

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
 Data File : BF114070.D
 Acq On : 1 May 2019 15:40
 Operator : JU/SJ
 Sample : K2191-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 01:00:11 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	90554	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	331249	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	162677	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	328211	20.00	ng	0.01
76) Chrysene-d12	14.07	240	234877	20.00	ng	0.00
87) Perylene-d12	15.56	264	187213	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	643622	121.57	ng	0.01
7) Phenol-d6	6.53	99	845839	127.34	ng	0.01
23) Nitrobenzene-d5	7.46	82	481077	89.67	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	249280	125.79	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	869511	83.60	ng	0.00
79) Terphenyl-d14	13.01	244	927786	80.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	105433	42.245	ng	97
3) Pyridine	3.46	79	249097	36.566	ng	95
4) n-Nitrosodimethylamine	3.39	42	92940	39.855	ng	94
6) Aniline	6.56	93	171628	18.816	ng	# 91
8) 2-Chlorophenol	6.69	128	244115	40.385	ng	99
9) Benzaldehyde	6.45	77	62594	12.079	ng	98
10) Phenol	6.55	94	352919	44.432	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	241006	40.321	ng	98
12) 1,3-Dichlorobenzene	6.84	146	263158	38.440	ng	100
13) 1,4-Dichlorobenzene	6.92	146	277908	40.360	ng	99
14) 1,2-Dichlorobenzene	7.07	146	254444	40.208	ng	99
15) Benzyl Alcohol	7.03	79	215635	48.200	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	264536	37.913	ng	92
17) 2-Methylphenol	7.15	107	204753	38.643	ng	97
18) Hexachloroethane	7.41	117	64575	26.753	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	176789	41.098	ng	95
20) 3+4-Methylphenols	7.30	107	261953	43.758	ng	# 64
22) Acetophenone	7.30	105	350428	47.539	ng	# 94
24) Nitrobenzene	7.47	77	265490	44.786	ng	99
25) Isophorone	7.72	82	497096	45.284	ng	99
26) 2-Nitrophenol	7.79	139	127617	47.189	ng	95
27) 2,4-Dimethylphenol	7.83	122	229200	52.018	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	314351	44.939	ng	99
29) 2,4-Dichlorophenol	8.04	162	238619	47.359	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	245693	43.733	ng	100
31) Naphthalene	8.20	128	762138	48.432	ng	99
32) Benzoic acid	7.93	122	36977	12.427	ng	93
33) 4-Chloroaniline	8.25	127	102420	15.382	ng	97
34) Hexachlorobutadiene	8.32	225	152238	43.469	ng	99
35) Caprolactam	8.61	113	69615	43.433	ng	98
36) 4-Chloro-3-methylphenol	8.73	107	226358	45.346	ng	98
37) 2-Methylnaphthalene	8.89	142	499986	47.117	ng	98
38) 1-Methylnaphthalene	8.99	142	471870	46.072	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	247166	46.774	ng	98

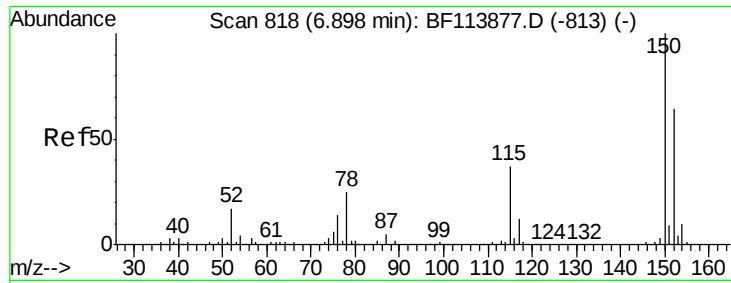
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
 Data File : BF114070.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	8653	2.936	ng	96
43) 2,4,6-Trichlorophenol	9.17	196	170369	50.773	ng	99
44) 2,4,5-Trichlorophenol	9.22	196	183871	48.854	ng	98
46) 1,1'-Biphenyl	9.36	154	591530	47.599	ng	98
47) 2-Chloronaphthalene	9.39	162	463661	45.879	ng	99
48) 2-Nitroaniline	9.47	65	149745	56.523	ng	91
49) Acenaphthylene	9.80	152	699773	44.230	ng	99
50) Dimethylphthalate	9.65	163	693911	58.981	ng	99
51) 2,6-Dinitrotoluene	9.72	165	119394	47.303	ng	98
52) Acenaphthene	9.97	154	400399	42.823	ng	97
53) 3-Nitroaniline	9.88	138	90835	34.247	ng	97
54) 2,4-Dinitrophenol	10.00	184	5368	12.723	ng	# 14
55) Dibenzofuran	10.15	168	609601	43.525	ng	99
56) 4-Nitrophenol	10.05	139	188975	89.986	ng	90
57) 2,4-Dinitrotoluene	10.12	165	132206	41.497	ng	97
58) Fluorene	10.49	166	497510	47.181	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	150369	45.463	ng	99
60) Diethylphthalate	10.35	149	543729	48.667	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	273133	48.910	ng	98
62) 4-Nitroaniline	10.50	138	132519	51.199	ng	96
63) Azobenzene	10.63	77	474196	43.793	ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	7431	11.496	ng	# 59
66) n-Nitrosodiphenylamine	10.59	169	462303	46.944	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	171706	43.306	ng	95
68) Hexachlorobenzene	11.05	284	176048	40.405	ng	97
69) Atrazine	11.12	200	143521	44.800	ng	99
70) Pentachlorophenol	11.23	266	191845	77.767	ng	96
71) Phenanthrene	11.45	178	736435	44.647	ng	99
72) Anthracene	11.50	178	749092	44.972	ng	99
73) Carbazole	11.66	167	671390	45.180	ng	99
74) Di-n-butylphthalate	11.98	149	863939	49.423	ng	100
75) Fluoranthene	12.65	202	712980	39.619	ng	98
77) Benzidine	12.76	184	63321	9.048	ng	# 97
78) Pyrene	12.87	202	714061	43.473	ng	98
80) Butylbenzylphthalate	13.48	149	327708	50.709	ng	95
81) Benzo(a)anthracene	14.06	228	661842	47.826	ng	100
82) 3,3'-Dichlorobenzidine	14.02	252	166424	32.811	ng	# 97
83) Chrysene	14.10	228	627227	46.539	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	498311	60.605	ng	100
85) Di-n-octyl phthalate	14.66	149	822138	63.881	ng	98
86) Indeno(1,2,3-cd)pyrene	17.07	276	450981	35.326	ng	98
88) Benzo(b)fluoranthene	15.13	252	520111	43.910	ng	99
89) Benzo(k)fluoranthene	15.16	252	497914	48.870	ng	100
90) Benzo(a)pyrene	15.50	252	451361	44.056	ng	99
91) Dibenzo(a,h)anthracene	17.09	278	388664	40.413	ng	99
92) Benzo(g,h,i)perylene	17.53	276	364954	37.603	ng	98

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

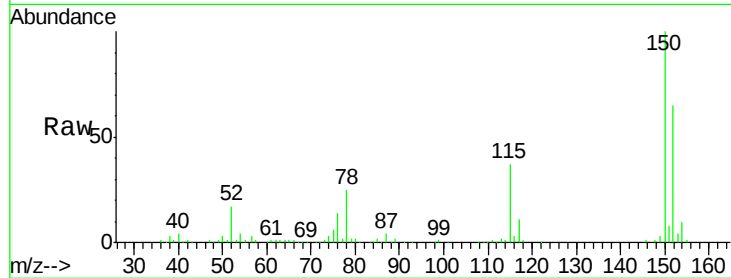


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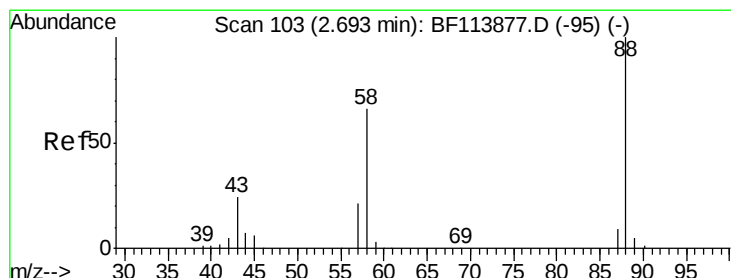
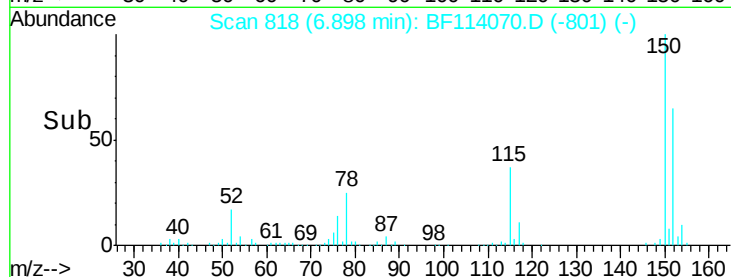
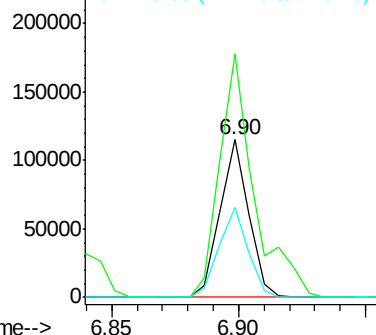
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90554
Ion Ratio Lower Upper
152 100
150 154.5 125.9 188.9
115 57.2 45.9 68.9



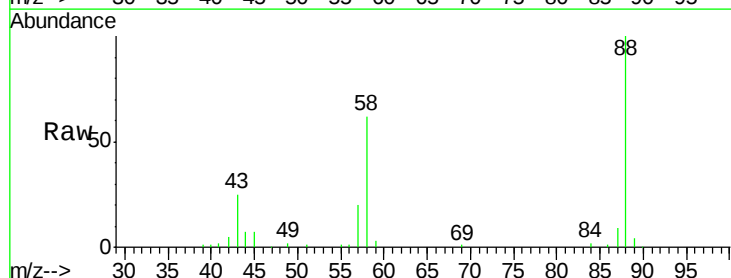
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



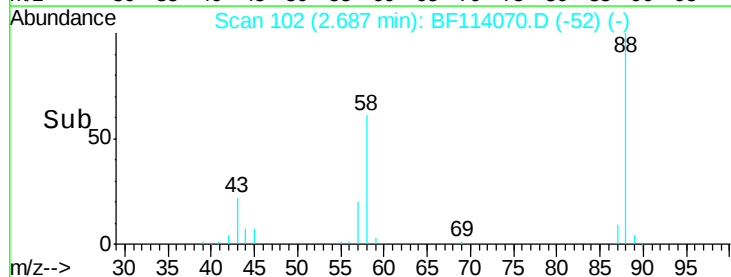
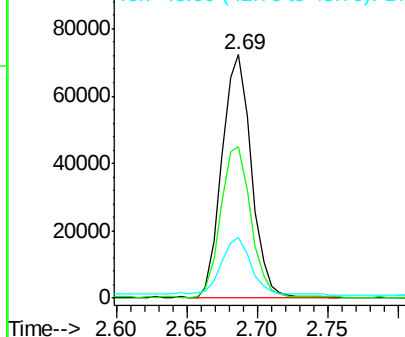
#2

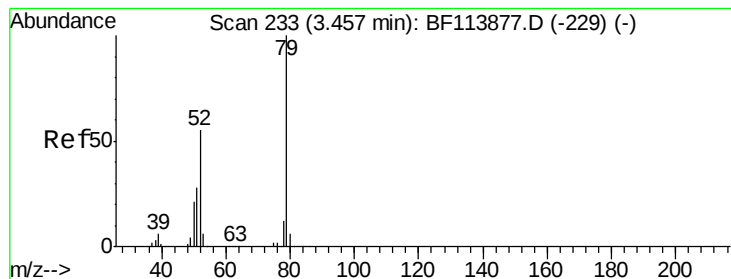
1,4-Dioxane
Concen: 42.245 ng
RT: 2.69 min Scan# 102
Delta R.T. -0.01 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Tgt Ion: 88 Resp: 105433
Ion Ratio Lower Upper
88 100
58 64.6 53.3 79.9
43 25.8 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: 36.566 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Instrument :

BNA_F

ClientSampled :

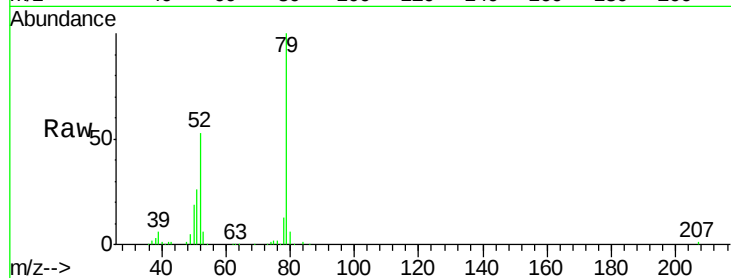
Tot Ion: 79 Resp: 249097

Ion Ratio Lower Upper

79 100

52 52.7 45.3 67.9

51 25.9 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

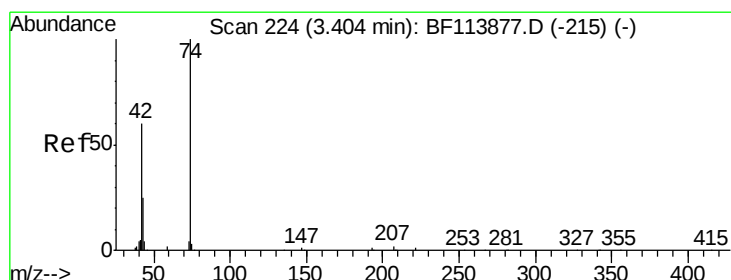
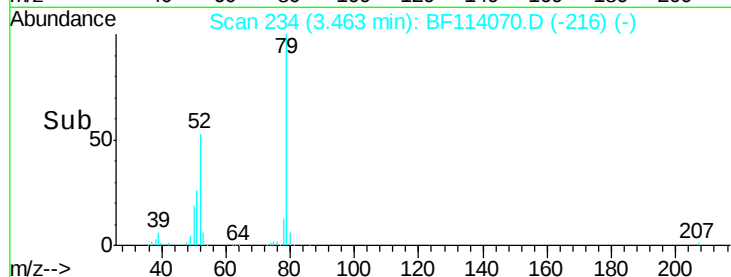
3.46

100000

50000

0

Time-->



#4

n-Nitrosodimethylamine

Concen: 39.855 ng

RT: 3.39 min Scan# 222

Delta R.T. -0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

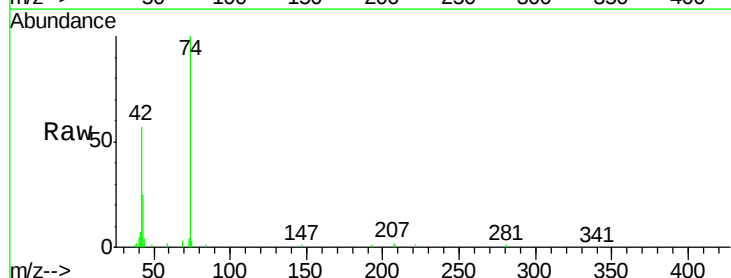
Tgt Ion: 42 Resp: 92940

Ion Ratio Lower Upper

42 100

74 174.4 132.6 198.8

44 6.7 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

120000

100000

80000

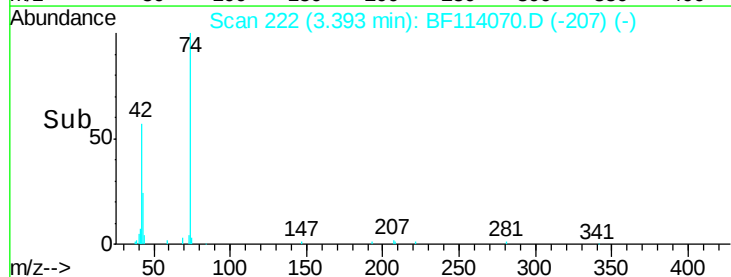
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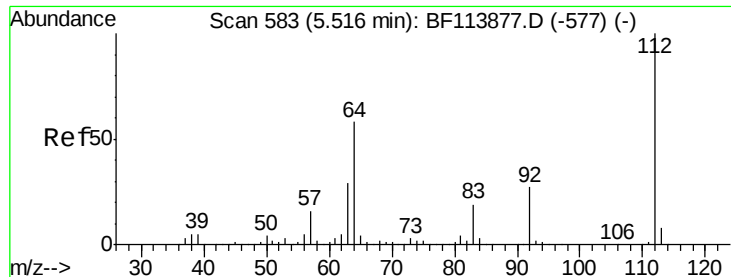
40000

20000

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Time-->





#5

2-Fluorophenol

Concen: 121.565 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Instrument :

BNA_F

ClientSampled :

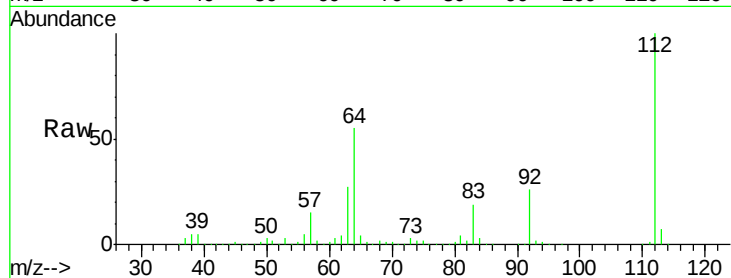
Tot Ion: 112 Resp: 643622

Ion Ratio Lower Upper

112 100

64 54.8 46.6 69.8

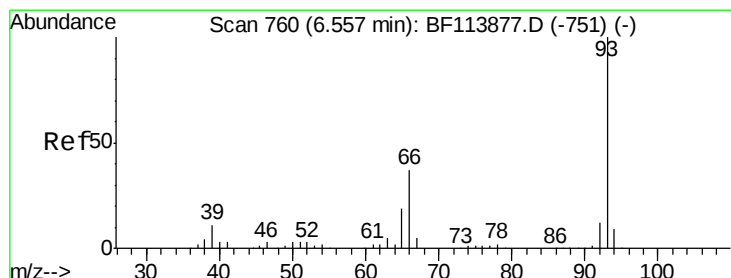
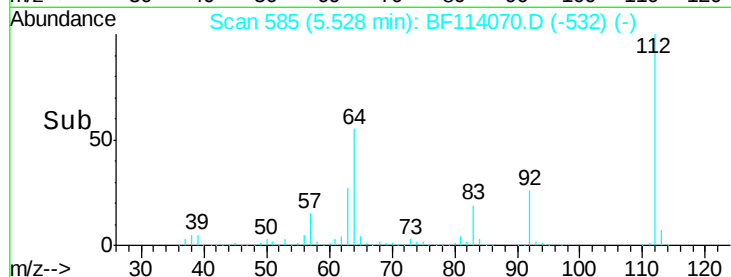
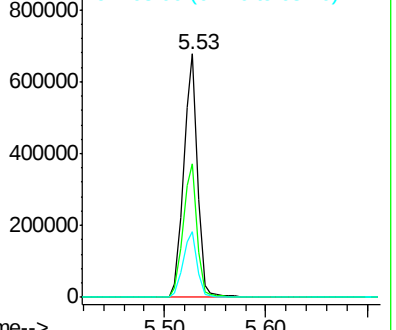
63 27.1 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.816 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

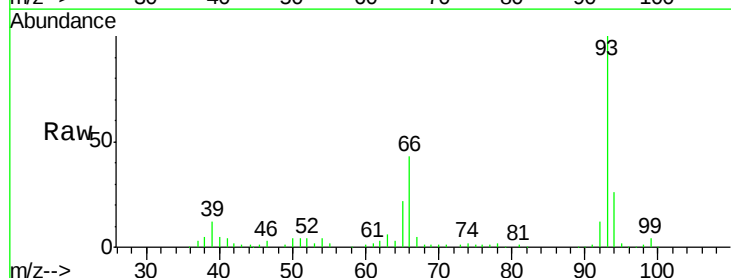
Tgt Ion: 93 Resp: 171628

Ion Ratio Lower Upper

93 100

66 42.5 29.8 44.6

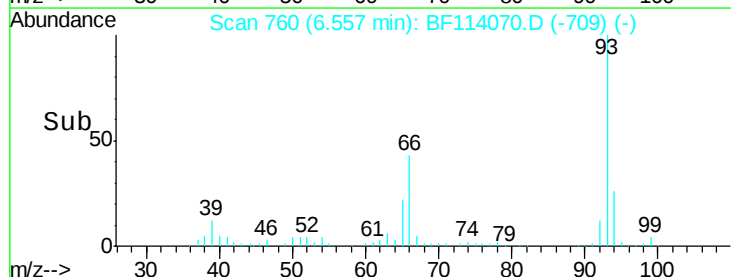
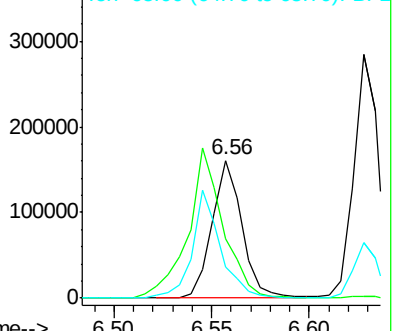
65 22.4 14.9 22.3#

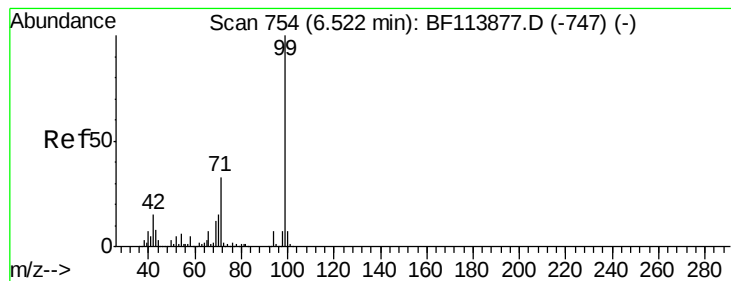


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.337 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Instrument :

BNA_F

ClientSampled :

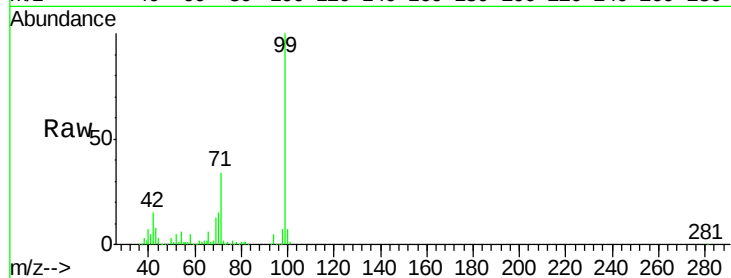
Tot Ion: 99 Resp: 845839

Ion Ratio Lower Upper

99 100

42 15.0 12.5 18.7

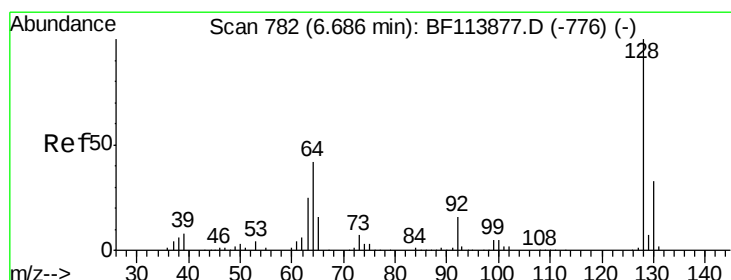
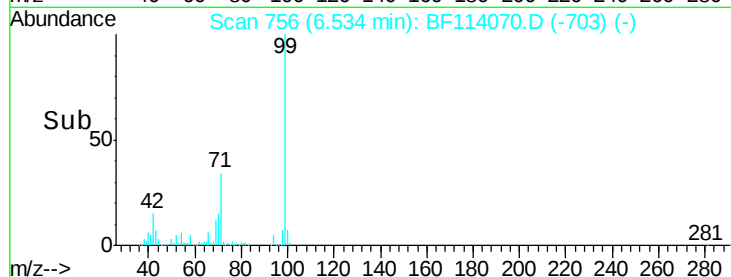
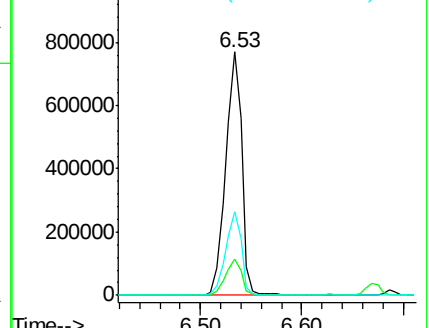
71 34.2 26.9 40.3



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: 40.385 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

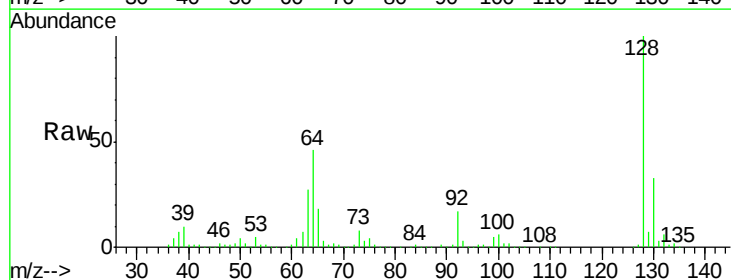
Tgt Ion: 128 Resp: 244115

Ion Ratio Lower Upper

128 100

130 33.1 12.3 52.3

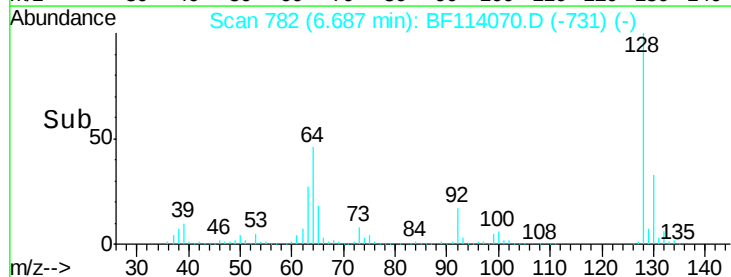
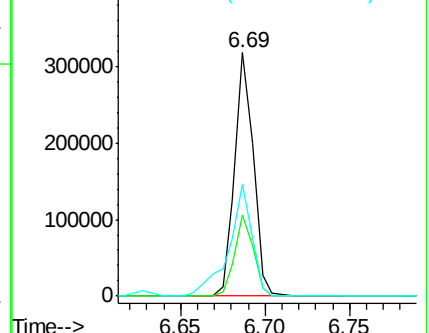
64 46.1 26.1 66.1

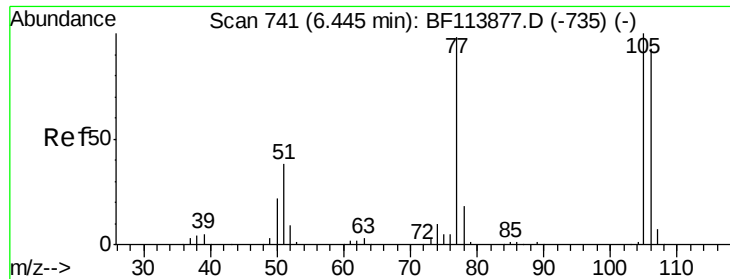


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

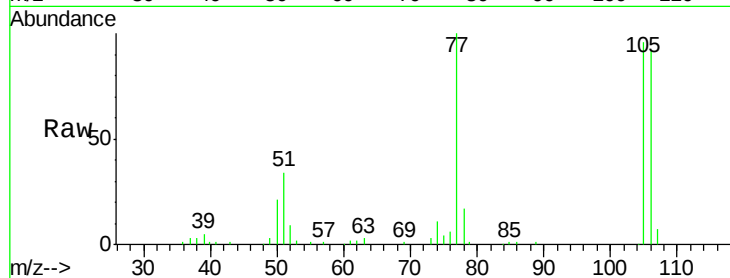




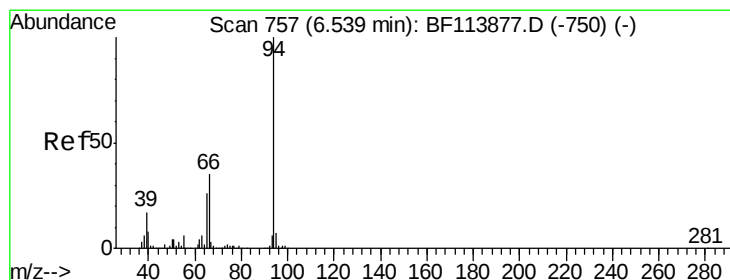
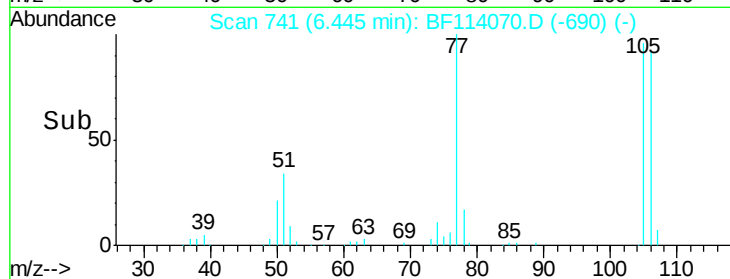
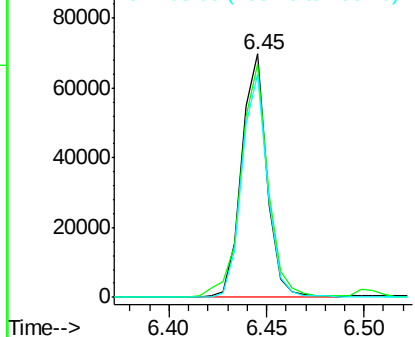
#9
Benzaldehyde
Concen: 12.079 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 62594
Ion Ratio Lower Upper
77 100
105 95.8 74.1 114.1
106 91.6 70.3 110.3

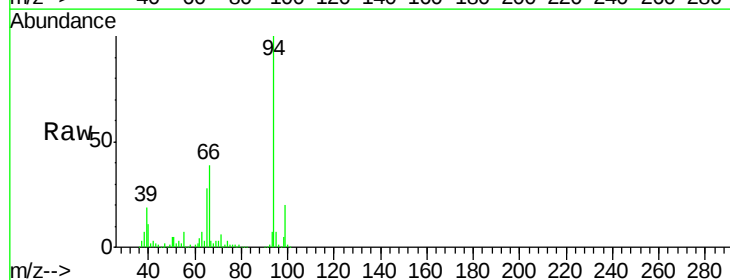


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

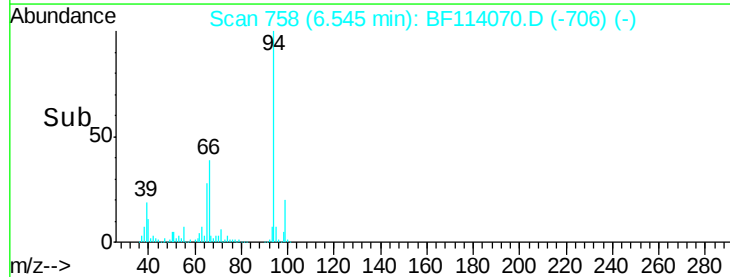
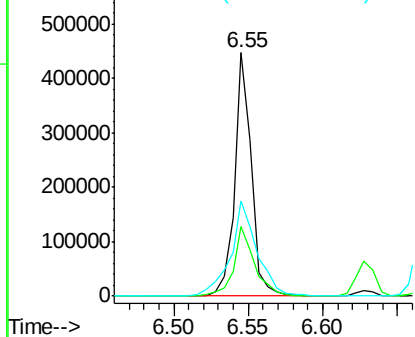


