4
249 31.1 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.529 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

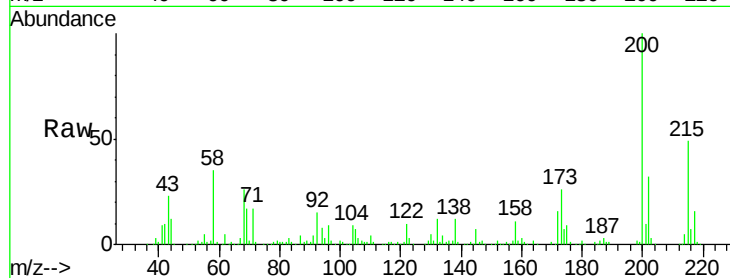
Tot Ion:200 Resp: 225556

Ion Ratio Lower Upper

200 100

173 26.4 5.9 45.9

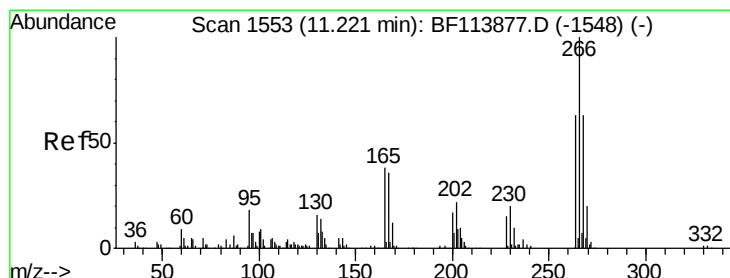
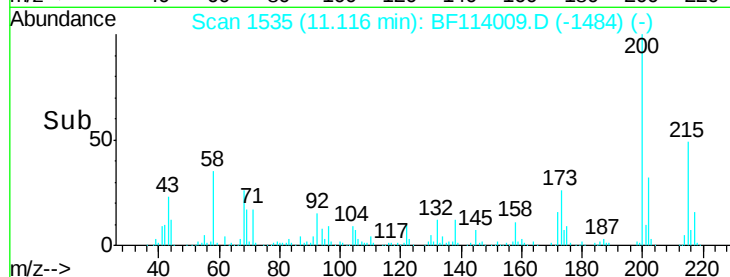
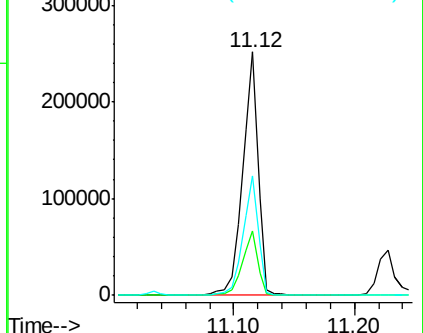
215 49.2 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 75.347 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

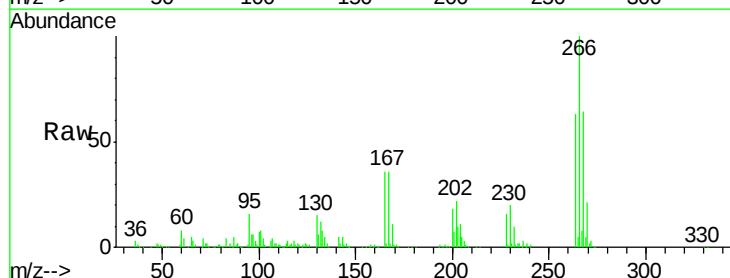
Tgt Ion:266 Resp: 315120

Ion Ratio Lower Upper

266 100

268 64.2 53.5 80.3

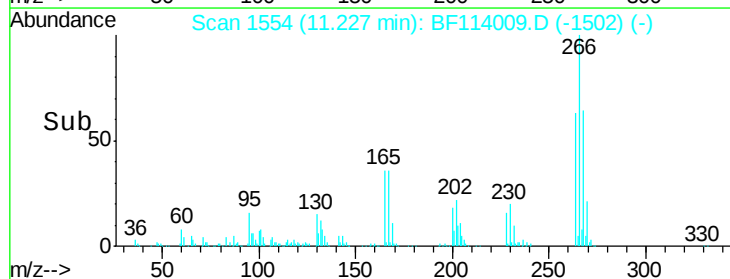
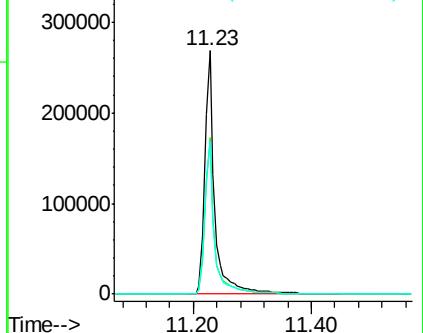
264 62.5 51.0 76.6

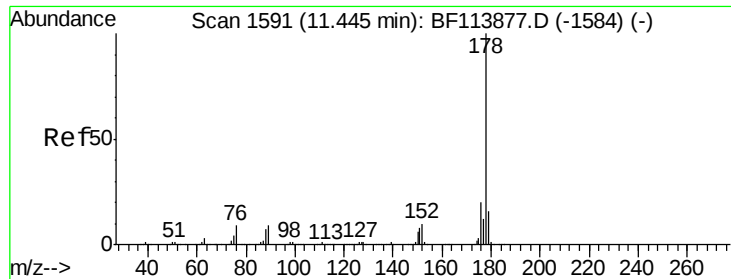


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.773 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

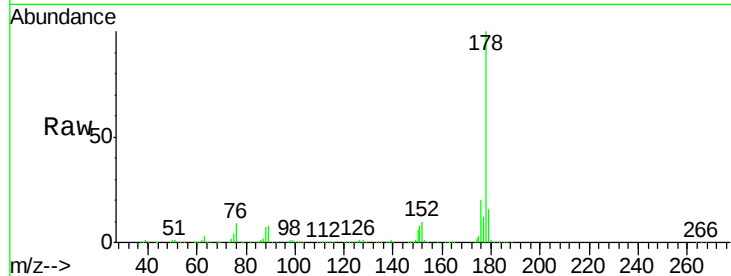
Tot Ion:178 Resp: 1112218

Ion Ratio Lower Upper

178 100

176 20.1 16.1 24.1

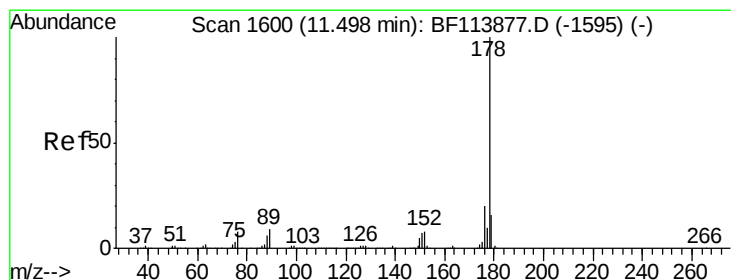
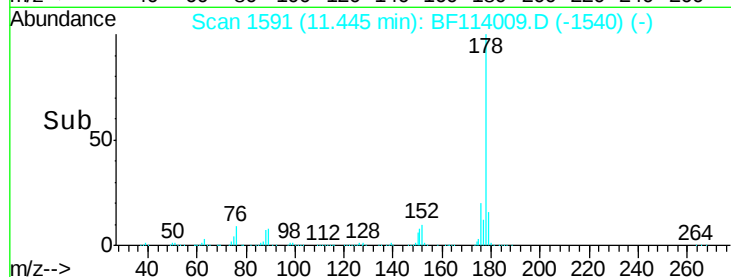
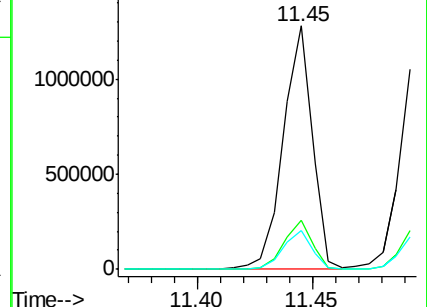
179 16.1 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.075 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

