

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030719\
 Data File : BF112917.D
 Acq On : 7 Mar 2019 13:17
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 00:17:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	239533	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	955020	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	469285	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	906926	20.00	ng	0.00
76) Chrysene-d12	13.87	240	586614	20.00	ng	0.00
87) Perylene-d12	15.27	264	500819	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1124436	73.02	ng	0.00
7) Phenol-d6	6.37	99	1409045	72.84	ng	0.00
23) Nitrobenzene-d5	7.30	82	1303038	81.64	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	427919	85.89	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2308427	80.32	ng	0.00
79) Terphenyl-d14	12.83	244	2242442	74.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	281743	36.501	ng	97
3) Pyridine	3.13	79	755265	36.573	ng	99
4) n-Nitrosodimethylamine	3.08	42	319004	35.313	ng	93
6) Aniline	6.40	93	918729	34.505	ng	98
8) 2-Chlorophenol	6.52	128	649667	37.900	ng	95
9) Benzaldehyde	6.28	77	471479	33.828	ng	99
10) Phenol	6.39	94	808399	35.814	ng	# 72
11) bis(2-Chloroethyl)ether	6.47	93	633359	36.557	ng	94
12) 1,3-Dichlorobenzene	6.67	146	687358	38.817	ng	99
13) 1,4-Dichlorobenzene	6.75	146	689990	38.855	ng	99
14) 1,2-Dichlorobenzene	6.90	146	639410	39.278	ng	98
15) Benzyl Alcohol	6.88	79	548367	37.178	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1065482	36.851	ng	97
17) 2-Methylphenol	7.00	107	547933	39.403	ng	97
18) Hexachloroethane	7.25	117	258700	38.031	ng	# 89
19) n-Nitroso-di-n-propylamine	7.16	70	441614	36.048	ng	97
20) 3+4-Methylphenols	7.15	107	583056	37.138	ng	95
22) Acetophenone	7.15	105	879405	39.381	ng	97
24) Nitrobenzene	7.32	77	691927	38.952	ng	98
25) Isophorone	7.56	82	1295017	37.664	ng	100
26) 2-Nitrophenol	7.63	139	365172	49.384	ng	99
27) 2,4-Dimethylphenol	7.67	122	522185	37.958	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	823812	38.322	ng	99
29) 2,4-Dichlorophenol	7.87	162	552396	41.407	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	587445	40.981	ng	97
31) Naphthalene	8.04	128	1809626	38.166	ng	99
32) Benzoic acid	7.81	122	453159	46.998	ng	92
33) 4-Chloroaniline	8.09	127	783814	39.030	ng	99
34) Hexachlorobutadiene	8.16	225	353665	43.748	ng	99
35) Caprolactam	8.47	113	183500	39.053	ng	95
36) 4-Chloro-3-methylphenol	8.57	107	578704	39.197	ng	96
37) 2-Methylnaphthalene	8.73	142	1192844	38.957	ng	100
38) 1-Methylnaphthalene	8.83	142	1161831	39.170	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	567757	41.488	ng	99

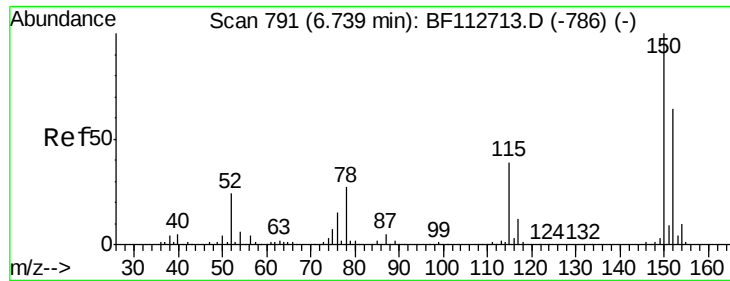
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030719\
 Data File : BF112917.D
 Acq On : 7 Mar 2019 13:17
 Operator : JU/SJ
 Sample : SSTDC0040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	321943	42.961	ng	98
43) 2,4,6-Trichlorophenol	9.01	196	394784	41.917	ng	98
44) 2,4,5-Trichlorophenol	9.05	196	412136	40.485	ng	96
46) 1,1'-Biphenyl	9.19	154	1531024	39.998	ng	99
47) 2-Chloronaphthalene	9.22	162	1192328	39.893	ng	99
48) 2-Nitroaniline	9.31	65	392023	43.152	ng	94
49) Acenaphthylene	9.63	152	1887614	37.201	ng	99
50) Dimethylphthalate	9.50	163	1392173	40.233	ng	99
51) 2,6-Dinitrotoluene	9.55	165	323419	44.884	ng	88
52) Acenaphthene	9.80	154	1125256	37.923	ng	98
53) 3-Nitroaniline	9.72	138	360923	41.106	ng	99
54) 2,4-Dinitrophenol	9.83	184	156406	55.238	ng	98
55) Dibenzofuran	9.97	168	1540360	35.718	ng	96
56) 4-Nitrophenol	9.89	139	282215	39.549	ng	87
57) 2,4-Dinitrotoluene	9.96	165	395131	44.115	ng	# 83
58) Fluorene	10.32	166	1115838	36.455	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	357505	42.151	ng	94
60) Diethylphthalate	10.19	149	1287677	35.235	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	554653	38.947	ng	97
62) 4-Nitroaniline	10.33	138	335270	41.323	ng	98
63) Azobenzene	10.47	77	1245651	33.277	ng	92
65) 4,6-Dinitro-2-methylphenol	10.36	198	188955	50.446	ng	82
66) n-Nitrosodiphenylamine	10.43	169	1082849	37.229	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	397735	41.636	ng	95
68) Hexachlorobenzene	10.86	284	454543	42.211	ng	# 92
69) Atrazine	10.95	200	346372	38.883	ng	99
70) Pentachlorophenol	11.05	266	282794	44.619	ng	97
71) Phenanthrene	11.27	178	1751133	38.808	ng	99
72) Anthracene	11.32	178	1805032	38.214	ng	100
73) Carbazole	11.47	167	1703002	36.960	ng	99
74) Di-n-butylphthalate	11.81	149	2045118	37.016	ng	99
75) Fluoranthene	12.45	202	1813921	37.521	ng	98
77) Benzidine	12.57	184	1051979	34.565	ng	97
78) Pyrene	12.68	202	1817251	36.747	ng	100
80) Butylbenzylphthalate	13.30	149	829320	37.992	ng	95
81) Benzo(a)anthracene	13.86	228	1366523	33.611	ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	554819	36.083	ng	99
83) Chrysene	13.90	228	1442440	36.220	ng	100
84) Bis(2-ethylhexyl)phthalate	13.86	149	957829	37.409	ng	100
85) Di-n-octyl phthalate	14.47	149	1713132	38.965	ng	97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1177363	34.678	ng	95
88) Benzo(b)fluoranthene	14.87	252	1233058	38.064	ng	98
89) Benzo(k)fluoranthene	14.90	252	1154291	39.338	ng	97
90) Benzo(a)pyrene	15.22	252	1093918	38.178	ng	98
91) Dibenzo(a,h)anthracene	16.64	278	960668	39.290	ng	98
92) Benzo(g,h,i)perylene	17.04	276	1010000	41.138	ng	97

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

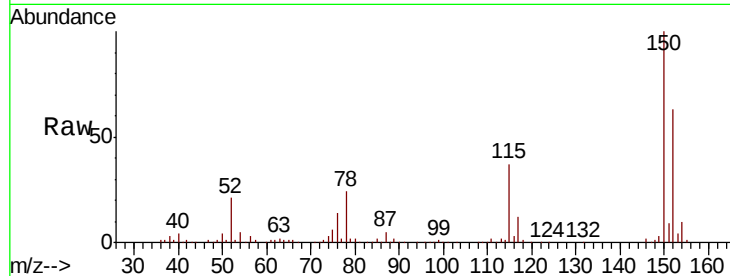


#1

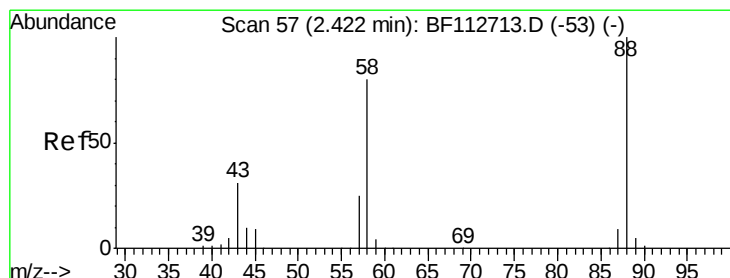
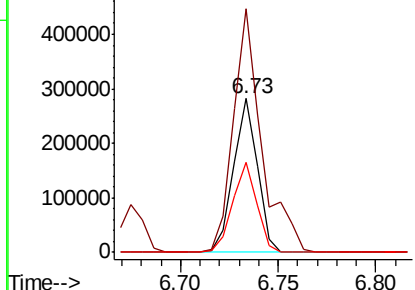
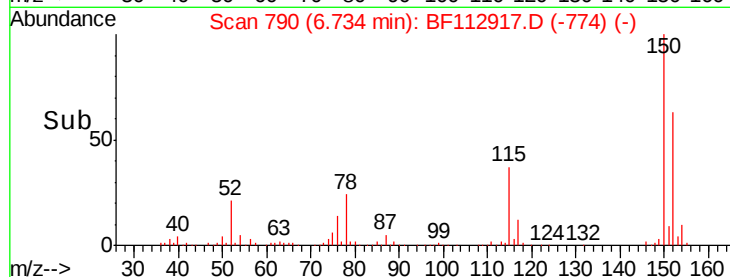
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 152 Resp: 239533
Ion Ratio Lower Upper
152 100
150 158.5 124.2 186.2
115 58.7 48.2 72.4



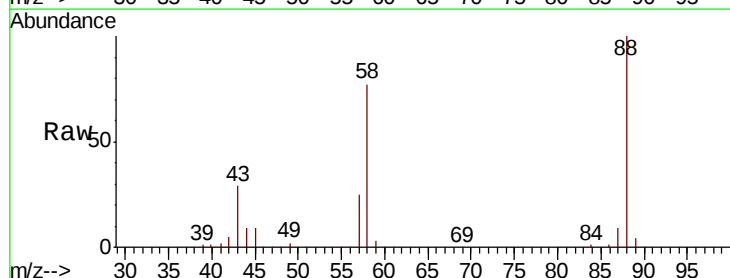
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



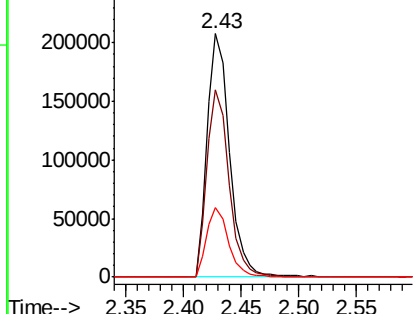
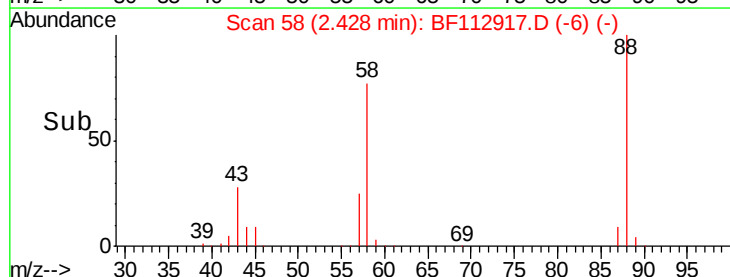
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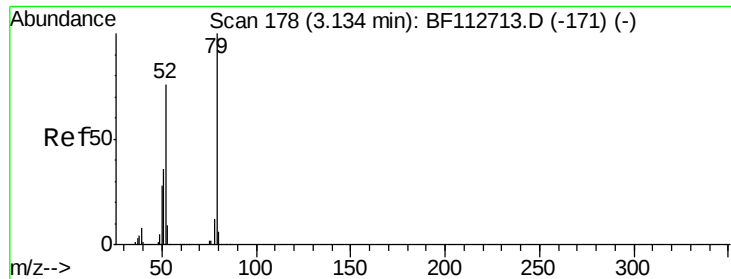
1,4-Dioxane
Concen: 36.501 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion: 88 Resp: 281743
Ion Ratio Lower Upper
88 100
58 76.0 63.1 94.7
43 28.3 24.3 36.5



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

Pyridine

Concen: 36.573 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.00 min

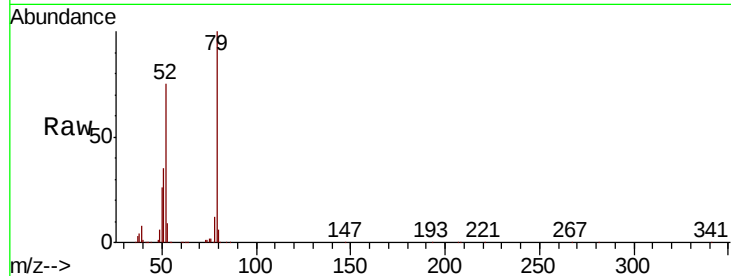
Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

ClientSampleId :



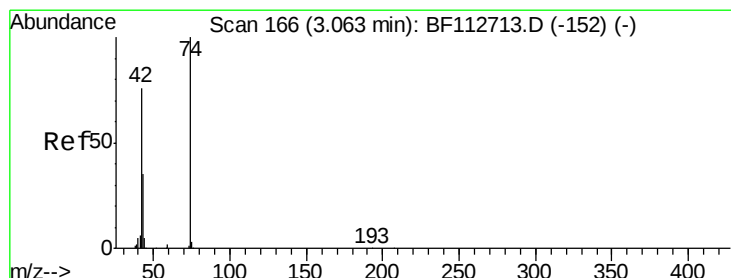
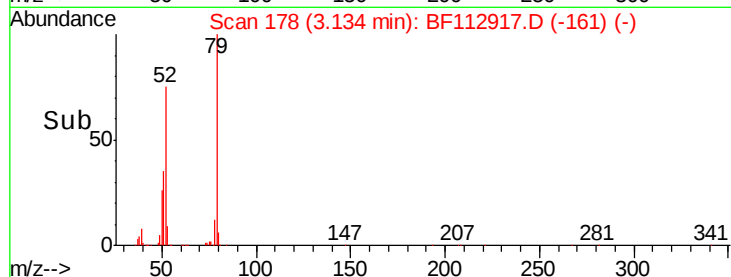
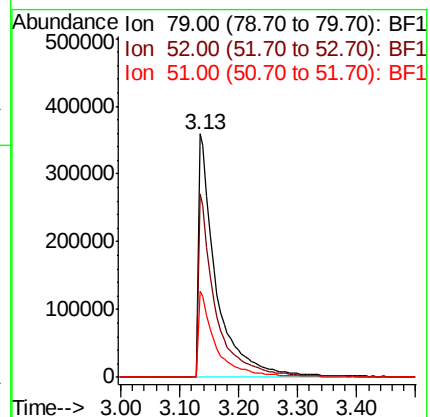
Tgt Ion: 79 Resp: 755265

Ion Ratio Lower Upper

79 100

52 75.1 60.5 90.7

51 35.4 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 35.313 ng

RT: 3.08 min Scan# 168

Delta R.T. 0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

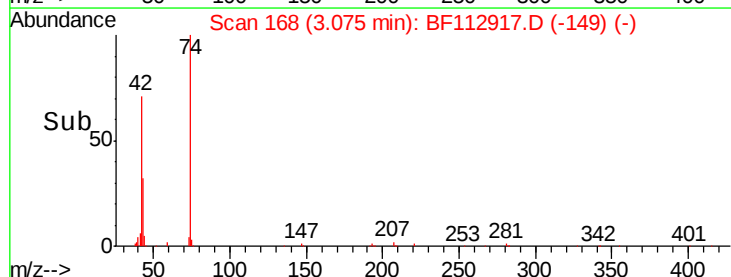
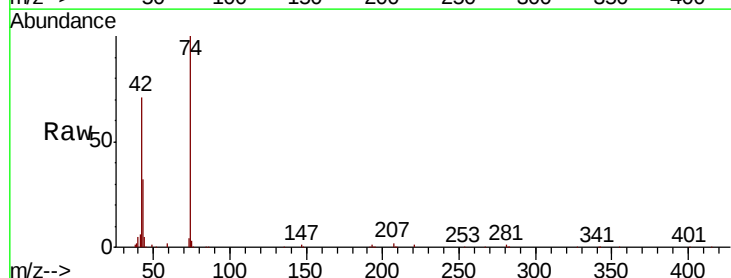
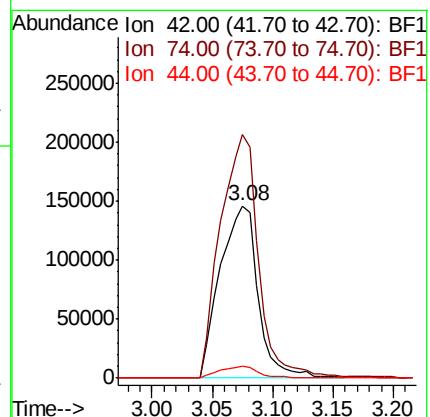
Tgt Ion: 42 Resp: 319004

Ion Ratio Lower Upper

42 100

74 141.2 105.8 158.8

44 7.0 6.2 9.2





#5

2-Fluorophenol

Concen: 73.022 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

ClientSampled :

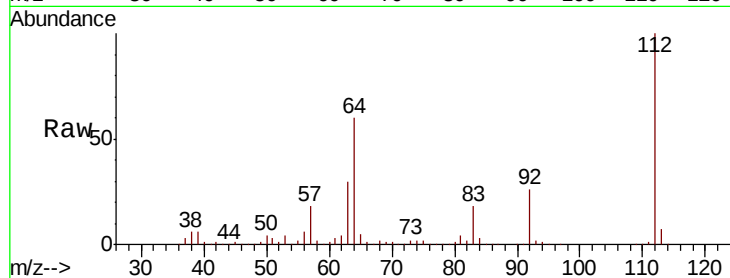
Tgt Ion: 112 Resp: 1124436

Ion Ratio Lower Upper

112 100

64 60.3 47.6 71.4

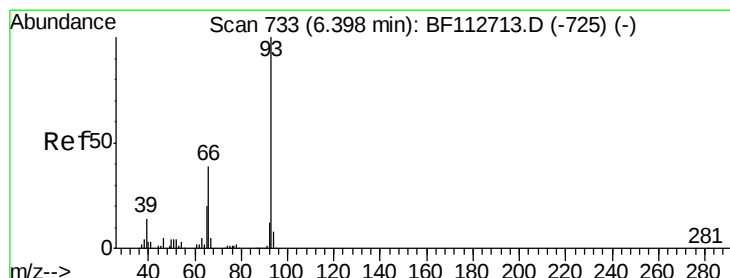
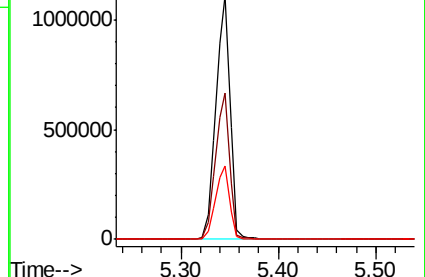
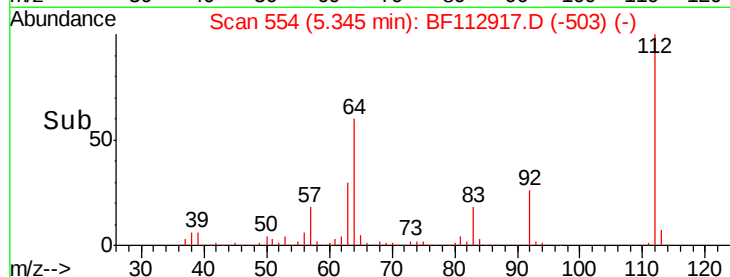
63 30.0 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): BF112917.D (-503) (-)

Ion 64.00 (63.70 to 64.70): BF112917.D (-503) (-)

Ion 63.00 (62.70 to 63.70): BF112917.D (-503) (-)



#6

Aniline

Concen: 34.505 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

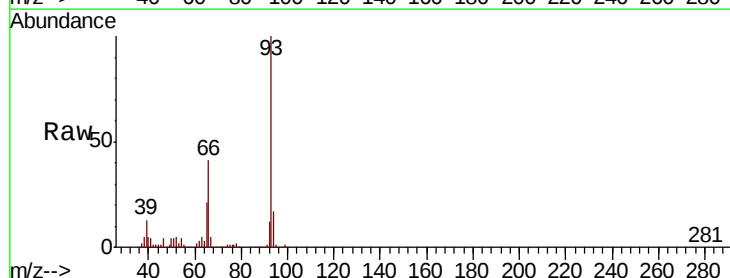
Tgt Ion: 93 Resp: 918729

Ion Ratio Lower Upper

93 100

66 41.4 32.2 48.2

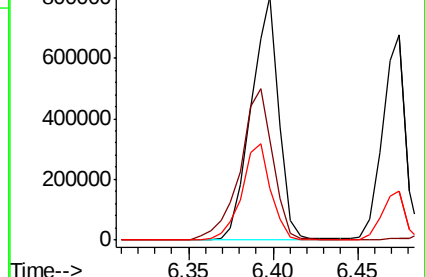
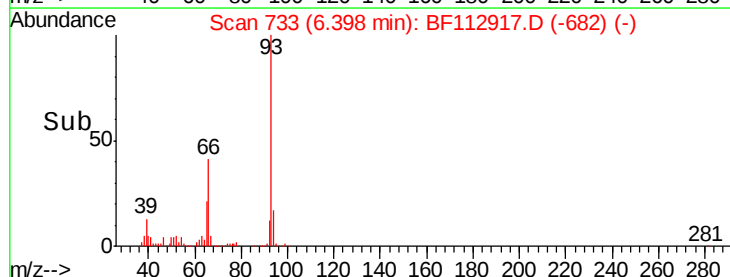
65 21.1 16.2 24.4

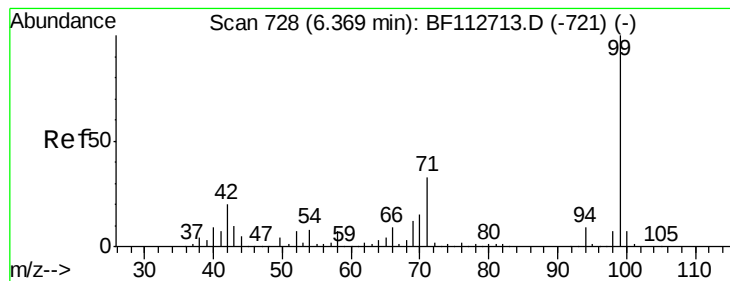


Abundance Ion 93.00 (92.70 to 93.70): BF112917.D (-682) (-)

Ion 66.00 (65.70 to 66.70): BF112917.D (-682) (-)

Ion 65.00 (64.70 to 65.70): BF112917.D (-682) (-)





#7

Phenol-d6

Concen: 72.844 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

ClientSampled :

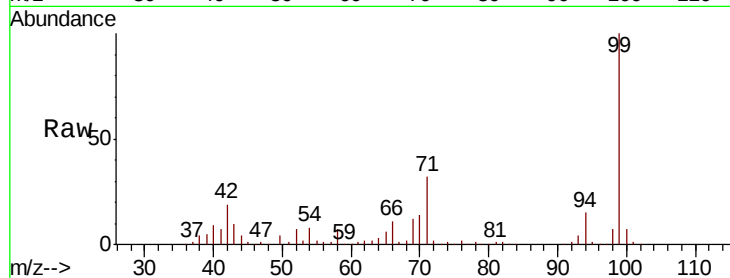
Tgt Ion: 99 Resp: 1409045

Ion Ratio Lower Upper

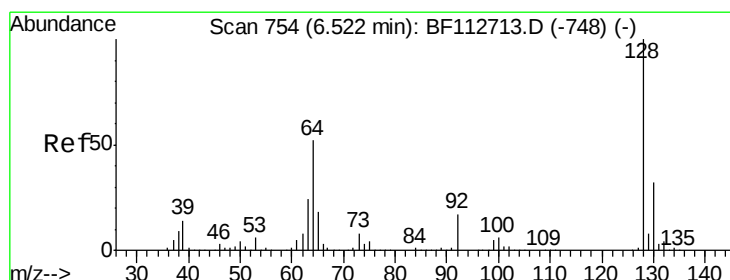
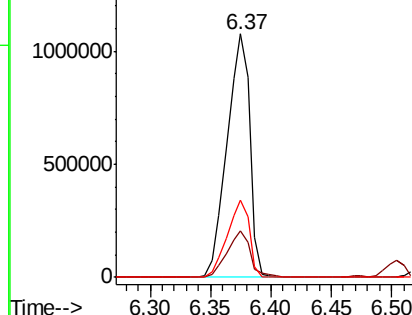
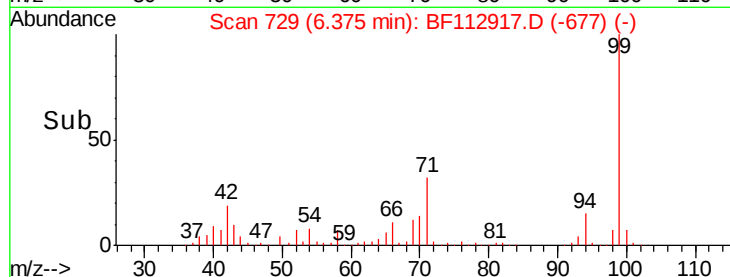
99 100

42 18.9 16.3 24.5

71 31.7 26.2 39.4



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: 37.900 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

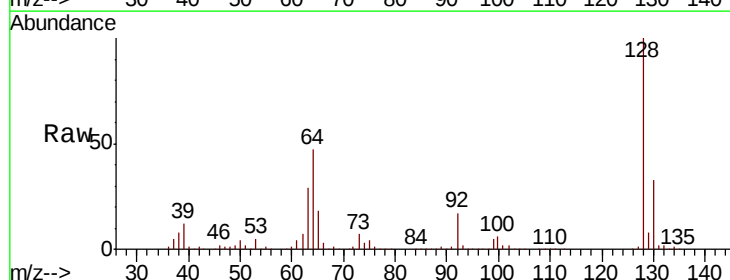
Tgt Ion: 128 Resp: 649667

Ion Ratio Lower Upper

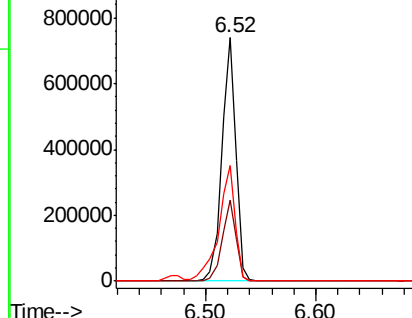
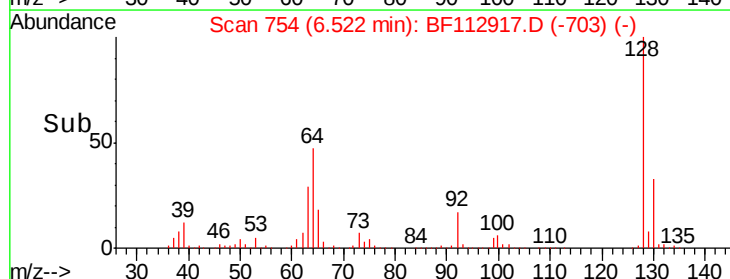
128 100

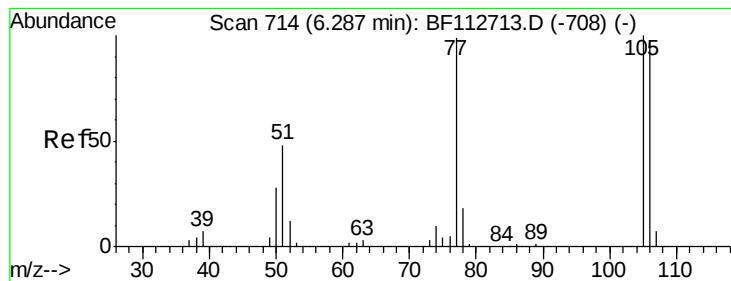
130 33.1 12.4 52.4

64 47.5 32.2 72.2



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: 33.828 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

ClientSampled :

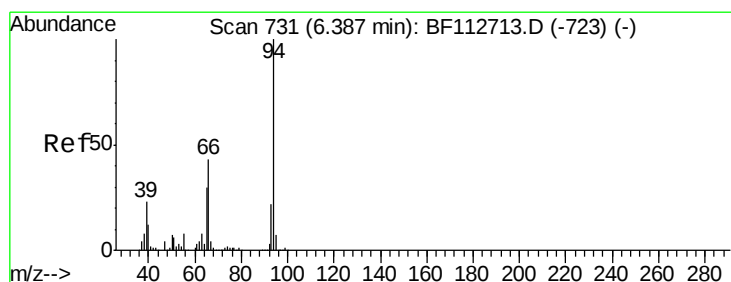
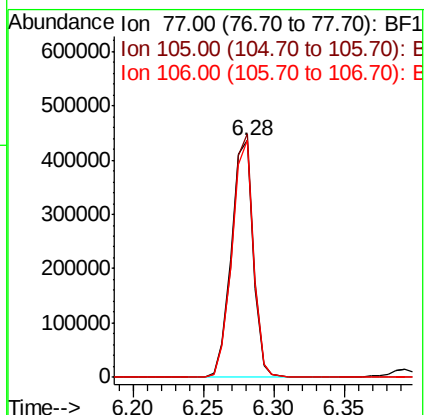
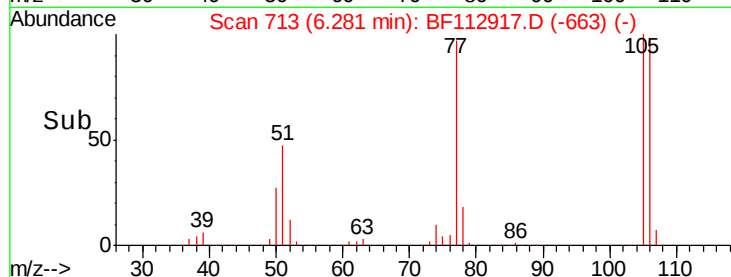
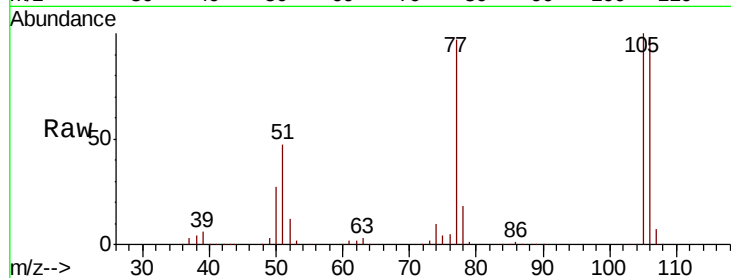
Tgt Ion: 77 Resp: 471479

