

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113954.D
 Acq On : 24 Apr 2019 12:05
 Operator : JU/SJ
 Sample : K2515-07MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 25 01:21:03 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	149228	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	539715	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	276775	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	531522	20.00	ng	0.00
76) Chrysene-d12	14.06	240	331436	20.00	ng	-0.01
87) Perylene-d12	15.54	264	368340	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	989858	113.45	ng	0.01
7) Phenol-d6	6.53	99	1299093	118.68	ng	0.01
23) Nitrobenzene-d5	7.46	82	796617	91.13	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	409040	121.32	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1567565	88.58	ng	0.00
79) Terphenyl-d14	13.00	244	1646482	101.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	138033	33.561	ng	97
3) Pyridine	3.50	79	336612	29.984	ng	97
4) n-Nitrosodimethylamine	3.44	42	140482	36.556	ng	100
6) Aniline	6.56	93	274078	18.234	ng	100
8) 2-Chlorophenol	6.69	128	386432	38.793	ng	99
9) Benzaldehyde	6.45	77	107751	12.845	ng	92
10) Phenol	6.55	94	490085	37.441	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	379464	38.524	ng	96
12) 1,3-Dichlorobenzene	6.84	146	437191	38.752	ng	99
13) 1,4-Dichlorobenzene	6.92	146	442319	38.980	ng	99
14) 1,2-Dichlorobenzene	7.07	146	415982	39.889	ng	99
15) Benzyl Alcohol	7.03	79	292097	39.620	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	434704	37.806	ng	90
17) 2-Methylphenol	7.15	107	364116	41.700	ng	97
18) Hexachloroethane	7.41	117	152019	38.217	ng	93
19) n-Nitroso-di-n-propylamine	7.31	70	272561	38.449	ng	99
20) 3+4-Methylphenols	7.30	107	409767	41.536	ng	# 80
22) Acetophenone	7.30	105	541229	45.063	ng	# 94
24) Nitrobenzene	7.47	77	424714	43.972	ng	100
25) Isophorone	7.72	82	751770	42.032	ng	100
26) 2-Nitrophenol	7.79	139	208353	47.285	ng	97
27) 2,4-Dimethylphenol	7.83	122	322588	44.934	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	480794	42.185	ng	100
29) 2,4-Dichlorophenol	8.03	162	357090	43.497	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	395612	43.219	ng	99
31) Naphthalene	8.20	128	1126965	43.954	ng	99
32) Benzoic acid	7.90	122	29338	6.051	ng	97
33) 4-Chloroaniline	8.24	127	120299	11.089	ng	97
34) Hexachlorobutadiene	8.32	225	239306	41.937	ng	99
35) Caprolactam	8.61	113	68744	26.323	ng	89
36) 4-Chloro-3-methylphenol	8.73	107	352684	43.363	ng	99
37) 2-Methylnaphthalene	8.89	142	766940	44.358	ng	99
38) 1-Methylnaphthalene	8.99	142	722528	43.298	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	390893	43.478	ng	99

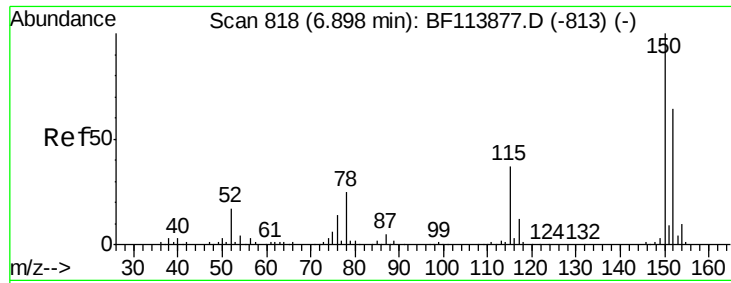
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113954.D
 Acq On : 24 Apr 2019 12:05
 Operator : JU/SJ
 Sample : K2515-07MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 25 01:21:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	432045	86.176	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	257730	45.145	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	285766	44.627	ng	100
46) 1,1'-Biphenyl	9.36	154	952419	45.045	ng	98
47) 2-Chloronaphthalene	9.38	162	769242	44.738	ng	98
48) 2-Nitroaniline	9.47	65	213198	47.299	ng	94
49) Acenaphthylene	9.80	152	1170748	43.493	ng	99
50) Dimethylphthalate	9.66	163	995486	49.732	ng	98
51) 2,6-Dinitrotoluene	9.71	165	202443	47.142	ng	92
52) Acenaphthene	9.97	154	720291	45.278	ng	98
53) 3-Nitroaniline	9.87	138	96766	21.443	ng	99
54) 2,4-Dinitrophenol	9.99	184	93084	53.209	ng	# 3
55) Dibenzofuran	10.14	168	1060135	44.489	ng	97
56) 4-Nitrophenol	10.05	139	296775	83.061	ng	99
57) 2,4-Dinitrotoluene	10.12	165	273135	50.390	ng	98
58) Fluorene	10.48	166	796445	44.394	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	232607	41.336	ng	98
60) Diethylphthalate	10.35	149	849792	44.706	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	419187	44.120	ng	99
62) 4-Nitroaniline	10.49	138	193038	43.836	ng	99
63) Azobenzene	10.63	77	794230	43.111	ng	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	85322	36.998	ng	93
66) n-Nitrosodiphenylamine	10.59	169	721569	45.244	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	277535	43.223	ng	97
68) Hexachlorobenzene	11.03	284	303287	42.983	ng	98
69) Atrazine	11.12	200	238956	46.059	ng	99
70) Pentachlorophenol	11.23	266	274184	68.631	ng	96
71) Phenanthrene	11.45	178	1199441	44.903	ng	99
72) Anthracene	11.50	178	1220265	45.237	ng	99
73) Carbazole	11.65	167	1062479	44.150	ng	99
74) Di-n-butylphthalate	11.97	149	1249082	44.123	ng	100
75) Fluoranthene	12.63	202	1196767	41.065	ng	97
77) Benzidine	12.75	184	182445	18.475	ng	98
78) Pyrene	12.86	202	1173442	50.628	ng	99
80) Butylbenzylphthalate	13.47	149	468715	51.398	ng	97
81) Benzo(a)anthracene	14.04	228	904071	46.297	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	176825	24.705	ng	# 98
83) Chrysene	14.09	228	915935	48.161	ng	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	608399	52.437	ng	98
85) Di-n-octyl phthalate	14.66	149	929907	51.204	ng	98
86) Indeno(1,2,3-cd)pyrene	17.04	276	1205995	66.946	ng	98
88) Benzo(b)fluoranthene	15.12	252	914784	39.253	ng	99
89) Benzo(k)fluoranthene	15.14	252	921551	45.972	ng	99
90) Benzo(a)pyrene	15.49	252	926511	45.964	ng	100
91) Dibenzo(a,h)anthracene	17.06	278	1005573	53.143	ng	99
92) Benzo(g,h,i)perylene	17.50	276	1044946	54.722	ng	98

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

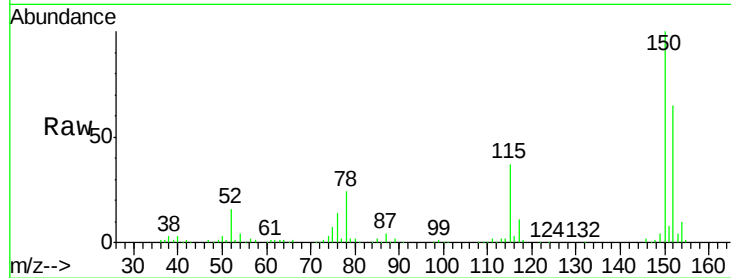


#1

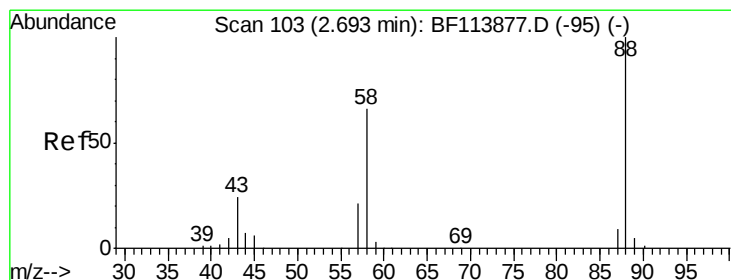
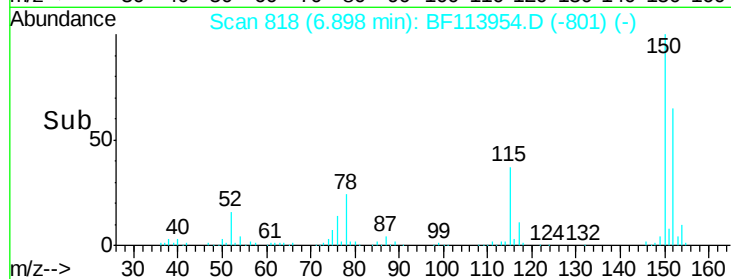
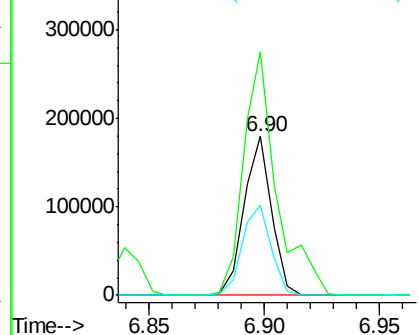
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149228
Ion Ratio Lower Upper
152 100
150 153.4 125.9 188.9
115 56.5 45.9 68.9



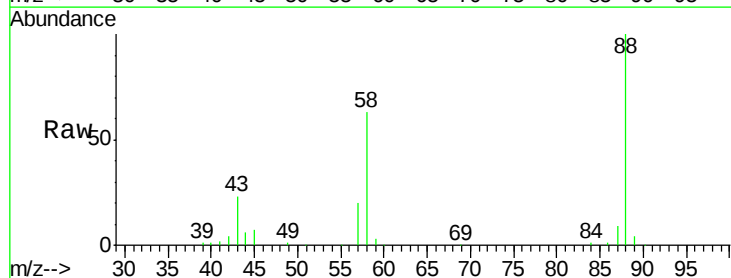
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



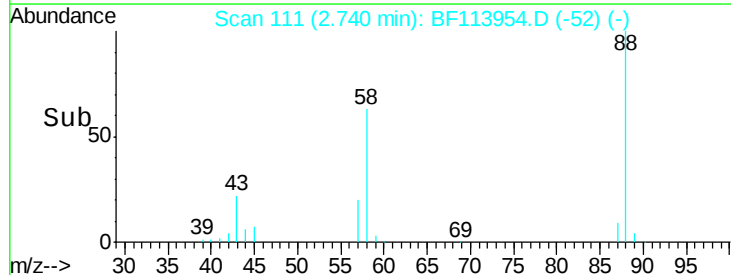
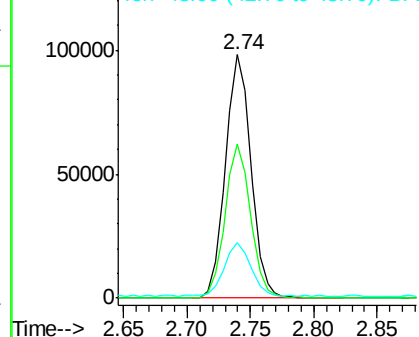
#2

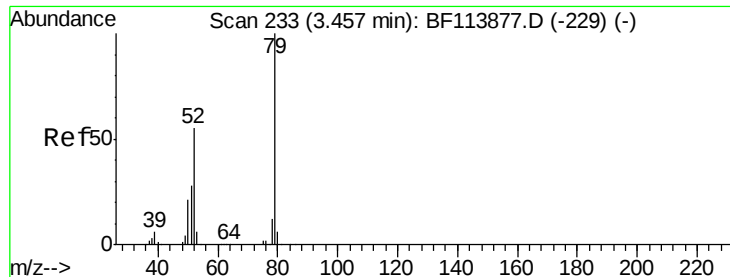
1,4-Dioxane
Concen: 33.561 ng
RT: 2.74 min Scan# 111
Delta R.T. 0.05 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

Tgt Ion: 88 Resp: 138033
Ion Ratio Lower Upper
88 100
58 63.4 53.3 79.9
43 23.2 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

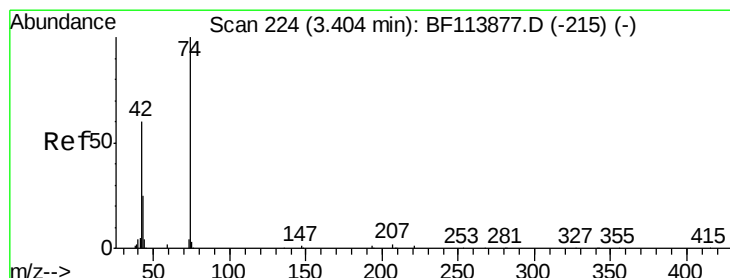
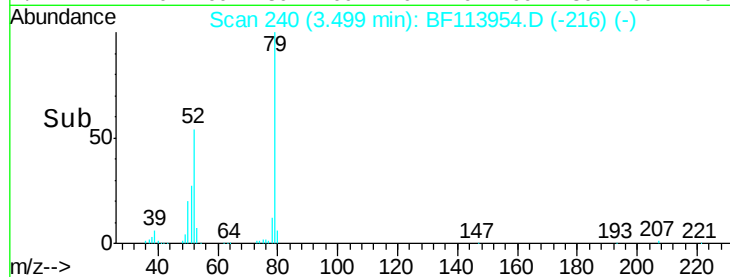
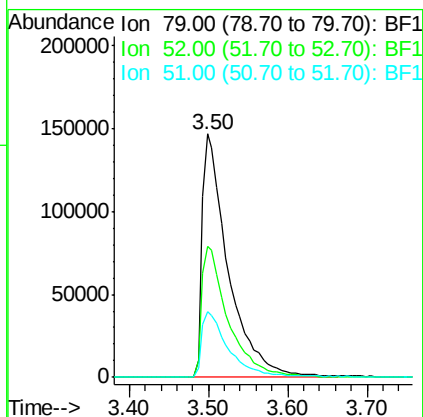
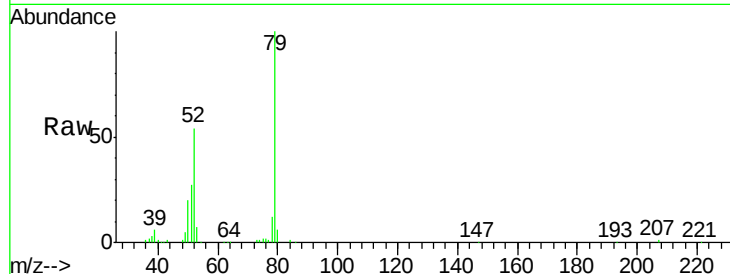




#3
 Pvridine
 Concen: 29.984 ng
 RT: 3.50 min Scan# 240
 Delta R.T. 0.04 min
 Lab File: BF113954.D
 Acq: 24 Apr 2019 12:05

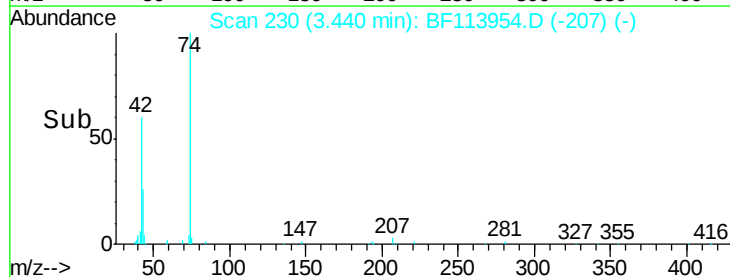
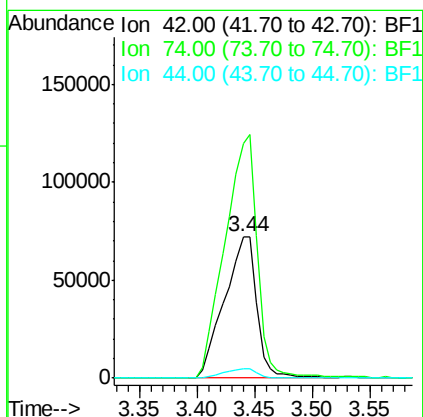
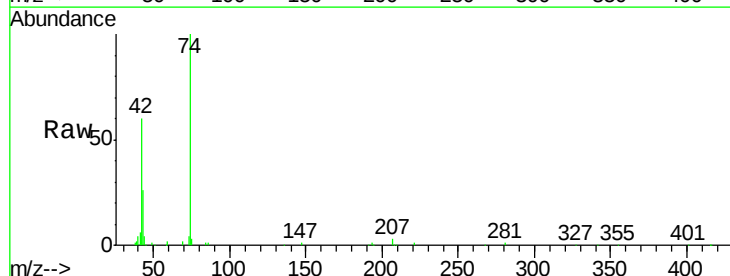
Instrument :
 BNA_F
 ClientSampleId :

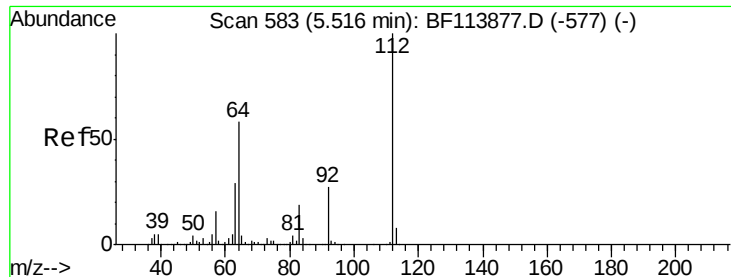
Tot Ion	Ratio	Lower	Upper
79	100		
52	53.6	45.3	67.9
51	27.2	22.1	33.1



#4
 n-Nitrosodimethylamine
 Concen: 36.556 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.04 min
 Lab File: BF113954.D
 Acq: 24 Apr 2019 12:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	165.9	132.6	198.8
44	6.8	5.8	8.8





#5

2-Fluorophenol

Concen: 113.451 ng

RT: 5.53 min Scan# 585

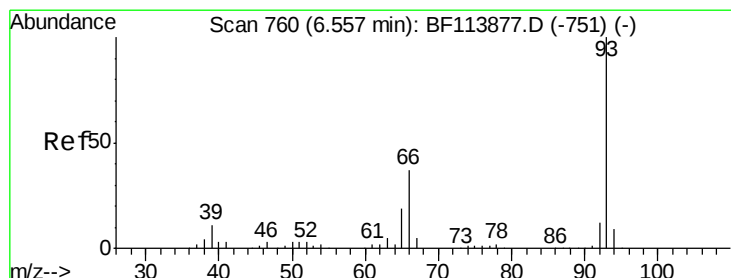
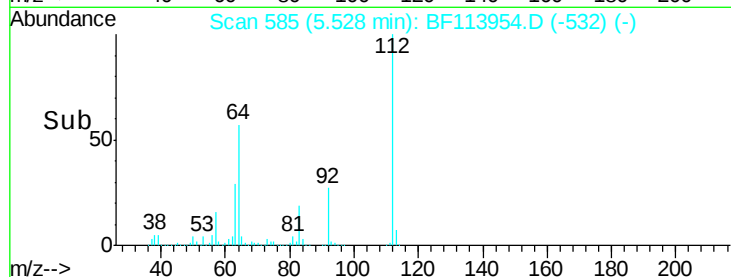
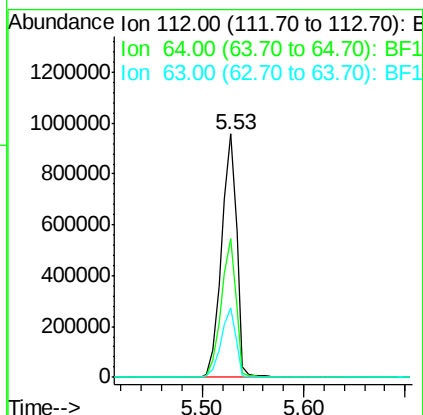
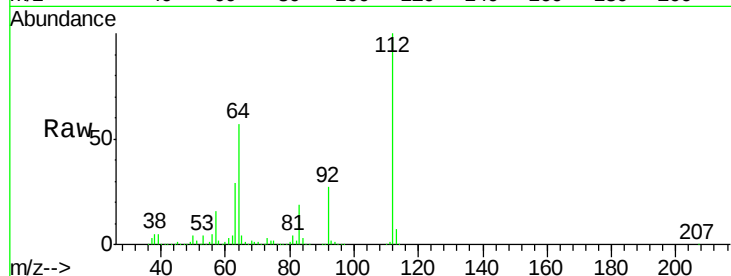
Delta R.T. 0.01 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	989858
Ion	Ratio	Lower	Upper
112	100		
64	56.9	46.6	69.8
63	28.6	23.1	34.7



#6

Aniline

Concen: 18.234 ng

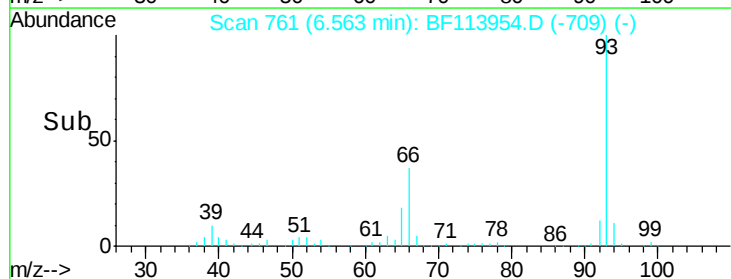
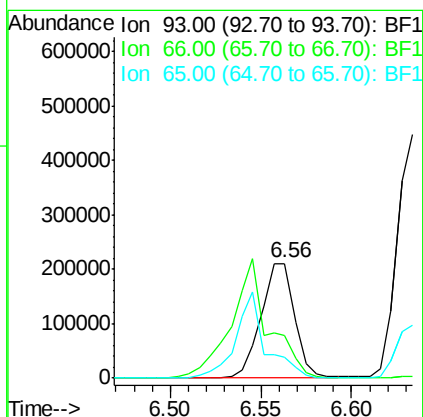
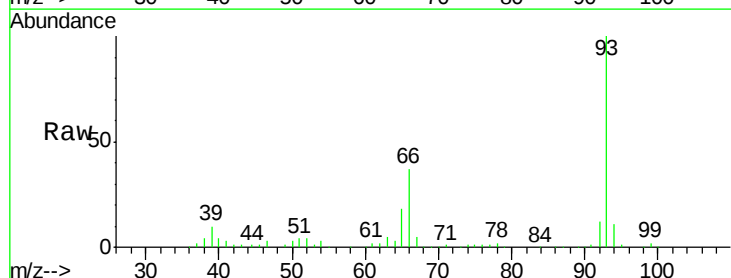
RT: 6.56 min Scan# 761

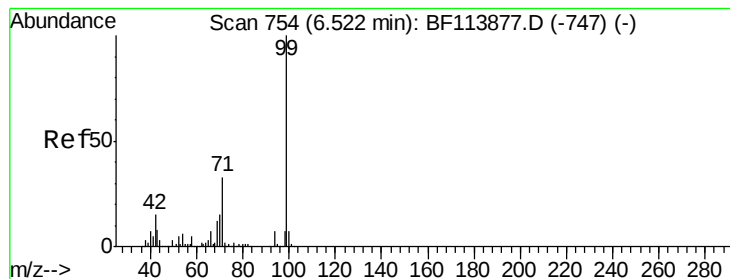
Delta R.T. 0.01 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

Tgt Ion:	93	Resp:	274078
Ion	Ratio	Lower	Upper
93	100		
66	37.1	29.8	44.6
65	18.3	14.9	22.3





#7

Phenol-d6

Concen: 118.676 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

Instrument :

BNA_F

ClientSampleId :

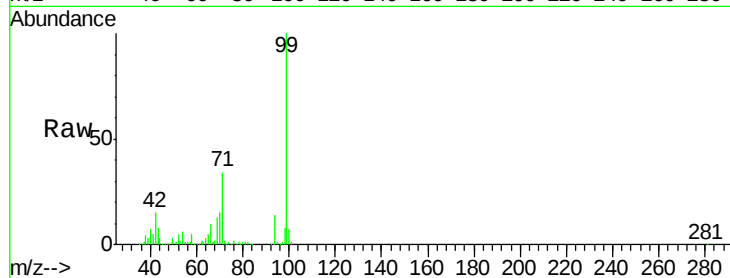
Tot Ion: 99 Resp: 1299093

Ion Ratio Lower Upper

99 100

42 15.0 12.5 18.7

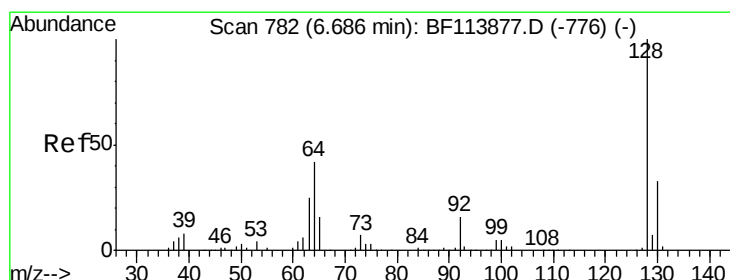
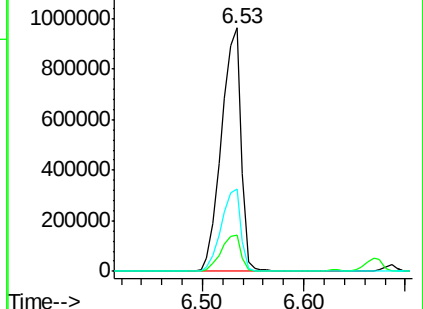
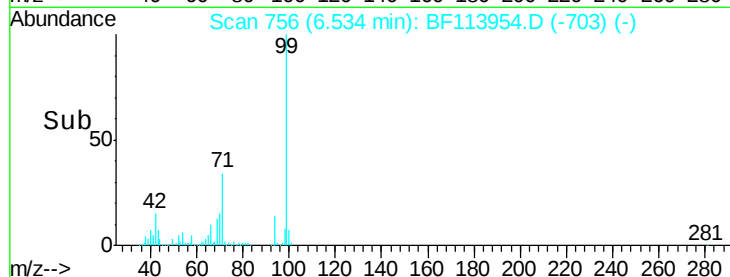
71 33.6 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.793 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

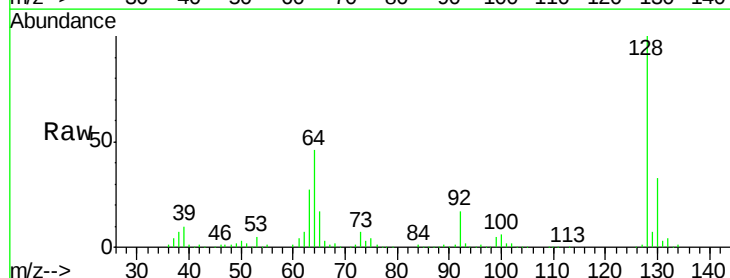
Tgt Ion: 128 Resp: 386432

Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

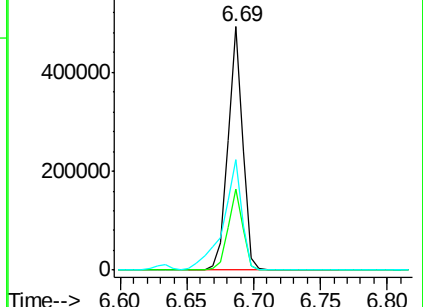
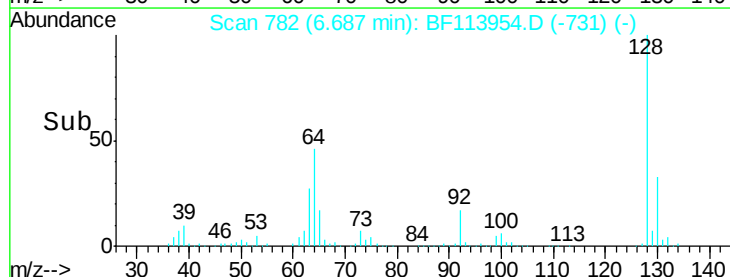
64 45.5 26.1 66.1

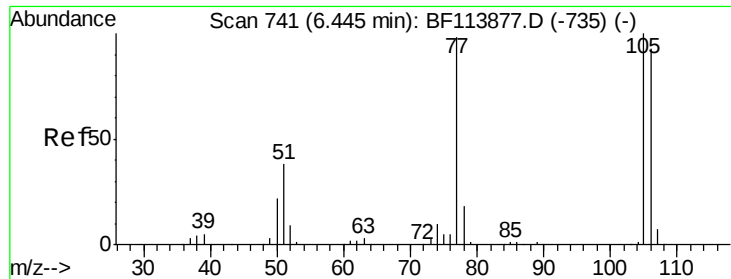


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.845 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

Instrument :

BNA_F

ClientSampleId :

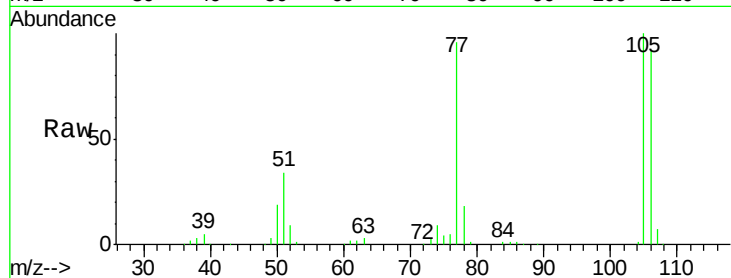
Tot Ion: 77 Resp: 107751

Ion Ratio Lower Upper

77 100

105 104.1 74.1 114.1

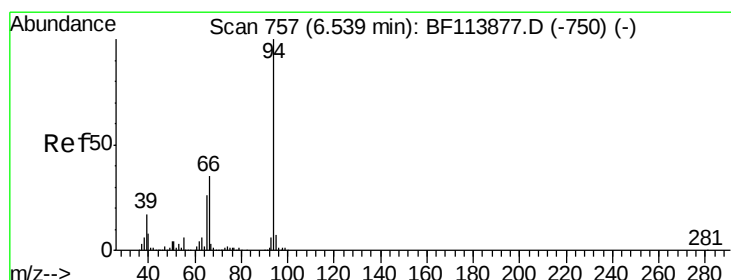
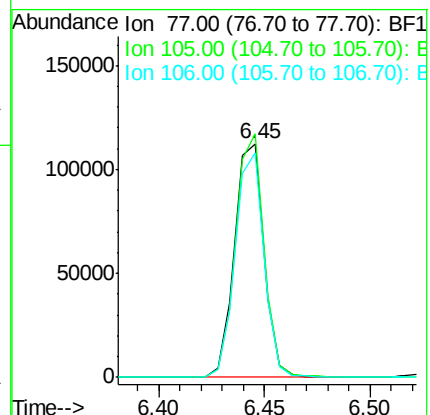
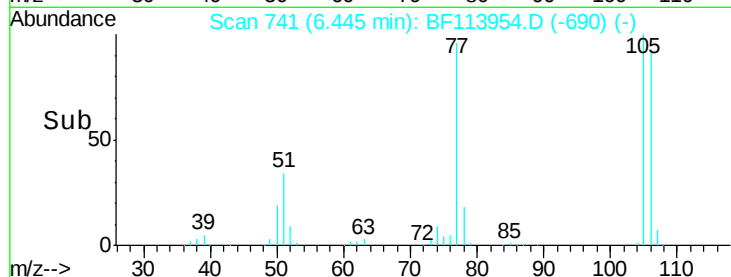
106 96.2 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.441 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