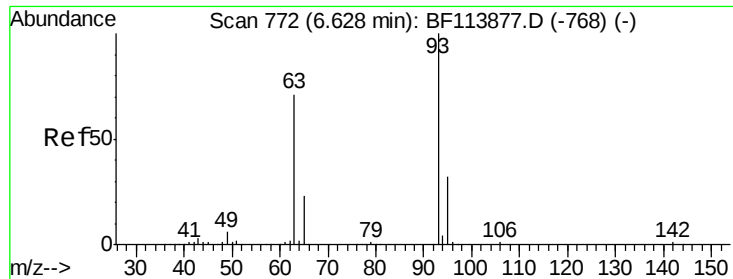
#10
Phenol
Concen: 44.432 ng
RT: 6.55 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Tgt Ion: 94 Resp: 352919
Ion Ratio Lower Upper
94 100
65 28.3 8.1 48.1
66 39.1 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

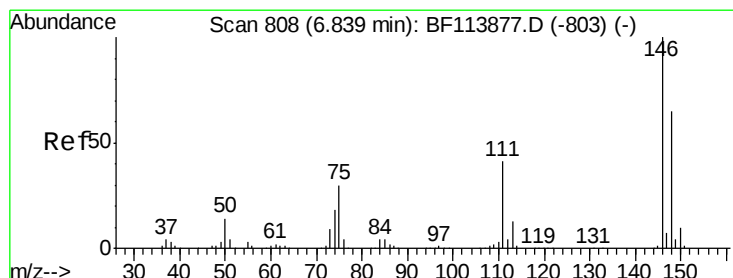
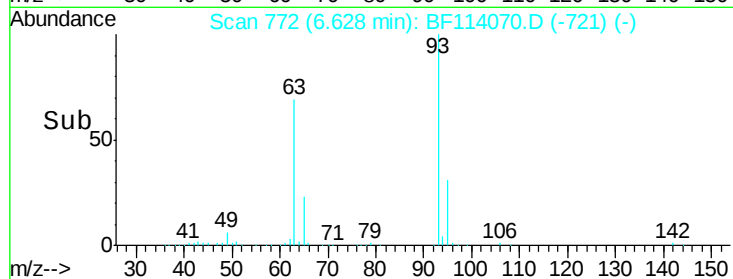
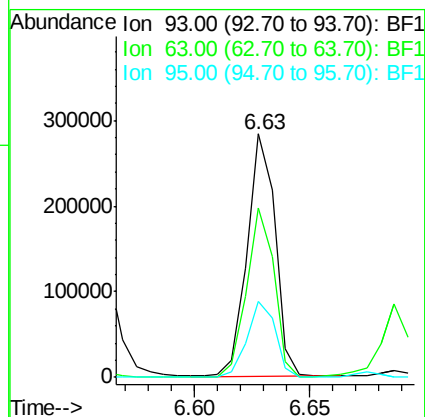
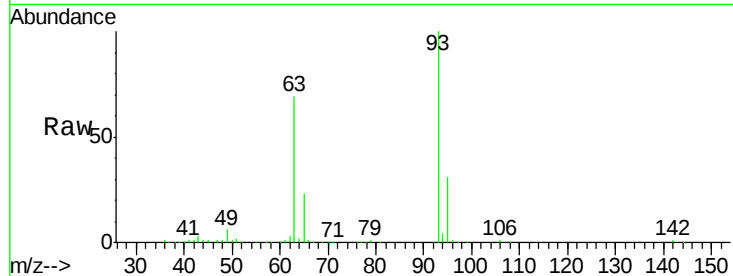




#11
bis(2-Chloroethyl)ether
Concen: 40.321 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

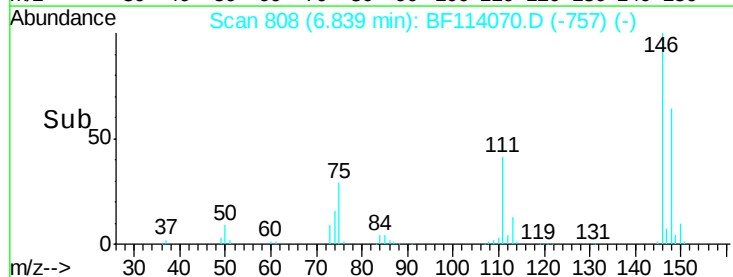
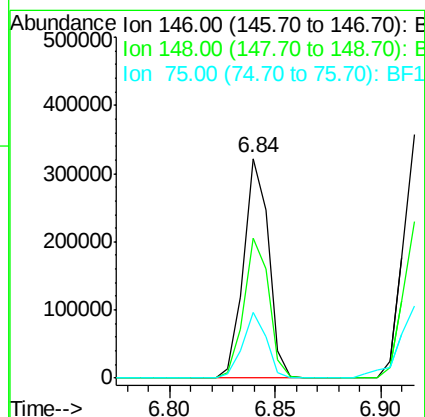
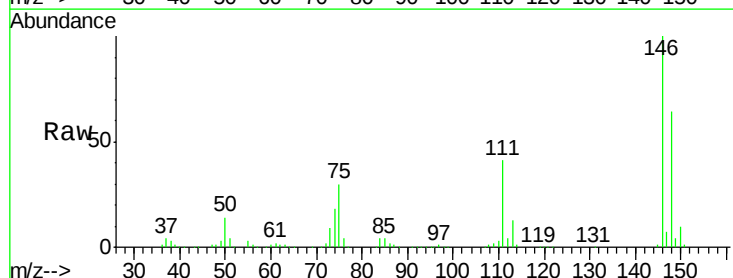
Instrument :
BNA_F
ClientSampleId :

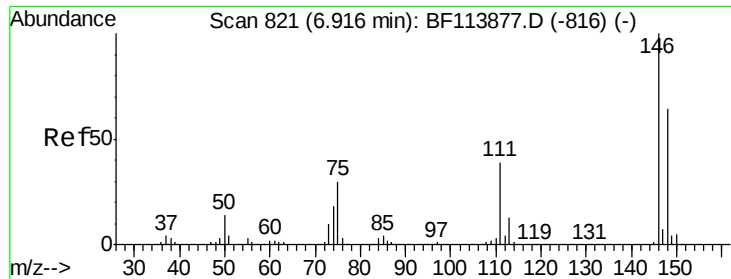
Tot Ion: 93 Resp: 241006
Ion Ratio Lower Upper
93 100
63 69.4 50.7 90.7
95 31.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.440 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Tgt Ion: 146 Resp: 263158
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.6
75 30.1 23.8 35.8

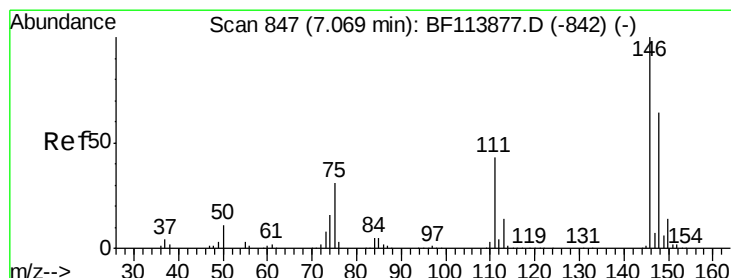
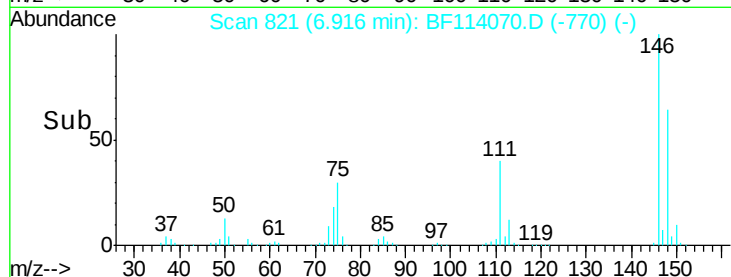
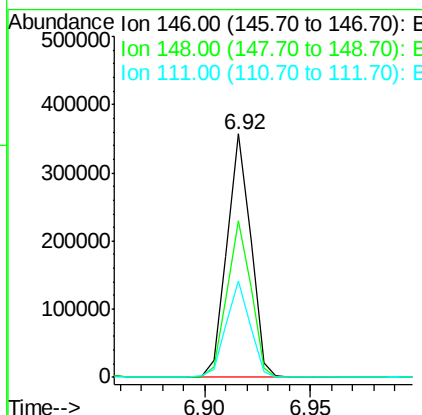
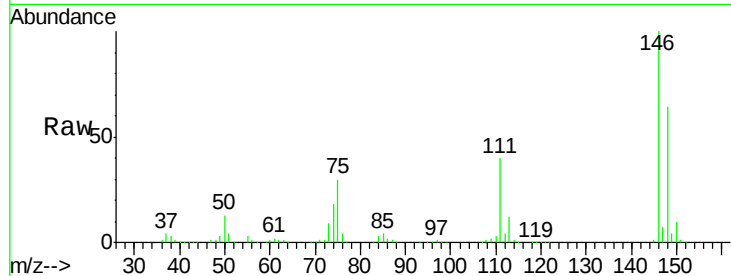




#13
 1,4-Dichlorobenzene
 Concen: 40.360 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF114070.D
 Acq: 1 May 2019 15:40

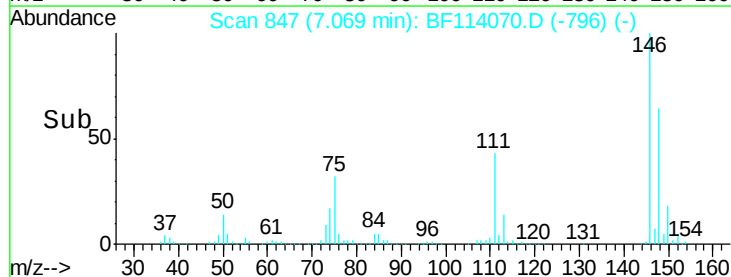
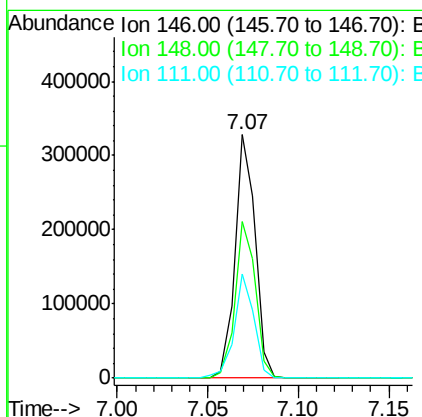
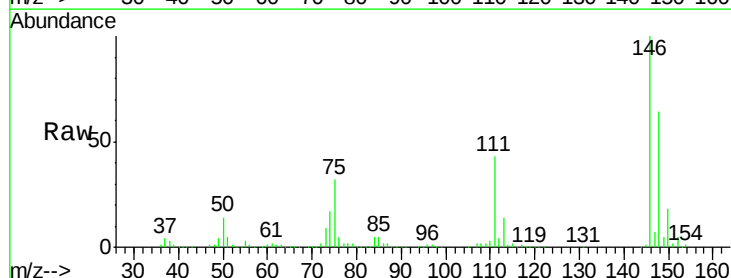
Instrument :
 BNA_F
 ClientSampled :

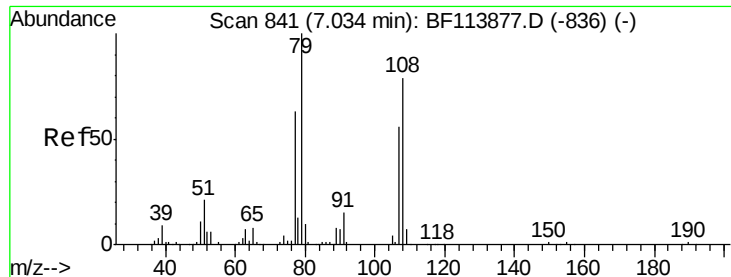
Tot Ion:146 Resp: 277908
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.8
 111 39.6 30.9 46.3



#14
 1,2-Dichlorobenzene
 Concen: 40.208 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF114070.D
 Acq: 1 May 2019 15:40

Tgt Ion:146 Resp: 254444
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.1 78.1
 111 42.6 34.2 51.4





#15

Benzyl Alcohol

Concen: 48.200 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Instrument :

BNA_F

ClientSampled :

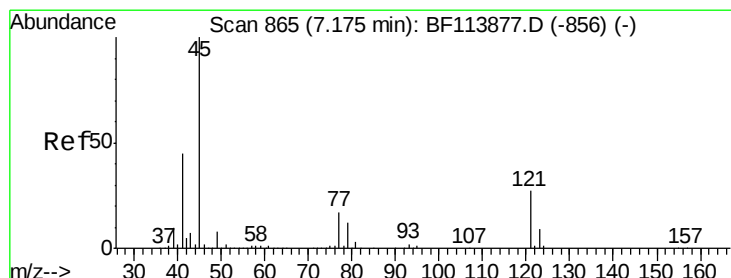
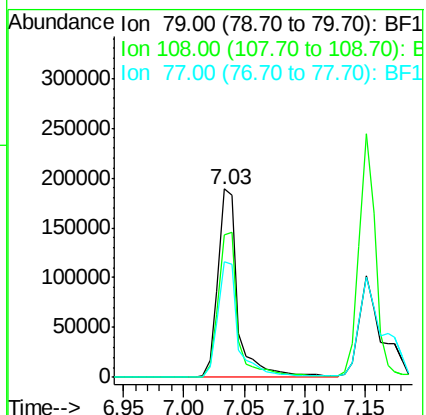
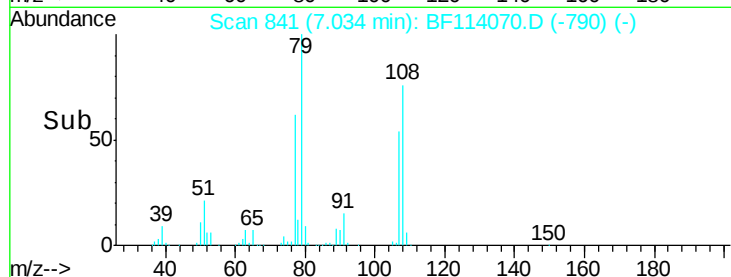
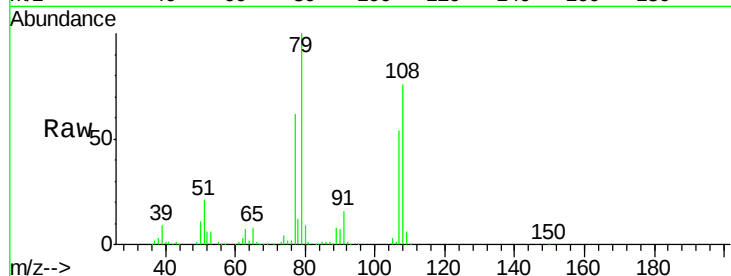
Tot Ion: 79 Resp: 215635

Ion Ratio Lower Upper

79 100

108 76.1 61.4 92.0

77 61.7 51.6 77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.913 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

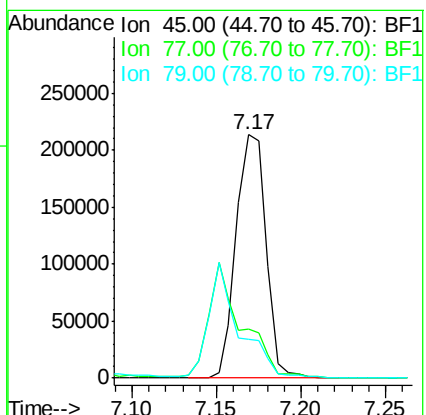
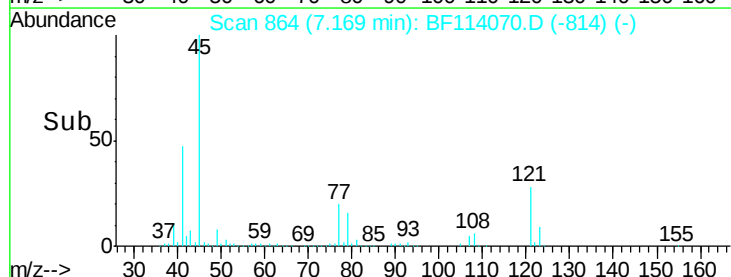
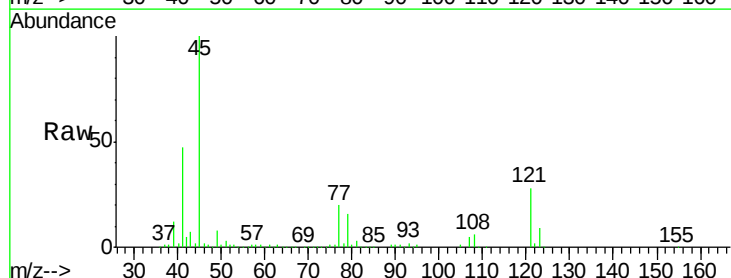
Tgt Ion: 45 Resp: 264536

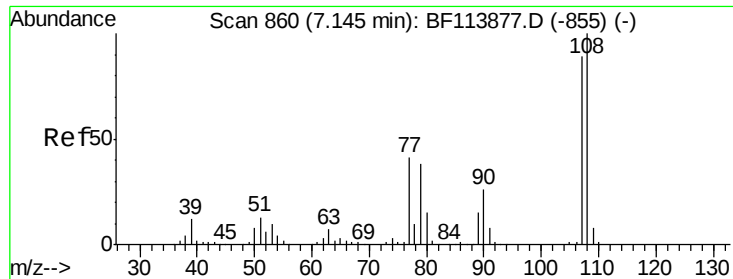
Ion Ratio Lower Upper

45 100

77 20.4 0.0 37.0

79 16.0 0.0 32.7

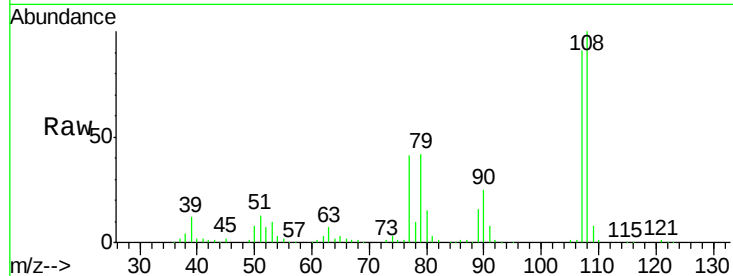




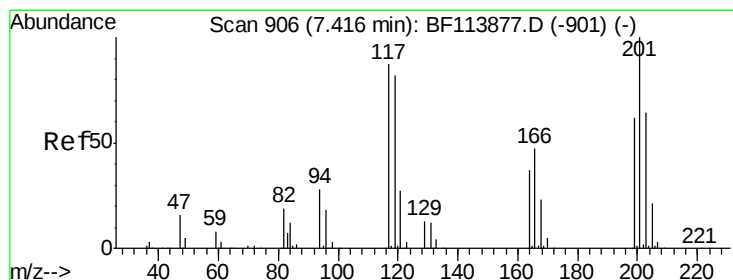
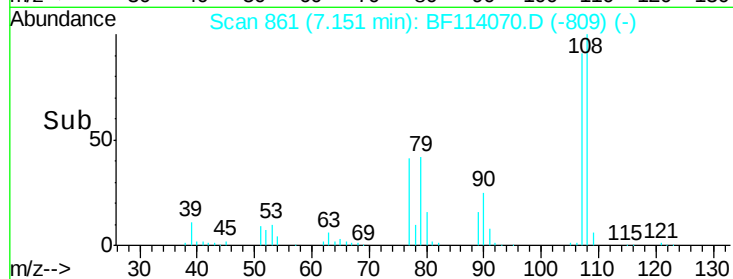
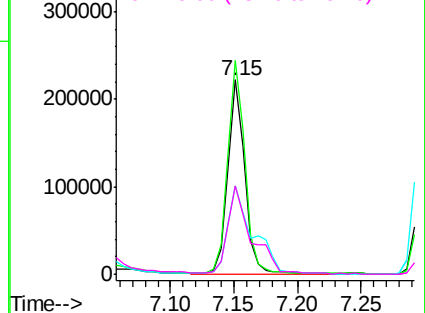
#17
2-Methylphenol
Concen: 38.643 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	204753
Ion	Ratio	Lower	Upper
107	100		
108	110.1	91.5	137.3
77	45.6	36.2	54.4
79	45.8	35.4	53.0

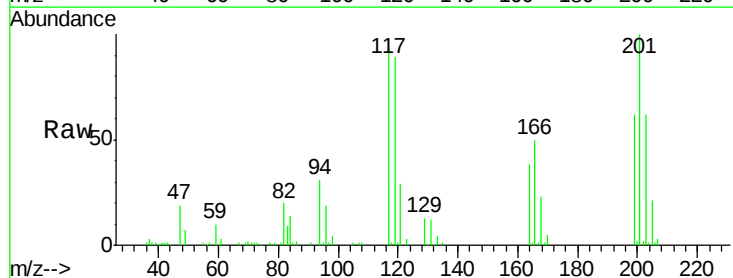


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

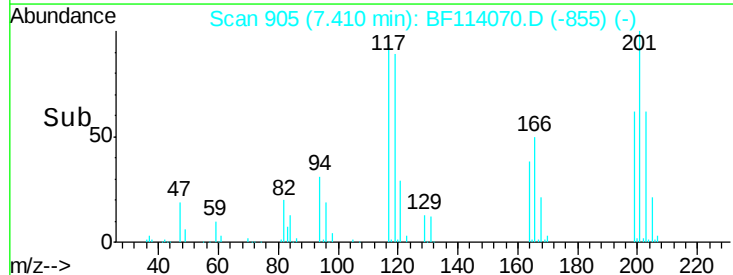
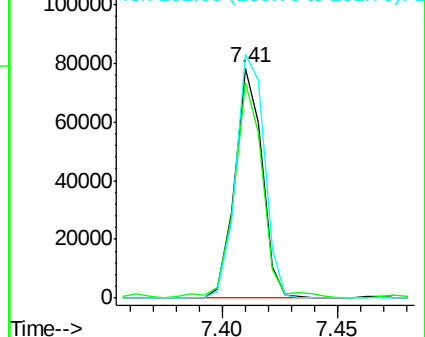


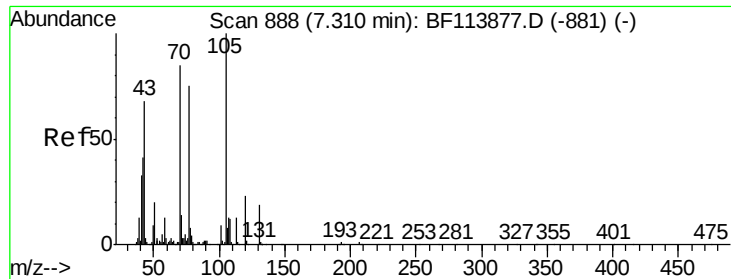
#18
Hexachloroethane
Concen: 26.753 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Tgt Ion:	117	Resp:	64575
Ion	Ratio	Lower	Upper
117	100		
119	93.9	74.4	111.6
201	106.0	90.2	135.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

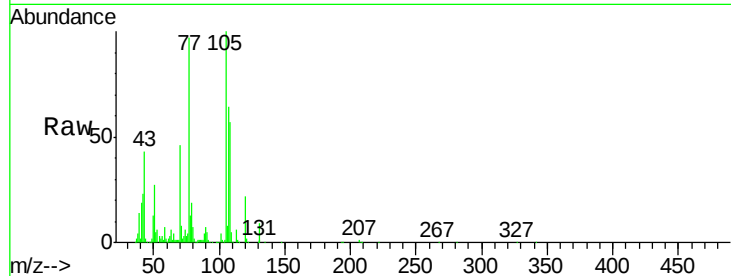




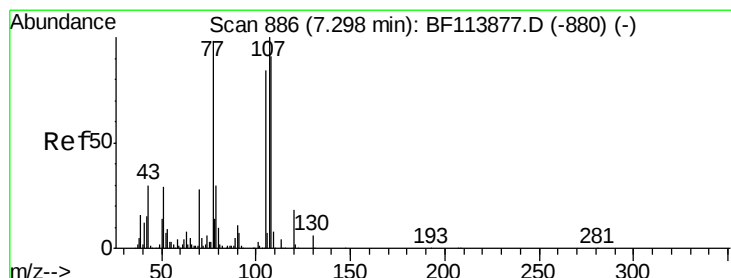
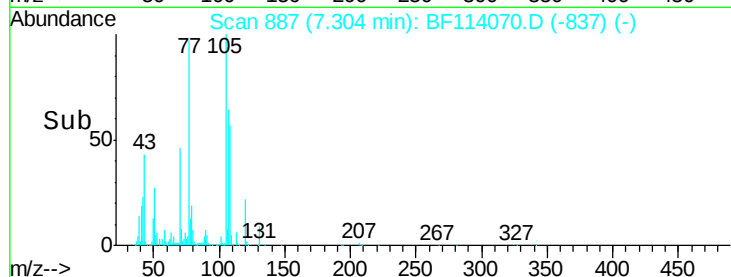
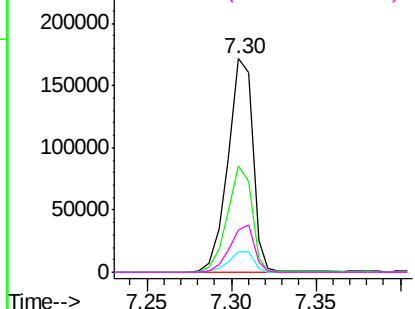
#19
n-Nitroso-di-n-propylamine
Concen: 41.098 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	176789
Ion	Ratio	Lower	Upper
70	100		
42	49.8	37.3	55.9
101	9.5	7.8	11.8
130	20.1	18.2	27.2

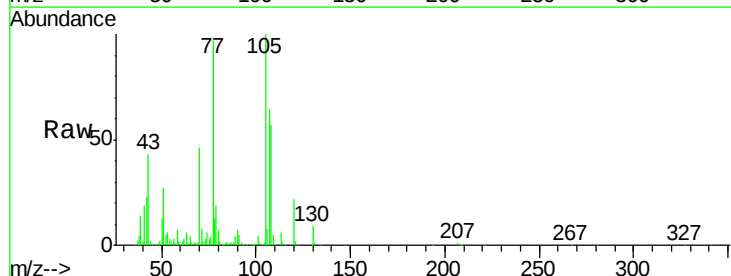


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

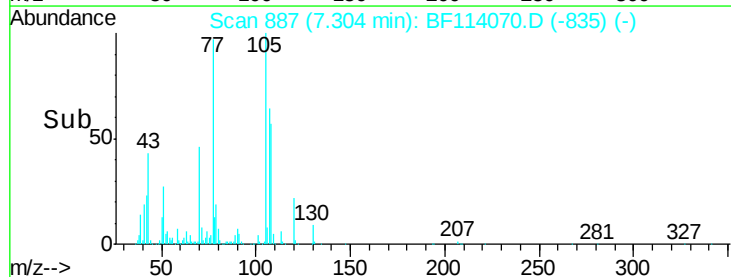
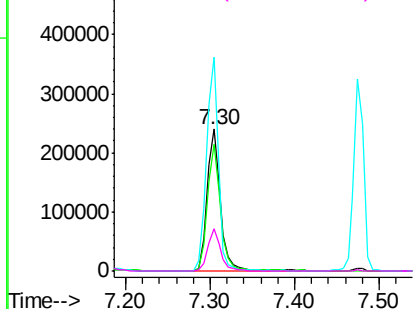


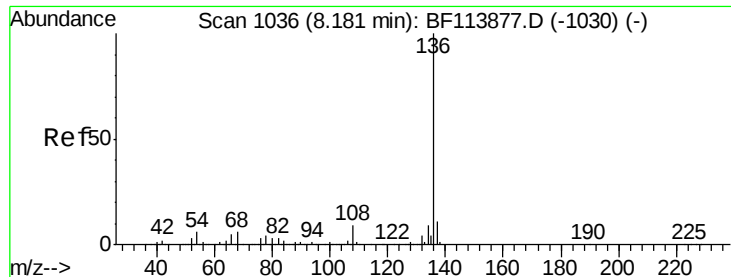
#20
3+4-Methylphenols
Concen: 43.758 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Tgt Ion:	107	Resp:	261953
Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.1	110.1
77	150.9	52.9	92.9#
79	29.7	10.2	50.2



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
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: BF114070.D

Acq: 1 May 2019 15:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 331249

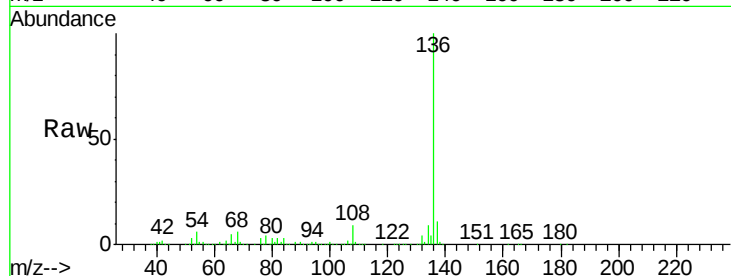
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 6.2 5.0 7.6

68 6.3 4.9 7.3

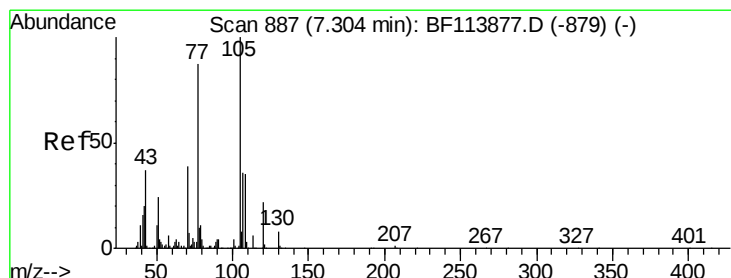
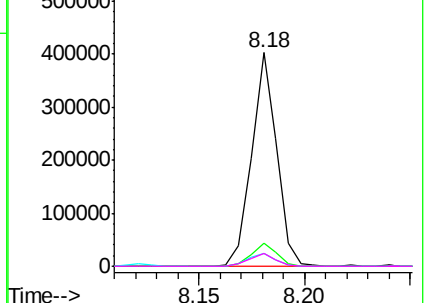
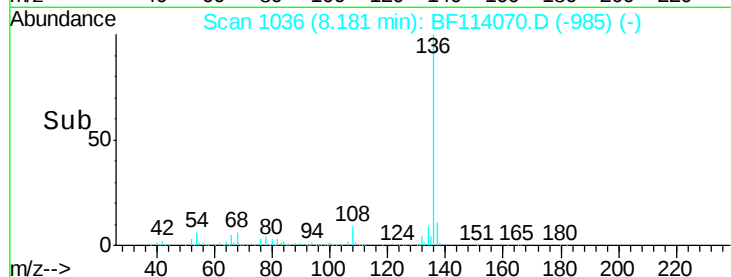


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.539 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Tgt Ion:105 Resp: 350428

