

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
 Data File : BF114076.D
 Acq On : 1 May 2019 18:40
 Operator : JU/SJ
 Sample : K2191-01MSDRE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 01:03:12 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	80784	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	299490	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	156031	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	309260	20.00	ng	0.00
76) Chrysene-d12	14.07	240	254394	20.00	ng	0.00
87) Perylene-d12	15.56	264	188149	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	584048	123.65	ng	0.00
7) Phenol-d6	6.53	99	753251	127.11	ng	0.01
23) Nitrobenzene-d5	7.46	82	439813	90.67	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	231422	121.75	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	794846	79.67	ng	0.00
79) Terphenyl-d14	13.00	244	889941	71.72	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.67	88	88649	39.816	ng	97
3) Pyridine	3.45	79	224425	36.928	ng	99
4) n-Nitrosodimethylamine	3.38	42	83611	40.191	ng	95
6) Aniline	6.56	93	145042	17.824	ng	93
8) 2-Chlorophenol	6.69	128	227628	42.212	ng	99
9) Benzaldehyde	6.45	77	55389	11.940	ng	93
10) Phenol	6.55	94	316656	44.688	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	222413	41.711	ng	98
12) 1,3-Dichlorobenzene	6.84	146	244149	39.976	ng	99
13) 1,4-Dichlorobenzene	6.92	146	249979	40.694	ng	99
14) 1,2-Dichlorobenzene	7.07	146	234847	41.599	ng	99
15) Benzyl Alcohol	7.03	79	199728	50.044	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	242481	38.955	ng	92
17) 2-Methylphenol	7.15	107	191726	40.561	ng	98
18) Hexachloroethane	7.41	117	57402	26.657	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	162491	42.343	ng	97
20) 3+4-Methylphenols	7.30	107	235365	44.072	ng	# 62
22) Acetophenone	7.30	105	323476	48.536	ng	# 95
24) Nitrobenzene	7.47	77	242943	45.328	ng	100
25) Isophorone	7.72	82	445211	44.858	ng	100
26) 2-Nitrophenol	7.79	139	107974	44.160	ng	96
27) 2,4-Dimethylphenol	7.83	122	203738	51.143	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	285872	45.202	ng	100
29) 2,4-Dichlorophenol	8.04	162	212960	46.748	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	220455	43.402	ng	98
31) Naphthalene	8.20	128	659506	46.355	ng	99
32) Benzoic acid	7.93	122	33458	12.437	ng	96
33) 4-Chloroaniline	8.25	127	83988	13.951	ng	99
34) Hexachlorobutadiene	8.32	225	131893	41.653	ng	99
35) Caprolactam	8.61	113	64203	44.304	ng	97
36) 4-Chloro-3-methylphenol	8.73	107	208762	46.256	ng	97
37) 2-Methylnaphthalene	8.89	142	451340	47.043	ng	97
38) 1-Methylnaphthalene	8.99	142	420601	45.421	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	226318	44.653	ng	98

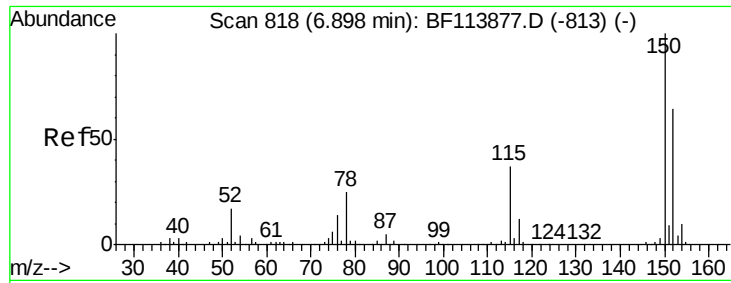
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
 Data File : BF114076.D
 Acq On : 1 May 2019 18:40
 Operator : JU/SJ
 Sample : K2191-01MSDRE
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	8373	2.962	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	153577	47.718	ng	100
44) 2,4,5-Trichlorophenol	9.22	196	164889	45.677	ng	98
46) 1,1'-Biphenyl	9.36	154	541427	45.423	ng	99
47) 2-Chloronaphthalene	9.39	162	428432	44.199	ng	99
48) 2-Nitroaniline	9.47	65	135242	53.223	ng	93
49) Acenaphthylene	9.80	152	640860	42.231	ng	98
50) Dimethylphthalate	9.65	163	639986	56.714	ng	99
51) 2,6-Dinitrotoluene	9.72	165	106621	44.041	ng	98
52) Acenaphthene	9.97	154	374599	41.770	ng	98
53) 3-Nitroaniline	9.88	138	88347	34.728	ng	100
54) 2,4-Dinitrophenol	10.00	184	6367	13.766	ng	# 7
55) Dibenzofuran	10.15	168	592381	44.097	ng	99
56) 4-Nitrophenol	10.06	139	177841	88.292	ng	94
57) 2,4-Dinitrotoluene	10.12	165	130547	42.722	ng	98
58) Fluorene	10.49	166	446551	44.152	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	139625	44.013	ng	99
60) Diethylphthalate	10.35	149	496486	46.332	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	242459	45.267	ng	100
62) 4-Nitroaniline	10.50	138	120243	48.435	ng	96
63) Azobenzene	10.63	77	426751	41.090	ng	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	7700	11.913	ng	# 69
66) n-Nitrosodiphenylamine	10.59	169	415810	44.810	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	172718	46.231	ng	97
68) Hexachlorobenzene	11.04	284	183600	44.721	ng	94
69) Atrazine	11.12	200	146542	48.546	ng	99
70) Pentachlorophenol	11.23	266	181503	78.084	ng	98
71) Phenanthrene	11.45	178	715369	46.028	ng	99
72) Anthracene	11.50	178	747273	47.612	ng	98
73) Carbazole	11.65	167	692814	49.479	ng	99
74) Di-n-butylphthalate	11.98	149	827013	50.210	ng	99
75) Fluoranthene	12.65	202	682712	40.262	ng	97
77) Benzidine	12.76	184	66538	8.778	ng	# 96
78) Pyrene	12.87	202	694977	39.065	ng	98
80) Butylbenzylphthalate	13.47	149	321543	45.938	ng	97
81) Benzo(a)anthracene	14.06	228	641477	42.798	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	159558	29.044	ng	# 99
83) Chrysene	14.10	228	702662	48.136	ng	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	485009	54.461	ng	99
85) Di-n-octyl phthalate	14.66	149	896249	64.297	ng	98
86) Indeno(1,2,3-cd)pyrene	17.07	276	454097	32.841	ng	98
88) Benzo(b)fluoranthene	15.13	252	606061	50.912	ng	100
89) Benzo(k)fluoranthene	15.15	252	530685	51.827	ng	98
90) Benzo(a)pyrene	15.50	252	460672	44.741	ng	99
91) Dibenzo(a,h)anthracene	17.08	278	396792	41.053	ng	99
92) Benzo(g,h,i)perylene	17.53	276	369845	37.917	ng	98

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

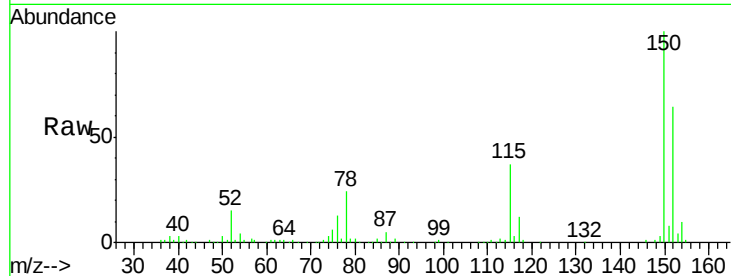


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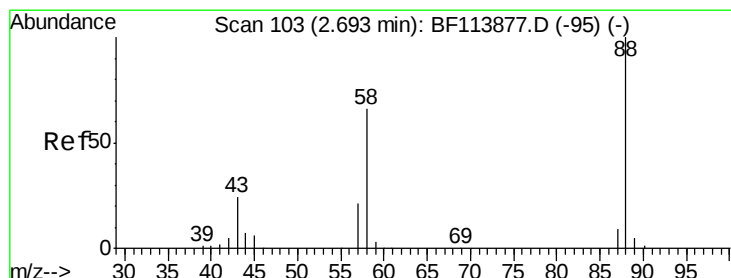
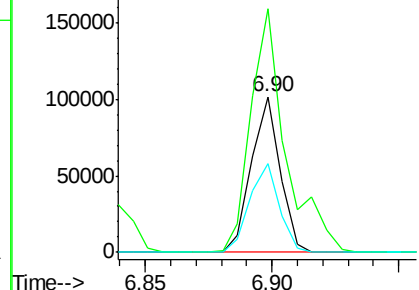
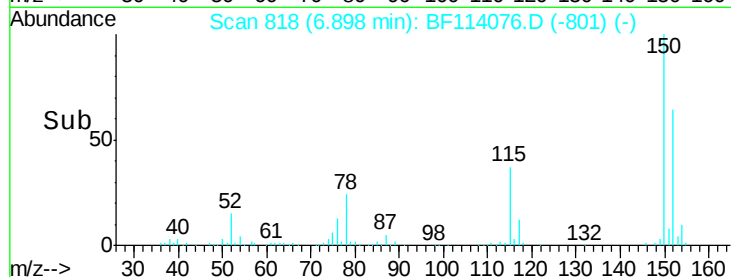
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 80784
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.9 188.9
 115 57.3 45.9 68.9



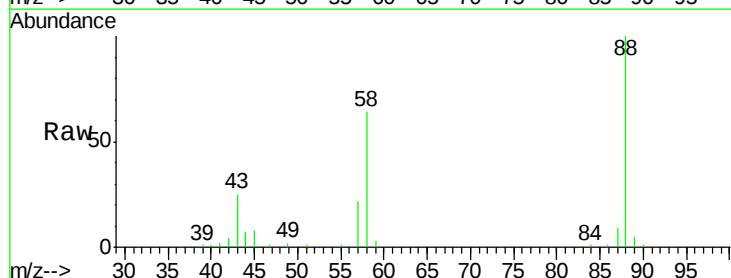
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



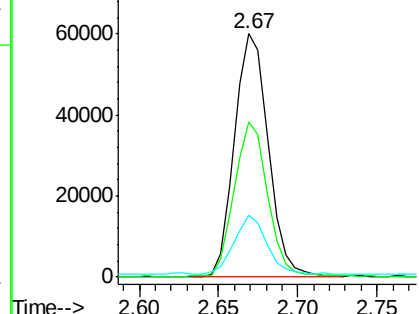
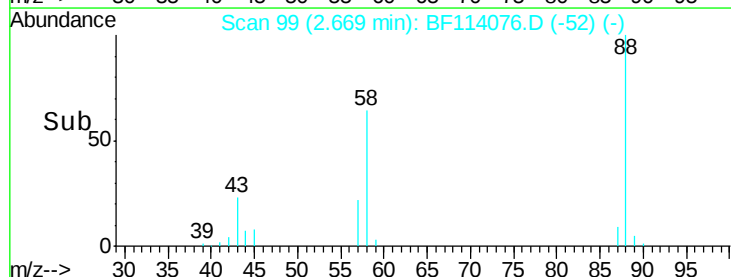
#2

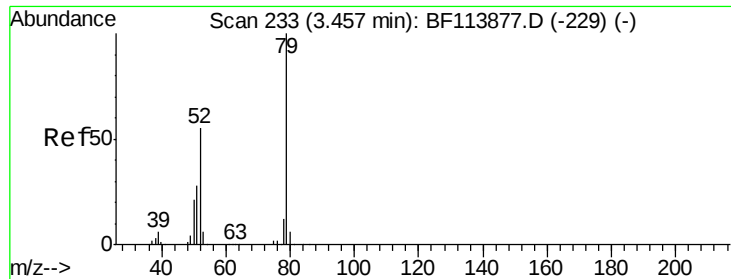
1,4-Dioxane
 Concen: 39.816 ng
 RT: 2.67 min Scan# 99
 Delta R.T. -0.02 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

Tgt Ion: 88 Resp: 88649
 Ion Ratio Lower Upper
 88 100
 58 63.9 53.3 79.9
 43 24.0 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

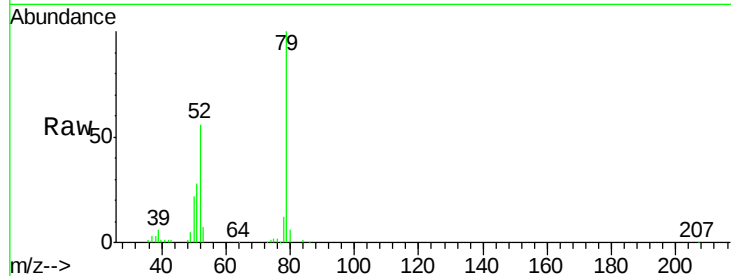




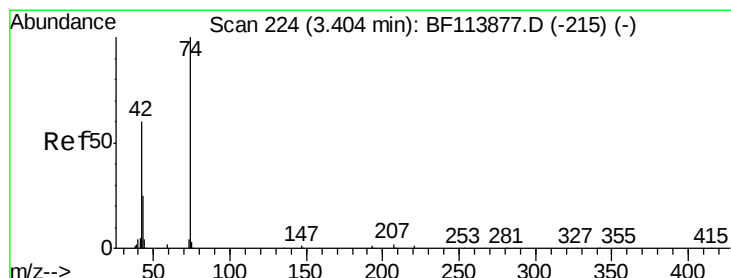
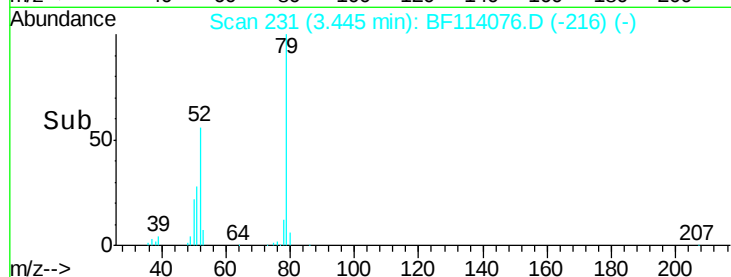
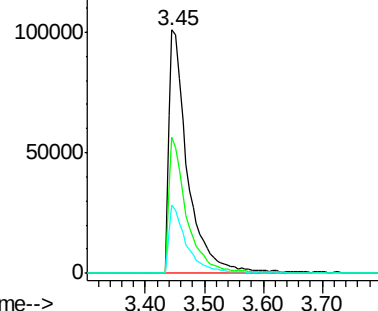
#3
 Pvridine
 Concen: 36.928 ng
 RT: 3.45 min Scan# 231
 Delta R.T. -0.01 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 224425
 Ion Ratio Lower Upper
 79 100
 52 55.8 45.3 67.9
 51 28.0 22.1 33.1

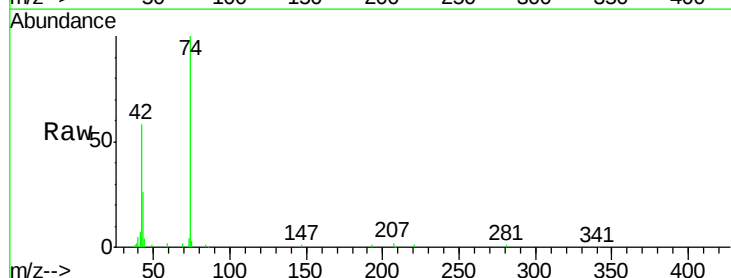


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

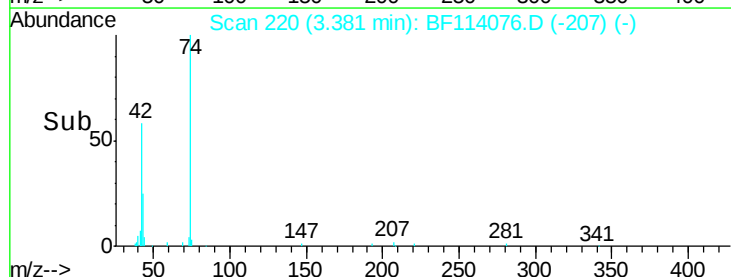
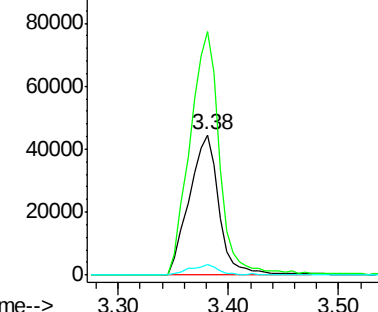


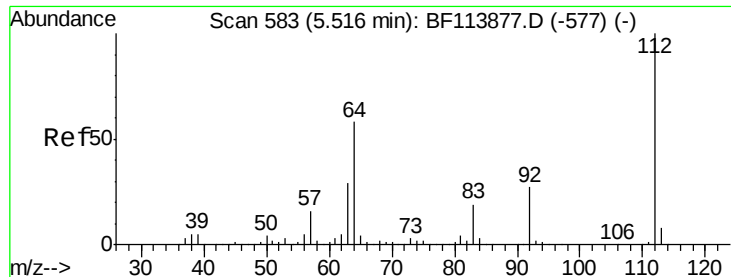
#4
 n-Nitrosodimethylamine
 Concen: 40.191 ng
 RT: 3.38 min Scan# 220
 Delta R.T. -0.02 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

Tgt Ion: 42 Resp: 83611
 Ion Ratio Lower Upper
 42 100
 74 173.3 132.6 198.8
 44 7.5 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 123.654 ng

RT: 5.52 min Scan# 584

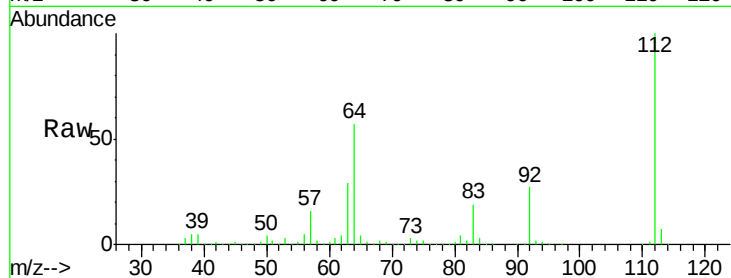
Delta R.T. 0.01 min

Lab File: BF114076.D

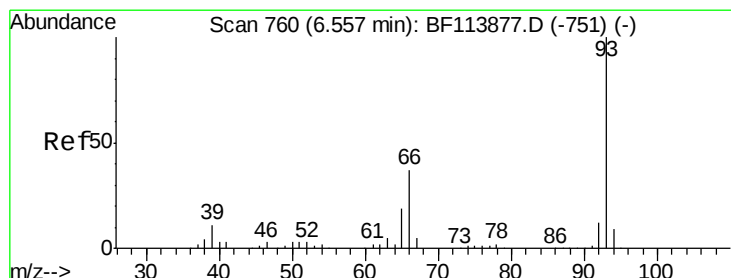
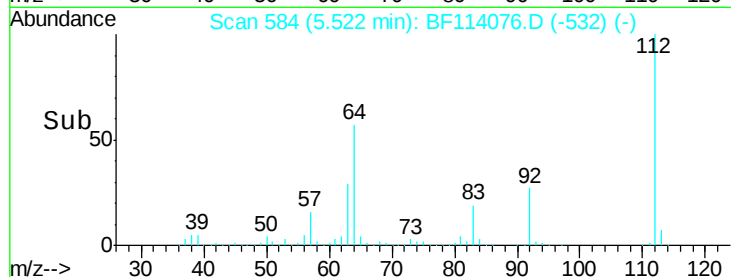
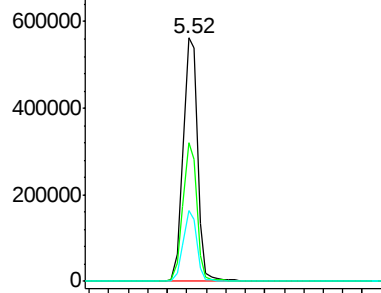
Acq: 1 May 2019 18:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	584048
Ion	Ratio	Lower	Upper
112	100		
64	56.9	46.6	69.8
63	28.8	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: 17.824 ng

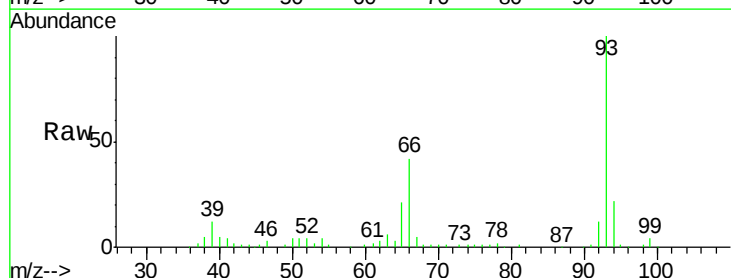
RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

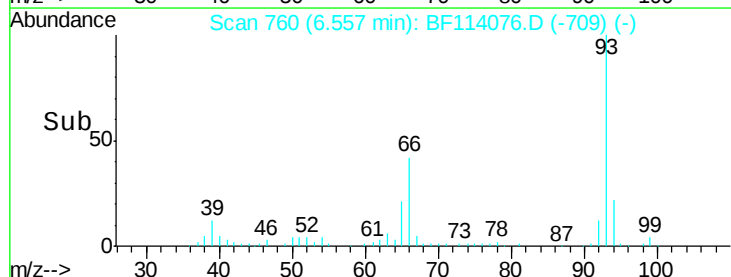
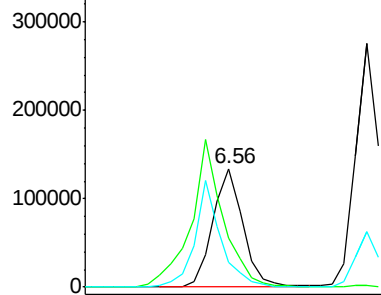
Lab File: BF114076.D

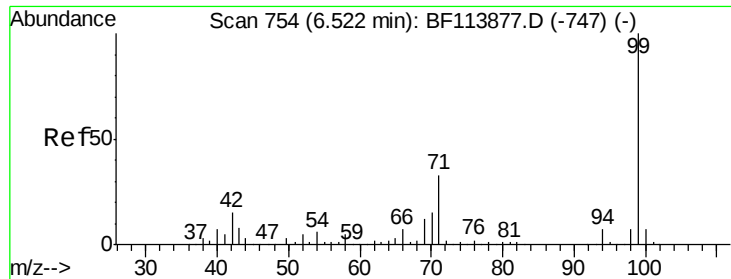
Acq: 1 May 2019 18:40

Tgt Ion:	93	Resp:	145042
Ion	Ratio	Lower	Upper
93	100		
66	41.6	29.8	44.6
65	21.0	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: 127.113 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

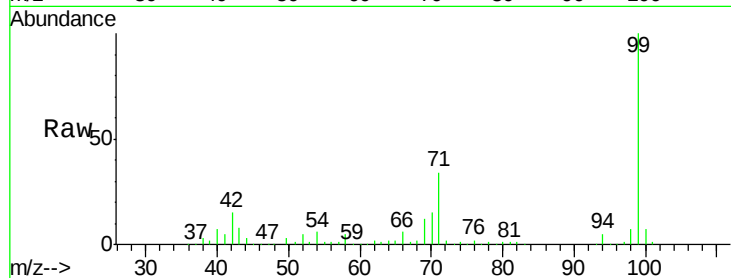
Tot Ion: 99 Resp: 753251

Ion Ratio Lower Upper

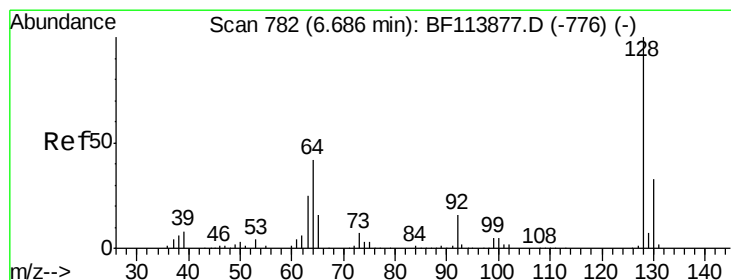
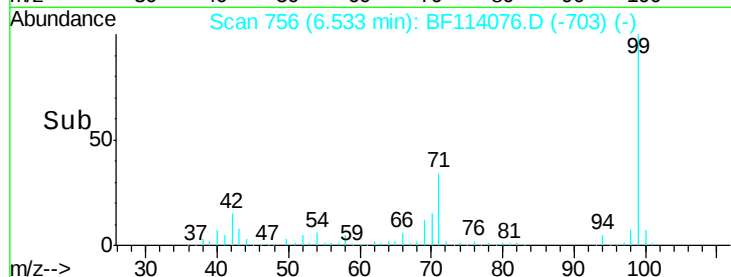
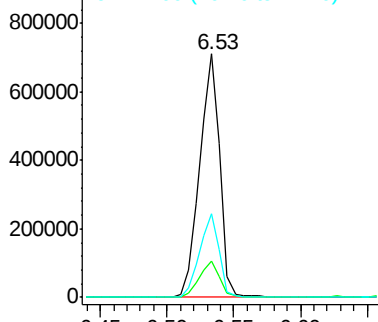
99 100

42 15.1 12.5 18.7

71 34.4 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: 42.212 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

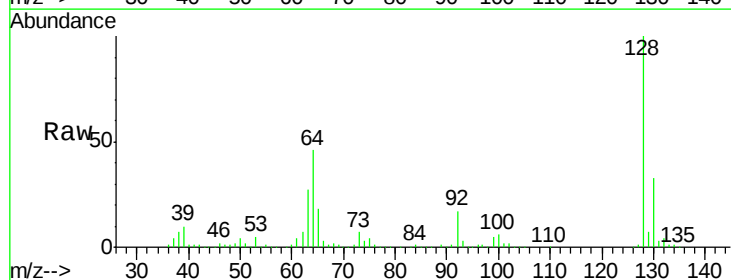
Tgt Ion: 128 Resp: 227628

Ion Ratio Lower Upper

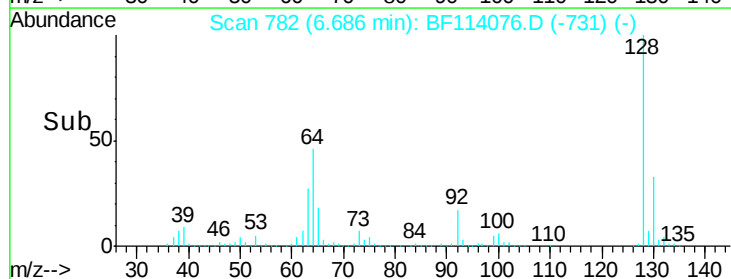
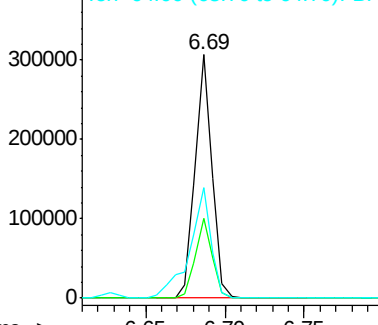
128 100

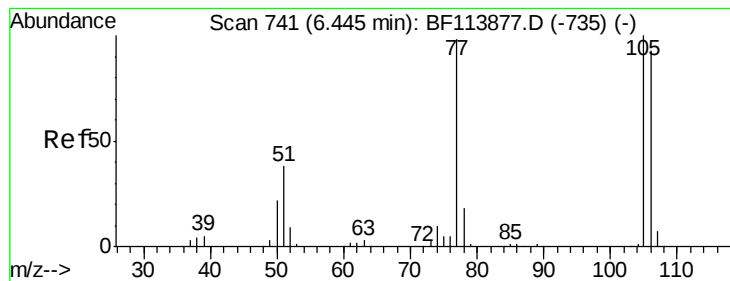
130 32.6 12.3 52.3

64 45.6 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: 11.940 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

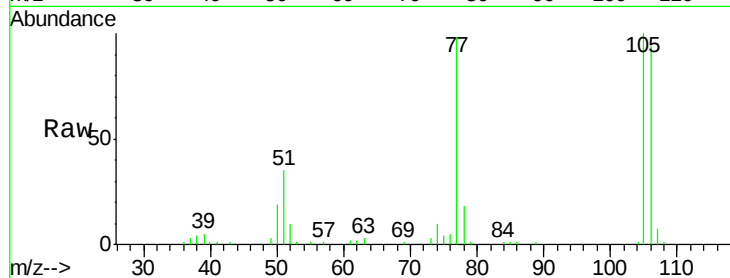
Tot Ion: 77 Resp: 55389

Ion Ratio Lower Upper

77 100

105 102.4 74.1 114.1

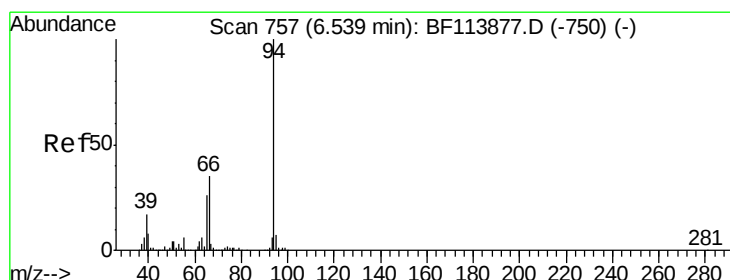
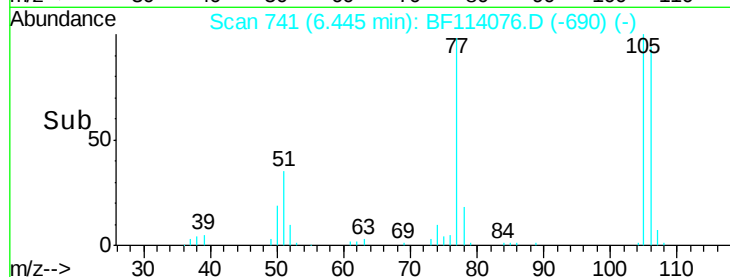
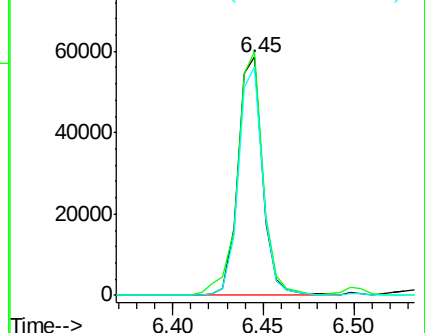
106 96.0 70.3 110.3