Ion Ratio Lower Upper

77 100

105 102.7 81.4 121.4

106 99.9 78.3 118.3



#10

Phenol

Concen: 35.814 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

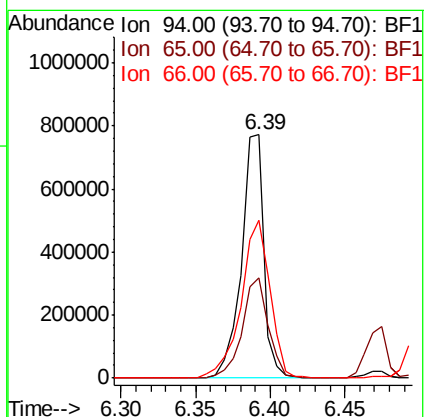
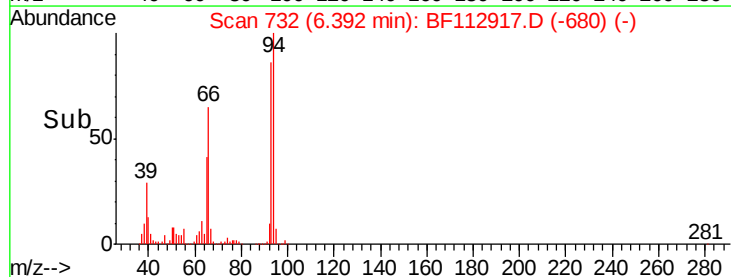
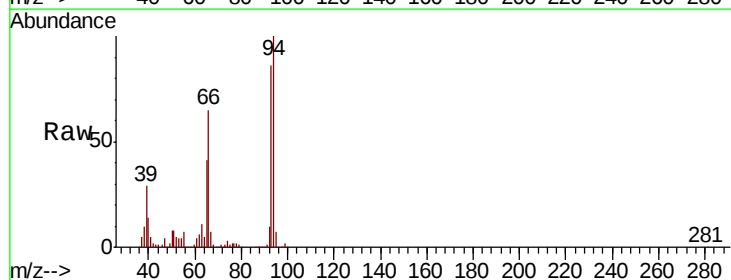
Tgt Ion: 94 Resp: 808399

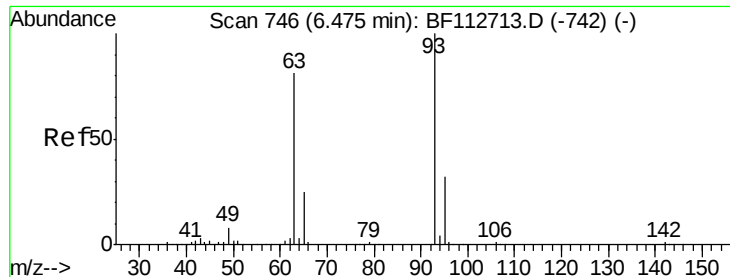
Ion Ratio Lower Upper

94 100

65 40.9 10.5 50.5

66 64.8 22.6 62.6#

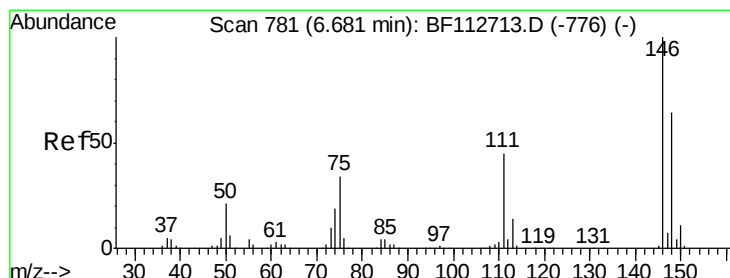
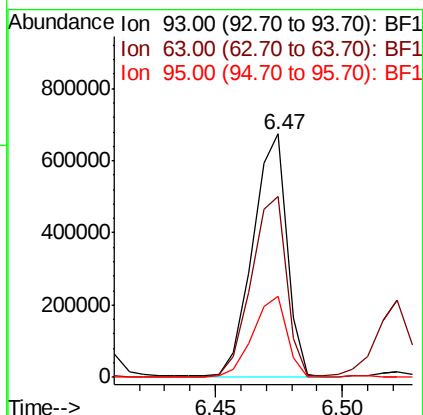
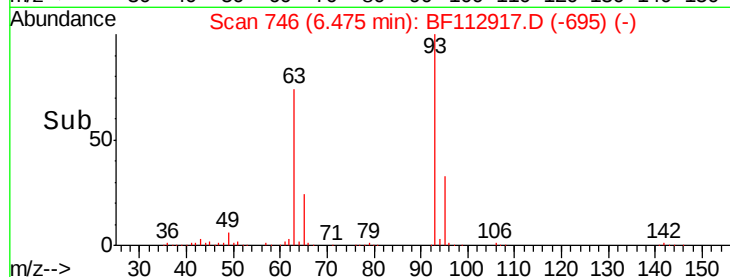
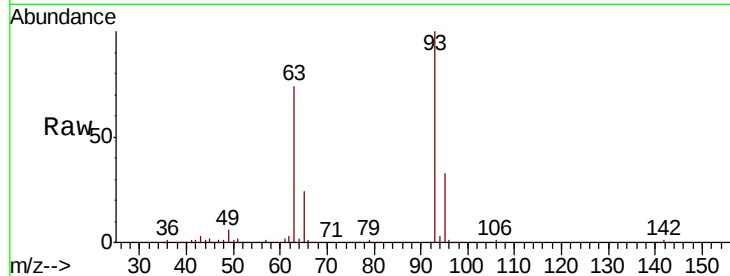




#11
bis(2-Chloroethyl)ether
Concen: 36.557 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

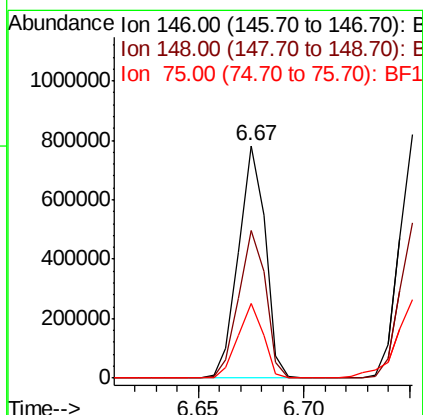
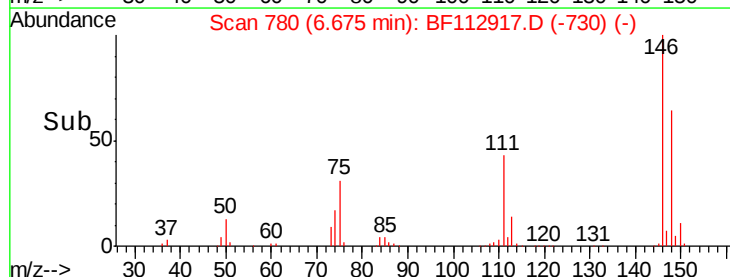
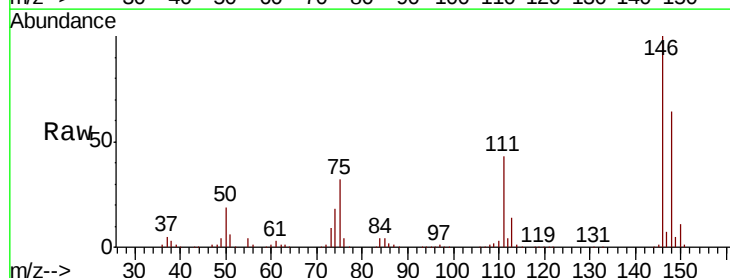
Instrument :
BNA_F
ClientSampleId :

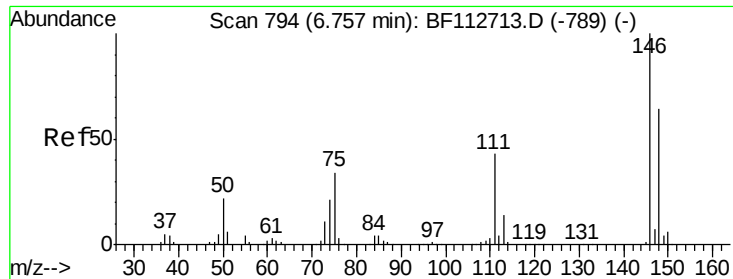
Tgt Ion: 93 Resp: 633359
Ion Ratio Lower Upper
93 100
63 74.3 60.5 100.5
95 33.3 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 38.817 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion: 146 Resp: 687358
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
75 32.1 26.9 40.3

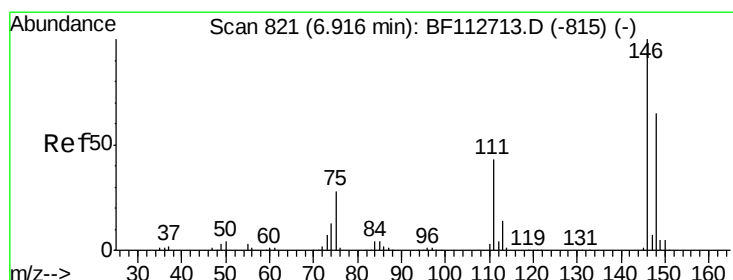
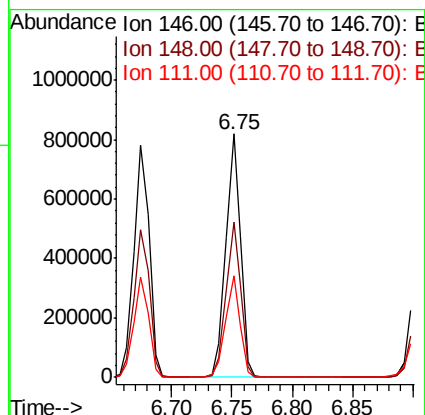
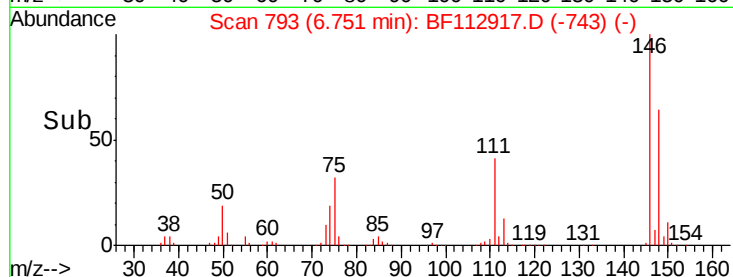
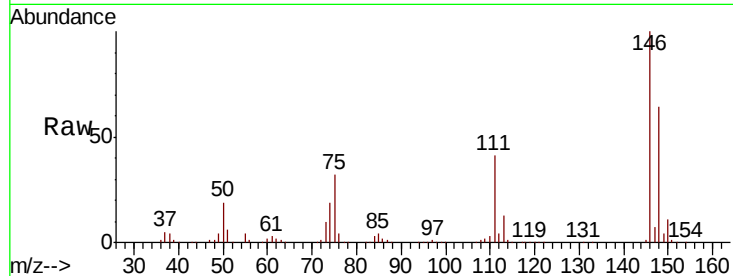




#13
 1,4-Dichlorobenzene
 Concen: 38.855 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

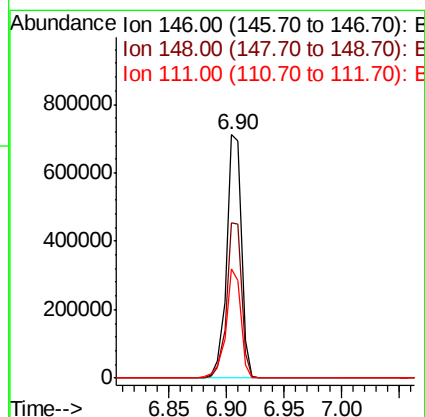
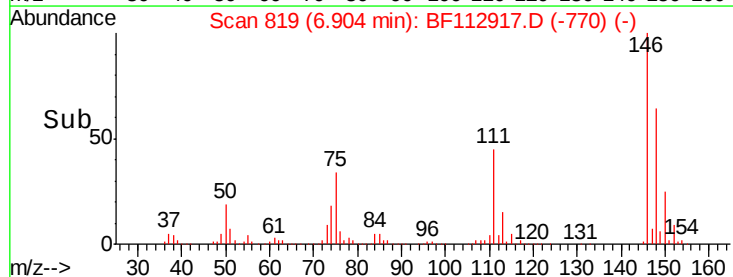
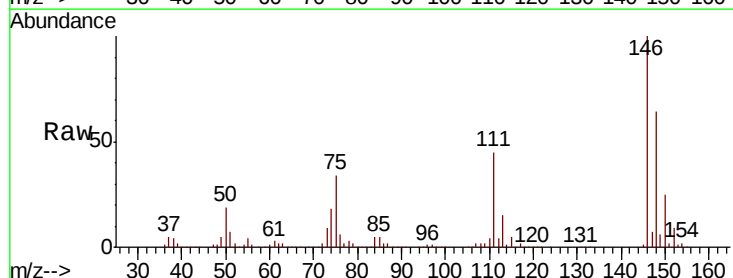
Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:146 Resp: 689990
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.0 76.4
 111 41.5 34.5 51.7



#14
 1,2-Dichlorobenzene
 Concen: 39.278 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Tgt Ion:146 Resp: 639410
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.0 78.0
 111 44.7 34.8 52.2





#15

Benzyl Alcohol

Concen: 37.178 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

ClientSampleId :

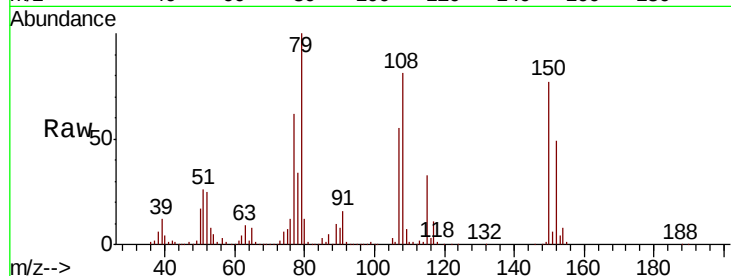
Tgt Ion: 79 Resp: 548367

Ion Ratio Lower Upper

79 100

108 80.9 64.2 96.4

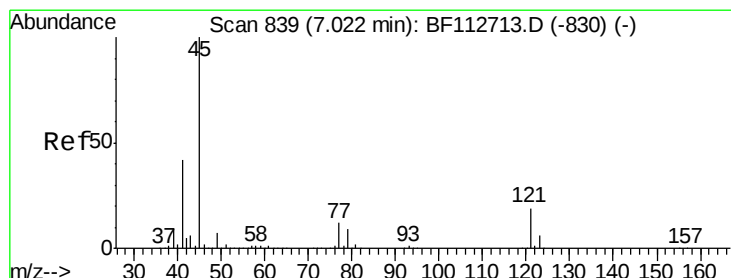
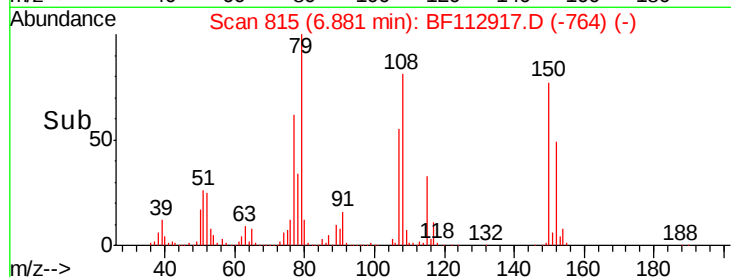
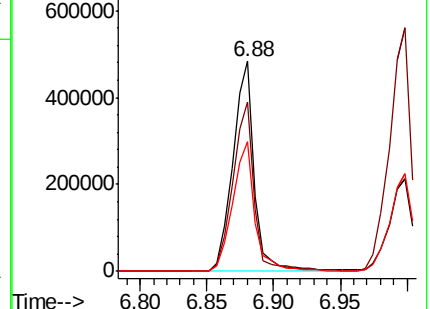
77 61.9 51.1 76.7



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: 36.851 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

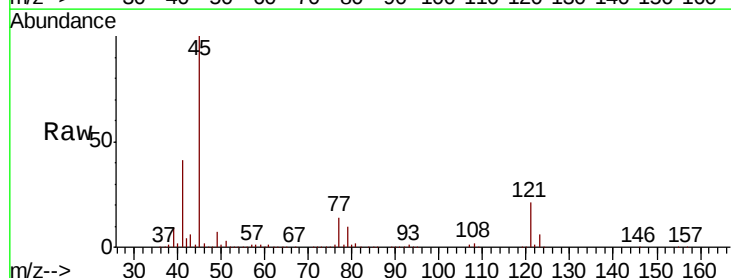
Tgt Ion: 45 Resp: 1065482

Ion Ratio Lower Upper

45 100

77 13.7 0.0 32.1

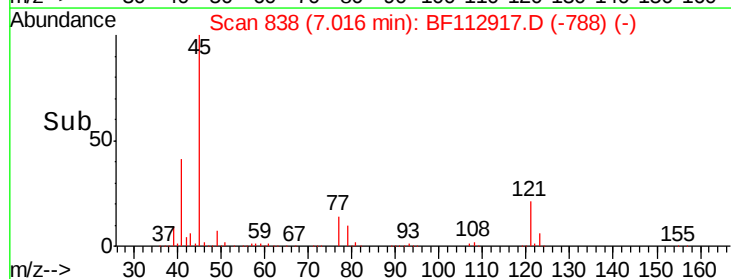
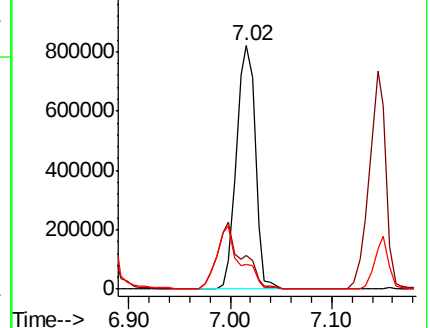
79 10.3 0.0 29.4

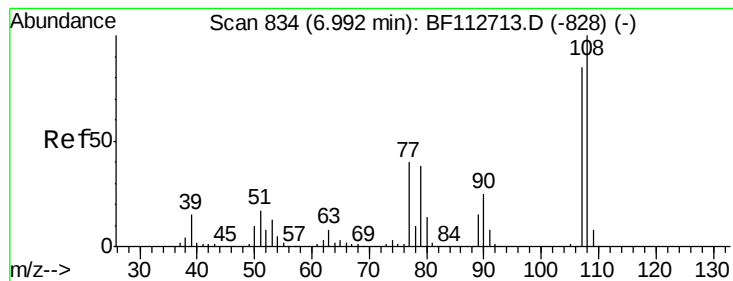


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 39.403 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:107 Resp: 547933

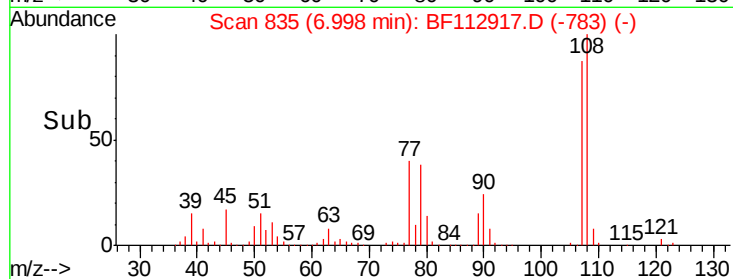
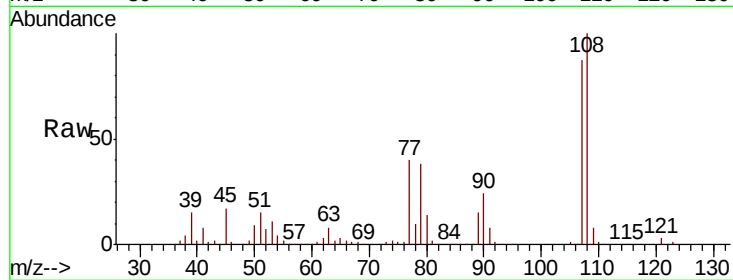
Ion Ratio Lower Upper

107 100

108 114.9 94.6 142.0

77 46.1 37.8 56.8

79 43.8 36.2 54.2



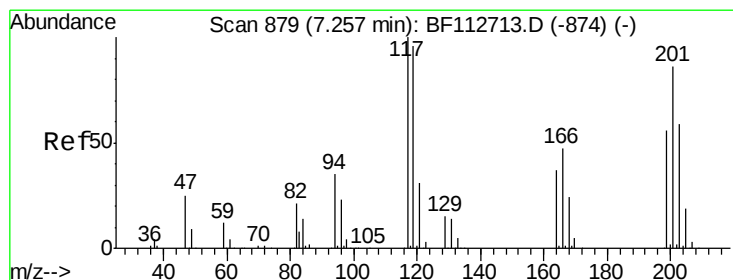
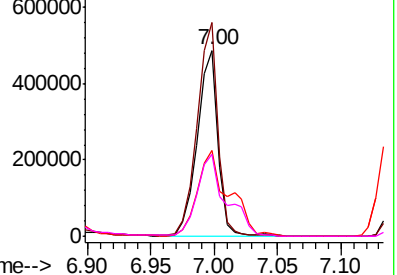
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->



#18

Hexachloroethane

Concen: 38.031 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

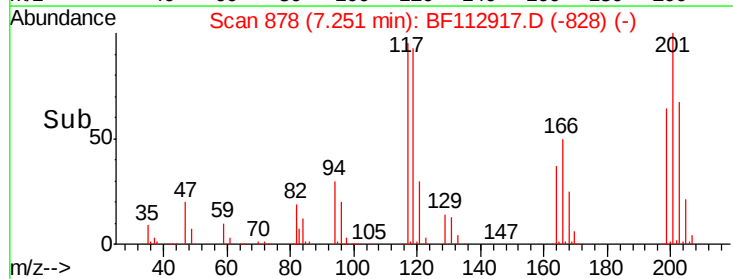
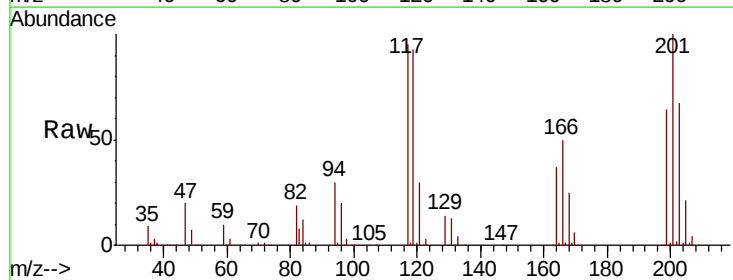
Tgt Ion:117 Resp: 258700

Ion Ratio Lower Upper

117 100

119 97.4 76.6 115.0

201 105.1 68.9 103.3#

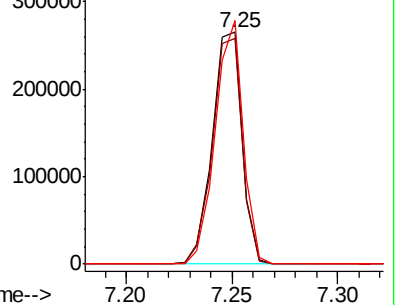


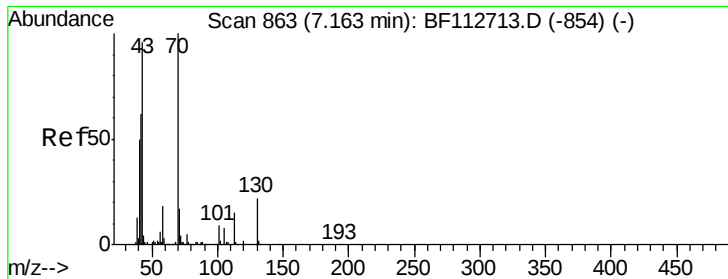
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

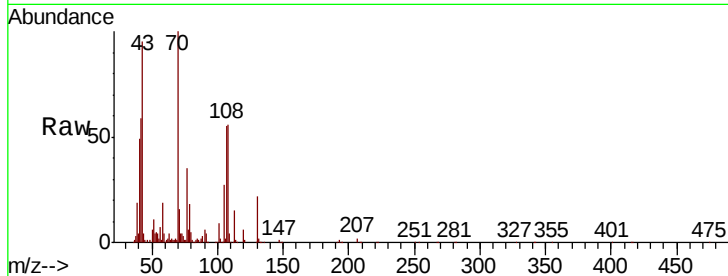




#19
n-Nitroso-di-n-propylamine
Concen: 36.048 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	70	Resp:	441614
Ion	Ratio	Lower	Upper
70	100		
42	59.3	49.9	74.9
101	9.3	7.4	11.2
130	21.8	17.4	26.2



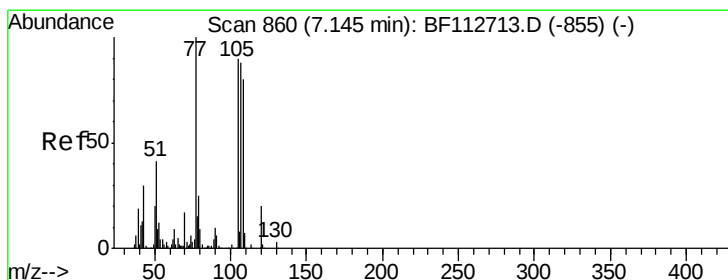
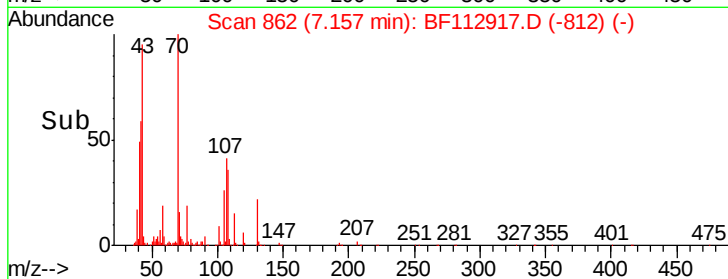
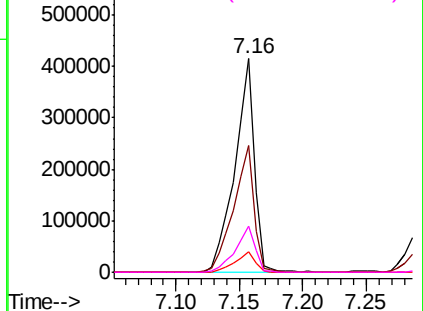
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

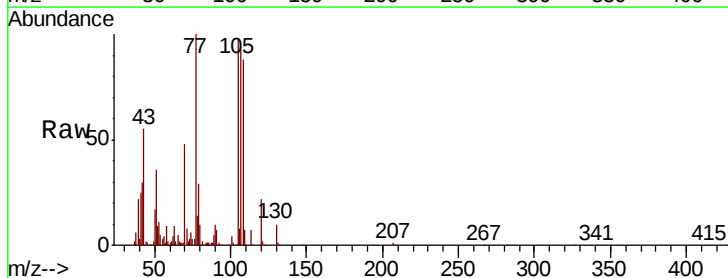
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 37.138 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion:	107	Resp:	583056
Ion	Ratio	Lower	Upper
107	100		
108	94.5	71.4	111.4
77	107.3	94.1	134.1
79	31.3	8.6	48.6



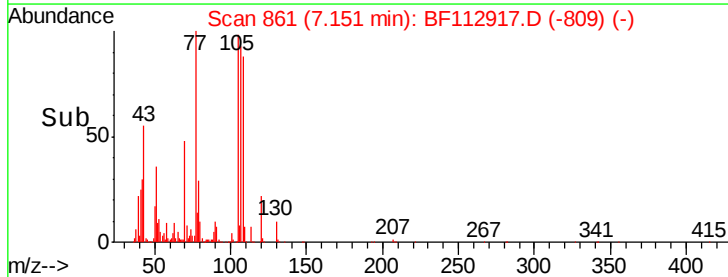
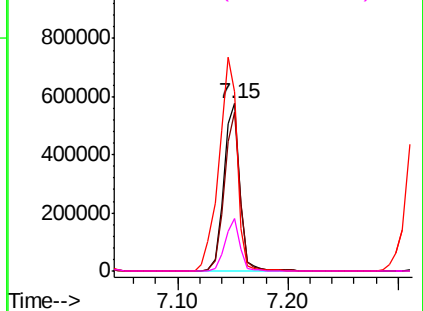
Abundance

Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

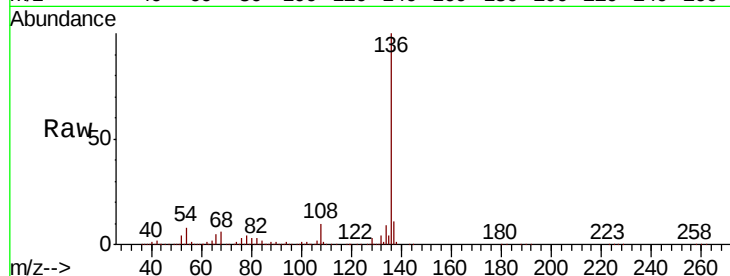




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	136	Resp:	955020
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.2	7.3	10.9
68	6.3	5.4	8.2



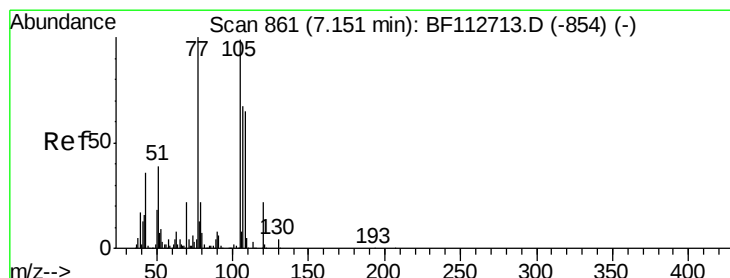
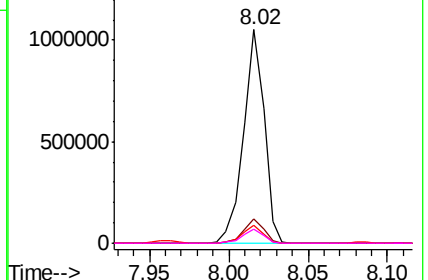
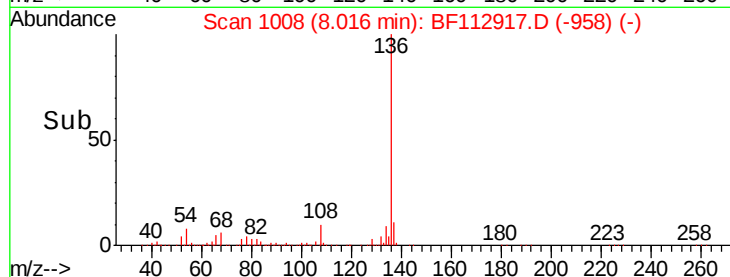
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