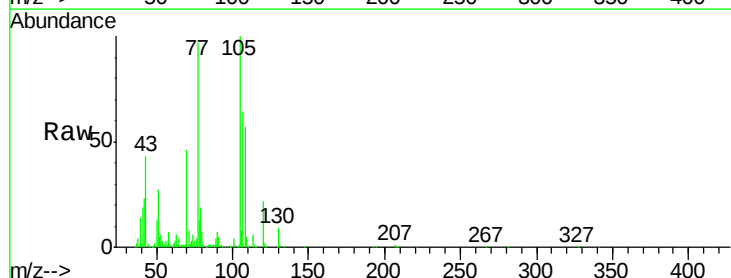
Ion Ratio Lower Upper

105 100

71 7.8 6.1 9.1

51 27.1 16.8 25.2#

120 21.9 17.6 26.4

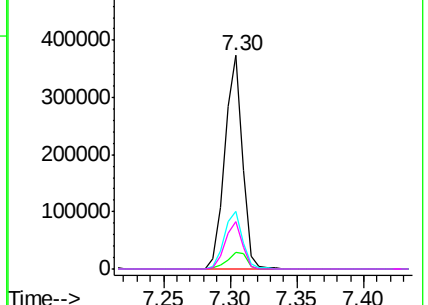
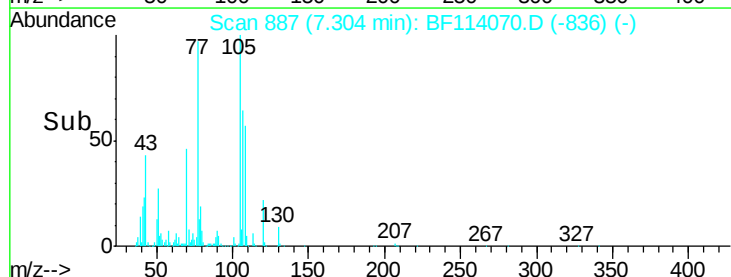


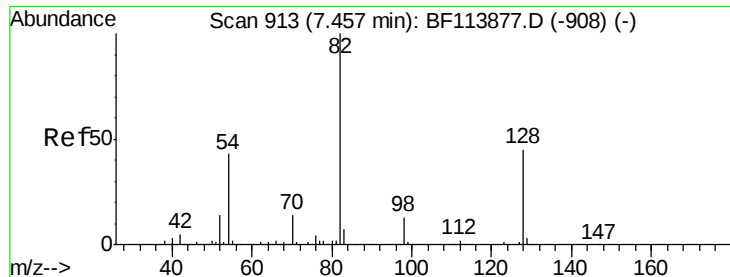
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

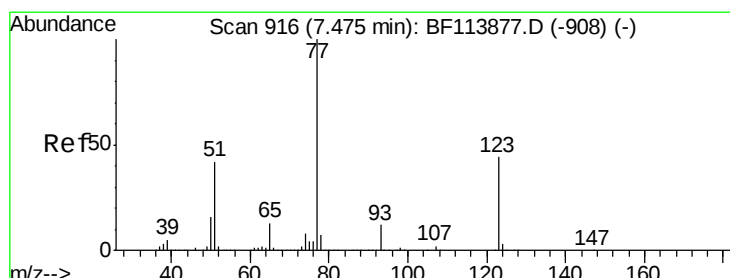
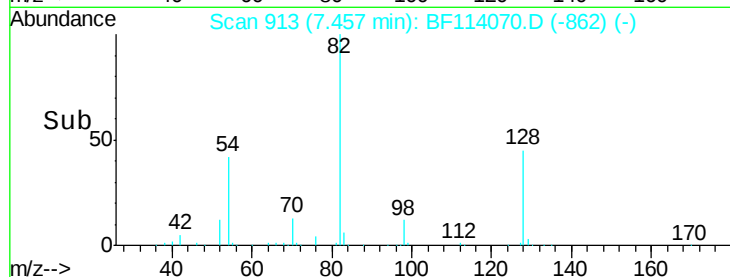
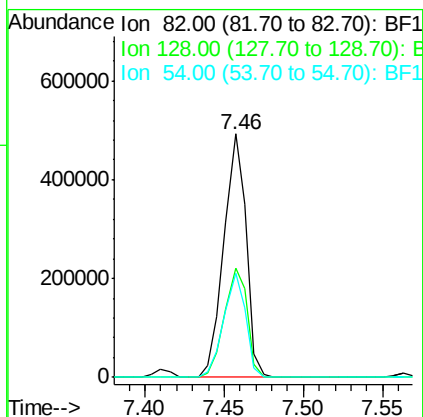
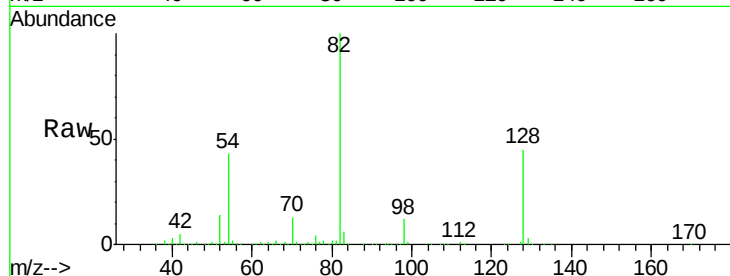




#23
 Nitrobenzene-d5
 Concen: 89.671 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF114070.D
 Acq: 1 May 2019 15:40

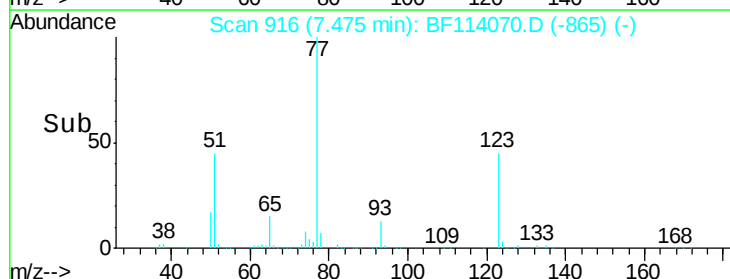
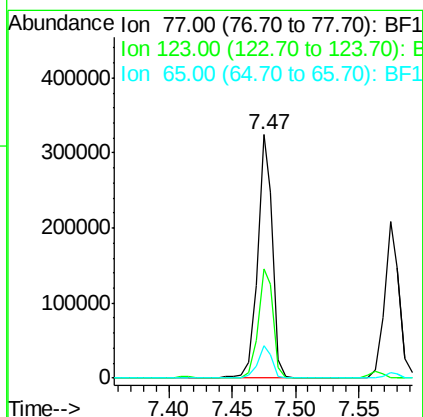
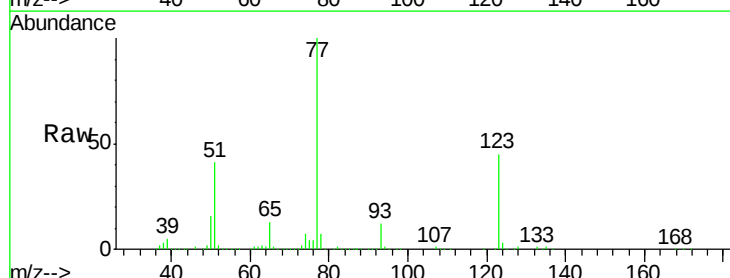
Instrument :
 BNA_F
 ClientSampleId :

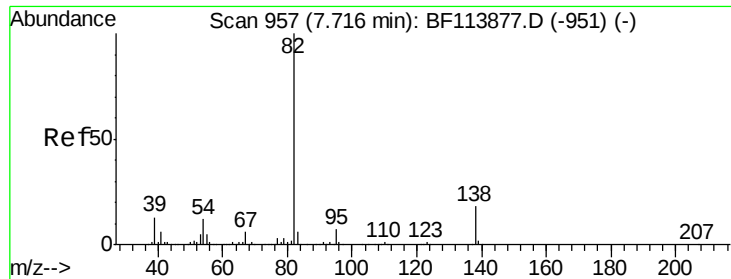
Tot Ion	82	Resp	481077
Ion Ratio	100	Lower	Upper
128	44.8	36.8	55.2
54	42.9	33.8	50.6



#24
 Nitrobenzene
 Concen: 44.786 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF114070.D
 Acq: 1 May 2019 15:40

Tgt Ion	77	Resp	265490
Ion Ratio	100	Lower	Upper
123	44.8	36.3	54.5
65	13.1	10.3	15.5





#25

Isophorone

Concen: 45.284 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Instrument :

BNA_F

ClientSampleId :

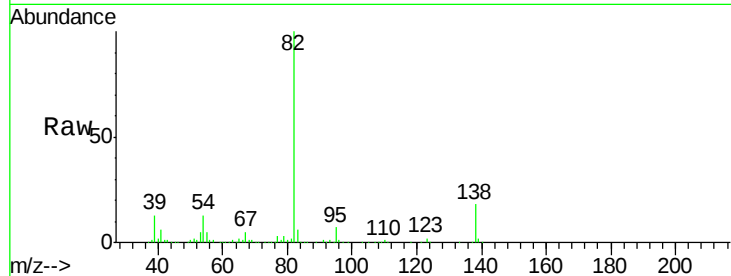
Tot Ion: 82 Resp: 497096

Ion Ratio Lower Upper

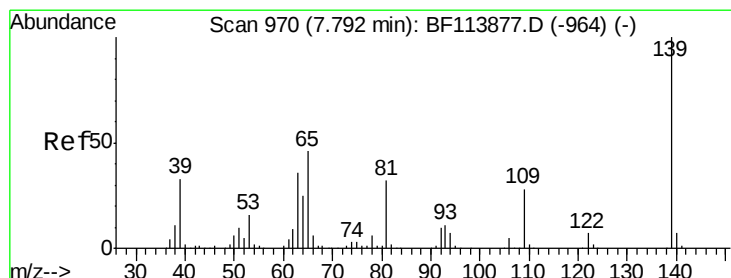
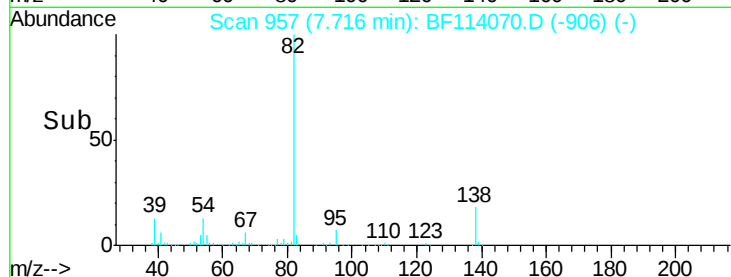
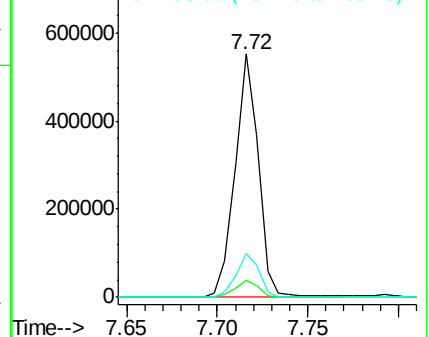
82 100

95 6.8 5.4 8.2

138 17.9 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: 47.189 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

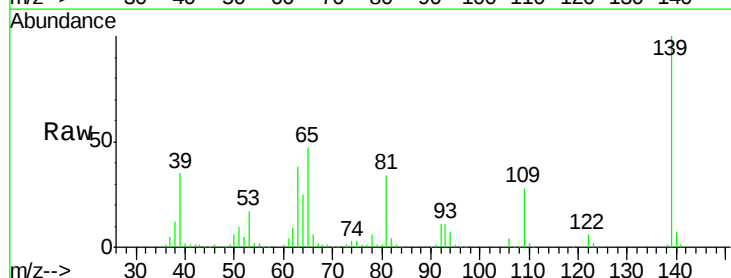
Tgt Ion: 139 Resp: 127617

Ion Ratio Lower Upper

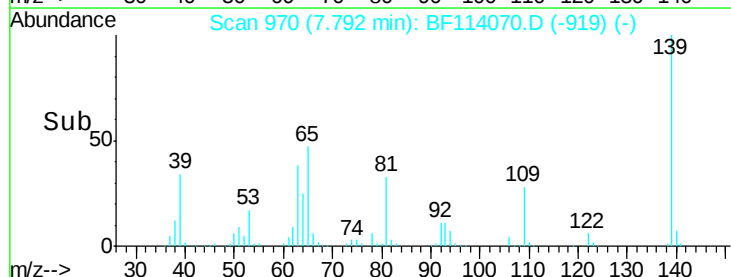
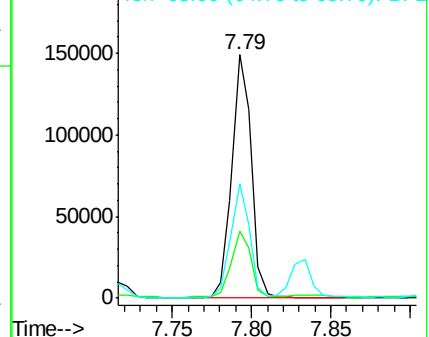
139 100

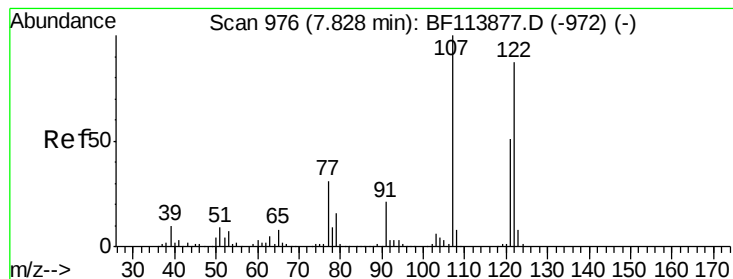
109 27.6 20.6 31.0

65 47.2 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: 52.018 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Instrument :

BNA_F

ClientSampleId :

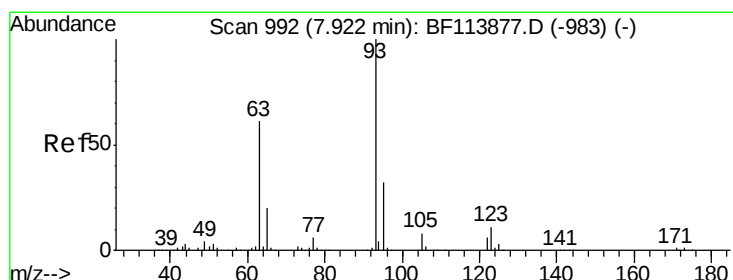
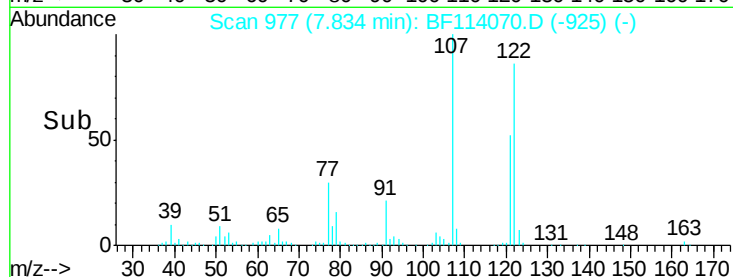
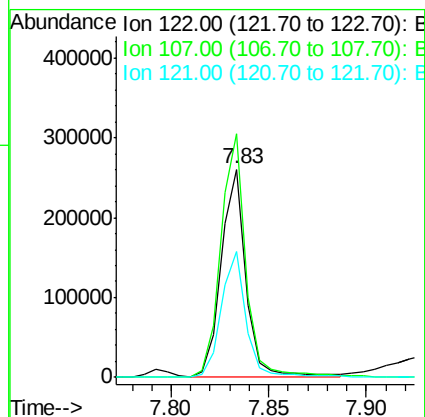
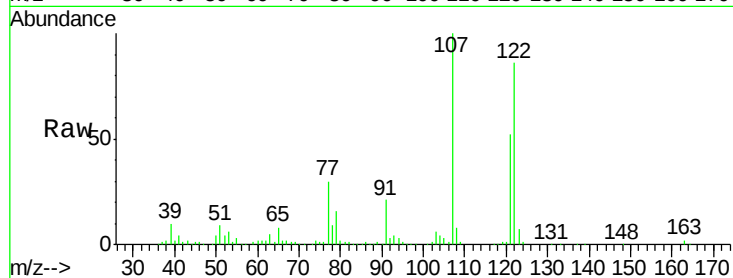
Tot Ion:122 Resp: 229200

Ion Ratio Lower Upper

122 100

107 116.9 91.2 136.8

121 60.6 46.4 69.6



#28

bis(2-Chloroethoxy)methane

Concen: 44.939 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

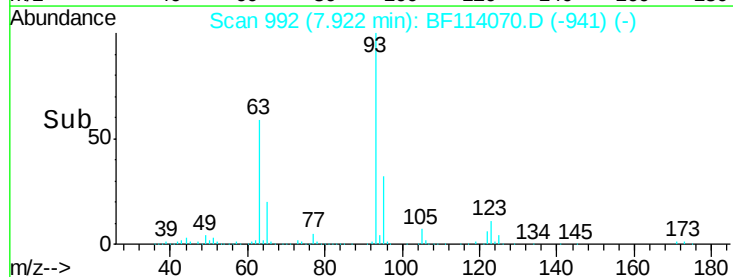
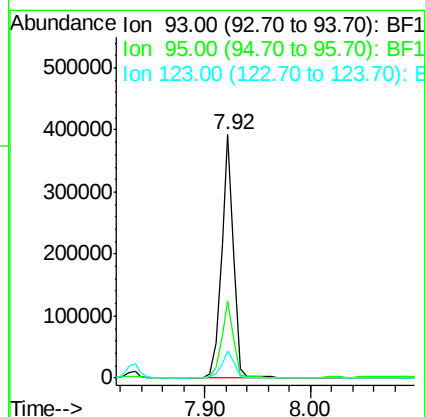
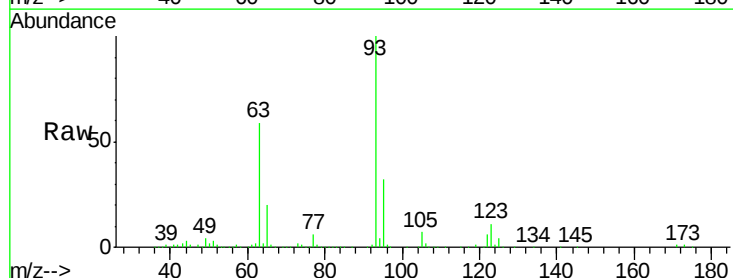
Tgt Ion: 93 Resp: 314351

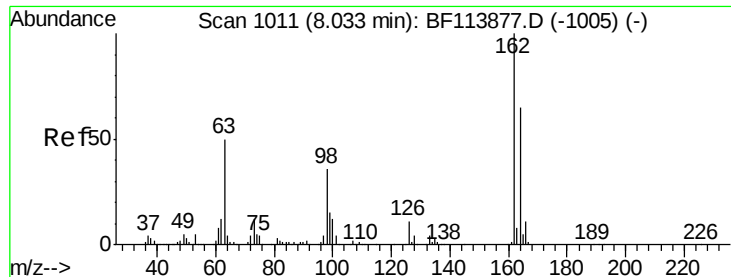
Ion Ratio Lower Upper

93 100

95 31.9 25.8 38.6

123 11.1 9.0 13.6

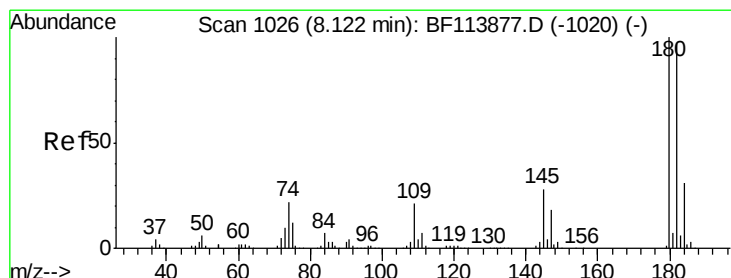
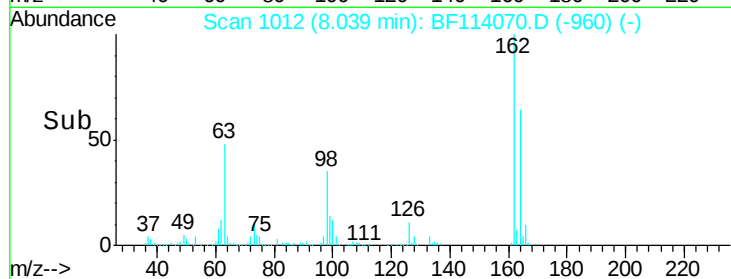
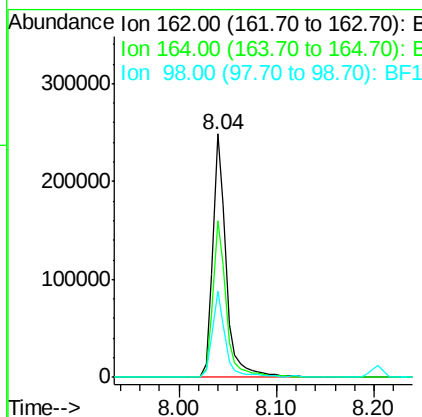
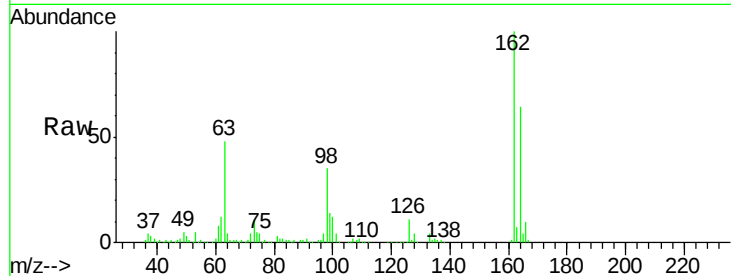




#29
2,4-Dichlorophenol
Concen: 47.359 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

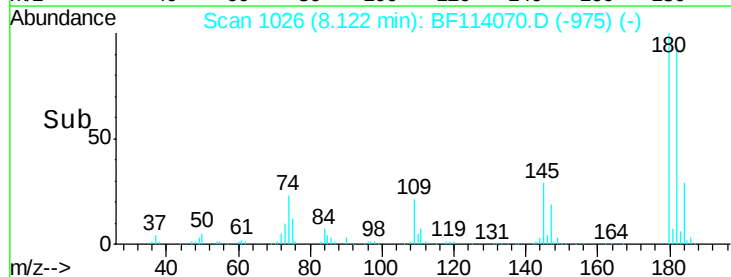
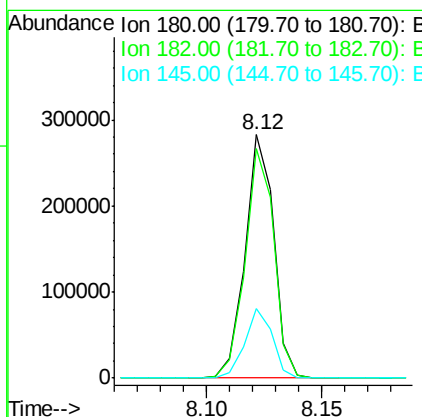
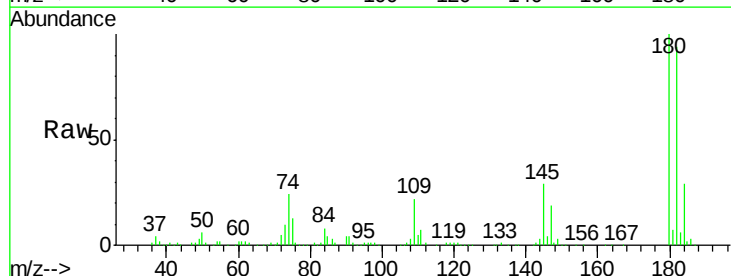
Instrument :
BNA_F
ClientSampleId :

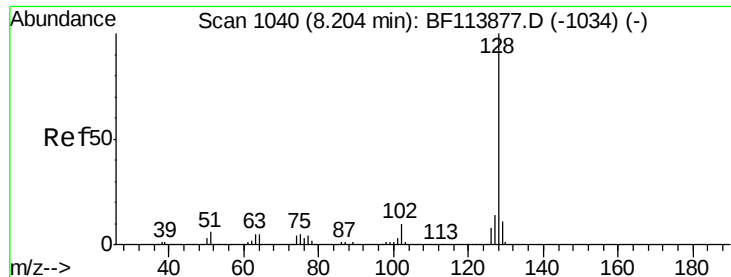
Tot Ion:162 Resp: 238619
Ion Ratio Lower Upper
162 100
164 64.3 43.7 83.7
98 35.4 15.5 55.5



#30
1,2,4-Trichlorobenzene
Concen: 43.733 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Tgt Ion:180 Resp: 245693
Ion Ratio Lower Upper
180 100
182 94.2 75.4 113.0
145 28.7 23.0 34.4

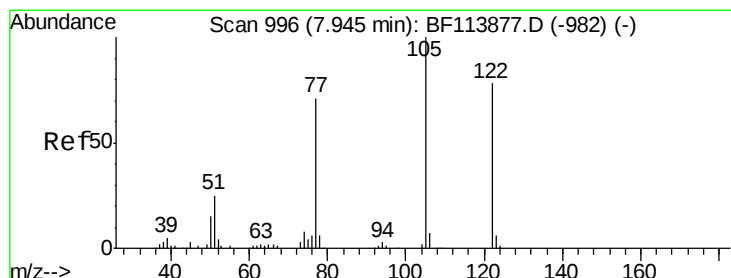
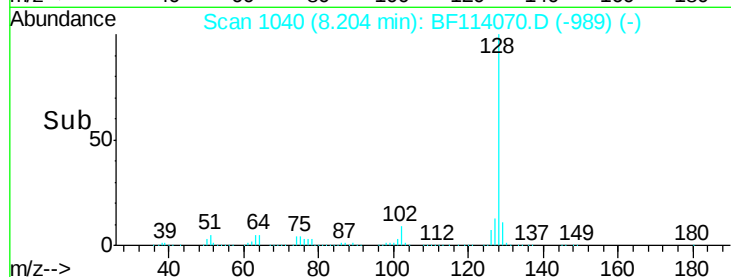
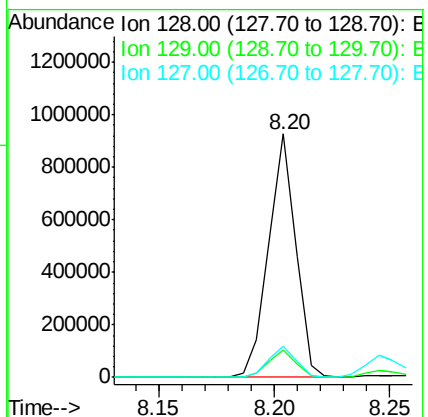
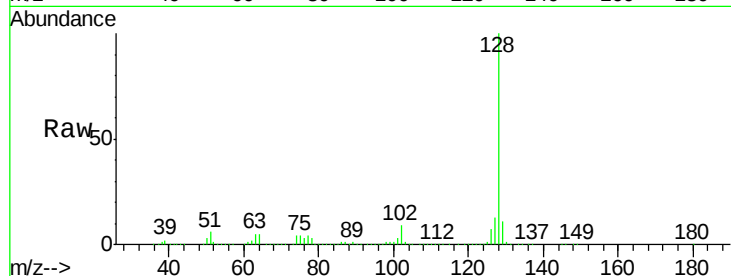




#31
Naphthalene
Concen: 48.432 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

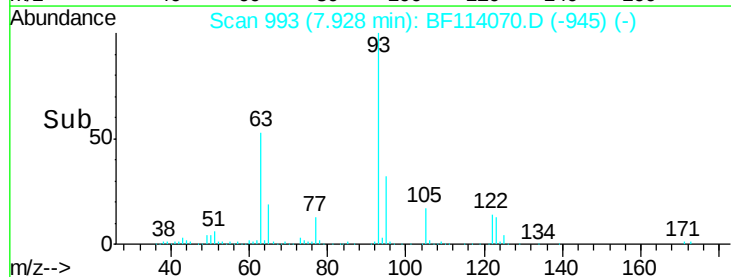
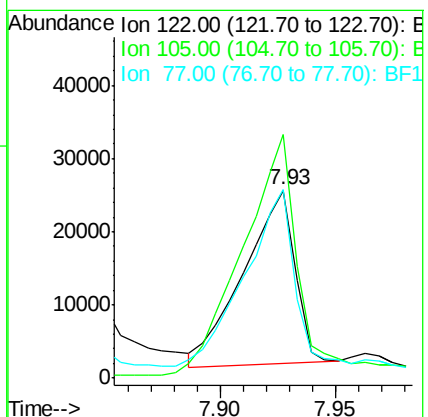
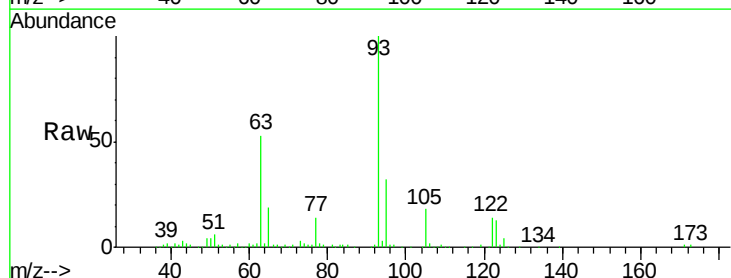
Instrument :
BNA_F
ClientSampleId :

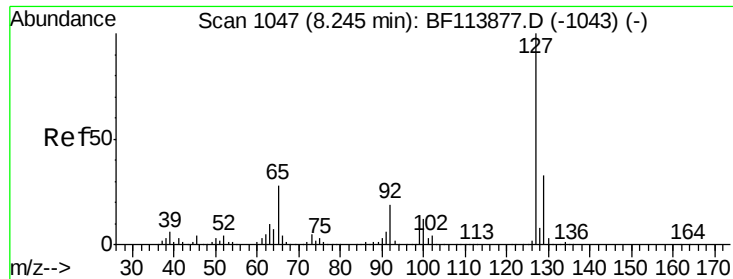
Tot Ion:128 Resp: 762138
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.0 10.8 16.2



#32
Benzoic acid
Concen: 12.427 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Tgt Ion:122 Resp: 36977
Ion Ratio Lower Upper
122 100
105 129.5 104.3 144.3
77 100.3 70.4 110.4