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: 44.688 ng

RT: 6.55 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

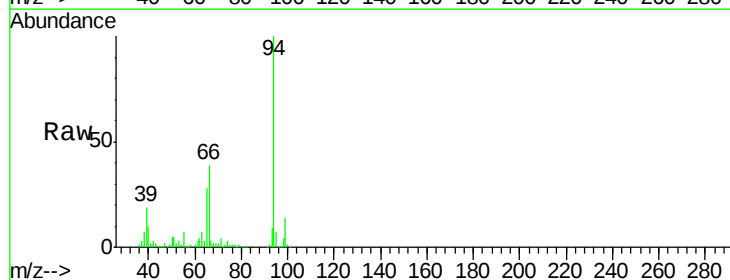
Tgt Ion: 94 Resp: 316656

Ion Ratio Lower Upper

94 100

65 28.4 8.1 48.1

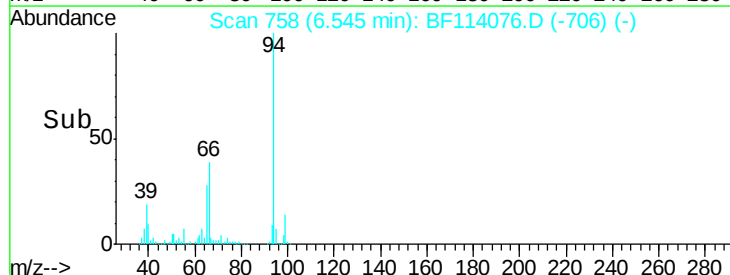
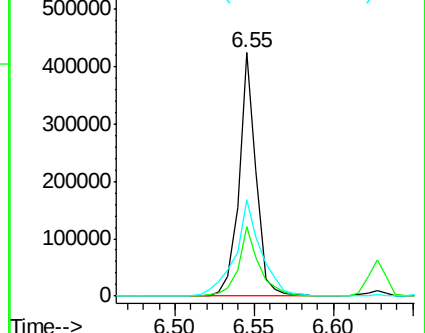
66 39.5 16.6 56.6

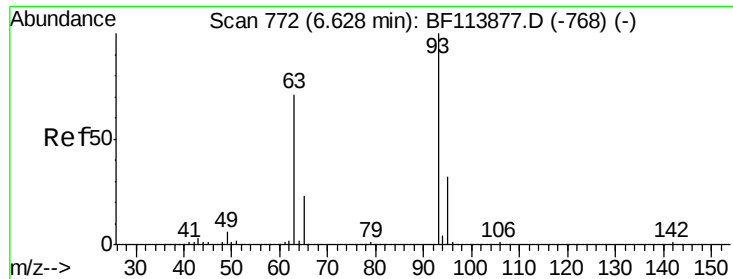


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

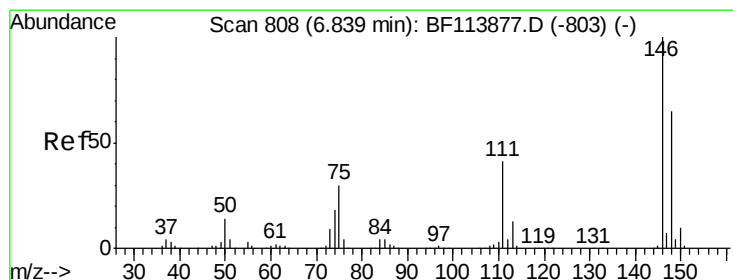
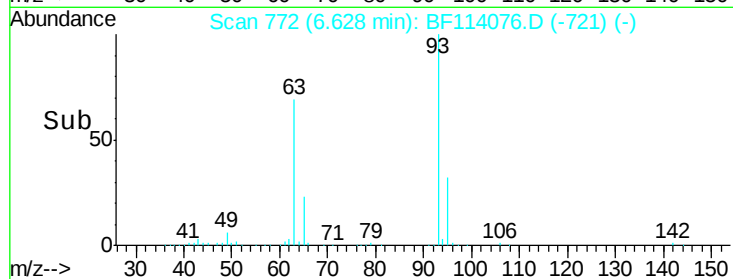
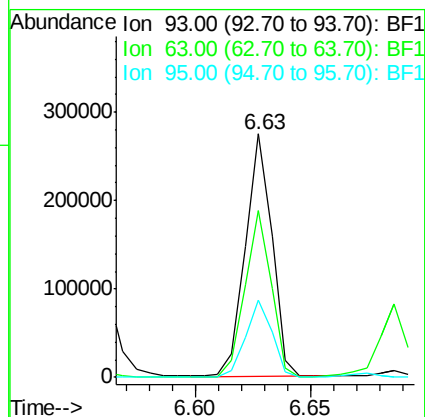
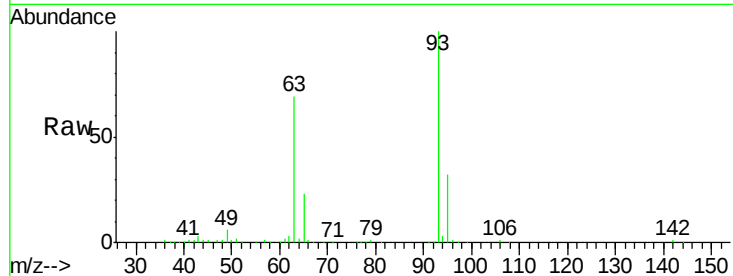




#11
bis(2-Chloroethyl)ether
Concen: 41.711 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

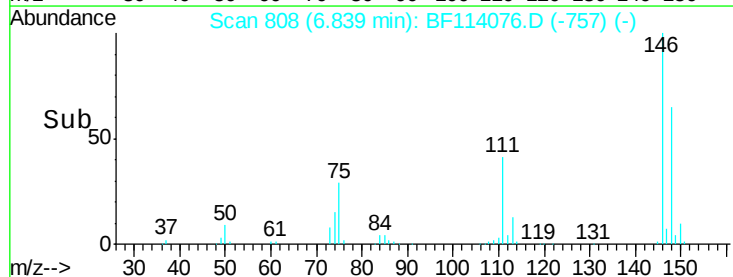
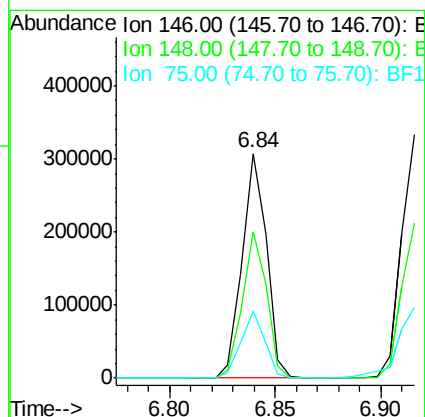
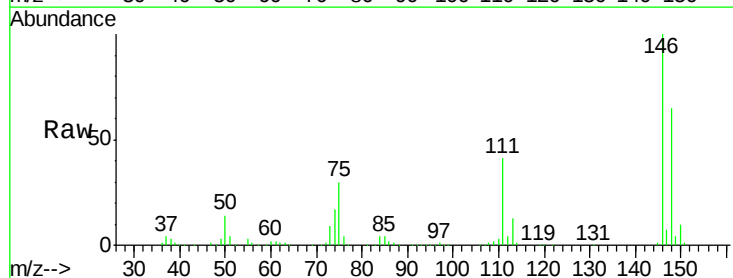
Instrument :
BNA_F
ClientSampleId :

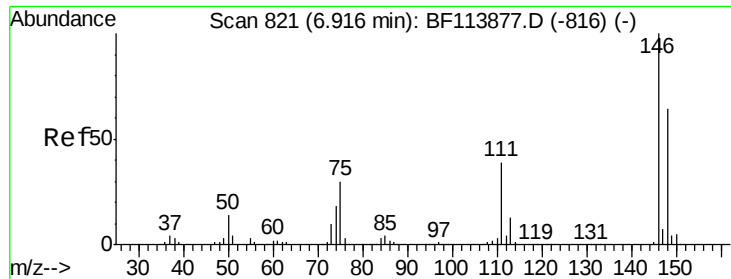
Tot Ion: 93 Resp: 222413
Ion Ratio Lower Upper
93 100
63 68.8 50.7 90.7
95 31.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 39.976 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion: 146 Resp: 244149
Ion Ratio Lower Upper
146 100
148 65.0 51.0 76.6
75 29.9 23.8 35.8

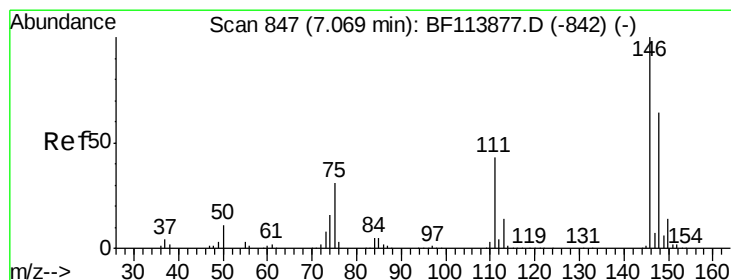
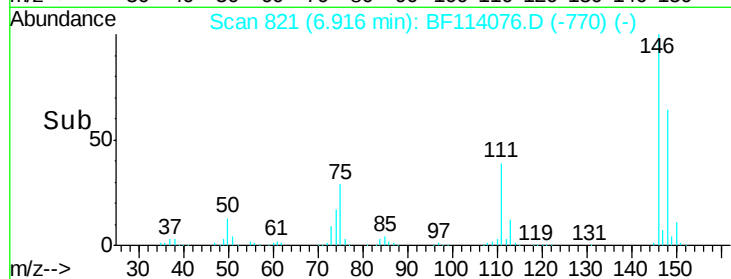
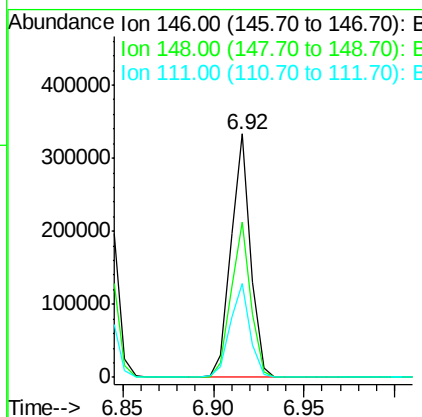
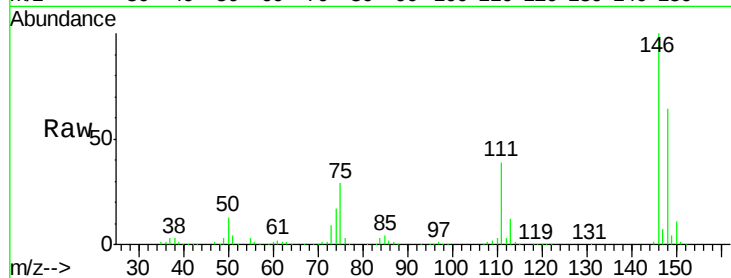




#13
 1,4-Dichlorobenzene
 Concen: 40.694 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

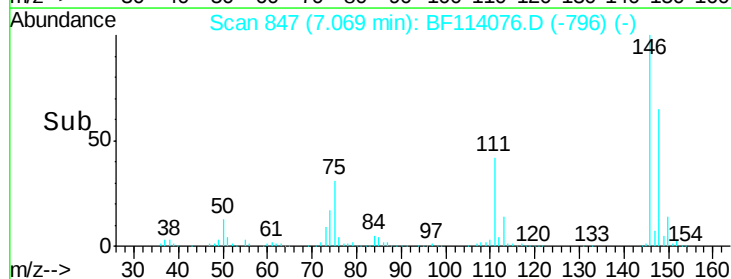
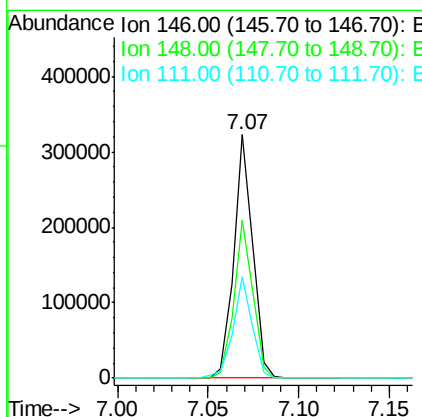
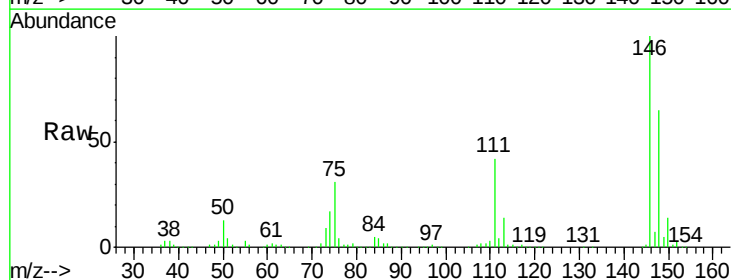
Instrument :
 BNA_F
 ClientSampleId :

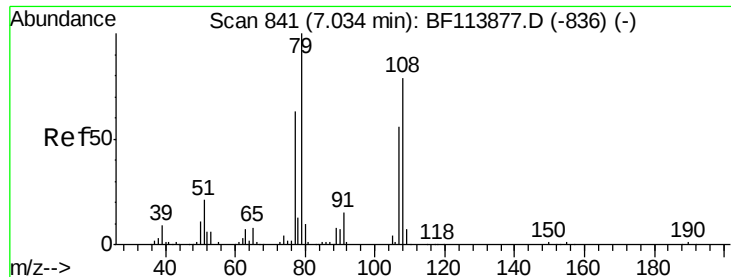
Tot Ion:146 Resp: 249979
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.8
 111 38.7 30.9 46.3



#14
 1,2-Dichlorobenzene
 Concen: 41.599 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

Tgt Ion:146 Resp: 234847
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.1 78.1
 111 41.7 34.2 51.4





#15

Benzyl Alcohol

Concen: 50.044 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

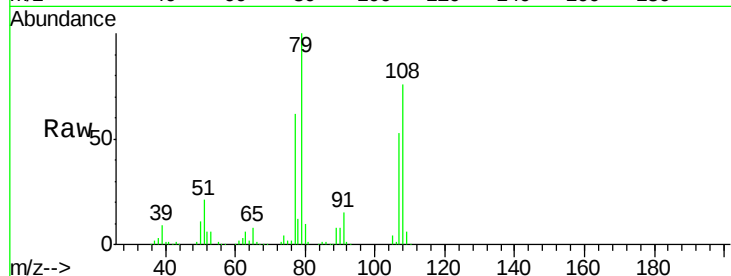
Tot Ion: 79 Resp: 199728

Ion Ratio Lower Upper

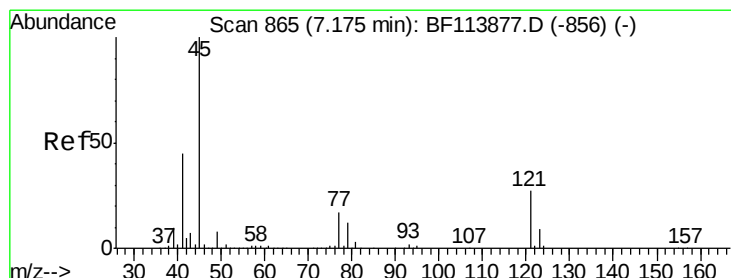
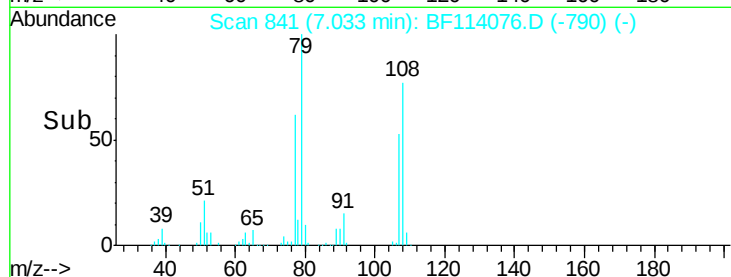
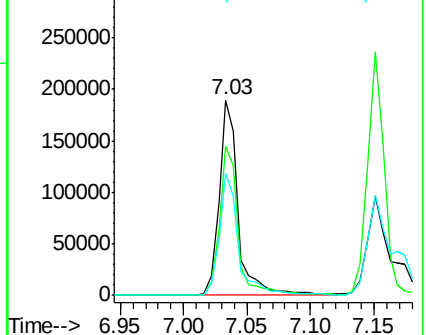
79 100

108 76.4 61.4 92.0

77 62.2 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.955 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

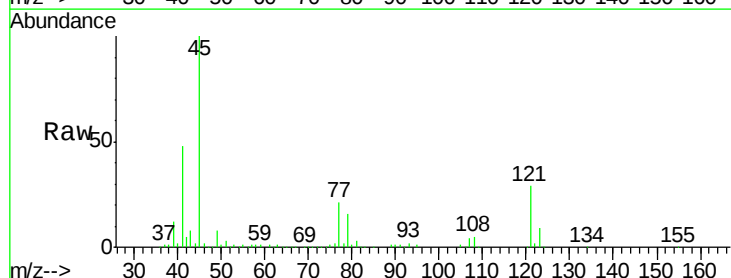
Tgt Ion: 45 Resp: 242481

Ion Ratio Lower Upper

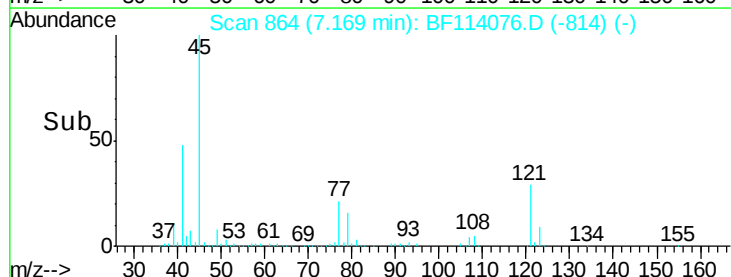
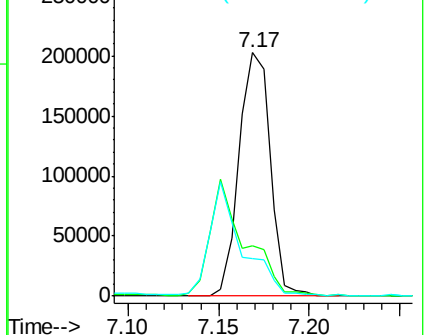
45 100

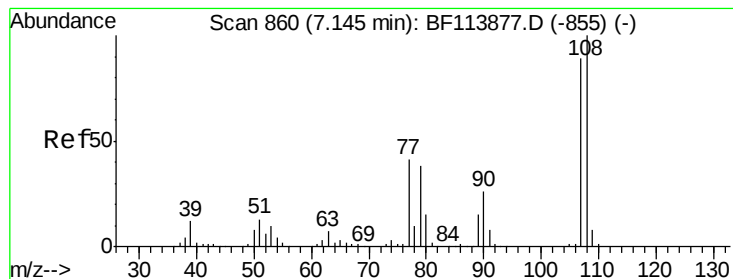
77 20.8 0.0 37.0

79 15.6 0.0 32.7



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

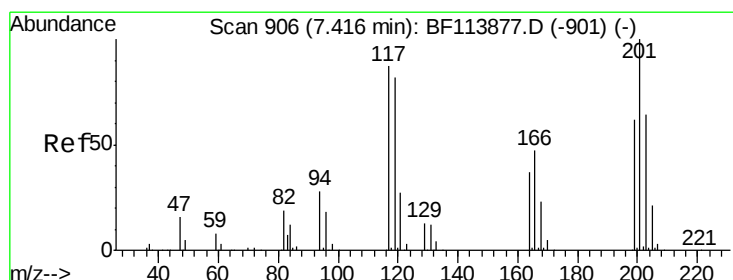
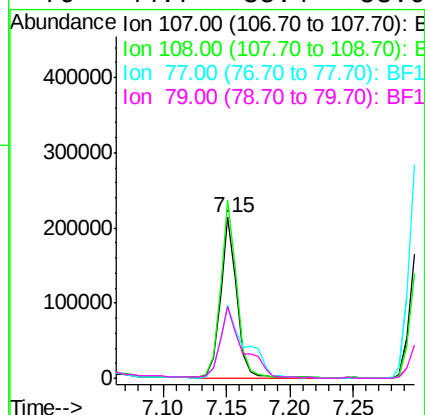
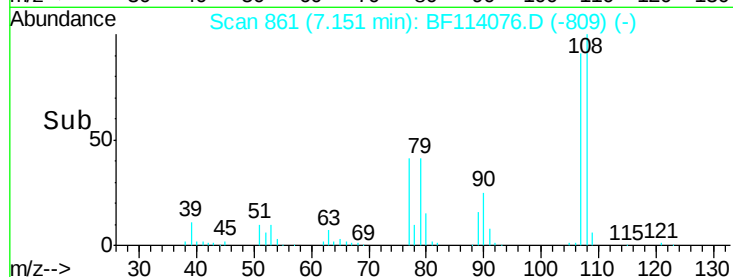
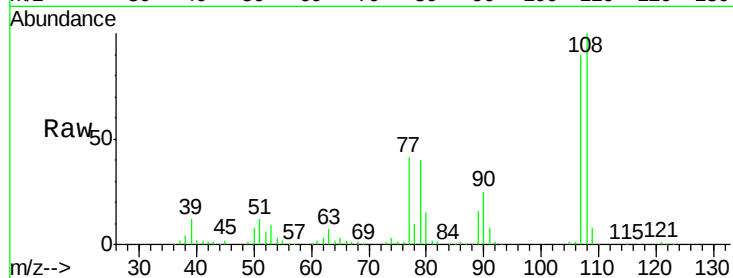




#17
2-Methylphenol
Concen: 40.561 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

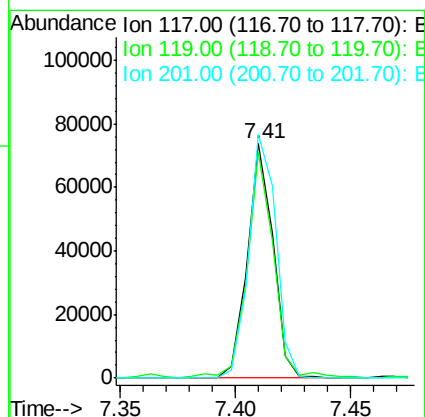
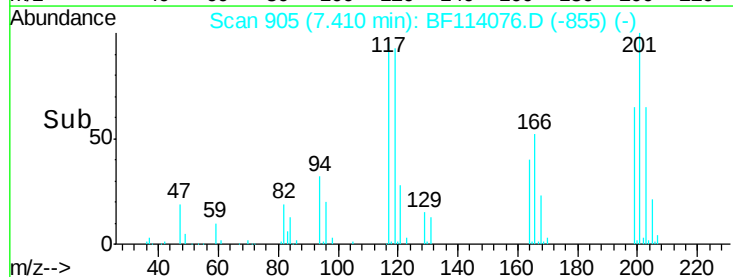
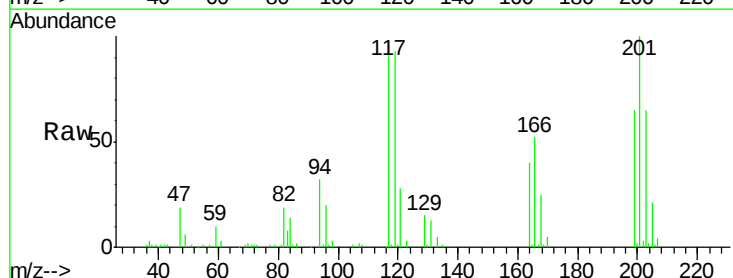
Instrument :
BNA_F
ClientSampleId :

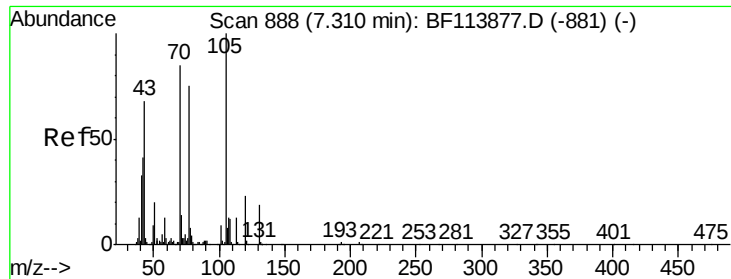
Tot Ion:107 Resp: 191726
Ion Ratio Lower Upper
107 100
108 110.6 91.5 137.3
77 45.7 36.2 54.4
79 44.7 35.4 53.0



#18
Hexachloroethane
Concen: 26.657 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:117 Resp: 57402
Ion Ratio Lower Upper
117 100
119 96.3 74.4 111.6
201 104.0 90.2 135.2

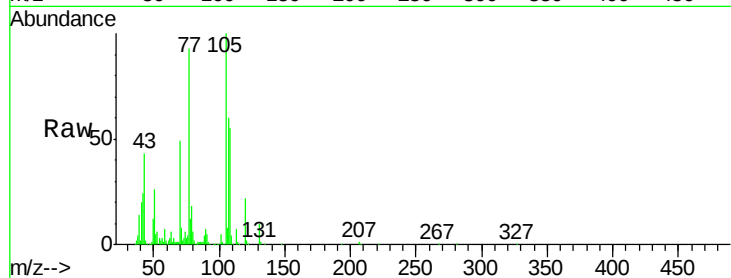




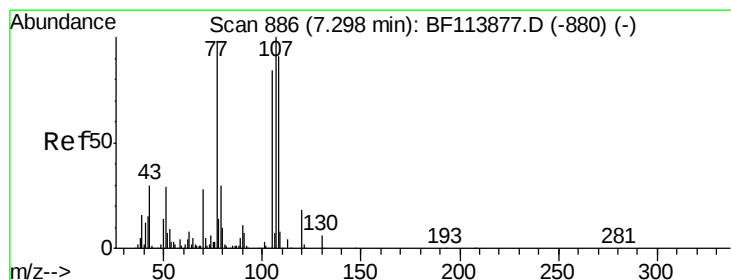
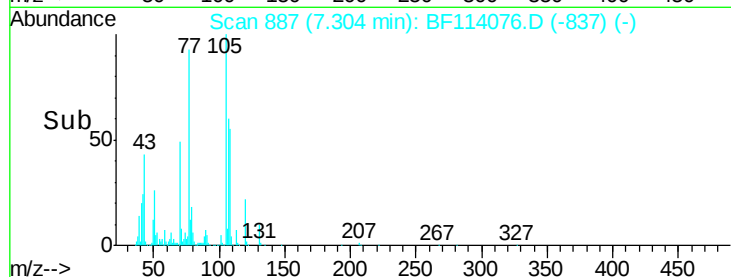
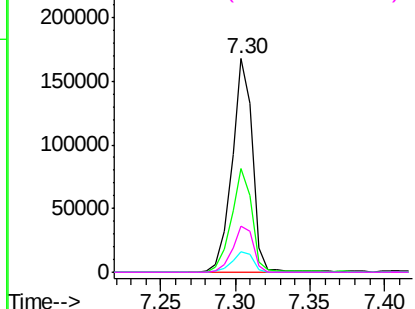
#19
n-Nitroso-di-n-propylamine
Concen: 42.343 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	162491
Ion	Ratio	Lower	Upper
70	100		
42	48.7	37.3	55.9
101	9.5	7.8	11.8
130	21.4	18.2	27.2

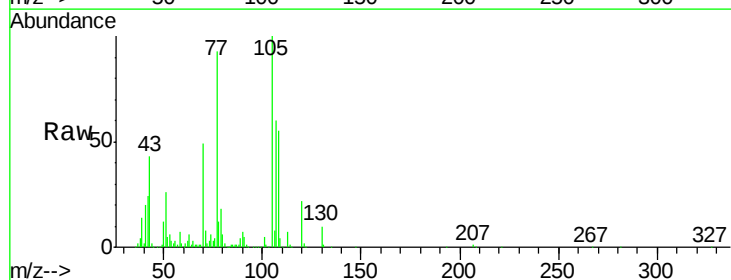


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

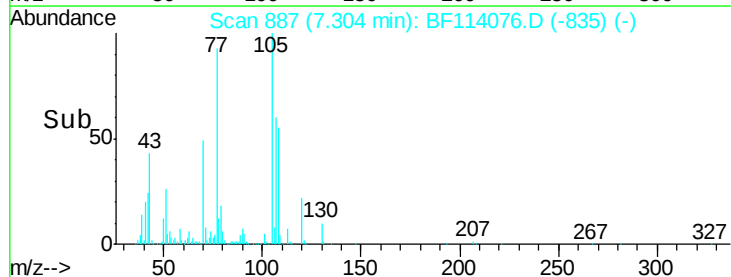
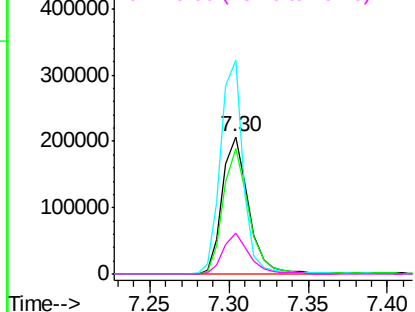


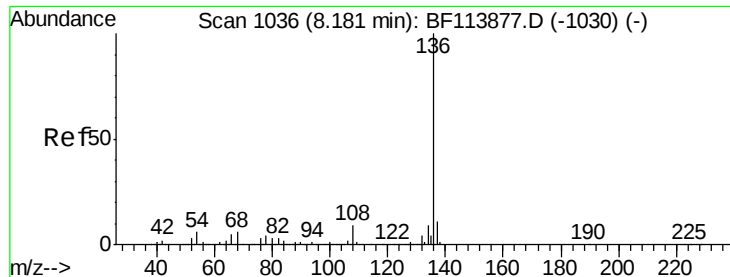
#20
3+4-Methylphenols
Concen: 44.072 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:	107	Resp:	235365
Ion	Ratio	Lower	Upper
107	100		
108	91.2	70.1	110.1
77	155.3	52.9	92.9#
79	30.0	10.2	50.2



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 299490

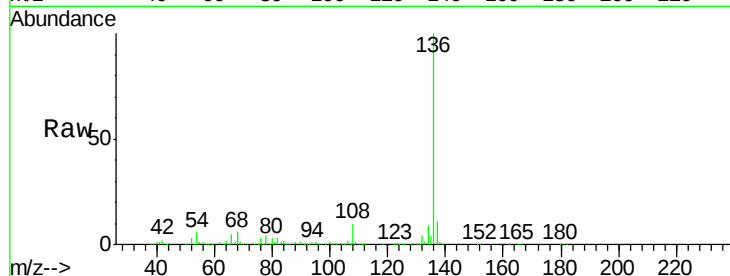
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 5.9 5.0 7.6

68 5.9 4.9 7.3

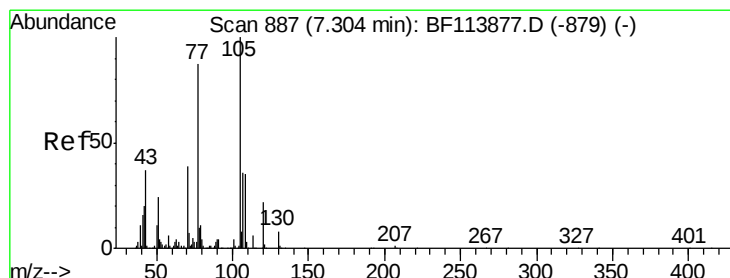
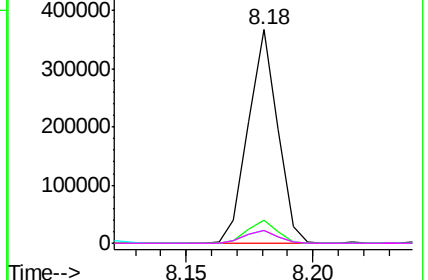
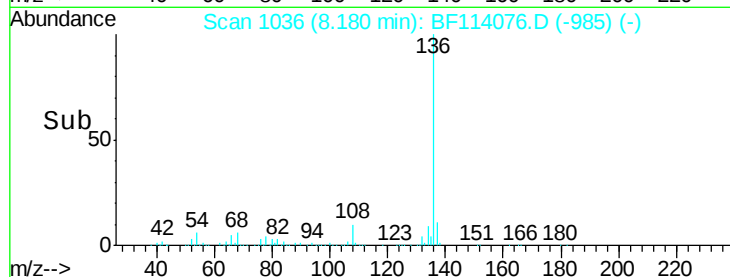