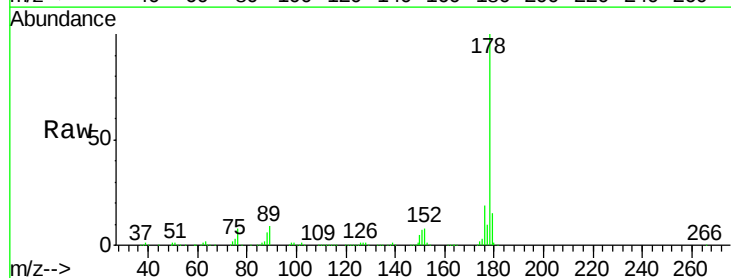
Tgt Ion:178 Resp: 1159906

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

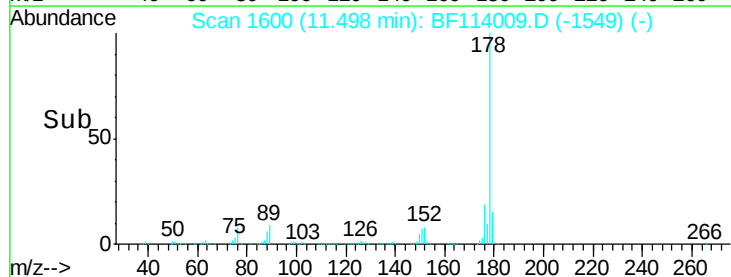
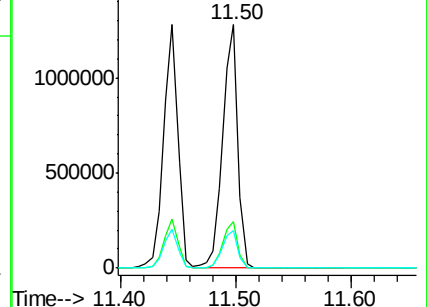
179 15.5 13.0 19.4

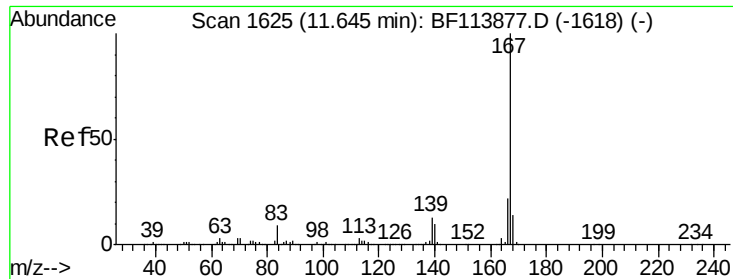


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.550 ng

RT: 11.65 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

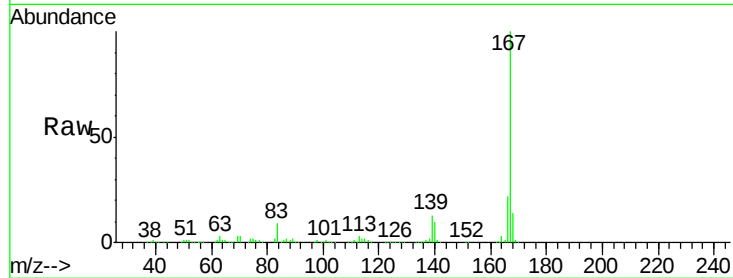
Tot Ion:167 Resp: 1021592

Ion Ratio Lower Upper

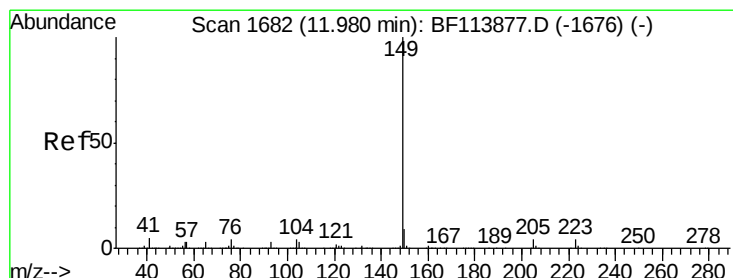
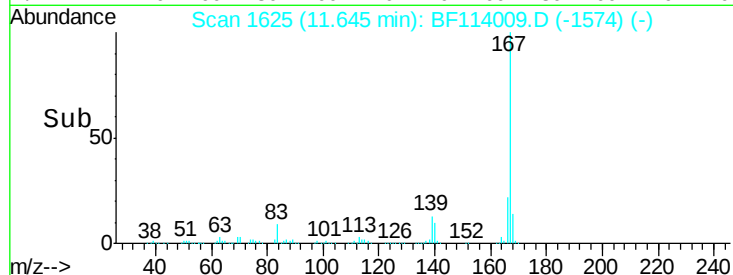
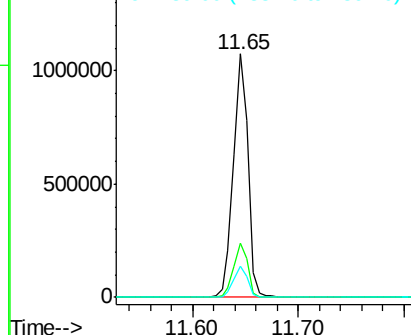
167 100

166 22.5 17.7 26.5

139 13.0 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.674 ng

RT: 11.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

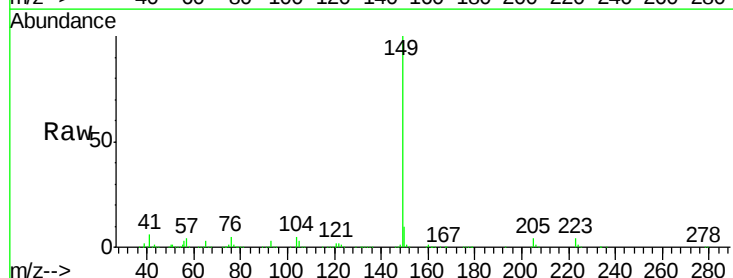
Tgt Ion:149 Resp: 1175750

Ion Ratio Lower Upper

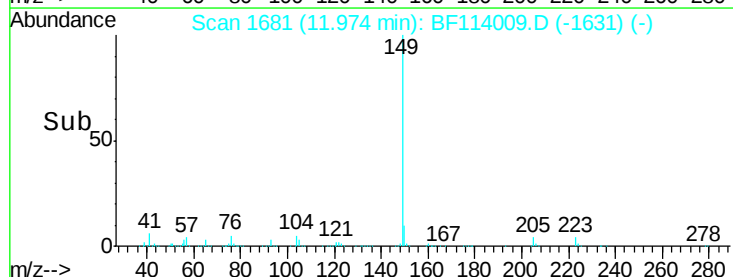
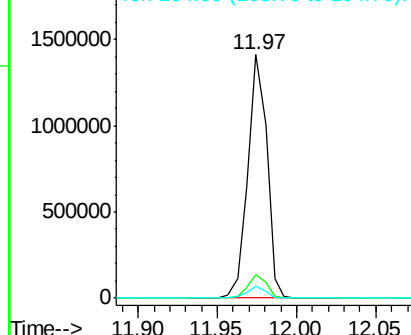
149 100