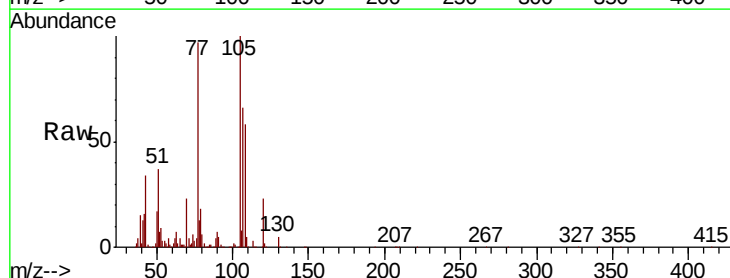
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.381 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion:	105	Resp:	879405
Ion	Ratio	Lower	Upper
105	100		
71	3.9	3.0	4.4
51	36.9	31.5	47.3
120	23.3	18.1	27.1



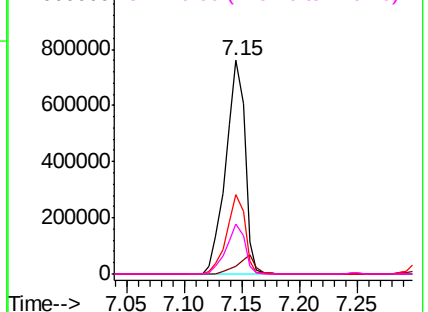
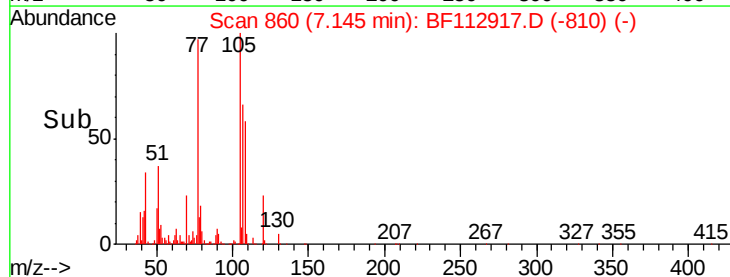
Abundance

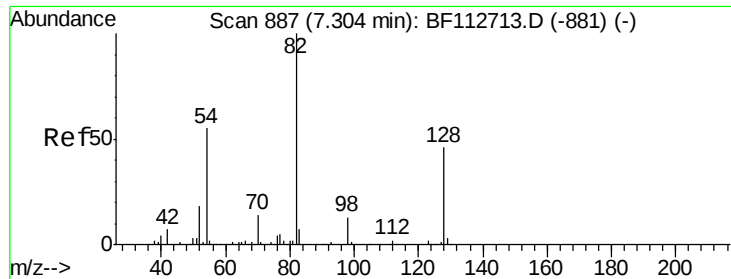
Ion 105.00 (104.70 to 105.70): E

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

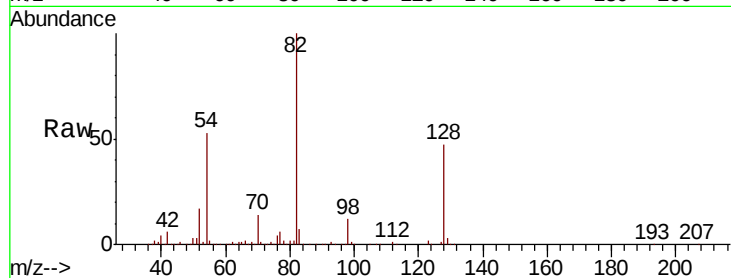




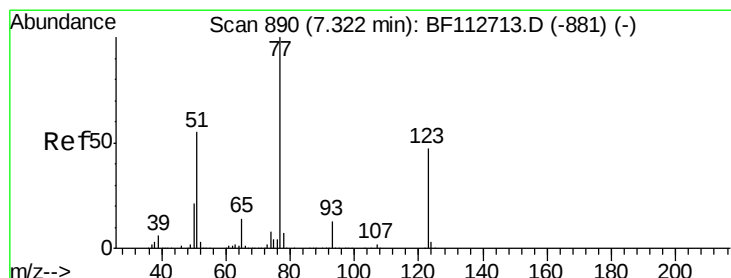
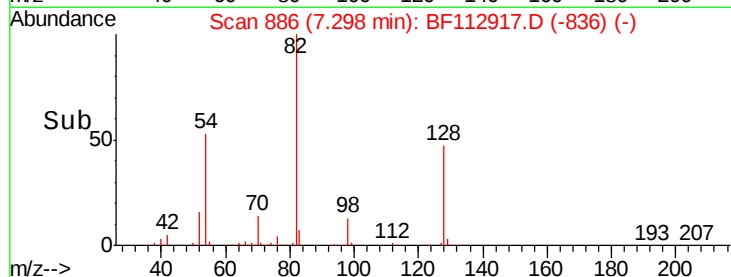
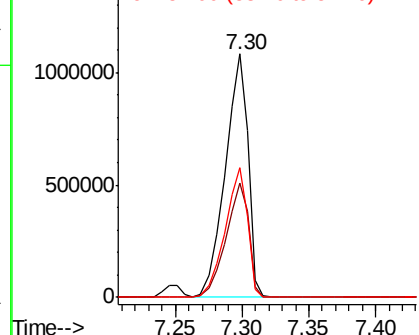
#23
 Nitrobenzene-d5
 Concen: 81.643 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion: 82 Resp: 1303038
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.3 54.5
 54 53.2 43.7 65.5

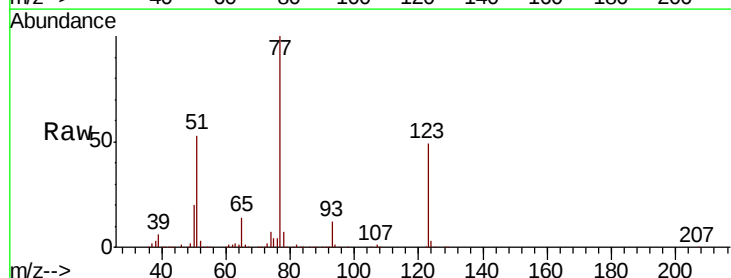


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

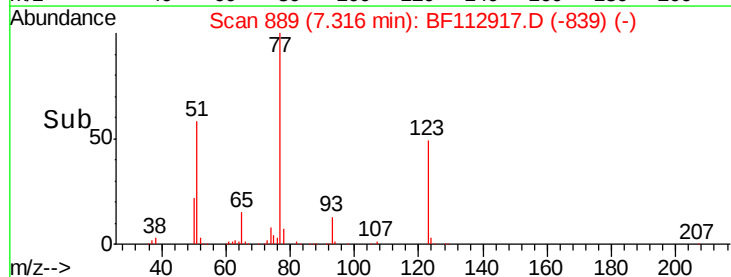
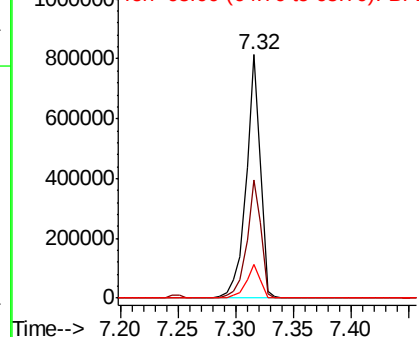


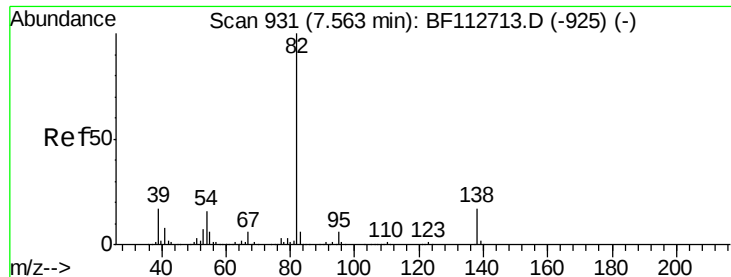
#24
 Nitrobenzene
 Concen: 38.952 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Tgt Ion: 77 Resp: 691927
 Ion Ratio Lower Upper
 77 100
 123 48.7 37.8 56.6
 65 13.6 11.1 16.7



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





#25

Isophorone

Concen: 37.664 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

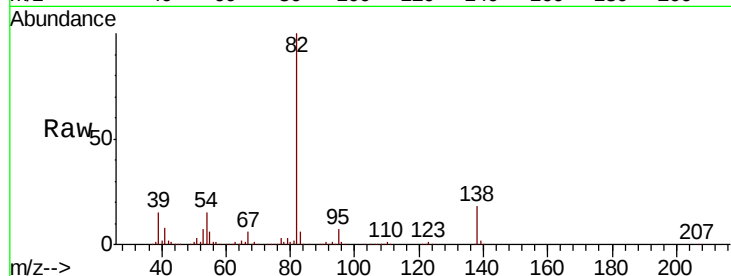
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82 Resp: 1295017

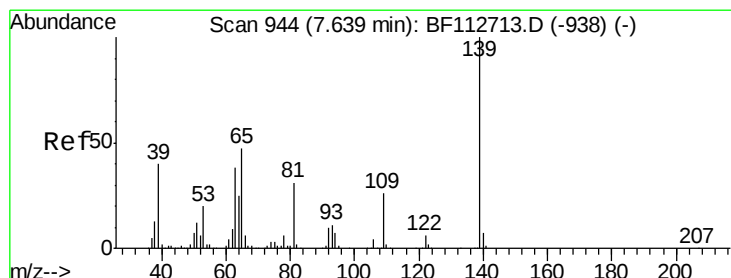
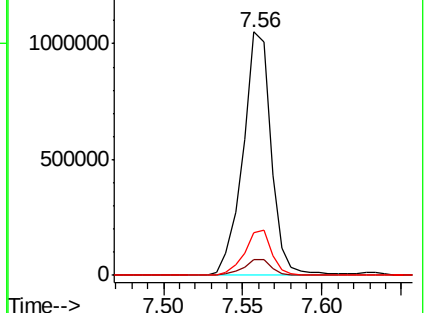
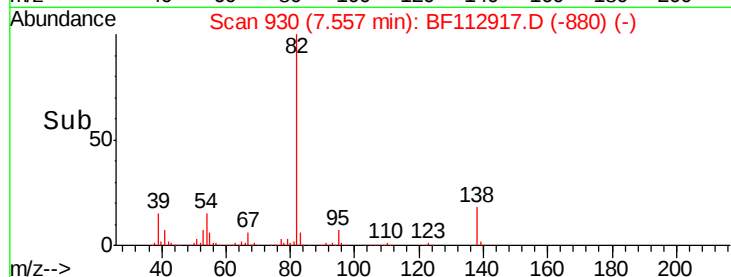
Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.2	7.8
138	17.5	13.8	20.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.384 ng

RT: 7.63 min Scan# 943

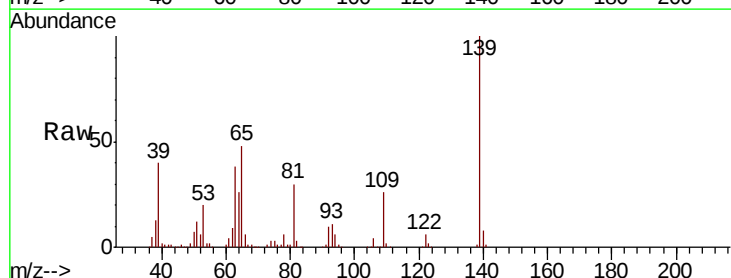
Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Tgt Ion: 139 Resp: 365172

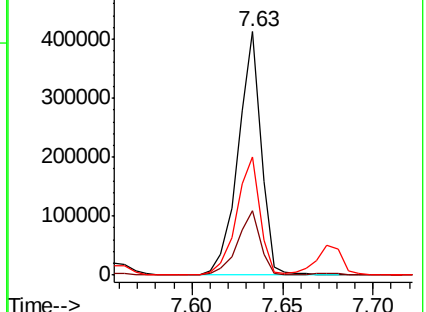
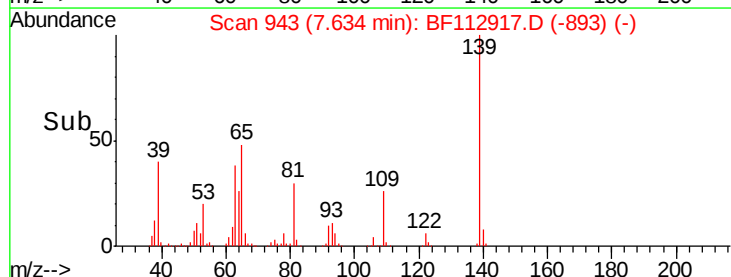
Ion	Ratio	Lower	Upper
139	100		
109	26.2	20.6	31.0
65	48.5	37.9	56.9

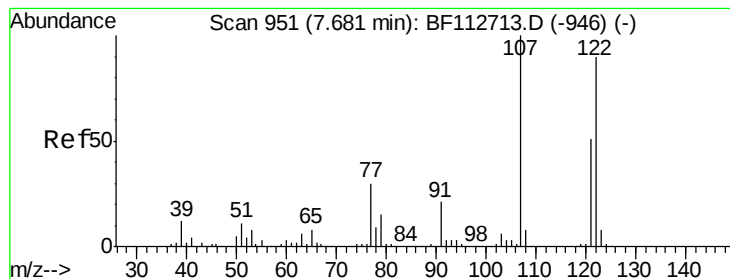


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.958 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

ClientSampleId :

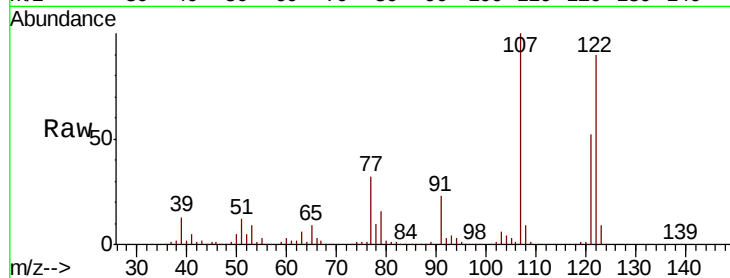
Tgt Ion:122 Resp: 522185

Ion Ratio Lower Upper

122 100

107 110.8 89.4 134.0

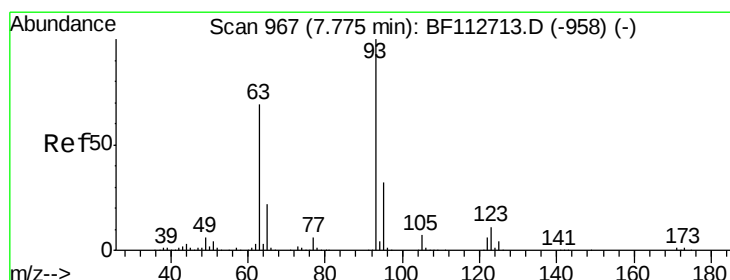
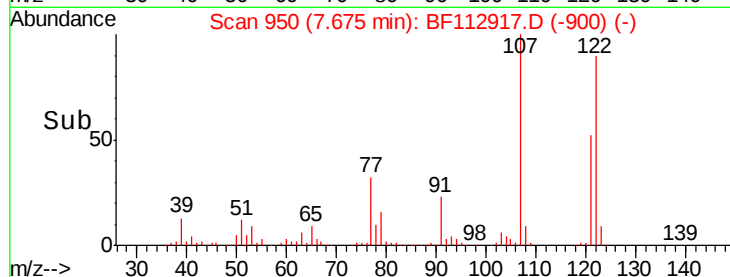
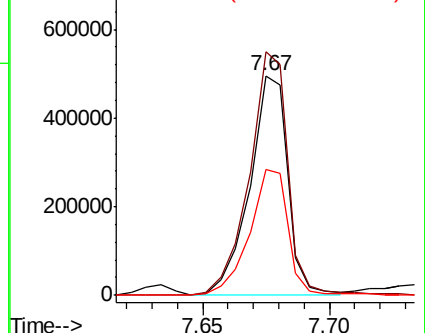
121 57.1 45.5 68.3



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: 38.322 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

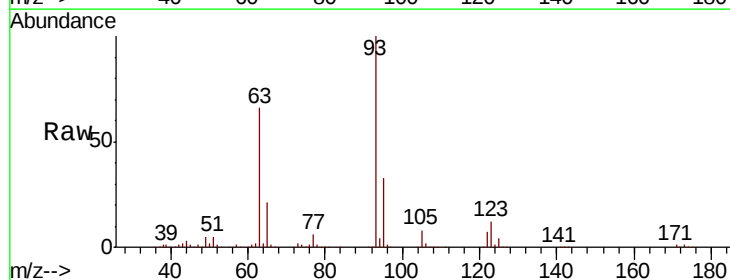
Tgt Ion: 93 Resp: 823812

Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

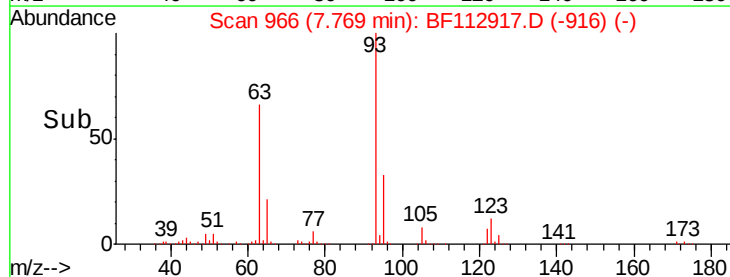
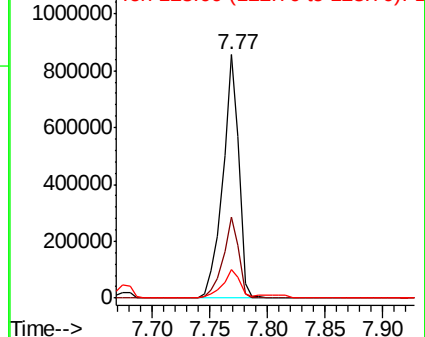
123 11.9 9.3 13.9

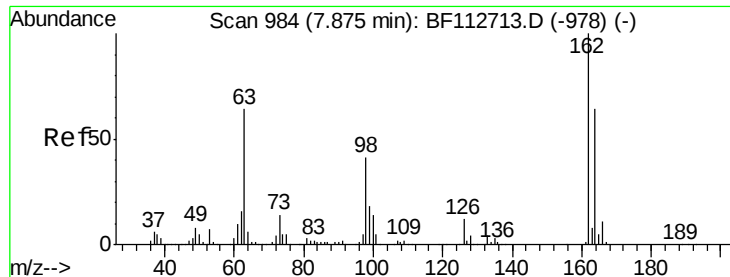


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

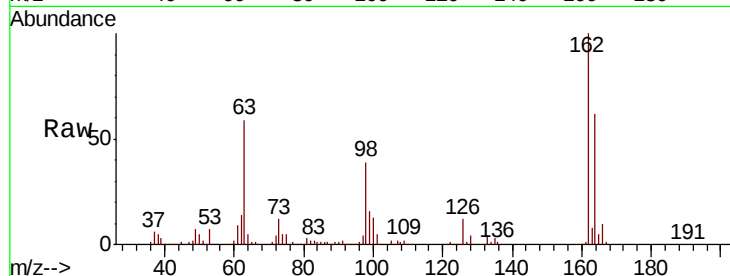




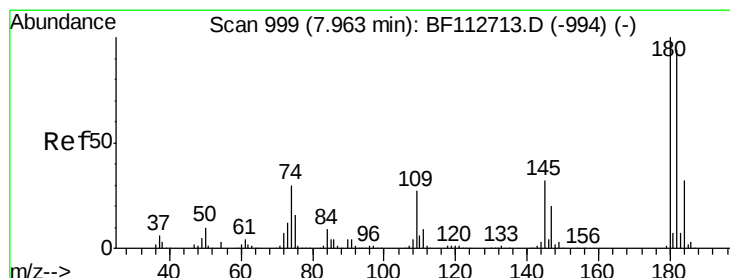
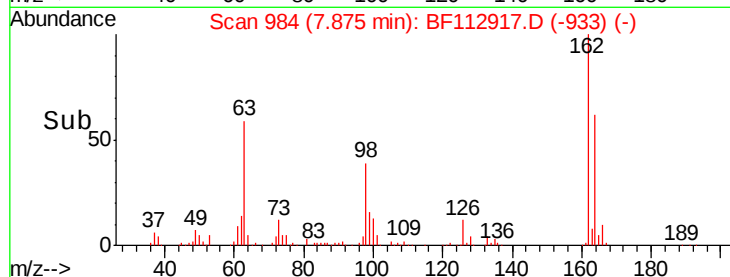
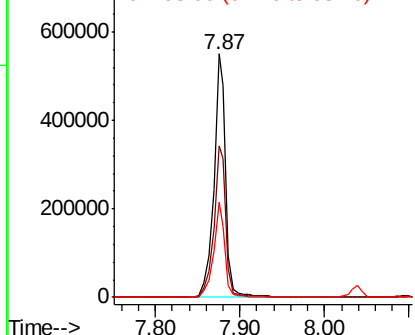
#29
2,4-Dichlorophenol
Concen: 41.407 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 552396
Ion Ratio Lower Upper
162 100
164 62.0 44.0 84.0
98 38.9 20.7 60.7

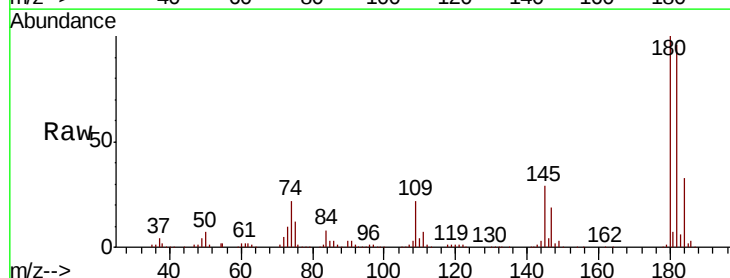


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

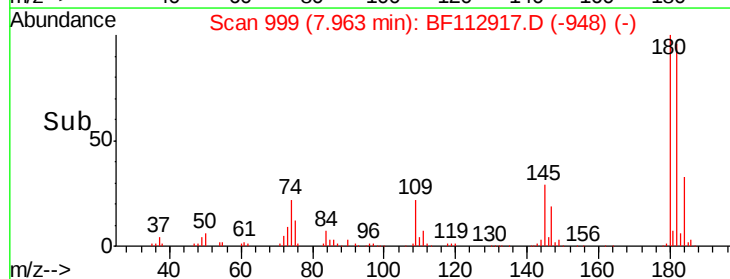
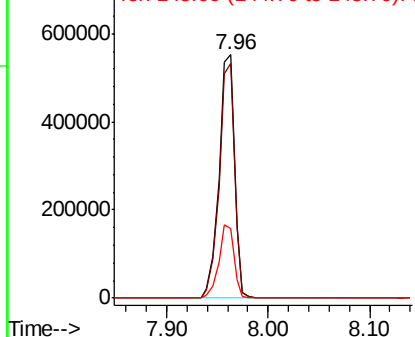


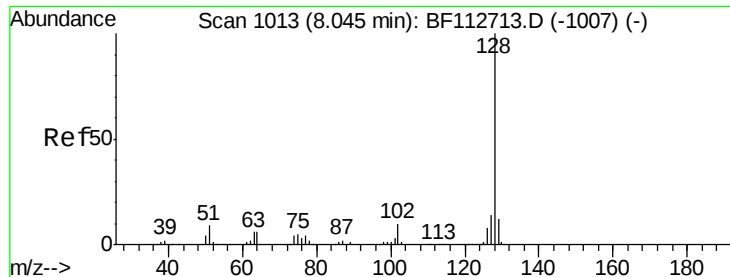
#30
1,2,4-Trichlorobenzene
Concen: 40.981 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion:180 Resp: 587445
Ion Ratio Lower Upper
180 100
182 96.2 75.2 112.8
145 28.8 25.4 38.0



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

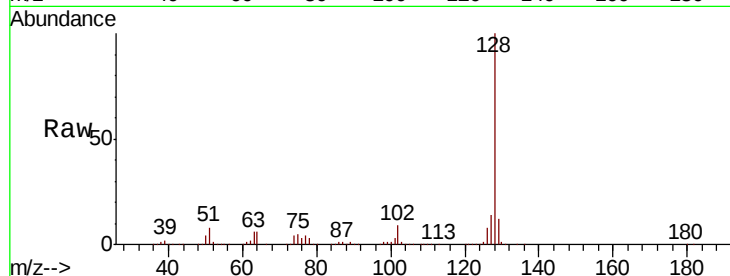




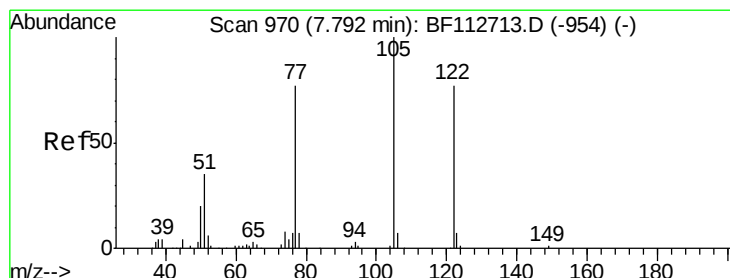
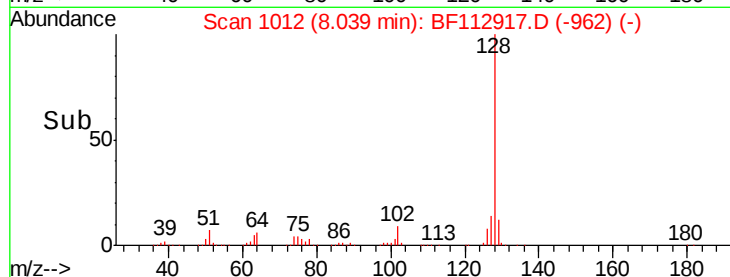
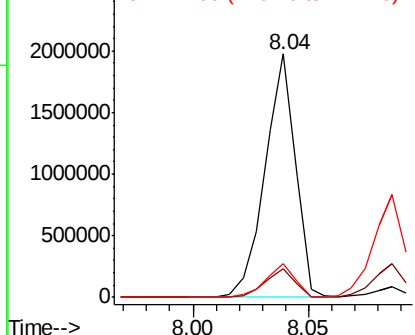
#31
Naphthalene
Concen: 38.166 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1809626
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.9 10.9 16.3

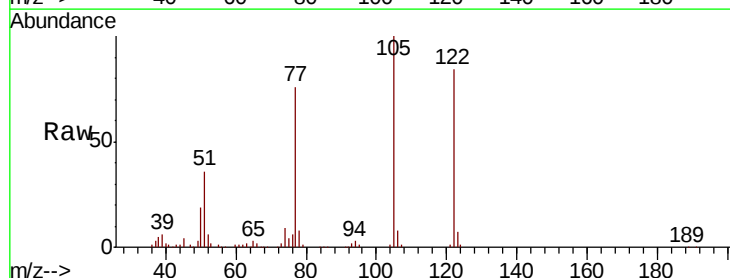


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

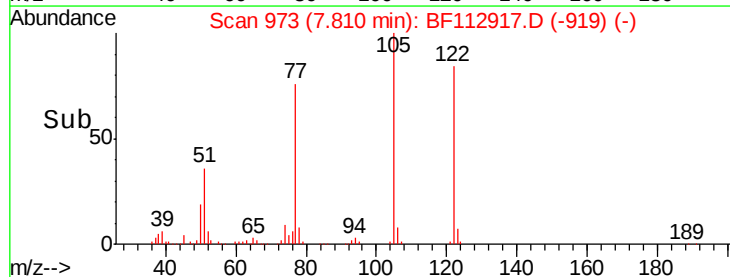
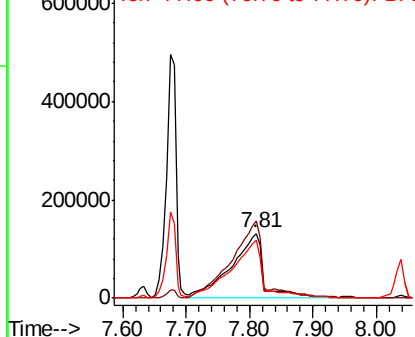


#32
Benzoic acid
Concen: 46.998 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.02 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion:122 Resp: 453159
Ion Ratio Lower Upper
122 100
105 118.8 106.8 146.8
77 90.2 79.4 119.4



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

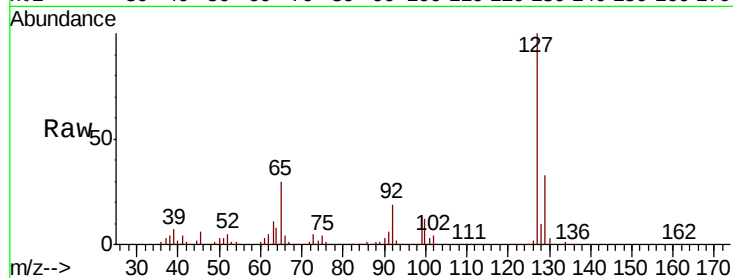




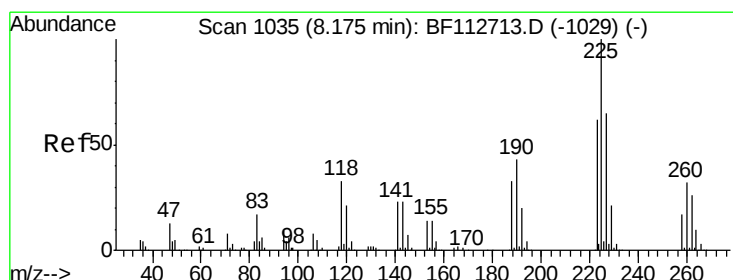
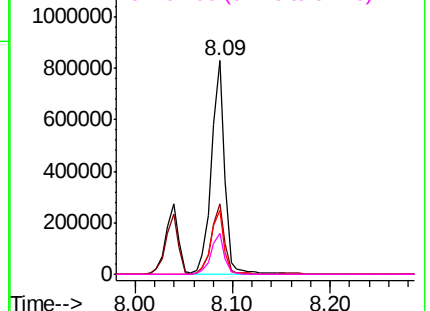
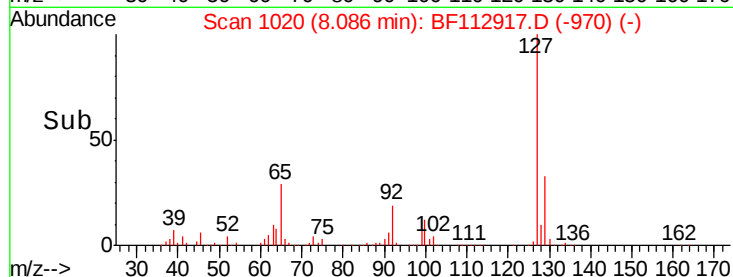
#33
4-Chloroaniline
Concen: 39.030 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	127	Resp:	783814
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.4	39.6
65	29.9	23.1	34.7
92	19.2	14.9	22.3

