

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113934.D
 Acq On : 23 Apr 2019 21:25
 Operator : JU/SJ
 Sample : K2204-04MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 02:07:08 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	124417	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	428924	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	188954	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	338606	20.00	ng	0.00
76) Chrysene-d12	14.06	240	342204	20.00	ng	0.00
87) Perylene-d12	15.54	264	314214	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	800379	110.03	ng	0.02
7) Phenol-d6	6.53	99	937463	102.72	ng	0.01
23) Nitrobenzene-d5	7.46	82	666915	96.00	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	293504	127.51	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1231617	101.94	ng	0.00
79) Terphenyl-d14	13.00	244	1412872	84.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.87	88	128581	37.498	ng	# 85
3) Pyridine	3.58	79	256752	27.431	ng	96
4) n-Nitrosodimethylamine	3.50	42	125528	39.179	ng	97
6) Aniline	6.56	93	257244	20.526	ng	99
8) 2-Chlorophenol	6.69	128	338646	40.776	ng	96
9) Benzaldehyde	6.45	77	58472	6.739	ng	95
10) Phenol	6.55	94	361848	33.157	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	348814	42.474	ng	98
12) 1,3-Dichlorobenzene	6.85	146	387367	41.183	ng	98
13) 1,4-Dichlorobenzene	6.92	146	391378	41.369	ng	99
14) 1,2-Dichlorobenzene	7.07	146	364669	41.942	ng	98
15) Benzyl Alcohol	7.04	79	268962	43.757	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	393140	41.009	ng	91
17) 2-Methylphenol	7.15	107	298433	40.994	ng	98
18) Hexachloroethane	7.42	117	124263	37.469	ng	97
19) n-Nitroso-di-n-propylamine	7.31	70	243878	41.264	ng	99
20) 3+4-Methylphenols	7.30	107	329884	40.107	ng	# 82
22) Acetophenone	7.30	105	483031	50.606	ng	# 93
24) Nitrobenzene	7.47	77	375579	48.929	ng	98
25) Isophorone	7.72	82	657910	46.285	ng	99
26) 2-Nitrophenol	7.79	139	173238	49.471	ng	95
27) 2,4-Dimethylphenol	7.83	122	293963	51.524	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	423782	46.787	ng	100
29) 2,4-Dichlorophenol	8.04	162	298176	45.703	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	335577	46.130	ng	100
31) Naphthalene	8.20	128	964342	47.327	ng	99
32) Benzoic acid	7.94	122	134890	35.010	ng	98
33) 4-Chloroaniline	8.25	127	125365	14.540	ng	96
34) Hexachlorobutadiene	8.32	225	208242	45.920	ng	99
35) Caprolactam	8.60	113	59544	28.690	ng	90
36) 4-Chloro-3-methylphenol	8.73	107	272962	42.230	ng	100
37) 2-Methylnaphthalene	8.89	142	625914	45.552	ng	98
38) 1-Methylnaphthalene	8.99	142	592367	44.667	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	320108	52.153	ng	99

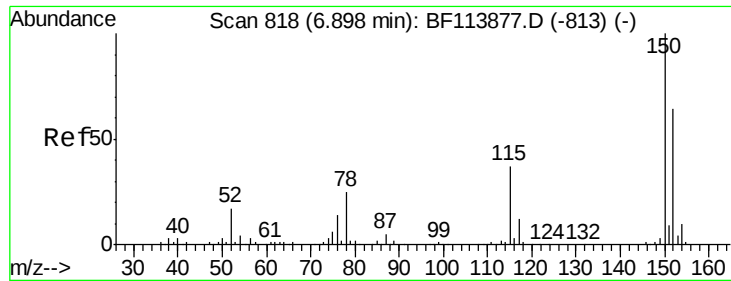
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	125027	36.529	ng	98
43) 2,4,6-Trichlorophenol	9.17	196	205241	52.660	ng	100
44) 2,4,5-Trichlorophenol	9.22	196	219557	50.223	ng	97
46) 1,1'-Biphenyl	9.36	154	758258	52.530	ng	99
47) 2-Chloronaphthalene	9.38	162	590752	50.326	ng	97
48) 2-Nitroaniline	9.47	65	161896	52.611	ng	96
49) Acenaphthylene	9.80	152	877424	47.746	ng	99
50) Dimethylphthalate	9.65	163	713719	52.228	ng	99
51) 2,6-Dinitrotoluene	9.71	165	146835	50.084	ng	92
52) Acenaphthene	9.97	154	527071	48.531	ng	98
53) 3-Nitroaniline	9.87	138	106779	34.660	ng	97
54) 2,4-Dinitrophenol	9.99	184	46431	41.118	ng	# 3
55) Dibenzofuran	10.14	168	781783	48.056	ng	99
56) 4-Nitrophenol	10.04	139	196360	80.500	ng	95
57) 2,4-Dinitrotoluene	10.12	165	181864	49.146	ng	96
58) Fluorene	10.49	166	566587	46.260	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	175813	45.764	ng	100
60) Diethylphthalate	10.35	149	643830	49.613	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	312153	48.124	ng	98
62) 4-Nitroaniline	10.49	138	133175	44.297	ng	96
63) Azobenzene	10.63	77	560484	44.564	ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	34260	26.022	ng	94
66) n-Nitrosodiphenylamine	10.59	169	513668	50.558	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	194611	47.576	ng	97
68) Hexachlorobenzene	11.03	284	208681	46.425	ng	97
69) Atrazine	11.12	200	157765	47.734	ng	98
70) Pentachlorophenol	11.23	266	250447	98.406	ng	98
71) Phenanthrene	11.45	178	845009	49.657	ng	99
72) Anthracene	11.50	178	883870	51.435	ng	99
73) Carbazole	11.65	167	783585	51.112	ng	99
74) Di-n-butylphthalate	11.97	149	923090	51.186	ng	99
75) Fluoranthene	12.63	202	1001607	53.949	ng	98
77) Benzidine	12.75	184	128121	12.566	ng	96
78) Pyrene	12.86	202	1024491	42.810	ng	98
80) Butylbenzylphthalate	13.47	149	438038	46.523	ng	96
81) Benzo(a)anthracene	14.05	228	1027224	50.949	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	396580	53.665	ng	98
83) Chrysene	14.09	228	1017572	51.822	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	616979	51.503	ng	98
85) Di-n-octyl phthalate	14.66	149	1111239	59.264	ng	98
86) Indeno(1,2,3-cd)pyrene	17.04	276	784555	42.181	ng	98
88) Benzo(b)fluoranthene	15.11	252	1011957	50.903	ng	99
89) Benzo(k)fluoranthene	15.14	252	913452	53.417	ng	98
90) Benzo(a)pyrene	15.49	252	865988	50.362	ng	99
91) Dibenzo(a,h)anthracene	17.05	278	677439	41.969	ng	100
92) Benzo(g,h,i)perylene	17.49	276	627300	38.509	ng	98

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

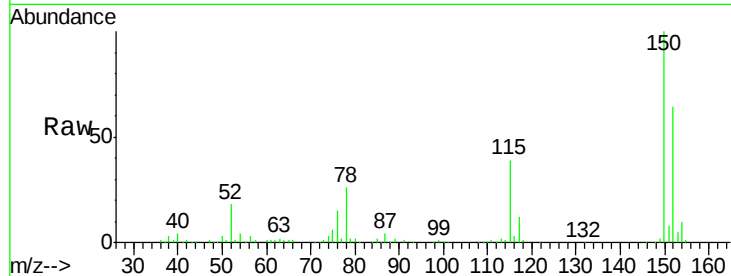


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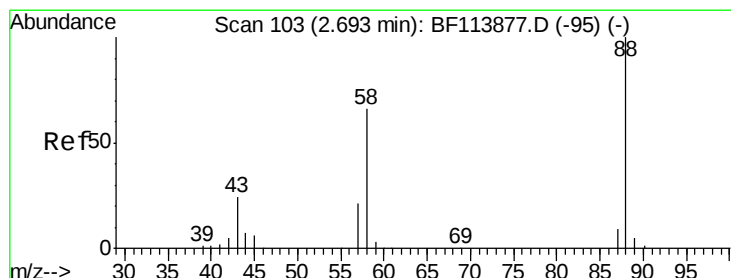
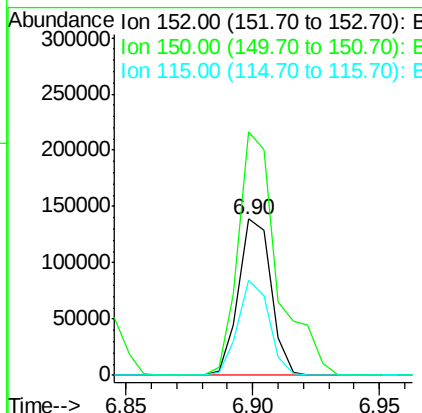
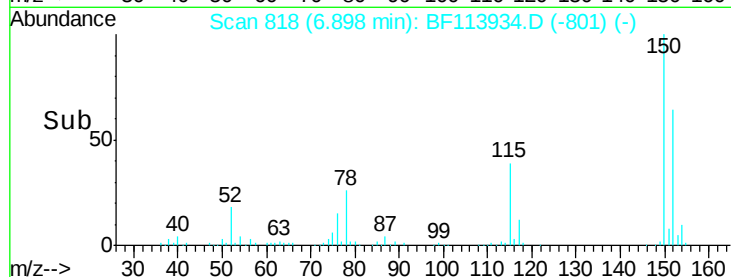
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 124417
Ion Ratio Lower Upper
152 100
150 156.1 125.9 188.9
115 61.2 45.9 68.9



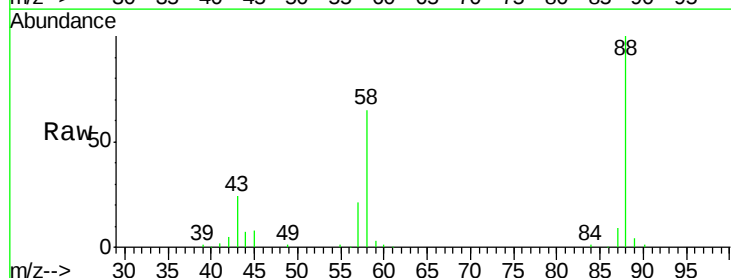
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



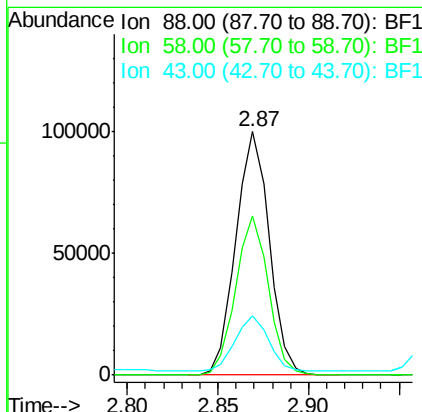
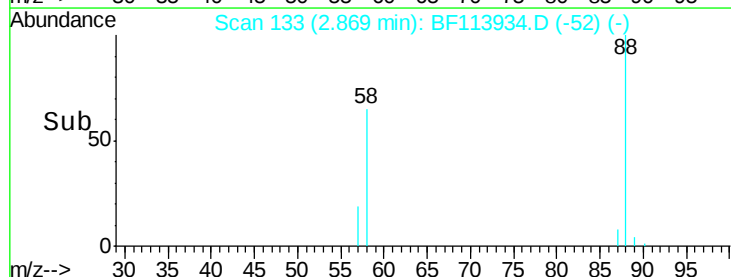
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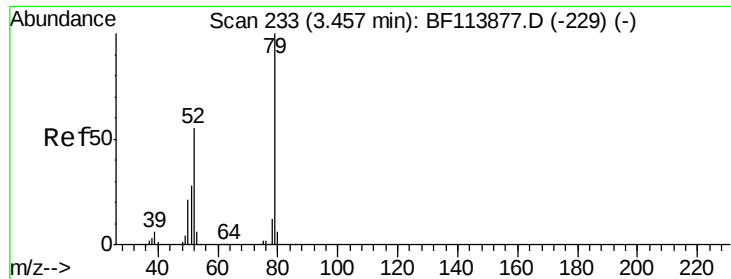
1,4-Dioxane
Concen: 37.498 ng
RT: 2.87 min Scan# 133
Delta R.T. 0.18 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion: 88 Resp: 128581
Ion Ratio Lower Upper
88 100
58 63.8 53.3 79.9
43 0.0 19.0 28.4#



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

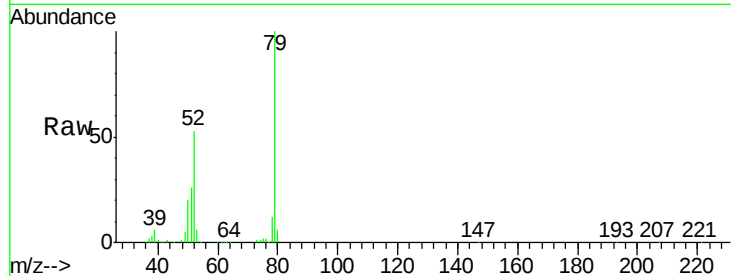




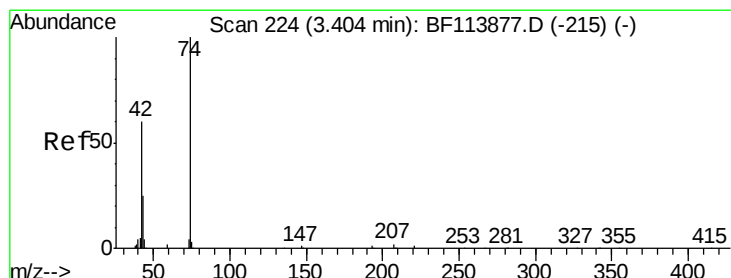
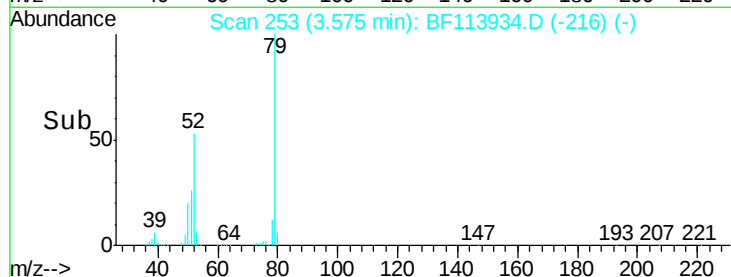
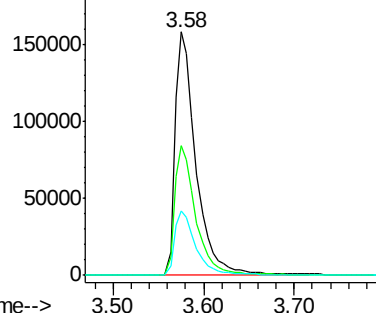
#3
 Pvridine
 Concen: 27.431 ng
 RT: 3.58 min Scan# 253
 Delta R.T. 0.12 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 256752
 Ion Ratio Lower Upper
 79 100
 52 53.5 45.3 67.9
 51 26.3 22.1 33.1

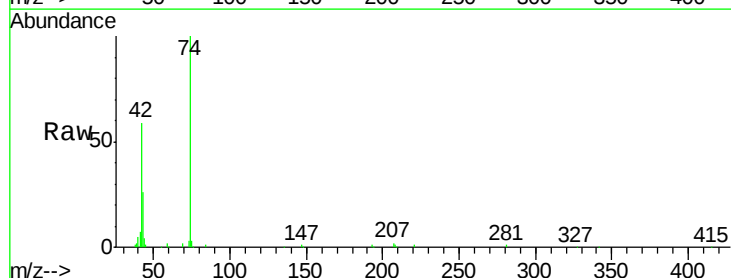


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

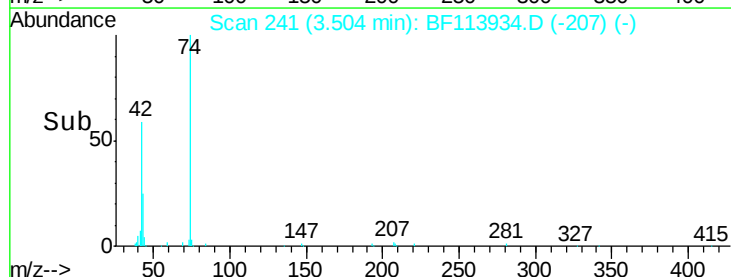
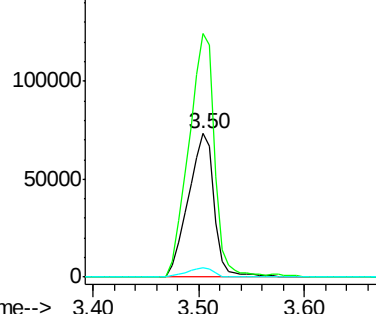


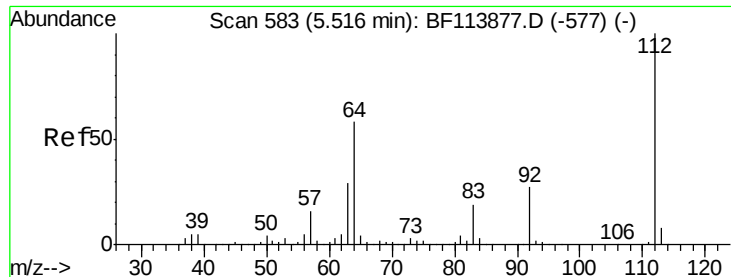
#4
 n-Nitrosodimethylamine
 Concen: 39.179 ng
 RT: 3.50 min Scan# 241
 Delta R.T. 0.10 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Tgt Ion: 42 Resp: 125528
 Ion Ratio Lower Upper
 42 100
 74 169.8 132.6 198.8
 44 6.3 5.8 8.8



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





#5

2-Fluorophenol

Concen: 110.028 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.02 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

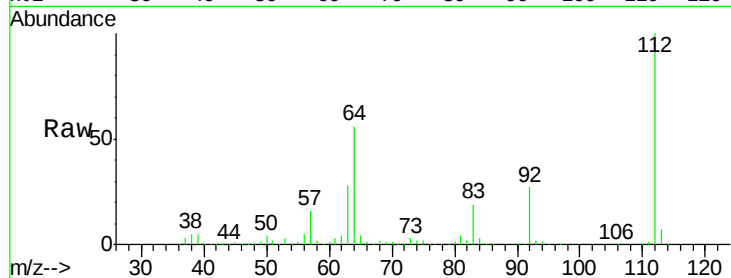
Tot Ion: 112 Resp: 800379

Ion Ratio Lower Upper

112 100

64 56.1 46.6 69.8

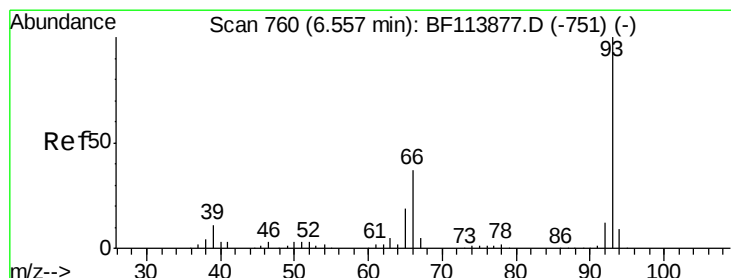
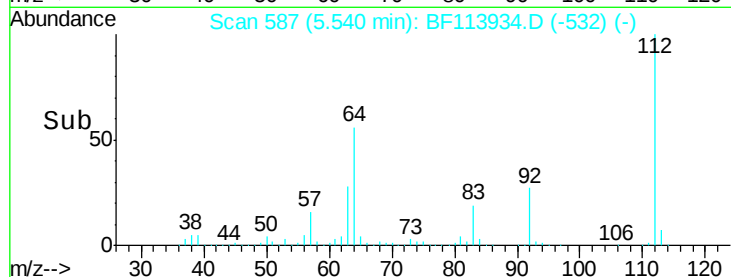
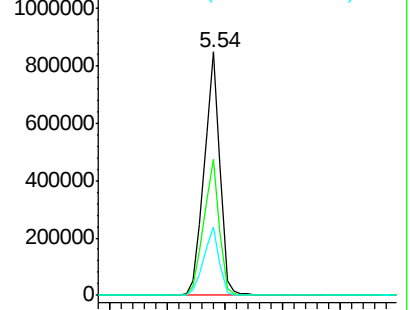
63 28.0 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.526 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

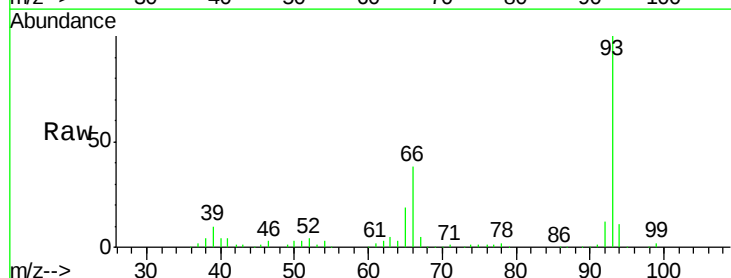
Tgt Ion: 93 Resp: 257244

Ion Ratio Lower Upper

93 100

66 37.9 29.8 44.6

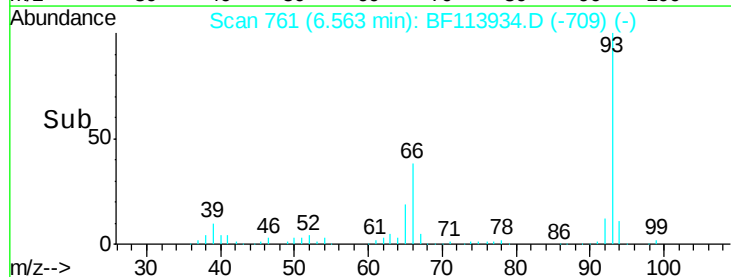
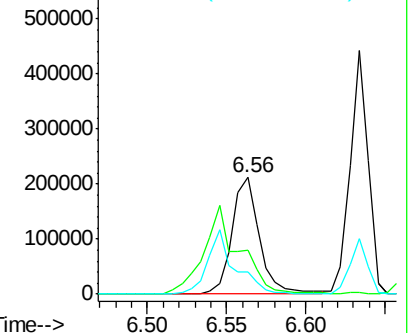
65 18.9 14.9 22.3

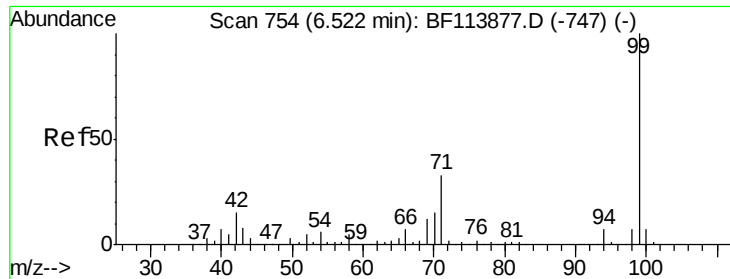


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 102.719 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

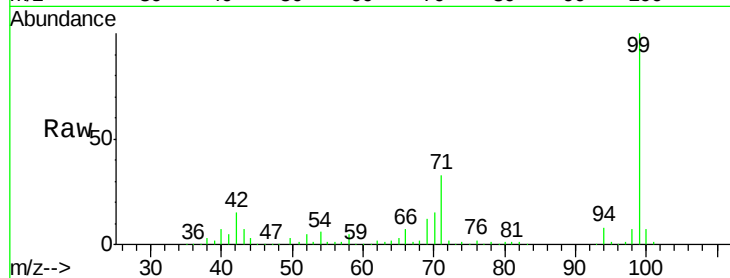
Tot Ion: 99 Resp: 937463

Ion Ratio Lower Upper

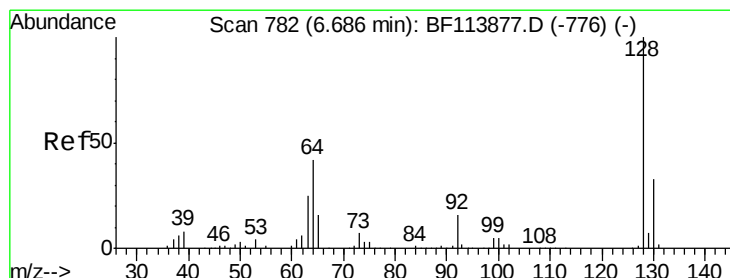
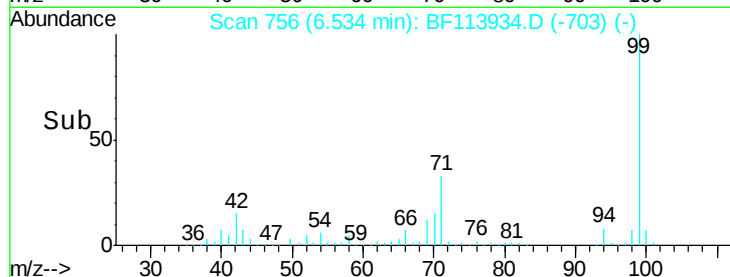
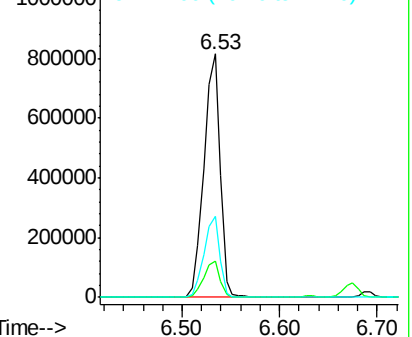
99 100

42 14.7 12.5 18.7

71 33.3 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: 40.776 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

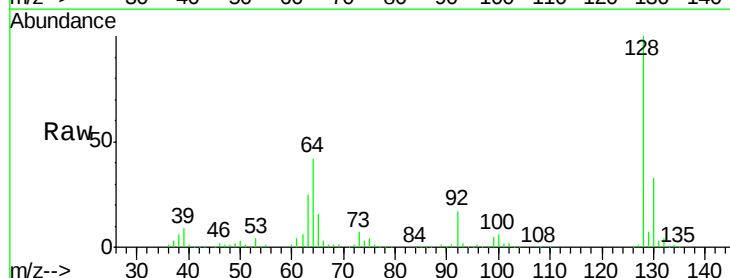
Tgt Ion: 128 Resp: 338646

Ion Ratio Lower Upper

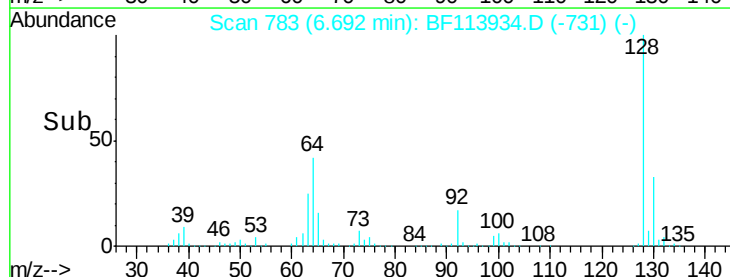
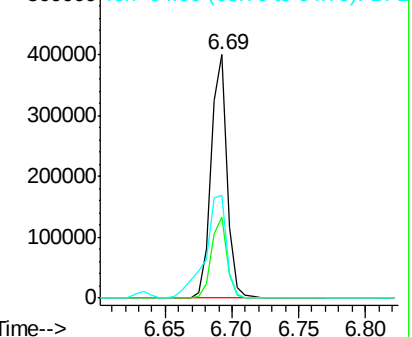
128 100

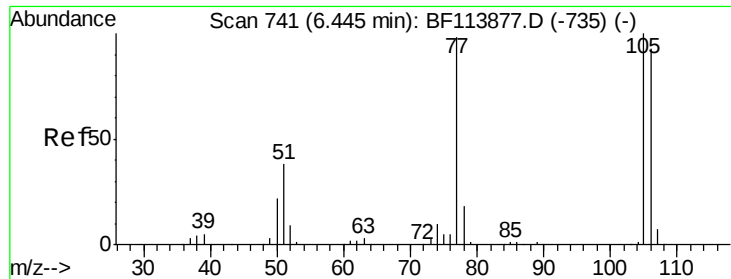
130 33.2 12.3 52.3

64 42.0 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

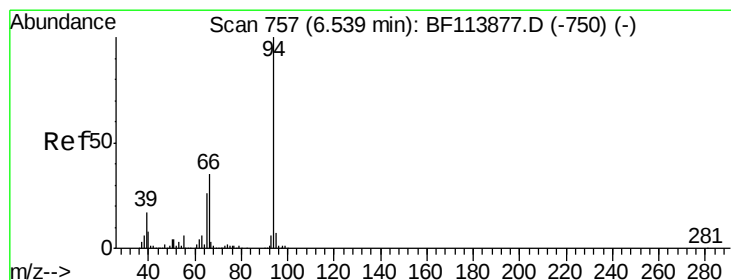
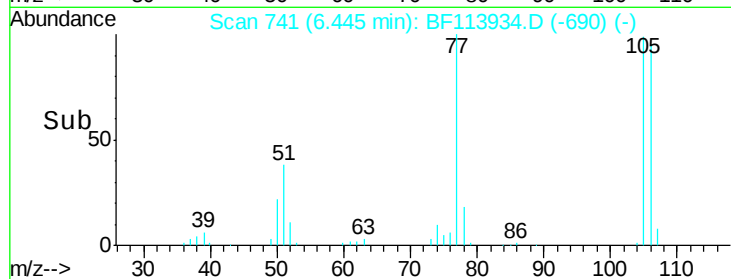
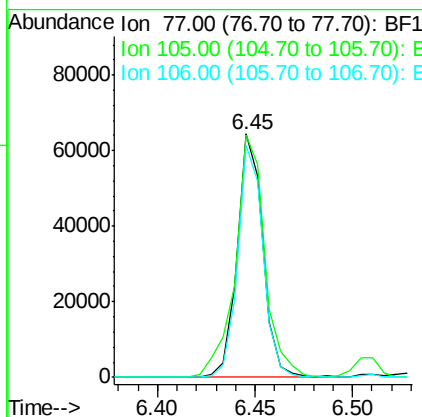
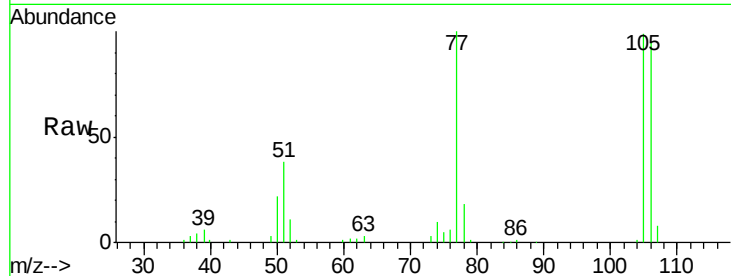




#9
Benzaldehyde
Concen: 6.739 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

