

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106717.D
 Acq On : 22 Jun 2018 19:16
 Operator : JU/SJ
 Sample : J3573-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 22:23:25 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	55775	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	217026	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	115610	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	238798	20.00	ng	0.00
75) Chrysene-d12	14.15	240	174018	20.00	ng	0.00
86) Perylene-d12	15.68	264	151368	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	385503	117.04	ng	0.00
7) Phenol-d6	6.61	99	509780	123.93	ng	0.00
23) Nitrobenzene-d5	7.53	82	338397	86.65	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	198466	148.11	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	595620	87.67	ng	0.00
78) Terphenyl-d14	13.08	244	734511	102.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	45213	26.699	ng	98
3) Pyridine	3.62	79	140345	30.559	ng	98
4) n-Nitrosodimethylamine	3.58	42	63312	32.458	ng	86
6) Aniline	6.63	93	197841	35.457	ng	98
8) 2-Chlorophenol	6.75	128	142832	39.536	ng	99
9) Benzaldehyde	6.51	77	68217	21.480	ng	97
10) Phenol	6.62	94	183918	39.179	ng	# 70
11) bis(2-Chloroethyl)ether	6.70	93	146222	37.731	ng	98
12) 1,3-Dichlorobenzene	6.90	146	160492	37.930	ng	98
13) 1,4-Dichlorobenzene	6.98	146	161292	37.704	ng	98
14) 1,2-Dichlorobenzene	7.13	146	152573	38.917	ng	98
15) Benzyl Alcohol	7.10	79	129826	39.307	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	211594	41.614	ng	89
17) 2-Methylphenol	7.22	107	126106	40.789	ng	# 94
18) Hexachloroethane	7.47	117	55971	37.206	ng	# 83
19) n-Nitroso-di-n-propylamine	7.37	70	98516	36.334	ng	94
20) 3+4-Methylphenols	7.37	107	146443	43.458	ng	# 74
22) Acetophenone	7.37	105	191616	39.464	ng	# 93
24) Nitrobenzene	7.55	77	158347	39.715	ng	98
25) Isophorone	7.78	82	307414	44.672	ng	100
26) 2-Nitrophenol	7.86	139	84608	44.953	ng	98
27) 2,4-Dimethylphenol	7.90	122	138782	47.705	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	191996	41.554	ng	97
29) 2,4-Dichlorophenol	8.11	162	139325	45.745	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	146274	43.596	ng	98
31) Naphthalene	8.27	128	426441	42.028	ng	99
32) Benzoic acid	7.99	122	18696	13.511	ng	97
33) 4-Chloroaniline	8.31	127	161949	38.039	ng	98
34) Hexachlorobutadiene	8.37	225	96470	44.126	ng	98
35) Caprolactam	8.70	113	27746	27.947	ng	99
36) 4-Chloro-3-methylphenol	8.81	107	147909	46.138	ng	96
37) 2-Methylnaphthalene	8.96	142	316539	47.066	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	163329	41.950	ng	# 96
40) Hexachlorocyclopentadiene	9.11	237	162912	81.329	ng	97

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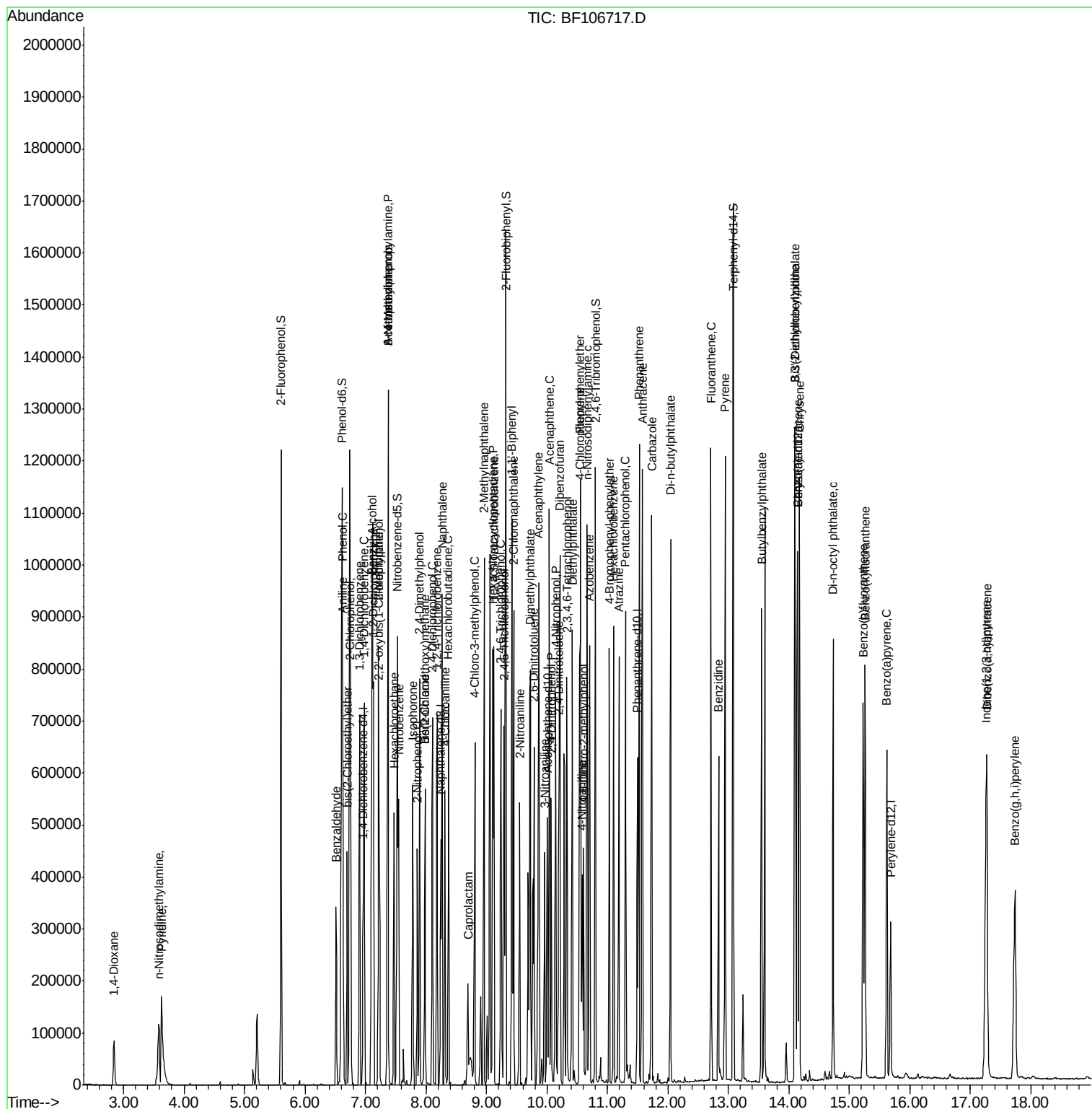
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	106863	41.292	ng	94
43) 2,4,5-Trichlorophenol	9.29	196	112887	41.802	ng	# 87
45) 1,1'-Biphenyl	9.42	154	386804	41.982	ng	99
46) 2-Chloronaphthalene	9.45	162	286749	39.539	ng	96
47) 2-Nitroaniline	9.55	65	96087	39.400	ng	95
48) Acenaphthylene	9.87	152	461327	40.290	ng	99
49) Dimethylphthalate	9.72	163	435549	50.231	ng	98
50) 2,6-Dinitrotoluene	9.79	165	84293	45.909	ng	91
51) Acenaphthene	10.04	154	278296	38.597	ng	97
52) 3-Nitroaniline	9.96	138	76374	36.147	ng	99
53) 2,4-Dinitrophenol	10.07	184	80303	83.843	ng	# 18
54) Dibenzofuran	10.21	168	431933	43.749	ng	97
55) 4-Nitrophenol	10.14	139	110825	75.146	ng	97
56) 2,4-Dinitrotoluene	10.20	165	113600	47.400	ng	89
57) Fluorene	10.55	166	334215	42.659	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	106743	49.725	ng	# 79
59) Diethylphthalate	10.42	149	335296	40.065	ng	# 94
60) 4-Chlorophenyl-phenylether	10.54	204	175548	42.824	ng	# 84
61) 4-Nitroaniline	10.58	138	88132	42.030	ng	98
62) Azobenzene	10.70	77	327917	39.790	ng	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	66195	44.844	ng	# 74
65) n-Nitrosodiphenylamine	10.67	169	305338	38.015	ng	99
66) 4-Bromophenyl-phenylether	11.03	248	124419	43.657	ng	# 83
67) Hexachlorobenzene	11.10	284	132294	44.352	ng	# 84
68) Atrazine	11.19	200	109294	42.803	ng	95
69) Pentachlorophenol	11.30	266	119487	80.283	ng	99
70) Phenanthrene	11.52	178	499175	43.340	ng	99
71) Anthracene	11.58	178	519817	44.216	ng	100
72) Carbazole	11.73	167	457539	41.569	ng	99
73) Di-n-butylphthalate	12.04	149	531192	40.965	ng	100
74) Fluoranthene	12.71	202	537448	42.336	ng	97
76) Benzidine	12.84	184	269894	54.458	ng	97
77) Pyrene	12.95	202	536999	46.796	ng	99
79) Butylbenzylphthalate	13.55	149	203654	43.165	ng	# 94
80) Benzo(a)anthracene	14.14	228	459637	43.338	ng	100
81) 3,3'-Dichlorobenzidine	14.09	252	131648	35.318	ng	# 96
82) Chrysene	14.18	228	421864	43.236	ng	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	266313	44.151	ng	97
84) Di-n-octyl phthalate	14.73	149	414468	42.154	ng	96
85) Indeno(1,2,3-cd)pyrene	17.26	276	427096	51.579	ng	# 90
87) Benzo(b)fluoranthene	15.23	252	388694	41.338	ng	# 95
88) Benzo(k)fluoranthene	15.26	252	372273	41.575	ng	# 96
89) Benzo(a)pyrene	15.62	252	369999	44.264	ng	# 97
90) Dibenzo(a,h)anthracene	17.28	278	349616	49.352	ng	# 93
91) Benzo(g,h,i)perylene	17.74	276	367824	53.122	ng	# 90

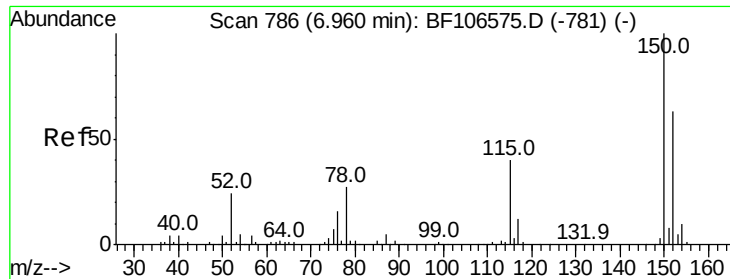
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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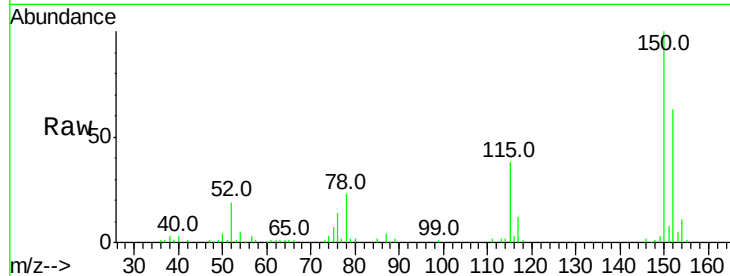


#1

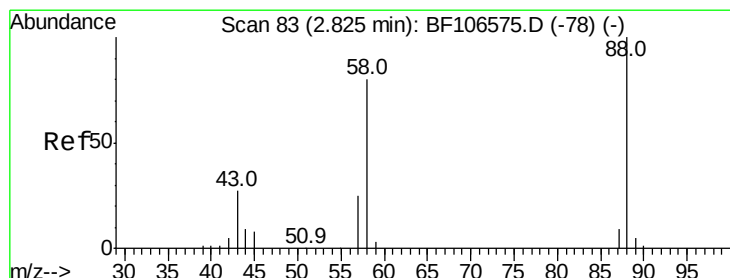
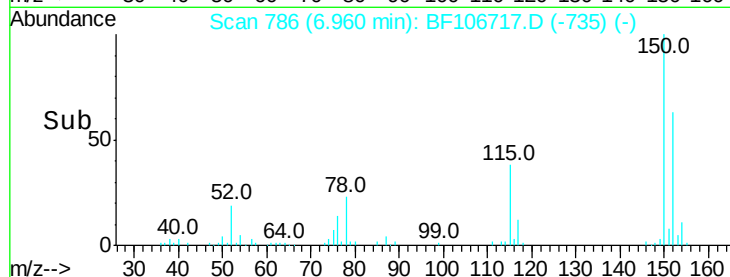
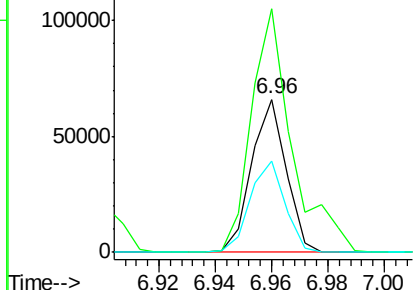
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 55775
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 59.9 50.1 75.1



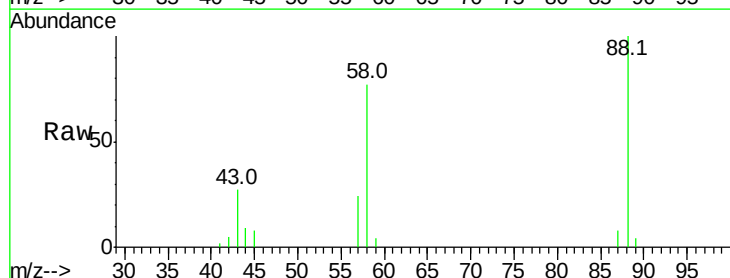
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



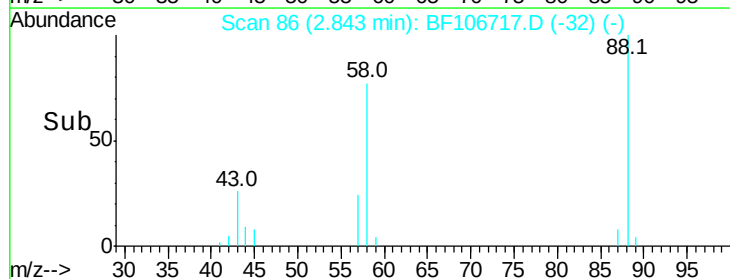
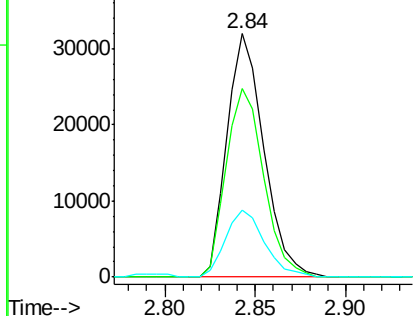
#2

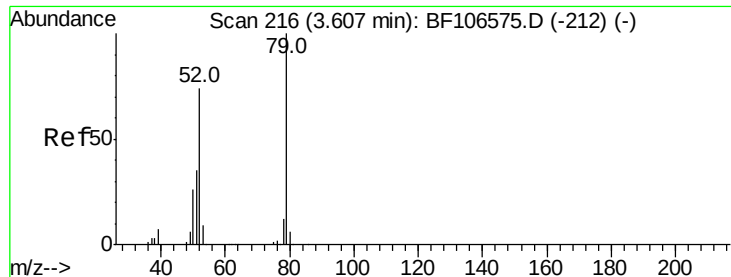
1,4-Dioxane
Concen: 26.699 ng
RT: 2.84 min Scan# 86
Delta R.T. 0.02 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

Tgt Ion: 88 Resp: 45213
Ion Ratio Lower Upper
88 100
58 79.2 62.6 93.8
43 29.1 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: 30.559 ng

RT: 3.62 min Scan# 219

Delta R.T. 0.02 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

Instrument :

BNA_F

ClientSampleId :

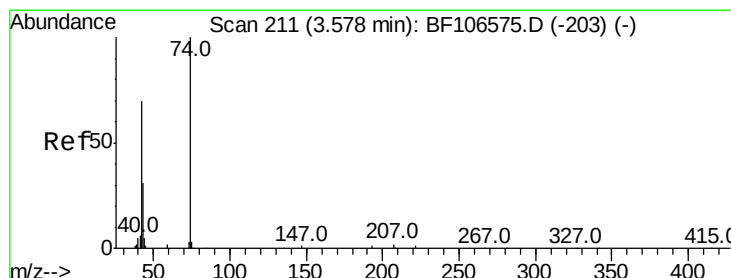
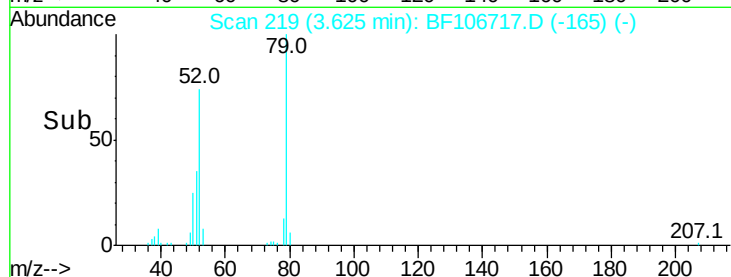
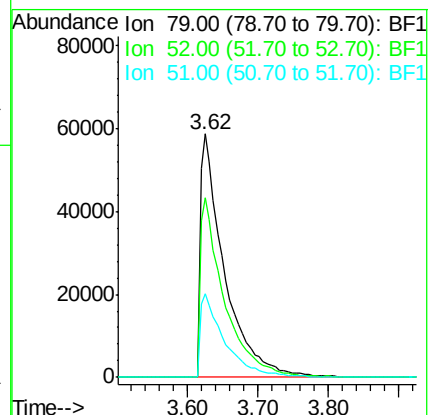
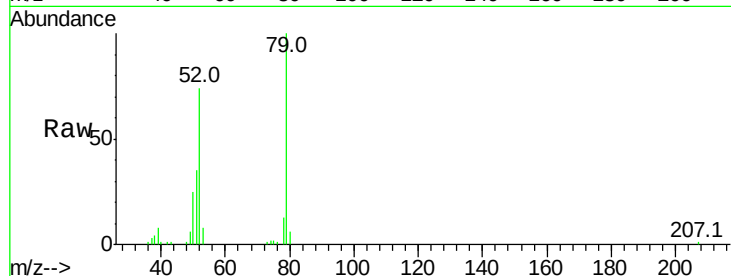
Tot Ion: 79 Resp: 140345

Ion Ratio Lower Upper

79 100

52 73.6 59.8 89.6

51 34.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 32.458 ng

RT: 3.58 min Scan# 212

Delta R.T. 0.01 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

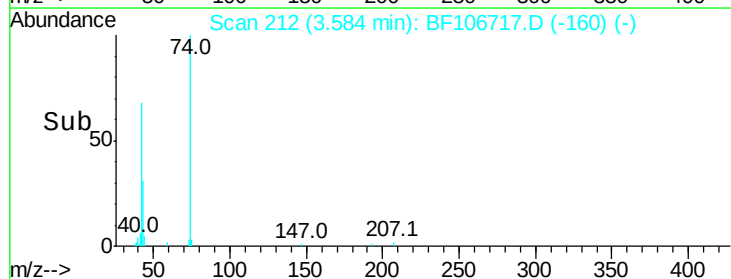
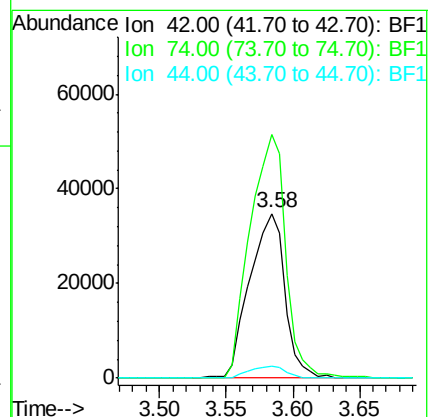
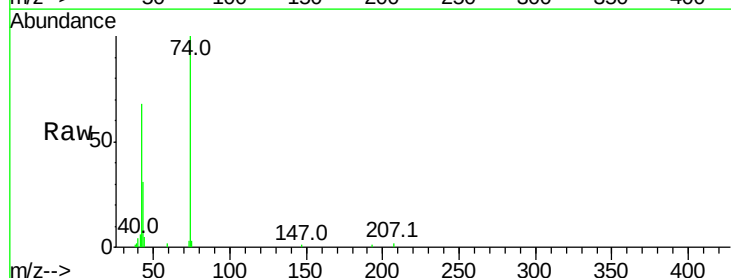
Tgt Ion: 42 Resp: 63312

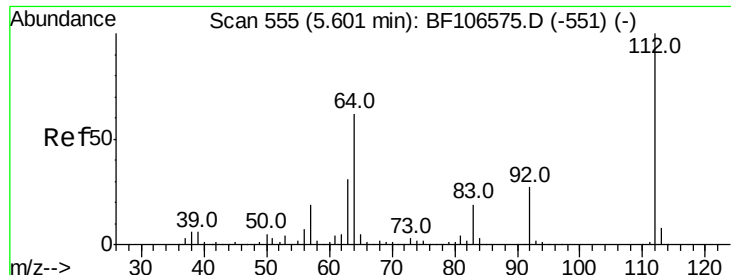
Ion Ratio Lower Upper

42 100

74 147.8 104.9 157.3

44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 117.038 ng

RT: 5.61 min Scan# 556

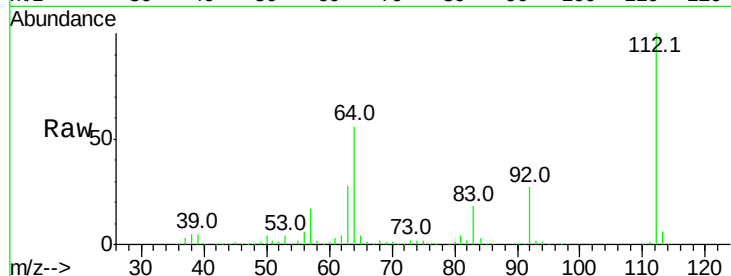
Delta R.T. 0.01 min

Lab File: BF106717.D

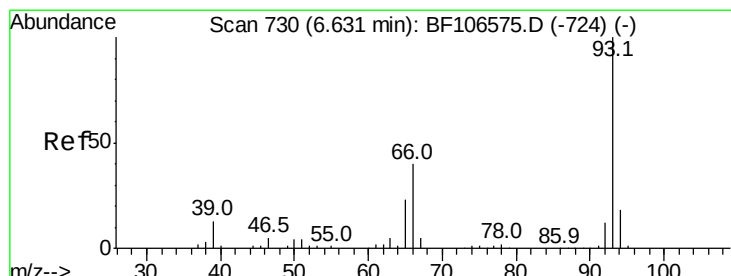
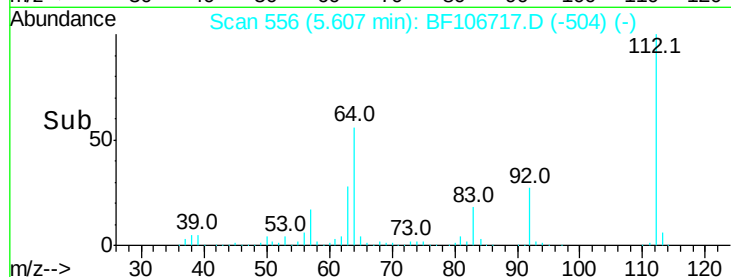
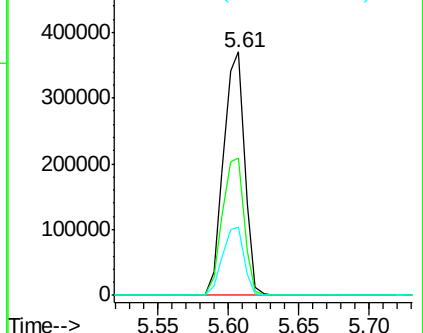
Acq: 22 Jun 2018 19:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	385503
Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	28.0	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.457 ng

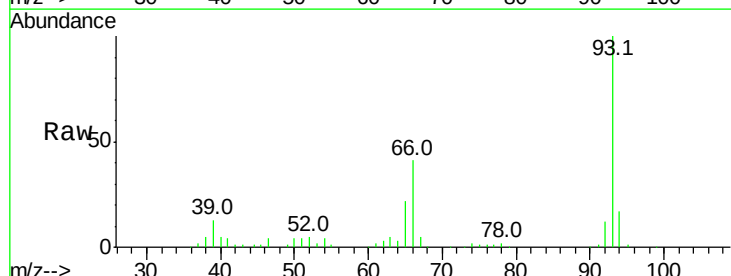
RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

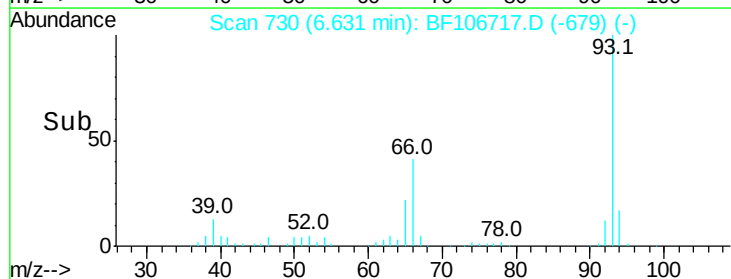
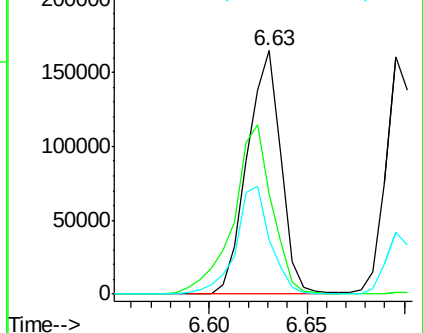
Lab File: BF106717.D

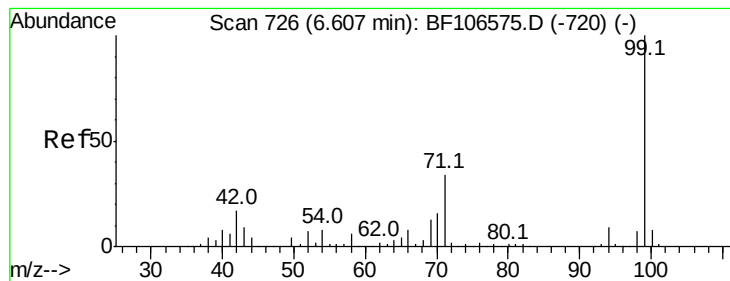
Acq: 22 Jun 2018 19:16

Tgt Ion:	93	Resp:	197841
Ion	Ratio	Lower	Upper
93	100		
66	41.1	32.2	48.2
65	22.1	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 123.933 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

Instrument :

BNA_F

ClientSampled :

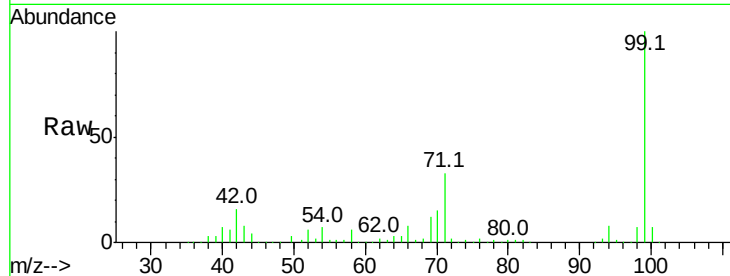
Tot Ion: 99 Resp: 509780

Ion Ratio Lower Upper

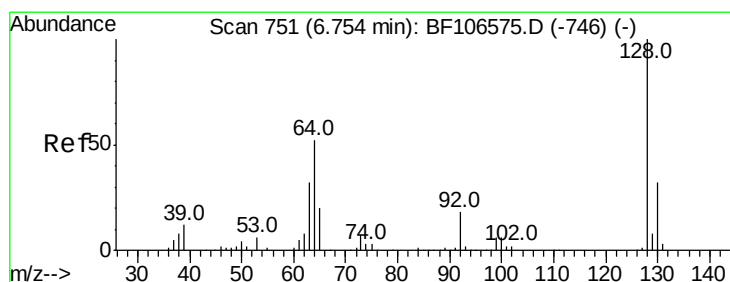
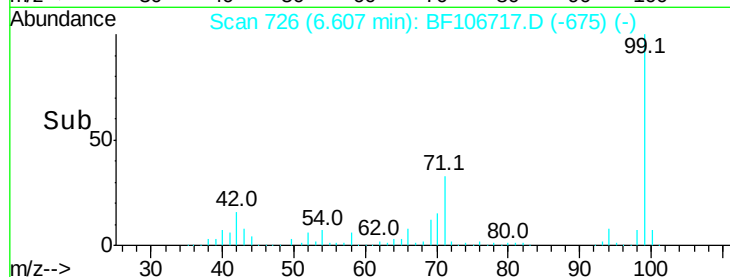
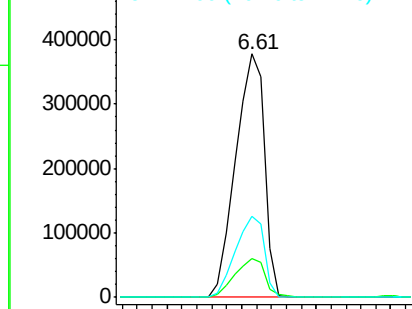
99 100

42 16.2 14.5 21.7

71 33.2 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: 39.536 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

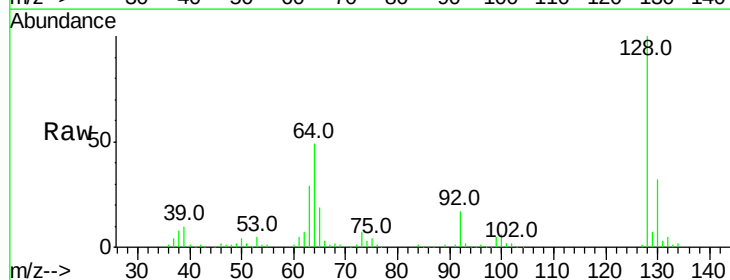
Tgt Ion:128 Resp: 142832

Ion Ratio Lower Upper

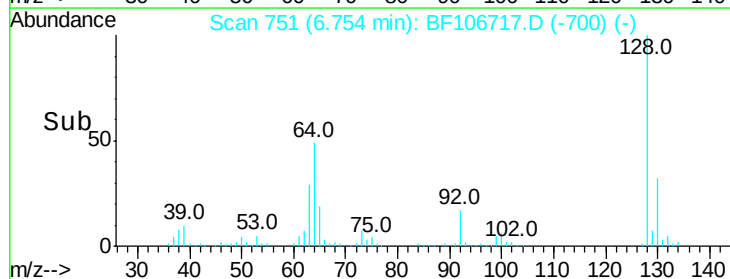
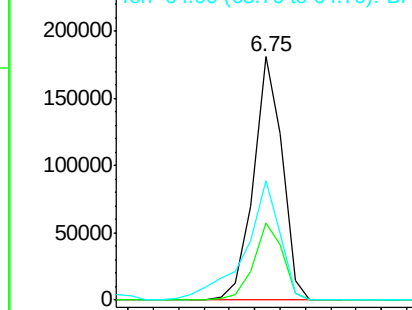
128 100