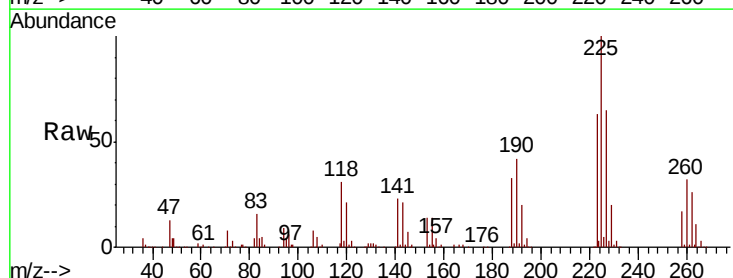


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

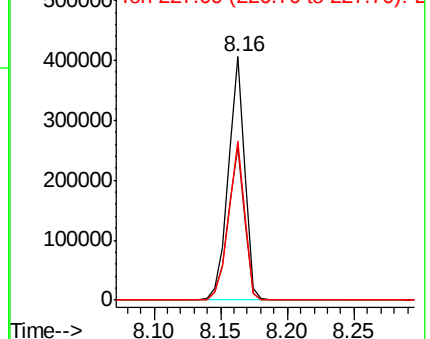
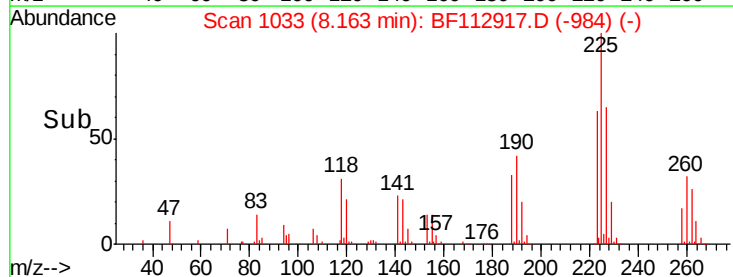


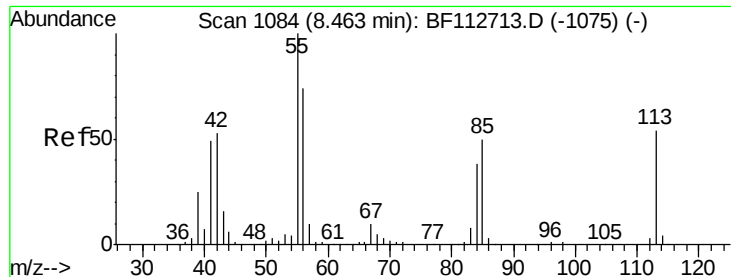
#34
Hexachlorobutadiene
Concen: 43.748 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion:	225	Resp:	353665
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.7	74.5
227	65.2	52.1	78.1



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

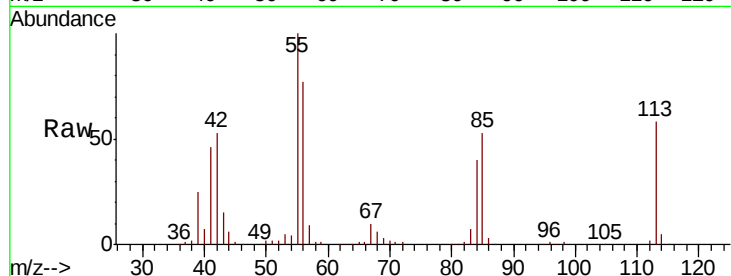




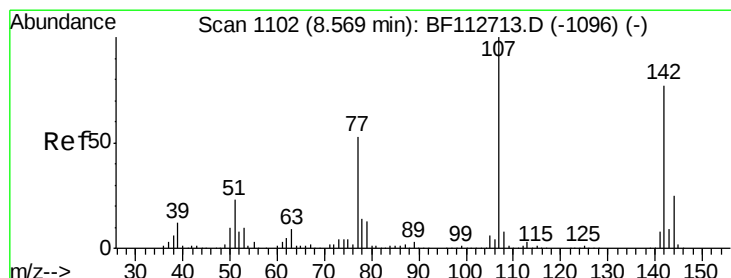
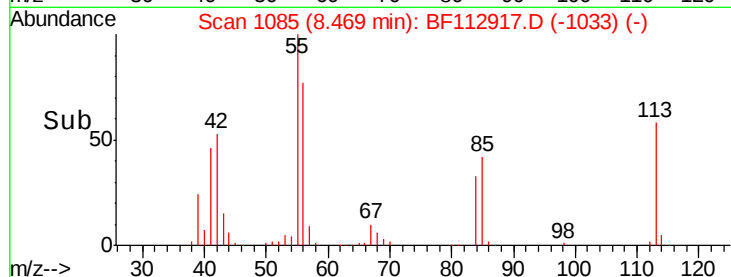
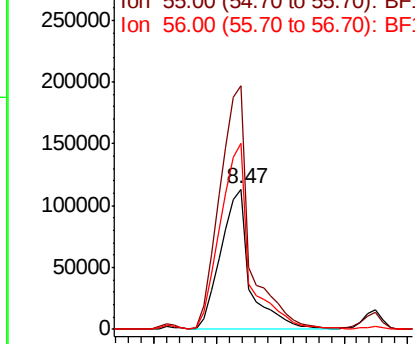
#35
 Caprolactam
 Concen: 39.053 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:113 Resp: 183500
 Ion Ratio Lower Upper
 113 100
 55 173.8 163.5 203.5
 56 133.0 115.3 155.3

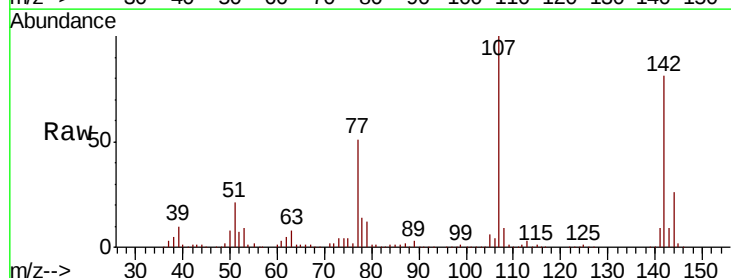


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

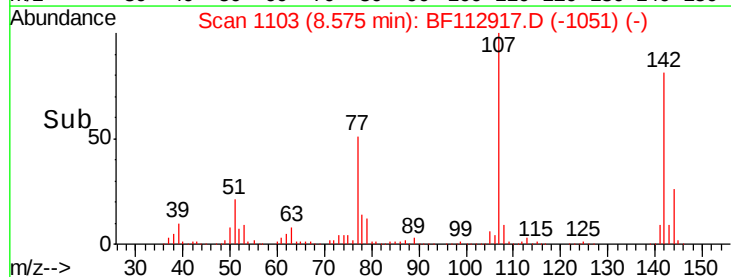
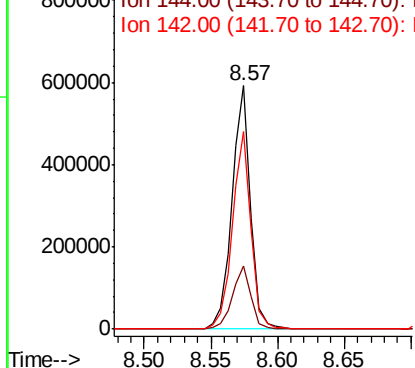


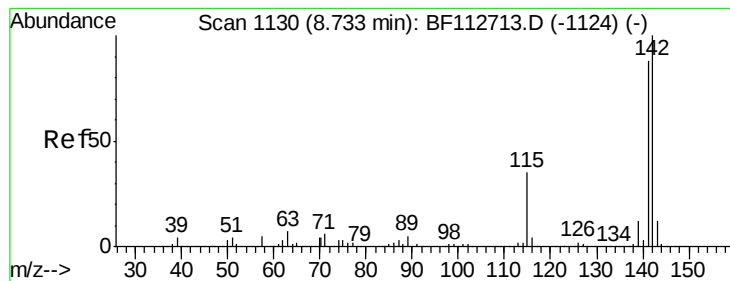
#36
 4-Chloro-3-methylphenol
 Concen: 39.197 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Tgt Ion:107 Resp: 578704
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.1 30.1
 142 81.3 61.9 92.9



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





#37

2-Methylnaphthalene

Concen: 38.957 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

ClientSampleId :

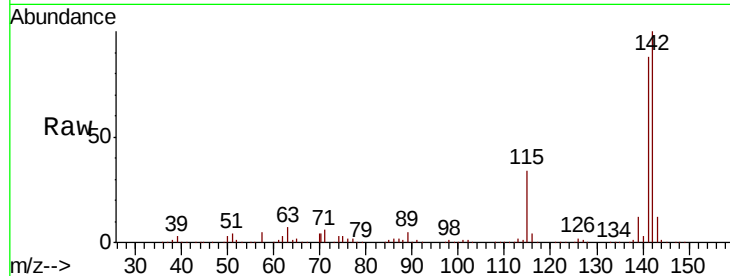
Tgt Ion:142 Resp: 1192844

Ion Ratio Lower Upper

142 100

141 88.0 70.3 105.5

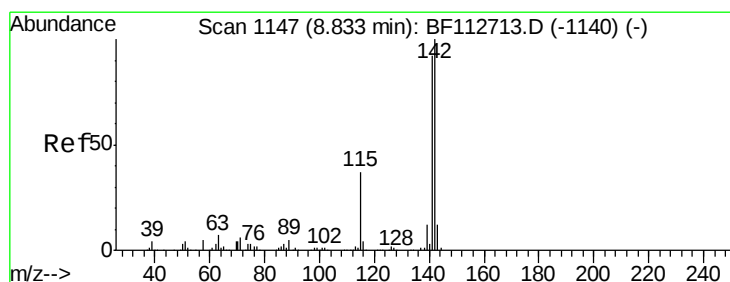
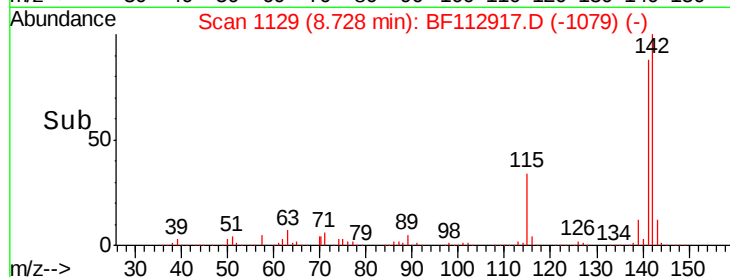
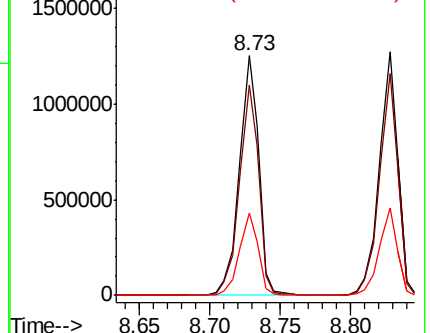
115 34.3 27.8 41.6



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: 39.170 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

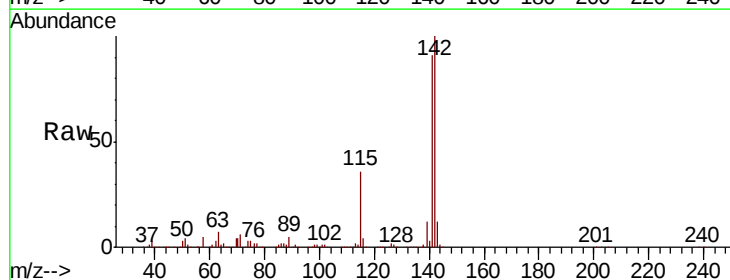
Tgt Ion:142 Resp: 1161831

Ion Ratio Lower Upper

142 100

141 91.2 73.7 110.5

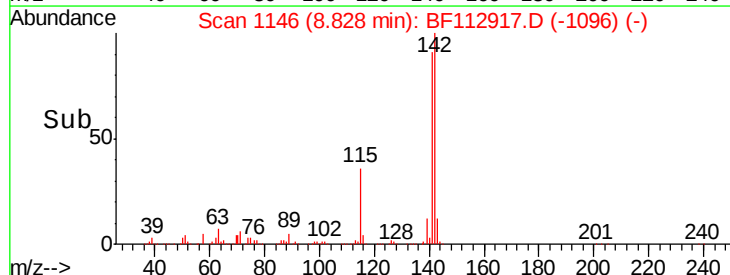
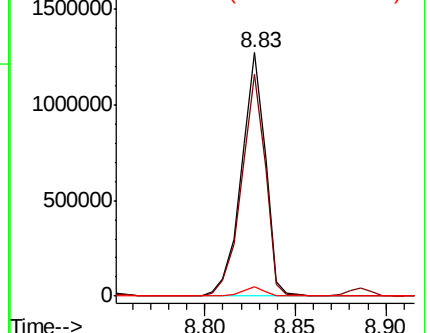
116 3.8 3.1 4.7



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

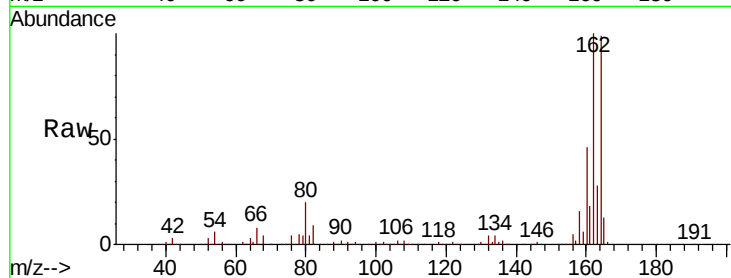




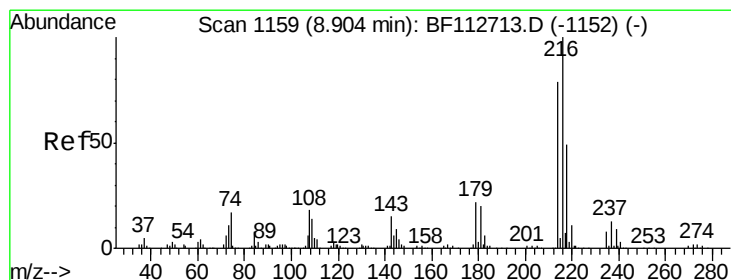
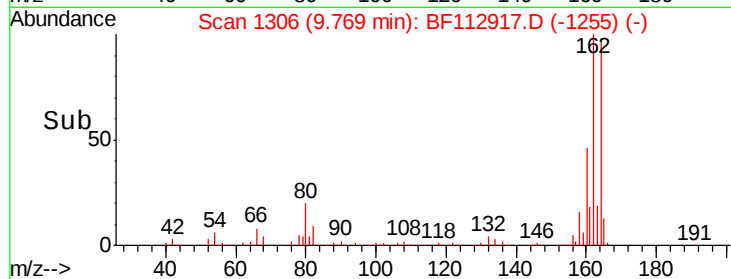
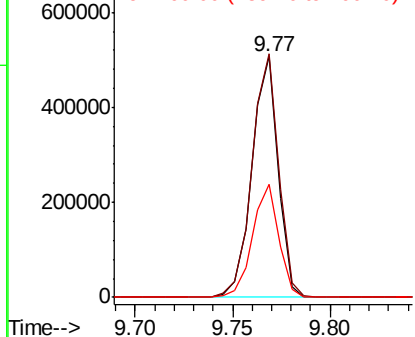
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 469285
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 46.9 36.0 54.0

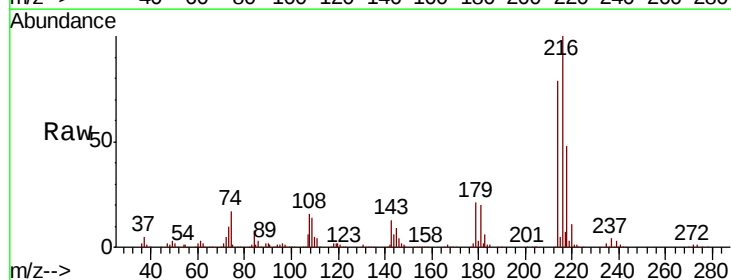


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

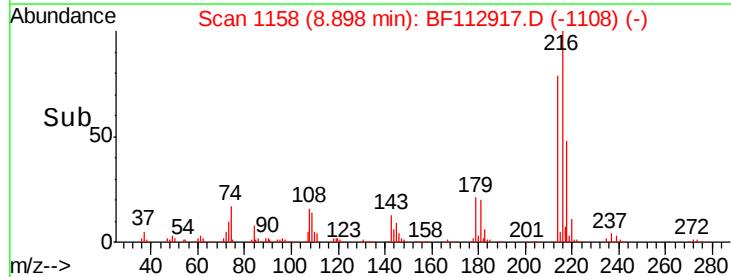
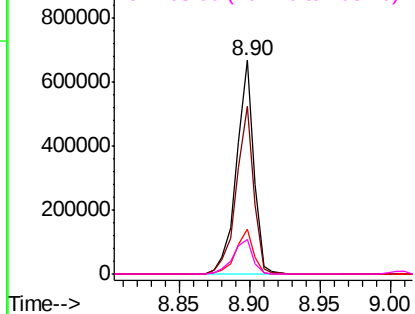


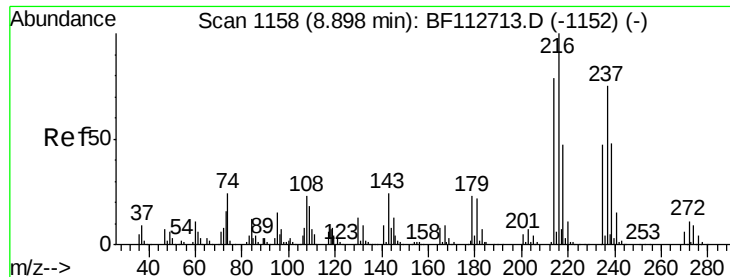
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.488 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion:216 Resp: 567757
Ion Ratio Lower Upper
216 100
214 79.2 63.2 94.8
179 21.1 17.5 26.3
108 18.5 16.7 25.1



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: 42.961 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

ClientSampled :

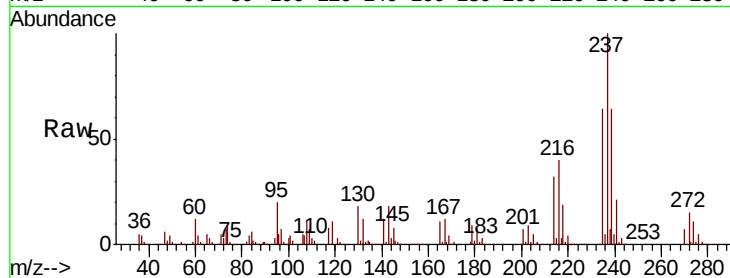
Tgt Ion: 237 Resp: 321943

Ion Ratio Lower Upper

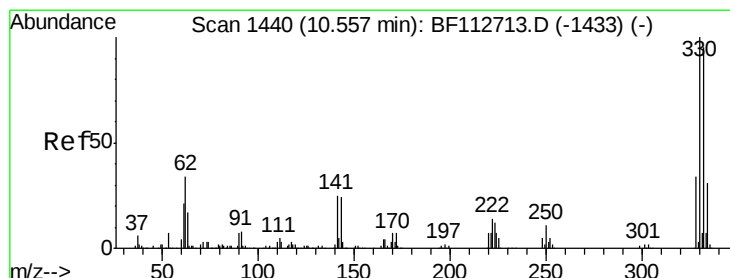
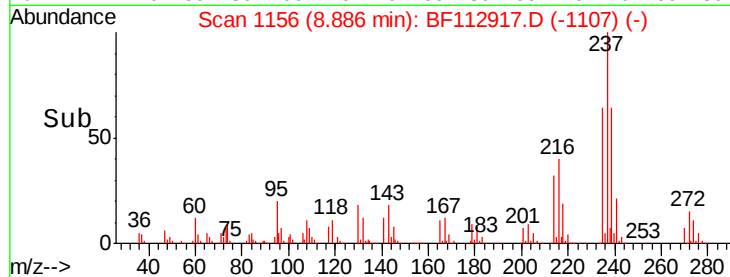
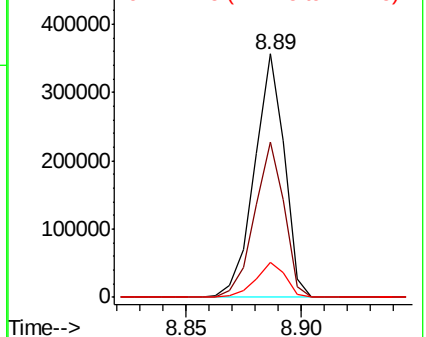
237 100

235 64.0 42.2 82.2

272 14.5 0.0 34.0



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



#42

2,4,6-Tribromophenol

Concen: 85.892 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

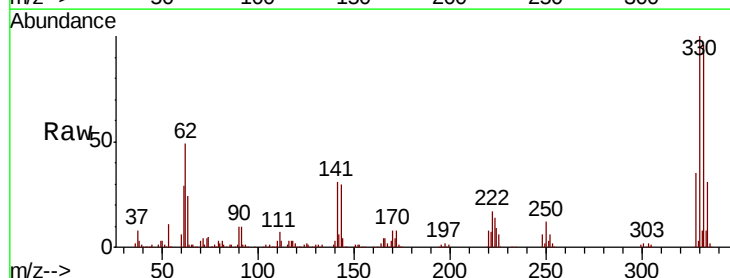
Tgt Ion: 330 Resp: 427919

Ion Ratio Lower Upper

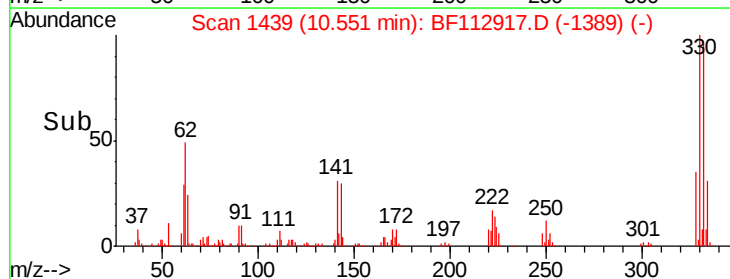
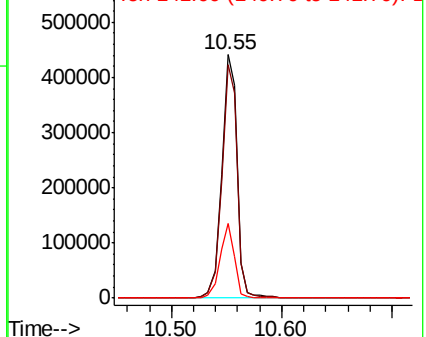
330 100

332 96.4 76.2 114.4

141 28.6 27.0 40.6



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

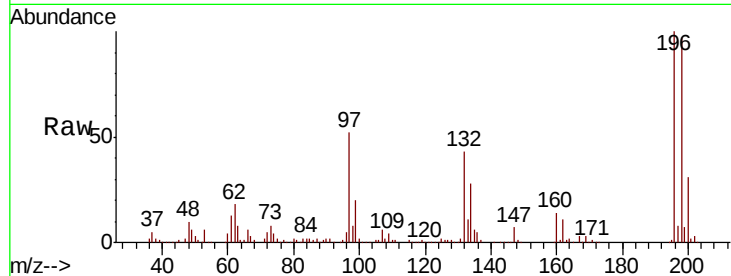




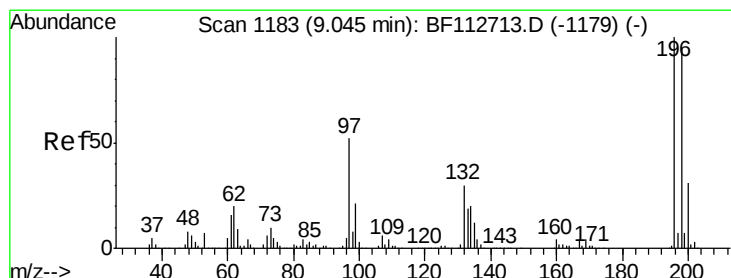
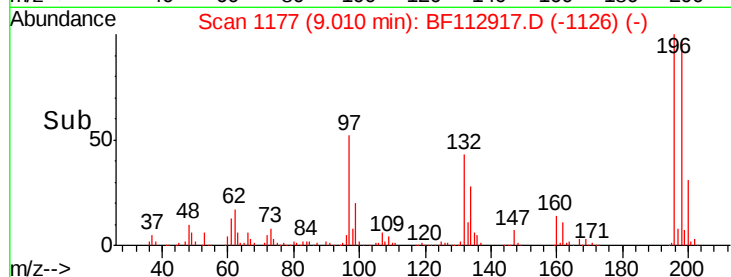
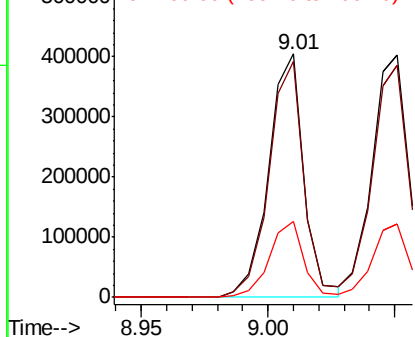
#43
 2,4,6-Trichlorophenol
 Concen: 41.917 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:196 Resp: 394784
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.8 113.8
 200 30.9 24.3 36.5

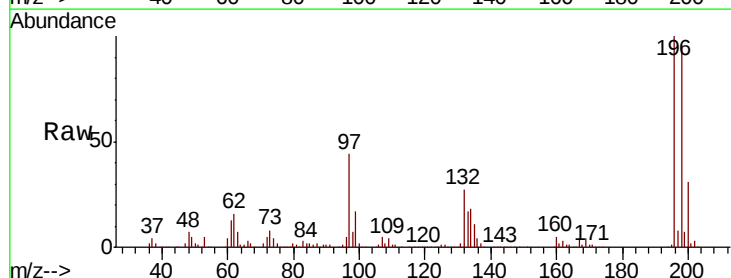


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

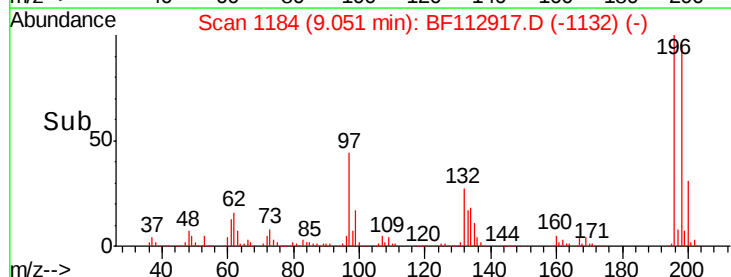
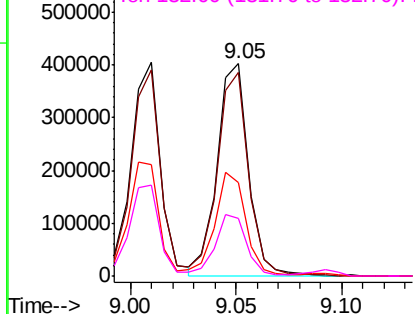


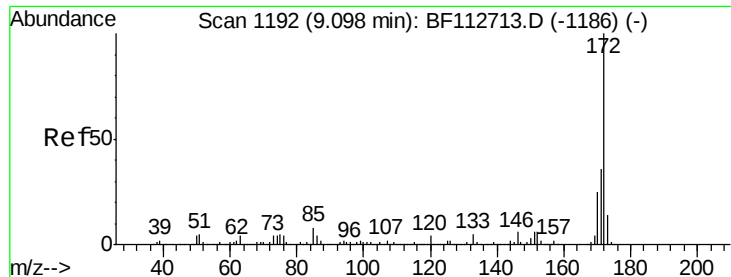
#44
 2,4,5-Trichlorophenol
 Concen: 40.485 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Tgt Ion:196 Resp: 412136
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.2 114.2
 97 44.4 41.5 62.3
 132 27.2 23.9 35.9



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

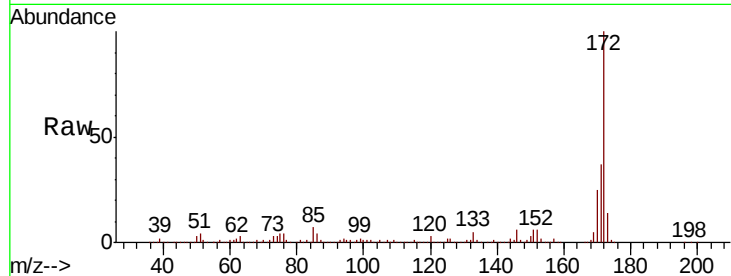




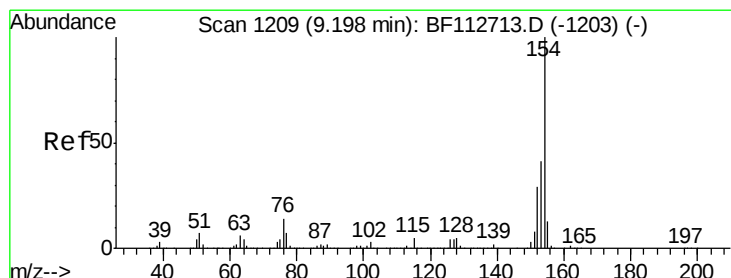
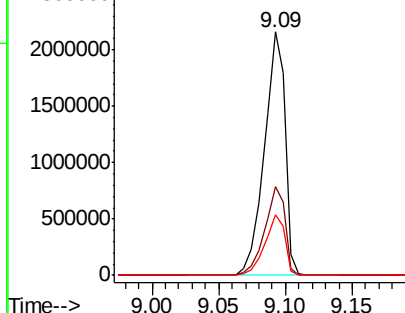
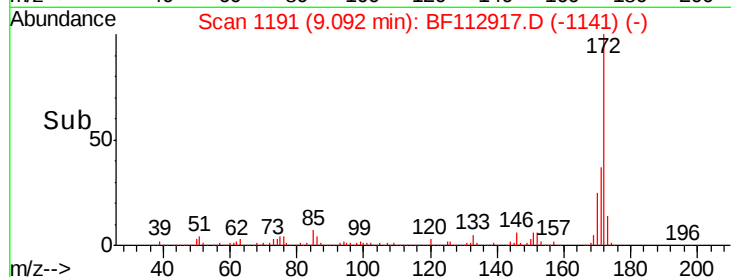
#45
2-Fluorobiphenyl
Concen: 80.323 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampled :