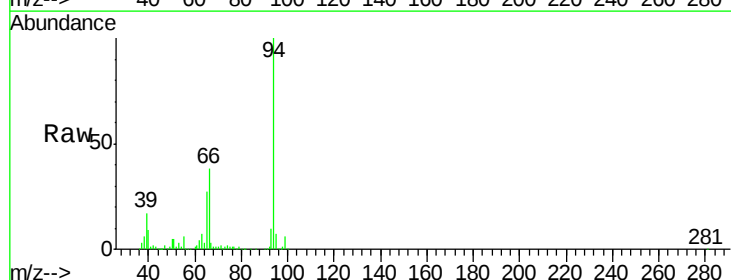
Tgt Ion: 94 Resp: 490085

Ion Ratio Lower Upper

94 100

65 27.1 8.1 48.1

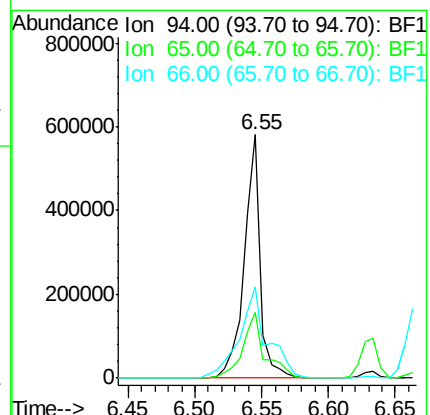
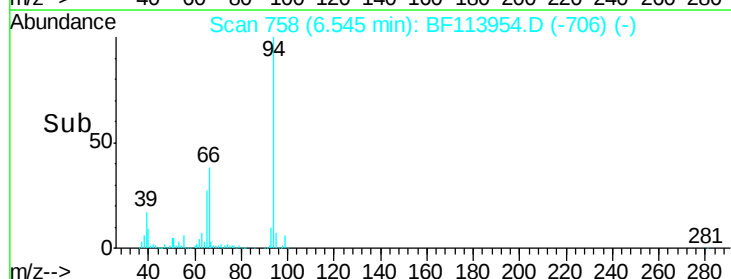
66 37.7 16.6 56.6

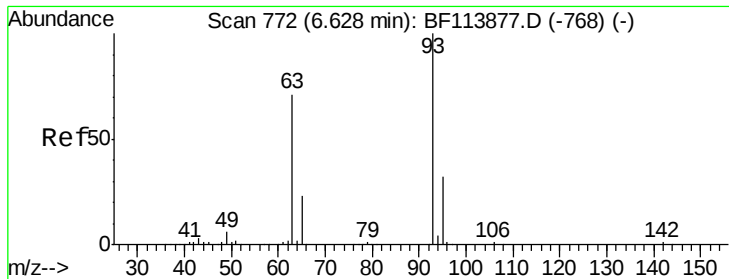


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

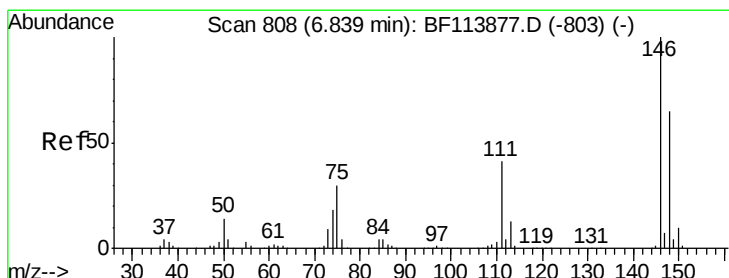
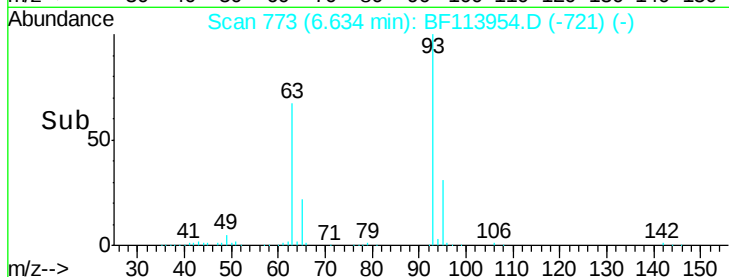
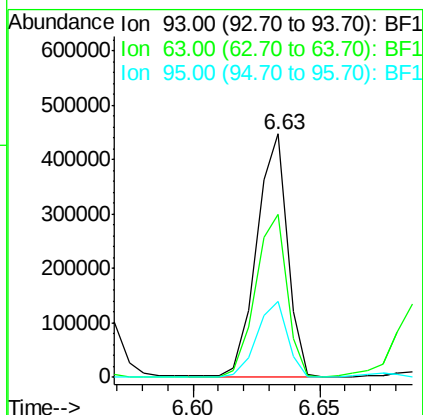
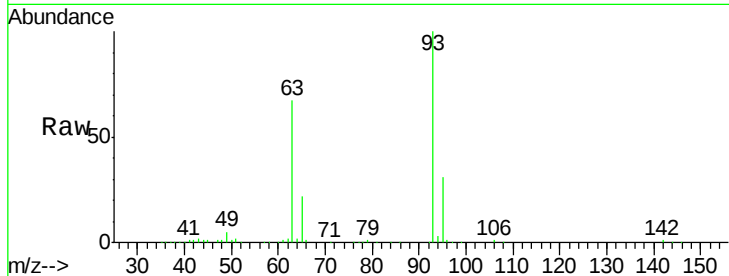




#11
bis(2-Chloroethyl)ether
Concen: 38.524 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

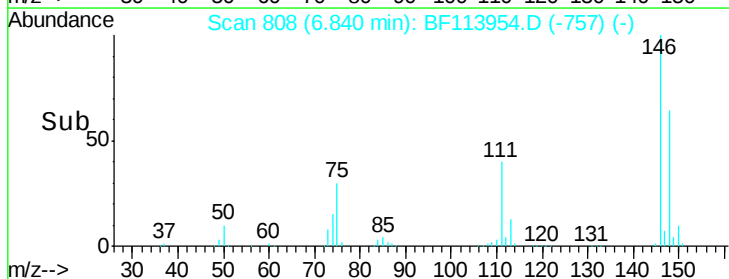
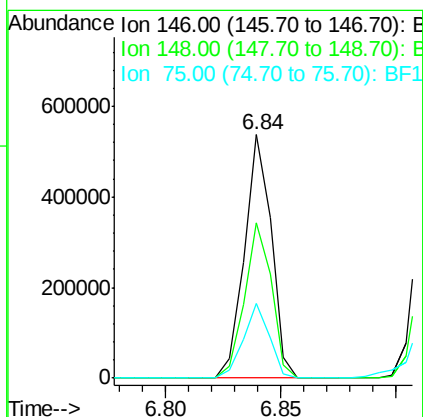
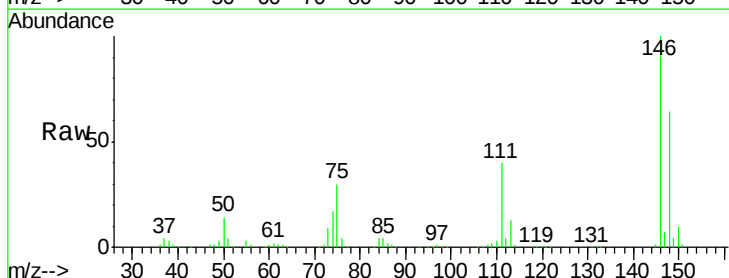
Instrument :
BNA_F
ClientSampleId :

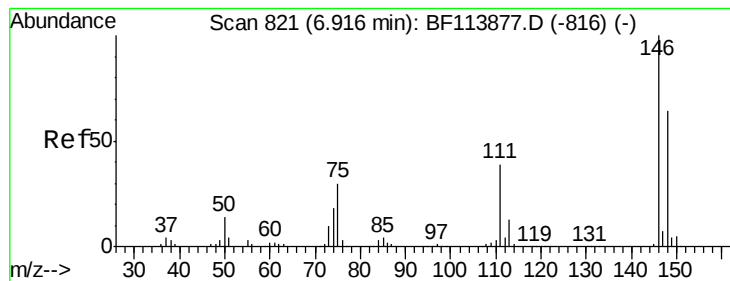
Tot Ion: 93 Resp: 379464
Ion Ratio Lower Upper
93 100
63 67.0 50.7 90.7
95 31.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.752 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

Tgt Ion: 146 Resp: 437191
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
75 30.5 23.8 35.8





#13

1,4-Dichlorobenzene

Concen: 38.980 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

Instrument :

BNA_F

ClientSampleId :

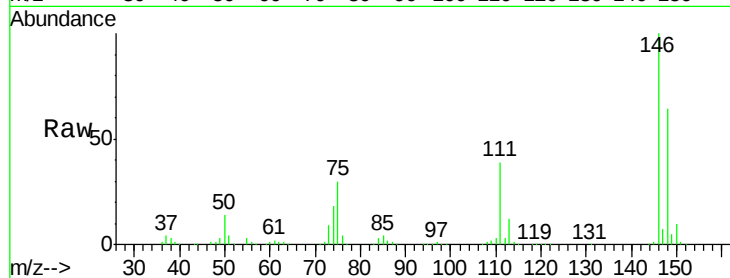
Tot Ion:146 Resp: 442319

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

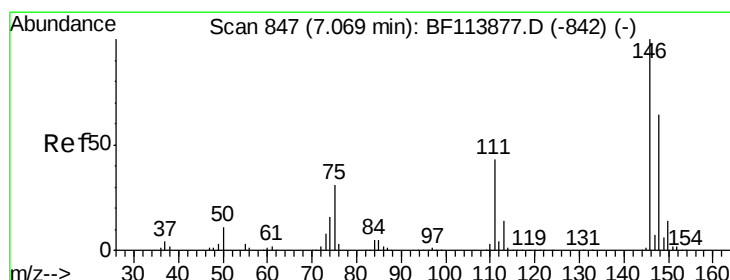
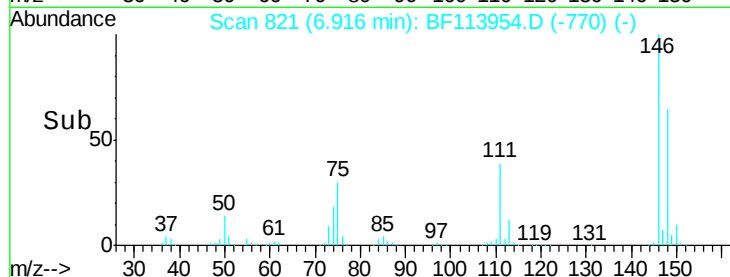
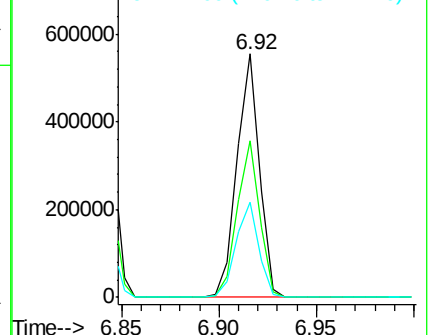
111 38.9 30.9 46.3



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: 39.889 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

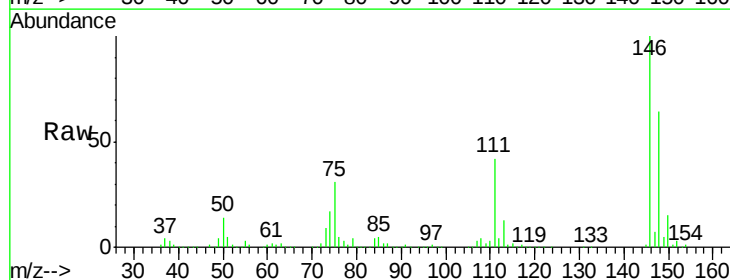
Tgt Ion:146 Resp: 415982

Ion Ratio Lower Upper

146 100

148 63.8 52.1 78.1

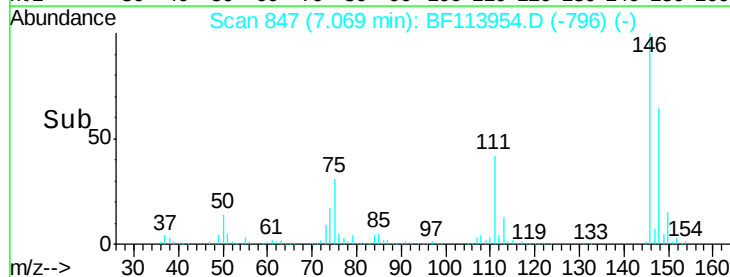
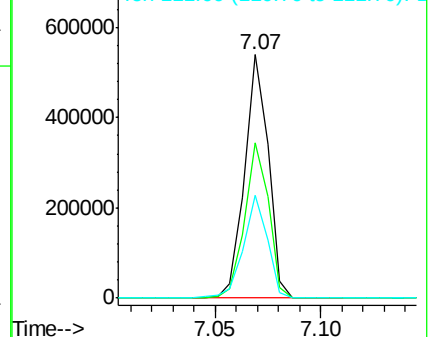
111 42.3 34.2 51.4



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: 39.620 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

Instrument :

BNA_F

ClientSampled :

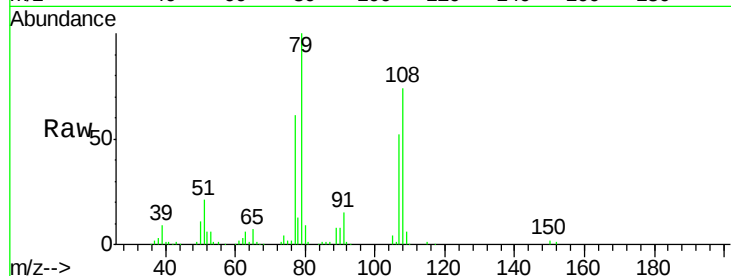
Tot Ion: 79 Resp: 292097

Ion Ratio Lower Upper

79 100

108 73.6 61.4 92.0

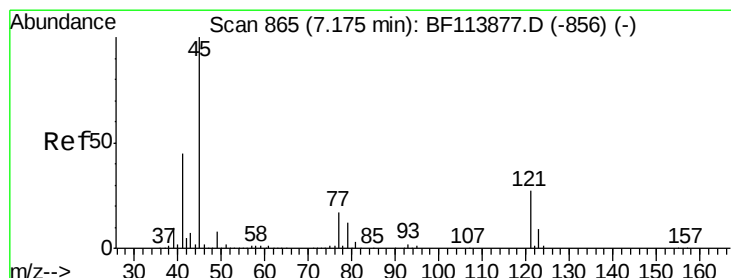
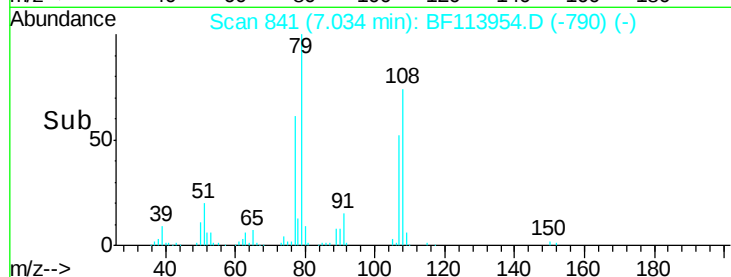
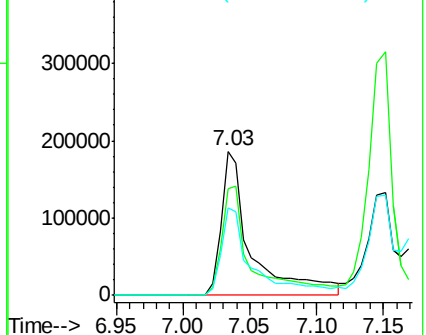
77 61.0 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.806 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

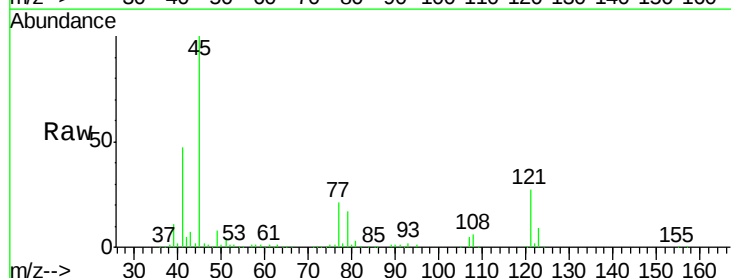
Tgt Ion: 45 Resp: 434704

Ion Ratio Lower Upper

45 100

77 20.8 0.0 37.0

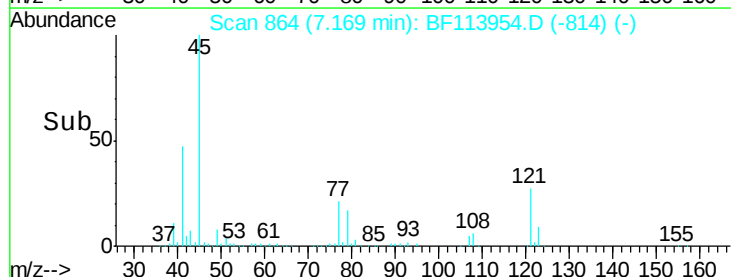
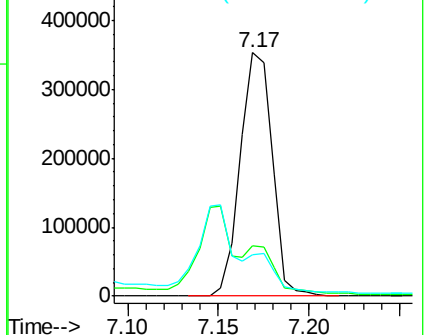
79 17.1 0.0 32.7

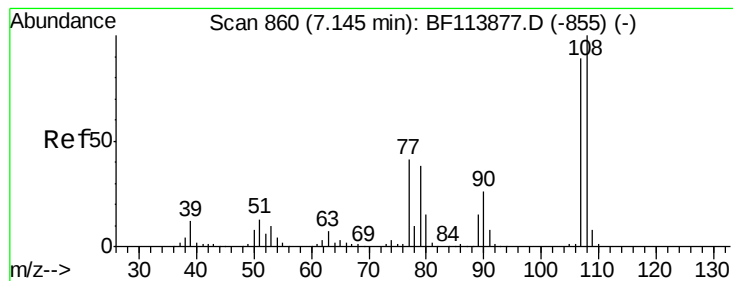


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

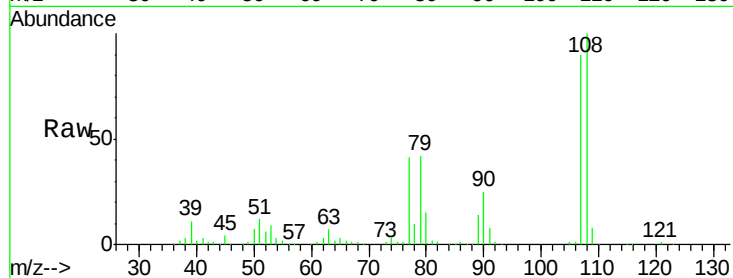




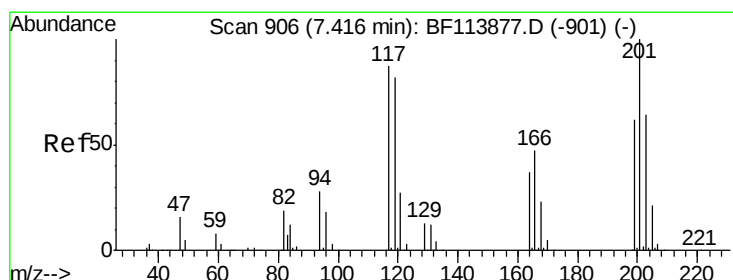
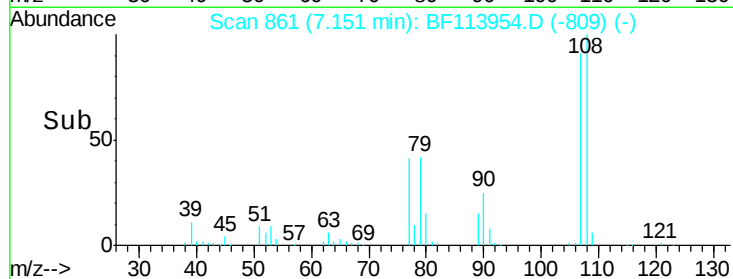
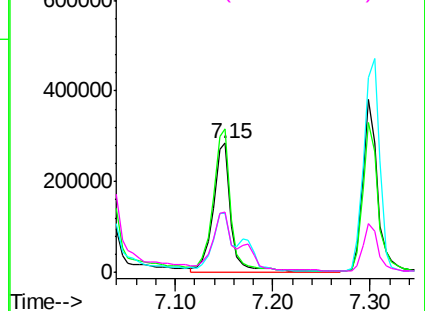
#17
2-Methylphenol
Concen: 41.700 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	364116
Ion	Ratio	Lower	Upper
107	100		
108	110.6	91.5	137.3
77	45.7	36.2	54.4
79	46.5	35.4	53.0

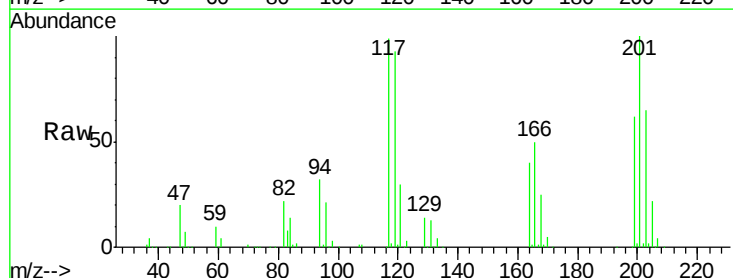


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

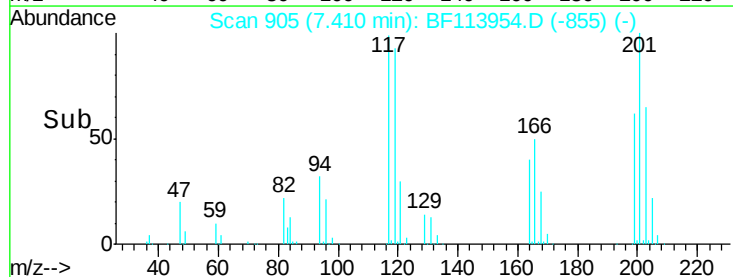
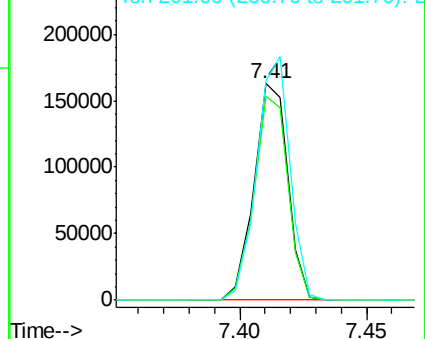


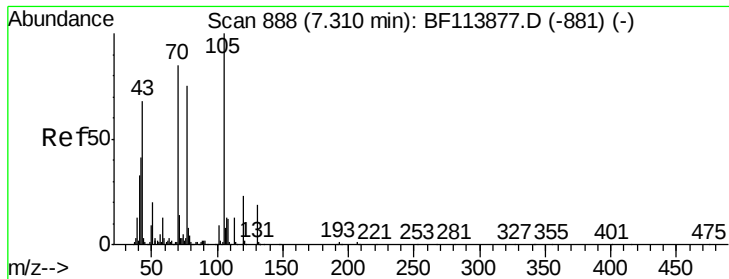
#18
Hexachloroethane
Concen: 38.217 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

Tgt Ion:	117	Resp:	152019
Ion	Ratio	Lower	Upper
117	100		
119	94.4	74.4	111.6
201	101.2	90.2	135.2



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

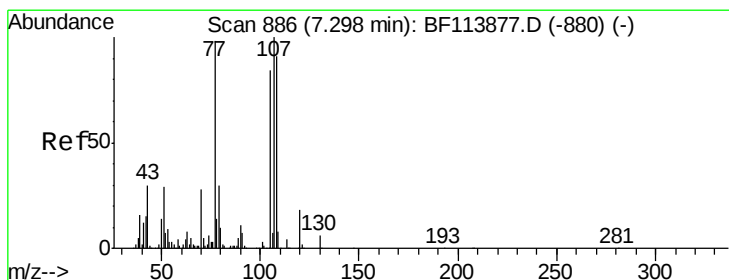
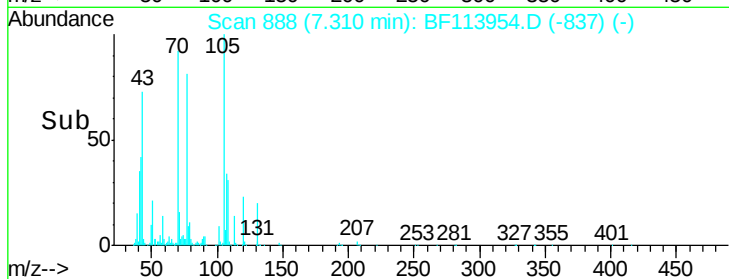
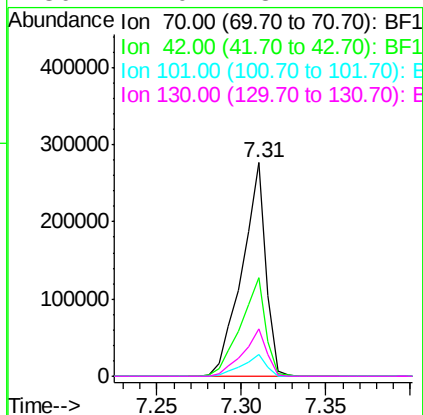
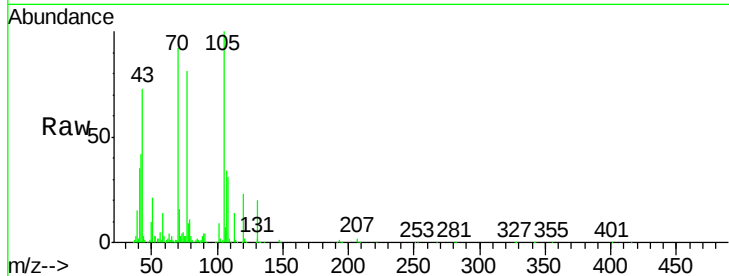




#19
n-Nitroso-di-n-propylamine
Concen: 38.449 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

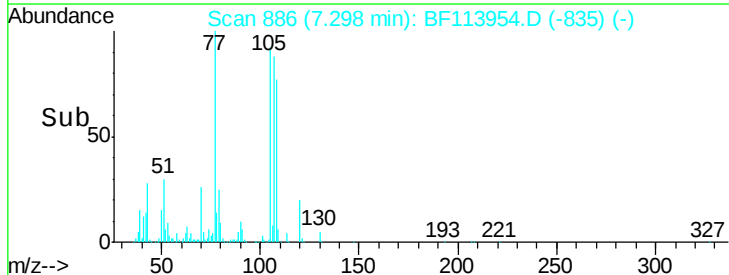
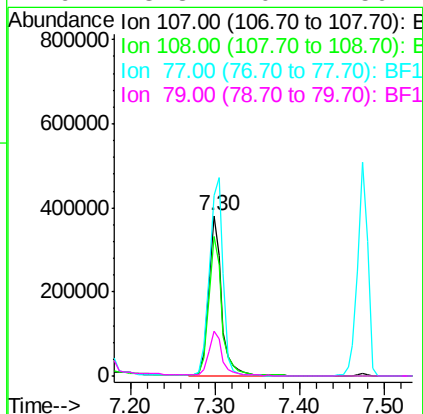
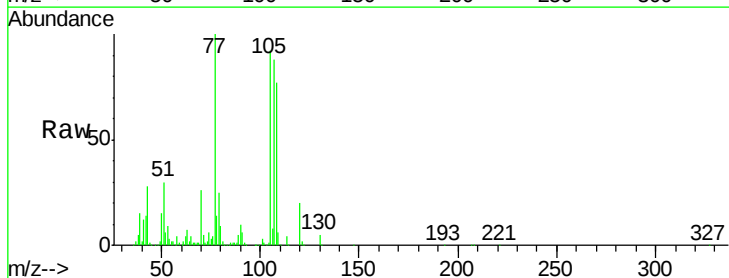
Instrument :
BNA_F
ClientSampleId :

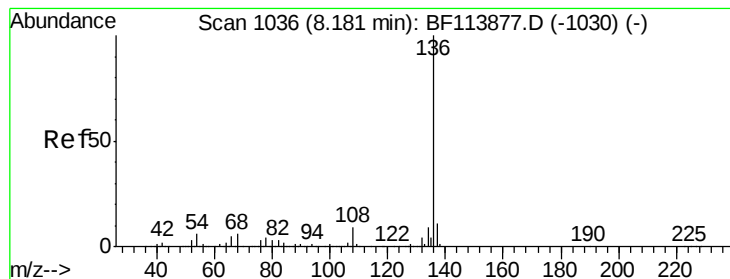
Tot Ion:	70	Resp:	272561
Ion	Ratio	Lower	Upper
70	100		
42	46.2	37.3	55.9
101	10.2	7.8	11.8
130	22.0	18.2	27.2



#20
3+4-Methylphenols
Concen: 41.536 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

Tgt Ion:	107	Resp:	409767
Ion	Ratio	Lower	Upper
107	100		
108	87.1	70.1	110.1
77	113.1	52.9	92.9#
79	28.3	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: BF113954.D

Acq: 24 Apr 2019 12:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 539715

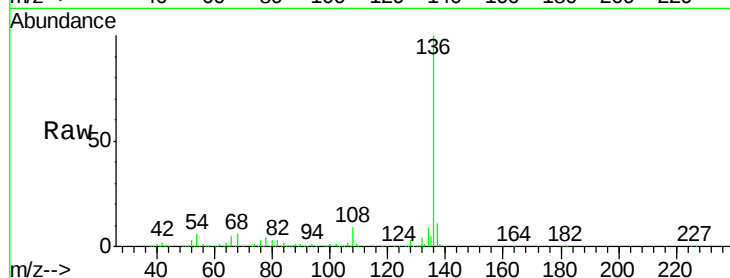
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 6.0 5.0 7.6

68 6.0 4.9 7.3

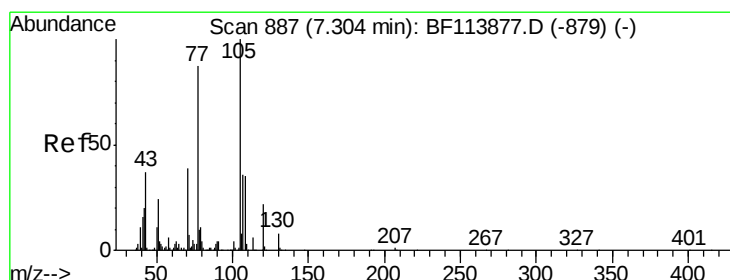
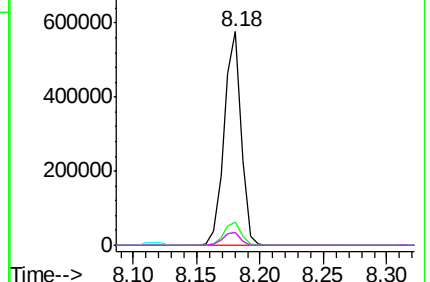
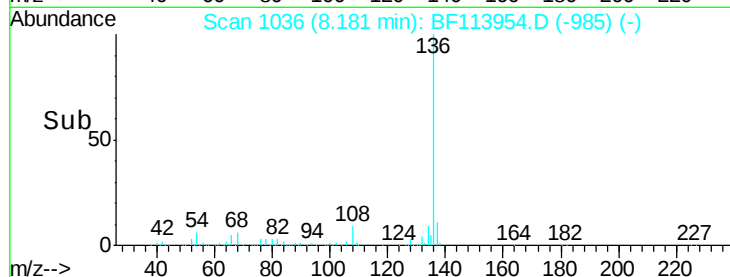