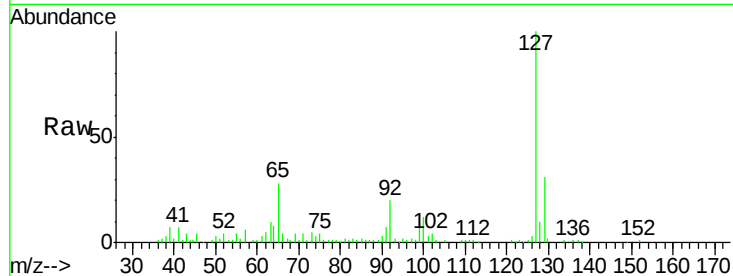




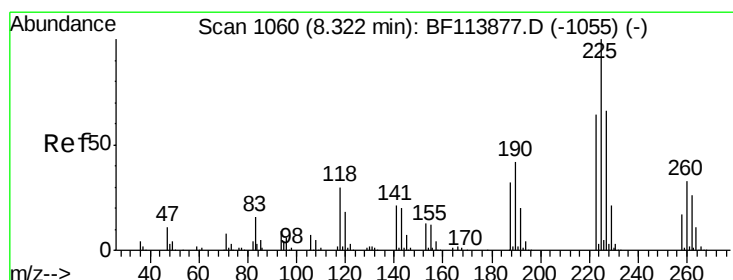
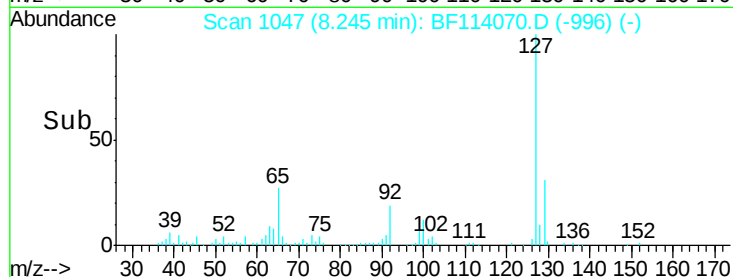
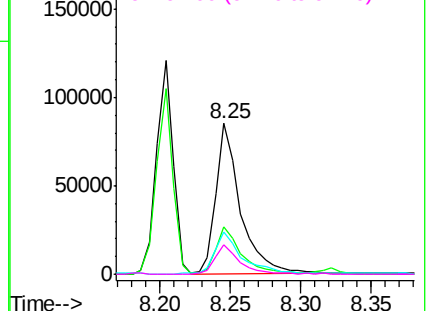
#33
4-Chloroaniline
Concen: 15.382 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	102420
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.4	39.6
65	28.0	24.9	37.3
92	19.7	15.9	23.9

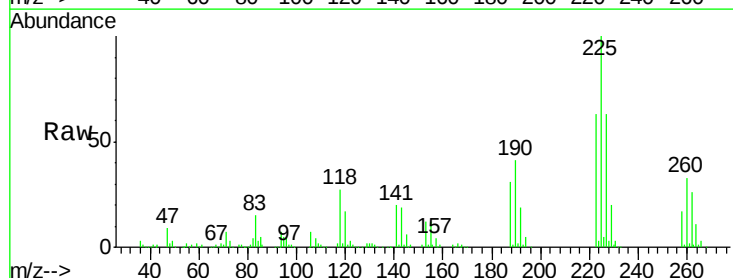


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

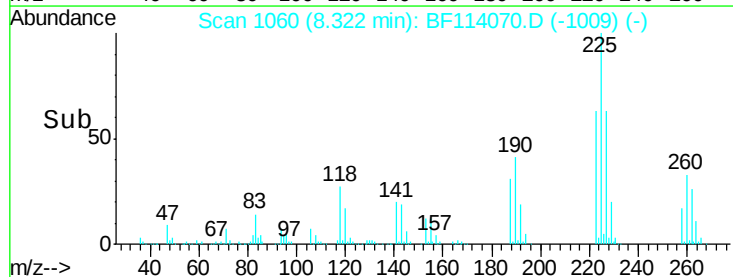
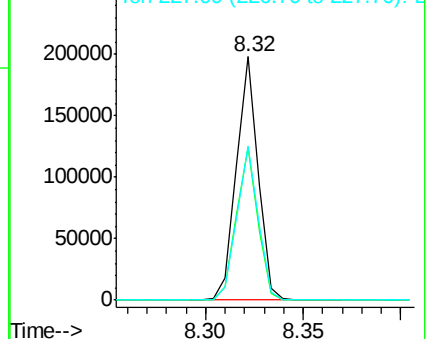


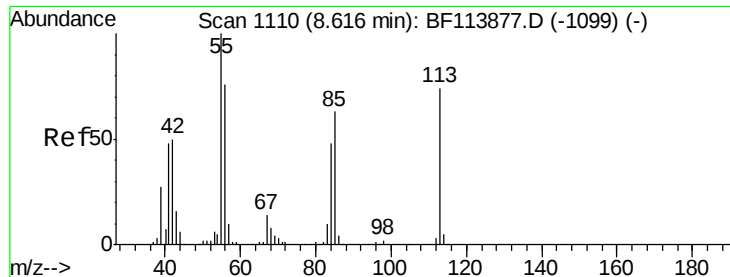
#34
Hexachlorobutadiene
Concen: 43.469 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Tgt Ion:	225	Resp:	152238
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.1	76.7
227	63.3	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

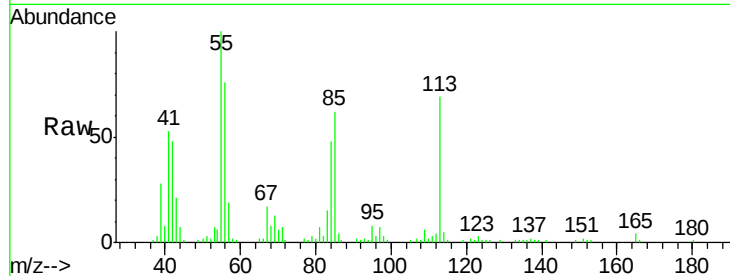




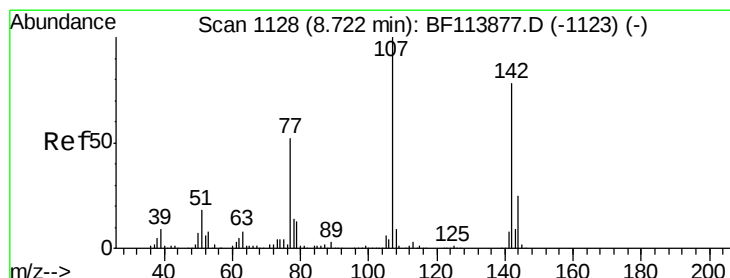
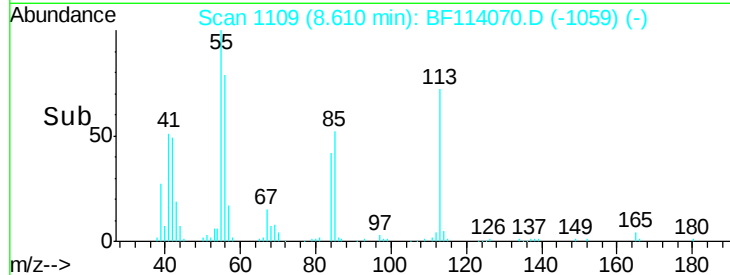
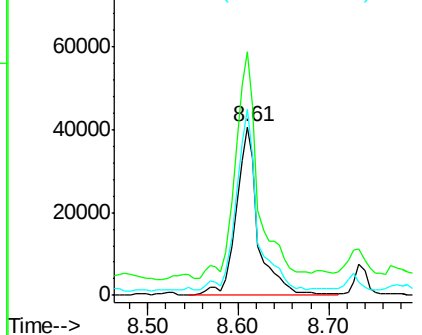
#35
 Caprolactam
 Concen: 43.433 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF114070.D
 Acq: 1 May 2019 15:40

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 69615
 Ion Ratio Lower Upper
 113 100
 55 144.7 128.6 168.6
 56 110.4 91.9 131.9

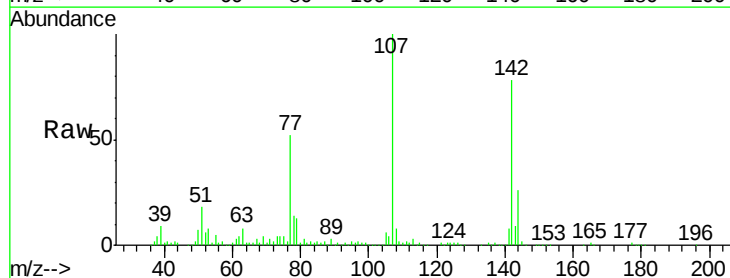


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

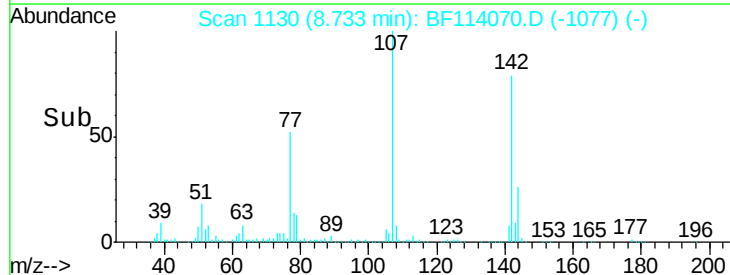
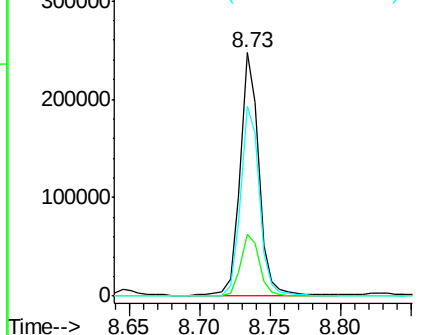


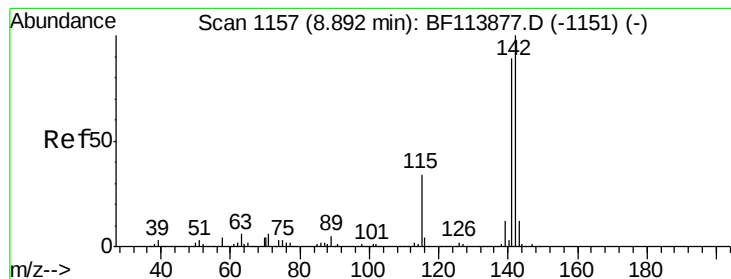
#36
 4-Chloro-3-methylphenol
 Concen: 45.346 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. 0.01 min
 Lab File: BF114070.D
 Acq: 1 May 2019 15:40

Tgt Ion:107 Resp: 226358
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 78.2 64.2 96.4



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





#37

2-Methylnaphthalene

Concen: 47.117 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Instrument :

BNA_F

ClientSampleId :

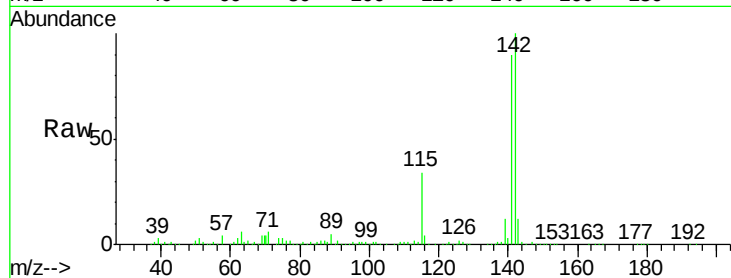
Tot Ion:142 Resp: 499986

Ion Ratio Lower Upper

142 100

141 89.7 70.4 105.6

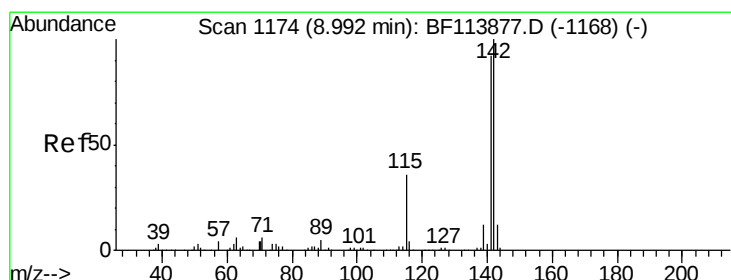
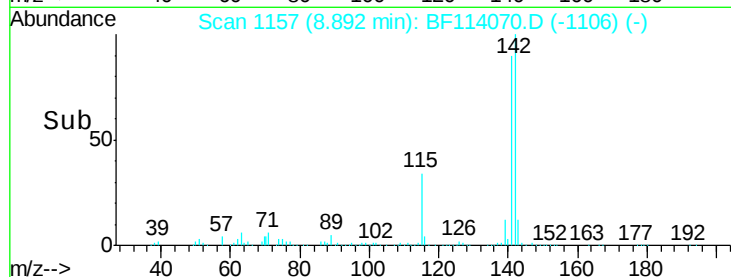
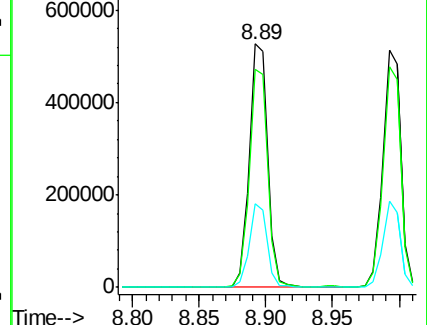
115 34.3 26.3 39.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.072 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

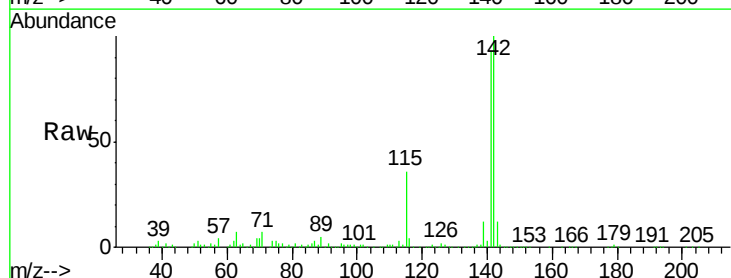
Tgt Ion:142 Resp: 471870

Ion Ratio Lower Upper

142 100

141 93.4 72.3 108.5

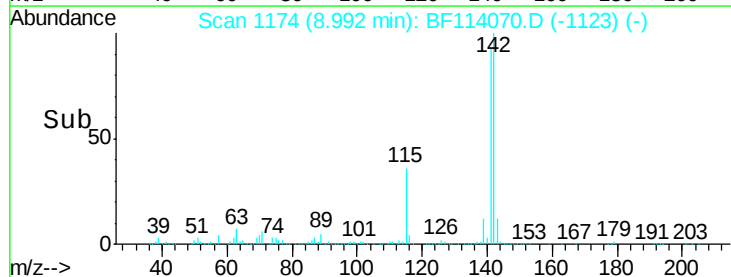
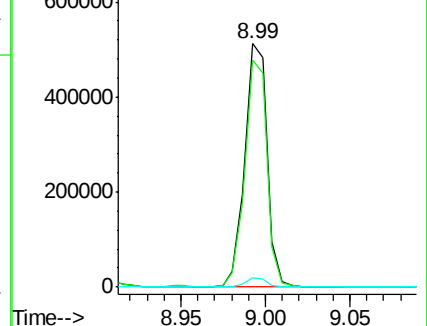
116 3.8 3.0 4.4

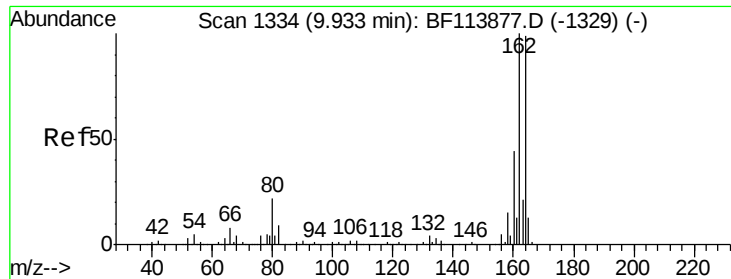


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

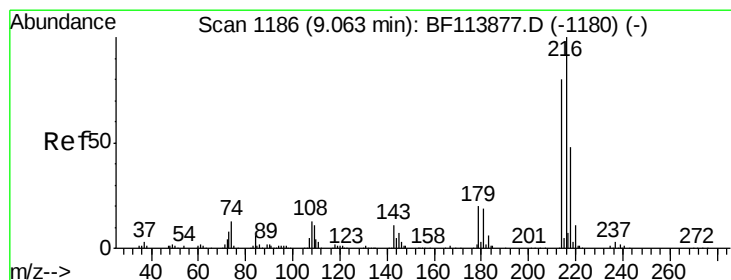
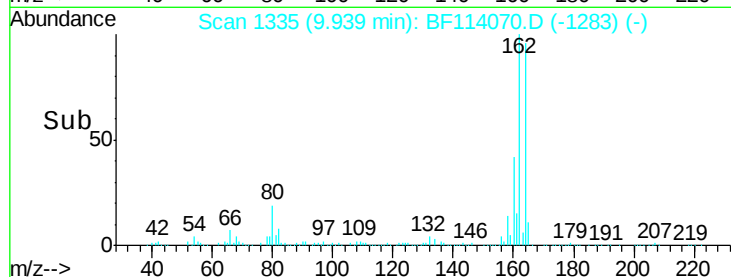
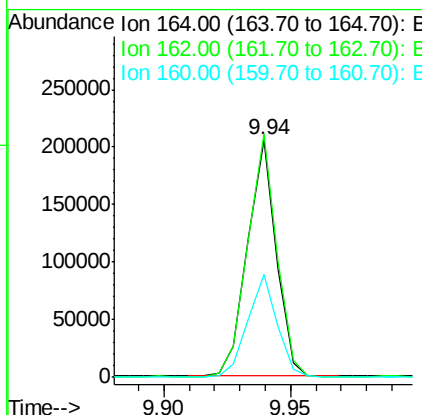
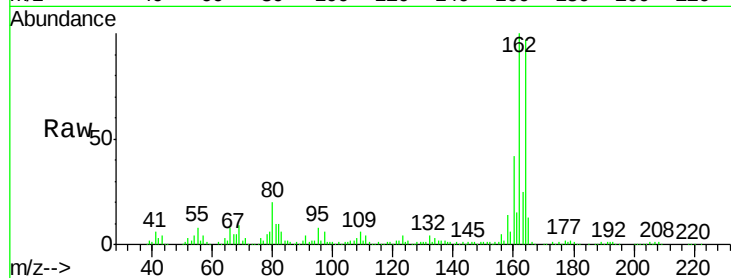




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF114070.D
 Acq: 1 May 2019 15:40

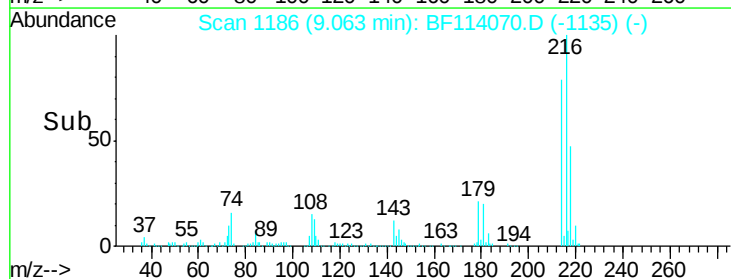
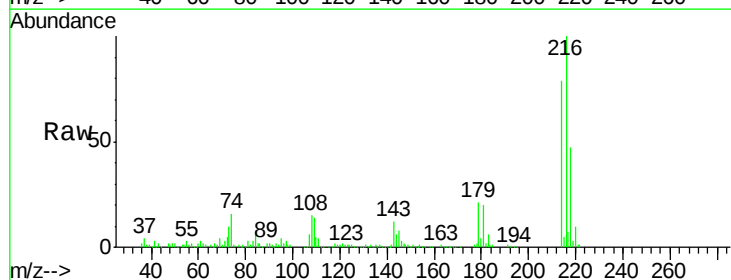
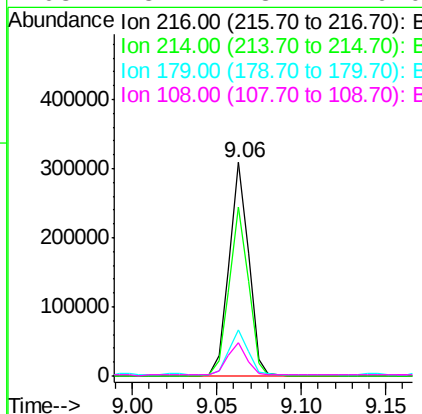
Instrument :
 BNA_F
 ClientSampled :

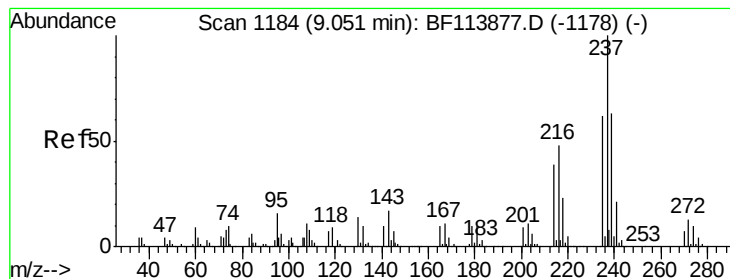
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.1	121.7
160	43.3	35.8	53.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.774 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF114070.D
 Acq: 1 May 2019 15:40

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.5	95.3
179	21.5	16.1	24.1
108	15.2	13.4	20.0





#41

Hexachlorocyclopentadiene

Concen: 2.936 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Instrument :

BNA_F

ClientSampleId :

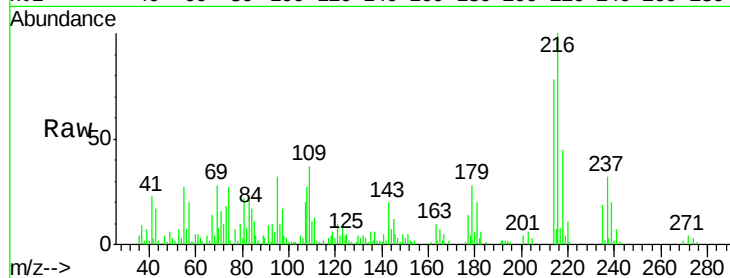
Tot Ion:237 Resp: 8653

Ion Ratio Lower Upper

237 100

235 59.5 42.6 82.6

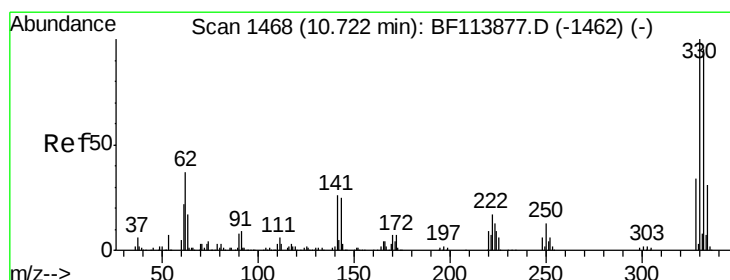
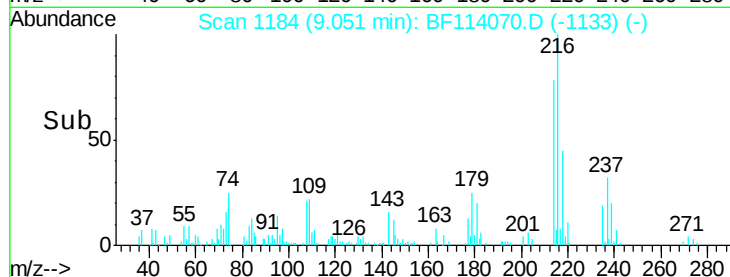
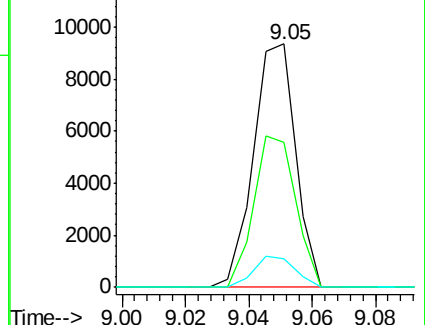
272 11.7 0.0 33.8



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: 125.789 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

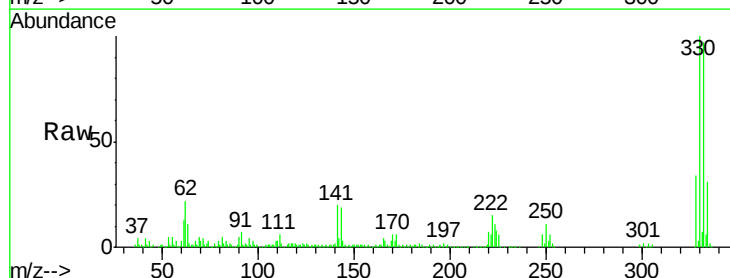
Tgt Ion:330 Resp: 249280

Ion Ratio Lower Upper

330 100

332 96.3 77.5 116.3

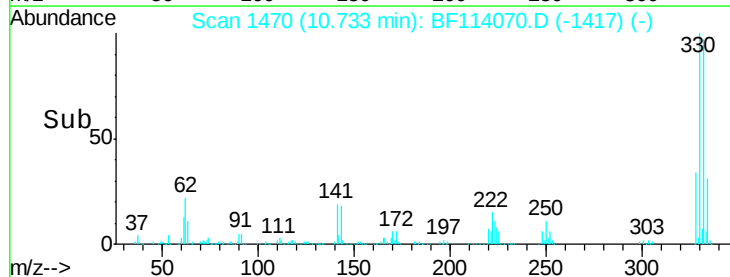
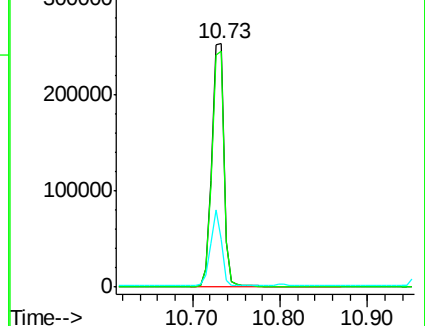
141 27.7 22.2 33.2

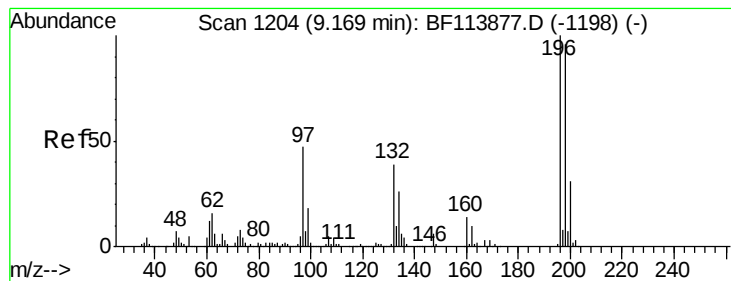


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 50.773 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Instrument :

BNA_F

ClientSampled :

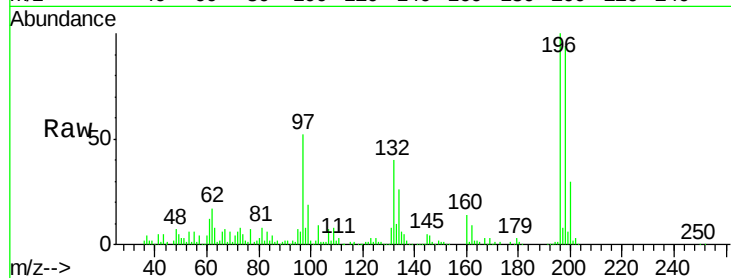
Tot Ion:196 Resp: 170369

Ion Ratio Lower Upper

196 100

198 93.9 75.6 113.4

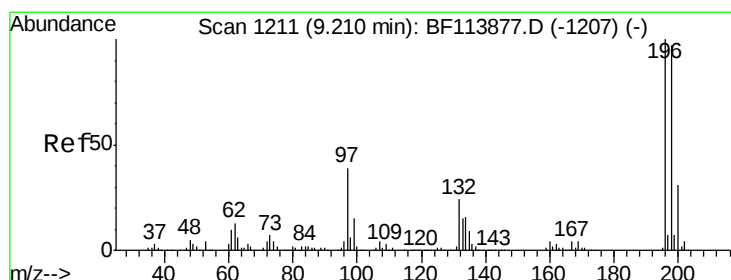
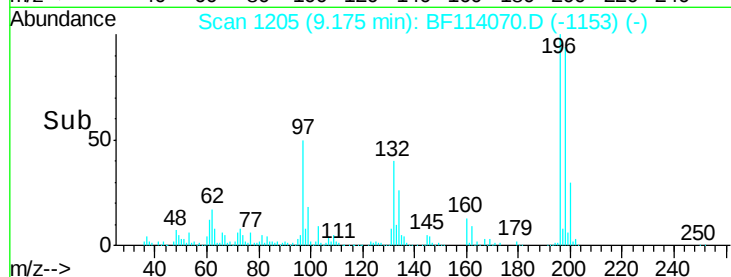
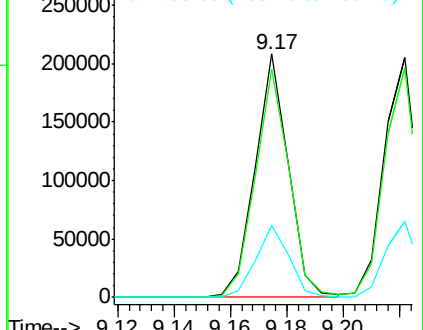
200 29.7 24.7 37.1



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 48.854 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Tgt Ion:196 Resp: 183871

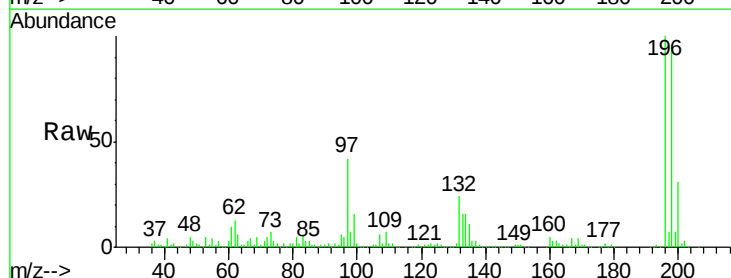
Ion Ratio Lower Upper

196 100

198 96.0 76.2 114.4

97 42.5 35.8 53.8

132 24.1 20.9 31.3

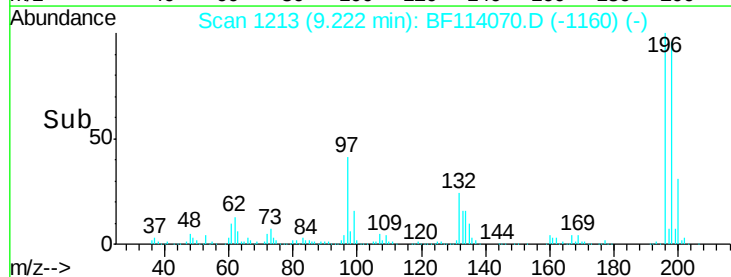
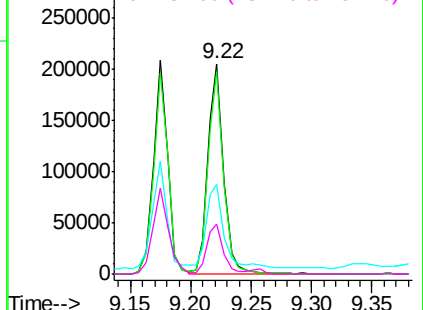


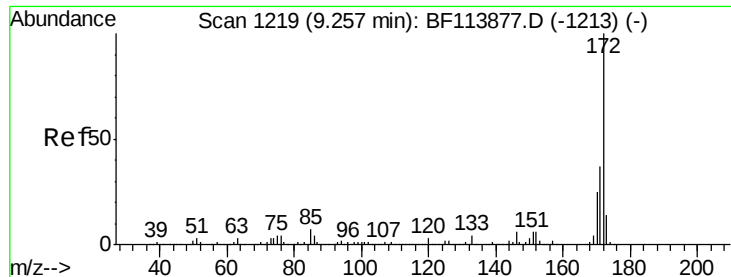
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