Tgt Ion:172 Resp: 2308427
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 25.1 20.0 30.0

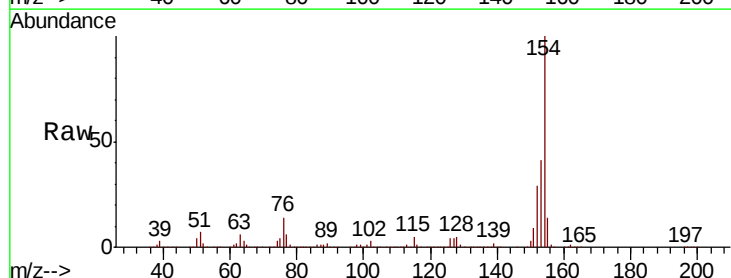


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

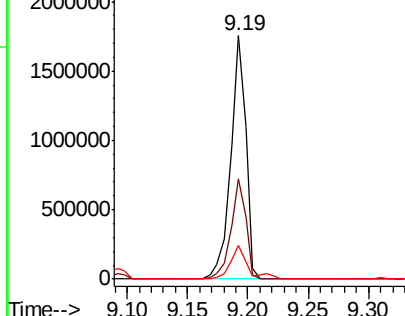
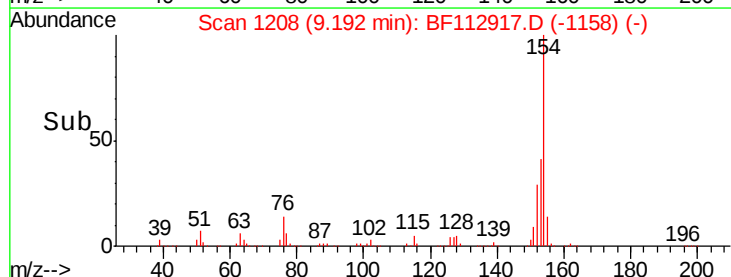


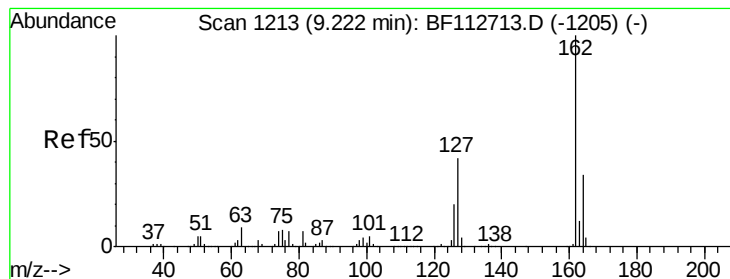
#46
1,1'-Biphenyl
Concen: 39.998 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion:154 Resp: 1531024
Ion Ratio Lower Upper
154 100
153 41.3 20.8 60.8
76 13.8 0.0 33.8



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





#47

2-Chloronaphthalene

Concen: 39.893 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

ClientSampleId :

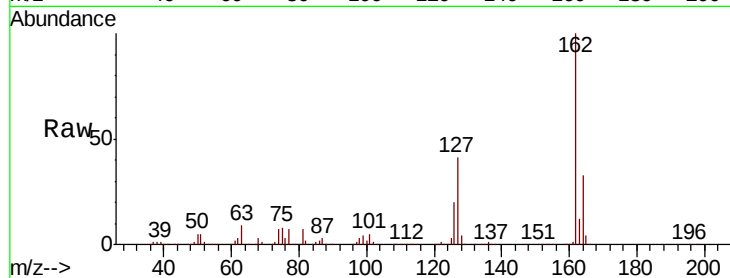
Tgt Ion: 162 Resp: 1192328

Ion Ratio Lower Upper

162 100

127 41.1 33.4 50.2

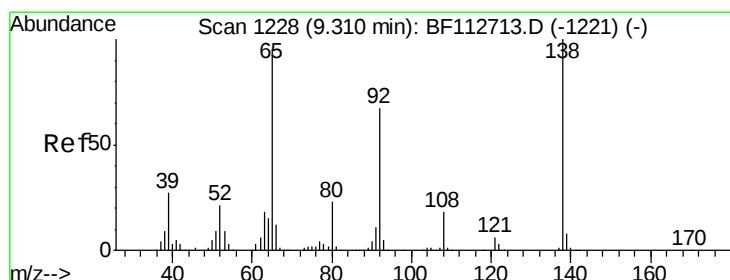
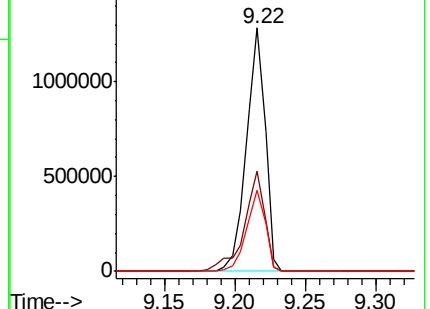
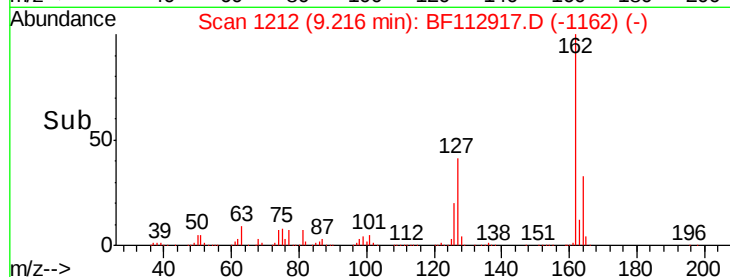
164 33.2 26.9 40.3



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: 43.152 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

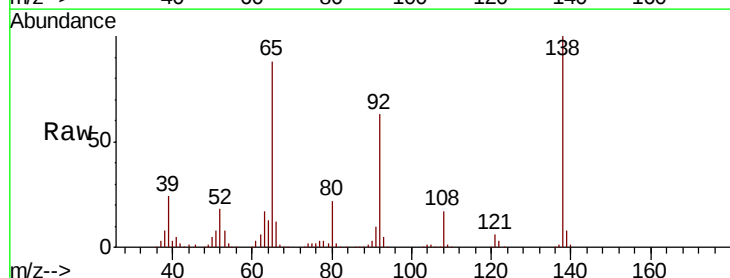
Tgt Ion: 65 Resp: 392023

Ion Ratio Lower Upper

65 100

92 72.5 56.4 84.6

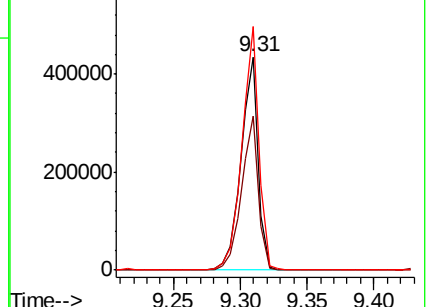
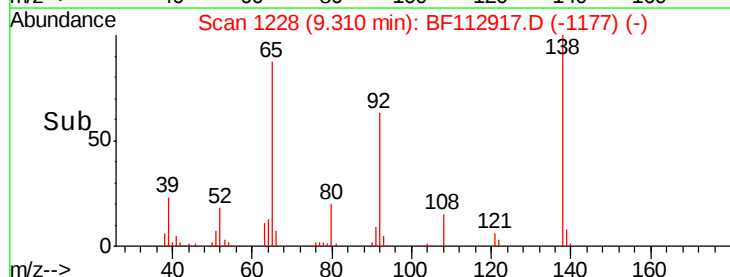
138 114.2 84.6 126.8



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: 37.201 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

ClientSampled :

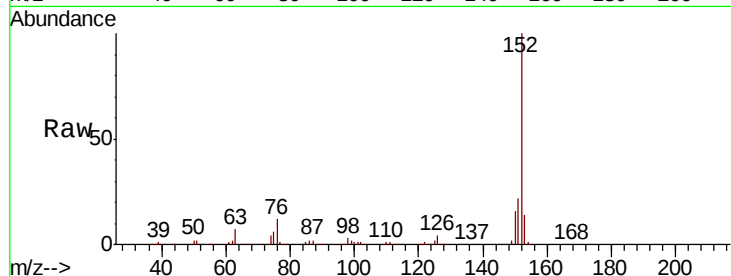
Tgt Ion:152 Resp: 1887614

Ion Ratio Lower Upper

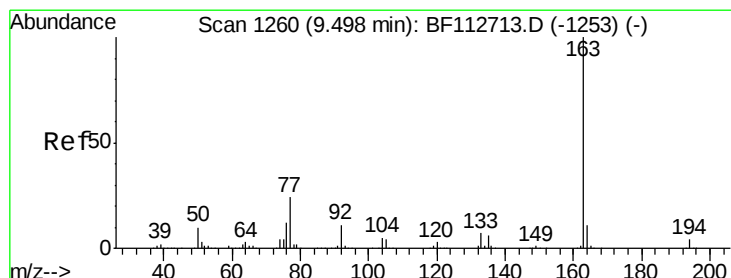
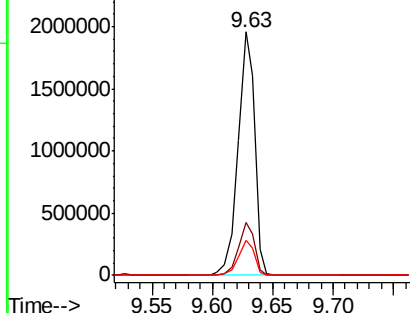
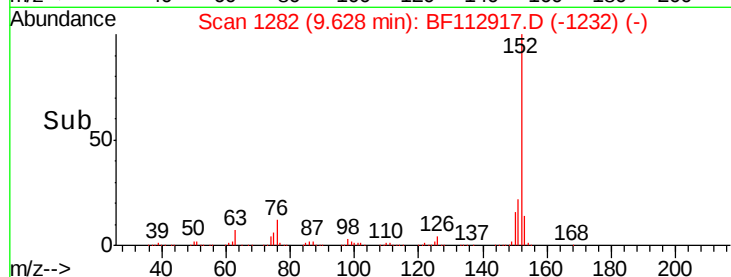
152 100

151 21.6 16.9 25.3

153 14.5 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: 40.233 ng

RT: 9.50 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

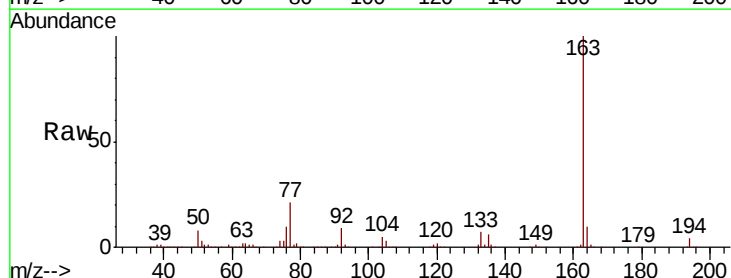
Tgt Ion:163 Resp: 1392173

Ion Ratio Lower Upper

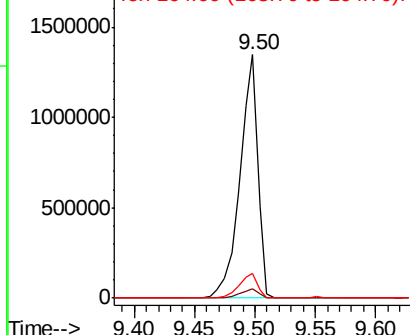
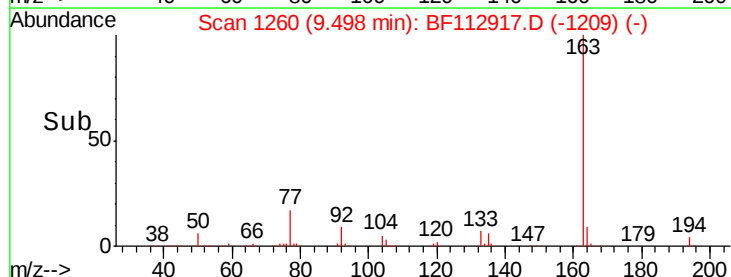
163 100

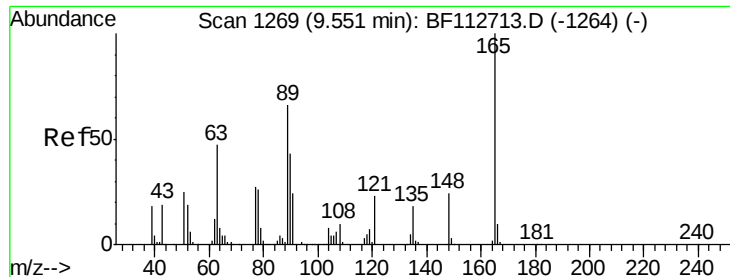
194 4.1 3.0 4.4

164 10.4 8.4 12.6



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: 44.884 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

ClientSampleId :

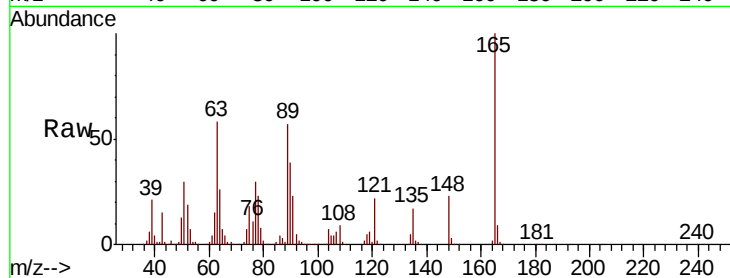
Tgt Ion:165 Resp: 323419

Ion Ratio Lower Upper

165 100

63 57.7 54.1 81.1

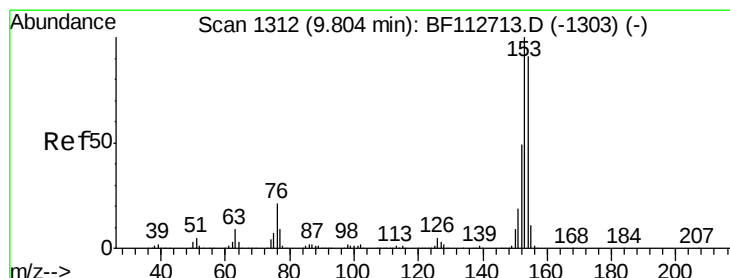
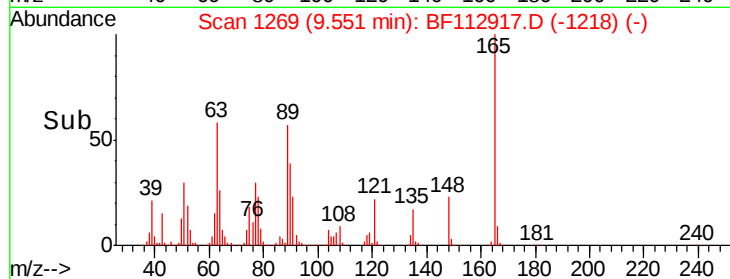
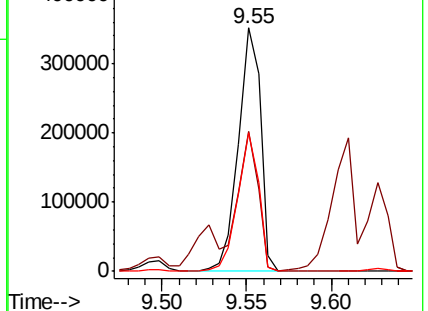
89 56.9 52.8 79.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 37.923 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

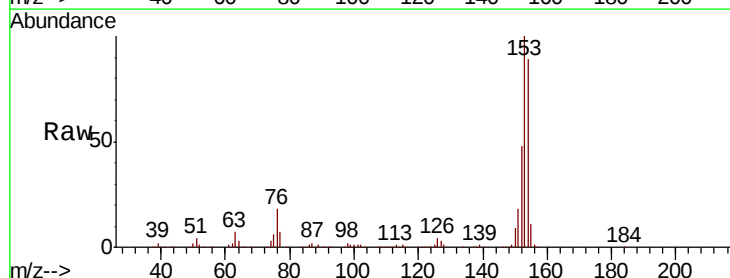
Tgt Ion:154 Resp: 1125256

Ion Ratio Lower Upper

154 100

153 112.5 87.8 131.8

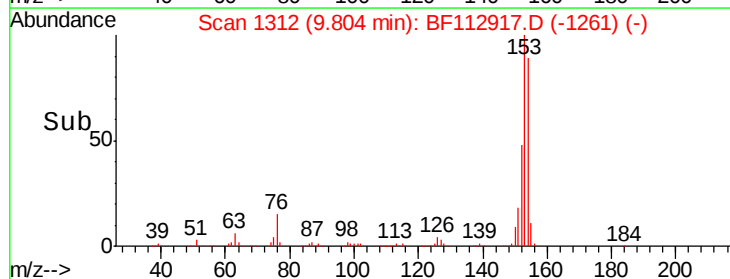
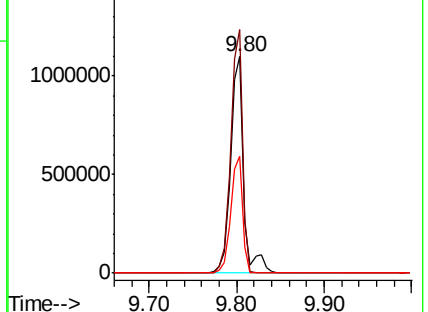
152 54.3 43.0 64.6

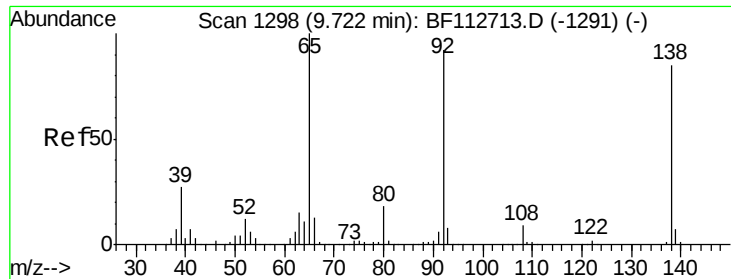


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

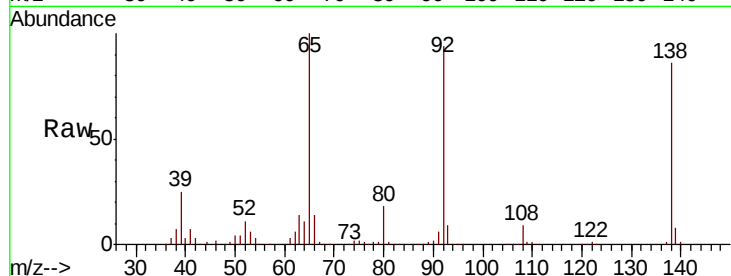




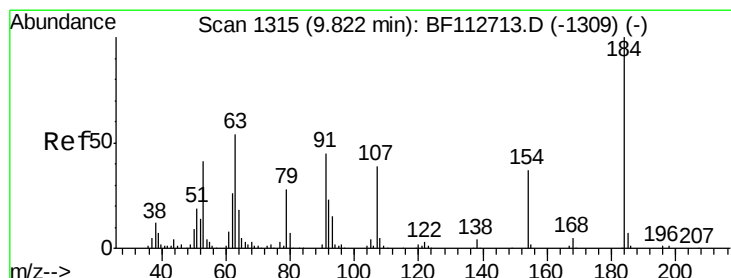
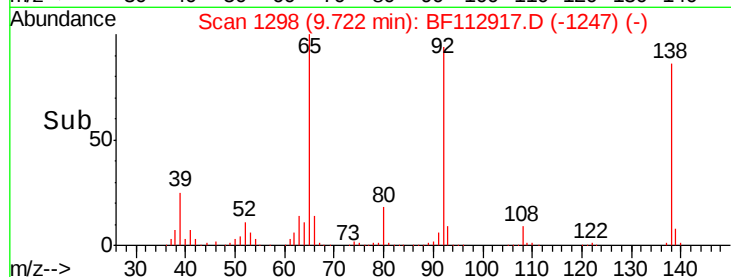
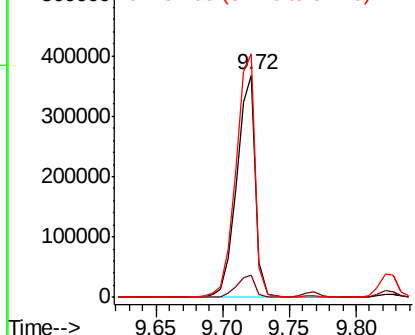
#53
3-Nitroaniline
Concen: 41.106 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 360923
Ion Ratio Lower Upper
138 100
108 9.9 8.6 13.0
92 109.6 86.6 129.8

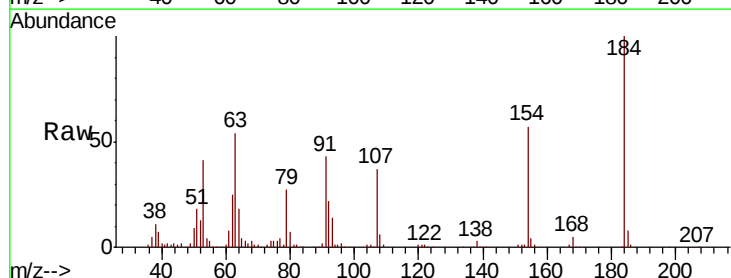


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

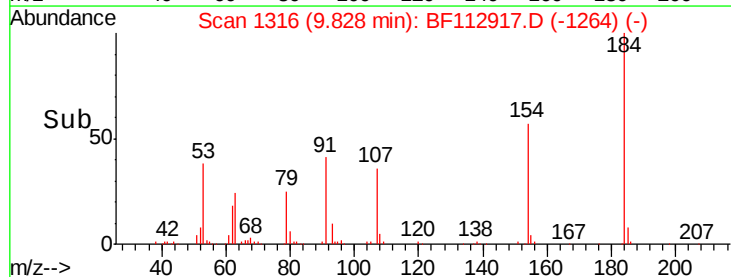
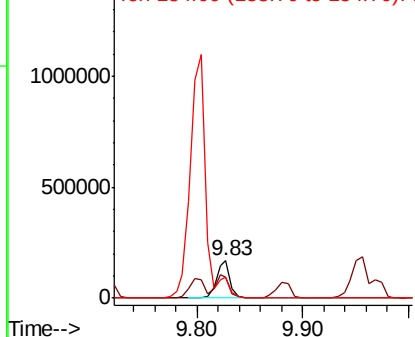


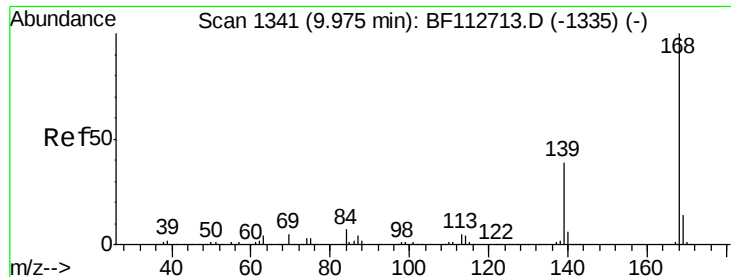
#54
2,4-Dinitrophenol
Concen: 55.238 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion:184 Resp: 156406
Ion Ratio Lower Upper
184 100
63 54.4 45.3 67.9
154 56.8 46.0 69.0



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

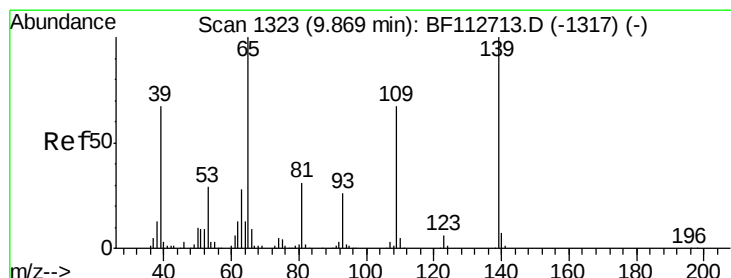
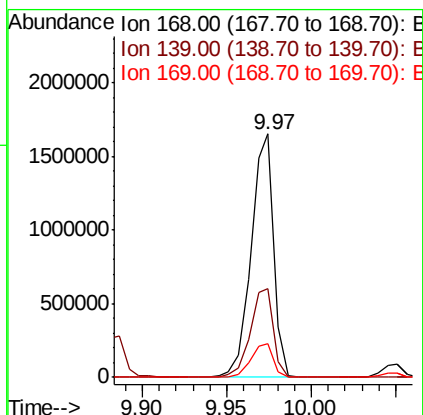
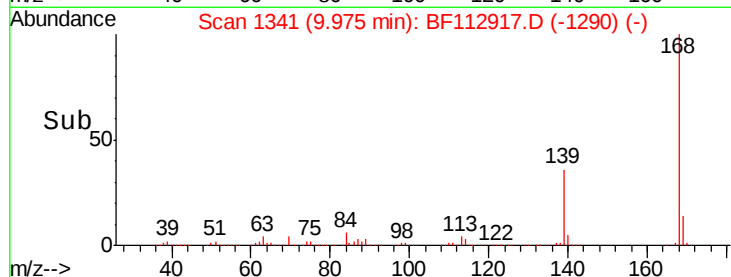
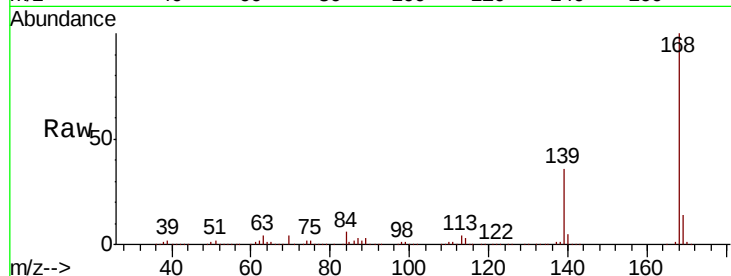




#55
Dibenzenofuran
Concen: 35.718 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

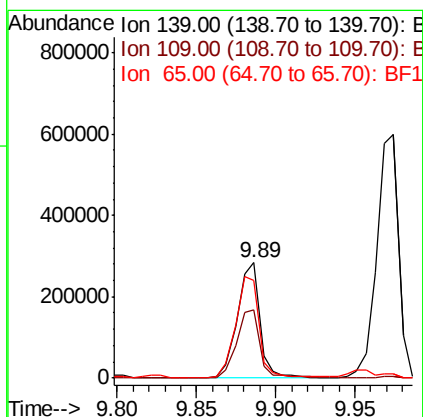
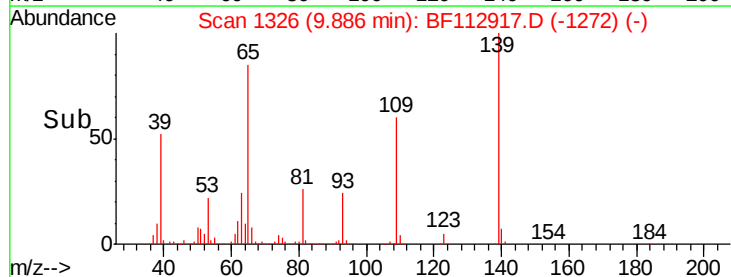
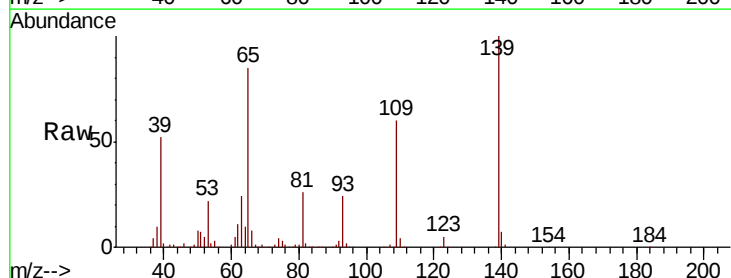
Instrument :
BNA_F
ClientSampleId :

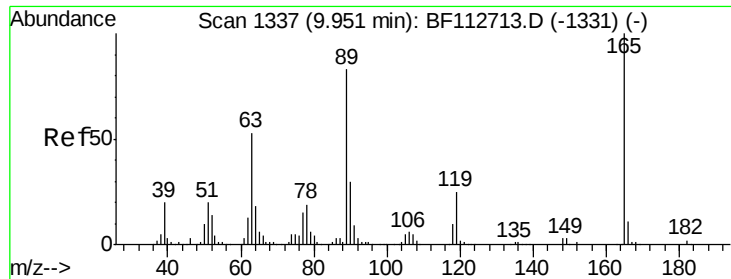
Tgt Ion:168 Resp: 1540360
Ion Ratio Lower Upper
168 100
139 36.2 31.3 46.9
169 14.0 11.3 16.9



#56
4-Nitrophenol
Concen: 39.549 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.02 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion:139 Resp: 282215
Ion Ratio Lower Upper
139 100
109 59.6 46.8 86.8
65 84.6 80.7 120.7

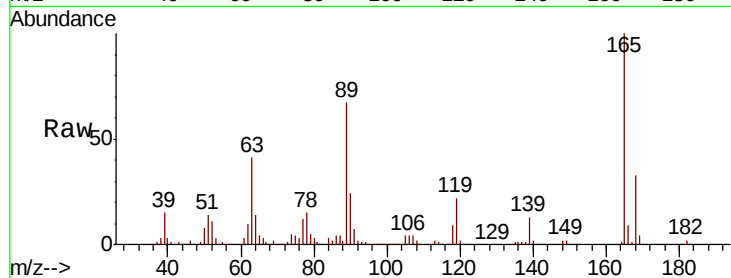




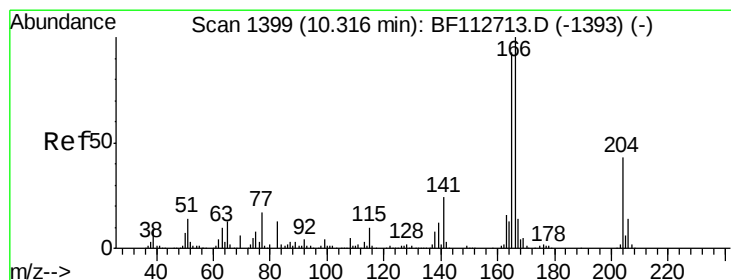
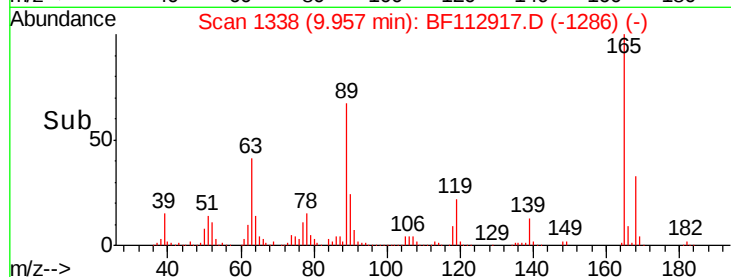
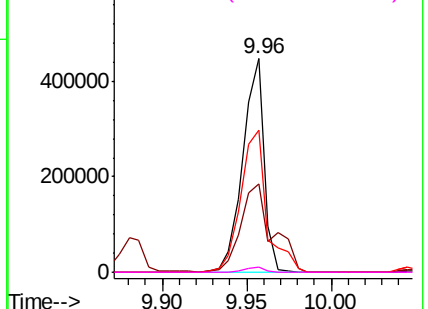
#57
2,4-Dinitrotoluene
Concen: 44.115 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.4	42.2	63.2#
89	66.8	66.2	99.4
182	2.4	1.8	2.6