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.063 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

Tgt Ion:105 Resp: 541229

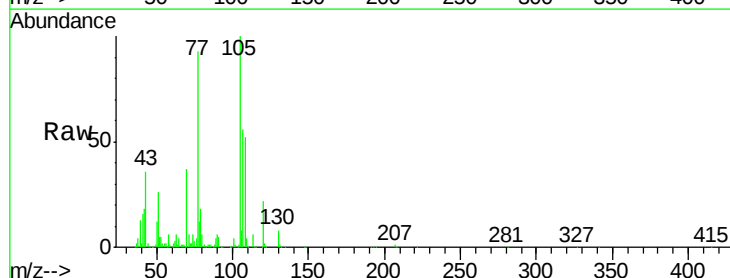
Ion Ratio Lower Upper

105 100

71 6.0 6.1 9.1#

51 26.2 16.8 25.2#

120 21.5 17.6 26.4

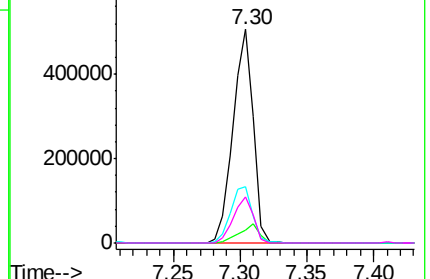
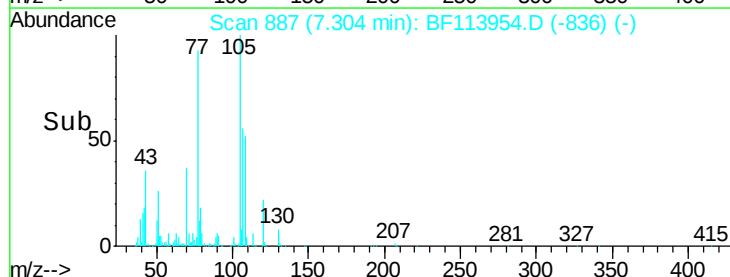


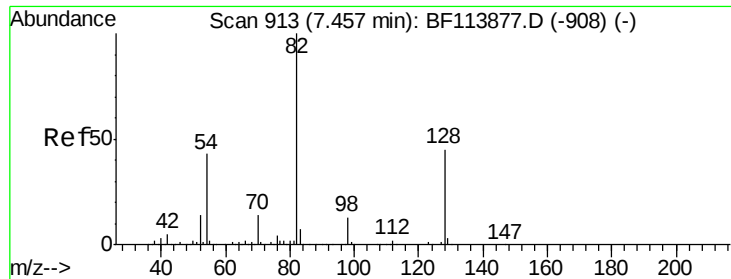
Abundance Ion 105.00 (104.70 to 105.70): E

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

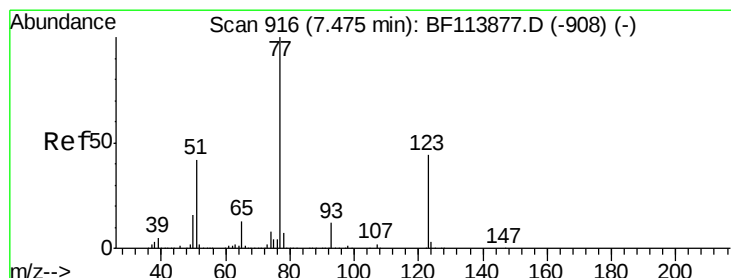
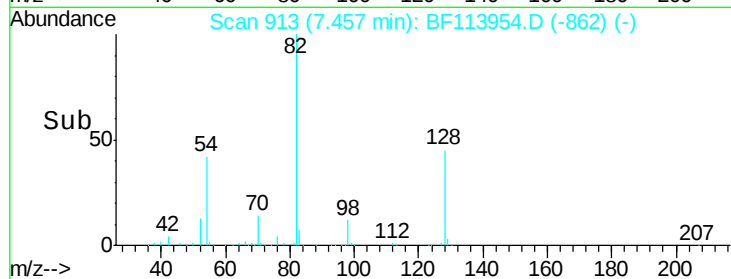
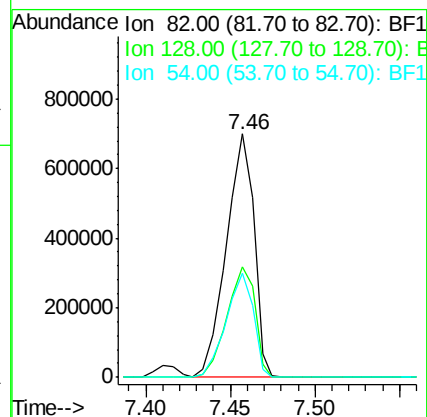
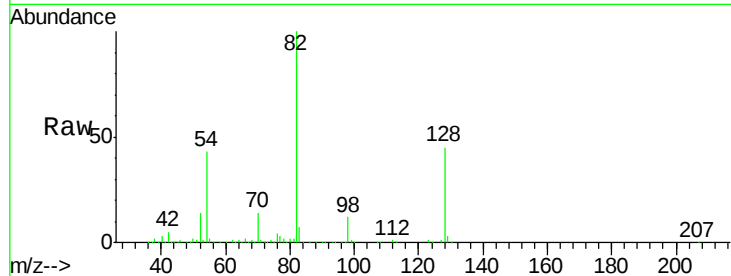




#23
 Nitrobenzene-d5
 Concen: 91.134 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF113954.D
 Acq: 24 Apr 2019 12:05

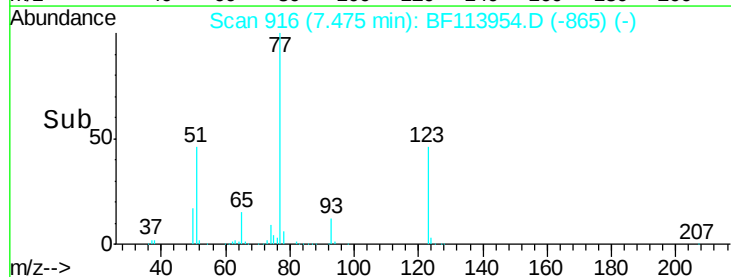
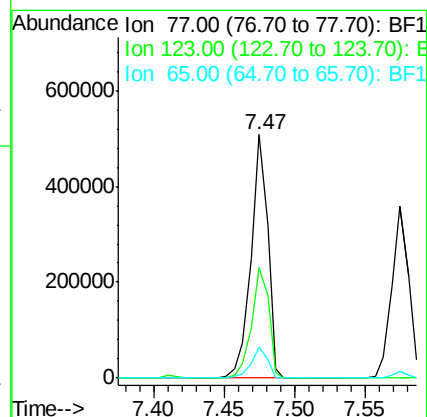
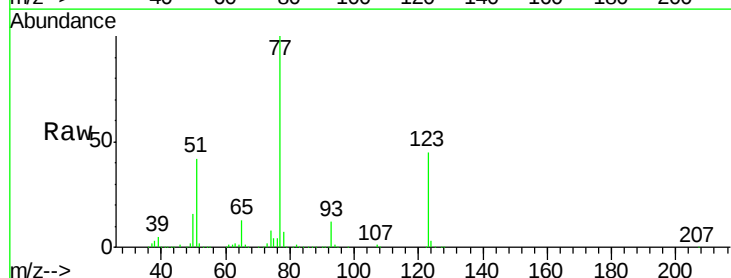
Instrument :
 BNA_F
 ClientSampleId :

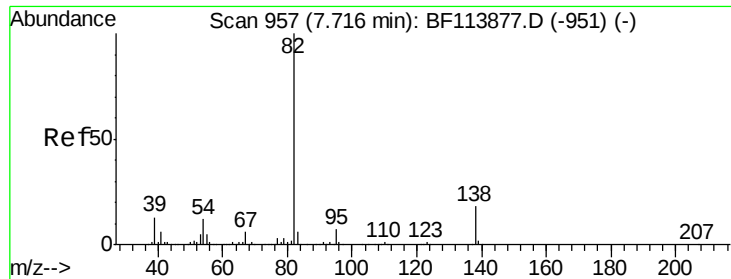
Tot Ion	82	Resp	796617
Ion Ratio	100	Lower	Upper
128	45.3	36.8	55.2
54	42.8	33.8	50.6



#24
 Nitrobenzene
 Concen: 43.972 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF113954.D
 Acq: 24 Apr 2019 12:05

Tgt Ion	77	Resp	424714
Ion Ratio	100	Lower	Upper
123	45.4	36.3	54.5
65	12.8	10.3	15.5





#25

Isophorone

Concen: 42.032 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

Instrument :

BNA_F

ClientSampleId :

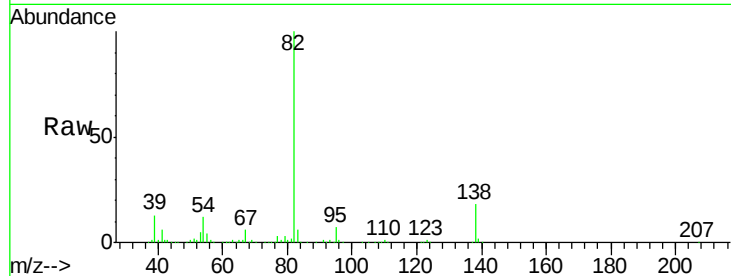
Tot Ion: 82 Resp: 751770

Ion Ratio Lower Upper

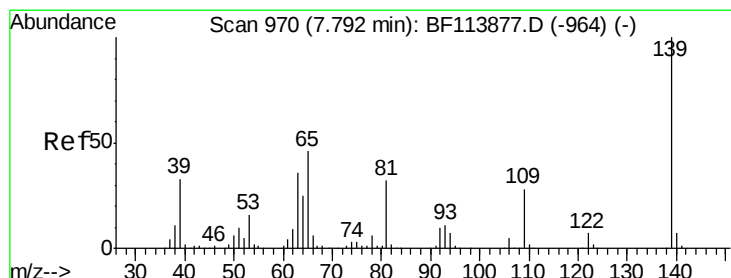
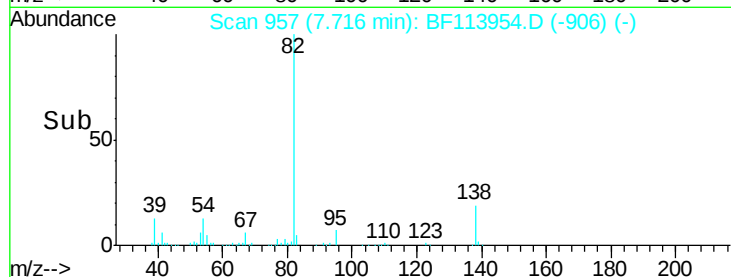
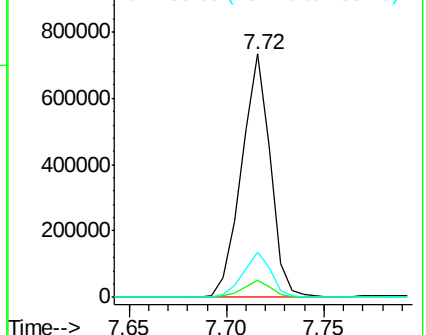
82 100

95 6.8 5.4 8.2

138 18.3 14.6 22.0



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



#26

2-Nitrophenol

Concen: 47.285 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

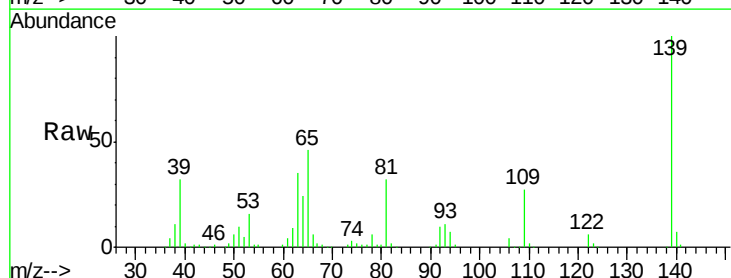
Tgt Ion: 139 Resp: 208353

Ion Ratio Lower Upper

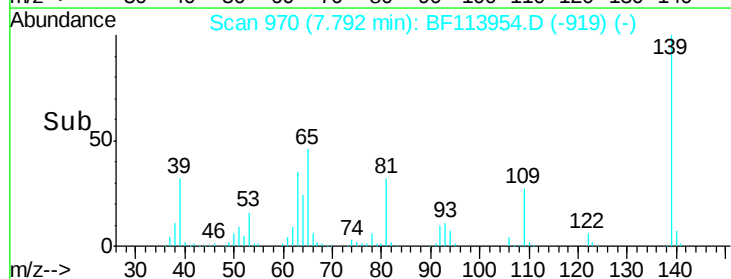
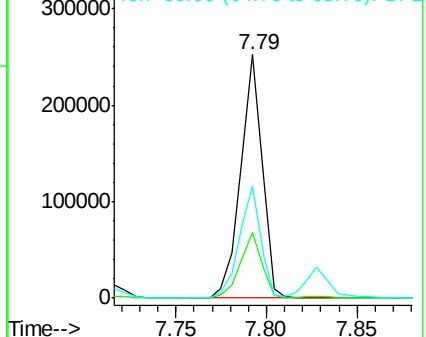
139 100

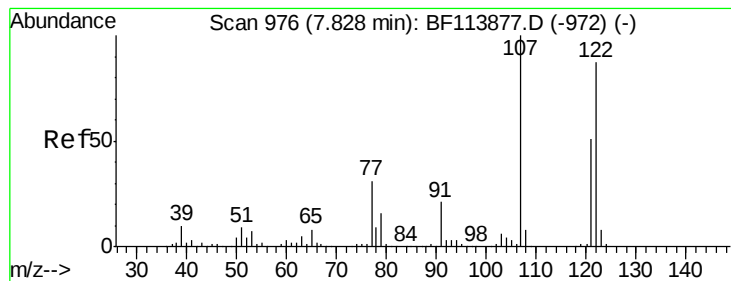
109 26.9 20.6 31.0

65 45.7 34.6 52.0



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





#27

2,4-Dimethylphenol

Concen: 44.934 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

Instrument :

BNA_F

ClientSampled :

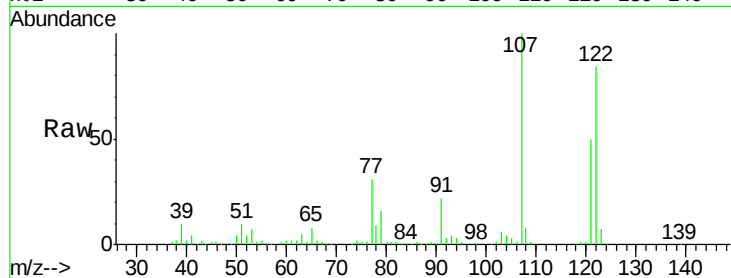
Tot Ion:122 Resp: 322588

Ion Ratio Lower Upper

122 100

107 118.4 91.2 136.8

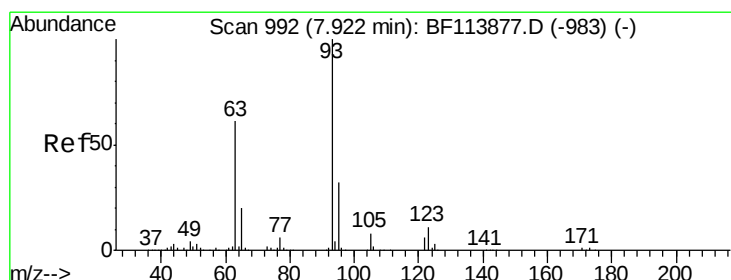
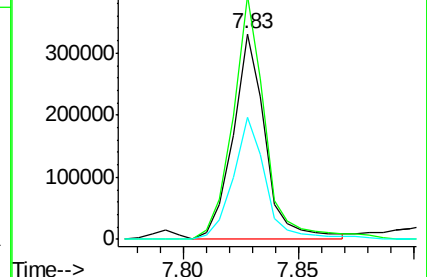
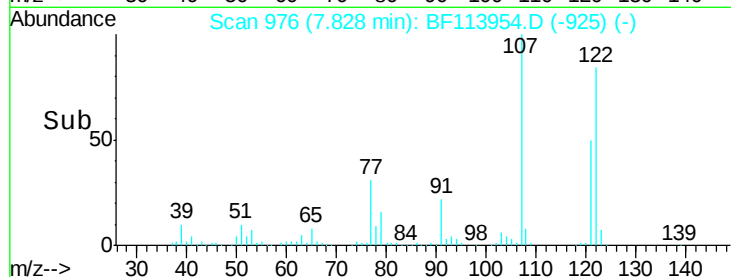
121 59.3 46.4 69.6



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: 42.185 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

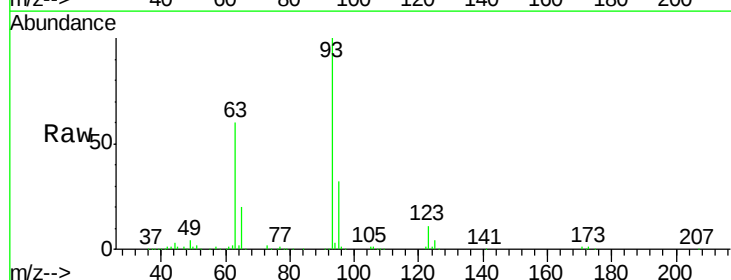
Tgt Ion: 93 Resp: 480794

Ion Ratio Lower Upper

93 100

95 32.1 25.8 38.6

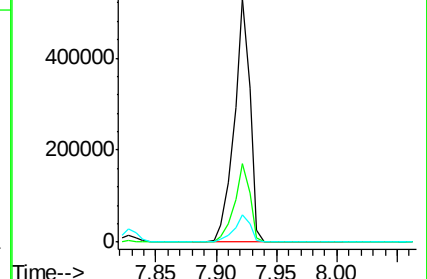
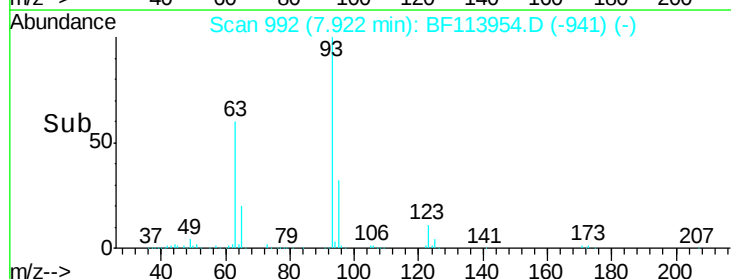
123 11.4 9.0 13.6

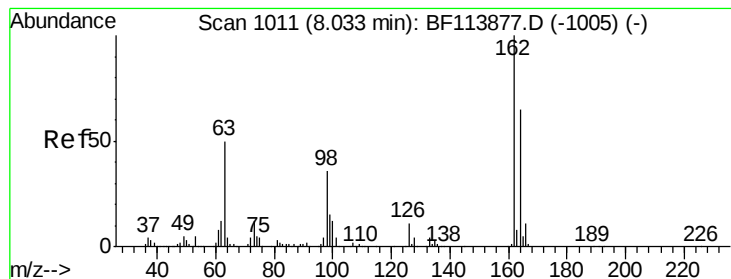


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.497 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

Instrument :

BNA_F

ClientSampled :

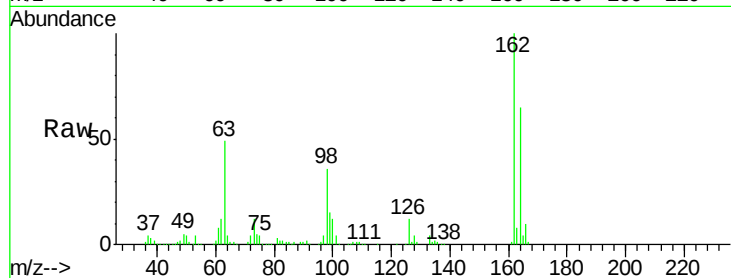
Tot Ion:162 Resp: 357090

Ion Ratio Lower Upper

162 100

164 64.8 43.7 83.7

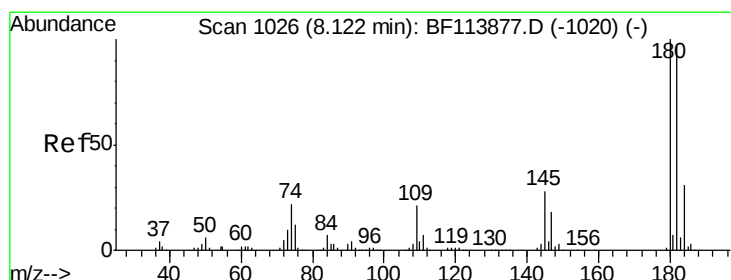
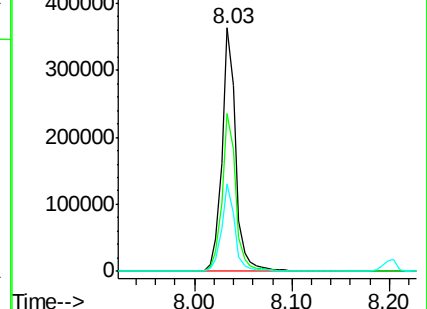
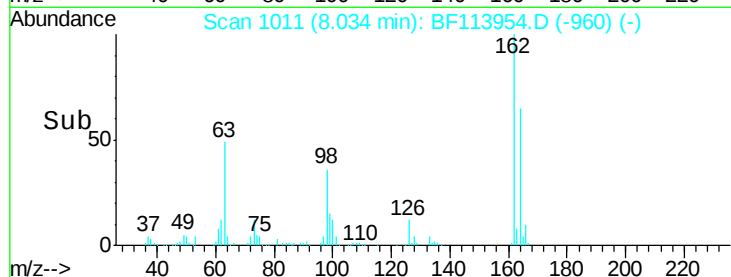
98 35.8 15.5 55.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 43.219 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

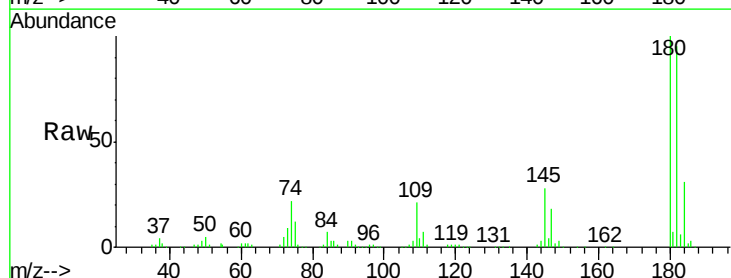
Tgt Ion:180 Resp: 395612

Ion Ratio Lower Upper

180 100

182 95.5 75.4 113.0

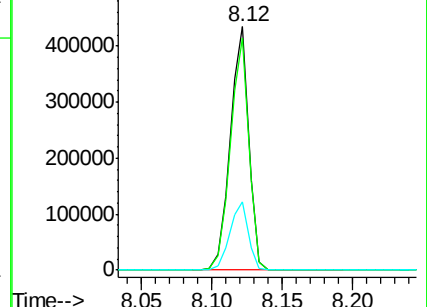
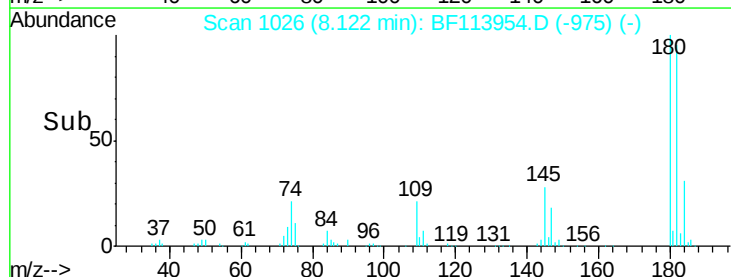
145 28.0 23.0 34.4

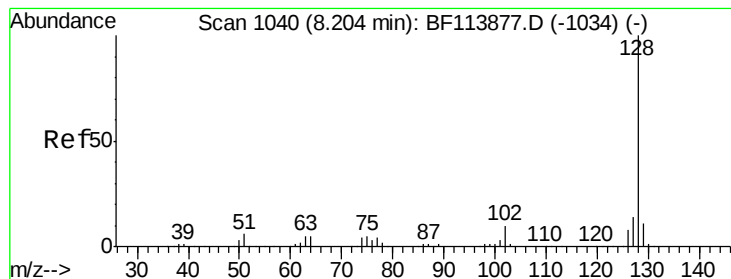


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.954 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

Instrument :

BNA_F

ClientSampleId :

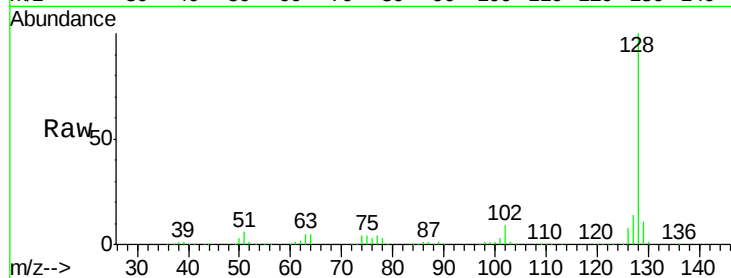
Tot Ion:128 Resp: 1126965

Ion Ratio Lower Upper

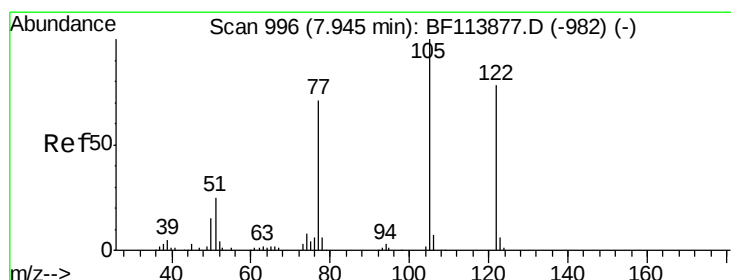
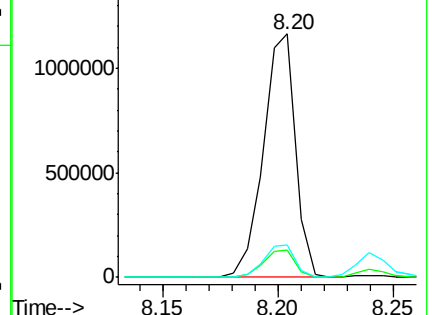
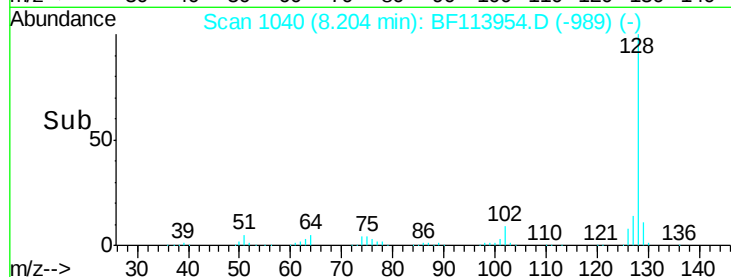
128 100

129 11.2 9.4 14.0

127 13.6 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: 6.051 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.04 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

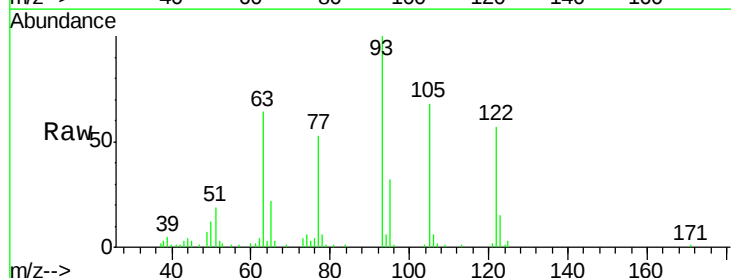
Tgt Ion:122 Resp: 29338

Ion Ratio Lower Upper

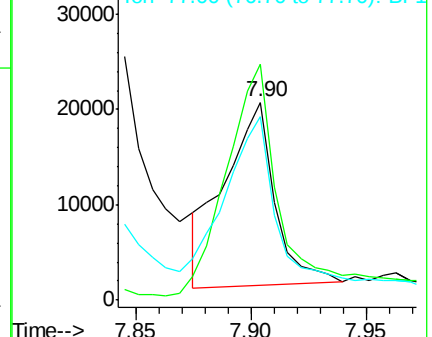
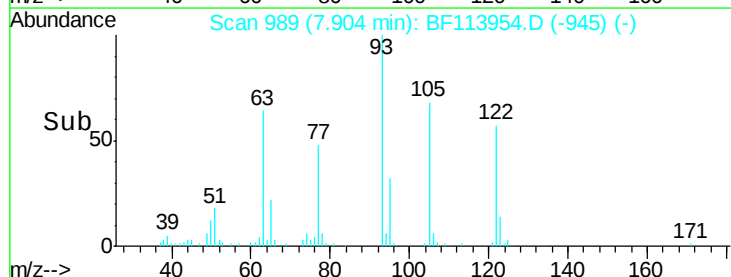
122 100

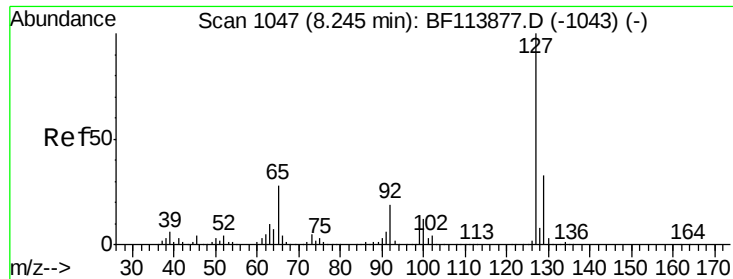
105 119.4 104.3 144.3

77 92.4 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

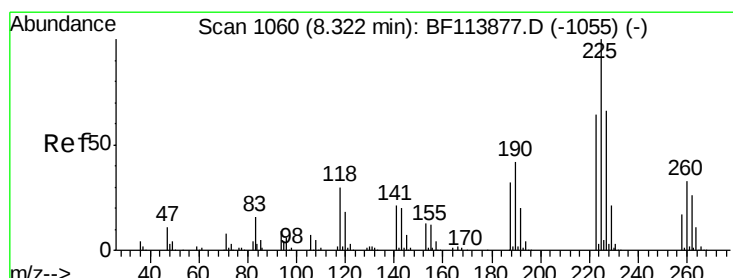
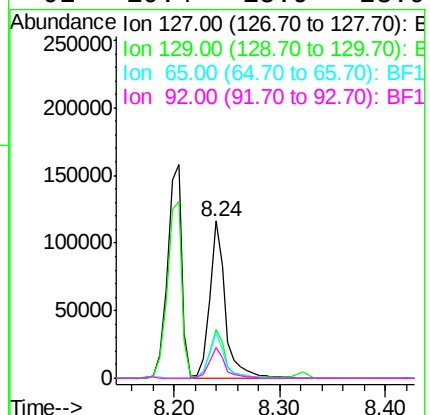
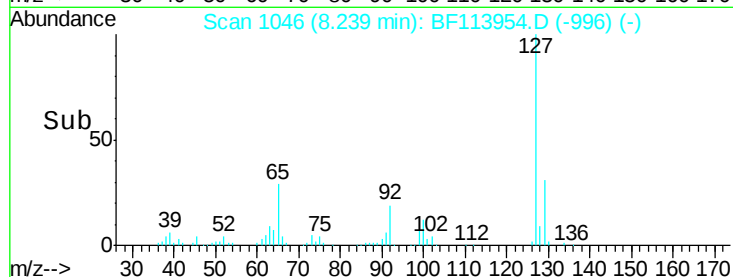
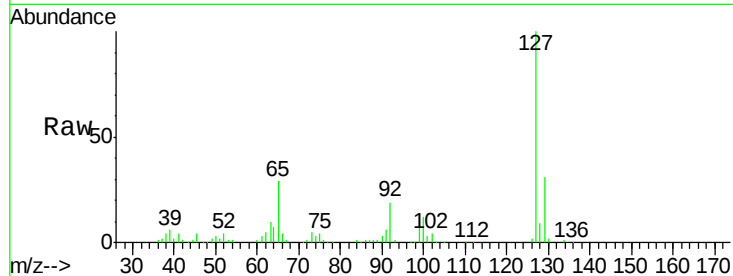




