

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106718.D
 Acq On : 22 Jun 2018 19:43
 Operator : JU/SJ
 Sample : J3573-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 22:23:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	54442	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	207850	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	113042	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	229205	20.00	ng	0.00
75) Chrysene-d12	14.15	240	167641	20.00	ng	0.00
86) Perylene-d12	15.68	264	154704	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	386552	120.23	ng	0.00
7) Phenol-d6	6.61	99	497282	123.85	ng	0.00
23) Nitrobenzene-d5	7.53	82	333840	89.26	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	197095	150.43	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	583729	87.91	ng	0.00
78) Terphenyl-d14	13.08	244	730880	105.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	49568	29.988	ng	97
3) Pyridine	3.63	79	151133	33.714	ng	96
4) n-Nitrosodimethylamine	3.60	42	66974	35.176	ng	86
6) Aniline	6.63	93	199179	36.571	ng	97
8) 2-Chlorophenol	6.75	128	145527	41.268	ng	99
9) Benzaldehyde	6.51	77	71499	23.355	ng	99
10) Phenol	6.62	94	188875	41.220	ng	# 72
11) bis(2-Chloroethyl)ether	6.70	93	149700	39.574	ng	98
12) 1,3-Dichlorobenzene	6.90	146	168435	40.781	ng	99
13) 1,4-Dichlorobenzene	6.98	146	167669	40.154	ng	99
14) 1,2-Dichlorobenzene	7.13	146	158251	41.353	ng	98
15) Benzyl Alcohol	7.10	79	133126	41.293	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	214983	43.316	ng	87
17) 2-Methylphenol	7.22	107	131094	43.441	ng	# 94
18) Hexachloroethane	7.47	117	58534	39.863	ng	# 83
19) n-Nitroso-di-n-propylamine	7.37	70	101343	38.292	ng	93
20) 3+4-Methylphenols	7.37	107	149090	46.074	ng	# 73
22) Acetophenone	7.37	105	196945	42.353	ng	# 93
24) Nitrobenzene	7.55	77	161502	42.295	ng	98
25) Isophorone	7.78	82	312843	47.468	ng	100
26) 2-Nitrophenol	7.86	139	85803	47.600	ng	98
27) 2,4-Dimethylphenol	7.90	122	143627	51.550	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	195638	44.211	ng	98
29) 2,4-Dichlorophenol	8.11	162	140872	48.295	ng	92
30) 1,2,4-Trichlorobenzene	8.18	180	153317	47.712	ng	96
31) Naphthalene	8.27	128	431941	44.449	ng	99
32) Benzoic acid	8.00	122	31659	19.487	ng	98
33) 4-Chloroaniline	8.31	127	153986	37.765	ng	99
34) Hexachlorobutadiene	8.37	225	98672	47.126	ng	99
35) Caprolactam	8.70	113	28812	30.302	ng	98
36) 4-Chloro-3-methylphenol	8.81	107	150648	49.067	ng	96
37) 2-Methylnaphthalene	8.96	142	321704	49.946	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	168155	44.171	ng	# 96
40) Hexachlorocyclopentadiene	9.11	237	160140	81.761	ng	97

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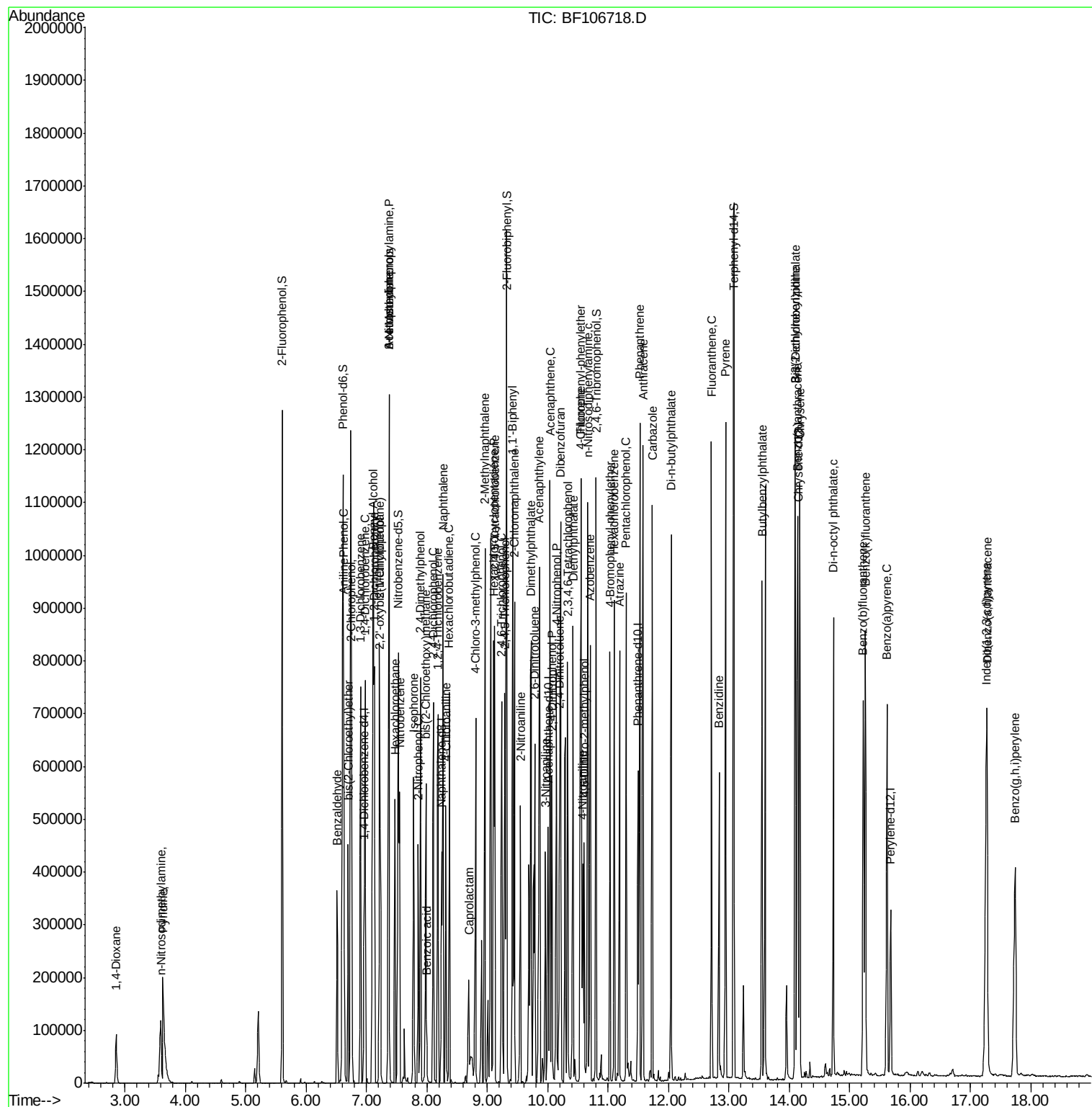
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	109598	43.311	nq	96
43) 2,4,5-Trichlorophenol	9.29	196	115491	43.738	nq	# 87
45) 1,1'-Biphenyl	9.42	154	390999	43.401	nq	98
46) 2-Chloronaphthalene	9.45	162	293217	41.349	nq	97
47) 2-Nitroaniline	9.55	65	98360	41.248	nq	96
48) Acenaphthylene	9.87	152	470842	42.056	nq	99
49) Dimethylphthalate	9.72	163	446345	52.646	nq	98
50) 2,6-Dinitrotoluene	9.79	165	85756	47.767	nq	89
51) Acenaphthene	10.04	154	282870	40.123	nq	98
52) 3-Nitroaniline	9.96	138	73781	35.713	nq	100
53) 2,4-Dinitrophenol	10.07	184	85278	90.600	nq	# 18
54) Dibenzofuran	10.21	168	435505	45.113	nq	97
55) 4-Nitrophenol	10.14	139	113052	78.397	nq	97
56) 2,4-Dinitrotoluene	10.20	165	115626	49.342	nq	91
57) Fluorene	10.55	166	339353	44.299	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	108461	51.673	nq	# 79
59) Diethylphthalate	10.42	149	345430	42.213	nq	# 93
60) 4-Chlorophenyl-phenylether	10.54	204	178678	44.578	nq	# 86
61) 4-Nitroaniline	10.58	138	88343	43.088	nq	97
62) Azobenzene	10.70	77	334870	41.556	nq	96
64) 4,6-Dinitro-2-methylphenol	10.61	198	69140	48.799	nq	# 71
65) n-Nitrosodiphenylamine	10.67	169	306200	39.718	nq	98
66) 4-Bromophenyl-phenylether	11.04	248	125767	45.977	nq	# 77
67) Hexachlorobenzene	11.10	284	135334	47.270	nq	# 85
68) Atrazine	11.19	200	113104	46.149	nq	93
69) Pentachlorophenol	11.30	266	123487	86.443	nq	99
70) Phenanthrene	11.52	178	505596	45.735	nq	99
71) Anthracene	11.58	178	524611	46.492	nq	99
72) Carbazole	11.73	167	475501	45.009	nq	98
73) Di-n-butylphthalate	12.04	149	537881	43.217	nq	99
74) Fluoranthene	12.71	202	557487	45.752	nq	96
76) Benzidine	12.84	184	265936	55.701	nq	97
77) Pyrene	12.95	202	551066	49.849	nq	100
79) Butylbenzylphthalate	13.55	149	211399	46.511	nq	# 94
80) Benzo(a)anthracene	14.14	228	472609	46.256	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	137178	38.201	nq	# 96
82) Chrysene	14.18	228	432615	46.024	nq	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	268745	46.249	nq	# 97
84) Di-n-octyl phthalate	14.73	149	429581	45.353	nq	95
85) Indeno(1,2,3-cd)pyrene	17.26	276	467608	58.620	nq	# 90
87) Benzo(b)fluoranthene	15.23	252	425421	44.268	nq	# 95
88) Benzo(k)fluoranthene	15.26	252	394384	43.094	nq	# 96
89) Benzo(a)pyrene	15.62	252	399346	46.744	nq	# 96
90) Dibenzo(a,h)anthracene	17.28	278	378591	52.290	nq	# 93
91) Benzo(g,h,i)perylene	17.74	276	401624	56.752	nq	# 90

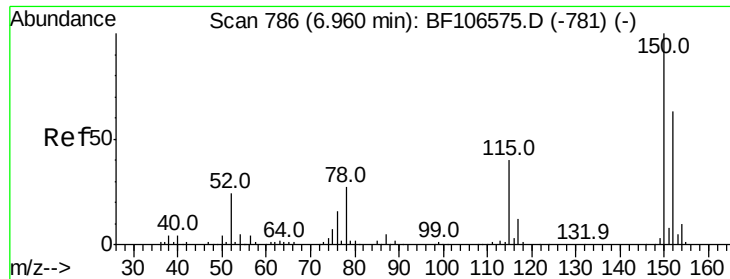
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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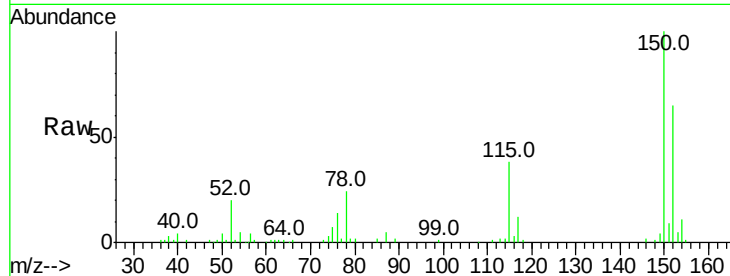


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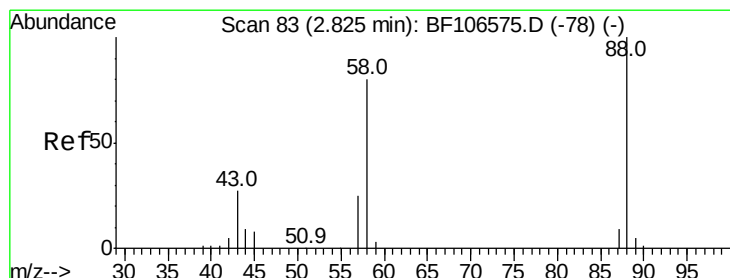
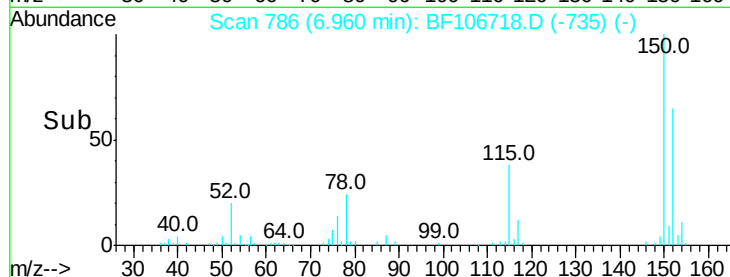
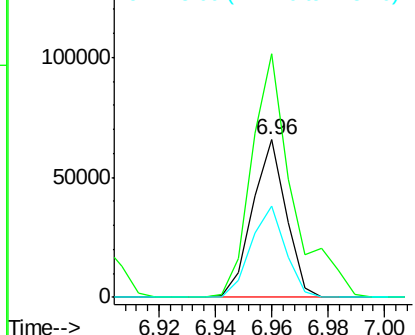
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 54442
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 58.2 50.1 75.1



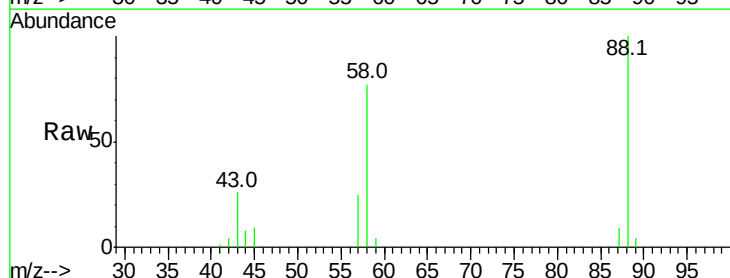
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



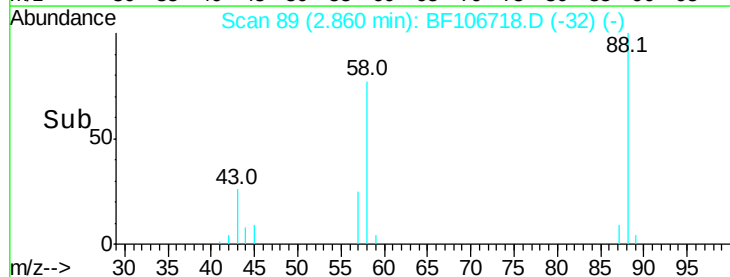
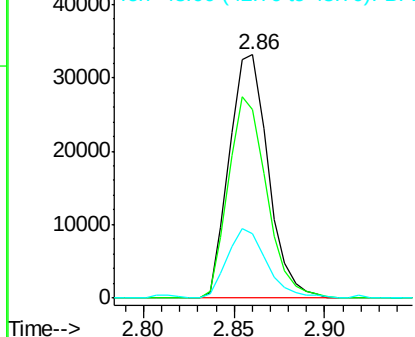
#2

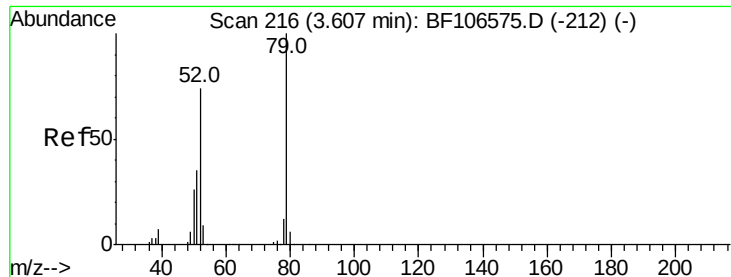
1,4-Dioxane
Concen: 29.988 ng
RT: 2.86 min Scan# 89
Delta R.T. 0.04 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

Tgt Ion: 88 Resp: 49568
Ion Ratio Lower Upper
88 100
58 81.1 62.6 93.8
43 29.0 24.6 37.0



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





#3

Pvridine

Concen: 33.714 ng

RT: 3.63 min Scan# 220

Delta R.T. 0.02 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Instrument :

BNA_F

ClientSampleId :

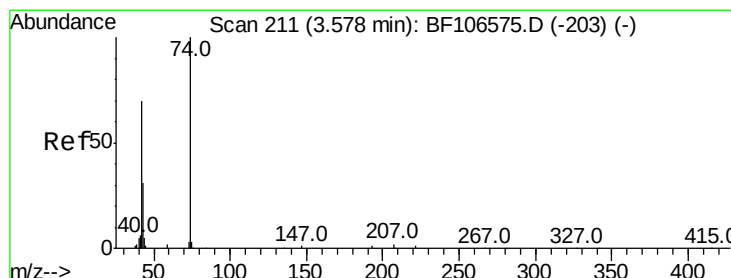
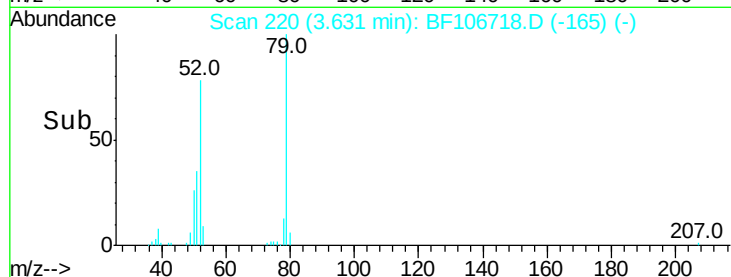
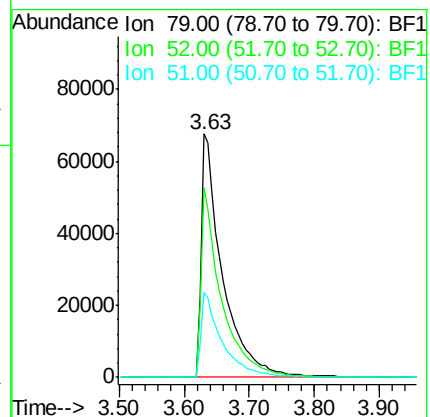
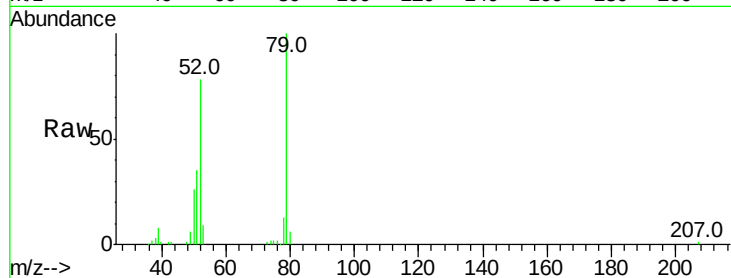
Tot Ion: 79 Resp: 151133

Ion Ratio Lower Upper

79 100

52 77.9 59.8 89.6

51 34.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 35.176 ng

RT: 3.60 min Scan# 214

Delta R.T. 0.02 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

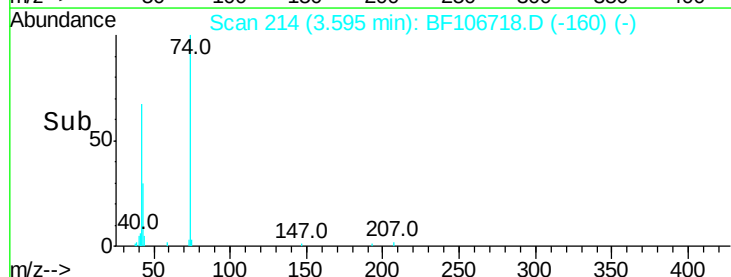
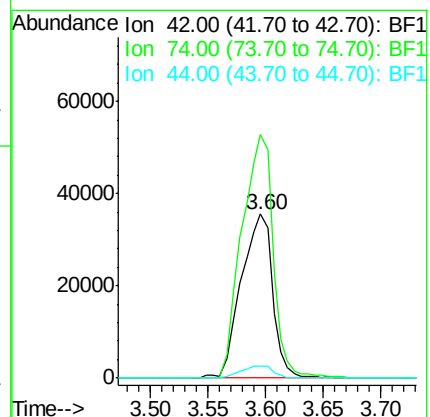
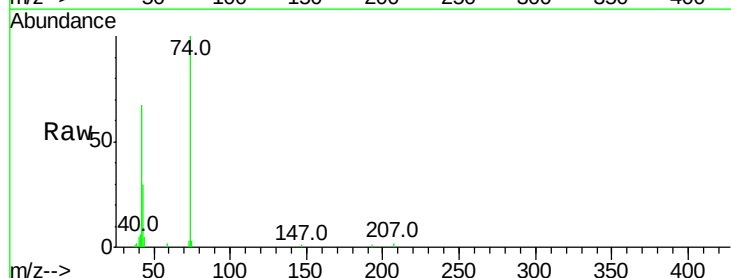
Tgt Ion: 42 Resp: 66974

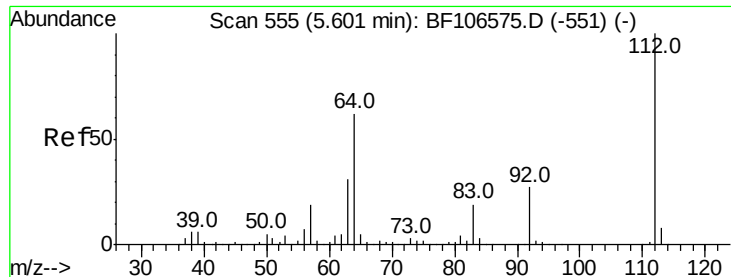
Ion Ratio Lower Upper

42 100

74 148.8 104.9 157.3

44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 120.230 ng

RT: 5.61 min Scan# 556

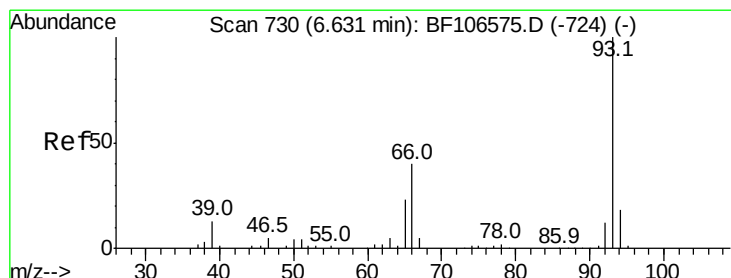
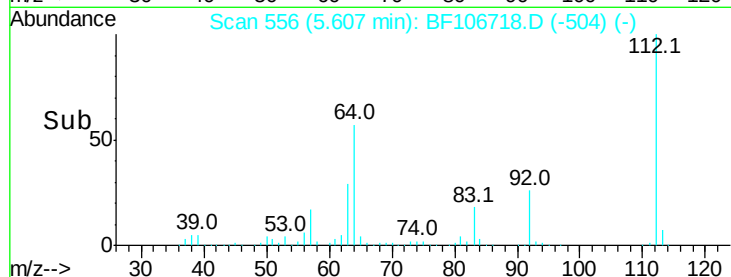
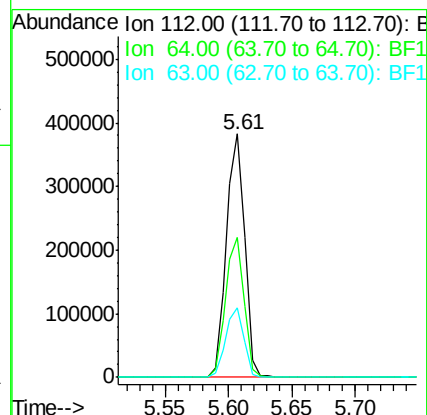
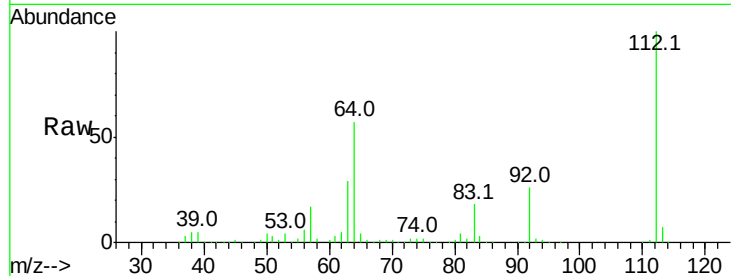
Delta R.T. 0.01 min

Lab File: BF106718.D

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BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	386552
Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	28.6	23.7	35.5



#6

Aniline

Concen: 36.571 ng

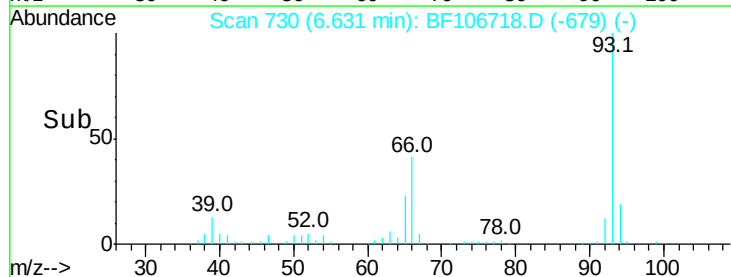
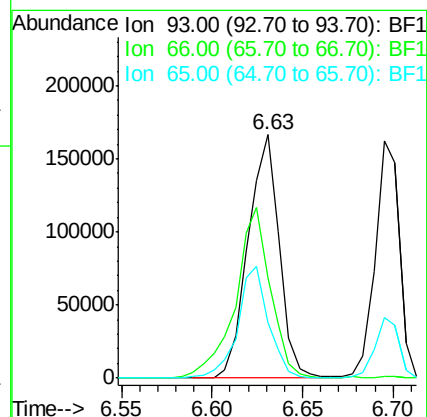
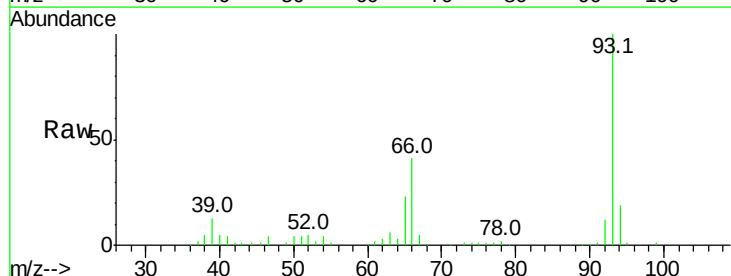
RT: 6.63 min Scan# 730

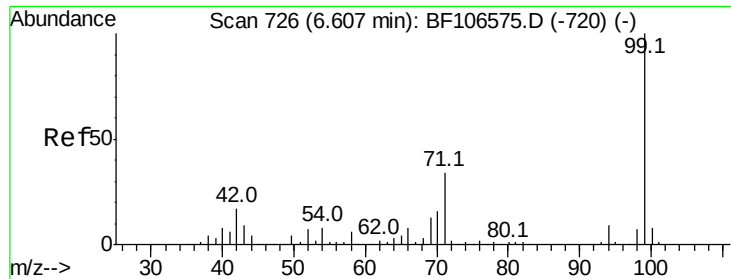
Delta R.T. -0.00 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Tgt Ion:	93	Resp:	199179
Ion	Ratio	Lower	Upper
93	100		
66	41.4	32.2	48.2
65	22.9	16.4	24.6





#7

Phenol-d6

Concen: 123.855 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Instrument :

BNA_F

ClientSampled :

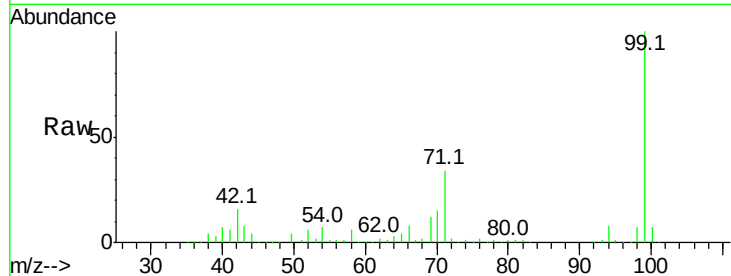
Tot Ion: 99 Resp: 497282

Ion Ratio Lower Upper

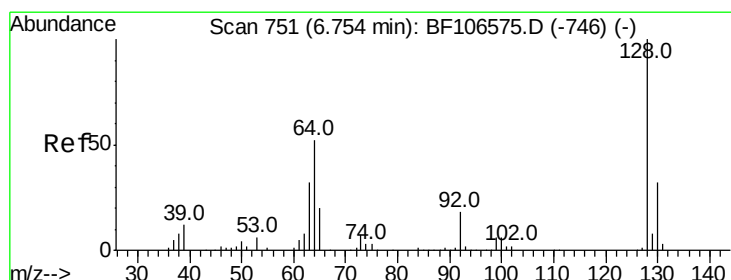
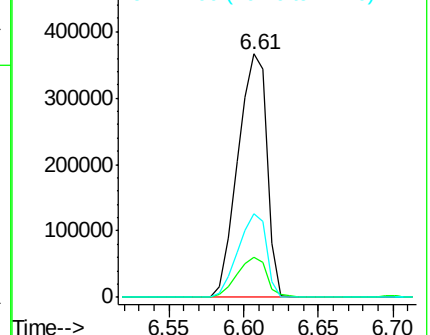
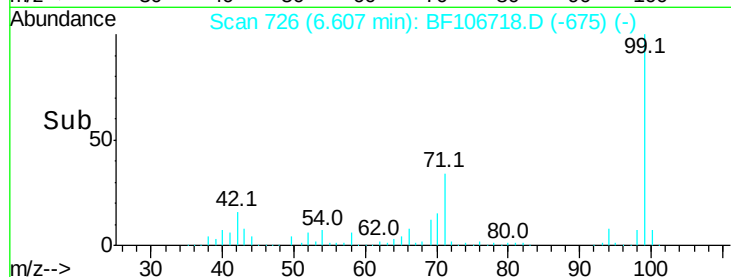
99 100

42 16.4 14.5 21.7

71 34.3 25.4 38.0



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: 41.268 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.00 min

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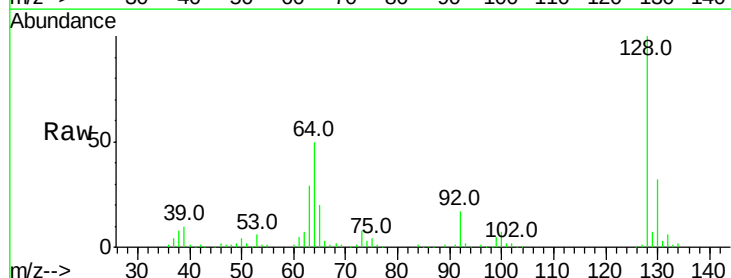
Tgt Ion: 128 Resp: 145527

Ion Ratio Lower Upper

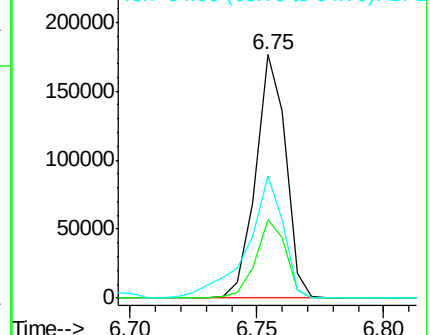
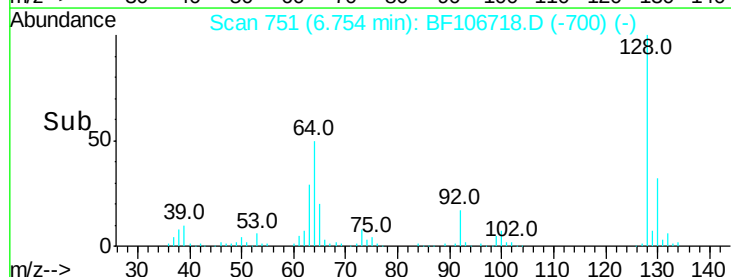
128 100