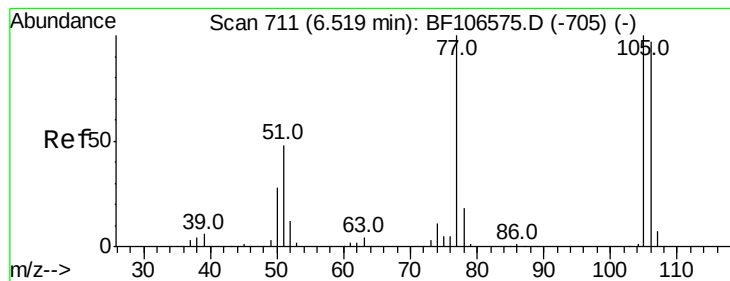
130 31.6 13.0 53.0

64 48.9 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: 21.480 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

Instrument :

BNA_F

ClientSampled :

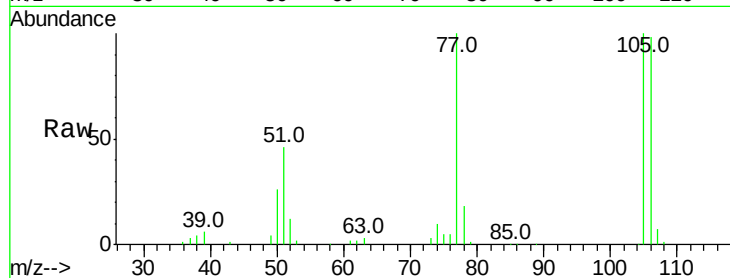
Tot Ion: 77 Resp: 68217

Ion Ratio Lower Upper

77 100

105 100.5 81.1 121.1

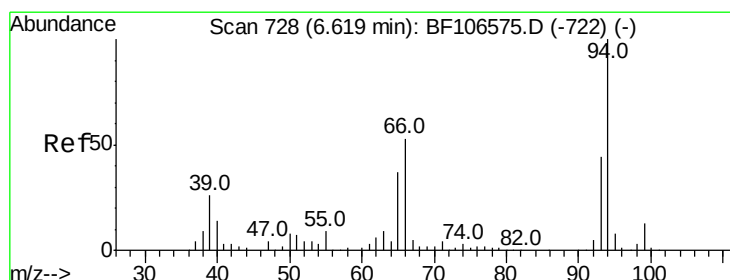
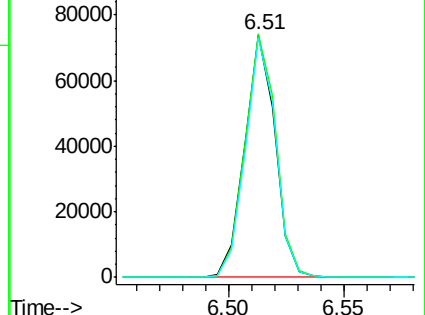
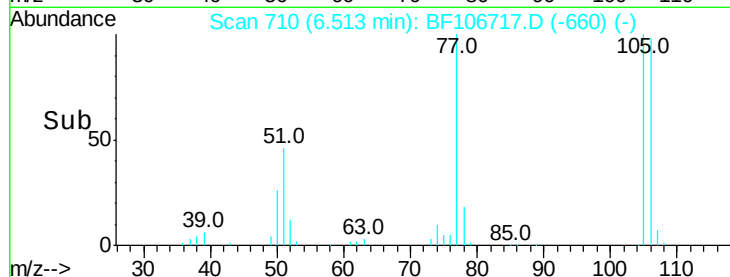
106 98.9 74.5 114.5



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: 39.179 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

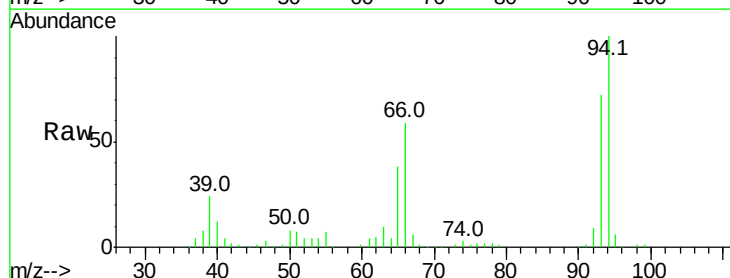
Tgt Ion: 94 Resp: 183918

Ion Ratio Lower Upper

94 100

65 37.9 7.9 47.9

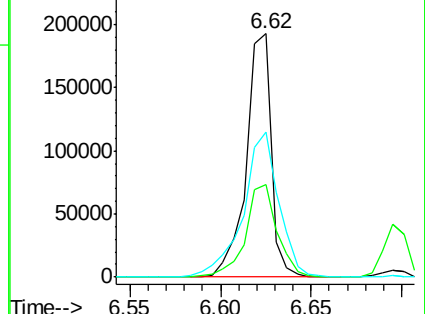
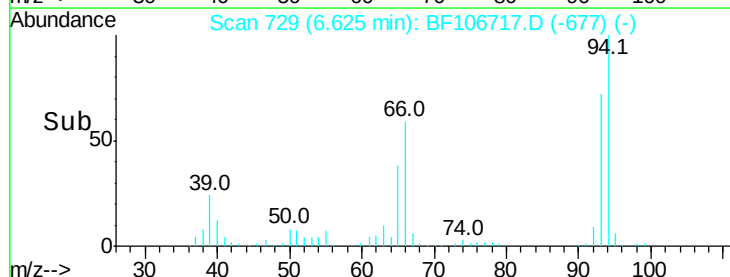
66 59.3 16.2 56.2#

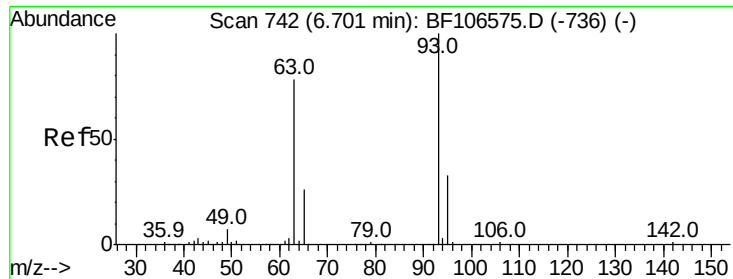


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.731 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

Instrument :

BNA_F

ClientSampleId :

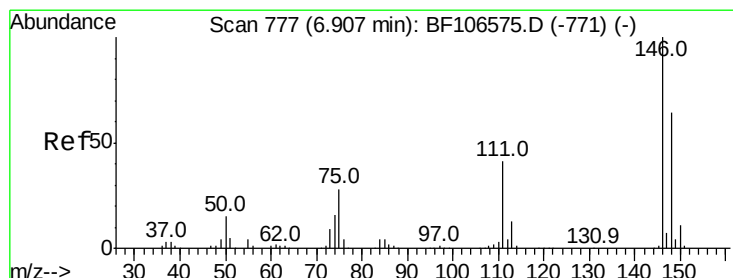
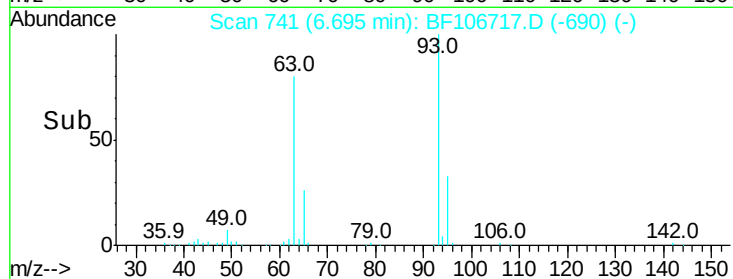
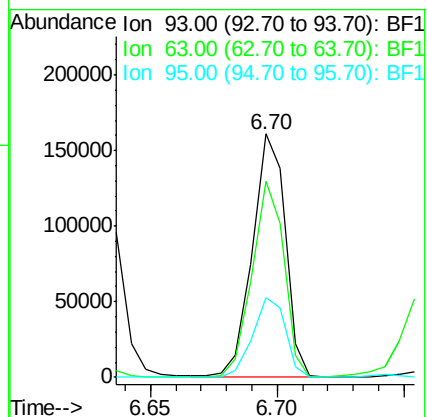
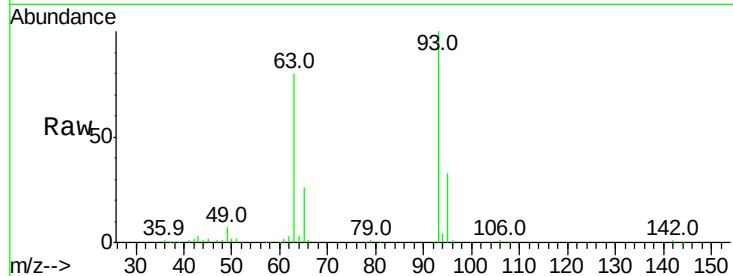
Tot Ion: 93 Resp: 146222

Ion Ratio Lower Upper

93 100

63 80.5 58.6 98.6

95 32.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 37.930 ng

RT: 6.90 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

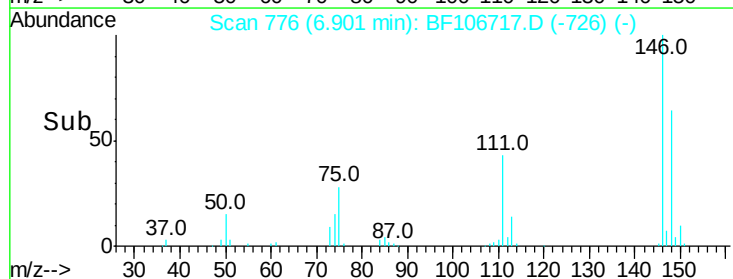
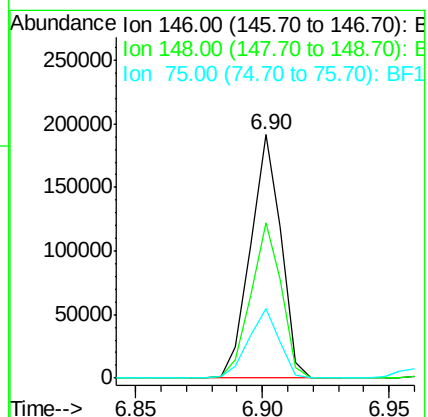
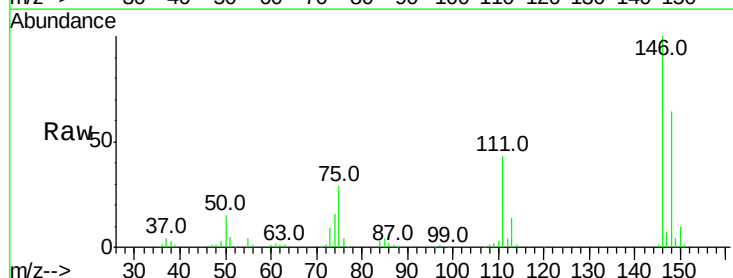
Tgt Ion: 146 Resp: 160492

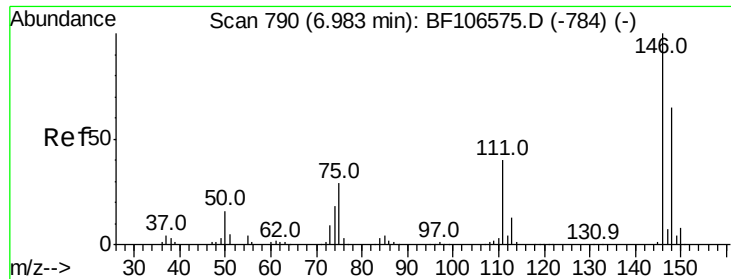
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

75 28.8 24.2 36.4

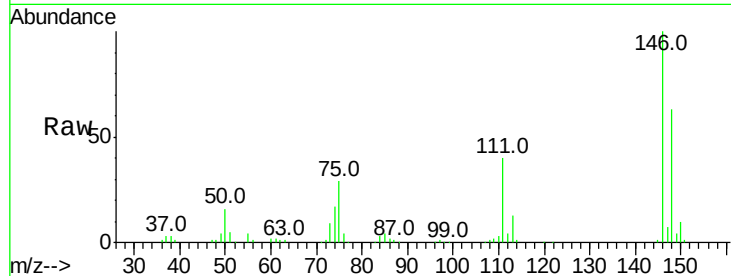




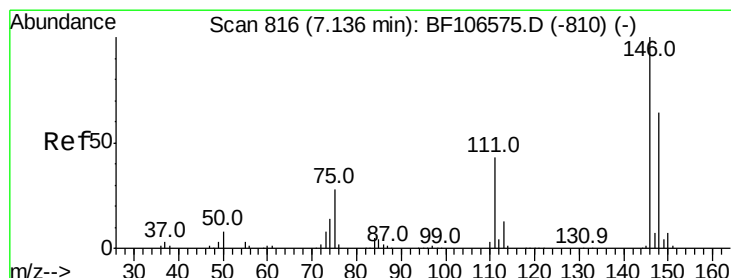
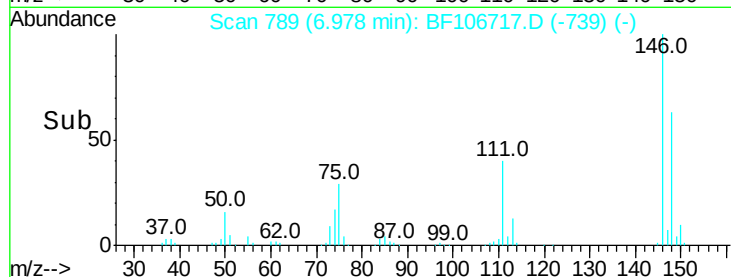
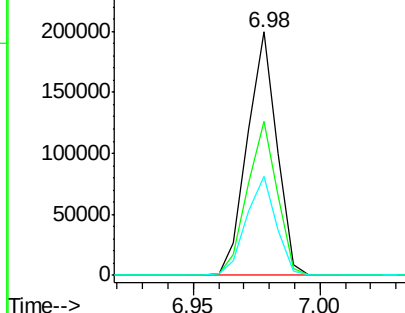
#13
 1,4-Dichlorobenzene
 Concen: 37.704 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 161292
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.8 76.2
 111 40.4 34.2 51.2

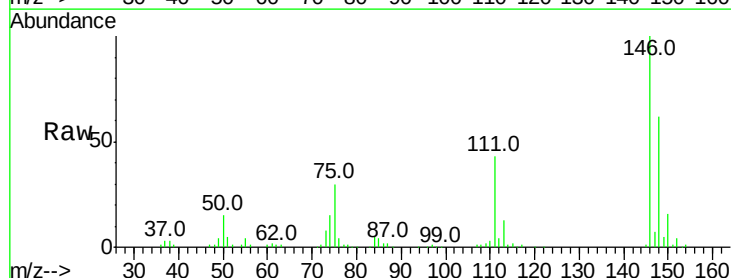


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

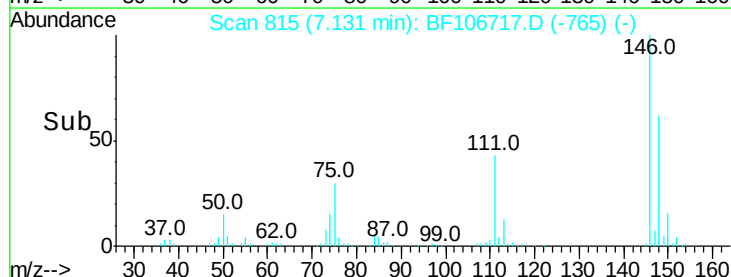
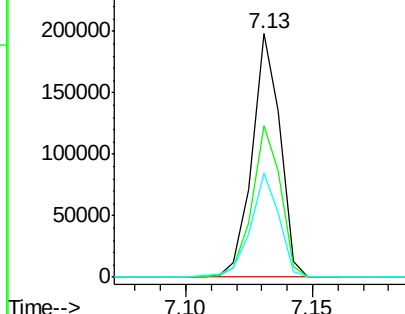


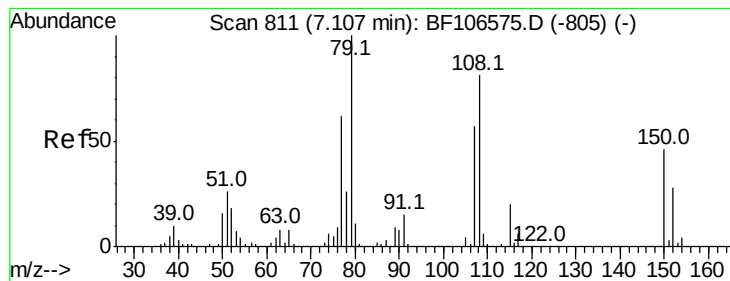
#14
 1,2-Dichlorobenzene
 Concen: 38.917 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

Tgt Ion:146 Resp: 152573
 Ion Ratio Lower Upper
 146 100
 148 62.0 50.6 75.8
 111 42.9 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: 39.307 ng

RT: 7.10 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

Instrument :
BNA_F
ClientSampleId :

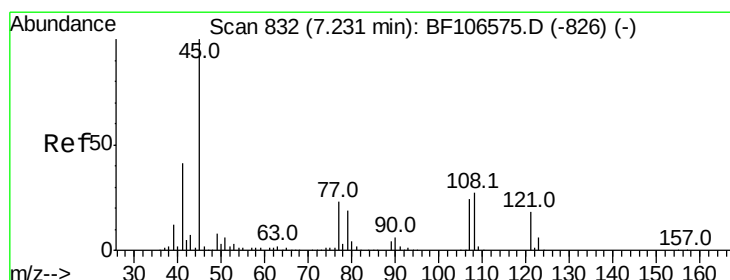
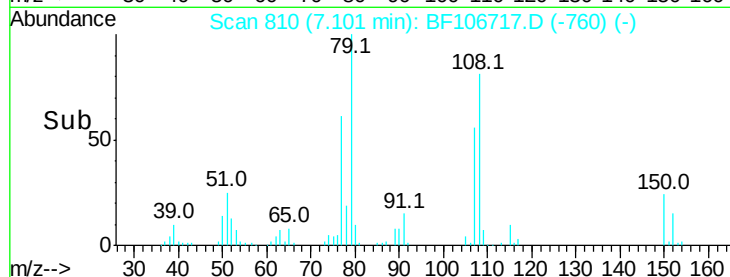
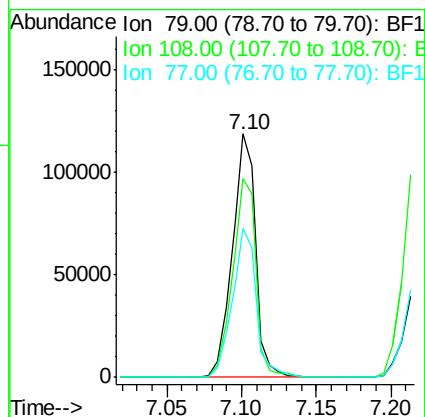
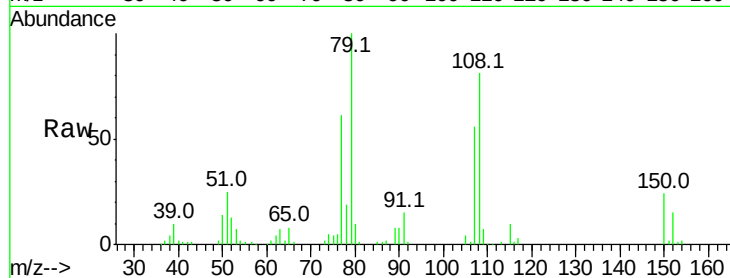
Tot Ion: 79 Resp: 129826

Ion Ratio Lower Upper

79 100

108 81.4 65.1 97.7

77 60.9 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.614 ng

RT: 7.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

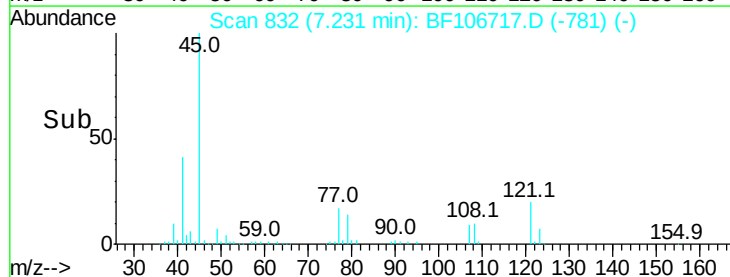
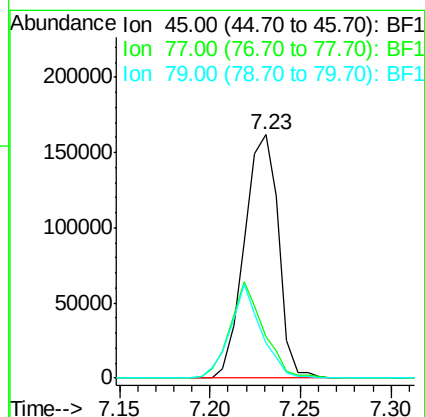
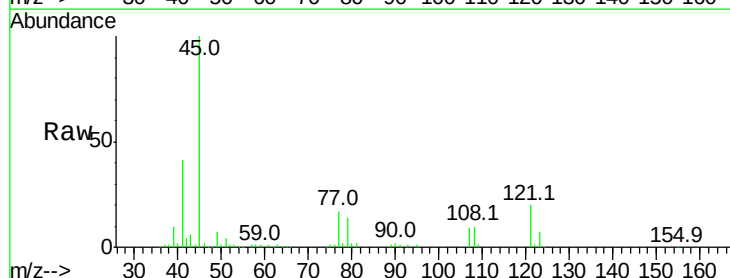
Tgt Ion: 45 Resp: 211594

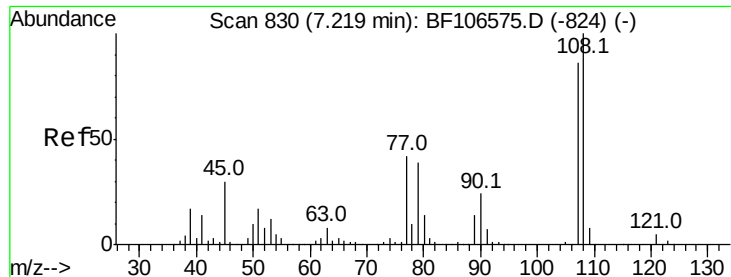
Ion Ratio Lower Upper

45 100

77 17.1 0.0 32.9

79 14.3 0.0 29.6

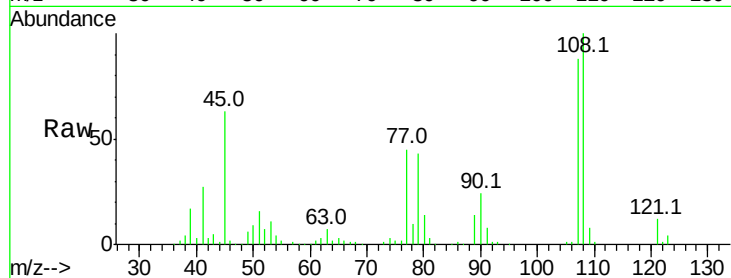




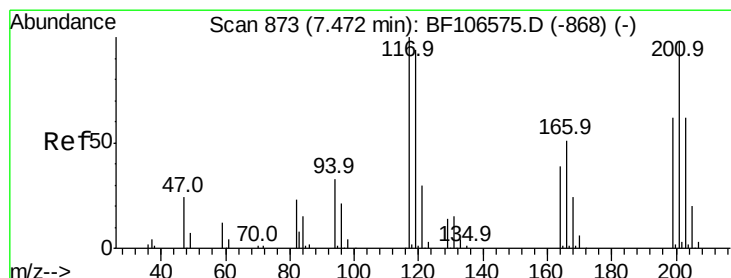
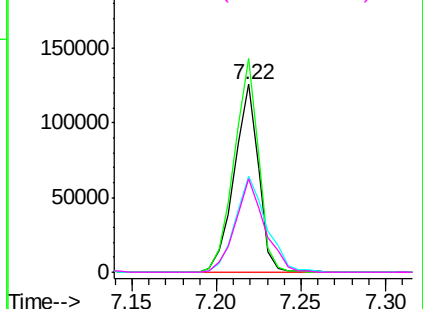
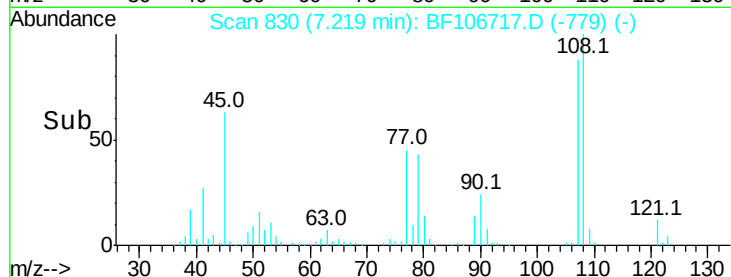
#17
2-Methylphenol
Concen: 40.789 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.7	137.5
77	50.9	33.8	50.8#
79	49.4	33.8	50.8

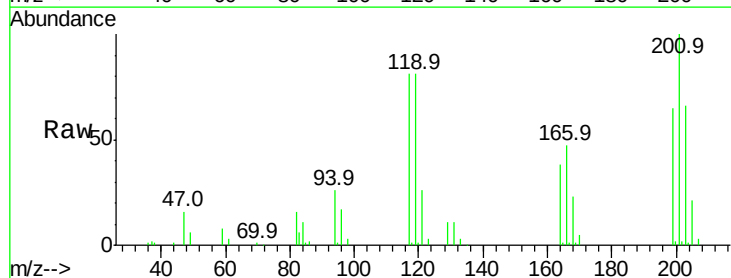


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

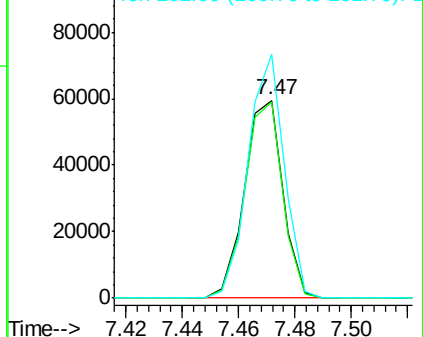
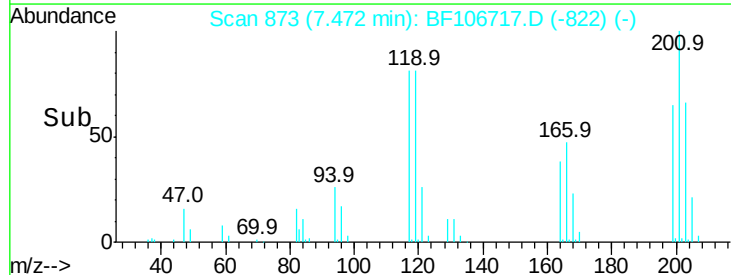


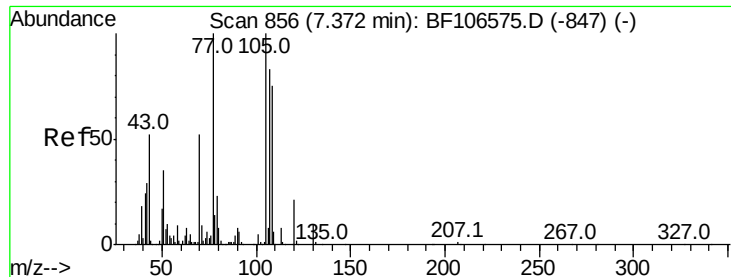
#18
Hexachloroethane
Concen: 37.206 ng
RT: 7.47 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	75.8	113.8
201	123.2	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

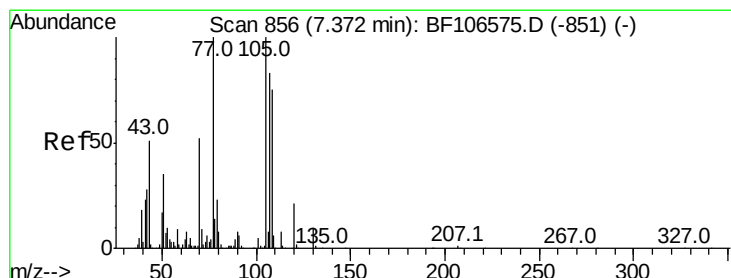
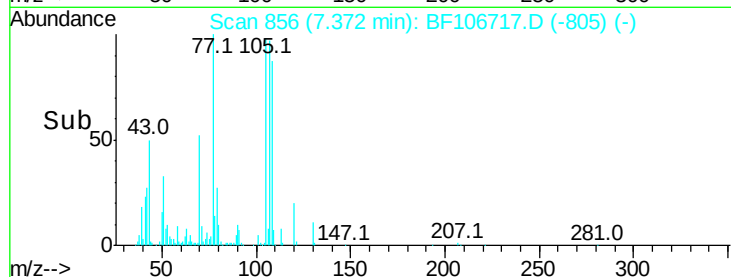
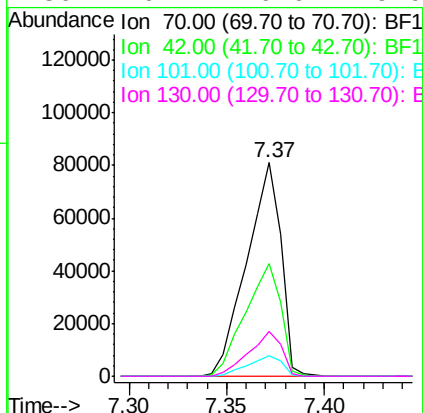
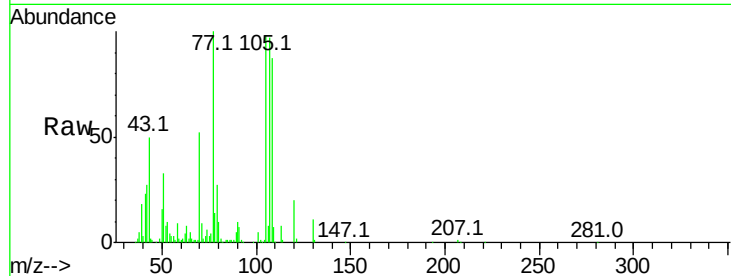




#19
n-Nitroso-di-n-propylamine
Concen: 36.334 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

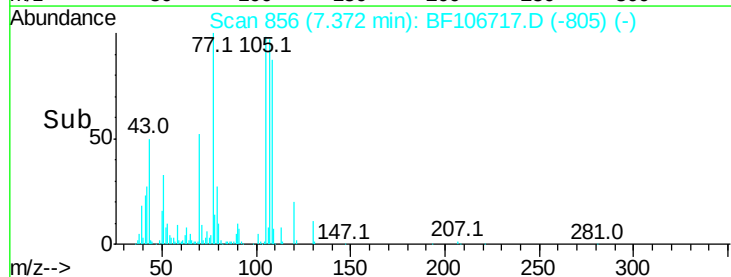
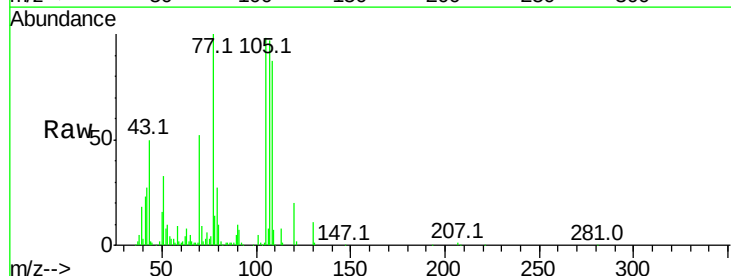
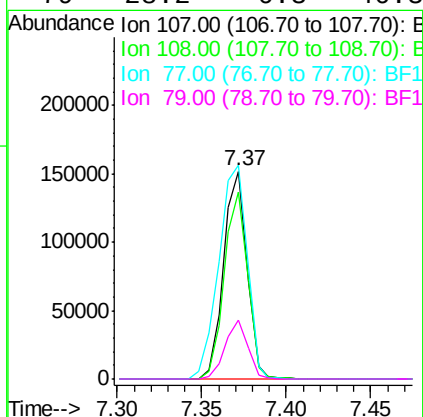
Instrument :
BNA_F
ClientSampleId :