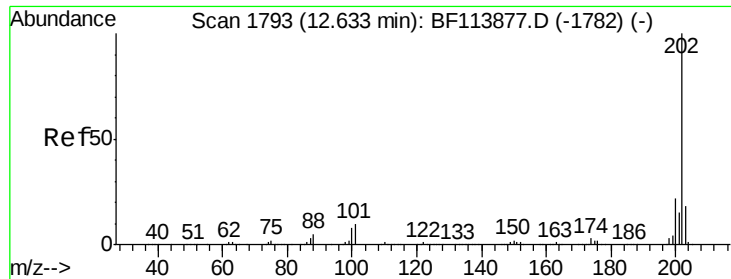
150 9.6 7.8 11.8

104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

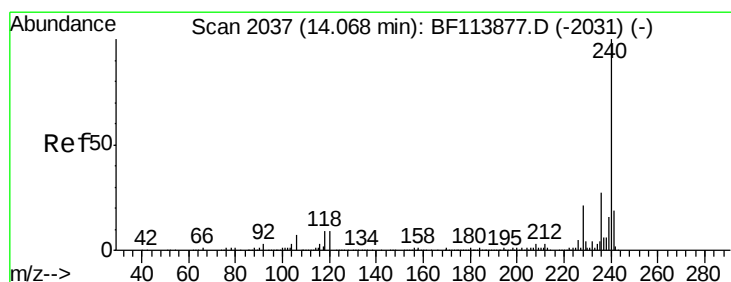
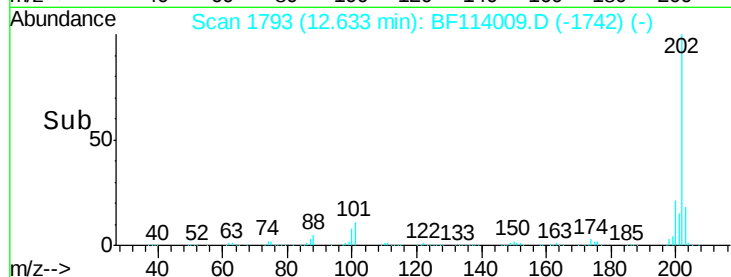
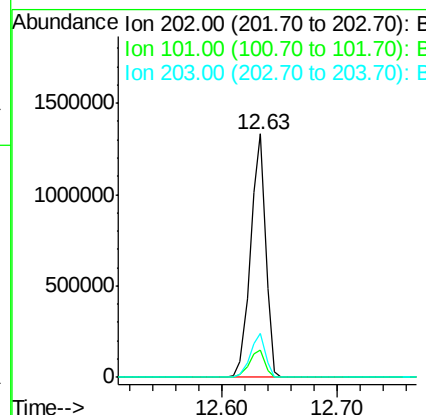
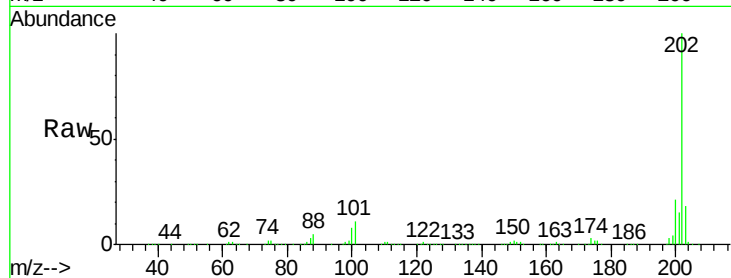




#75
 Fluoranthene
 Concen: 39.360 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

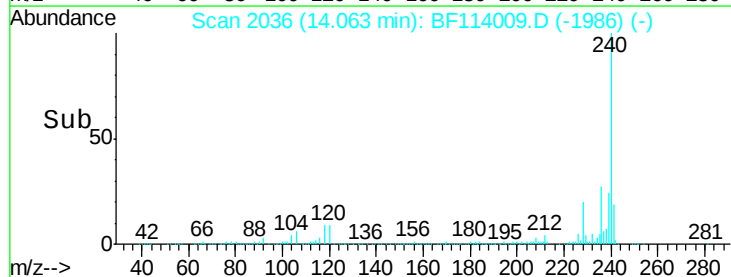
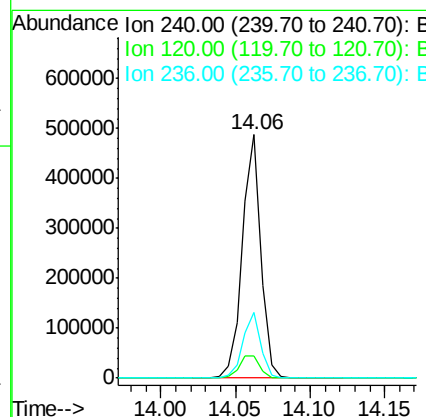
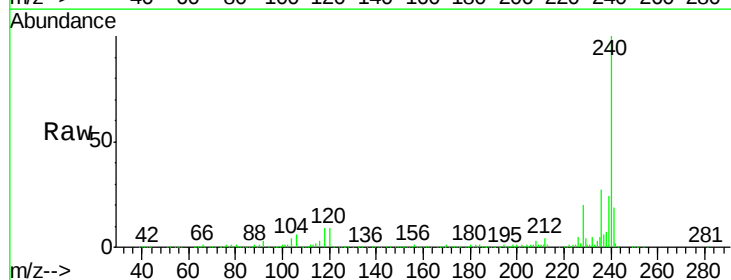
Instrument :
 BNA_F
 ClientSampleId :
 PB119084BS

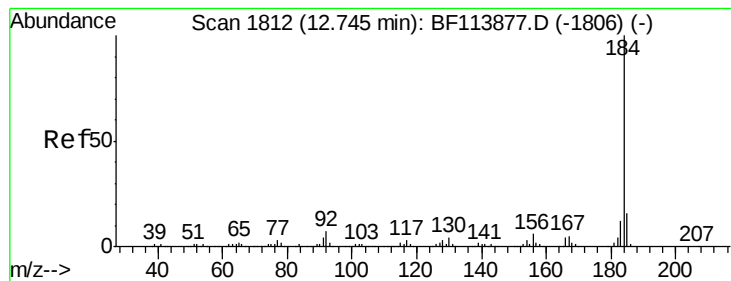
Tot Ion:202 Resp: 1200845
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 32.9
 203 17.8 0.0 38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Tgt Ion:240 Resp: 423686
 Ion Ratio Lower Upper
 240 100
 120 9.1 9.3 13.9#
 236 26.8 21.2 31.8





#77

Benzidine

Concen: 48.302 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

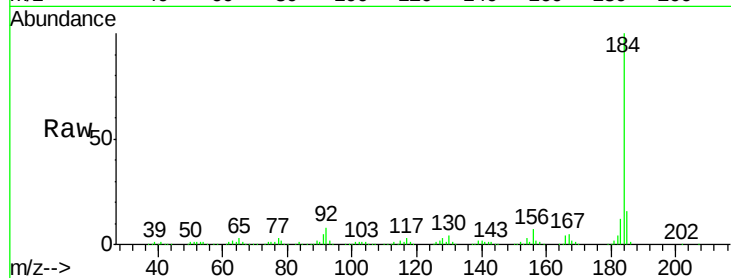
Tot Ion:184 Resp: 609764

Ion Ratio Lower Upper

184 100

185 15.9 13.0 19.6

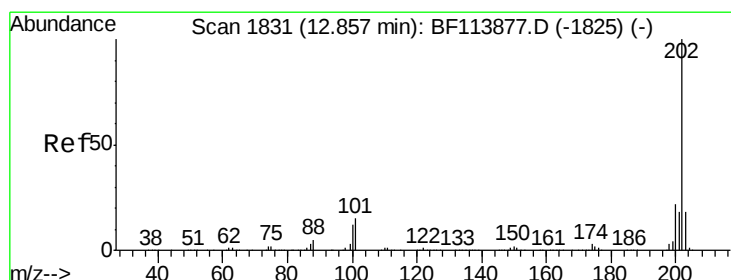
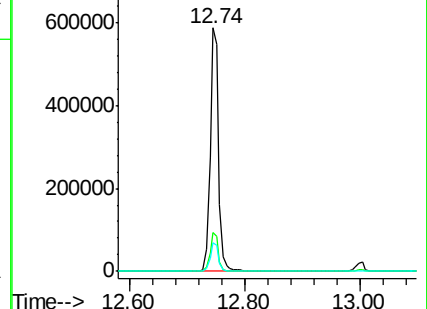
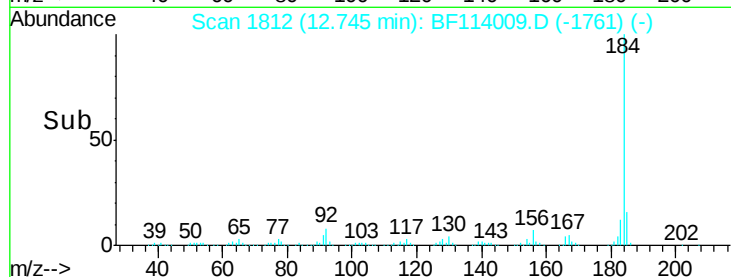
183 11.7 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.846 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