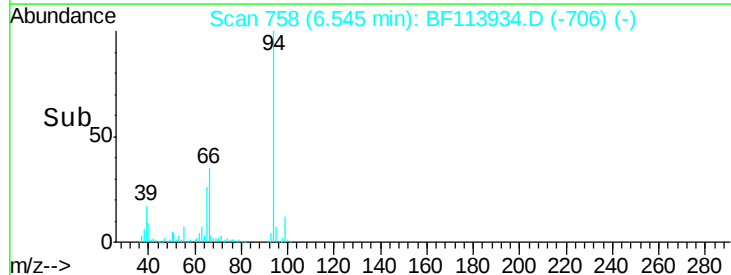
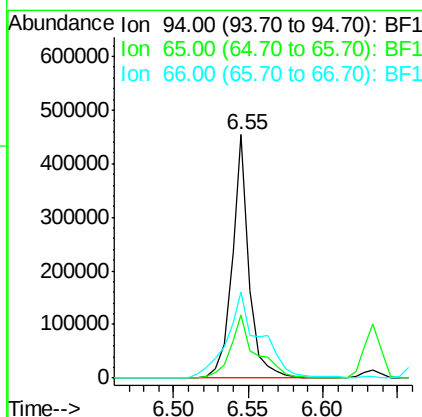
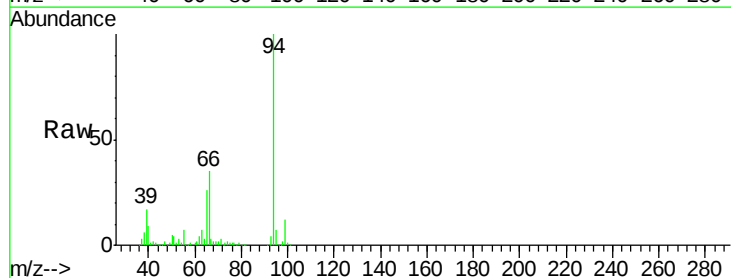
Instrument :
BNA_F
ClientSampleId :

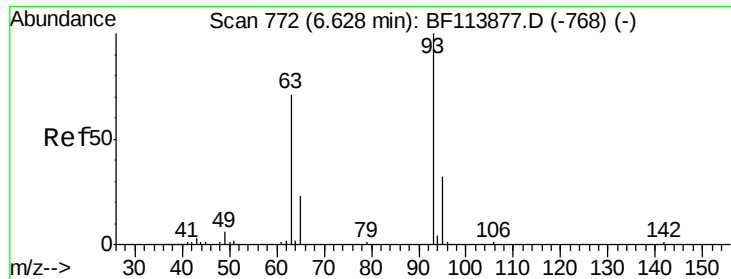
Tot Ion: 77 Resp: 58472
Ion Ratio Lower Upper
77 100
105 99.3 74.1 114.1
106 95.5 70.3 110.3



#10
Phenol
Concen: 33.157 ng
RT: 6.55 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion: 94 Resp: 361848
Ion Ratio Lower Upper
94 100
65 25.8 8.1 48.1
66 35.3 16.6 56.6



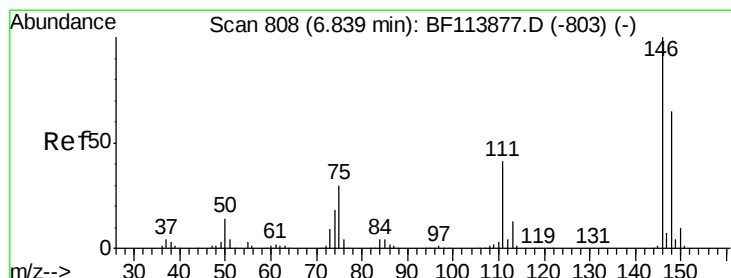
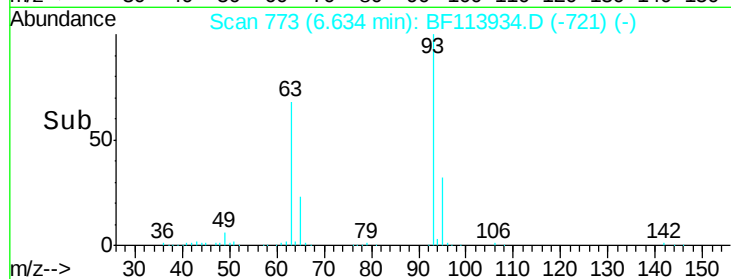
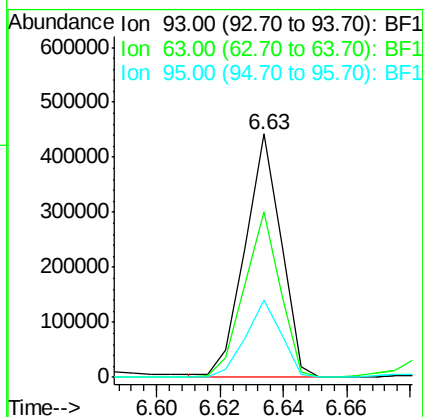
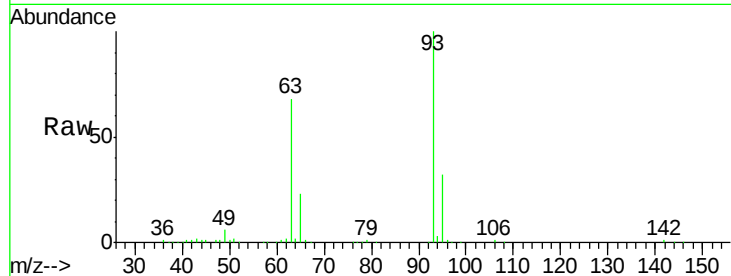


#11
 bis(2-Chloroethyl)ether
 Concen: 42.474 ng
 RT: 6.63 min Scan# 773
 Delta R.T. 0.01 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 348814

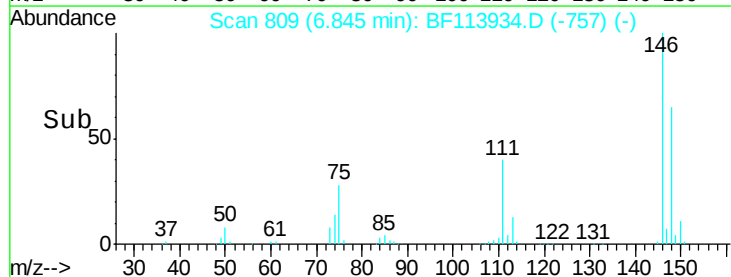
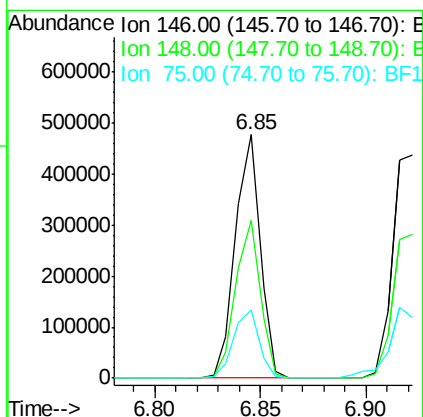
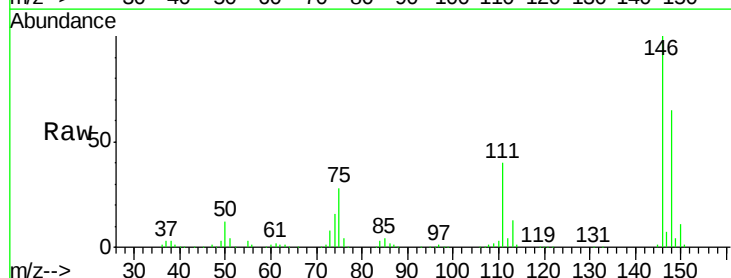
Ion	Ratio	Lower	Upper
93	100		
63	68.2	50.7	90.7
95	32.0	12.3	52.3

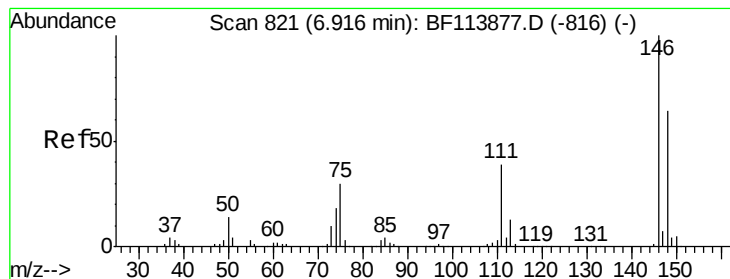


#12
 1,3-Dichlorobenzene
 Concen: 41.183 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Tgt Ion: 146 Resp: 387367

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.0	76.6
75	28.2	23.8	35.8





#13

1,4-Dichlorobenzene

Concen: 41.369 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampled :

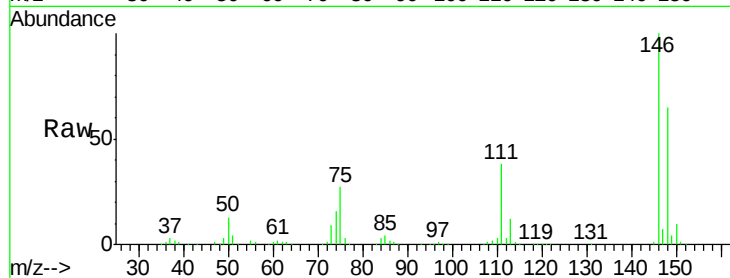
Tot Ion:146 Resp: 391378

Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

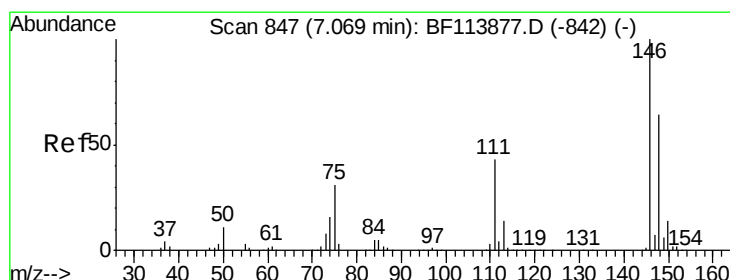
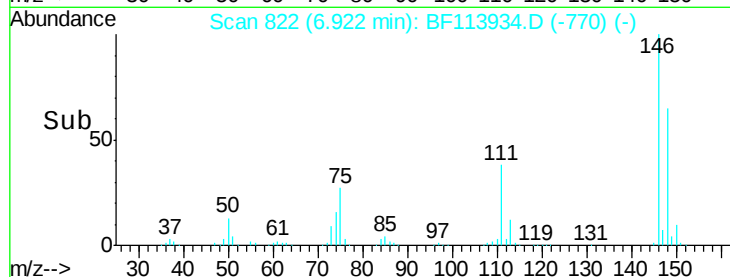
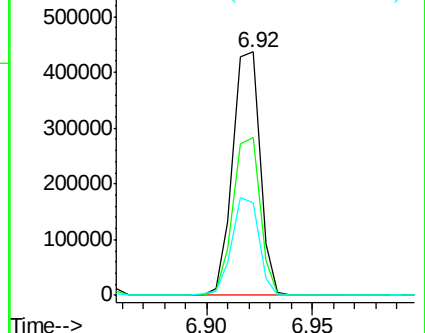
111 37.8 30.9 46.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.942 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

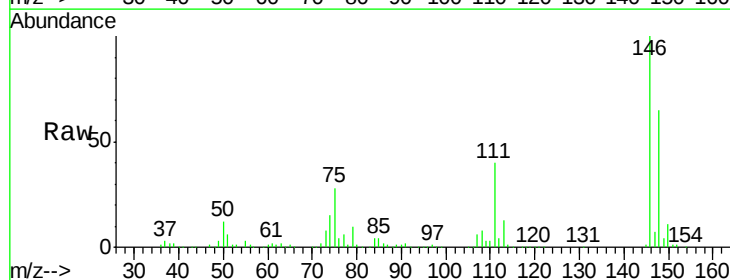
Tgt Ion:146 Resp: 364669

Ion Ratio Lower Upper

146 100

148 65.0 52.1 78.1

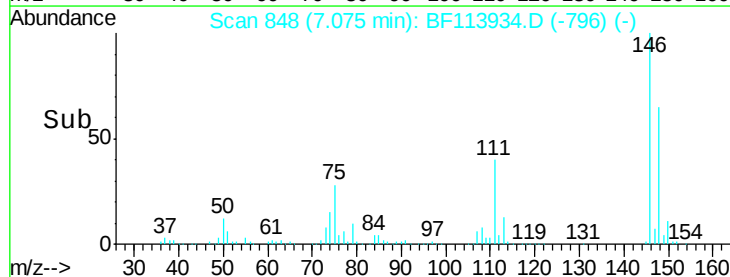
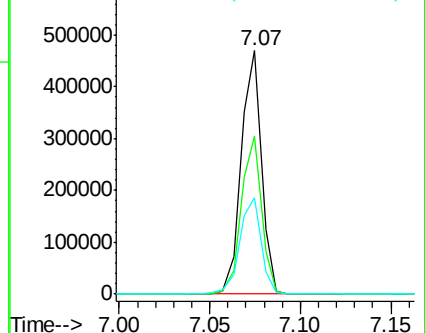
111 39.5 34.2 51.4

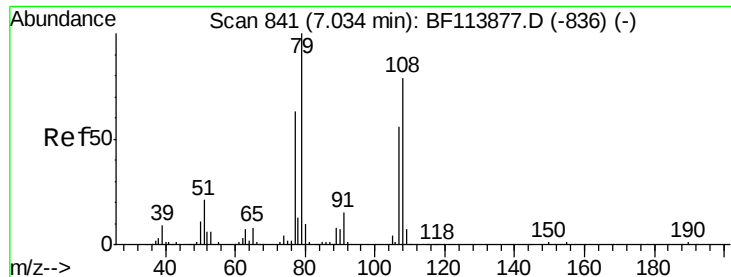


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.757 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

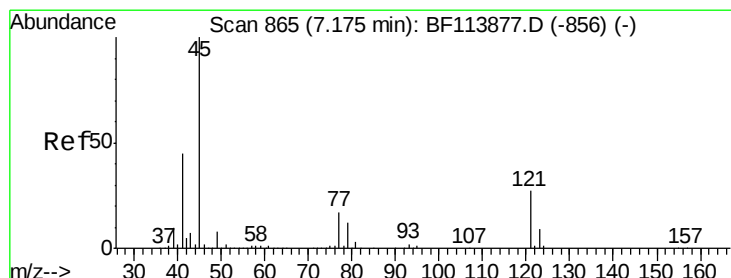
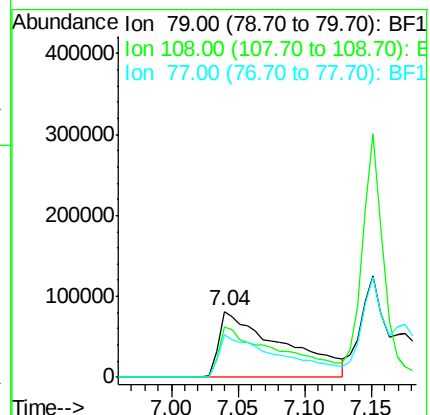
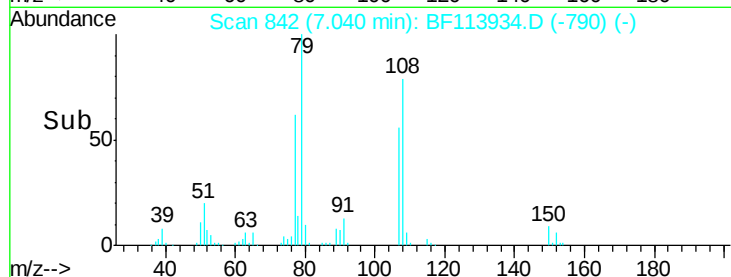
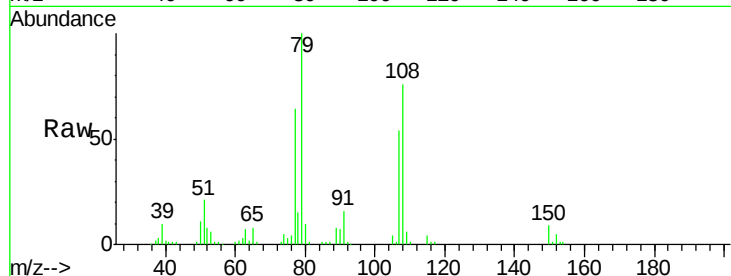
Tot Ion: 79 Resp: 268962

Ion Ratio Lower Upper

79 100

108 76.5 61.4 92.0

77 64.4 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.009 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

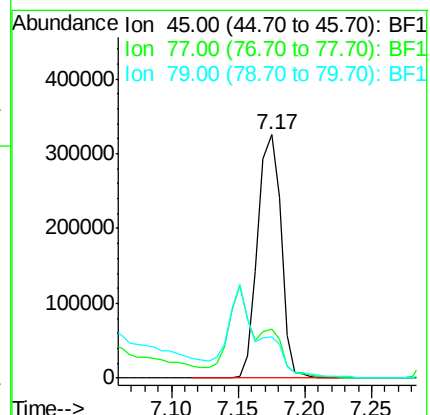
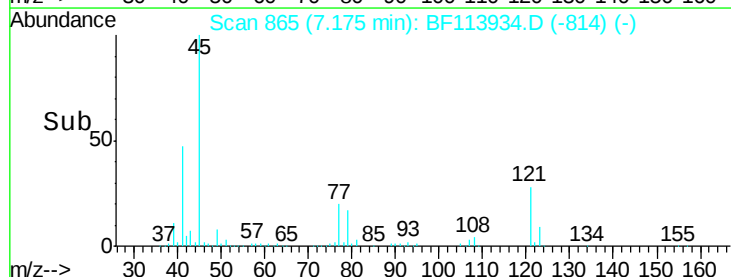
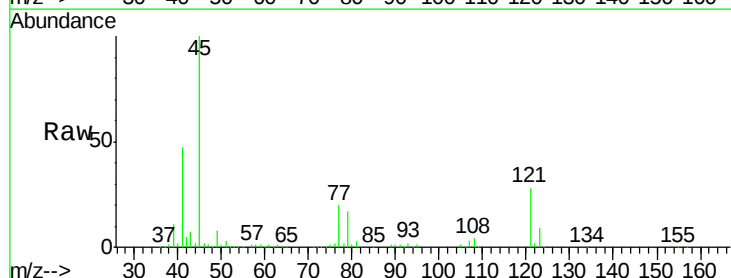
Tgt Ion: 45 Resp: 393140

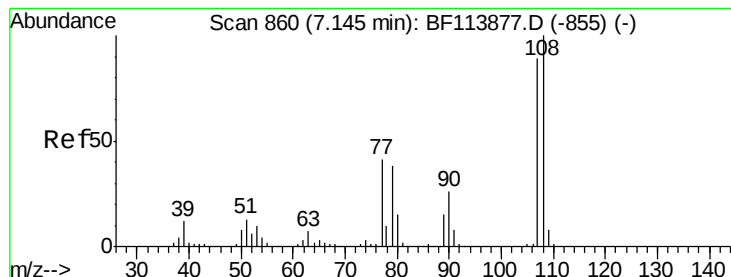
Ion Ratio Lower Upper

45 100

77 20.2 0.0 37.0

79 16.9 0.0 32.7

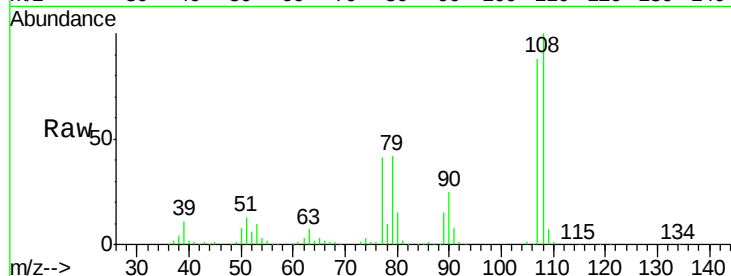




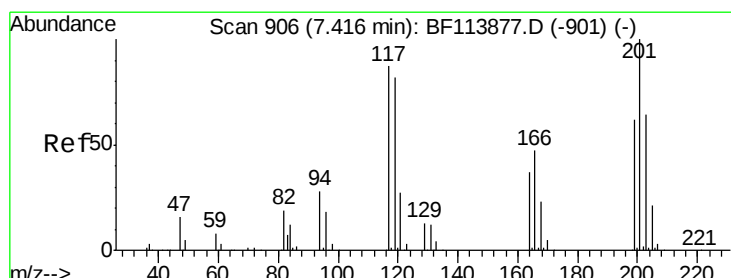
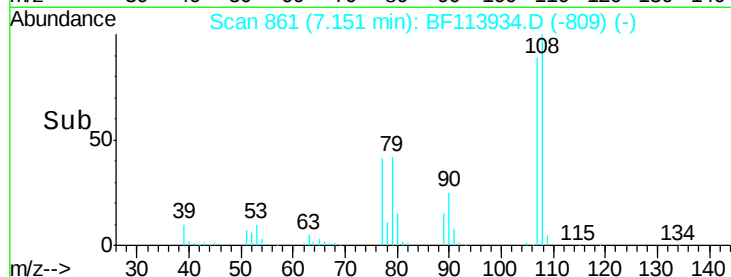
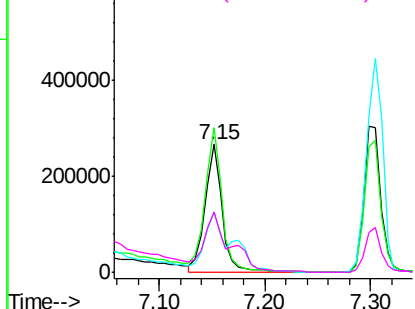
#17
2-Methylphenol
Concen: 40.994 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 298433
Ion Ratio Lower Upper
107 100
108 113.1 91.5 137.3
77 46.7 36.2 54.4
79 47.3 35.4 53.0

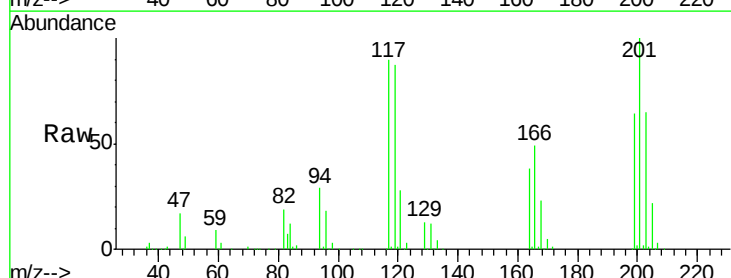


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

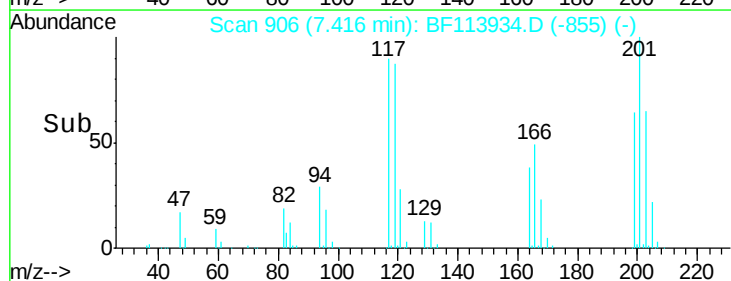
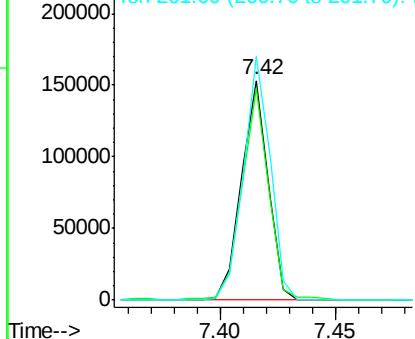


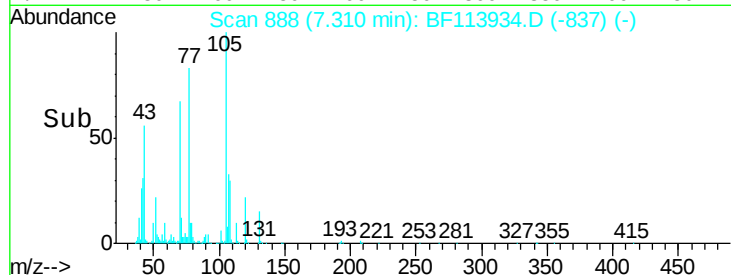
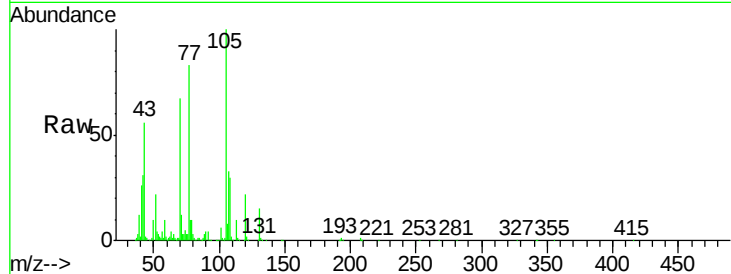
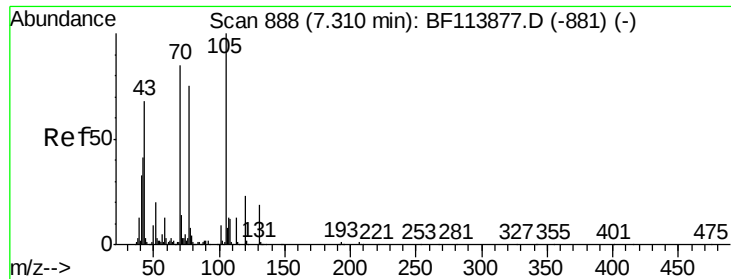
#18
Hexachloroethane
Concen: 37.469 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion:117 Resp: 124263
Ion Ratio Lower Upper
117 100
119 96.2 74.4 111.6
201 110.8 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

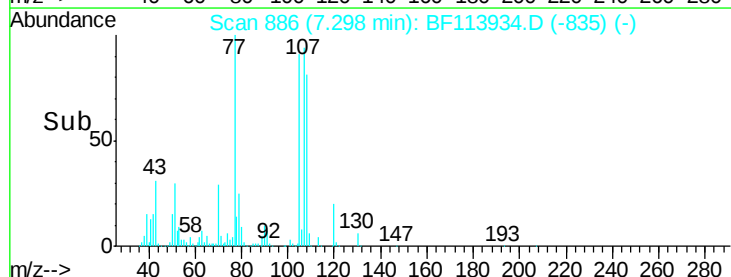
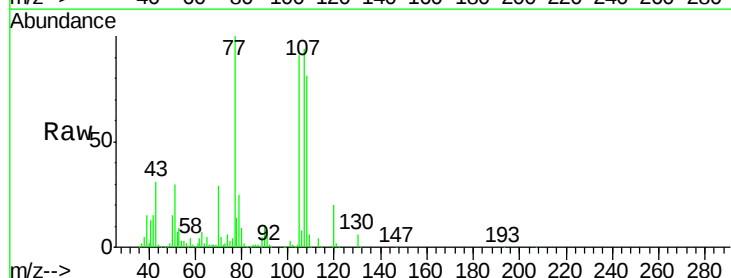
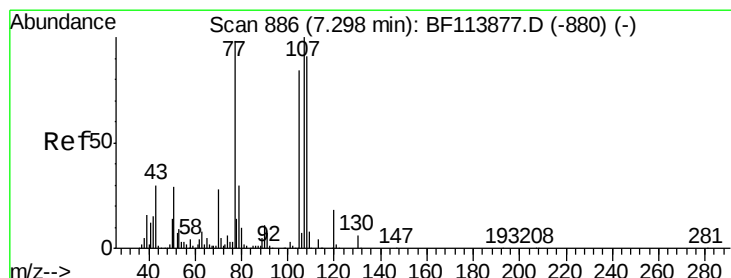
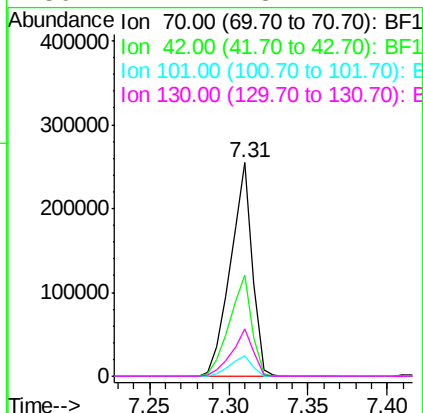




#19
n-Nitroso-di-n-propylamine
Concen: 41.264 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

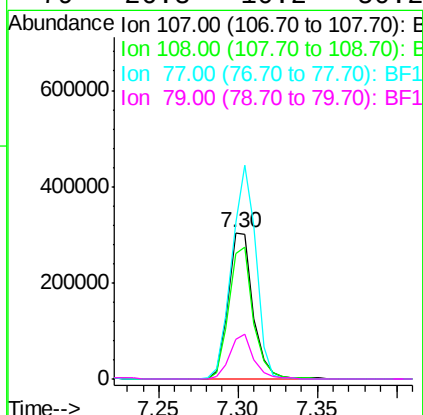
Instrument :
BNA_F
ClientSampleId :

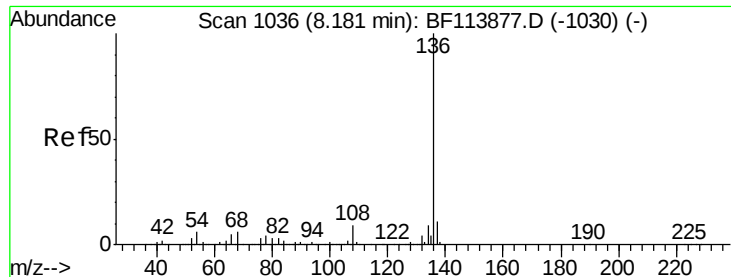
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.2	37.3	55.9	
101	9.7	7.8	11.8	
130	22.2	18.2	27.2	



#20
3+4-Methylphenols
Concen: 40.107 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.1	70.1	110.1	
77	106.7	52.9	92.9	
79	26.8	10.2	50.2	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 428924

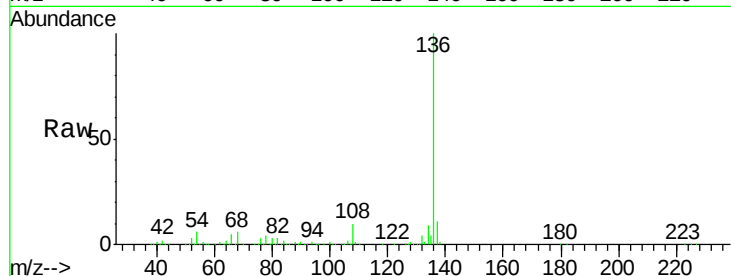
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 6.1 5.0 7.6

68 6.3 4.9 7.3

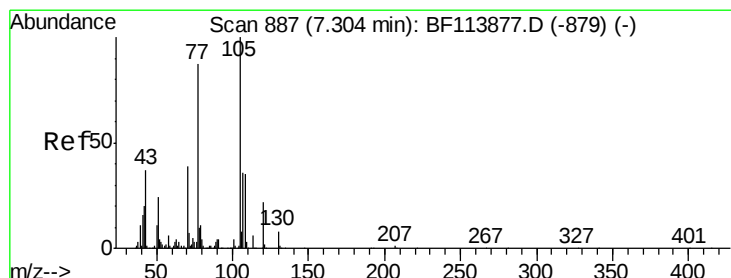
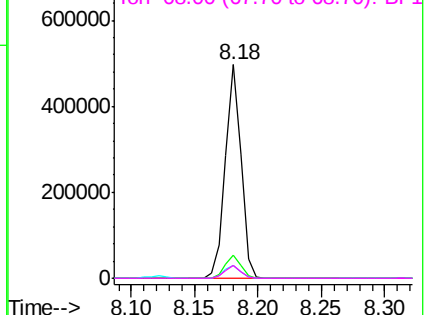
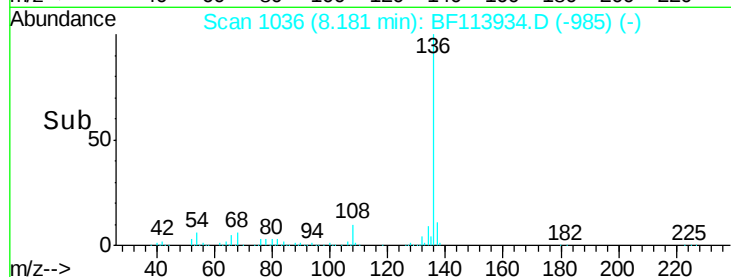