#33
4-Chloroaniline
Concen: 11.089 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

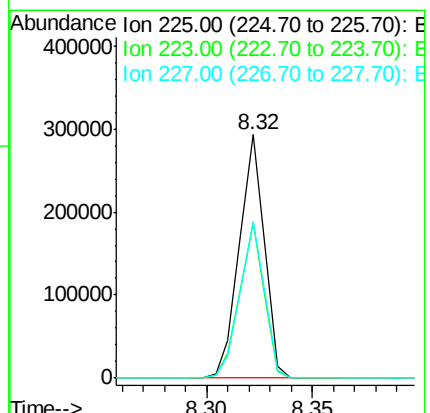
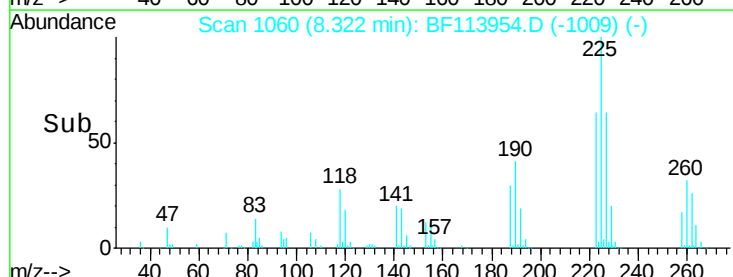
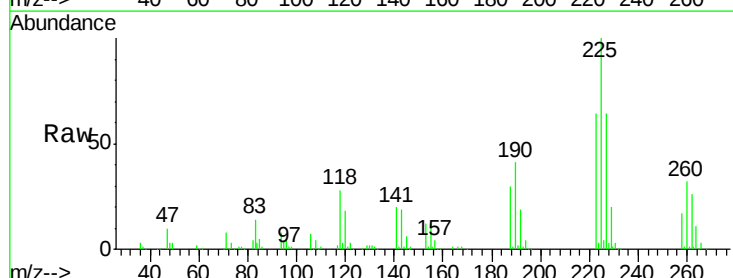
Instrument :
BNA_F
ClientSampled :

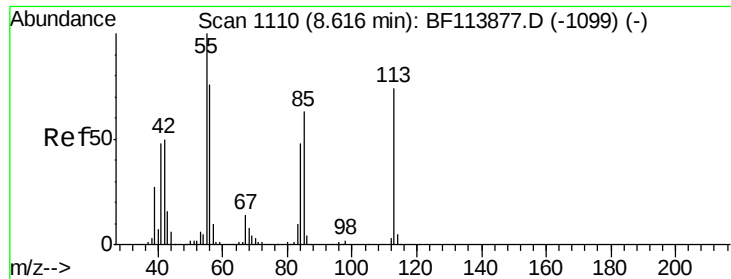
Tot Ion:	127	Resp:	120299
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.4	39.6
65	29.2	24.9	37.3
92	19.4	15.9	23.9



#34
Hexachlorobutadiene
Concen: 41.937 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

Tgt Ion:	225	Resp:	239306
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.1	76.7
227	64.3	49.9	74.9

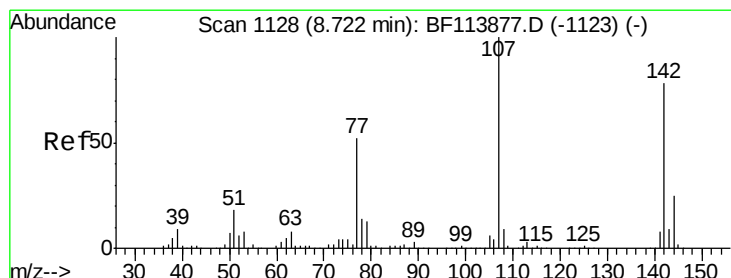
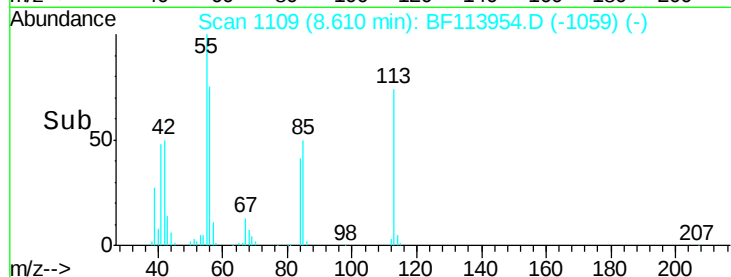
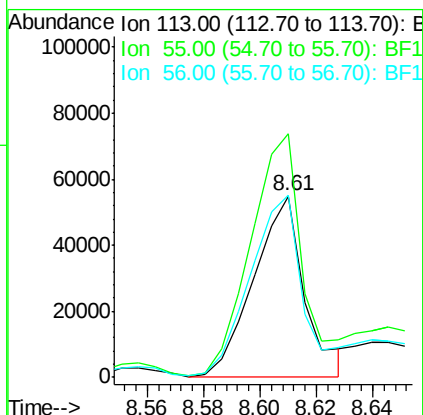
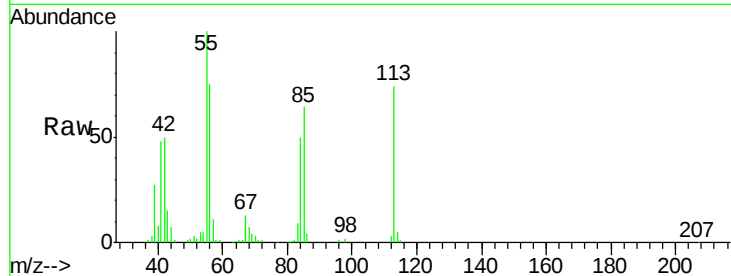




#35
 Caprolactam
 Concen: 26.323 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF113954.D
 Acq: 24 Apr 2019 12:05

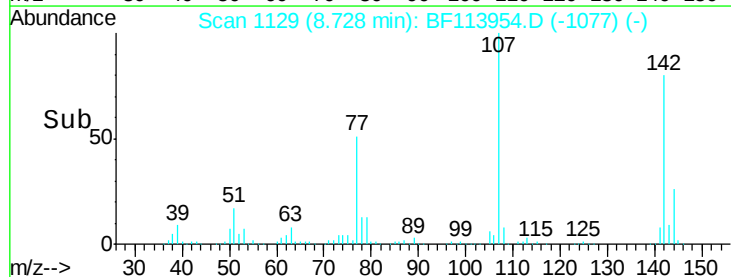
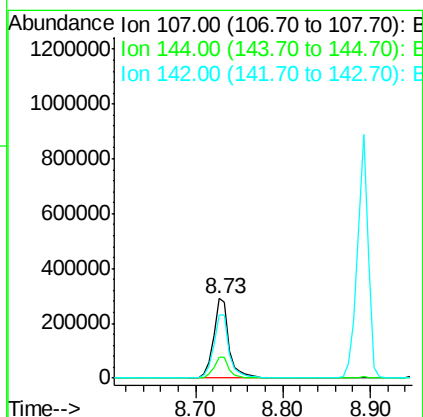
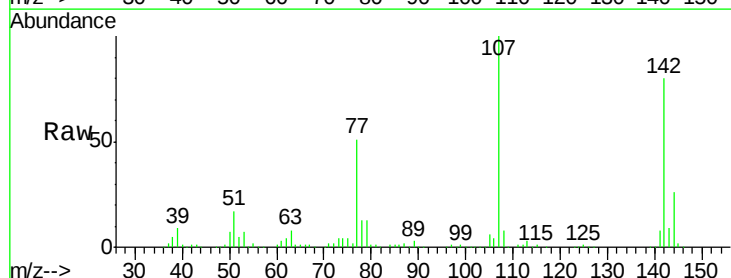
Instrument :
 BNA_F
 ClientSampleId :

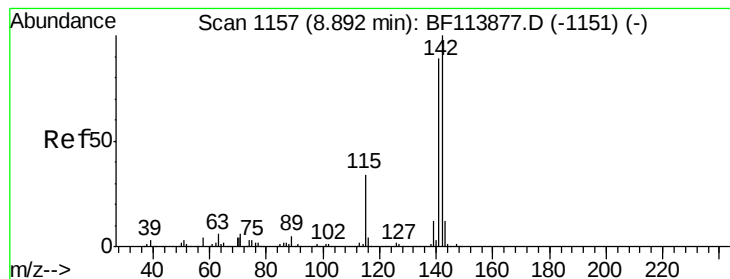
Tot Ion:113 Resp: 68744
 Ion Ratio Lower Upper
 113 100
 55 134.3 128.6 168.6
 56 100.5 91.9 131.9



#36
 4-Chloro-3-methylphenol
 Concen: 43.363 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF113954.D
 Acq: 24 Apr 2019 12:05

Tgt Ion:107 Resp: 352684
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 79.5 64.2 96.4





#37

2-Methylnaphthalene

Concen: 44.358 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

Instrument :

BNA_F

ClientSampleId :

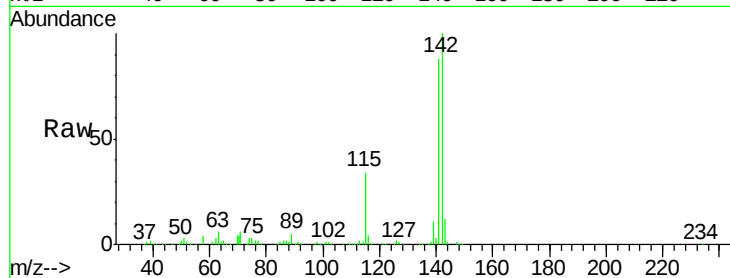
Tot Ion:142 Resp: 766940

Ion Ratio Lower Upper

142 100

141 88.4 70.4 105.6

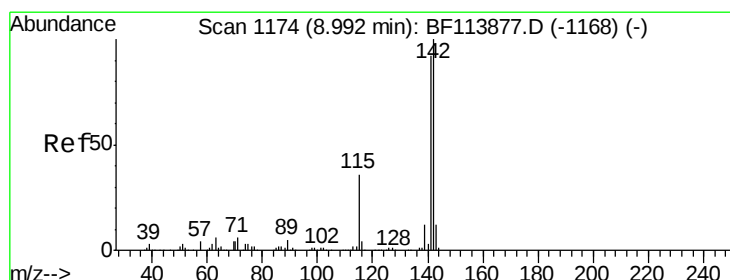
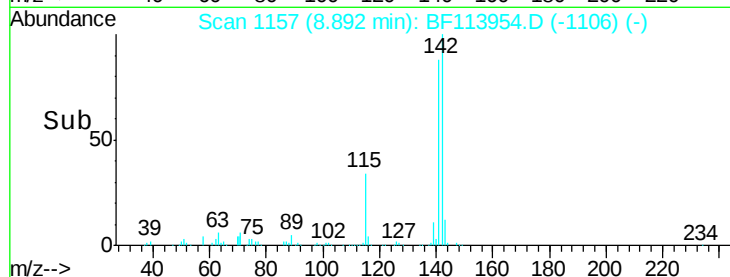
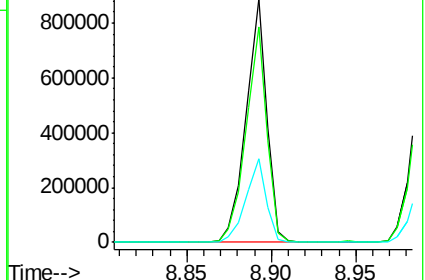
115 34.3 26.3 39.5



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: 43.298 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

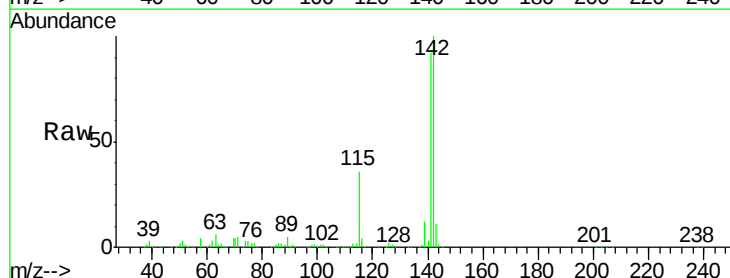
Tgt Ion:142 Resp: 722528

Ion Ratio Lower Upper

142 100

141 91.9 72.3 108.5

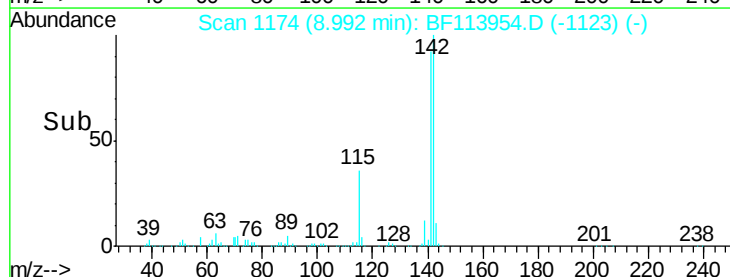
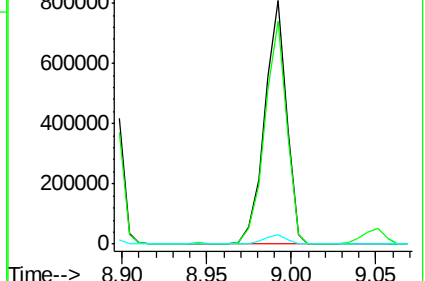
116 3.7 3.0 4.4

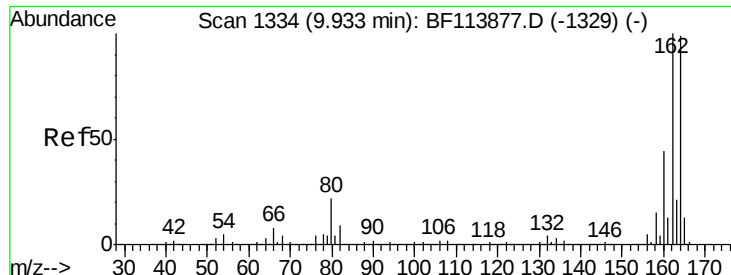


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF113954.D

Acq: 24 Apr 2019 12:05

Instrument :

BNA_F

ClientSampleId :

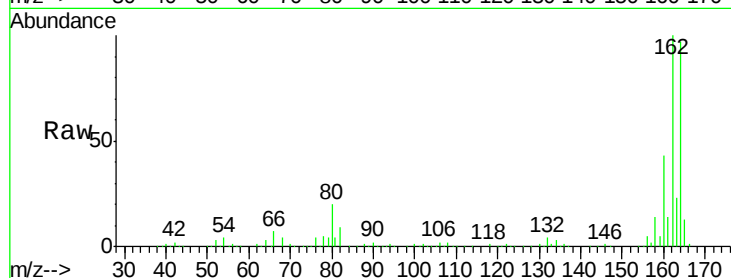
Tot Ion:164 Resp: 276775

Ion Ratio Lower Upper

164 100

162 103.3 81.1 121.7

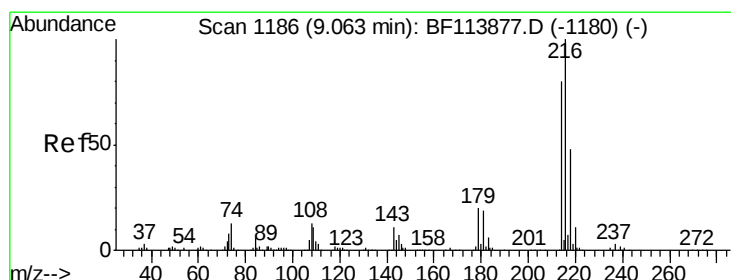
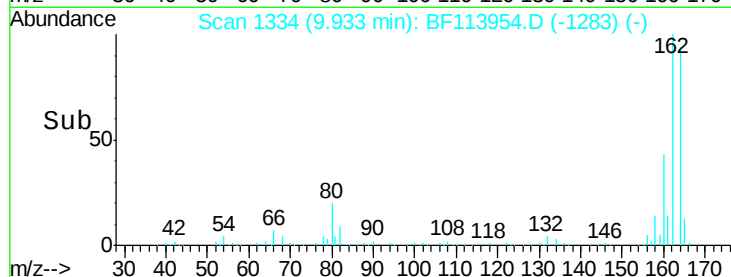
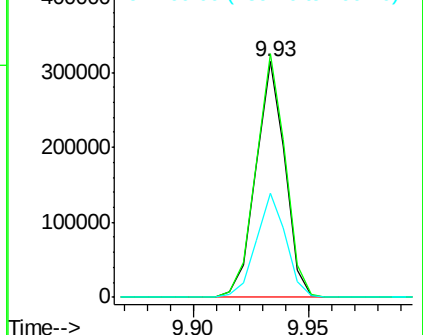
160 44.1 35.8 53.6



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: 43.478 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

Tgt Ion:216 Resp: 390893

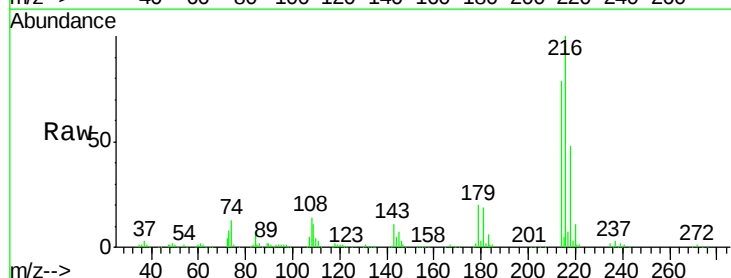
Ion Ratio Lower Upper

216 100

214 79.1 63.5 95.3

179 20.7 16.1 24.1

108 18.0 13.4 20.0

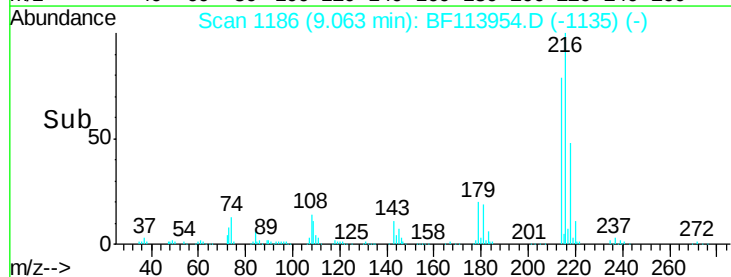
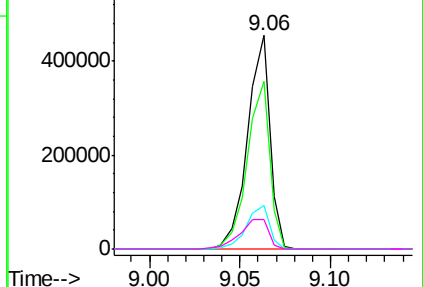


Abundance Ion 216.00 (215.70 to 216.70): E

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

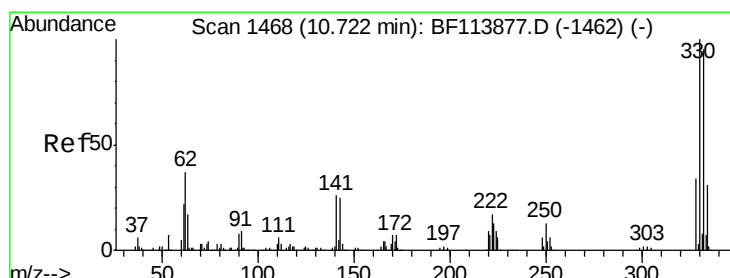
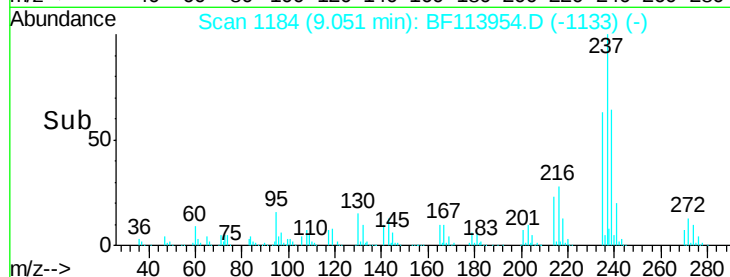
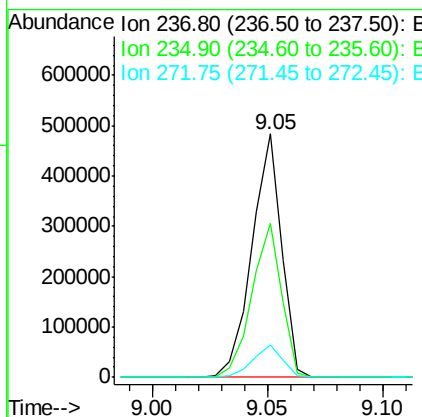
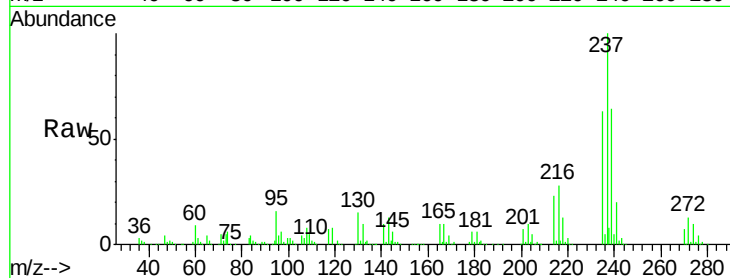




#41
Hexachlorocyclopentadiene
Concen: 86.176 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

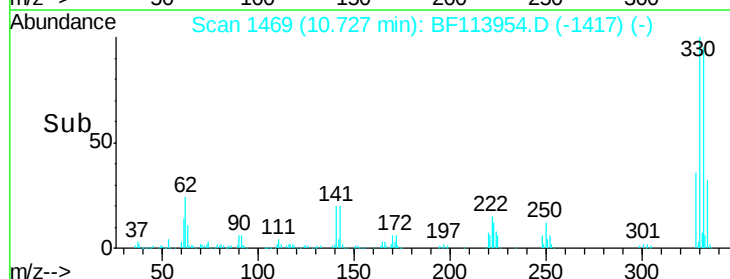
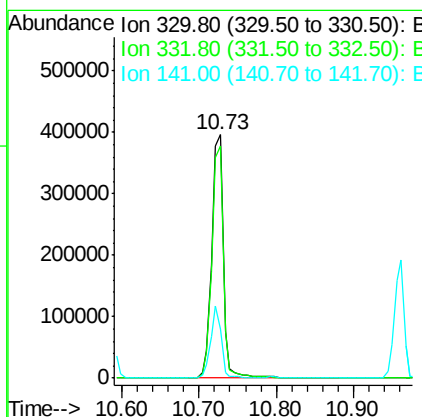
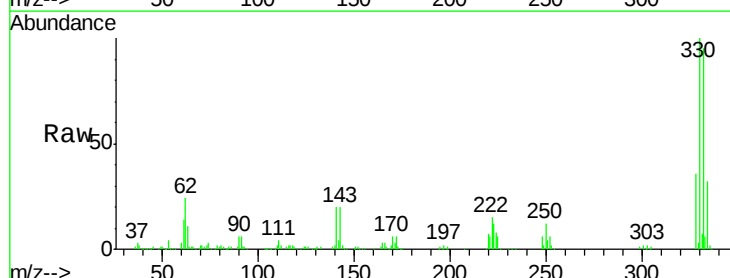
Instrument :
BNA_F
ClientSampleId :

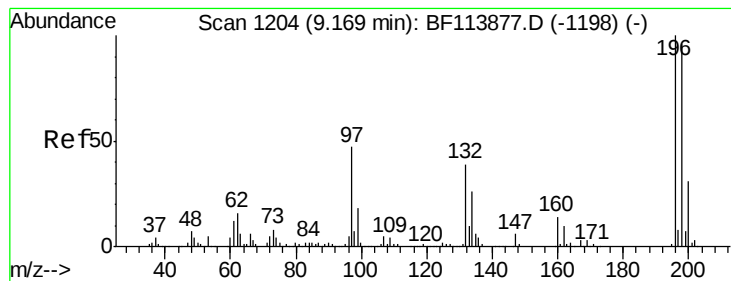
Tot Ion:237 Resp: 432045
Ion Ratio Lower Upper
237 100
235 63.4 42.6 82.6
272 13.2 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 121.316 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

Tgt Ion:330 Resp: 409040
Ion Ratio Lower Upper
330 100
332 95.0 77.5 116.3
141 26.8 22.2 33.2





#43

2,4,6-Trichlorophenol

Concen: 45.145 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

Instrument :

BNA_F

ClientSampled :

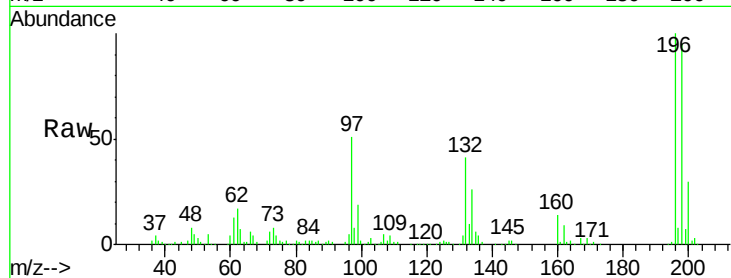
Tot Ion:196 Resp: 257730

Ion Ratio Lower Upper

196 100

198 94.6 75.6 113.4

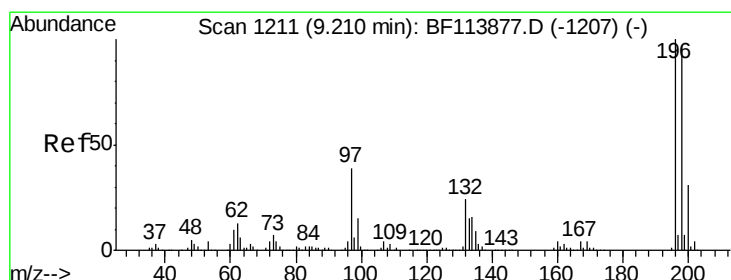
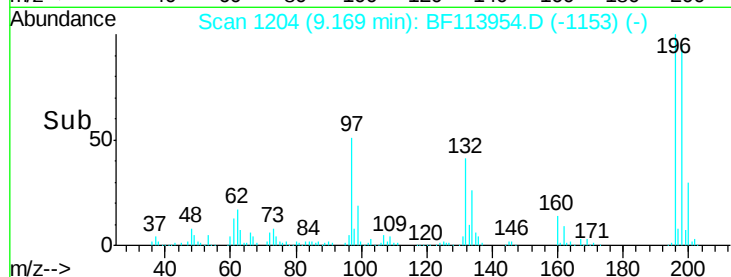
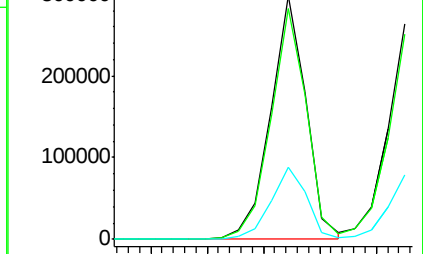
200 29.6 24.7 37.1



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: 44.627 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

Tgt Ion:196 Resp: 285766

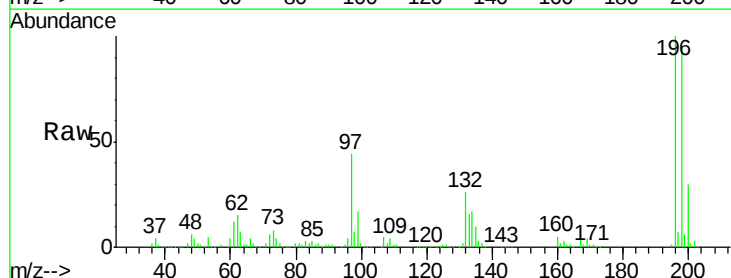
Ion Ratio Lower Upper

196 100

198 95.0 76.2 114.4

97 44.4 35.8 53.8

132 26.1 20.9 31.3

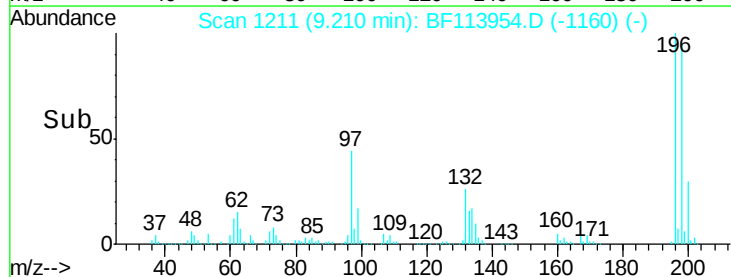
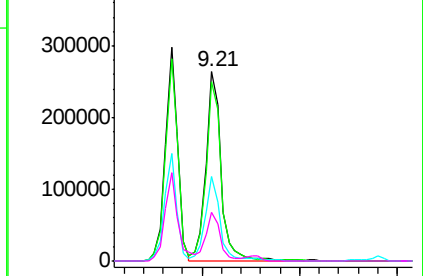


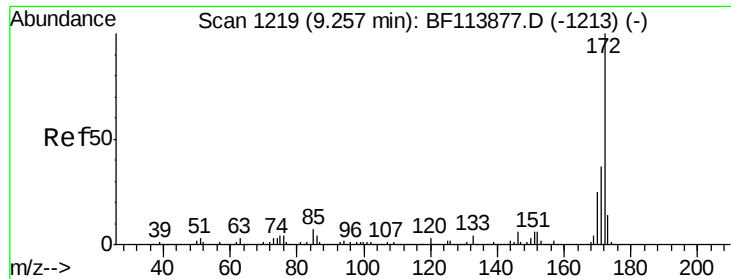
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