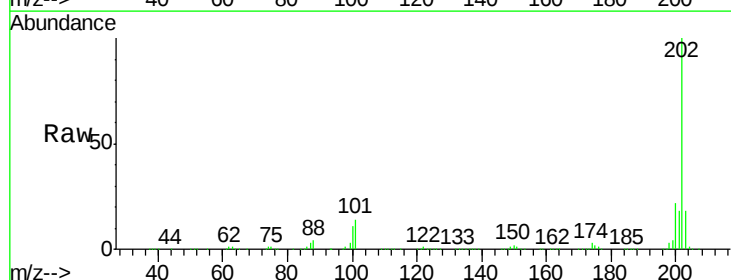
Tgt Ion:202 Resp: 1210233

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

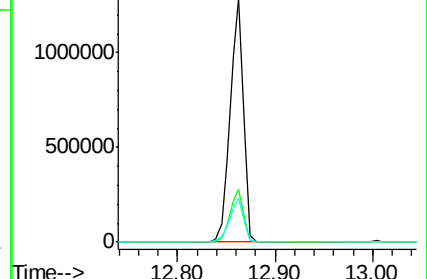
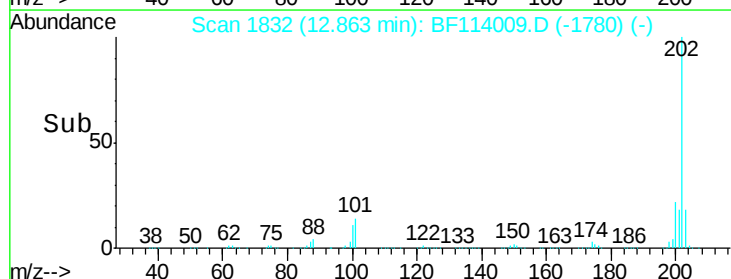
203 18.0 15.0 22.6

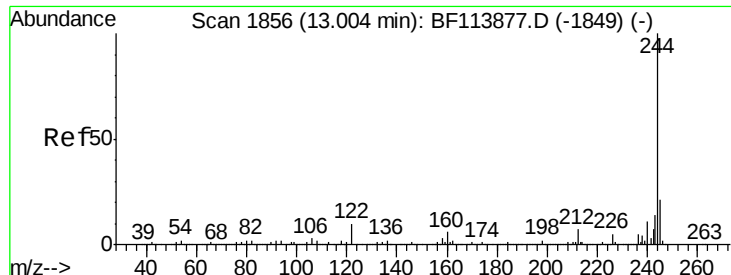


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.636 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

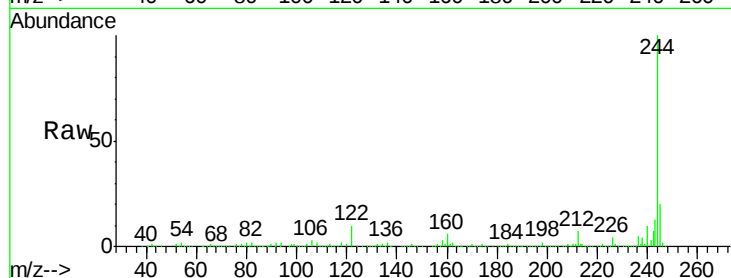
Tot Ion:244 Resp: 1687120

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

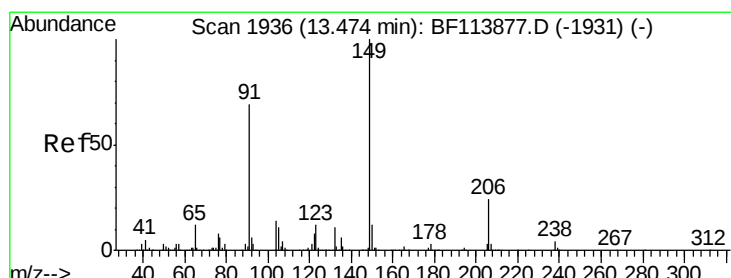
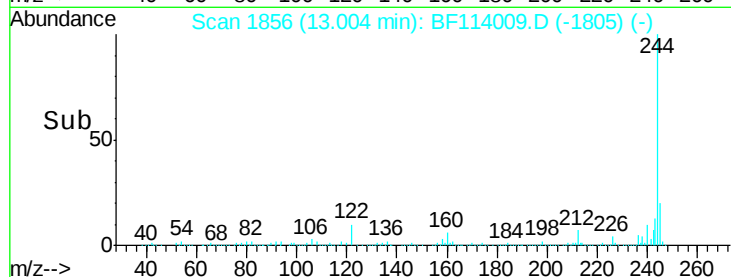
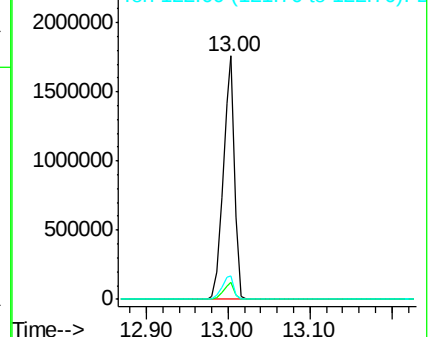
122 9.7 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.611 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

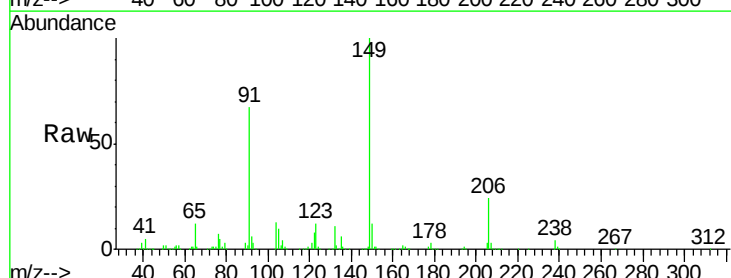
Tgt Ion:149 Resp: 496732

Ion Ratio Lower Upper

149 100

91 67.3 56.3 84.5

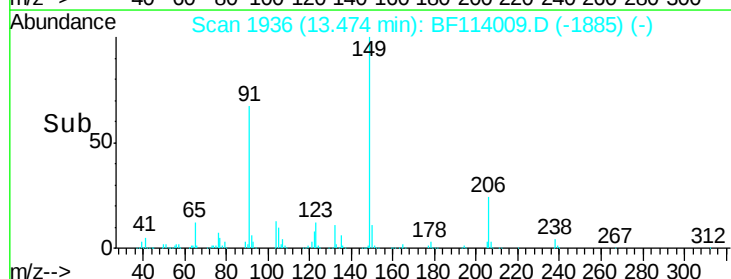
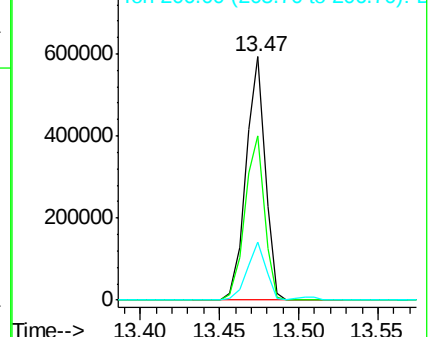
206 23.6 19.0 28.6