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.606 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Tgt Ion:105 Resp: 483031

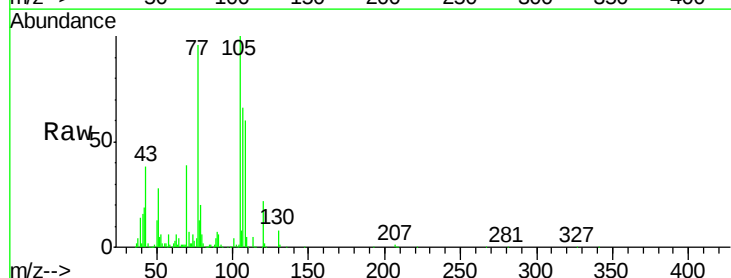
Ion Ratio Lower Upper

105 100

71 6.6 6.1 9.1

51 27.8 16.8 25.2#

120 21.7 17.6 26.4

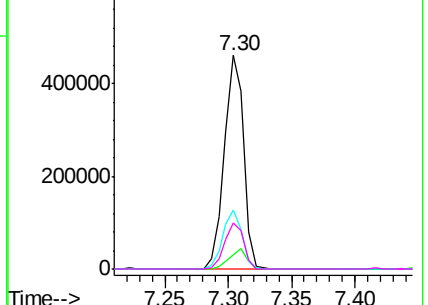
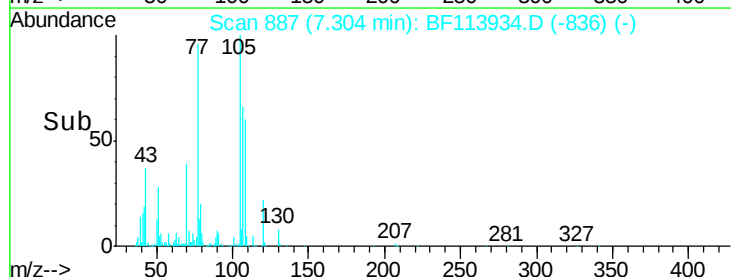


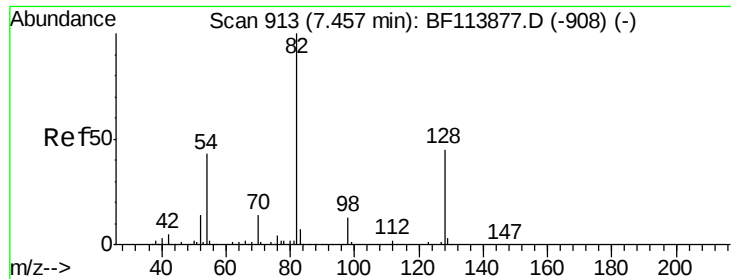
Abundance Ion 105.00 (104.70 to 105.70): E

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

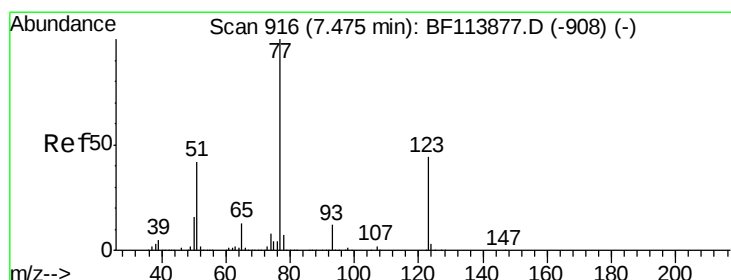
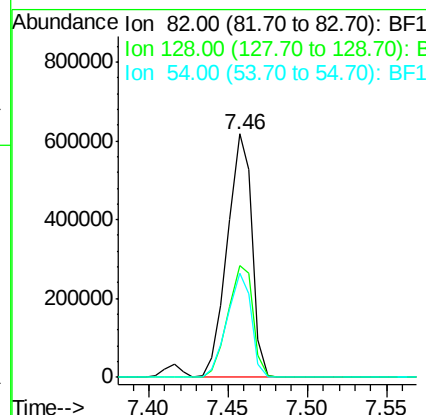
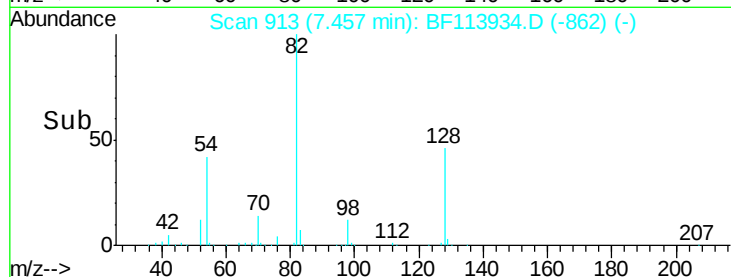
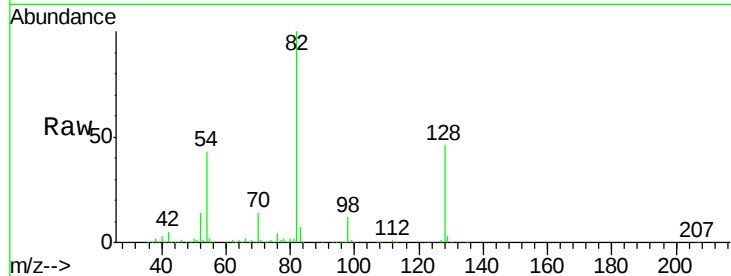




#23
 Nitrobenzene-d5
 Concen: 96.003 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

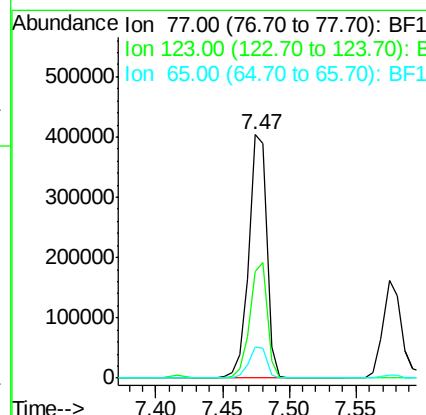
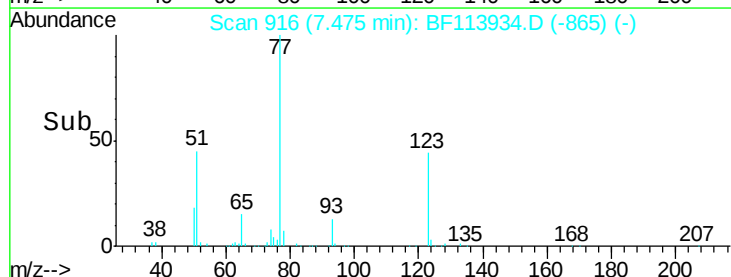
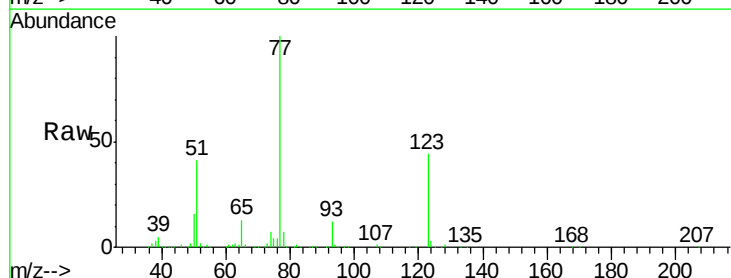
Instrument :
 BNA_F
 ClientSampleId :

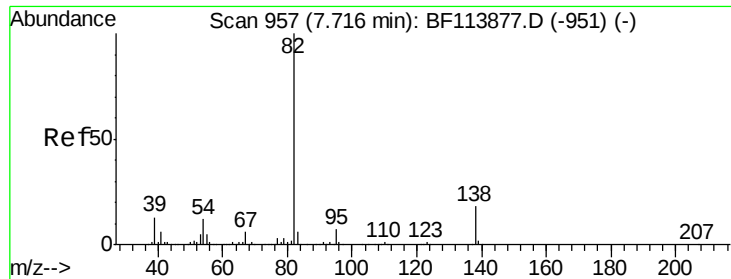
Tot Ion	82	Resp	666915
Ion Ratio	100	Lower	Upper
128	45.9	36.8	55.2
54	42.6	33.8	50.6



#24
 Nitrobenzene
 Concen: 48.929 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Tgt Ion	77	Resp	375579
Ion Ratio	100	Lower	Upper
123	43.6	36.3	54.5
65	12.7	10.3	15.5





#25

Isophorone

Concen: 46.285 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

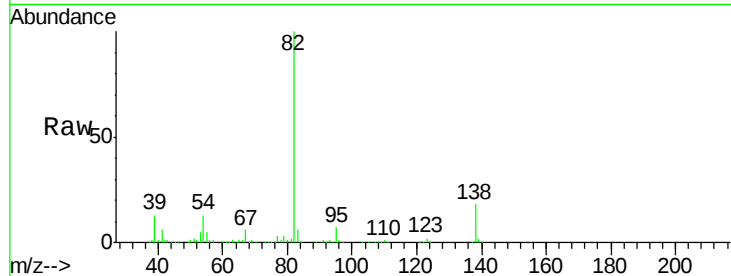
Tot Ion: 82 Resp: 657910

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

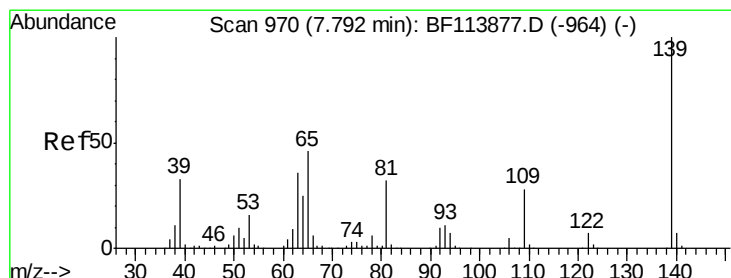
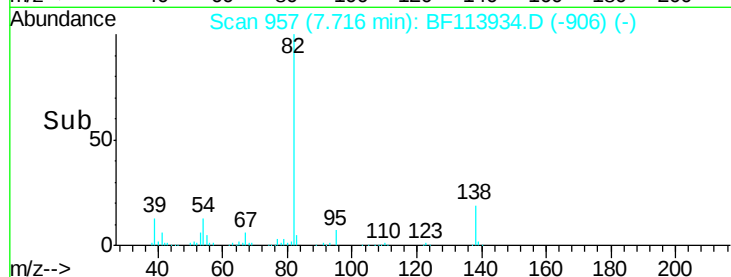
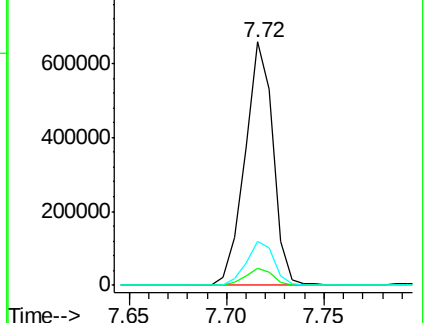
138 17.9 14.6 22.0



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: 49.471 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

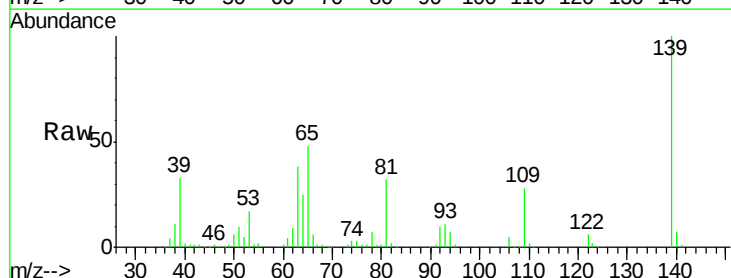
Tgt Ion: 139 Resp: 173238

Ion Ratio Lower Upper

139 100

109 27.6 20.6 31.0

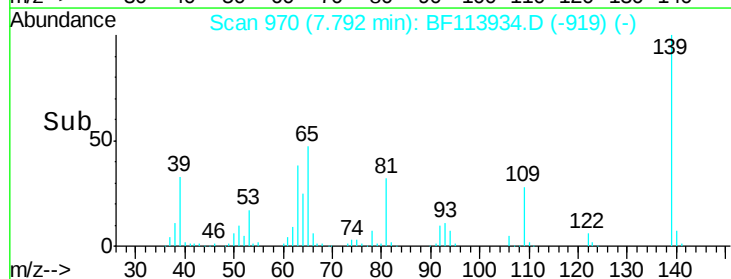
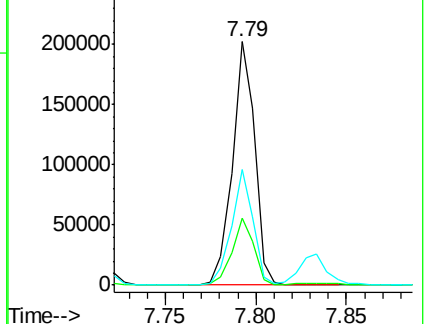
65 47.5 34.6 52.0

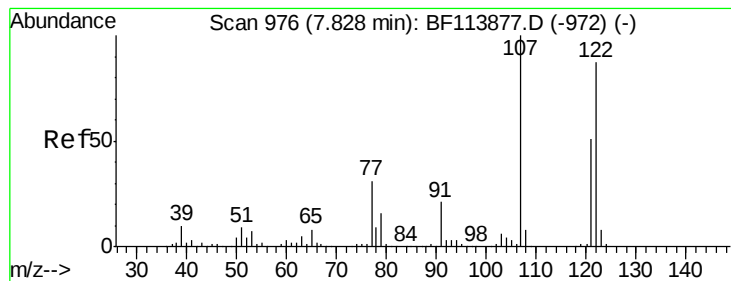


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.524 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampled :

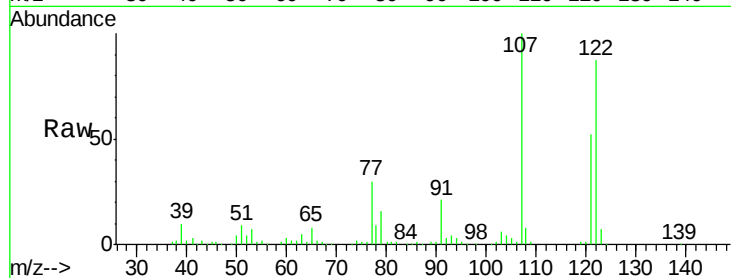
Tot Ion:122 Resp: 293963

Ion Ratio Lower Upper

122 100

107 115.3 91.2 136.8

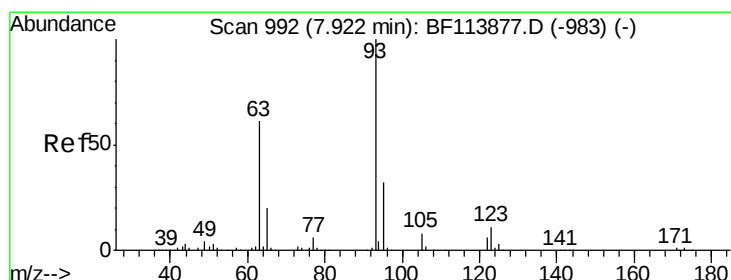
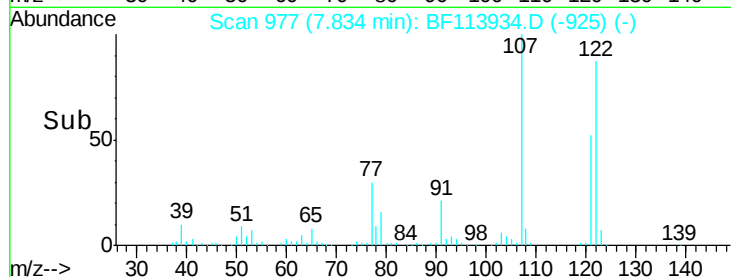
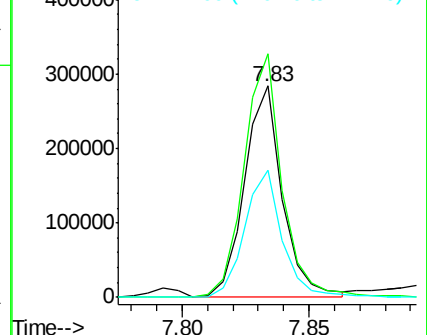
121 60.5 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.787 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

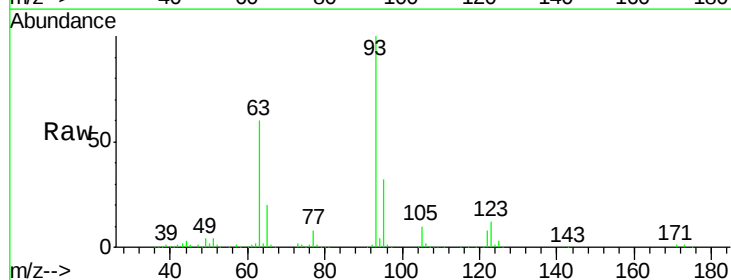
Tgt Ion: 93 Resp: 423782

Ion Ratio Lower Upper

93 100

95 32.1 25.8 38.6

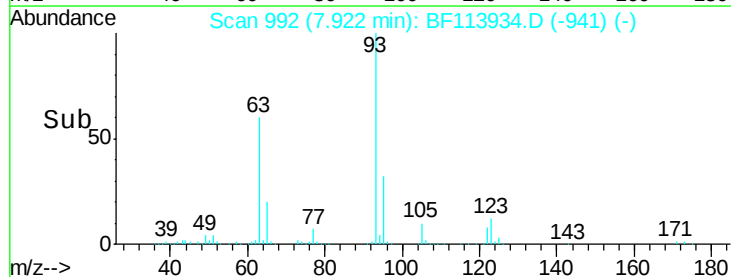
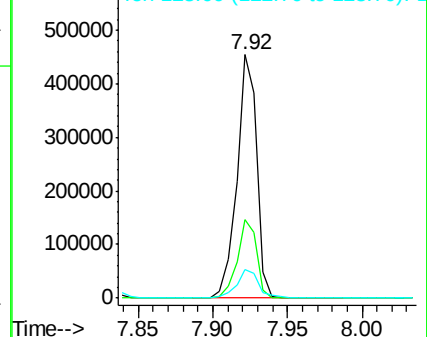
123 11.8 9.0 13.6

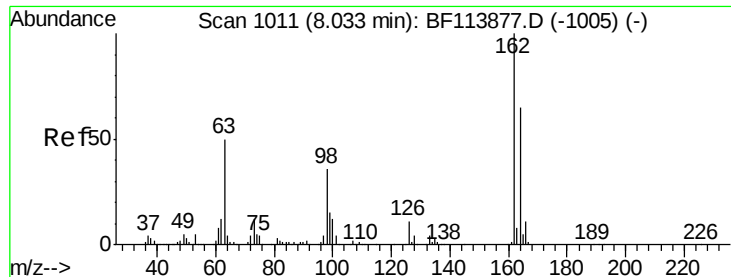


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

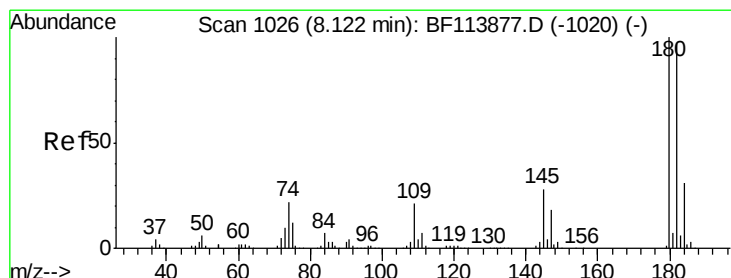
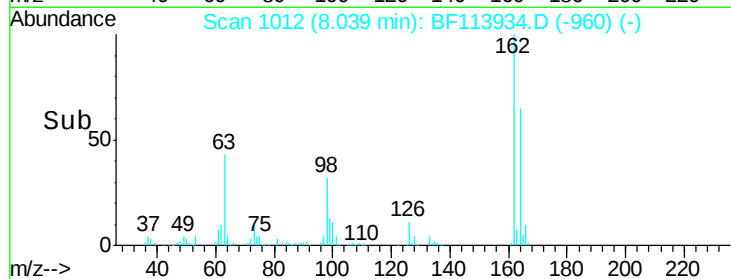
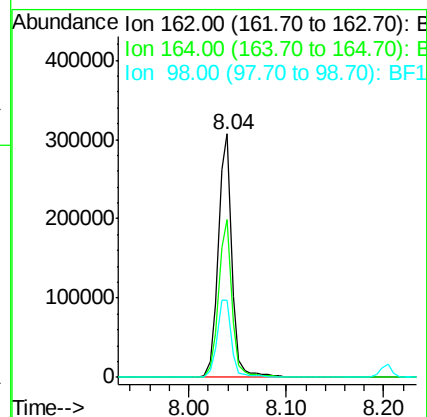
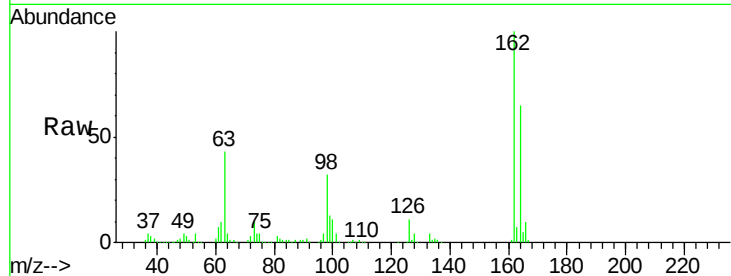




#29
2,4-Dichlorophenol
Concen: 45.703 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

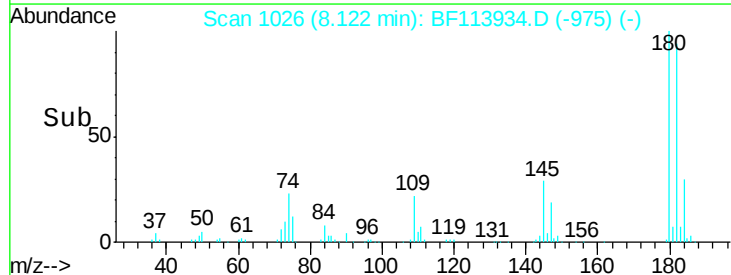
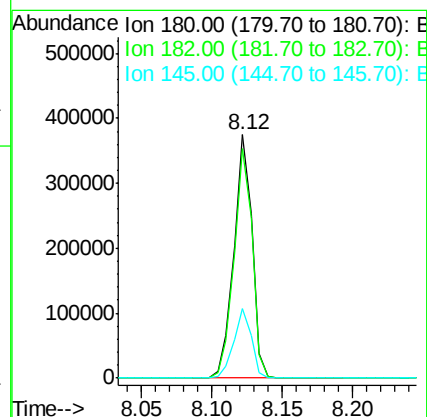
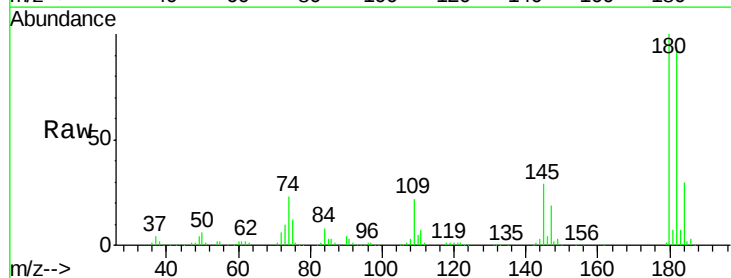
Instrument :
BNA_F
ClientSampleId :

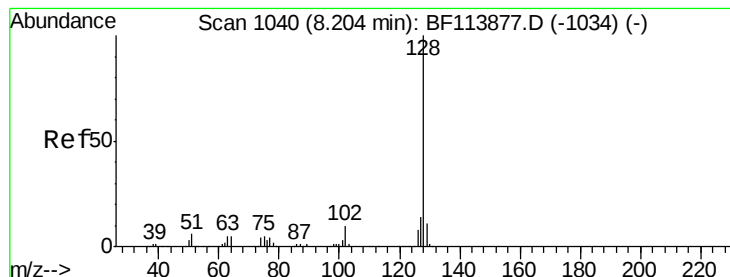
Tot Ion:162 Resp: 298176
Ion Ratio Lower Upper
162 100
164 64.8 43.7 83.7
98 31.8 15.5 55.5



#30
1,2,4-Trichlorobenzene
Concen: 46.130 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion:180 Resp: 335577
Ion Ratio Lower Upper
180 100
182 94.1 75.4 113.0
145 28.6 23.0 34.4





#31

Naphthalene

Concen: 47.327 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

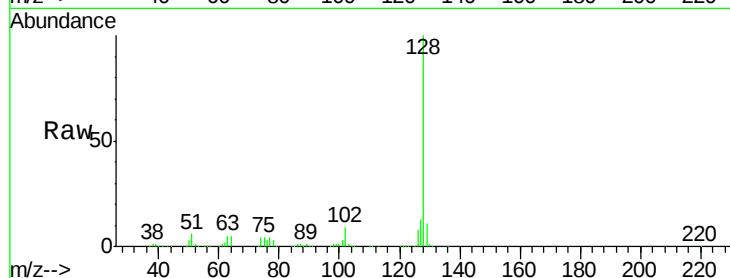
Tot Ion:128 Resp: 964342

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.0

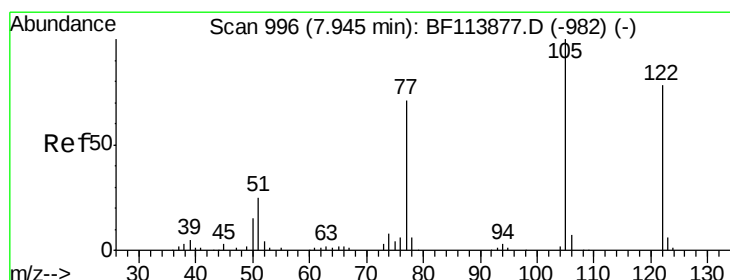
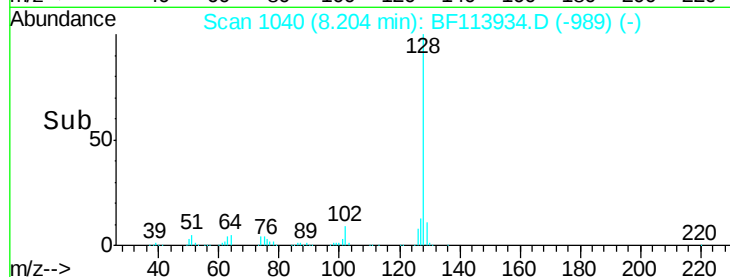
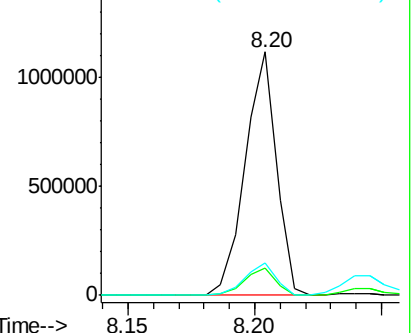
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.010 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

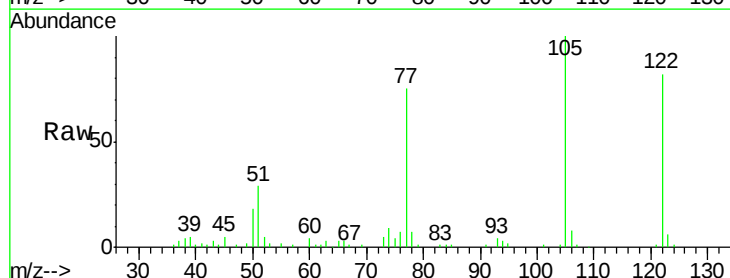
Tgt Ion:122 Resp: 134890

Ion Ratio Lower Upper

122 100

105 122.1 104.3 144.3

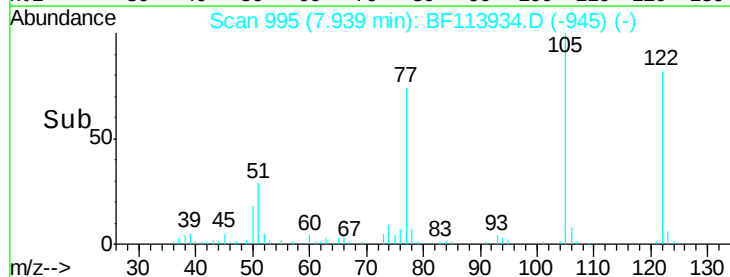
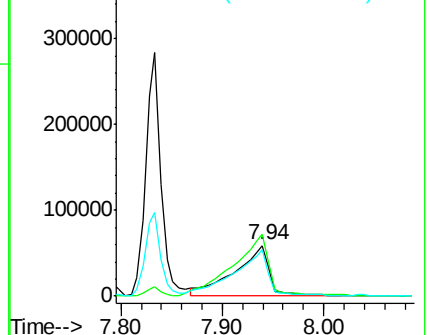
77 92.1 70.4 110.4

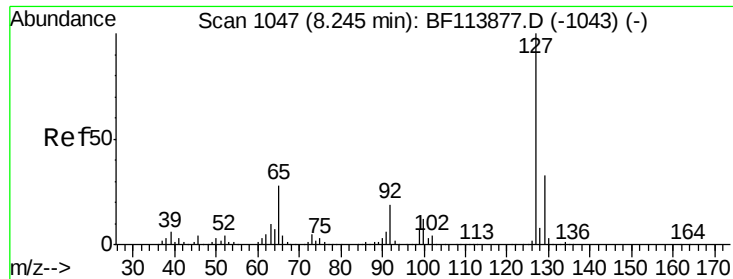


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

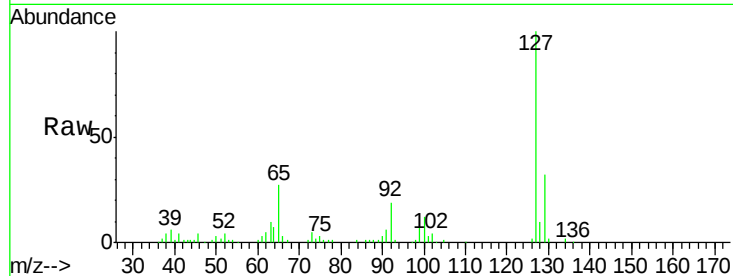




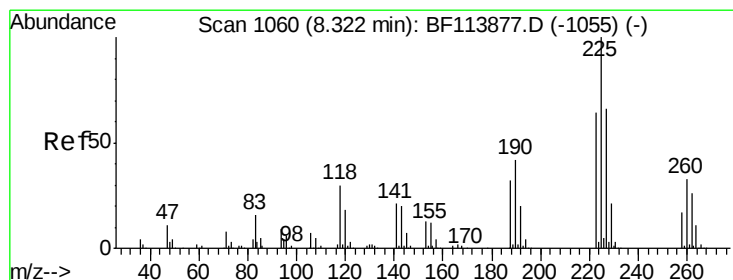
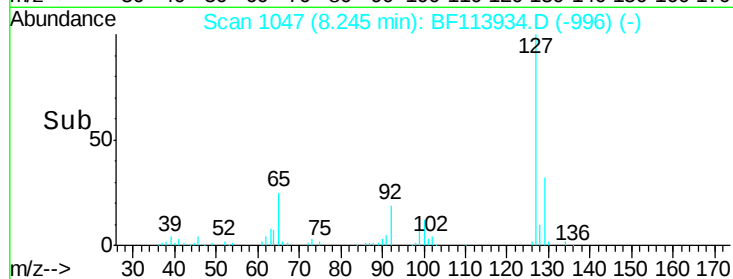
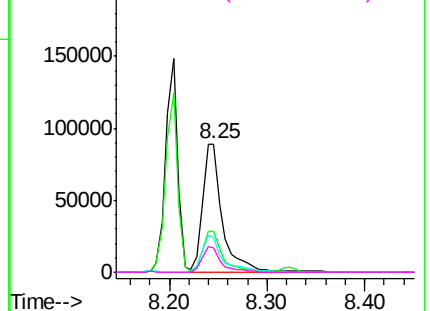
#33
4-Chloroaniline
Concen: 14.540 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	125365
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.4	39.6
65	26.8	24.9	37.3
92	19.0	15.9	23.9