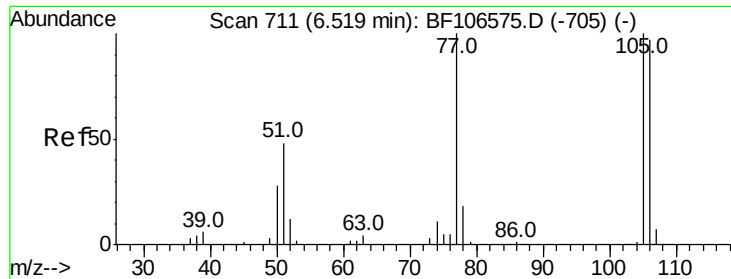
130 32.2 13.0 53.0

64 50.3 29.4 69.4



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: 23.355 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF106718.D

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ClientSampled :

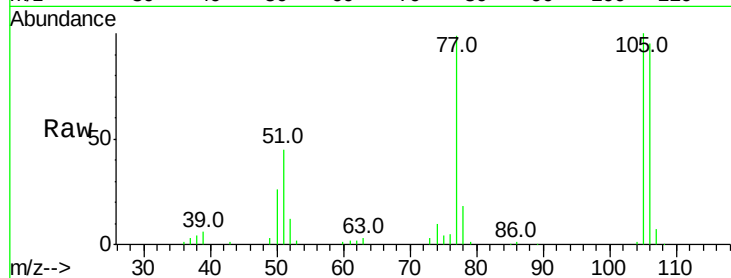
Tot Ion: 77 Resp: 71499

Ion Ratio Lower Upper

77 100

105 100.8 81.1 121.1

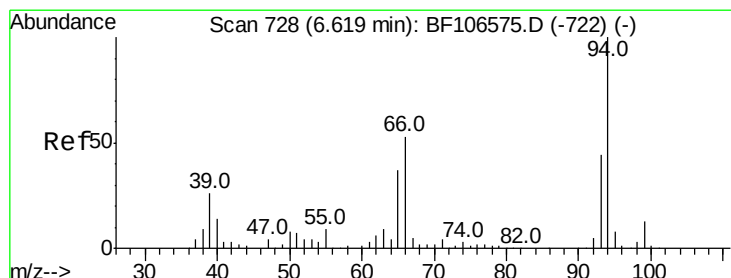
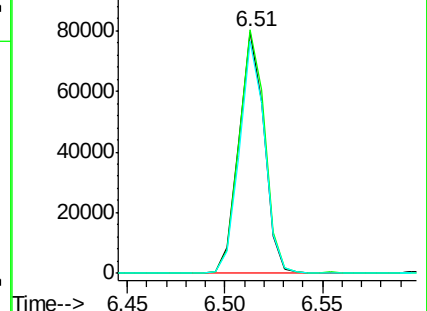
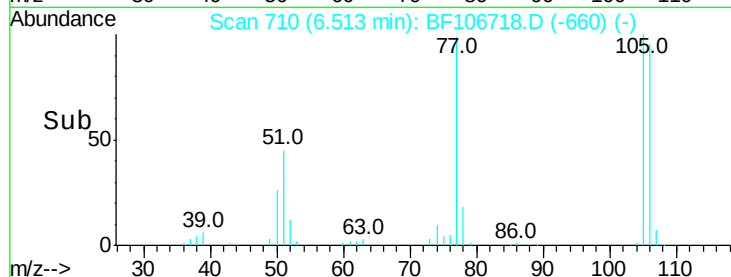
106 95.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.220 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

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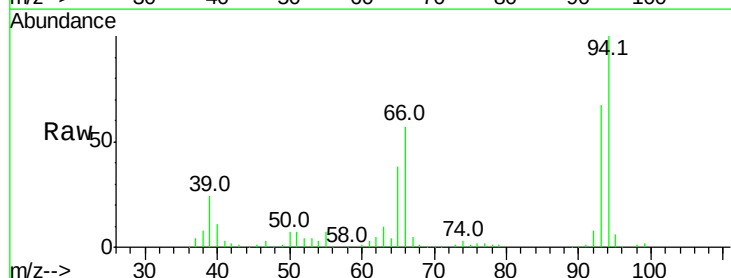
Tgt Ion: 94 Resp: 188875

Ion Ratio Lower Upper

94 100

65 37.8 7.9 47.9

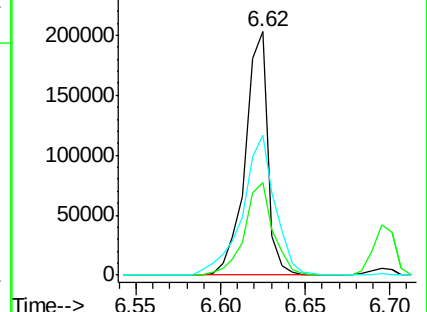
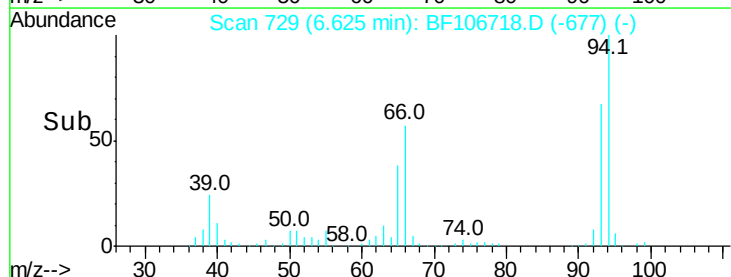
66 57.3 16.2 56.2#

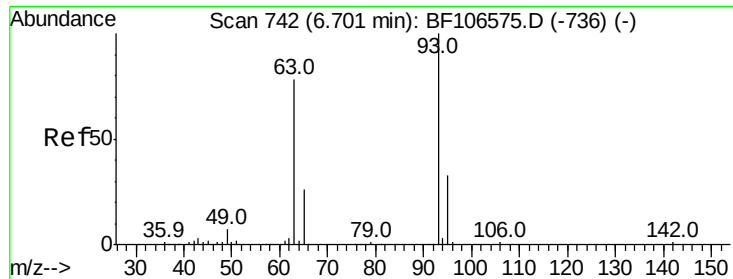


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.574 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Instrument :

BNA_F

ClientSampleId :

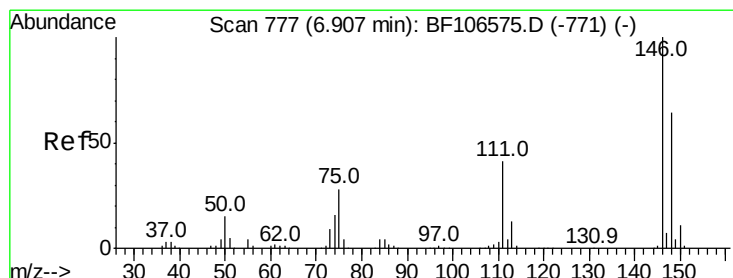
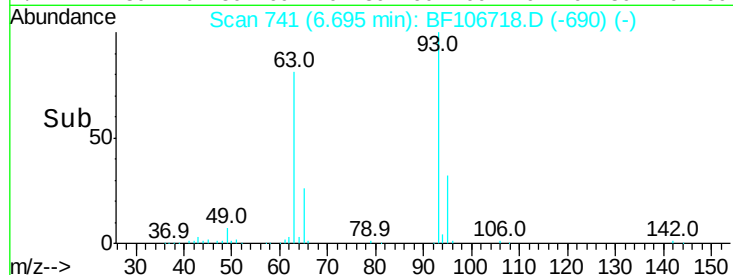
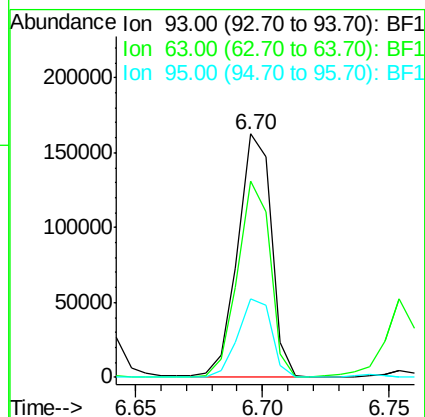
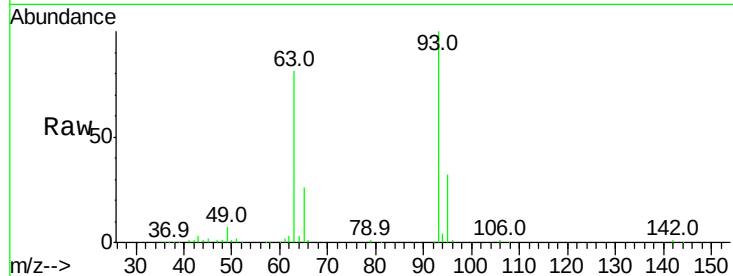
Tot Ion: 93 Resp: 149700

Ion Ratio Lower Upper

93 100

63 80.7 58.6 98.6

95 32.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.781 ng

RT: 6.90 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

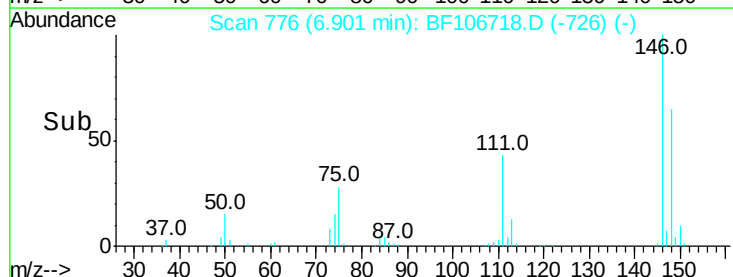
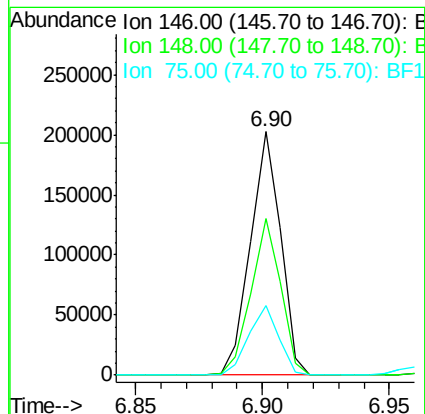
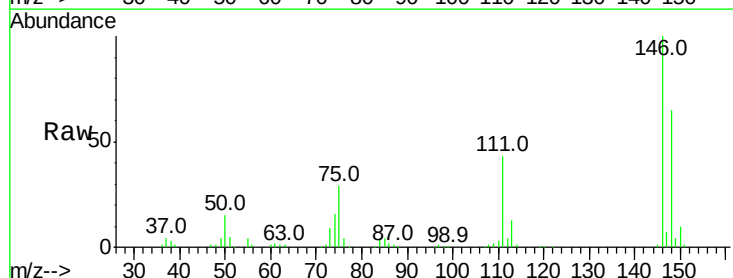
Tgt Ion: 146 Resp: 168435

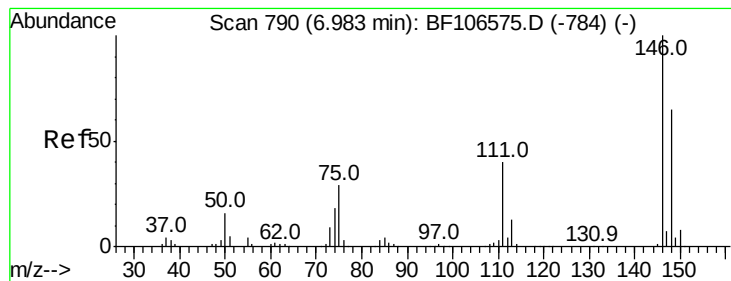
Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.8

75 28.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.154 ng

RT: 6.98 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Instrument :

BNA_F

ClientSampled :

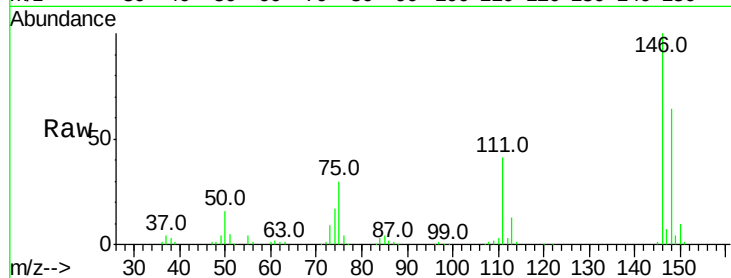
Tot Ion:146 Resp: 167669

Ion Ratio Lower Upper

146 100

148 64.0 50.8 76.2

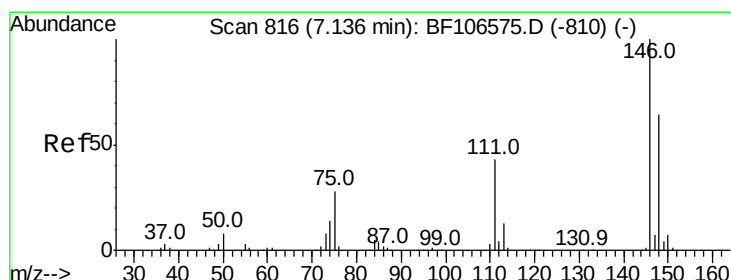
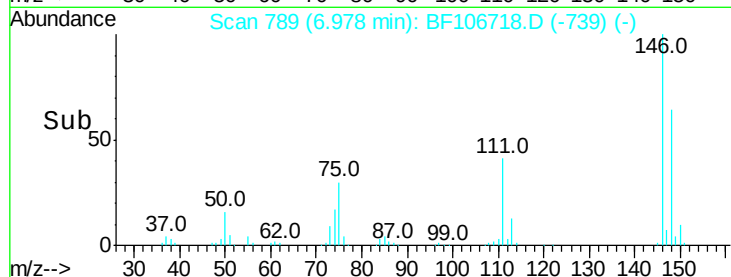
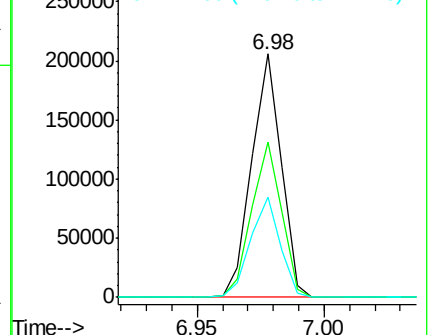
111 41.4 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.353 ng

RT: 7.13 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

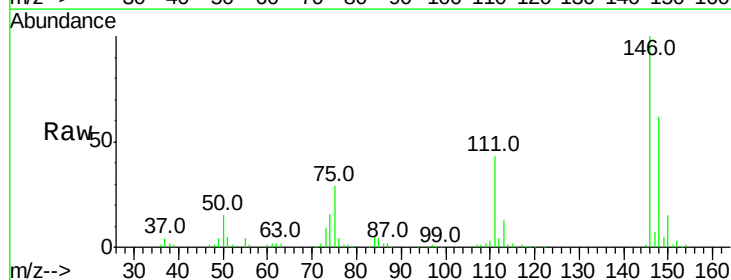
Tgt Ion:146 Resp: 158251

Ion Ratio Lower Upper

146 100

148 62.0 50.6 75.8

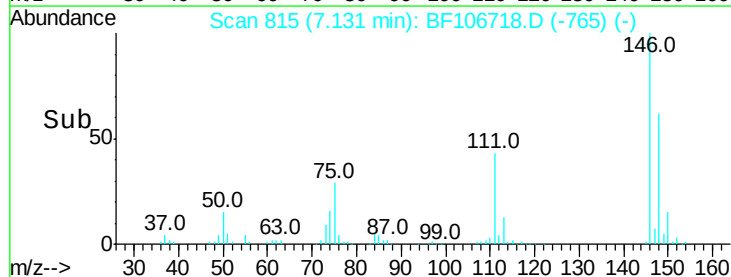
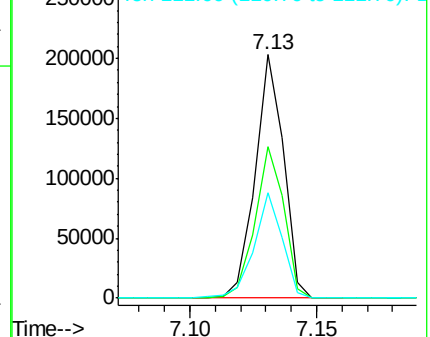
111 43.2 36.0 54.0

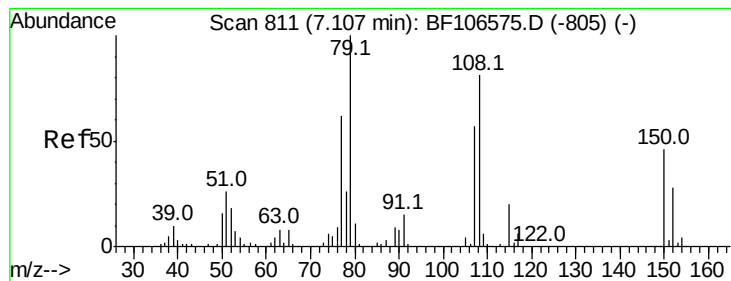


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.293 ng

RT: 7.10 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Instrument :

BNA_F

ClientSampleId :

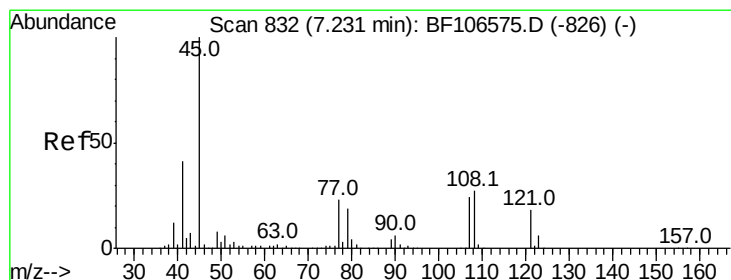
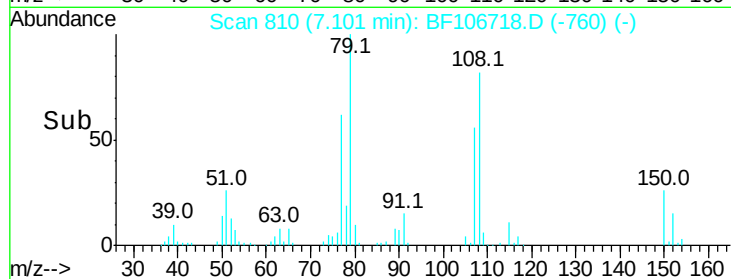
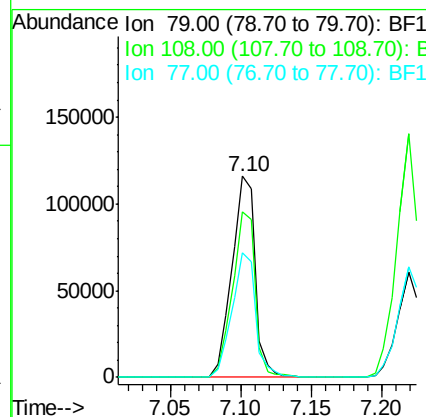
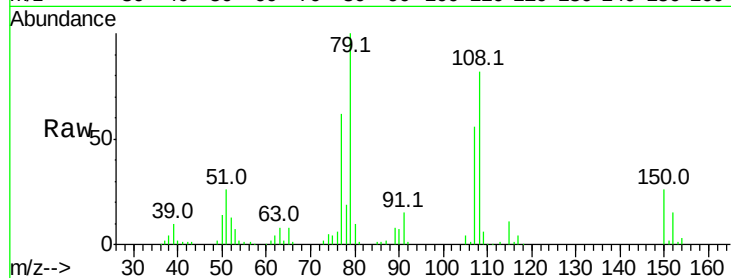
Tot Ion: 79 Resp: 133126

Ion Ratio Lower Upper

79 100

108 82.4 65.1 97.7

77 61.9 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.316 ng

RT: 7.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

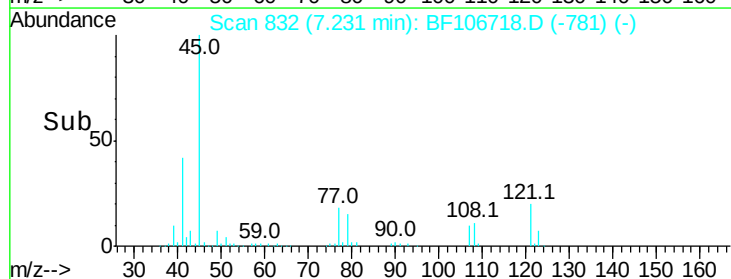
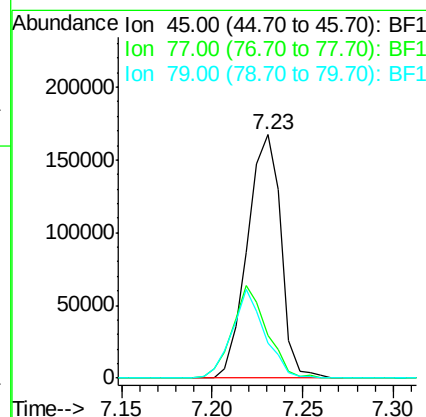
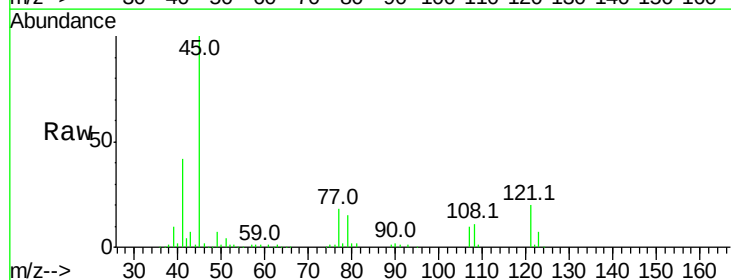
Tgt Ion: 45 Resp: 214983

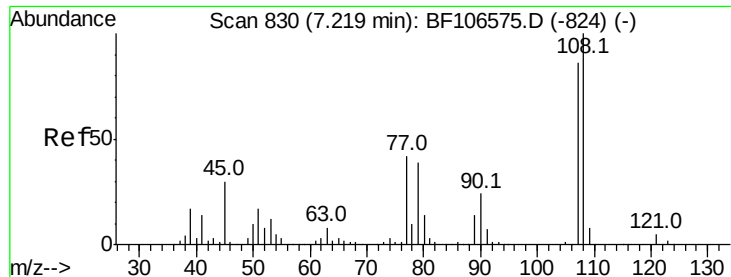
Ion Ratio Lower Upper

45 100

77 17.7 0.0 32.9

79 14.6 0.0 29.6

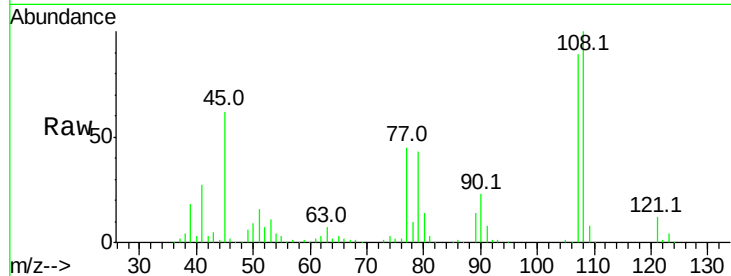




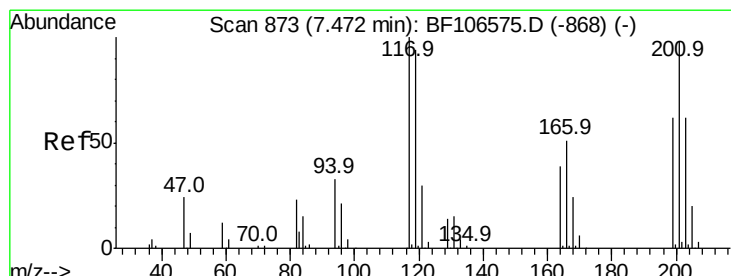
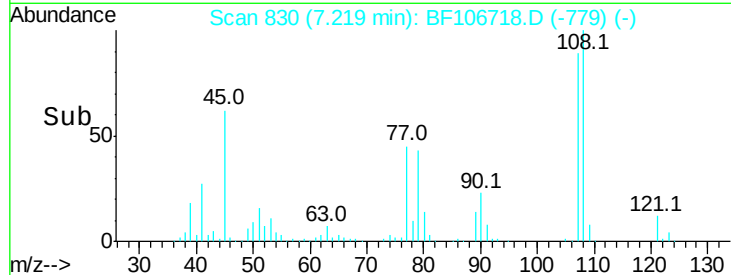
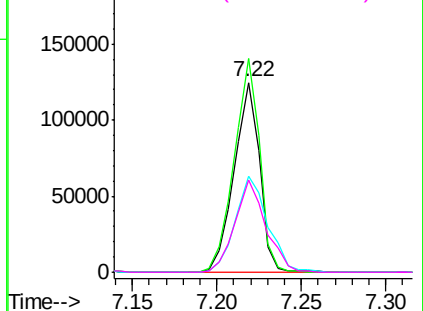
#17
 2-Methylphenol
 Concen: 43.441 ng
 RT: 7.22 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	107	Resp:	131094
Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.7	137.5
77	50.8	33.8	50.8#
79	48.8	33.8	50.8

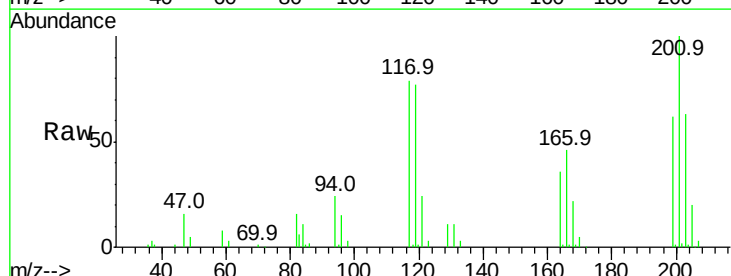


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF1
 Ion 79.00 (78.70 to 79.70): BF1

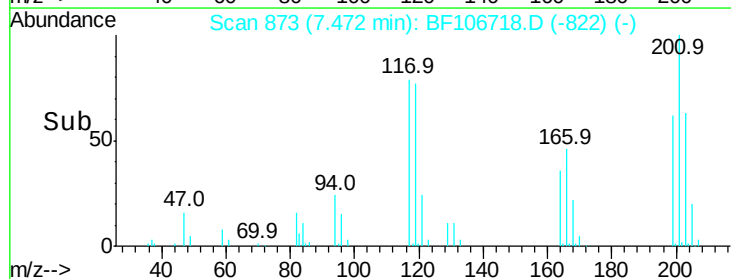
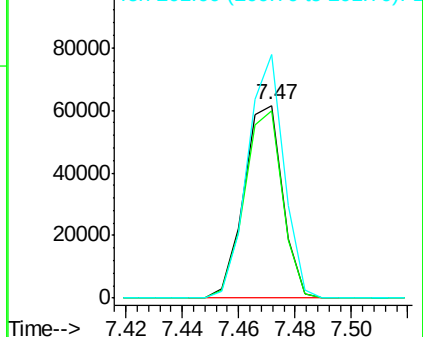


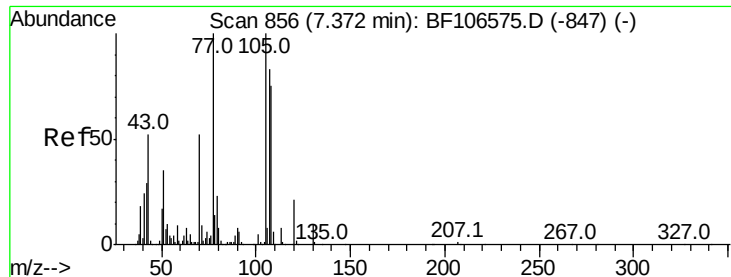
#18
 Hexachloroethane
 Concen: 39.863 ng
 RT: 7.47 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

Tgt Ion:	117	Resp:	58534
Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.8	113.8
201	126.1	75.7	113.5#



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

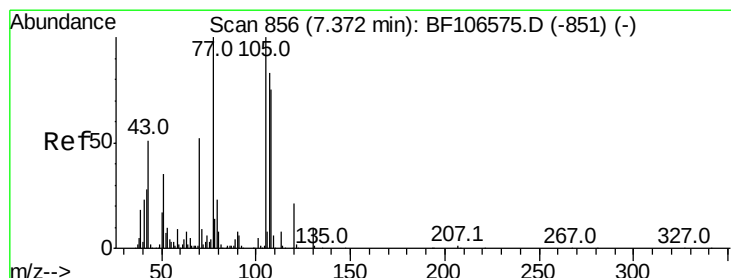
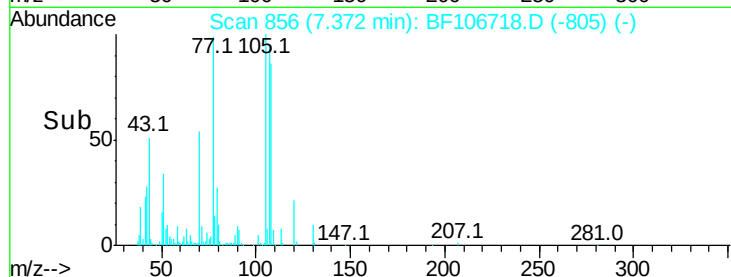
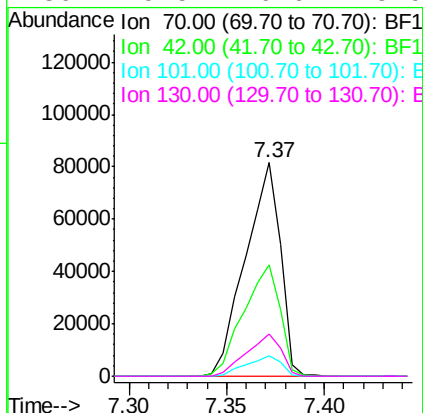
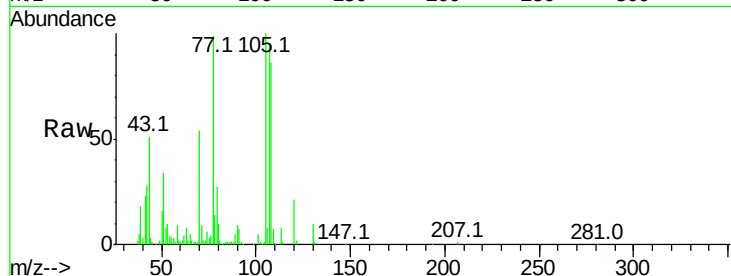




#19
n-Nitroso-di-n-propylamine
Concen: 38.292 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