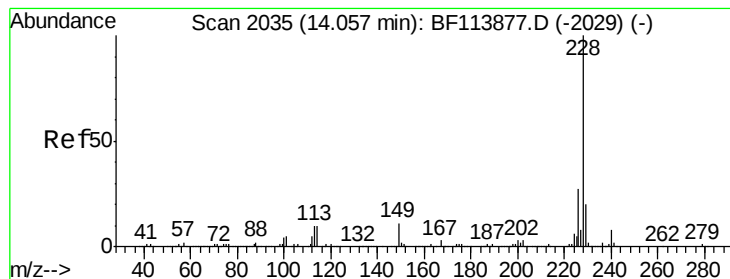


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.283 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

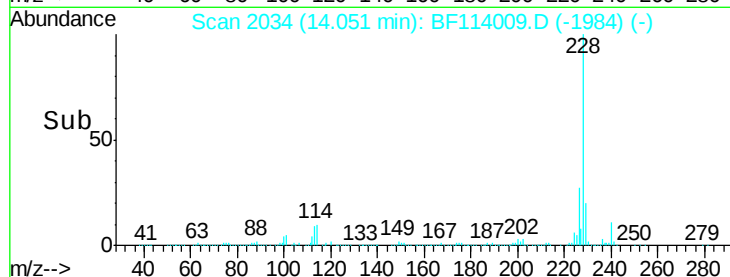
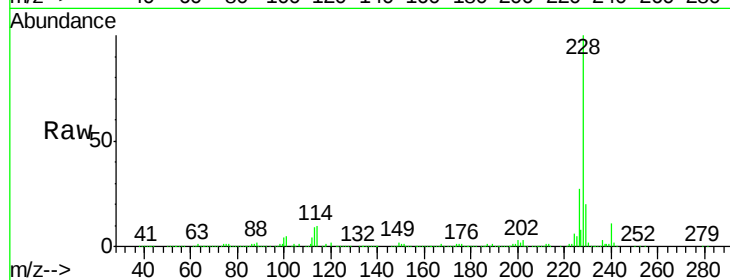
Tot Ion:228 Resp: 1055491

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.2	33.2
229	20.0	16.0	24.0

228 100

226 26.8 22.2 33.2

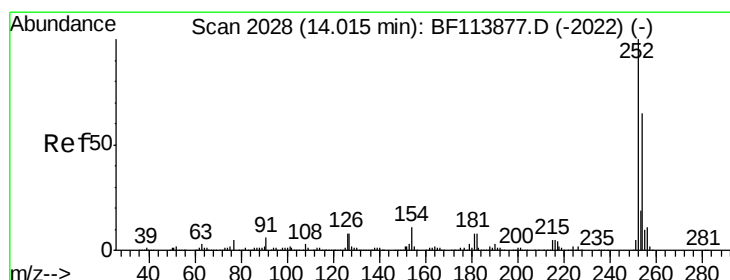
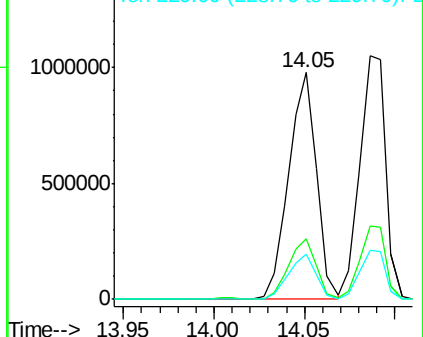
229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.795 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

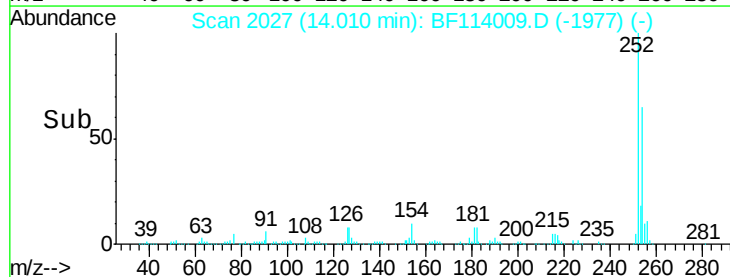
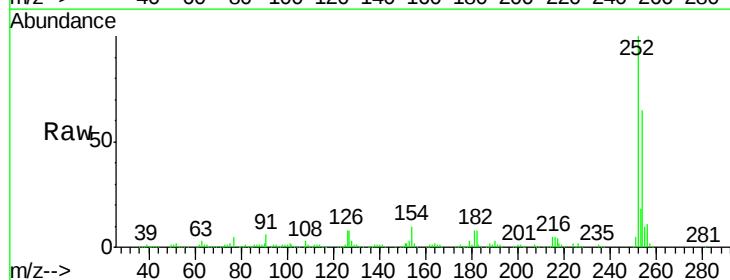
Tgt Ion:252 Resp: 300061

Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.1	78.1
126	8.5	9.3	13.9

252 100

254 64.6 52.1 78.1

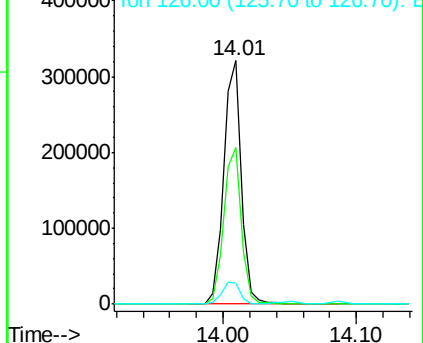
126 8.5 9.3 13.9

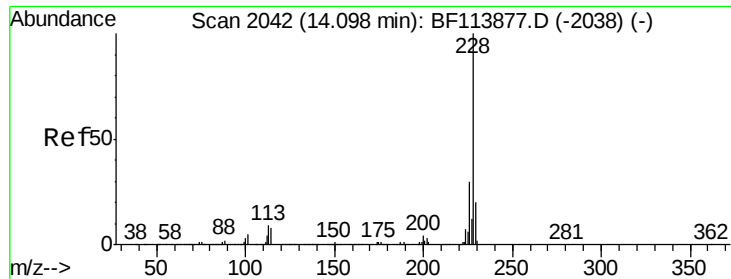


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.005 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

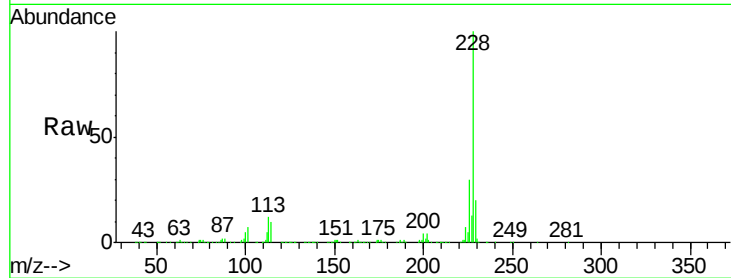
Tot Ion:228 Resp: 1045506

Ion Ratio Lower Upper

228 100

226 29.9 25.2 37.8

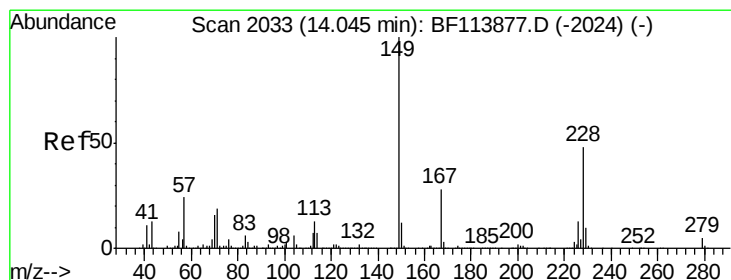
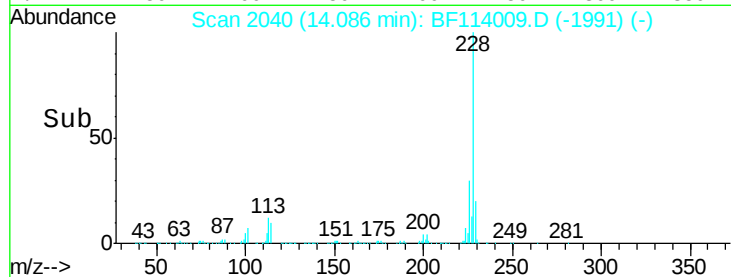
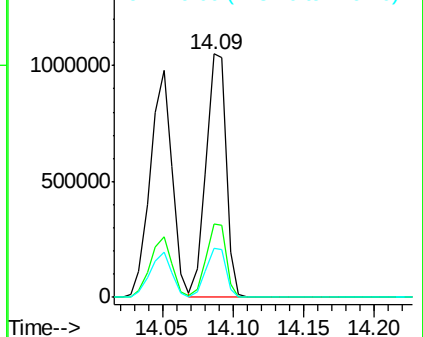
229 20.0 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.281 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