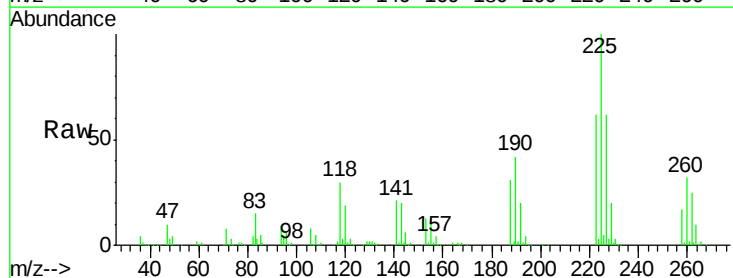


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

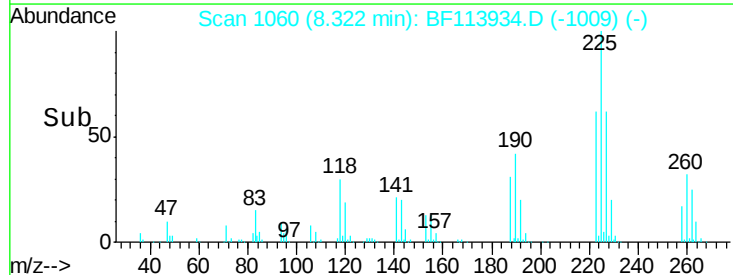
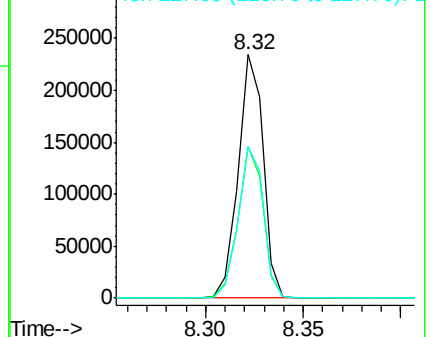


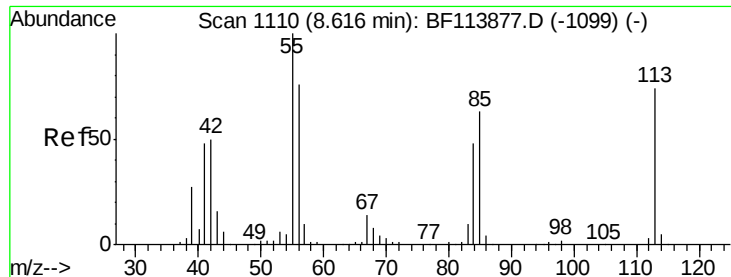
#34
Hexachlorobutadiene
Concen: 45.920 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion:	225	Resp:	208242
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.1	76.7
227	62.4	49.9	74.9



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

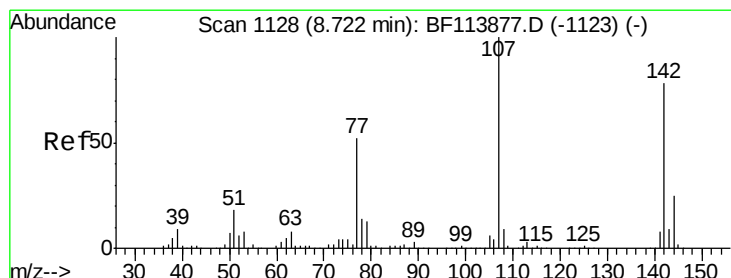
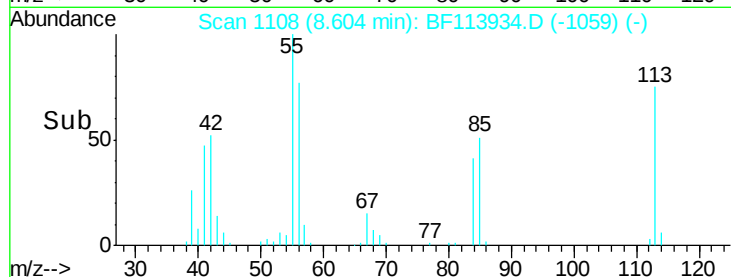
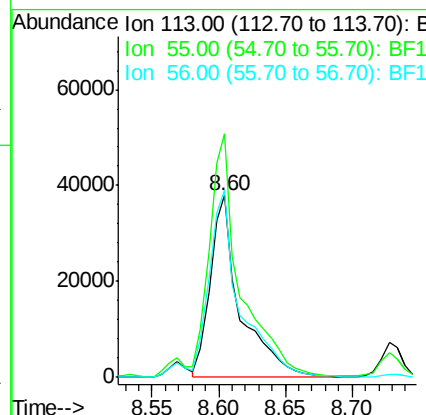
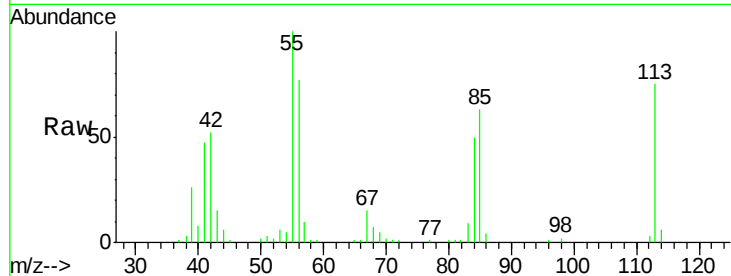




#35
 Caprolactam
 Concen: 28.690 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

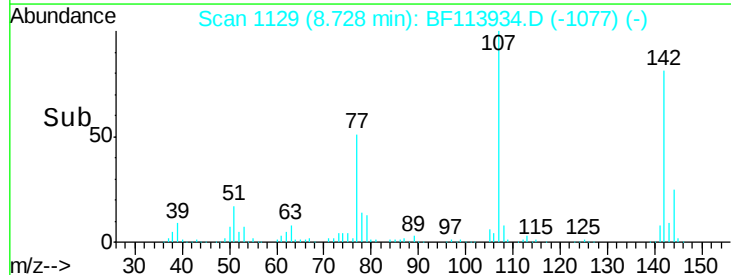
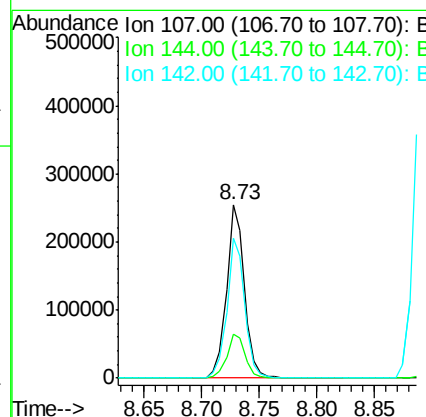
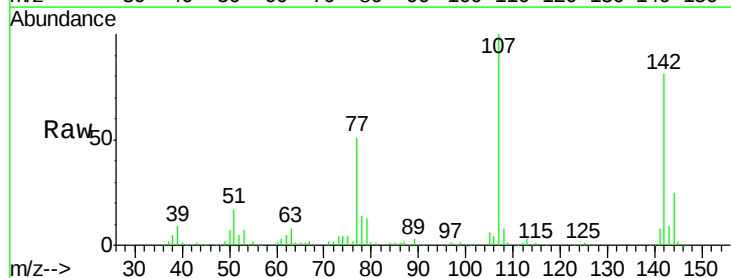
Instrument :
 BNA_F
 ClientSampleId :

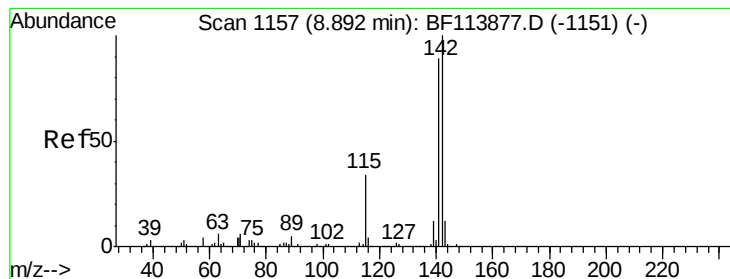
Tot Ion:113 Resp: 59544
 Ion Ratio Lower Upper
 113 100
 55 134.1 128.6 168.6
 56 102.9 91.9 131.9



#36
 4-Chloro-3-methylphenol
 Concen: 42.230 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Tgt Ion:107 Resp: 272962
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 80.8 64.2 96.4





#37

2-Methylnaphthalene

Concen: 45.552 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

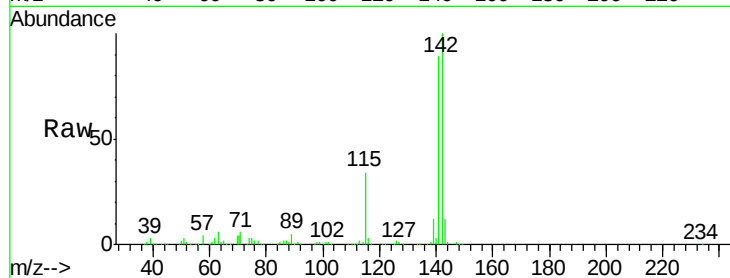
Tot Ion:142 Resp: 625914

Ion Ratio Lower Upper

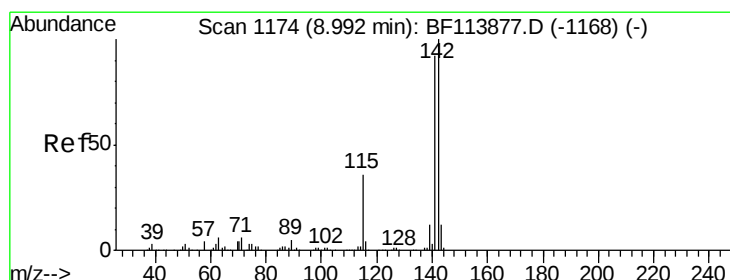
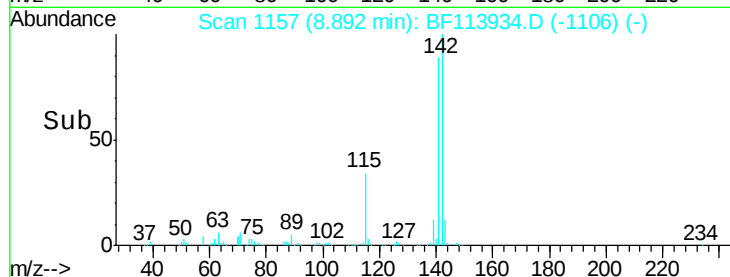
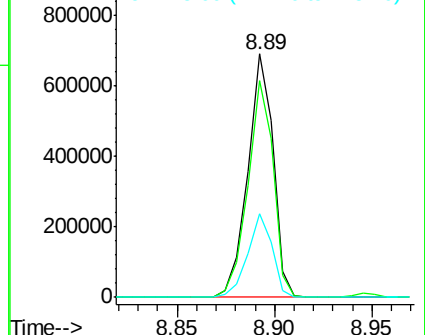
142 100

141 89.3 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: 44.667 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

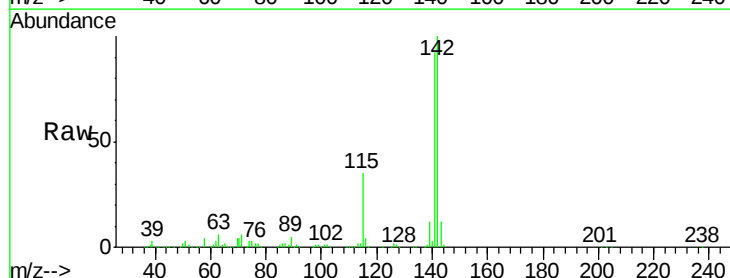
Tgt Ion:142 Resp: 592367

Ion Ratio Lower Upper

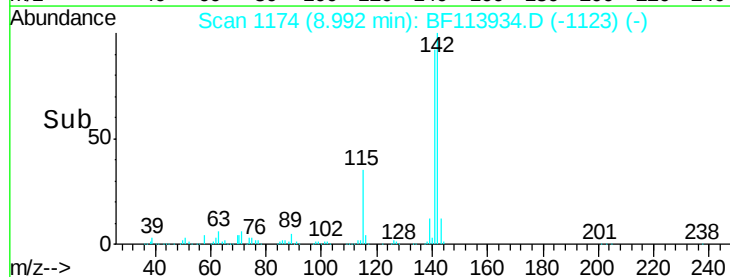
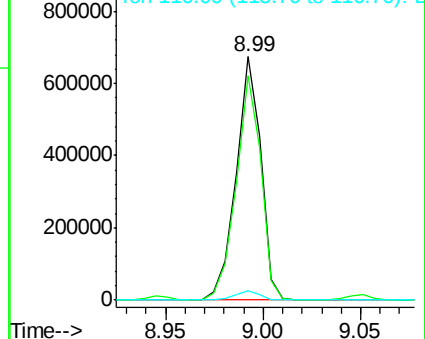
142 100

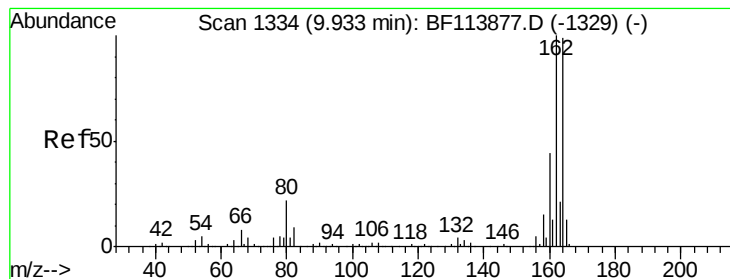
141 92.3 72.3 108.5

116 3.6 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

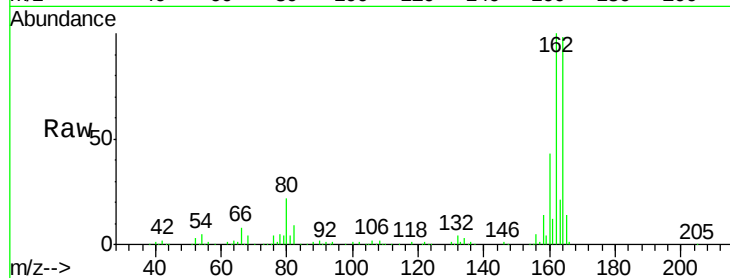
Tot Ion:164 Resp: 188954

Ion Ratio Lower Upper

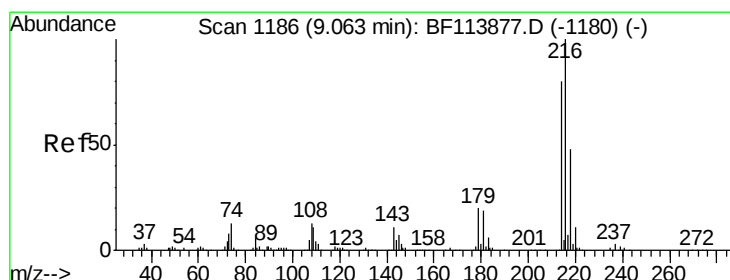
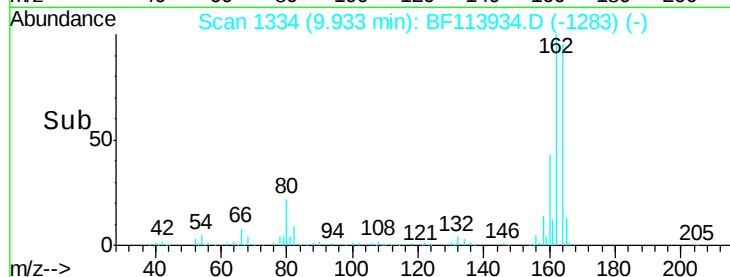
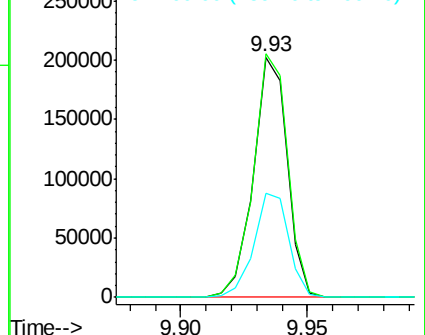
164 100

162 101.6 81.1 121.7

160 43.3 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.153 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Tgt Ion:216 Resp: 320108

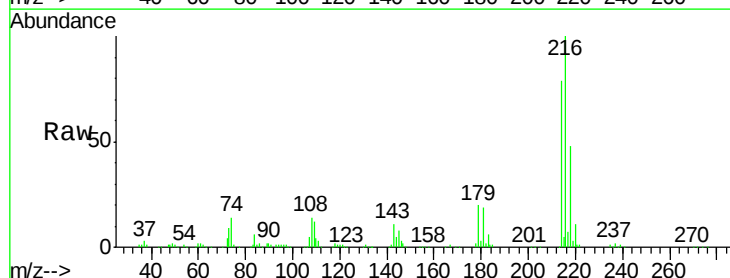
Ion Ratio Lower Upper

216 100

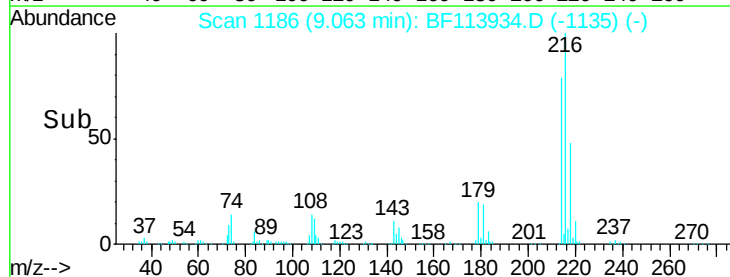
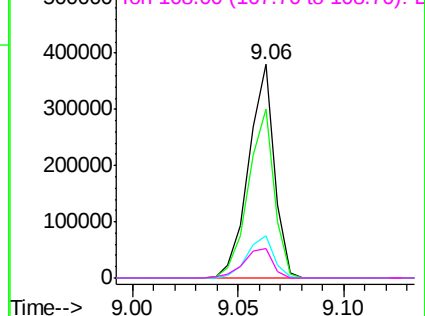
214 79.7 63.5 95.3

179 20.3 16.1 24.1

108 15.7 13.4 20.0



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 36.529 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

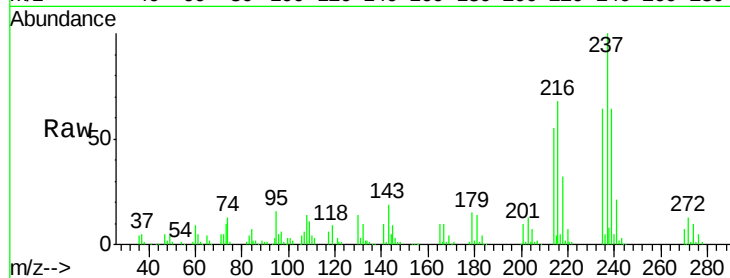
Tot Ion:237 Resp: 125027

Ion Ratio Lower Upper

237 100

235 63.9 42.6 82.6

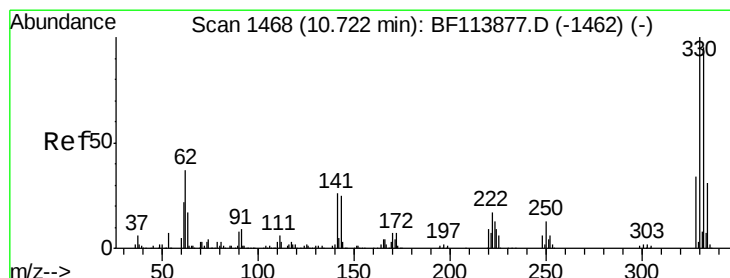
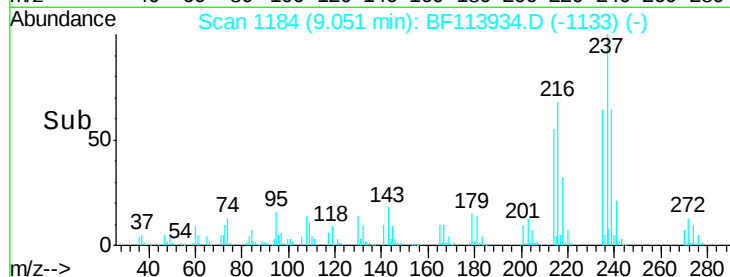
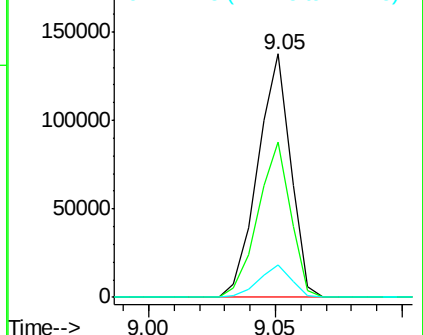
272 13.3 0.0 33.8



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: 127.508 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

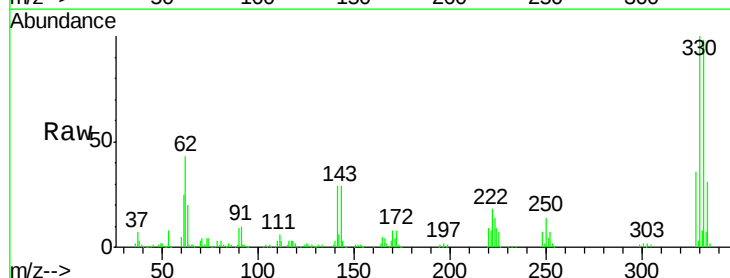
Tgt Ion:330 Resp: 293504

Ion Ratio Lower Upper

330 100

332 97.0 77.5 116.3

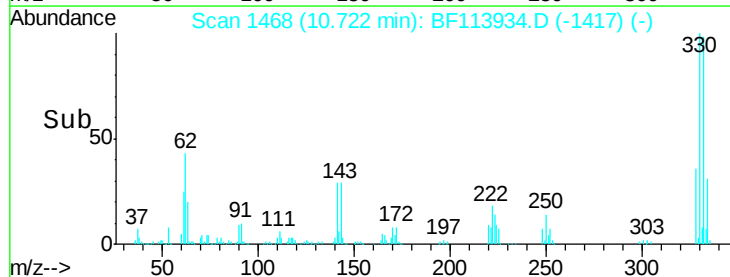
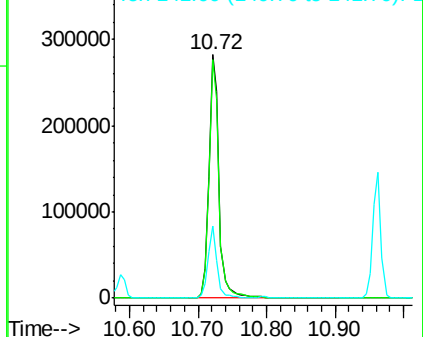
141 26.8 22.2 33.2

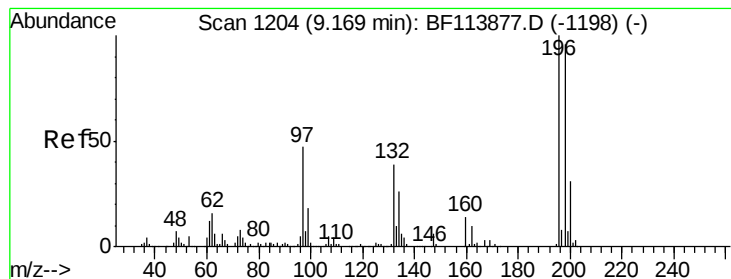


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 52.660 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

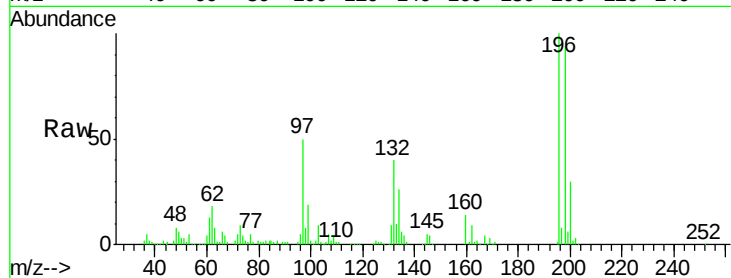
Tot Ion:196 Resp: 205241

Ion Ratio Lower Upper

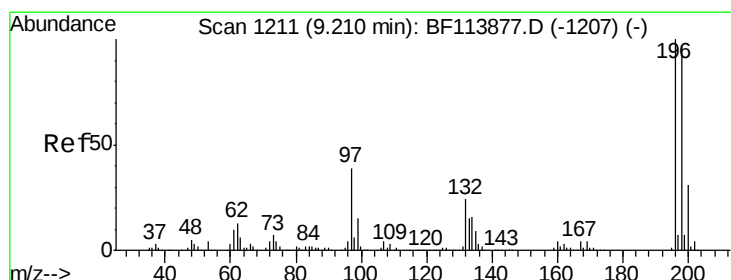
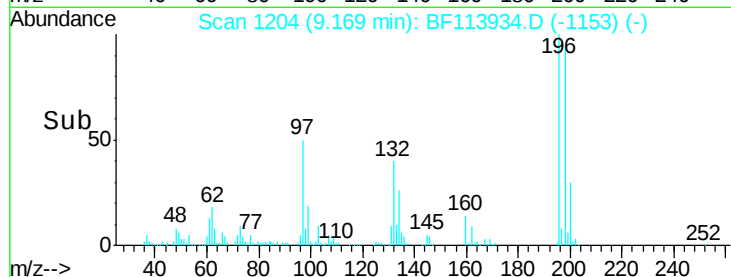
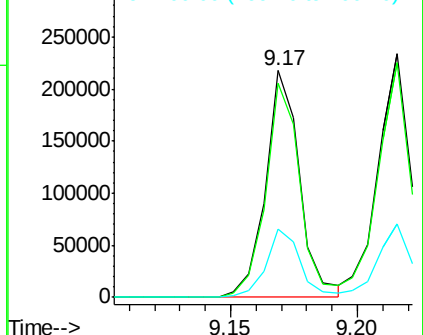
196 100

198 94.3 75.6 113.4

200 30.2 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: 50.223 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Tgt Ion:196 Resp: 219557

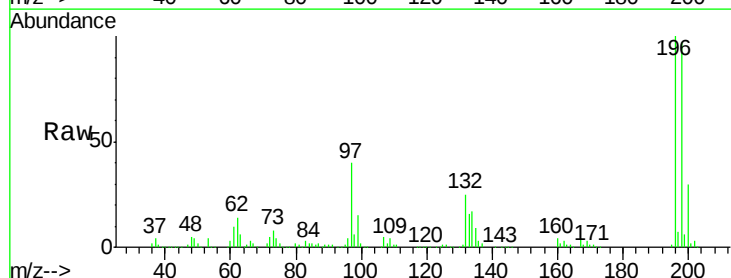
Ion Ratio Lower Upper

196 100

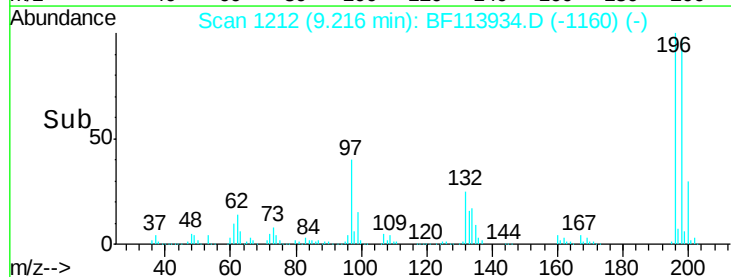
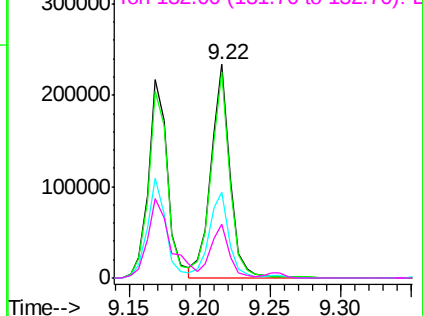
198 96.6 76.2 114.4

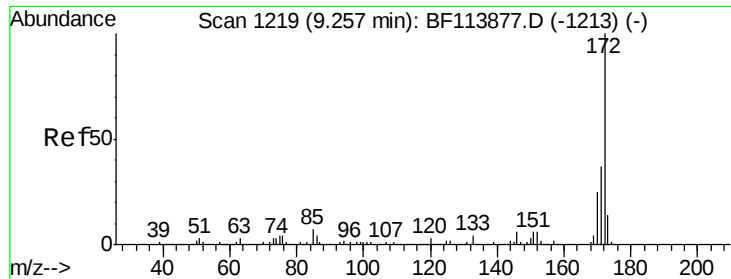
97 40.3 35.8 53.8

132 25.0 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



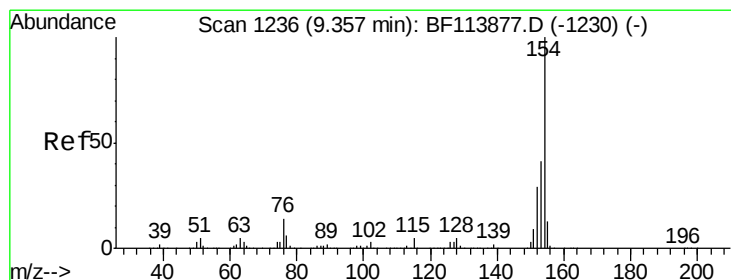
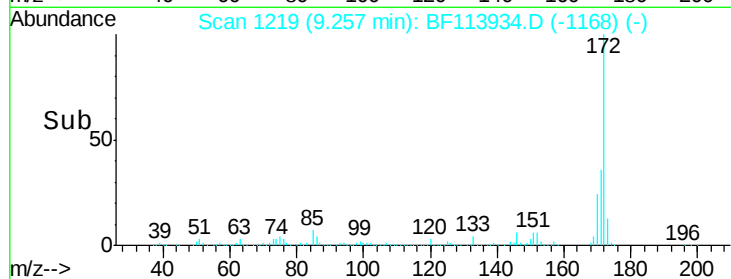
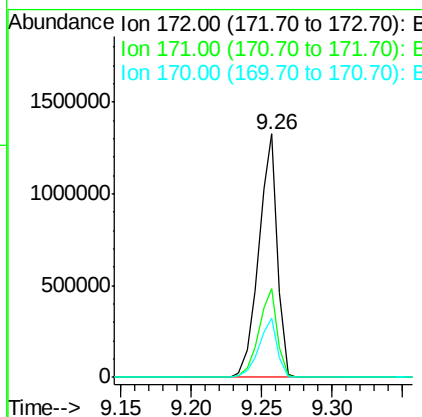
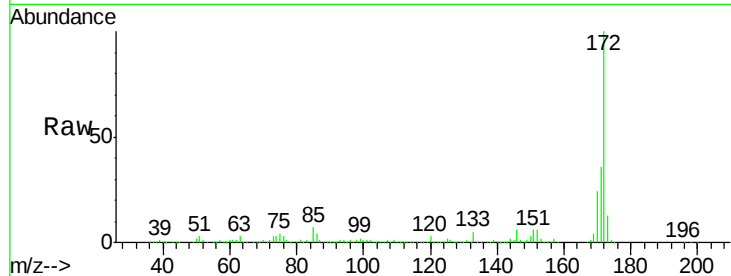