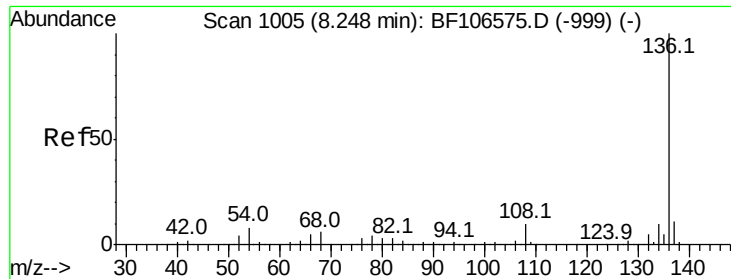
Tot Ion	70	Resp	98516
Ion Ratio	Lower	Upper	
70	100		
42	52.7	47.5	71.3
101	9.8	7.4	11.2
130	20.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.458 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

Tgt Ion	107	Resp	146443
Ion Ratio	Lower	Upper	
107	100		
108	90.0	68.2	108.2
77	103.0	26.7	66.7#
79	28.2	6.3	46.3

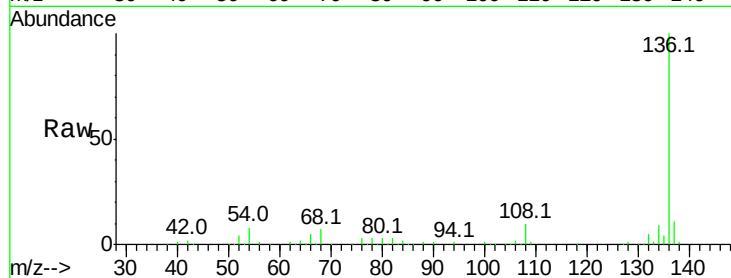




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	217026
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 8.2	6.6	9.8
68 6.5	5.0	7.4

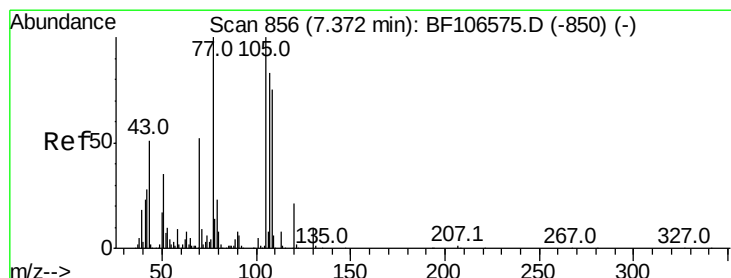
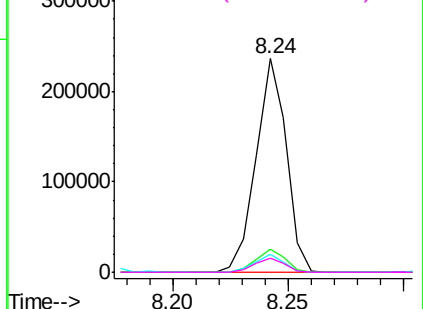
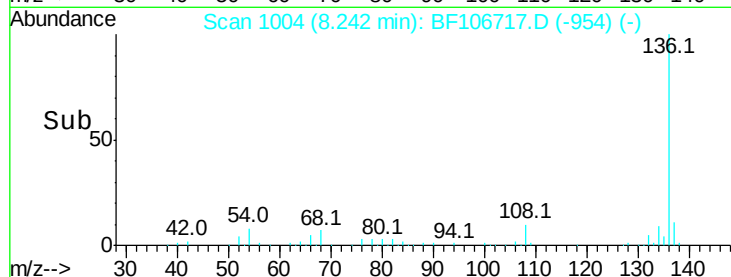


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

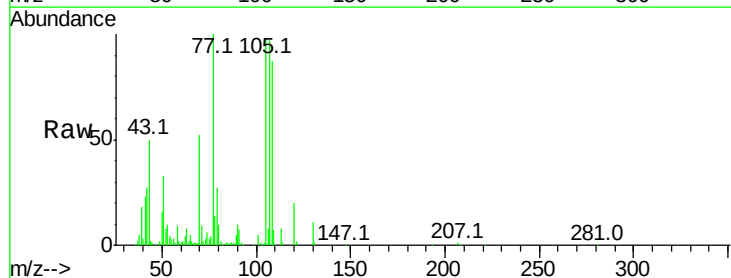
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.464 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

Tgt	Ion:105	Resp:	191616
Ion	Ratio	Lower	Upper
105	100		
71	8.7	4.4	6.6#
51	33.8	22.3	33.5#
120	20.4	16.9	25.3

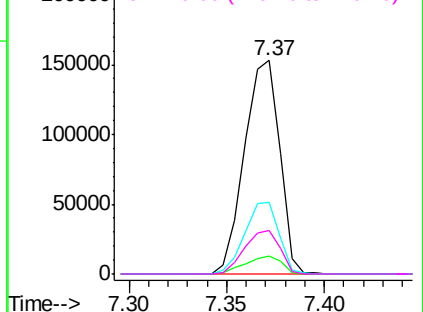
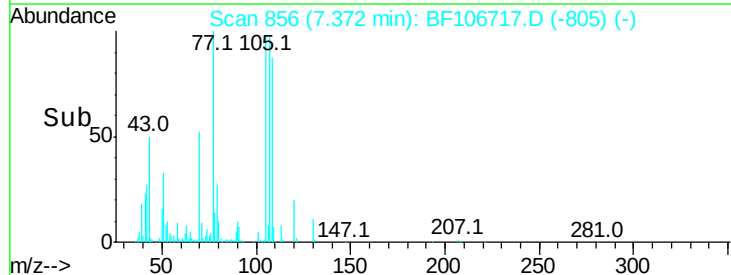


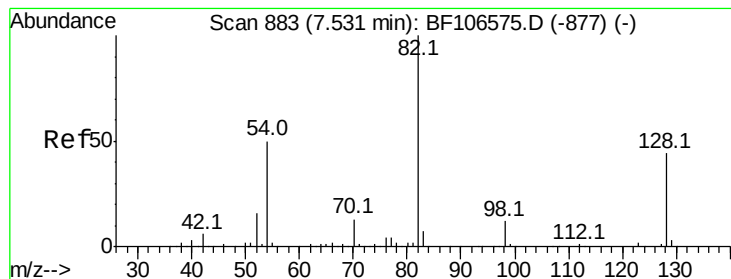
Abundance Ion 105.00 (104.70 to 105.70): E

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: 86.653 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

Instrument :

BNA_F

ClientSampleId :

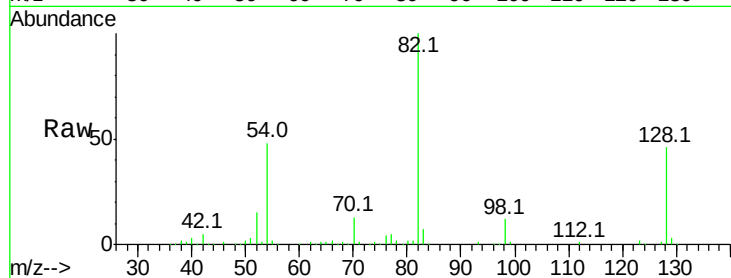
Tot Ion: 82 Resp: 338397

Ion Ratio Lower Upper

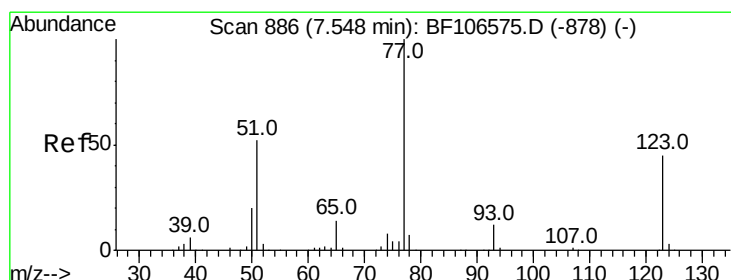
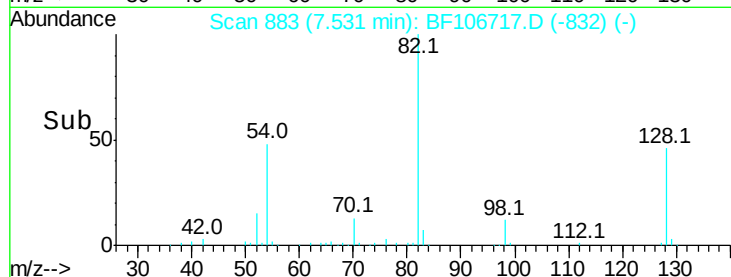
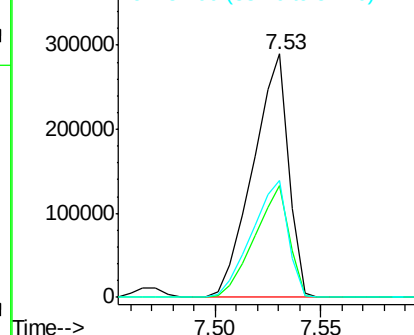
82 100

128 45.8 36.1 54.1

54 48.1 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: 39.715 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

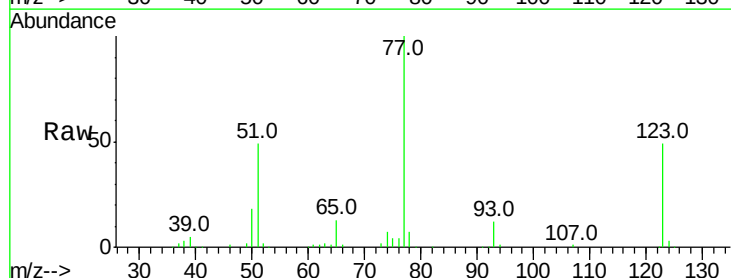
Tgt Ion: 77 Resp: 158347

Ion Ratio Lower Upper

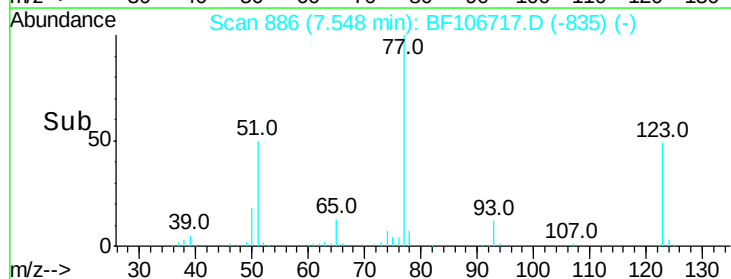
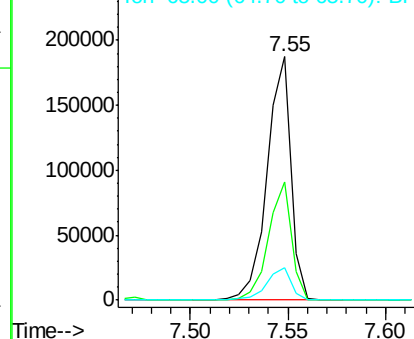
77 100

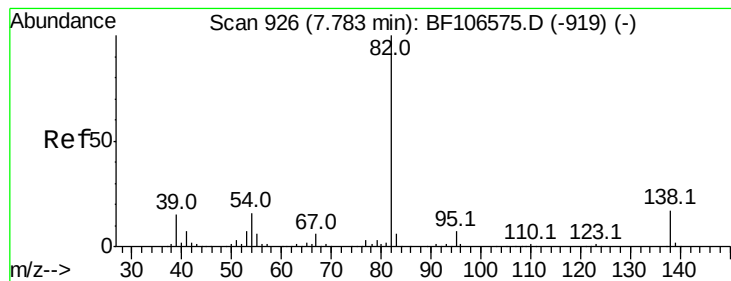
123 48.7 37.9 56.9

65 13.1 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: 44.672 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

Instrument :

BNA_F

ClientSampleId :

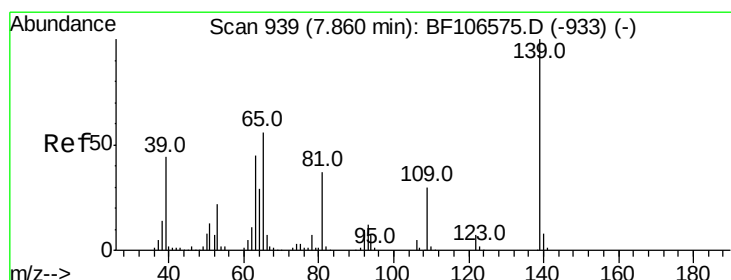
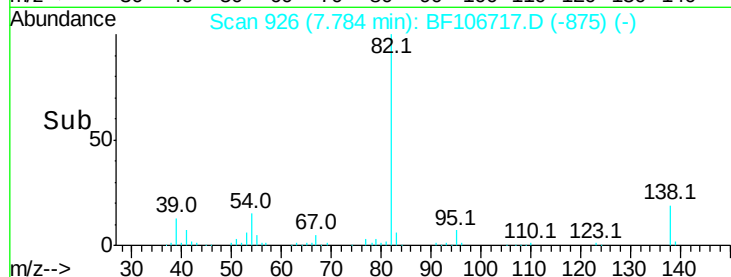
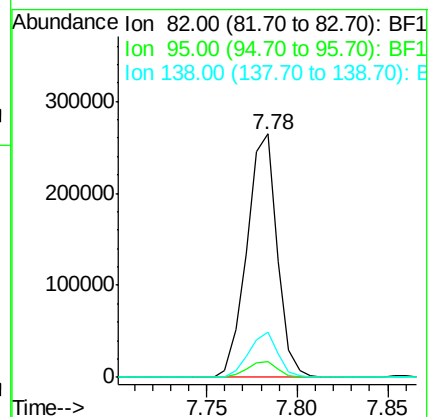
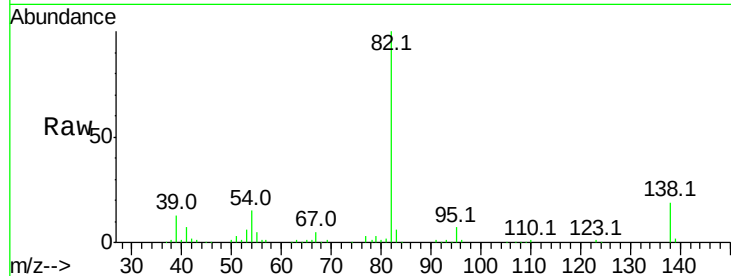
Tot Ion: 82 Resp: 307414

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 18.7 14.9 22.3



#26

2-Nitrophenol

Concen: 44.953 ng

RT: 7.86 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

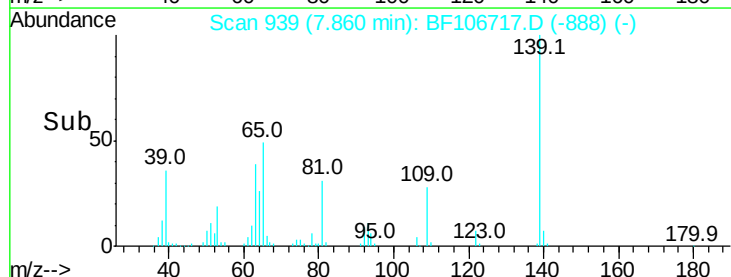
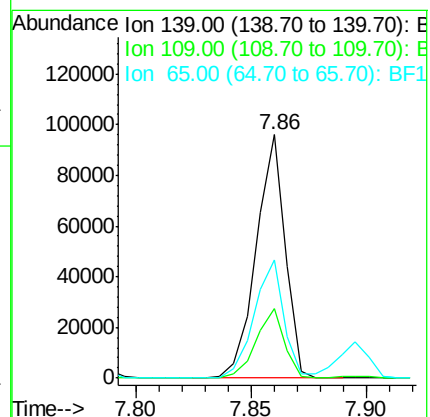
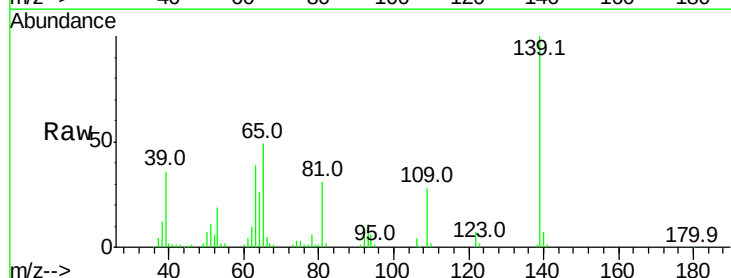
Tgt Ion: 139 Resp: 84608

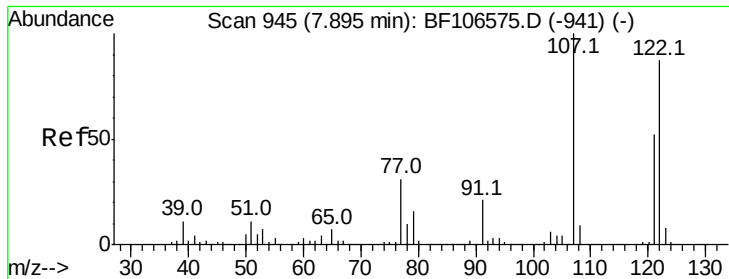
Ion Ratio Lower Upper

139 100

109 28.5 22.7 34.1

65 48.7 40.5 60.7

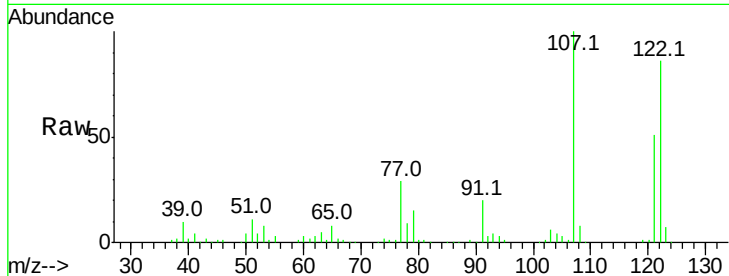




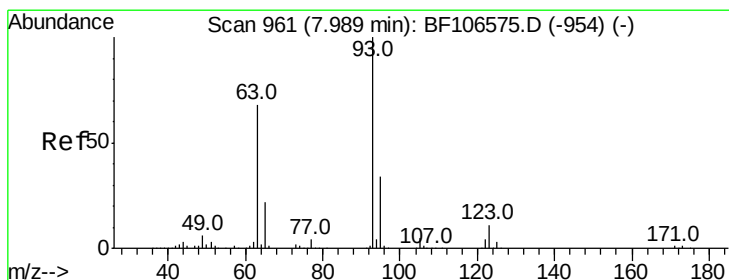
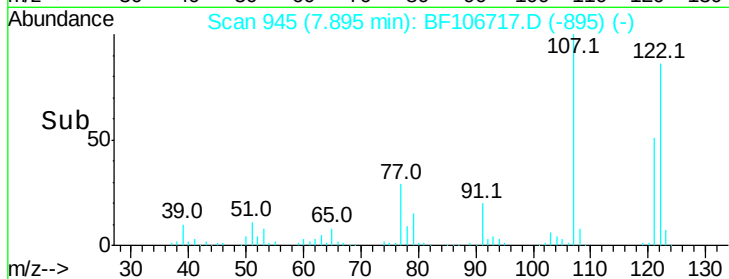
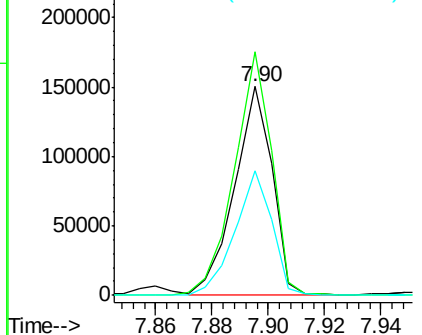
#27
 2,4-Dimethylphenol
 Concen: 47.705 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 138782
 Ion Ratio Lower Upper
 122 100
 107 116.5 91.2 136.8
 121 59.9 47.2 70.8

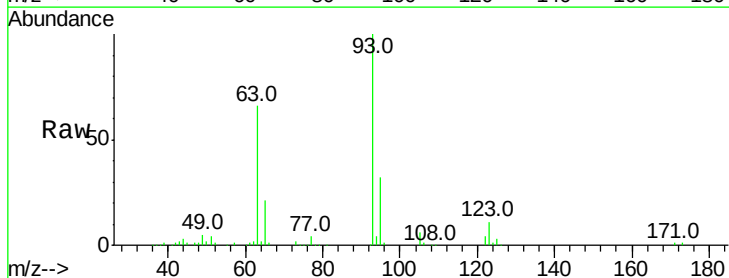


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

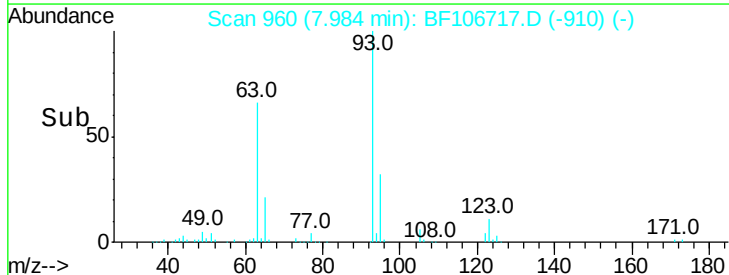
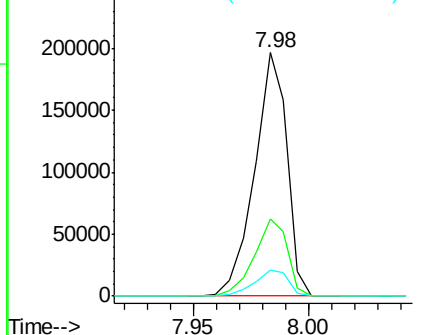


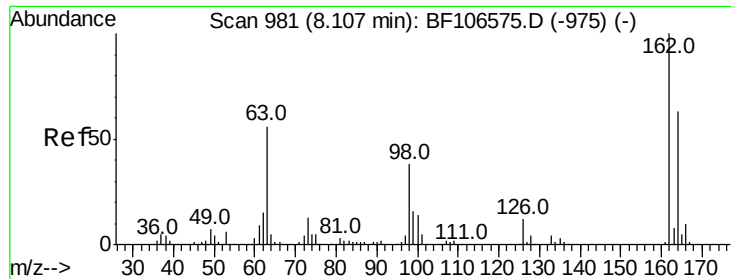
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.554 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

Tgt Ion: 93 Resp: 191996
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.3 39.5
 123 10.9 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

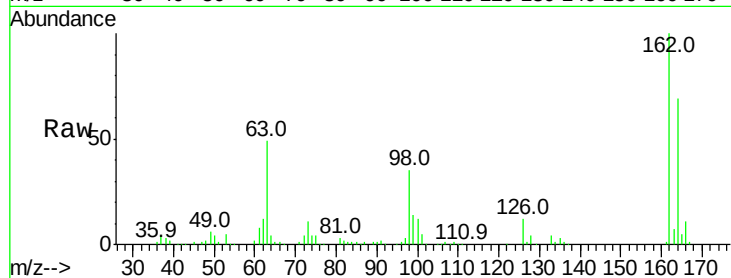




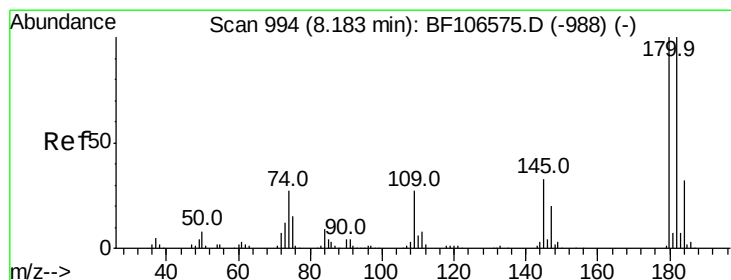
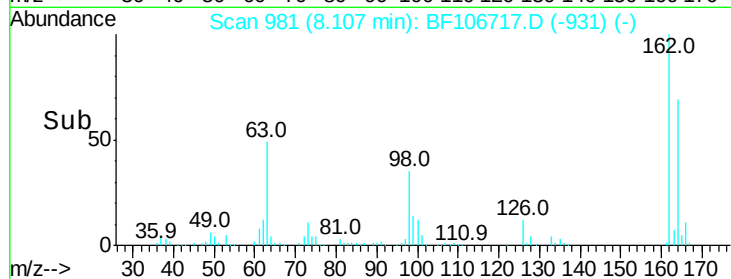
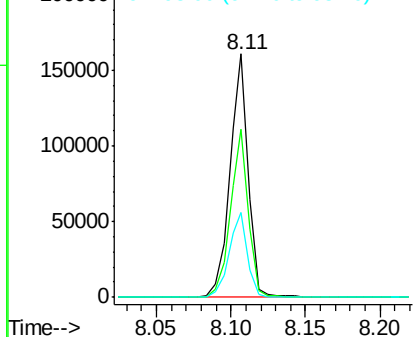
#29
 2,4-Dichlorophenol
 Concen: 45.745 ng
 RT: 8.11 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.9	42.7	82.7
98	35.0	18.1	58.1

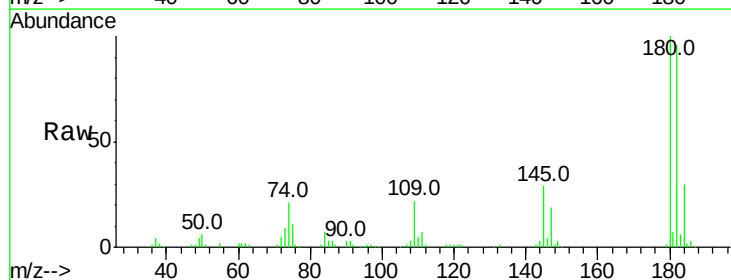


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

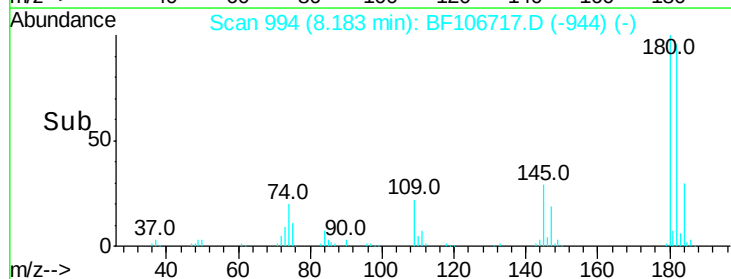
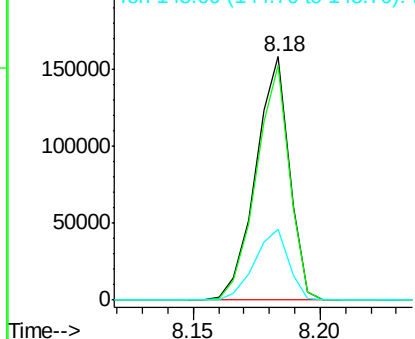


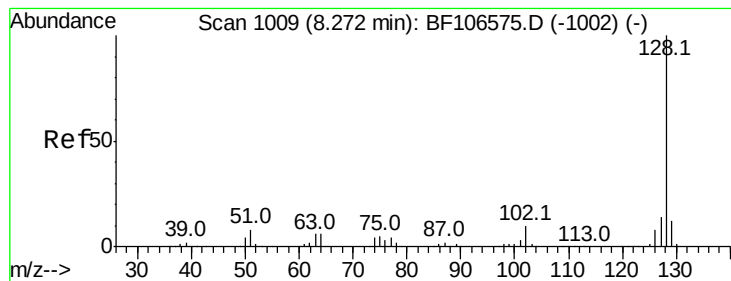
#30
 1,2,4-Trichlorobenzene
 Concen: 43.596 ng
 RT: 8.18 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.8	115.2
145	29.3	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: 42.028 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

Instrument :

BNA_F

ClientSampleId :

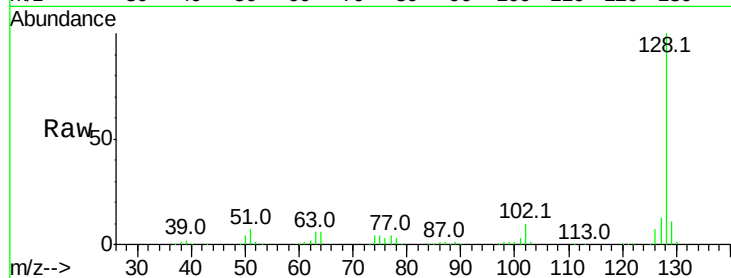
Tot Ion:128 Resp: 426441

Ion Ratio Lower Upper

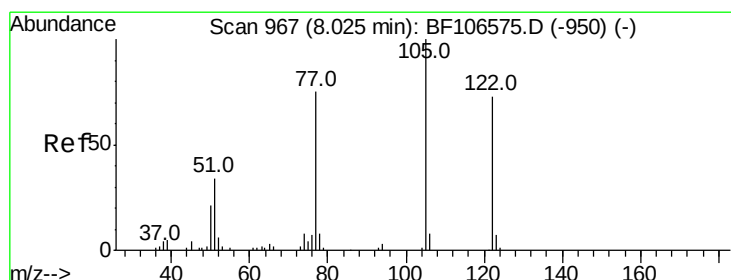
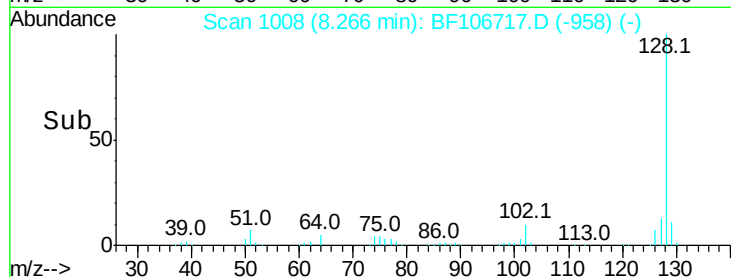
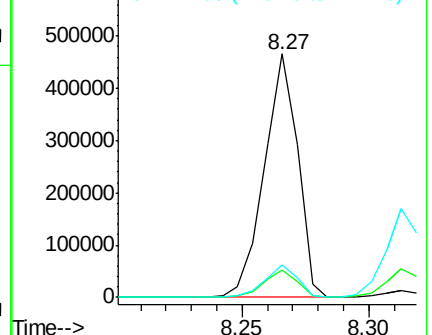
128 100