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.536 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Tgt Ion:105 Resp: 323476

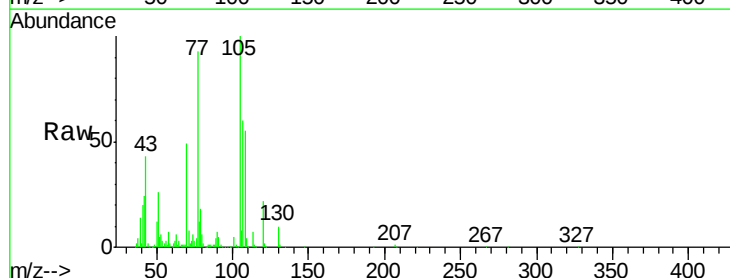
Ion Ratio Lower Upper

105 100

71 8.0 6.1 9.1

51 26.1 16.8 25.2#

120 21.6 17.6 26.4

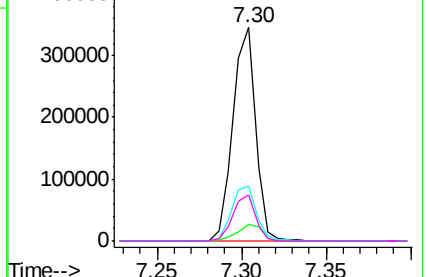
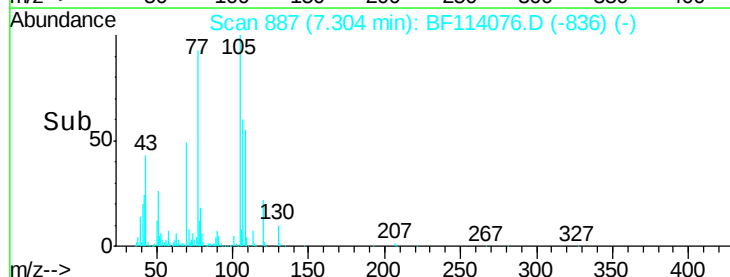


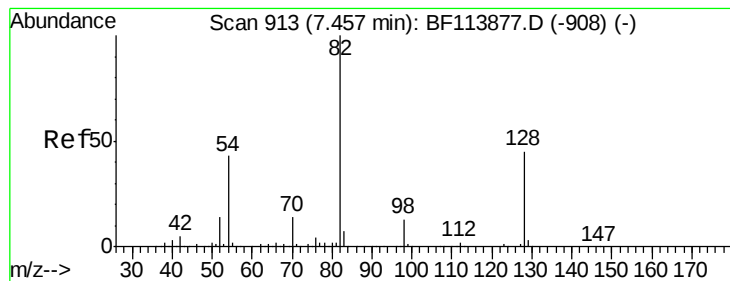
Abundance Ion 105.00 (104.70 to 105.70): E

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: 90.673 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

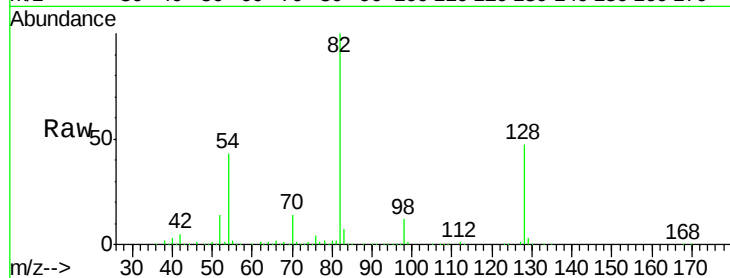
Tot Ion: 82 Resp: 439813

Ion Ratio Lower Upper

82 100

128 46.8 36.8 55.2

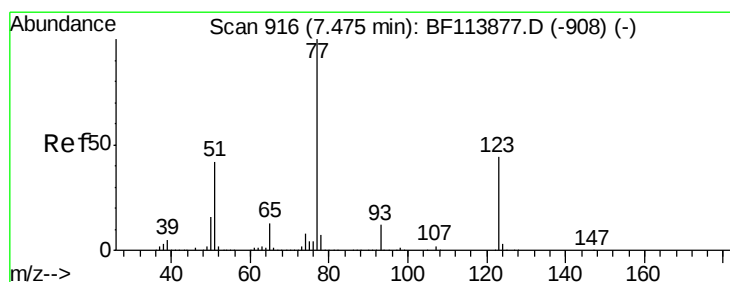
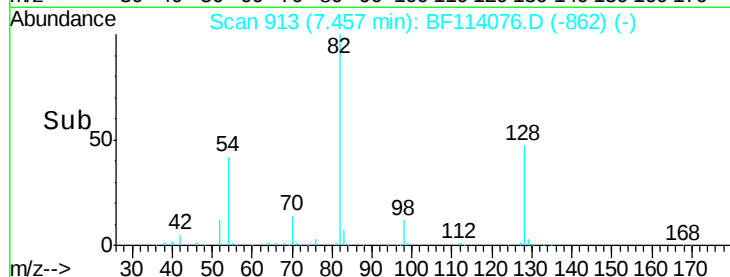
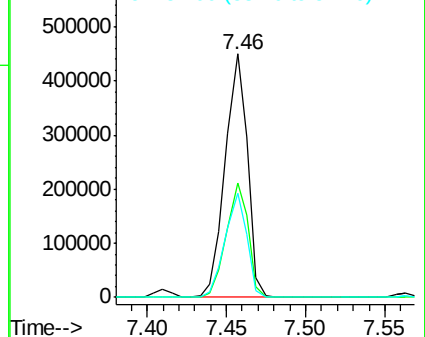
54 42.8 33.8 50.6



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: 45.328 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

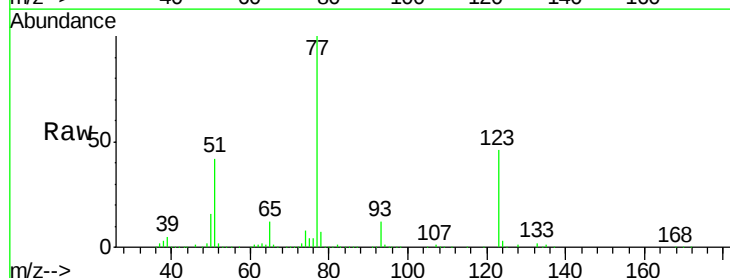
Tgt Ion: 77 Resp: 242943

Ion Ratio Lower Upper

77 100

123 45.5 36.3 54.5

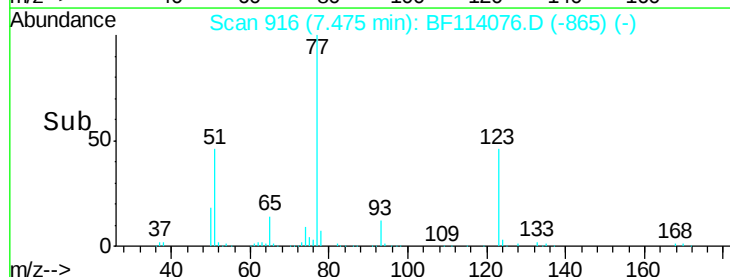
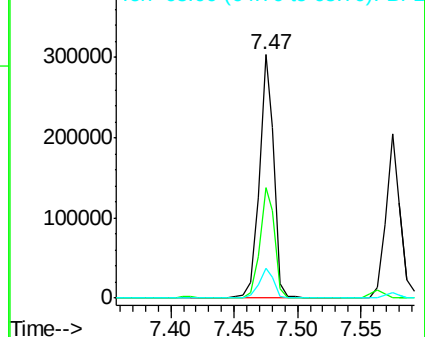
65 12.5 10.3 15.5

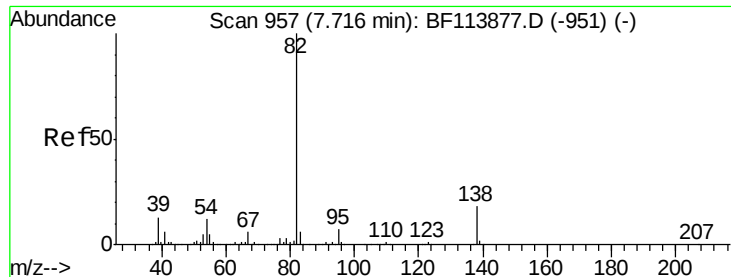


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.858 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

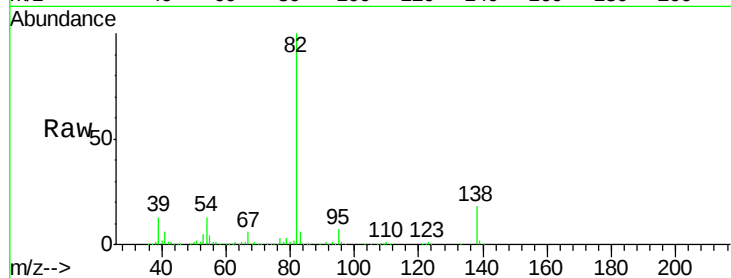
Tot Ion: 82 Resp: 445211

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

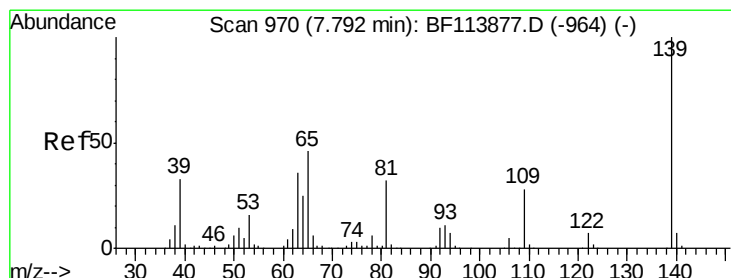
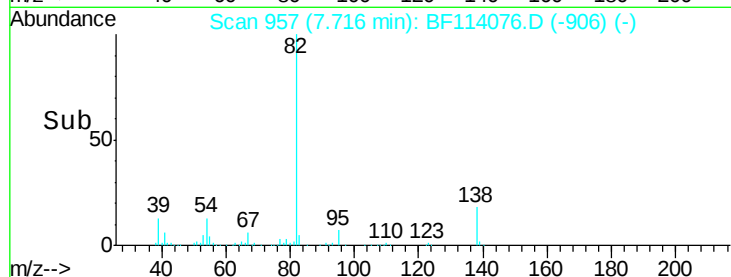
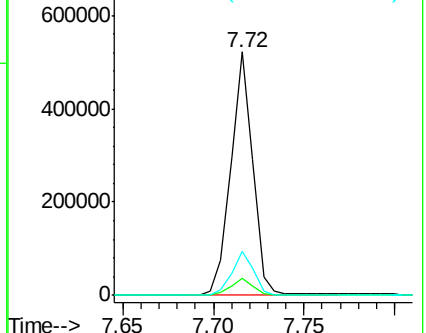
138 18.1 14.6 22.0



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: 44.160 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

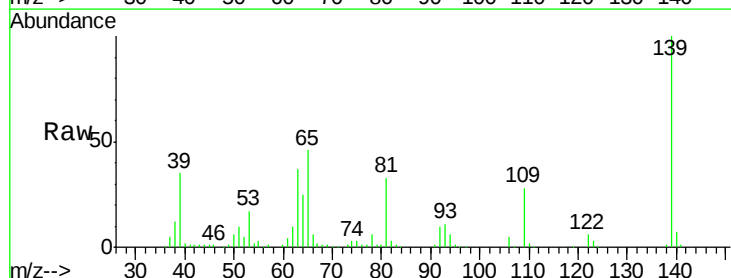
Tgt Ion: 139 Resp: 107974

Ion Ratio Lower Upper

139 100

109 28.3 20.6 31.0

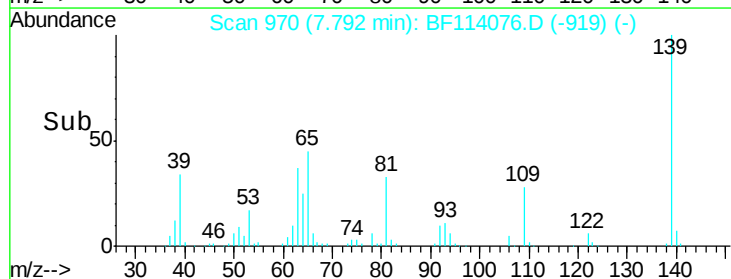
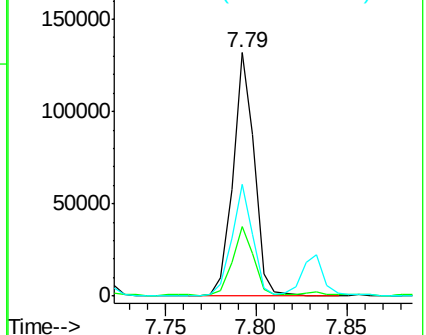
65 45.7 34.6 52.0

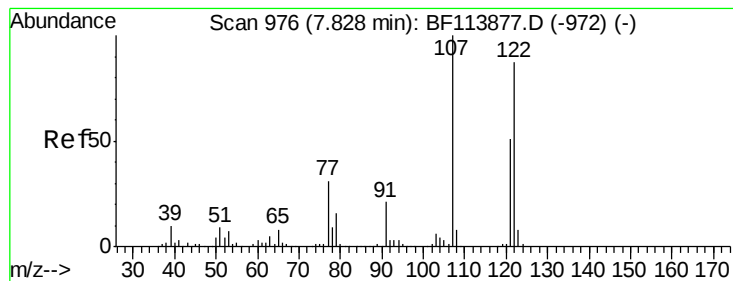


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.143 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampled :

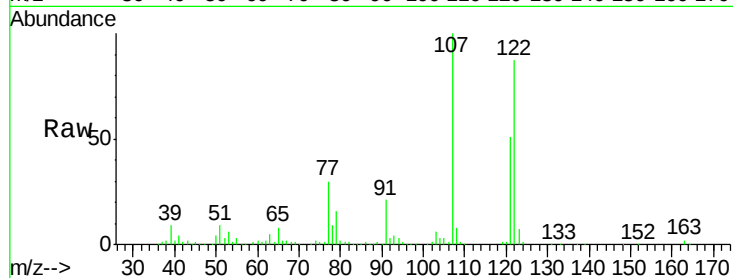
Tot Ion:122 Resp: 203738

Ion Ratio Lower Upper

122 100

107 115.5 91.2 136.8

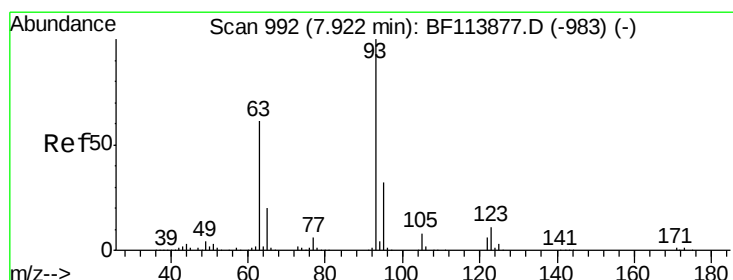
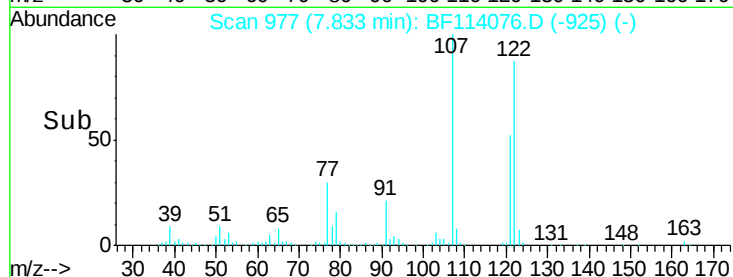
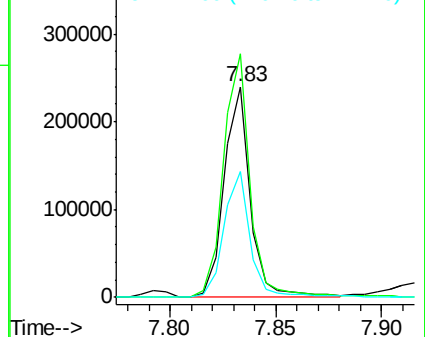
121 59.5 46.4 69.6



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: 45.202 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

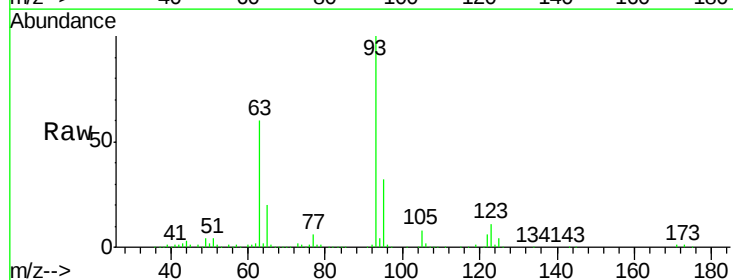
Tgt Ion: 93 Resp: 285872

Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.6

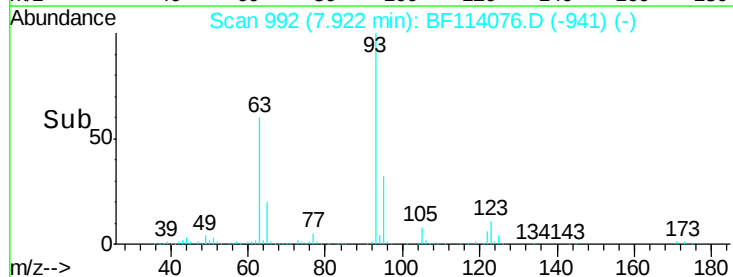
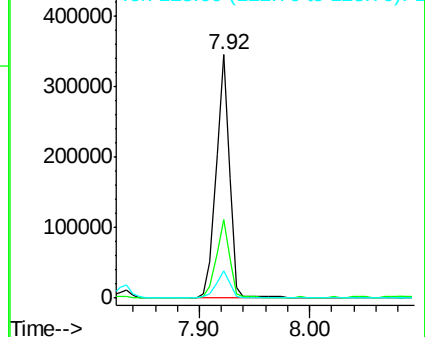
123 11.4 9.0 13.6

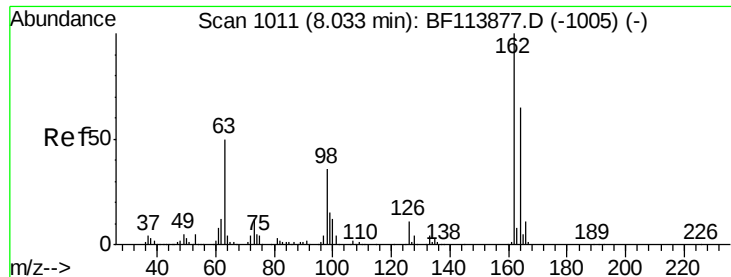


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

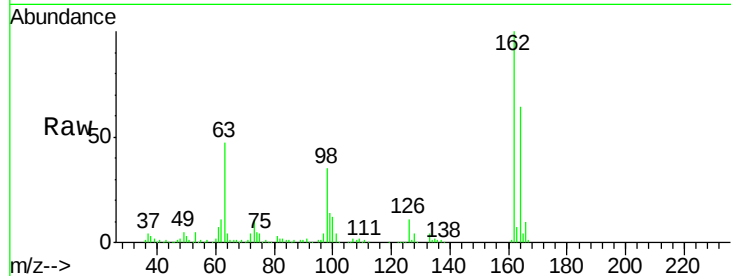




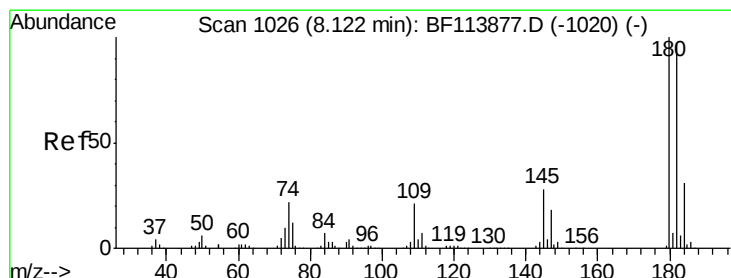
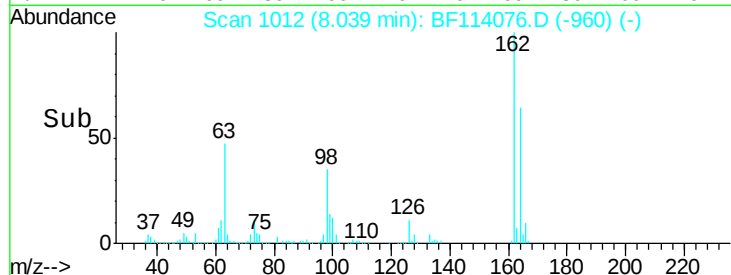
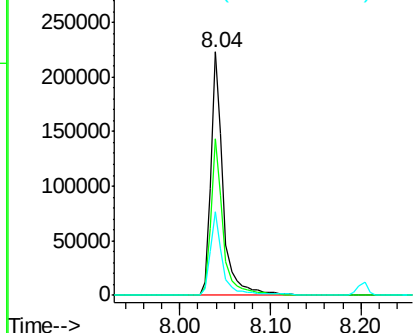
#29
2,4-Dichlorophenol
Concen: 46.748 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.7	83.7
98	34.6	15.5	55.5

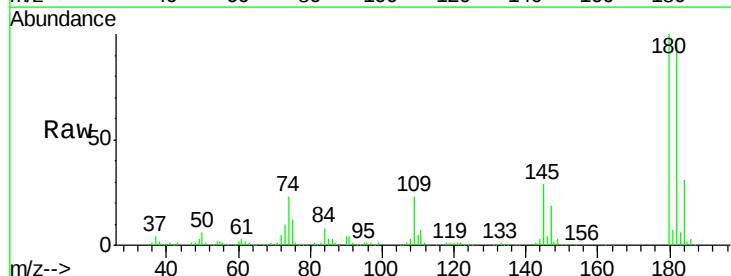


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

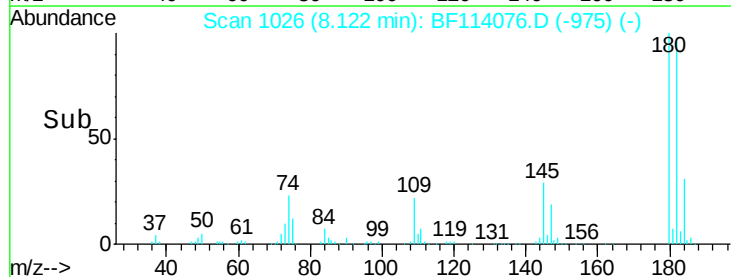
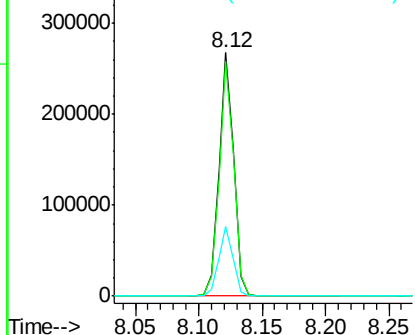


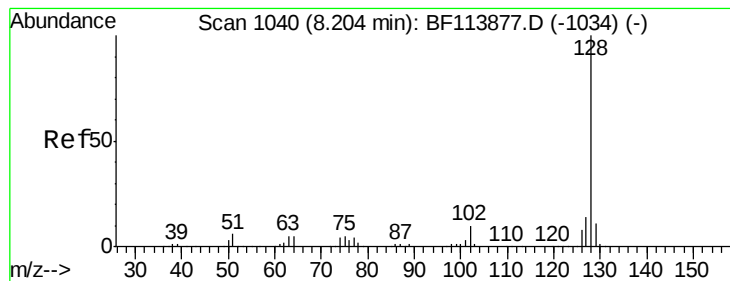
#30
1,2,4-Trichlorobenzene
Concen: 43.402 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.4	113.0
145	28.7	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: 46.355 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

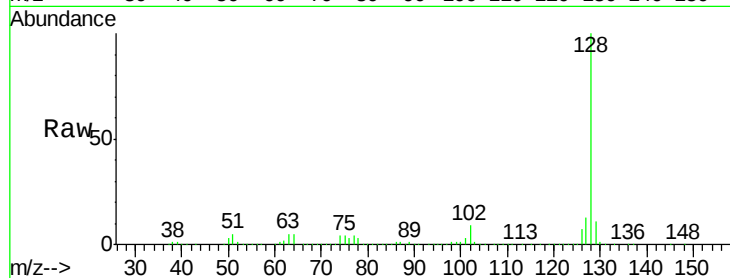
Tot Ion:128 Resp: 659506

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.0

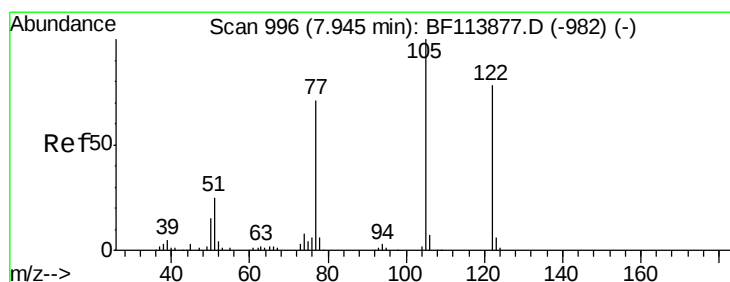
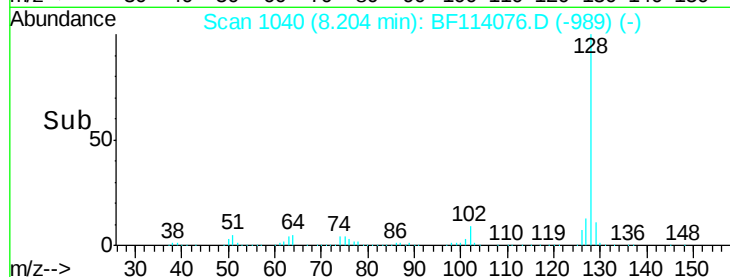
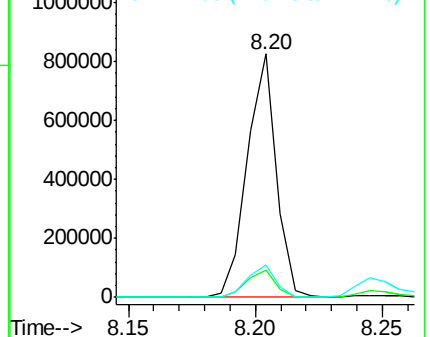
127 13.3 10.8 16.2



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: 12.437 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

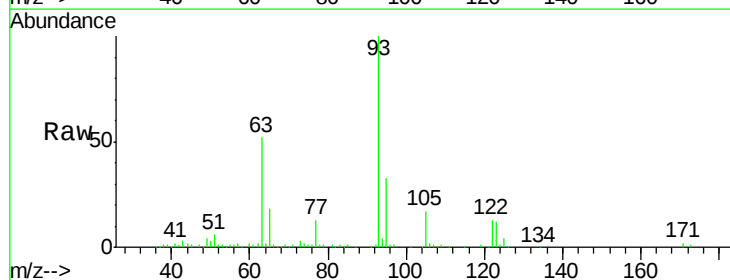
Tgt Ion:122 Resp: 33458

Ion Ratio Lower Upper

122 100

105 128.0 104.3 144.3

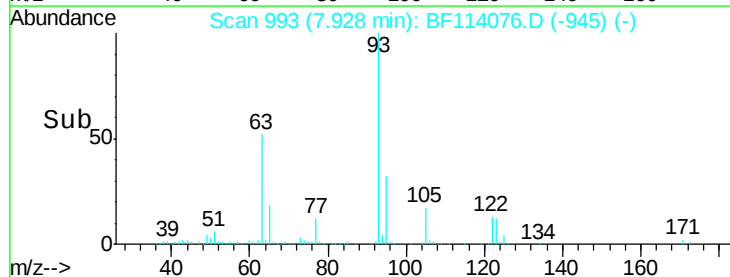
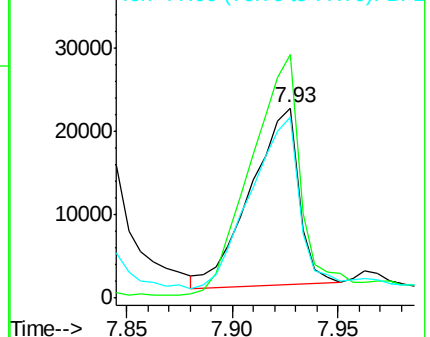
77 94.8 70.4 110.4

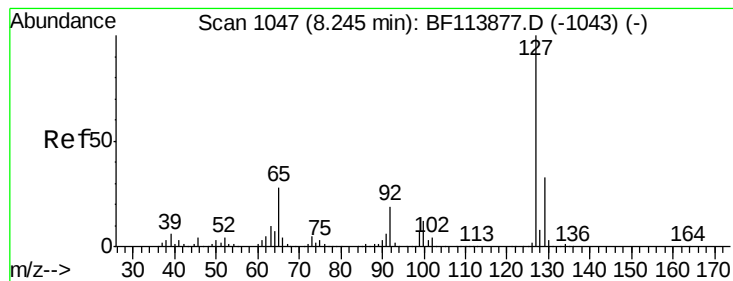


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 13.951 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 83988

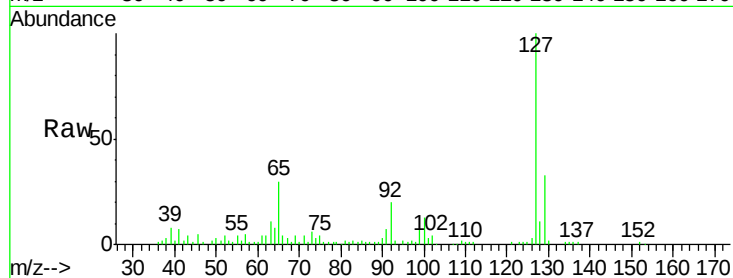
Ion Ratio Lower Upper

127 100

129 32.5 26.4 39.6

65 29.6 24.9 37.3

92 19.6 15.9 23.9

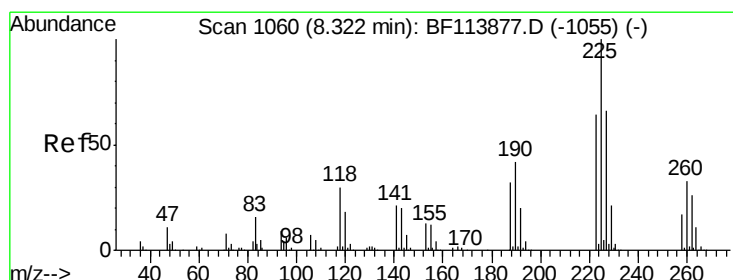
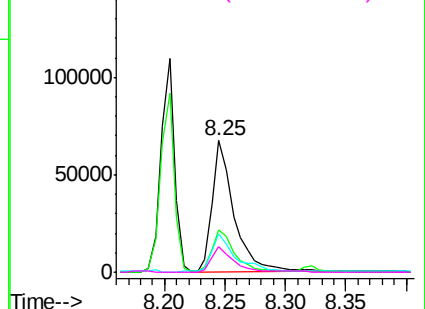
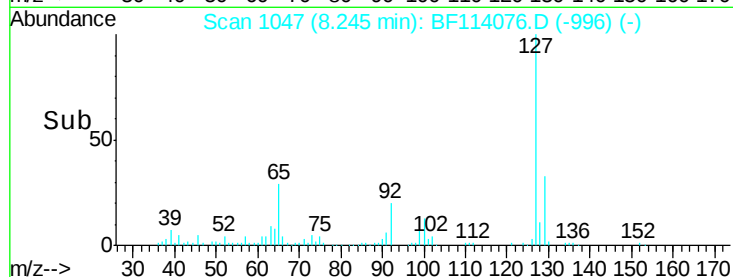