#45
 2-Fluorobiphenyl
 Concen: 101.944 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1231617

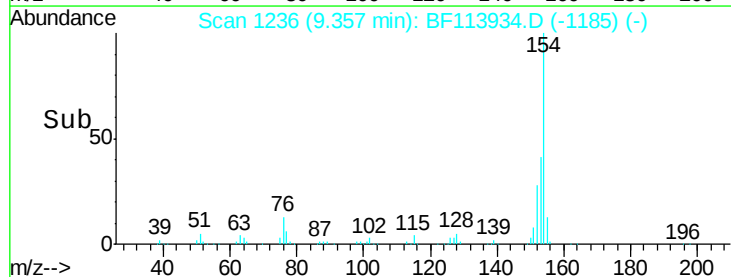
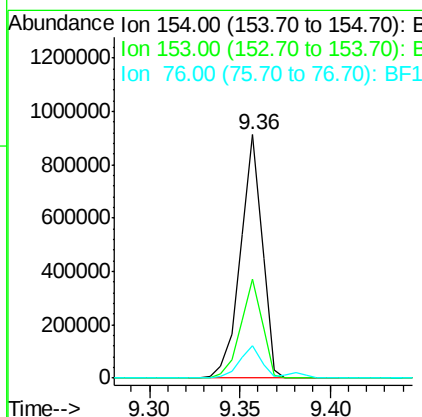
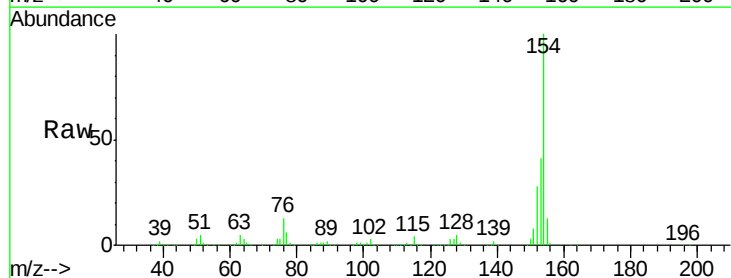
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.4	19.9	29.9

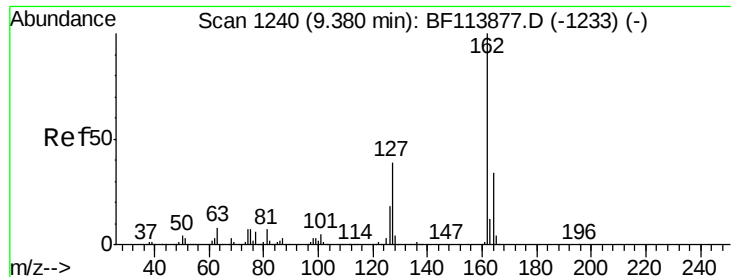


#46
 1,1'-Biphenyl
 Concen: 52.530 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Tgt Ion:154 Resp: 758258

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.8	60.8
76	13.3	0.0	35.2

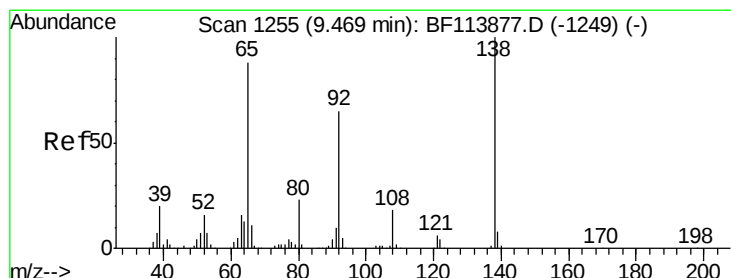
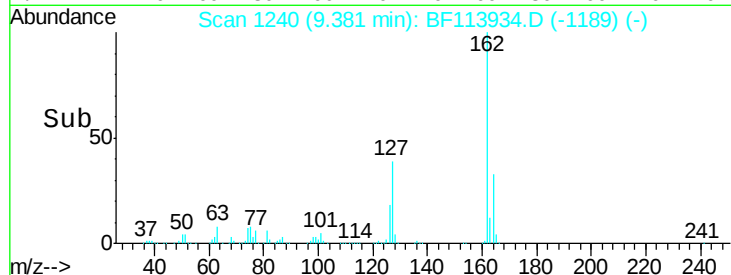
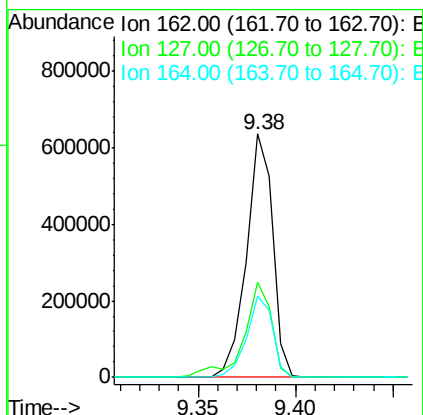
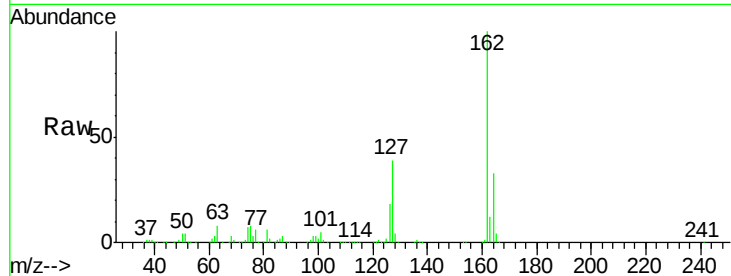




#47
 2-Chloronaphthalene
 Concen: 50.326 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

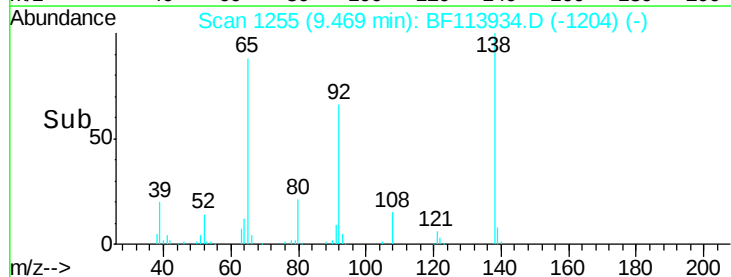
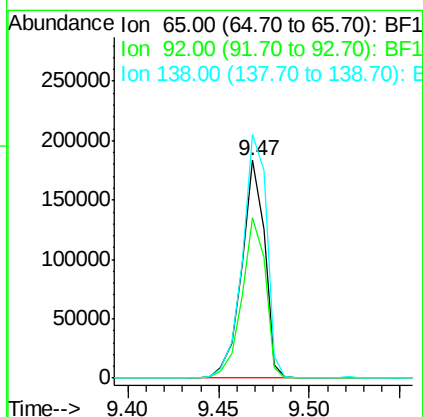
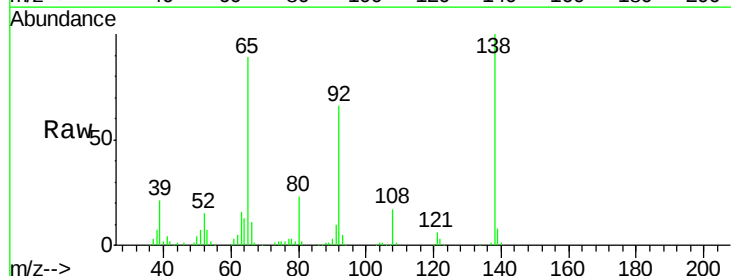
Instrument :
 BNA_F
 ClientSampleId :

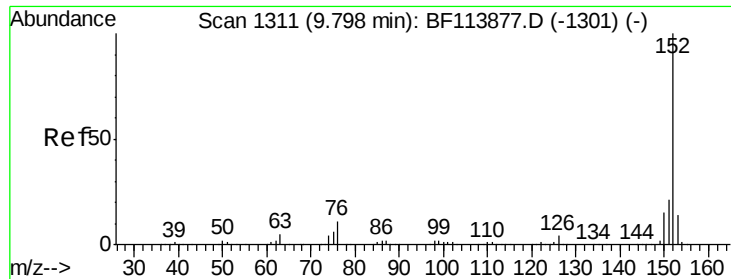
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	29.3	43.9
164	33.1	27.1	40.7



#48
 2-Nitroaniline
 Concen: 52.611 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.8	57.4	86.0
138	111.9	85.4	128.0





#49

Acenaphthylene

Concen: 47.746 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

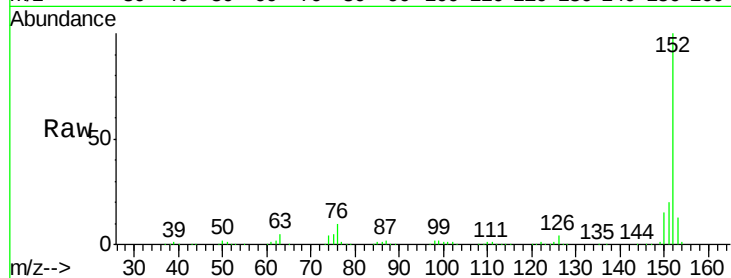
Tot Ion:152 Resp: 877424

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.4

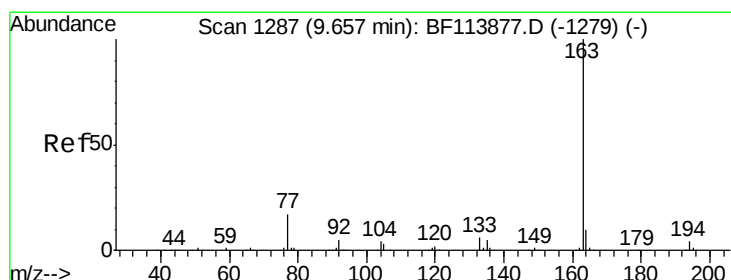
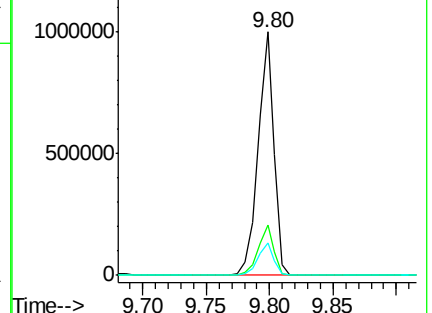
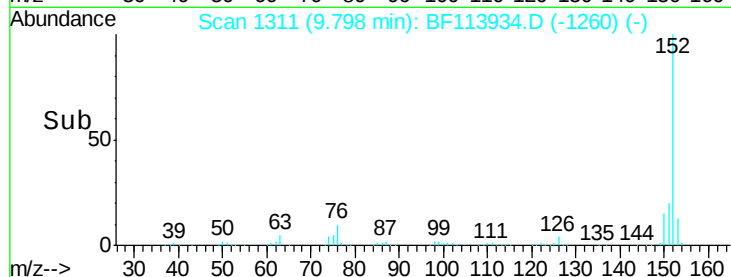
153 13.4 11.0 16.6



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: 52.228 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

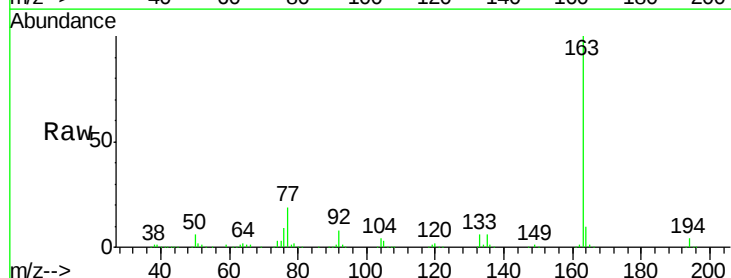
Tgt Ion:163 Resp: 713719

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

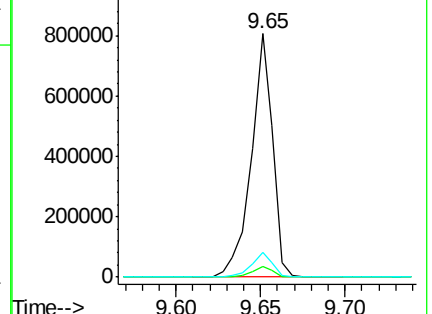
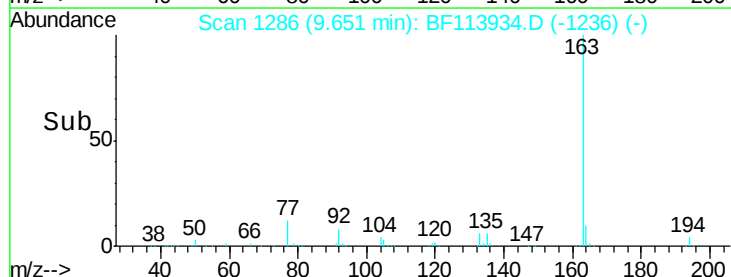
164 10.3 8.5 12.7

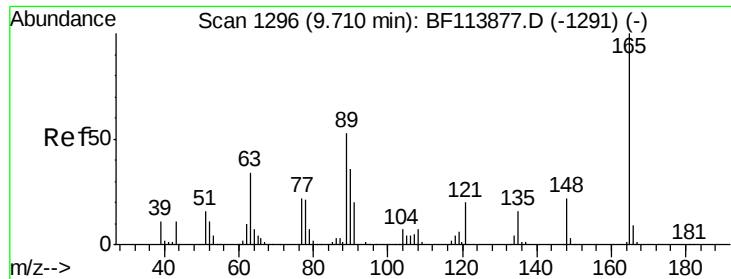


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

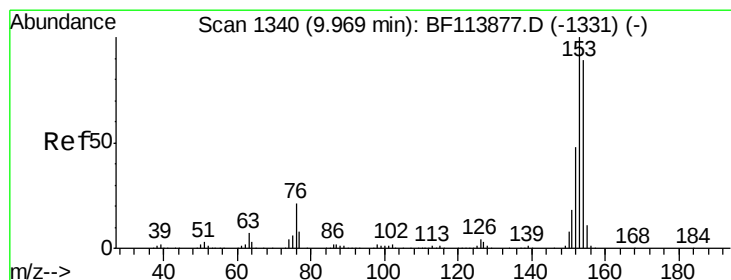
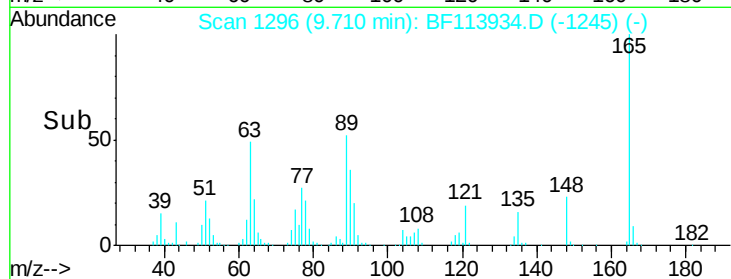
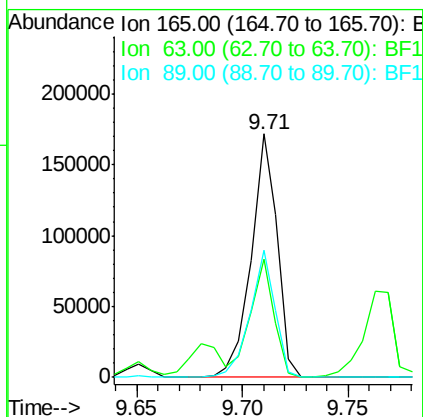
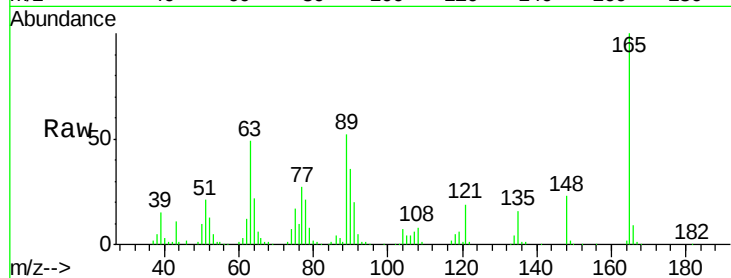




#51
 2,6-Dinitrotoluene
 Concen: 50.084 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

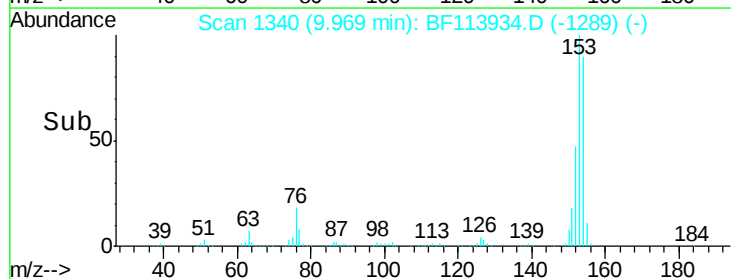
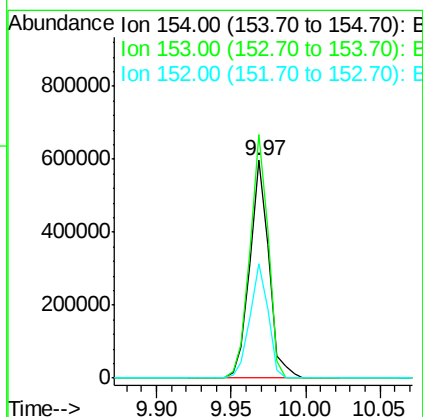
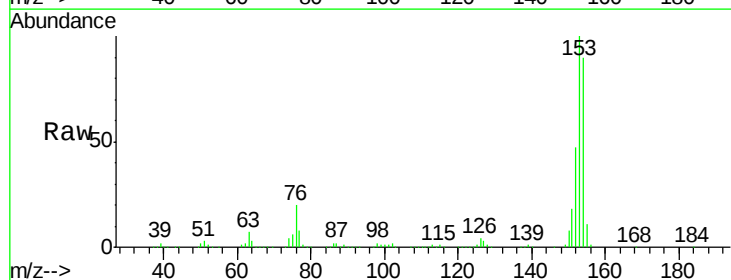
Instrument :
 BNA_F
 ClientSampled :

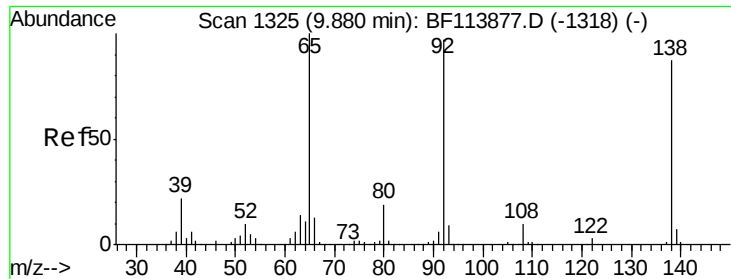
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.6	33.8	50.8
89	52.1	38.2	57.2



#52
 Acenaphthene
 Concen: 48.531 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	87.2	130.8
152	52.5	42.3	63.5

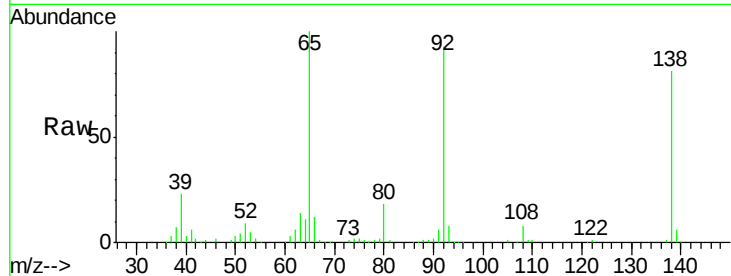




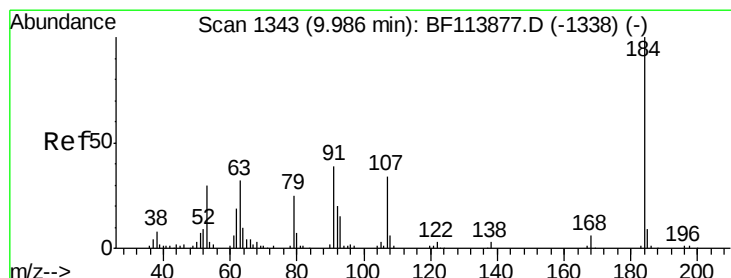
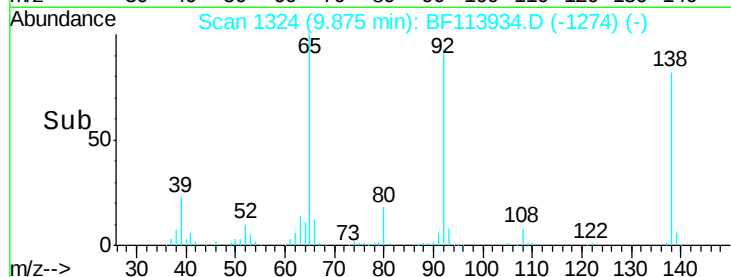
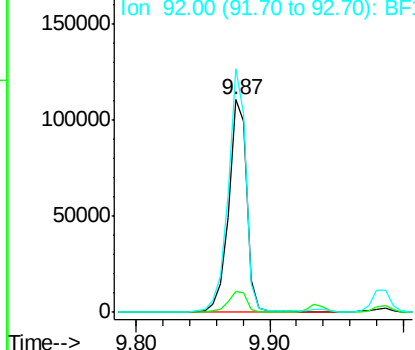
#53
3-Nitroaniline
Concen: 34.660 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 106779
Ion Ratio Lower Upper
138 100
108 10.1 9.4 14.2
92 114.6 94.1 141.1

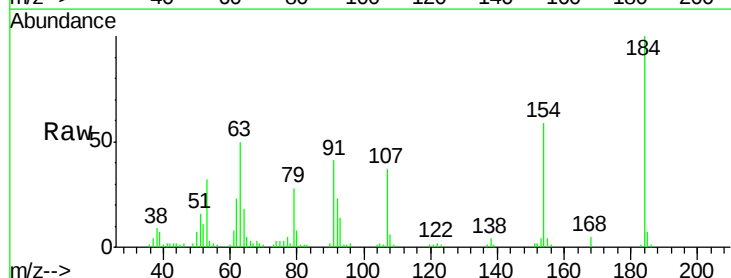


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

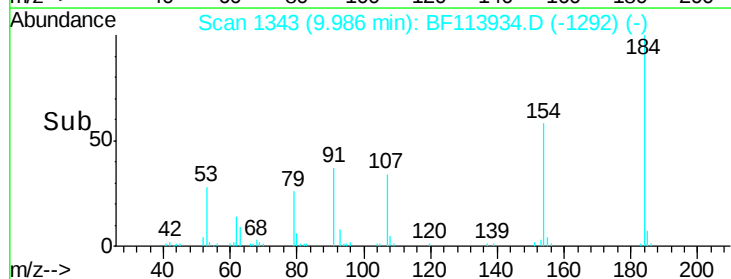
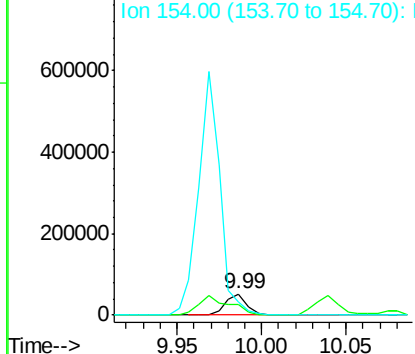


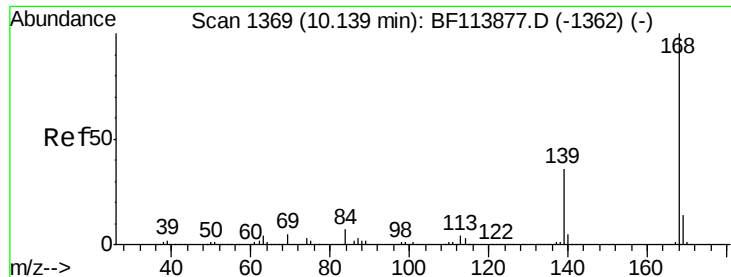
#54
2,4-Dinitrophenol
Concen: 41.118 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion:184 Resp: 46431
Ion Ratio Lower Upper
184 100
63 49.7 54.6 81.8#
154 59.2 218.6 328.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E



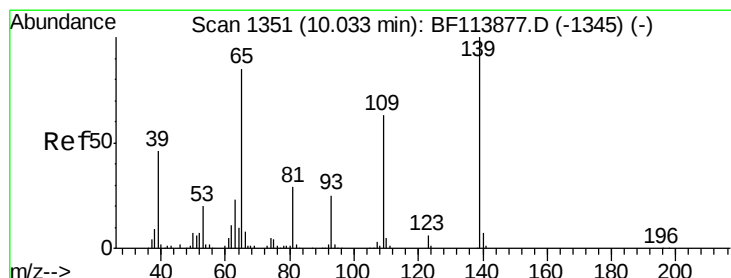
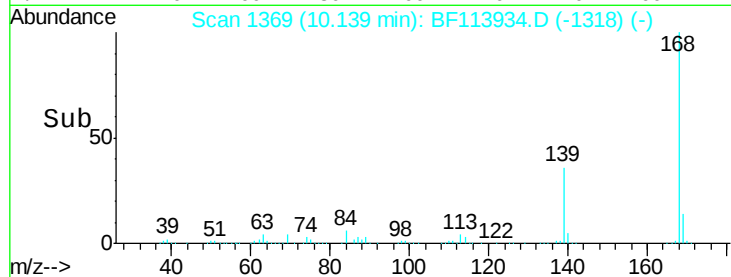
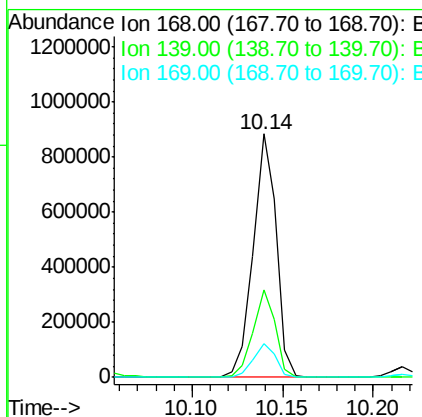
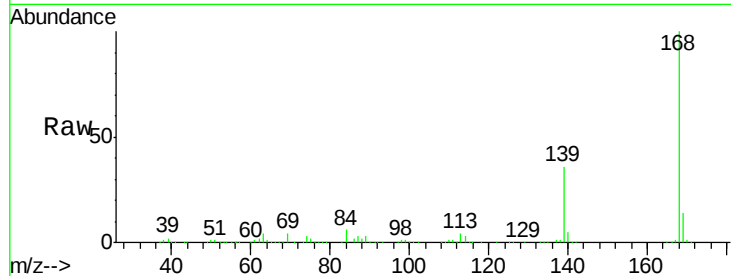


#55
Dibenzenofuran
Concen: 48.056 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 781783

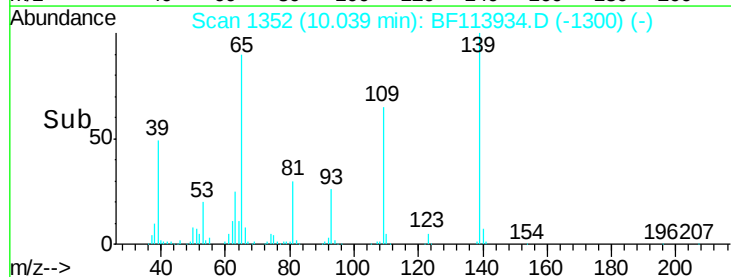
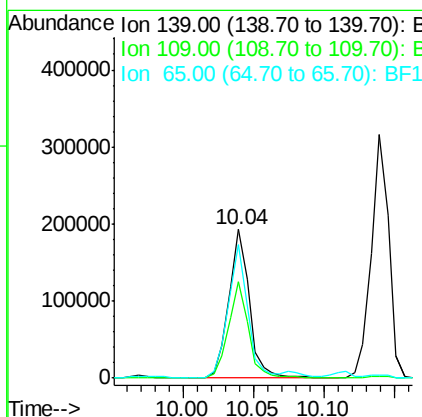
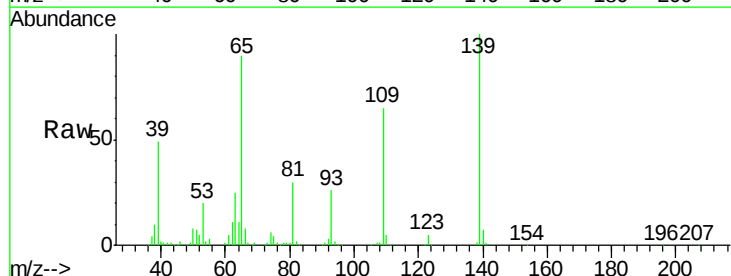
Ion	Ratio	Lower	Upper
168	100		
139	35.7	27.8	41.6
169	13.6	11.0	16.6

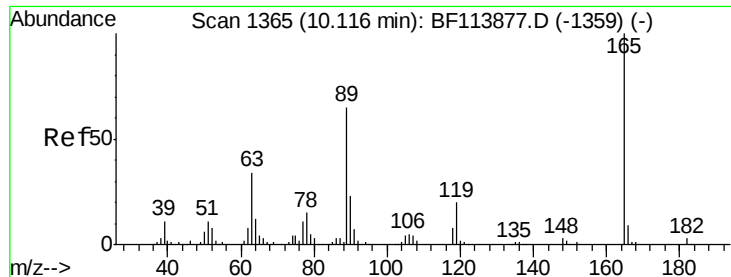


#56
4-Nitrophenol
Concen: 80.500 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion:139 Resp: 196360

Ion	Ratio	Lower	Upper
139	100		
109	65.0	42.9	82.9
65	89.9	64.4	104.4

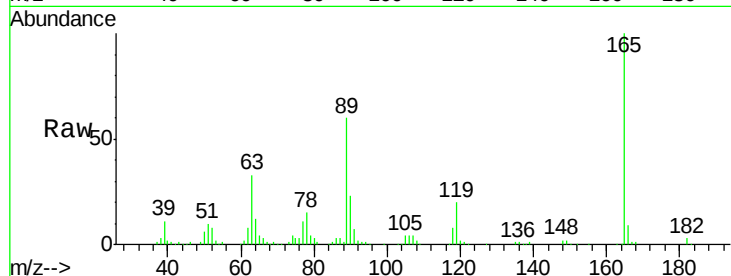




#57
2,4-Dinitrotoluene
Concen: 49.146 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	32.7	27.4	41.0
89	60.4	51.8	77.6
182	2.9	2.2	3.2