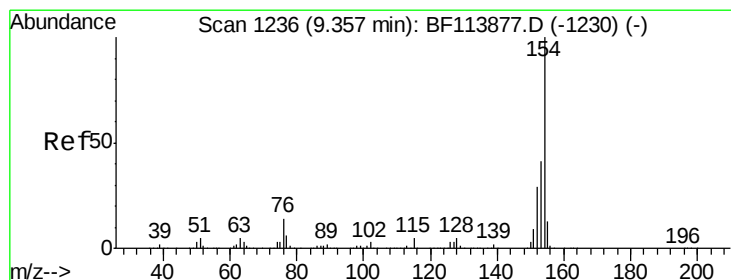
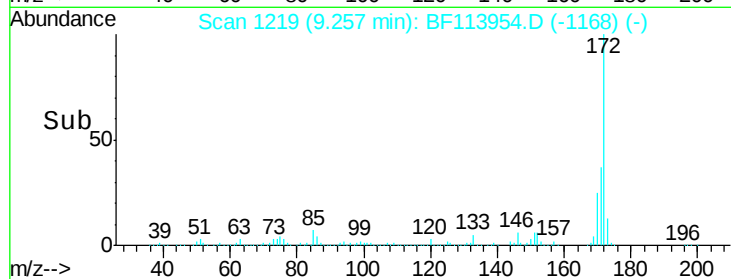
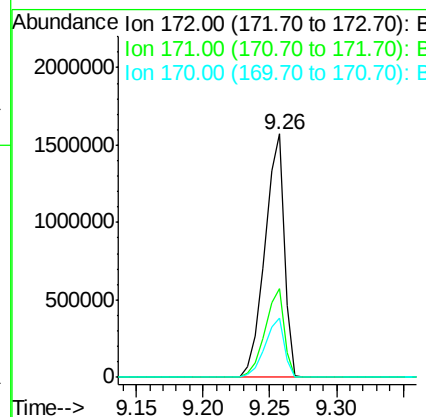
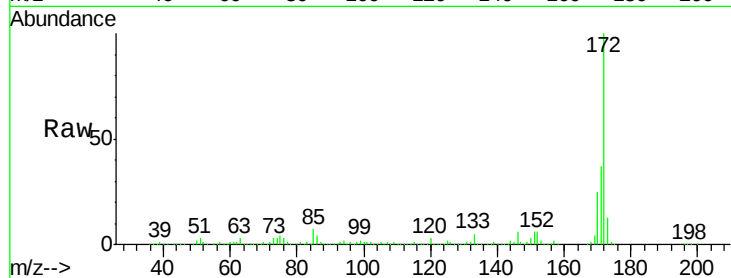


#45
 2-Fluorobiphenyl
 Concen: 88.581 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF113954.D
 Acq: 24 Apr 2019 12:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1567565

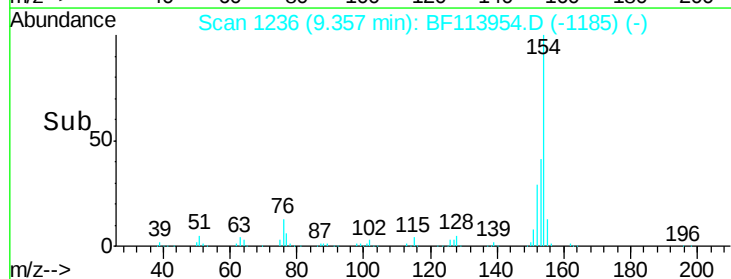
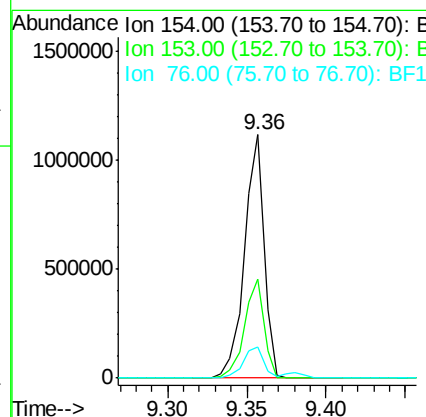
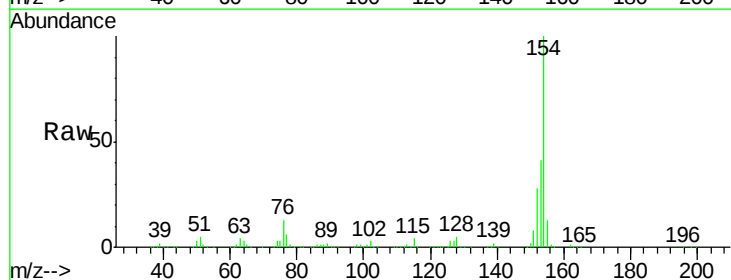
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.5	19.9	29.9

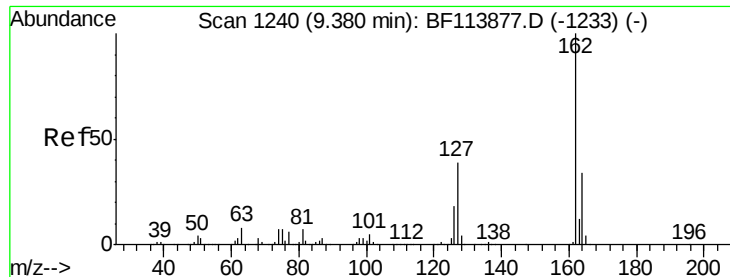


#46
 1,1'-Biphenyl
 Concen: 45.045 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF113954.D
 Acq: 24 Apr 2019 12:05

Tgt Ion:154 Resp: 952419

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	12.6	0.0	35.2

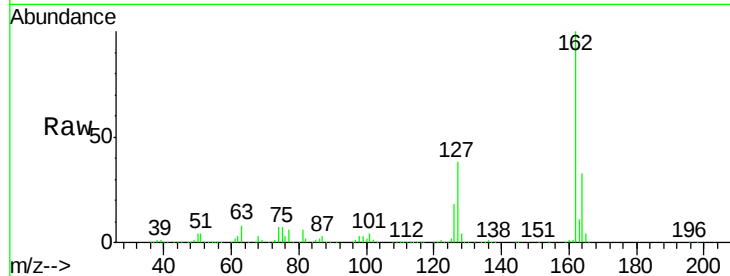




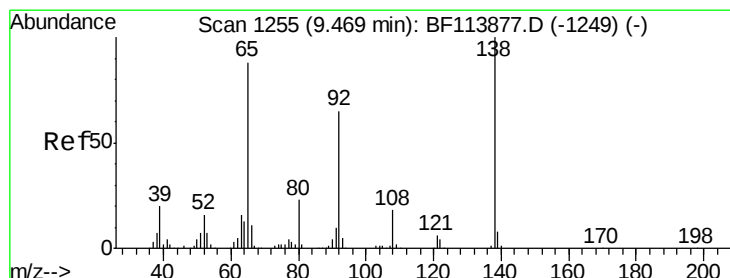
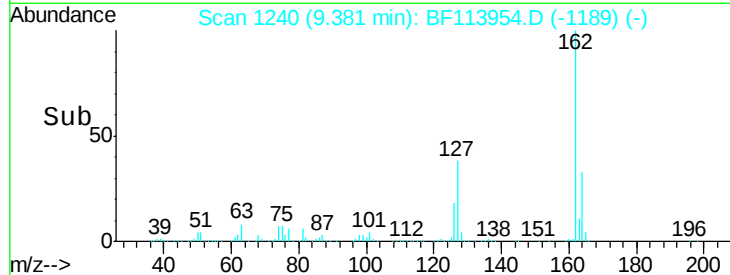
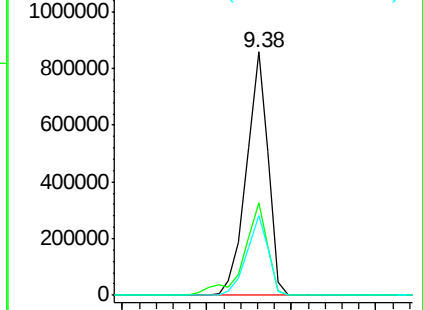
#47
 2-Chloronaphthalene
 Concen: 44.738 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF113954.D
 Acq: 24 Apr 2019 12:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	29.3	43.9
164	32.7	27.1	40.7

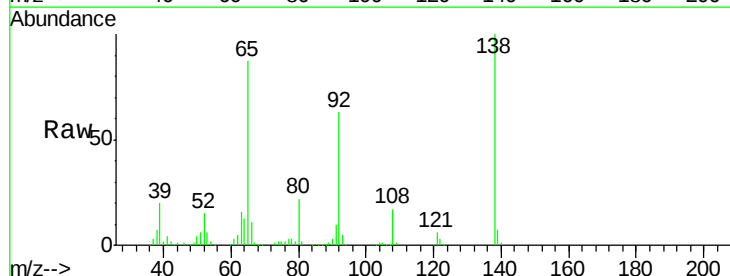


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

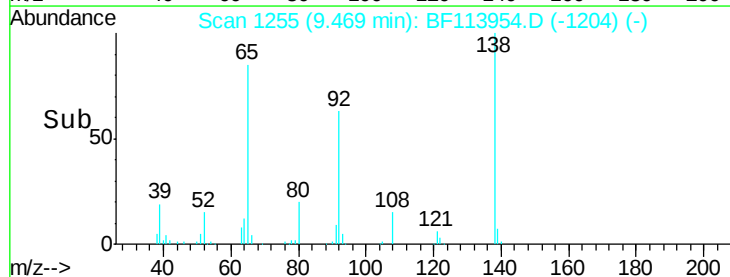
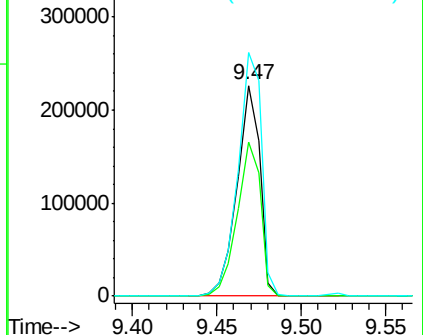


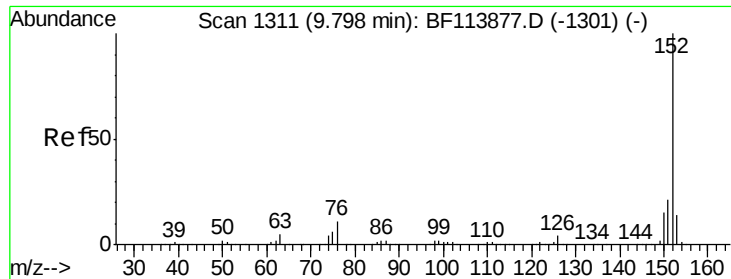
#48
 2-Nitroaniline
 Concen: 47.299 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF113954.D
 Acq: 24 Apr 2019 12:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.1	57.4	86.0
138	115.6	85.4	128.0



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





#49

Acenaphthylene

Concen: 43.493 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

Instrument :

BNA_F

ClientSampleId :

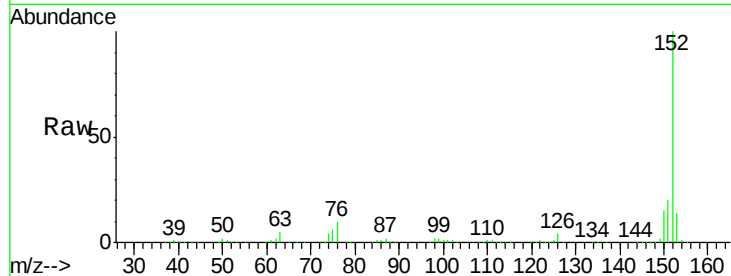
Tot Ion:152 Resp: 1170748

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.4

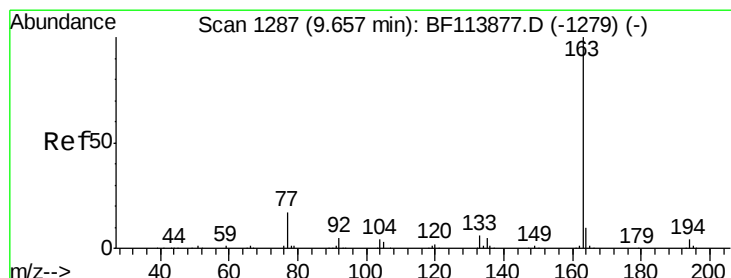
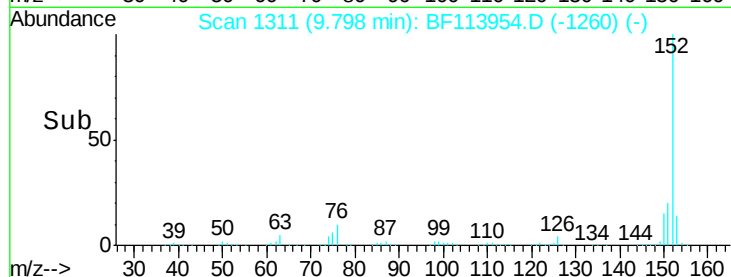
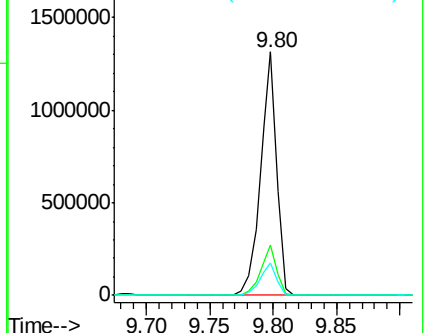
153 13.5 11.0 16.6



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: 49.732 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

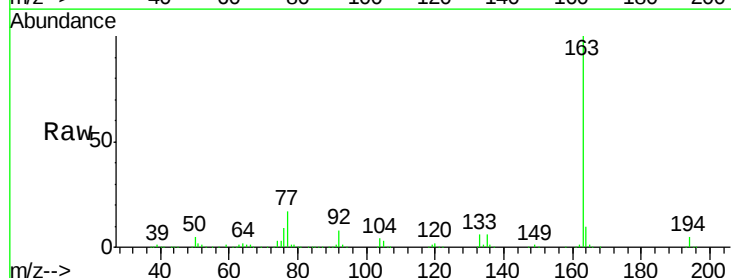
Tgt Ion:163 Resp: 995486

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

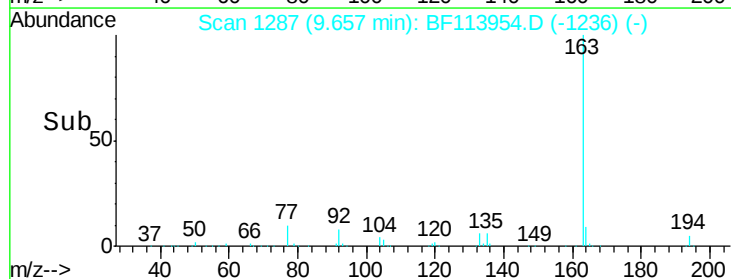
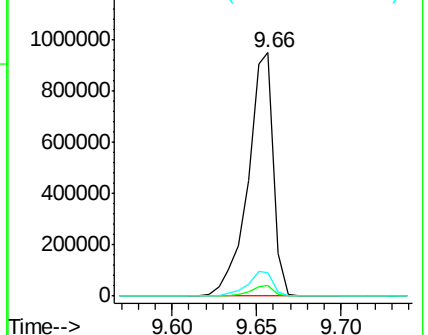
164 9.8 8.5 12.7

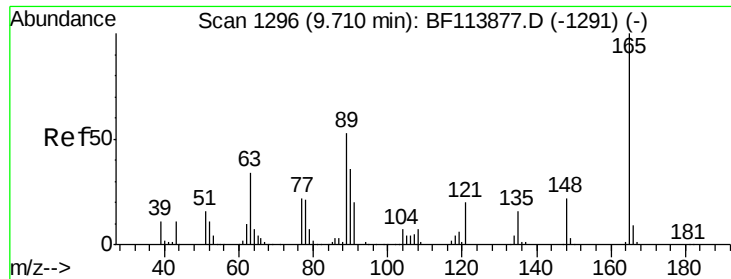


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

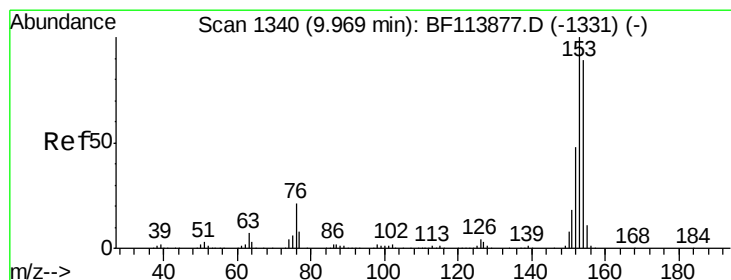
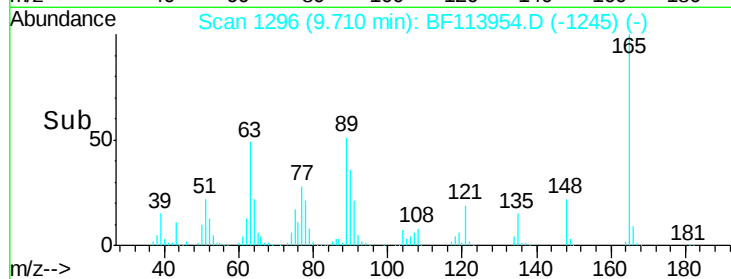
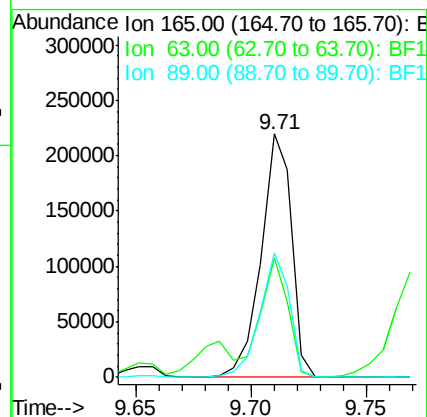
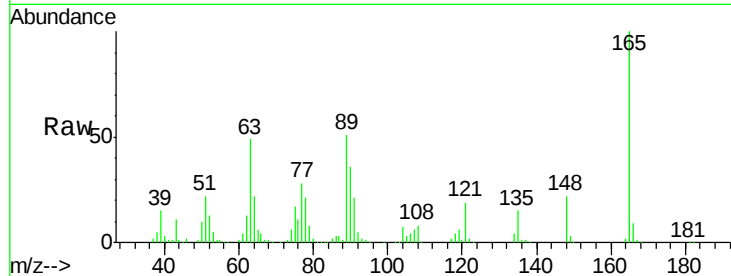




#51
2,6-Dinitrotoluene
Concen: 47.142 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

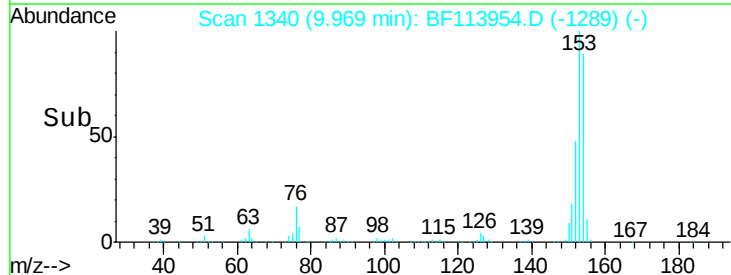
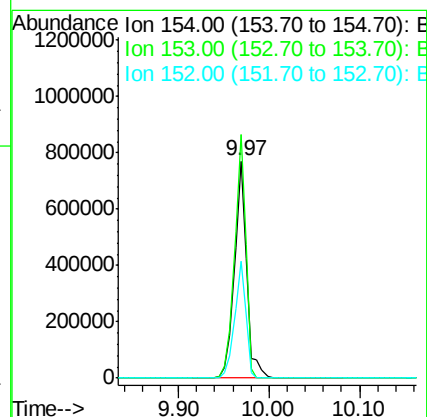
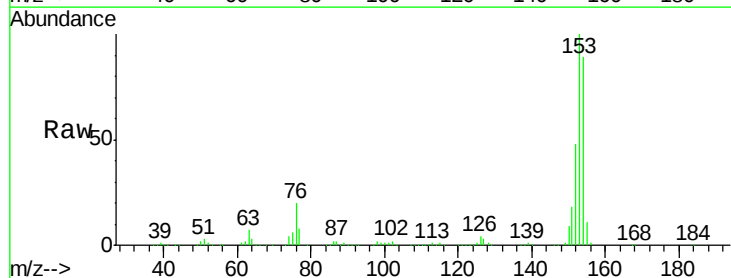
Instrument :
BNA_F
ClientSampled :

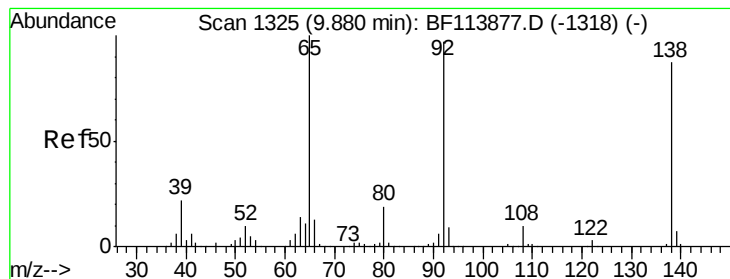
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.0	33.8	50.8
89	51.2	38.2	57.2



#52
Acenaphthene
Concen: 45.278 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	87.2	130.8
152	53.6	42.3	63.5





#53

3-Nitroaniline

Concen: 21.443 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

Instrument :

BNA_F

ClientSampleId :

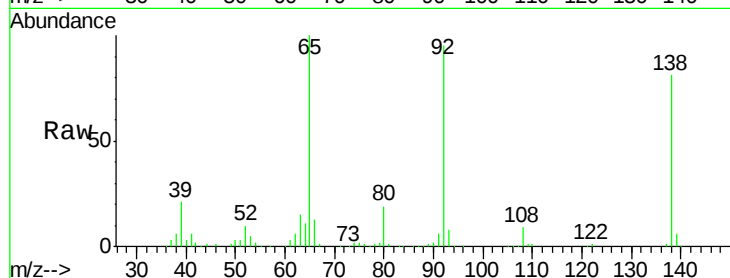
Tot Ion:138 Resp: 96766

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.2

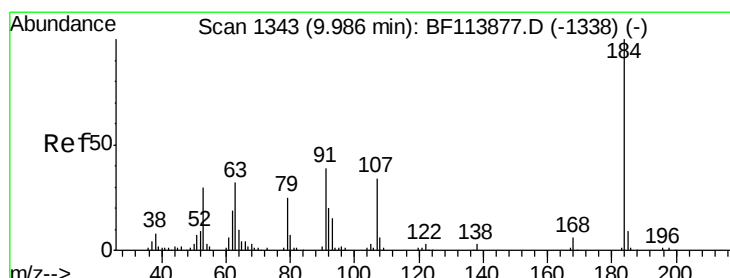
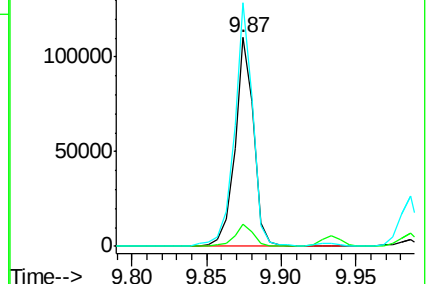
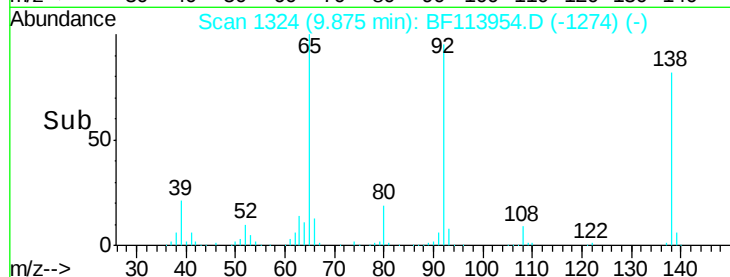
92 116.8 94.1 141.1



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: 53.209 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

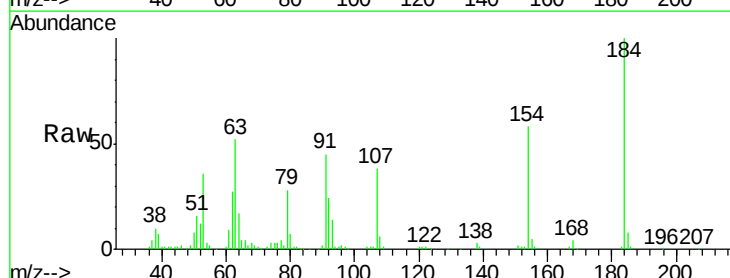
Tgt Ion:184 Resp: 93084

Ion Ratio Lower Upper

184 100

63 52.3 54.6 81.8#

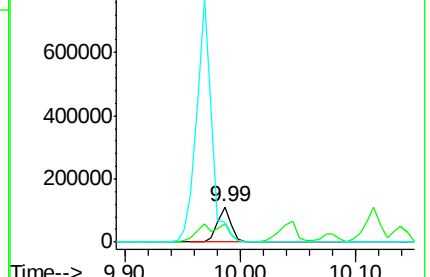
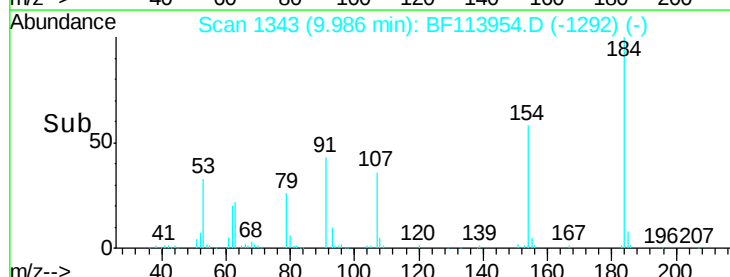
154 57.7 218.6 328.0#

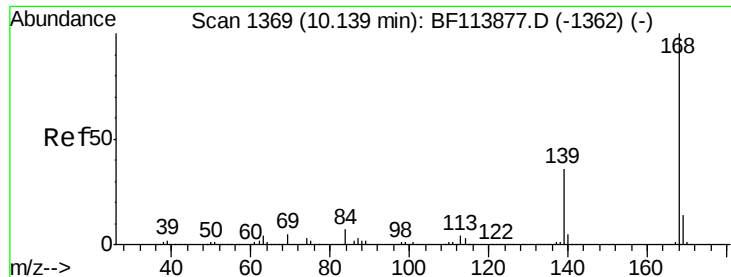


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 44.489 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

Instrument :

BNA_F

ClientSampleId :

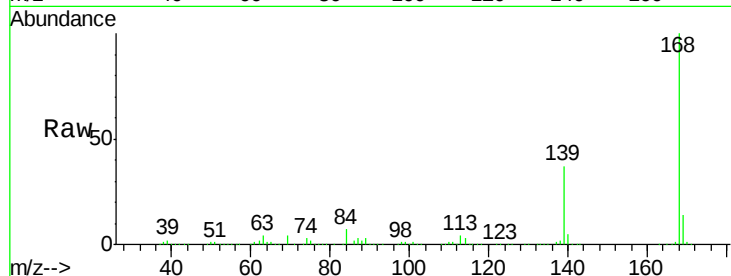
Tot Ion:168 Resp: 1060135

Ion Ratio Lower Upper

168 100

139 36.7 27.8 41.6

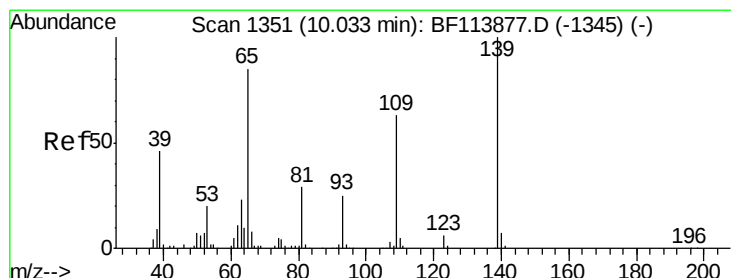
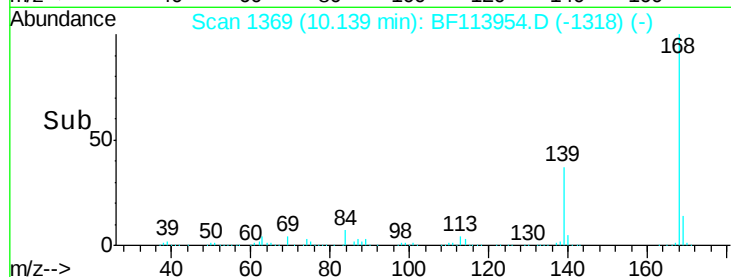
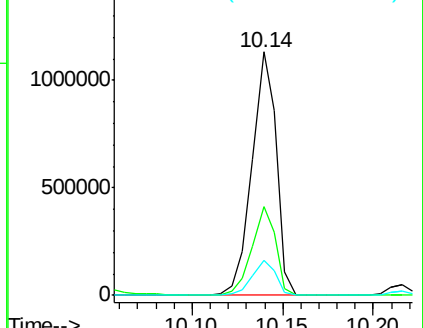
169 14.2 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 83.061 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

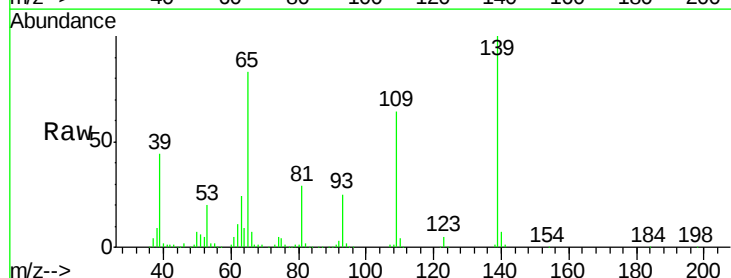
Tgt Ion:139 Resp: 296775

Ion Ratio Lower Upper

139 100

109 64.1 42.9 82.9

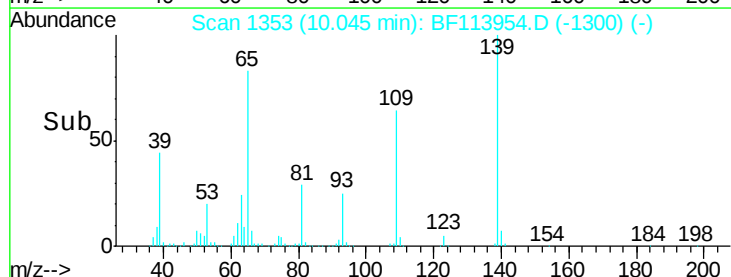
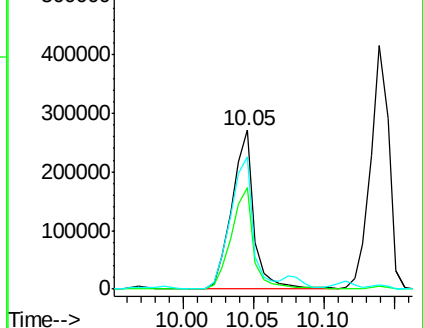
65 83.3 64.4 104.4