129 11.5 8.8 13.2

127 13.4 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: 13.511 ng

RT: 7.99 min Scan# 961

Delta R.T. -0.04 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

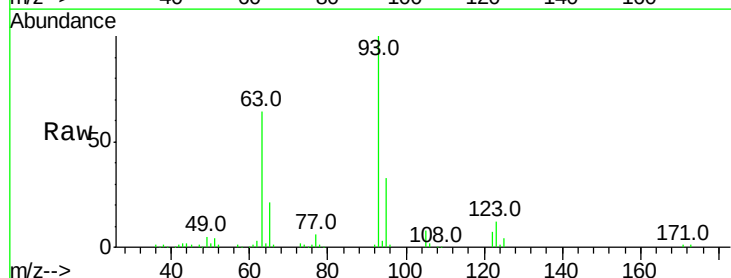
Tgt Ion:122 Resp: 18696

Ion Ratio Lower Upper

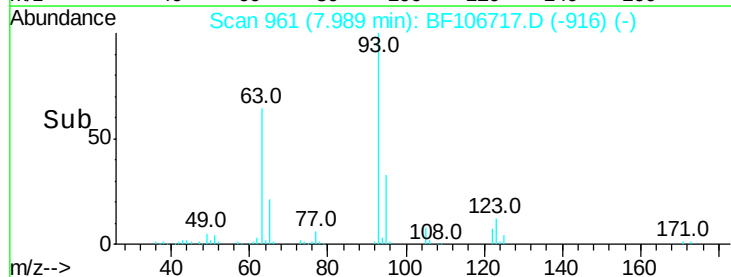
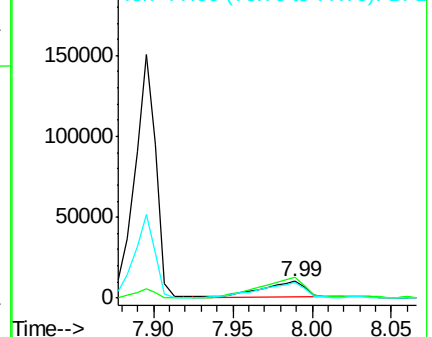
122 100

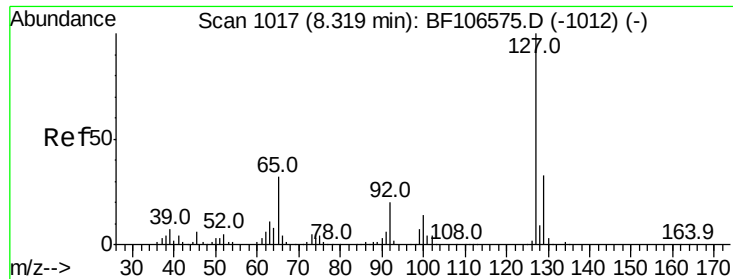
105 125.2 101.1 141.1

77 91.8 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

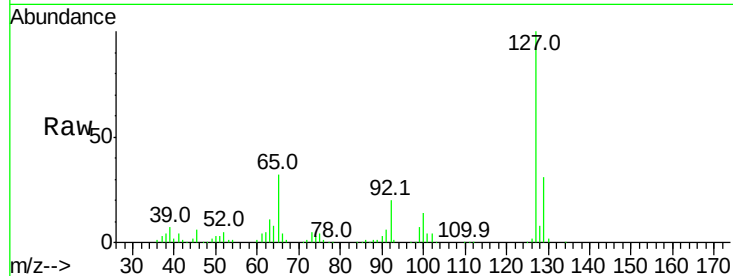




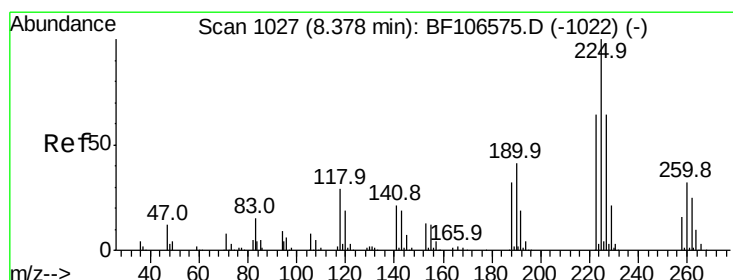
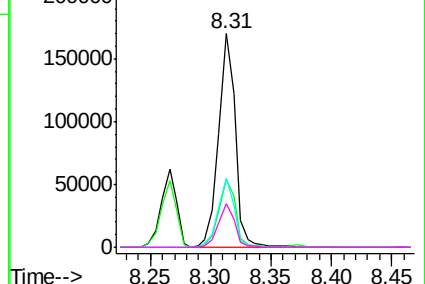
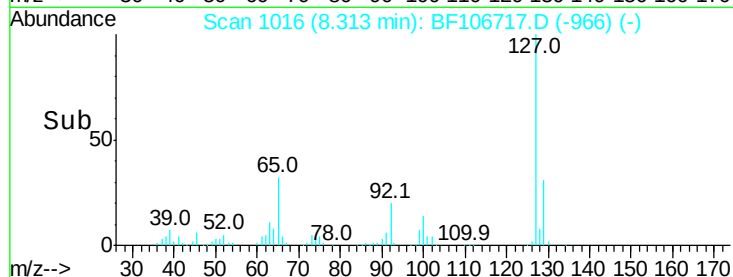
#33
4-Chloroaniline
Concen: 38.039 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	161949
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	32.4	25.0	37.4
92	20.3	15.2	22.8

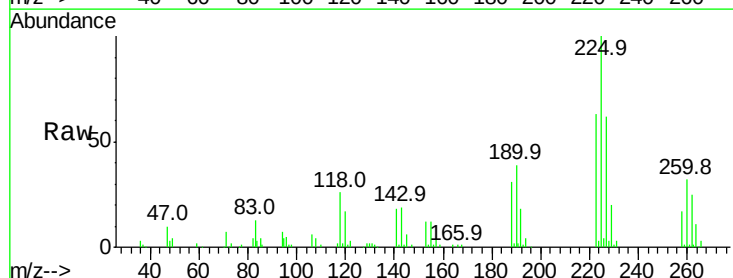


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

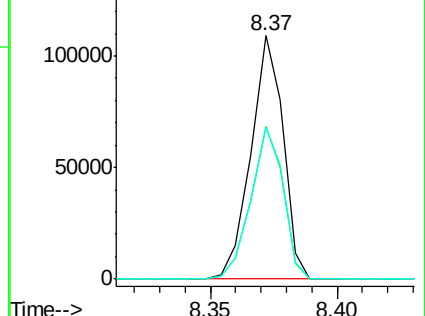
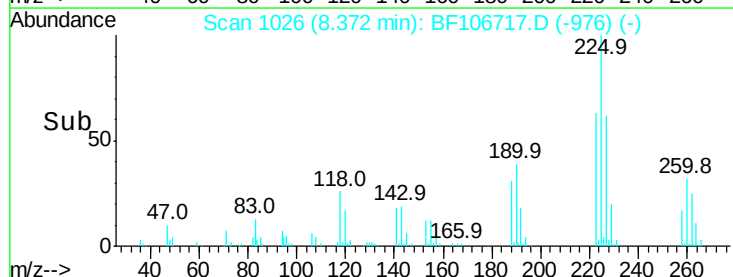


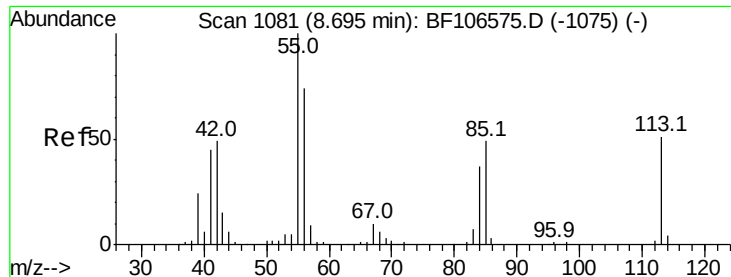
#34
Hexachlorobutadiene
Concen: 44.126 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

Tgt Ion:	225	Resp:	96470
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	62.2	51.9	77.9



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





#35

Caprolactam

Concen: 27.947 ng

RT: 8.70 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

Instrument :

BNA_F

ClientSampleId :

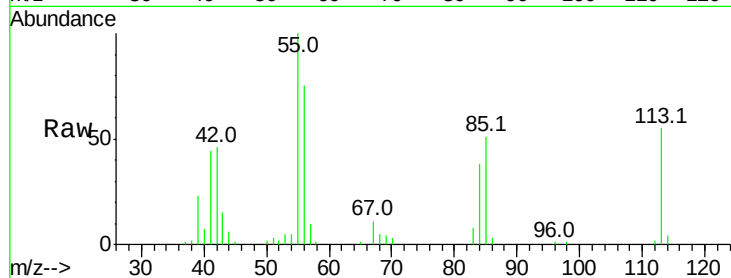
Tot Ion:113 Resp: 27746

Ion Ratio Lower Upper

113 100

55 182.7 163.3 203.3

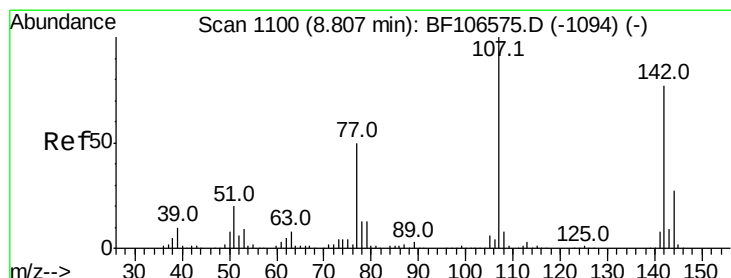
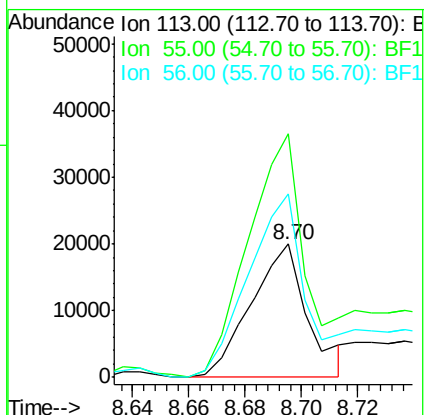
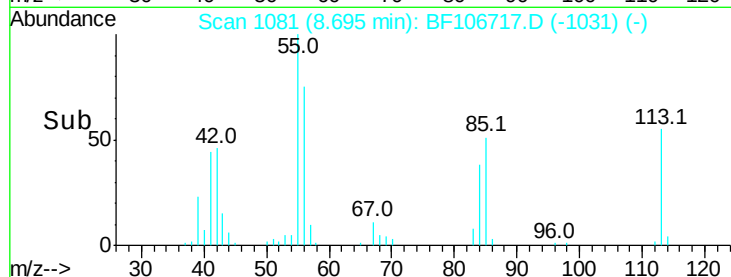
56 137.8 115.7 155.7



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: 46.138 ng

RT: 8.81 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

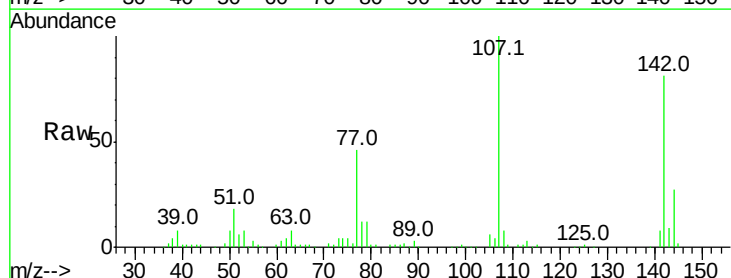
Tgt Ion:107 Resp: 147909

Ion Ratio Lower Upper

107 100

144 27.0 20.5 30.7

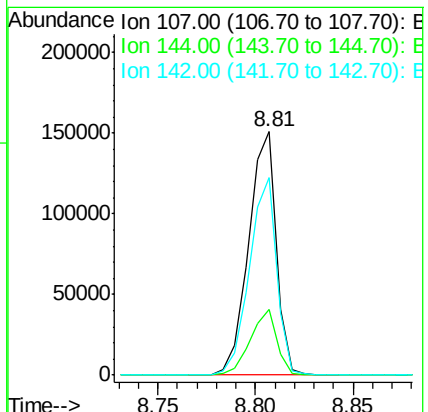
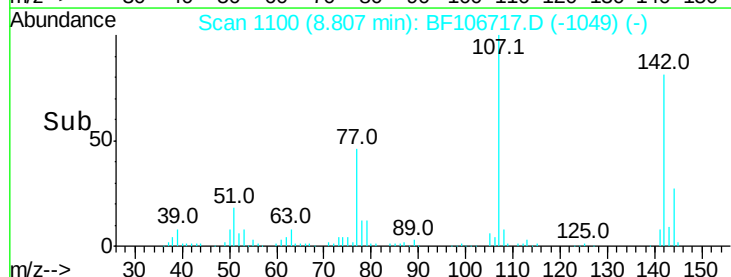
142 81.2 62.0 93.0

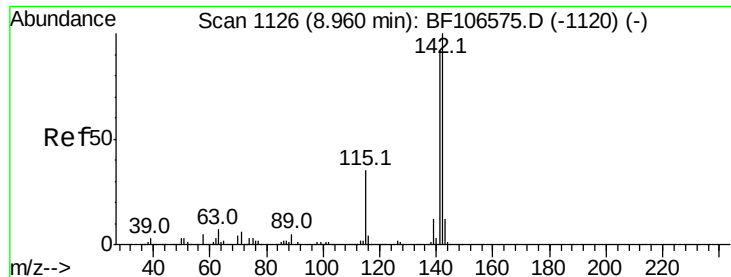


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.066 ng

RT: 8.96 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

Instrument :

BNA_F

ClientSampleId :

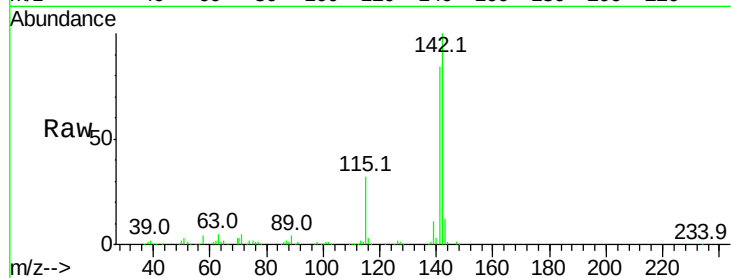
Tot Ion:142 Resp: 316539

Ion Ratio Lower Upper

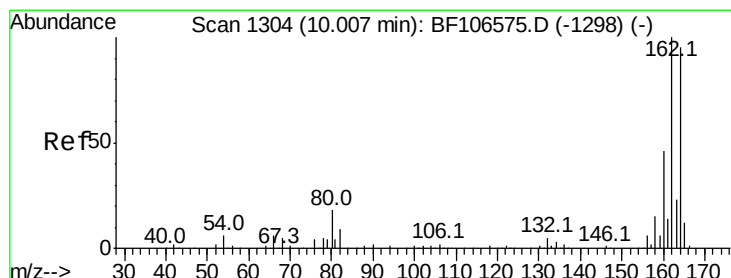
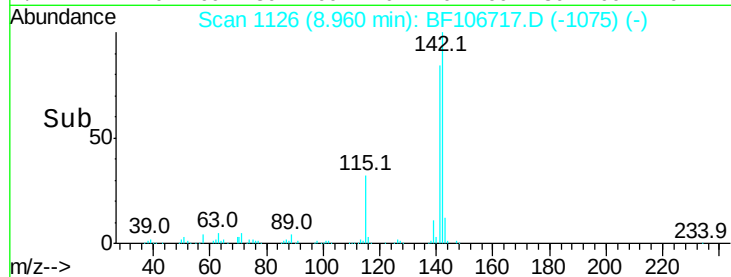
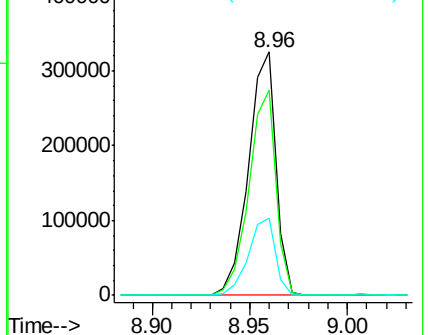
142 100

141 84.4 70.8 106.2

115 31.7 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: 10.01 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

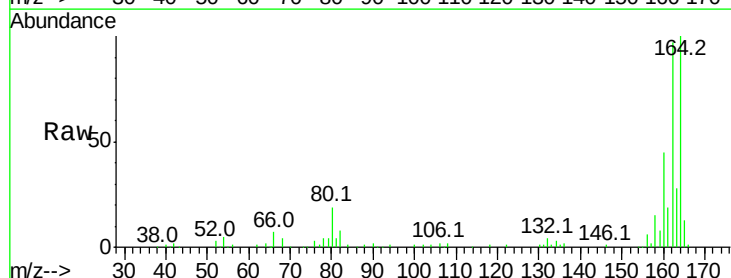
Tgt Ion:164 Resp: 115610

Ion Ratio Lower Upper

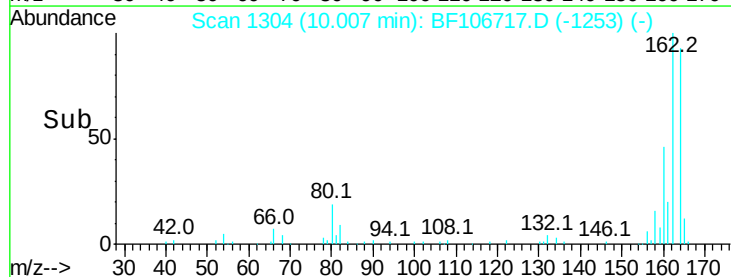
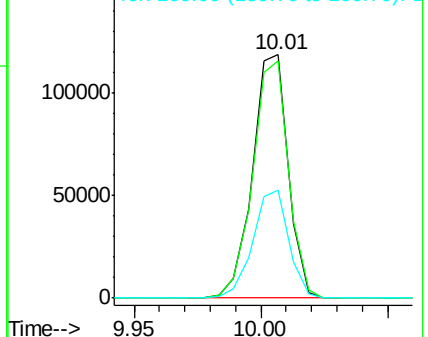
164 100

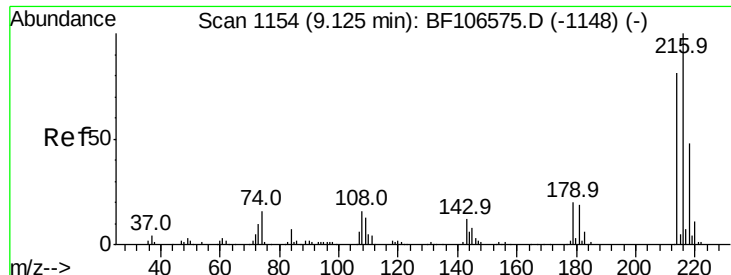
162 97.5 86.1 129.1

160 44.5 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

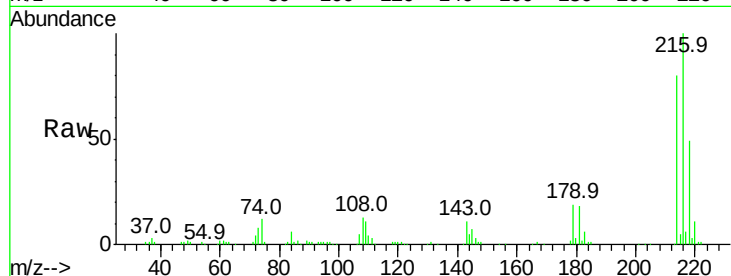




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.950 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	19.4	18.1	27.1
108	16.7	17.2	25.8#



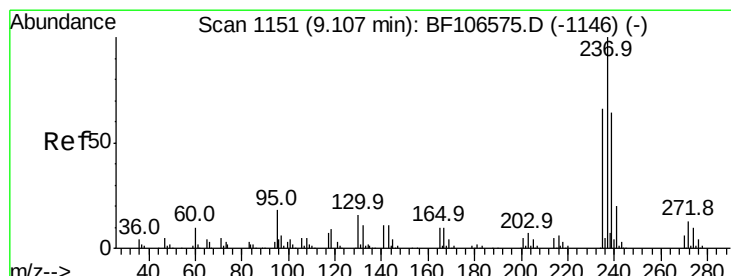
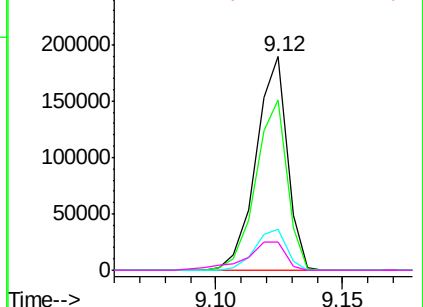
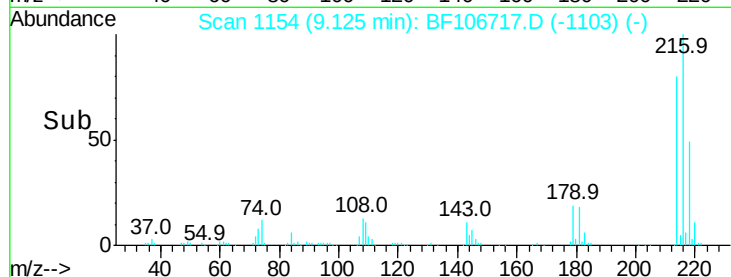
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

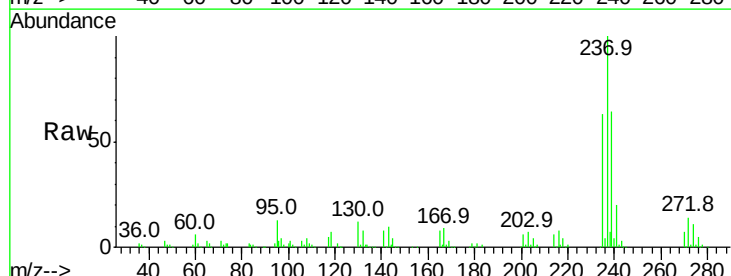
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 81.329 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.6	44.8	84.8
272	13.8	0.0	33.3

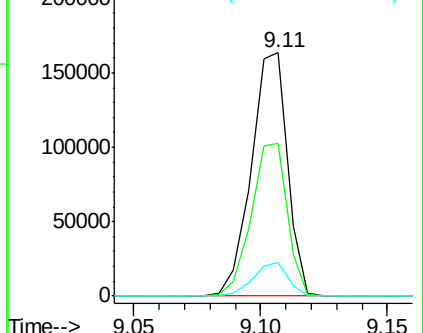
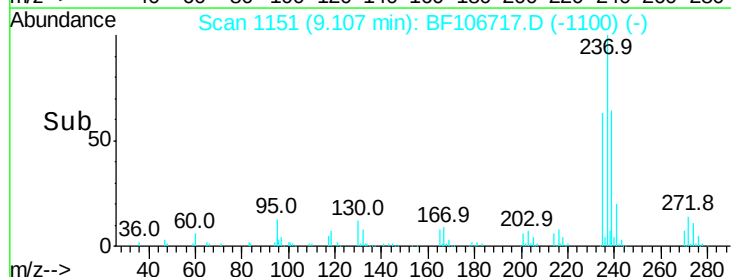


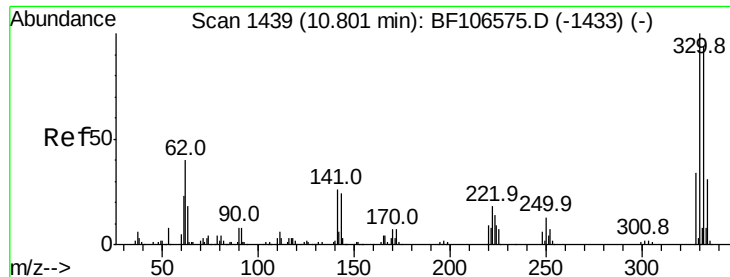
Abundance

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

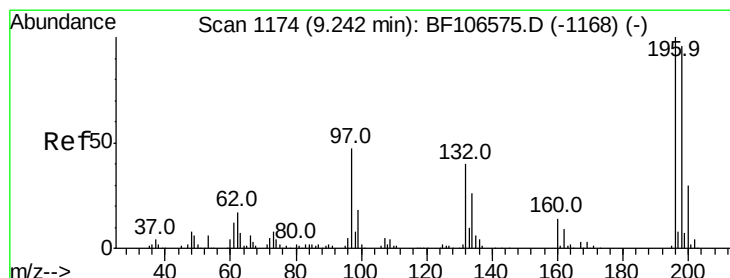
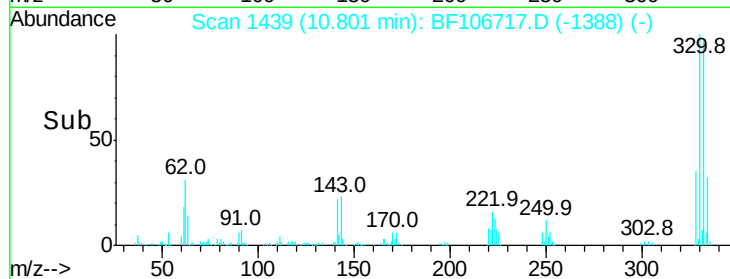
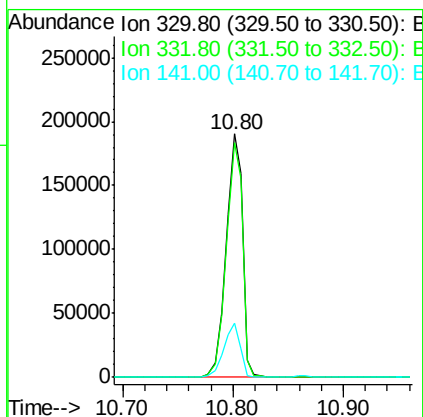
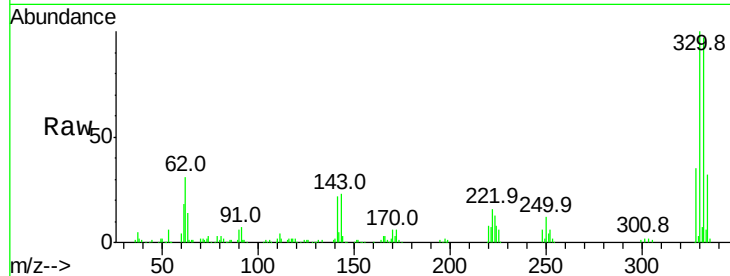




#41
 2,4,6-Tribromophenol
 Concen: 148.114 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

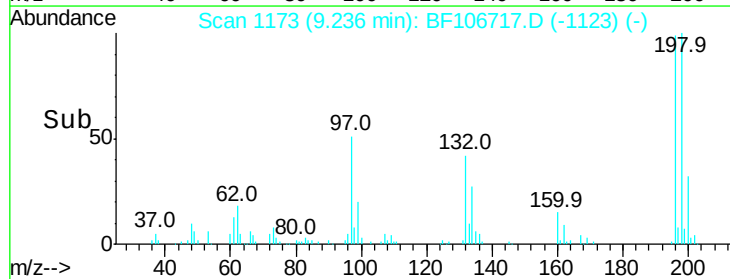
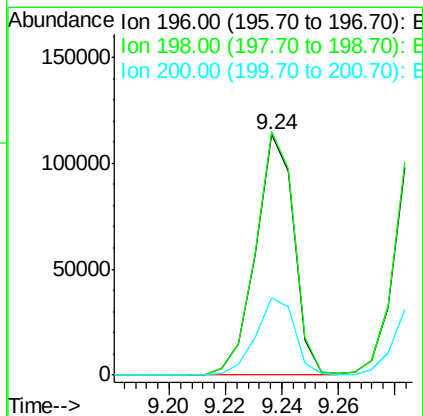
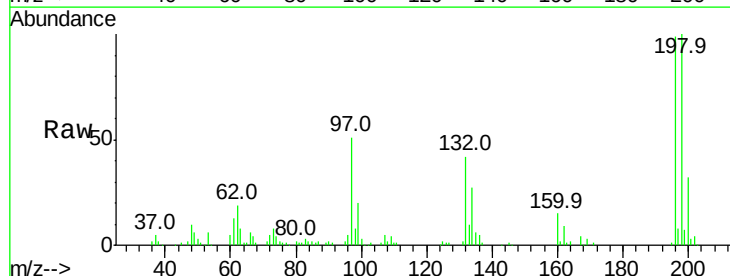
Instrument :
 BNA_F
 ClientSampled :

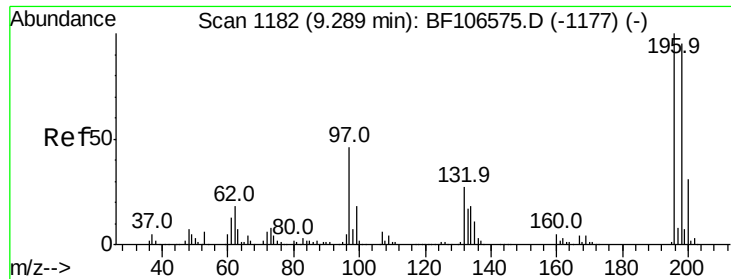
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	21.9	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.292 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.2	75.7	113.5
200	32.0	24.5	36.7

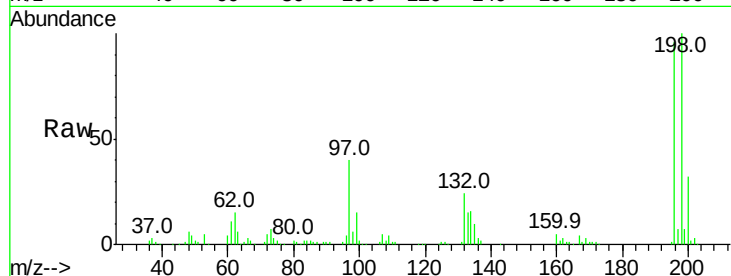




#43
 2,4,5-Trichlorophenol
 Concen: 41.802 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	103.7	74.6	112.0
97	41.0	42.9	64.3#
132	25.1	26.3	39.5#



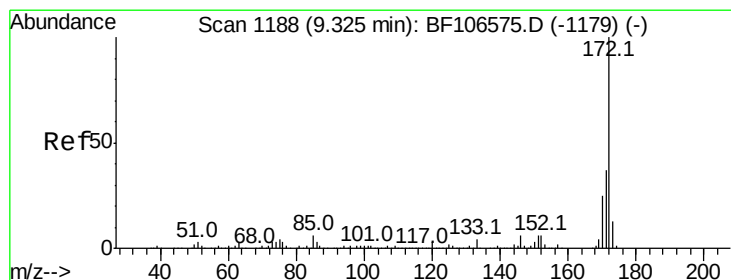
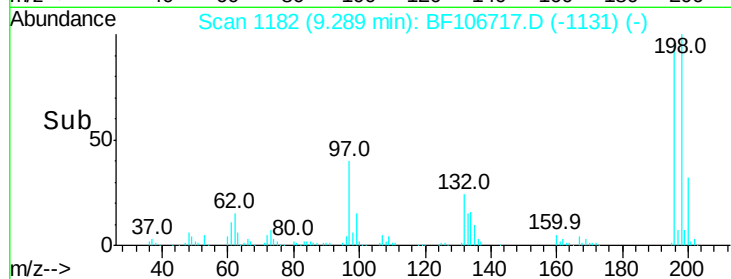
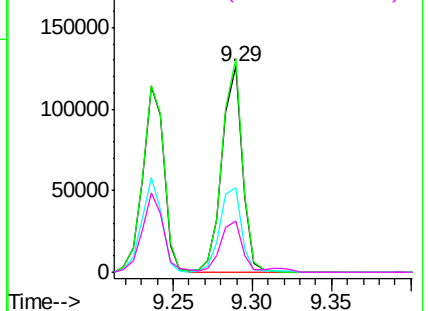
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