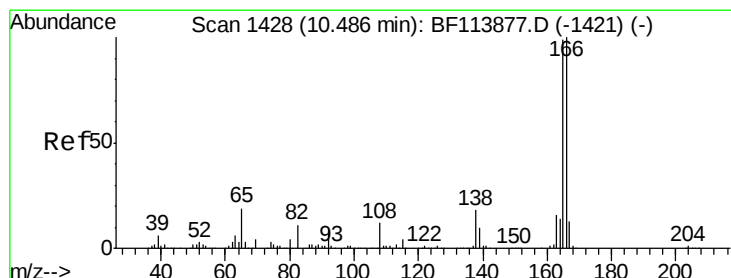
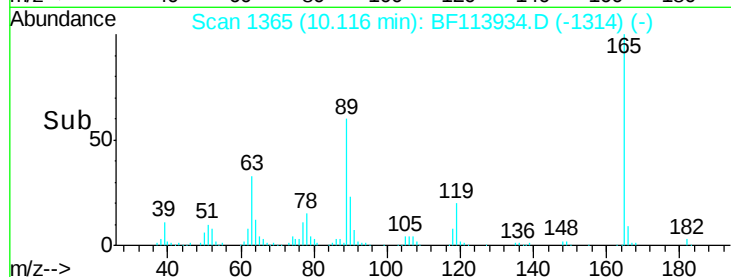
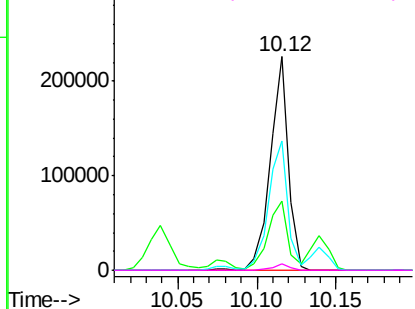


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

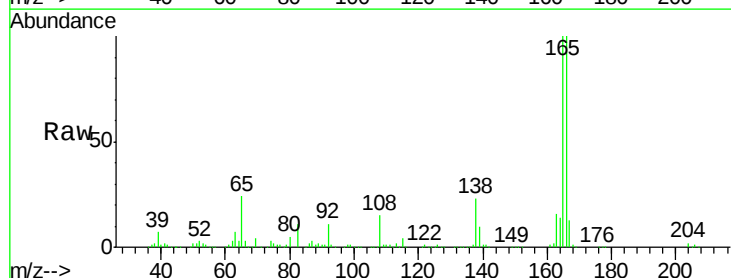
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 46.260 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

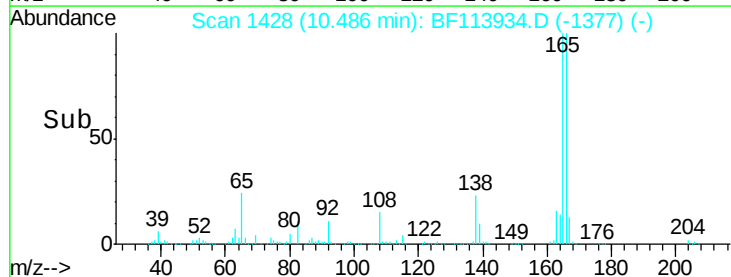
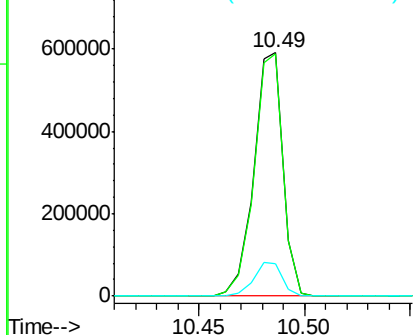
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.4	117.6
167	13.2	10.9	16.3

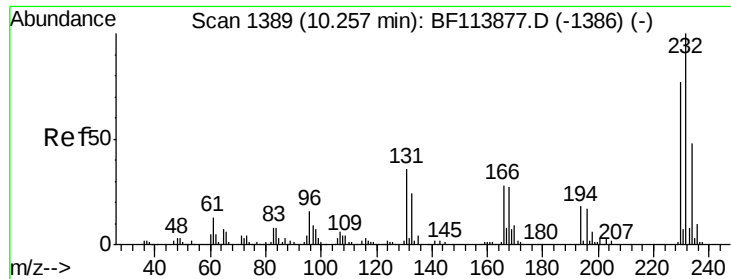


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

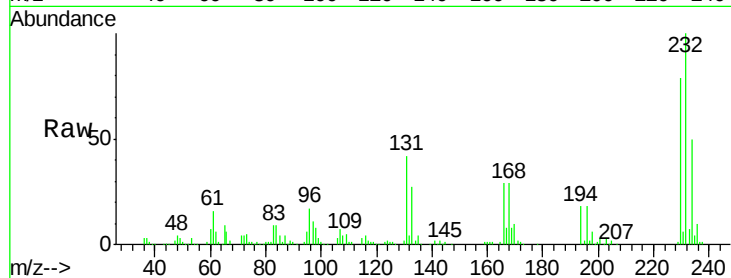




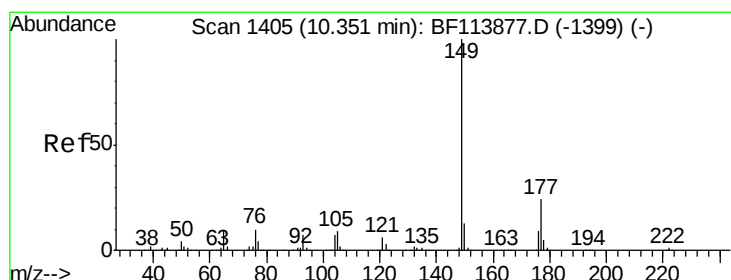
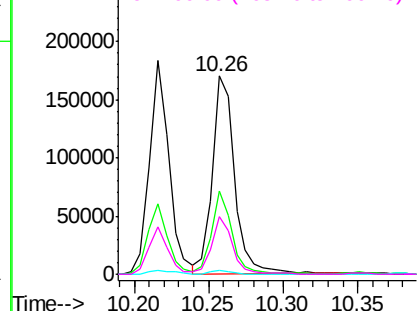
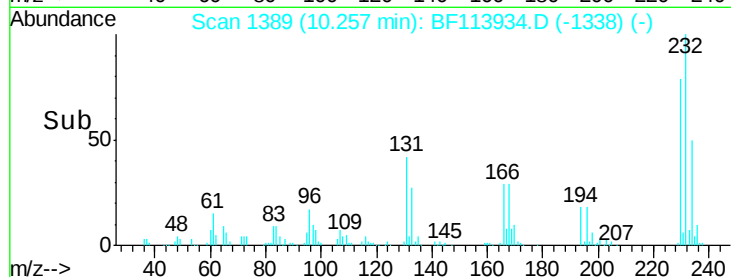
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.764 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 175813
 Ion Ratio Lower Upper
 232 100
 131 38.1 30.2 45.2
 130 1.8 1.5 2.3
 166 27.7 22.2 33.4

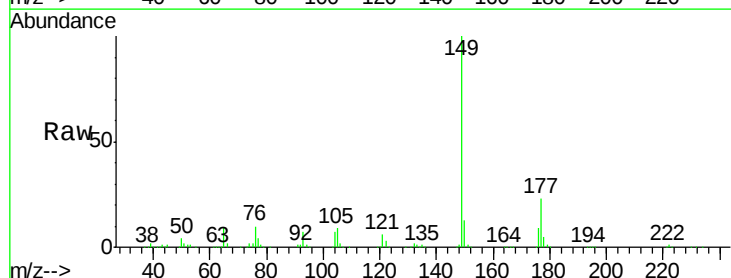


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

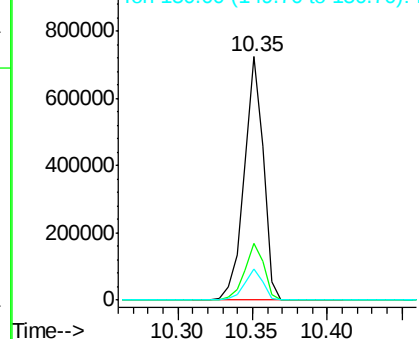
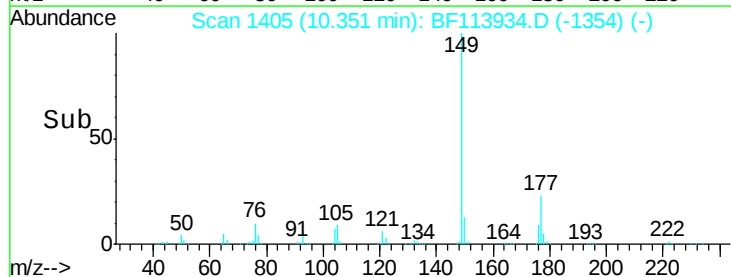


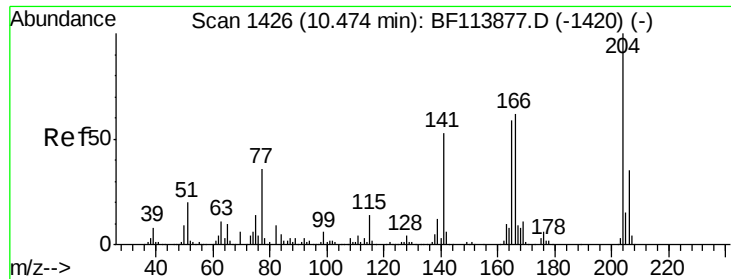
#60
 Diethylphthalate
 Concen: 49.613 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Tgt Ion:149 Resp: 643830
 Ion Ratio Lower Upper
 149 100
 177 23.4 19.2 28.8
 150 12.7 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

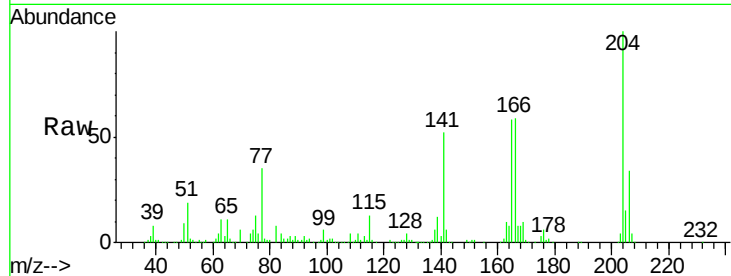




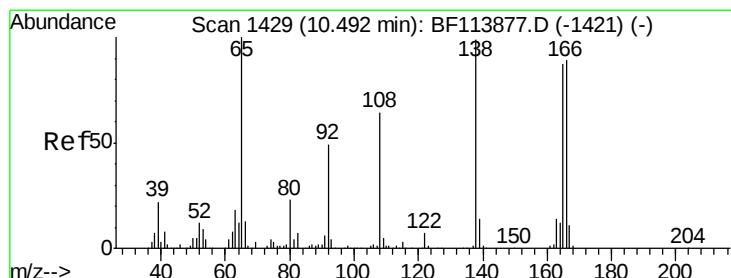
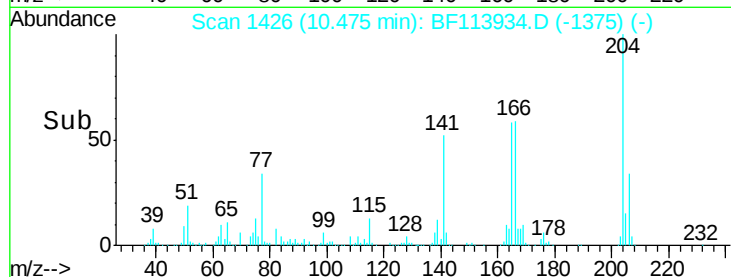
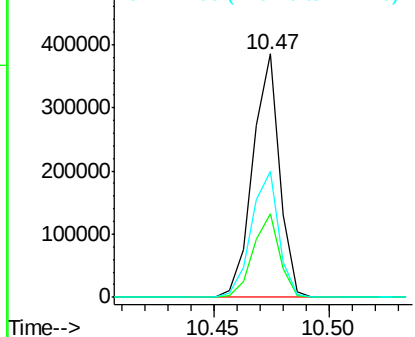
#61
4-Chlorophenyl-phenylether
Concen: 48.124 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 312153
Ion Ratio Lower Upper
204 100
206 34.4 27.4 41.2
141 51.5 42.6 63.8

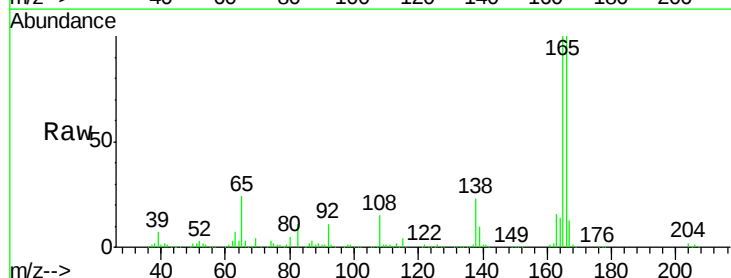


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

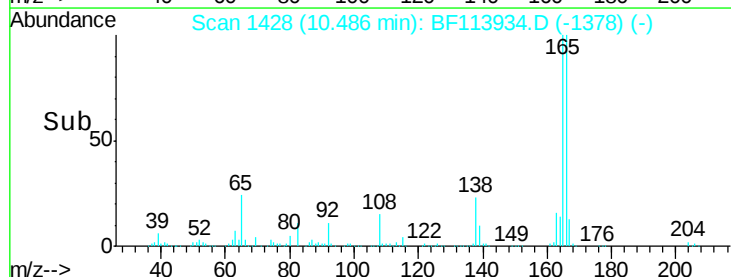
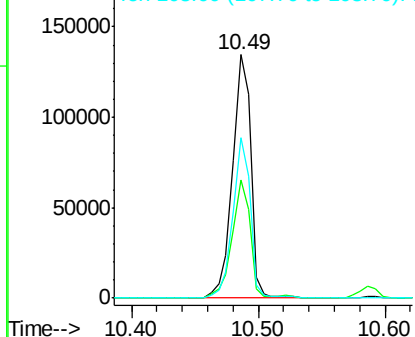


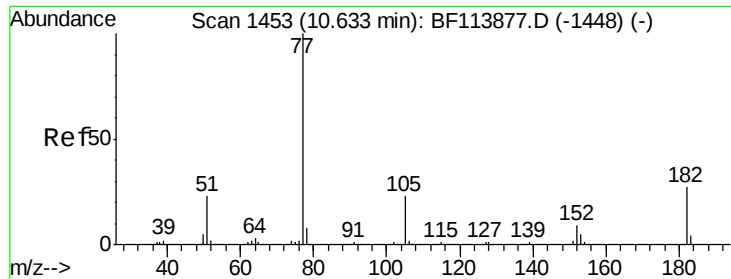
#62
4-Nitroaniline
Concen: 44.297 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion:138 Resp: 133175
Ion Ratio Lower Upper
138 100
92 48.6 31.3 71.3
108 65.7 48.9 88.9



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





#63

Azobenzene

Concen: 44.564 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 560484

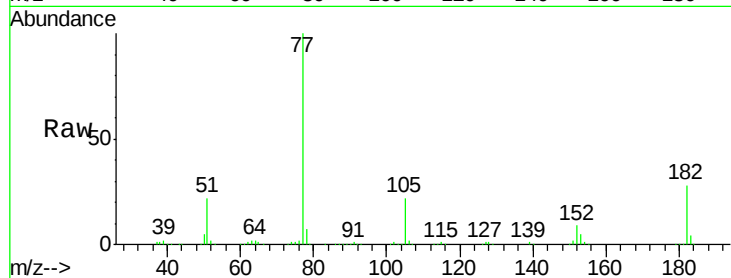
Ion Ratio Lower Upper

77 100

182 28.0 4.4 44.4

105 22.3 2.2 42.2

51 22.3 3.9 43.9

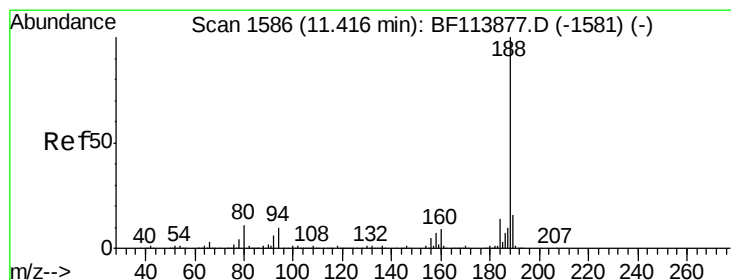
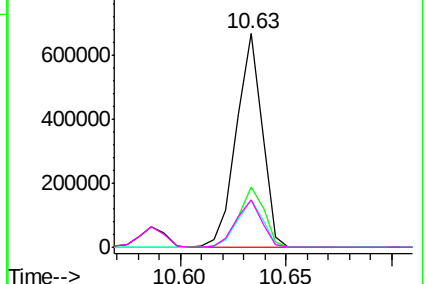
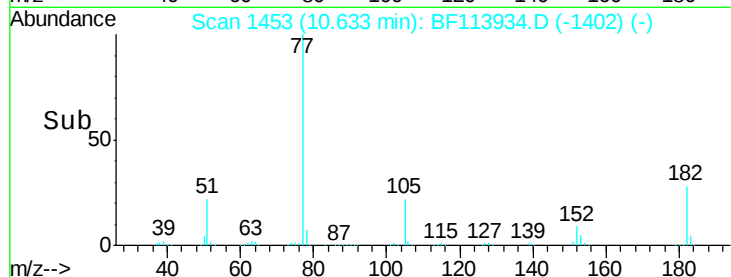


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

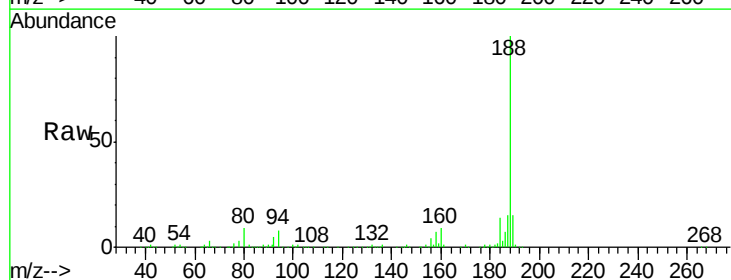
Tgt Ion: 188 Resp: 338606

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.4

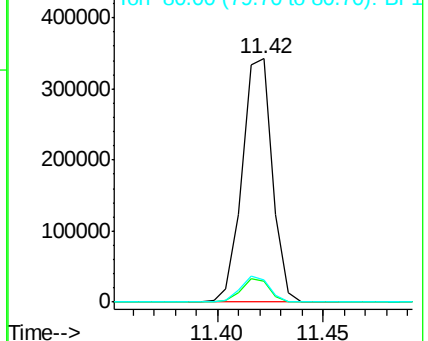
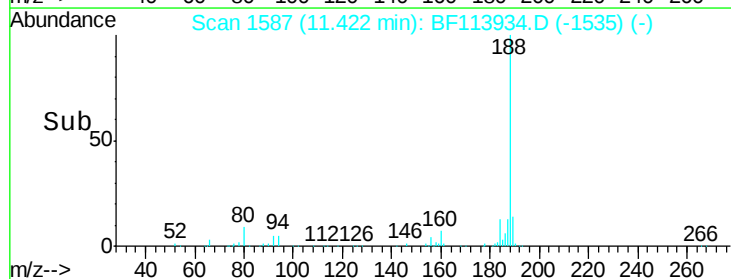
80 9.0 9.0 13.6#

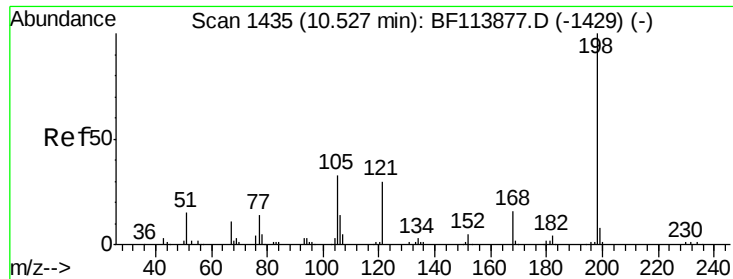


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 26.022 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

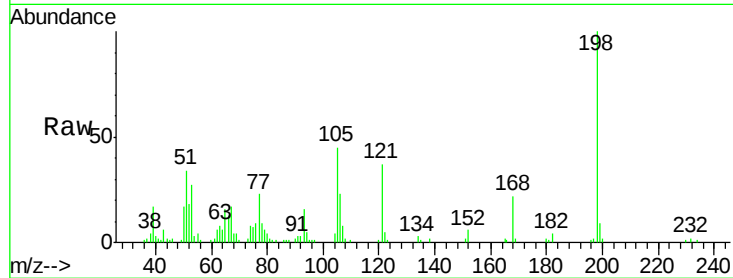
Tot Ion:198 Resp: 34260

Ion Ratio Lower Upper

198 100

51 34.2 11.1 51.1

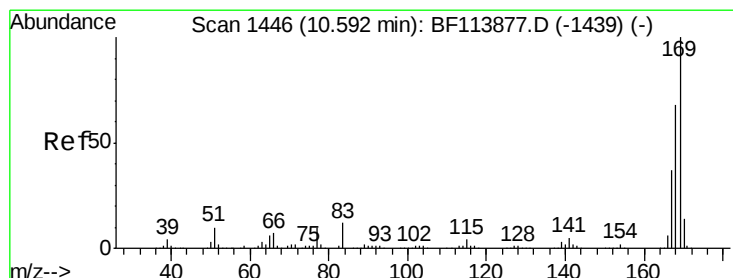
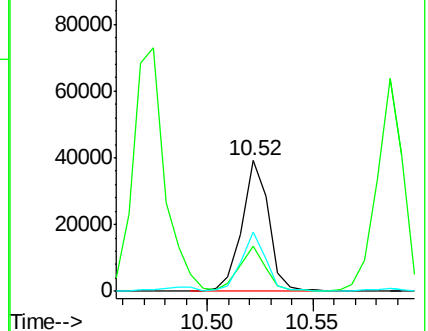
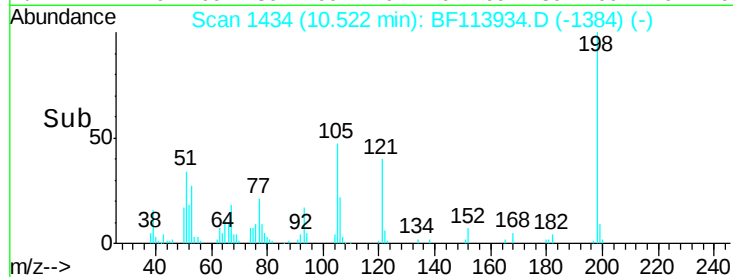
105 44.9 20.7 60.7



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: 50.558 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

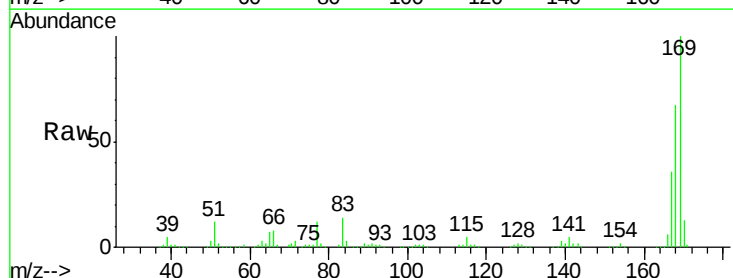
Tgt Ion:169 Resp: 513668

Ion Ratio Lower Upper

169 100

168 67.3 54.3 81.5

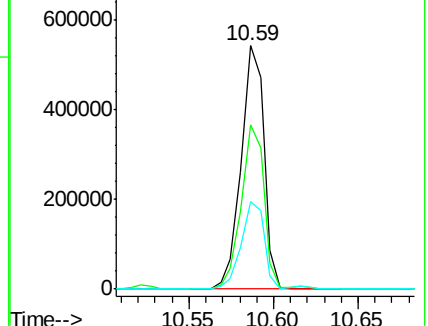
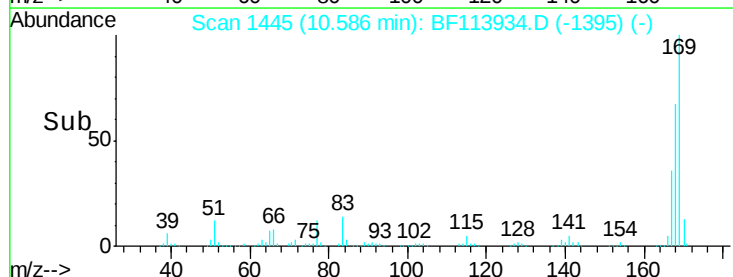
167 36.1 29.4 44.0

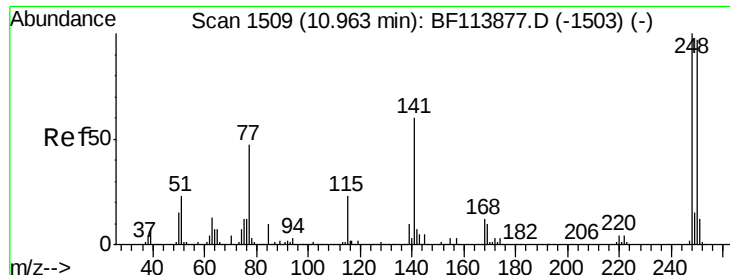


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

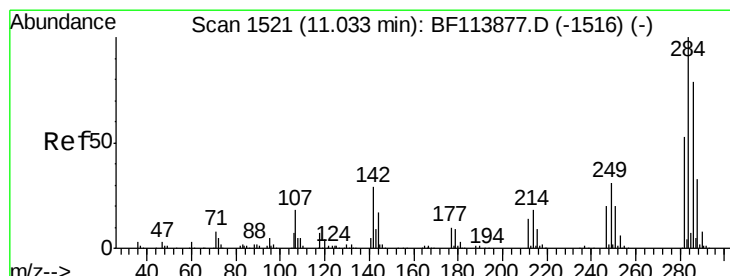
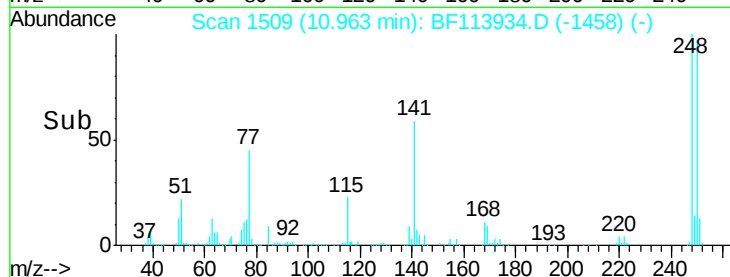
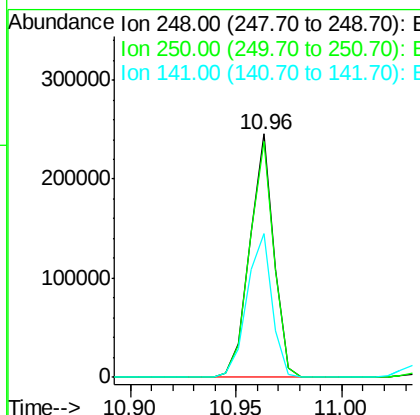
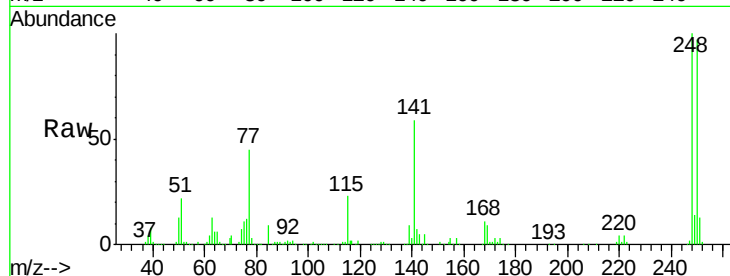




#67
4-Bromophenyl-phenylether
Concen: 47.576 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

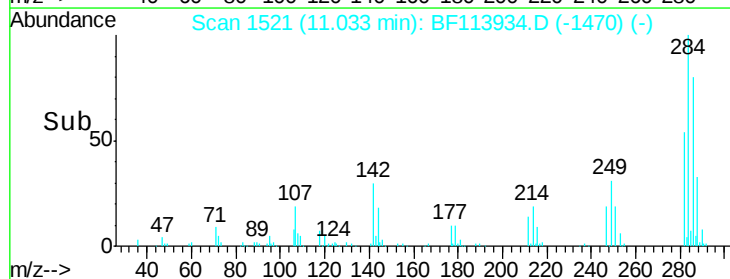
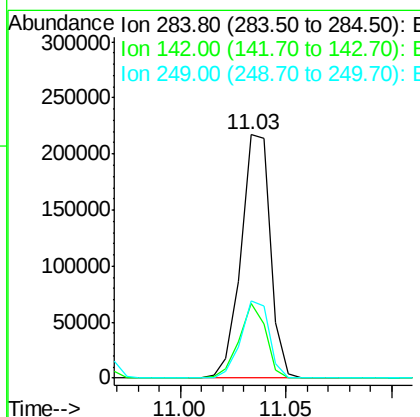
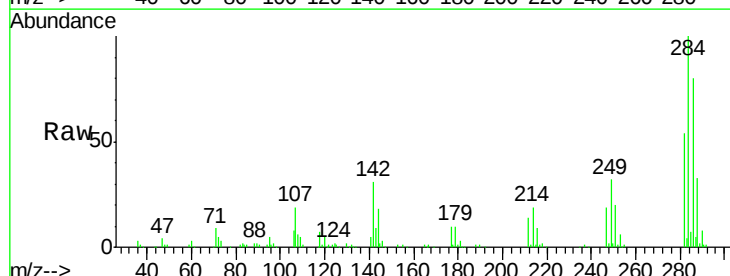
Instrument :
BNA_F
ClientSampleId :

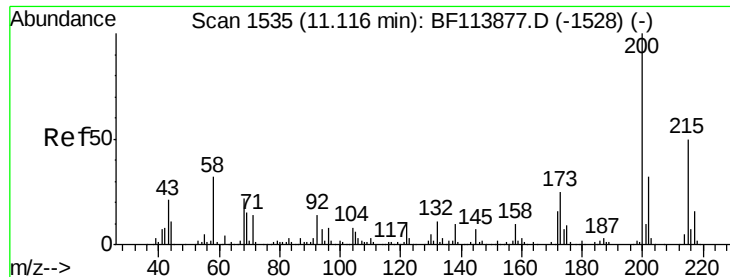
Tot Ion:248 Resp: 194611
Ion Ratio Lower Upper
248 100
250 97.1 75.8 113.6
141 59.1 50.2 75.4



#68
Hexachlorobenzene
Concen: 46.425 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion:284 Resp: 208681
Ion Ratio Lower Upper
284 100
142 30.7 23.0 34.4
249 31.5 24.4 36.6