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.653 ng

RT: 8.32 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

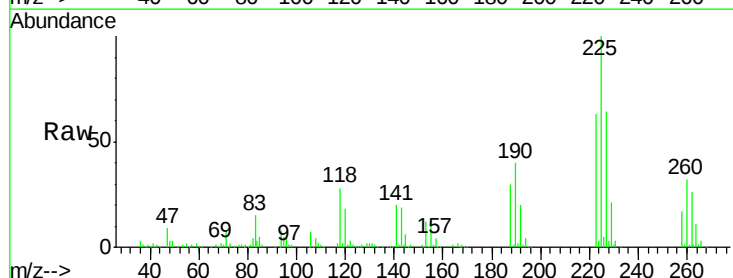
Tgt Ion:225 Resp: 131893

Ion Ratio Lower Upper

225 100

223 63.2 51.1 76.7

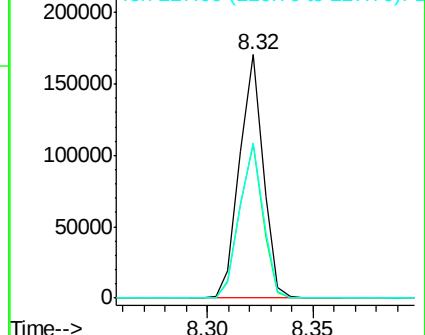
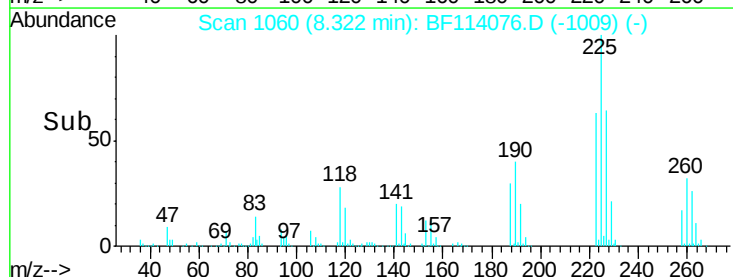
227 63.9 49.9 74.9

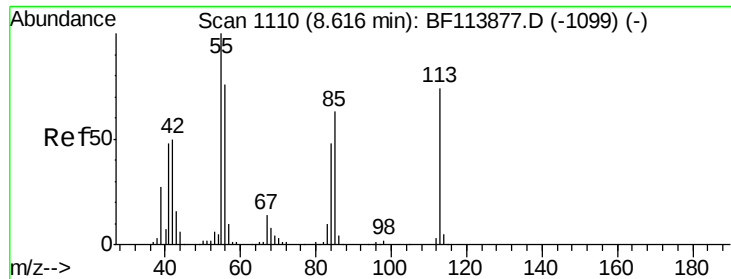


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

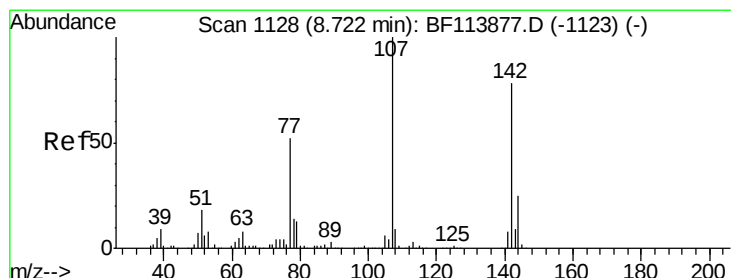
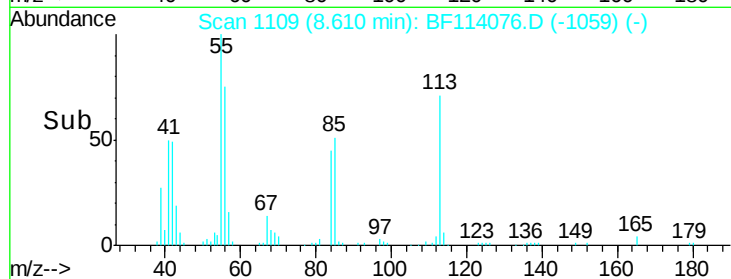
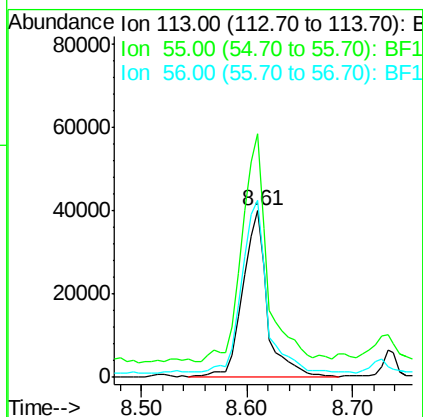
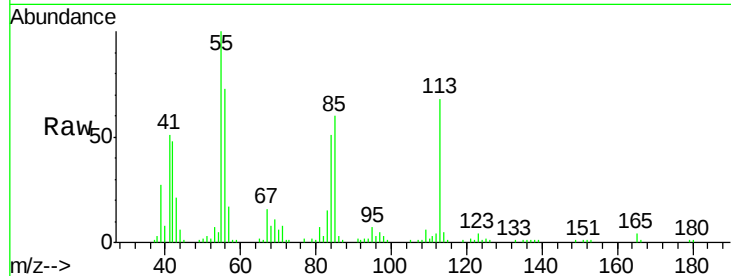




#35
Caprolactam
Concen: 44.304 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

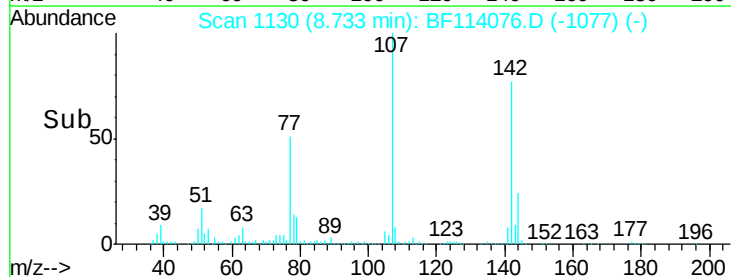
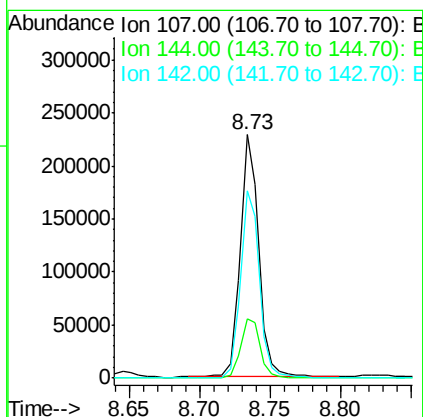
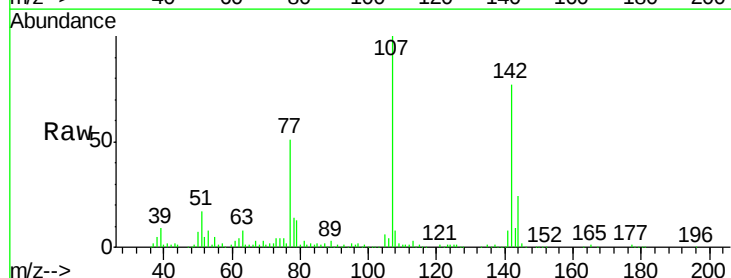
Instrument :
BNA_F
ClientSampled :

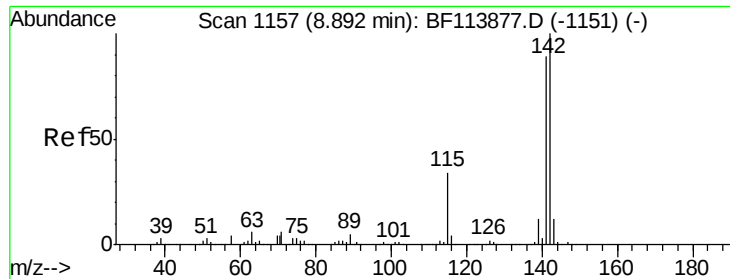
Tot Ion:113 Resp: 64203
Ion Ratio Lower Upper
113 100
55 146.4 128.6 168.6
56 106.7 91.9 131.9



#36
4-Chloro-3-methylphenol
Concen: 46.256 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:107 Resp: 208762
Ion Ratio Lower Upper
107 100
144 24.4 20.5 30.7
142 76.9 64.2 96.4

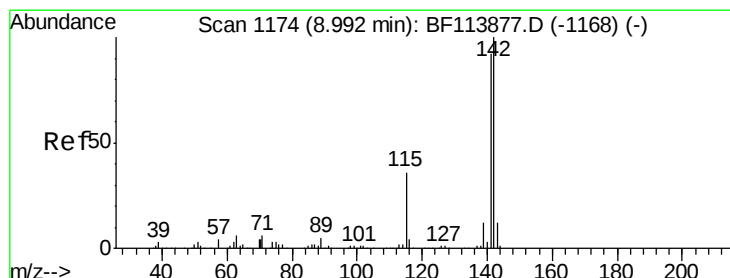
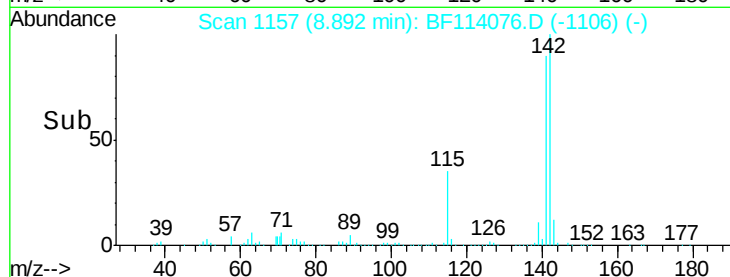
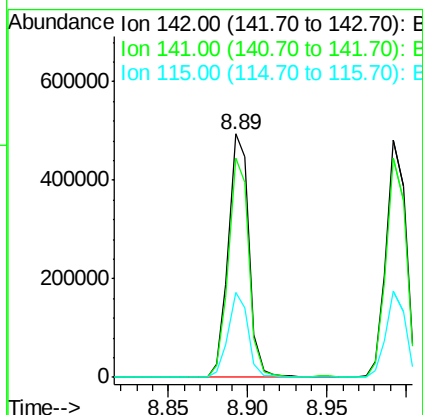
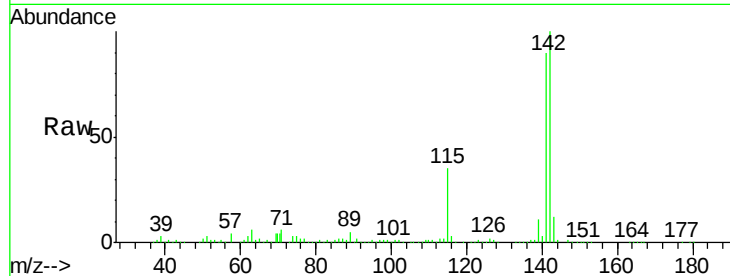




#37
2-Methylnaphthalene
Concen: 47.043 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

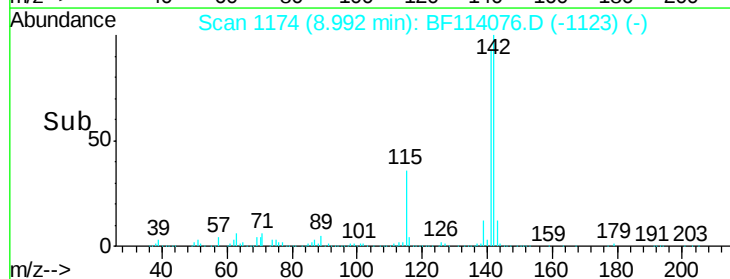
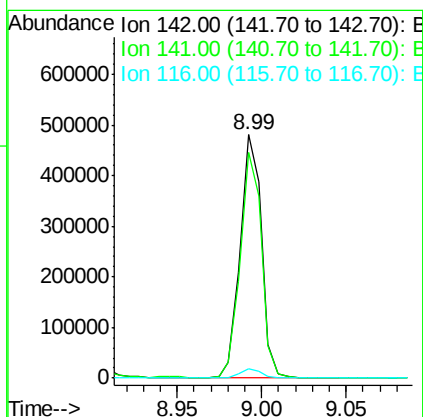
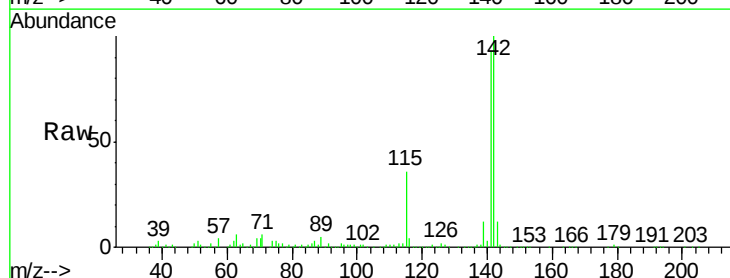
Instrument :
BNA_F
ClientSampleId :

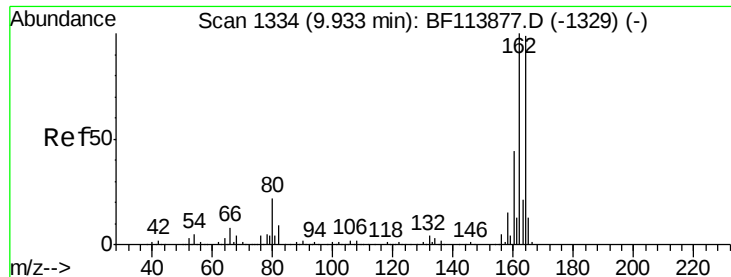
Tot Ion:142 Resp: 451340
Ion Ratio Lower Upper
142 100
141 90.1 70.4 105.6
115 34.7 26.3 39.5



#38
1-Methylnaphthalene
Concen: 45.421 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:142 Resp: 420601
Ion Ratio Lower Upper
142 100
141 92.8 72.3 108.5
116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampled :

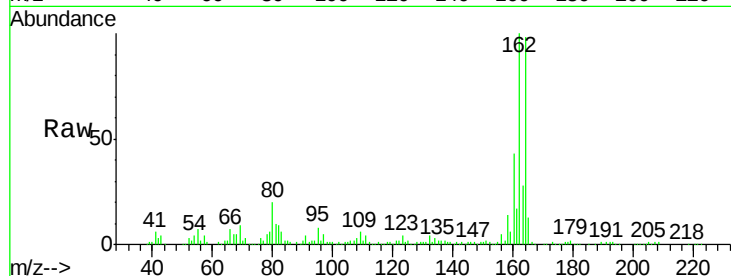
Tot Ion:164 Resp: 156031

Ion Ratio Lower Upper

164 100

162 101.9 81.1 121.7

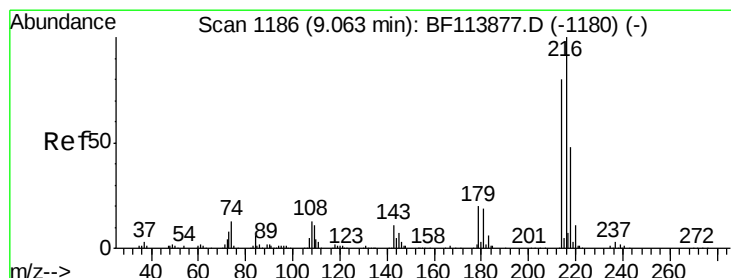
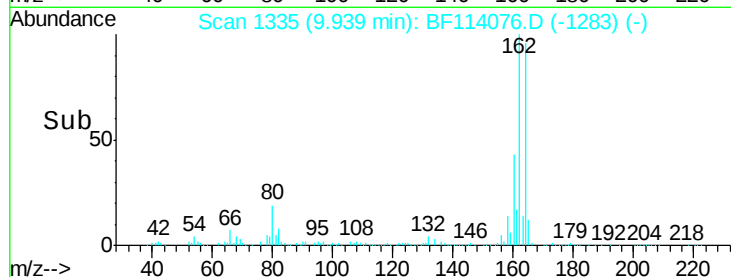
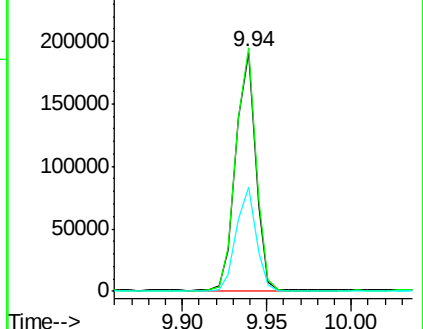
160 43.8 35.8 53.6



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: 44.653 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Tgt Ion:216 Resp: 226318

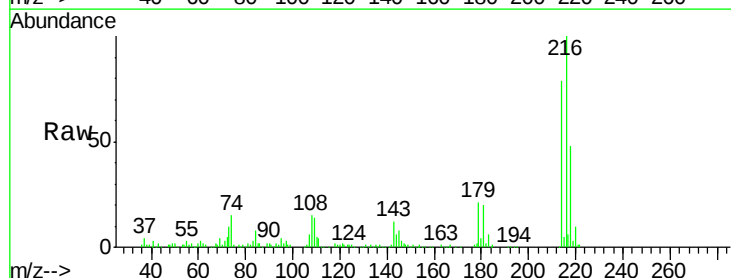
Ion Ratio Lower Upper

216 100

214 78.8 63.5 95.3

179 21.3 16.1 24.1

108 14.6 13.4 20.0

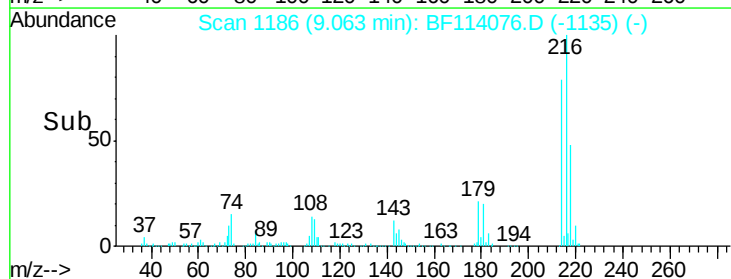
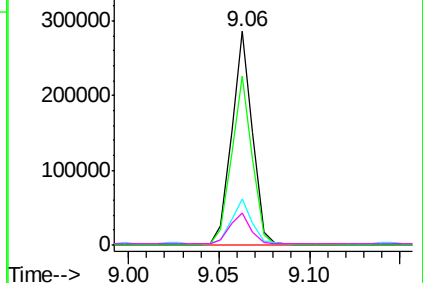


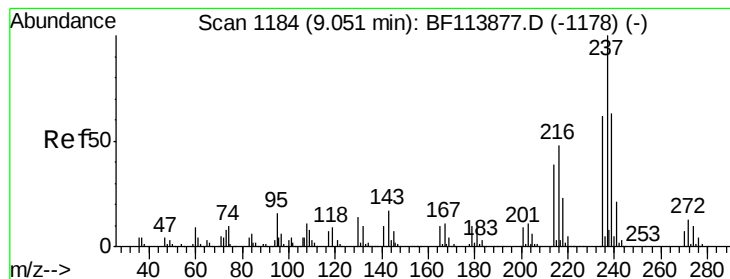
Abundance Ion 216.00 (215.70 to 216.70): E

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: 2.962 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

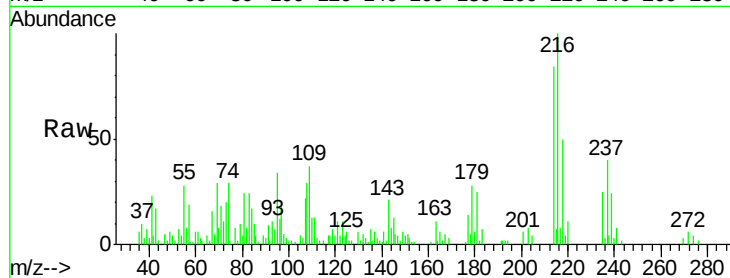
Tot Ion:237 Resp: 8373

Ion Ratio Lower Upper

237 100

235 63.5 42.6 82.6

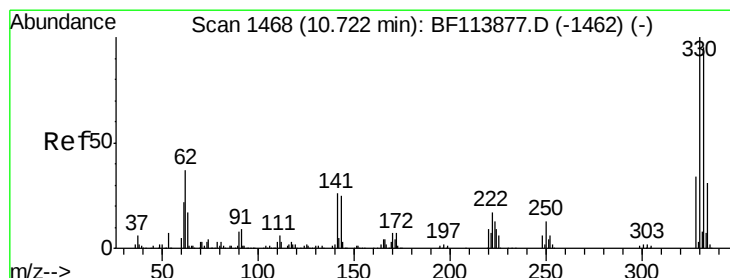
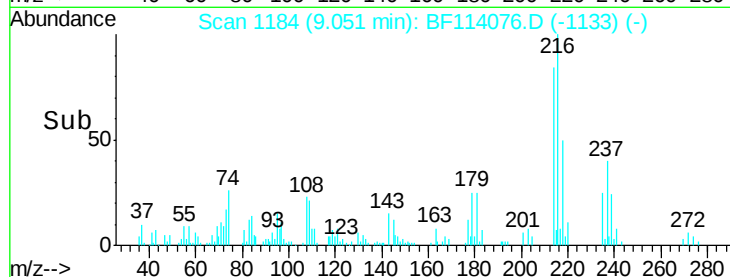
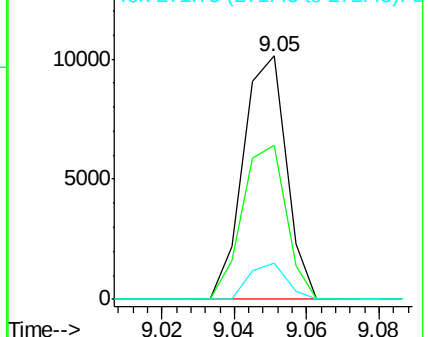
272 15.0 0.0 33.8



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: 121.751 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

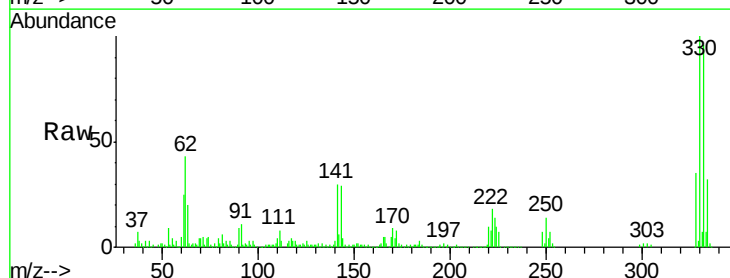
Tgt Ion:330 Resp: 231422

Ion Ratio Lower Upper

330 100

332 96.8 77.5 116.3

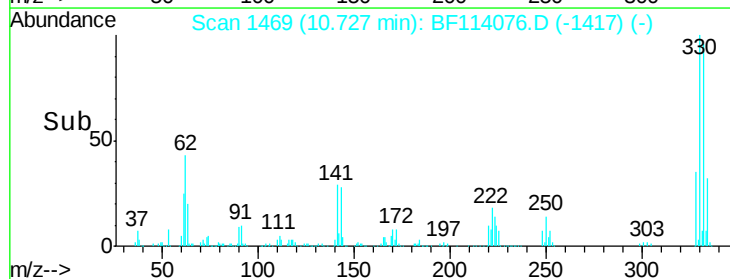
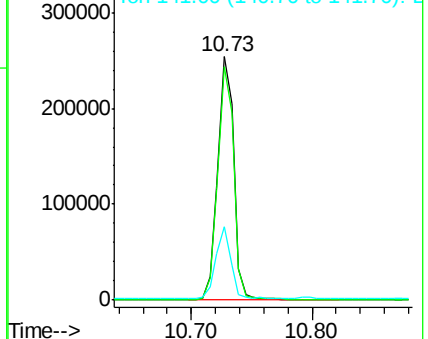
141 27.4 22.2 33.2

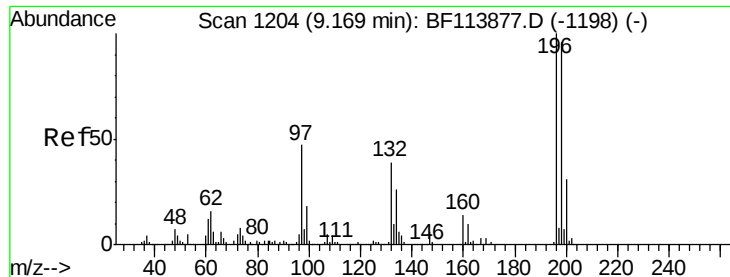


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

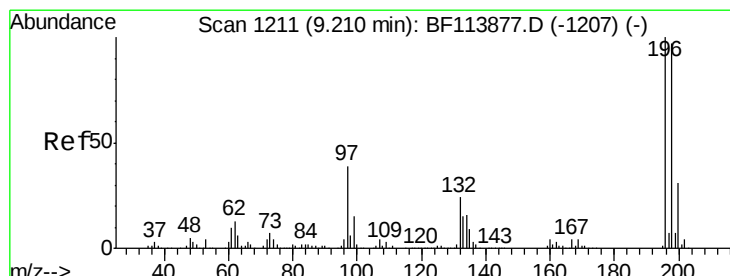
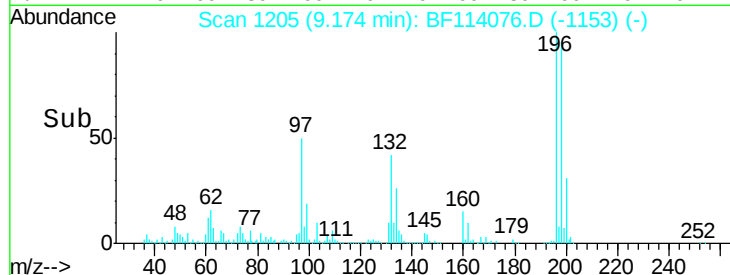
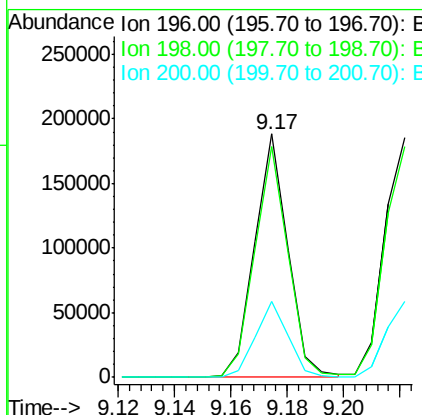
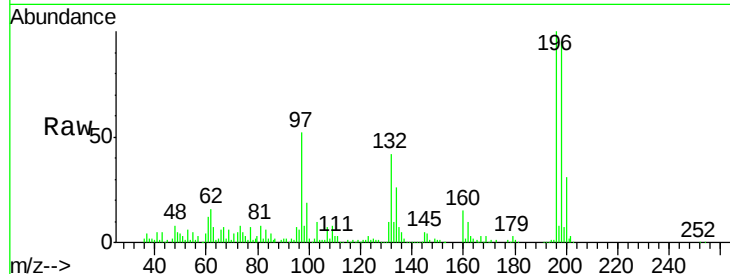




#43
 2,4,6-Trichlorophenol
 Concen: 47.718 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

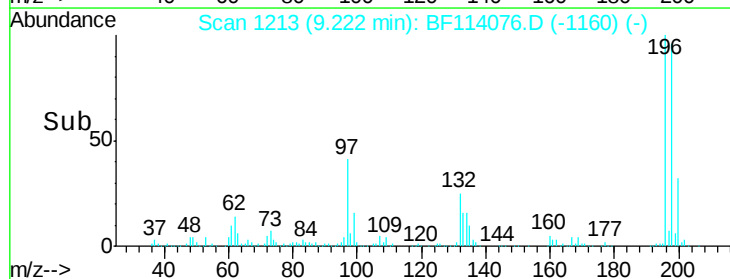
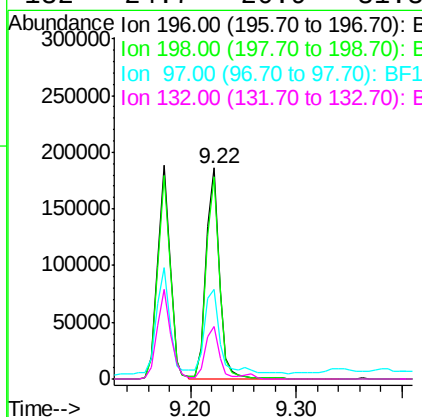
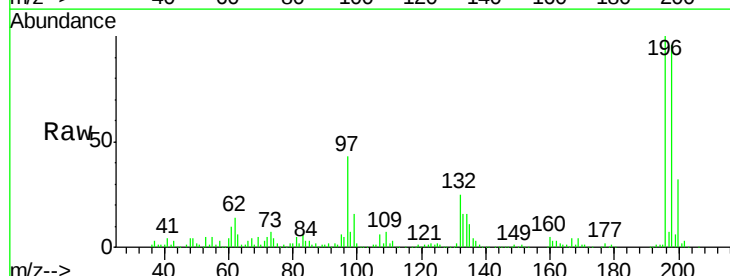
Instrument :
 BNA_F
 ClientSampled :

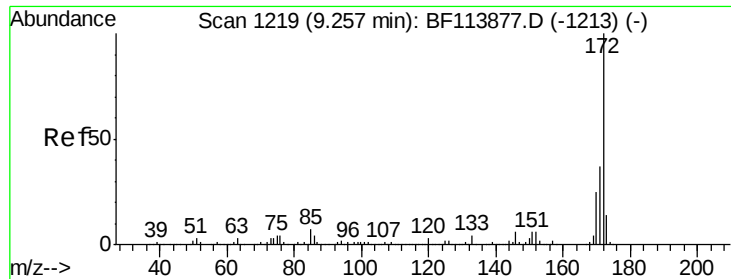
Tot Ion:196 Resp: 153577
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.6 113.4
 200 31.0 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 45.677 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

Tgt Ion:196 Resp: 164889
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.2 114.4
 97 42.8 35.8 53.8
 132 24.7 20.9 31.3