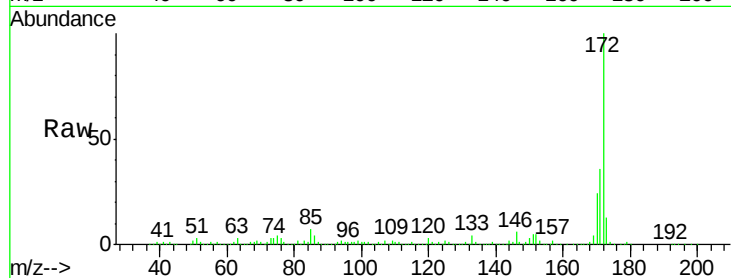




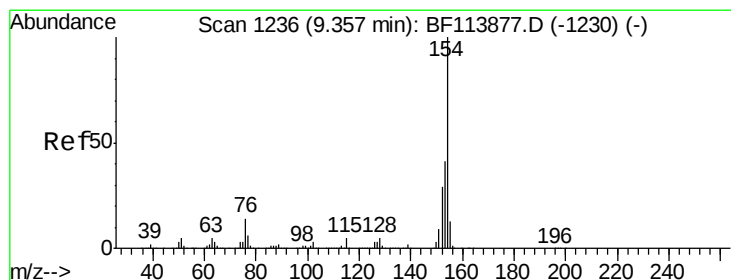
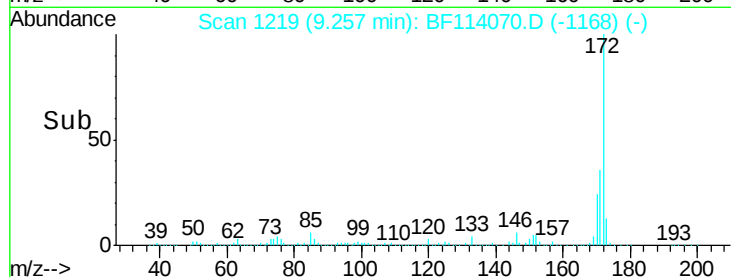
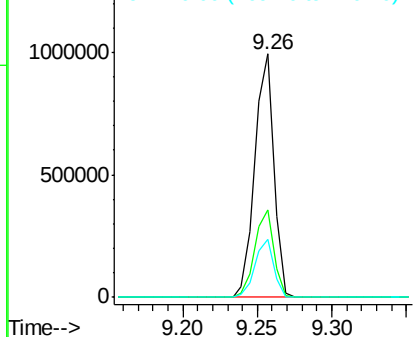
#45
2-Fluorobiphenyl
Concen: 83.597 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 869511
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 23.7 19.9 29.9

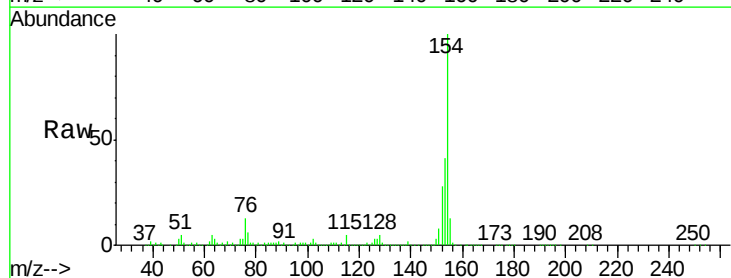


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

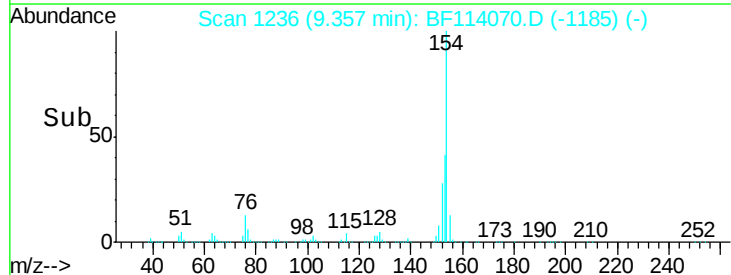
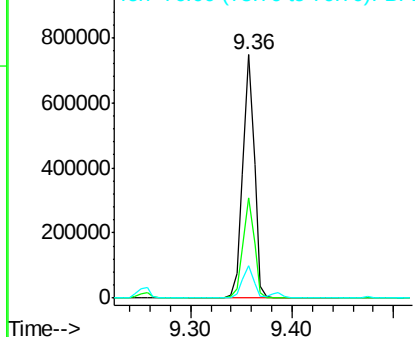


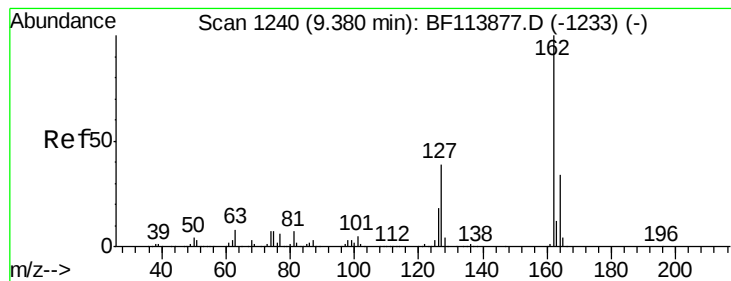
#46
1,1'-Biphenyl
Concen: 47.599 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Tgt Ion:154 Resp: 591530
Ion Ratio Lower Upper
154 100
153 41.2 20.8 60.8
76 13.2 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: 45.879 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Instrument :

BNA_F

ClientSampleId :

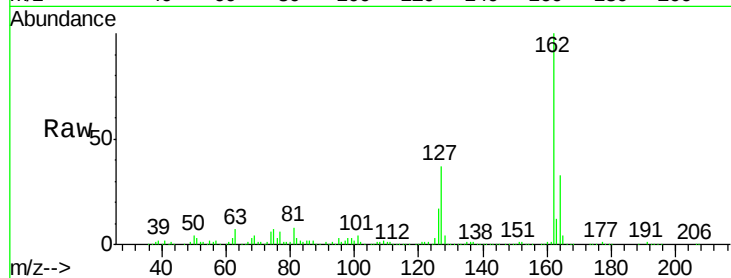
Tot Ion:162 Resp: 463661

Ion Ratio Lower Upper

162 100

127 37.4 29.3 43.9

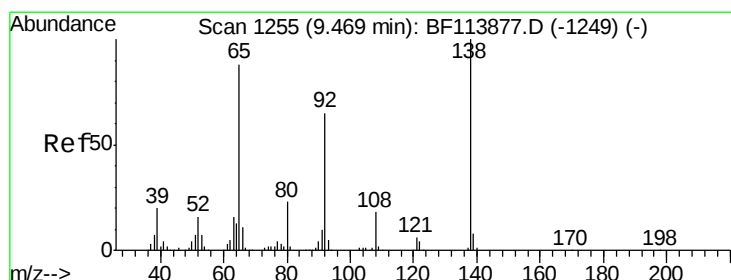
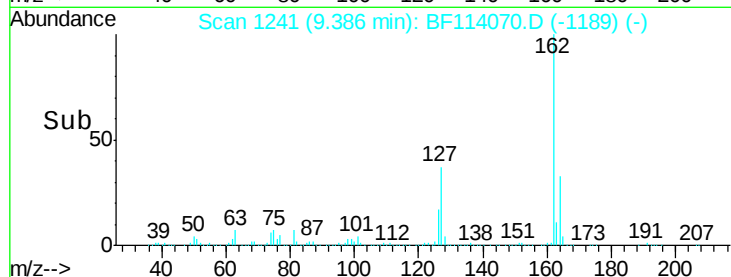
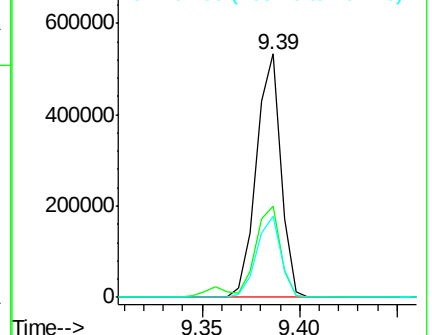
164 33.3 27.1 40.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 56.523 ng

RT: 9.47 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

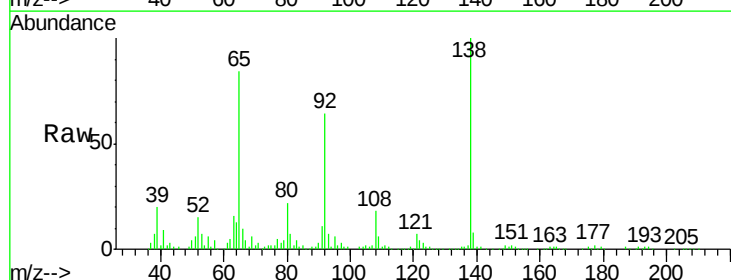
Tgt Ion: 65 Resp: 149745

Ion Ratio Lower Upper

65 100

92 76.0 57.4 86.0

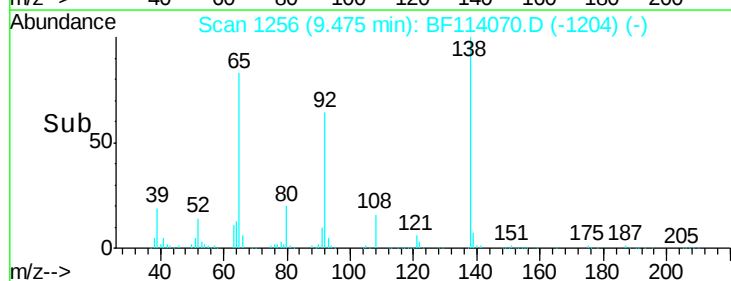
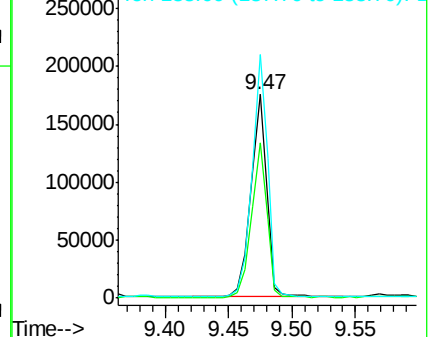
138 119.5 85.4 128.0

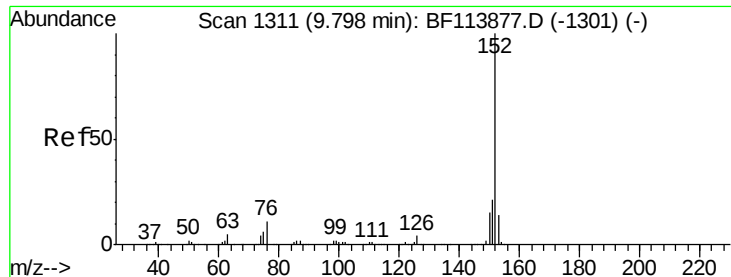


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.230 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Instrument :

BNA_F

ClientSampled :

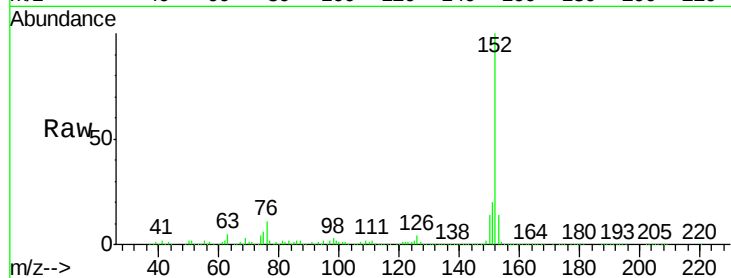
Tot Ion:152 Resp: 699773

Ion Ratio Lower Upper

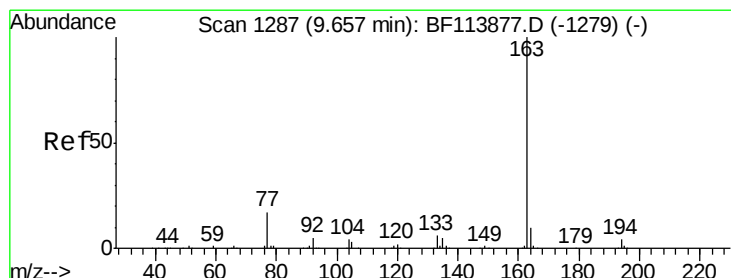
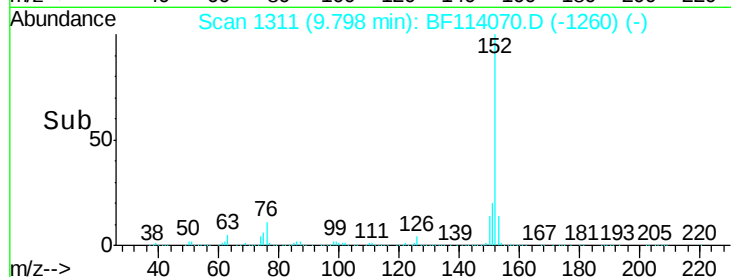
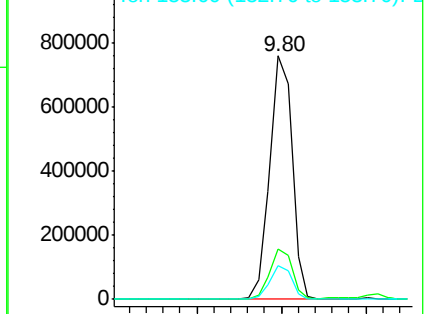
152 100

151 20.4 17.0 25.4

153 13.7 11.0 16.6



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



#50

Dimethylphthalate

Concen: 58.981 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

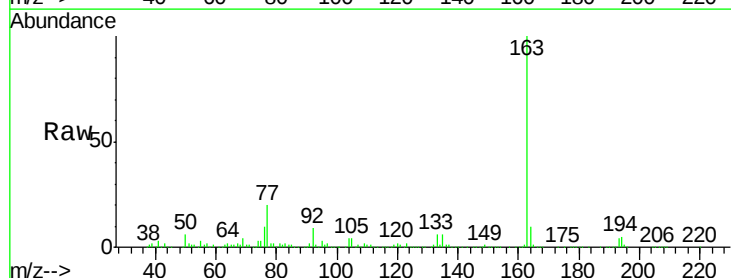
Tgt Ion:163 Resp: 693911

Ion Ratio Lower Upper

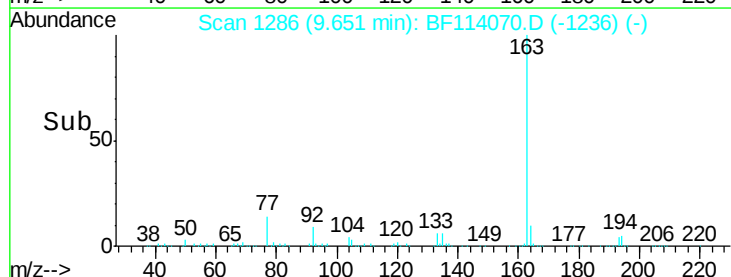
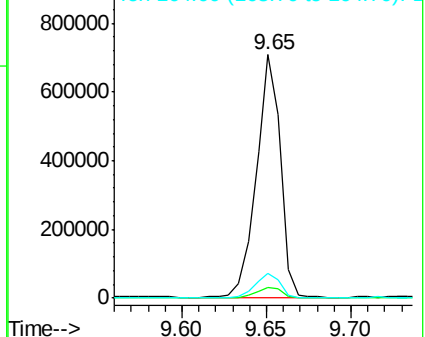
163 100

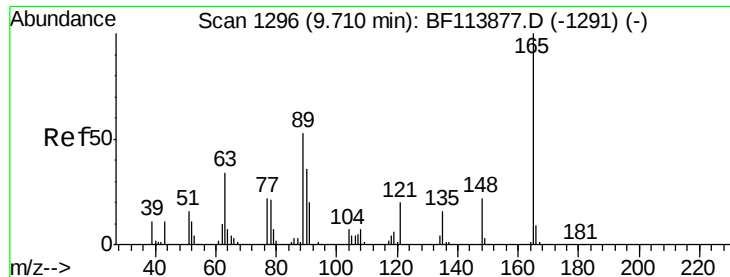
194 4.6 3.4 5.2

164 10.4 8.5 12.7



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

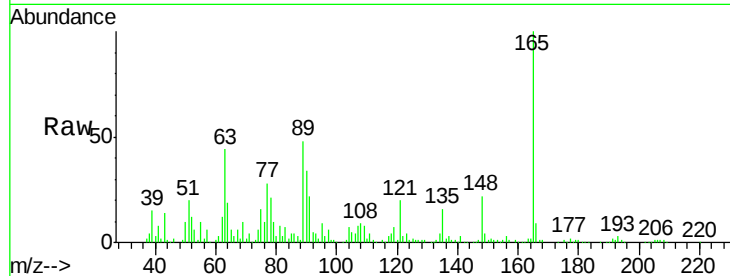




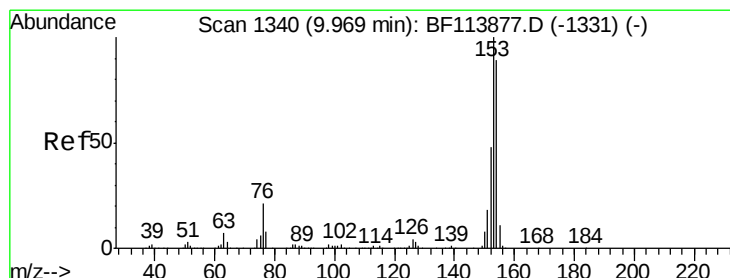
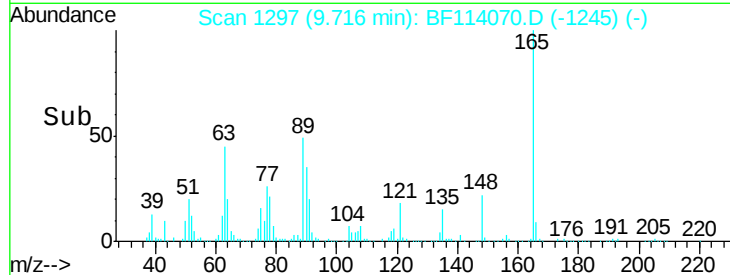
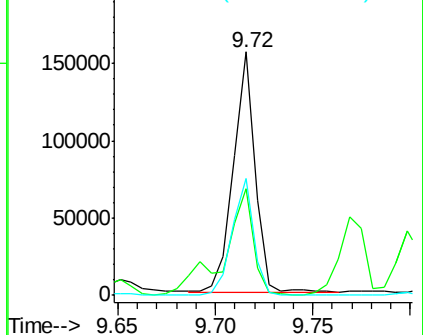
#51
2,6-Dinitrotoluene
Concen: 47.303 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.0	33.8	50.8
89	48.1	38.2	57.2

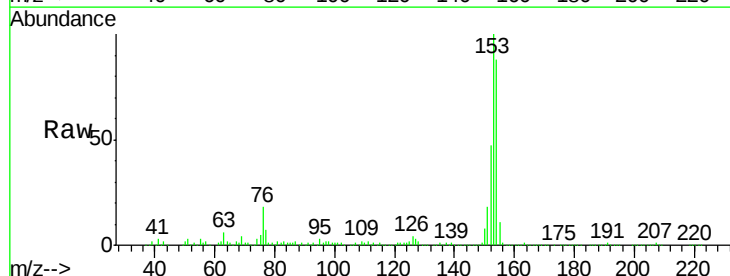


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

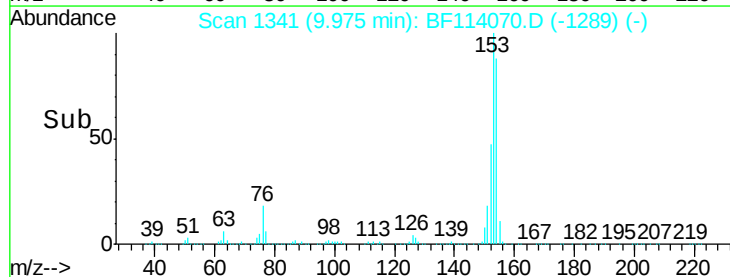
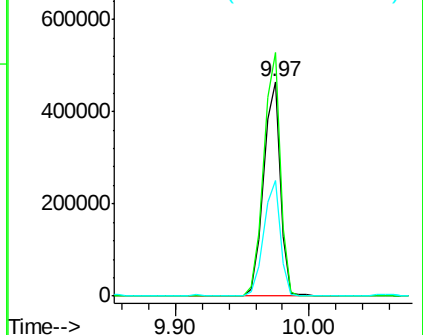


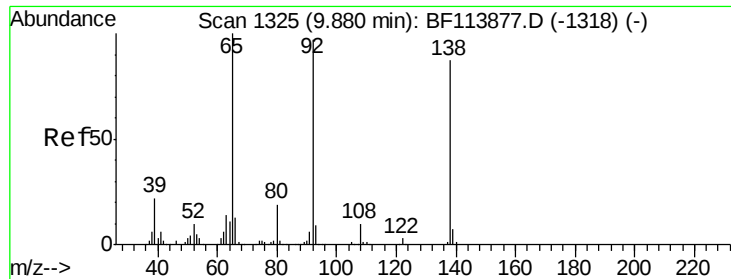
#52
Acenaphthene
Concen: 42.823 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	87.2	130.8
152	53.6	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

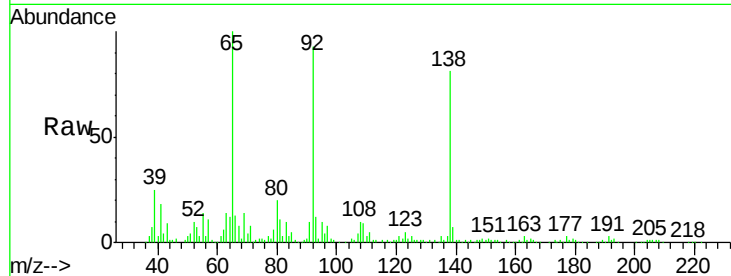




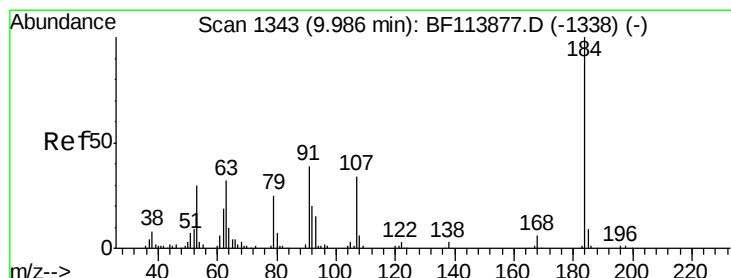
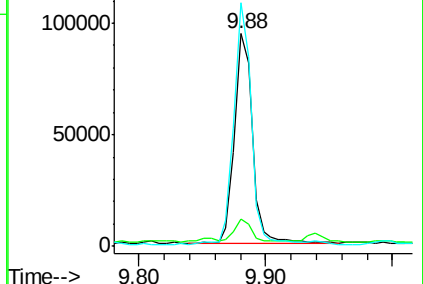
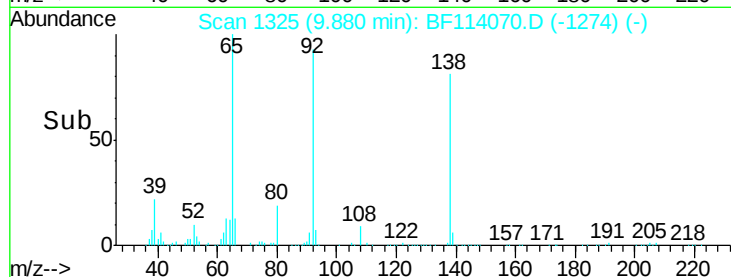
#53
3-Nitroaniline
Concen: 34.247 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 90835
Ion Ratio Lower Upper
138 100
108 12.8 9.4 14.2
92 114.6 94.1 141.1

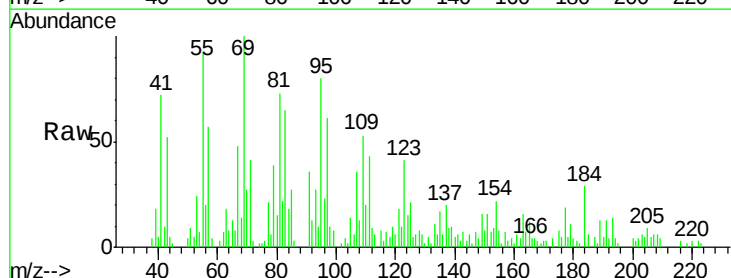


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

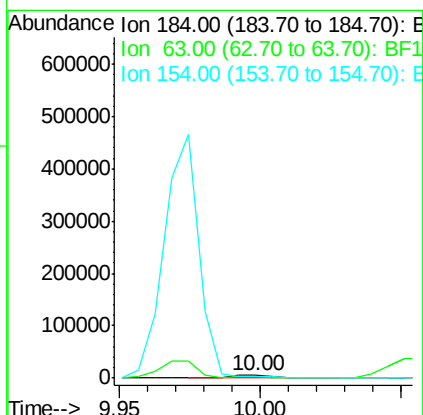
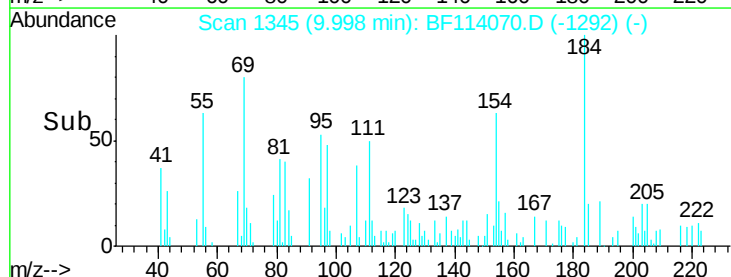


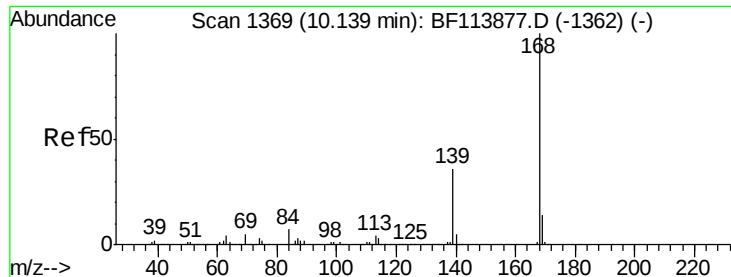
#54
2,4-Dinitrophenol
Concen: 12.723 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Tgt Ion:184 Resp: 5368
Ion Ratio Lower Upper
184 100
63 62.2 54.6 81.8
154 78.0 218.6 328.0#



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: 43.525 ng

RT: 10.15 min Scan# 1370

Delta R.T. 0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Instrument :

BNA_F

ClientSampleId :

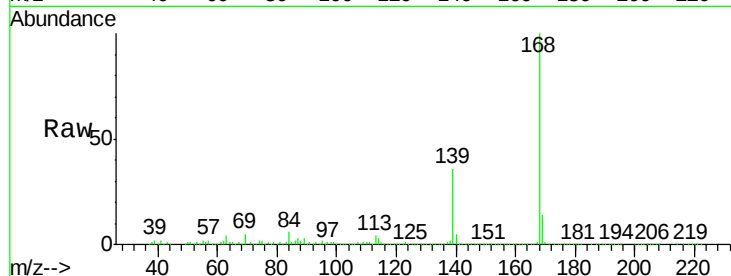
Tot Ion:168 Resp: 609601

Ion Ratio Lower Upper

168 100

139 35.5 27.8 41.6

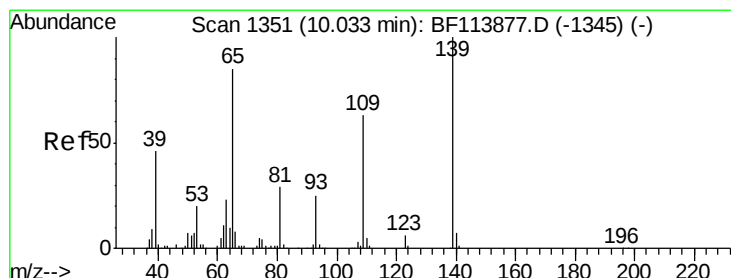
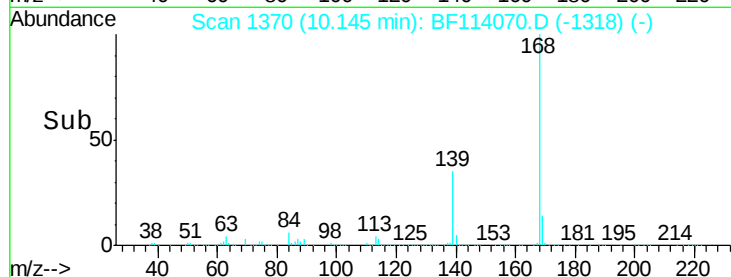
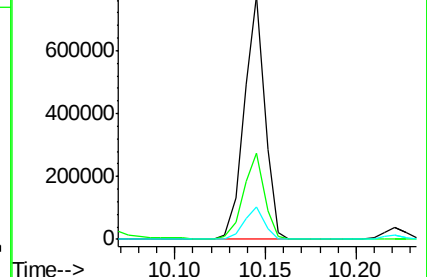
169 13.6 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 89.986 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.02 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

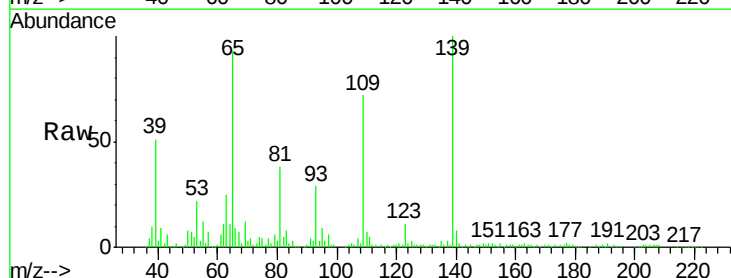
Tgt Ion:139 Resp: 188975

Ion Ratio Lower Upper

139 100

109 72.0 42.9 82.9

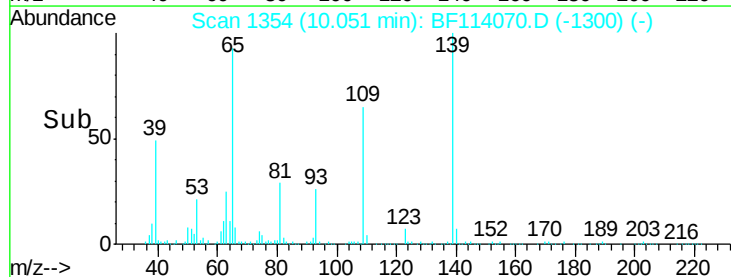
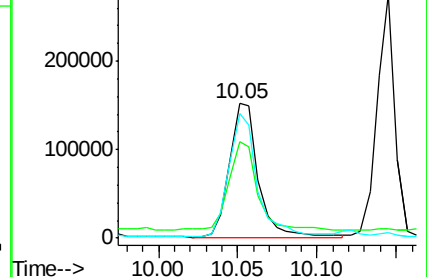
65 92.8 64.4 104.4