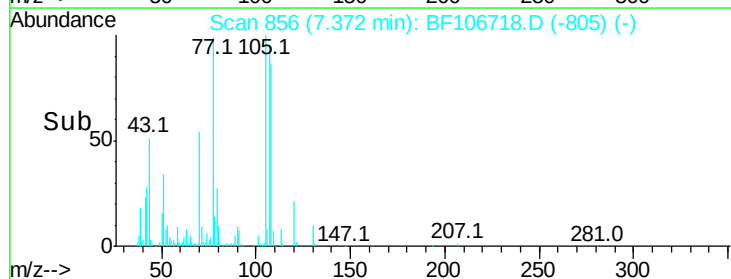
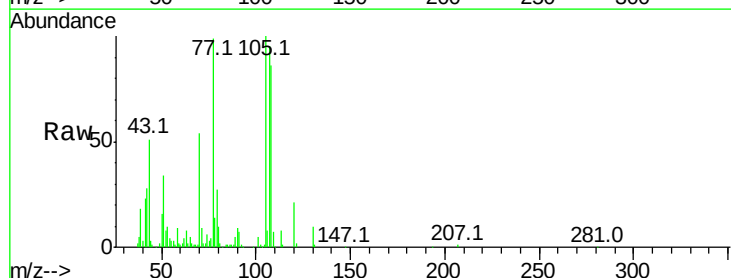
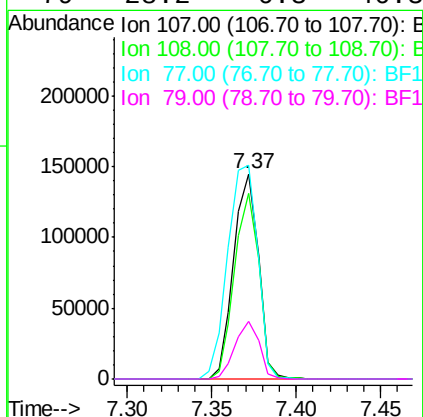
Instrument :
BNA_F
ClientSampleId :

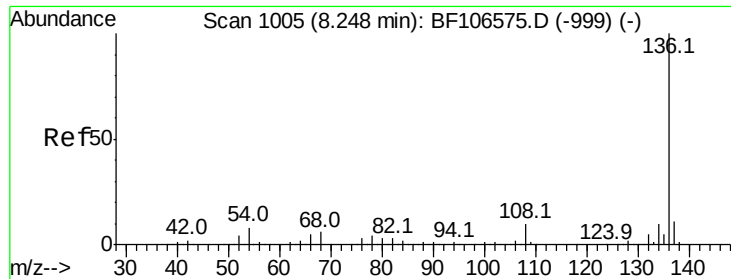
Tot Ion	70	Resp	101343
Ion Ratio	Lower	Upper	
70	100		
42	52.3	47.5	71.3
101	9.8	7.4	11.2
130	19.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 46.074 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

Tgt Ion	107	Resp	149090
Ion Ratio	Lower	Upper	
107	100		
108	90.4	68.2	108.2
77	104.0	26.7	66.7#
79	28.2	6.3	46.3

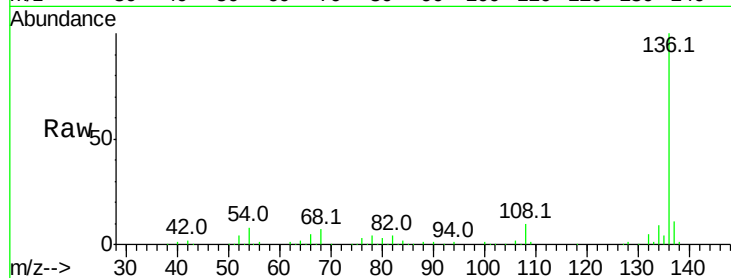




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	207850	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	8.9	13.3	
54 8.2	6.6	9.8	
68 6.8	5.0	7.4	

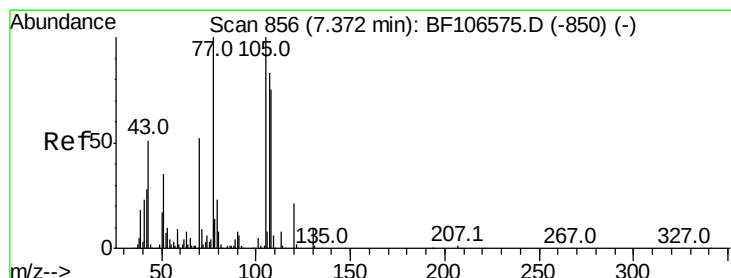
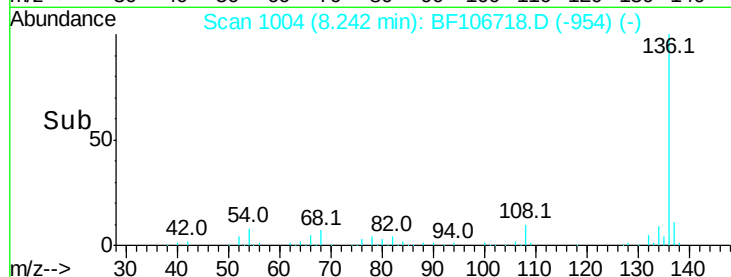
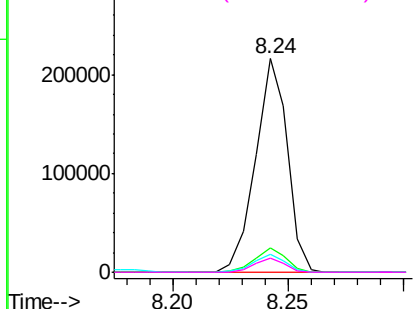


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

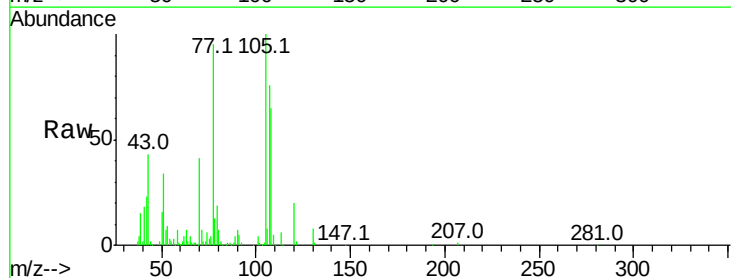
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 42.353 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

Tgt	Ion:105	Resp:	196945
Ion	Ratio	Lower	Upper
105	100		
71	6.8	4.4	6.6#
51	33.7	22.3	33.5#
120	20.3	16.9	25.3

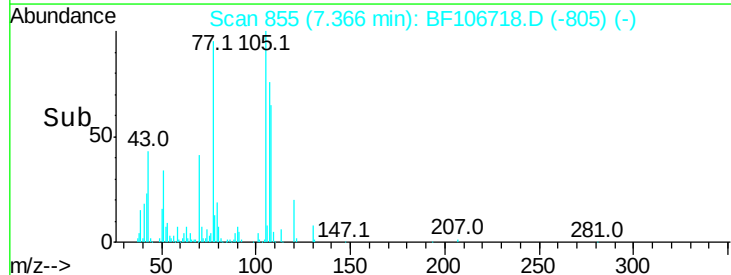
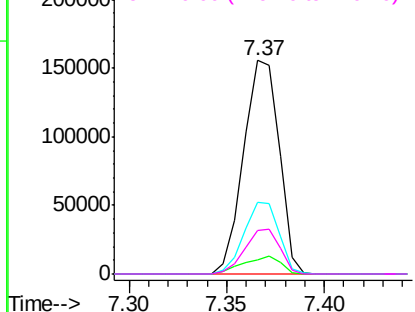


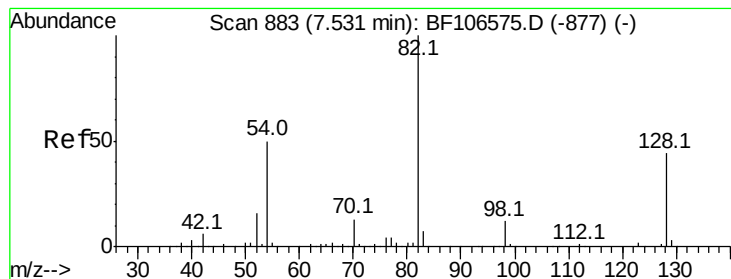
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 89.260 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Instrument :

BNA_F

ClientSampleId :

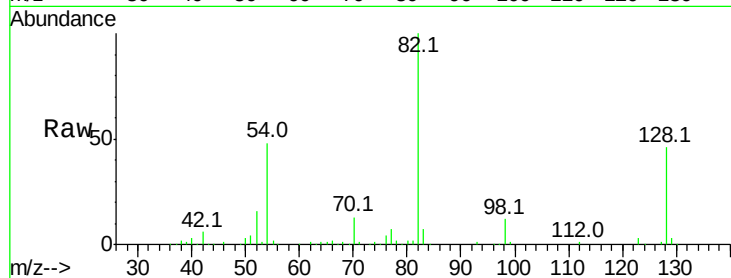
Tot Ion: 82 Resp: 333840

Ion Ratio Lower Upper

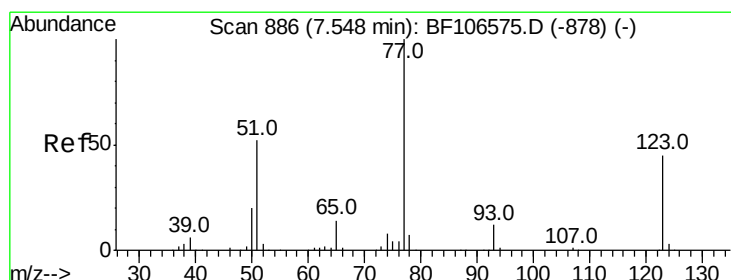
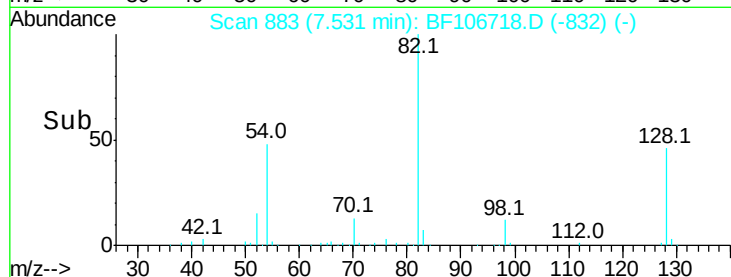
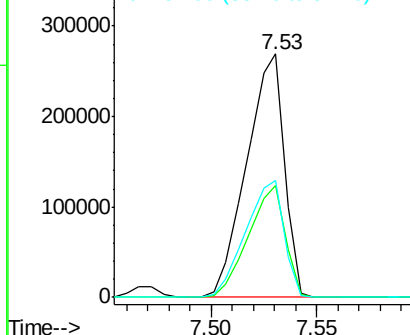
82 100

128 45.9 36.1 54.1

54 48.3 41.4 62.2



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: 42.295 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

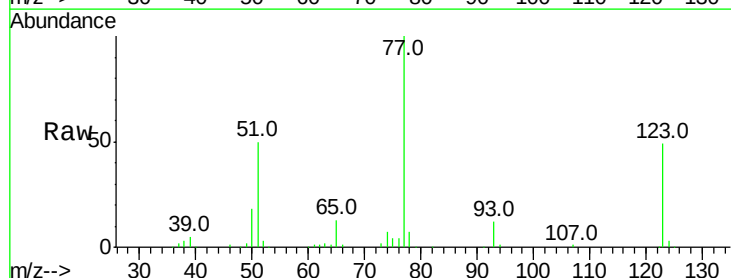
Tgt Ion: 77 Resp: 161502

Ion Ratio Lower Upper

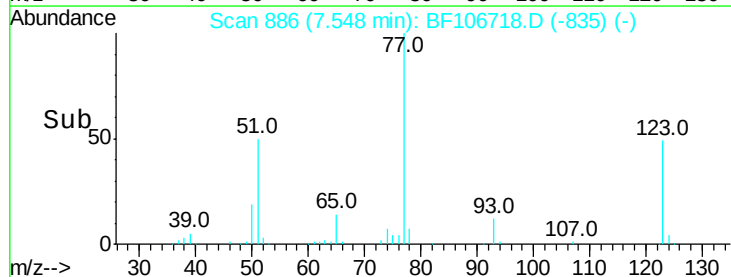
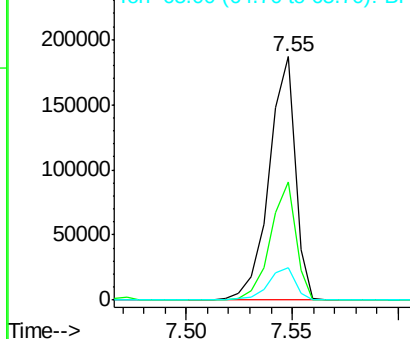
77 100

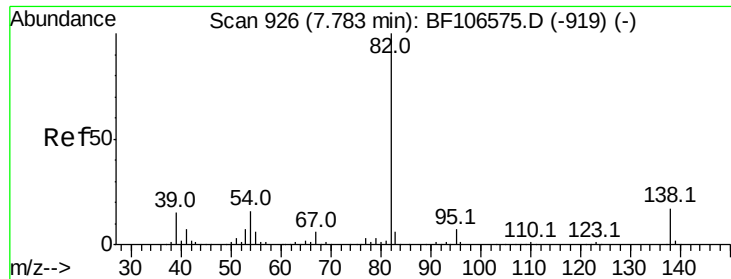
123 48.6 37.9 56.9

65 13.4 11.0 16.4



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: 47.468 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Instrument :

BNA_F

ClientSampleId :

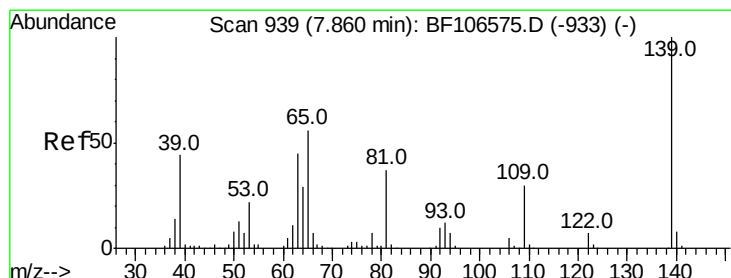
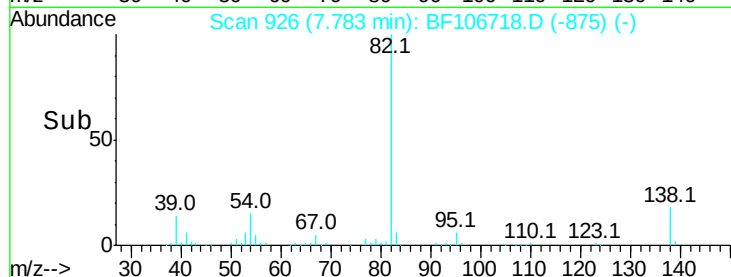
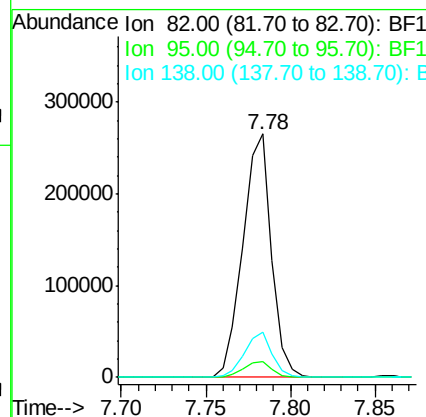
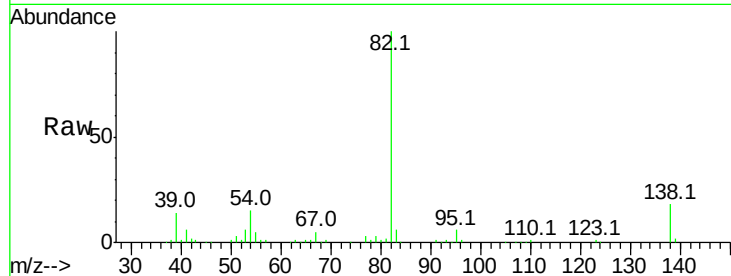
Tot Ion: 82 Resp: 312843

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 47.600 ng

RT: 7.86 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

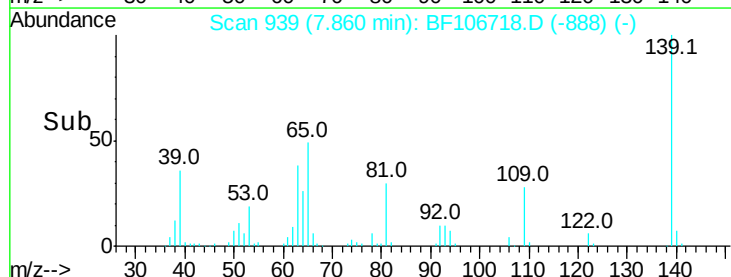
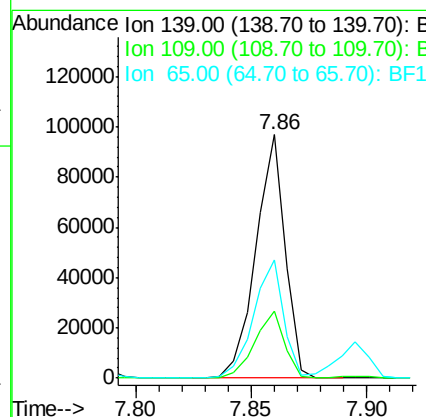
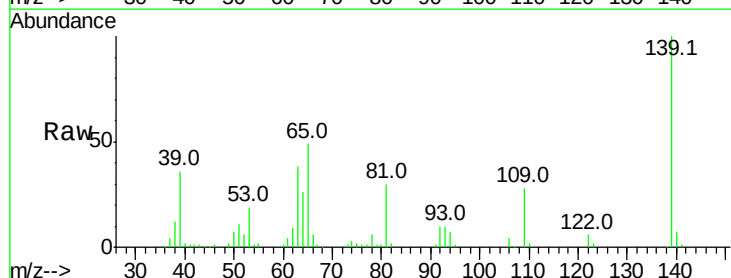
Tgt Ion:139 Resp: 85803

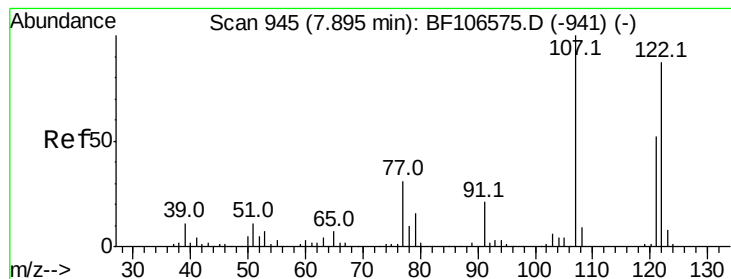
Ion Ratio Lower Upper

139 100

109 27.6 22.7 34.1

65 48.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 51.550 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Instrument :

BNA_F

ClientSampleId :

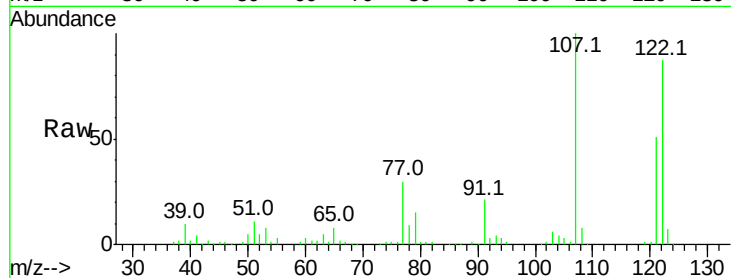
Tot Ion:122 Resp: 143627

Ion Ratio Lower Upper

122 100

107 114.8 91.2 136.8

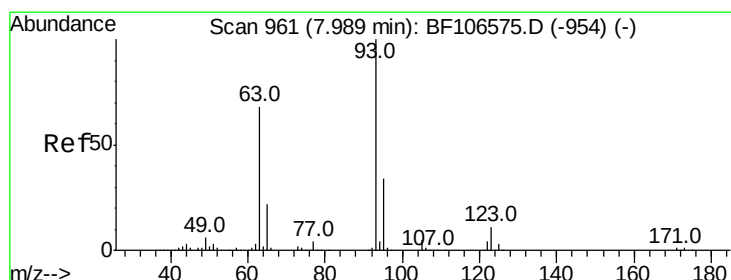
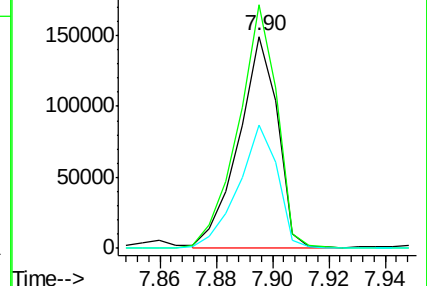
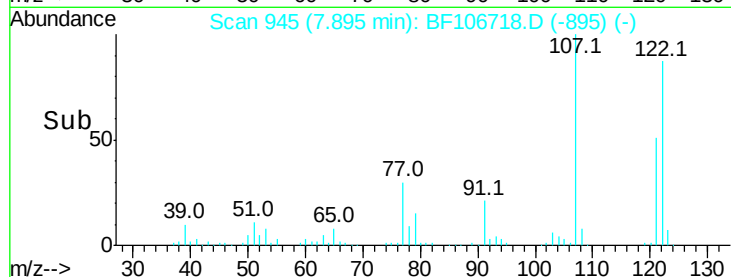
121 58.4 47.2 70.8



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: 44.211 ng

RT: 7.98 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

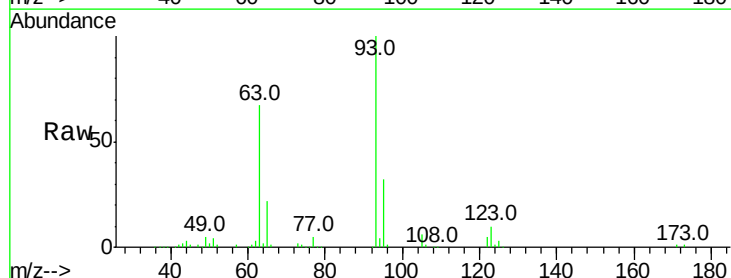
Tgt Ion: 93 Resp: 195638

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

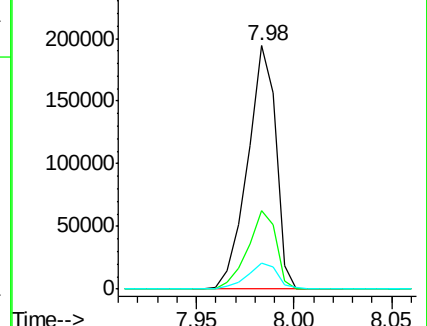
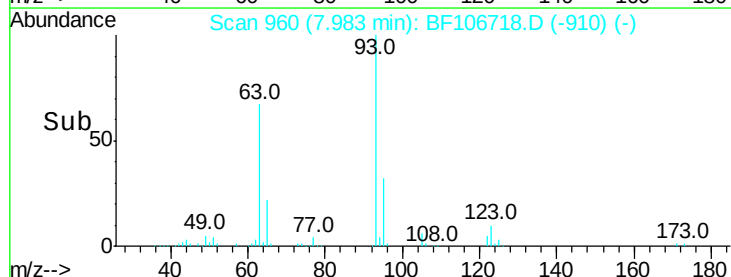
123 10.5 9.8 14.6

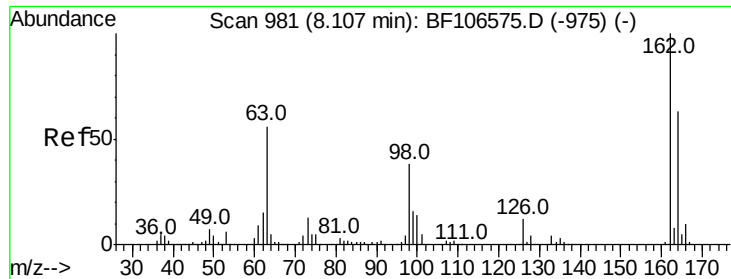


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

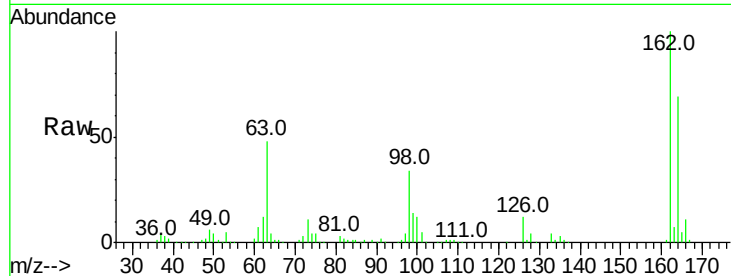




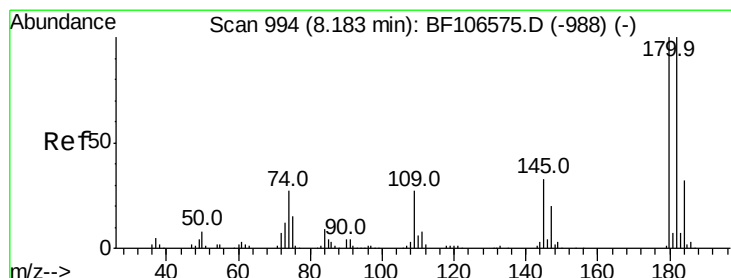
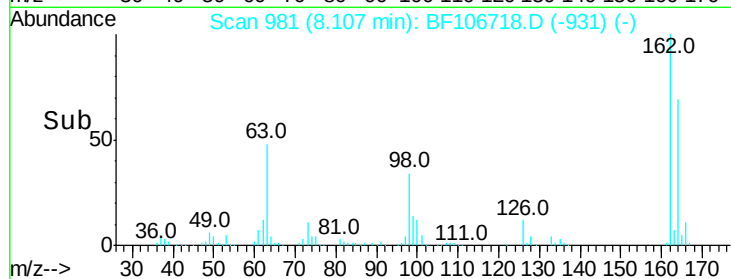
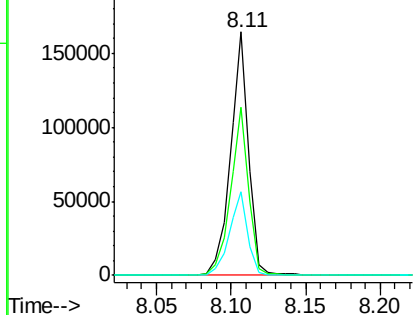
#29
 2,4-Dichlorophenol
 Concen: 48.295 ng
 RT: 8.11 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	69.0	42.7	82.7
98	34.2	18.1	58.1

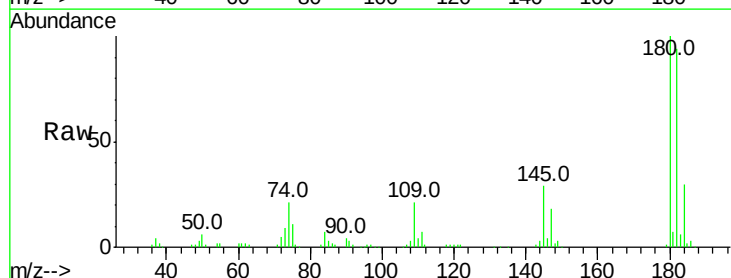


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

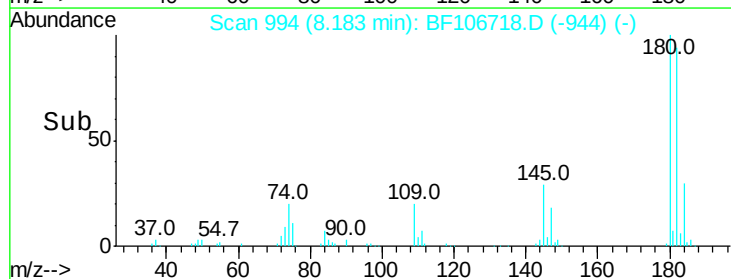
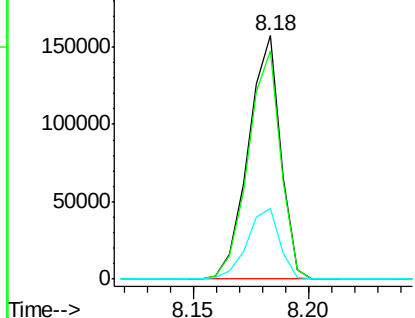


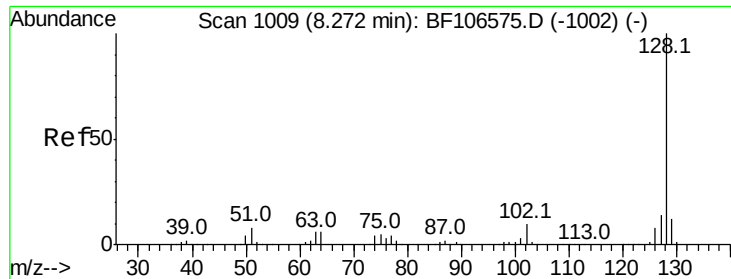
#30
 1,2,4-Trichlorobenzene
 Concen: 47.712 ng
 RT: 8.18 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.8	115.2
145	28.9	26.5	39.7



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

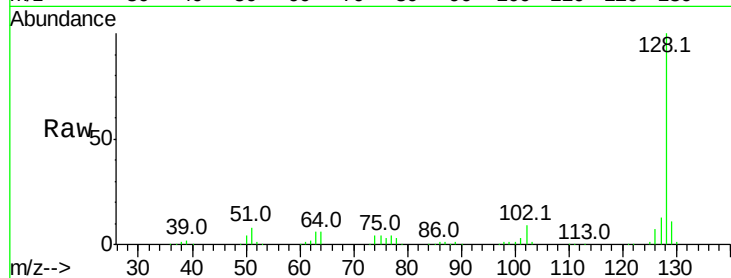




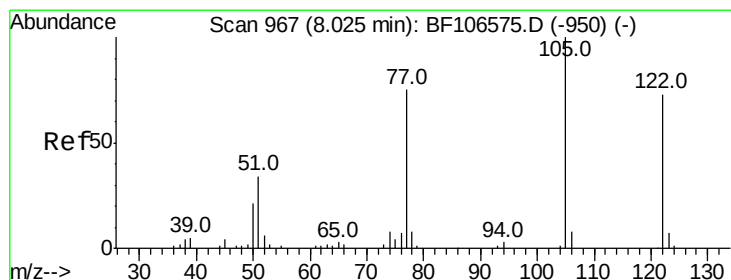
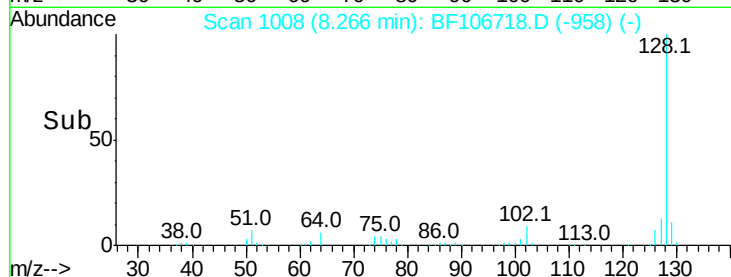
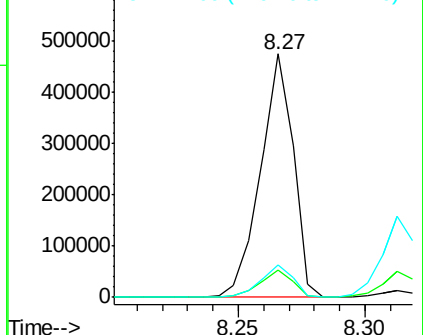
#31
Naphthalene
Concen: 44.449 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 431941
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.9 16.3