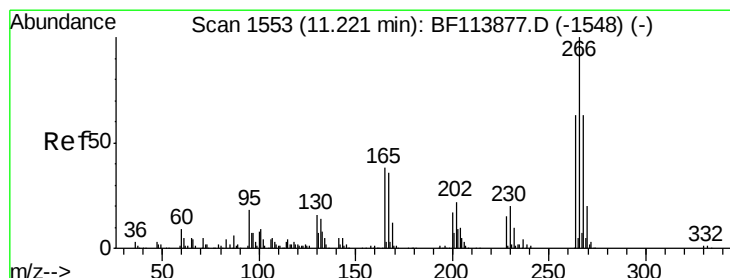
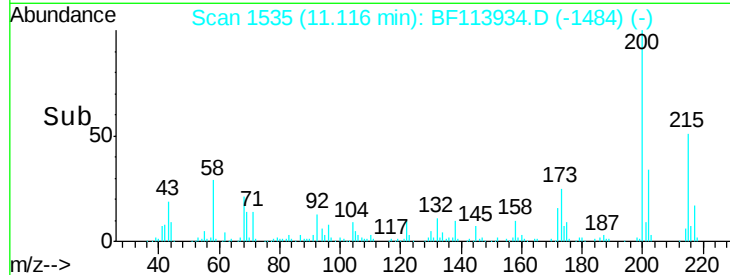
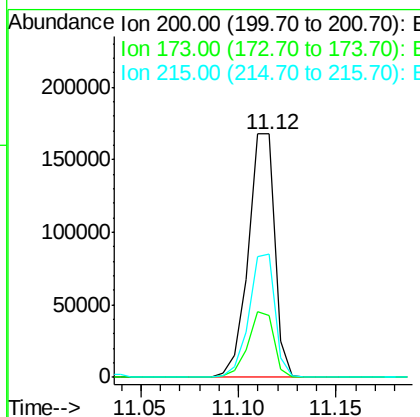
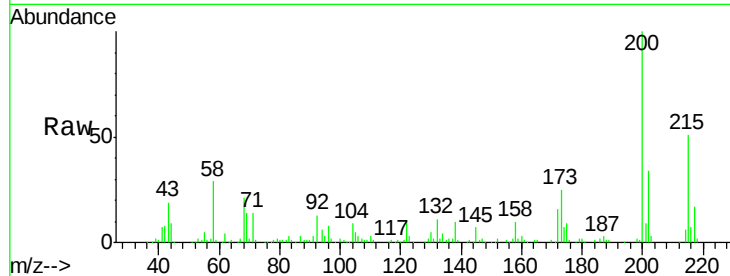




#69
 Atrazine
 Concen: 47.734 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

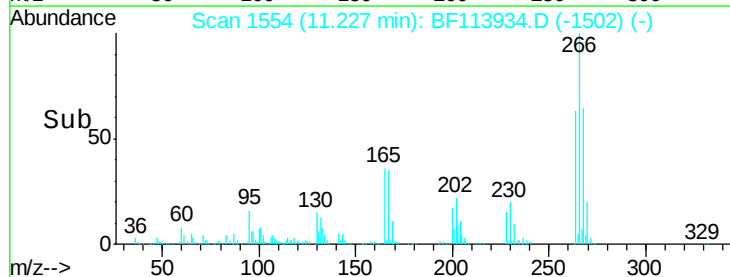
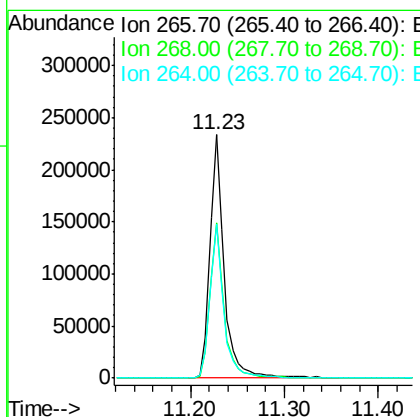
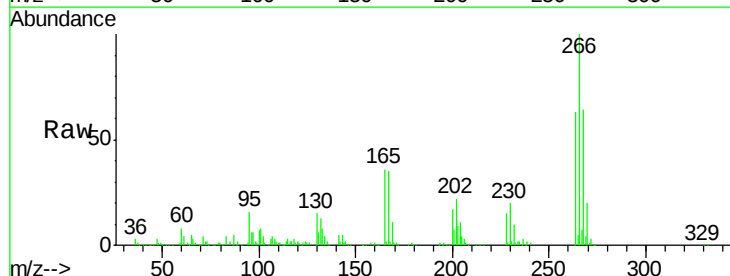
Instrument :
 BNA_F
 ClientSampleId :

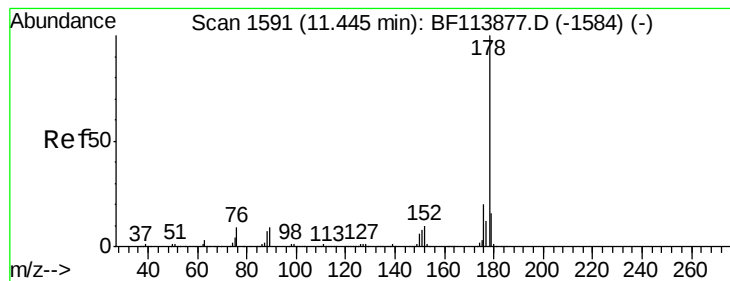
Tot Ion:200 Resp: 157765
 Ion Ratio Lower Upper
 200 100
 173 25.2 5.9 45.9
 215 50.5 29.3 69.3



#70
 Pentachlorophenol
 Concen: 98.406 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Tgt Ion:266 Resp: 250447
 Ion Ratio Lower Upper
 266 100
 268 63.9 53.5 80.3
 264 63.4 51.0 76.6





#71

Phenanthrene

Concen: 49.657 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

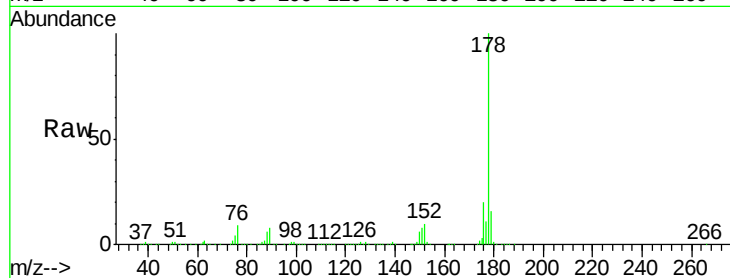
Tot Ion:178 Resp: 845009

Ion Ratio Lower Upper

178 100

176 20.2 16.1 24.1

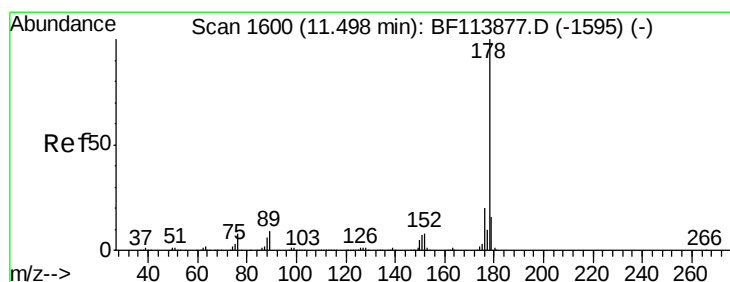
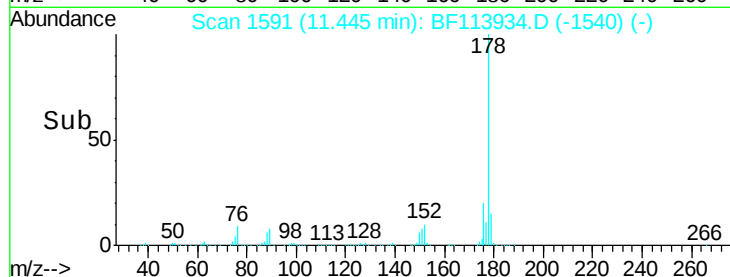
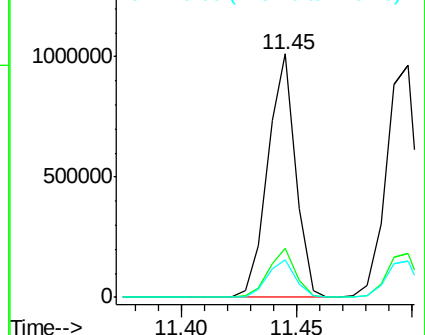
179 15.6 12.8 19.2



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: 51.435 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

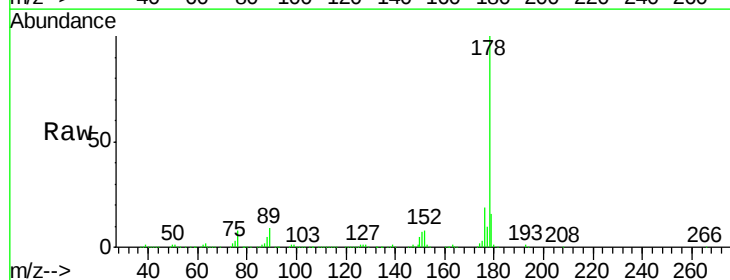
Tgt Ion:178 Resp: 883870

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

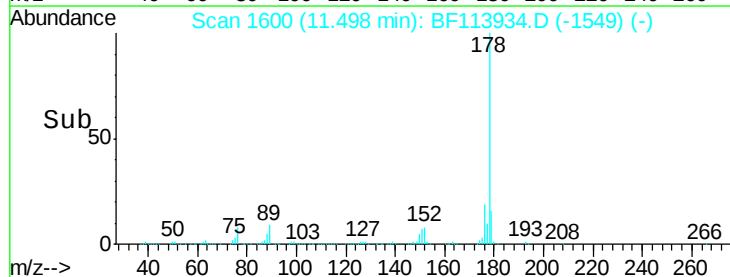
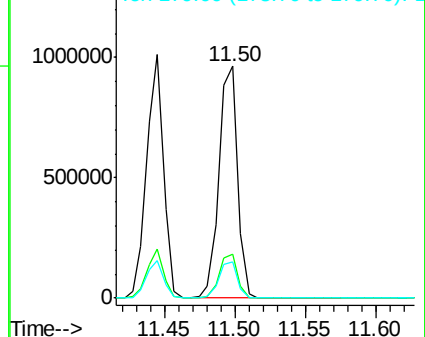
179 15.8 13.0 19.4

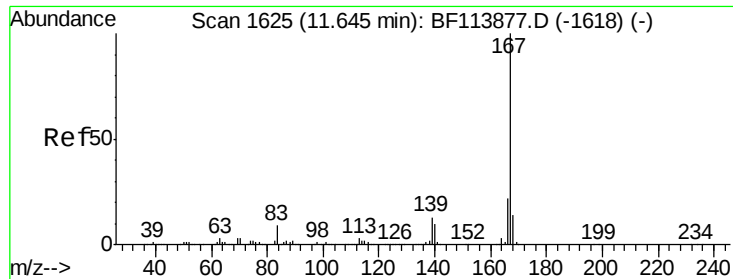


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

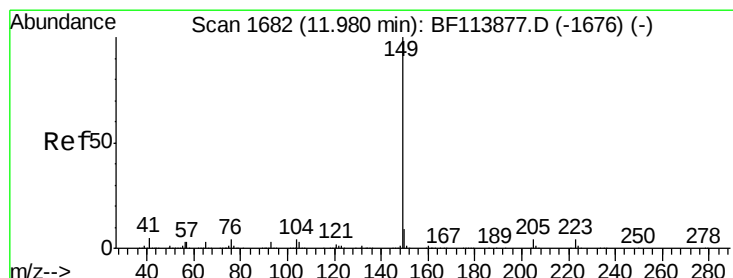
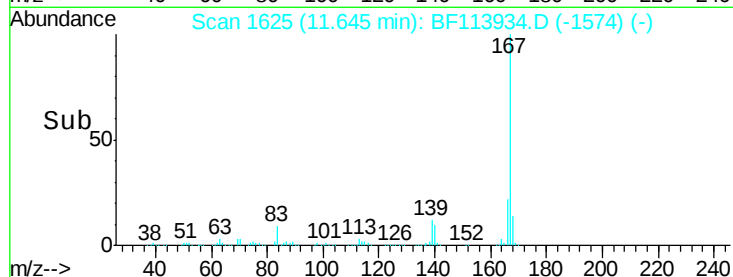
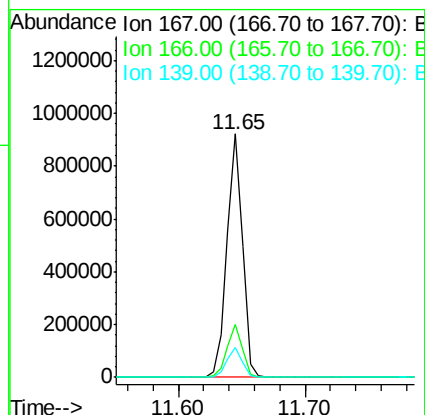
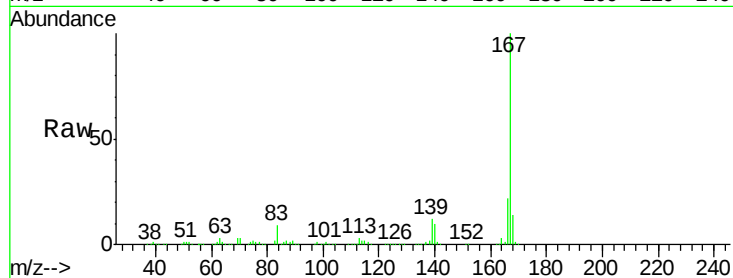




#73
 Carbazole
 Concen: 51.112 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

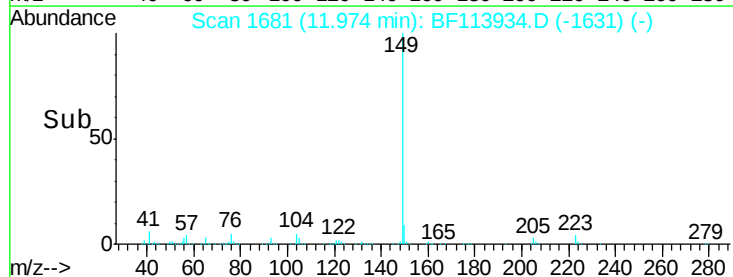
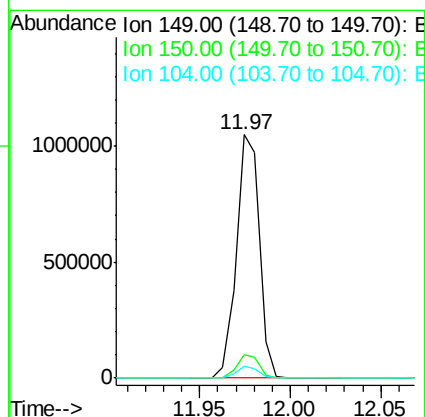
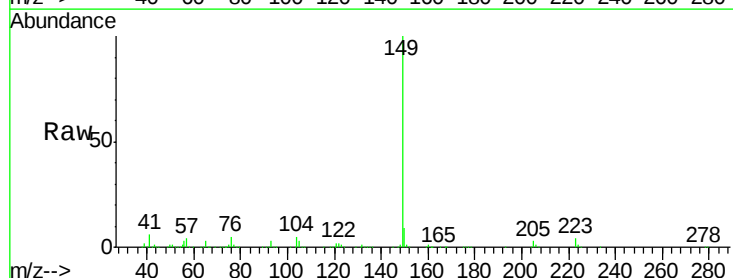
Instrument :
 BNA_F
 ClientSampleId :

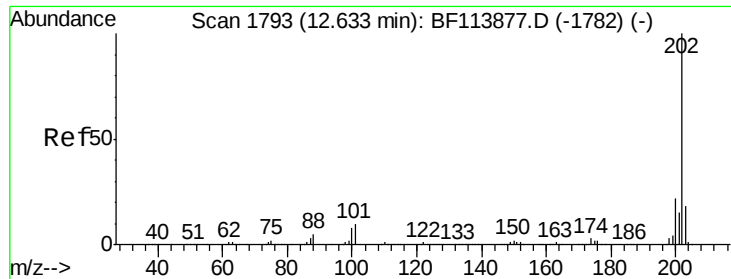
Tot Ion:167 Resp: 783585
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 12.3 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 51.186 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Tgt Ion:149 Resp: 923090
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.8
 104 4.7 3.8 5.8

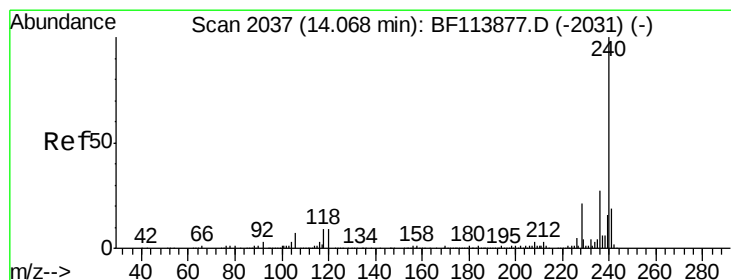
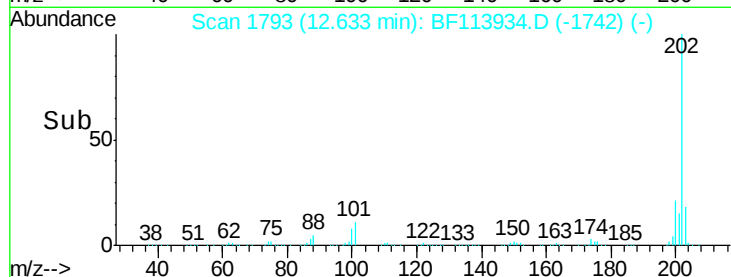
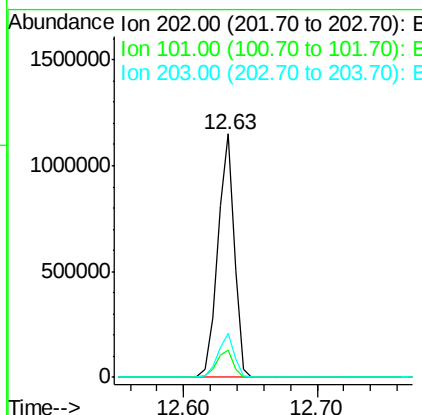
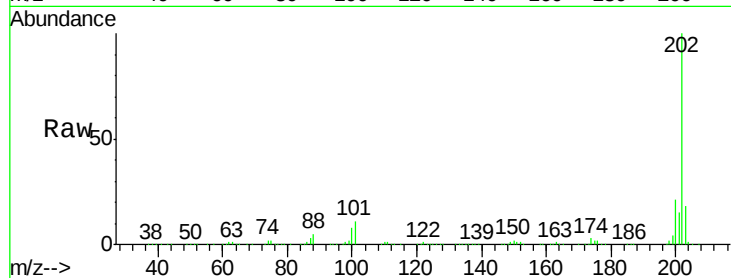




#75
Fluoranthene
Concen: 53.949 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

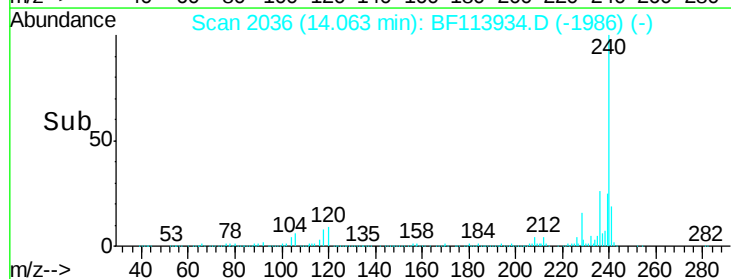
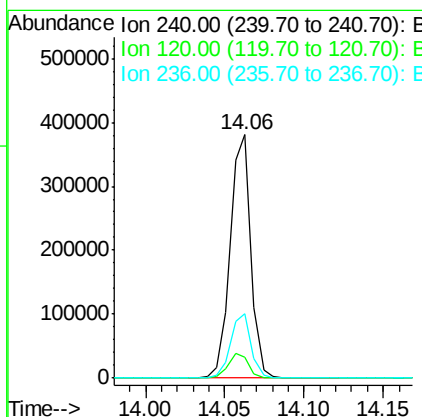
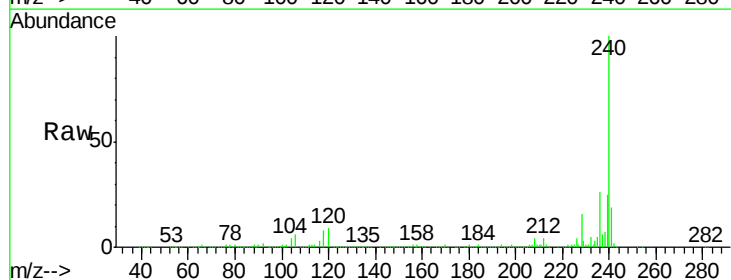
Instrument :
BNA_F
ClientSampleId :

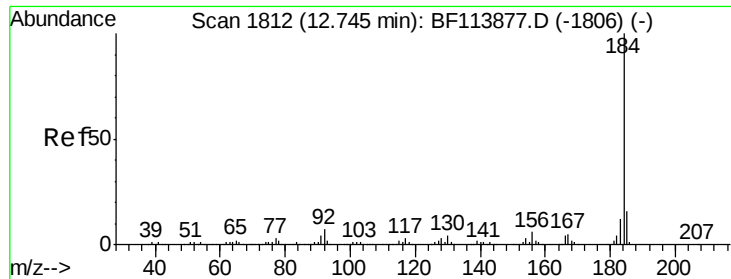
Tot Ion:202 Resp: 1001607
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.9
203 17.8 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion:240 Resp: 342204
Ion Ratio Lower Upper
240 100
120 8.7 9.3 13.9#
236 26.3 21.2 31.8





#77

Benzidine

Concen: 12.566 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

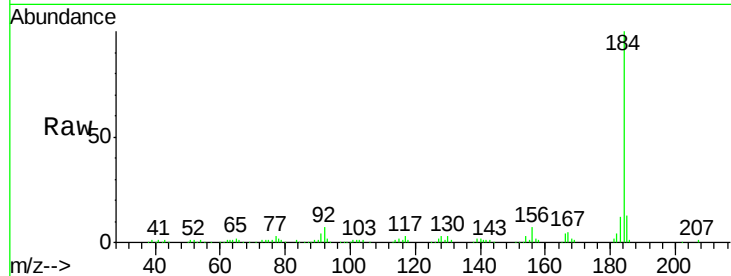
Tot Ion:184 Resp: 128121

Ion Ratio Lower Upper

184 100

185 13.3 13.0 19.6

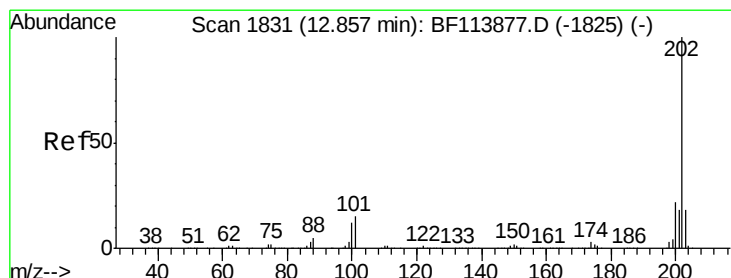
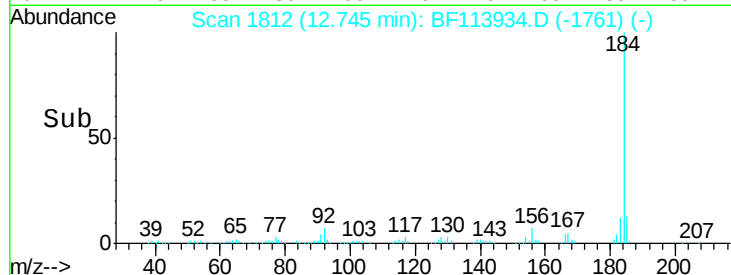
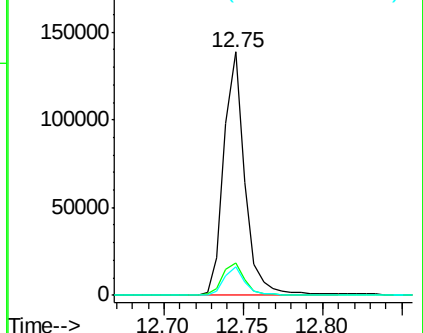
183 11.7 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.810 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

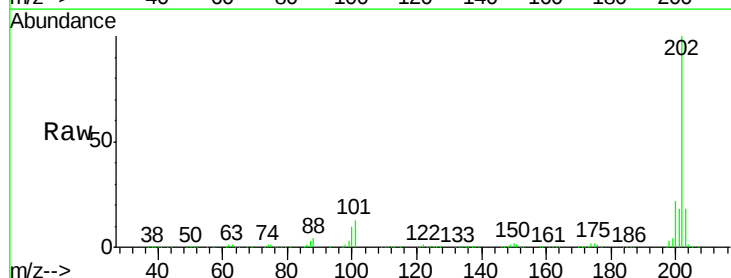
Tgt Ion:202 Resp: 1024491

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

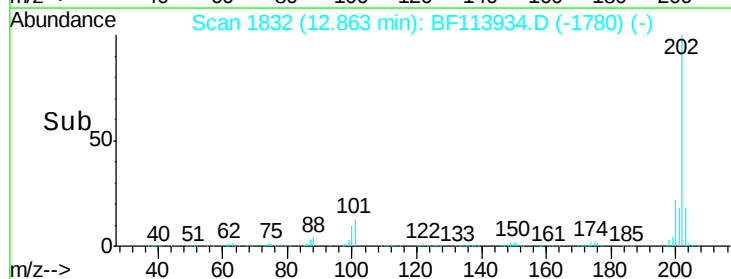
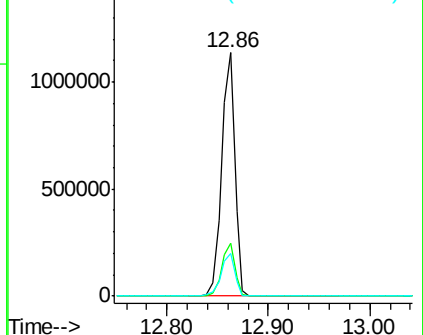
203 17.6 15.0 22.6

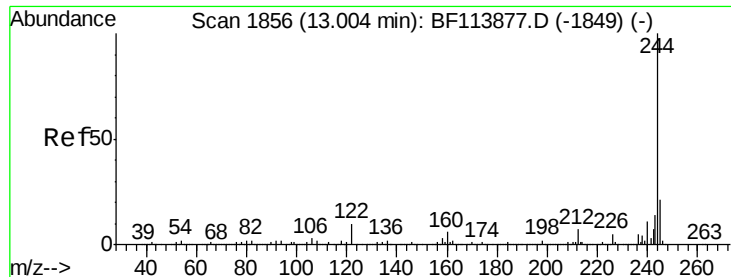


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.645 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

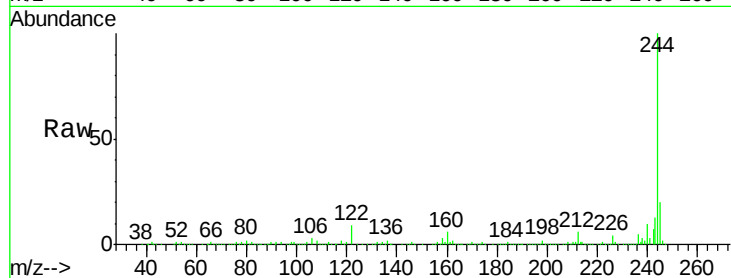
Tot Ion:244 Resp: 1412872

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

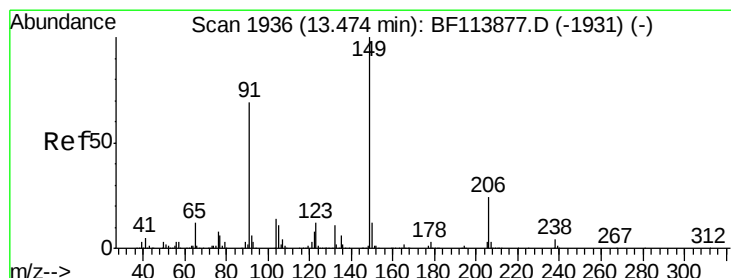
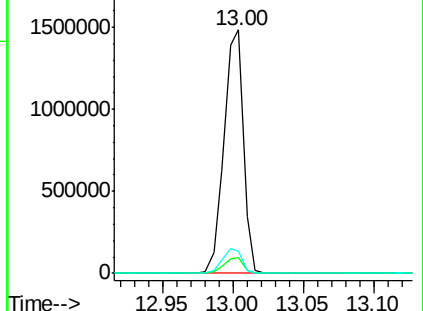
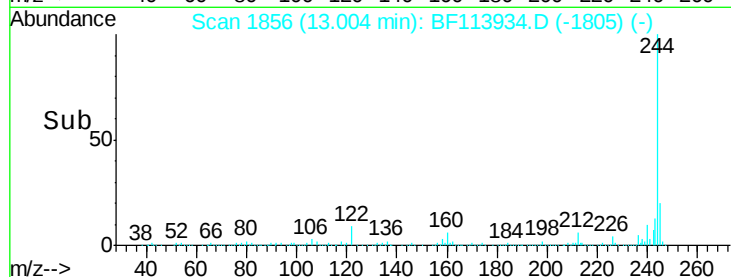
122 8.9 7.6 11.4



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: 46.523 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

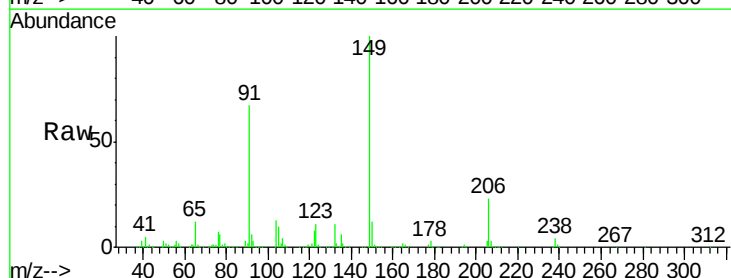
Tgt Ion:149 Resp: 438038

Ion Ratio Lower Upper

149 100

91 66.7 56.3 84.5

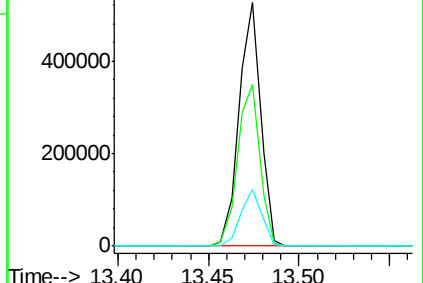
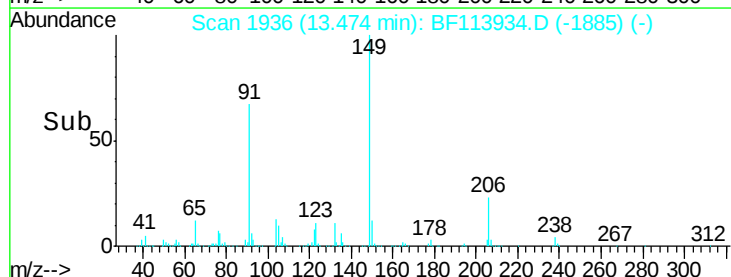
206 23.5 19.0 28.6