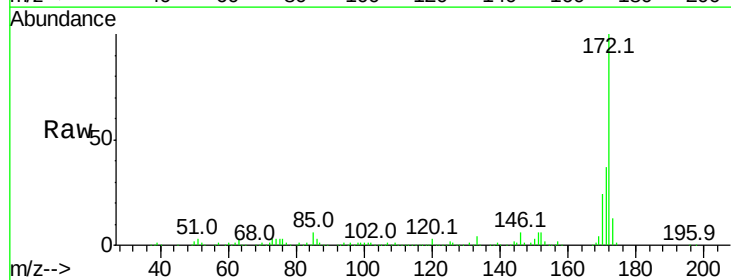
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.666 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.1	19.6	29.4

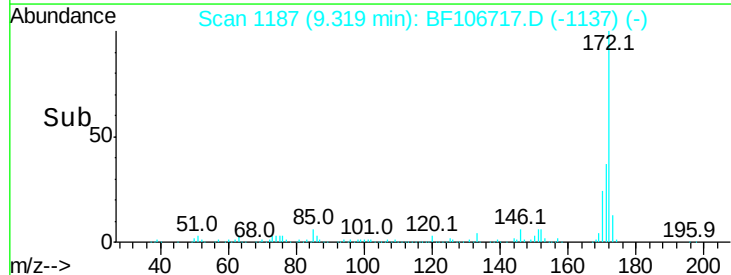
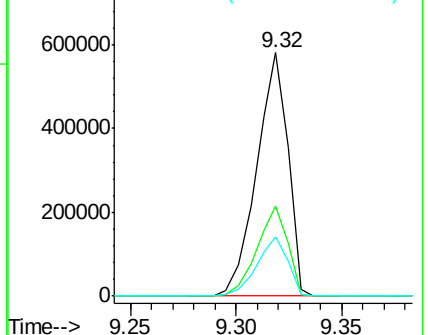


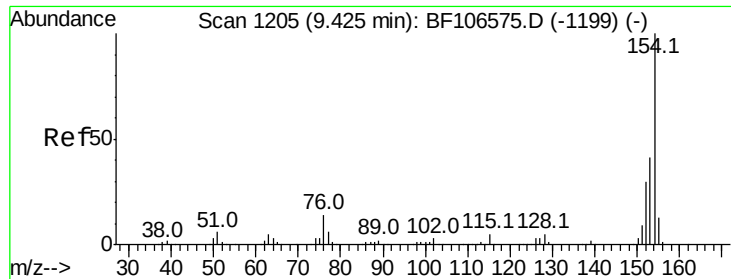
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.982 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

Instrument :

BNA_F

ClientSampleId :

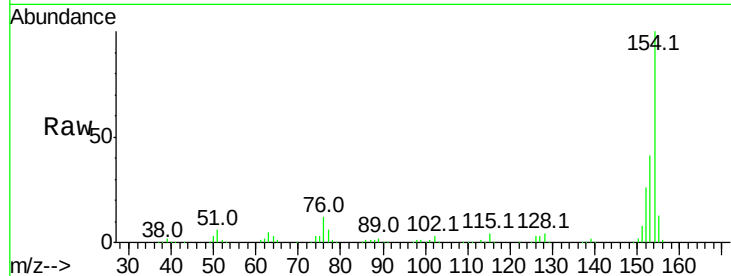
Tot Ion:154 Resp: 386804

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

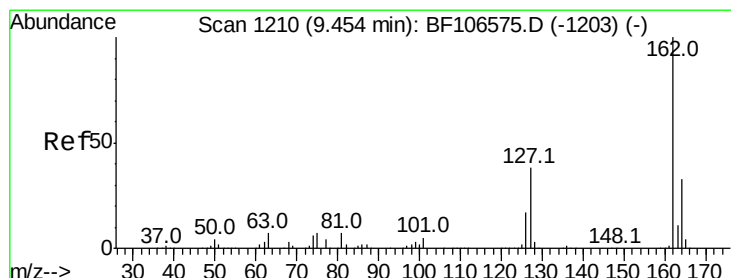
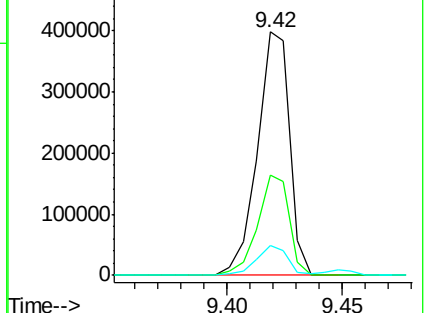
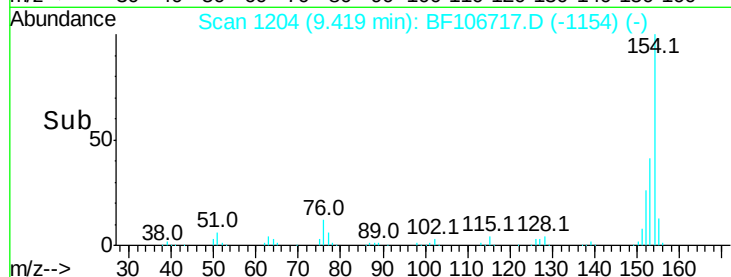
76 12.2 0.0 34.0



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: 39.539 ng

RT: 9.45 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

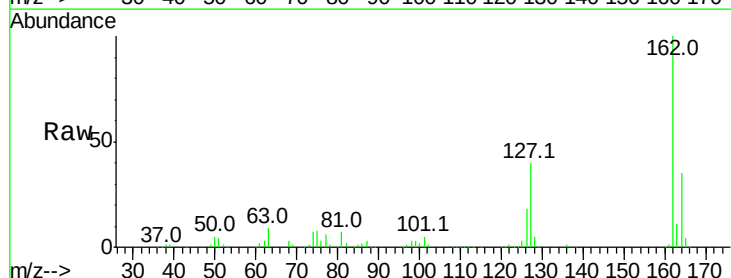
Tgt Ion:162 Resp: 286749

Ion Ratio Lower Upper

162 100

127 40.2 33.9 50.9

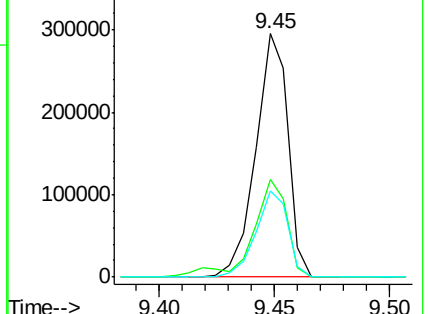
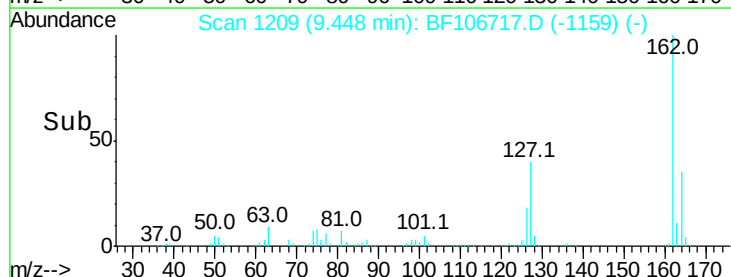
164 35.2 26.5 39.7

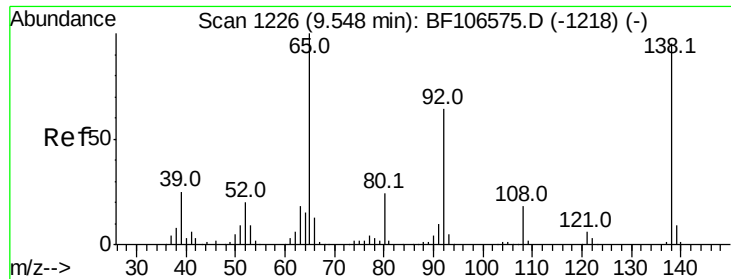


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

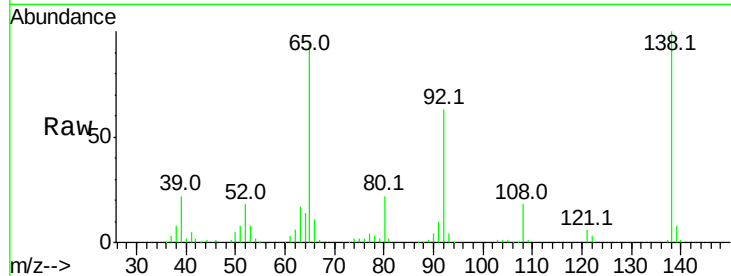




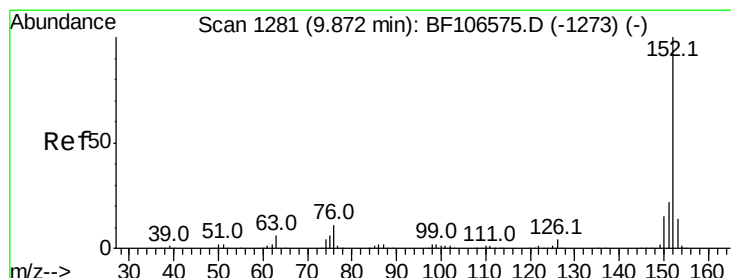
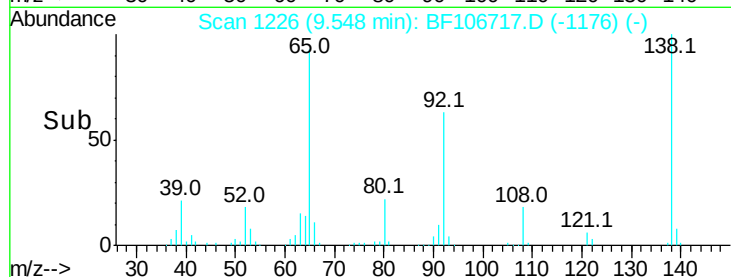
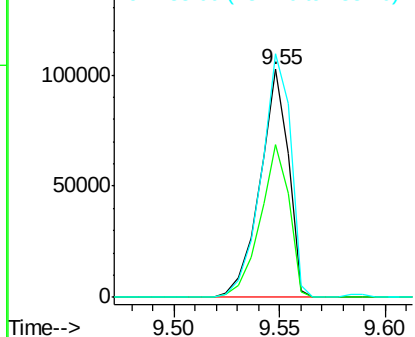
#47
2-Nitroaniline
Concen: 39.400 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 96087
Ion Ratio Lower Upper
65 100
92 67.0 55.8 83.6
138 106.8 91.2 136.8

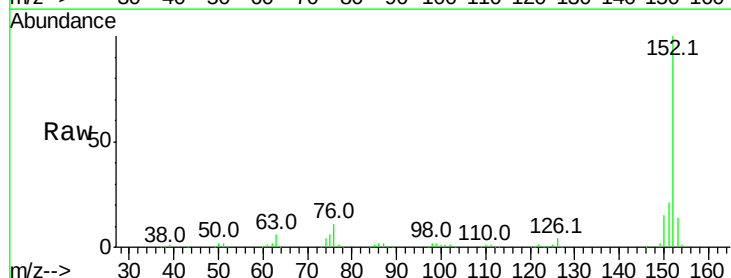


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

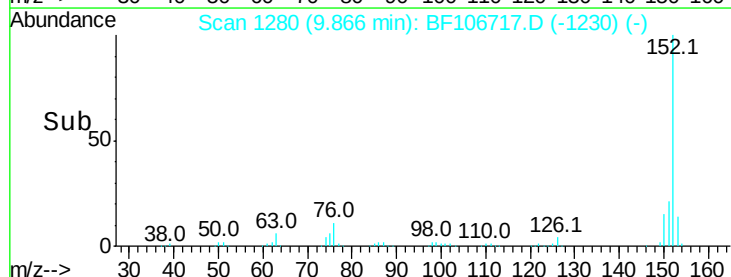
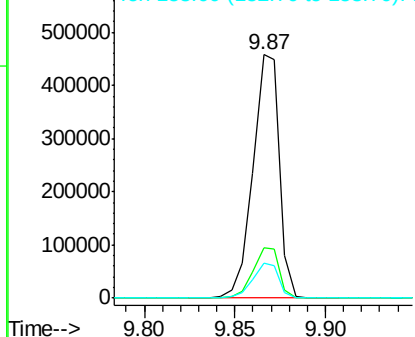


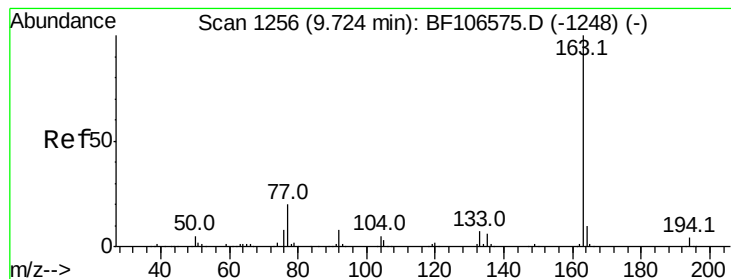
#48
Acenaphthylene
Concen: 40.290 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

Tgt Ion: 152 Resp: 461327
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 14.5 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 50.231 ng

RT: 9.72 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

Instrument :

BNA_F

ClientSampleId :

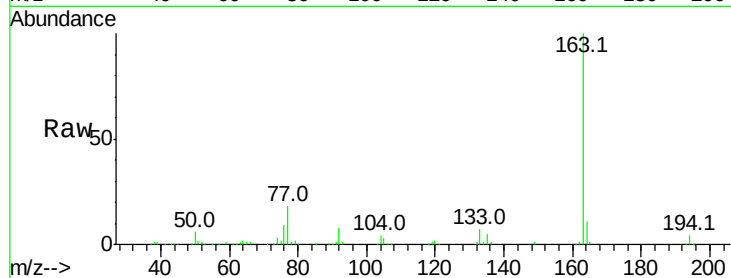
Tot Ion:163 Resp: 435549

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

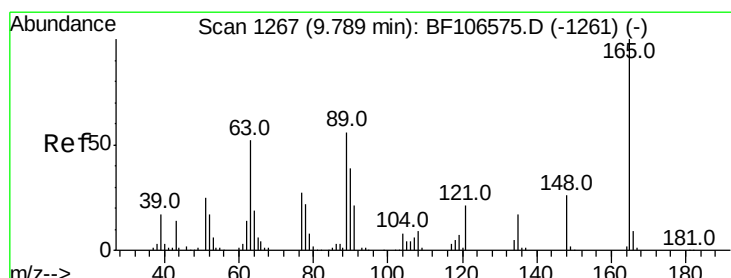
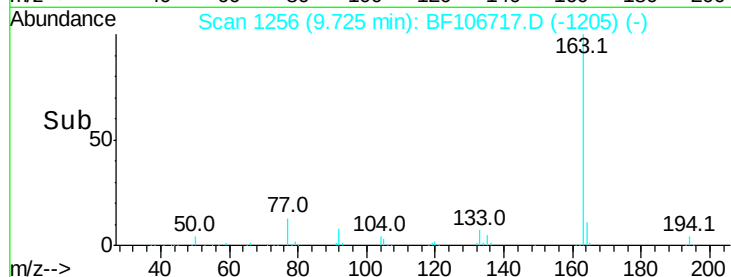
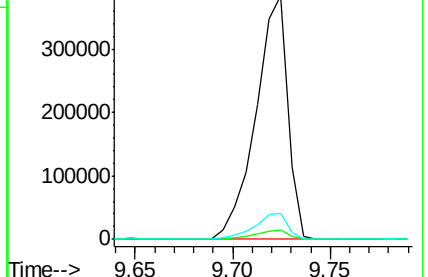
164 10.8 8.2 12.2



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: 45.909 ng

RT: 9.79 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

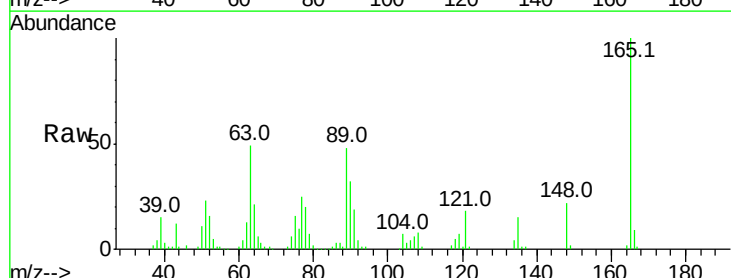
Tgt Ion:165 Resp: 84293

Ion Ratio Lower Upper

165 100

63 48.9 44.7 67.1

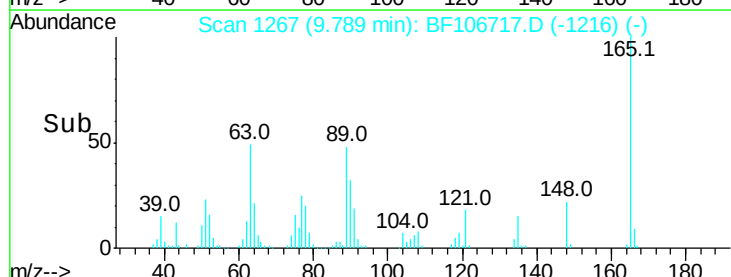
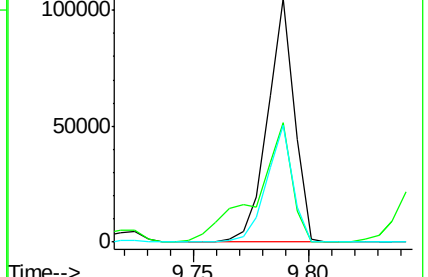
89 48.2 44.0 66.0

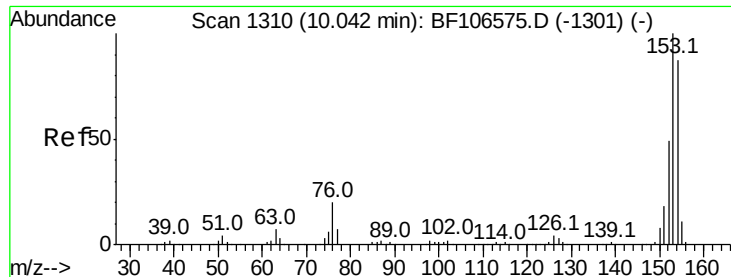


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

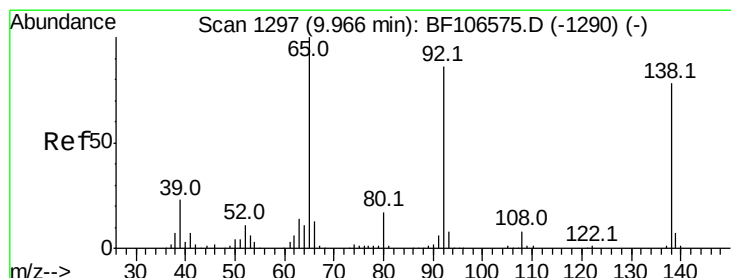
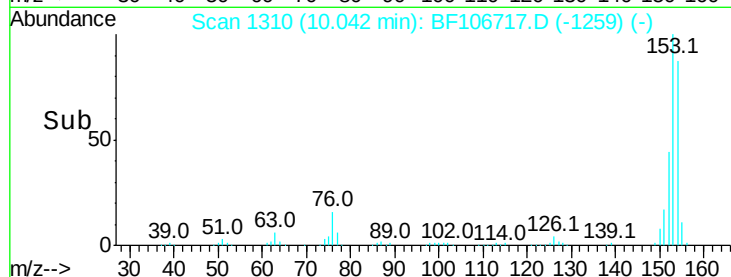
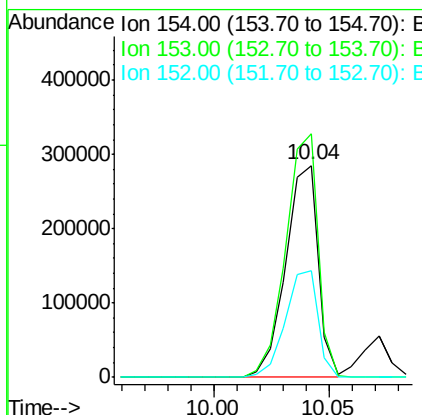
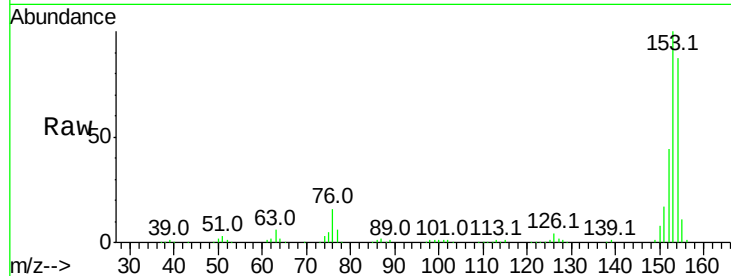




#51
Acenaphthene
Concen: 38.597 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

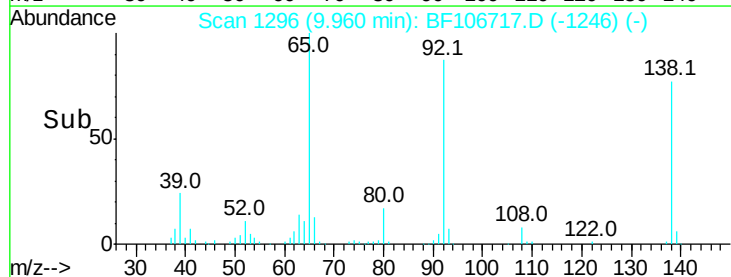
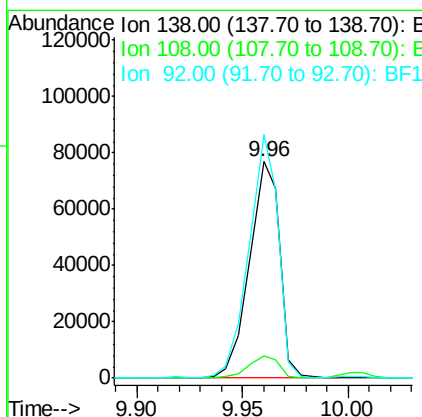
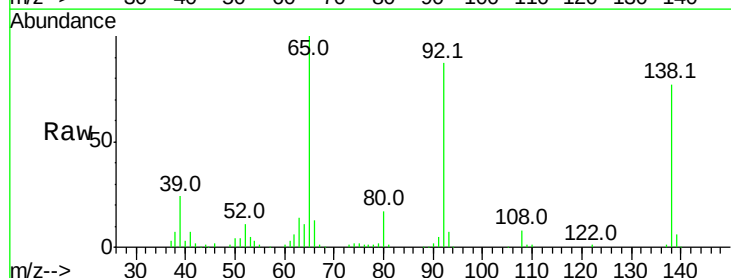
Instrument :
BNA_F
ClientSampleId :

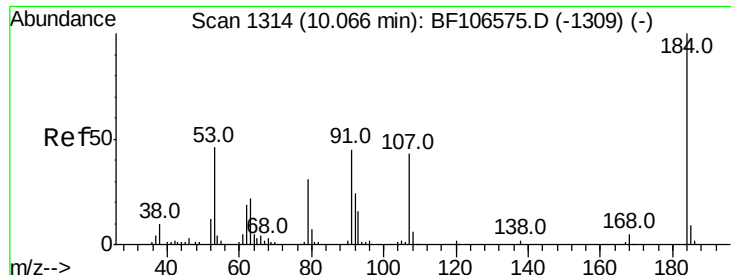
Tot Ion:154 Resp: 278296
Ion Ratio Lower Upper
154 100
153 115.0 91.2 136.8
152 50.6 43.8 65.8



#52
3-Nitroaniline
Concen: 36.147 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

Tgt Ion:138 Resp: 76374
Ion Ratio Lower Upper
138 100
108 10.5 9.4 14.0
92 112.5 89.4 134.2

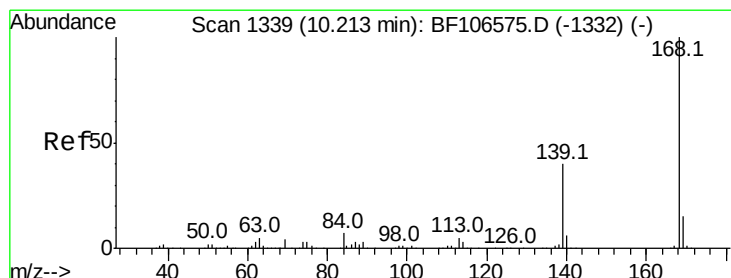
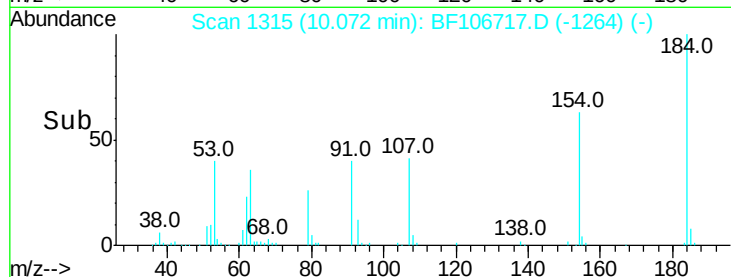
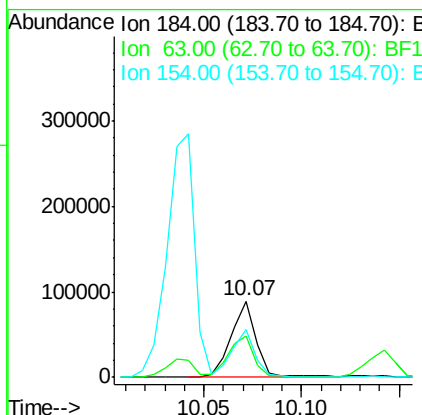
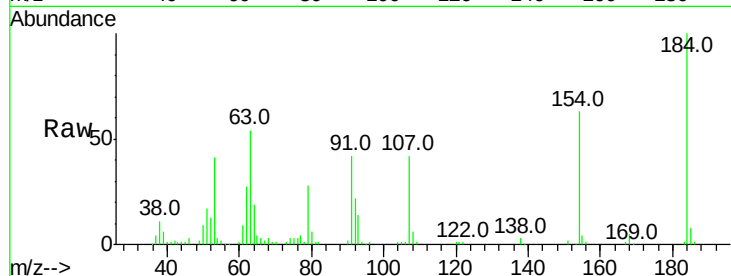




#53
 2,4-Dinitrophenol
 Concen: 83.843 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

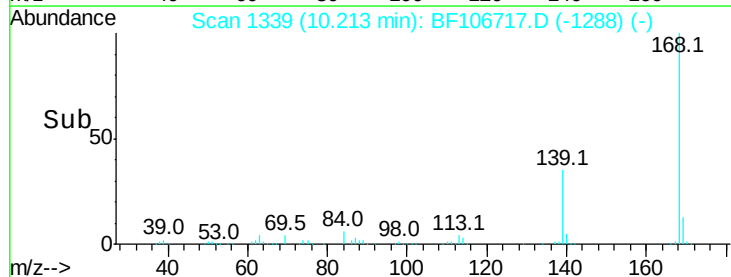
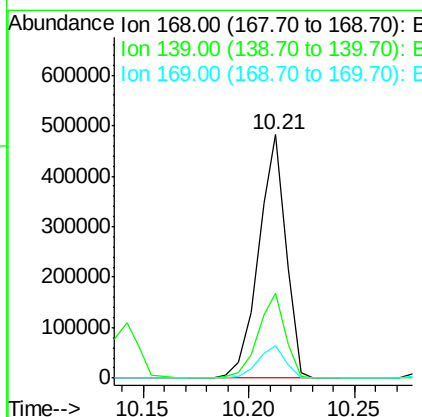
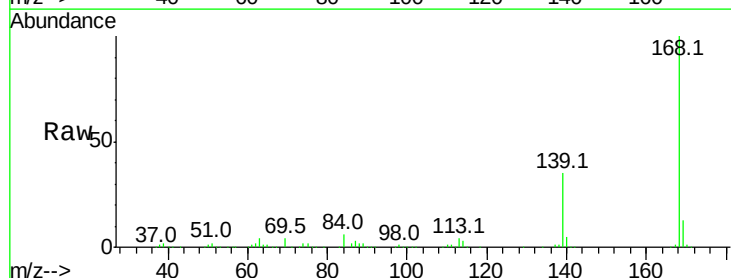
Instrument :
 BNA_F
 ClientSampleId :

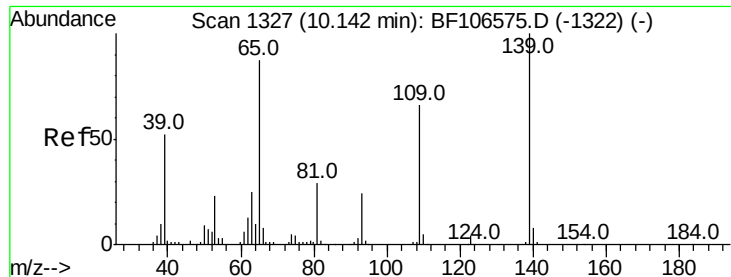
Tot Ion:184 Resp: 80303
 Ion Ratio Lower Upper
 184 100
 63 54.0 54.2 81.2#
 154 63.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 43.749 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

Tgt Ion:168 Resp: 431933
 Ion Ratio Lower Upper
 168 100
 139 35.0 30.1 45.1
 169 13.4 10.9 16.3

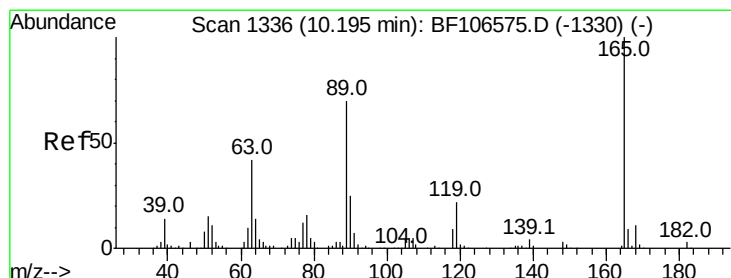
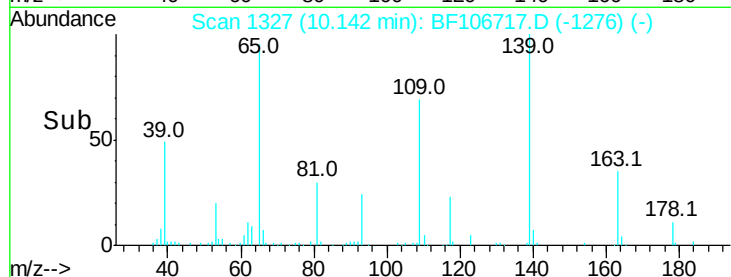
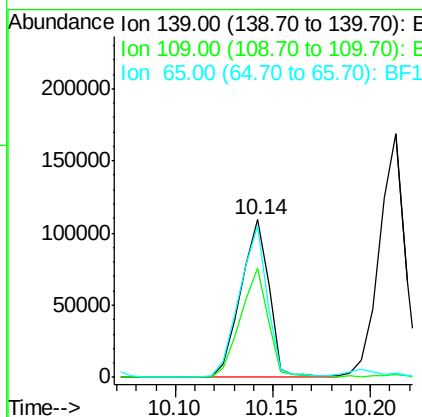
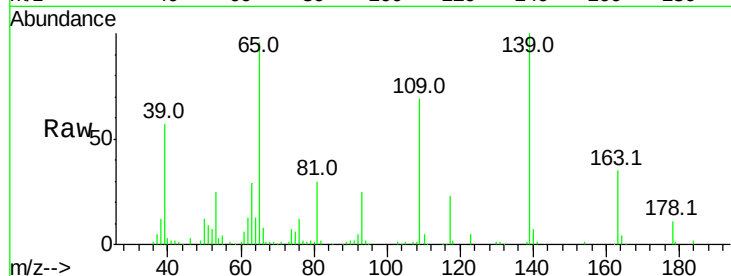