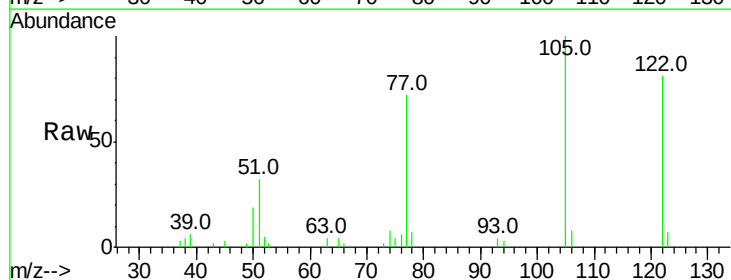


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

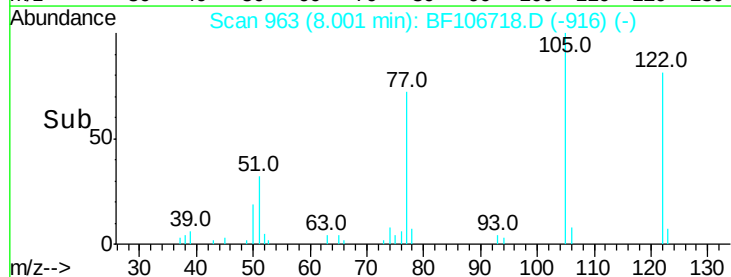
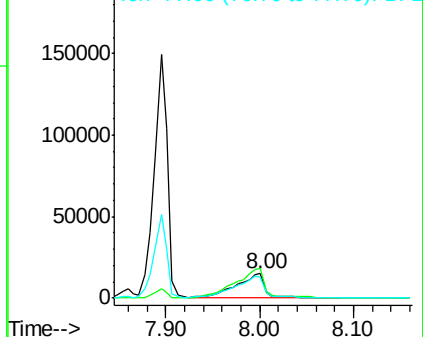


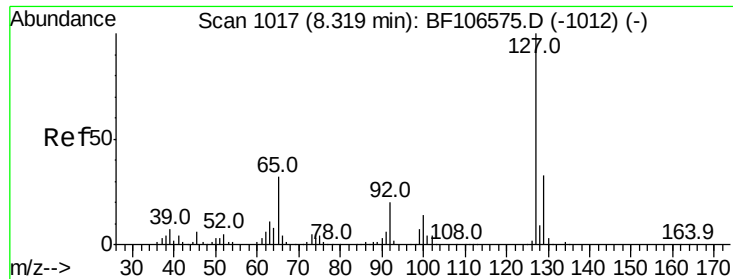
#32
Benzoic acid
Concen: 19.487 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.02 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

Tgt Ion:122 Resp: 31659
Ion Ratio Lower Upper
122 100
105 122.8 101.1 141.1
77 88.1 70.7 110.7



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

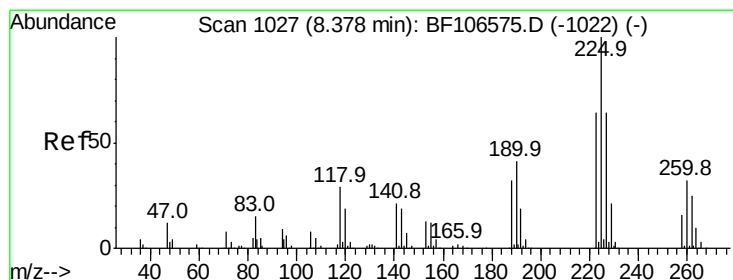
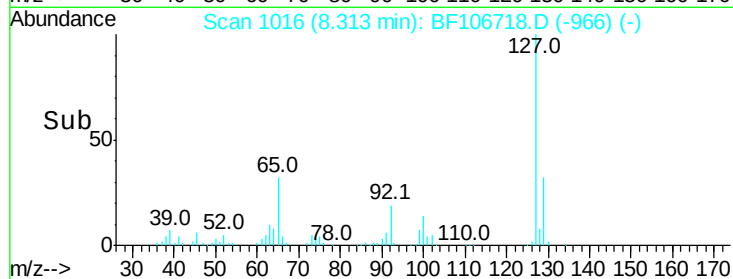
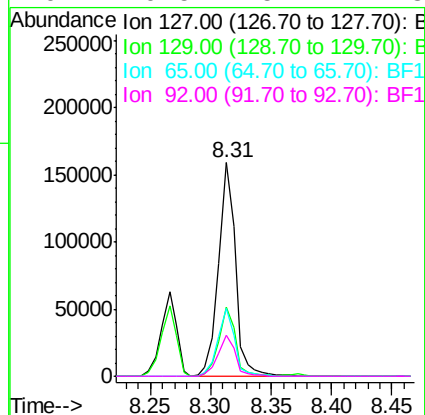
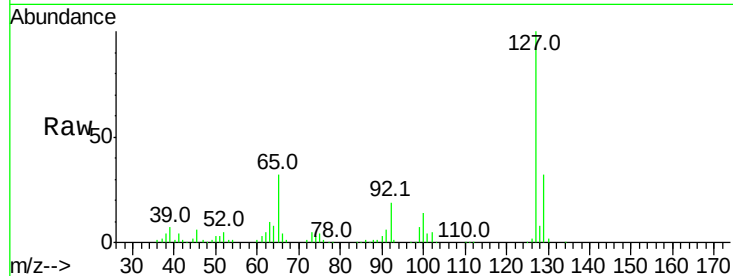




#33
4-Chloroaniline
Concen: 37.765 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

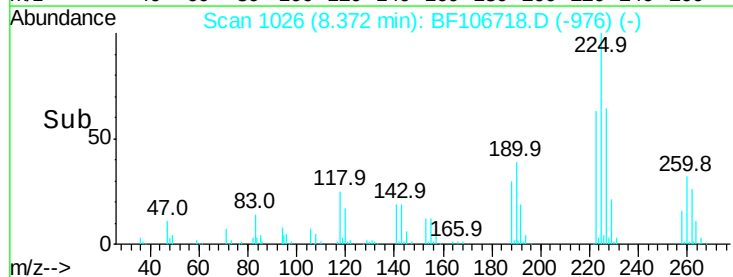
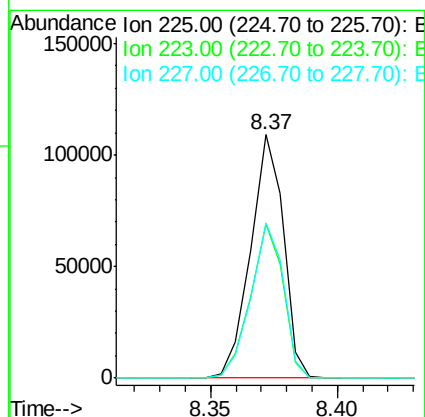
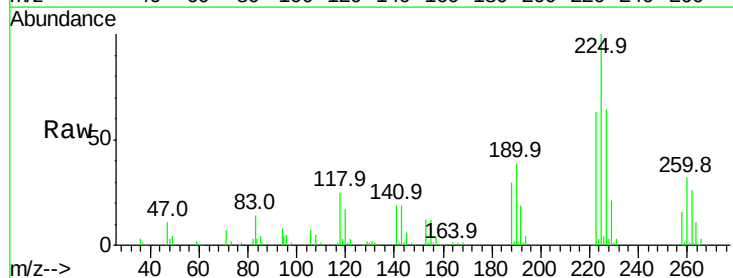
Instrument :
BNA_F
ClientSampled :

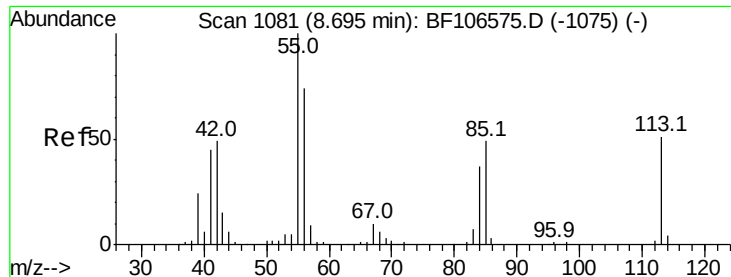
Tot Ion:	127	Resp:	153986
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	31.5	25.0	37.4
92	19.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 47.126 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

Tgt Ion:	225	Resp:	98672
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	63.7	51.9	77.9

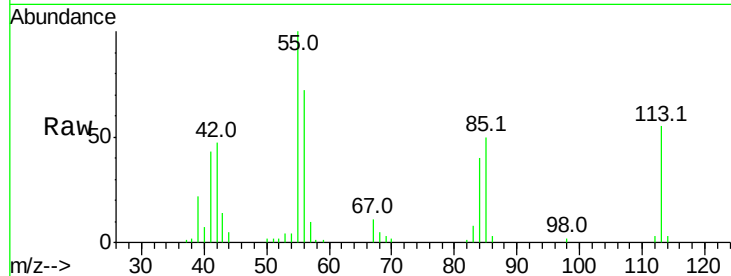




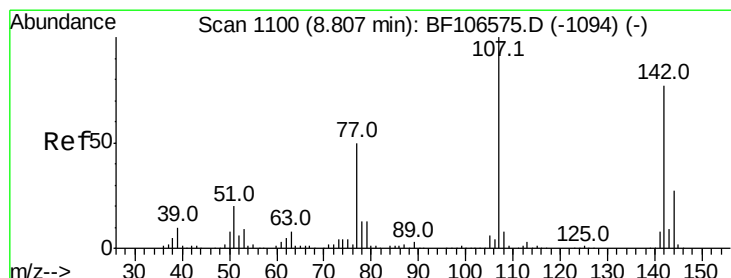
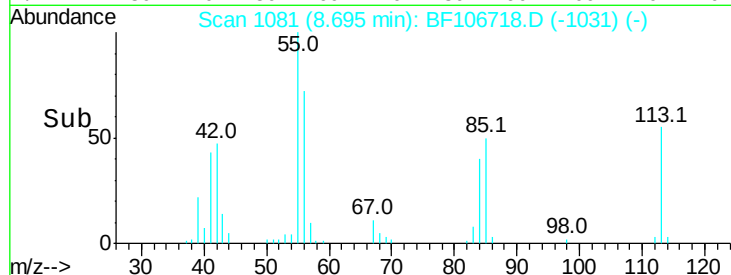
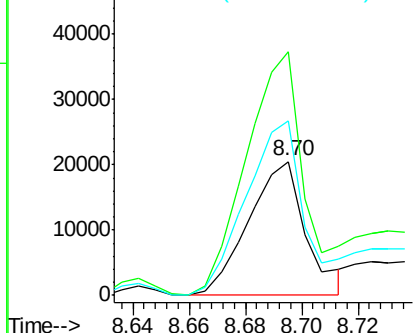
#35
 Caprolactam
 Concen: 30.302 ng
 RT: 8.70 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 28812
 Ion Ratio Lower Upper
 113 100
 55 181.8 163.3 203.3
 56 130.7 115.7 155.7

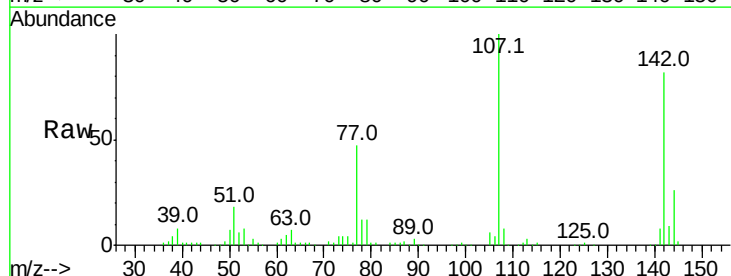


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

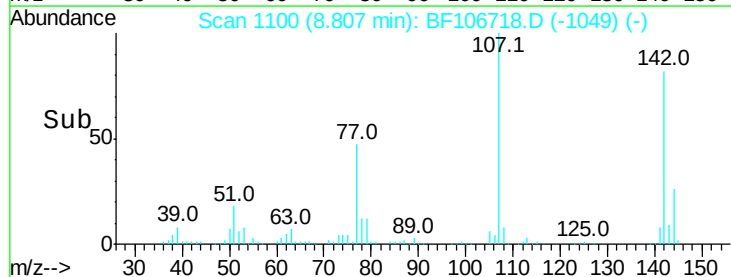
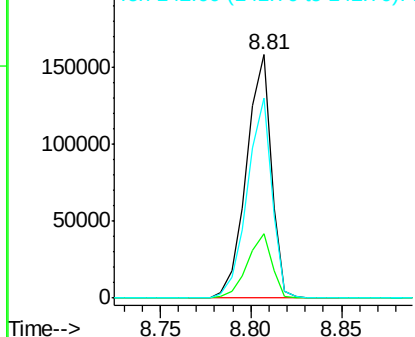


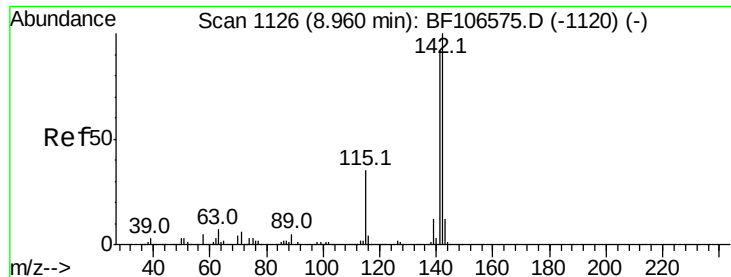
#36
 4-Chloro-3-methylphenol
 Concen: 49.067 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

Tgt Ion:107 Resp: 150648
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.5 30.7
 142 82.0 62.0 93.0



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

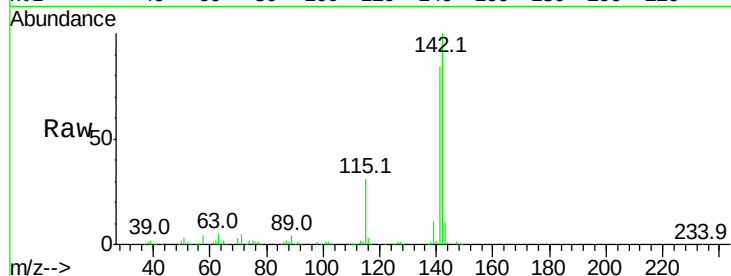




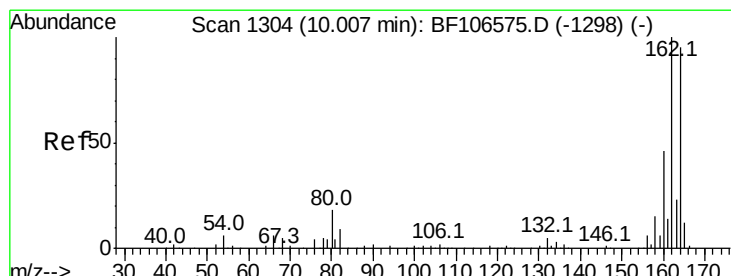
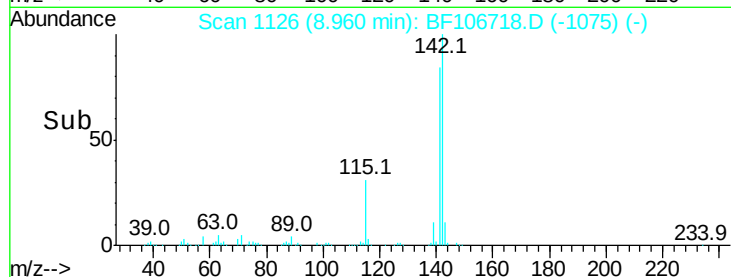
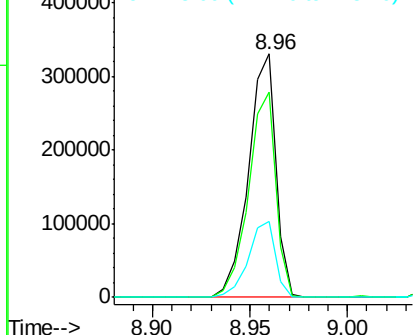
#37
2-Methylnaphthalene
Concen: 49.946 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.1	70.8	106.2
115	31.5	26.1	39.1

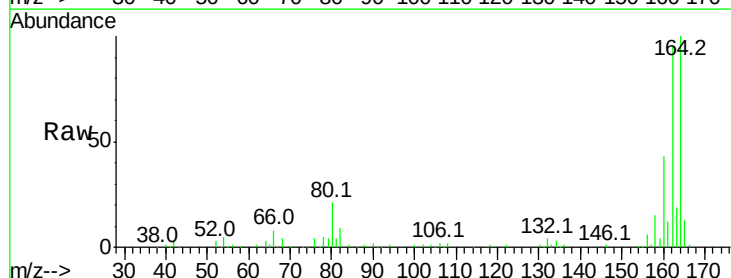


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

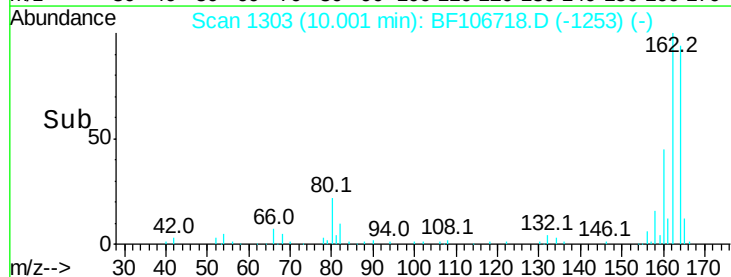
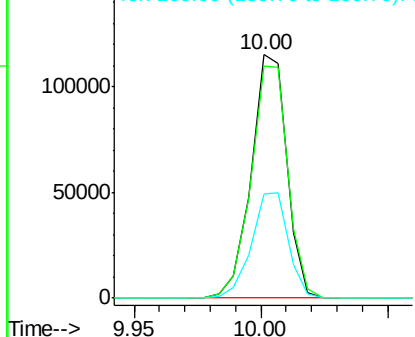


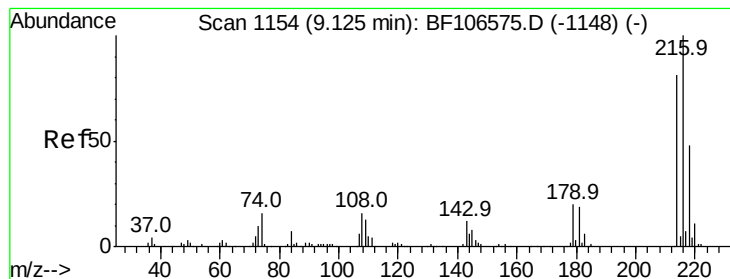
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.4	86.1	129.1
160	42.8	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.171 ng

RT: 9.12 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 168155

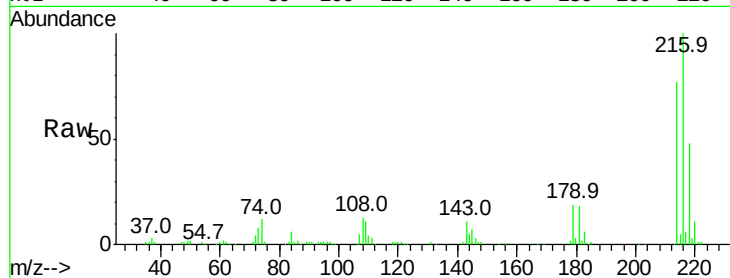
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 19.4 18.1 27.1

108 16.3 17.2 25.8#

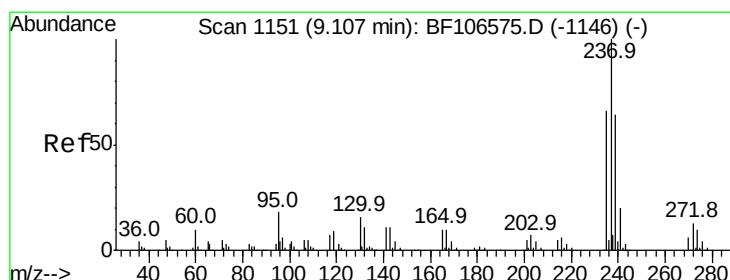
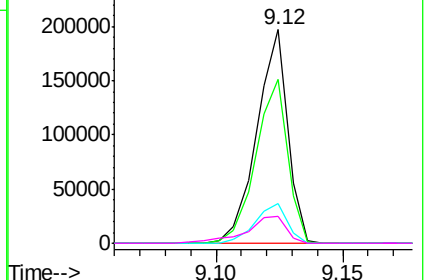
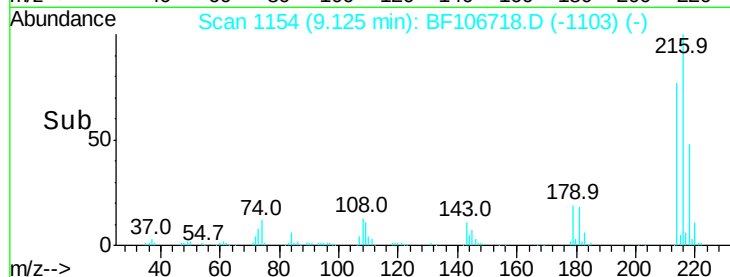


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 81.761 ng

RT: 9.11 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

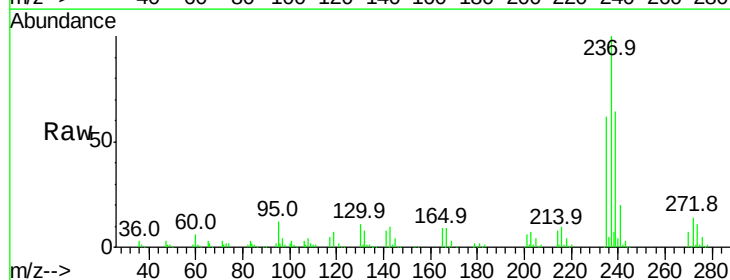
Tgt Ion:237 Resp: 160140

Ion Ratio Lower Upper

237 100

235 61.8 44.8 84.8

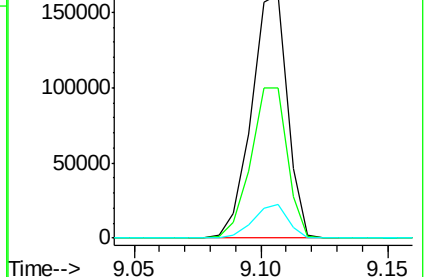
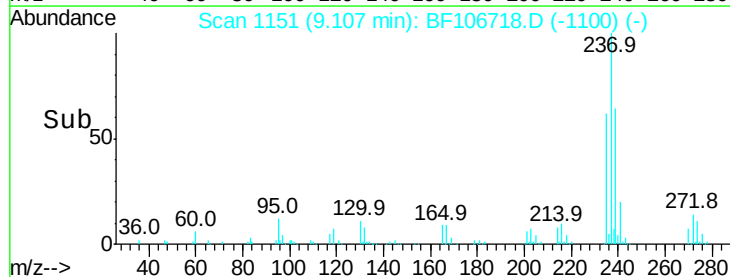
272 14.1 0.0 33.3

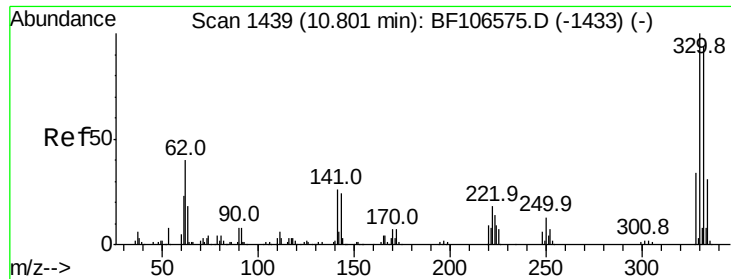


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

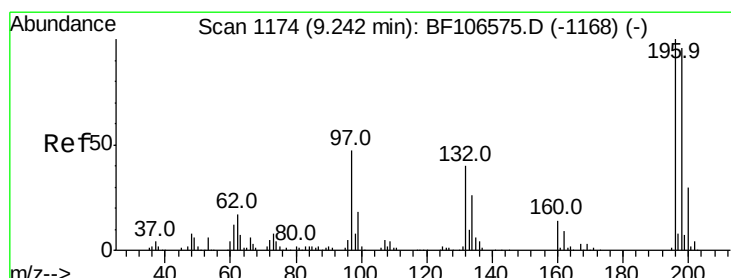
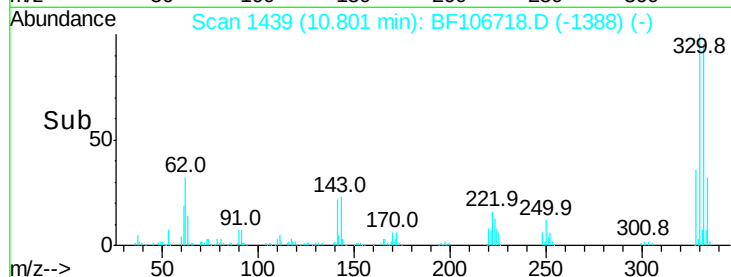
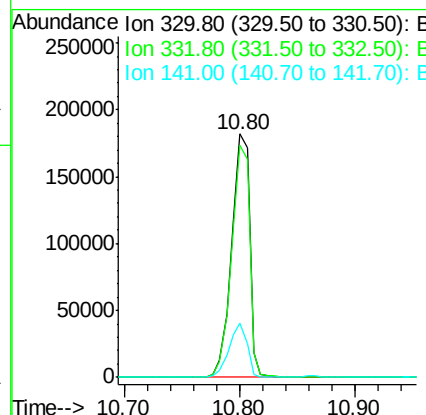
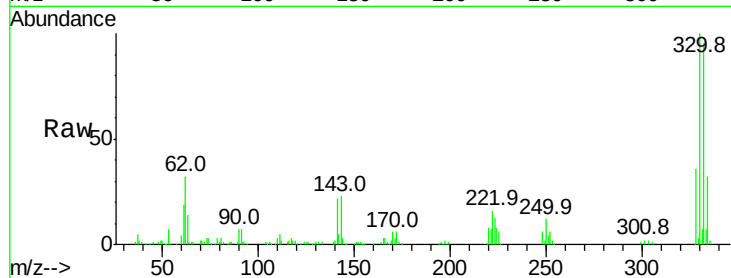




#41
 2,4,6-Tribromophenol
 Concen: 150.433 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

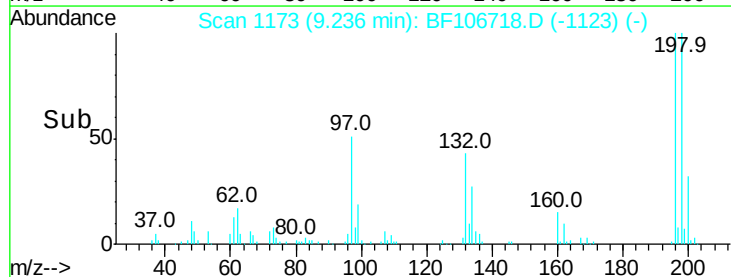
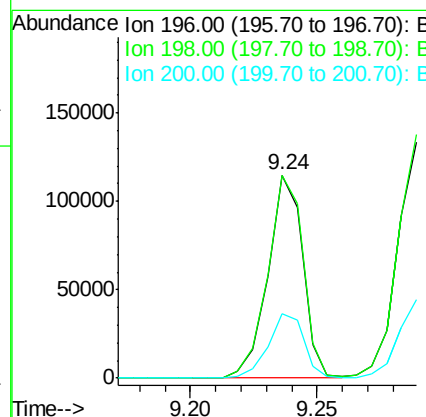
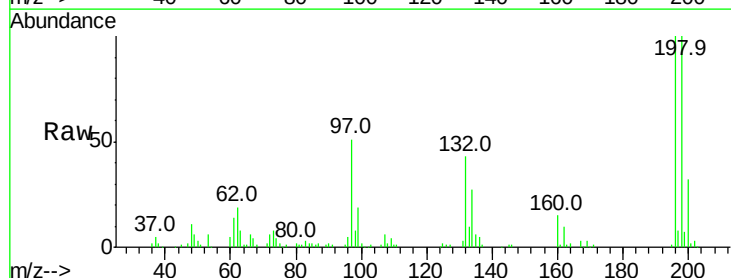
Instrument :
 BNA_F
 ClientSampled :

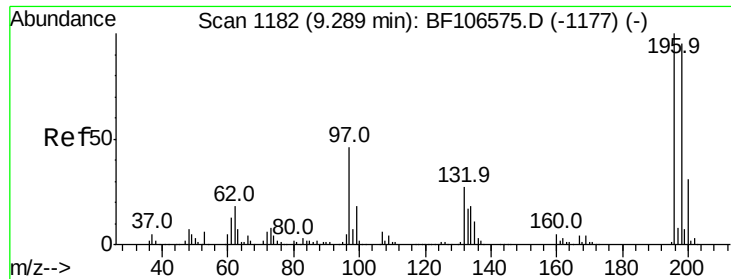
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	22.0	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 43.311 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.7	75.7	113.5
200	31.5	24.5	36.7

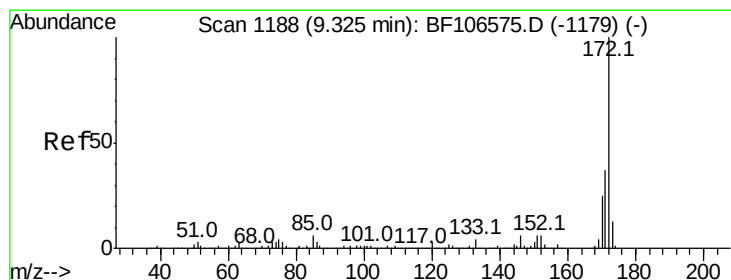
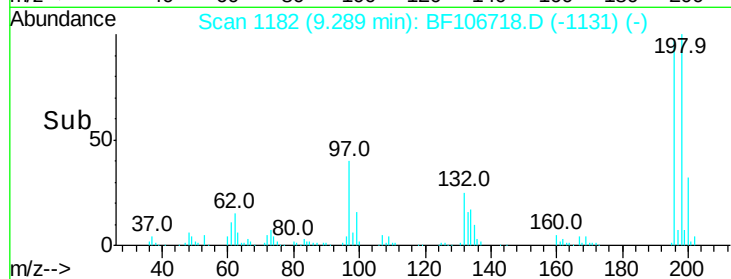
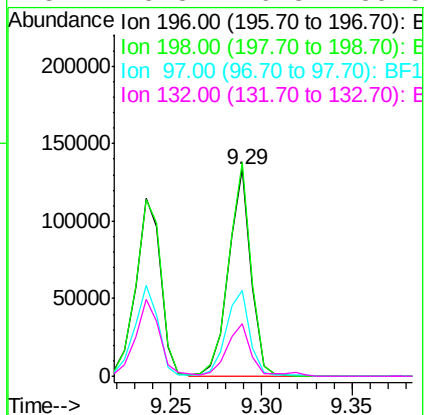
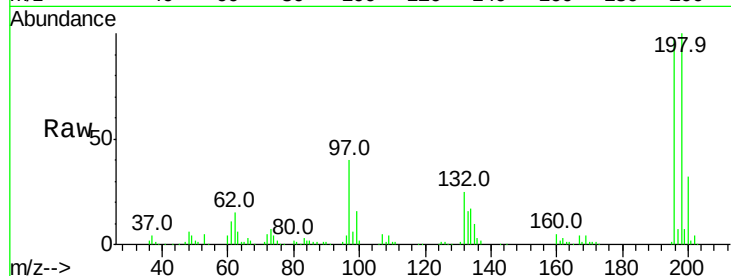




#43
 2,4,5-Trichlorophenol
 Concen: 43.738 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