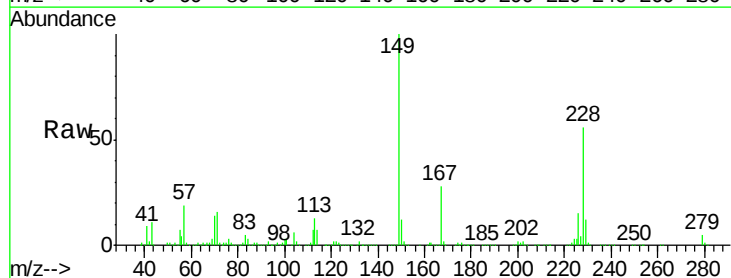
Tgt Ion:149 Resp: 671611

Ion Ratio Lower Upper

149 100

167 28.4 22.9 34.3

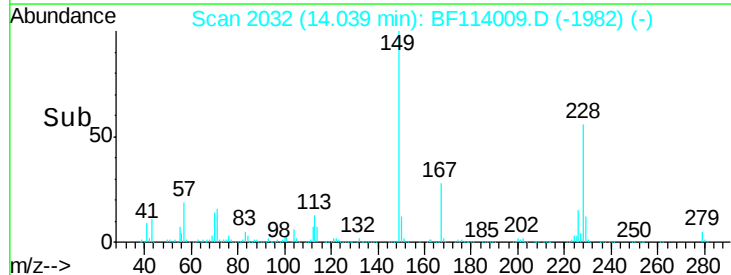
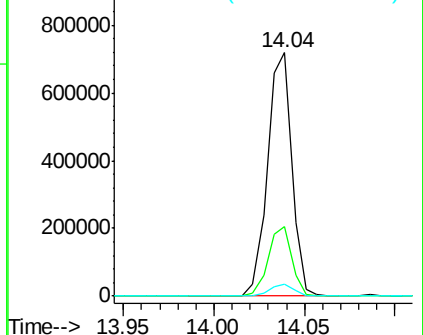
279 5.1 4.2 6.2

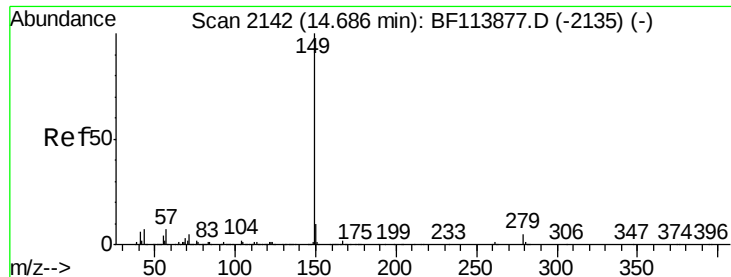


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.567 ng

RT: 14.66 min Scan# 2138

Delta R.T. -0.02 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

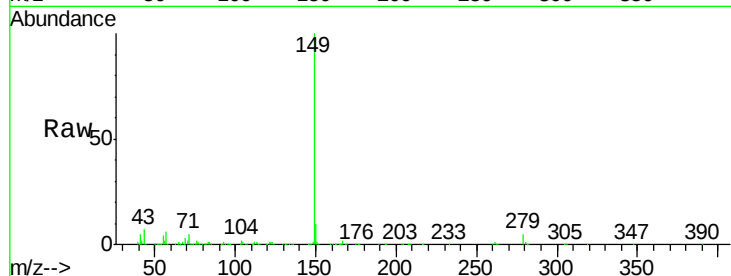
Tot Ion:149 Resp: 1104294

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

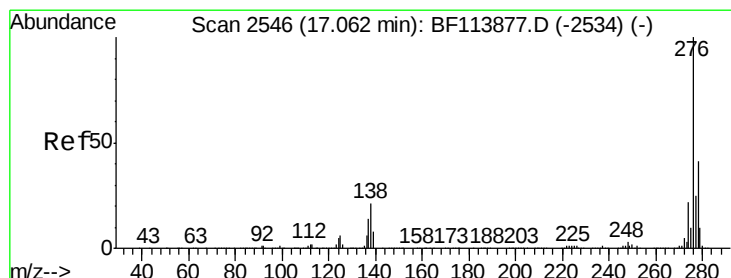
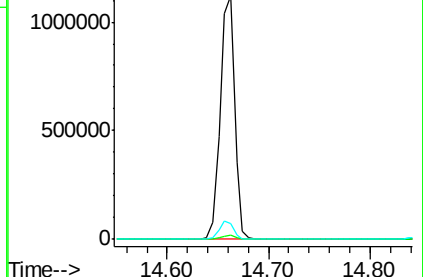
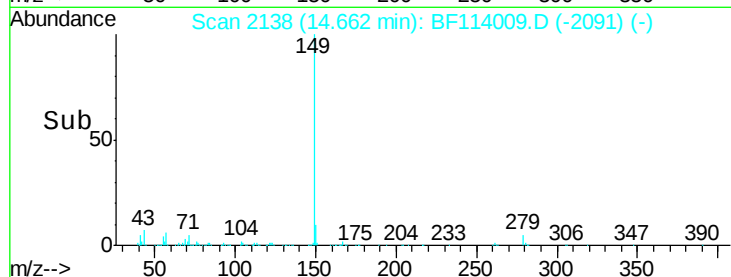
43 7.3 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.621 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.02 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

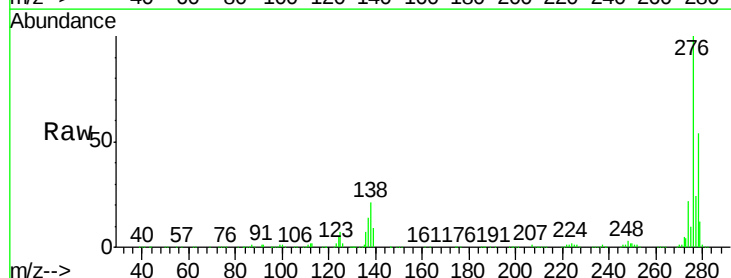
Tgt Ion:276 Resp: 843333

Ion Ratio Lower Upper

276 100

138 22.9 19.6 29.4

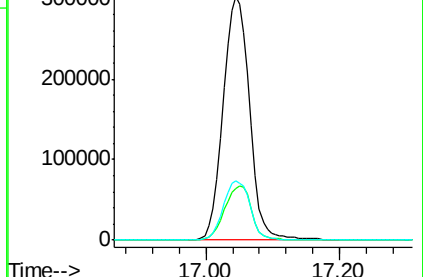
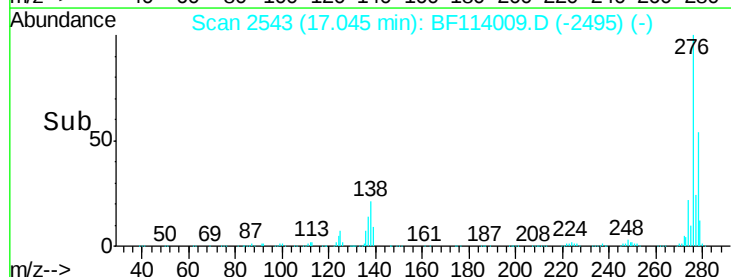
277 25.0 20.2 30.4