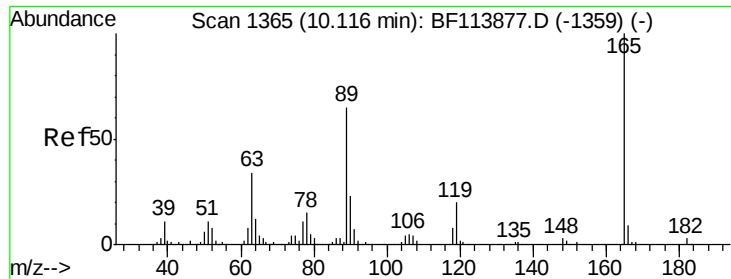


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

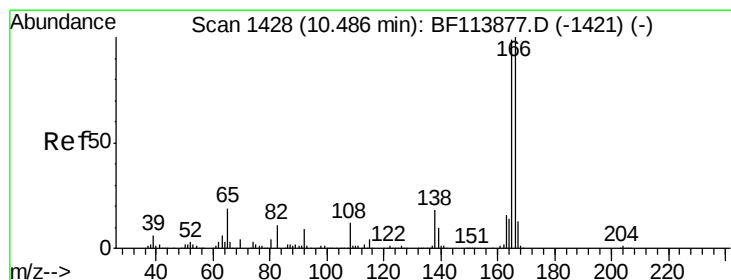
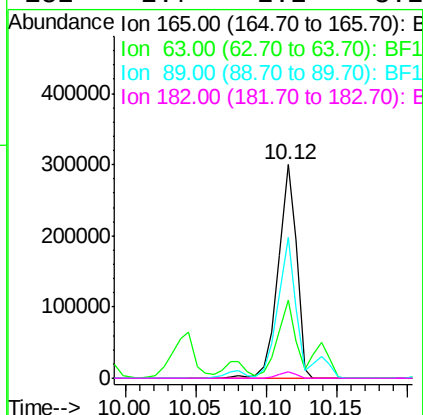
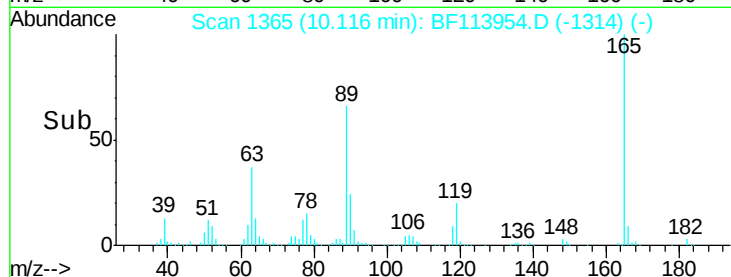
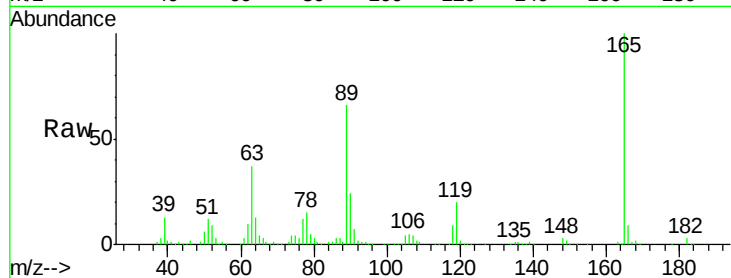




#57
2,4-Dinitrotoluene
Concen: 50.390 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

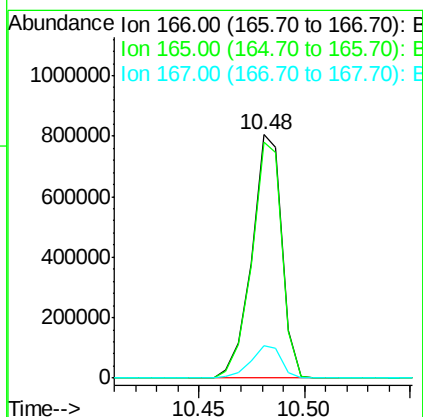
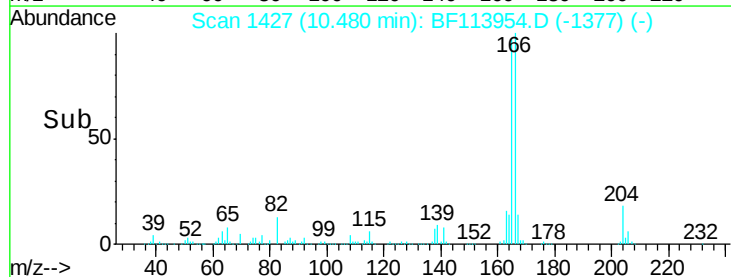
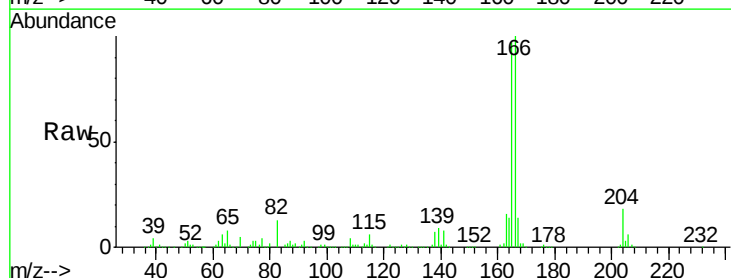
Instrument :
BNA_F
ClientSampleId :

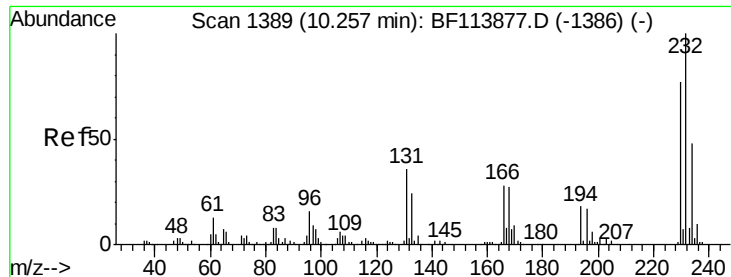
Tot Ion:	165	Resp:	273135
Ion	Ratio	Lower	Upper
165	100		
63	36.5	27.4	41.0
89	65.9	51.8	77.6
182	2.7	2.2	3.2



#58
Fluorene
Concen: 44.394 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

Tgt Ion:	166	Resp:	796445
Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.4	117.6
167	13.5	10.9	16.3

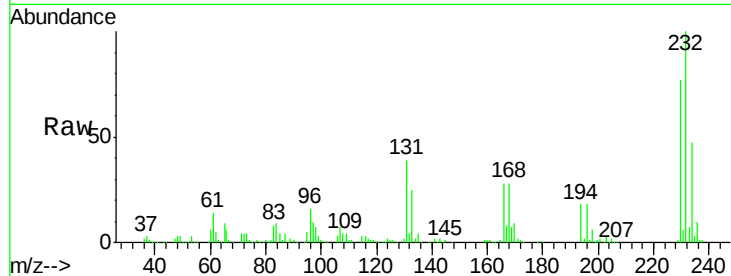




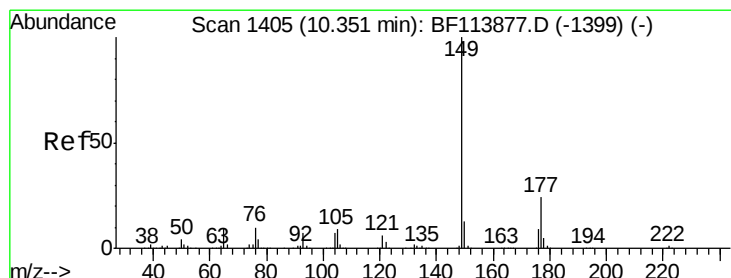
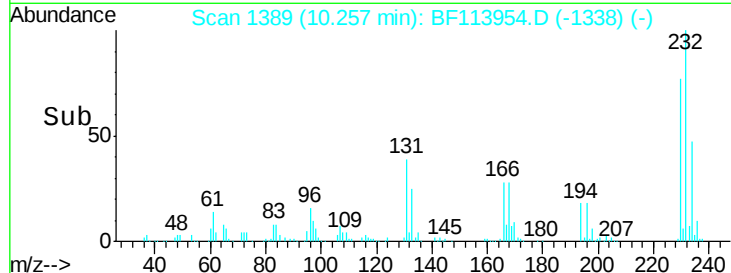
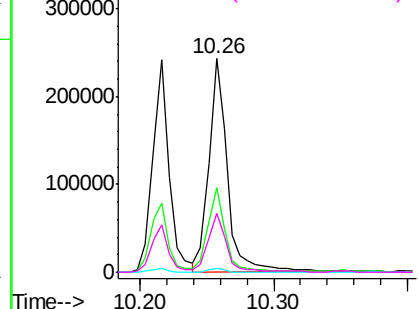
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.336 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF113954.D
 Acq: 24 Apr 2019 12:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232	Resp:	232607
Ion Ratio	Lower	Upper
232 100		
131 39.5	30.2	45.2
130 1.8	1.5	2.3
166 27.0	22.2	33.4

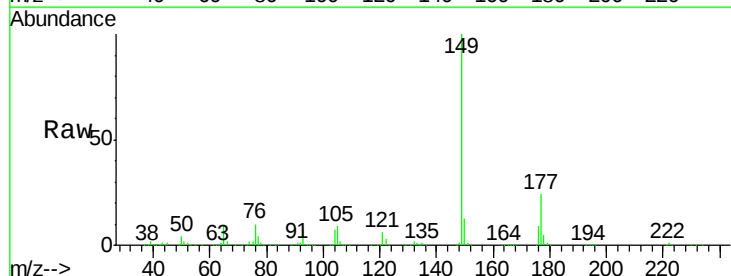


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

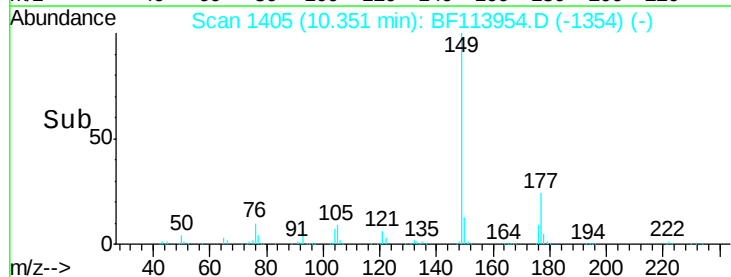
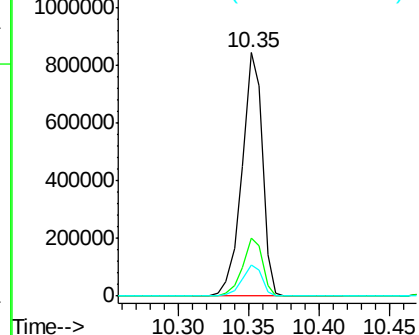


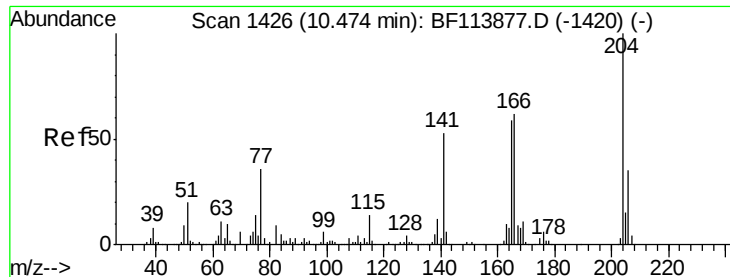
#60
 Diethylphthalate
 Concen: 44.706 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF113954.D
 Acq: 24 Apr 2019 12:05

Tgt Ion:149	Resp: 849792
Ion Ratio	Lower Upper
149 100	
177 23.6	19.2 28.8
150 12.9	10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

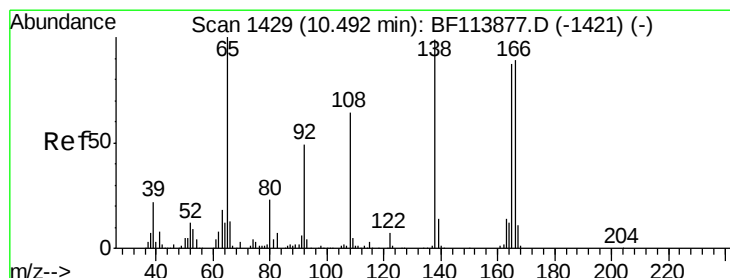
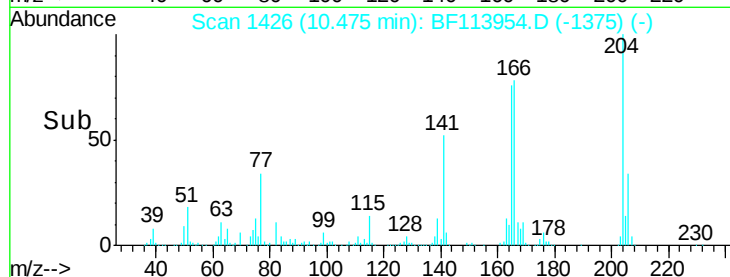
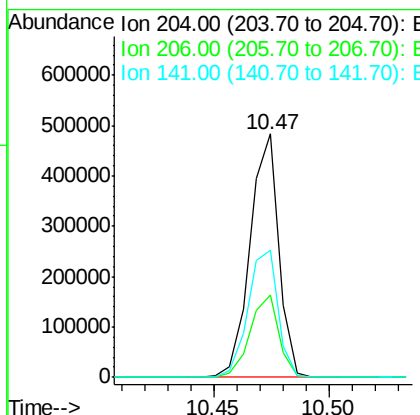
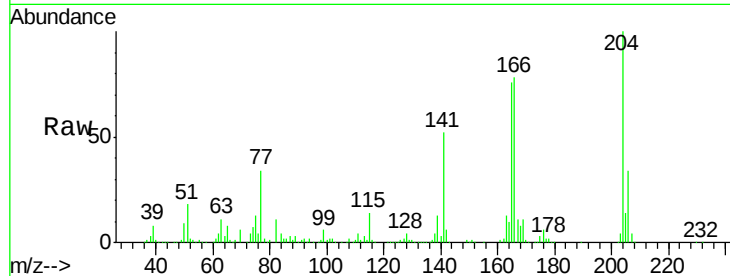




#61
4-Chlorophenyl-phenylether
Concen: 44.120 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

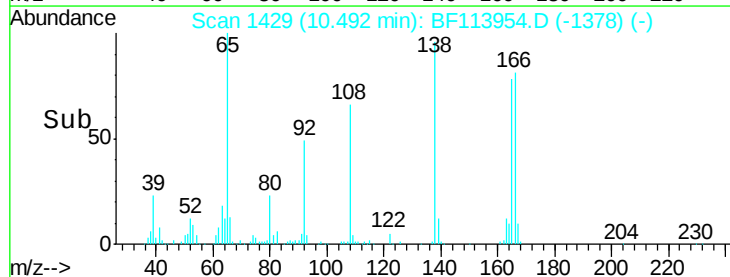
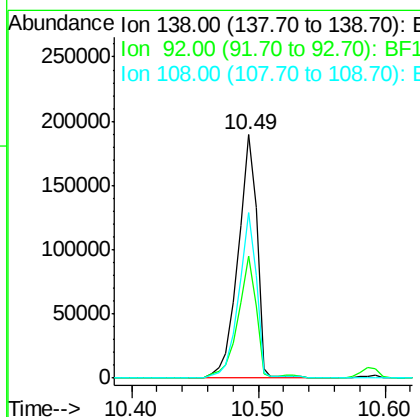
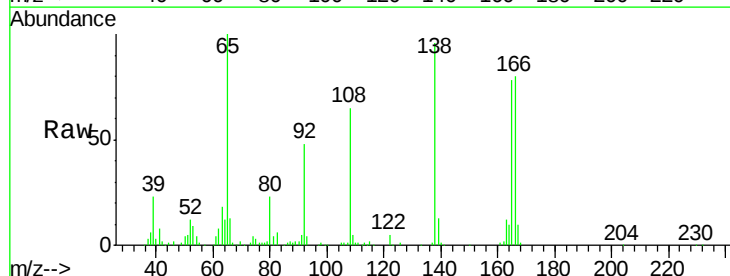
Instrument :
BNA_F
ClientSampleId :

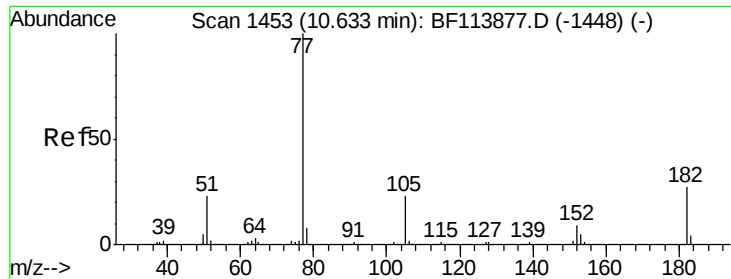
Tot Ion:204 Resp: 419187
Ion Ratio Lower Upper
204 100
206 33.6 27.4 41.2
141 52.1 42.6 63.8



#62
4-Nitroaniline
Concen: 43.836 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

Tgt Ion:138 Resp: 193038
Ion Ratio Lower Upper
138 100
92 50.4 31.3 71.3
108 68.2 48.9 88.9





#63

Azobenzene

Concen: 43.111 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 794230

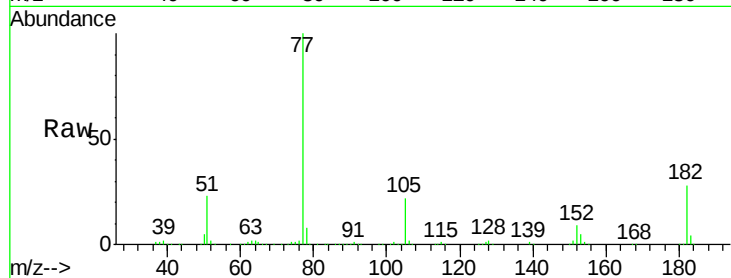
Ion Ratio Lower Upper

77 100

182 27.6 4.4 44.4

105 22.5 2.2 42.2

51 23.1 3.9 43.9

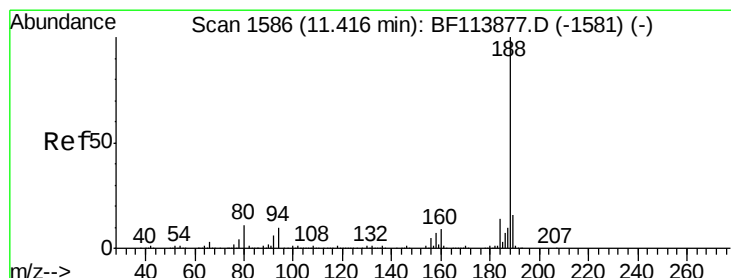
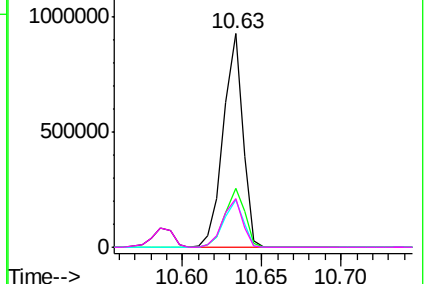
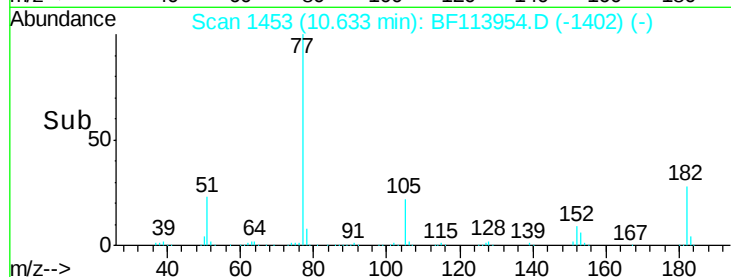


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

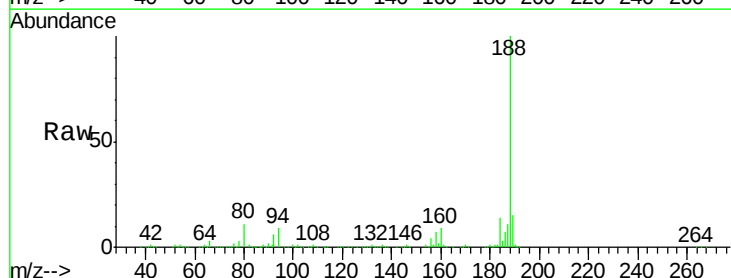
Tgt Ion: 188 Resp: 531522

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.4

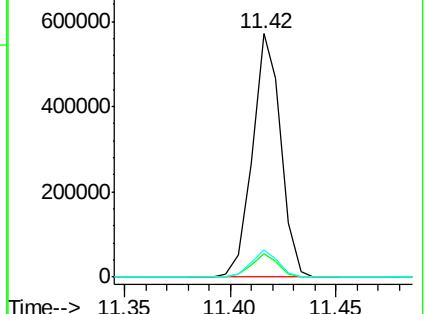
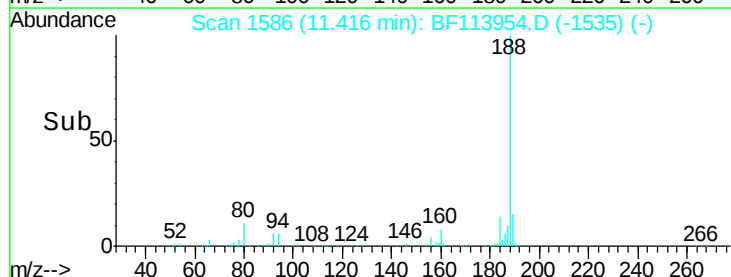
80 11.3 9.0 13.6

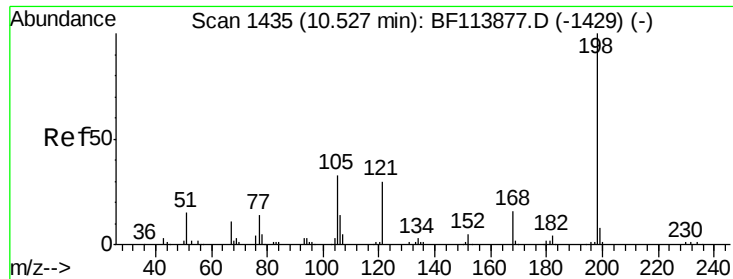


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

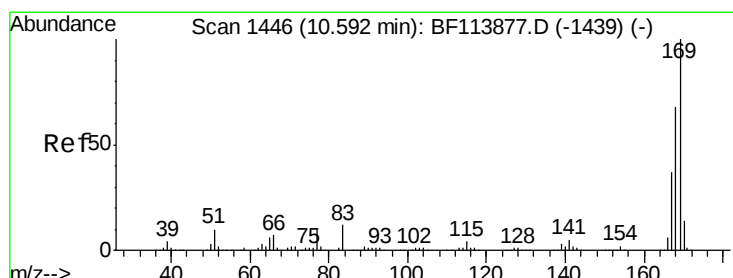
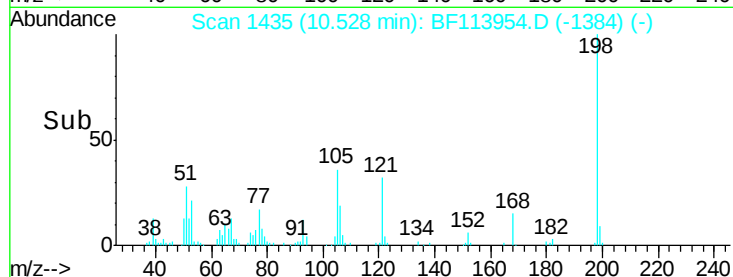
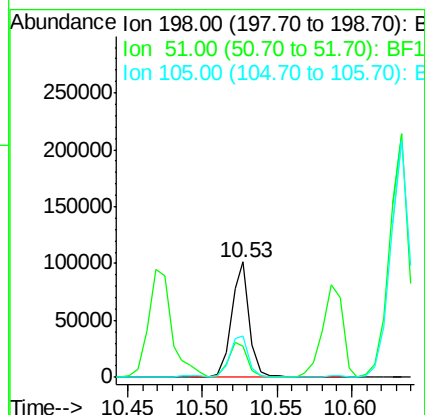
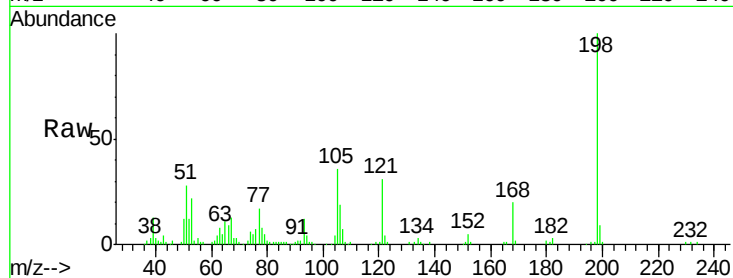




#65
4,6-Dinitro-2-methylphenol
Concen: 36.998 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

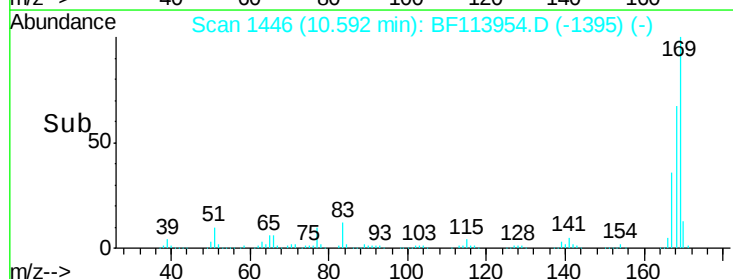
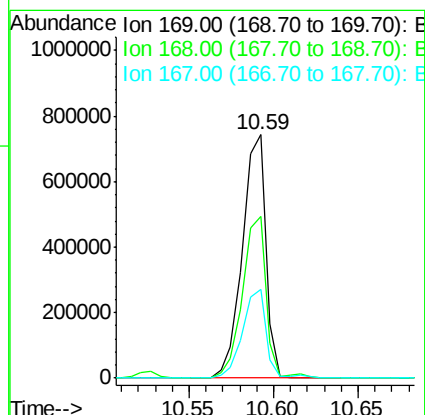
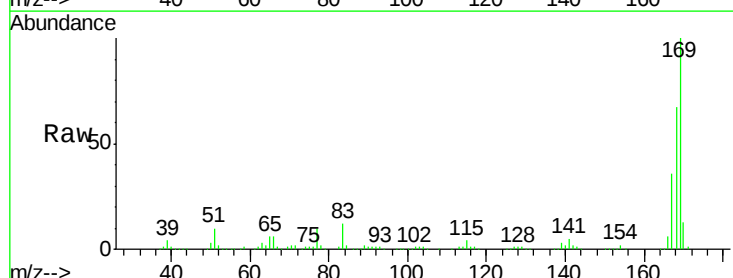
Instrument :
BNA_F
ClientSampled :

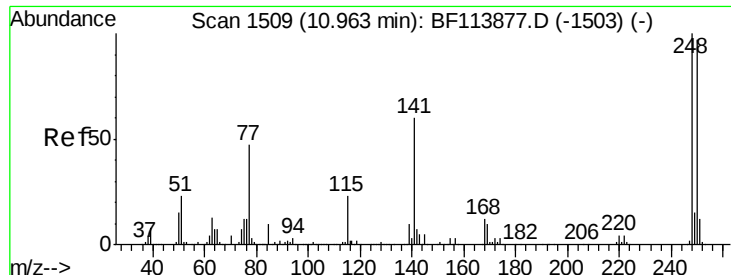
Tot Ion:198 Resp: 85322
Ion Ratio Lower Upper
198 100
51 27.6 11.1 51.1
105 35.6 20.7 60.7



#66
n-Nitrosodiphenylamine
Concen: 45.244 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

Tgt Ion:169 Resp: 721569
Ion Ratio Lower Upper
169 100
168 66.6 54.3 81.5
167 36.4 29.4 44.0

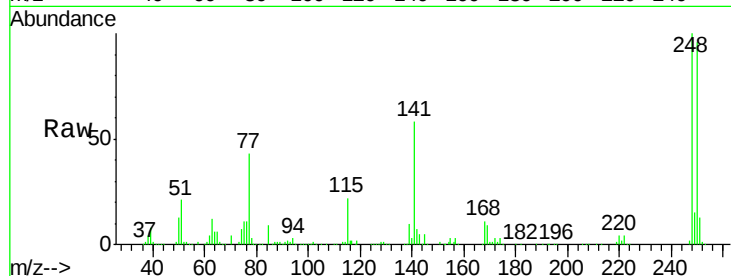




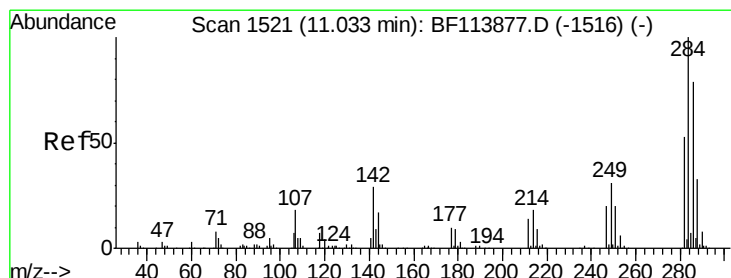
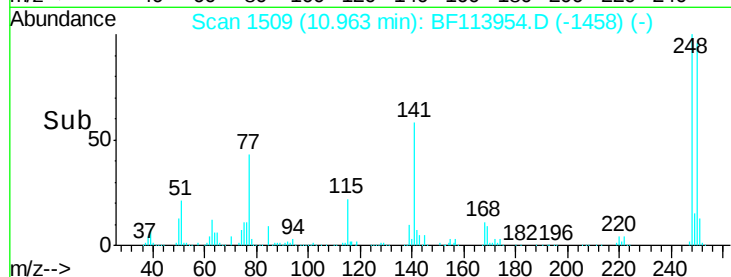
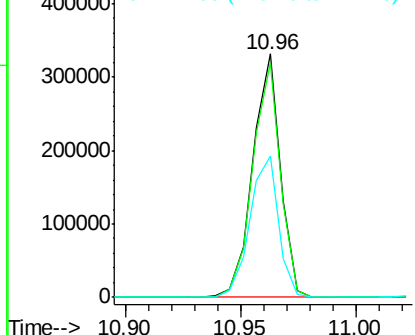
#67
4-Bromophenyl-phenylether
Concen: 43.223 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 277535
Ion Ratio Lower Upper
248 100
250 96.3 75.8 113.6
141 58.0 50.2 75.4

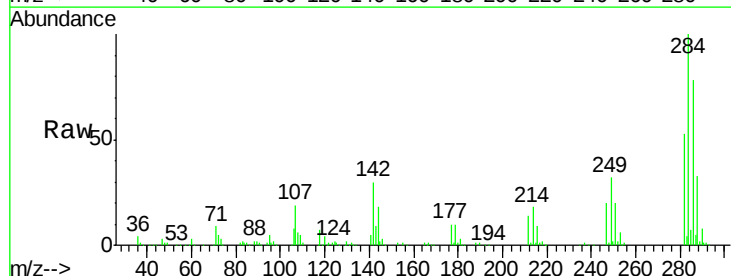


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

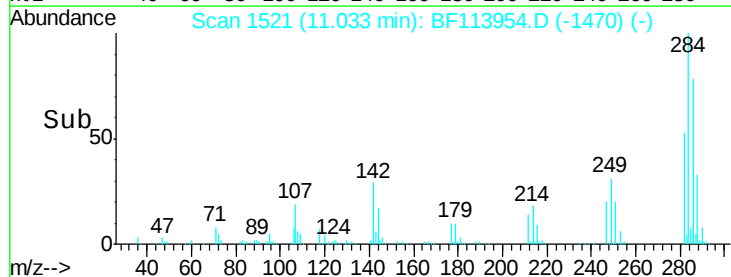
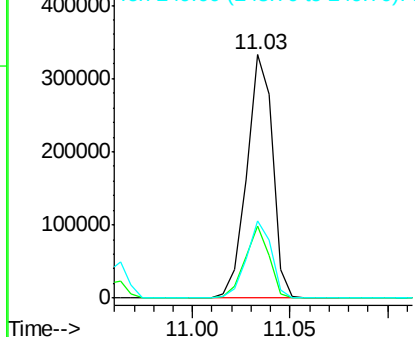


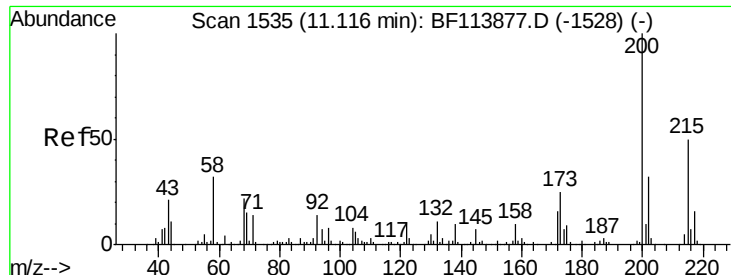
#68
Hexachlorobenzene
Concen: 42.983 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