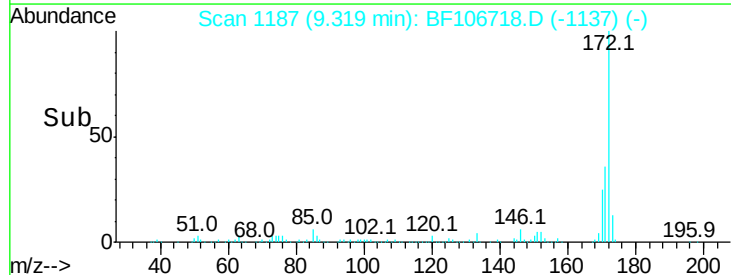
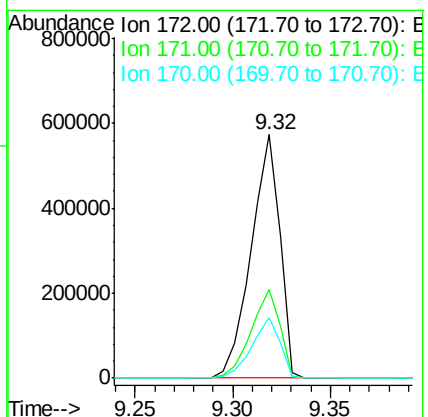
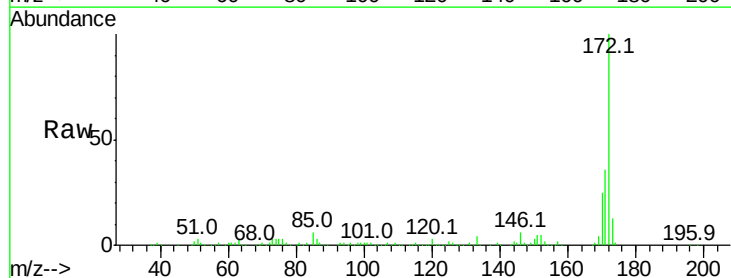
Instrument :
 BNA_F
 ClientSampleId :

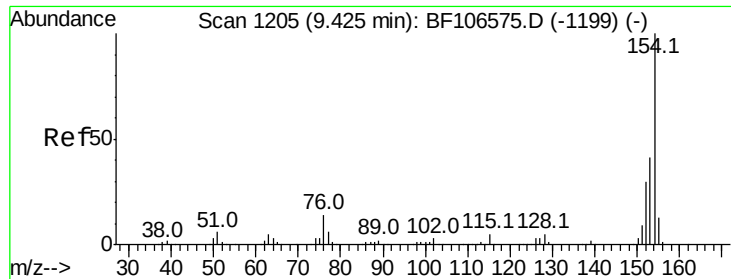
Tot Ion:	196	Resp:	115491
Ion	Ratio	Lower	Upper
196	100		
198	103.2	74.6	112.0
97	41.4	42.9	64.3#
132	25.3	26.3	39.5#



#44
 2-Fluorobiphenyl
 Concen: 87.909 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

Tgt Ion:	172	Resp:	583729
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.8	19.6	29.4





#45

1,1'-Biphenyl

Concen: 43.401 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Instrument :

BNA_F

ClientSampleId :

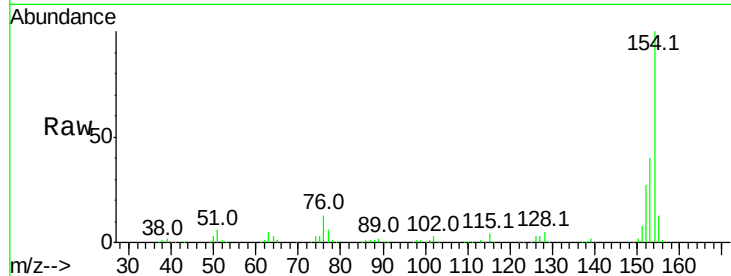
Tot Ion:154 Resp: 390999

Ion Ratio Lower Upper

154 100

153 40.4 21.3 61.3

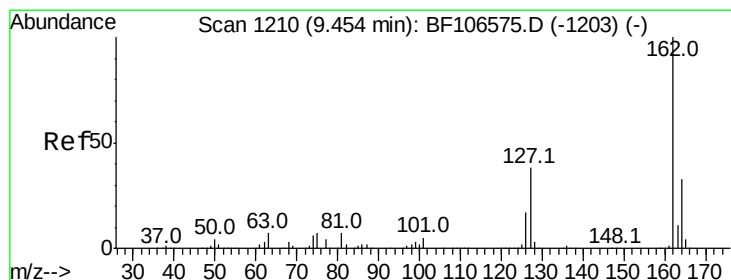
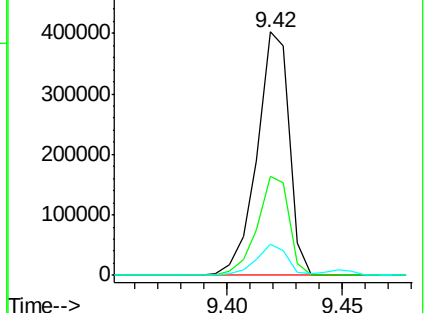
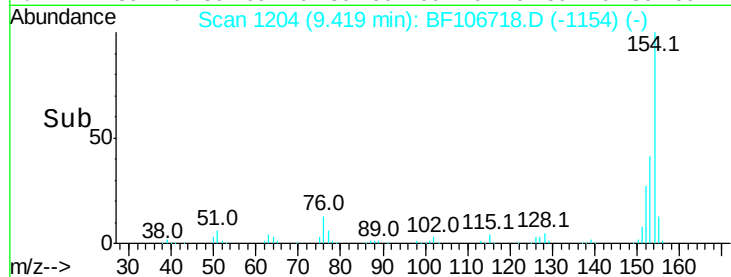
76 12.9 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 41.349 ng

RT: 9.45 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

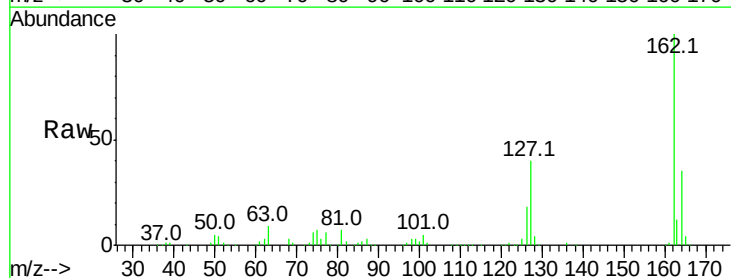
Tgt Ion:162 Resp: 293217

Ion Ratio Lower Upper

162 100

127 40.0 33.9 50.9

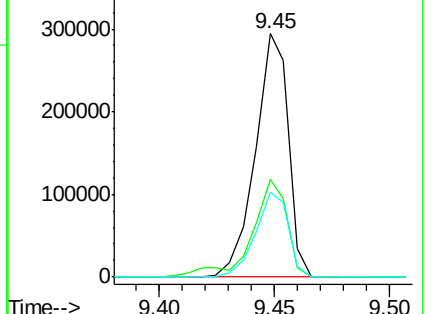
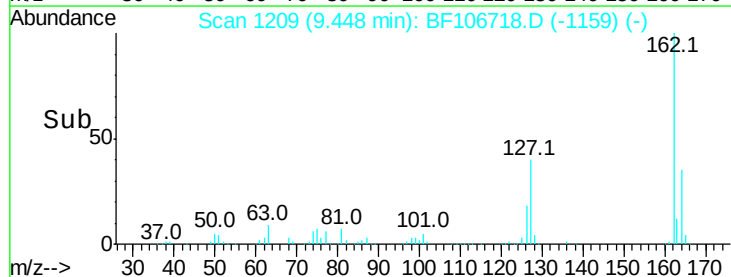
164 34.8 26.5 39.7

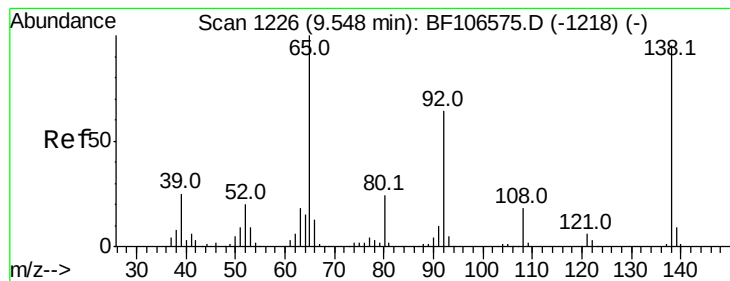


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.248 ng

RT: 9.55 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Instrument :

BNA_F

ClientSampled :

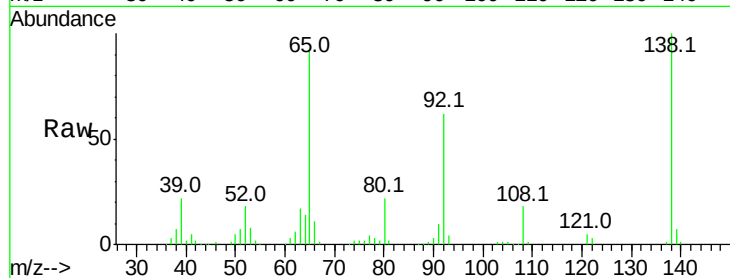
Tot Ion: 65 Resp: 98360

Ion Ratio Lower Upper

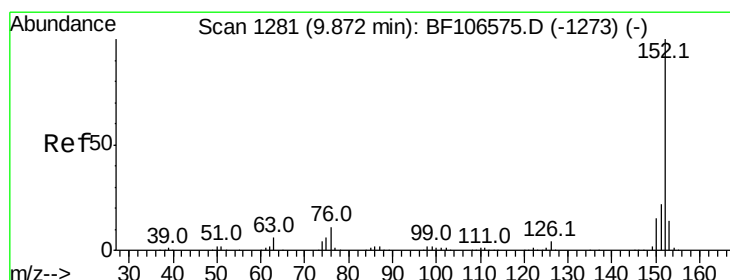
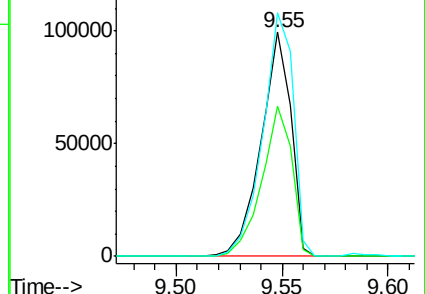
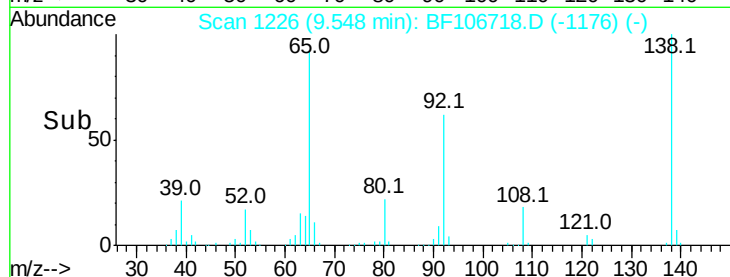
65 100

92 66.9 55.8 83.6

138 108.6 91.2 136.8



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): BF1



#48

Acenaphthylene

Concen: 42.056 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

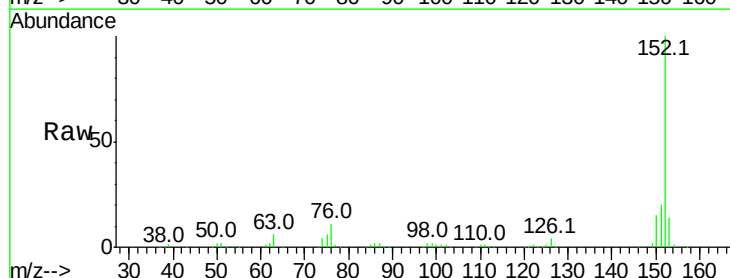
Tgt Ion: 152 Resp: 470842

Ion Ratio Lower Upper

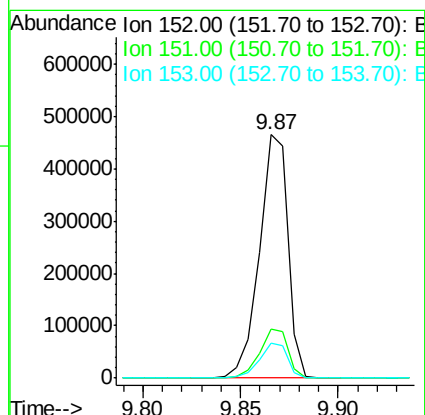
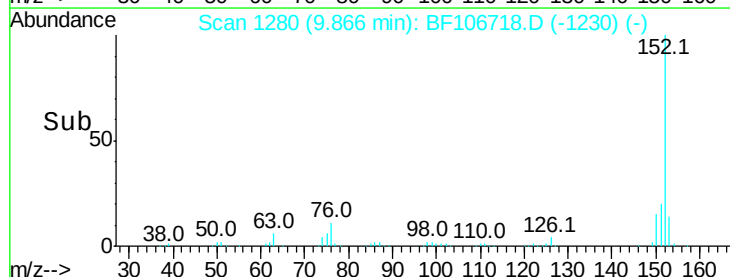
152 100

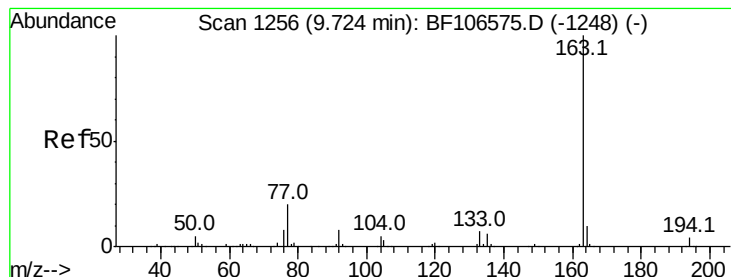
151 20.1 16.3 24.5

153 14.4 10.7 16.1



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





#49

Dimethylphthalate

Concen: 52.646 ng

RT: 9.72 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Instrument :

BNA_F

ClientSampled :

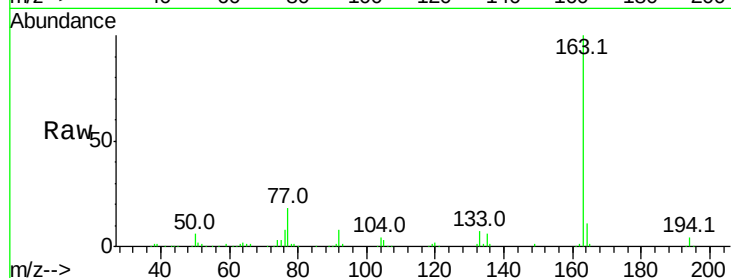
Tot Ion:163 Resp: 446345

Ion Ratio Lower Upper

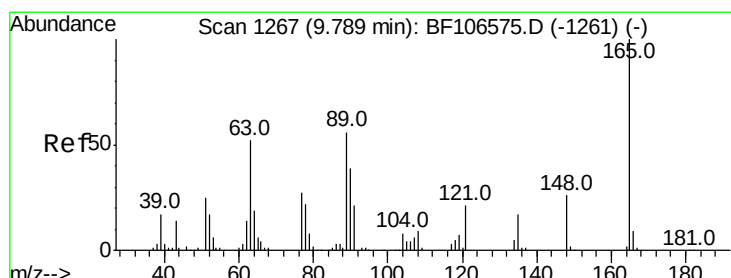
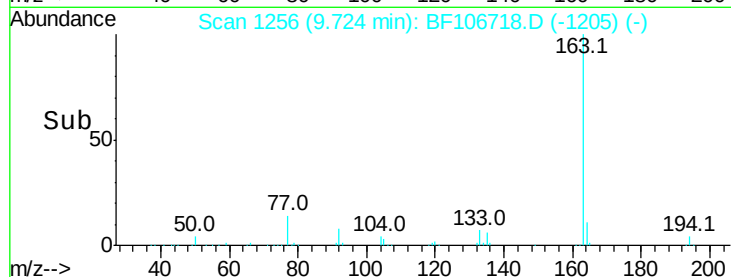
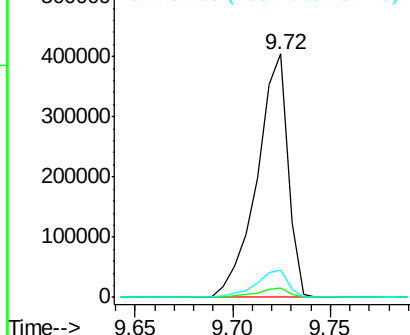
163 100

194 4.1 2.7 4.1

164 11.0 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 47.767 ng

RT: 9.79 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

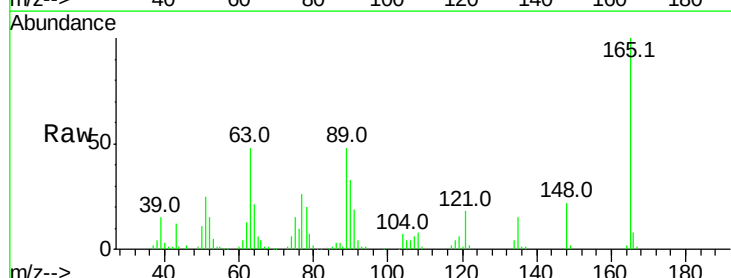
Tgt Ion:165 Resp: 85756

Ion Ratio Lower Upper

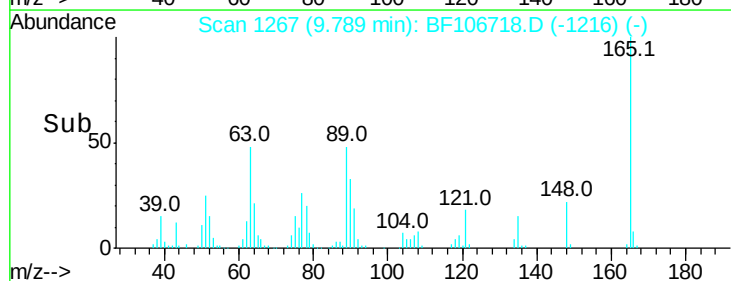
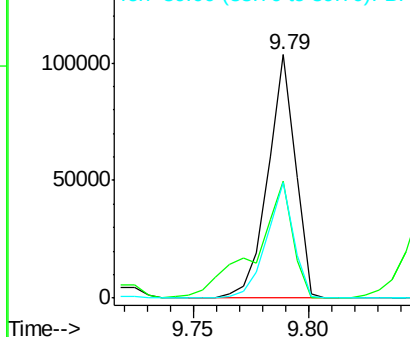
165 100

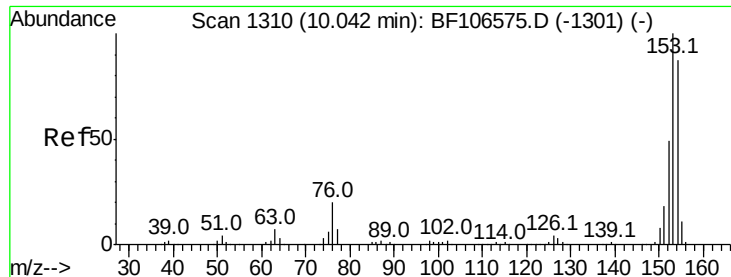
63 48.0 44.7 67.1

89 47.6 44.0 66.0



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





#51

Acenaphthene

Concen: 40.123 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Instrument :

BNA_F

ClientSampleId :

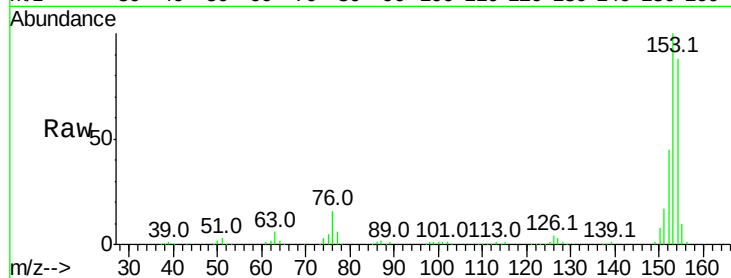
Tot Ion:154 Resp: 282870

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

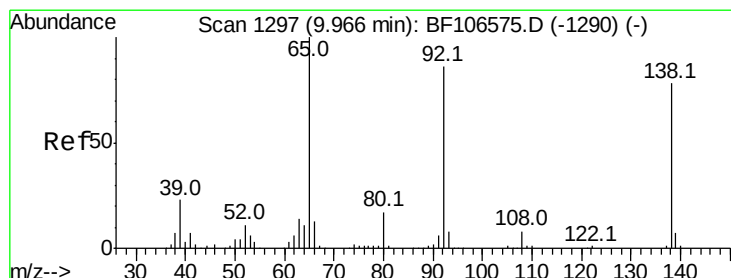
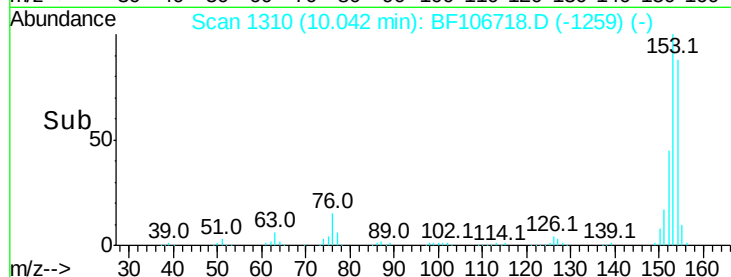
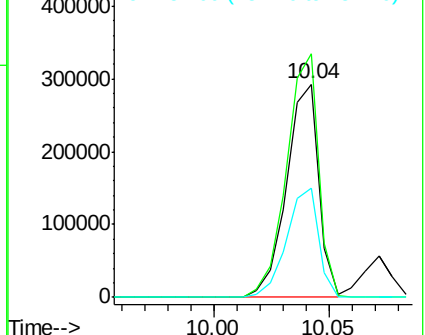
152 51.2 43.8 65.8



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



#52

3-Nitroaniline

Concen: 35.713 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

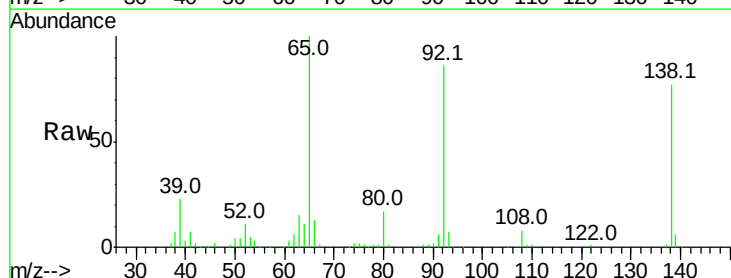
Tgt Ion:138 Resp: 73781

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

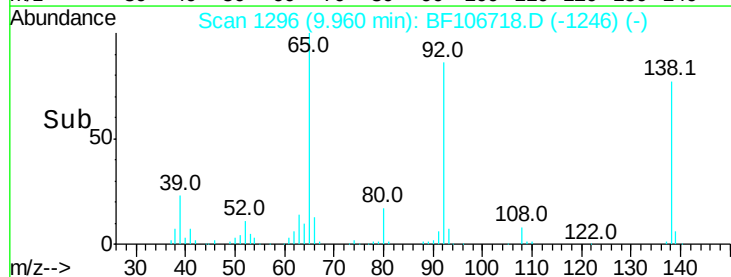
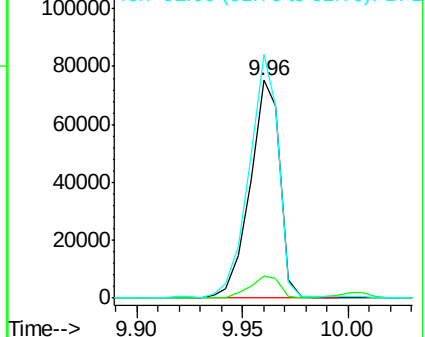
92 111.8 89.4 134.2

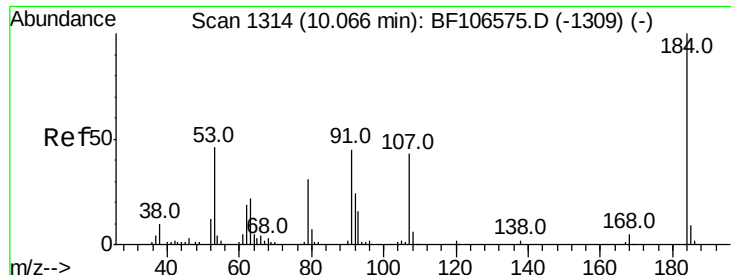


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

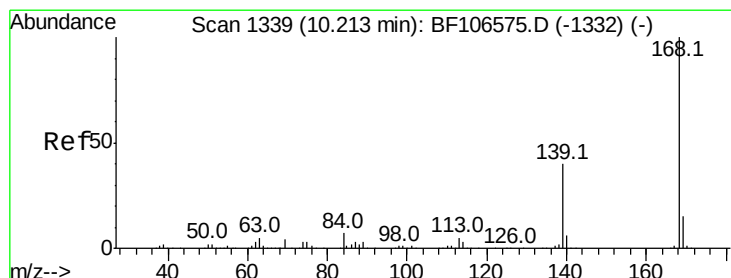
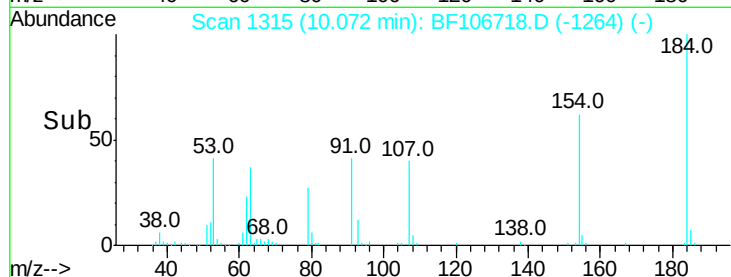
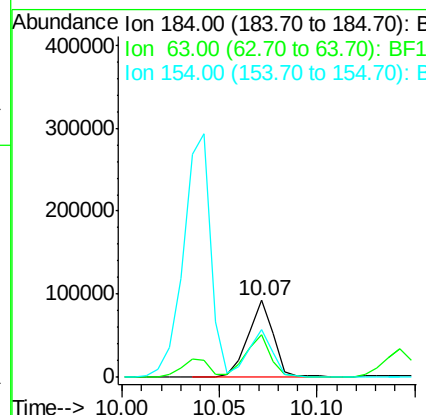
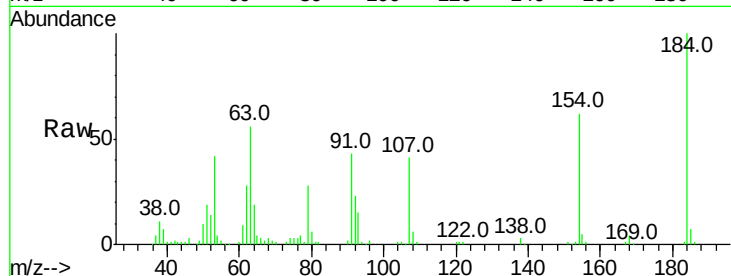




#53
 2,4-Dinitrophenol
 Concen: 90.600 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

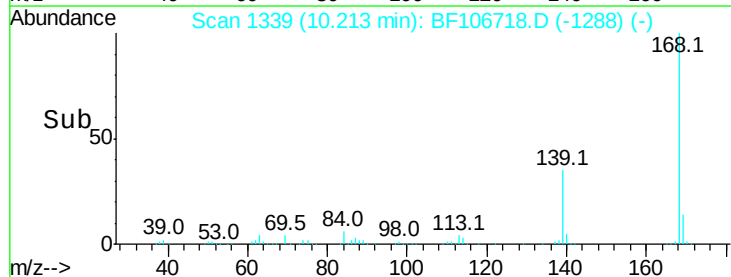
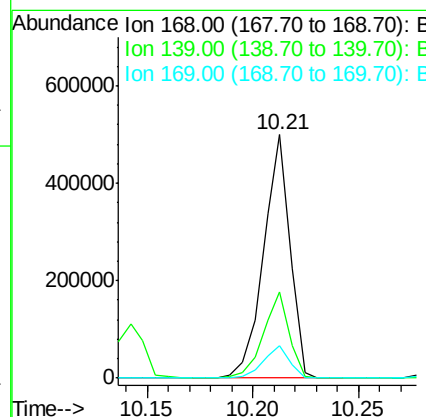
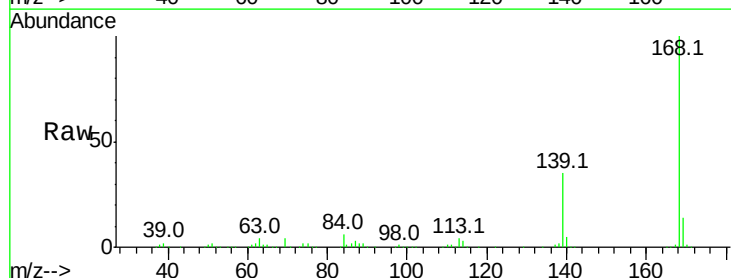
Instrument :
 BNA_F
 ClientSampleId :

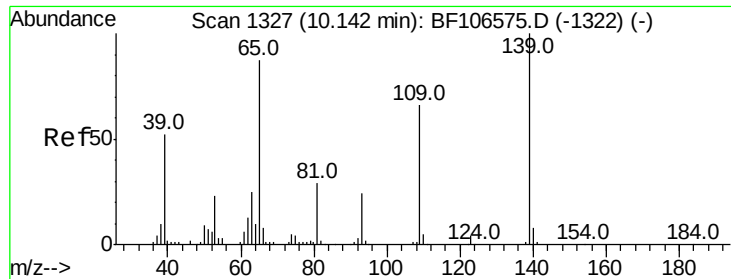
Tot Ion:184 Resp: 85278
 Ion Ratio Lower Upper
 184 100
 63 55.7 54.2 81.2
 154 62.3 184.0 276.0#



#54
 Dibenzofuran
 Concen: 45.113 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

Tgt Ion:168 Resp: 435505
 Ion Ratio Lower Upper
 168 100
 139 35.3 30.1 45.1
 169 13.6 10.9 16.3





#55

4-Nitrophenol

Concen: 78.397 ng

RT: 10.14 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Instrument :

BNA_F

ClientSampleId :

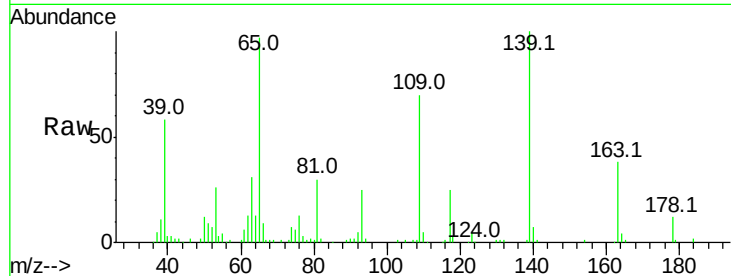
Tot Ion:139 Resp: 113052

Ion Ratio Lower Upper

139 100

109 69.6 48.4 88.4

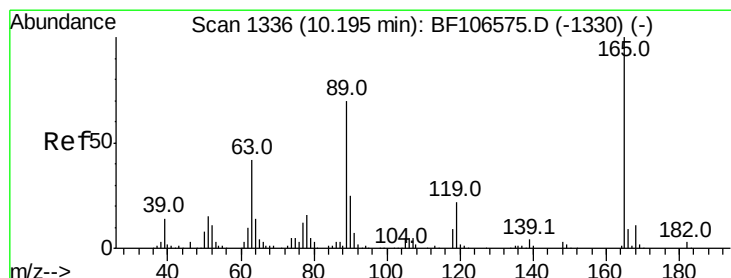
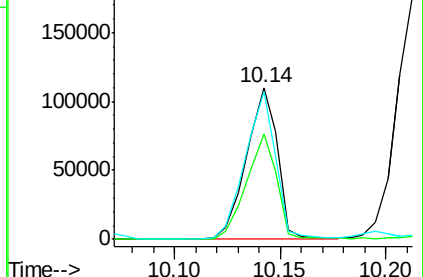
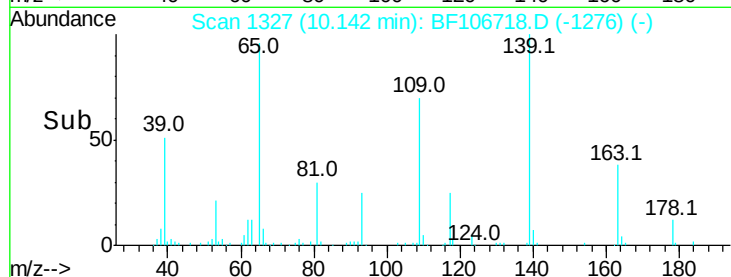
65 96.9 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 49.342 ng