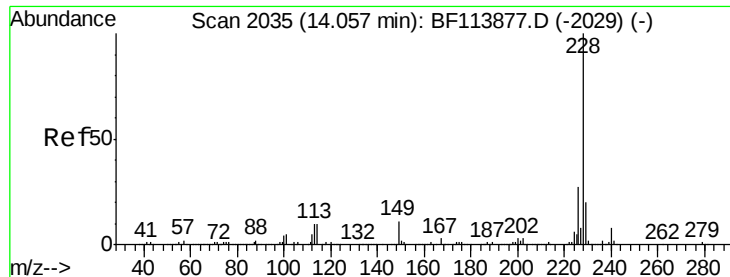


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.949 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

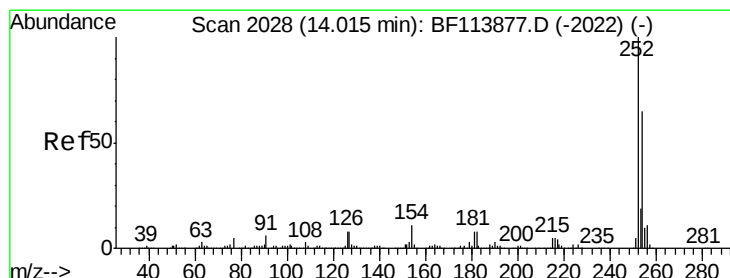
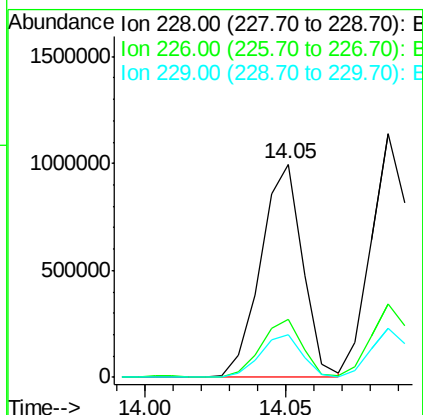
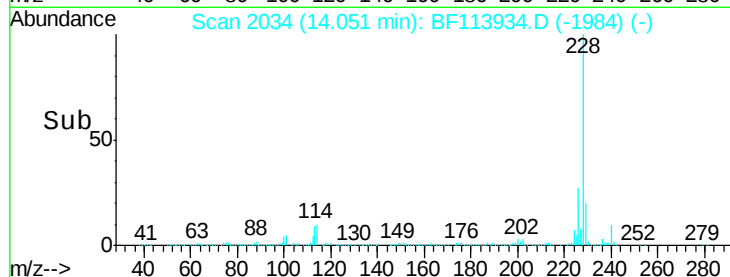
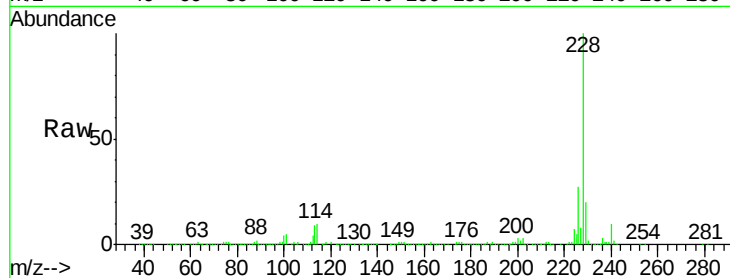
Tot Ion:228 Resp: 1027224

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.2
229	19.7	16.0	24.0

228 100

226 27.4 22.2 33.2

229 19.7 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 53.665 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

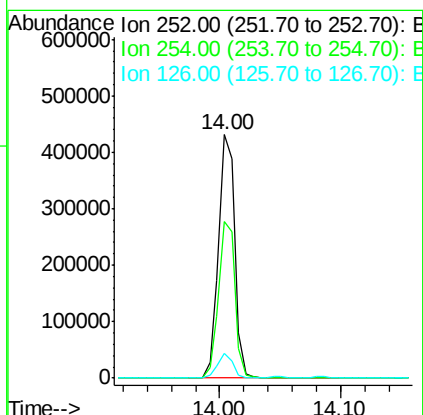
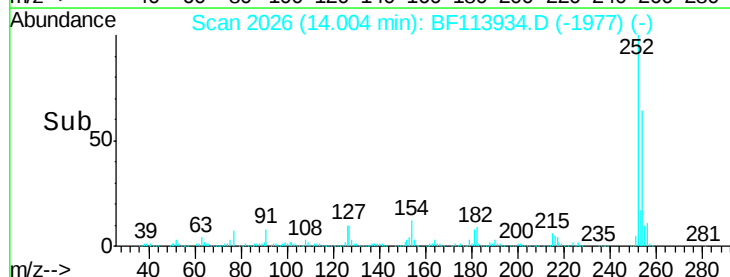
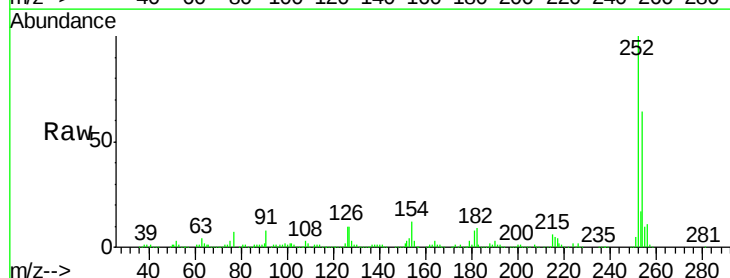
Tgt Ion:252 Resp: 396580

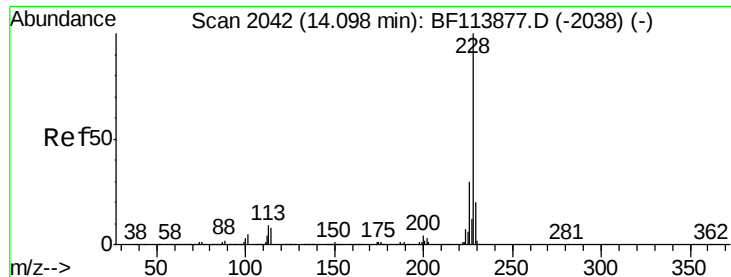
Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.1	78.1
126	10.0	9.3	13.9

252 100

254 64.1 52.1 78.1

126 10.0 9.3 13.9





#83

Chrysene

Concen: 51.822 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

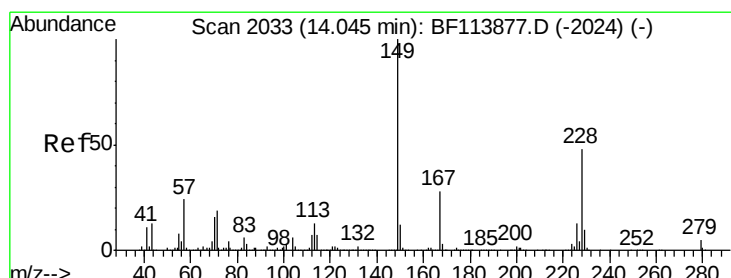
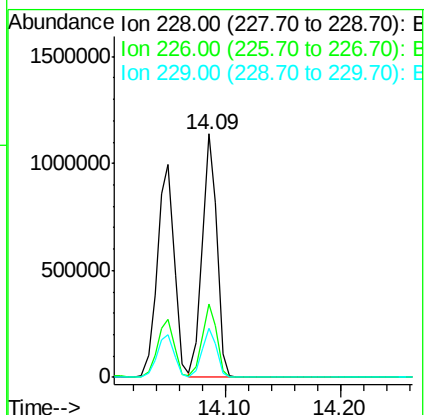
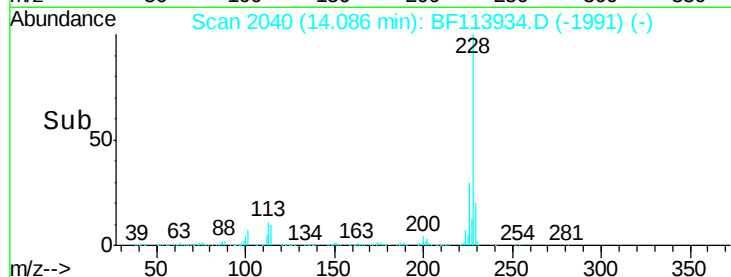
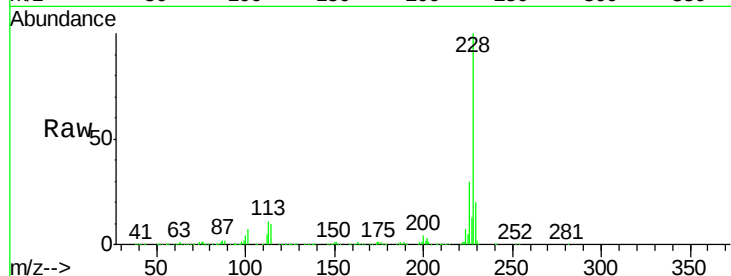
Tot Ion:228 Resp: 1017572

Ion Ratio Lower Upper

228 100

226 30.2 25.2 37.8

229 20.3 16.7 25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.503 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

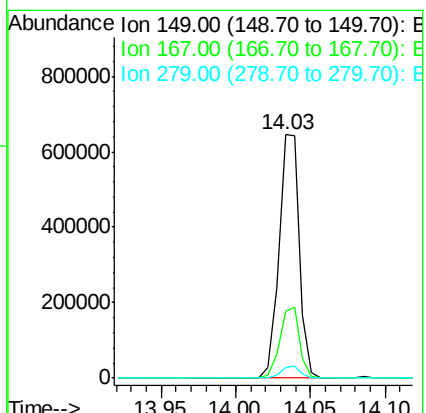
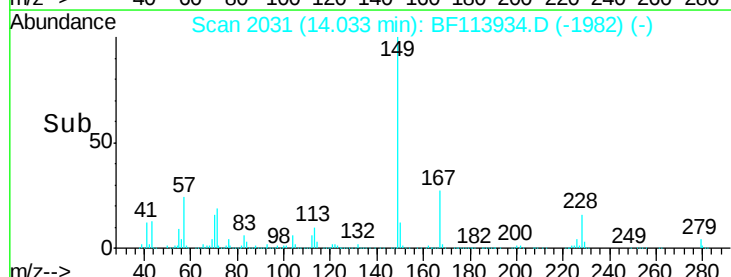
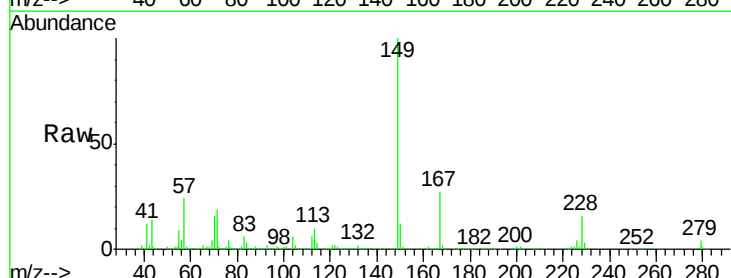
Tgt Ion:149 Resp: 616979

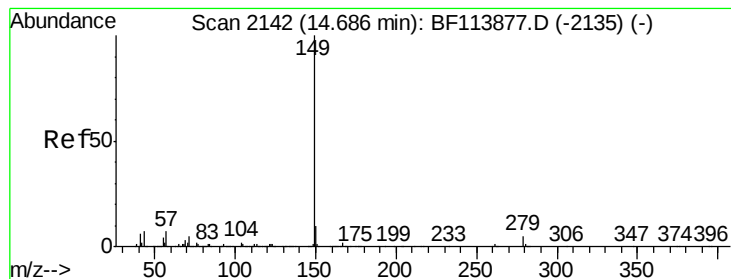
Ion Ratio Lower Upper

149 100

167 27.4 22.9 34.3

279 4.3 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 59.264 ng

RT: 14.66 min Scan# 2137

Delta R.T. -0.03 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

Instrument :

BNA_F

ClientSampleId :

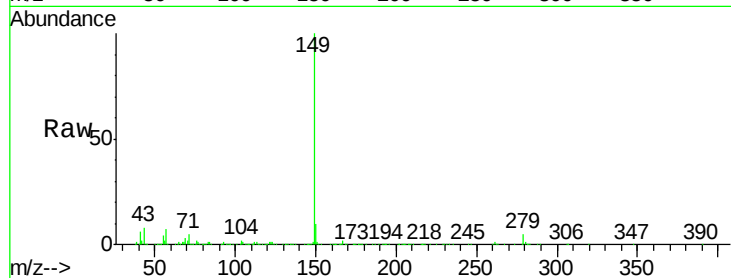
Tot Ion:149 Resp: 1111239

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

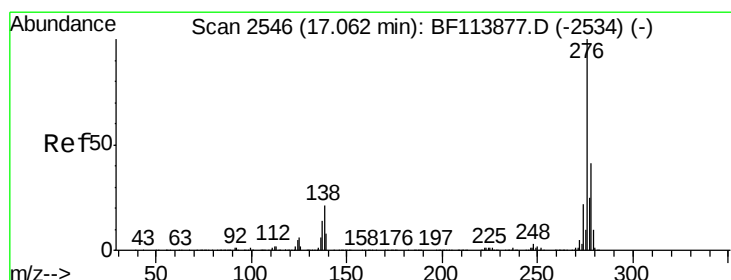
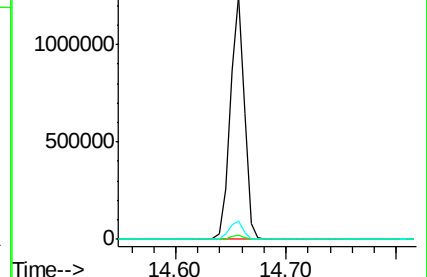
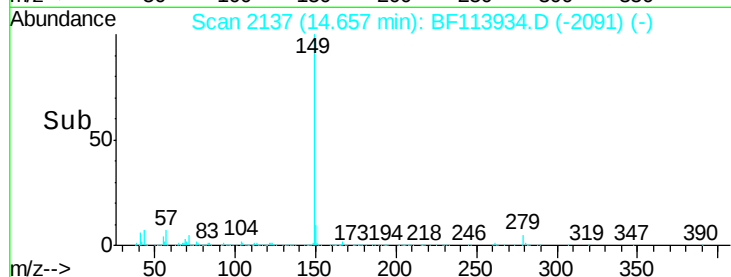
43 7.6 6.6 10.0



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: 42.181 ng

RT: 17.04 min Scan# 2542

Delta R.T. -0.02 min

Lab File: BF113934.D

Acq: 23 Apr 2019 21:25

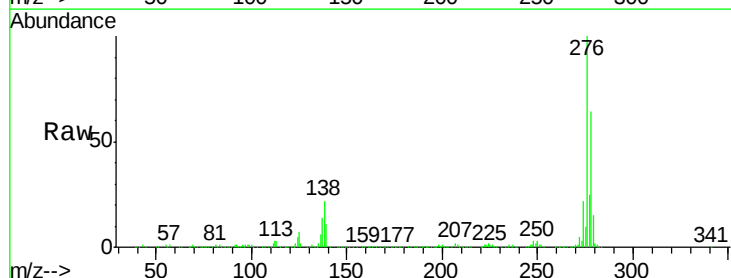
Tgt Ion:276 Resp: 784555

Ion Ratio Lower Upper

276 100

138 22.9 19.6 29.4

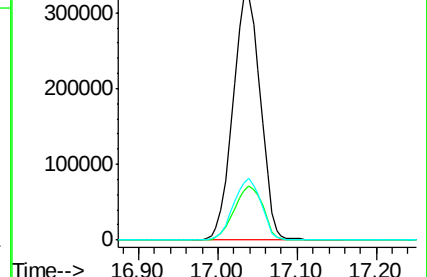
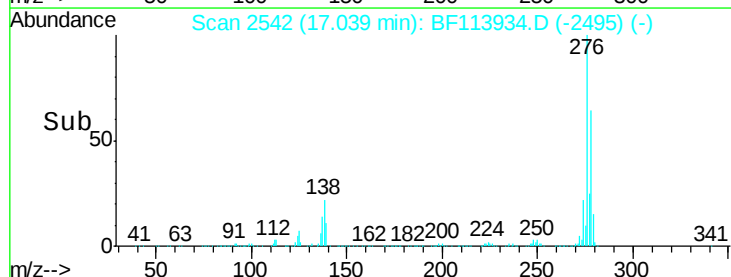
277 25.3 20.2 30.4

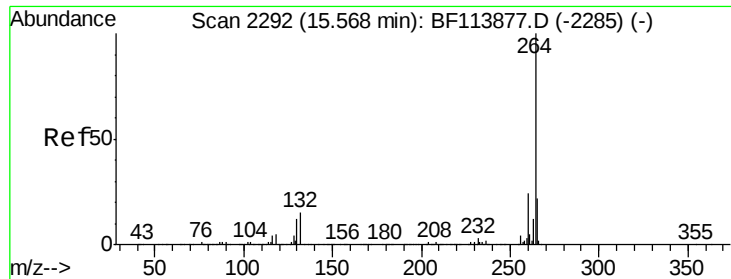


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

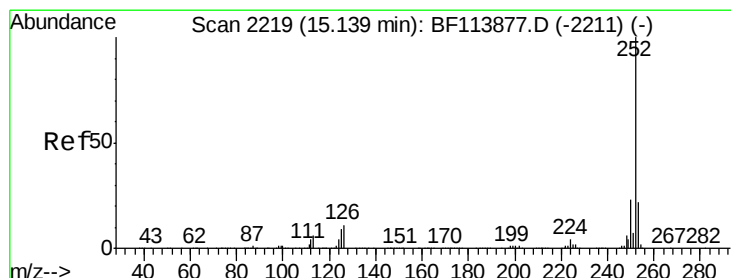
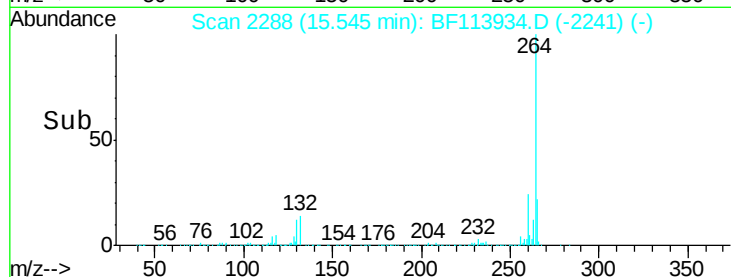
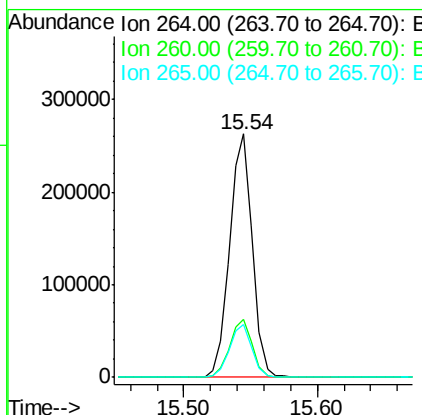
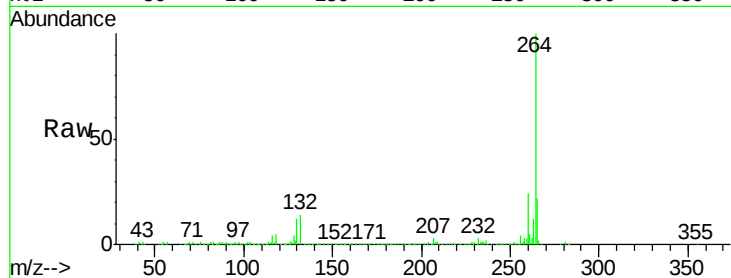




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.02 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

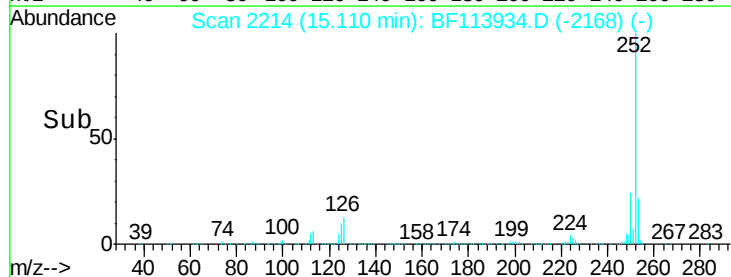
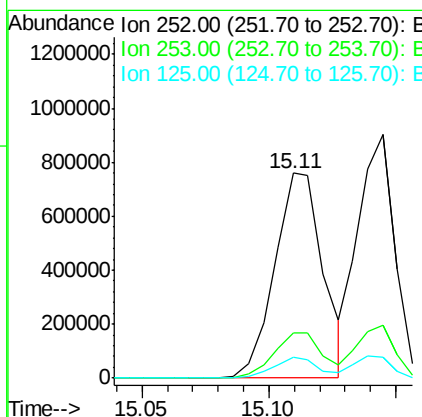
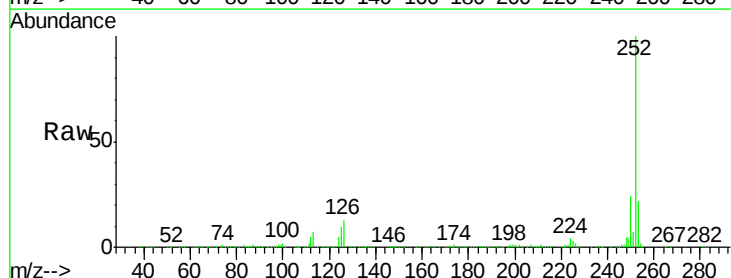
Instrument :
 BNA_F
 ClientSampleId :

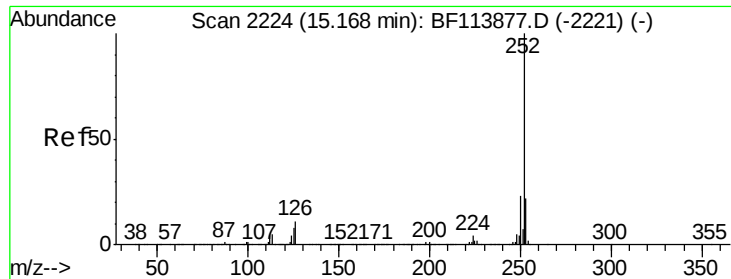
Tot Ion:264 Resp: 314214
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 21.7 17.3 25.9



#88
 Benzo(b)fluoranthene
 Concen: 50.903 ng
 RT: 15.11 min Scan# 2214
 Delta R.T. -0.03 min
 Lab File: BF113934.D
 Acq: 23 Apr 2019 21:25

Tgt Ion:252 Resp: 1011957
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.8 26.6
 125 9.9 7.0 10.6

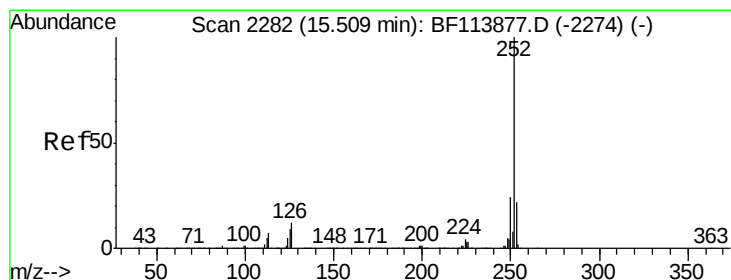
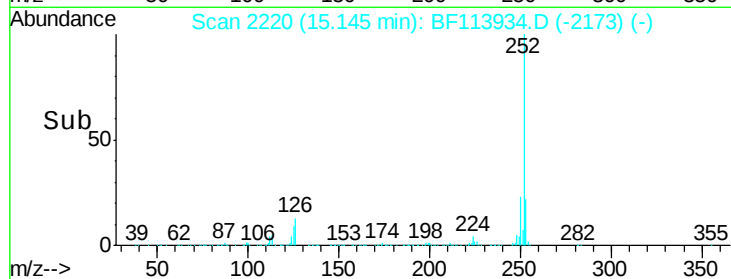
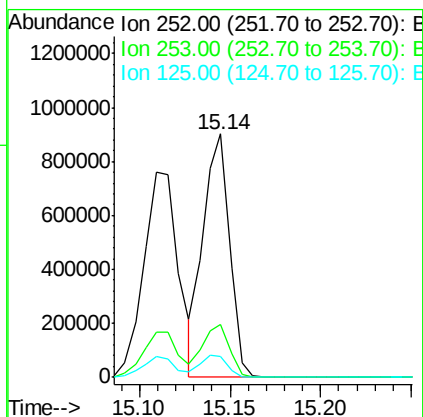
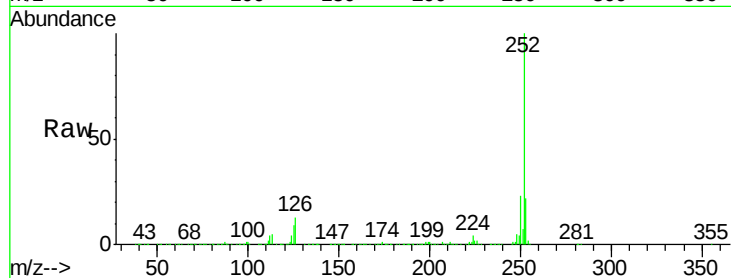




#89
Benzo(k)fluoranthene
Concen: 53.417 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

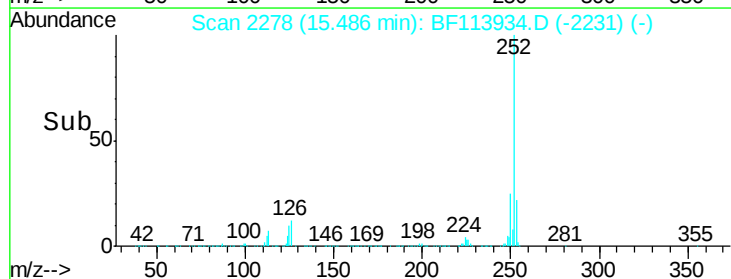
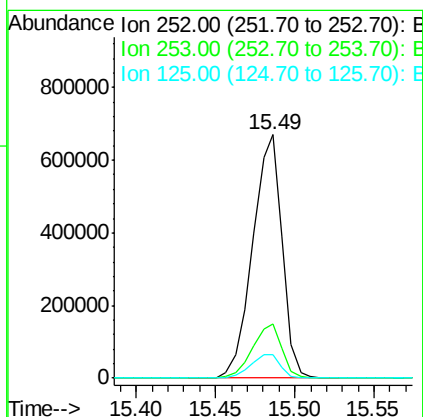
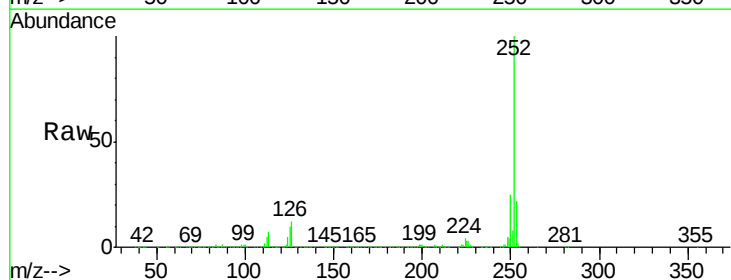
Instrument :
BNA_F
ClientSampleId :

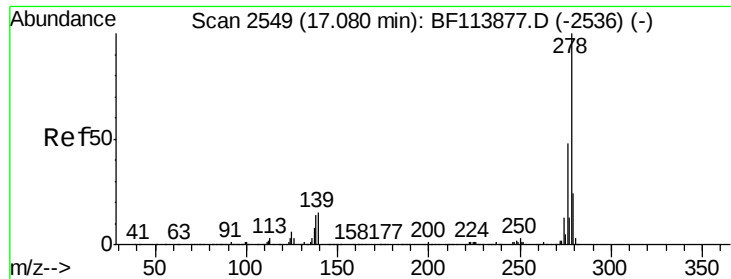
Tot Ion:252 Resp: 913452
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 8.6 7.4 11.2



#90
Benzo(a)pyrene
Concen: 50.362 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion:252 Resp: 865988
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.9 8.5 12.7

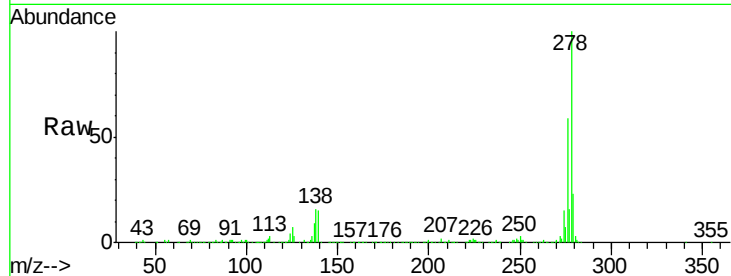




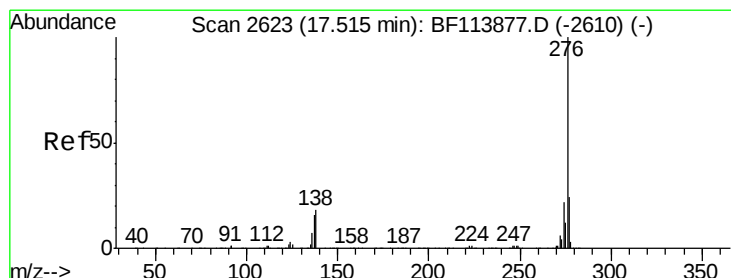
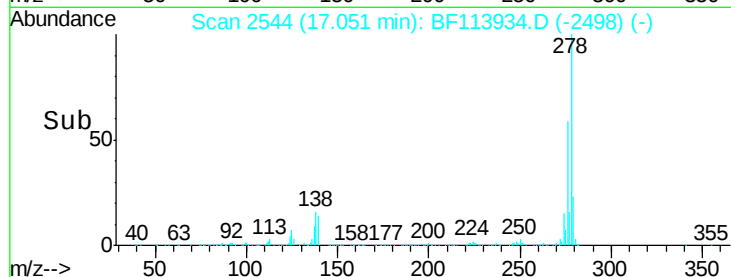
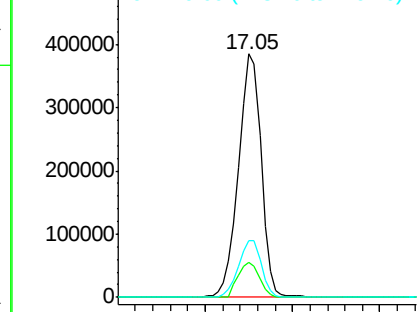
#91
Dibenzo(a,h)anthracene
Concen: 41.969 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.03 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 677439
Ion Ratio Lower Upper
278 100
139 14.5 11.6 17.4
279 23.4 19.0 28.6

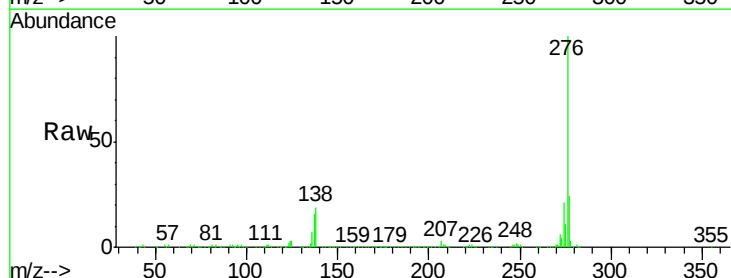


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.509 ng
RT: 17.49 min Scan# 2618
Delta R.T. -0.03 min
Lab File: BF113934.D
Acq: 23 Apr 2019 21:25

Tgt Ion:276 Resp: 627300
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 18.8 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