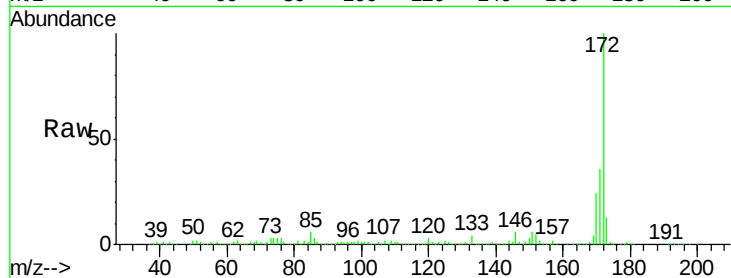




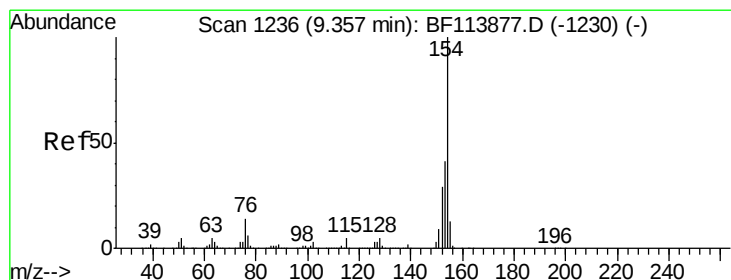
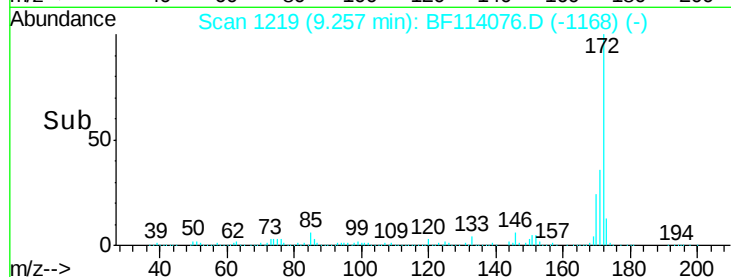
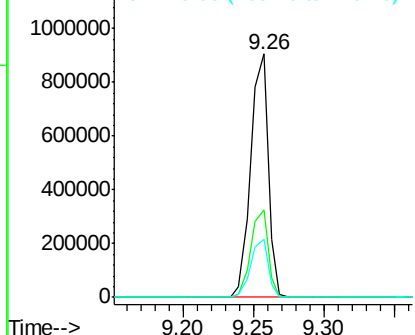
#45
2-Fluorobiphenyl
Concen: 79.674 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.9	19.9	29.9

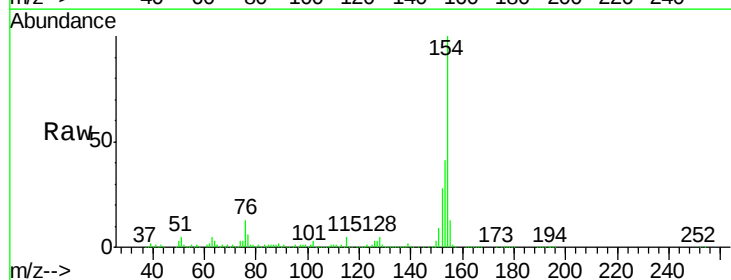


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

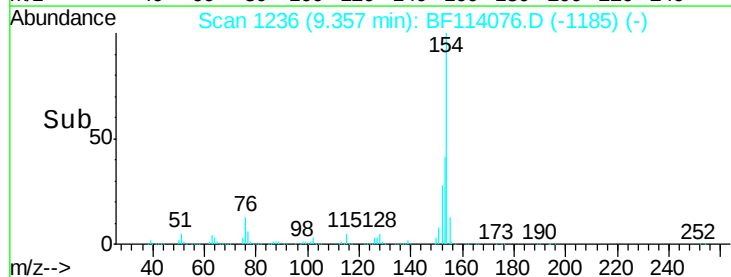
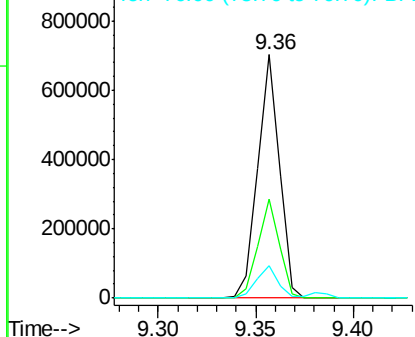


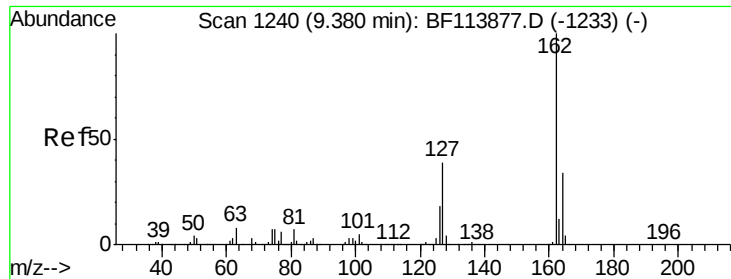
#46
1,1'-Biphenyl
Concen: 45.423 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.8	60.8
76	13.4	0.0	35.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

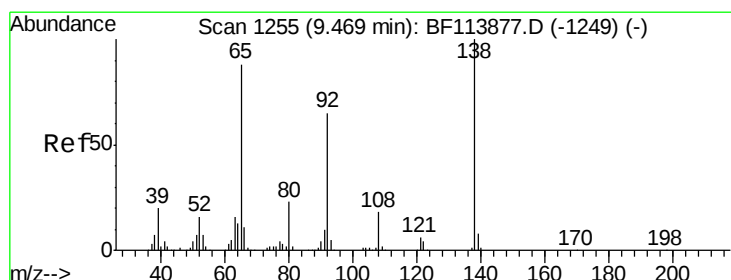
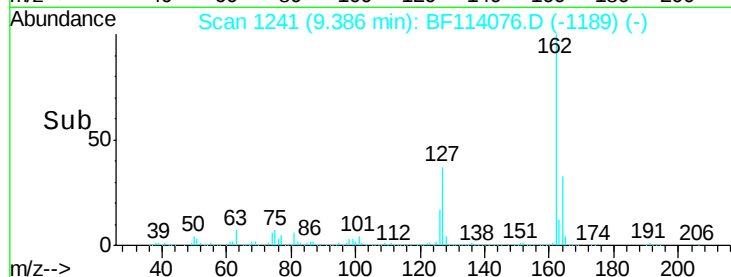
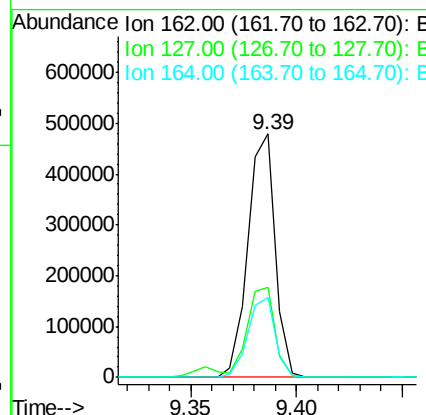
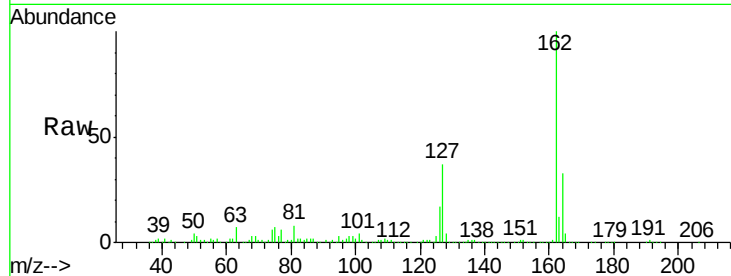




#47
 2-Chloronaphthalene
 Concen: 44.199 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

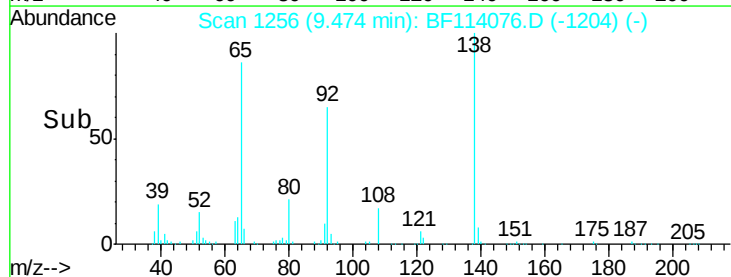
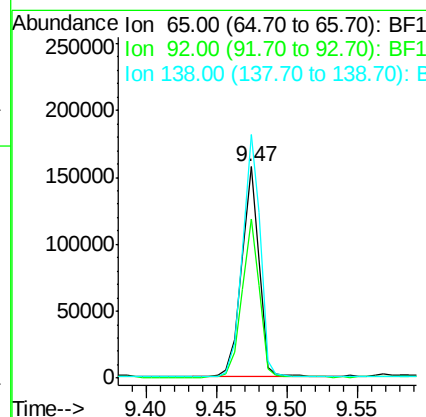
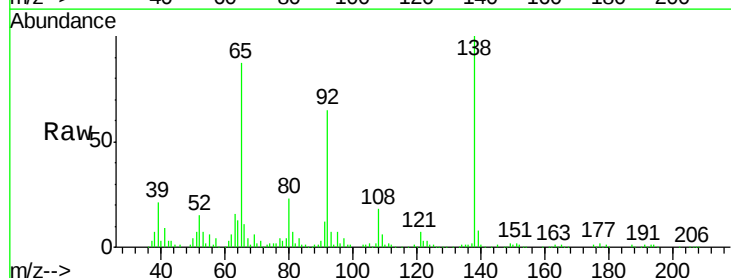
Instrument :
 BNA_F
 ClientSampleId :

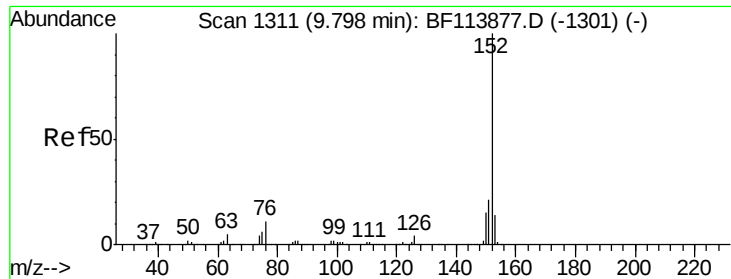
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	29.3	43.9
164	32.6	27.1	40.7



#48
 2-Nitroaniline
 Concen: 53.223 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.4	57.4	86.0
138	115.3	85.4	128.0

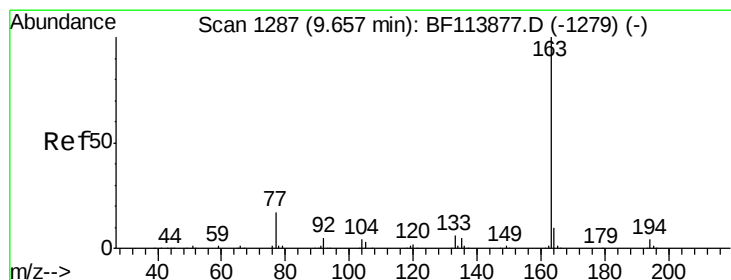
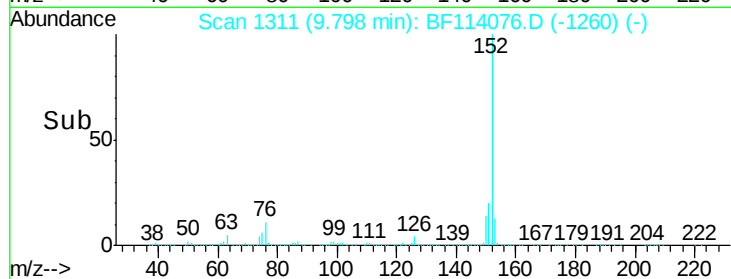
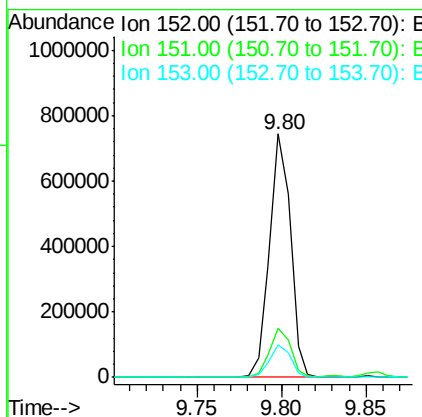
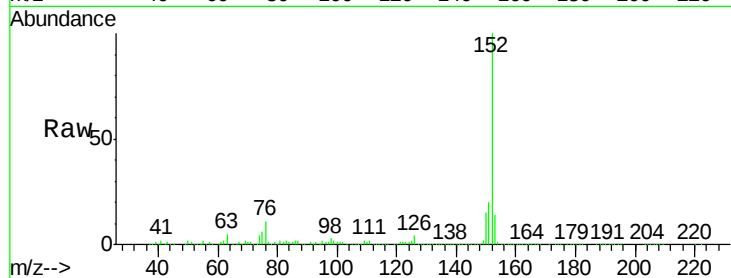




#49
Acenaphthylene
Concen: 42.231 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

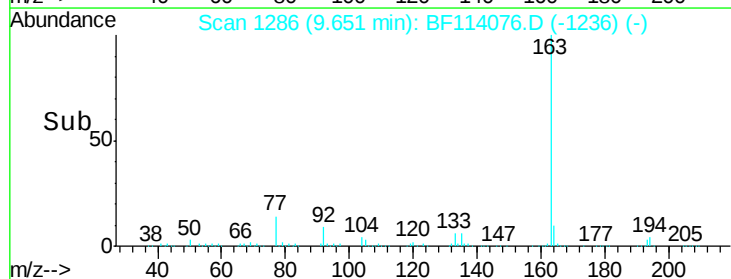
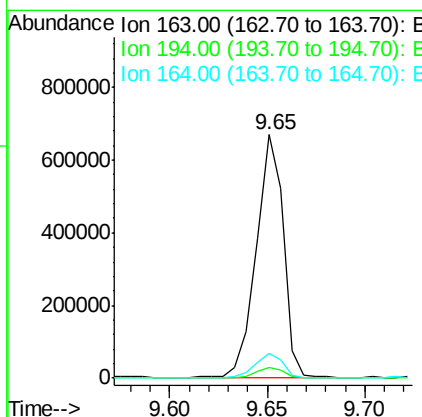
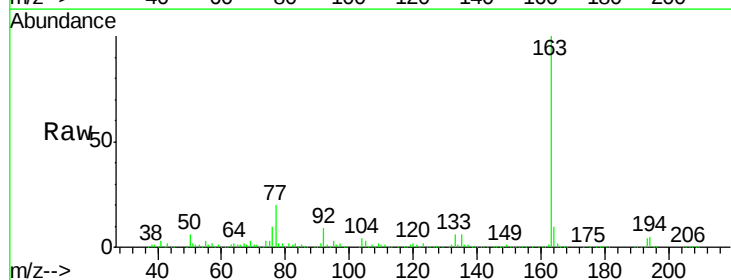
Instrument :
BNA_F
ClientSampleId :

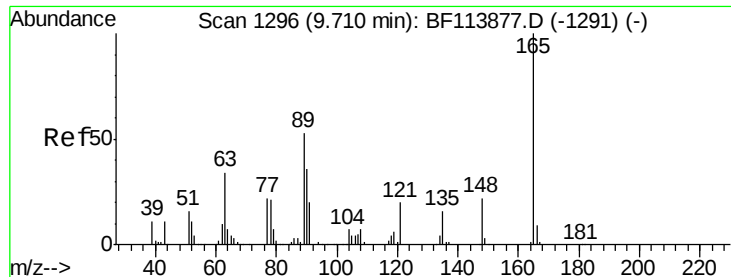
Tot Ion:152 Resp: 640860
Ion Ratio Lower Upper
152 100
151 20.1 17.0 25.4
153 13.5 11.0 16.6



#50
Dimethylphthalate
Concen: 56.714 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:163 Resp: 639986
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 10.4 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 44.041 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

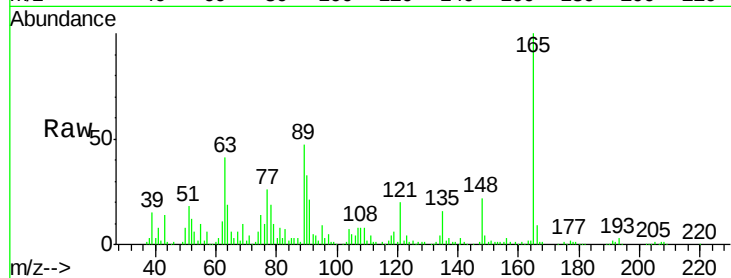
Tot Ion:165 Resp: 106621

Ion Ratio Lower Upper

165 100

63 41.2 33.8 50.8

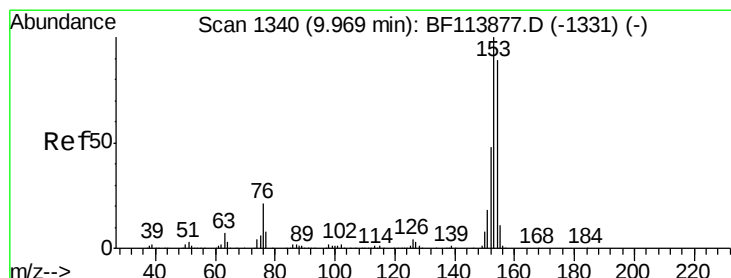
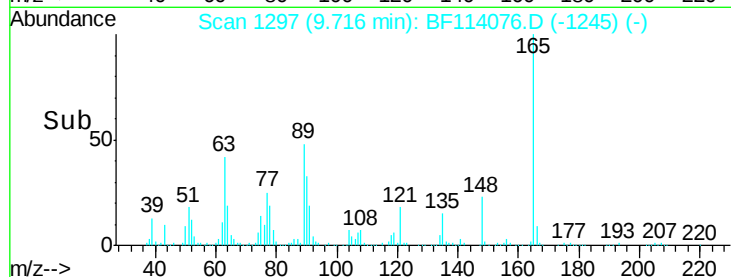
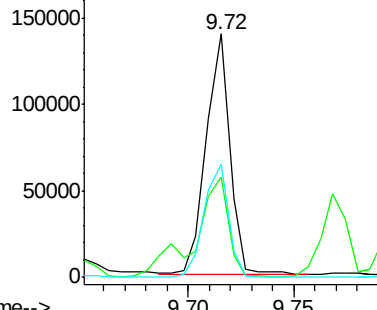
89 46.7 38.2 57.2



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



#52

Acenaphthene

Concen: 41.770 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

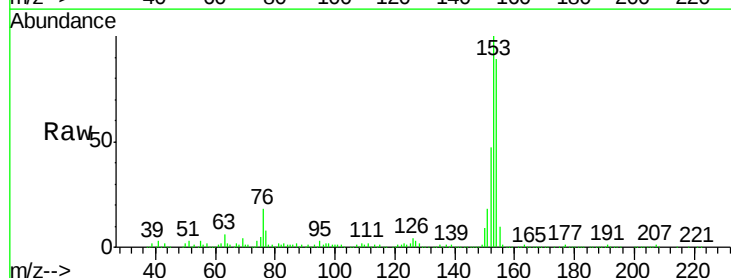
Tgt Ion:154 Resp: 374599

Ion Ratio Lower Upper

154 100

153 111.9 87.2 130.8

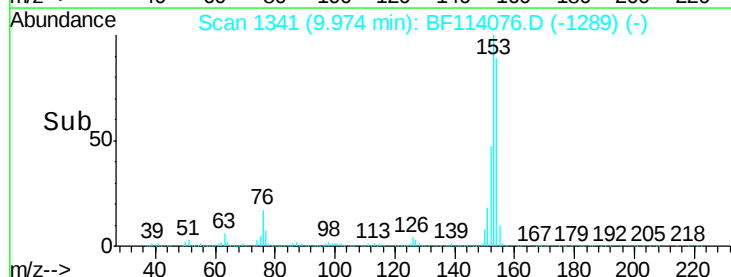
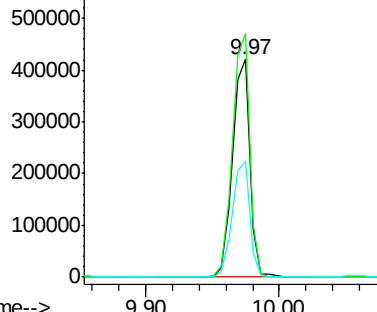
152 53.1 42.3 63.5

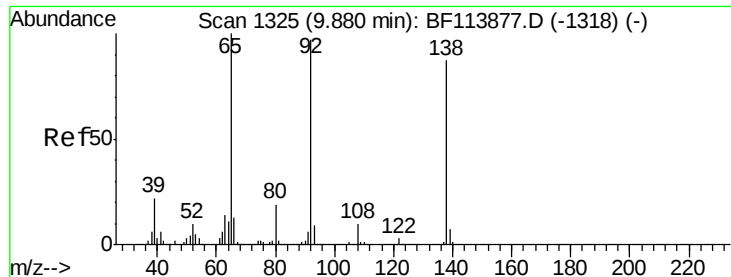


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

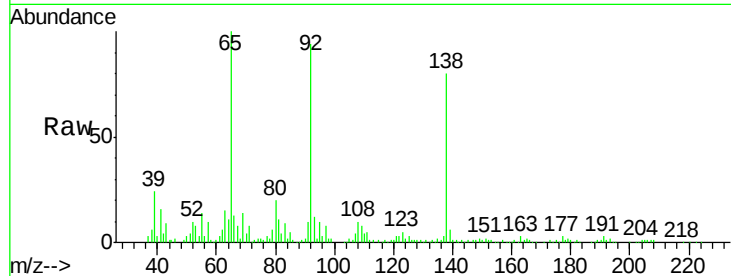




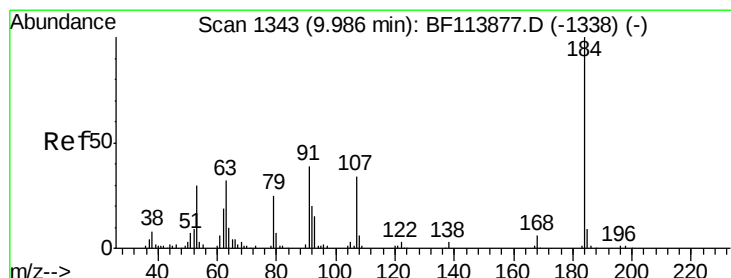
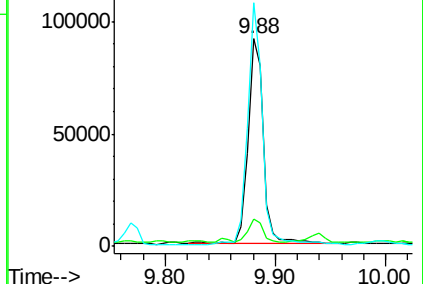
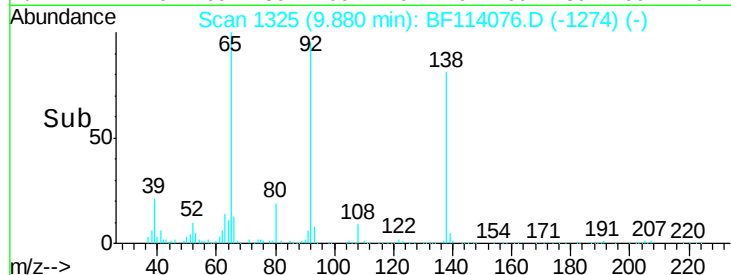
#53
3-Nitroaniline
Concen: 34.728 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 88347
Ion Ratio Lower Upper
138 100
108 12.9 9.4 14.2
92 117.3 94.1 141.1

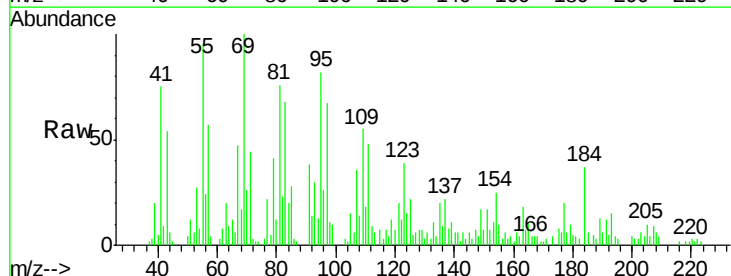


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

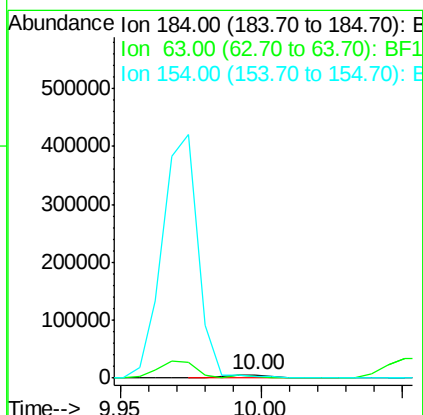
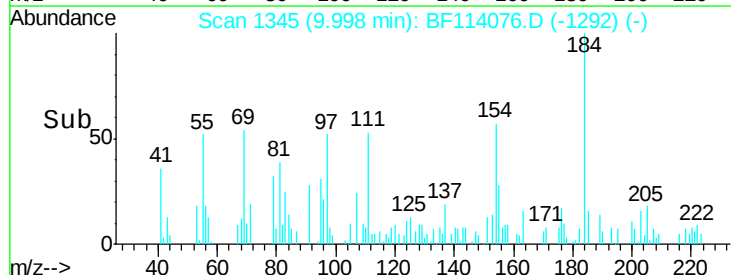


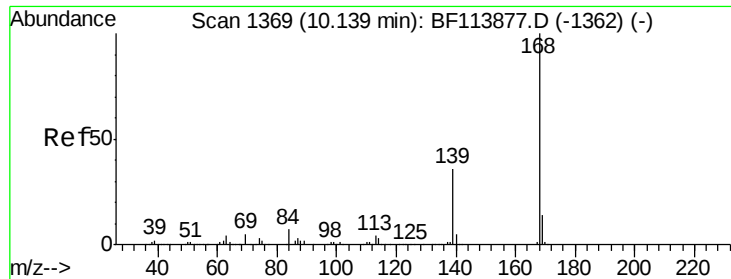
#54
2,4-Dinitrophenol
Concen: 13.766 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:184 Resp: 6367
Ion Ratio Lower Upper
184 100
63 53.7 54.6 81.8#
154 66.7 218.6 328.0#



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

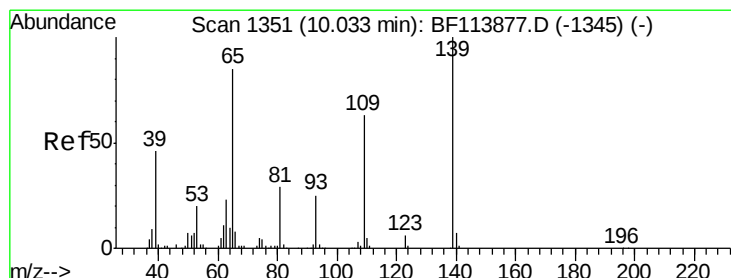
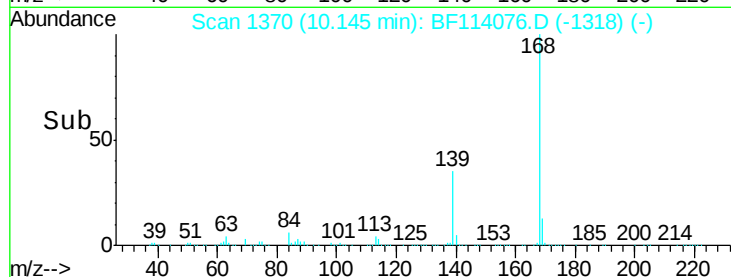
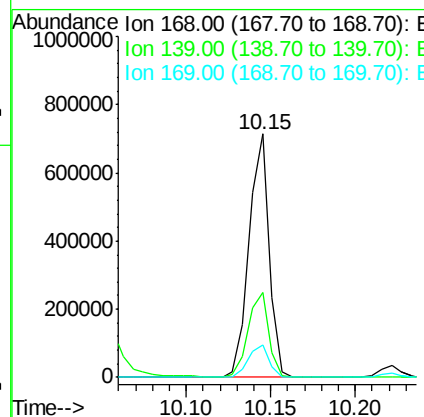
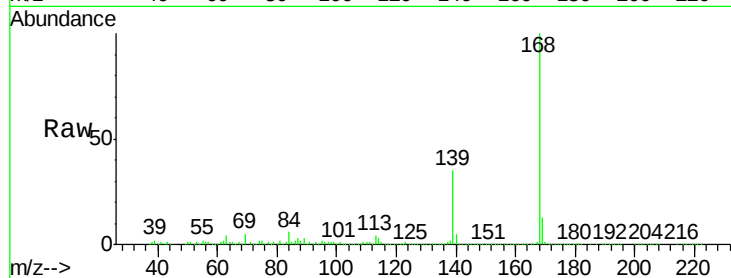




#55
Dibenzofuran
Concen: 44.097 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

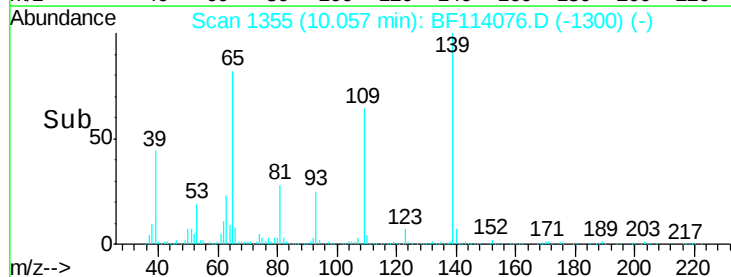
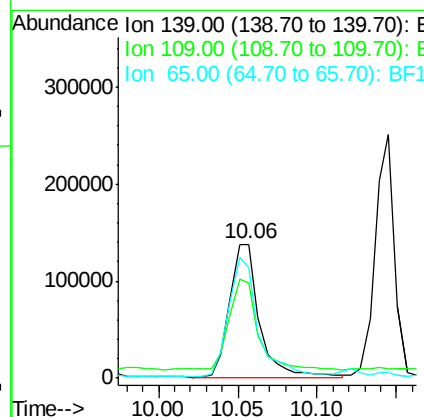
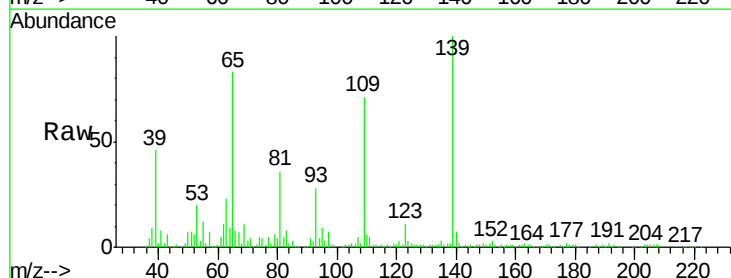
Instrument :
BNA_F
ClientSampleId :

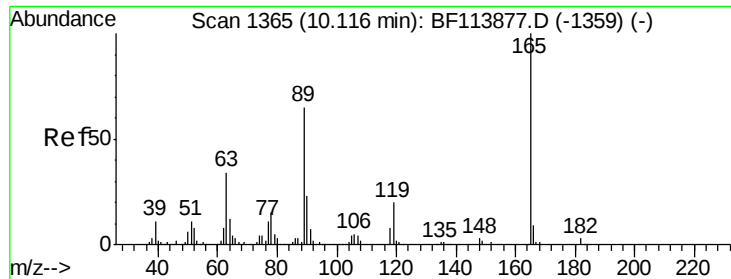
Tot Ion:168 Resp: 592381
Ion Ratio Lower Upper
168 100
139 35.1 27.8 41.6
169 13.2 11.0 16.6