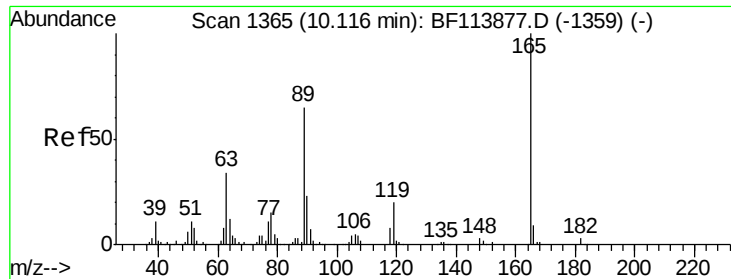


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

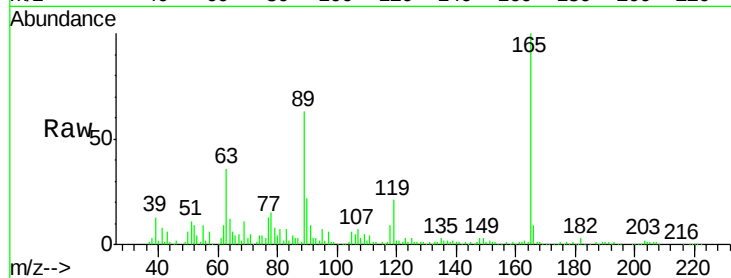




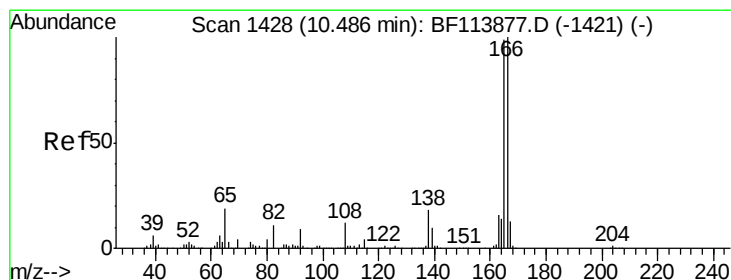
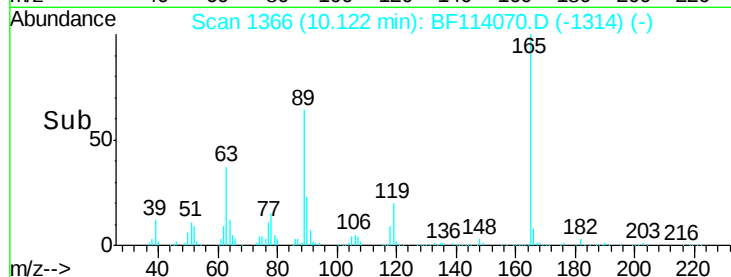
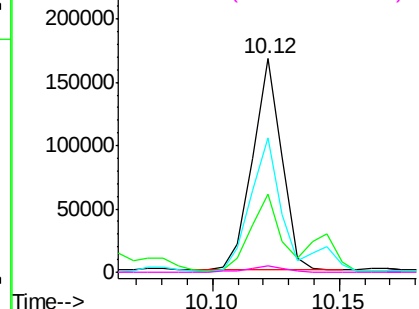
#57
2,4-Dinitrotoluene
Concen: 41.497 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 132206
Ion Ratio Lower Upper
165 100
63 36.5 27.4 41.0
89 63.1 51.8 77.6
182 3.2 2.2 3.2

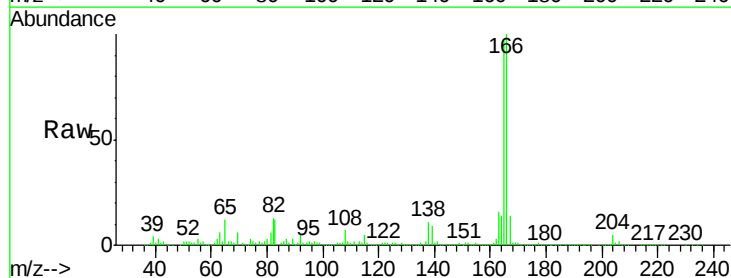


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

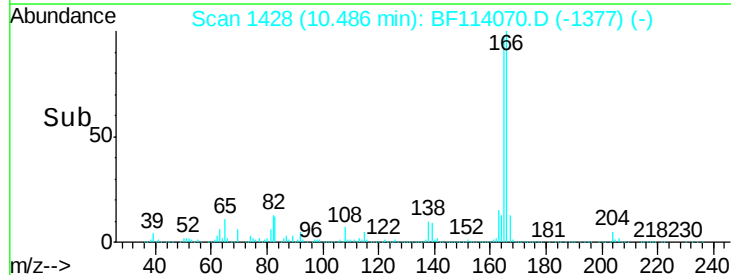
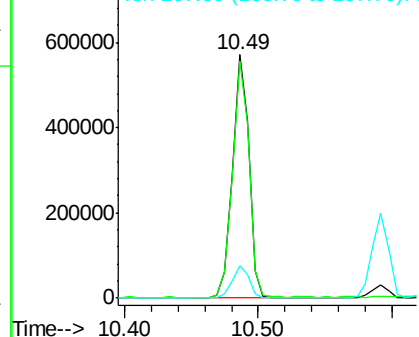


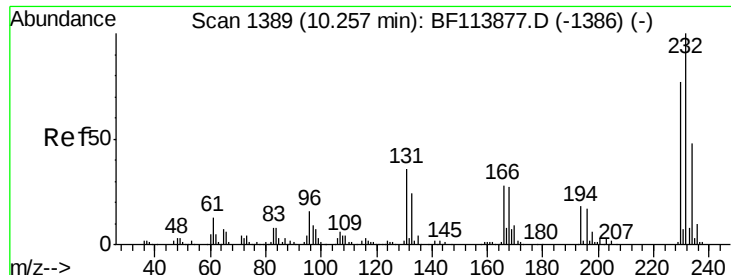
#58
Fluorene
Concen: 47.181 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Tgt Ion:166 Resp: 497510
Ion Ratio Lower Upper
166 100
165 97.3 78.4 117.6
167 13.6 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

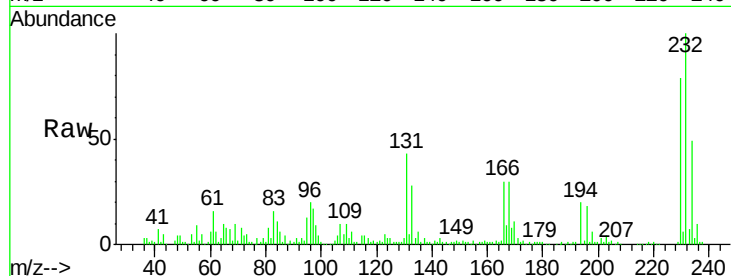




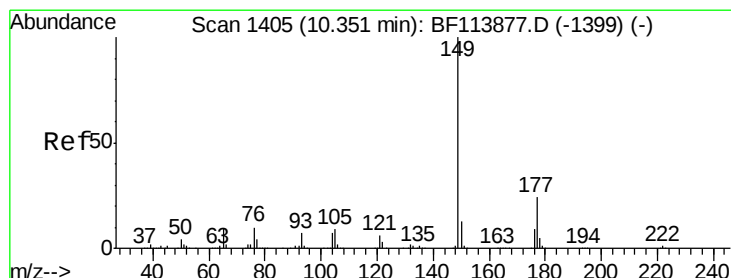
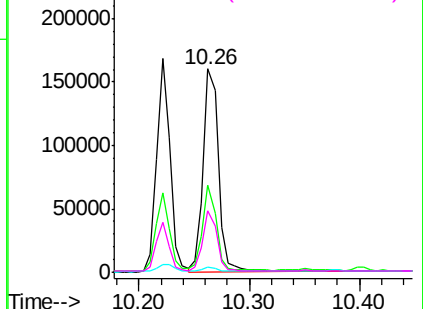
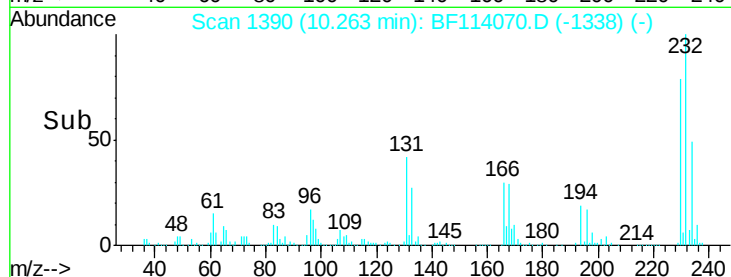
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.463 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF114070.D
 Acq: 1 May 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	150369
Ion	Ratio	Lower	Upper
232	100		
131	36.8	30.2	45.2
130	2.0	1.5	2.3
166	27.5	22.2	33.4

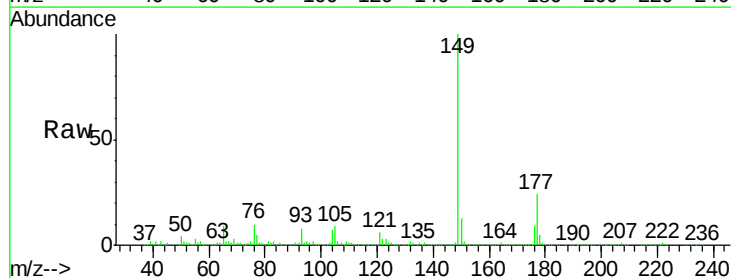


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

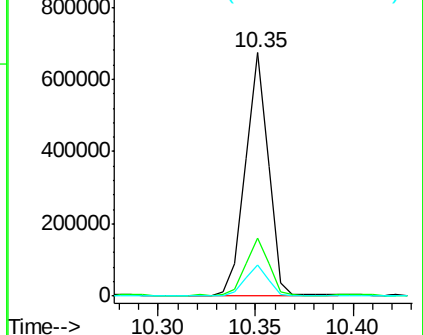
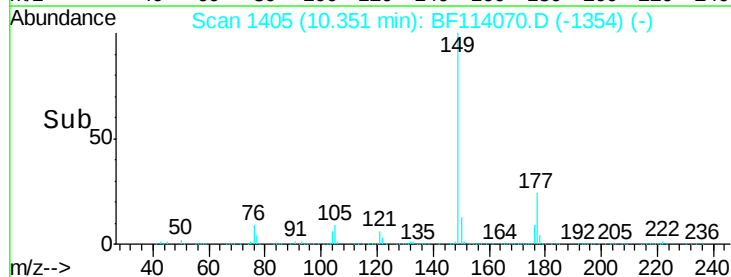


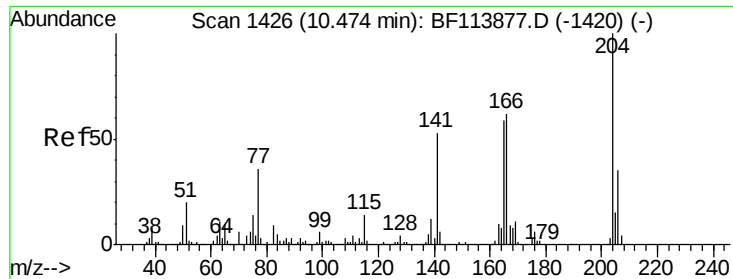
#60
 Diethylphthalate
 Concen: 48.667 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF114070.D
 Acq: 1 May 2019 15:40

Tgt Ion:	149	Resp:	543729
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

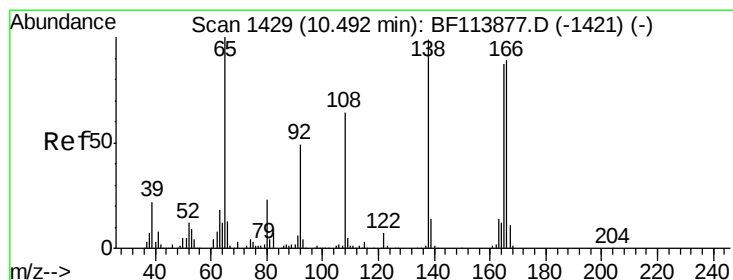
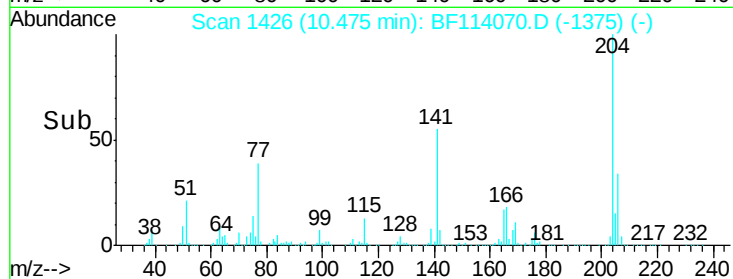
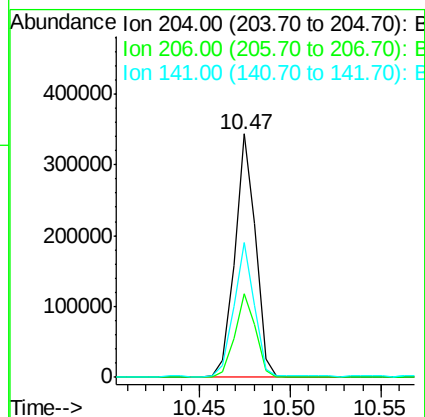
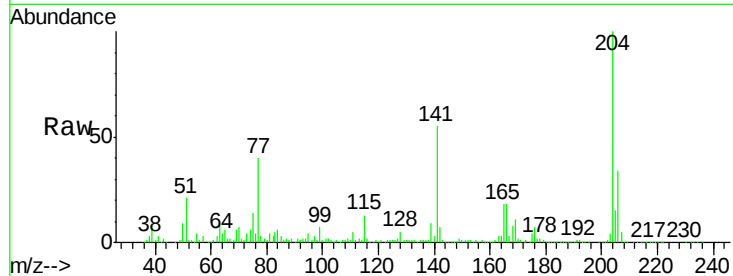




#61
4-Chlorophenyl-phenylether
Concen: 48.910 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

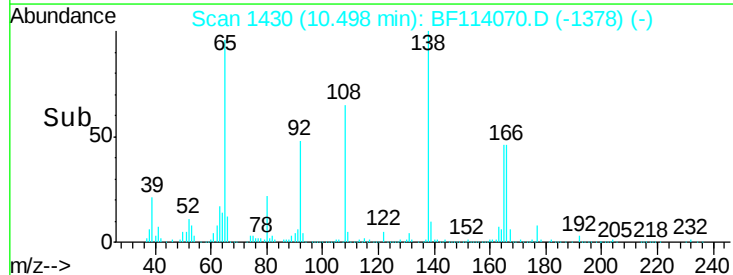
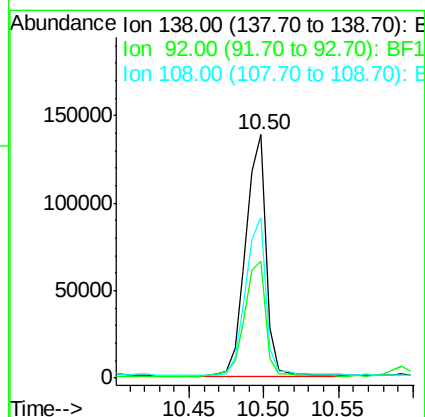
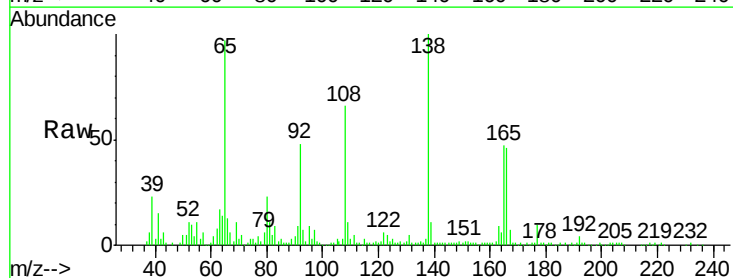
Instrument :
BNA_F
ClientSampled :

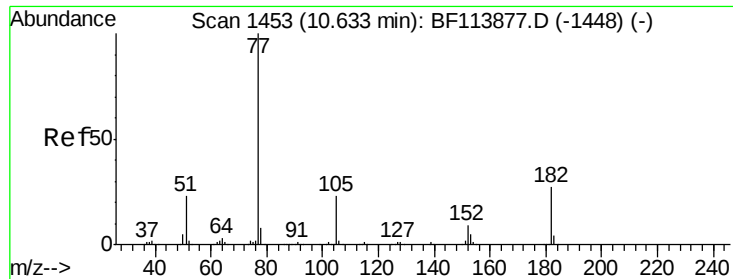
Tot Ion:204 Resp: 273133
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.2
141 55.3 42.6 63.8



#62
4-Nitroaniline
Concen: 51.199 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Tgt Ion:138 Resp: 132519
Ion Ratio Lower Upper
138 100
92 48.1 31.3 71.3
108 65.8 48.9 88.9





#63

Azobenzene

Concen: 43.793 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 474196

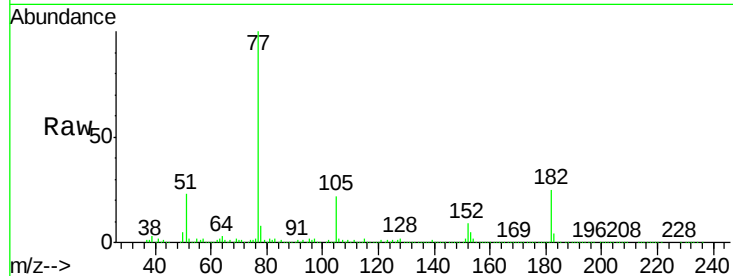
Ion Ratio Lower Upper

77 100

182 24.9 4.4 44.4

105 21.8 2.2 42.2

51 23.1 3.9 43.9

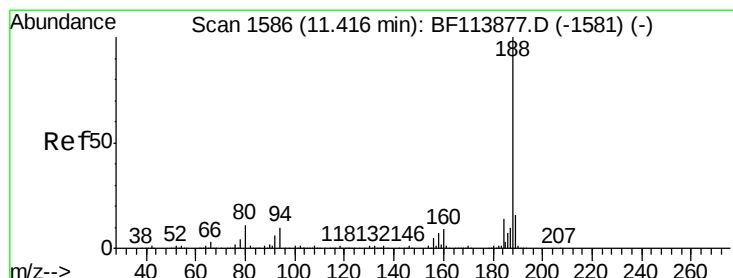
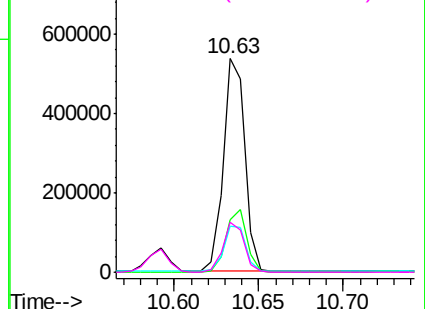
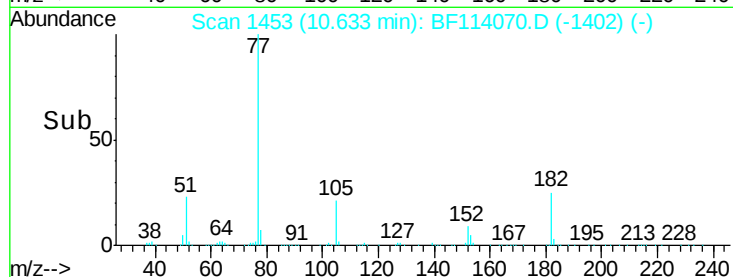


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): 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: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

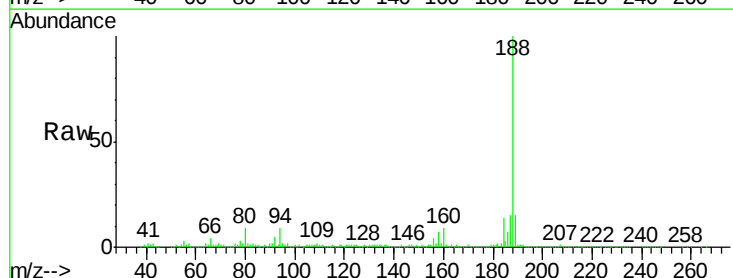
Tgt Ion: 188 Resp: 328211

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.4

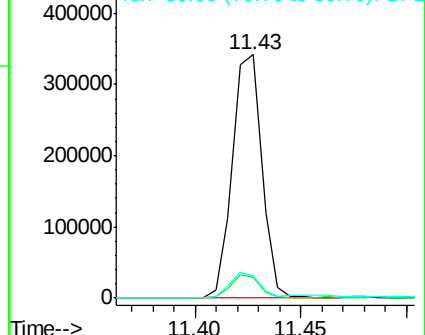
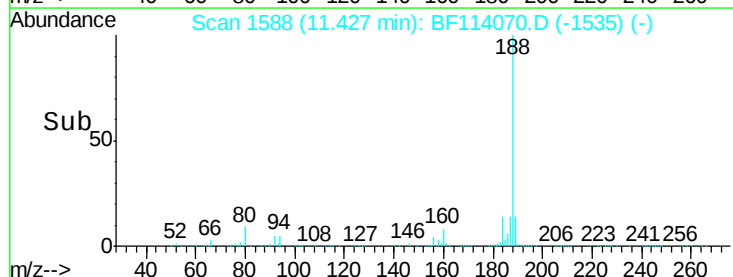
80 9.3 9.0 13.6

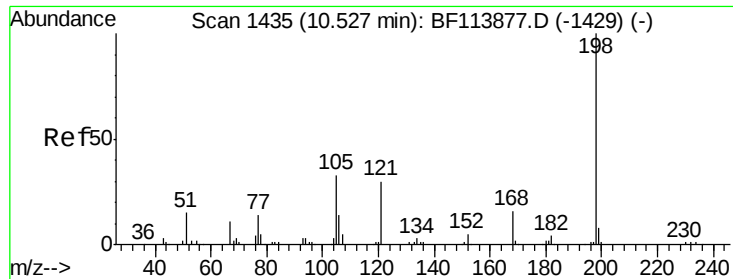


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 11.496 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Instrument :

BNA_F

ClientSampled :

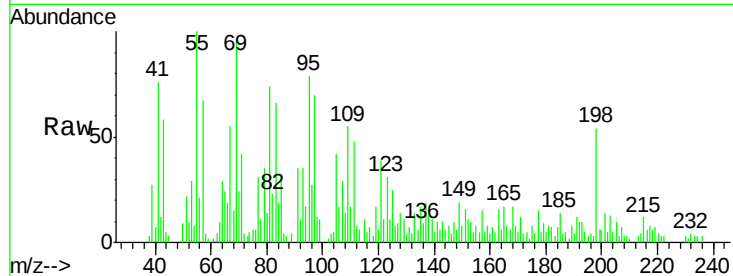
Tot Ion:198 Resp: 7431

Ion Ratio Lower Upper

198 100

51 41.2 11.1 51.1

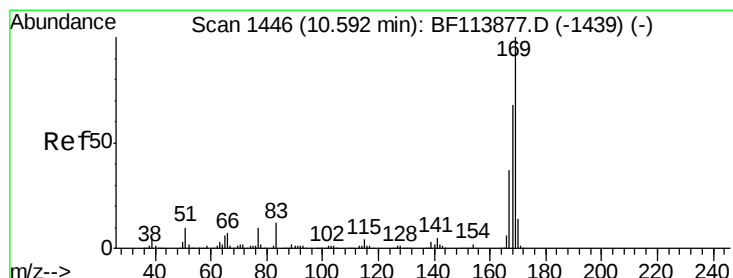
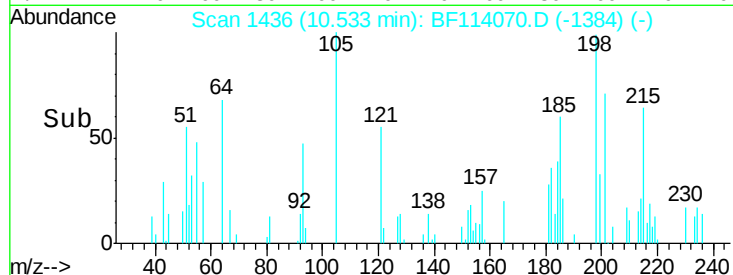
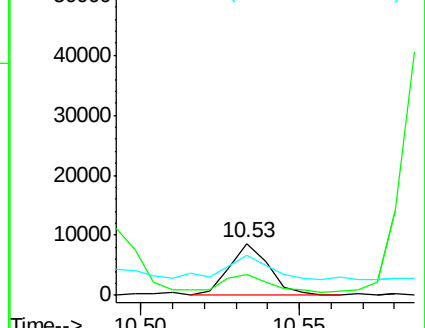
105 77.5 20.7 60.7#



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: 46.944 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

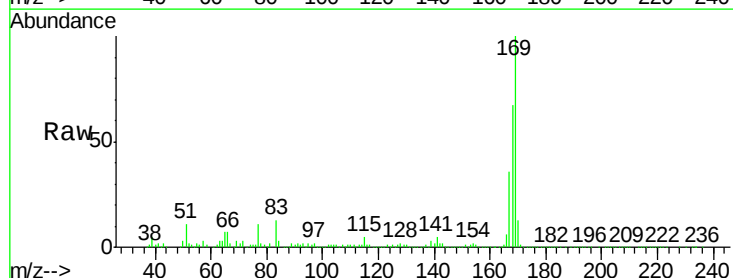
Tgt Ion:169 Resp: 462303

Ion Ratio Lower Upper

169 100

168 66.8 54.3 81.5

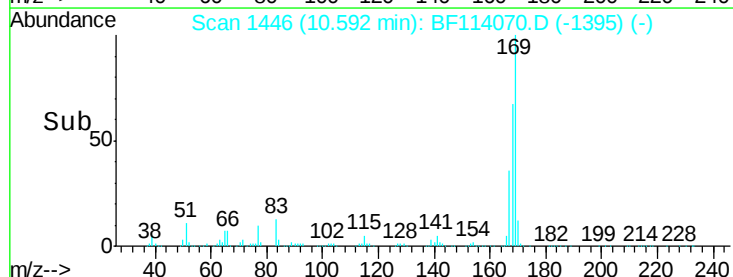
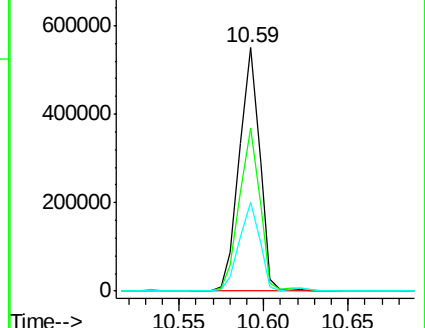
167 36.3 29.4 44.0

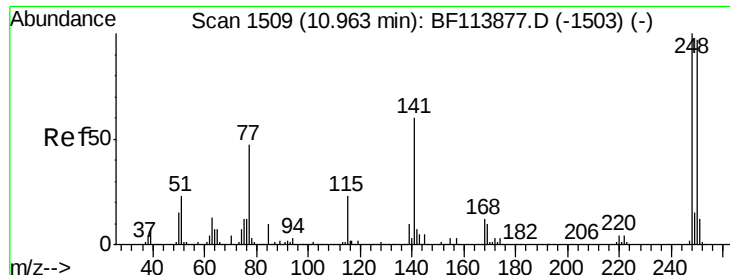


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

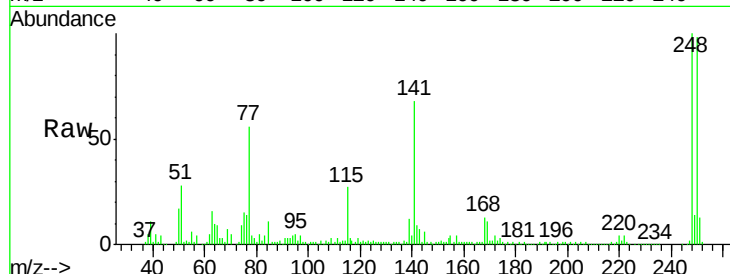




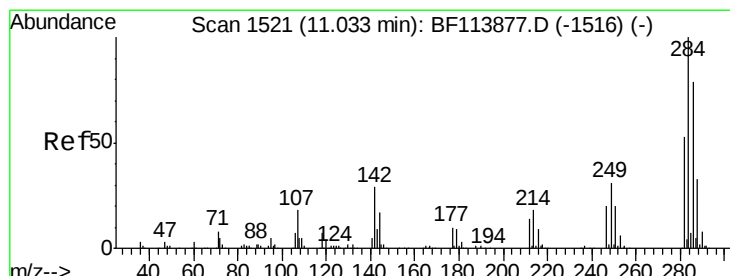
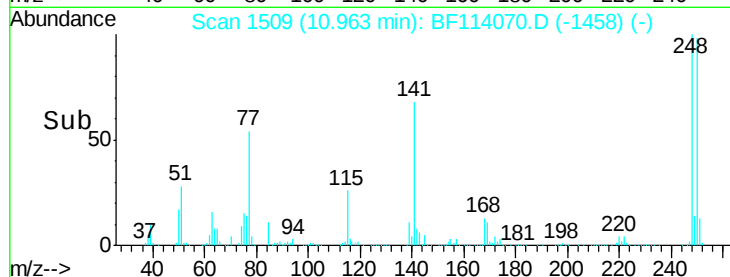
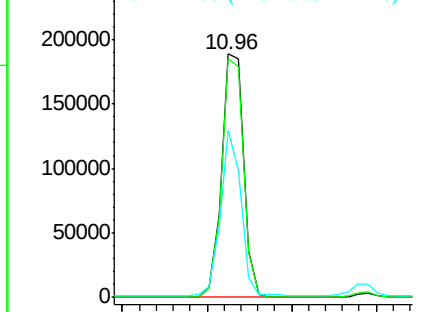
#67
4-Bromophenyl-phenylether
Concen: 43.306 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 171706
Ion Ratio Lower Upper
248 100
250 97.9 75.8 113.6
141 68.4 50.2 75.4

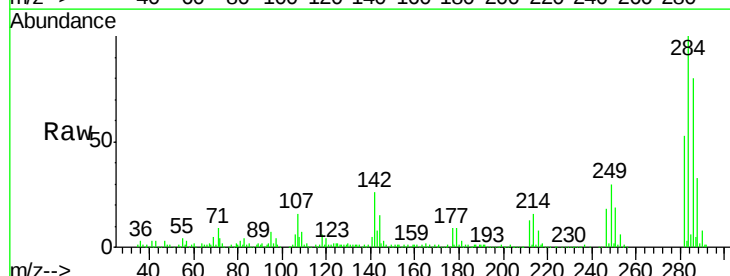


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

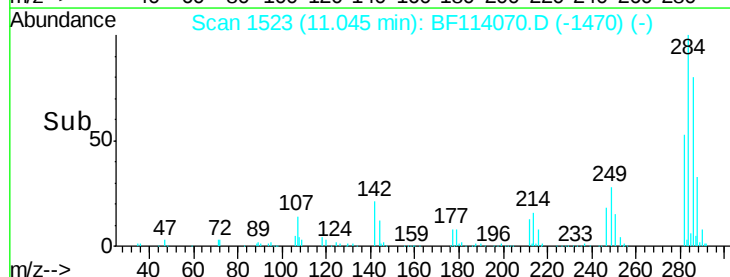
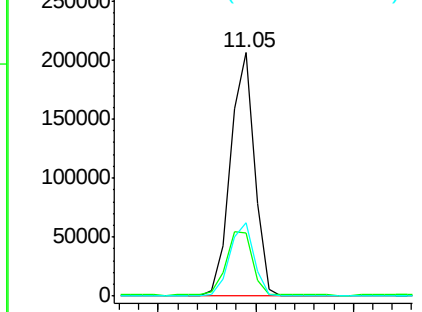