#55
4-Nitrophenol
Concen: 75.146 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

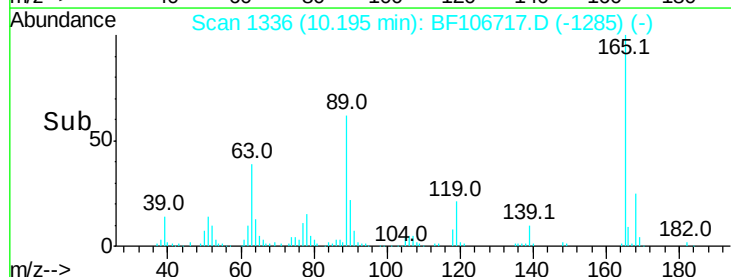
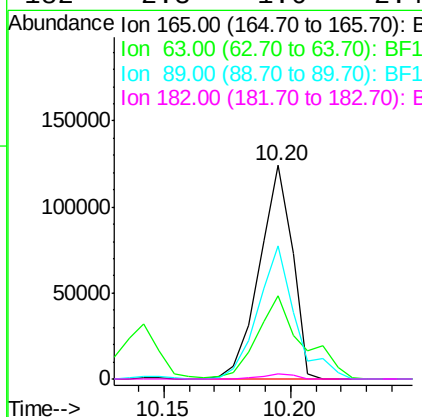
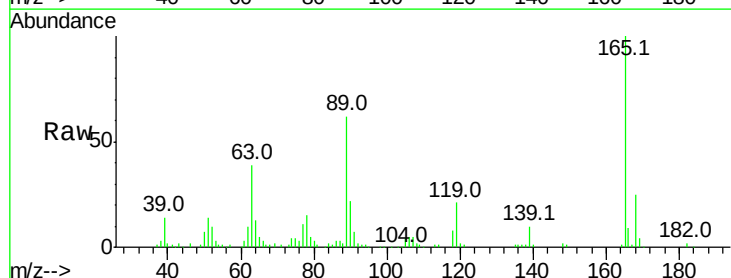
Instrument :
BNA_F
ClientSampled :

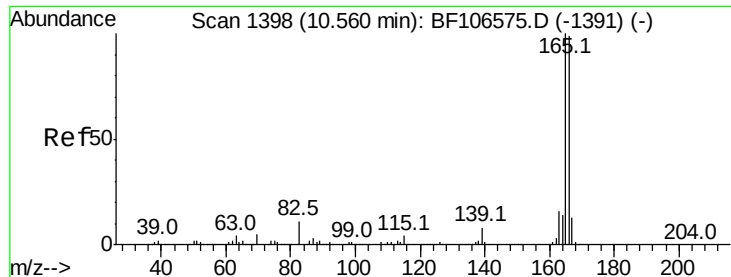
Tot Ion:139 Resp: 110825
Ion Ratio Lower Upper
139 100
109 69.2 48.4 88.4
65 96.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 47.400 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

Tgt Ion:165 Resp: 113600
Ion Ratio Lower Upper
165 100
63 39.1 36.4 54.6
89 62.3 57.8 86.6
182 2.3 1.6 2.4

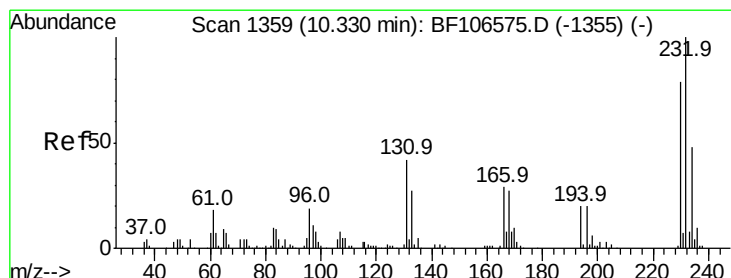
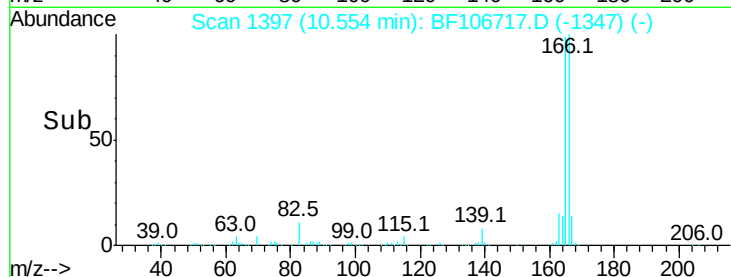
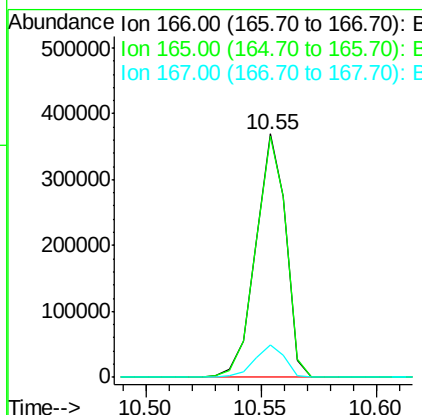
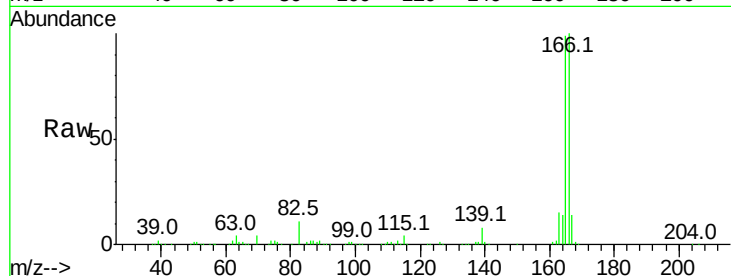




#57
Fluorene
Concen: 42.659 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

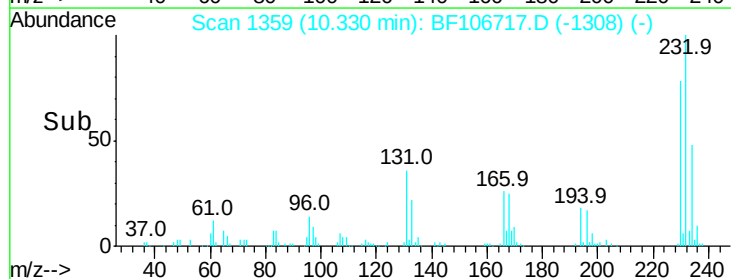
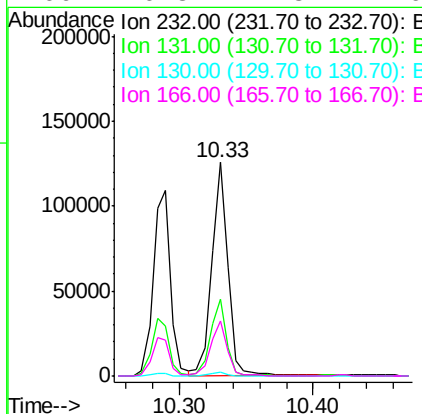
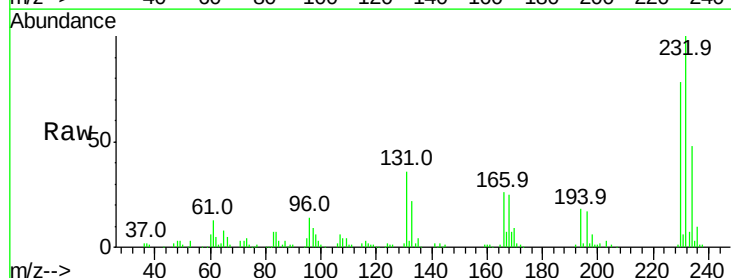
Instrument :
BNA_F
ClientSampleId :

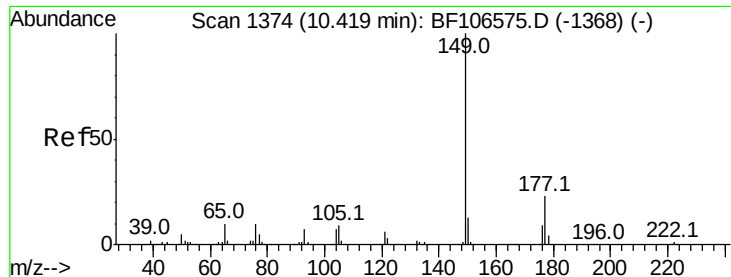
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.8	119.8
167	13.5	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 49.725 ng
RT: 10.33 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.2	43.8	65.8#
130	1.5	2.1	3.1#
166	26.3	27.8	41.6#

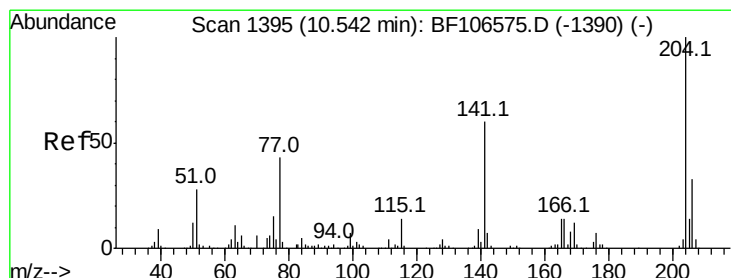
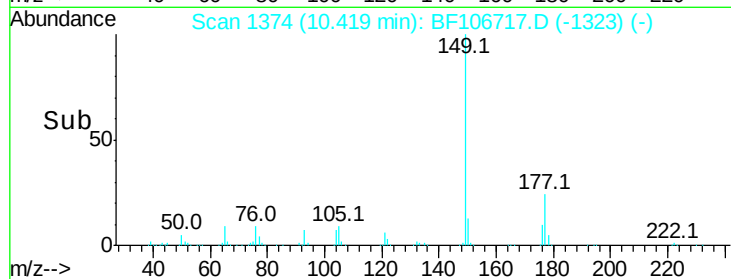
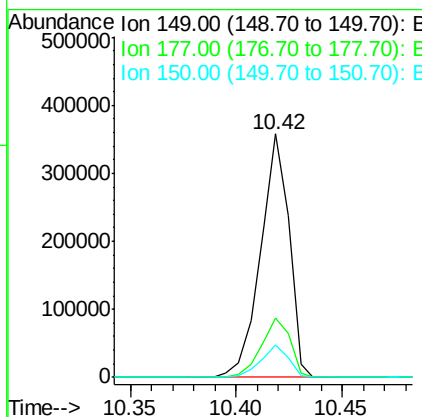
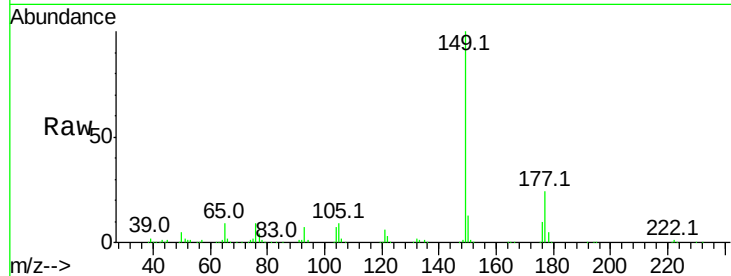




#59
Diethylphthalate
Concen: 40.065 ng
RT: 10.42 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

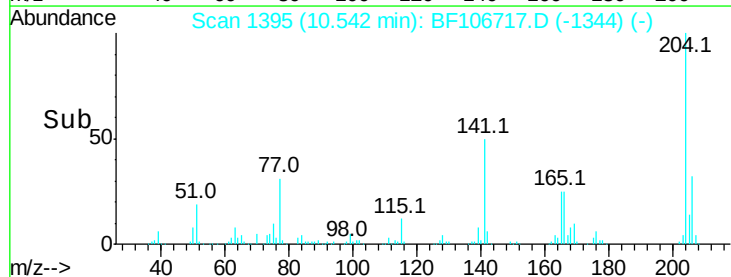
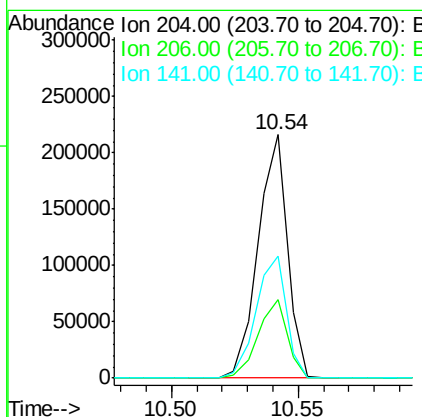
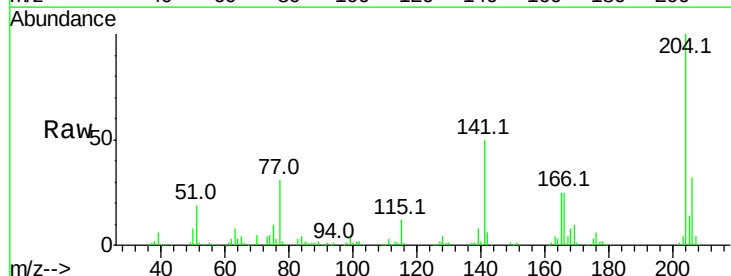
Instrument :
BNA_F
ClientSampled :

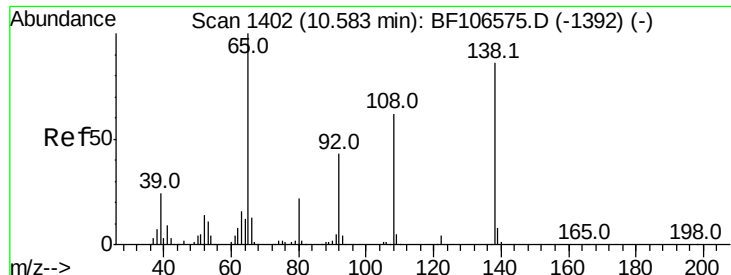
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.5	16.1	24.1#
150	13.1	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.824 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	50.1	54.6	81.8#





#61

4-Nitroaniline

Concen: 42.030 ng

RT: 10.58 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

Instrument :

BNA_F

ClientSampleId :

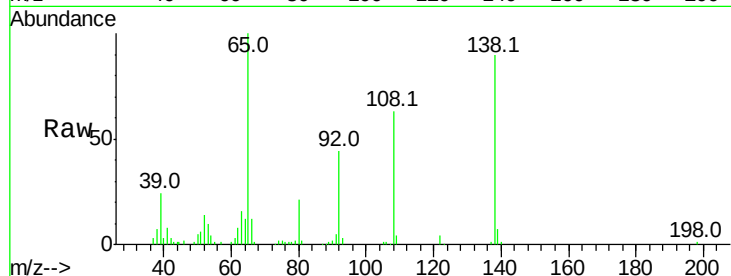
Tot Ion:138 Resp: 88132

Ion Ratio Lower Upper

138 100

92 49.1 30.2 70.2

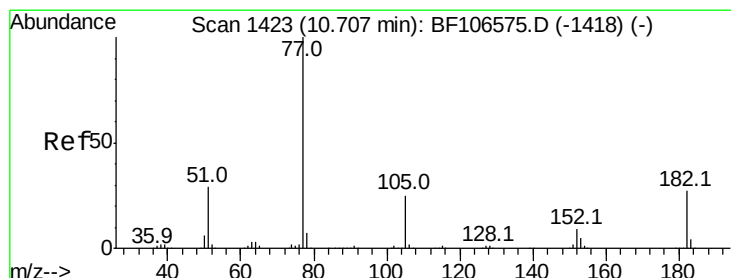
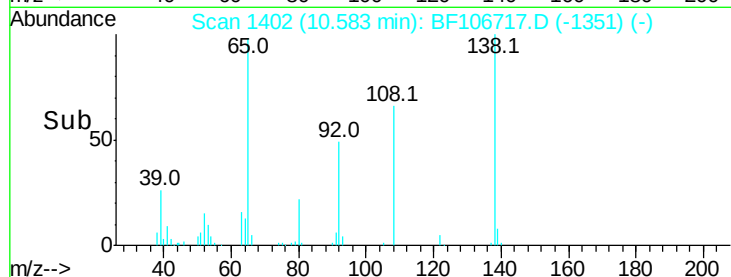
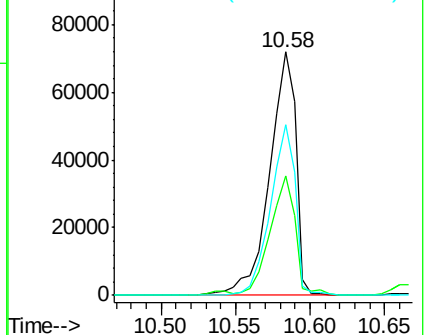
108 70.3 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.790 ng

RT: 10.70 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

Tgt Ion: 77 Resp: 327917

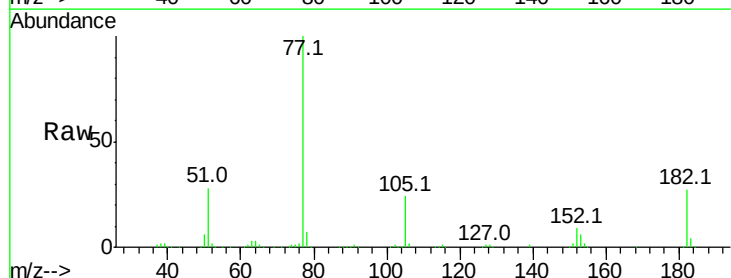
Ion Ratio Lower Upper

77 100

182 27.3 1.7 41.7

105 24.5 3.0 43.0

51 28.3 9.9 49.9

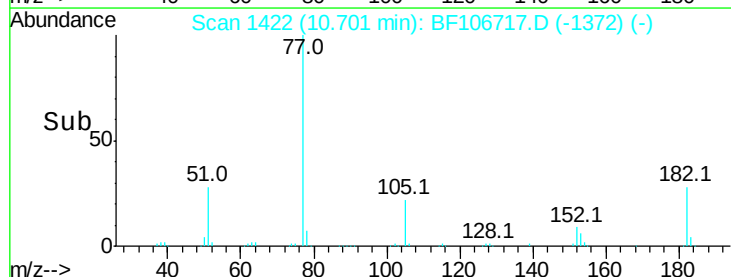
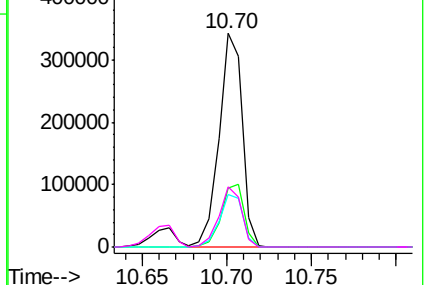


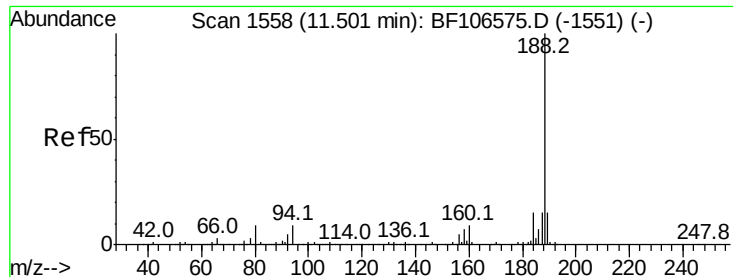
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

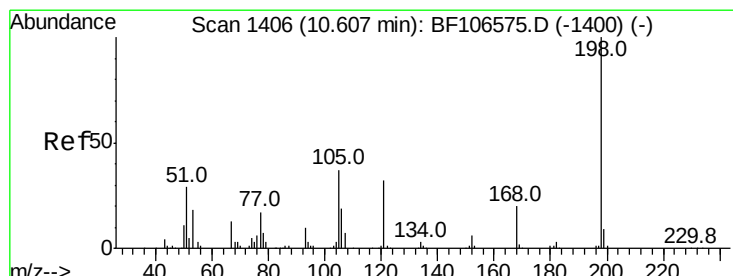
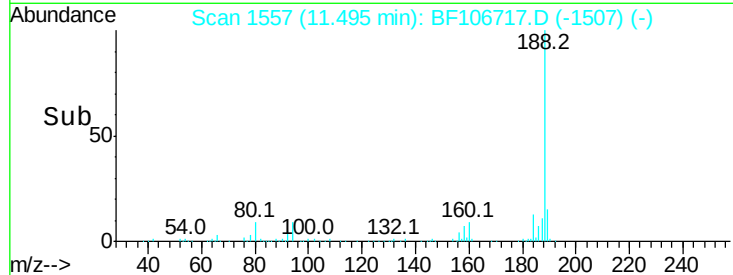
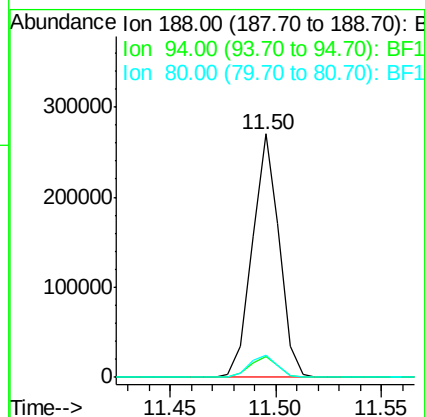
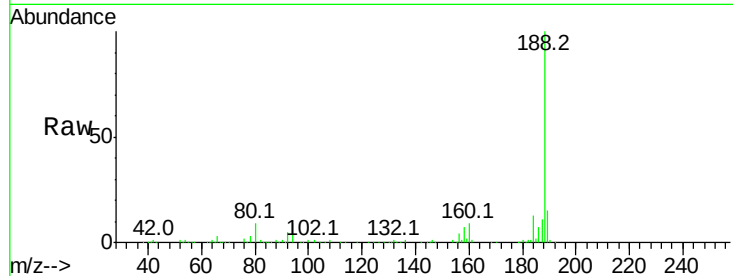




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

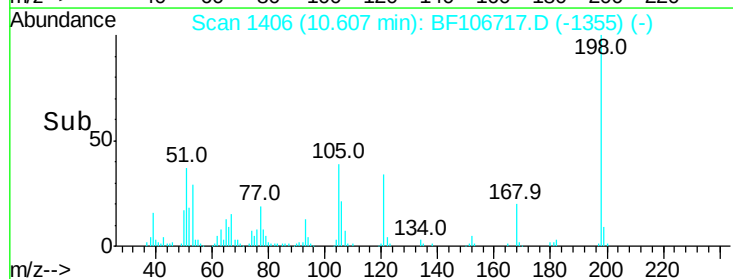
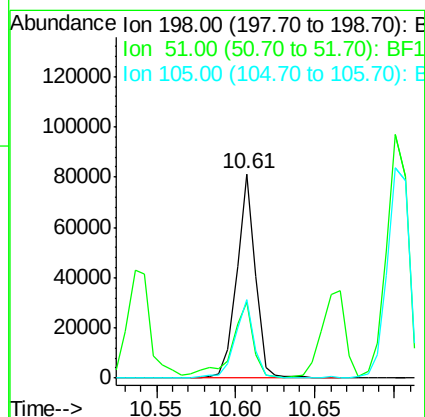
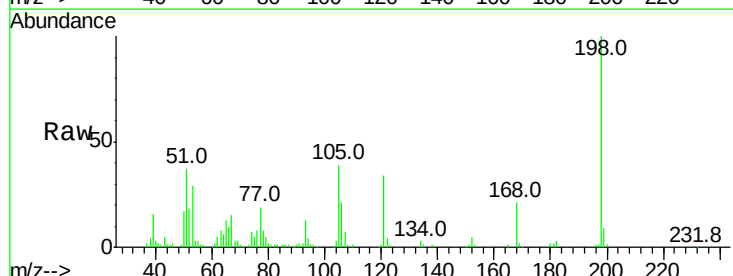
Instrument :
 BNA_F
 ClientSampleId :

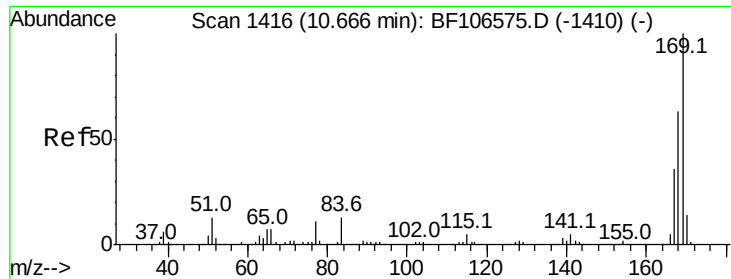
Tot Ion	188	Ratio	100	Resp	238798
Ion	188	Ratio	100	Lower	Upper
	94	8.8		8.5	12.7
	80	9.3		9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.844 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

Tgt Ion	198	Ratio	100	Resp	66195
Ion	198	Ratio	100	Lower	Upper
	51	37.5		37.7	77.7#
	105	38.5		36.3	76.3

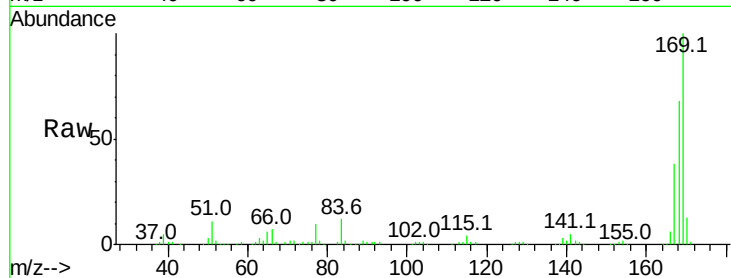




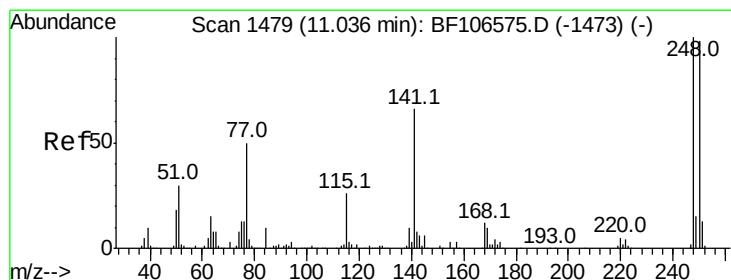
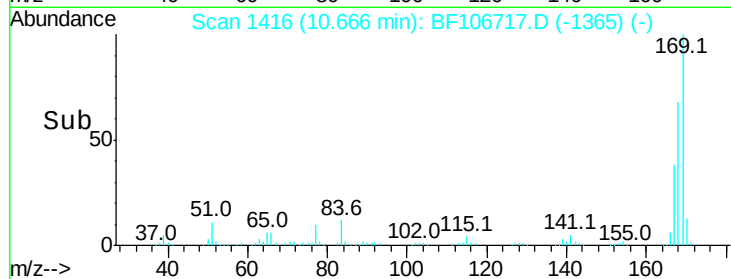
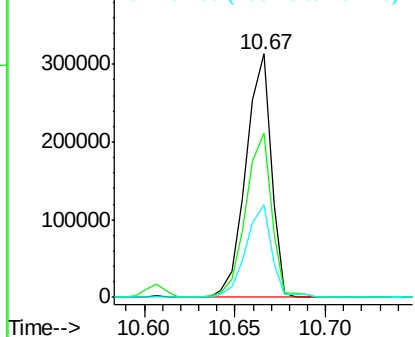
#65
 n-Nitrosodiphenylamine
 Concen: 38.015 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 305338
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.4 81.6
 167 37.8 29.8 44.6

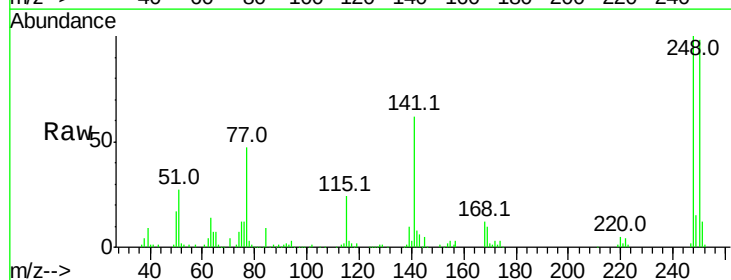


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

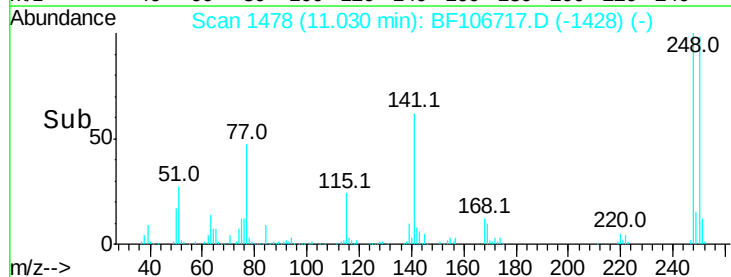
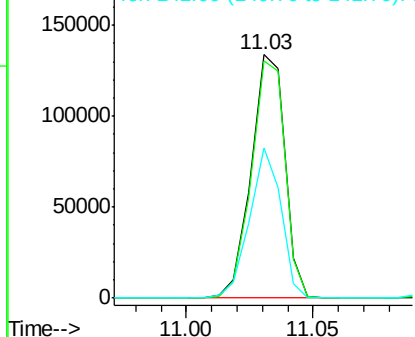


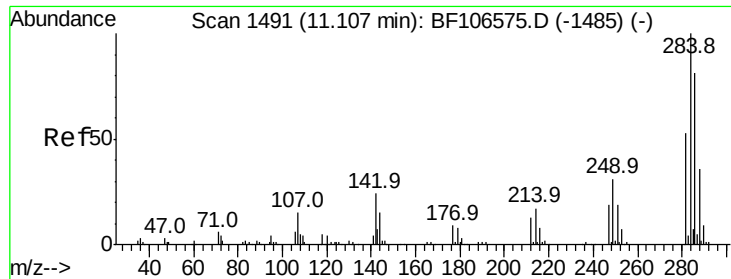
#66
 4-Bromophenyl-phenylether
 Concen: 43.657 ng
 RT: 11.03 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

Tgt Ion:248 Resp: 124419
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.9 115.3
 141 61.6 74.4 111.6#



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





#67

Hexachlorobenzene

Concen: 44.352 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

Instrument :

BNA_F

ClientSampleId :

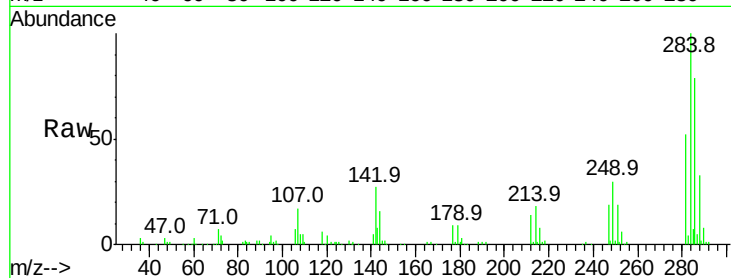
Tot Ion:284 Resp: 132294

Ion Ratio Lower Upper

284 100

142 26.8 34.6 52.0#

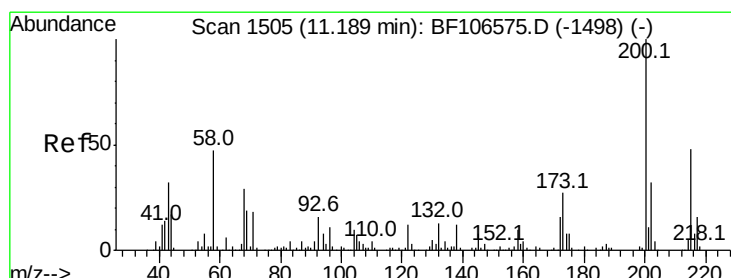
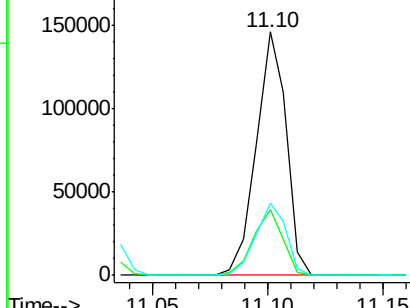
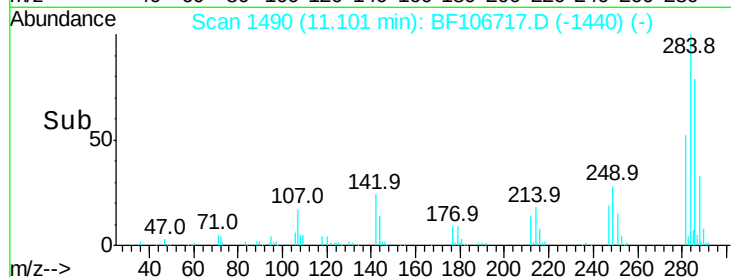
249 29.5 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.803 ng