#56
4-Nitrophenol
Concen: 88.292 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.02 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:139 Resp: 177841
Ion Ratio Lower Upper
139 100
109 70.9 42.9 82.9
65 82.6 64.4 104.4





#57

2,4-Dinitrotoluene

Concen: 42.722 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 130547

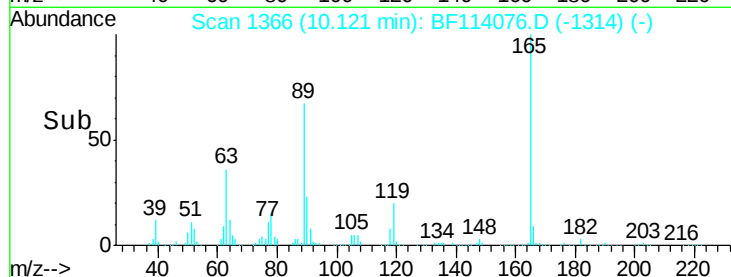
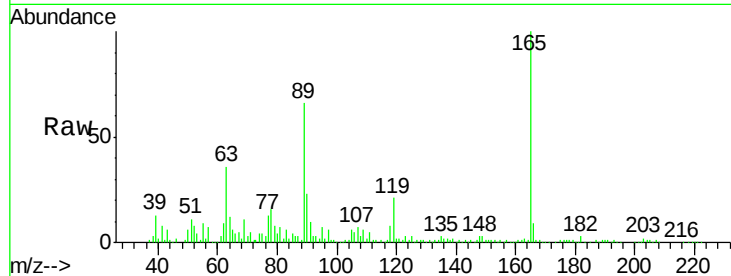
Ion Ratio Lower Upper

165 100

63 35.5 27.4 41.0

89 66.2 51.8 77.6

182 2.9 2.2 3.2

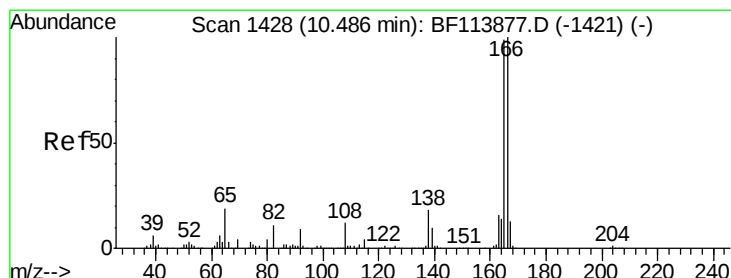
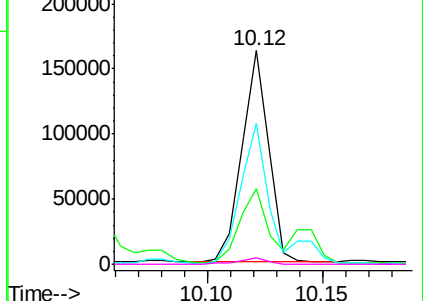


Abundance Ion 165.00 (164.70 to 165.70): E

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: 44.152 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

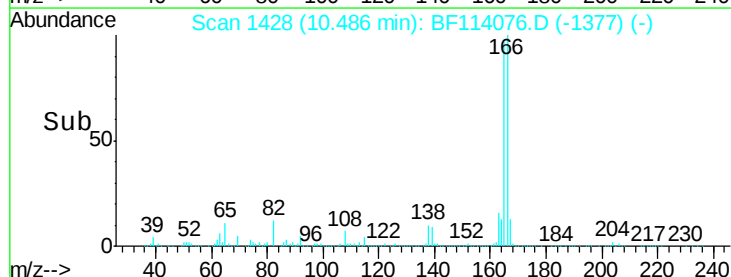
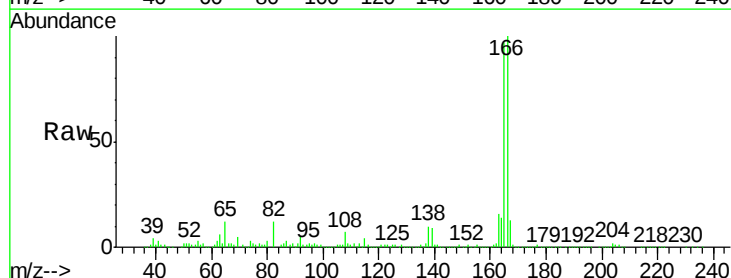
Tgt Ion:166 Resp: 446551

Ion Ratio Lower Upper

166 100

165 97.3 78.4 117.6

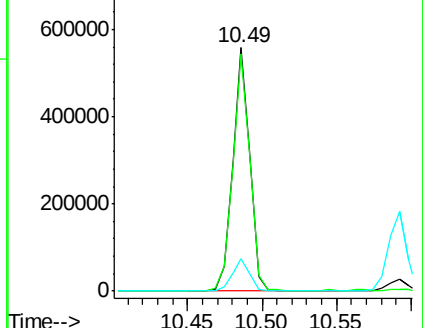
167 13.2 10.9 16.3

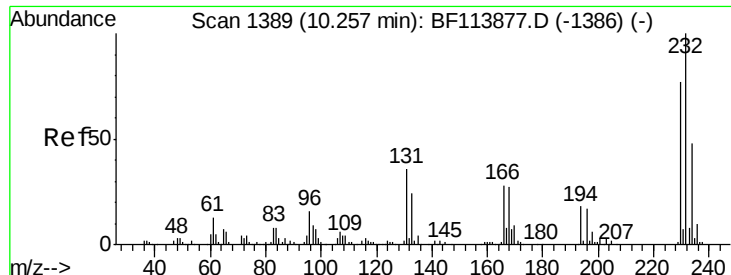


Abundance Ion 166.00 (165.70 to 166.70): E

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: 44.013 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 139625

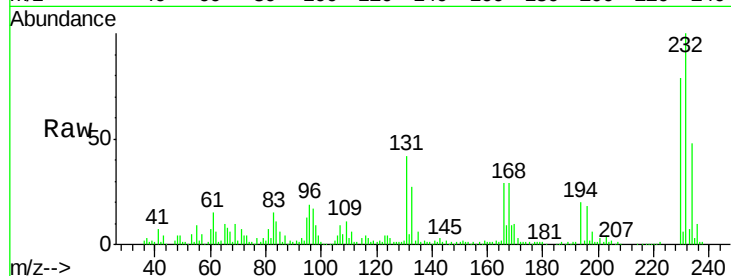
Ion Ratio Lower Upper

232 100

131 37.9 30.2 45.2

130 2.0 1.5 2.3

166 26.8 22.2 33.4

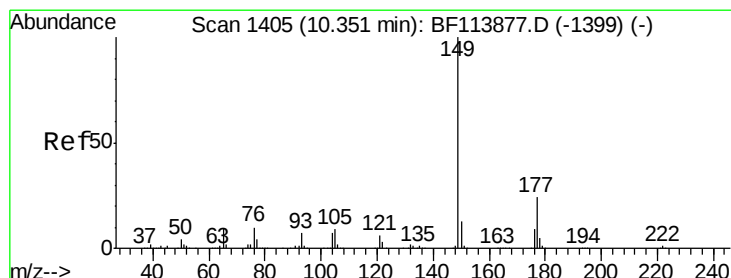
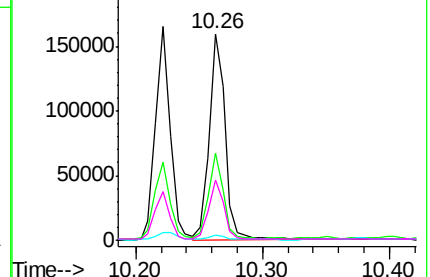
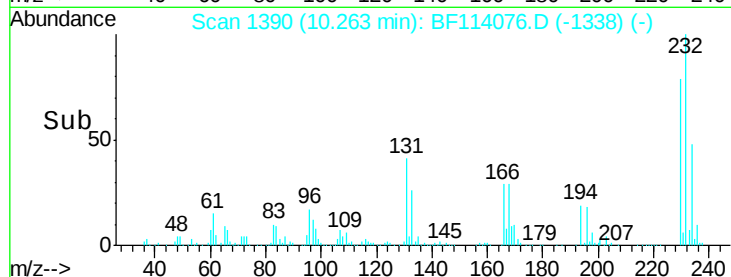


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 46.332 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

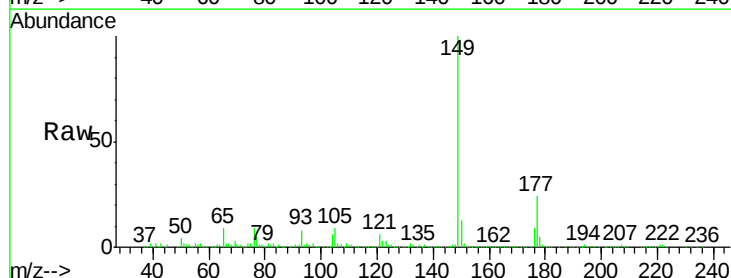
Tgt Ion:149 Resp: 496486

Ion Ratio Lower Upper

149 100

177 23.9 19.2 28.8

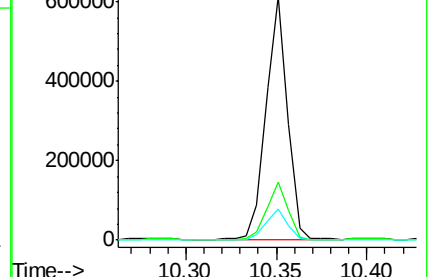
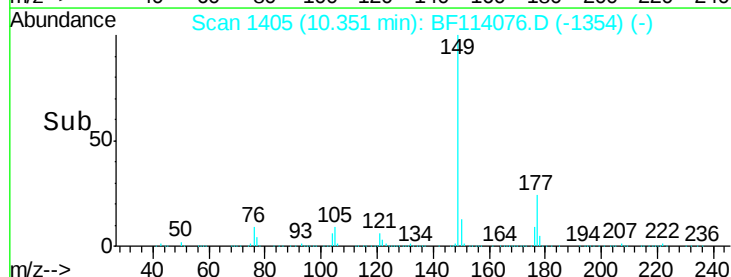
150 12.9 10.3 15.5

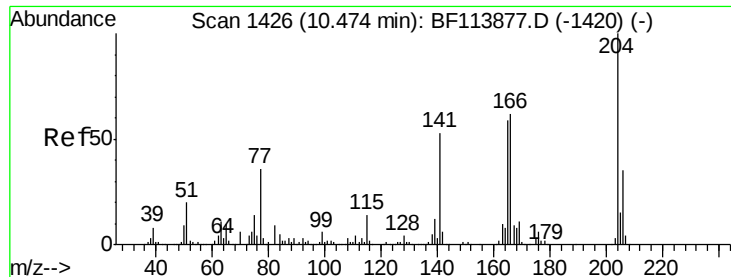


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 45.267 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

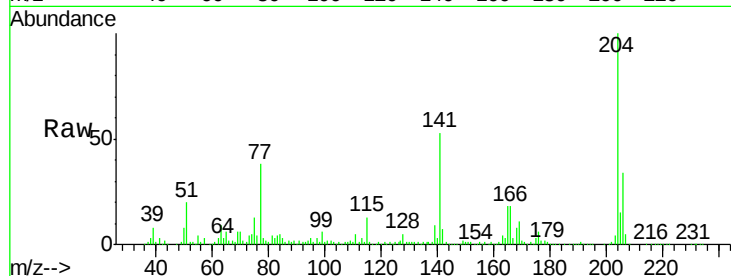
Tot Ion:204 Resp: 242459

Ion Ratio Lower Upper

204 100

206 34.5 27.4 41.2

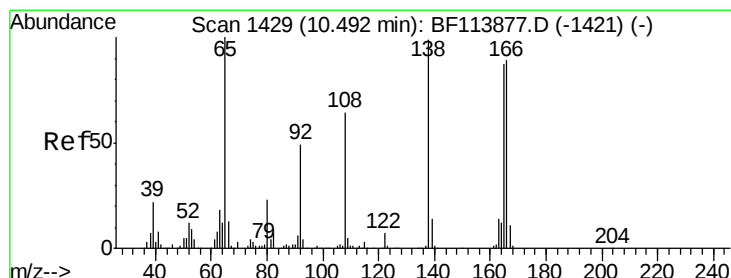
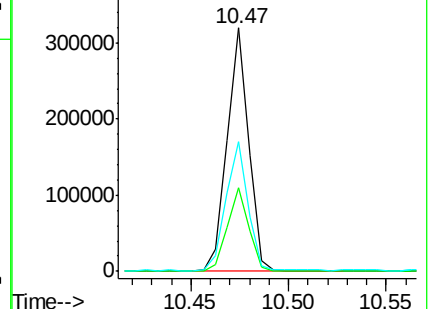
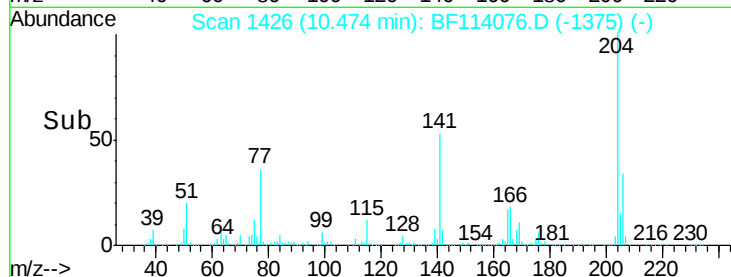
141 53.3 42.6 63.8



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: 48.435 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

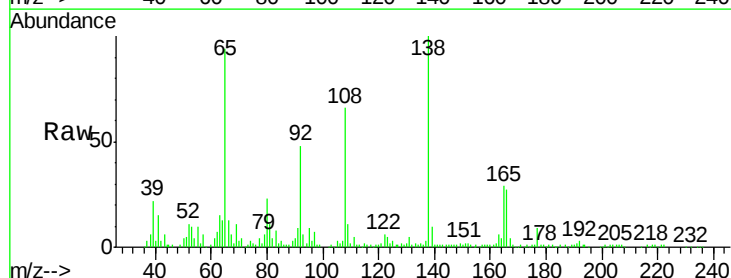
Tgt Ion:138 Resp: 120243

Ion Ratio Lower Upper

138 100

92 48.4 31.3 71.3

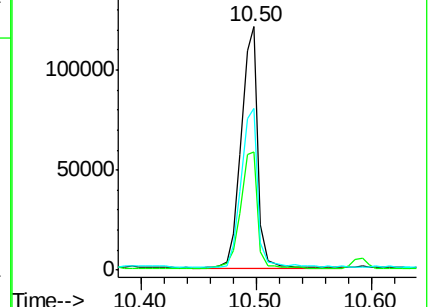
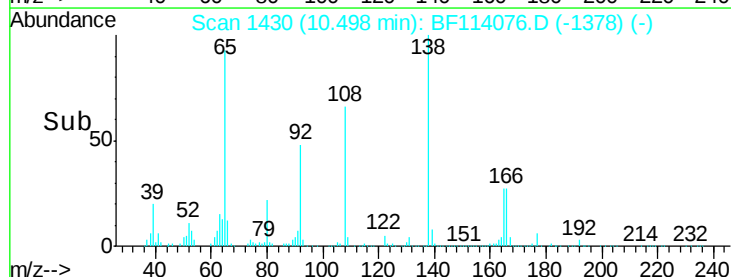
108 66.5 48.9 88.9

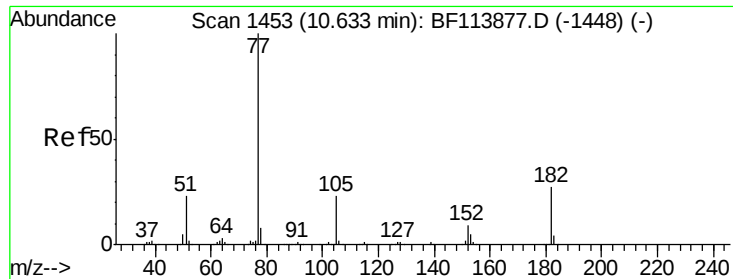


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.090 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 426751

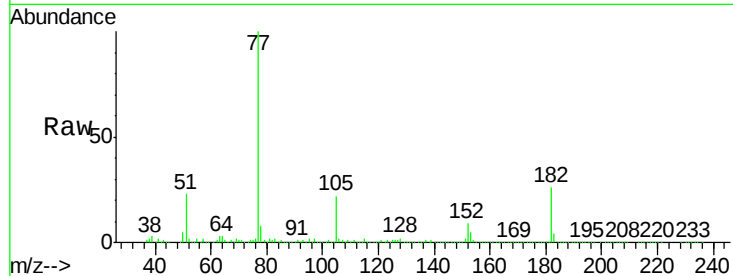
Ion Ratio Lower Upper

77 100

182 26.4 4.4 44.4

105 22.4 2.2 42.2

51 22.9 3.9 43.9

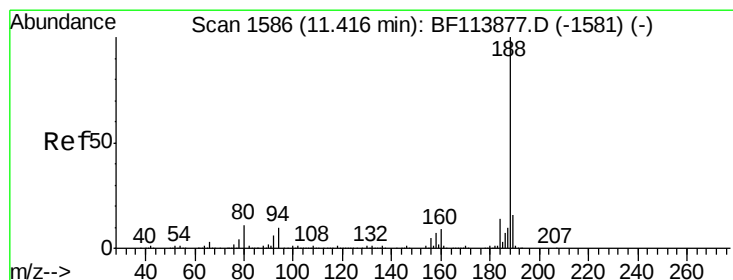
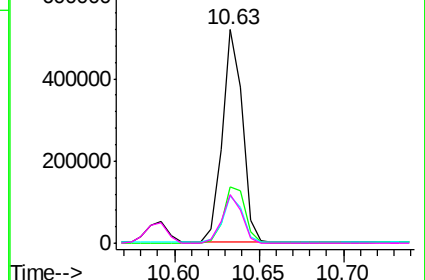
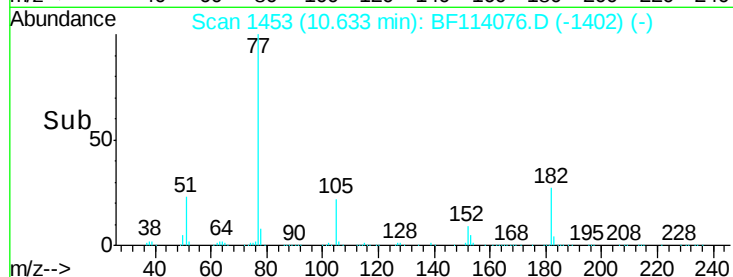


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

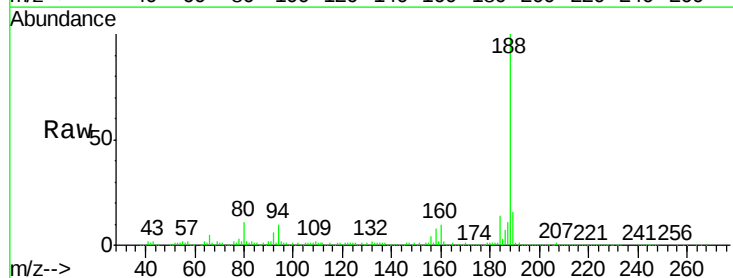
Tgt Ion: 188 Resp: 309260

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.4

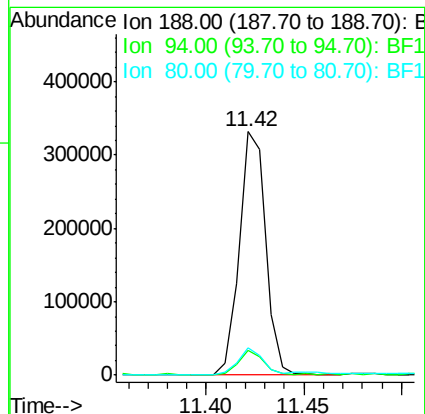
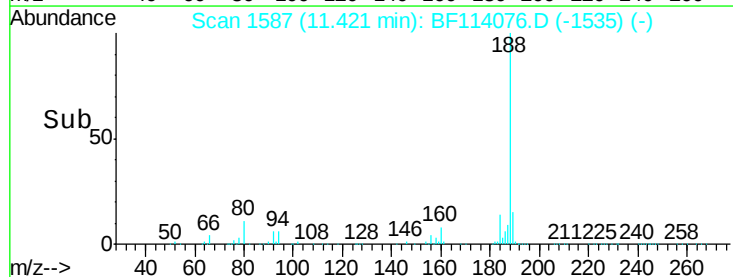
80 11.4 9.0 13.6

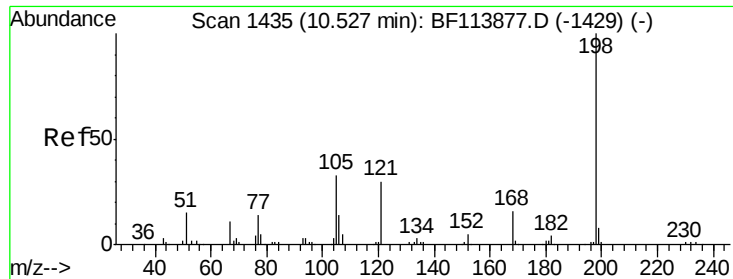


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 11.913 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

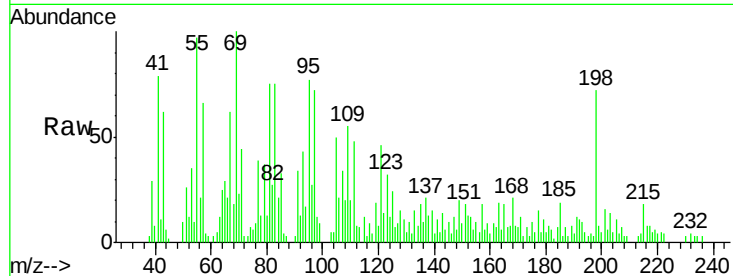
Tot Ion:198 Resp: 7700

Ion Ratio Lower Upper

198 100

51 36.4 11.1 51.1

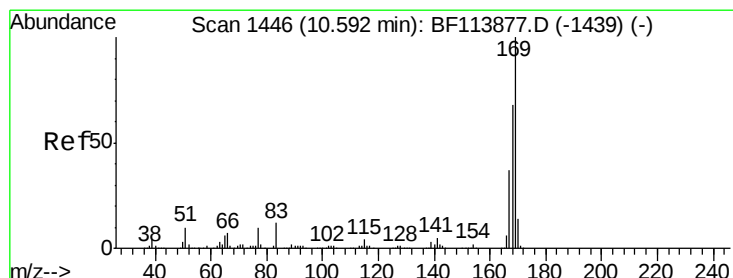
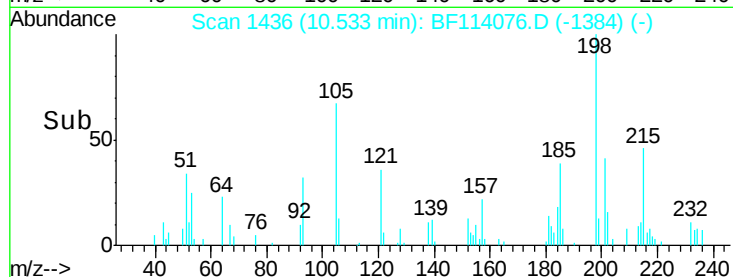
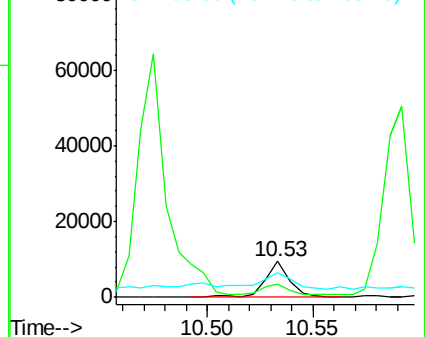
105 70.0 20.7 60.7#



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: 44.810 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

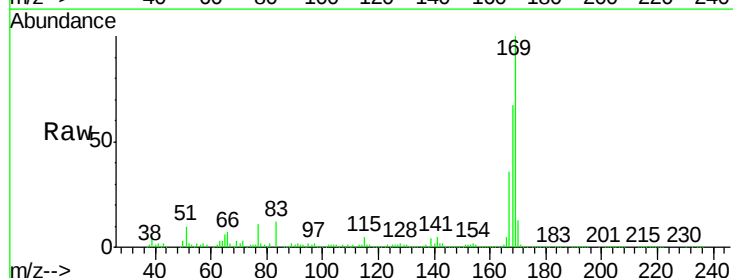
Tgt Ion:169 Resp: 415810

Ion Ratio Lower Upper

169 100

168 66.9 54.3 81.5

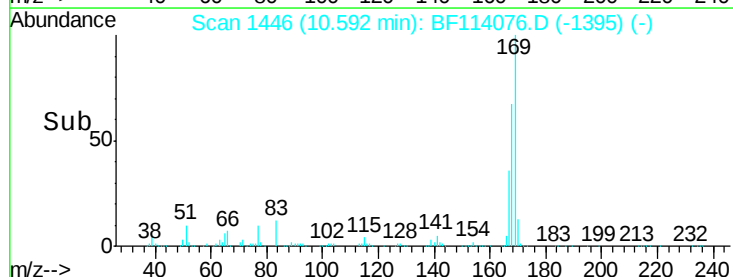
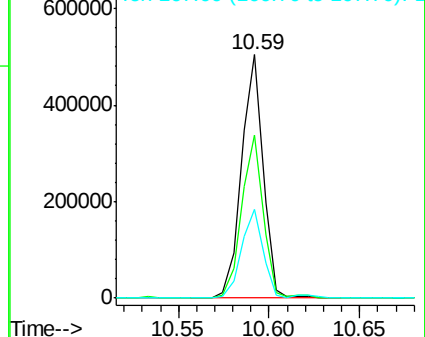
167 36.3 29.4 44.0

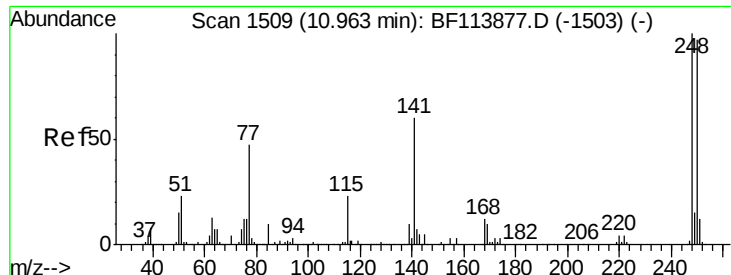


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

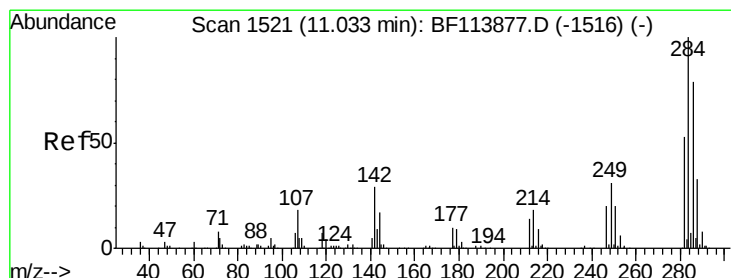
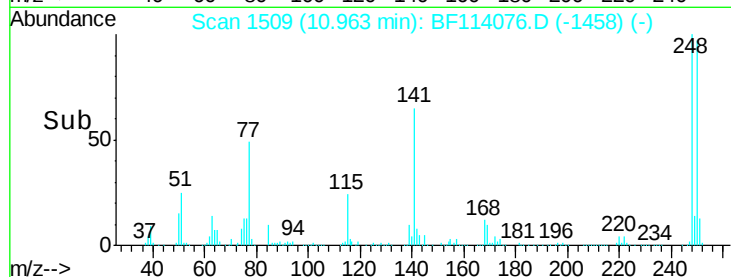
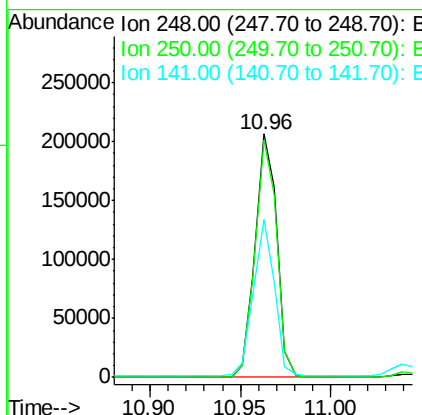
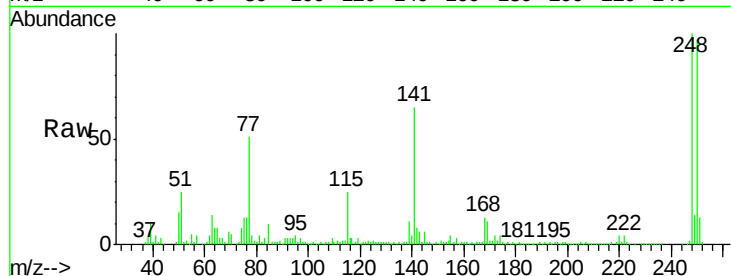




#67
4-Bromophenyl-phenylether
Concen: 46.231 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

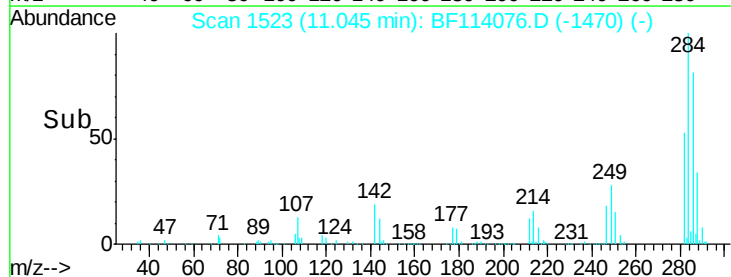
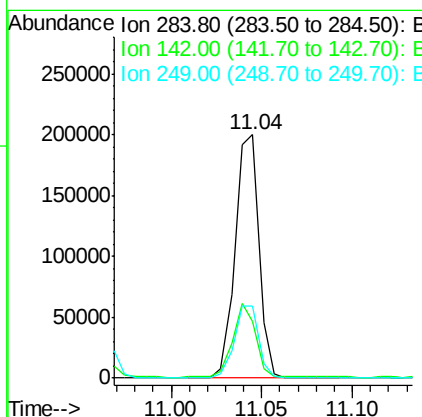
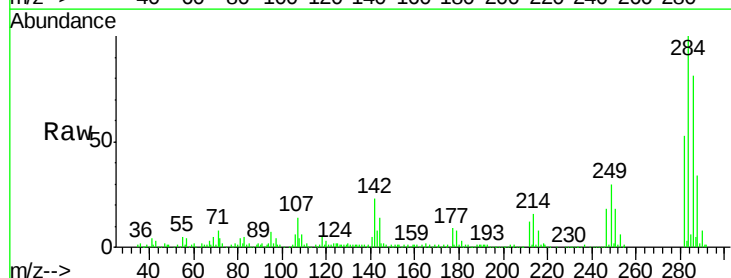
Instrument :
BNA_F
ClientSampleId :