RT: 10.20 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Tgt Ion:165 Resp: 115626

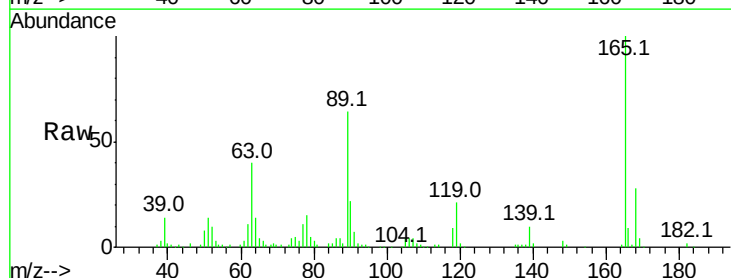
Ion Ratio Lower Upper

165 100

63 39.8 36.4 54.6

89 63.7 57.8 86.6

182 2.2 1.6 2.4

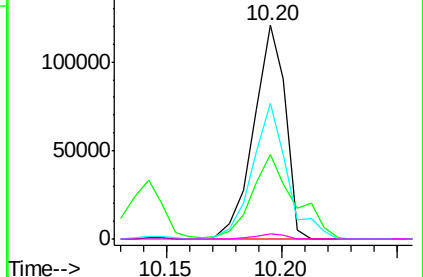
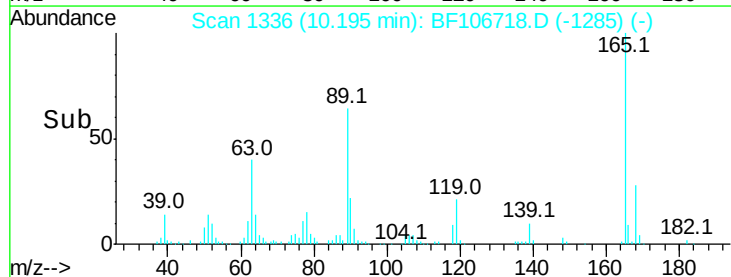


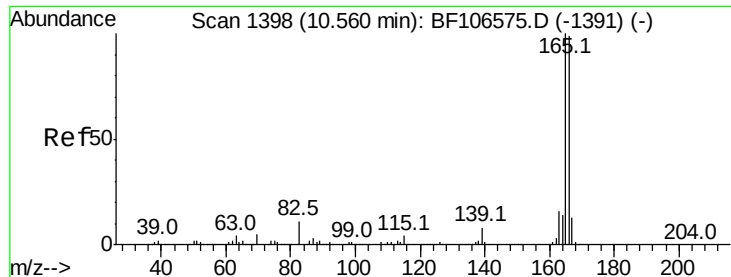
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: 44.299 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Instrument :

BNA_F

ClientSampled :

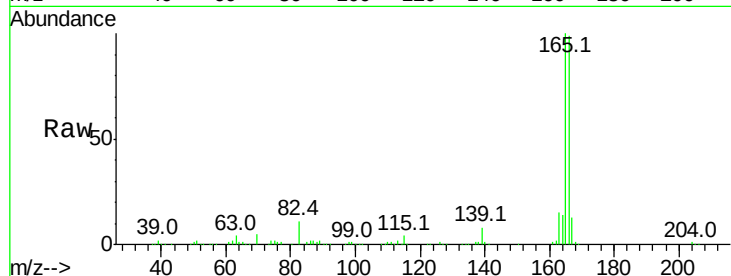
Tot Ion:166 Resp: 339353

Ion Ratio Lower Upper

166 100

165 100.8 79.8 119.8

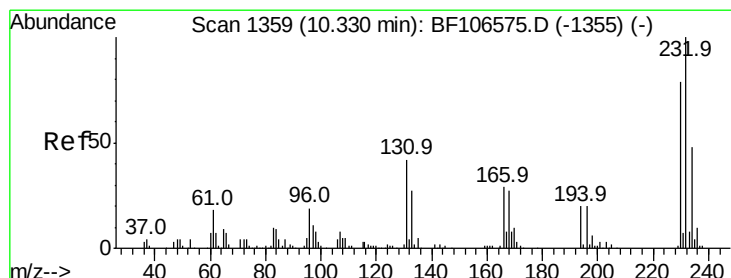
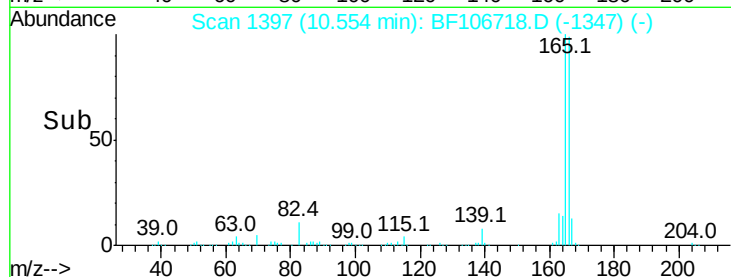
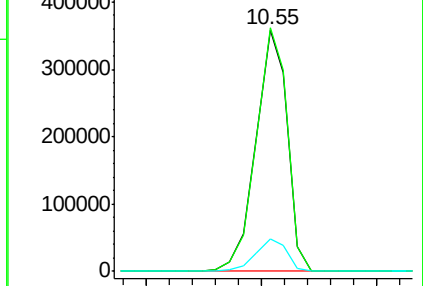
167 13.3 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.673 ng

RT: 10.33 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Tgt Ion:232 Resp: 108461

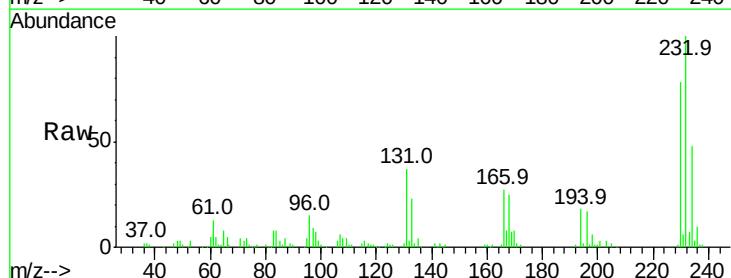
Ion Ratio Lower Upper

232 100

131 35.5 43.8 65.8#

130 1.7 2.1 3.1#

166 26.2 27.8 41.6#

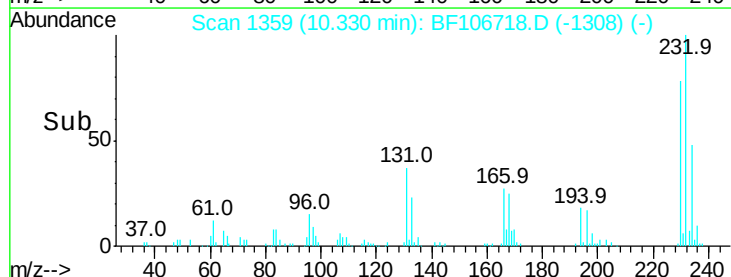
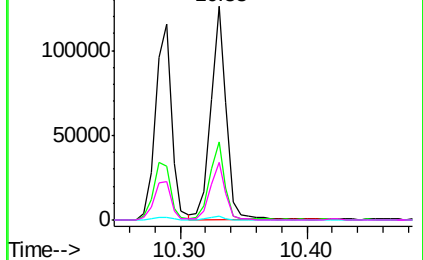


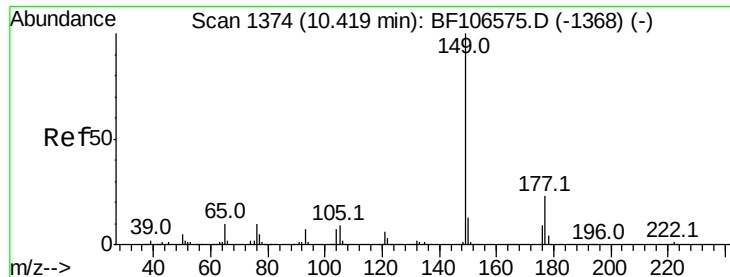
Abundance Ion 232.00 (231.70 to 232.70): E

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

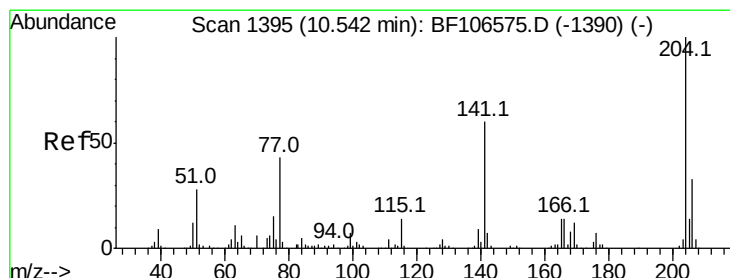
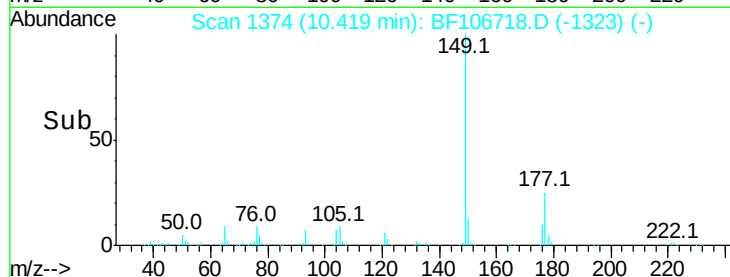
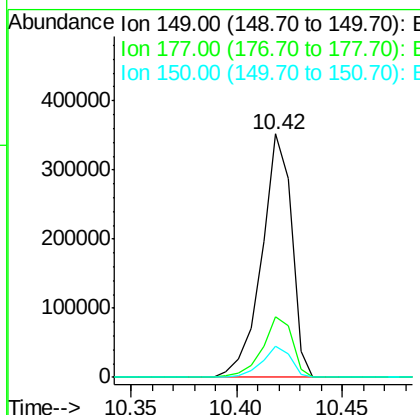
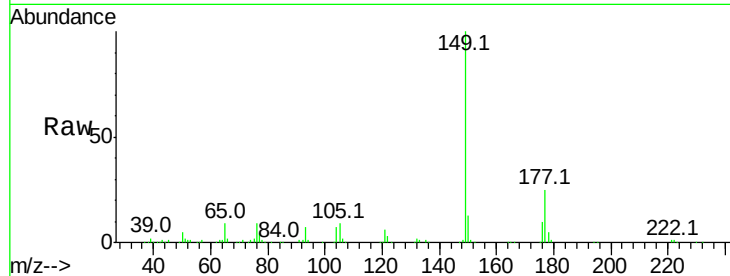




#59
Diethylphthalate
Concen: 42.213 ng
RT: 10.42 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

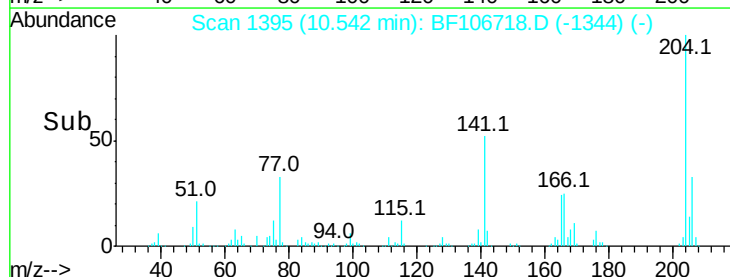
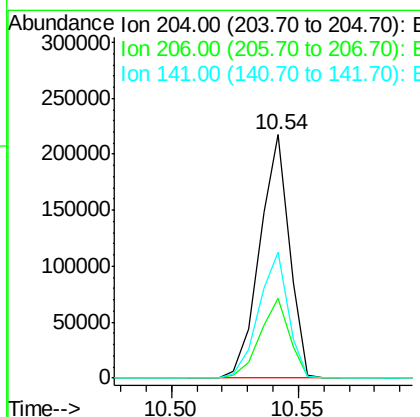
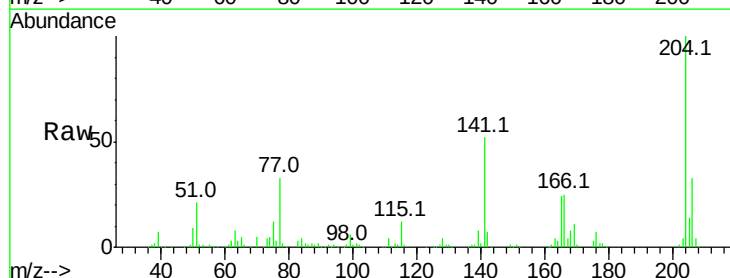
Instrument :
BNA_F
ClientSampleId :

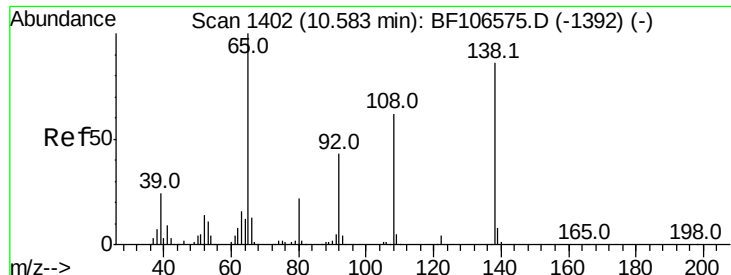
Tot Ion:149 Resp: 345430
Ion Ratio Lower Upper
149 100
177 25.0 16.1 24.1#
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.578 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

Tgt Ion:204 Resp: 178678
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 51.9 54.6 81.8#

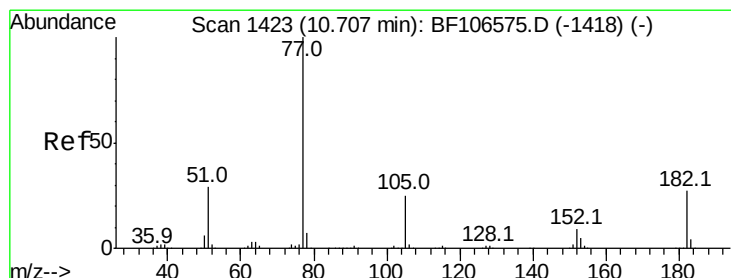
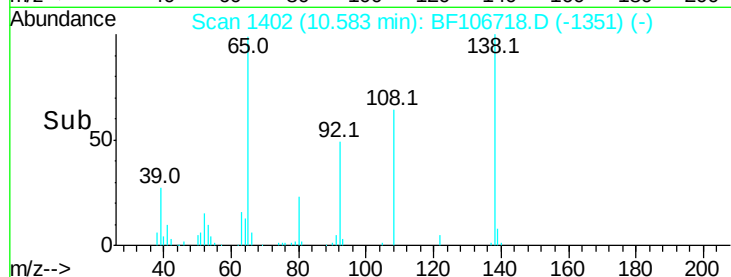
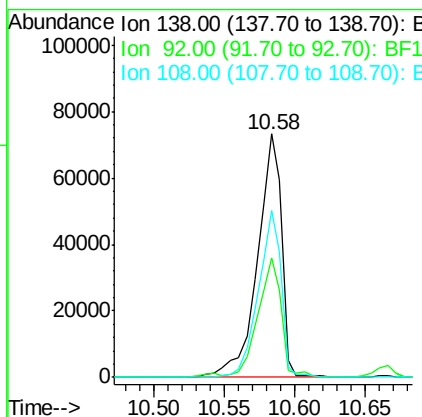
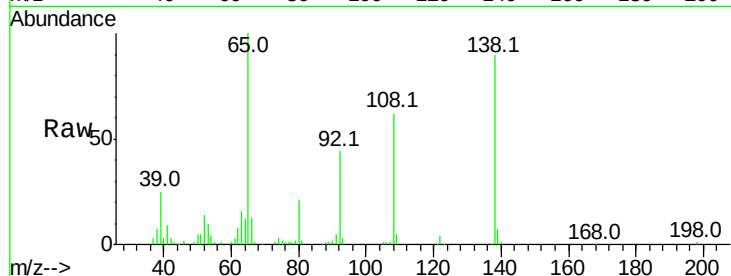




#61
4-Nitroaniline
Concen: 43.088 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

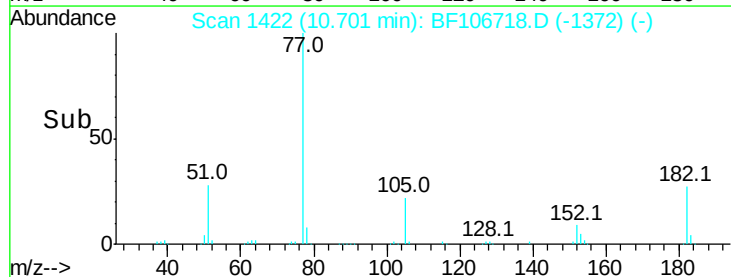
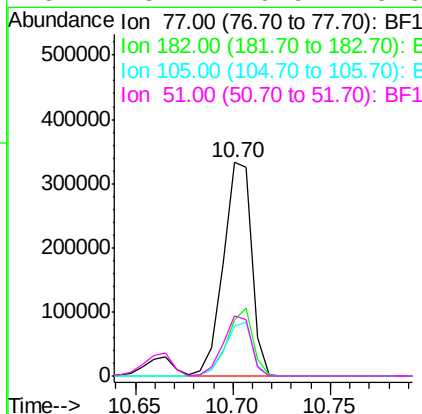
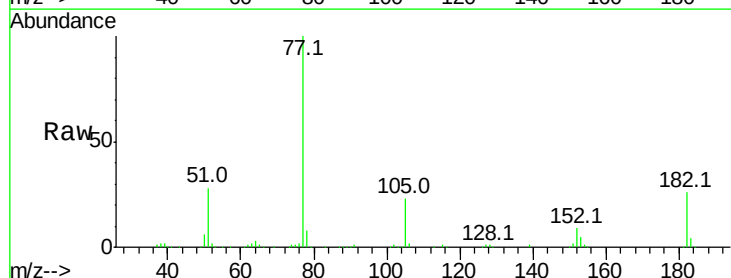
Instrument :
BNA_F
ClientSampleId :

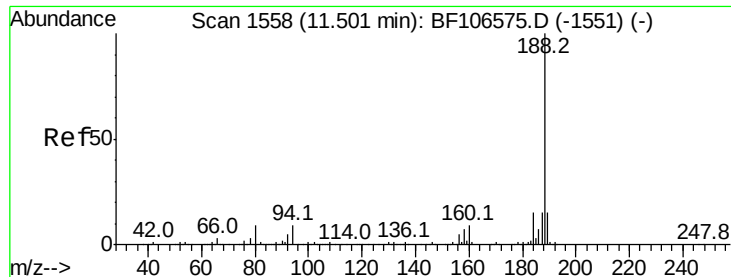
Tot Ion:138 Resp: 88343
Ion Ratio Lower Upper
138 100
92 49.1 30.2 70.2
108 68.5 52.5 92.5



#62
Azobenzene
Concen: 41.556 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

Tgt Ion: 77 Resp: 334870
Ion Ratio Lower Upper
77 100
182 26.4 1.7 41.7
105 23.4 3.0 43.0
51 28.1 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Instrument :

BNA_F

ClientSampleId :

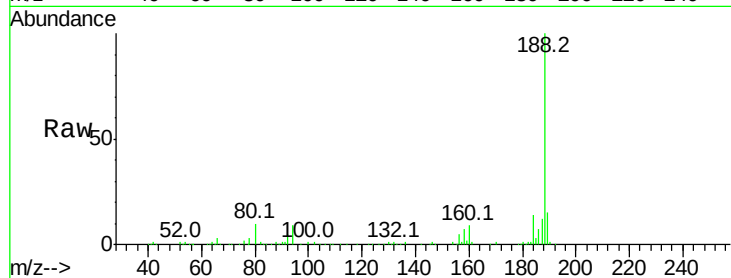
Tot Ion:188 Resp: 229205

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

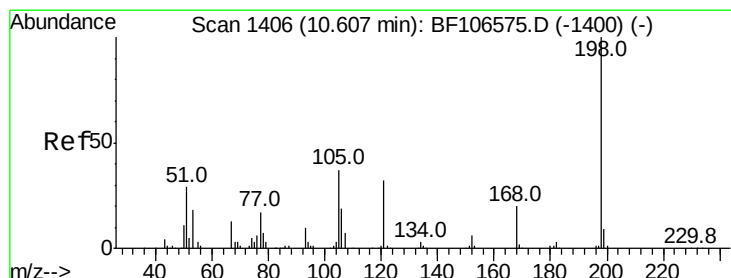
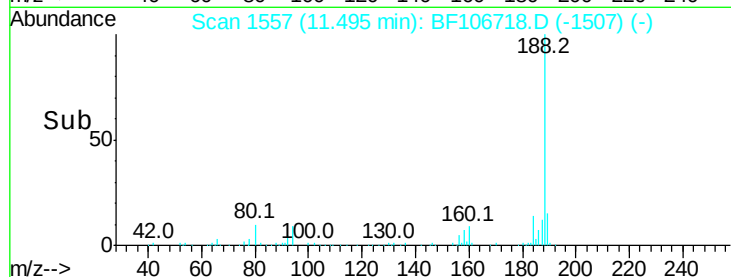
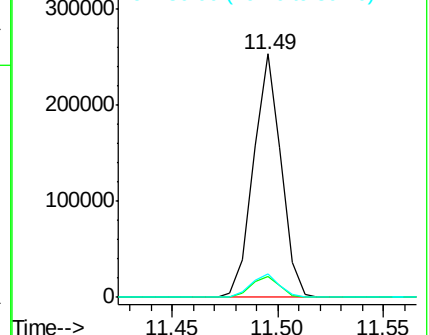
80 9.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 48.799 ng

RT: 10.61 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

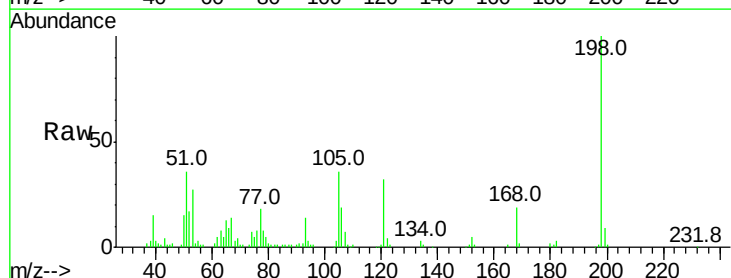
Tgt Ion:198 Resp: 69140

Ion Ratio Lower Upper

198 100

51 35.6 37.7 77.7#

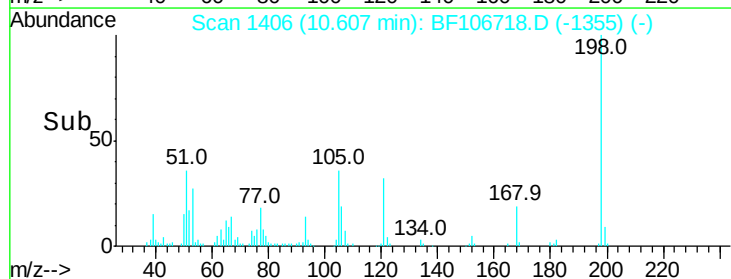
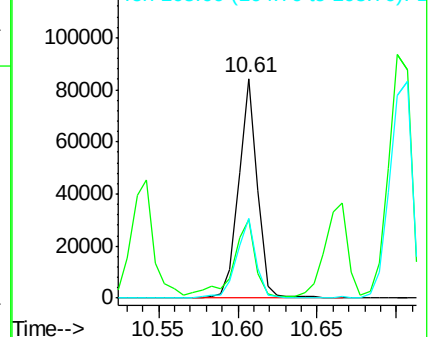
105 36.2 36.3 76.3#

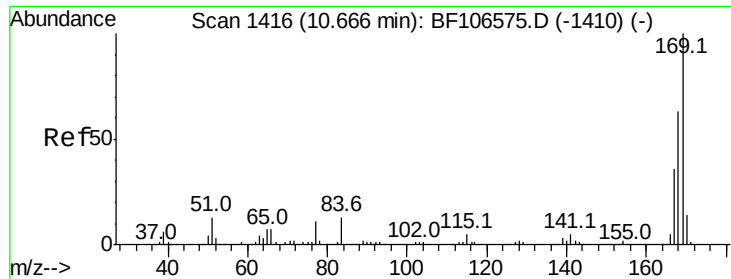


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

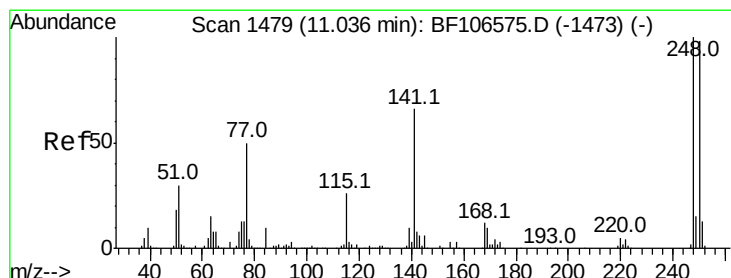
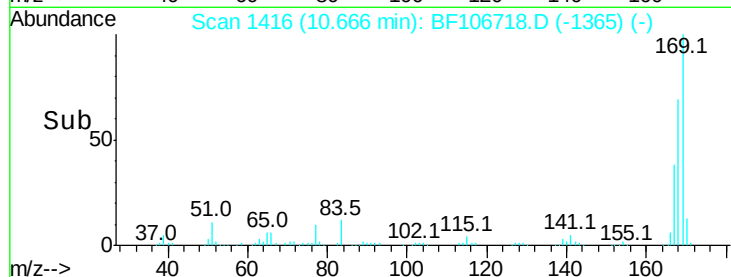
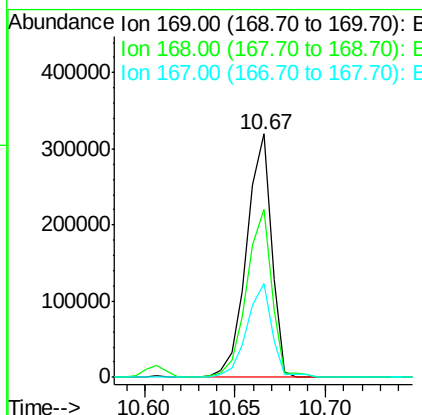
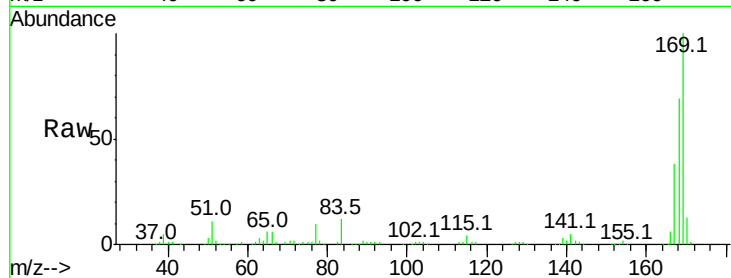




#65
 n-Nitrosodiphenylamine
 Concen: 39.718 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

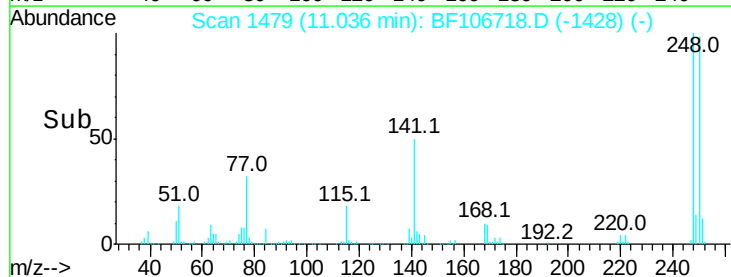
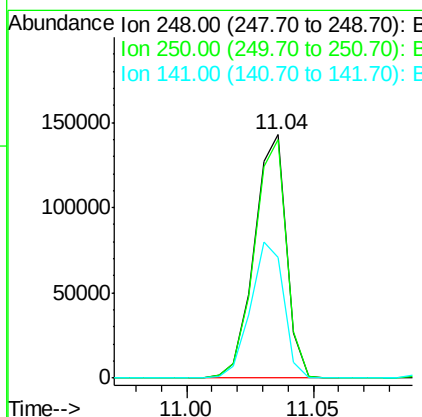
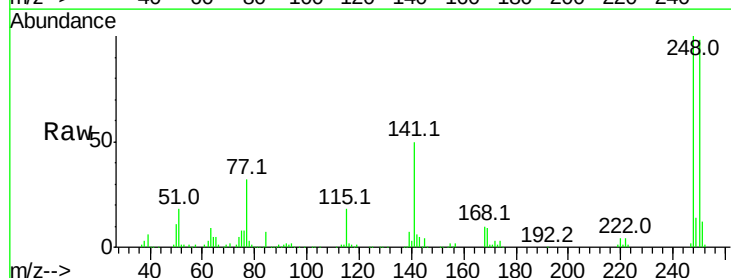
Instrument :
 BNA_F
 ClientSampleId :

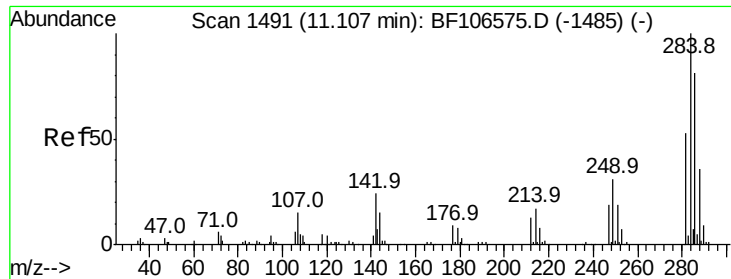
Tot Ion:169 Resp: 306200
 Ion Ratio Lower Upper
 169 100
 168 69.2 54.4 81.6
 167 38.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 45.977 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

Tgt Ion:248 Resp: 125767
 Ion Ratio Lower Upper
 248 100
 250 98.0 76.9 115.3
 141 49.7 74.4 111.6#