Tgt Ion:284 Resp: 303287
Ion Ratio Lower Upper
284 100
142 29.6 23.0 34.4
249 31.7 24.4 36.6



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





#69

Atrazine

Concen: 46.059 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

Instrument :

BNA_F

ClientSampleId :

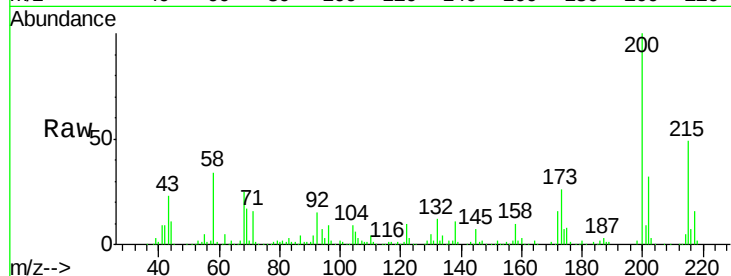
Tot Ion:200 Resp: 238956

Ion Ratio Lower Upper

200 100

173 26.3 5.9 45.9

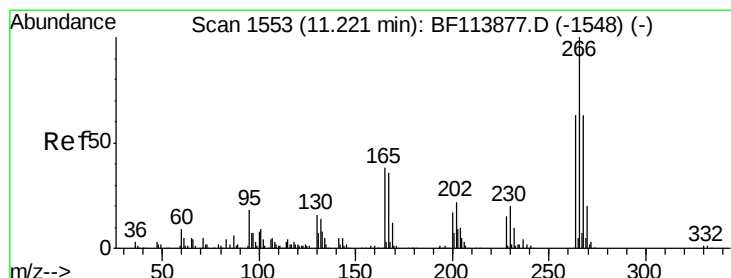
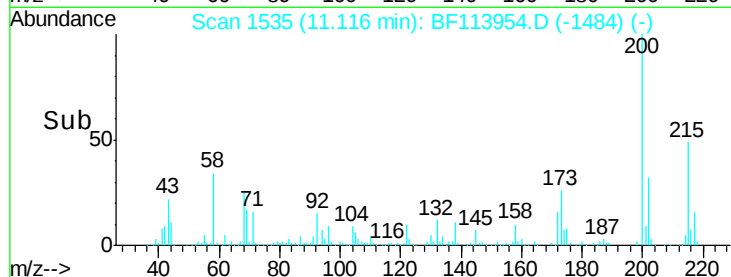
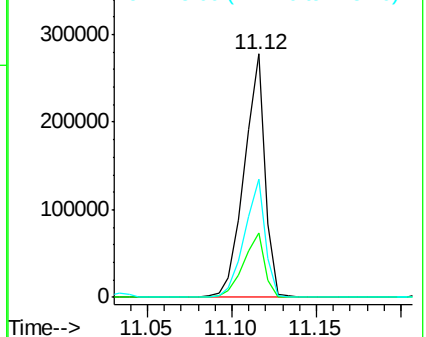
215 48.8 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 68.631 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

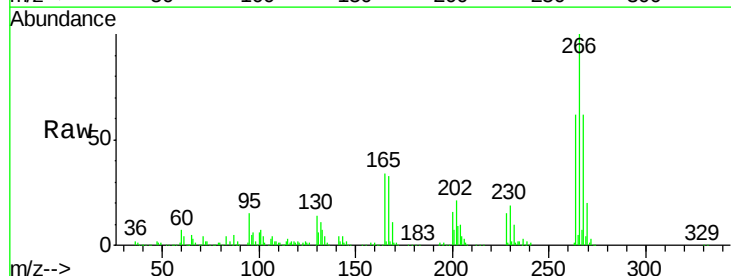
Tgt Ion:266 Resp: 274184

Ion Ratio Lower Upper

266 100

268 62.5 53.5 80.3

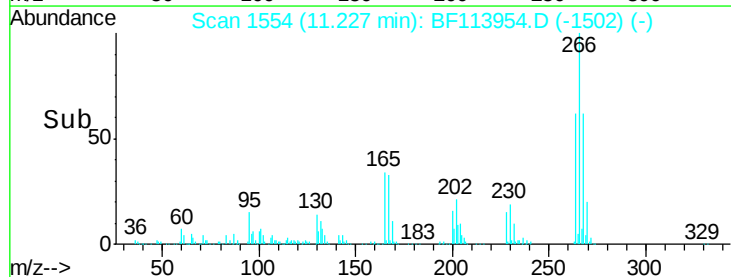
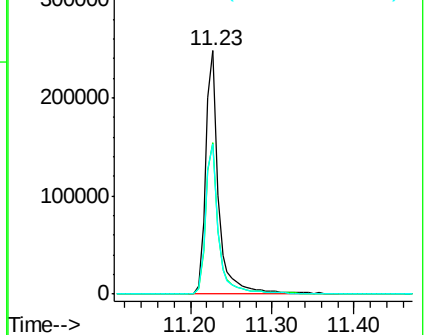
264 61.5 51.0 76.6

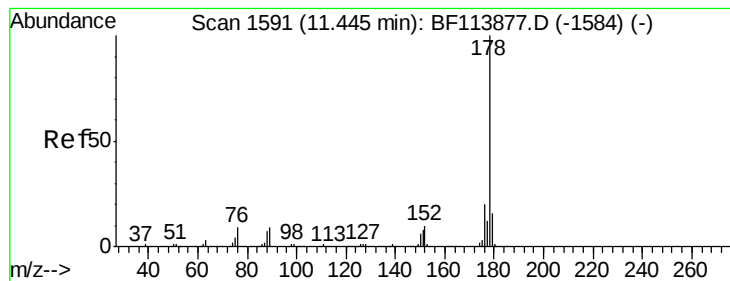


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.903 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

Instrument :

BNA_F

ClientSampleId :

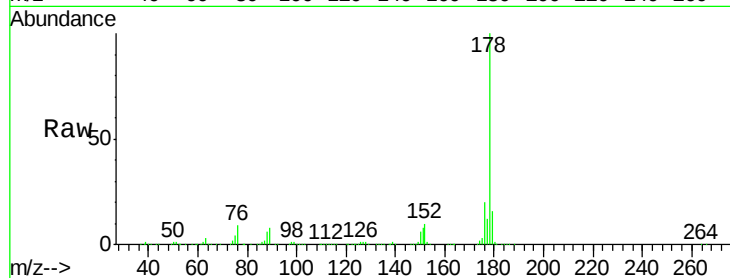
Tot Ion:178 Resp: 1199441

Ion Ratio Lower Upper

178 100

176 19.7 16.1 24.1

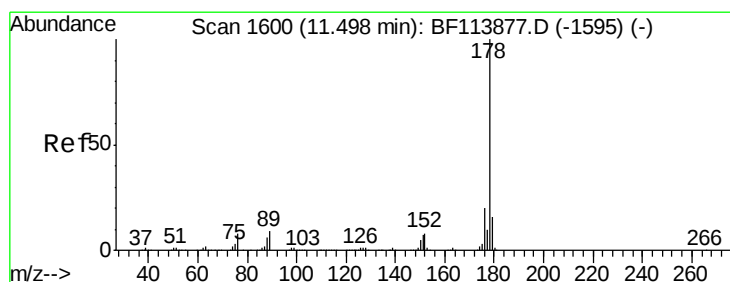
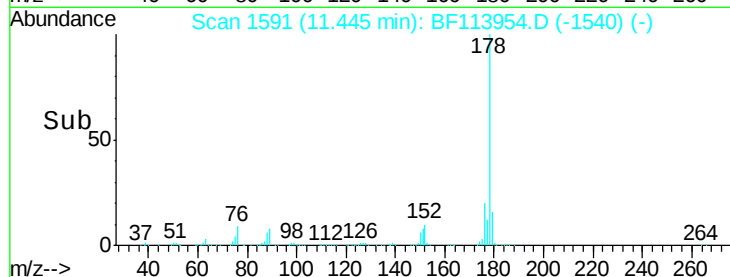
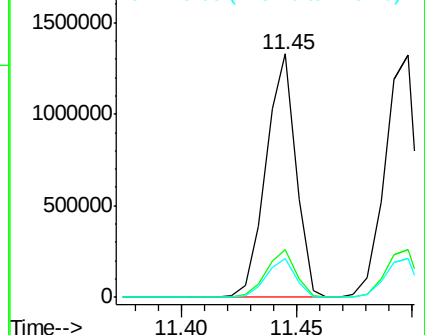
179 16.0 12.8 19.2



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: 45.237 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

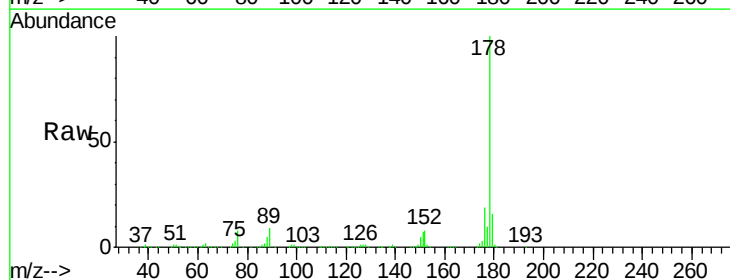
Tgt Ion:178 Resp: 1220265

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

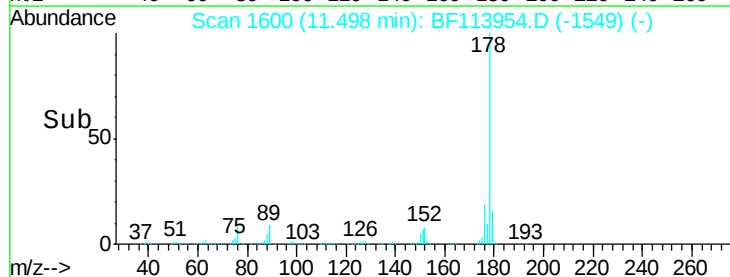
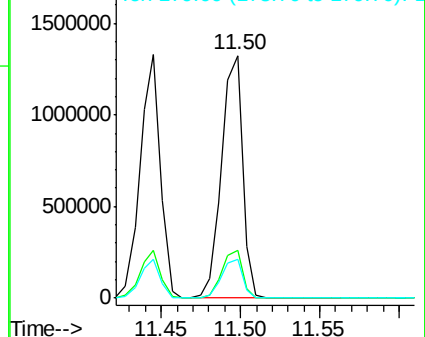
179 15.8 13.0 19.4

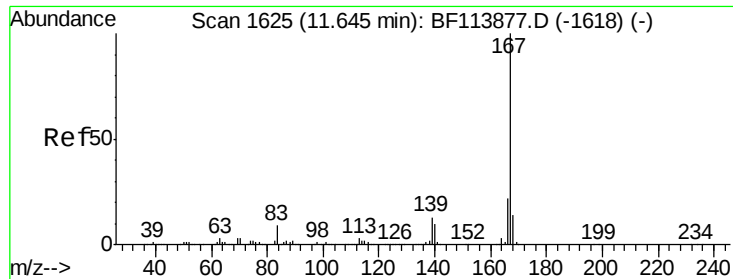


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

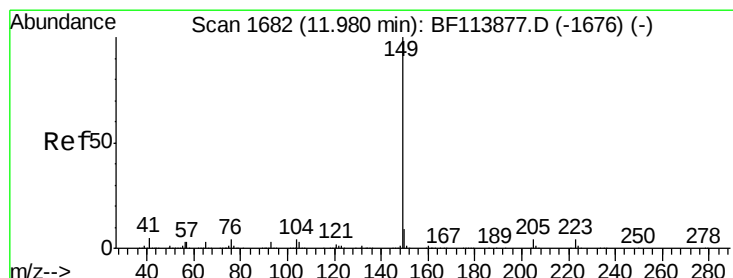
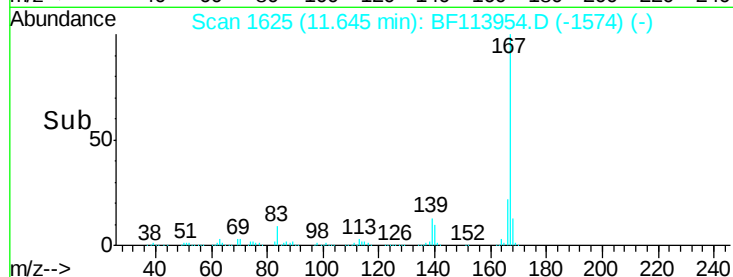
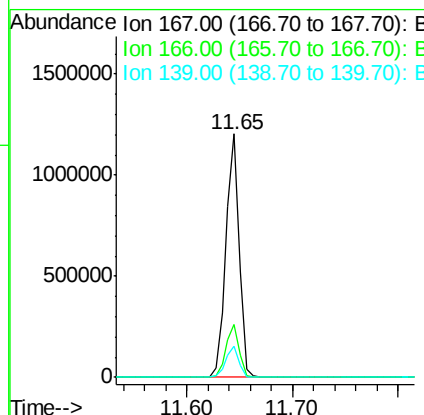
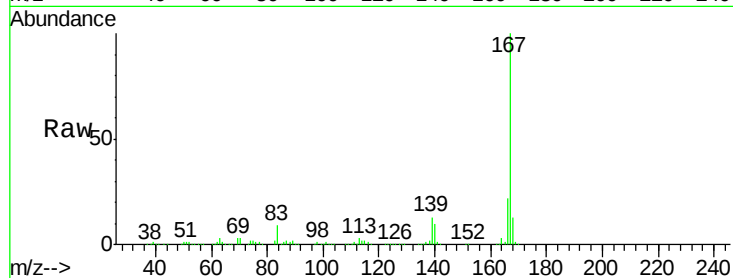




#73
 Carbazole
 Concen: 44.150 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF113954.D
 Acq: 24 Apr 2019 12:05

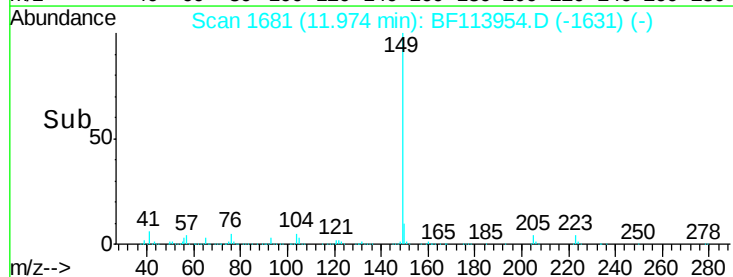
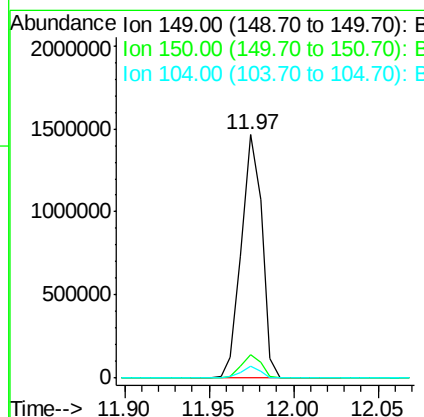
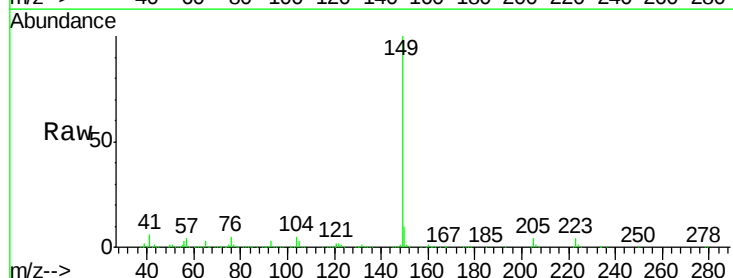
Instrument :
 BNA_F
 ClientSampleId :

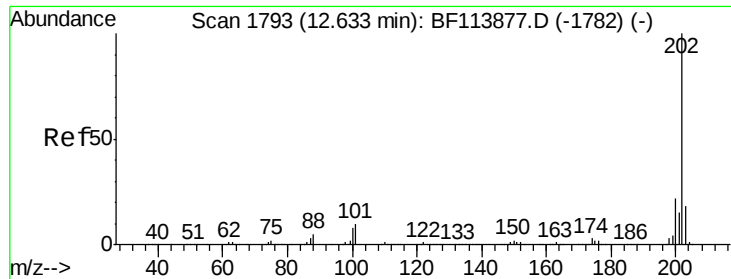
Tot Ion:167 Resp: 1062479
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 12.8 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 44.123 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF113954.D
 Acq: 24 Apr 2019 12:05

Tgt Ion:149 Resp: 1249082
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 4.8 3.8 5.8





#75

Fluoranthene

Concen: 41.065 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

Instrument :

BNA_F

ClientSampleId :

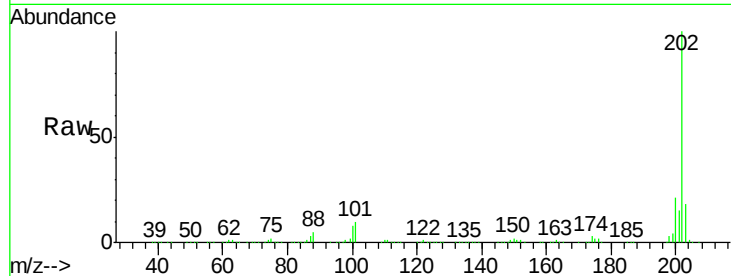
Tot Ion:202 Resp: 1196767

Ion Ratio Lower Upper

202 100

101 10.5 0.0 32.9

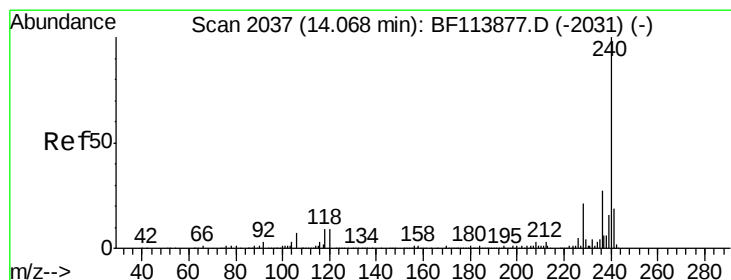
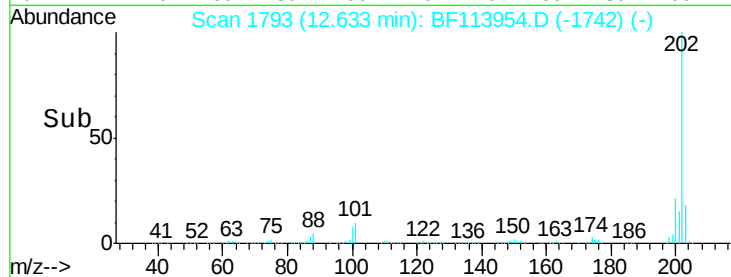
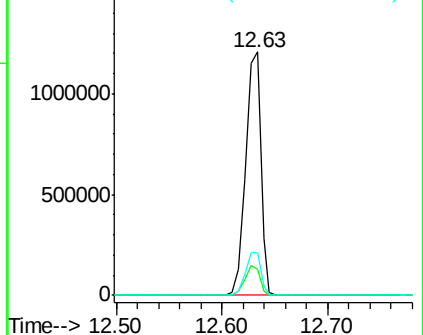
203 17.7 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF113954.D

Acq: 24 Apr 2019 12:05

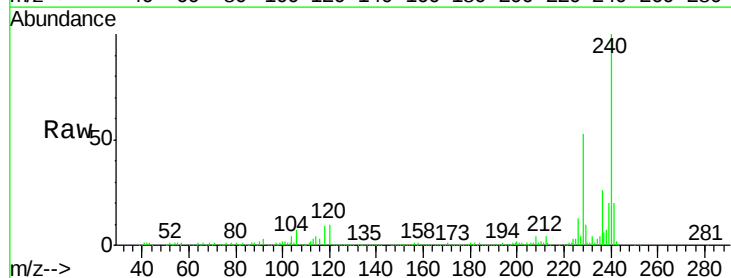
Tgt Ion:240 Resp: 331436

Ion Ratio Lower Upper

240 100

120 10.4 9.3 13.9

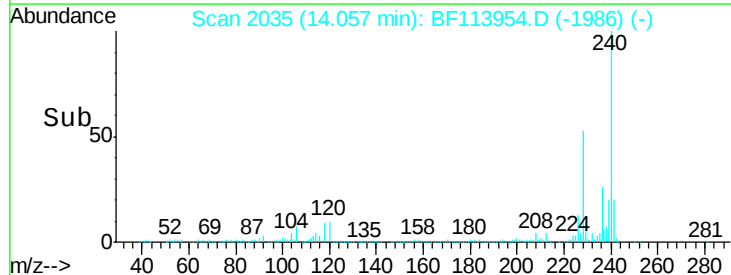
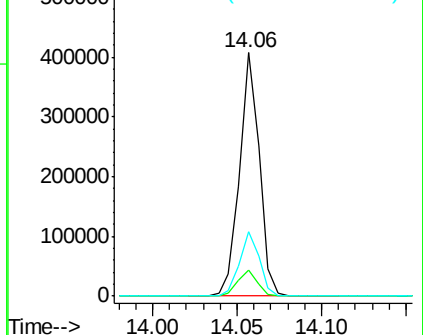
236 26.4 21.2 31.8

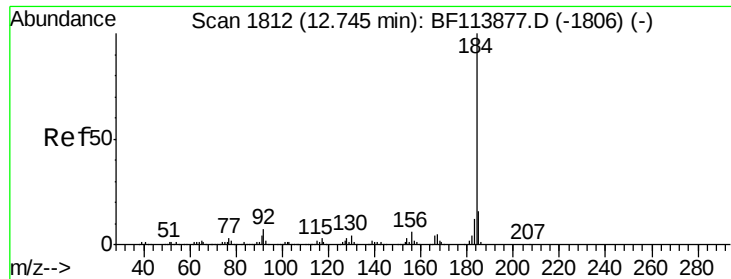


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

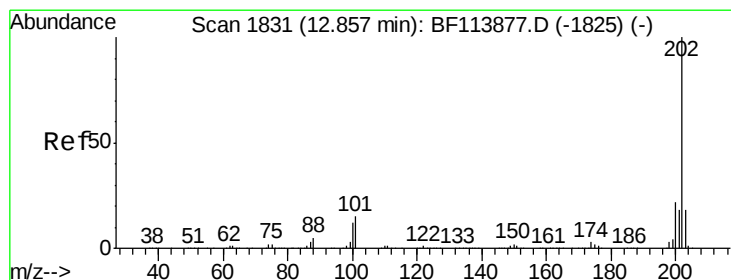
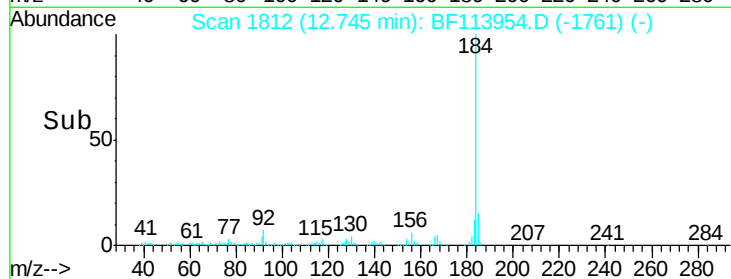
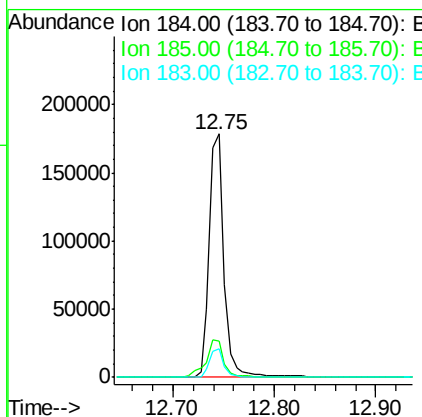
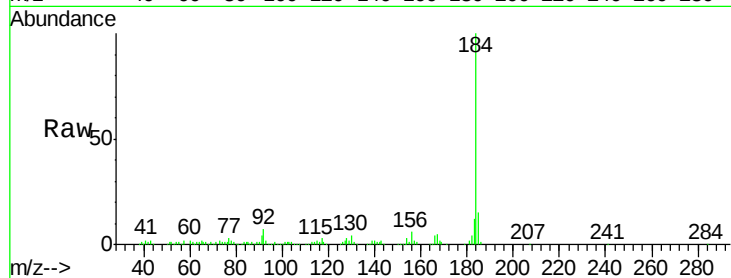




#77
Benzidine
Concen: 18.475 ng
RT: 12.75 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

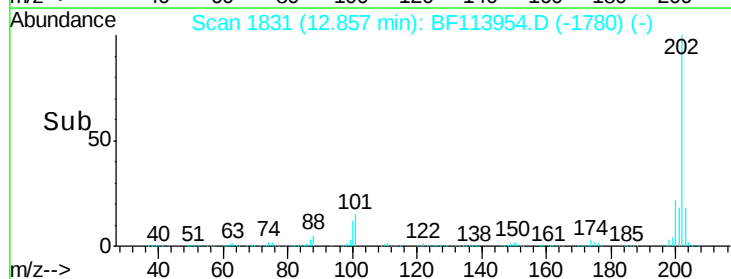
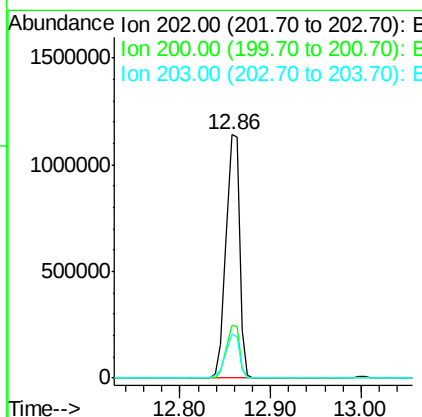
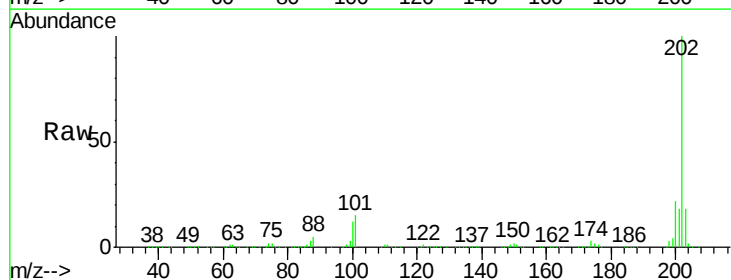
Instrument :
BNA_F
ClientSampleId :

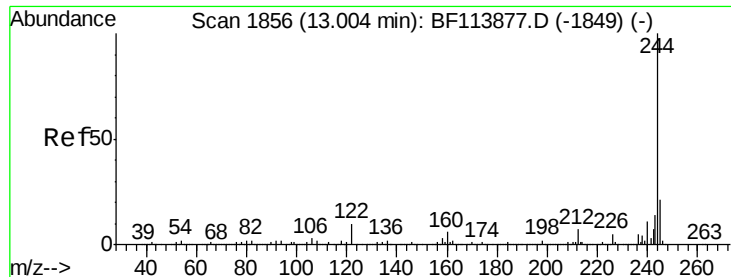
Tot Ion:184 Resp: 182445
Ion Ratio Lower Upper
184 100
185 15.0 13.0 19.6
183 11.8 9.4 14.0



#78
Pyrene
Concen: 50.628 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

Tgt Ion:202 Resp: 1173442
Ion Ratio Lower Upper
202 100
200 21.8 17.7 26.5
203 18.2 15.0 22.6

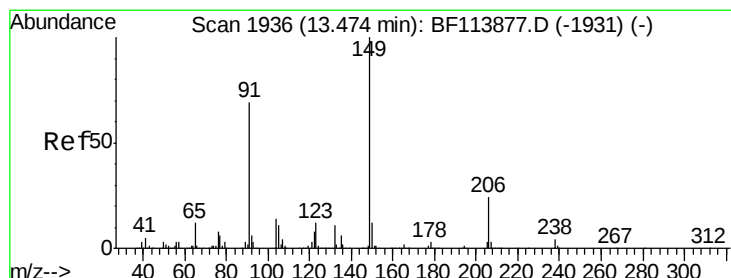
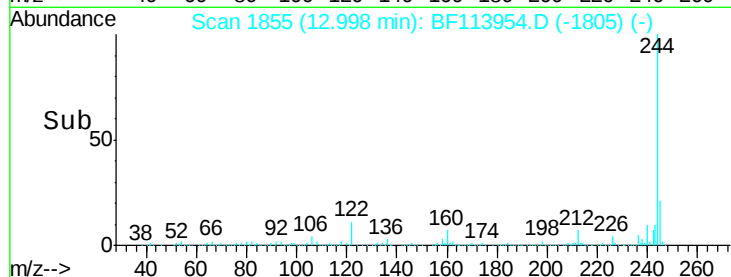
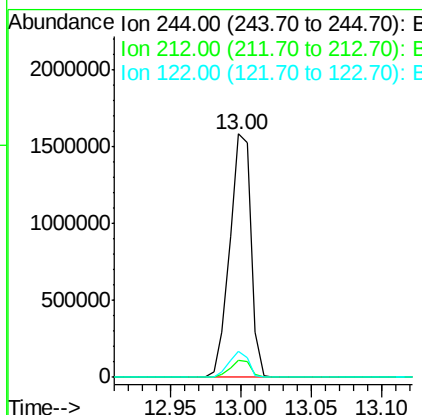
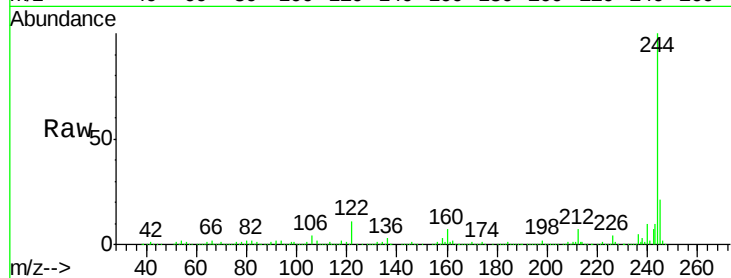




#79
 Terphenyl-d14
 Concen: 101.845 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF113954.D
 Acq: 24 Apr 2019 12:05

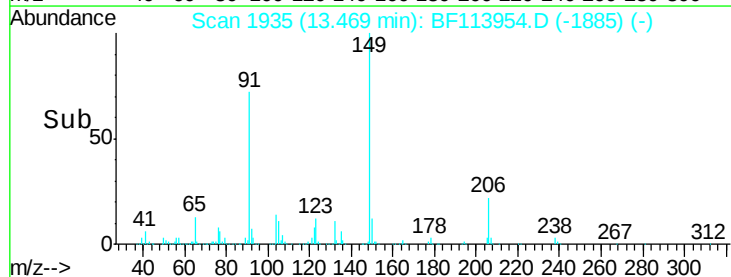
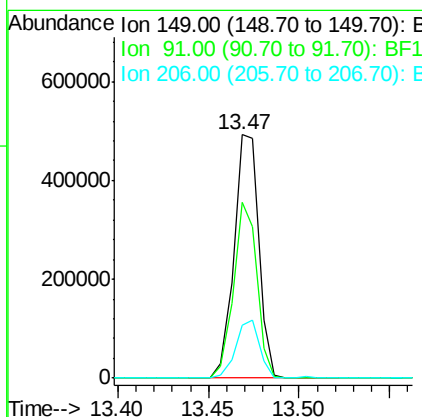
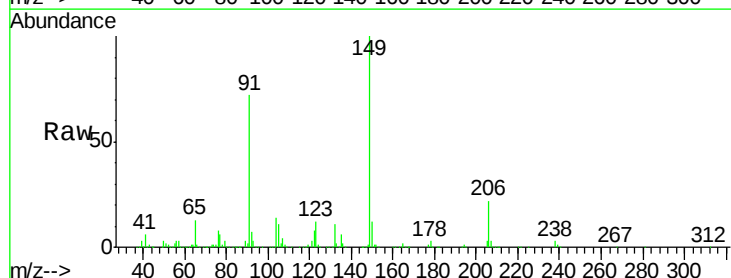
Instrument :
 BNA_F
 ClientSampleId :