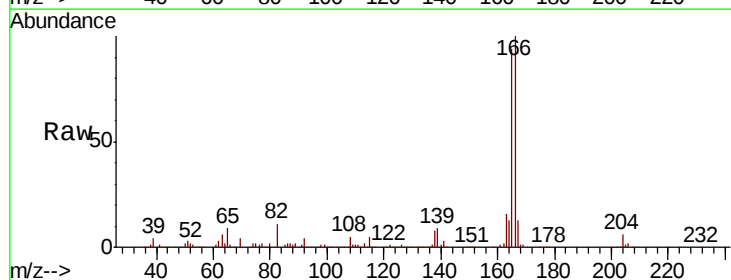


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

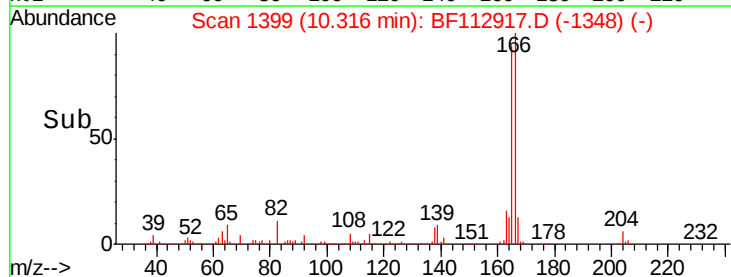
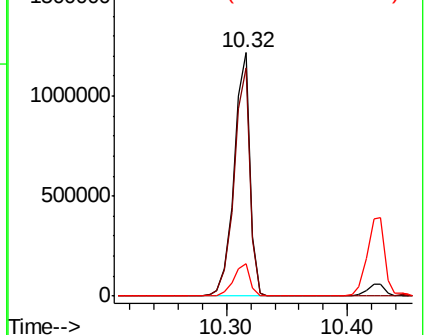


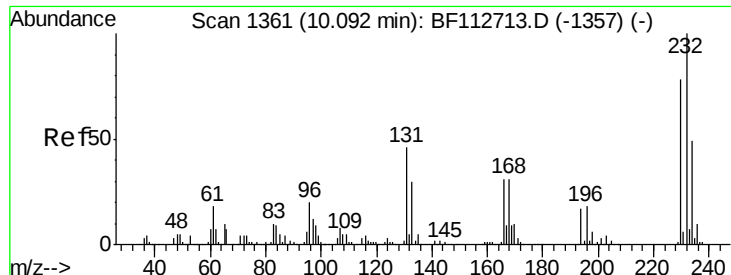
#58
Fluorene
Concen: 36.455 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.6	74.7	112.1
167	13.4	11.0	16.6



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

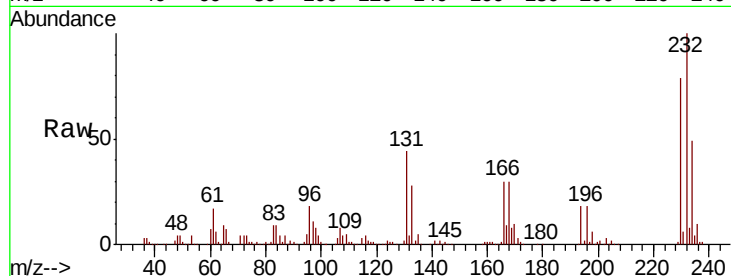




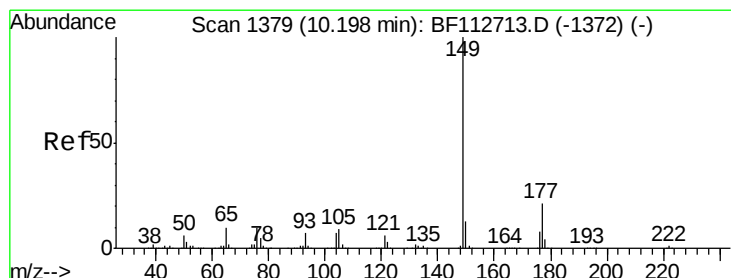
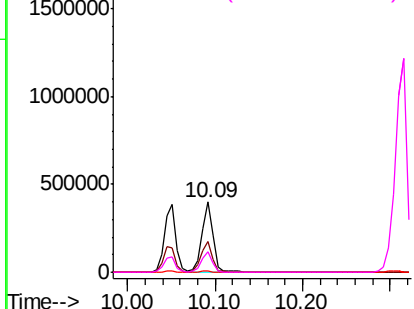
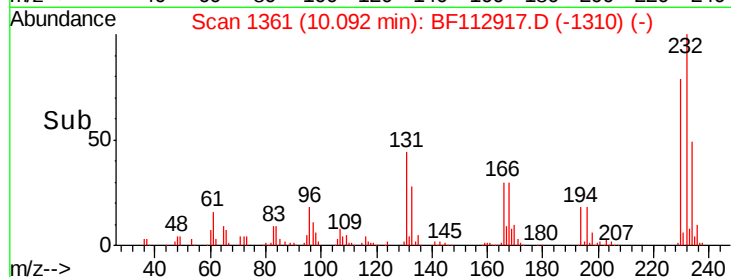
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.151 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:232 Resp: 357505
Ion Ratio Lower Upper
232 100
131 43.4 38.7 58.1
130 2.0 1.9 2.9
166 29.2 25.2 37.8

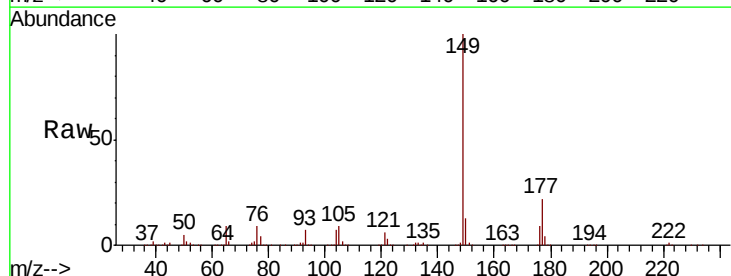


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

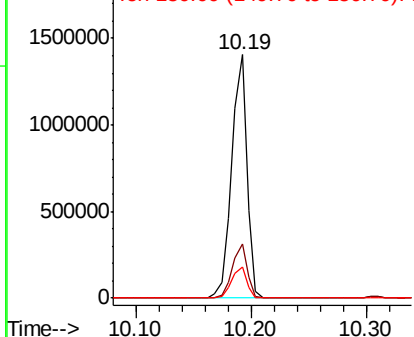
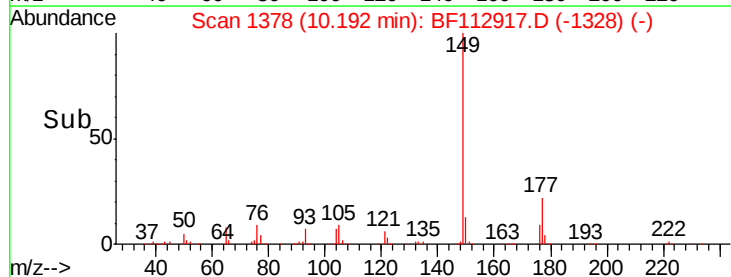


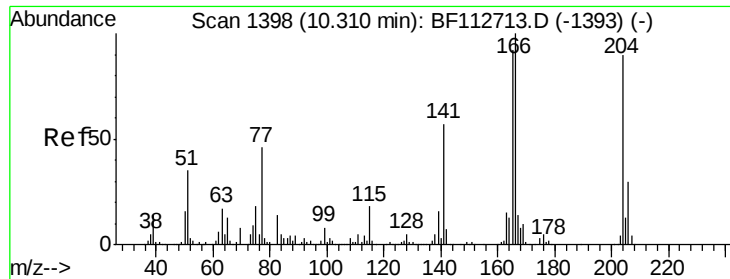
#60
Diethylphthalate
Concen: 35.235 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion:149 Resp: 1287677
Ion Ratio Lower Upper
149 100
177 22.2 17.0 25.6
150 12.6 10.0 15.0



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

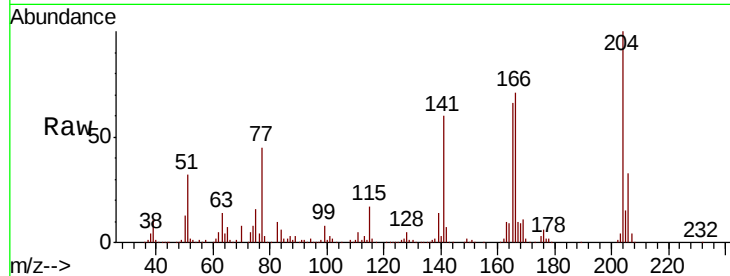




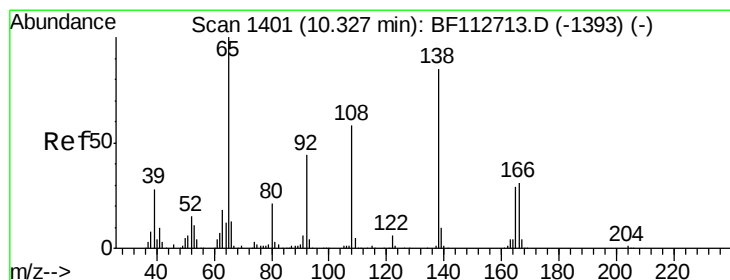
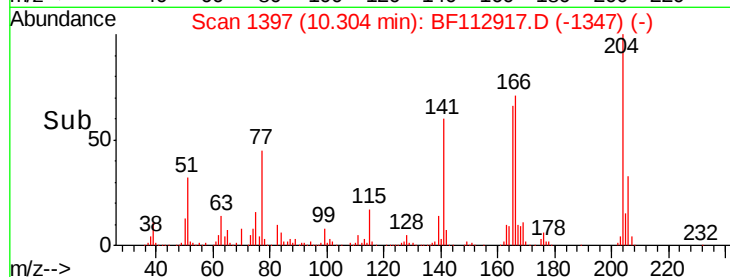
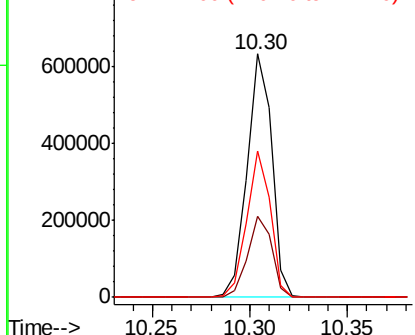
#61
4-Chlorophenyl-phenylether
Concen: 38.947 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampled :

Tgt Ion: 204 Resp: 554653
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 59.9 50.8 76.2

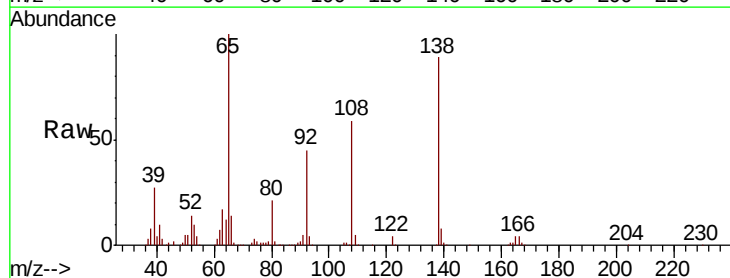


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

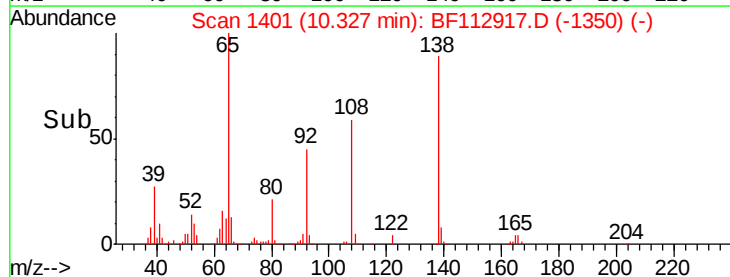
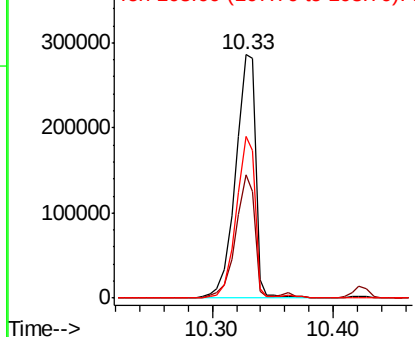


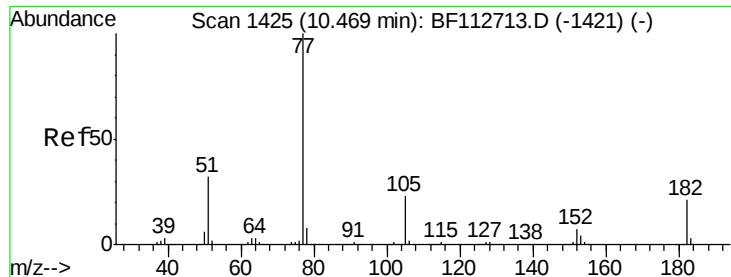
#62
4-Nitroaniline
Concen: 41.323 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion: 138 Resp: 335270
Ion Ratio Lower Upper
138 100
92 50.5 31.3 71.3
108 66.3 48.1 88.1



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





#63

Azobenzene

Concen: 33.277 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 1245651

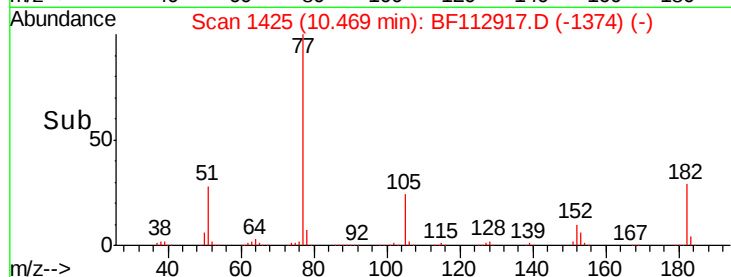
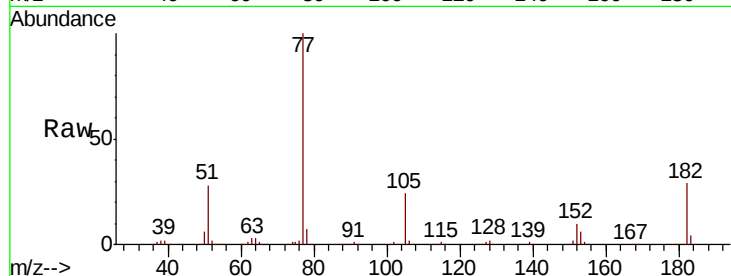
Ion Ratio Lower Upper

77 100

182 28.6 1.4 41.4

105 24.1 2.6 42.6

51 28.4 12.0 52.0

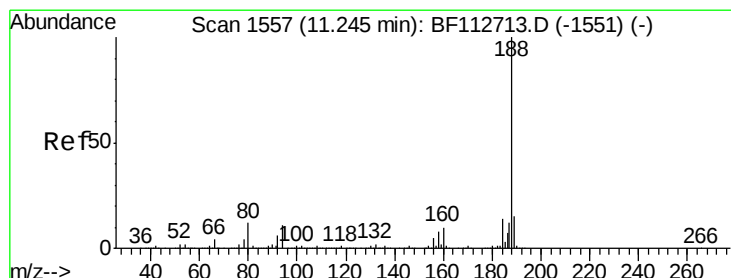
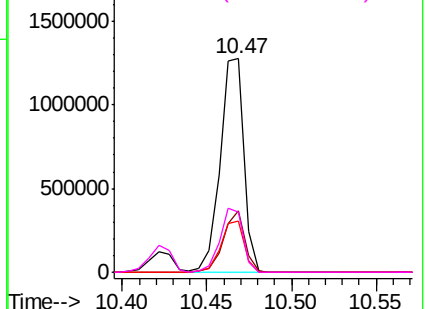


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

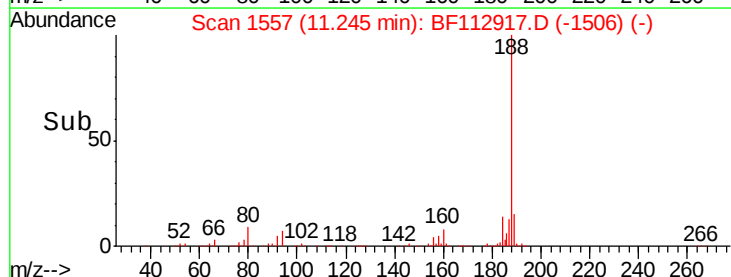
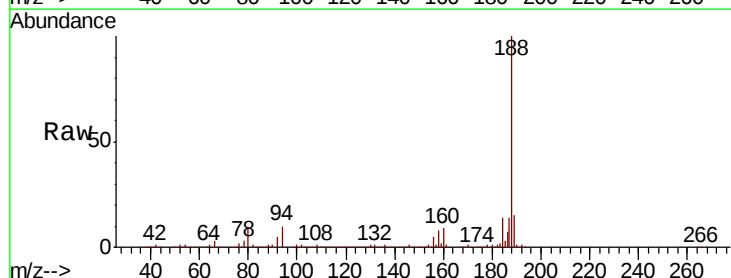
Tgt Ion: 188 Resp: 906926

Ion Ratio Lower Upper

188 100

94 9.7 9.0 13.4

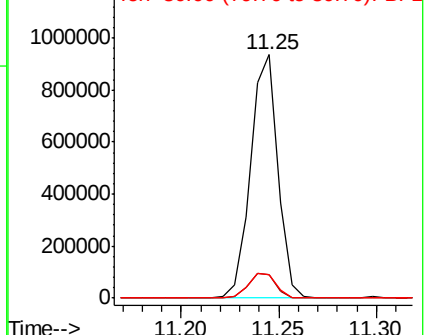
80 9.5 9.2 13.8

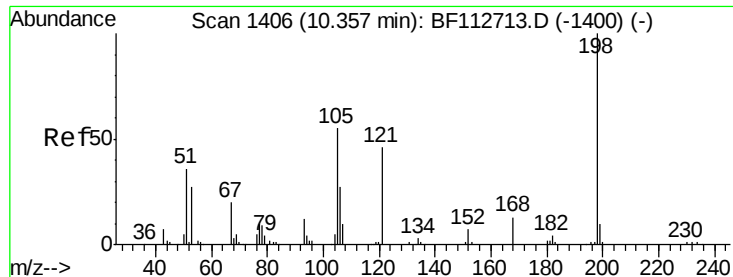


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

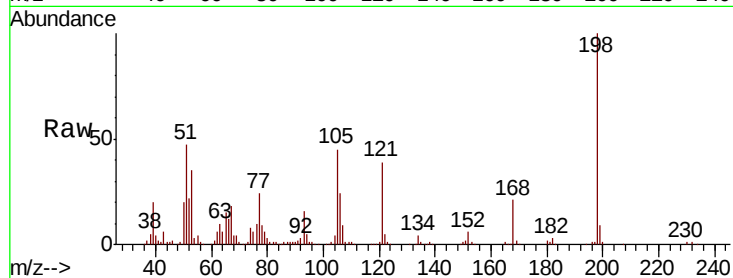




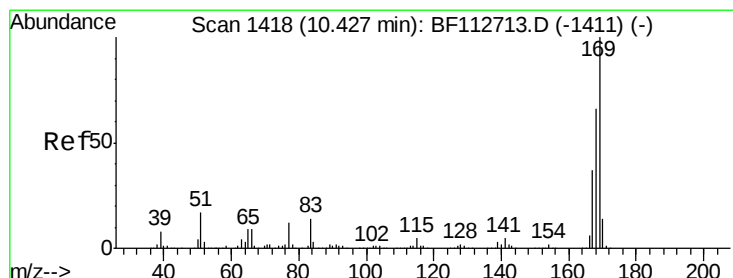
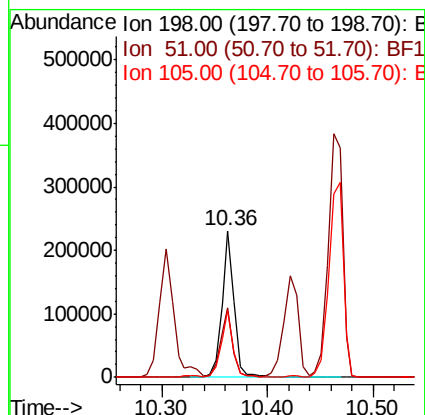
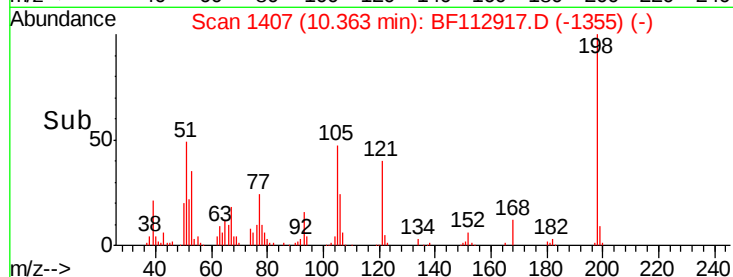
#65
4,6-Dinitro-2-methylphenol
Concen: 50.446 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 188955
Ion Ratio Lower Upper
198 100
51 47.4 43.8 83.8
105 45.3 36.5 76.5

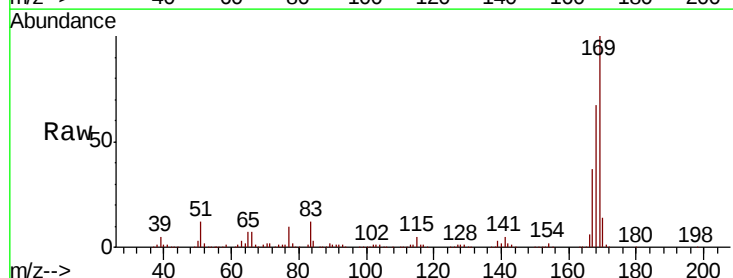


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

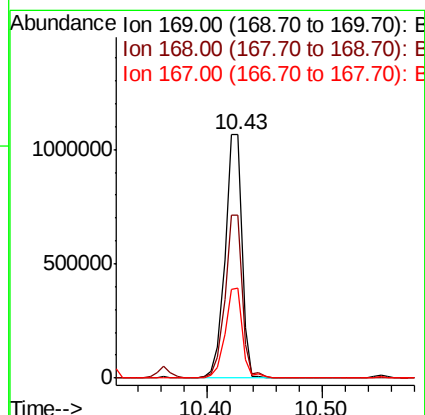
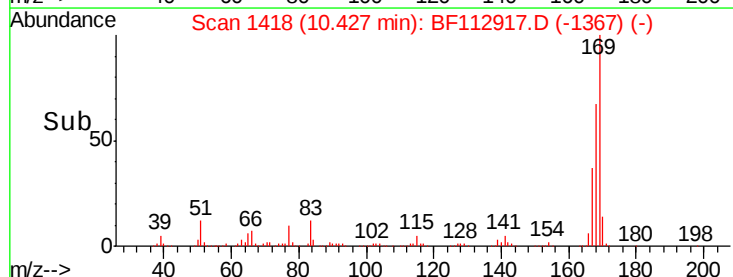


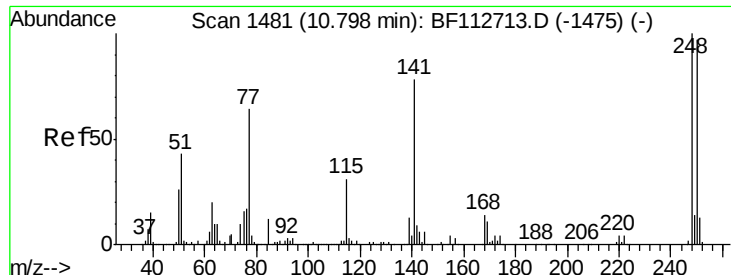
#66
n-Nitrosodiphenylamine
Concen: 37.229 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion:169 Resp: 1082849
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.6
167 36.7 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

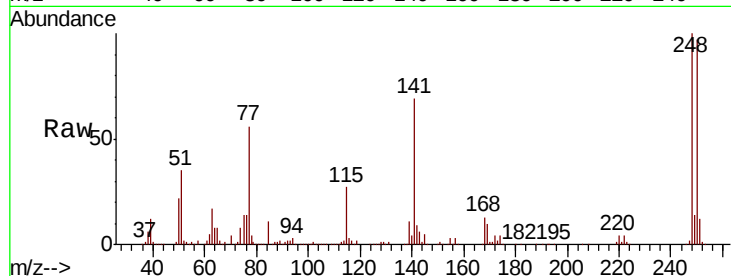




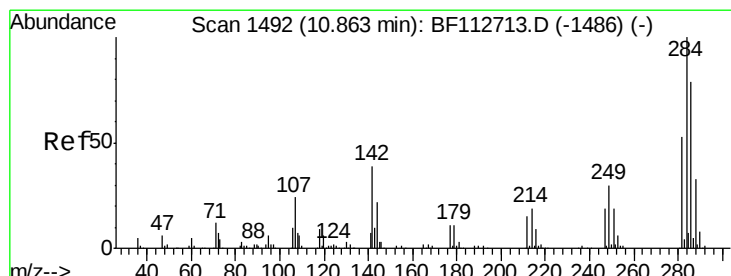
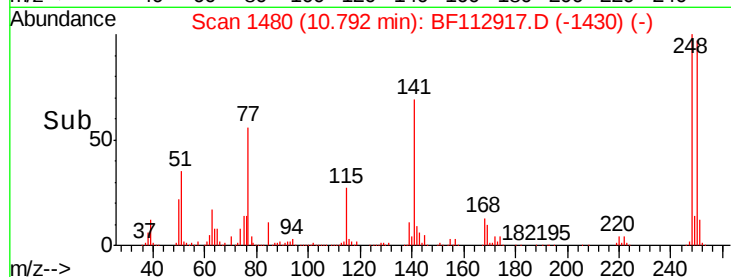
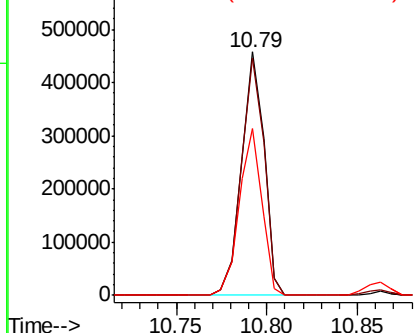
#67
 4-Bromophenyl-phenylether
 Concen: 41.636 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:248 Resp: 397735
 Ion Ratio Lower Upper
 248 100
 250 97.3 77.5 116.3
 141 68.6 62.4 93.6

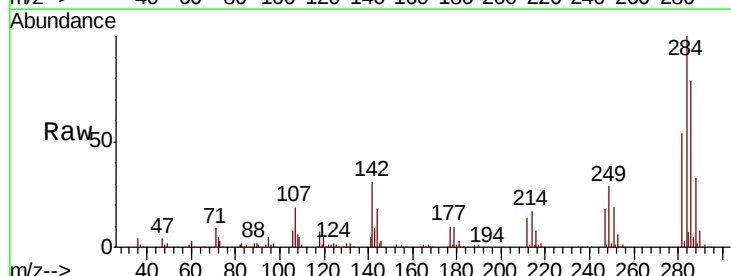


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

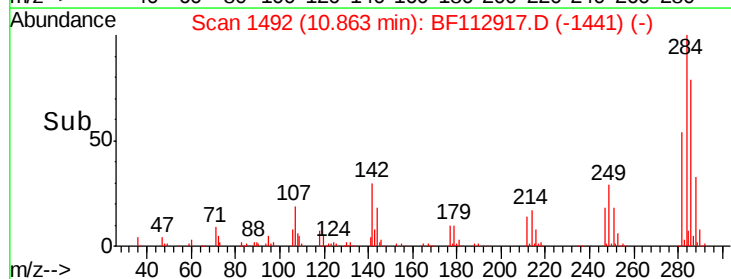
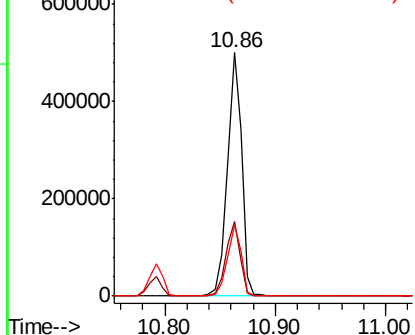


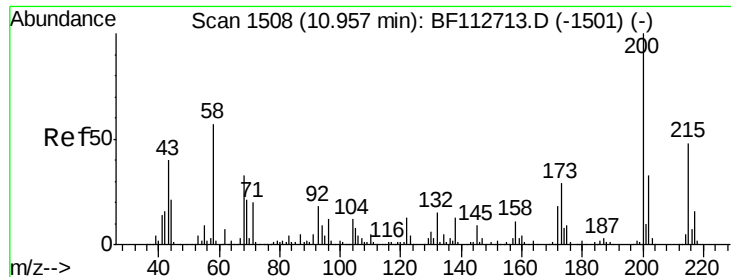
#68
 Hexachlorobenzene
 Concen: 42.211 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Tgt Ion:284 Resp: 454543
 Ion Ratio Lower Upper
 284 100
 142 30.7 31.0 46.6#
 249 29.2 23.6 35.4