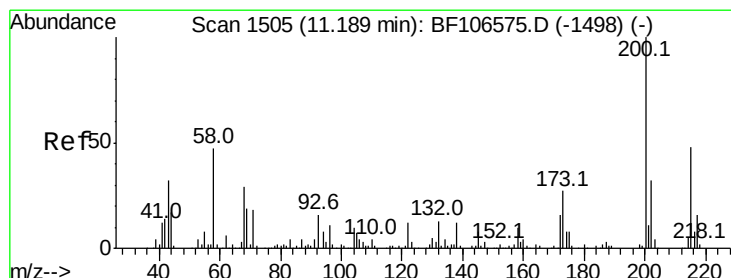
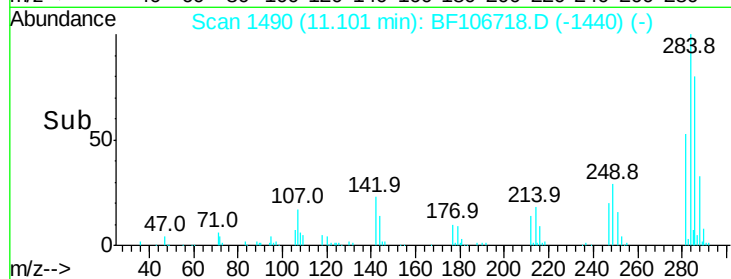
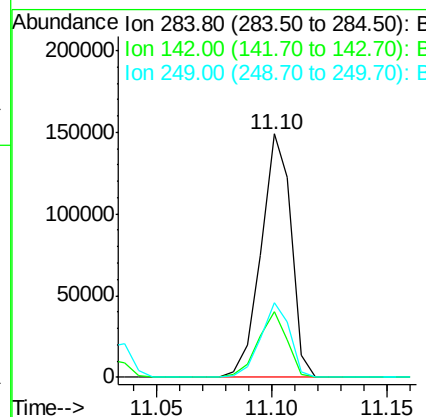
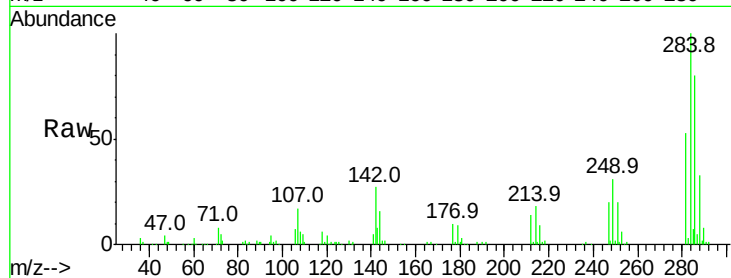




#67
Hexachlorobenzene
Concen: 47.270 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

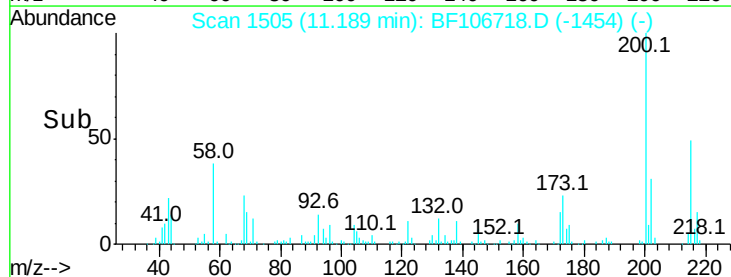
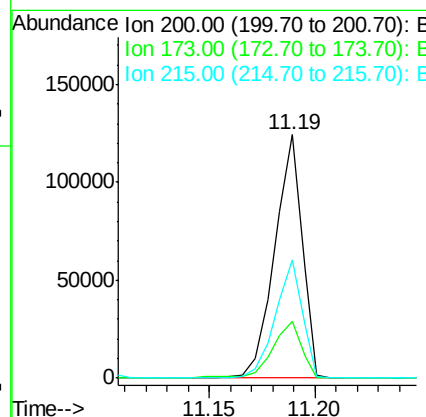
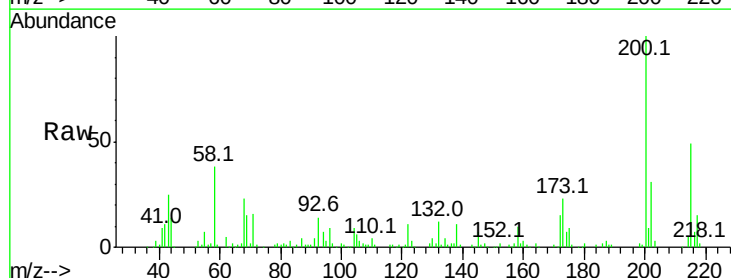
Instrument :
BNA_F
ClientSampleId :

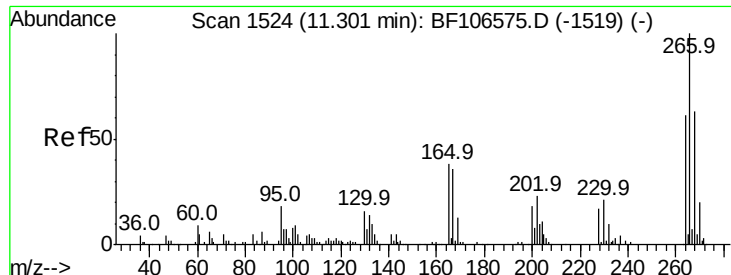
Tot Ion	Ratio	Lower	Upper
284	100		
142	26.8	34.6	52.0#
249	30.7	24.8	37.2



#68
Atrazine
Concen: 46.149 ng
RT: 11.19 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.5	8.6	48.6
215	48.5	25.1	65.1

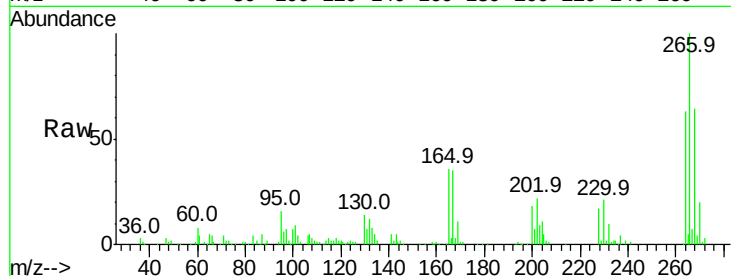




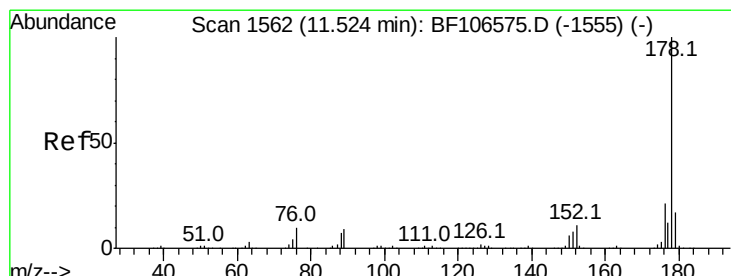
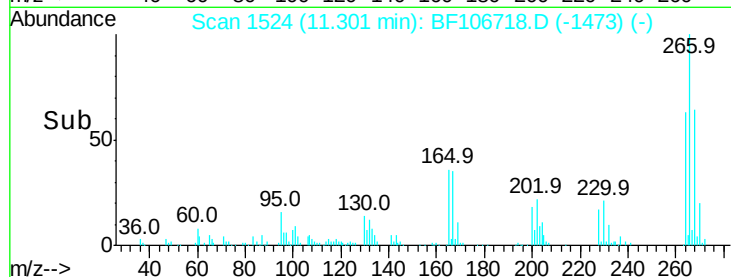
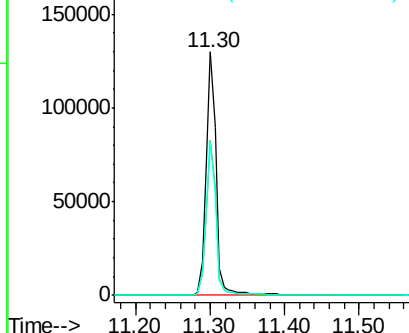
#69
 Pentachlorophenol
 Concen: 86.443 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.00 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	63.1	49.5	74.3

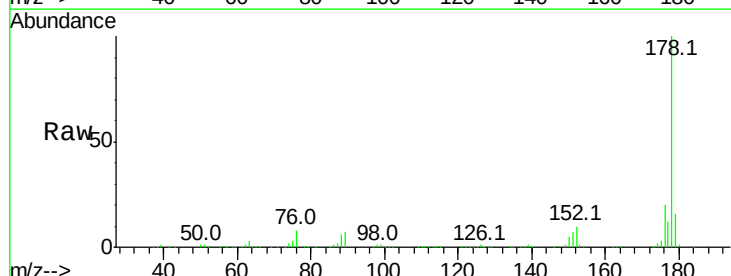


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

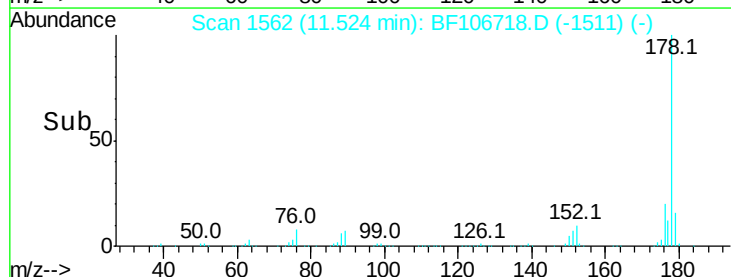
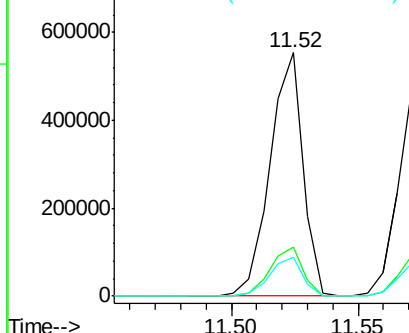


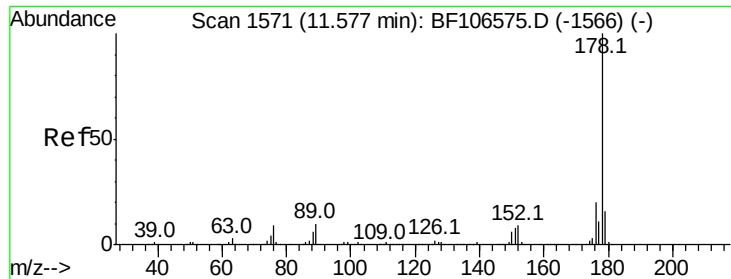
#70
 Phenanthrene
 Concen: 45.735 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	15.8	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

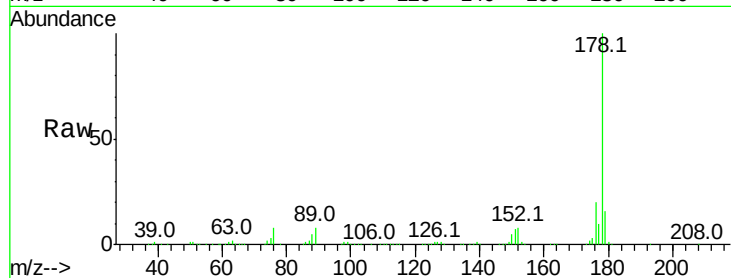




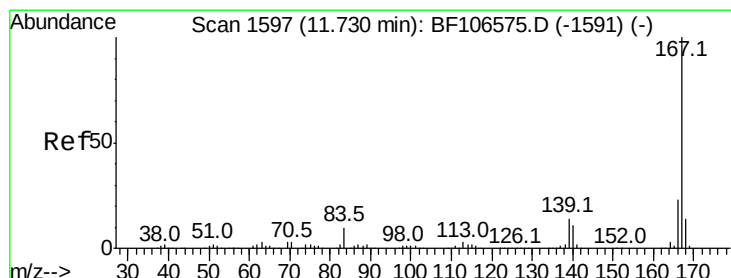
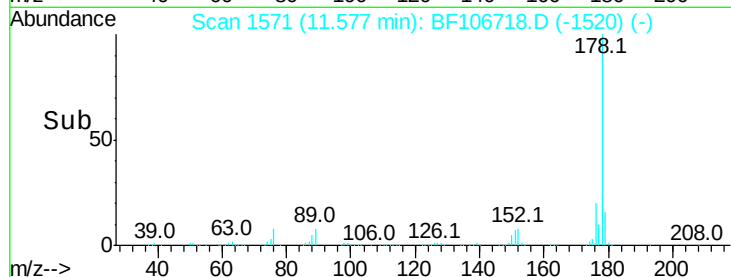
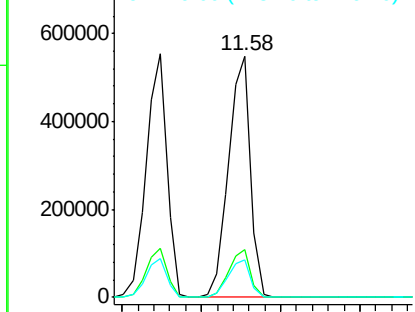
#71
 Anthracene
 Concen: 46.492 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 524611
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.2
 179 15.6 12.6 19.0

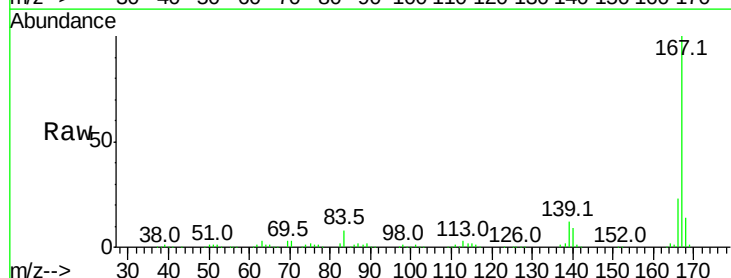


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

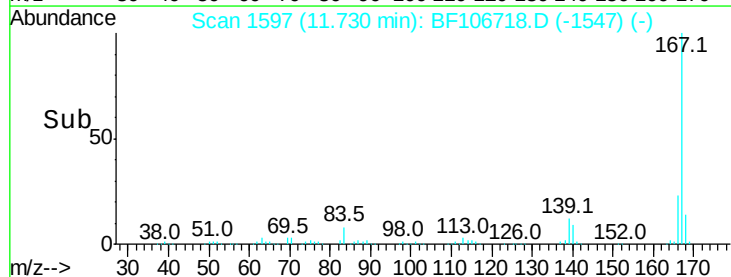
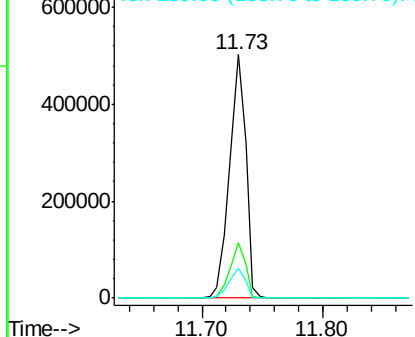


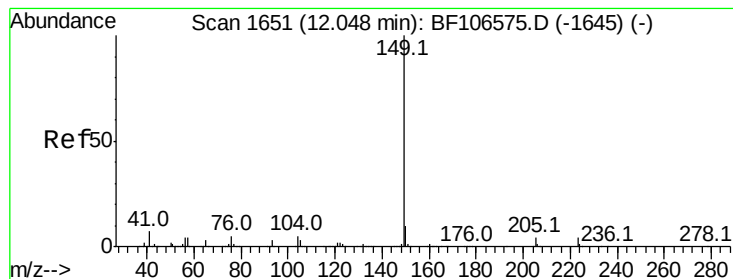
#72
 Carbazole
 Concen: 45.009 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

Tgt Ion:167 Resp: 475501
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 12.3 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.217 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

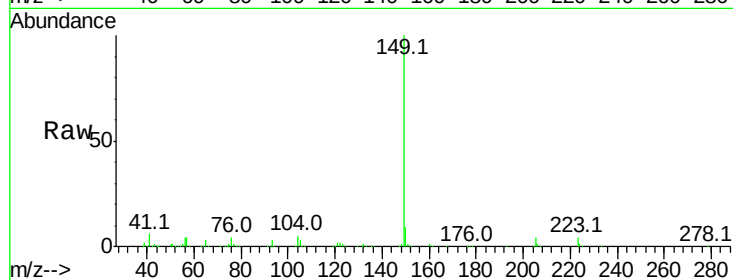
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 537881

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.8	3.8	5.8

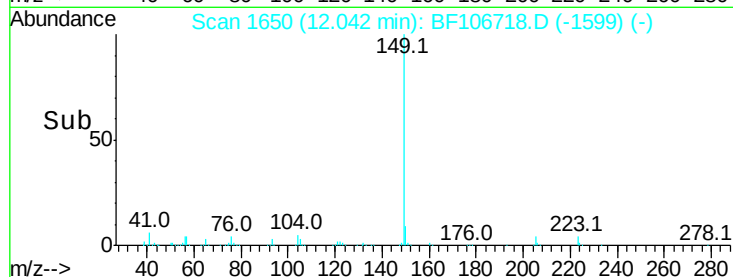


Abundance Ion 149.00 (148.70 to 149.70): E

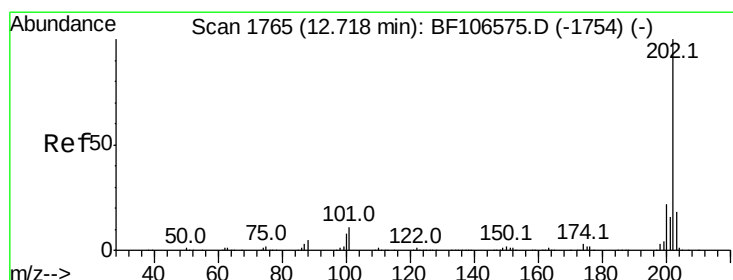
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

12.04



Time-->



#74

Fluoranthene

Concen: 45.752 ng

RT: 12.71 min Scan# 1764

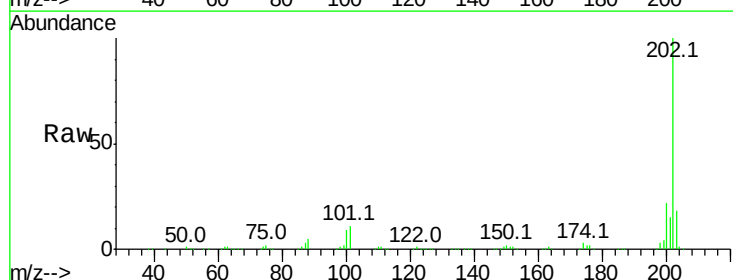
Delta R.T. -0.01 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Tgt Ion:202 Resp: 557487

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	34.1
203	18.0	0.0	38.1

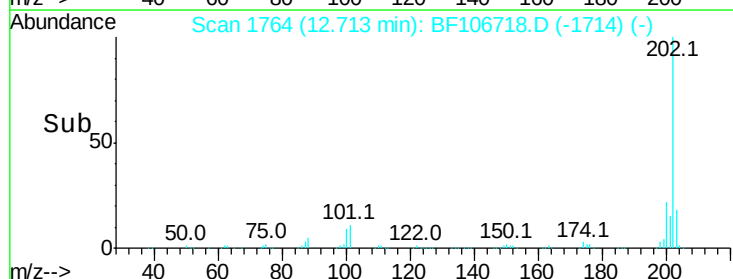


Abundance Ion 202.00 (201.70 to 202.70): E

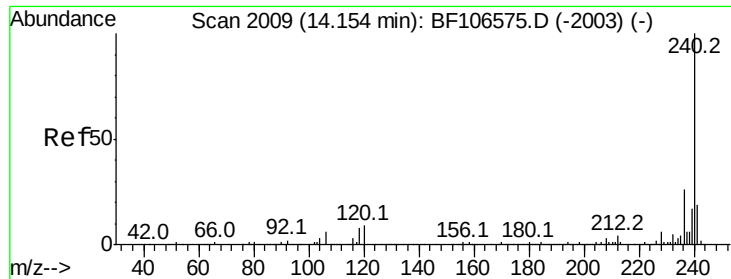
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.71



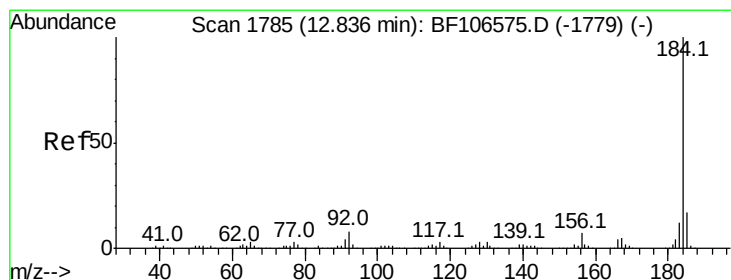
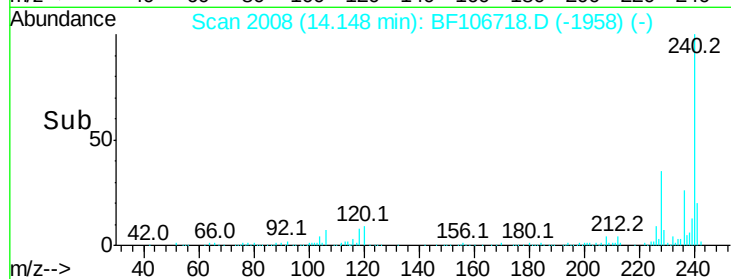
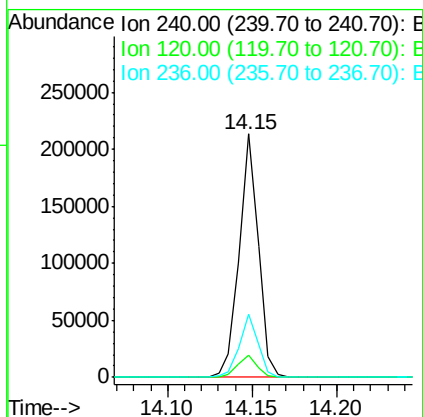
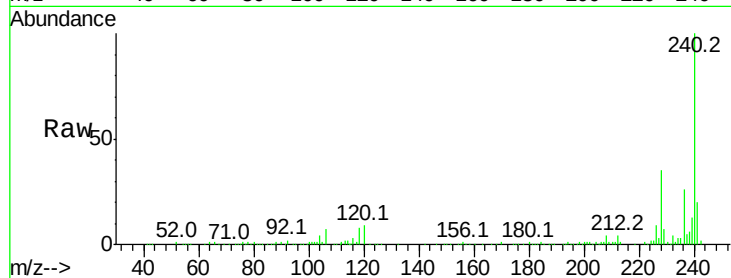
Time-->



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

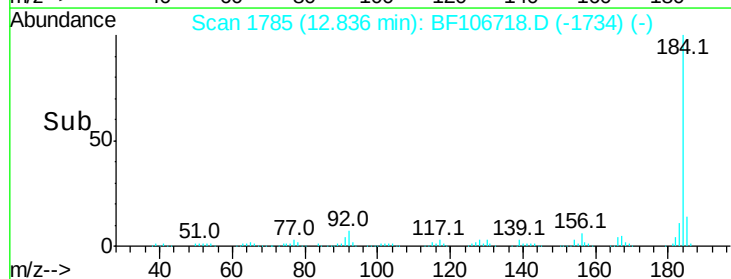
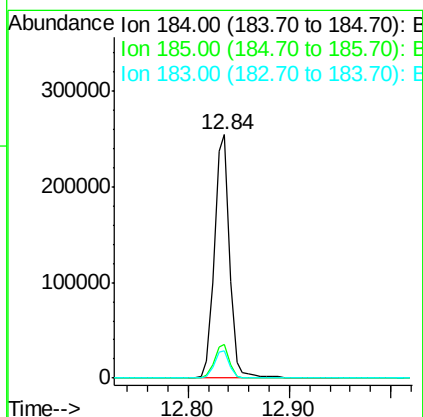
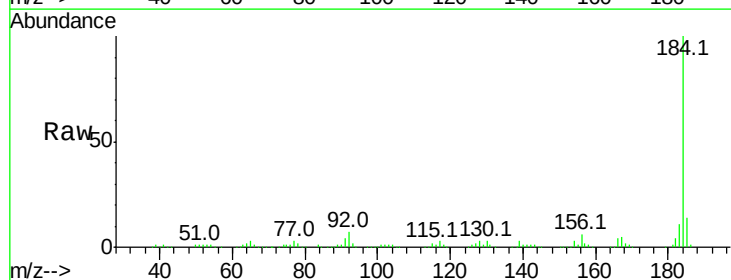
Instrument :
 BNA_F
 ClientSampleId :

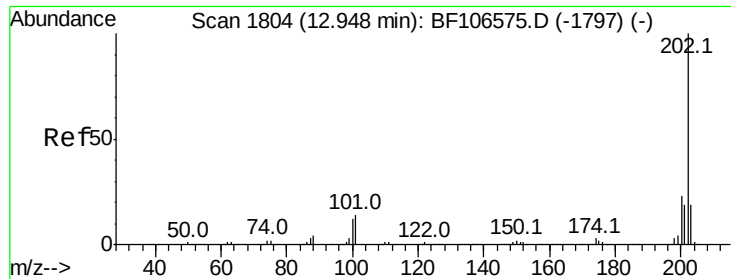
Tot Ion:240 Resp: 167641
 Ion Ratio Lower Upper
 240 100
 120 9.3 9.5 14.3#
 236 26.0 20.7 31.1



#76
 Benzidine
 Concen: 55.701 ng
 RT: 12.84 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

Tgt Ion:184 Resp: 265936
 Ion Ratio Lower Upper
 184 100
 185 14.0 12.6 18.8
 183 11.3 9.3 13.9

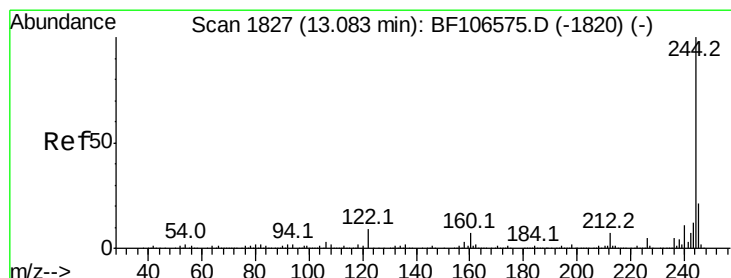
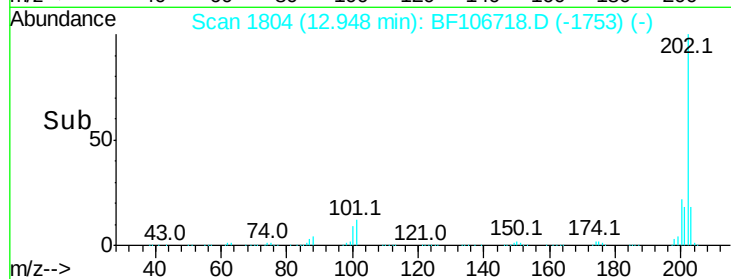
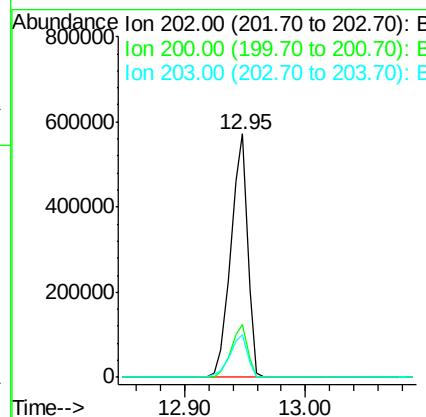
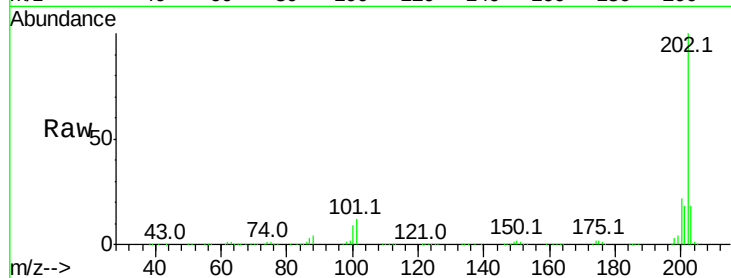




#77
Pvrene
Concen: 49.849 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

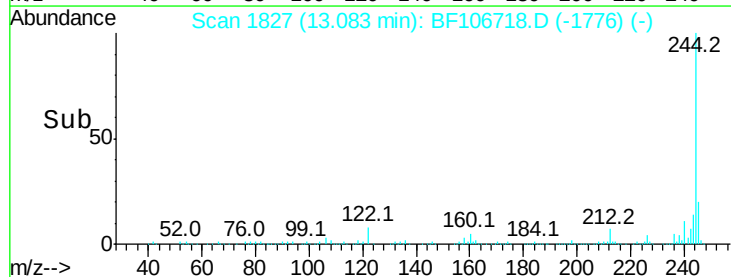
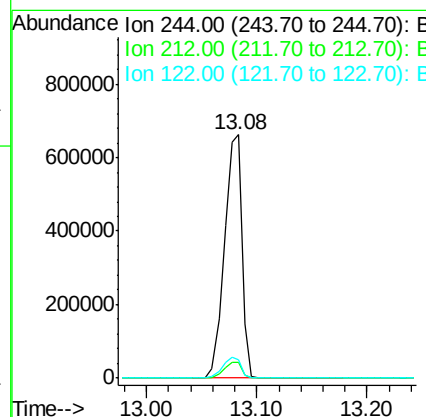
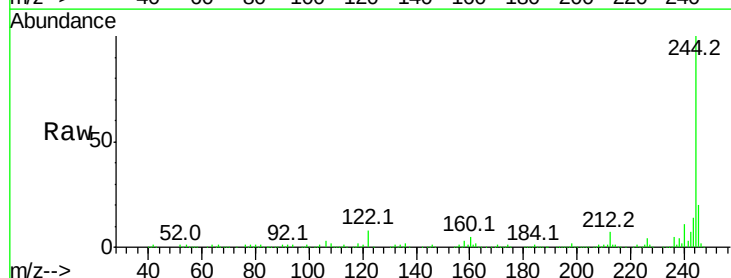
Instrument :
BNA_F
ClientSampleId :

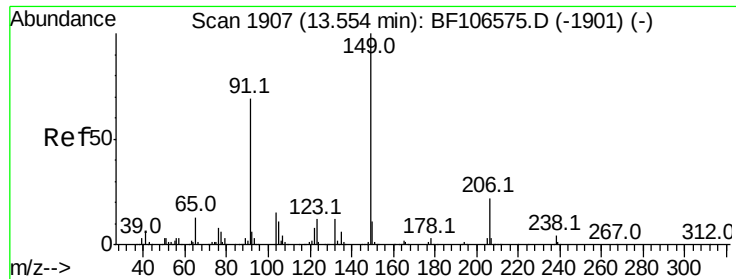
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.7	14.3	21.5



#78
Terphenyl-d14
Concen: 105.607 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	7.7	11.0	16.4