RT: 11.19 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

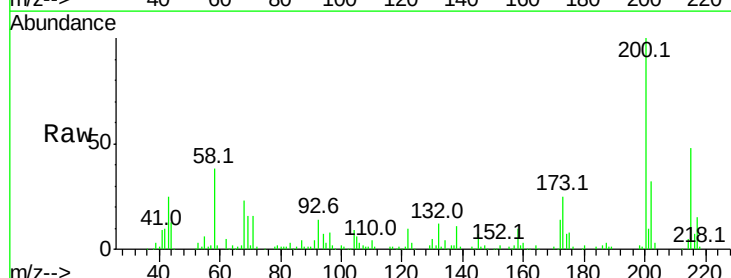
Tgt Ion:200 Resp: 109294

Ion Ratio Lower Upper

200 100

173 24.9 8.6 48.6

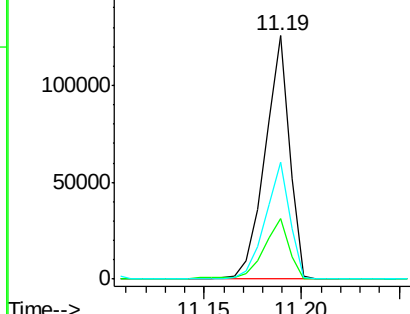
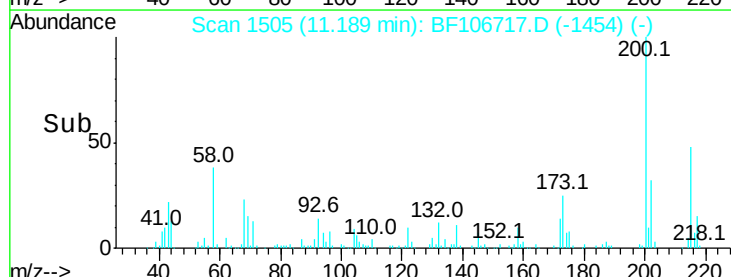
215 48.0 25.1 65.1

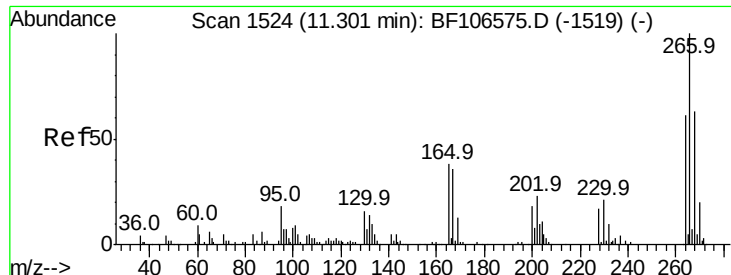


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

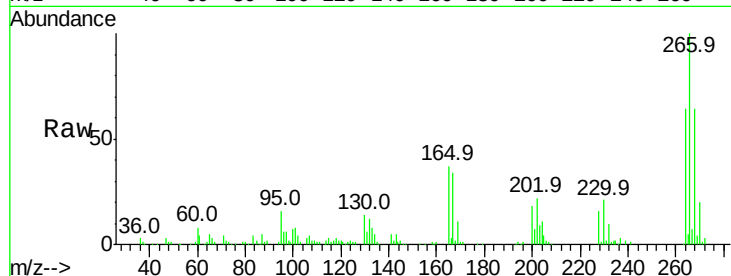




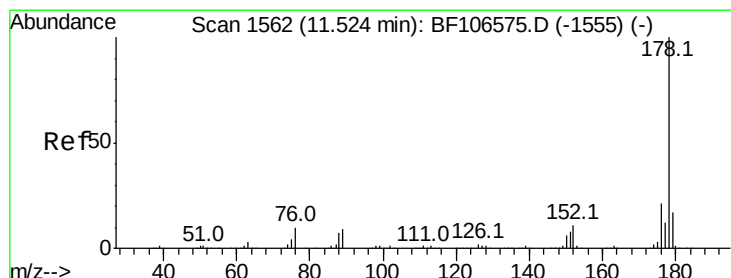
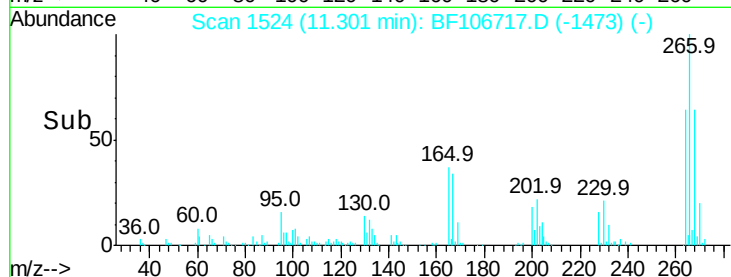
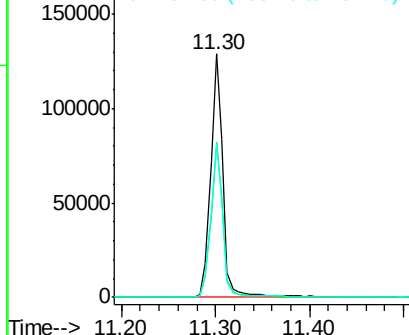
#69
 Pentachlorophenol
 Concen: 80.283 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.00 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.1	76.7
264	63.5	49.5	74.3

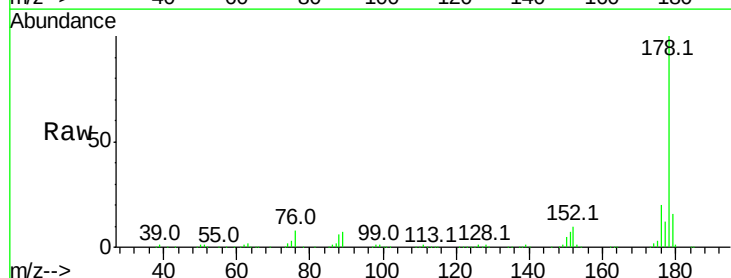


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

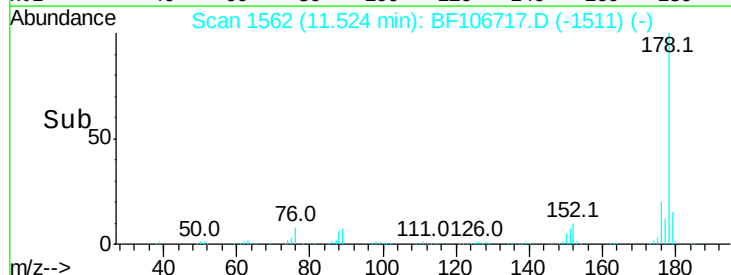
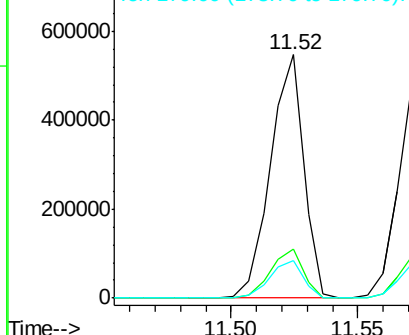


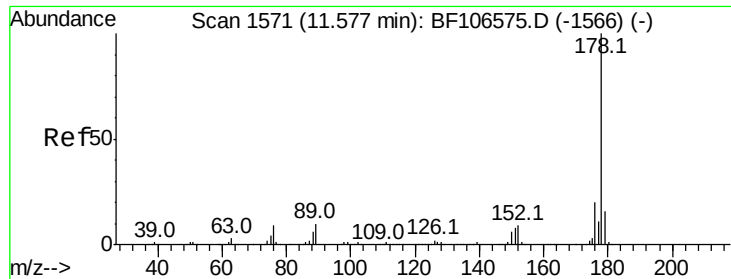
#70
 Phenanthrene
 Concen: 43.340 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.5	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

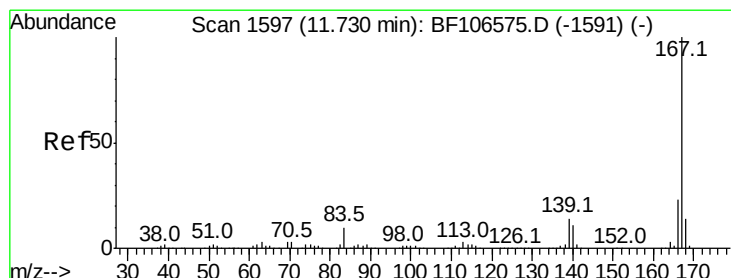
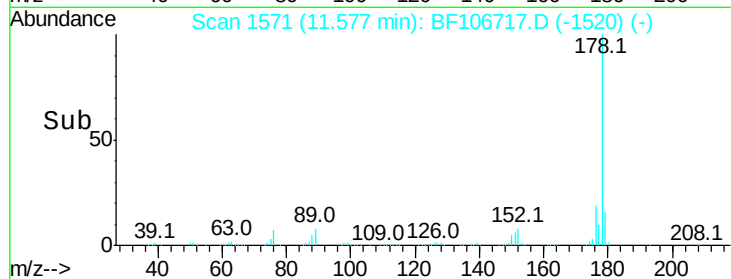
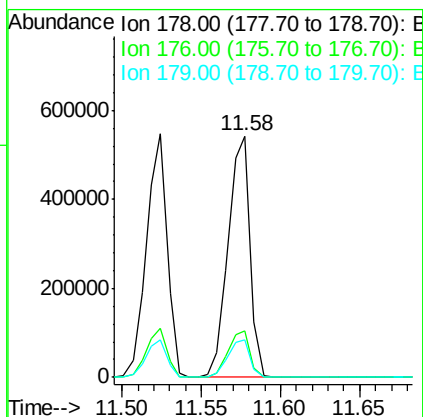
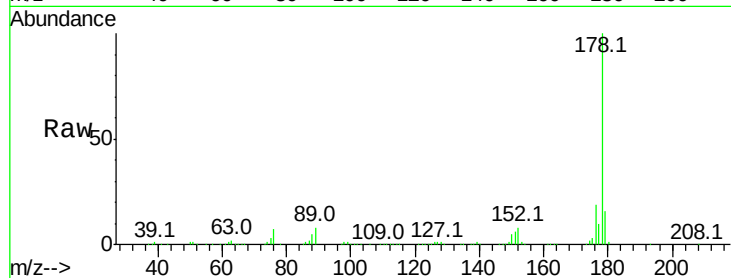




#71
 Anthracene
 Concen: 44.216 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

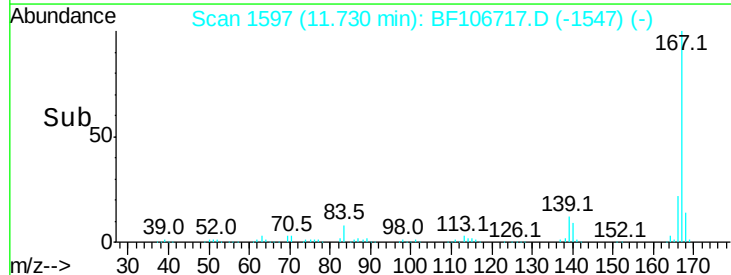
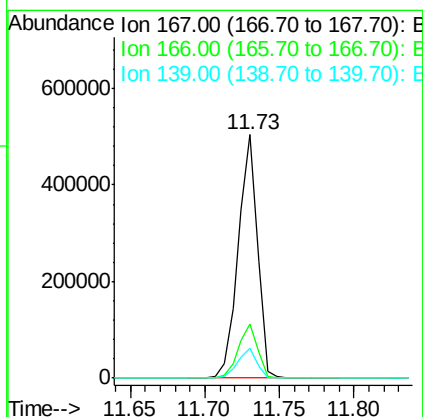
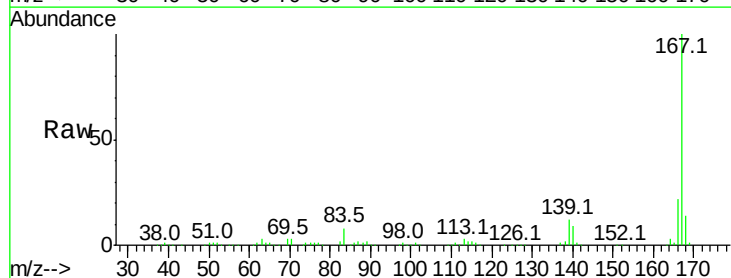
Instrument :
 BNA_F
 ClientSampleId :

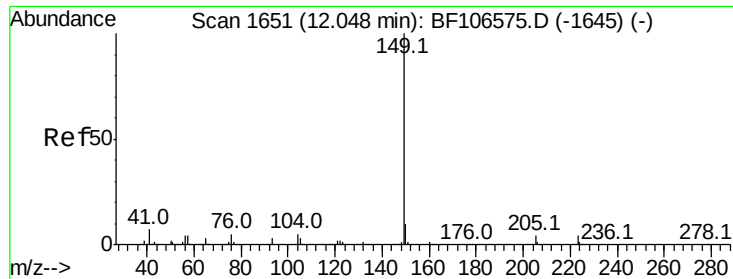
Tot Ion:178 Resp: 519817
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 41.569 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

Tgt Ion:167 Resp: 457539
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.965 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

Instrument :

BNA_F

ClientSampleId :

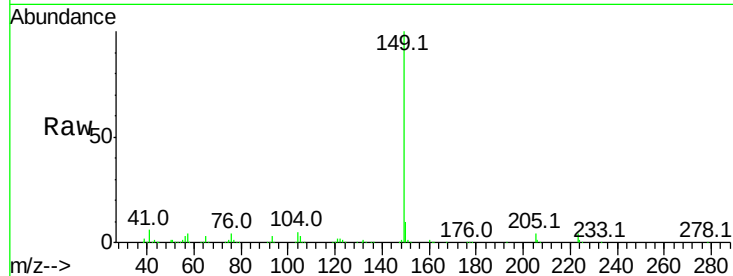
Tot Ion:149 Resp: 531192

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

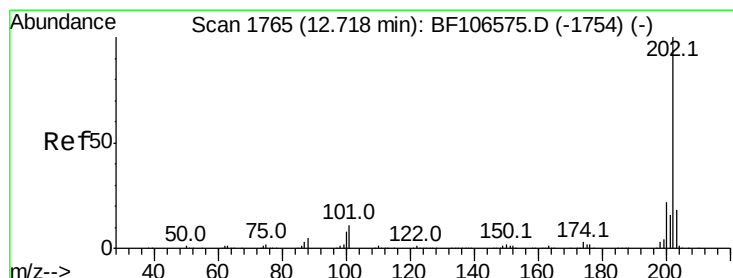
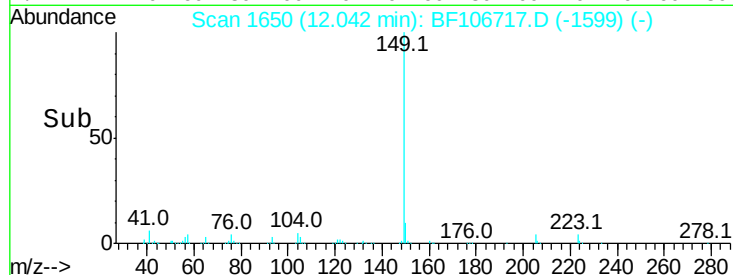
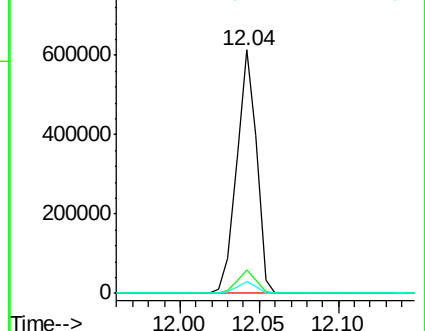
104 4.7 3.8 5.8



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



#74

Fluoranthene

Concen: 42.336 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

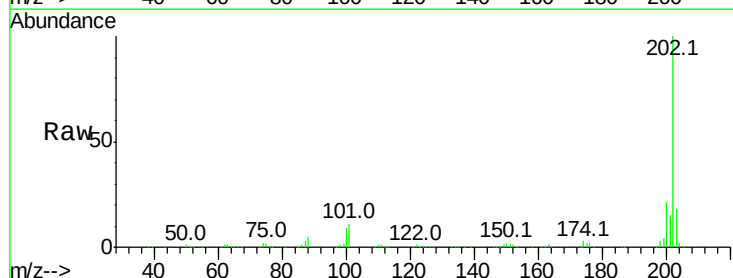
Tgt Ion:202 Resp: 537448

Ion Ratio Lower Upper

202 100

101 11.2 0.0 34.1

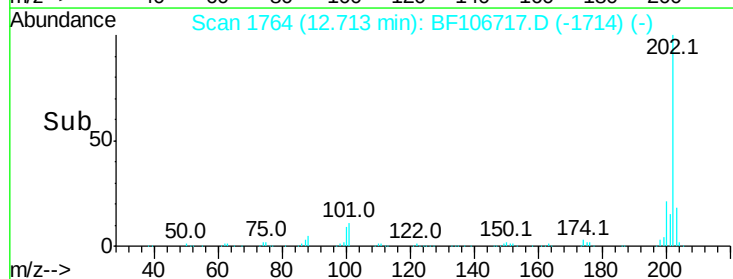
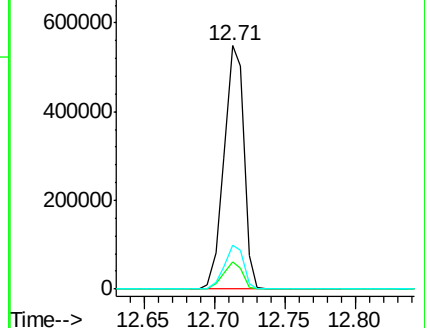
203 18.1 0.0 38.1

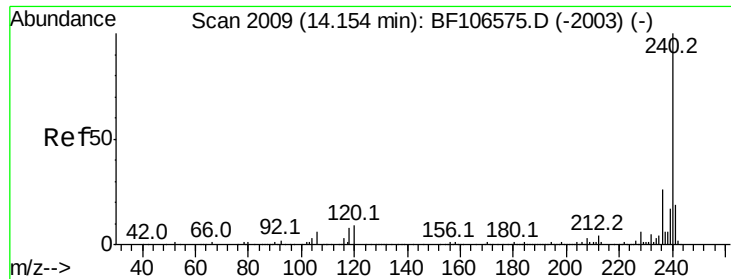


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

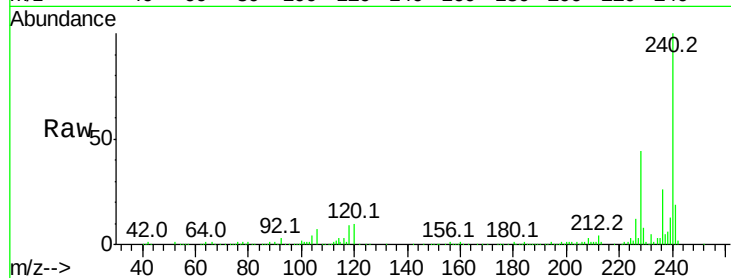




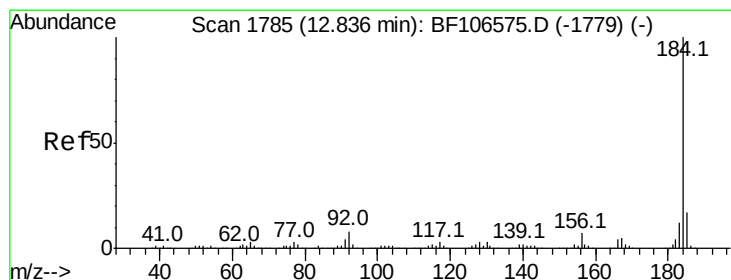
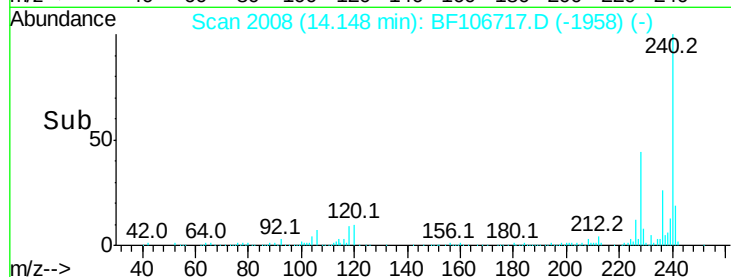
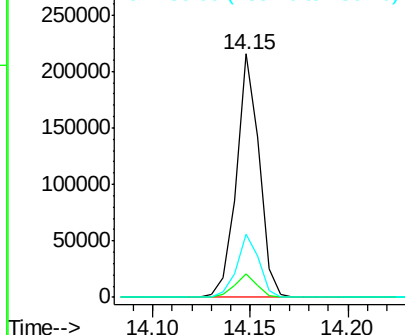
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 174018
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 25.9 20.7 31.1

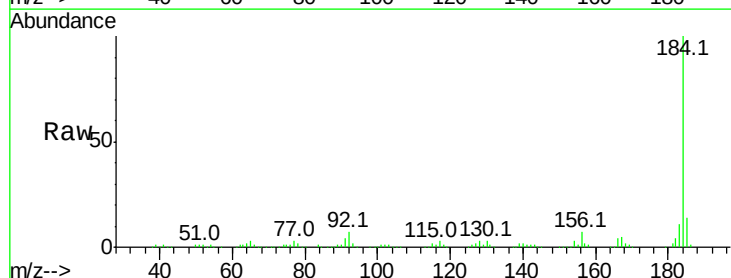


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

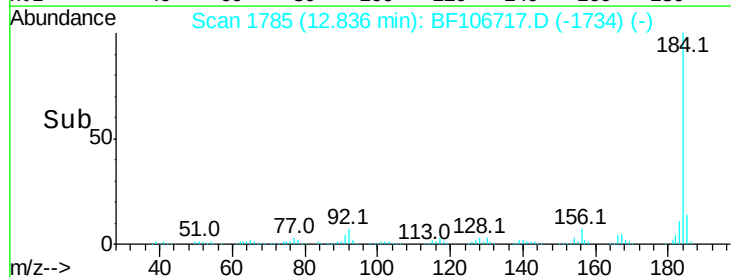
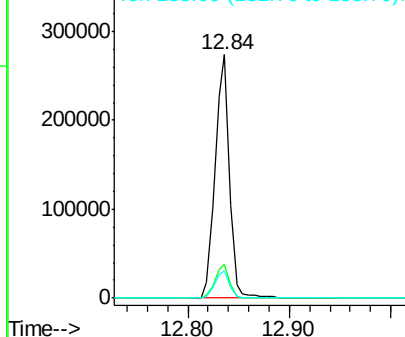


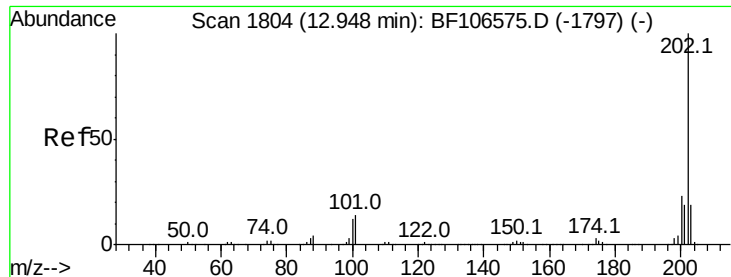
#76
Benzidine
Concen: 54.458 ng
RT: 12.84 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

Tgt Ion:184 Resp: 269894
Ion Ratio Lower Upper
184 100
185 13.7 12.6 18.8
183 11.4 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.796 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

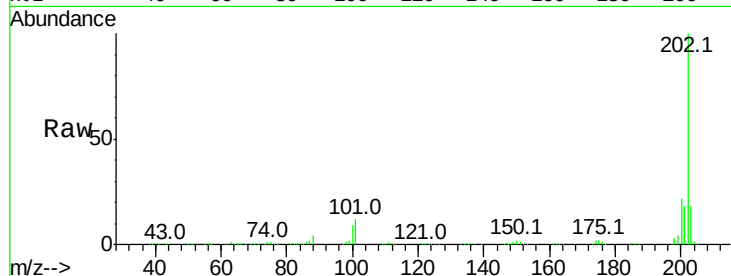
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 536999

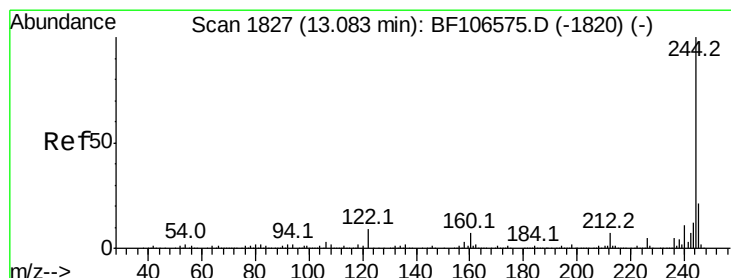
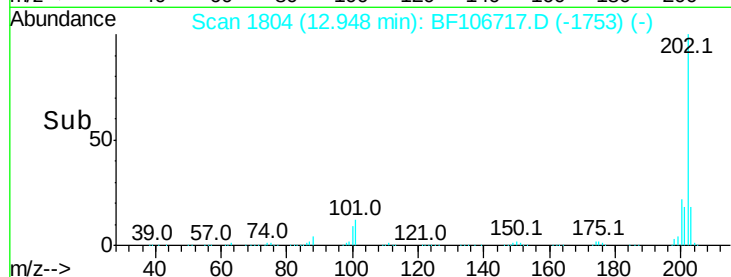
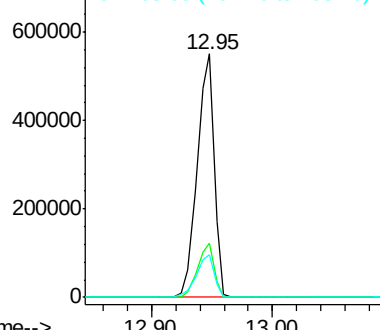
Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	17.6	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 102.243 ng

RT: 13.08 min Scan# 1827

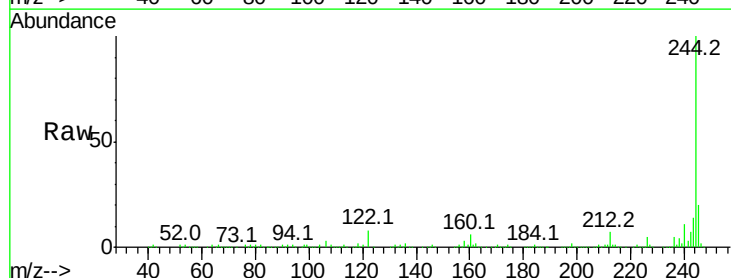
Delta R.T. -0.00 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

Tgt Ion:244 Resp: 734511

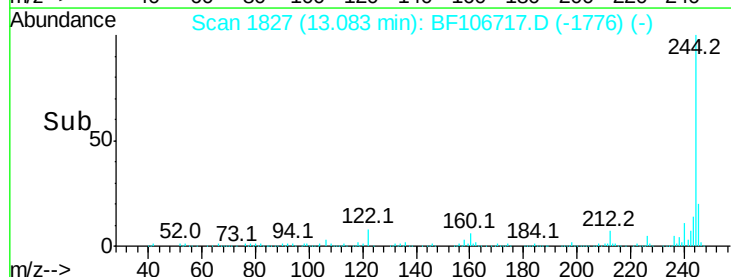
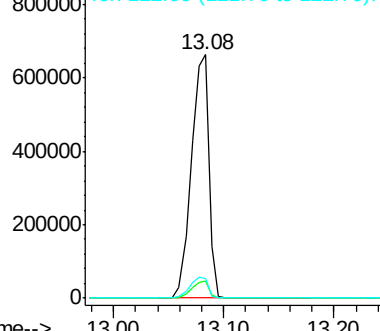
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	8.2	11.0	16.4

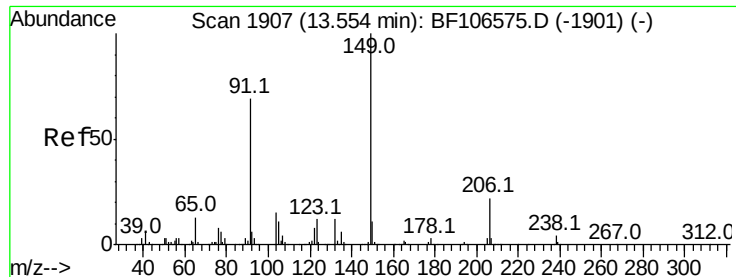


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.165 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

Instrument :

BNA_F

ClientSampleId :

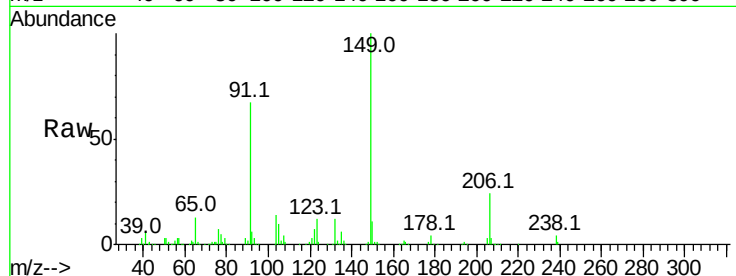
Tot Ion:149 Resp: 203654

Ion Ratio Lower Upper

149 100

91 67.4 56.8 85.2

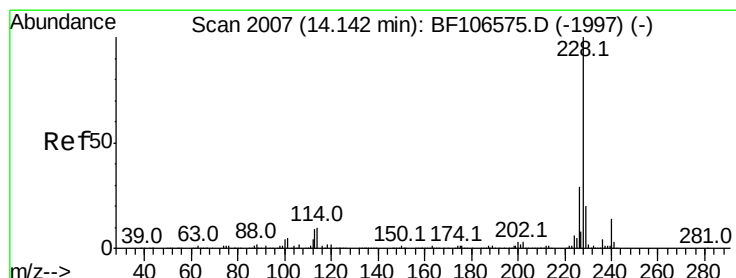
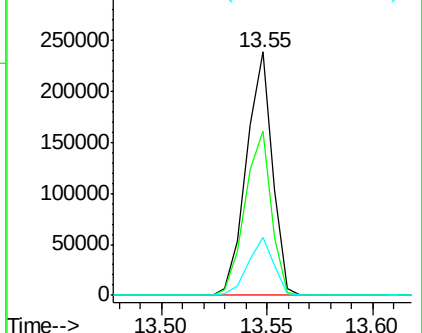
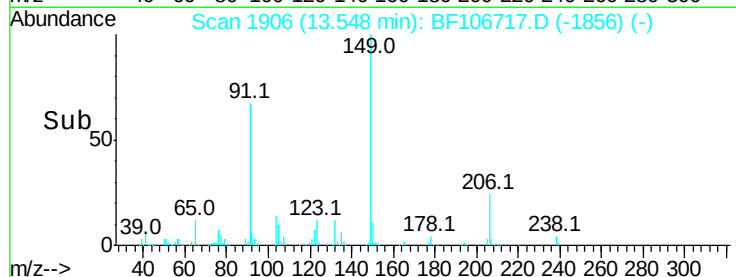
206 24.1 14.1 21.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.338 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