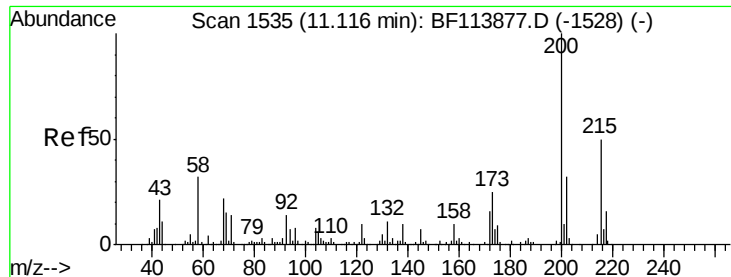
#68
Hexachlorobenzene
Concen: 40.405 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Tgt Ion:284 Resp: 176048
Ion Ratio Lower Upper
284 100
142 25.8 23.0 34.4
249 30.2 24.4 36.6



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





#69

Atrazine

Concen: 44.800 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Instrument :

BNA_F

ClientSampleId :

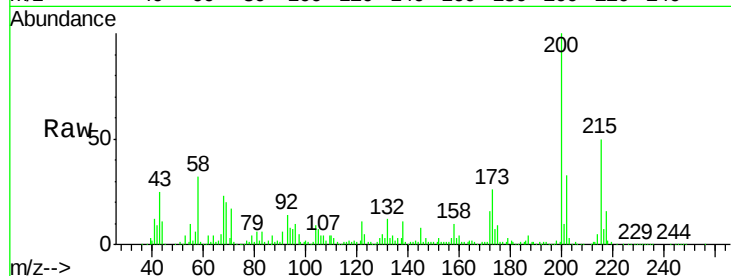
Tot Ion:200 Resp: 143521

Ion Ratio Lower Upper

200 100

173 25.8 5.9 45.9

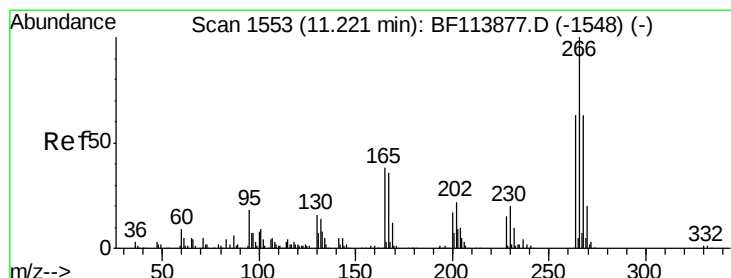
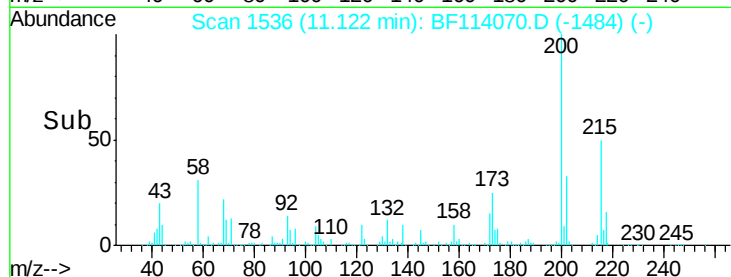
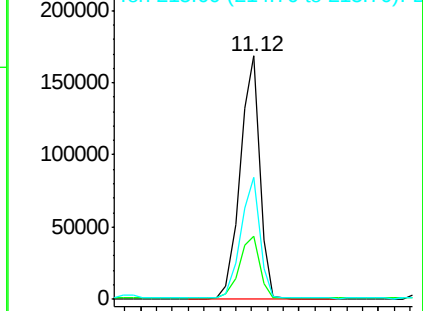
215 50.2 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.767 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

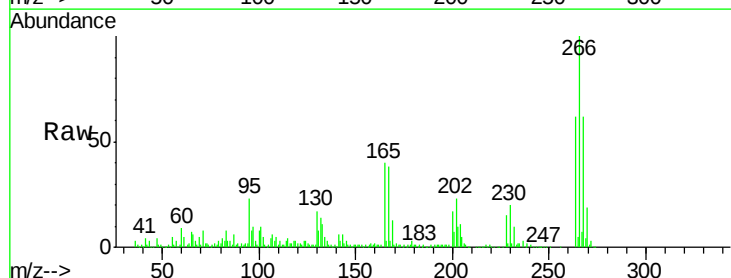
Tgt Ion:266 Resp: 191845

Ion Ratio Lower Upper

266 100

268 62.4 53.5 80.3

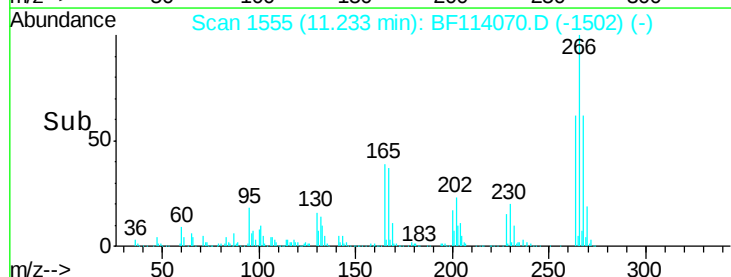
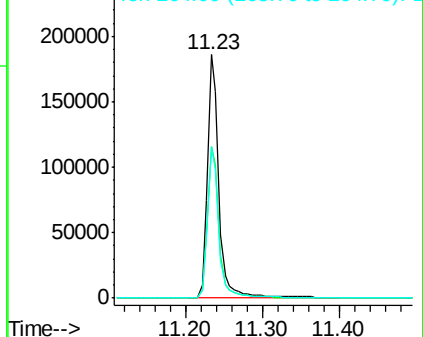
264 61.9 51.0 76.6

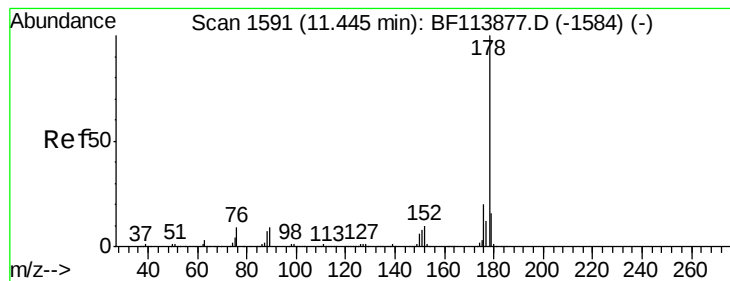


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.647 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Instrument :

BNA_F

ClientSampleId :

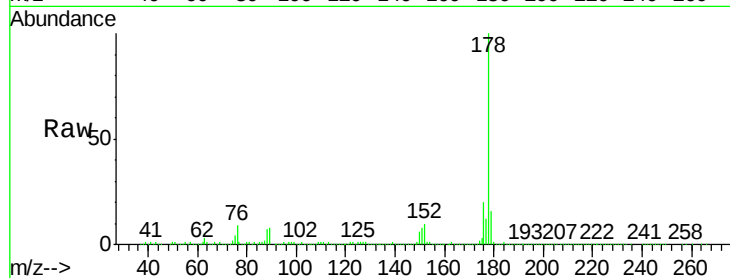
Tot Ion:178 Resp: 736435

Ion Ratio Lower Upper

178 100

176 20.0 16.1 24.1

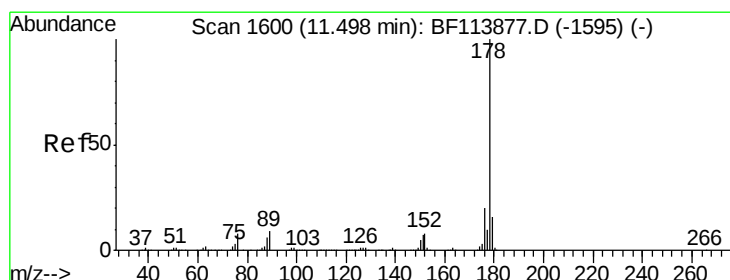
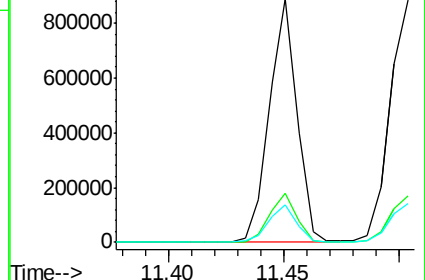
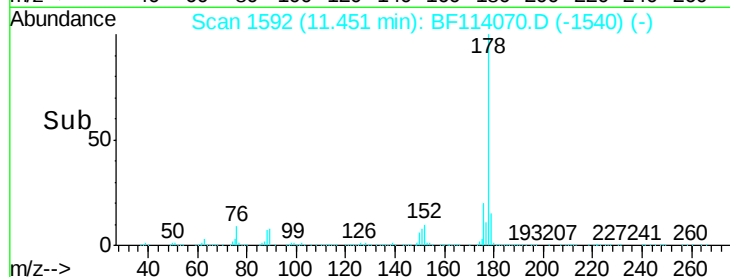
179 15.6 12.8 19.2



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: 44.972 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

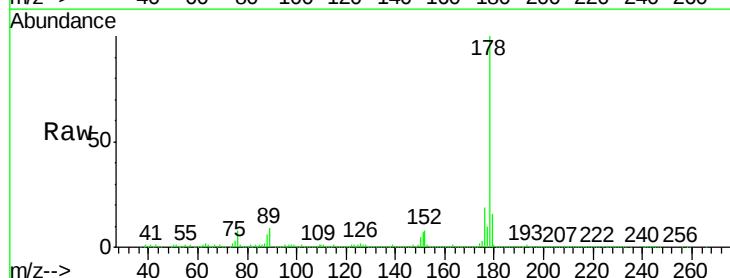
Tgt Ion:178 Resp: 749092

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

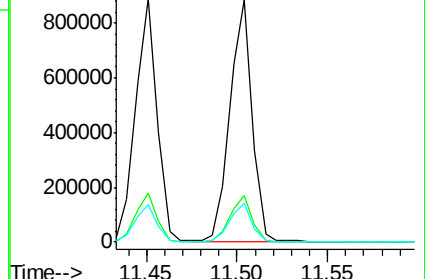
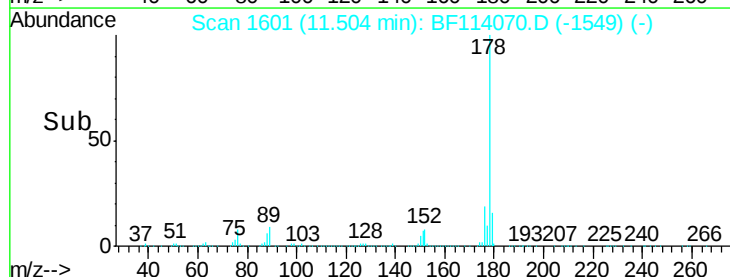
179 15.9 13.0 19.4

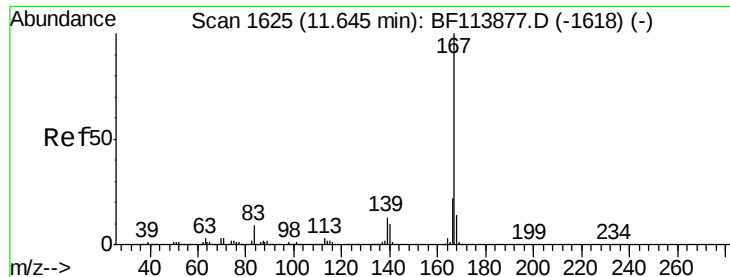


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

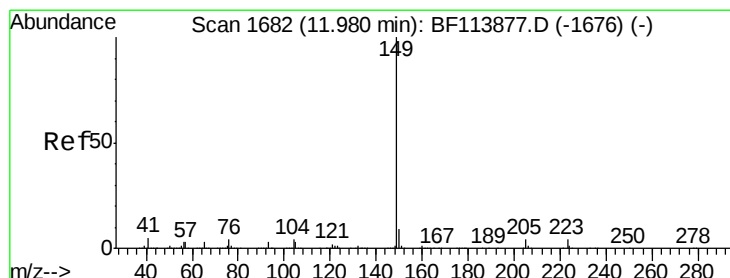
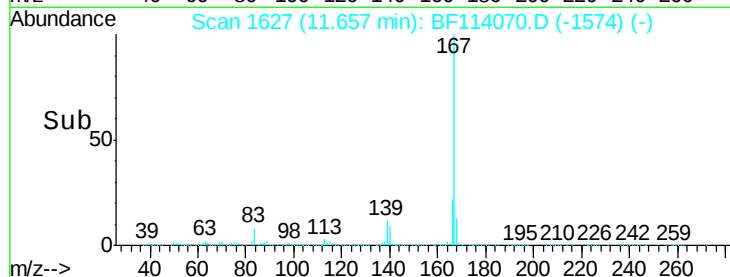
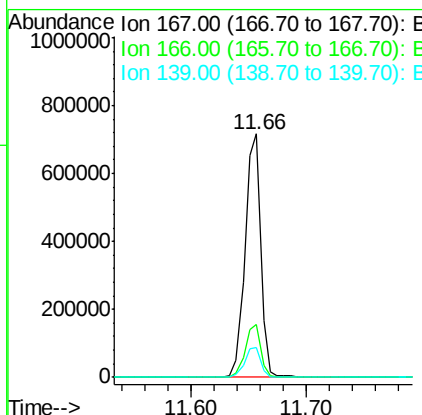
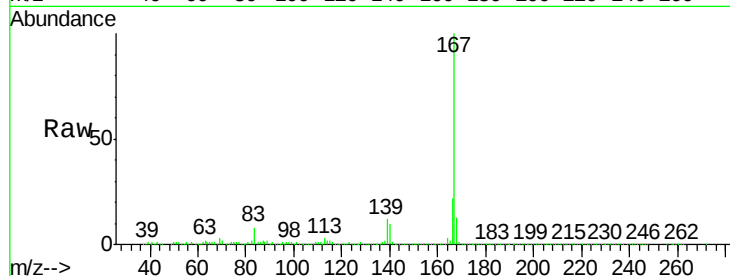




#73
 Carbazole
 Concen: 45.180 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.01 min
 Lab File: BF114070.D
 Acq: 1 May 2019 15:40

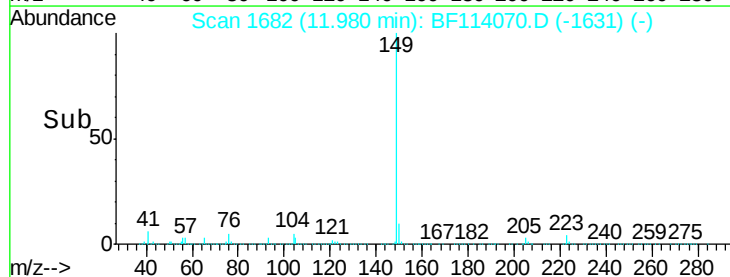
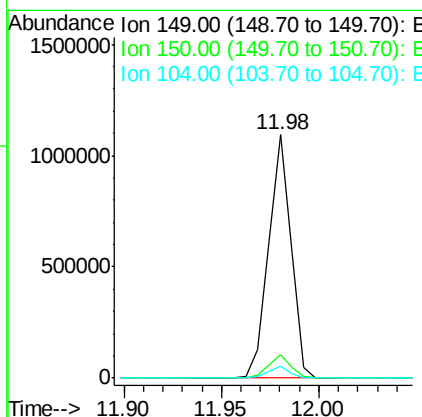
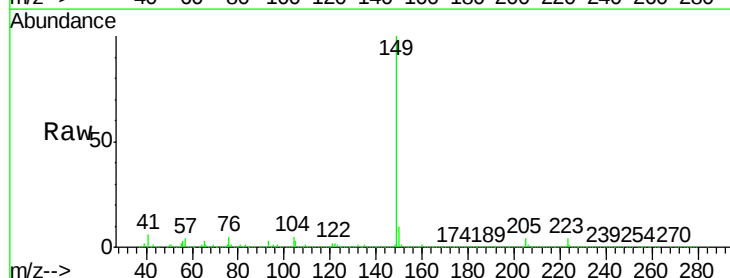
Instrument :
 BNA_F
 ClientSampleId :

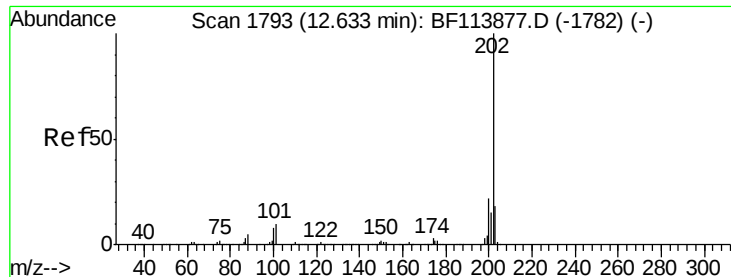
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.7	26.5
139	12.2	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 49.423 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF114070.D
 Acq: 1 May 2019 15:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.8
104	4.7	3.8	5.8





#75

Fluoranthene

Concen: 39.619 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.02 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Instrument :

BNA_F

ClientSampled :

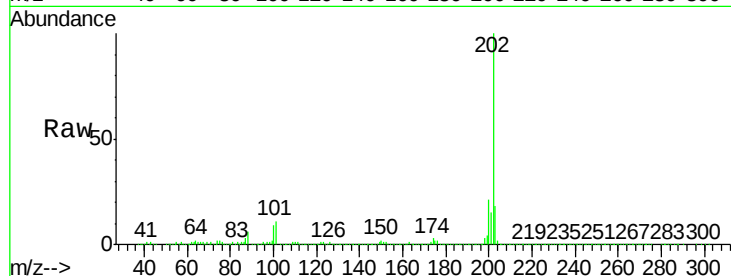
Tot Ion:202 Resp: 712980

Ion Ratio Lower Upper

202 100

101 11.5 0.0 32.9

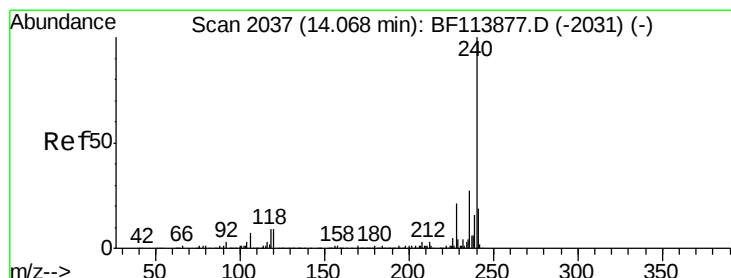
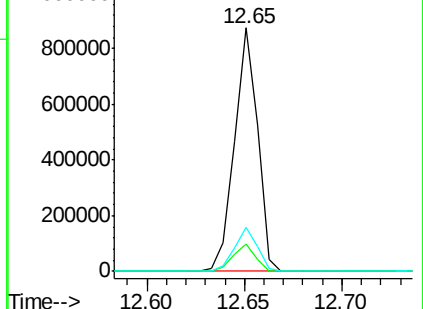
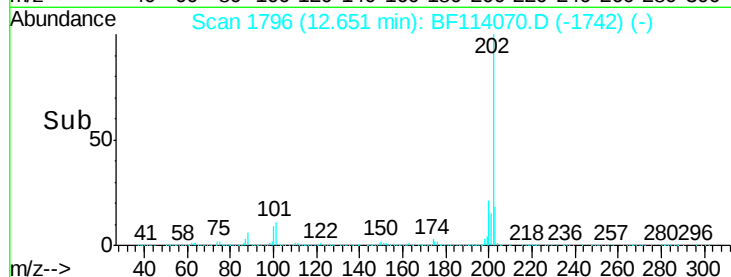
203 17.9 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

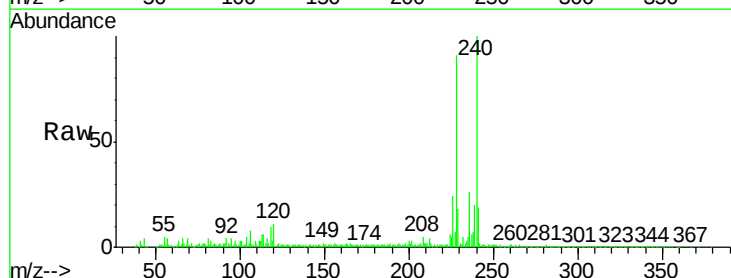
Tgt Ion:240 Resp: 234877

Ion Ratio Lower Upper

240 100

120 10.9 9.3 13.9

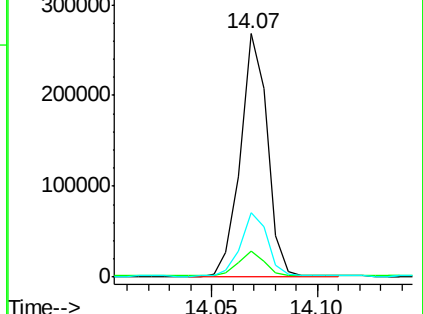
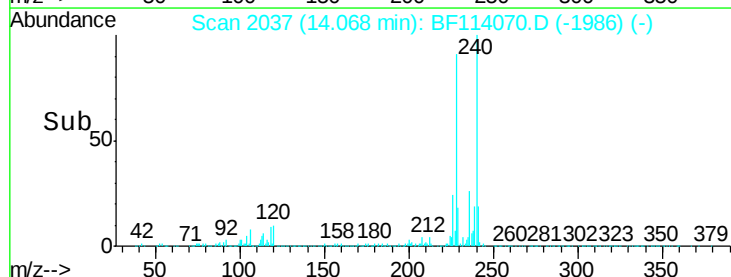
236 26.4 21.2 31.8

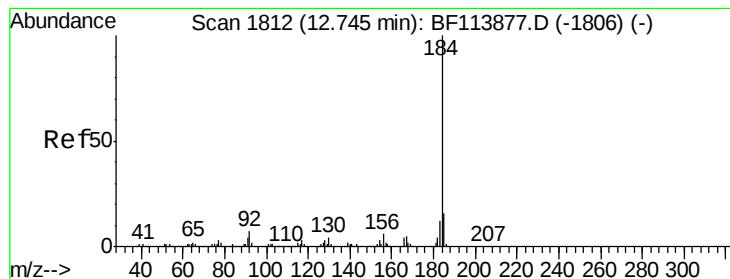


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 9.048 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Instrument :

BNA_F

ClientSampleId :

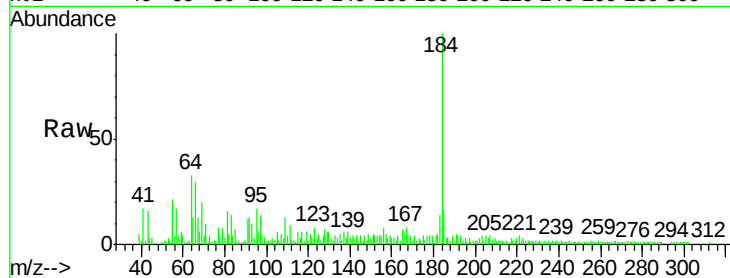
Tot Ion:184 Resp: 63321

Ion Ratio Lower Upper

184 100

185 16.0 13.0 19.6

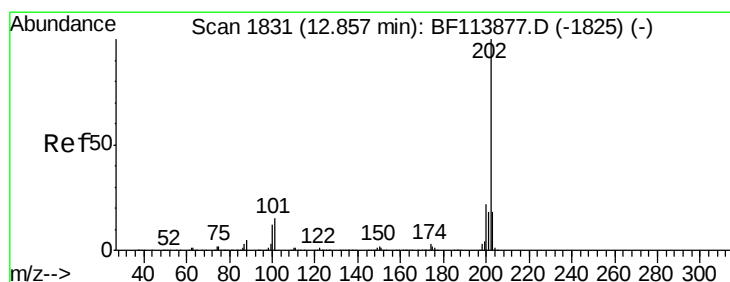
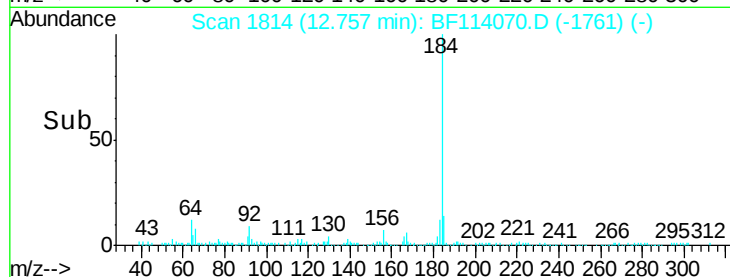
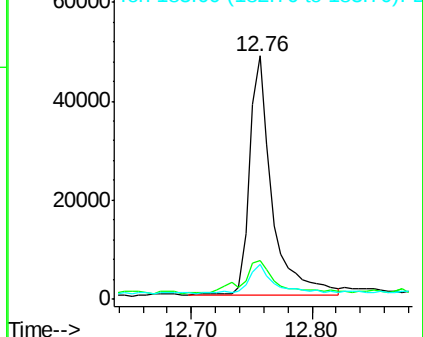
183 14.4 9.4 14.0#



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: 43.473 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.02 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

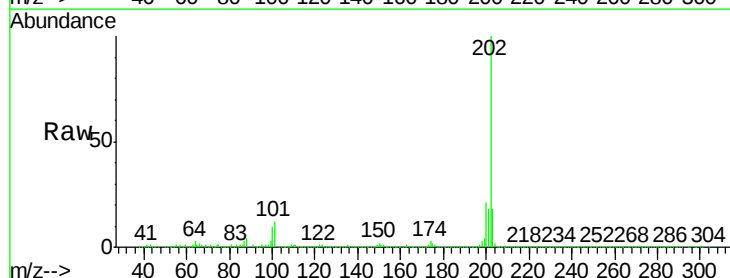
Tgt Ion:202 Resp: 714061

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

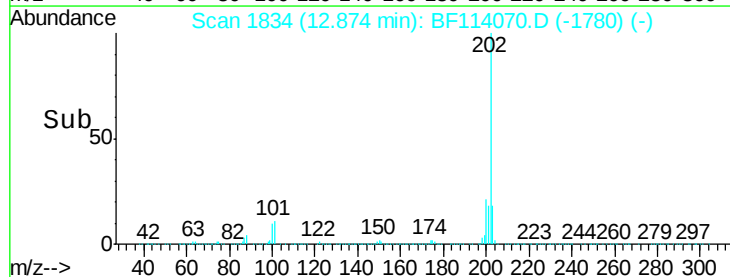
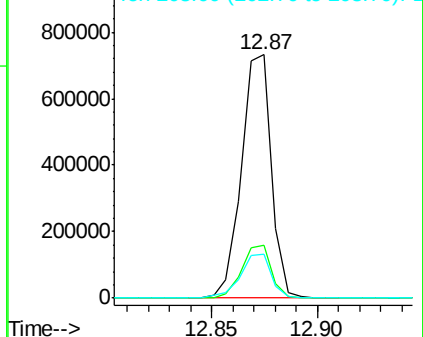
203 17.9 15.0 22.6

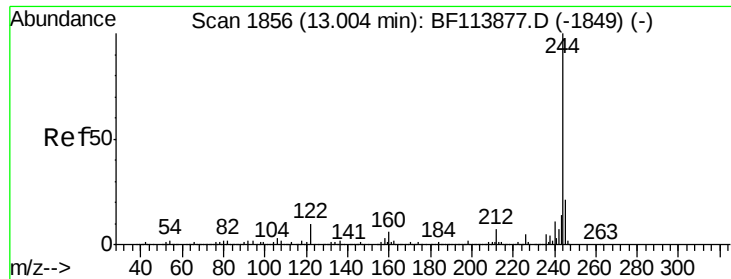


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.982 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Instrument :

BNA_F

ClientSampleId :

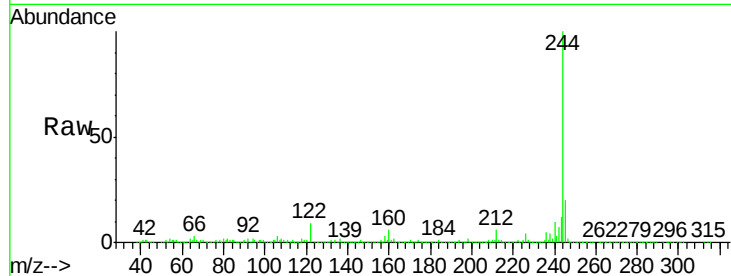
Tot Ion:244 Resp: 927786

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

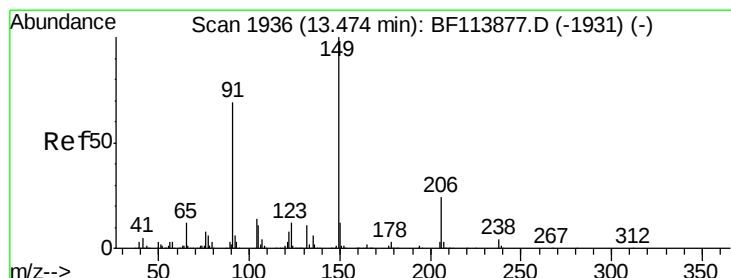
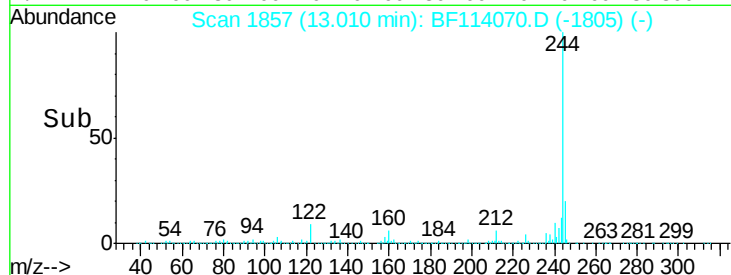
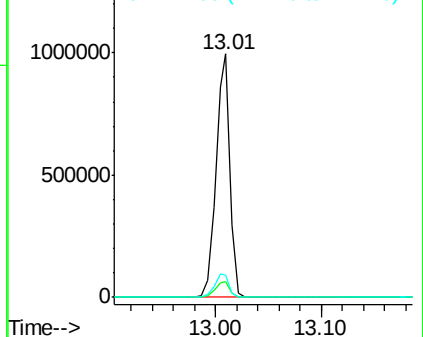
122 8.9 7.6 11.4



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: 50.709 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

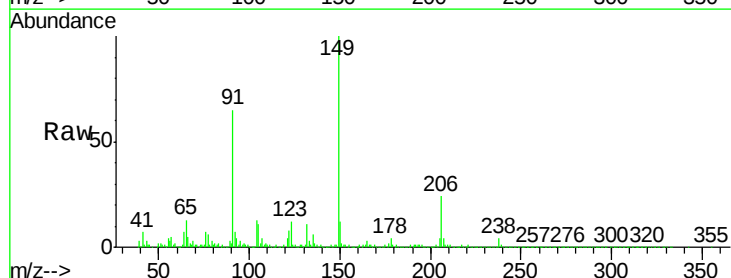
Tgt Ion:149 Resp: 327708

Ion Ratio Lower Upper

149 100

91 65.4 56.3 84.5

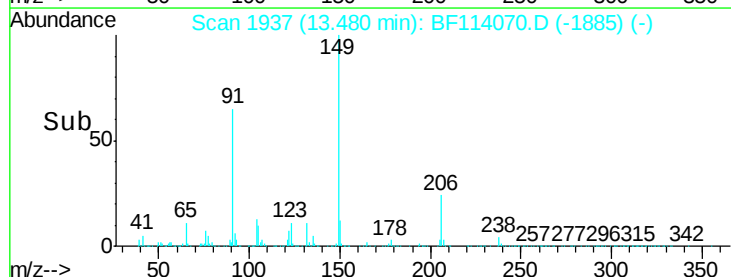
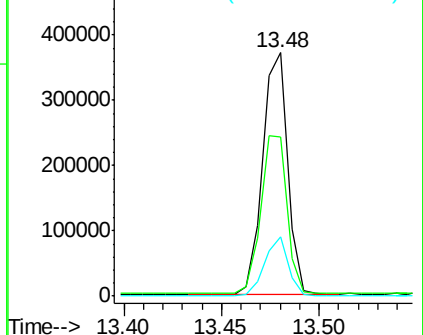
206 24.2 19.0 28.6