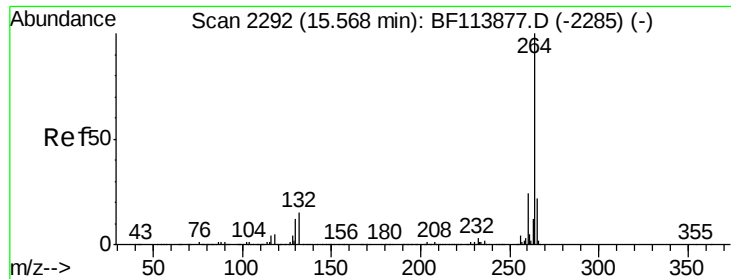


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



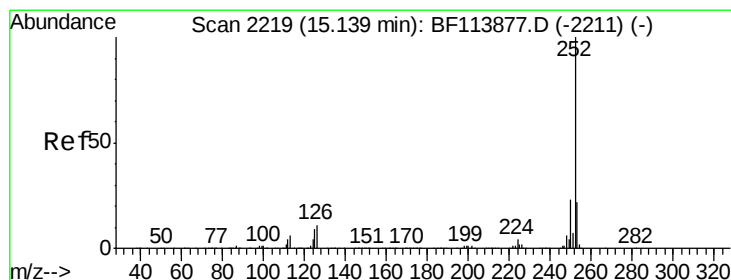
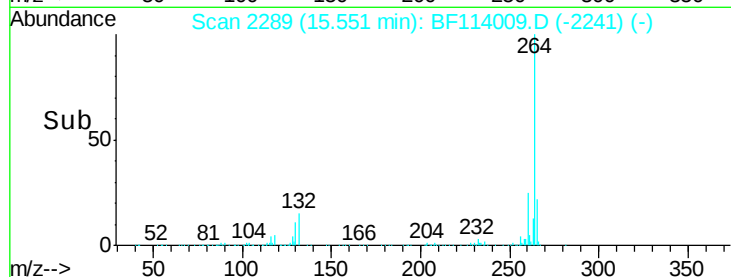
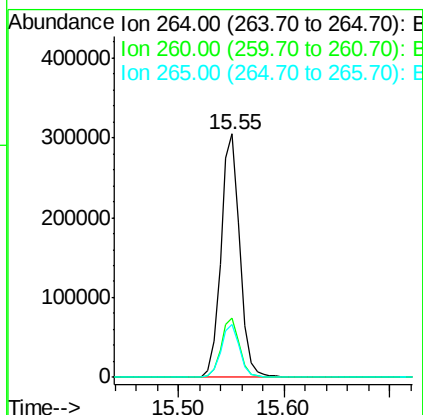
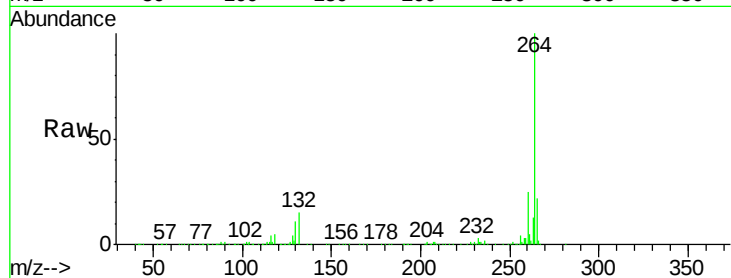


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

Tot Ion:264 Resp: 377912

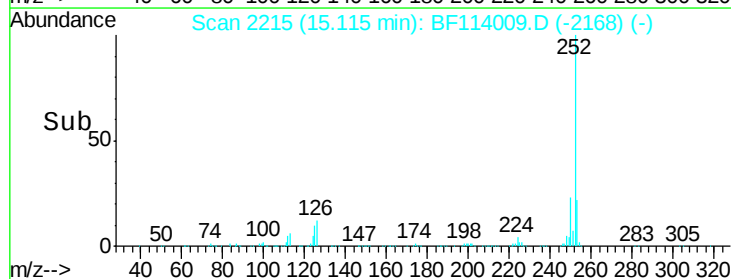
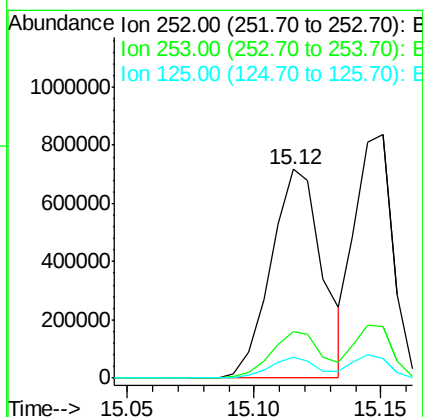
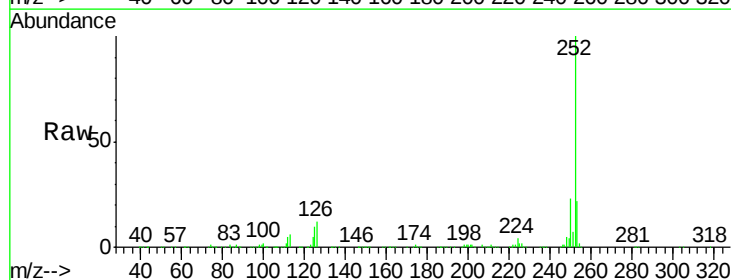
Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.9	28.3
265	21.5	17.3	25.9

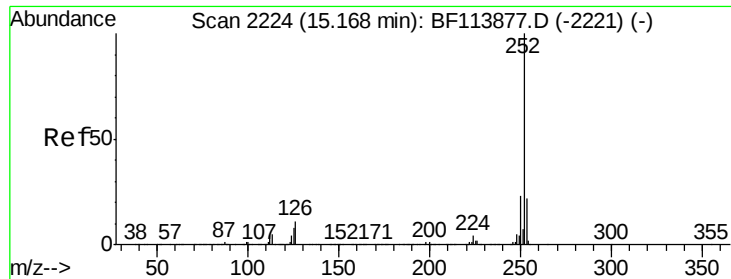


#88
Benzo(b)fluoranthene
Concen: 42.462 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion:252 Resp: 1015271