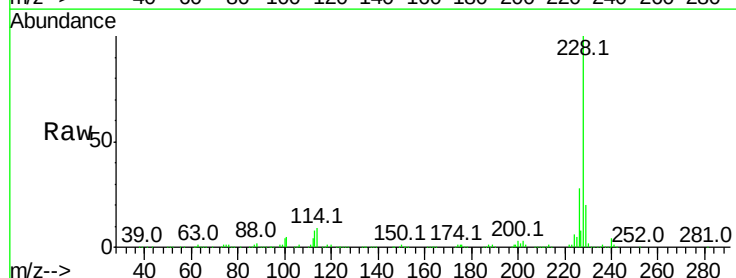
Tgt Ion:228 Resp: 459637

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

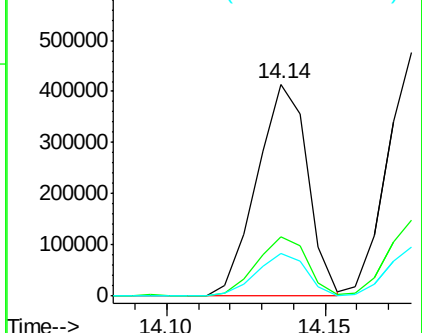
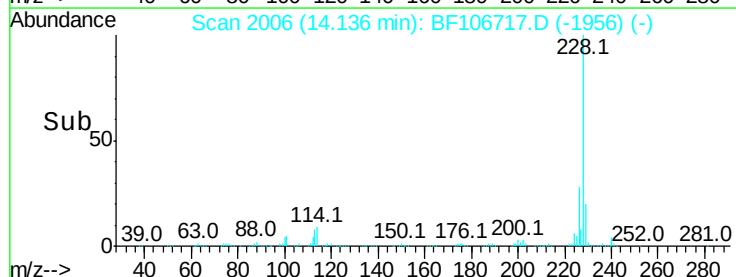
229 20.1 15.8 23.6

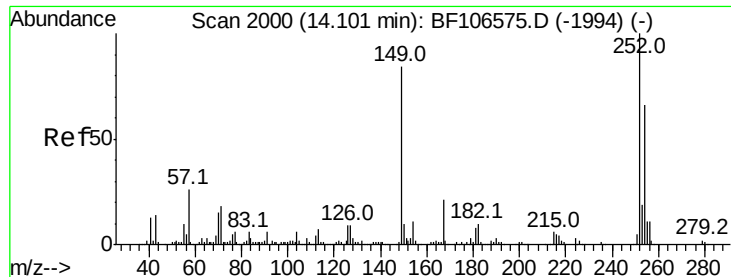


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

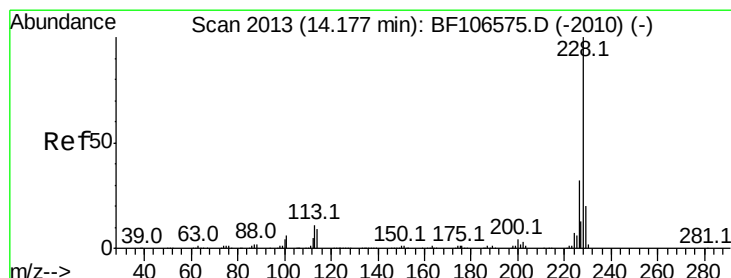
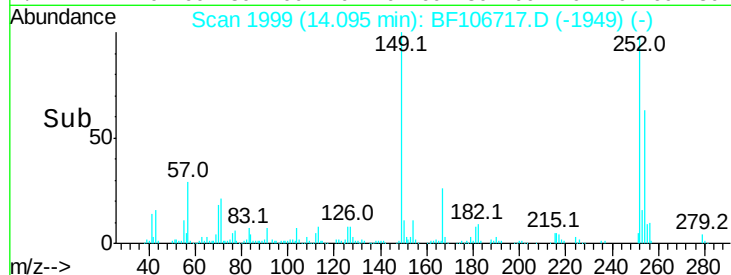
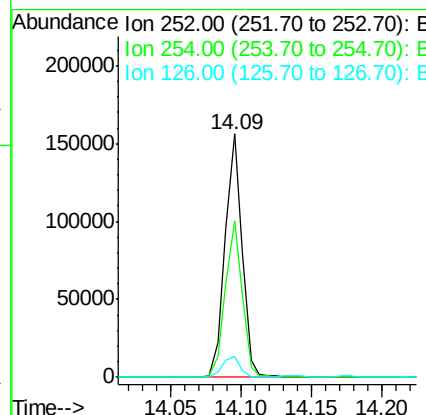
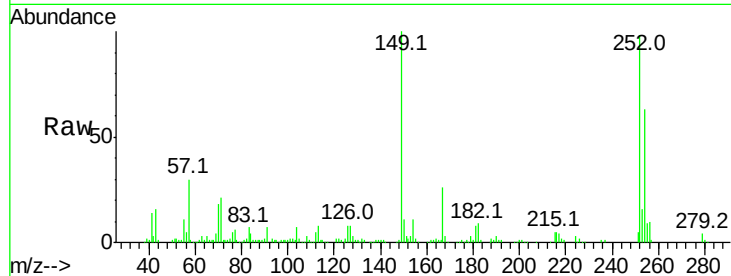




#81
 3,3'-Dichlorobenzidine
 Concen: 35.318 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

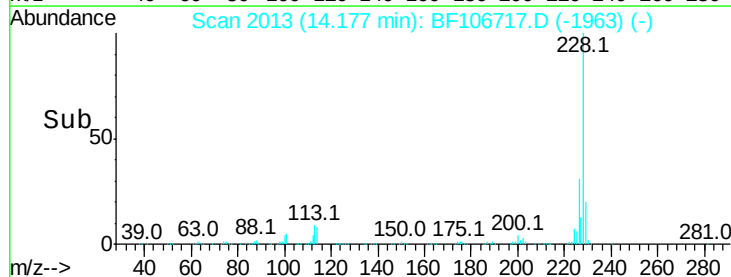
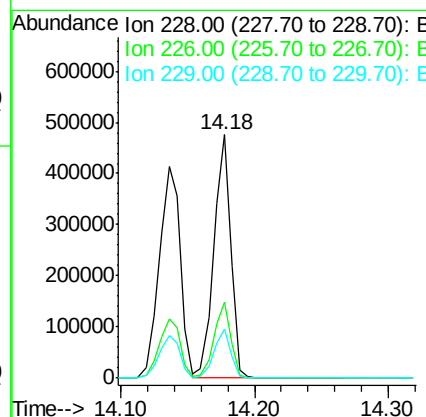
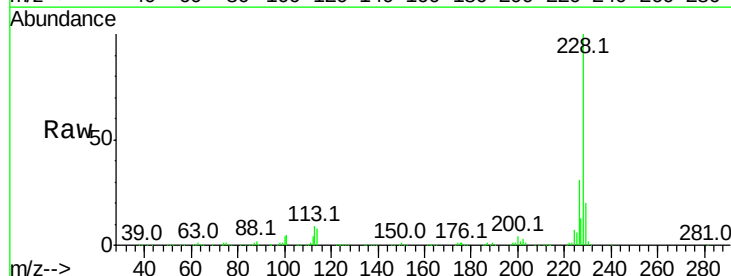
Instrument :
 BNA_F
 ClientSampled :

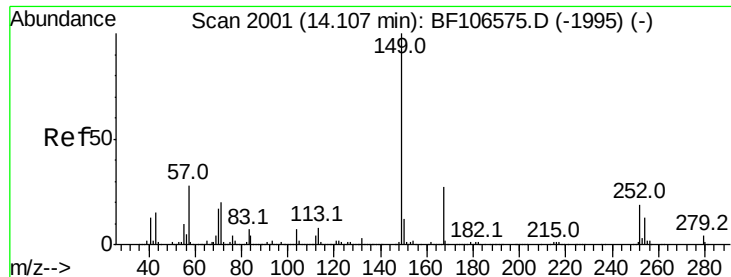
Tot Ion:252 Resp: 131648
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.4 75.6
 126 8.5 11.3 16.9#



#82
 Chrysene
 Concen: 43.236 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

Tgt Ion:228 Resp: 421864
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 20.1 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.151 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

Instrument :

BNA_F

ClientSampleId :

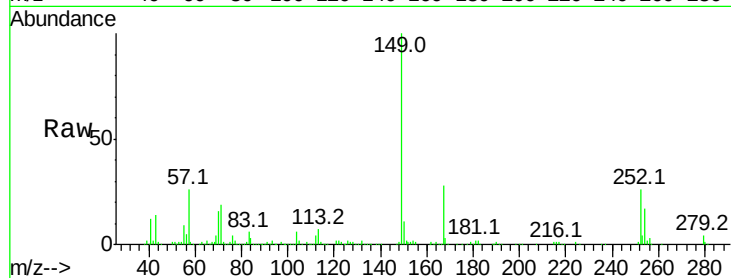
Tot Ion:149 Resp: 266313

Ion Ratio Lower Upper

149 100

167 28.2 21.3 31.9

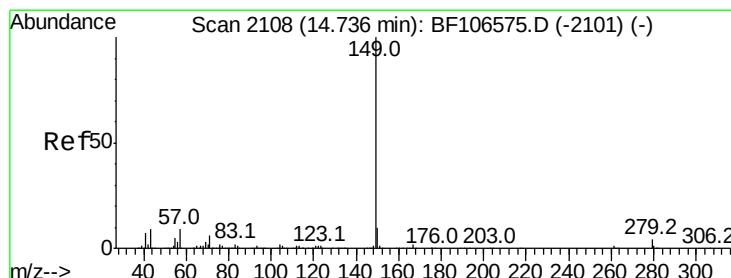
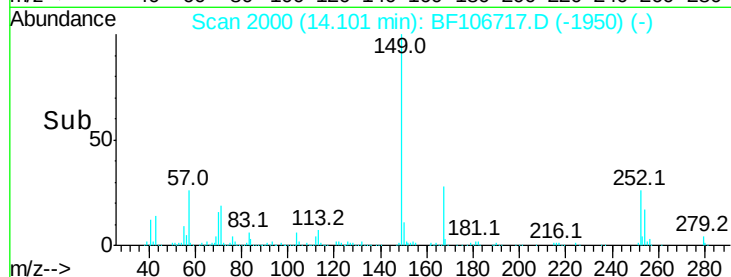
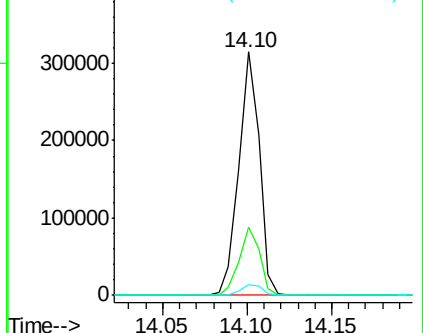
279 4.4 3.0 4.4



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: 42.154 ng

RT: 14.73 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

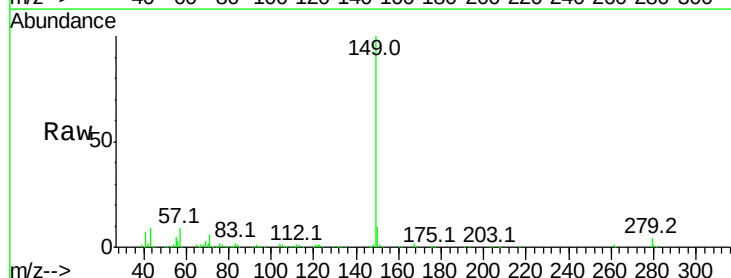
Tgt Ion:149 Resp: 414468

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

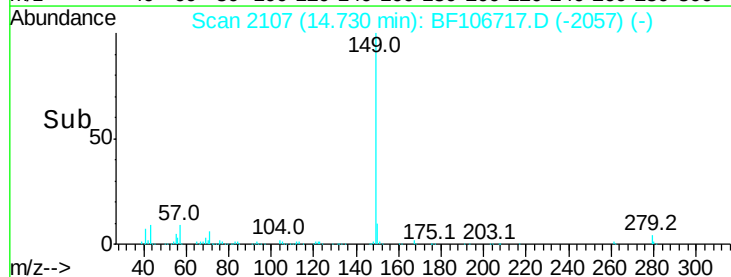
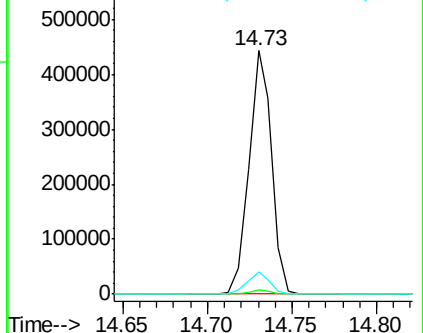
43 8.7 8.4 12.6

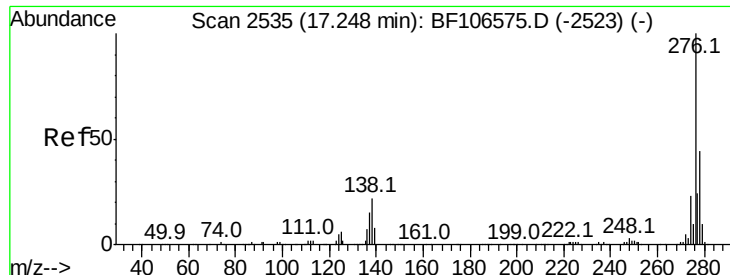


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

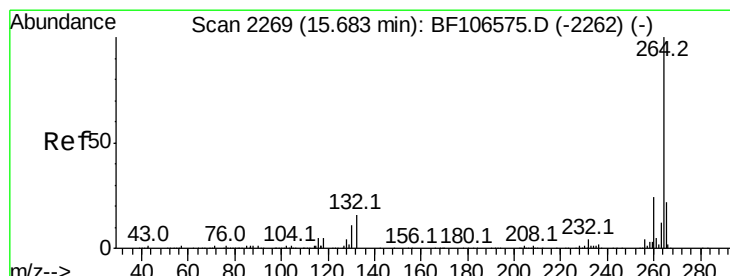
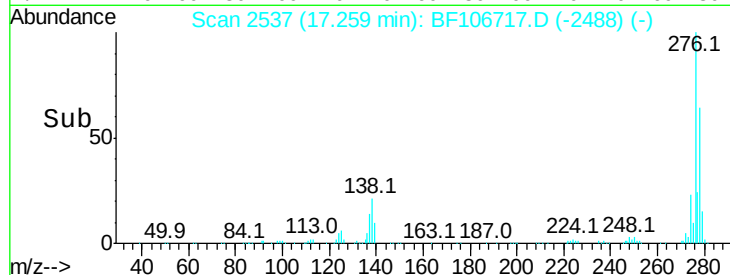
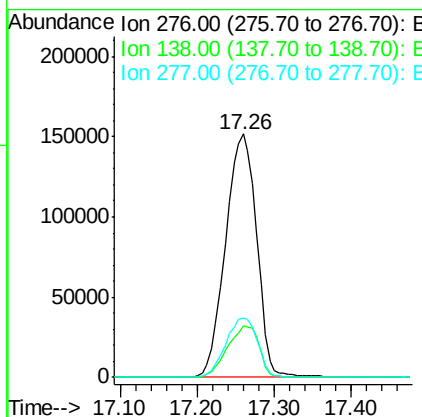
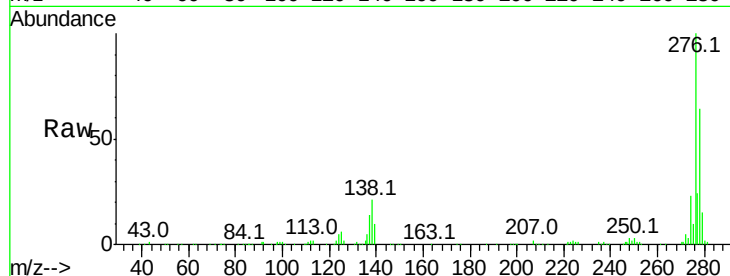




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.579 ng
 RT: 17.26 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

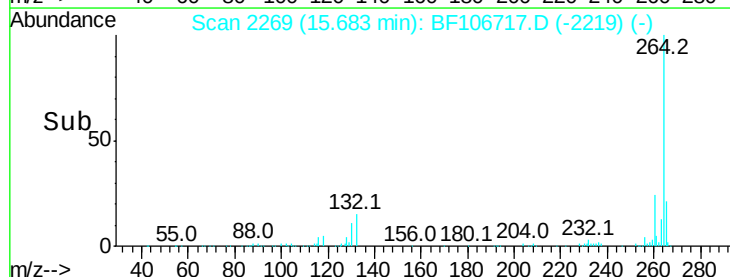
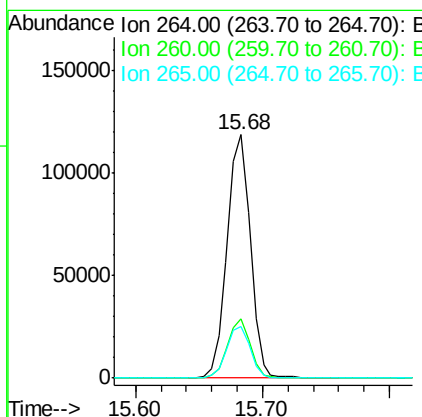
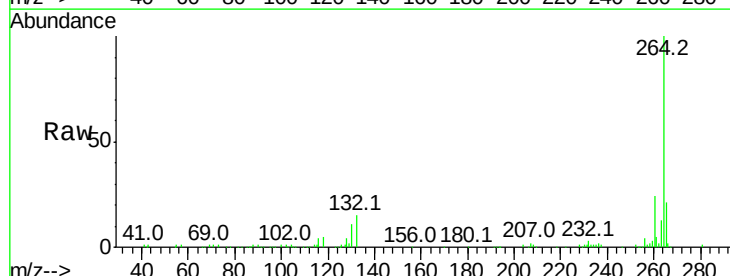
Instrument :
 BNA_F
 ClientSampleId :

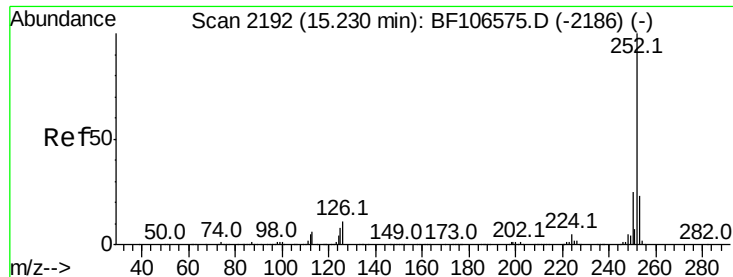
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	25.0	37.6#
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF106717.D
 Acq: 22 Jun 2018 19:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.4	17.5	26.3

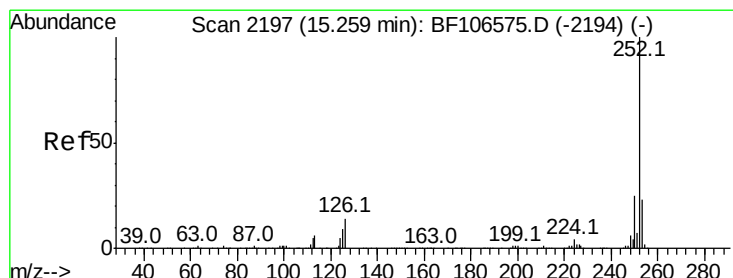
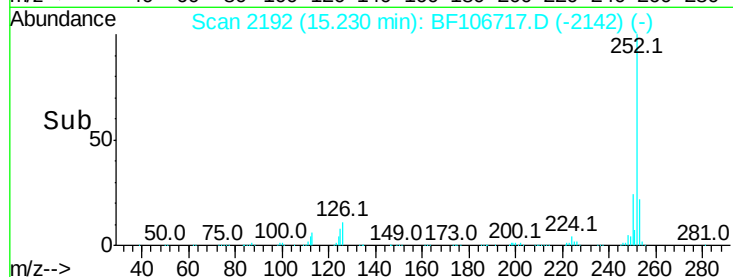
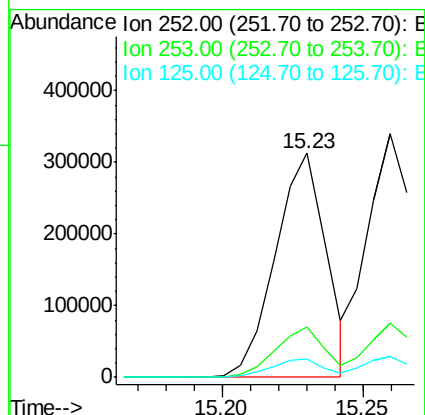
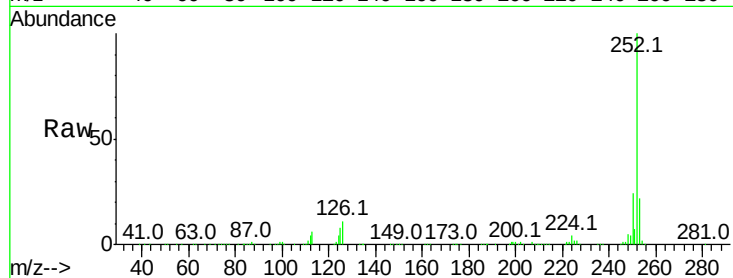




#87
Benzo(b)fluoranthene
Concen: 41.338 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

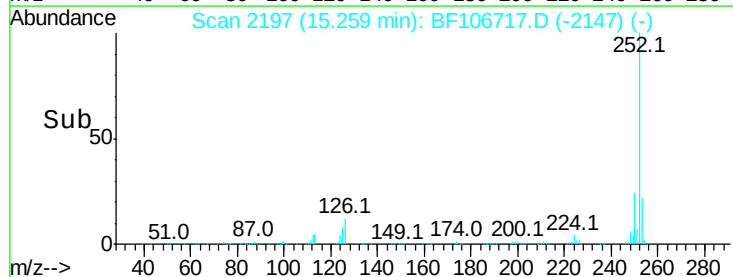
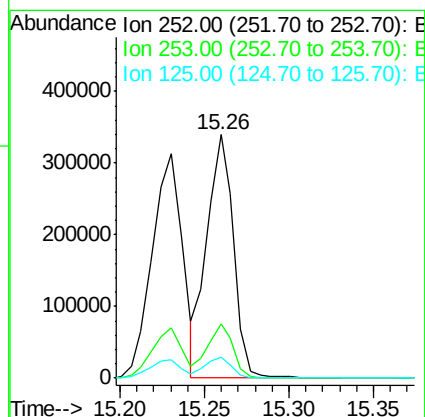
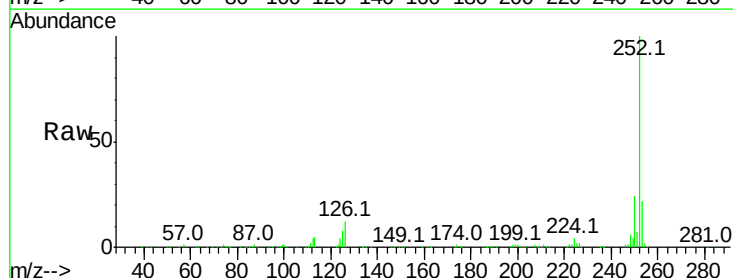
Instrument :
BNA_F
ClientSampleId :

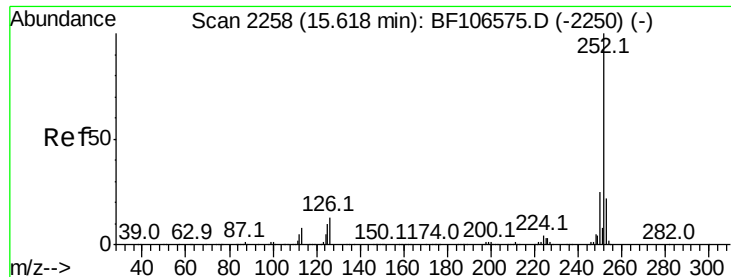
Tot Ion:252 Resp: 388694
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 7.9 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 41.575 ng
RT: 15.26 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

Tgt Ion:252 Resp: 372273
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 8.5 10.2 15.2#

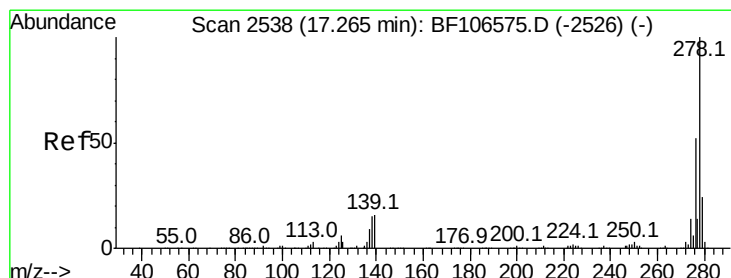
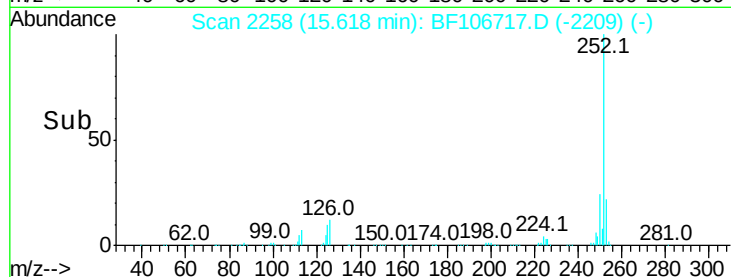
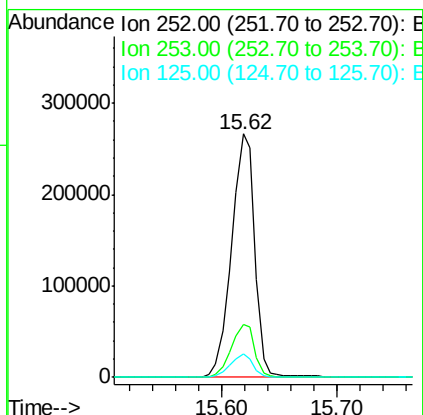
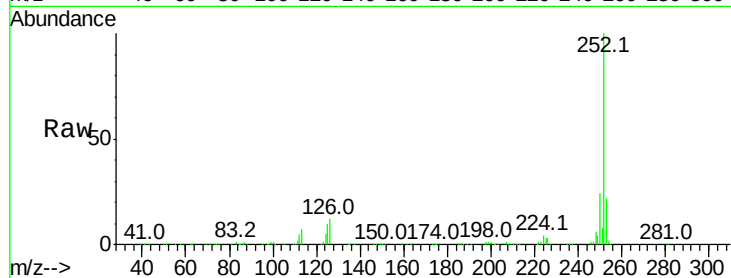




#89
Benzo(a)pyrene
Concen: 44.264 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

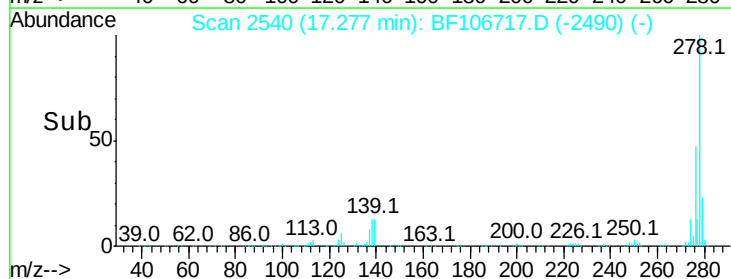
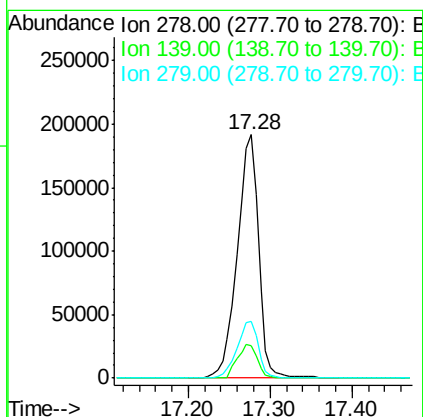
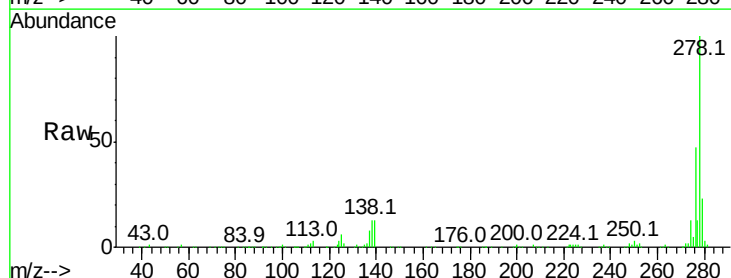
Instrument :
BNA_F
ClientSampleId :

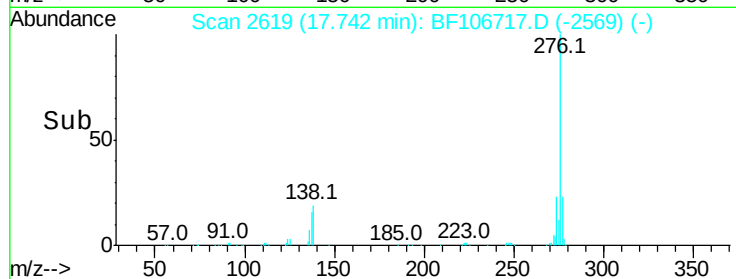
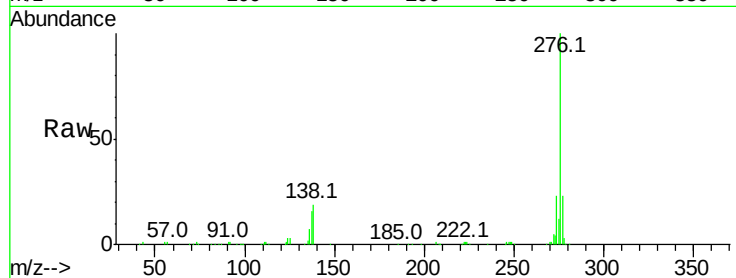
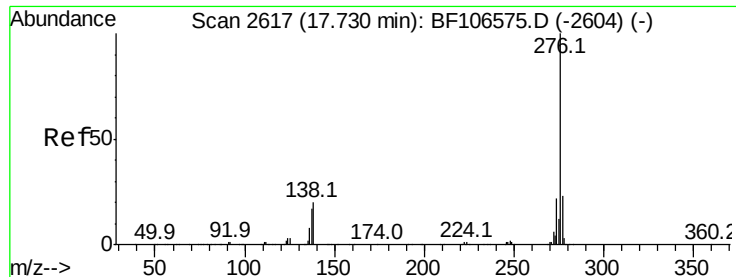
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	9.6	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 49.352 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF106717.D
Acq: 22 Jun 2018 19:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	15.9	23.9
279	23.3	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 53.122 ng

RT: 17.74 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF106717.D

Acq: 22 Jun 2018 19:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 367824

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 18.5 21.8 32.8#