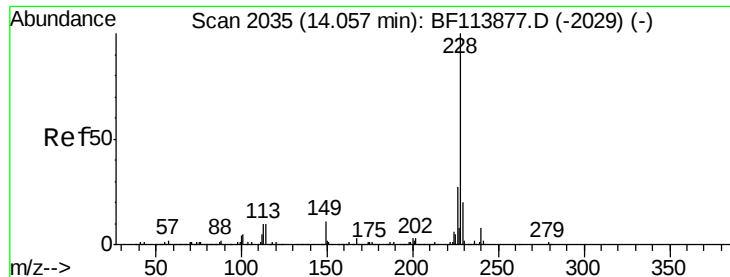


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.826 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Instrument :

BNA_F

ClientSampleId :

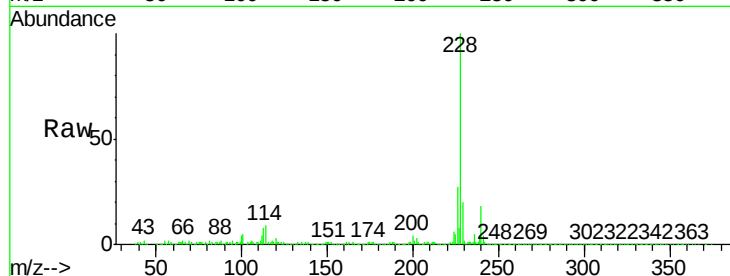
Tot Ion:228 Resp: 661842

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.2

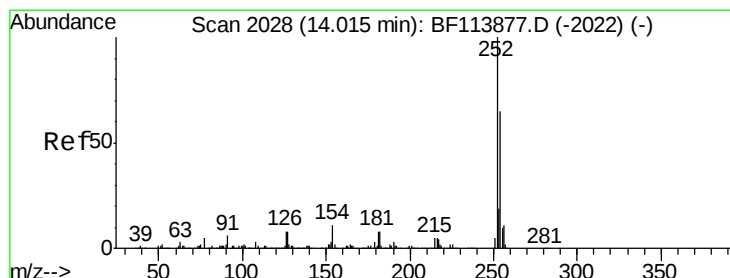
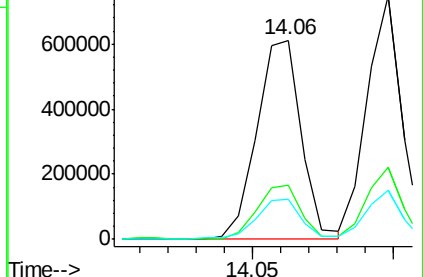
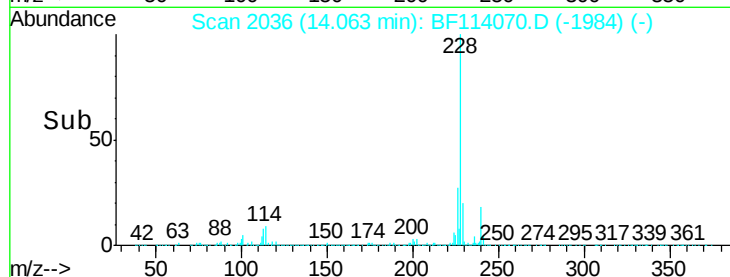
229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.811 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

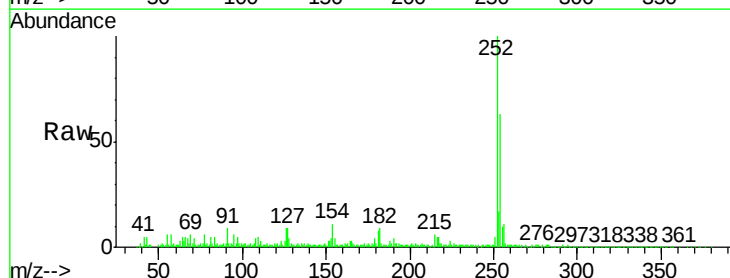
Tgt Ion:252 Resp: 166424

Ion Ratio Lower Upper

252 100

254 63.4 52.1 78.1

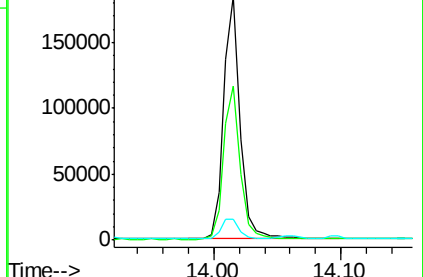
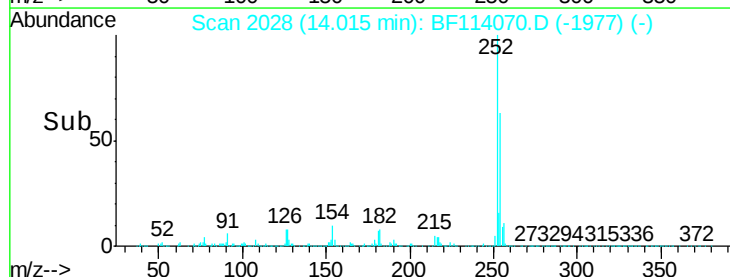
126 8.7 9.3 13.9#

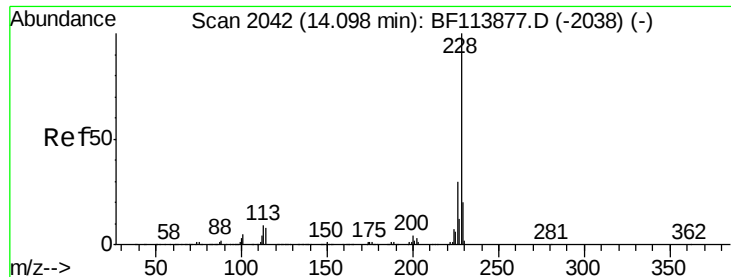


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 46.539 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

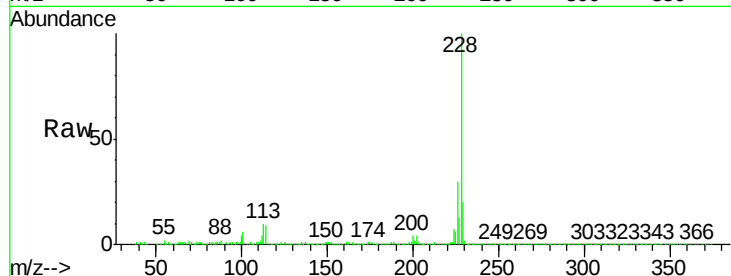
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 627227

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.2	37.8
229	20.2	16.7	25.1

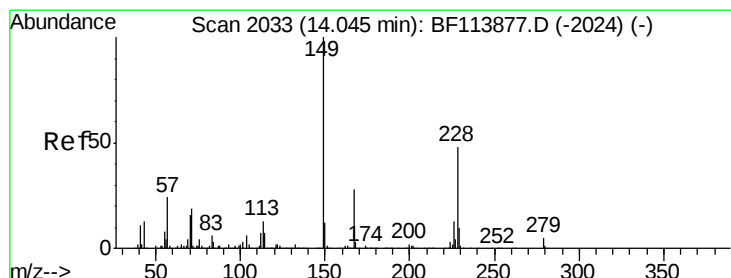
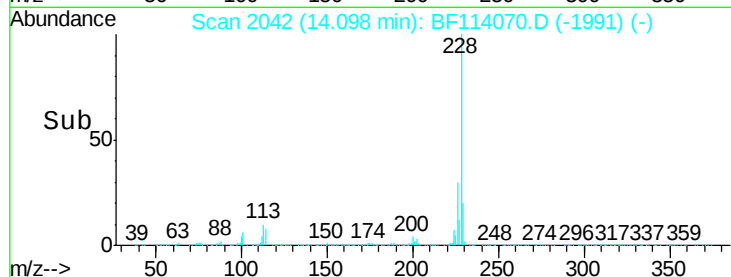
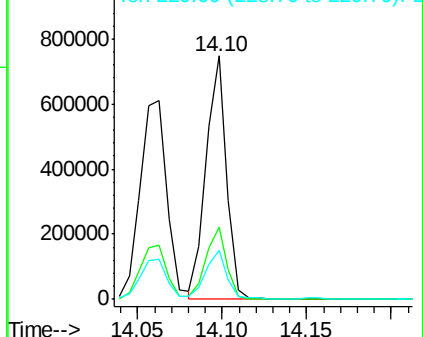


Abundance

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: 60.605 ng

RT: 14.04 min Scan# 2032

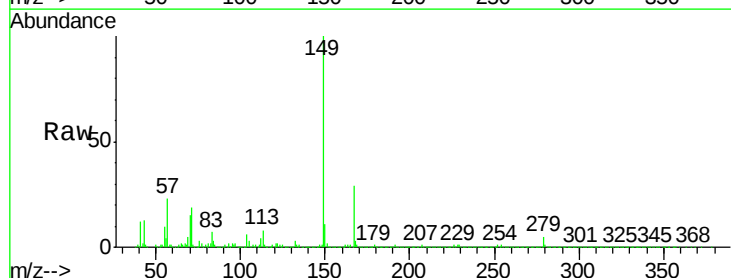
Delta R.T. -0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Tgt Ion:149 Resp: 498311

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.9	34.3
279	4.7	4.2	6.2

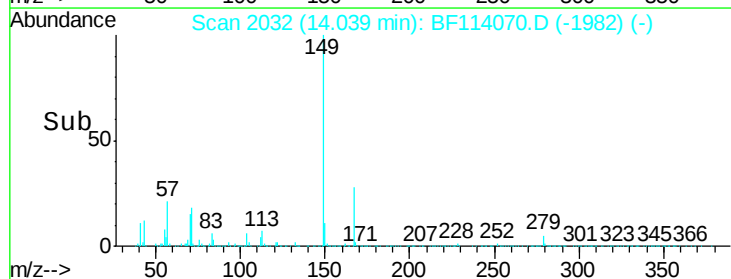
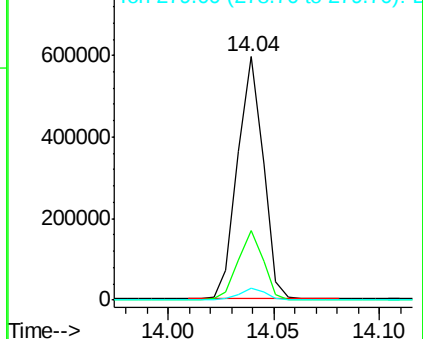


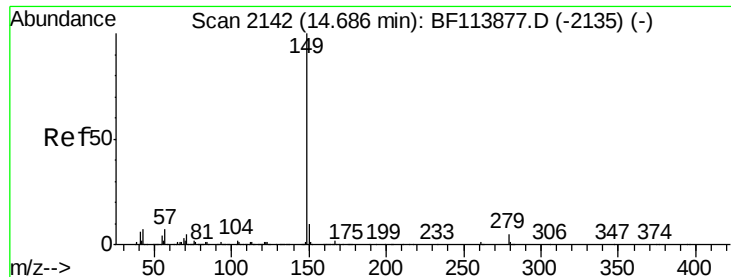
Abundance

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

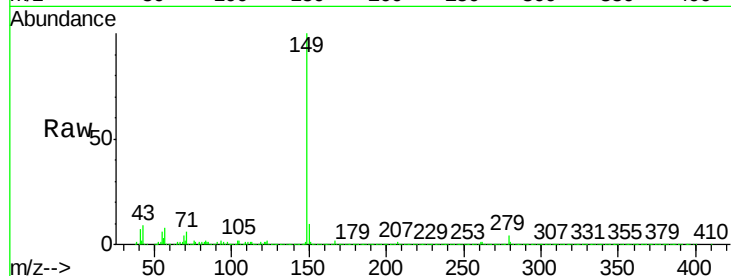




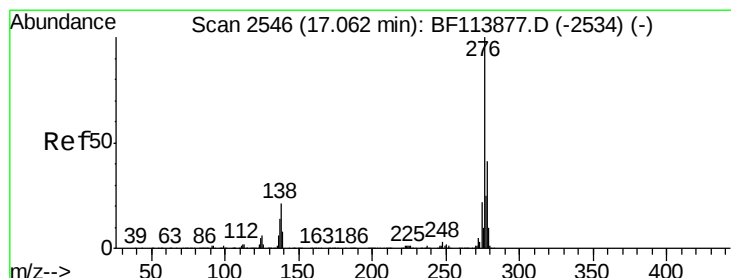
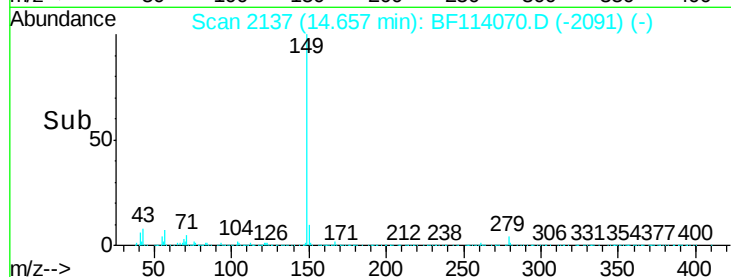
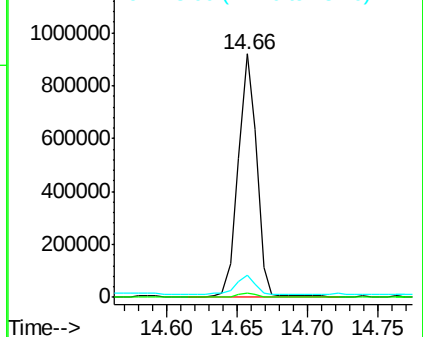
#85
Di-n-octyl phthalate
Concen: 63.881 ng
RT: 14.66 min Scan# 2137
Delta R.T. -0.03 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.5	6.6	10.0

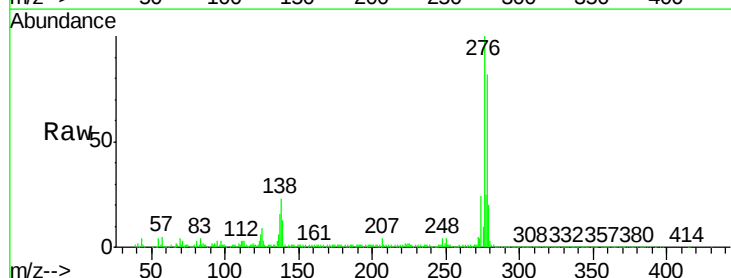


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

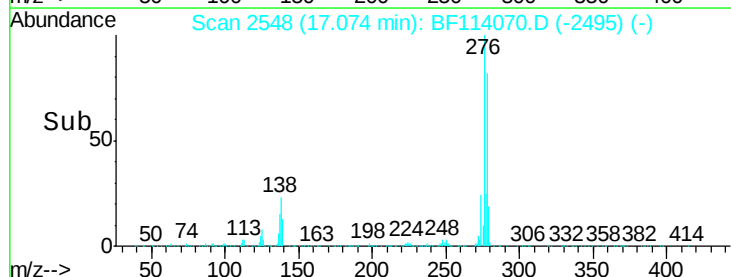
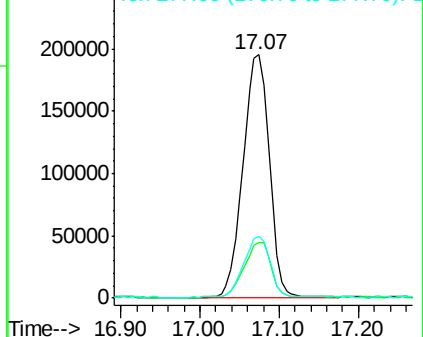


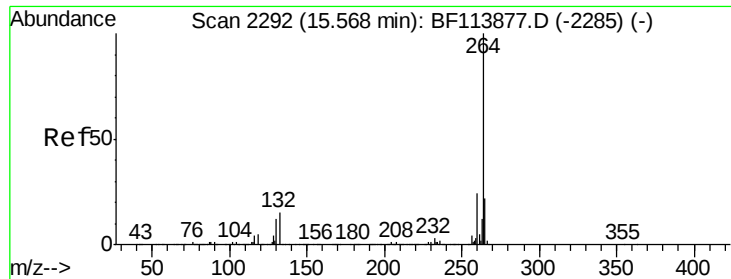
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.326 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.01 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	19.6	29.4
277	25.1	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

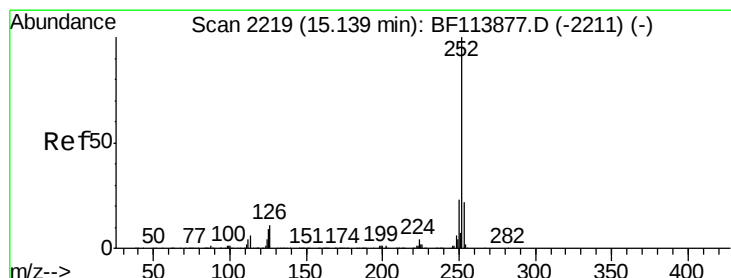
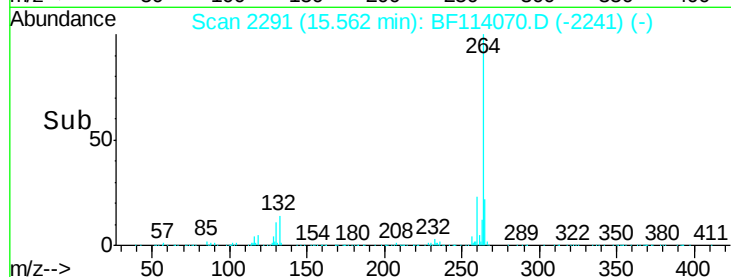
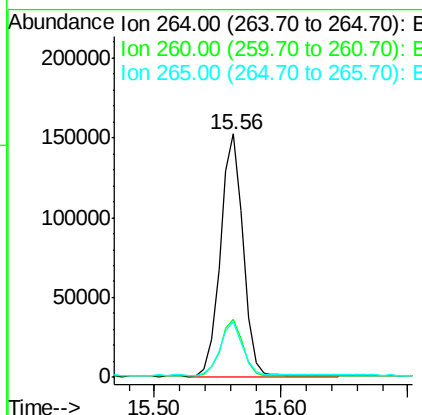
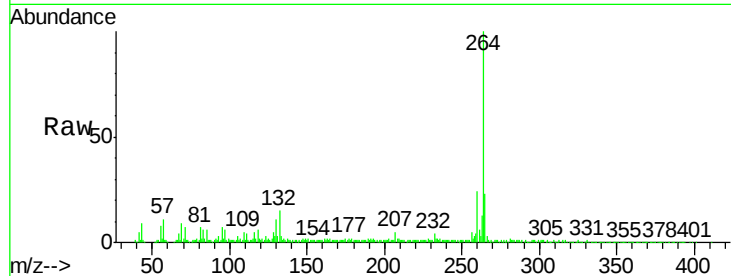




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

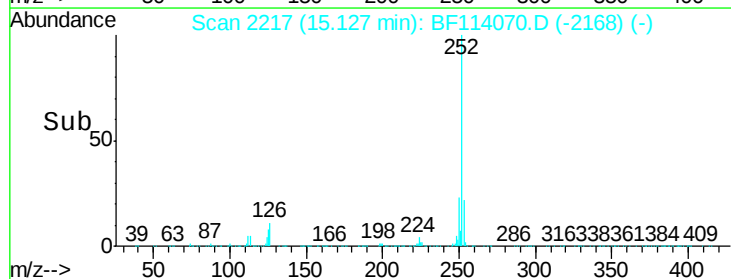
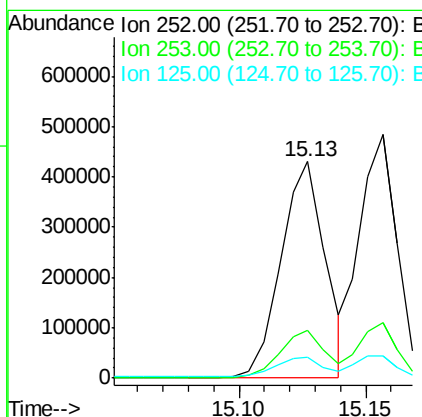
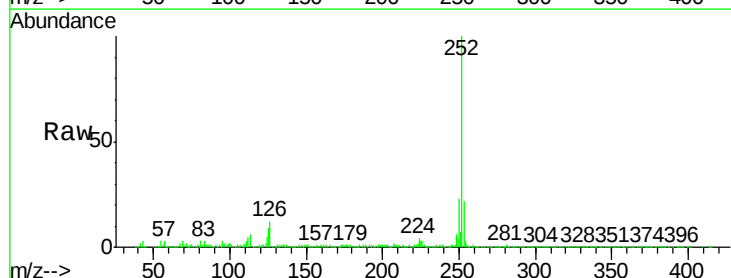
Instrument :
BNA_F
ClientSampleId :

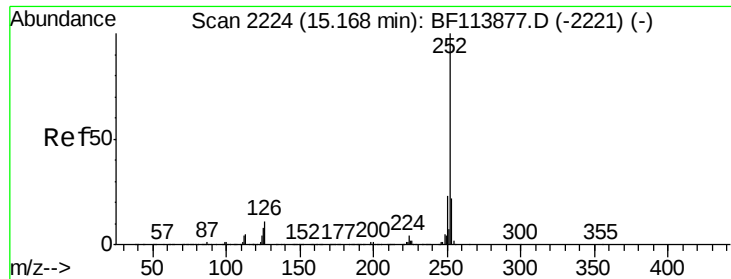
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	22.6	17.3	25.9



#88
Benzo(b)fluoranthene
Concen: 43.910 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	9.4	7.0	10.6

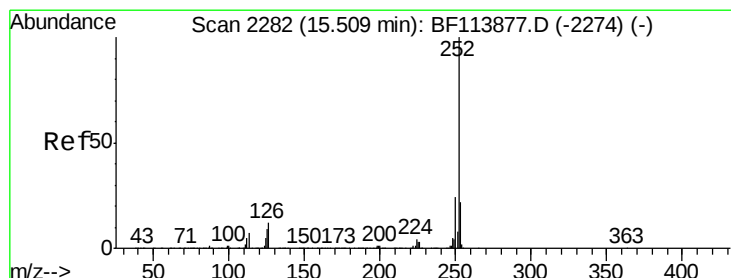
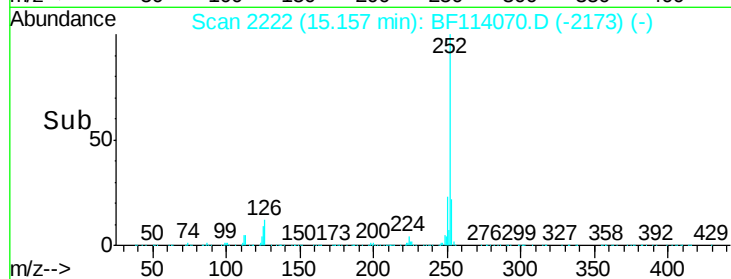
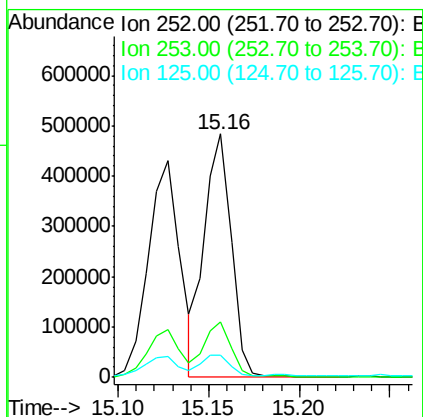
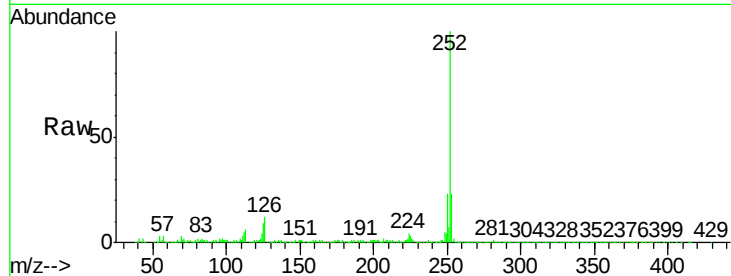




#89
Benzo(k)fluoranthene
Concen: 48.870 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

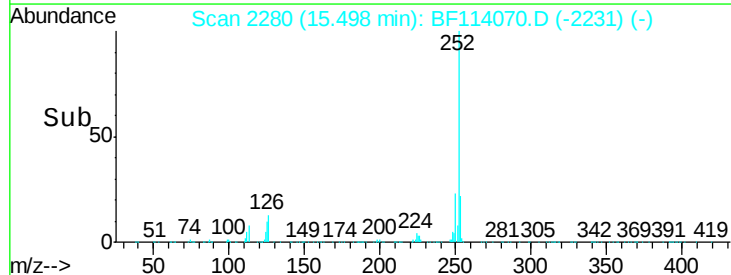
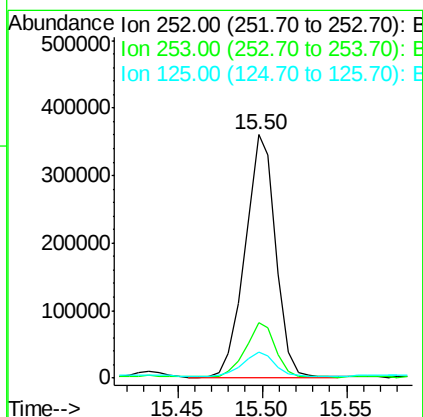
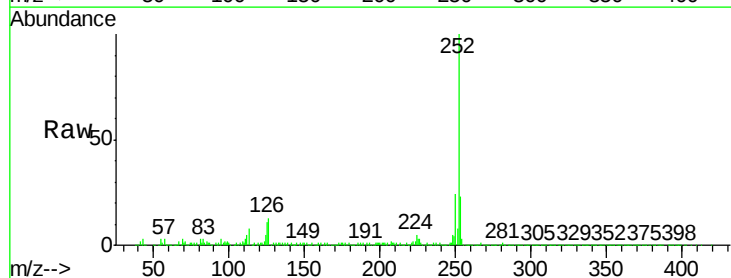
Instrument :
BNA_F
ClientSampleId :

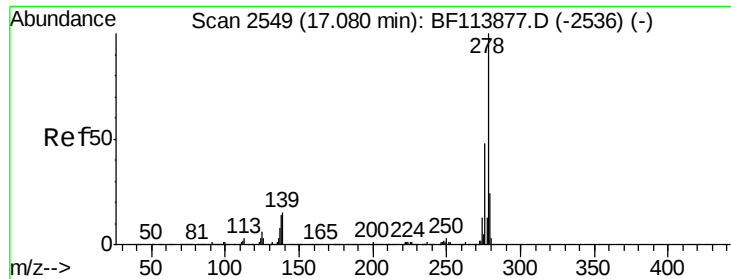
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	9.3	7.4	11.2



#90
Benzo(a)pyrene
Concen: 44.056 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF114070.D
Acq: 1 May 2019 15:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	10.7	8.5	12.7





#91

Dibenzo(a,h)anthracene

Concen: 40.413 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

Instrument :

BNA_F

ClientSampleId :

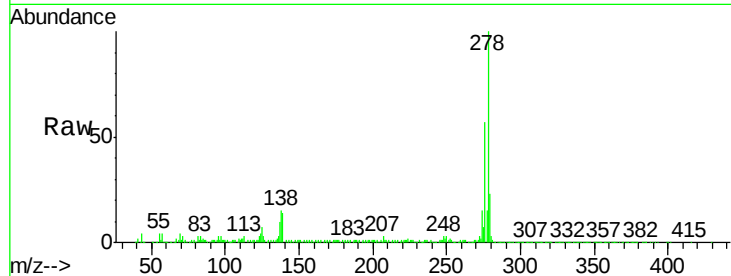
Tot Ion:278 Resp: 388664

Ion Ratio Lower Upper

278 100

139 14.2 11.6 17.4

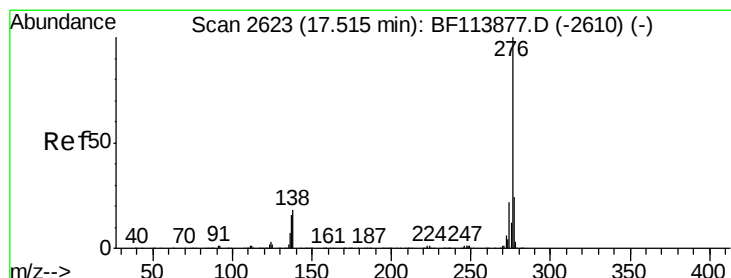
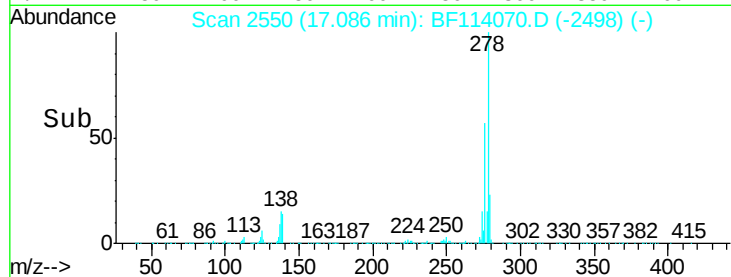
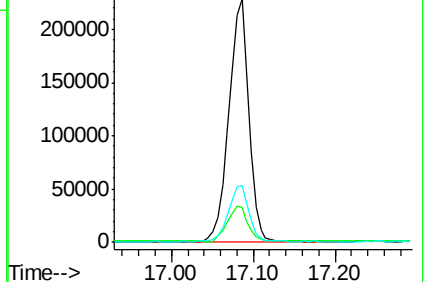
279 23.1 19.0 28.6



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: 37.603 ng

RT: 17.53 min Scan# 2625

Delta R.T. 0.01 min

Lab File: BF114070.D

Acq: 1 May 2019 15:40

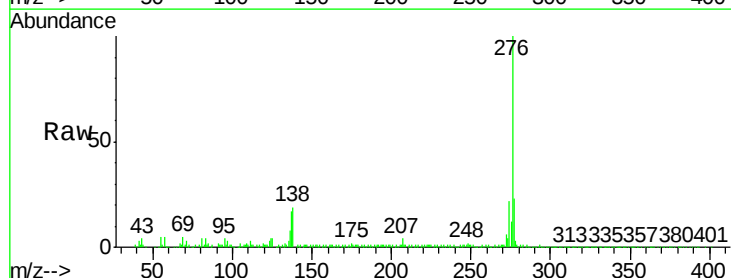
Tgt Ion:276 Resp: 364954

Ion Ratio Lower Upper

276 100

277 23.1 19.0 28.4

138 19.1 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