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	9.9	7.0	10.6

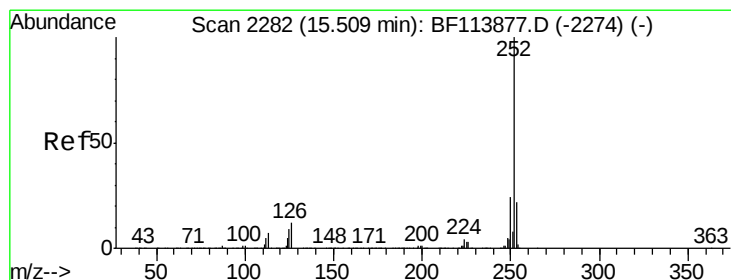
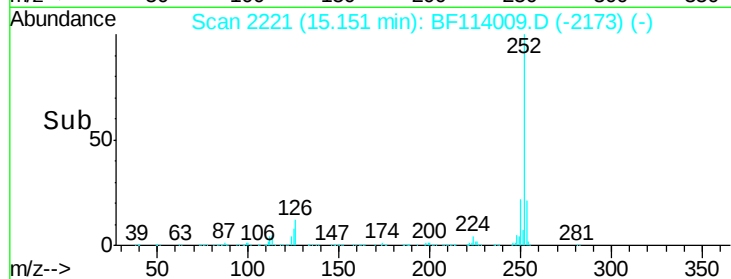
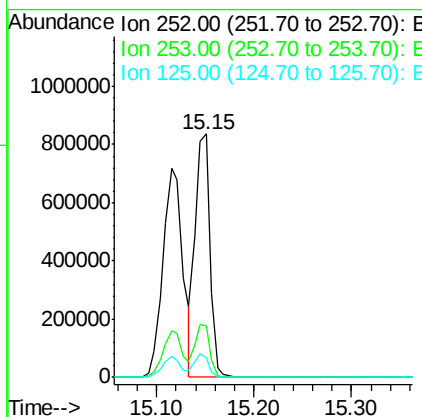
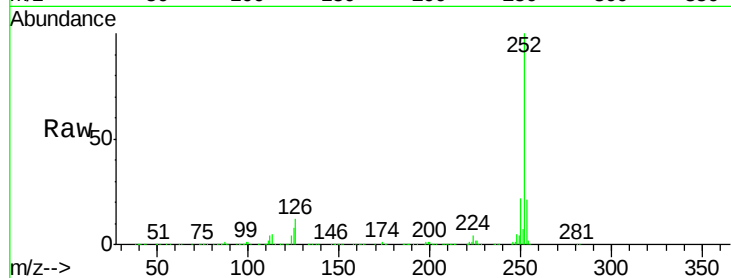




#89
Benzo(k)fluoranthene
Concen: 42.506 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

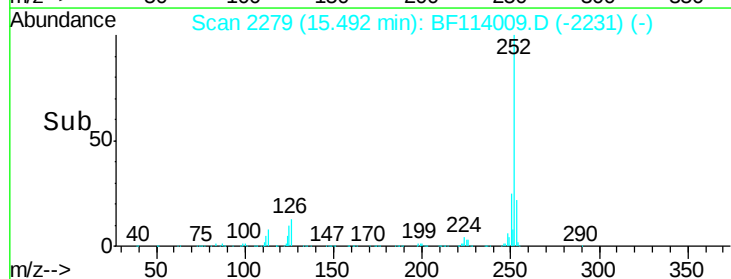
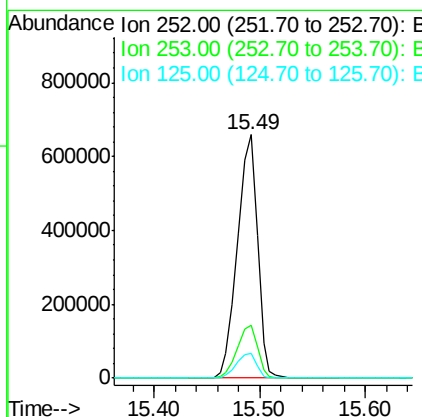
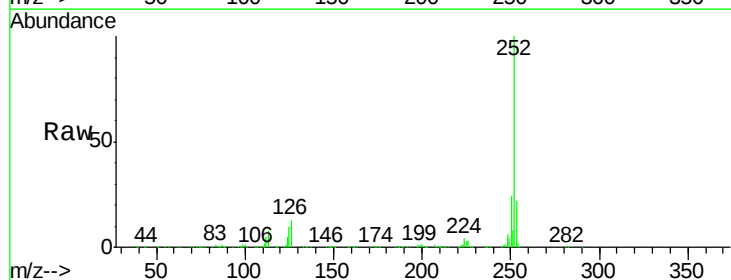
Instrument :
BNA_F
ClientSampled :
PB119084BS

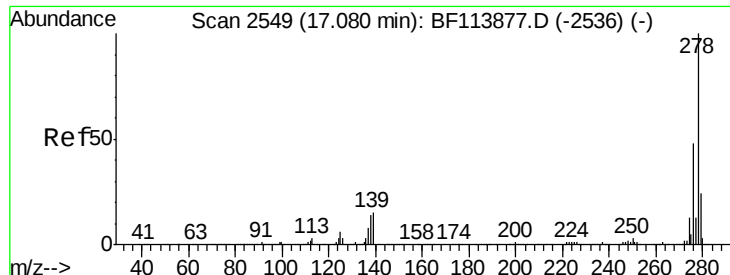
Tot Ion:252 Resp: 874217
Ion Ratio Lower Upper
252 100
253 21.2 18.2 27.2
125 8.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 41.951 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion:252 Resp: 867599
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.0 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 36.541 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.02 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

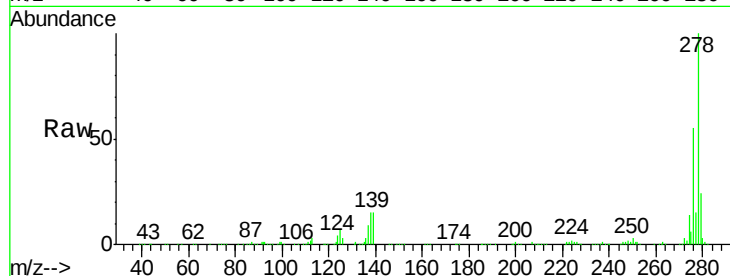
Tot Ion:278 Resp: 709396

Ion Ratio Lower Upper

278 100

139 14.7 11.6 17.4

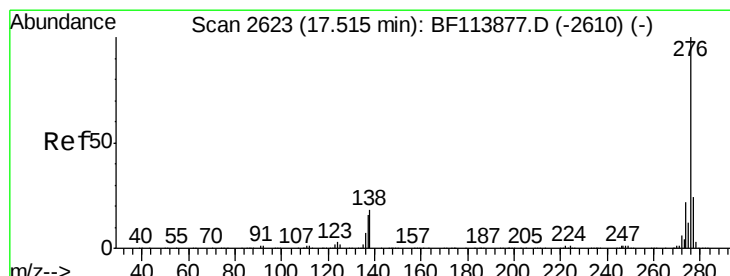
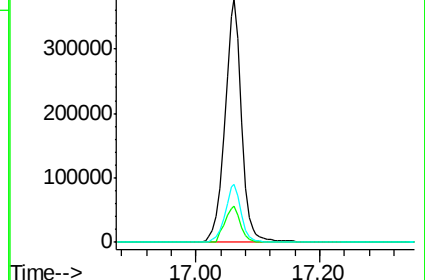
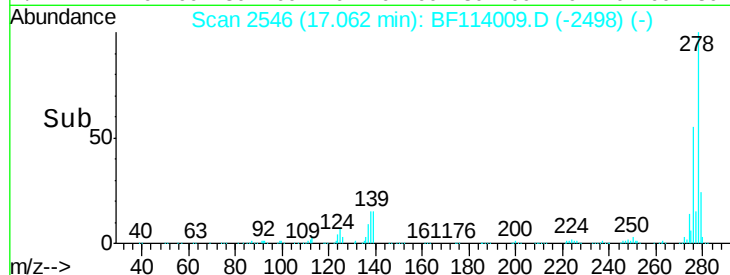
279 23.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 34.978 ng

RT: 17.50 min Scan# 2620

Delta R.T. -0.02 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

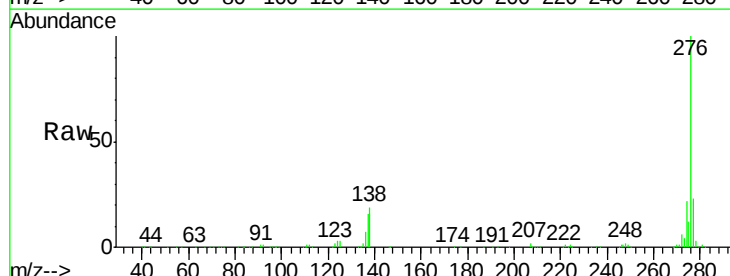
Tgt Ion:276 Resp: 685280

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 18.7 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