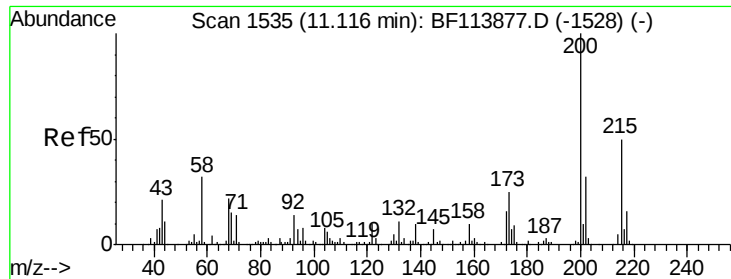
Tot Ion:248 Resp: 172718
Ion Ratio Lower Upper
248 100
250 97.4 75.8 113.6
141 65.1 50.2 75.4



#68
Hexachlorobenzene
Concen: 44.721 ng
RT: 11.04 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:284 Resp: 183600
Ion Ratio Lower Upper
284 100
142 23.4 23.0 34.4
249 29.6 24.4 36.6

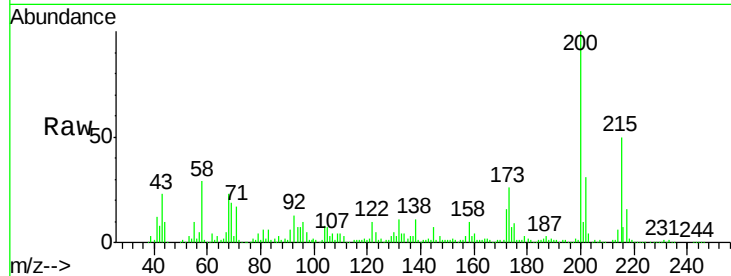




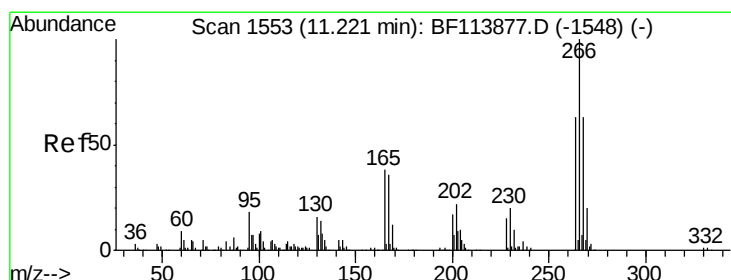
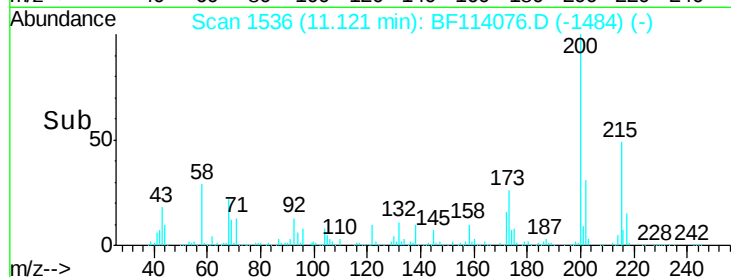
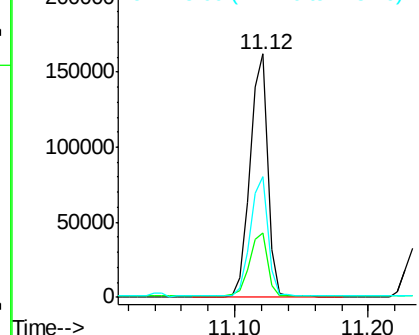
#69
Atrazine
Concen: 48.546 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 146542
Ion Ratio Lower Upper
200 100
173 26.2 5.9 45.9
215 49.6 29.3 69.3

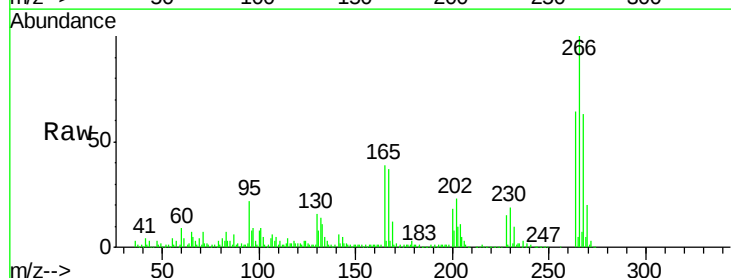


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

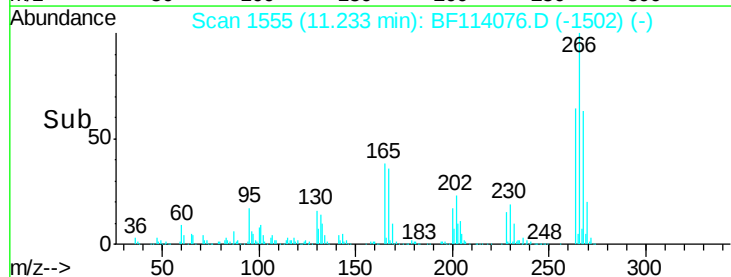
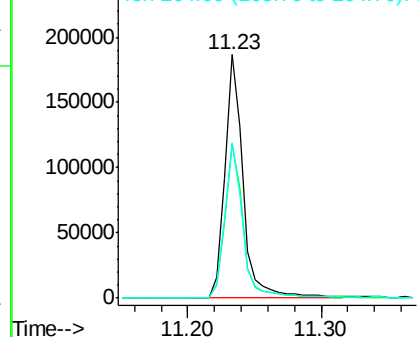


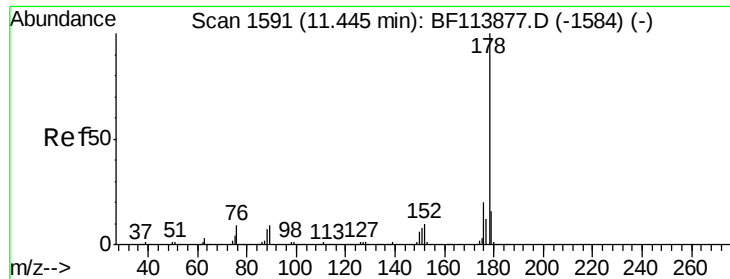
#70
Pentachlorophenol
Concen: 78.084 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:266 Resp: 181503
Ion Ratio Lower Upper
266 100
268 63.4 53.5 80.3
264 64.0 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: 46.028 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

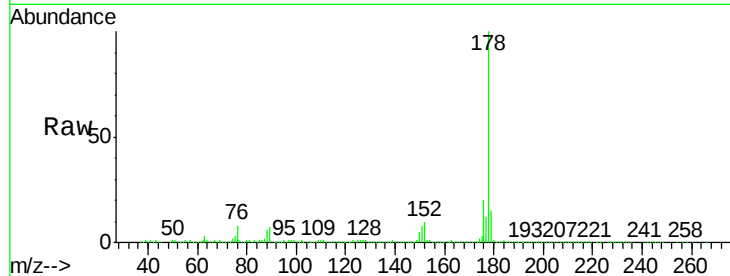
Tot Ion:178 Resp: 715369

Ion Ratio Lower Upper

178 100

176 19.6 16.1 24.1

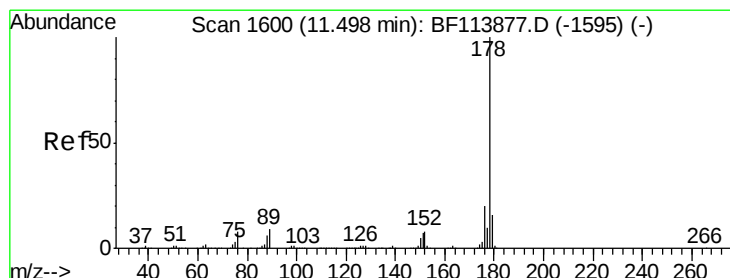
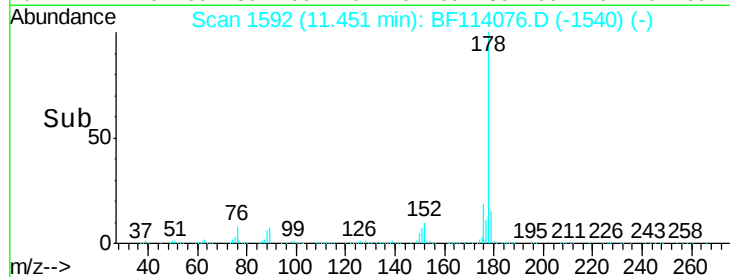
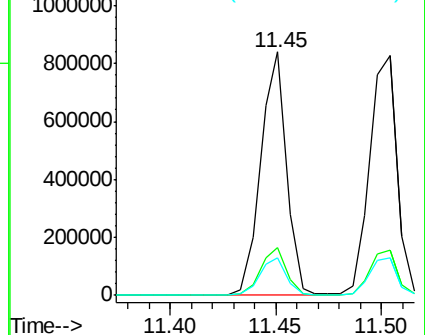
179 15.3 12.8 19.2



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: 47.612 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

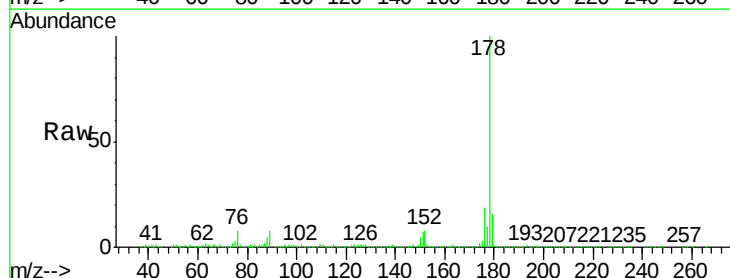
Tgt Ion:178 Resp: 747273

Ion Ratio Lower Upper

178 100

176 18.8 15.7 23.5

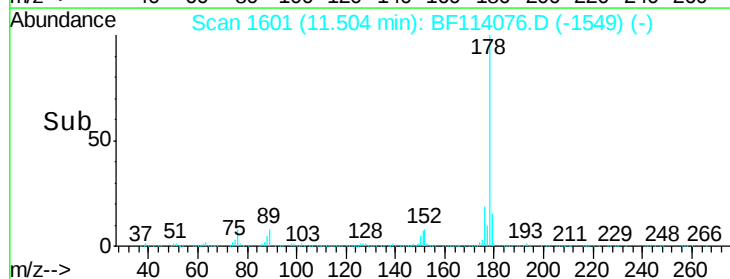
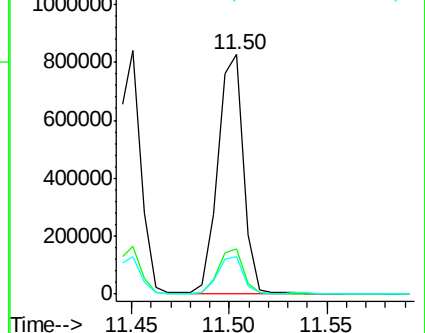
179 15.5 13.0 19.4

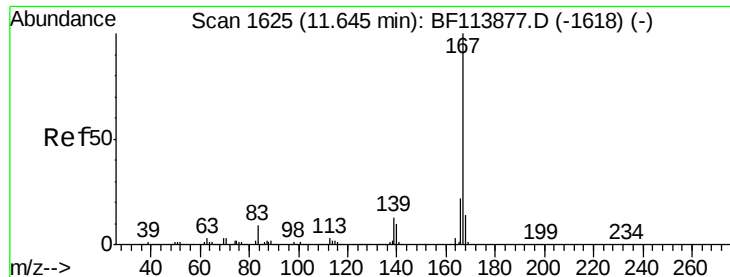


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

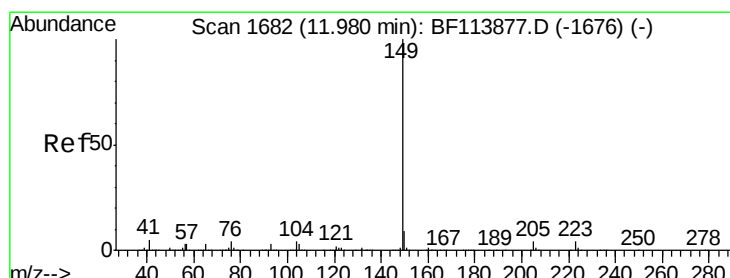
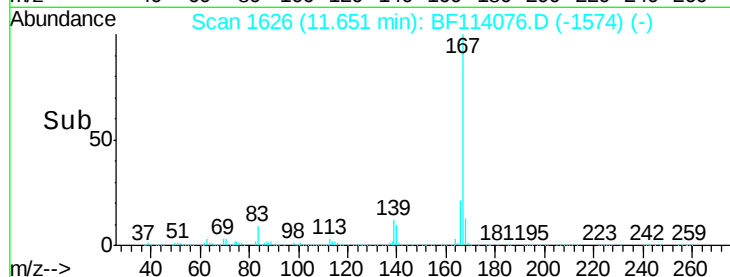
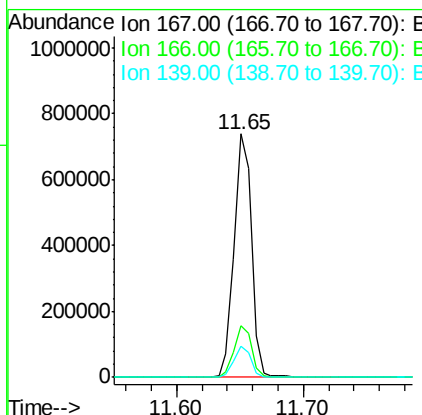
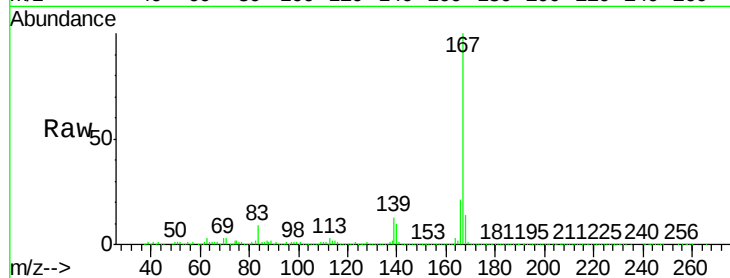




#73
 Carbazole
 Concen: 49.479 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

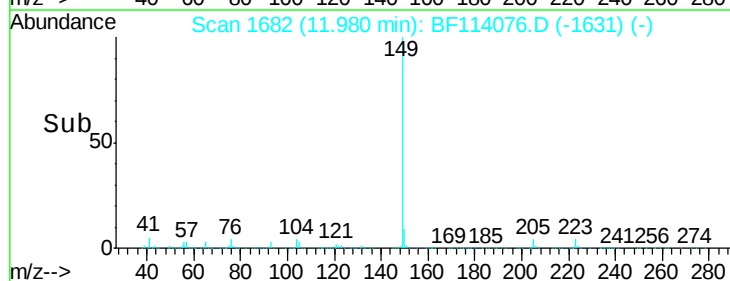
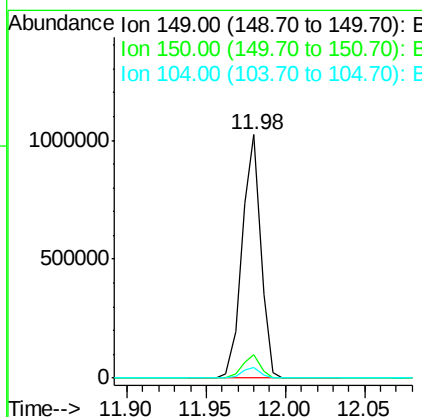
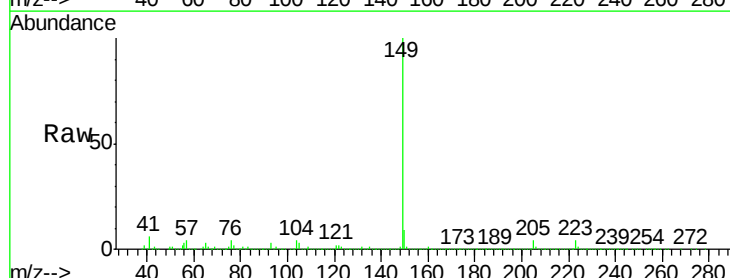
Instrument :
 BNA_F
 ClientSampleId :

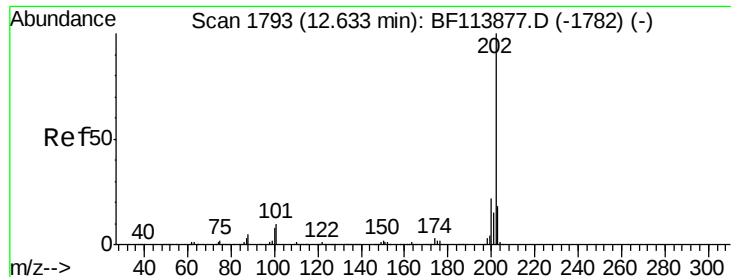
Tot Ion:167 Resp: 692814
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.7 26.5
 139 12.6 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 50.210 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF114076.D
 Acq: 1 May 2019 18:40

Tgt Ion:149 Resp: 827013
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 4.5 3.8 5.8

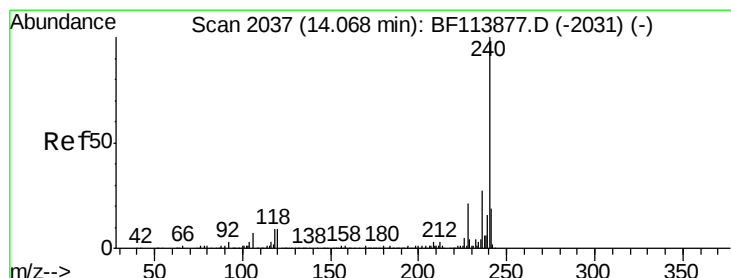
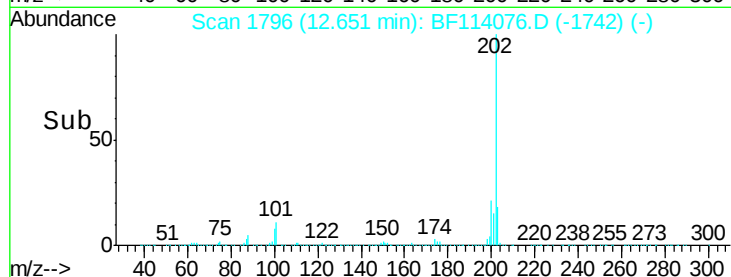
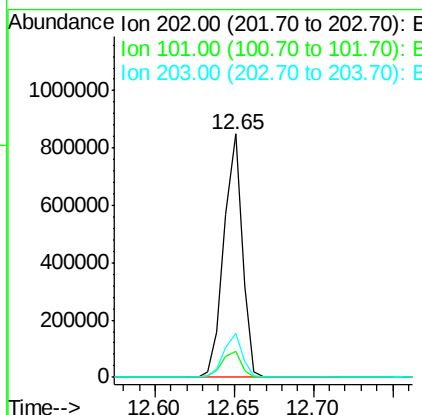
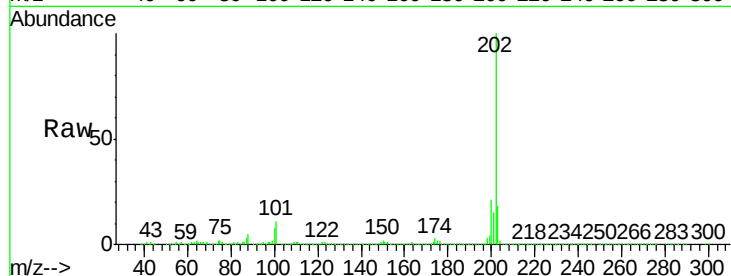




#75
Fluoranthene
Concen: 40.262 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.02 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

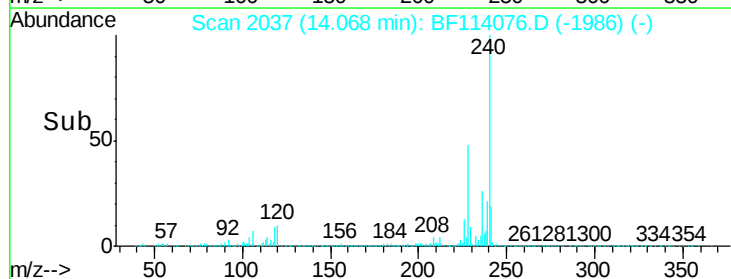
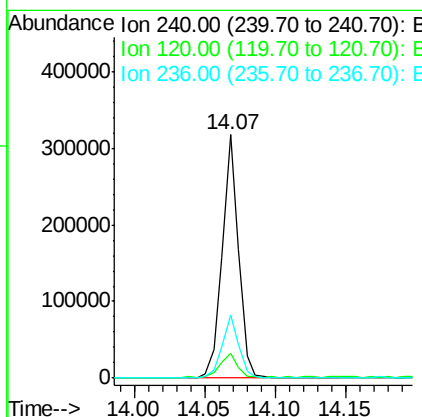
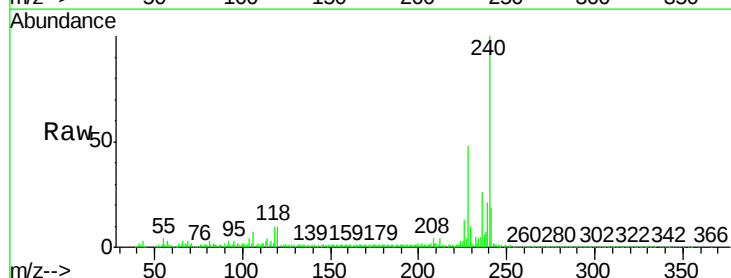
Instrument :
BNA_F
ClientSampled :

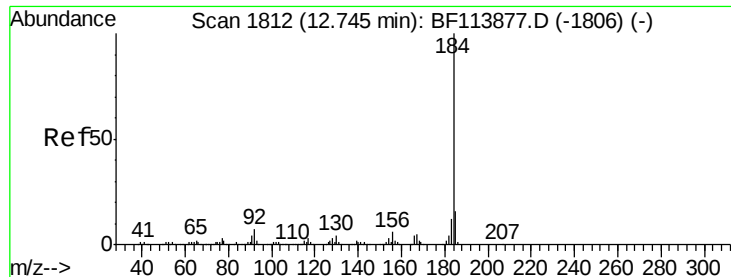
Tot Ion:202 Resp: 682712
Ion Ratio Lower Upper
202 100
101 10.8 0.0 32.9
203 17.8 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:240 Resp: 254394
Ion Ratio Lower Upper
240 100
120 10.1 9.3 13.9
236 25.9 21.2 31.8





#77

Benzidine

Concen: 8.778 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

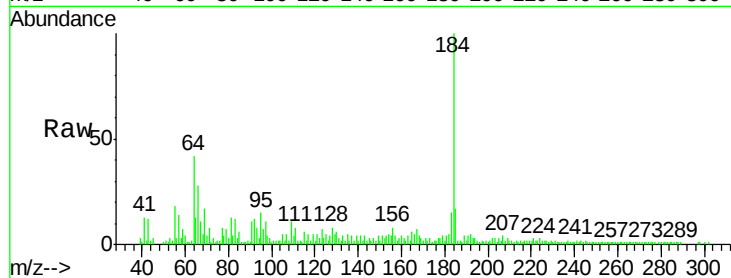
Tot Ion:184 Resp: 66538

Ion Ratio Lower Upper

184 100

185 16.6 13.0 19.6

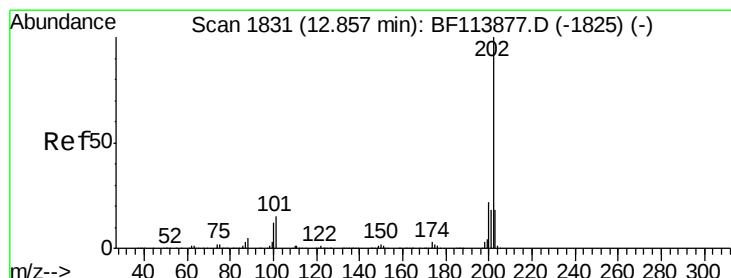
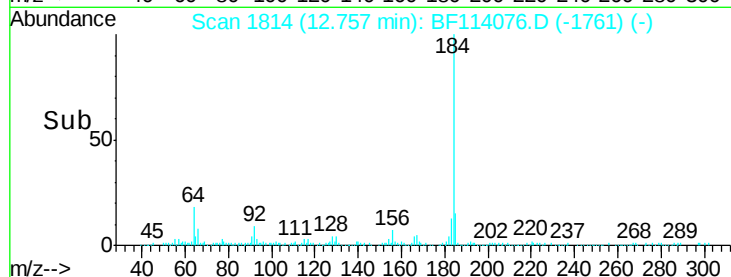
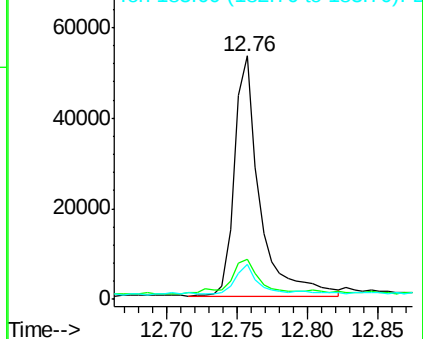
183 14.6 9.4 14.0#



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: 39.065 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

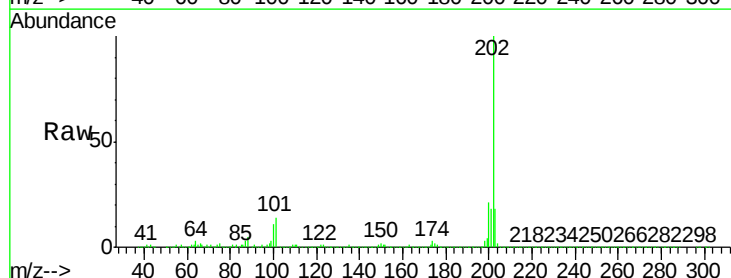
Tgt Ion:202 Resp: 694977

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

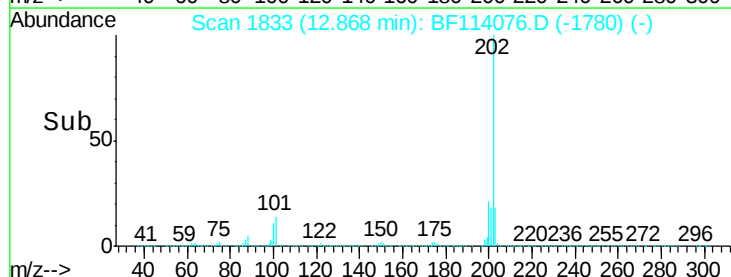
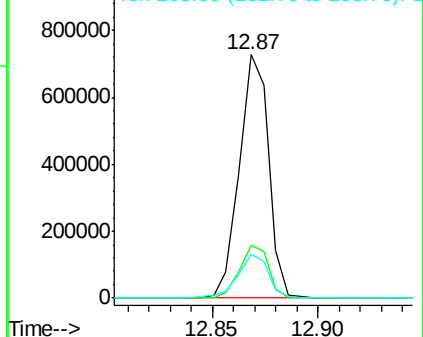
203 18.0 15.0 22.6

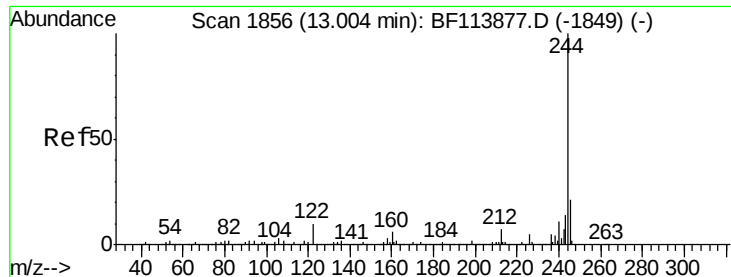


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.719 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

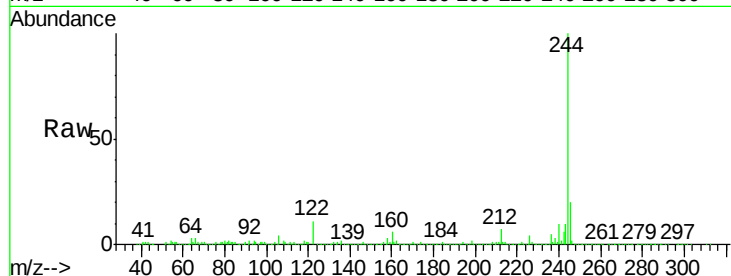
Tot Ion:244 Resp: 889941

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

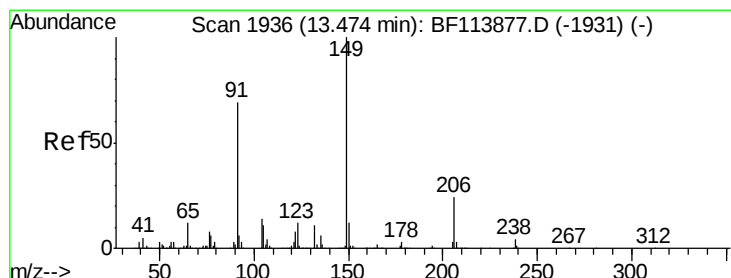
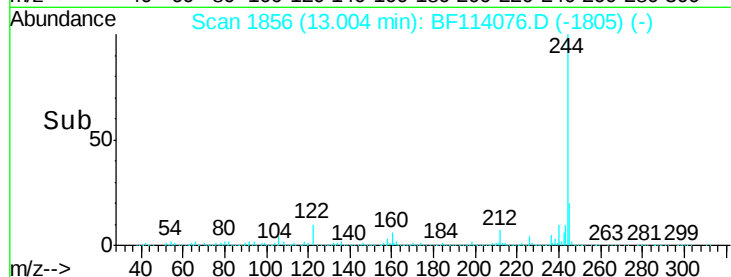
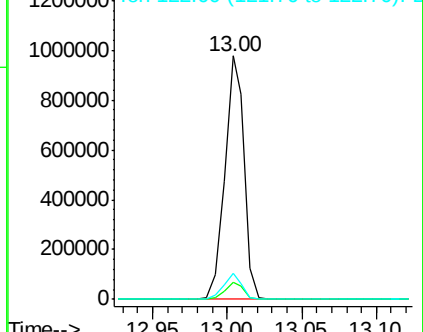
122 10.5 7.6 11.4



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: 45.938 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

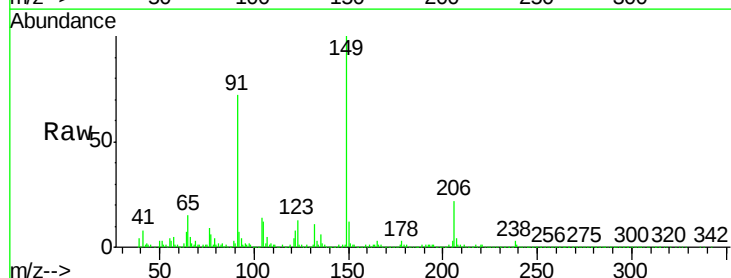
Tgt Ion:149 Resp: 321543

Ion Ratio Lower Upper

149 100

91 72.0 56.3 84.5

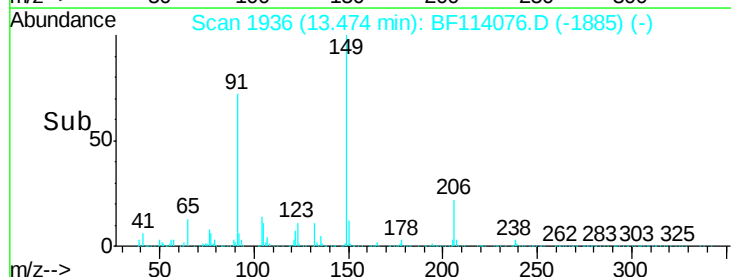
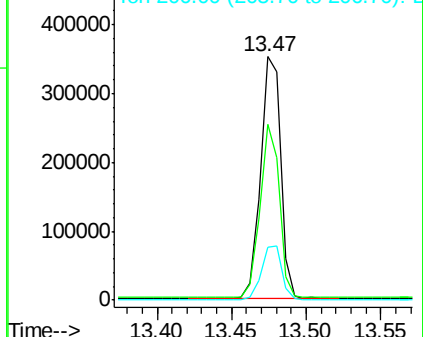
206 21.7 19.0 28.6