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

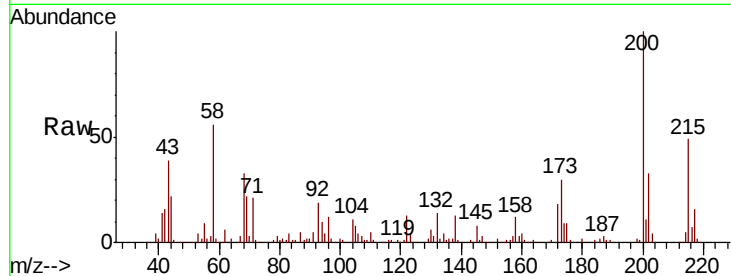




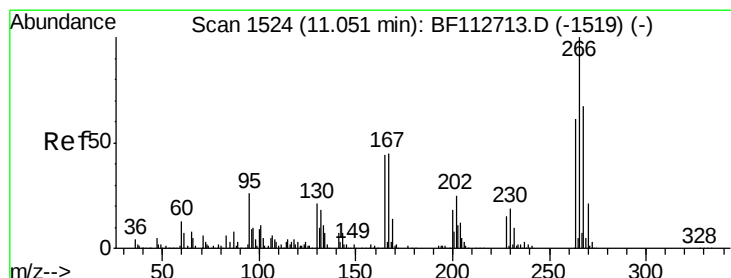
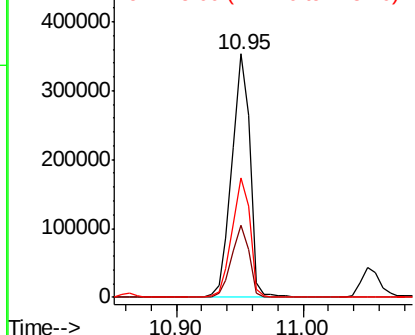
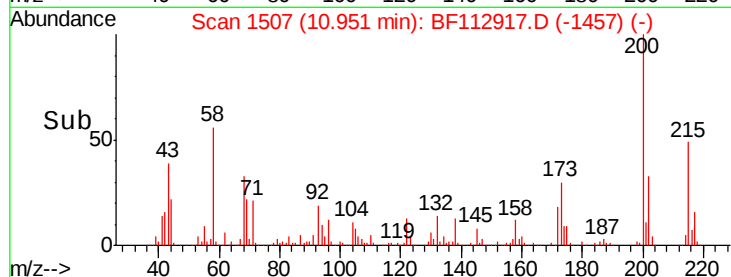
#69
 Atrazine
 Concen: 38.883 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.5	9.1	49.1
215	49.3	28.2	68.2

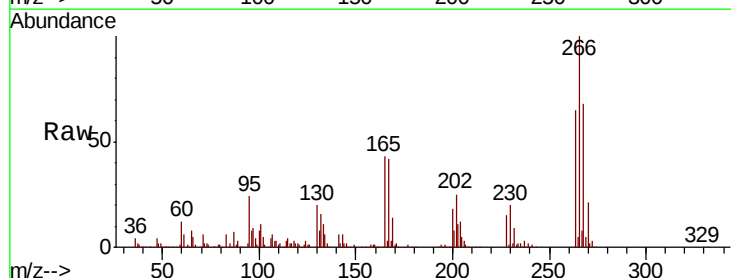


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

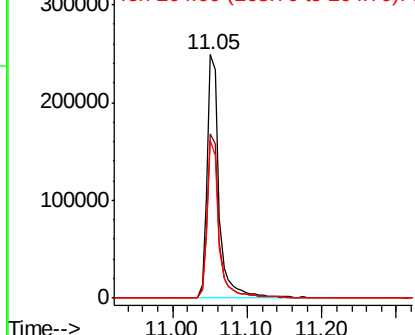
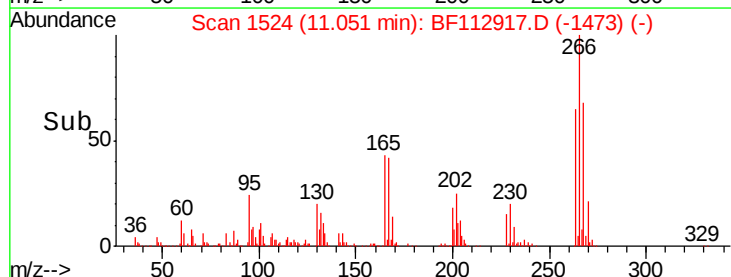


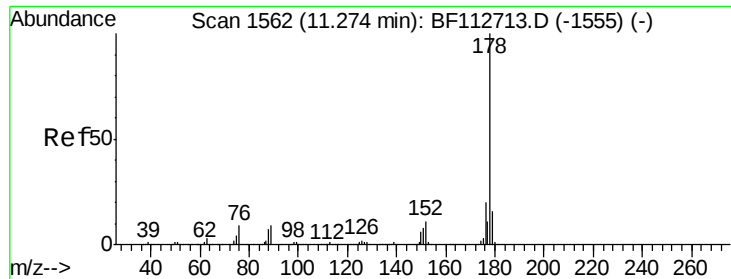
#70
 Pentachlorophenol
 Concen: 44.619 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.7	53.3	79.9
264	64.9	48.9	73.3



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

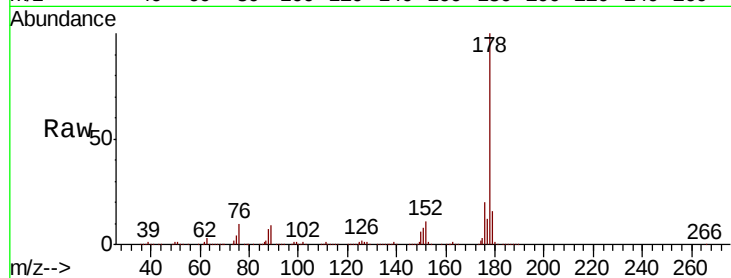




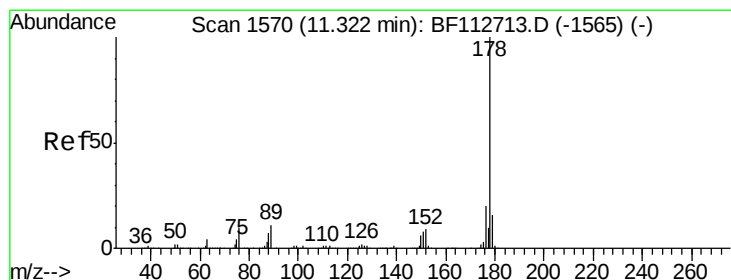
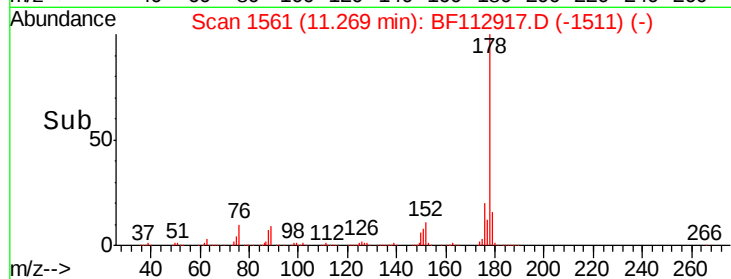
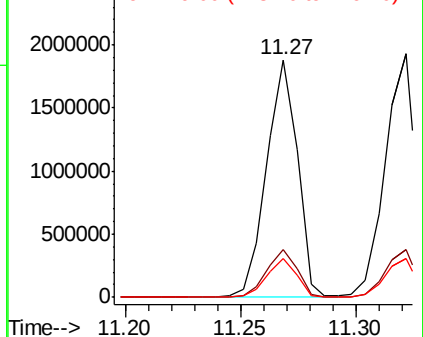
#71
Phenanthrene
Concen: 38.808 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampled :

Tgt Ion:178 Resp: 1751133
Ion Ratio Lower Upper
178 100
176 20.2 16.3 24.5
179 16.4 12.7 19.1

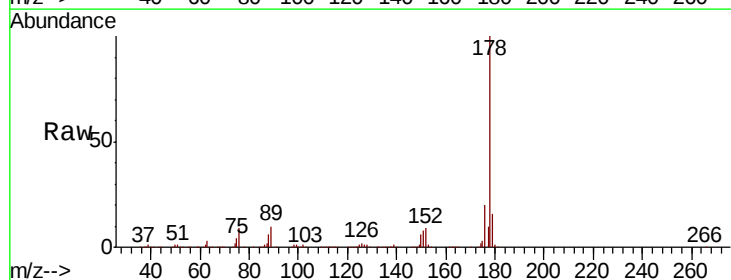


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

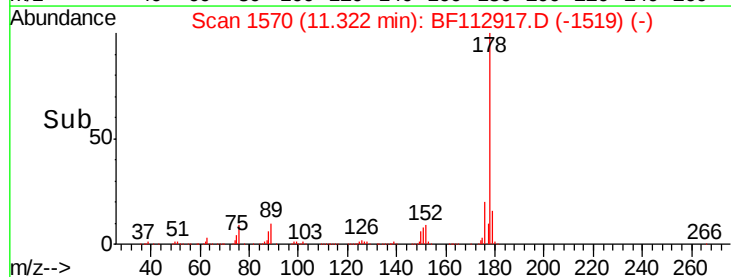
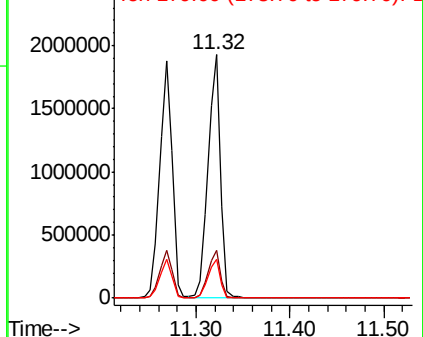


#72
Anthracene
Concen: 38.214 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion:178 Resp: 1805032
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 16.1 13.0 19.6



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

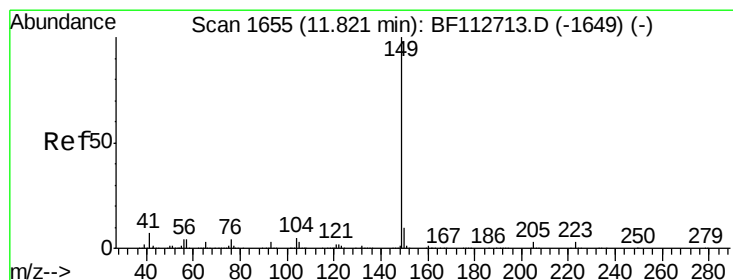
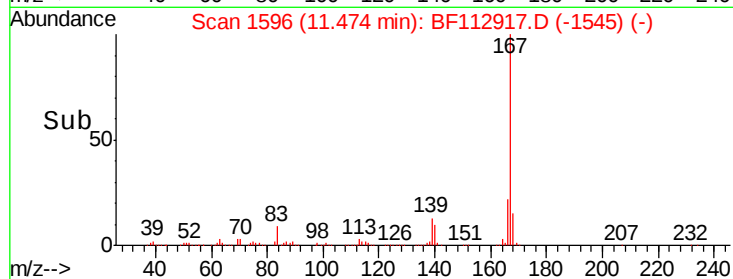
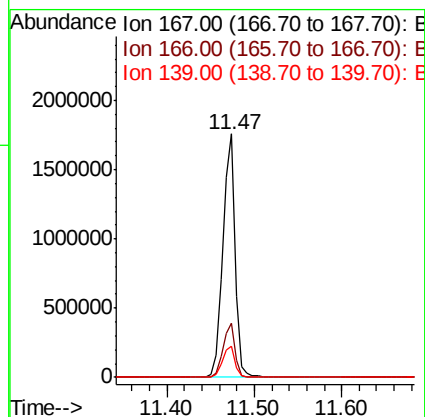
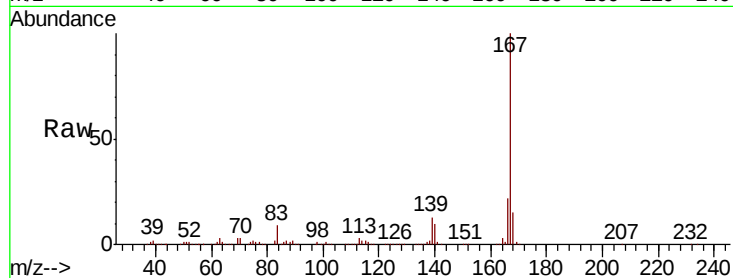




#73
 Carbazole
 Concen: 36.960 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

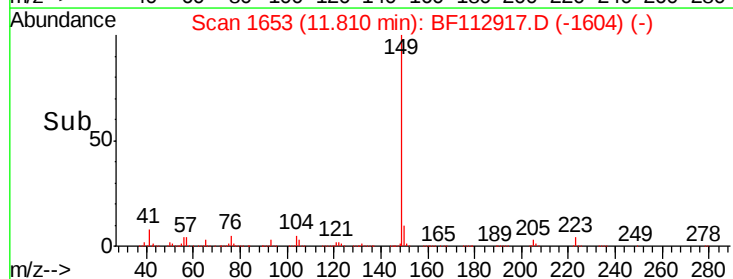
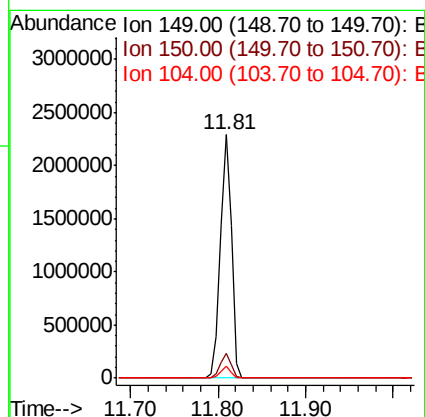
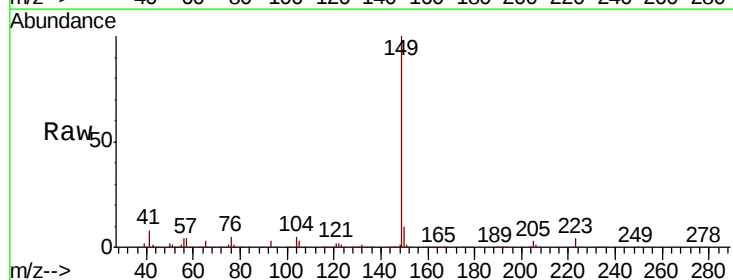
Instrument :
 BNA_F
 ClientSampleId :

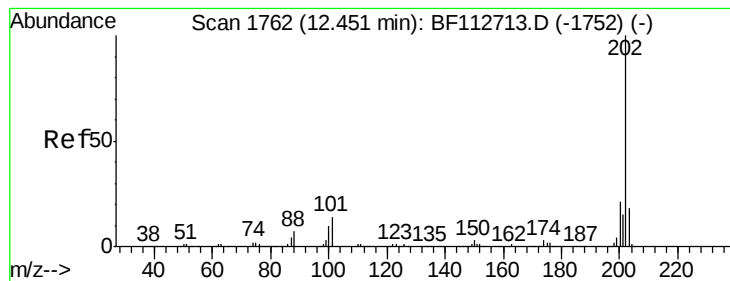
Tgt Ion:167 Resp: 1703002
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.5 26.3
 139 13.0 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 37.016 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Tgt Ion:149 Resp: 2045118
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.6 11.4
 104 4.8 3.7 5.5





#75

Fluoranthene

Concen: 37.521 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

ClientSampleId :

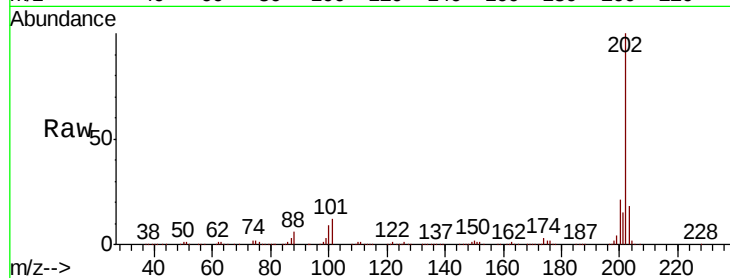
Tgt Ion:202 Resp: 1813921

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.8

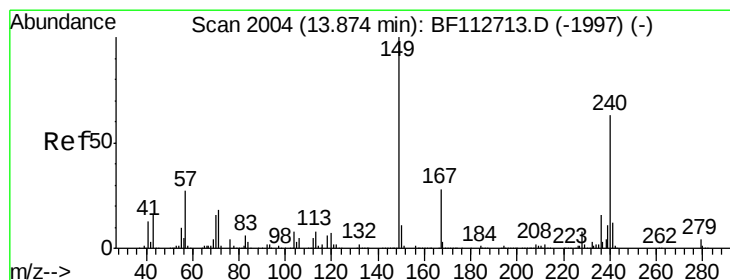
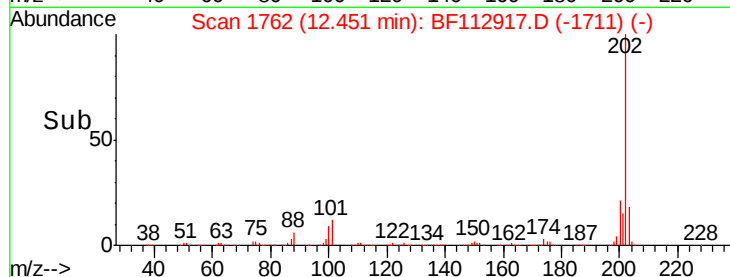
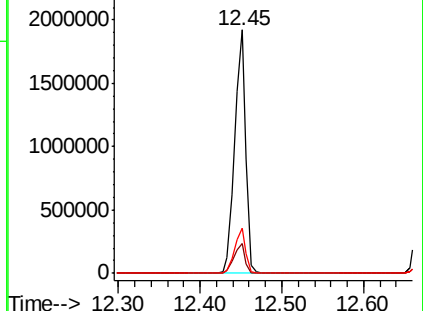
203 18.3 0.0 38.4



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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

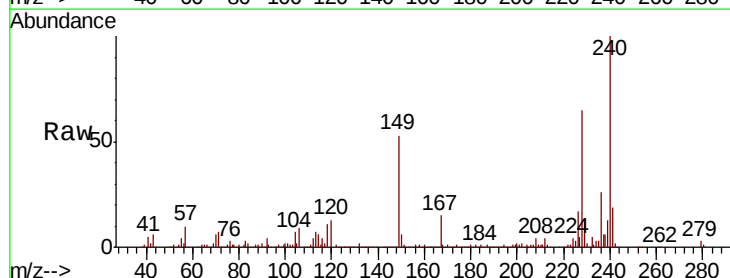
Tgt Ion:240 Resp: 586614

Ion Ratio Lower Upper

240 100

120 13.0 8.9 13.3

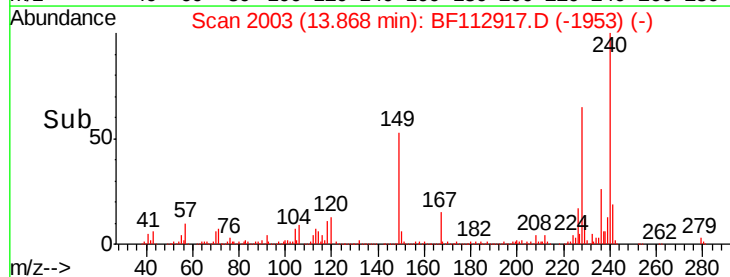
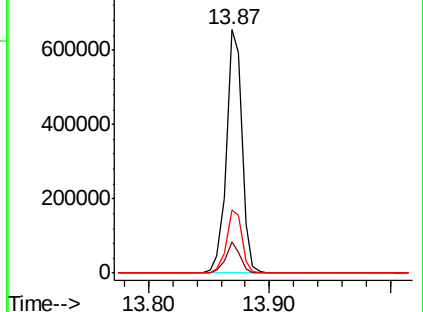
236 26.1 20.7 31.1

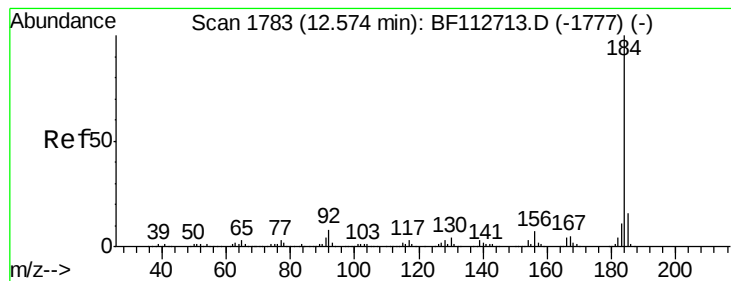


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

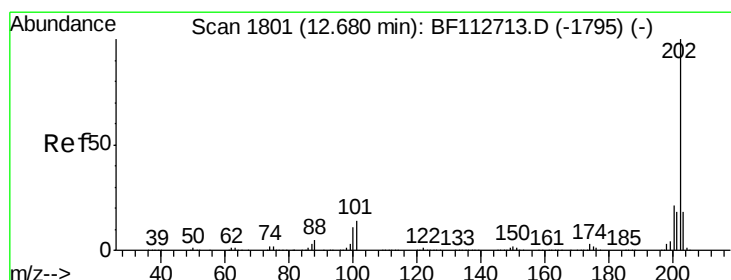
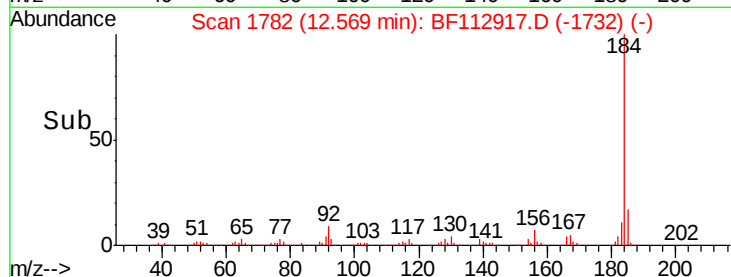
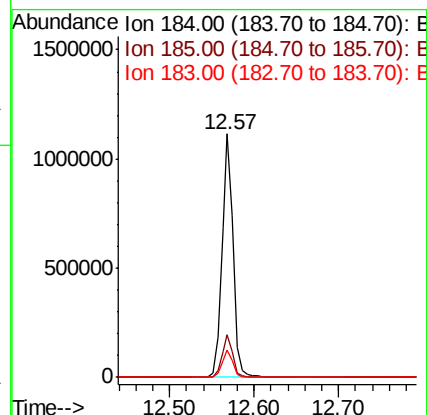
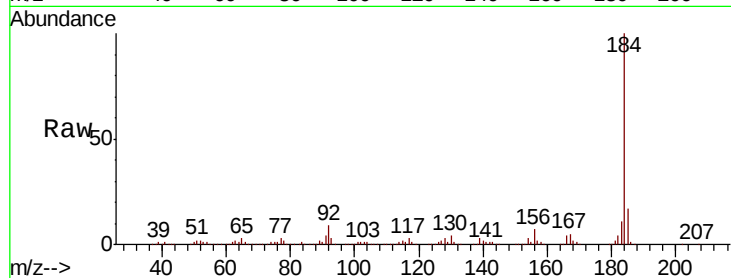




#77
Benzidine
Concen: 34.565 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

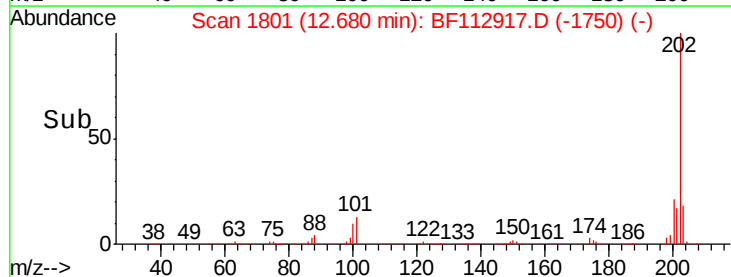
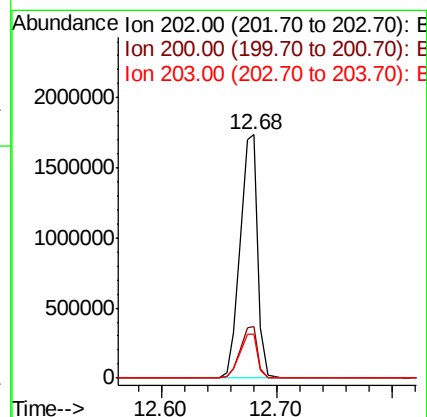
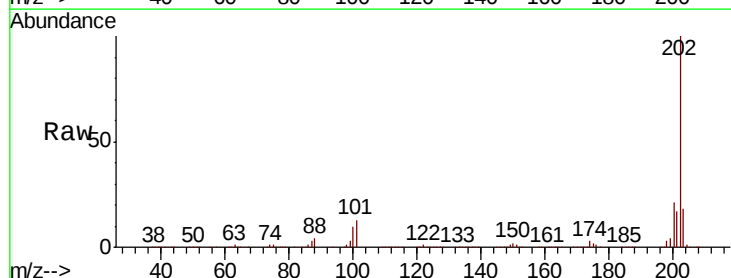
Instrument :
BNA_F
ClientSampleId :

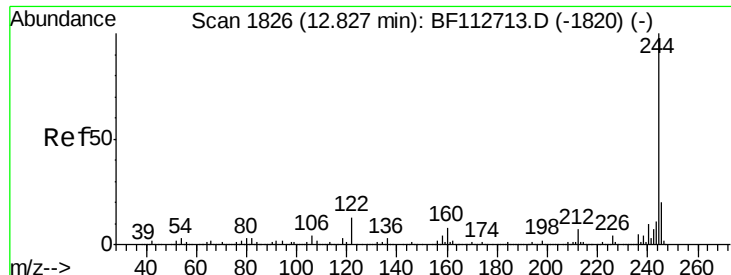
Tgt Ion:184 Resp: 1051979
Ion Ratio Lower Upper
184 100
185 17.3 12.6 18.8
183 11.2 8.6 12.8



#78
Pyrene
Concen: 36.747 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion:202 Resp: 1817251
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.8 14.4 21.6

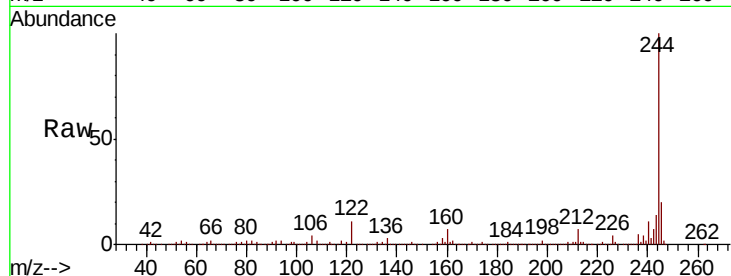




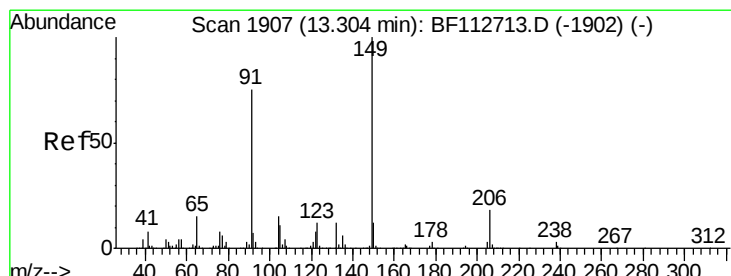
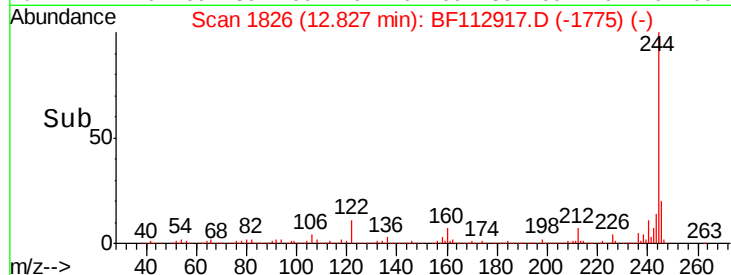
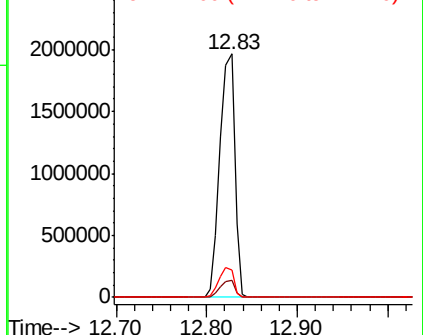
#79
 Terphenyl-d14
 Concen: 74.103 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:244 Resp: 2242442
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.1 10.5 15.7

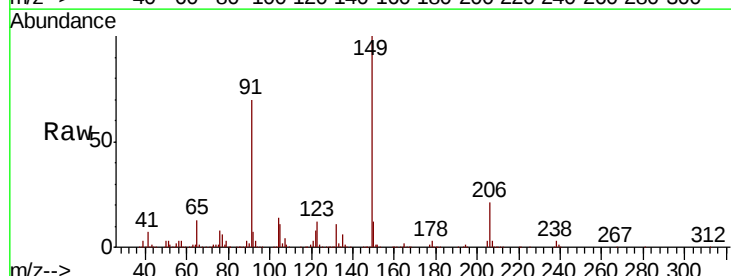


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

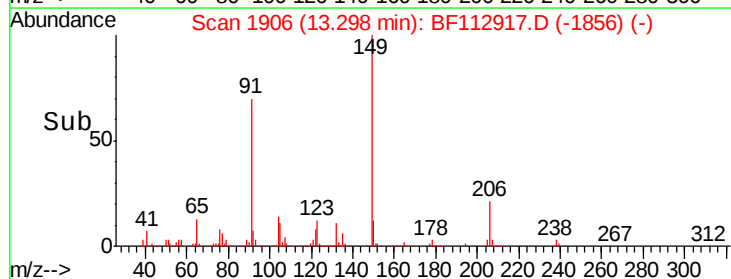
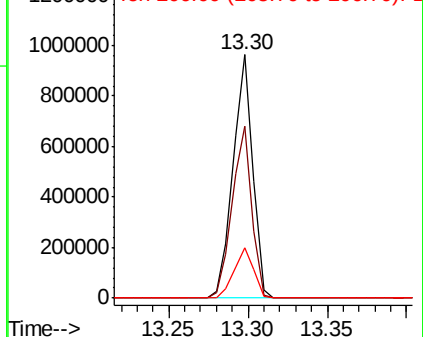


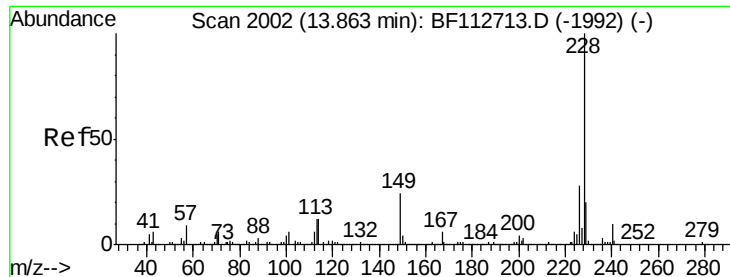
#80
 Butylbenzylphthalate
 Concen: 37.992 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Tgt Ion:149 Resp: 829320
 Ion Ratio Lower Upper
 149 100
 91 70.4 59.9 89.9
 206 20.6 14.7 22.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.611 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

ClientSampleId :