#79

Butylbenzylphthalate

Concen: 46.511 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF106718.D

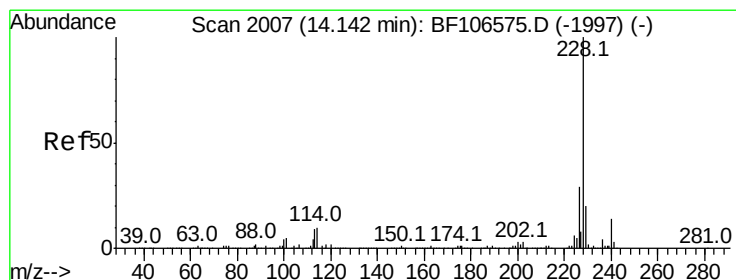
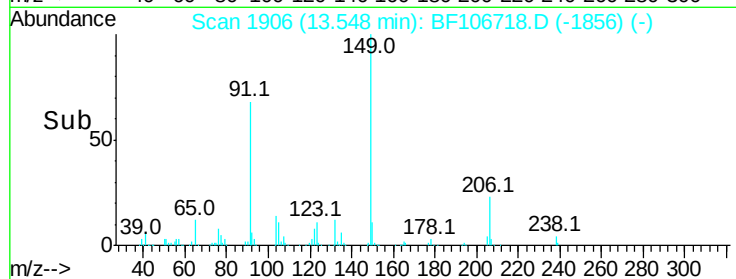
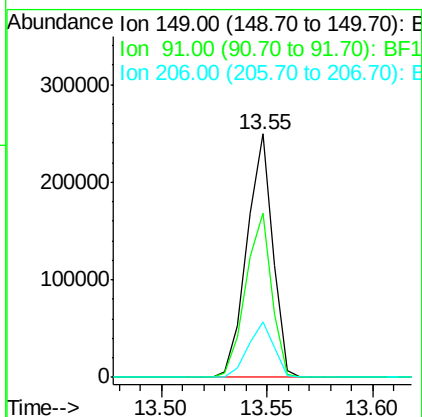
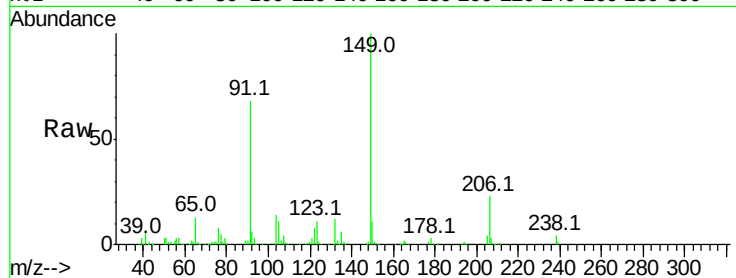
Acq: 22 Jun 2018 19:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	149	Resp:	211399
Ion	Ratio	Lower	Upper
149	100		
91	67.7	56.8	85.2
206	22.8	14.1	21.1#



#80

Benzo(a)anthracene

Concen: 46.256 ng

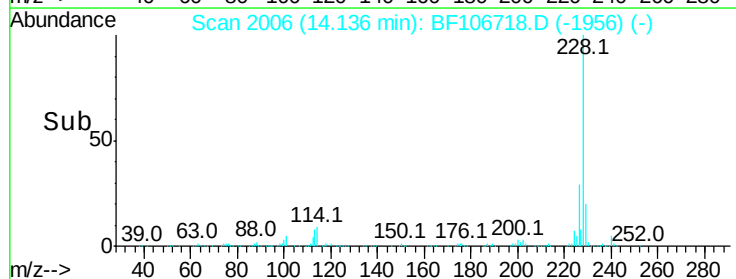
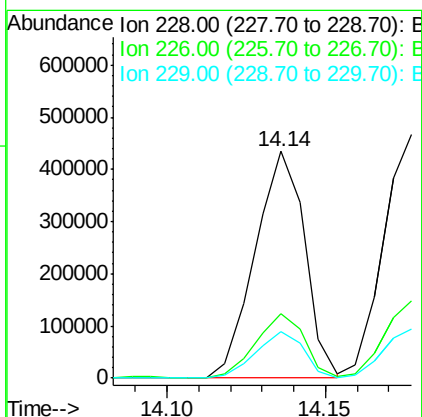
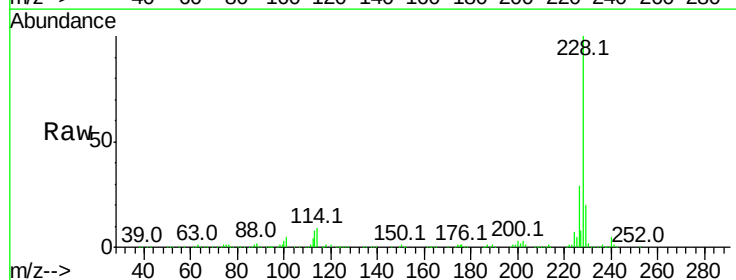
RT: 14.14 min Scan# 2006

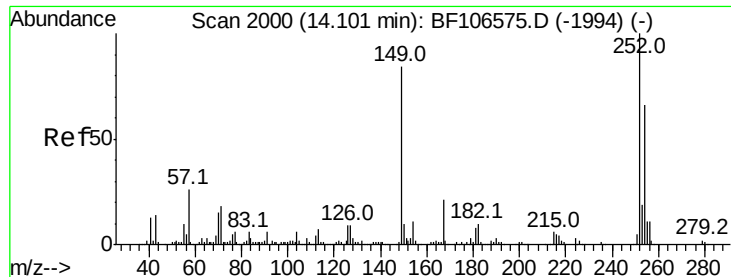
Delta R.T. -0.01 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Tgt Ion:	228	Resp:	472609
Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.3	15.8	23.6

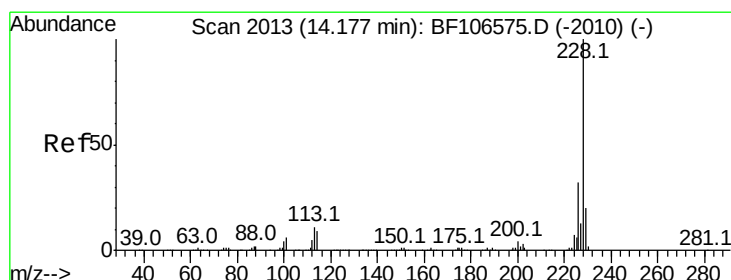
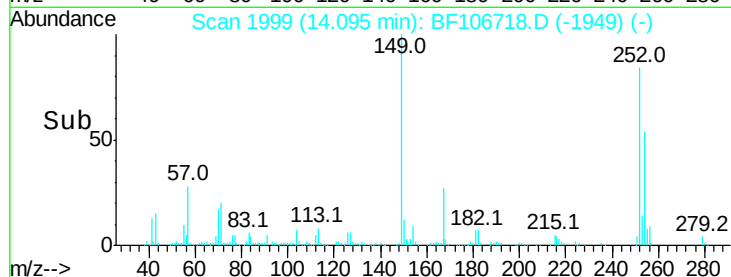
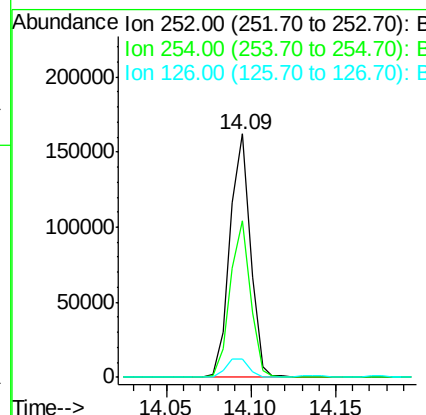
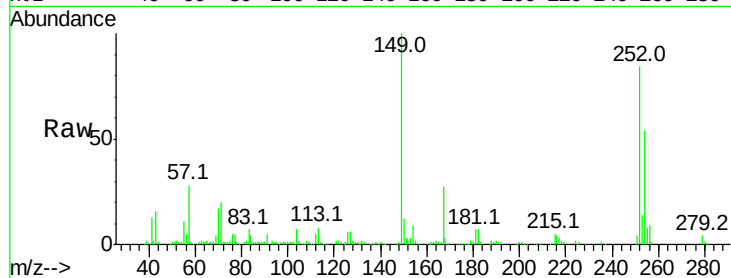




#81
 3,3'-Dichlorobenzidine
 Concen: 38.201 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

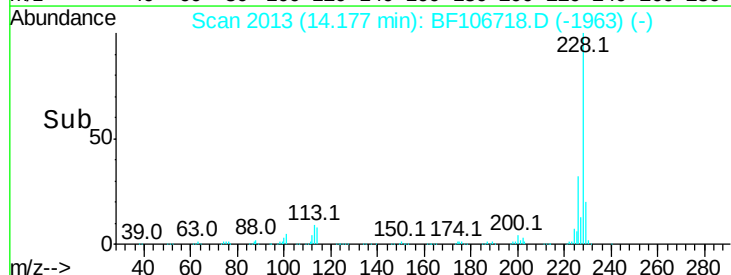
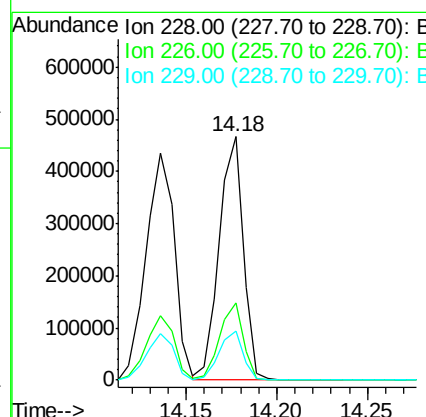
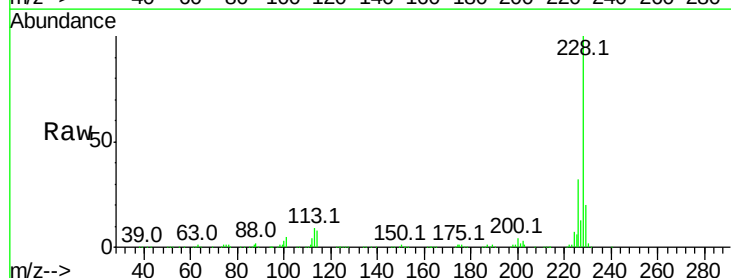
Instrument :
 BNA_F
 ClientSampleId :

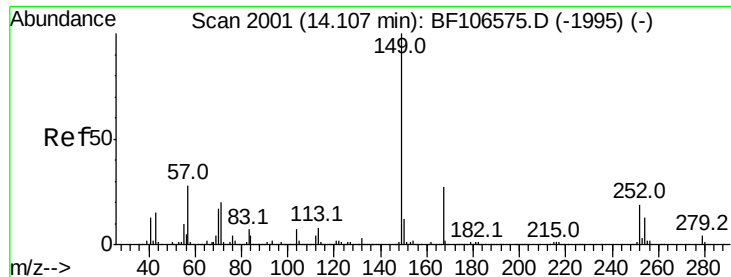
Tot Ion:252 Resp: 137178
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.4 75.6
 126 7.6 11.3 16.9#



#82
 Chrysene
 Concen: 46.024 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

Tgt Ion:228 Resp: 432615
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.0 37.6
 229 19.9 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.249 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Instrument :

BNA_F

ClientSampleId :

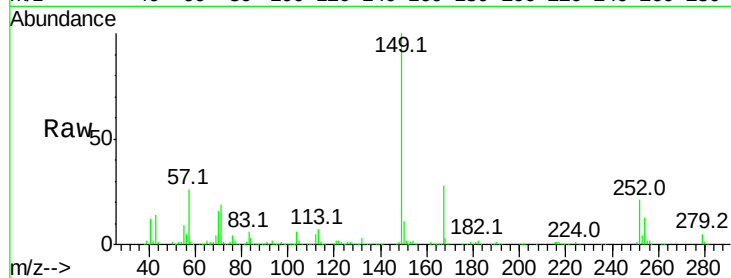
Tot Ion:149 Resp: 268745

Ion Ratio Lower Upper

149 100

167 28.1 21.3 31.9

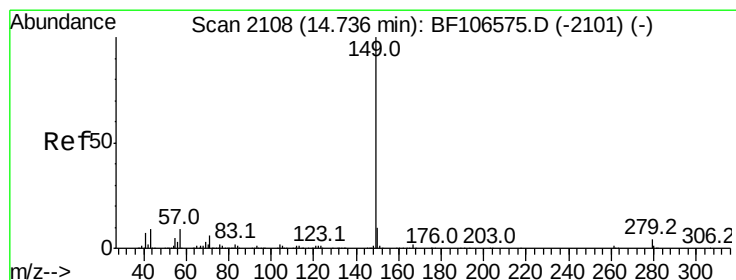
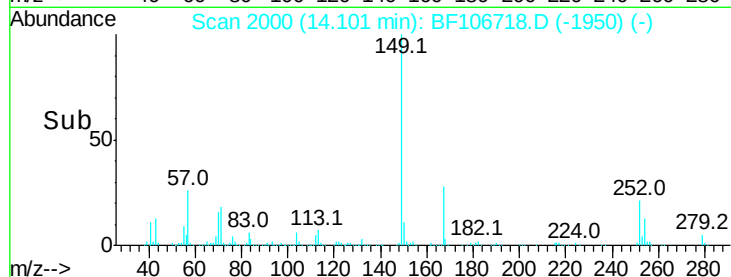
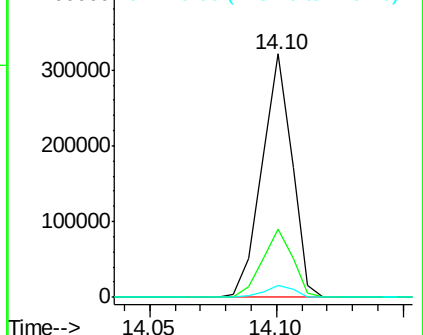
279 4.7 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.353 ng

RT: 14.73 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

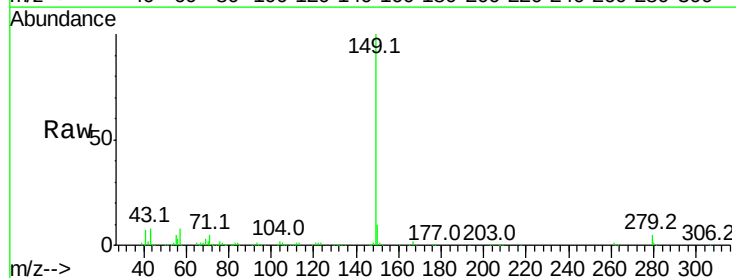
Tgt Ion:149 Resp: 429581

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

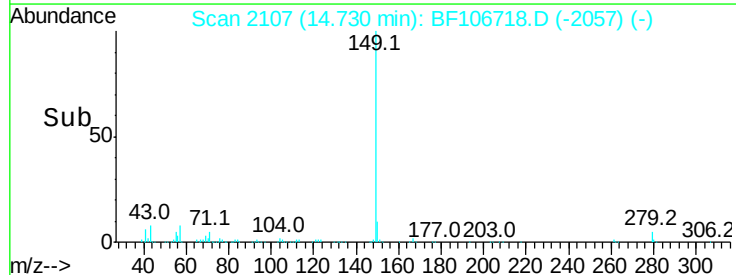
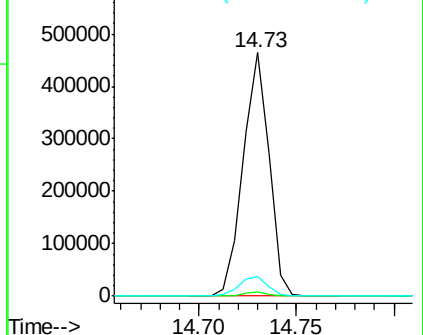
43 8.4 8.4 12.6

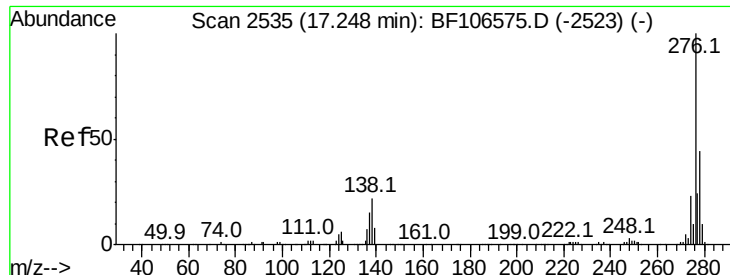


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

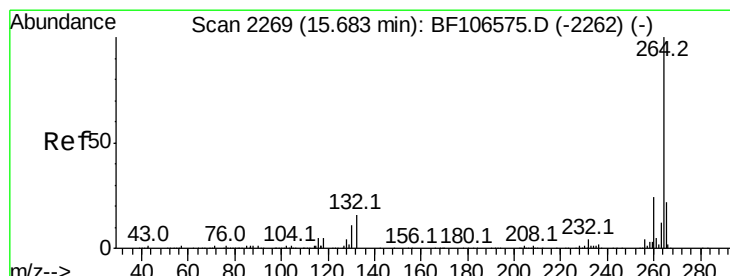
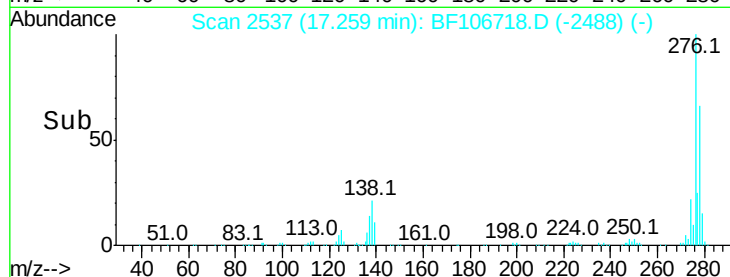
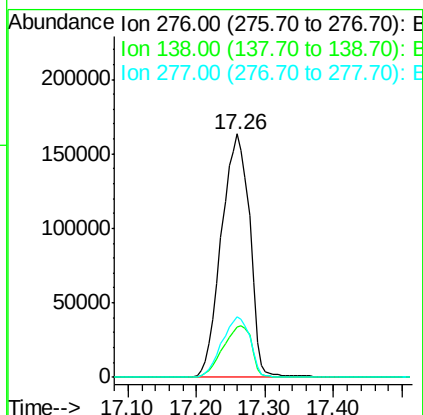
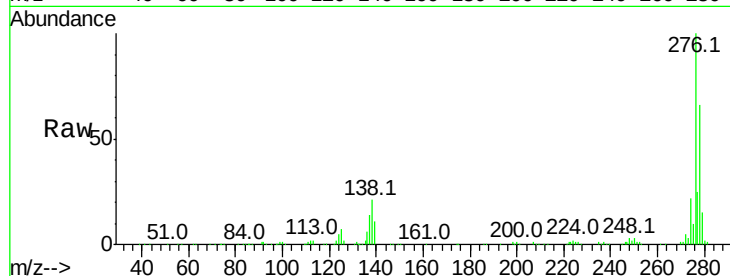




#85
Indeno(1,2,3-cd)pyrene
Concen: 58.620 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

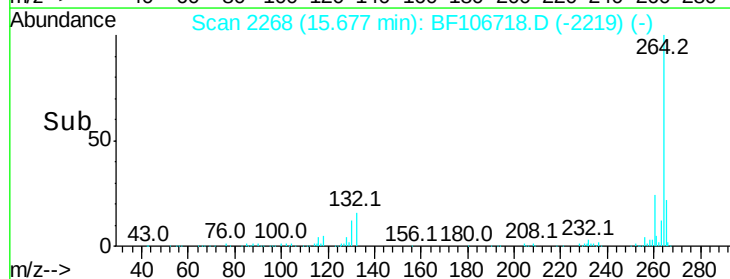
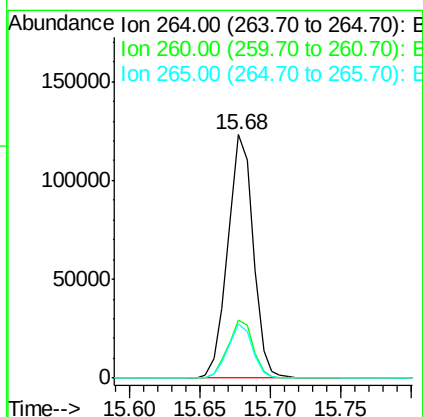
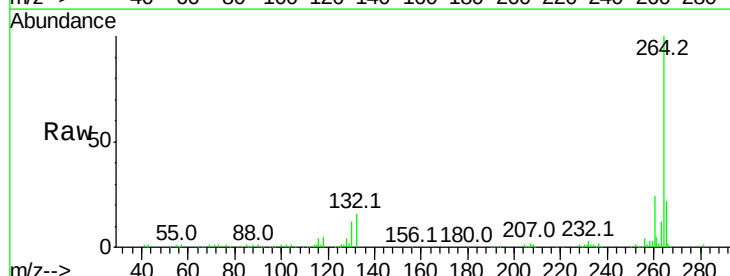
Instrument :
BNA_F
ClientSampleId :

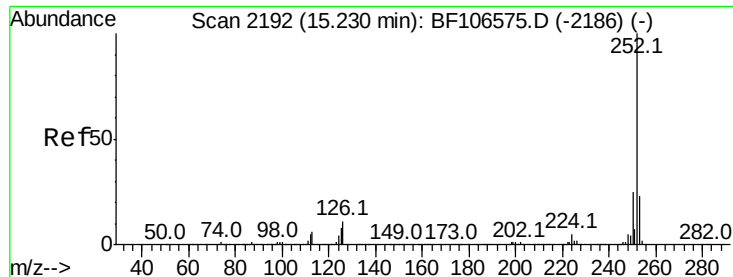
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.3	25.0	37.6#
277	24.7	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.5	17.5	26.3

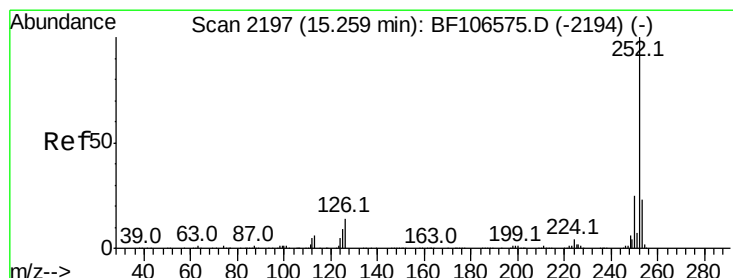
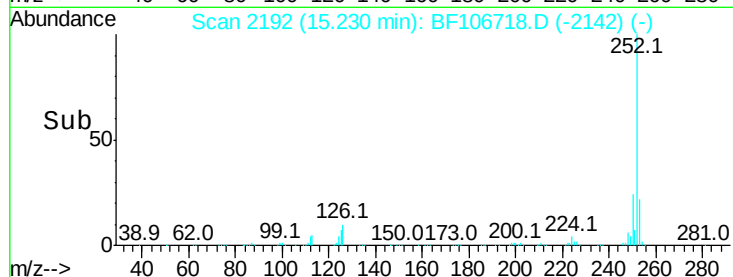
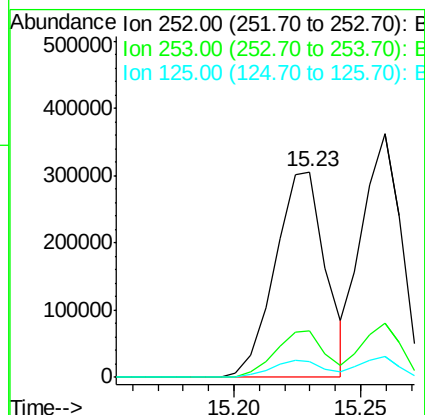
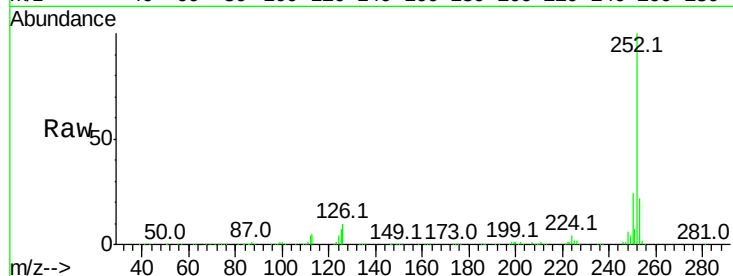




#87
Benzo(b)fluoranthene
Concen: 44.268 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

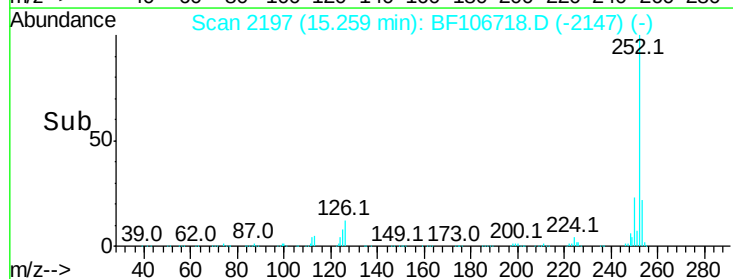
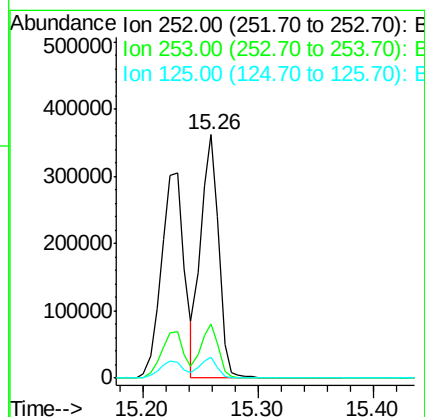
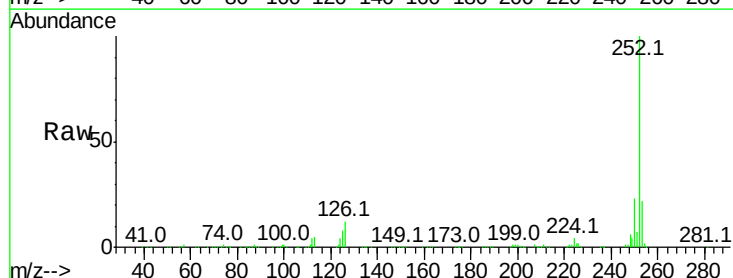
Instrument :
BNA_F
ClientSampled :

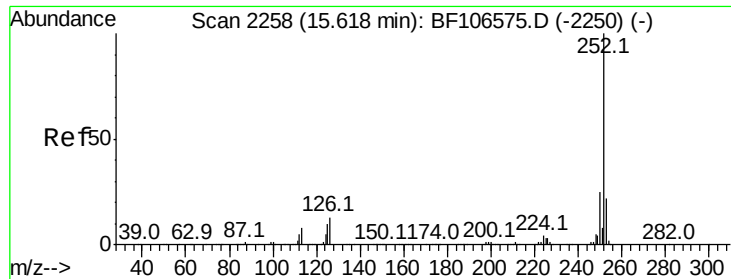
Tot Ion:252 Resp: 425421
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 7.5 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 43.094 ng
RT: 15.26 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF106718.D
Acq: 22 Jun 2018 19:43

Tgt Ion:252 Resp: 394384
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.4 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 46.744 ng

RT: 15.62 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

Instrument :

BNA_F

ClientSampleId :

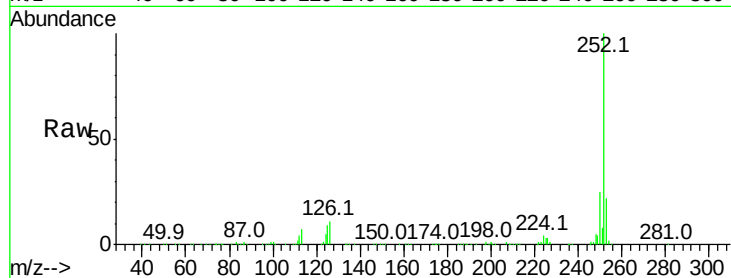
Tot Ion:252 Resp: 399346

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

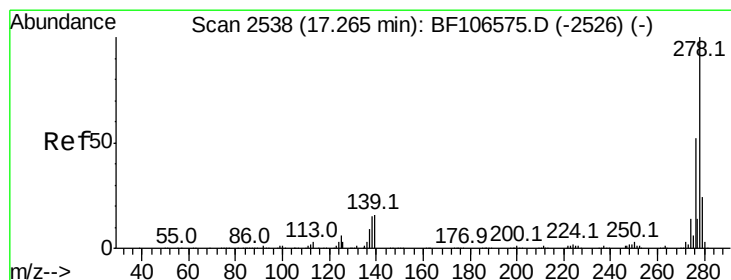
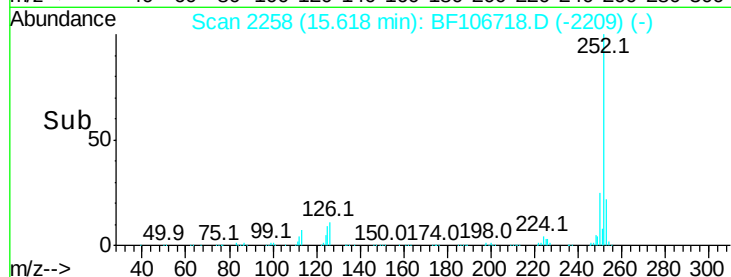
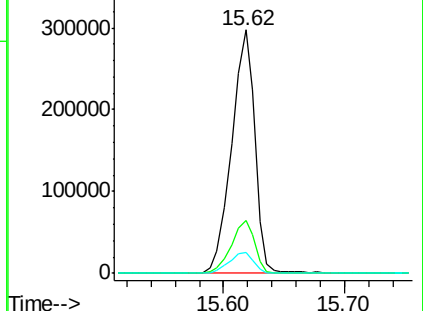
125 8.7 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 52.290 ng

RT: 17.28 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BF106718.D

Acq: 22 Jun 2018 19:43

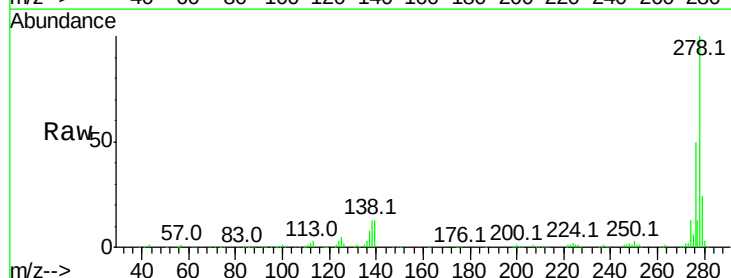
Tgt Ion:278 Resp: 378591

Ion Ratio Lower Upper

278 100

139 13.4 15.9 23.9#

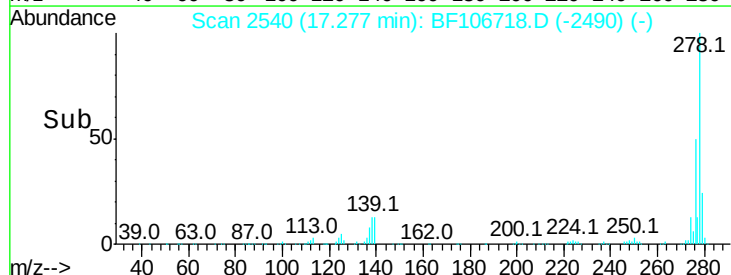
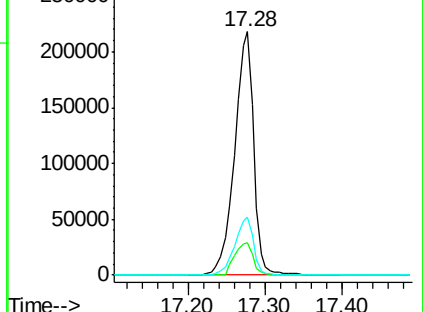
279 24.0 19.0 28.4

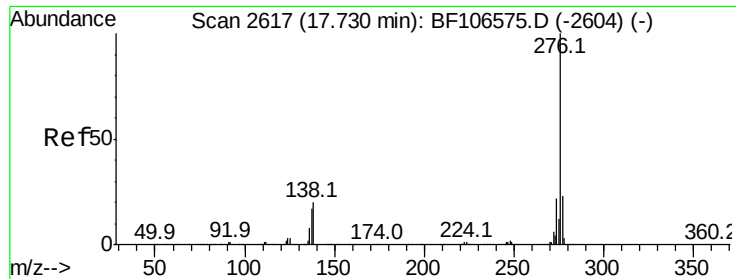


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 56.752 ng
 RT: 17.74 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BF106718.D
 Acq: 22 Jun 2018 19:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	18.9	21.8	32.8