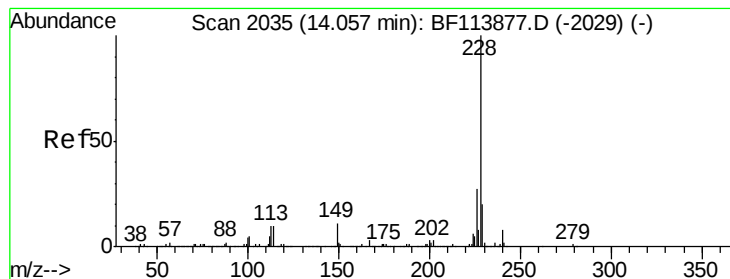


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.798 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

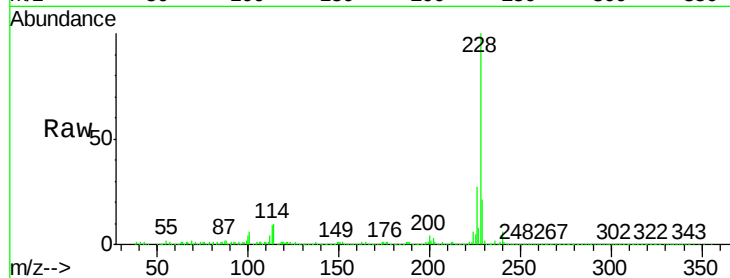
Tot Ion:228 Resp: 641477

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.2

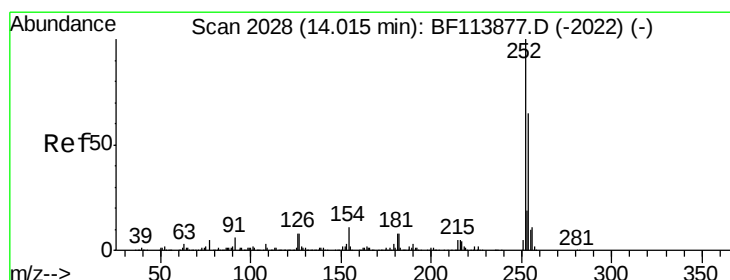
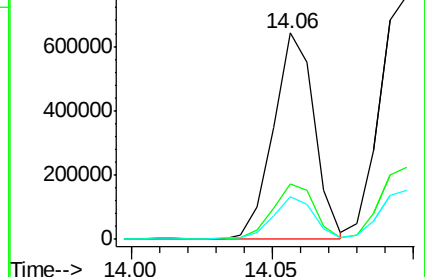
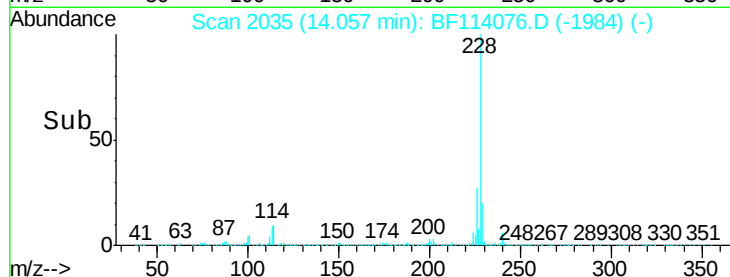
229 20.5 16.0 24.0



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: 29.044 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

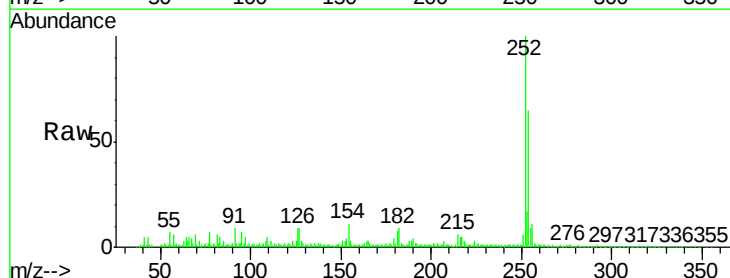
Tgt Ion:252 Resp: 159558

Ion Ratio Lower Upper

252 100

254 64.8 52.1 78.1

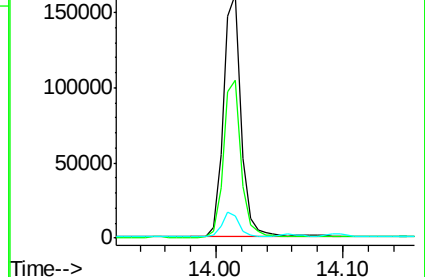
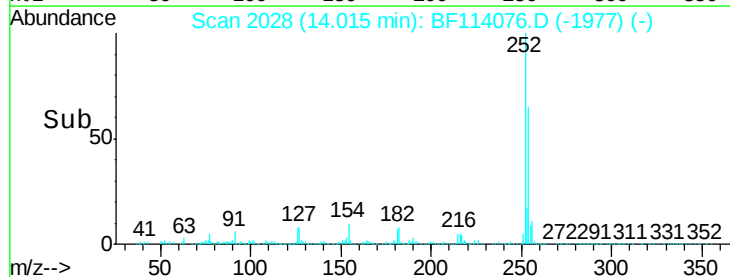
126 8.9 9.3 13.9#

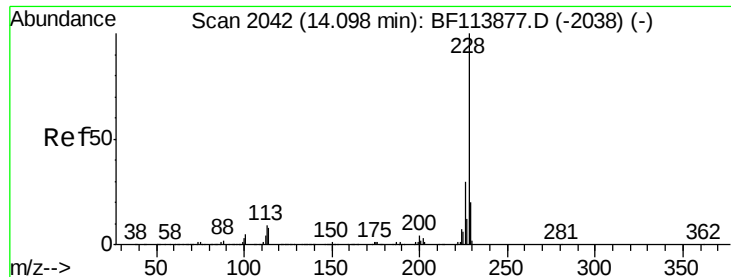


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.136 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

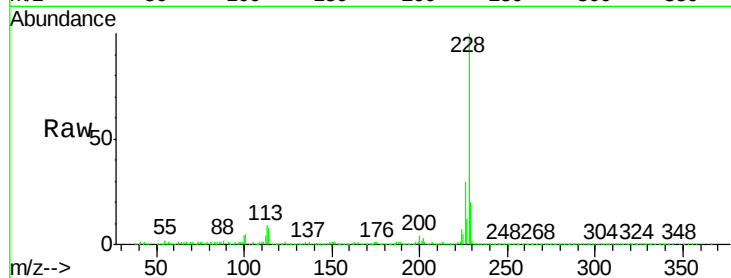
Tot Ion:228 Resp: 702662

Ion Ratio Lower Upper

228 100

226 29.8 25.2 37.8

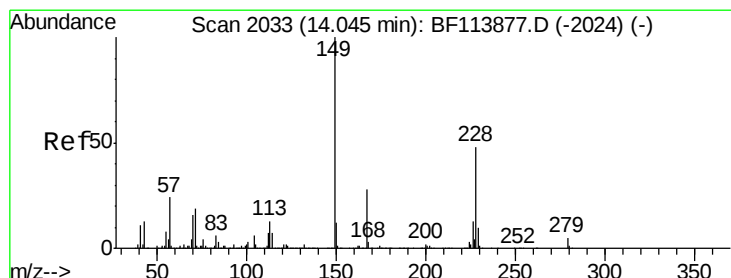
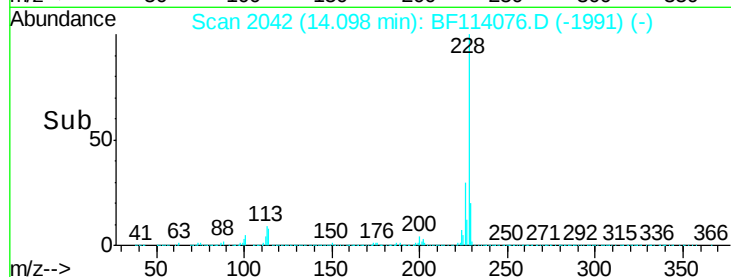
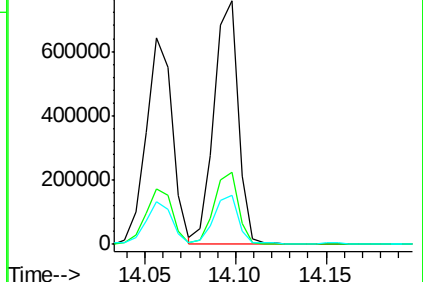
229 20.0 16.7 25.1



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: 54.461 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

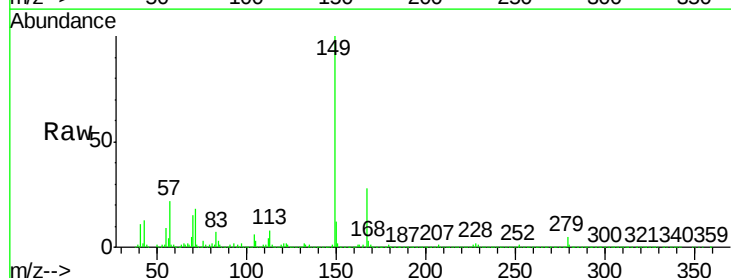
Tgt Ion:149 Resp: 485009

Ion Ratio Lower Upper

149 100

167 28.3 22.9 34.3

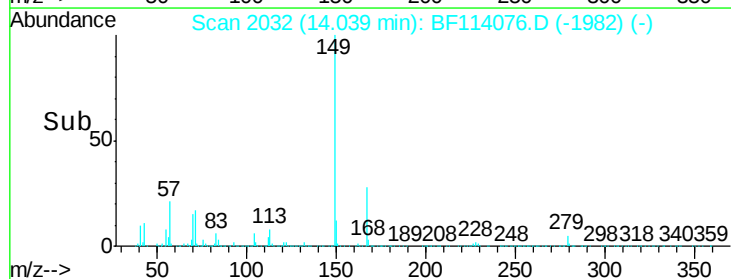
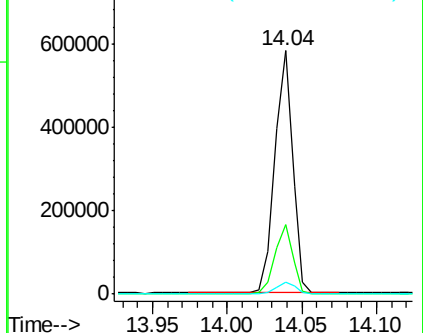
279 4.9 4.2 6.2

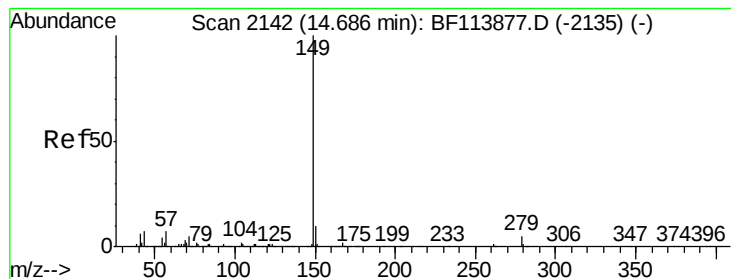


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 64.297 ng

RT: 14.66 min Scan# 2137

Delta R.T. -0.03 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampled :

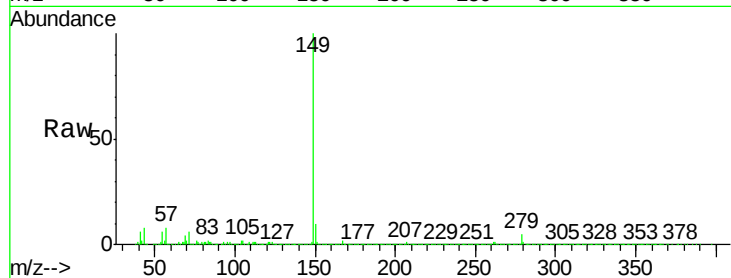
Tot Ion:149 Resp: 896249

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

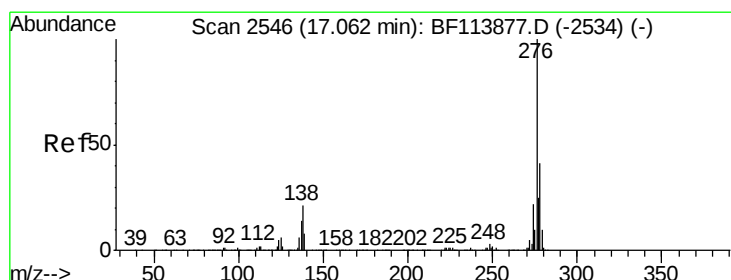
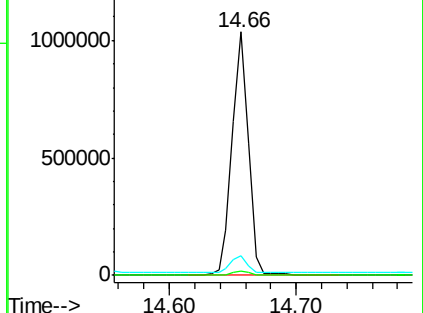
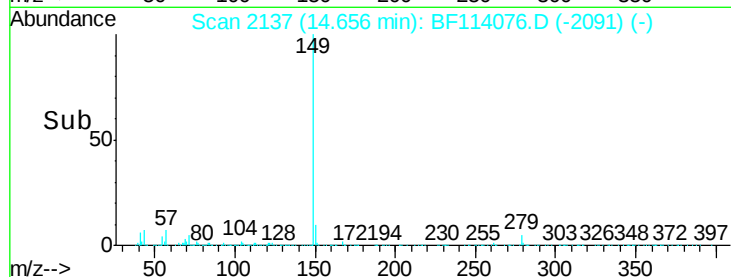
43 7.5 6.6 10.0



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: 32.841 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

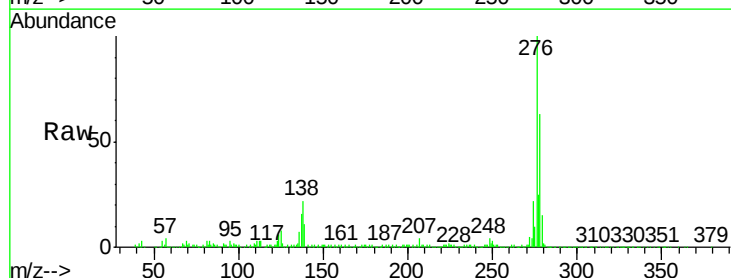
Tgt Ion:276 Resp: 454097

Ion Ratio Lower Upper

276 100

138 23.0 19.6 29.4

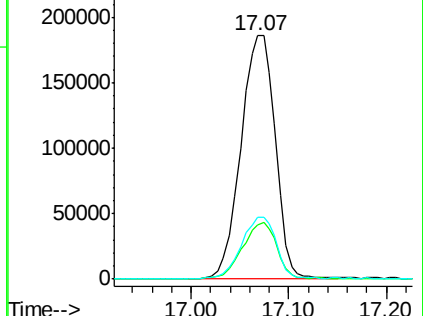
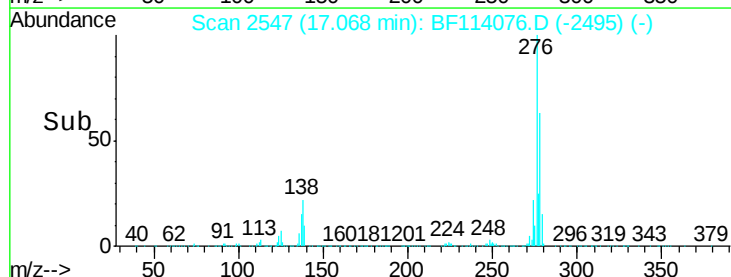
277 25.3 20.2 30.4

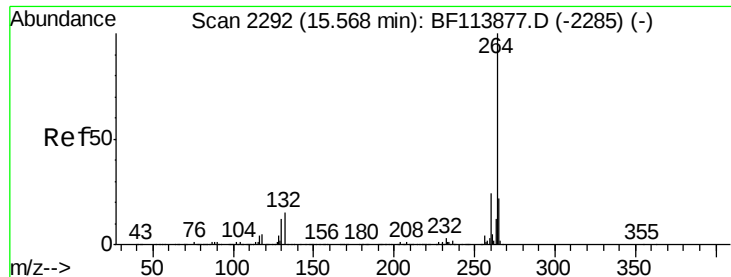


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

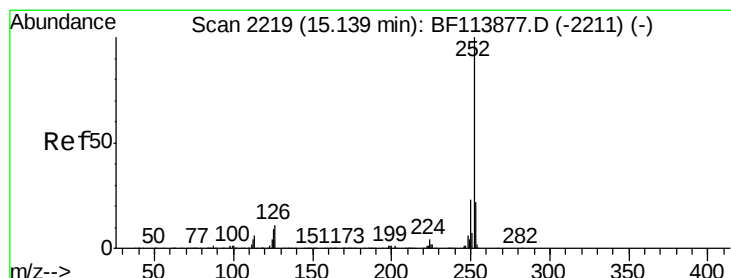
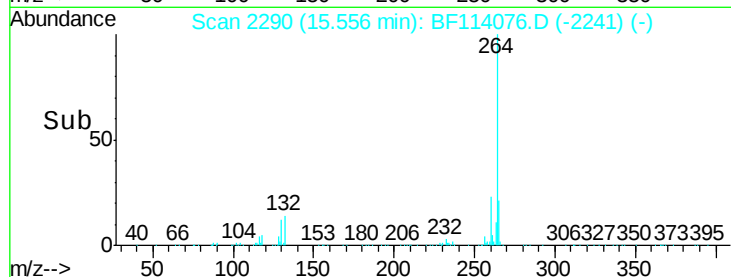
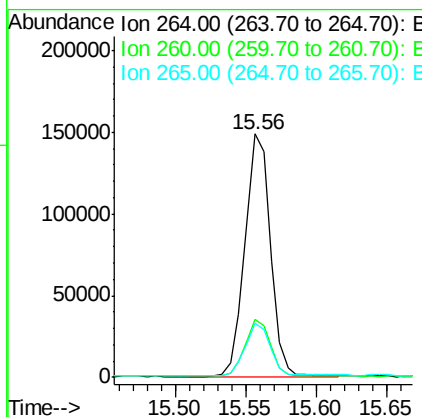
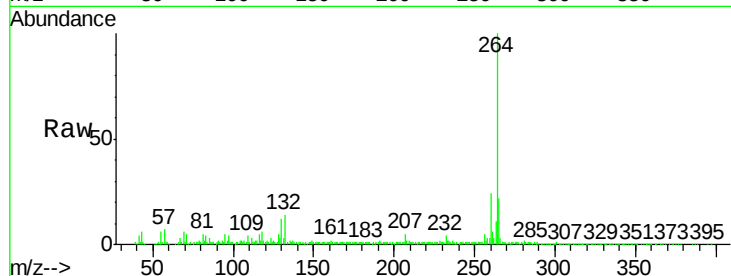




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

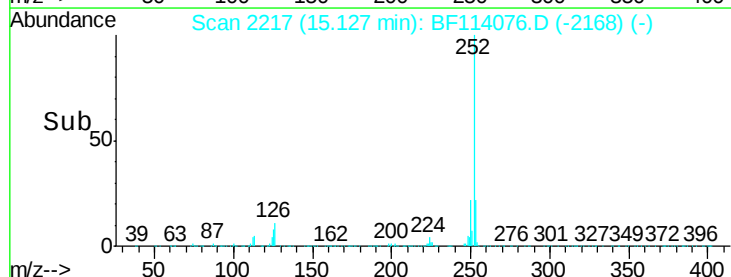
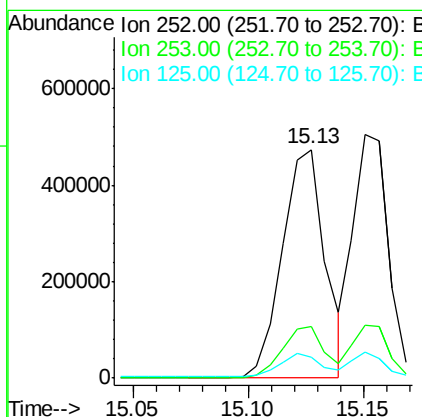
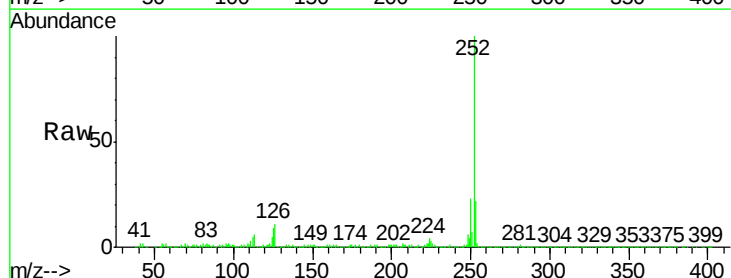
Instrument :
BNA_F
ClientSampleId :

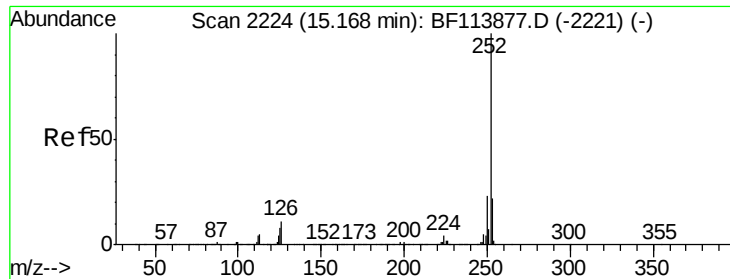
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.1	17.3	25.9



#88
Benzo(b)fluoranthene
Concen: 50.912 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.0	7.0	10.6

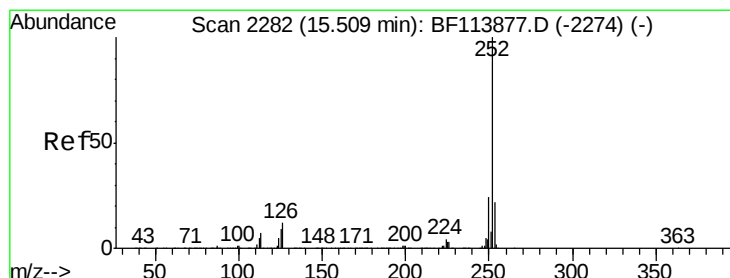
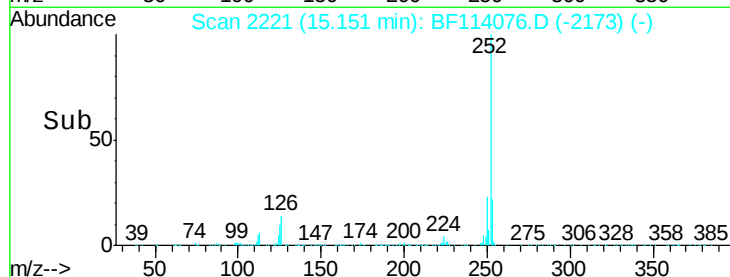
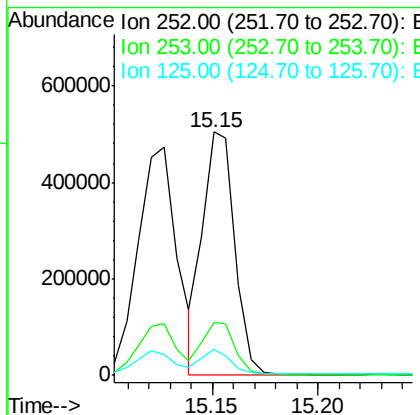
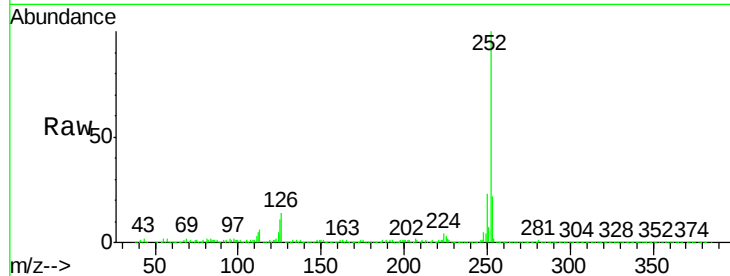




#89
Benzo(k)fluoranthene
Concen: 51.827 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

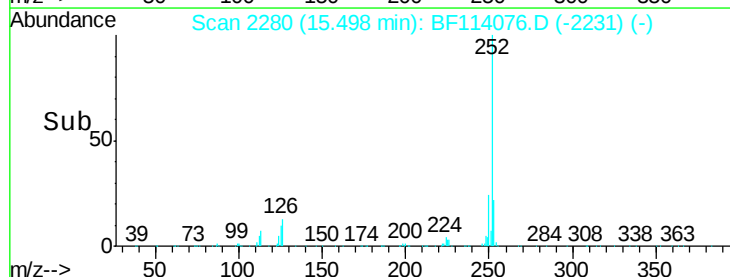
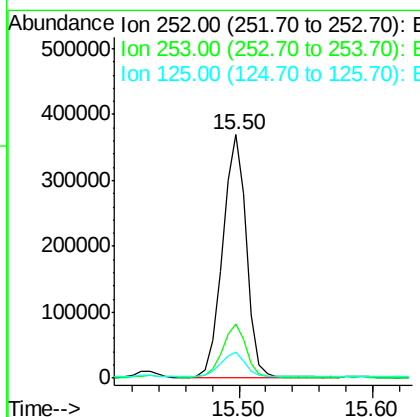
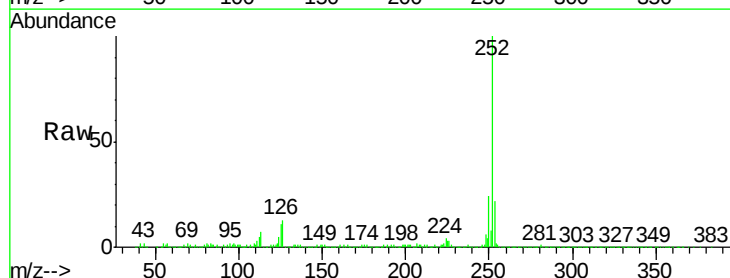
Instrument :
BNA_F
ClientSampleId :

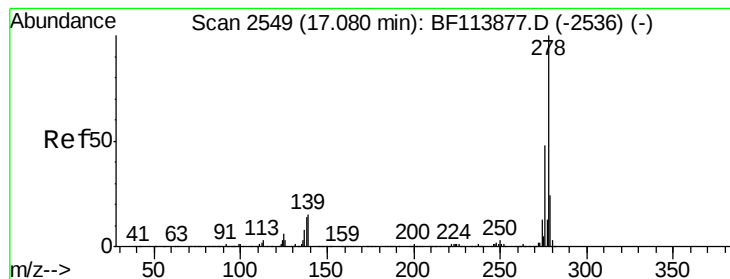
Tot Ion:252 Resp: 530685
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 10.6 7.4 11.2



#90
Benzo(a)pyrene
Concen: 44.741 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF114076.D
Acq: 1 May 2019 18:40

Tgt Ion:252 Resp: 460672
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.5 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 41.053 ng

RT: 17.08 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

Instrument :

BNA_F

ClientSampleId :

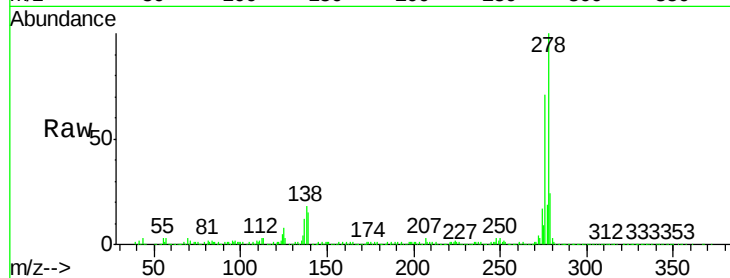
Tot Ion:278 Resp: 396792

Ion Ratio Lower Upper

278 100

139 14.9 11.6 17.4

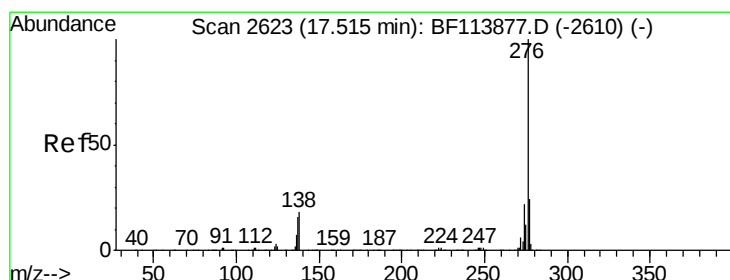
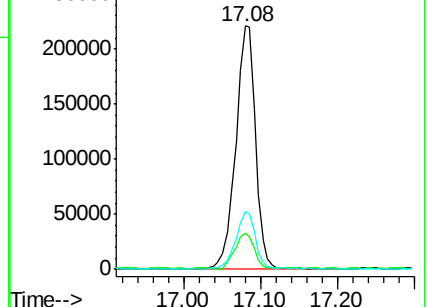
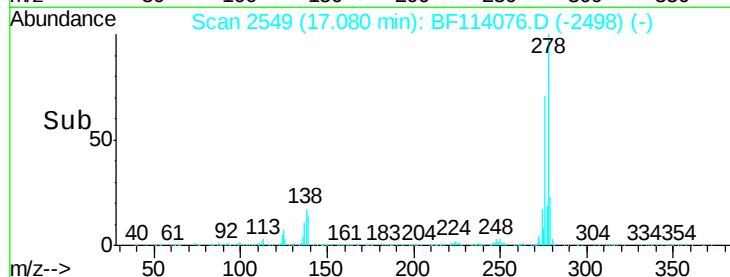
279 23.6 19.0 28.6



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: 37.917 ng

RT: 17.53 min Scan# 2625

Delta R.T. 0.01 min

Lab File: BF114076.D

Acq: 1 May 2019 18:40

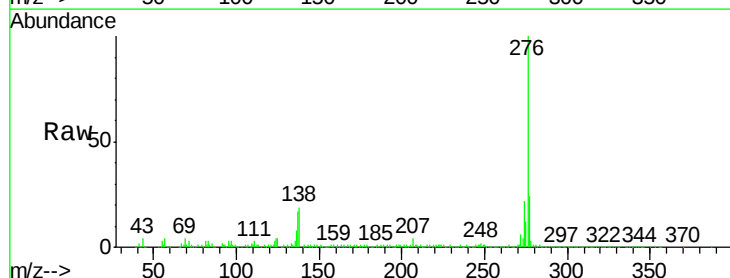
Tgt Ion:276 Resp: 369845

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 19.4 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