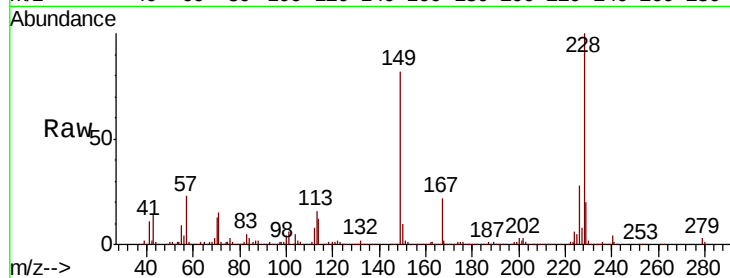
Tgt Ion:228 Resp: 1366523

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.4

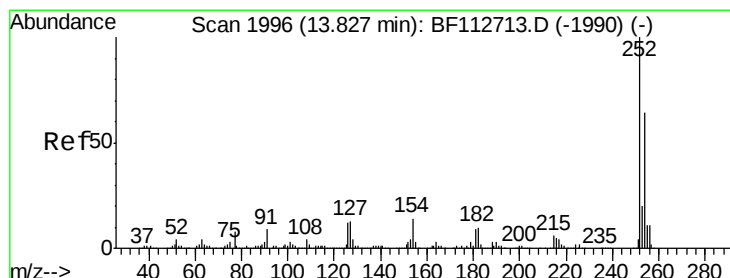
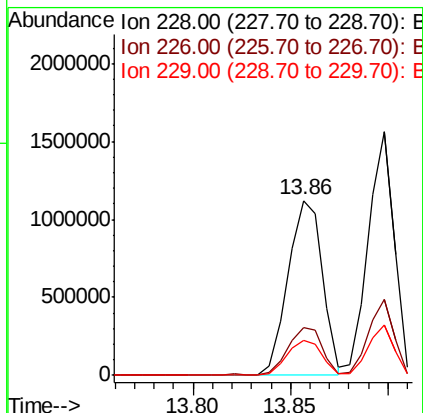
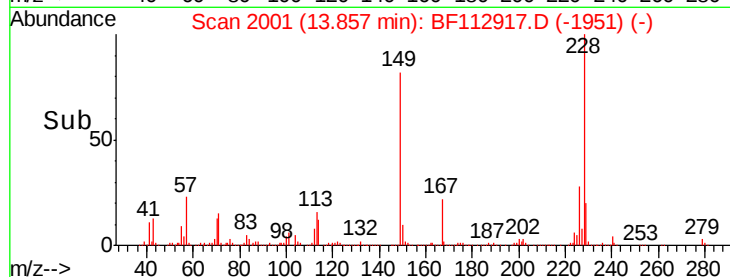
229 19.9 16.0 24.0



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: 36.083 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

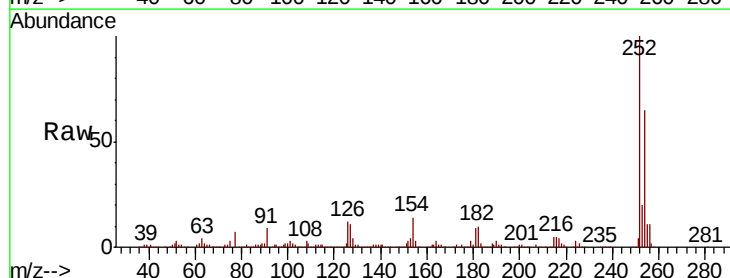
Tgt Ion:252 Resp: 554819

Ion Ratio Lower Upper

252 100

254 64.8 51.1 76.7

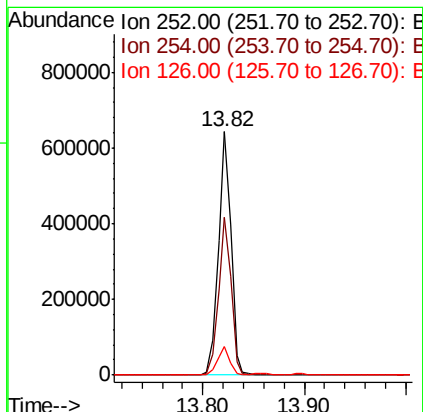
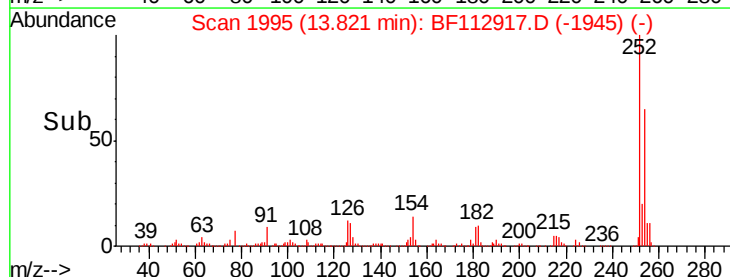
126 11.6 9.9 14.9

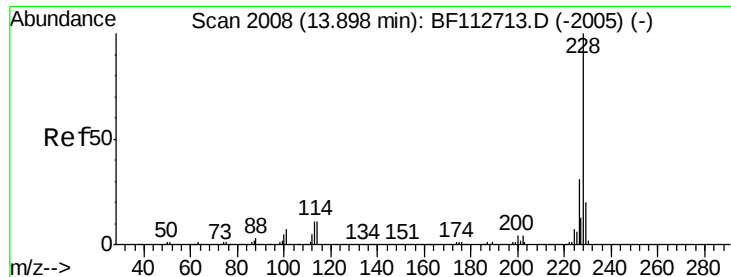


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

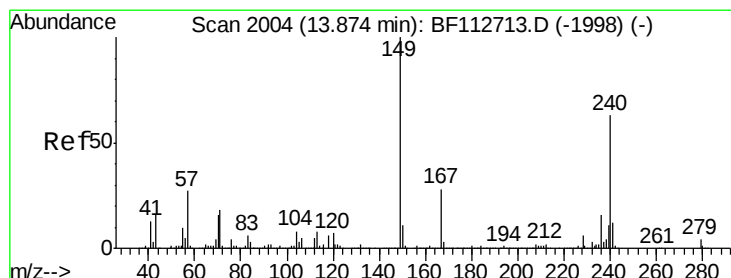
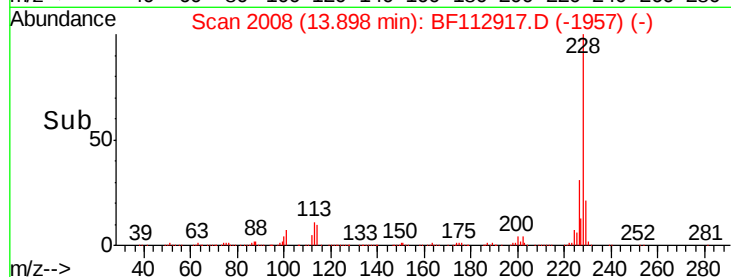
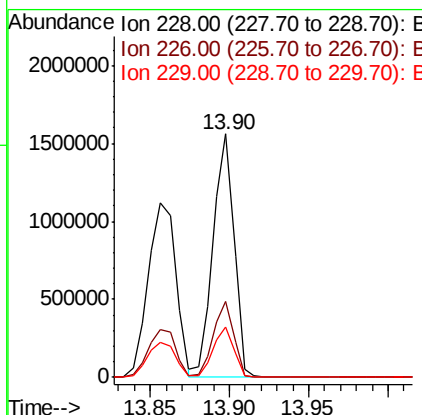
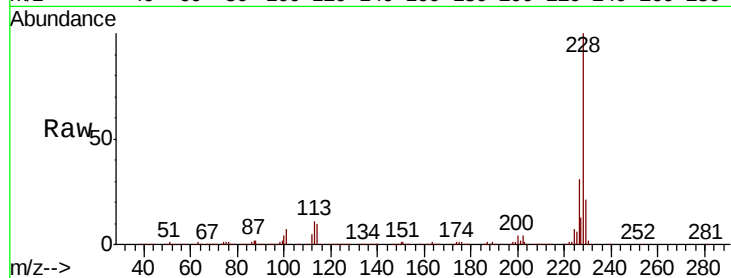




#83
 Chrysene
 Concen: 36.220 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

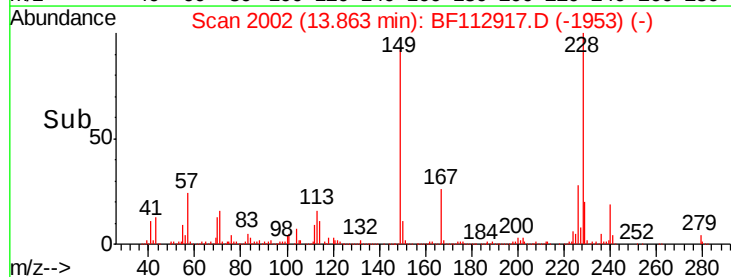
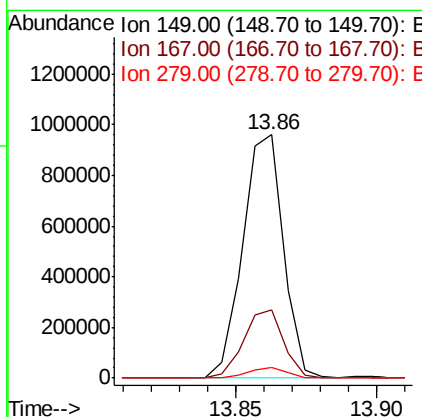
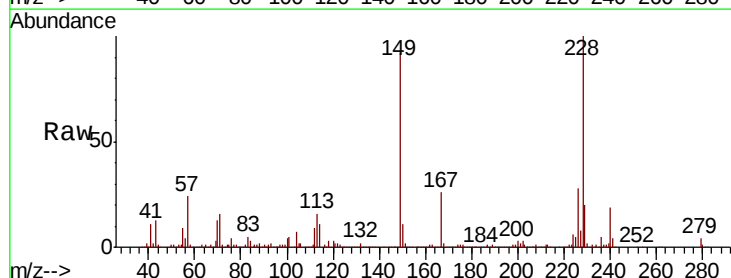
Instrument :
 BNA_F
 ClientSampleId :

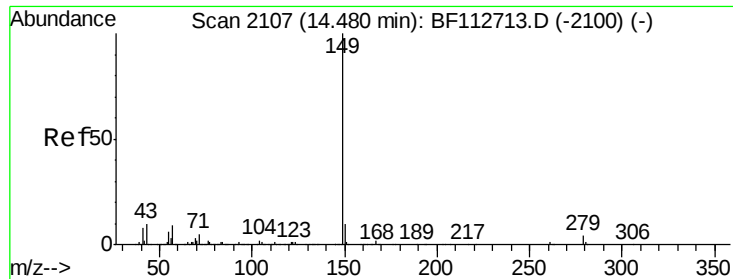
Tgt Ion: 228 Resp: 1442440
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.9 37.3
 229 20.5 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.409 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF112917.D
 Acq: 7 Mar 2019 13:17

Tgt Ion: 149 Resp: 957829
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.4 33.6
 279 4.6 3.3 4.9

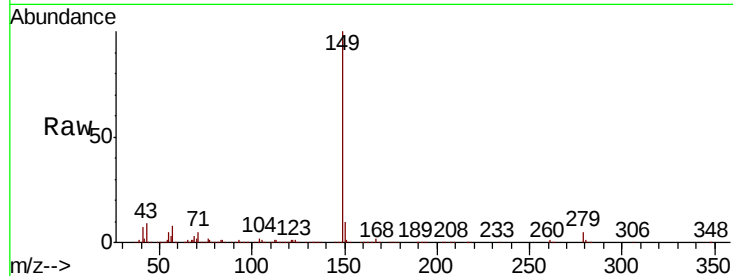




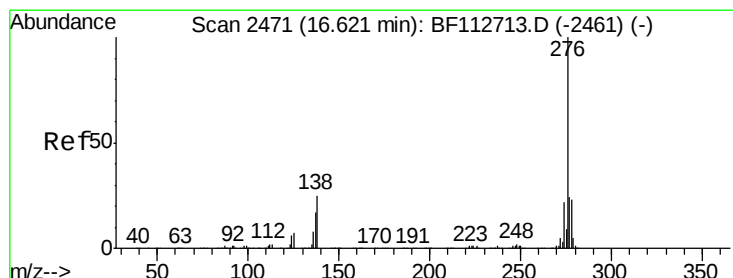
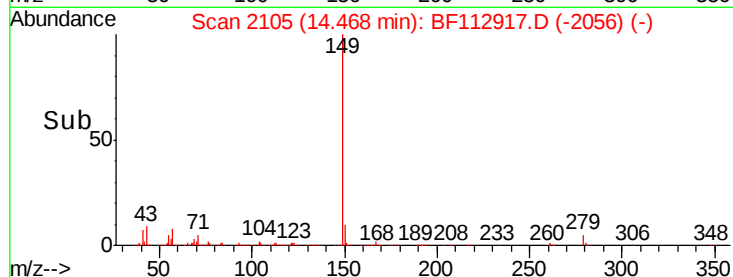
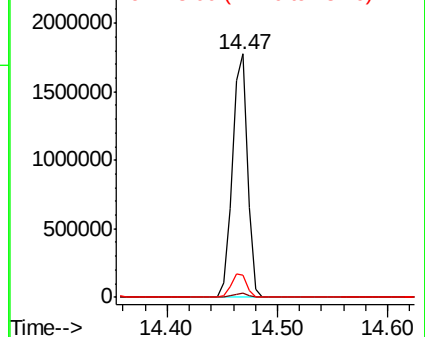
#85
Di-n-octyl phthalate
Concen: 38.965 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1713132
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.8 9.0 13.4

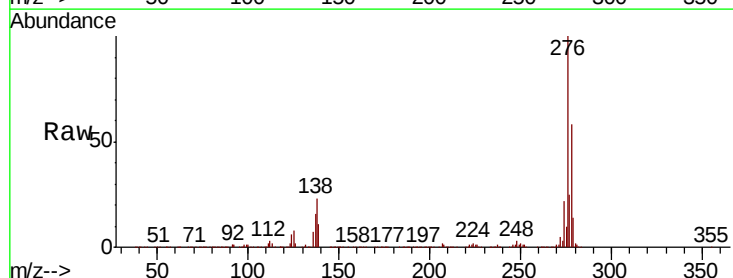


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

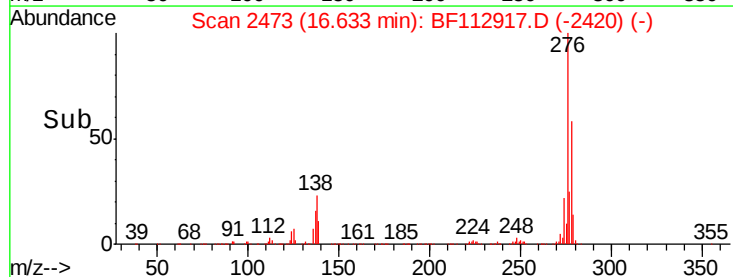
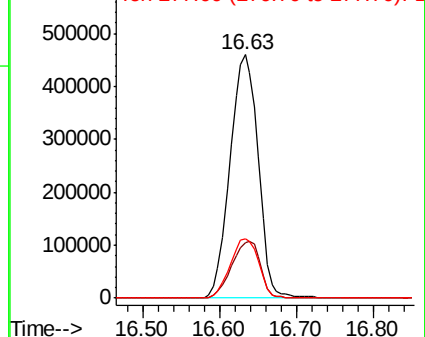


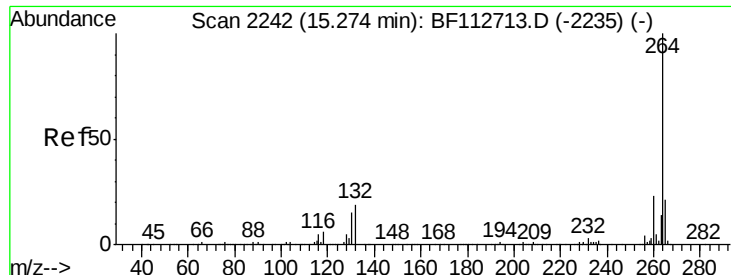
#86
Indeno(1,2,3-cd)pyrene
Concen: 34.678 ng
RT: 16.63 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion:276 Resp: 1177363
Ion Ratio Lower Upper
276 100
138 24.1 23.2 34.8
277 24.9 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

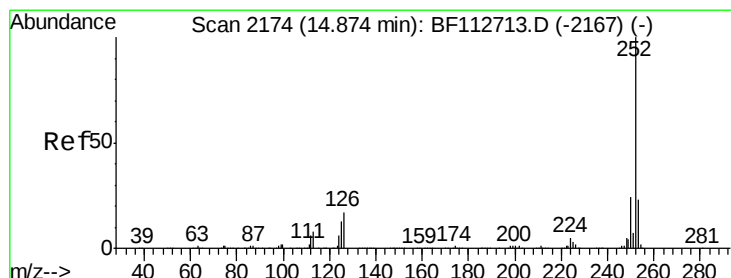
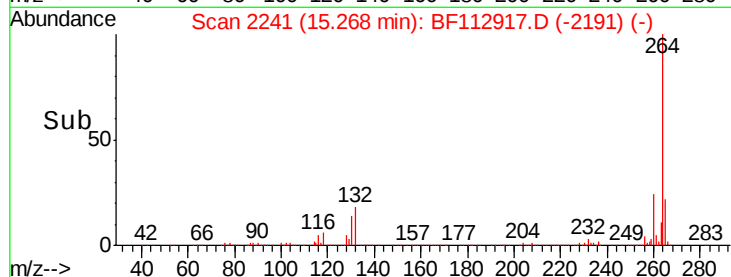
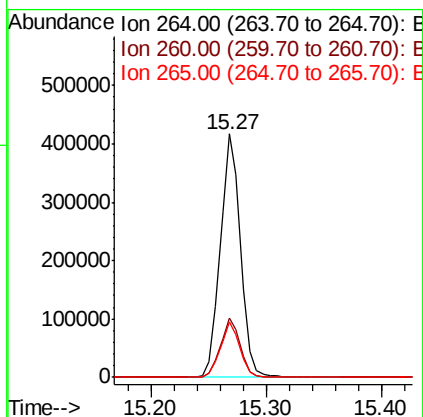
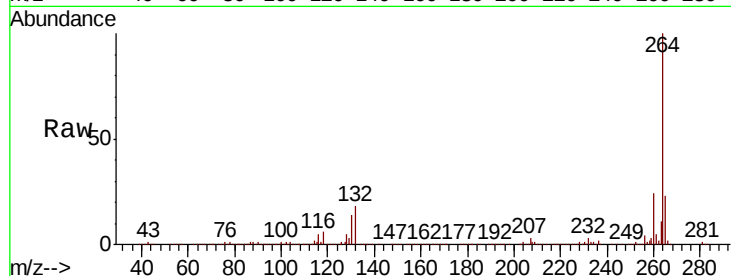




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

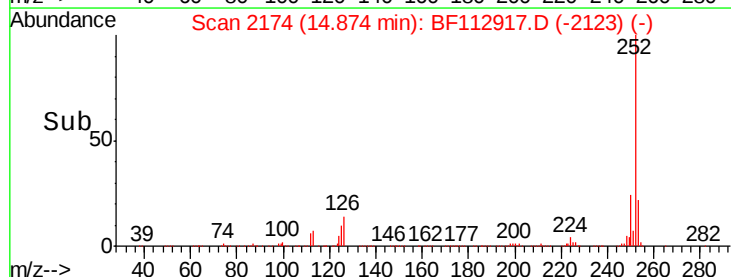
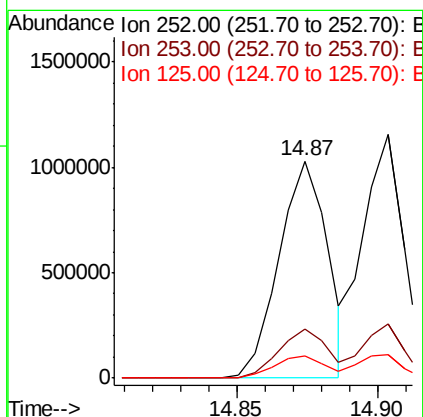
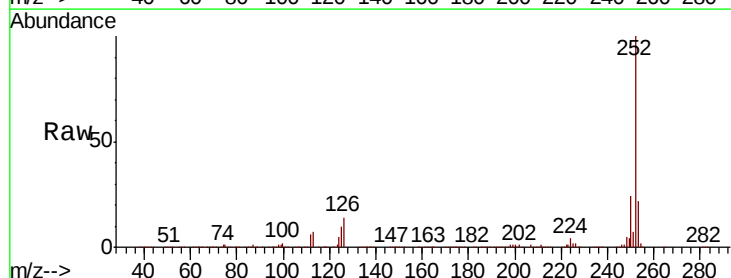
Instrument :
BNA_F
ClientSampleId :

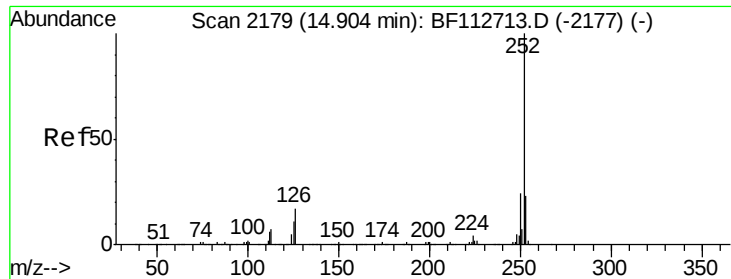
Tgt Ion:264 Resp: 500819
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 22.6 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 38.064 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion:252 Resp: 1233058
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 10.3 10.2 15.2

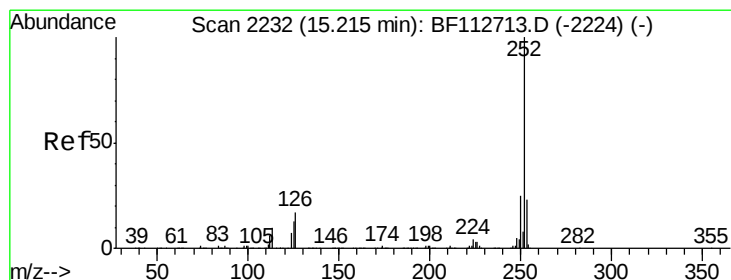
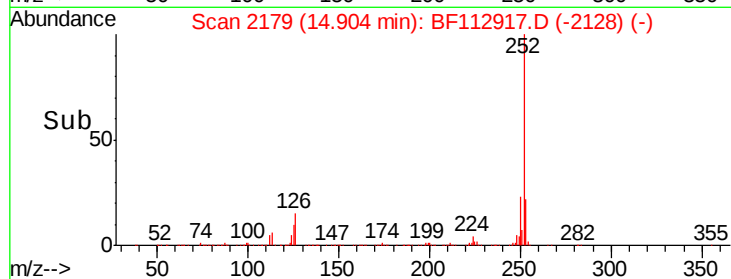
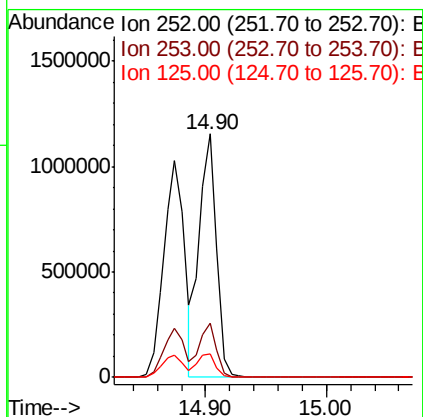
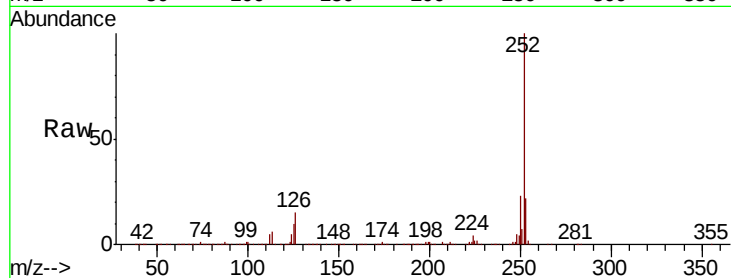




#89
Benzo(k)fluoranthene
Concen: 39.338 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

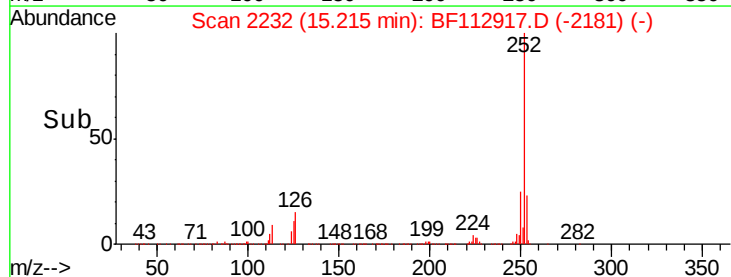
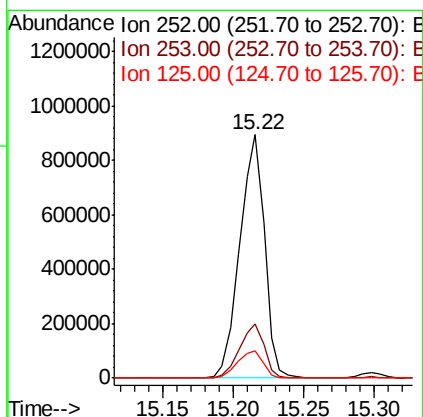
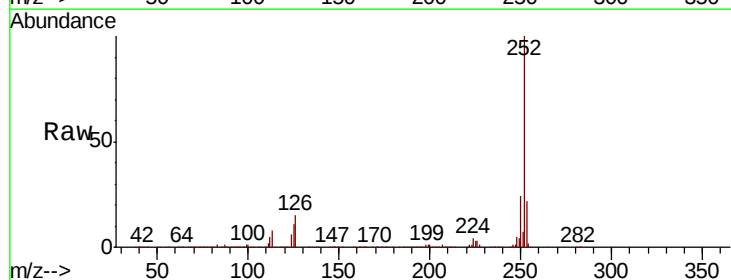
Instrument :
BNA_F
ClientSampleId :

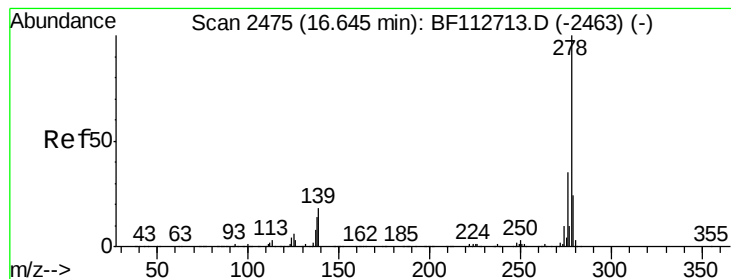
Tgt Ion:252 Resp: 1154291
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 9.8 9.8 14.6



#90
Benzo(a)pyrene
Concen: 38.178 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF112917.D
Acq: 7 Mar 2019 13:17

Tgt Ion:252 Resp: 1093918
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 11.0 10.7 16.1





#91

Dibenzo(a,h)anthracene

Concen: 39.290 ng

RT: 16.64 min Scan# 2475

Delta R.T. 0.00 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

Instrument :

BNA_F

ClientSampleId :

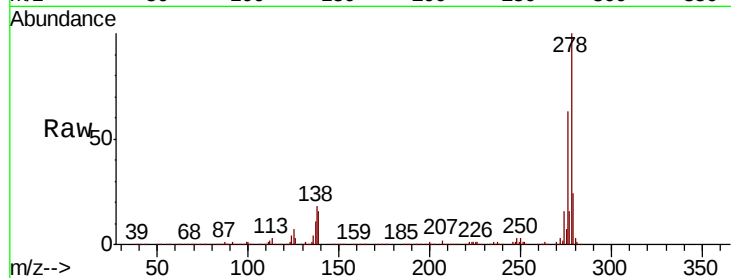
Tgt Ion:278 Resp: 960668

Ion Ratio Lower Upper

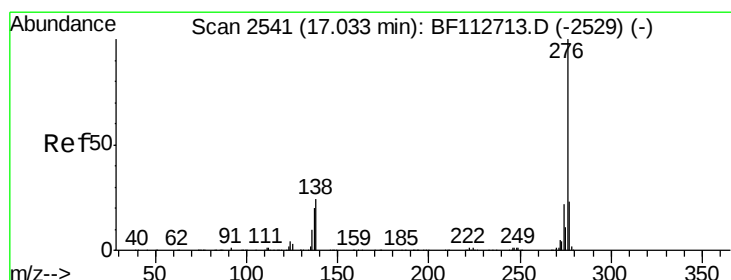
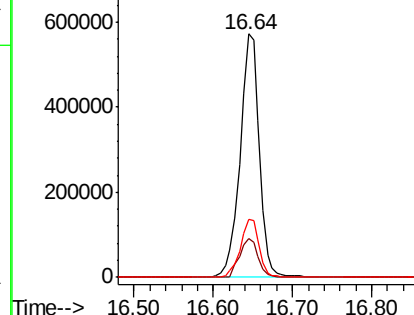
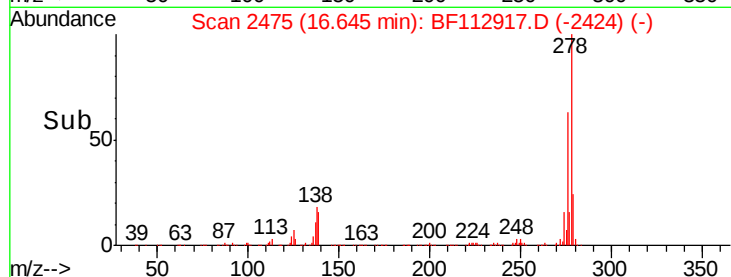
278 100

139 16.0 14.3 21.5

279 23.8 19.4 29.0



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



#92

Benzo(g,h,i)perylene

Concen: 41.138 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF112917.D

Acq: 7 Mar 2019 13:17

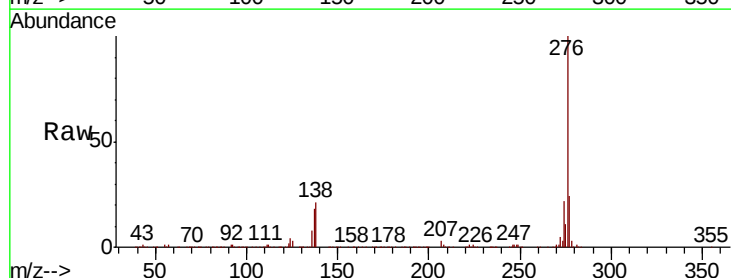
Tgt Ion:276 Resp: 1010000

Ion Ratio Lower Upper

276 100

277 23.6 18.6 27.8

138 21.5 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