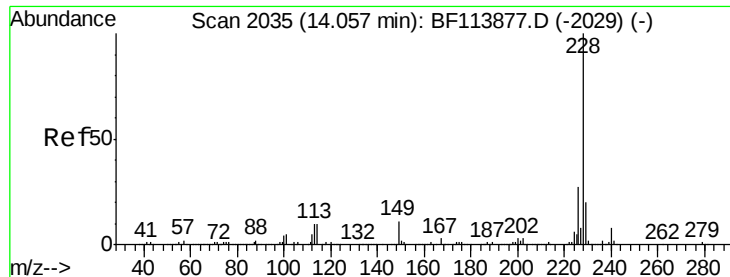
Tot Ion:244 Resp: 1646482
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.8 7.6 11.4



#80
 Butylbenzylphthalate
 Concen: 51.398 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BF113954.D
 Acq: 24 Apr 2019 12:05

Tgt Ion:149 Resp: 468715
 Ion Ratio Lower Upper
 149 100
 91 72.4 56.3 84.5
 206 21.6 19.0 28.6

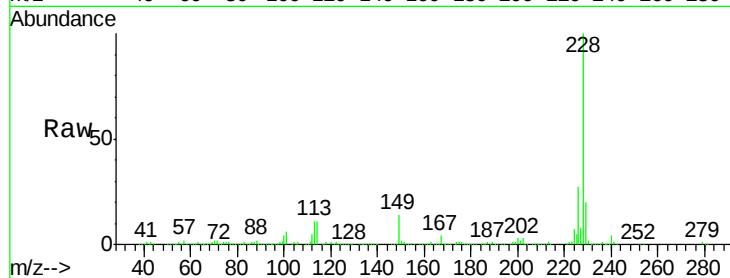




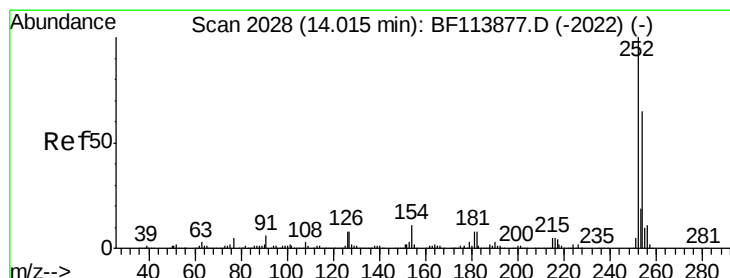
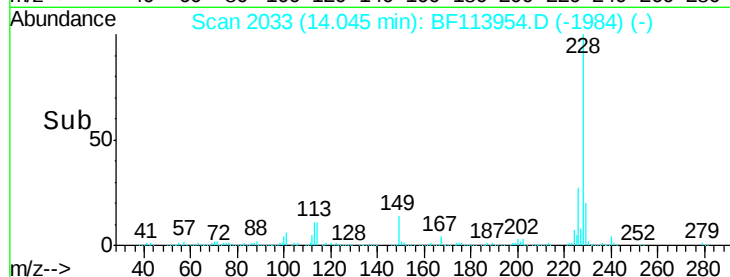
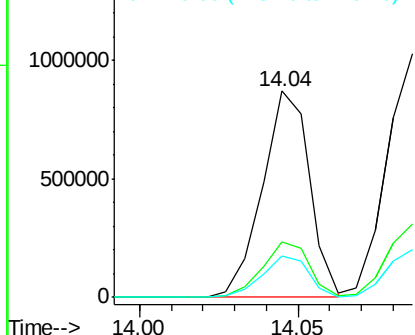
#81
Benzo(a)anthracene
Concen: 46.297 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 904071
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.2
229 19.8 16.0 24.0

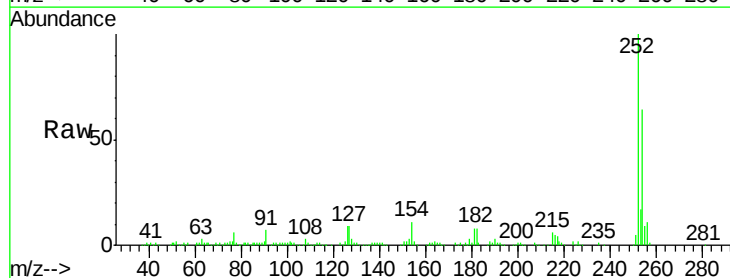


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

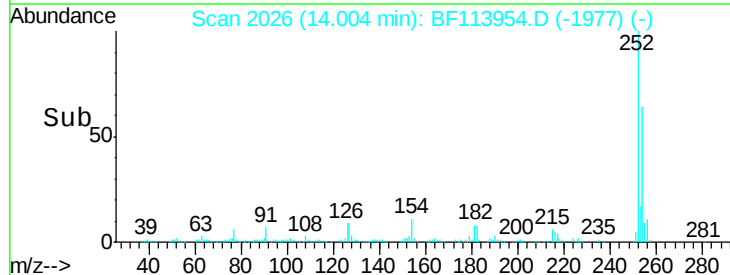
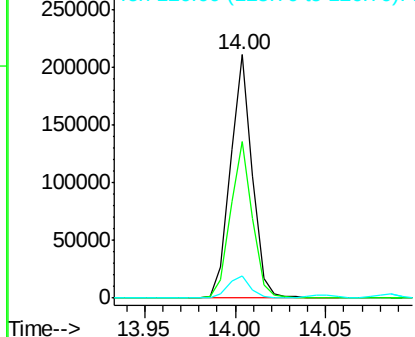


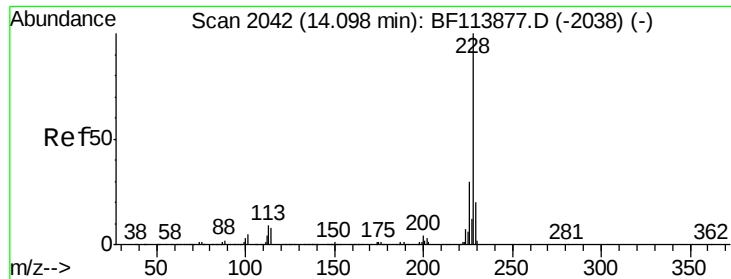
#82
3,3'-Dichlorobenzidine
Concen: 24.705 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

Tgt Ion:252 Resp: 176825
Ion Ratio Lower Upper
252 100
254 64.2 52.1 78.1
126 9.1 9.3 13.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

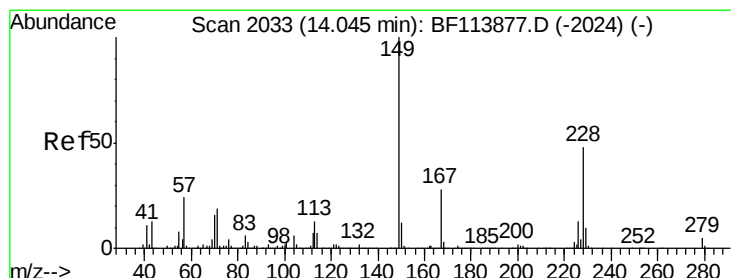
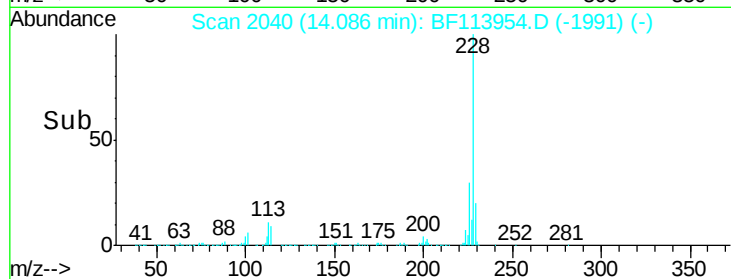
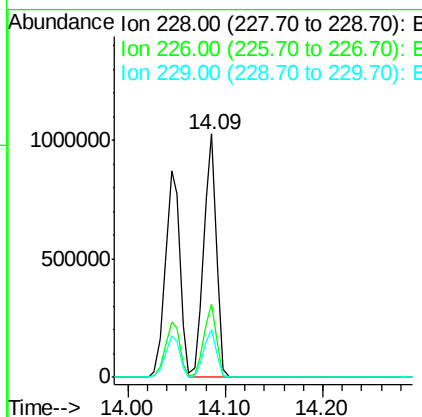
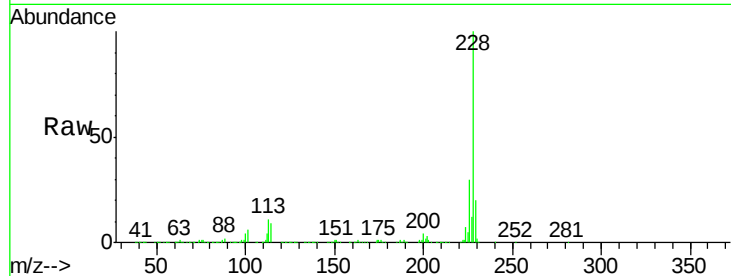




#83
 Chrysene
 Concen: 48.161 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF113954.D
 Acq: 24 Apr 2019 12:05

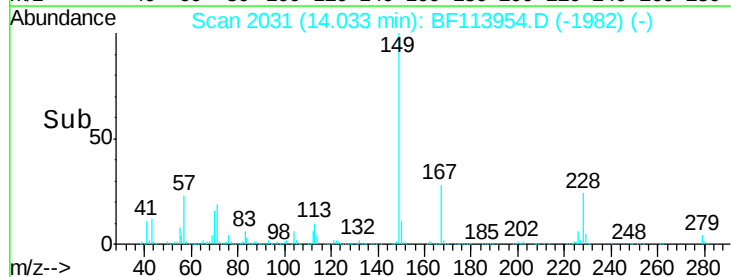
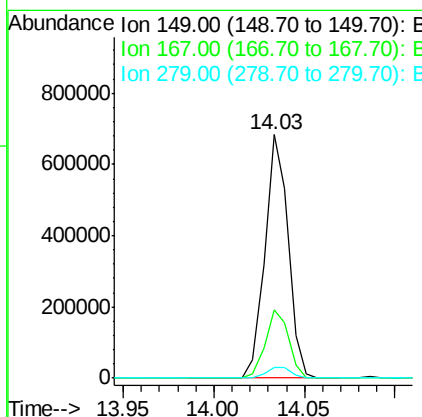
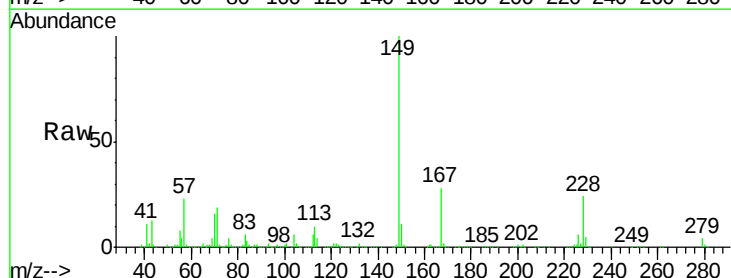
Instrument :
 BNA_F
 ClientSampleID :

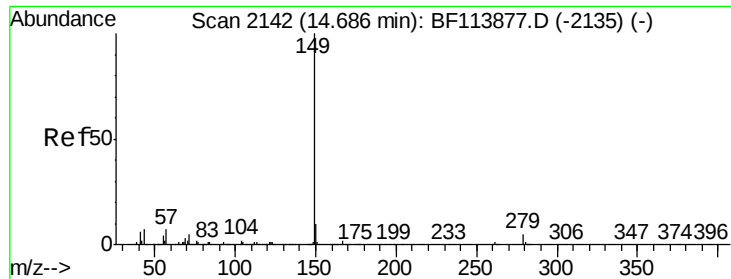
Tot Ion:228 Resp: 915935
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.2 37.8
 229 19.6 16.7 25.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.437 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF113954.D
 Acq: 24 Apr 2019 12:05

Tgt Ion:149 Resp: 608399
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.9 34.3
 279 4.4 4.2 6.2

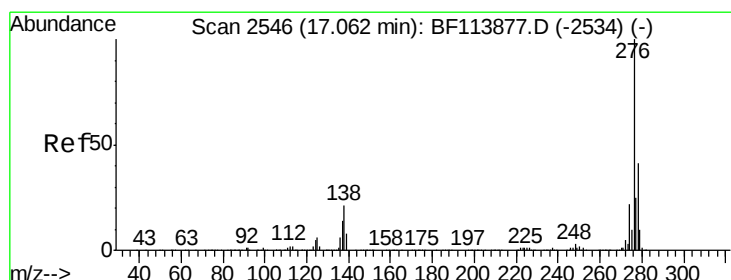
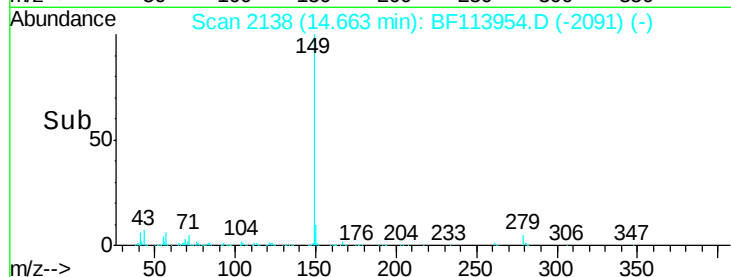
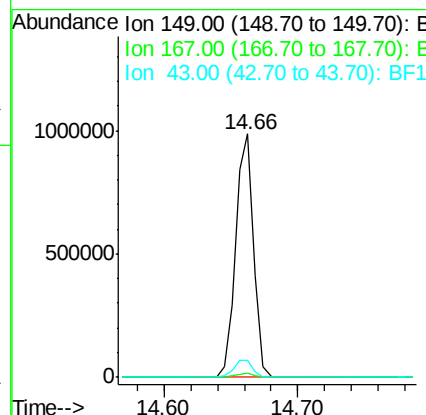
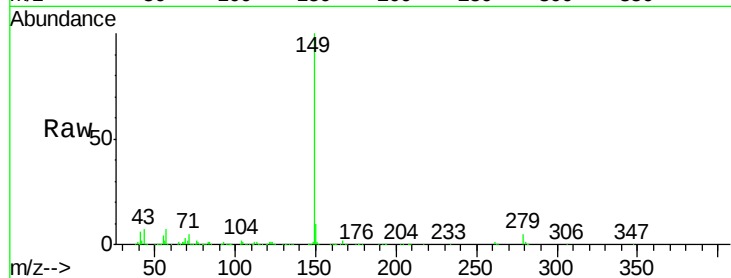




#85
Di-n-octyl phthalate
Concen: 51.204 ng
RT: 14.66 min Scan# 2138
Delta R.T. -0.02 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

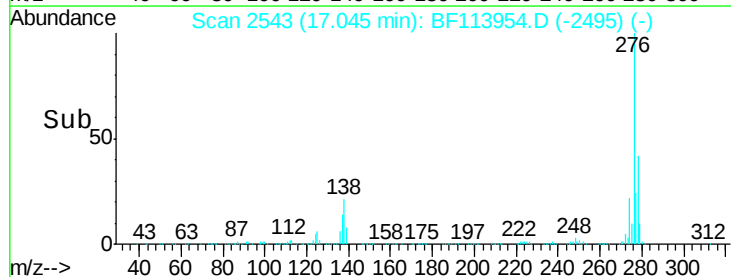
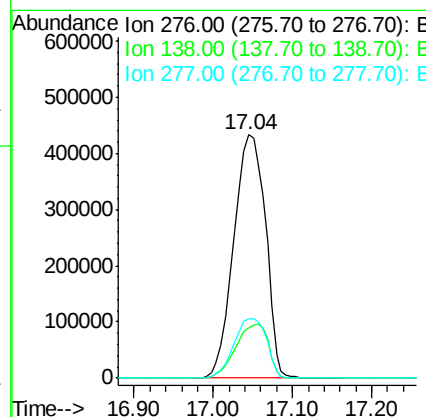
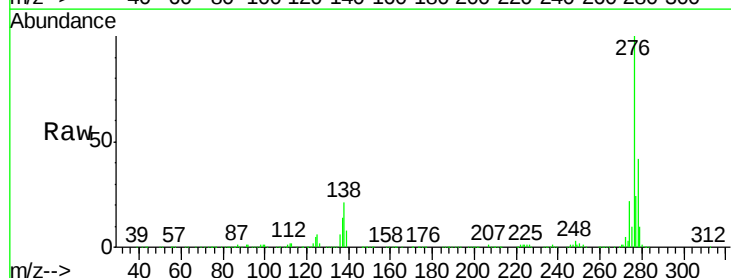
Instrument :
BNA_F
ClientSampleId :

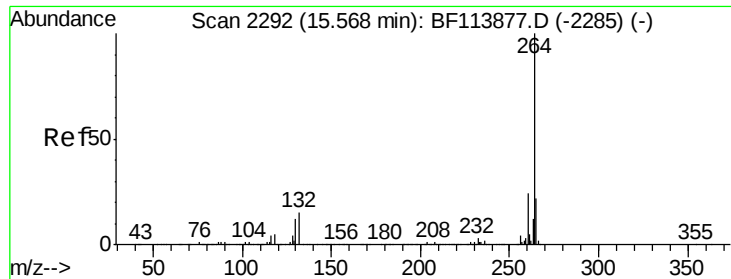
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.6	10.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 66.946 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.02 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	19.6	29.4
277	25.3	20.2	30.4

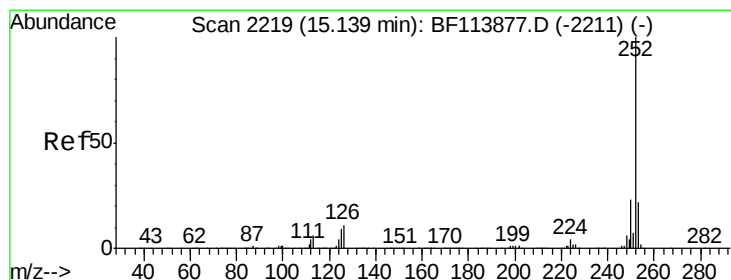
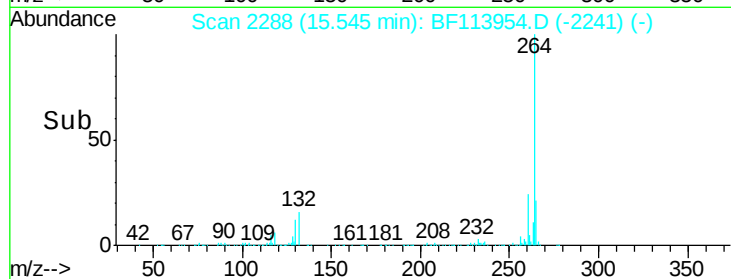
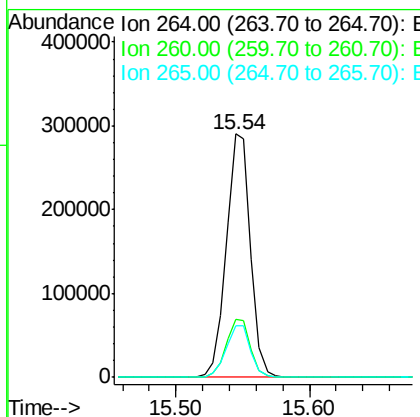
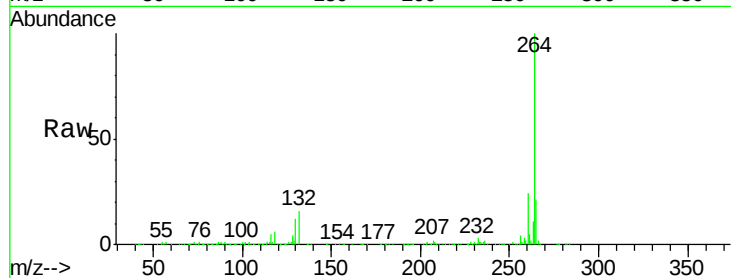




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

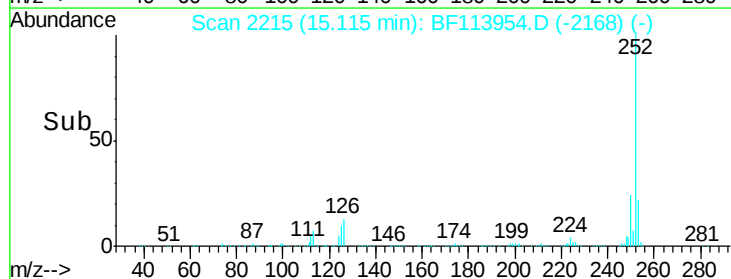
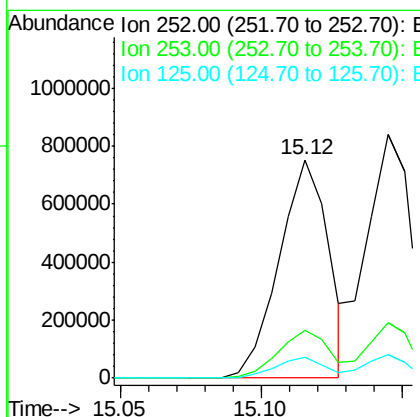
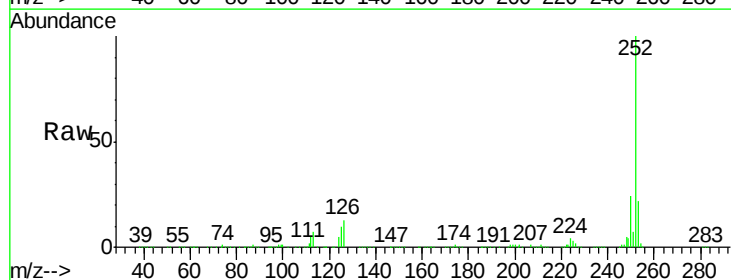
Instrument :
BNA_F
ClientSampleId :

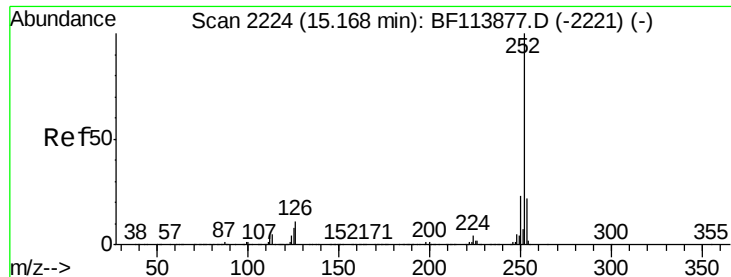
Tot Ion:264 Resp: 368340
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 21.5 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 39.253 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

Tgt Ion:252 Resp: 914784
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 9.7 7.0 10.6

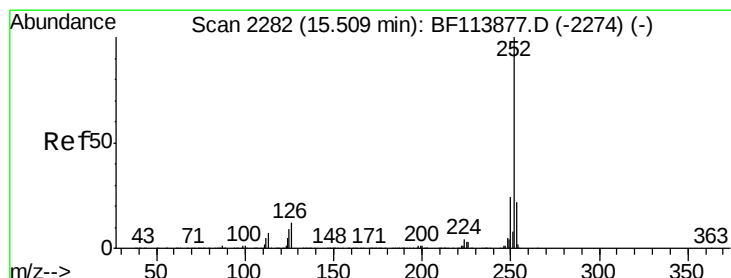
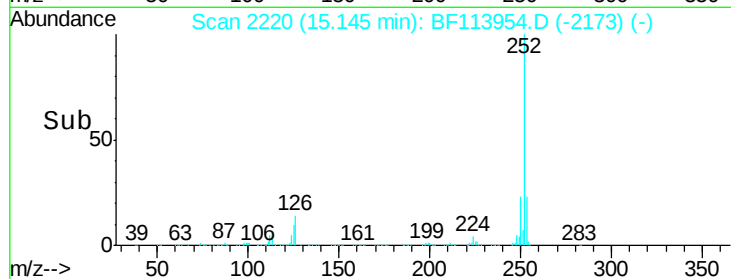
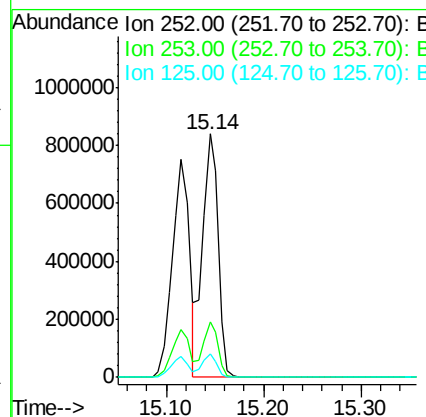
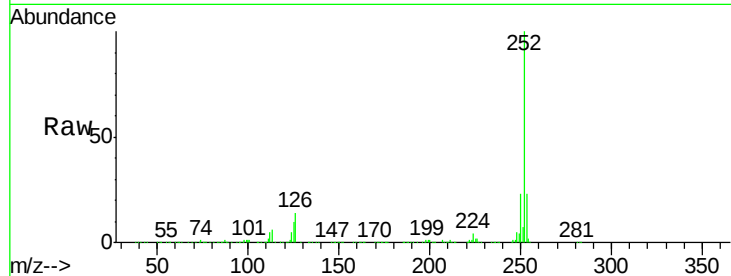




#89
Benzo(k)fluoranthene
Concen: 45.972 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

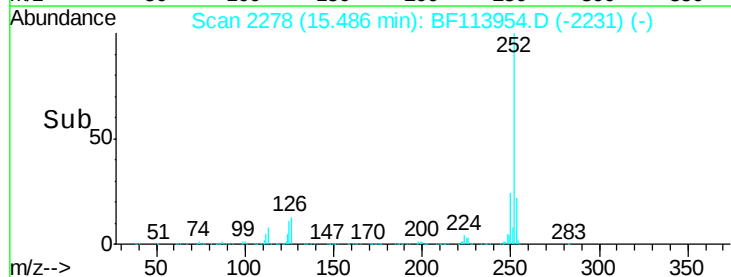
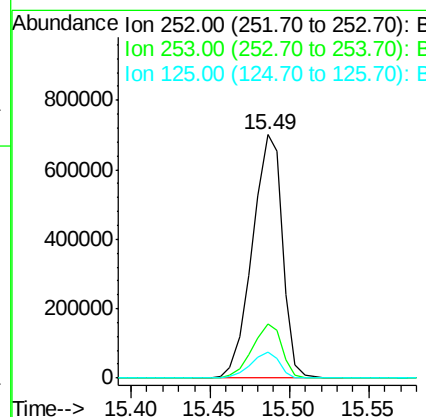
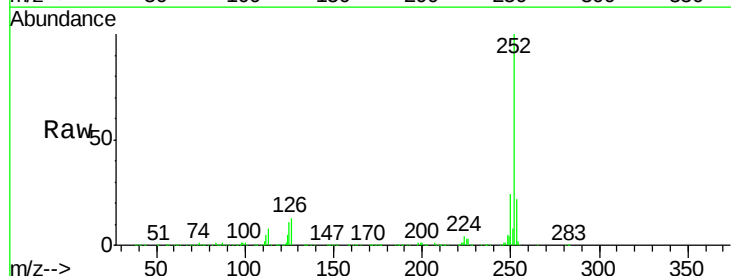
Instrument :
BNA_F
ClientSampleId :

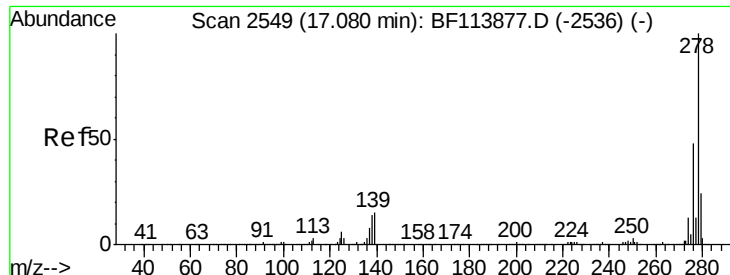
Tot Ion:252 Resp: 921551
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 9.8 7.4 11.2



#90
Benzo(a)pyrene
Concen: 45.964 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

Tgt Ion:252 Resp: 926511
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.6 8.5 12.7

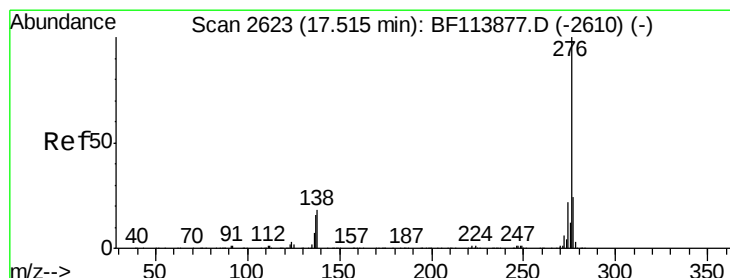
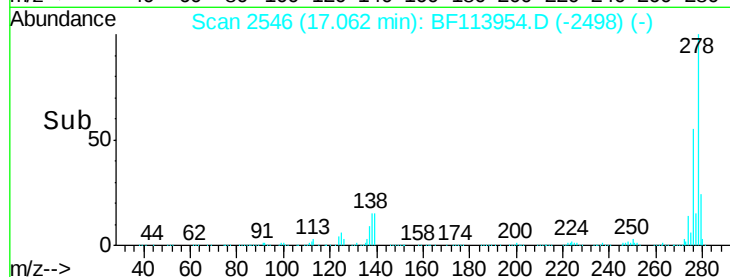
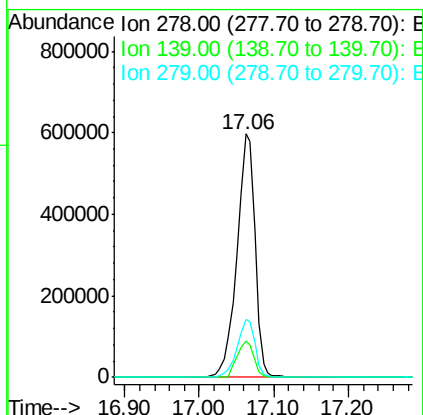
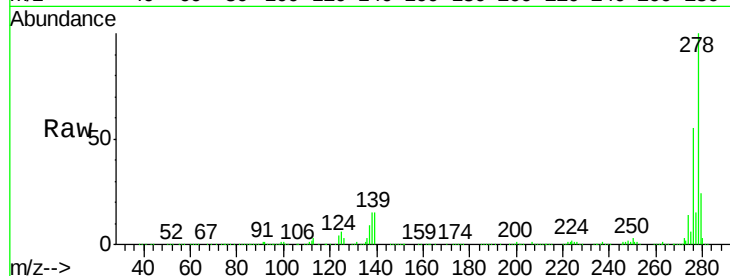




#91
Dibenzo(a,h)anthracene
Concen: 53.143 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.02 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1005573
Ion Ratio Lower Upper
278 100
139 15.1 11.6 17.4
279 23.9 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 54.722 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.02 min
Lab File: BF113954.D
Acq: 24 Apr 2019 12:05

Tgt Ion:276 Resp: 1044946
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.4
138 19.9 16.6 25.0

