

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106374.D
 Acq On : 13 Jun 2018 5:45
 Operator : JU/SJ
 Sample : J3164-15MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 07:09:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	109187	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	355640	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	150743	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	310625	20.00	ng	0.00
75) Chrysene-d12	14.15	240	302504	20.00	ng	0.00
86) Perylene-d12	15.69	264	220026	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	446314	69.18	ng	0.04
7) Phenol-d6	6.63	99	322066	39.51	ng	0.04
23) Nitrobenzene-d5	7.54	82	675623	111.76	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	272919	188.17	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1047245	163.40	ng	0.00
78) Terphenyl-d14	13.09	244	1292681	106.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	57953	17.358	ng	95
3) Pyridine	3.64	79	61364	6.595	ng	96
4) n-Nitrosodimethylamine	3.57	42	68438	16.057	ng	# 94
6) Aniline	6.65	93	125384	10.535	ng	# 11
8) 2-Chlorophenol	6.78	128	257178	37.071	ng	99
9) Benzaldehyde	6.52	77	159042	25.726	ng	97
10) Phenol	6.65	94	141227	15.872	ng	# 62
11) bis(2-Chloroethyl)ether	6.71	93	348549	45.759	ng	99
12) 1,3-Dichlorobenzene	6.92	146	352009	43.111	ng	97
13) 1,4-Dichlorobenzene	7.00	146	356826	43.065	ng	98
14) 1,2-Dichlorobenzene	7.15	146	326496	41.858	ng	98
15) Benzyl Alcohol	7.11	79	174841	25.049	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	510593	46.762	ng	58
17) 2-Methylphenol	7.25	107	166038	26.825	ng	# 81
18) Hexachloroethane	7.49	117	172996	58.595	ng	90
19) n-Nitroso-di-n-propylamine	7.38	70	238561	39.014	ng	96
20) 3+4-Methylphenols	7.40	107	205374	25.946	ng	93
22) Acetophenone	7.38	105	455543	50.828	ng	# 99
24) Nitrobenzene	7.56	77	364523	55.477	ng	99
25) Isophorone	7.80	82	613845	51.986	ng	100
26) 2-Nitrophenol	7.87	139	151690	59.477	ng	96
27) 2,4-Dimethylphenol	7.92	122	226332	45.277	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	363733	47.507	ng	99
29) 2,4-Dichlorophenol	8.14	162	236581	49.057	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	264220	48.863	ng	95
31) Naphthalene	8.28	128	936606	58.258	ng	99
32) Benzoic acid	8.00	122	18363	11.513	ng	# 1
33) 4-Chloroaniline	8.33	127	163338	22.926	ng	98
34) Hexachlorobutadiene	8.39	225	170202	48.994	ng	100
35) Caprolactam	8.71	113	10242	6.279	ng	# 71
36) 4-Chloro-3-methylphenol	8.82	107	210404	39.441	ng	97
37) 2-Methylnaphthalene	8.97	142	623945	56.982	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	268803	54.930	ng	# 96
40) Hexachlorocyclopentadiene	9.12	237	53176	19.695	ng	94

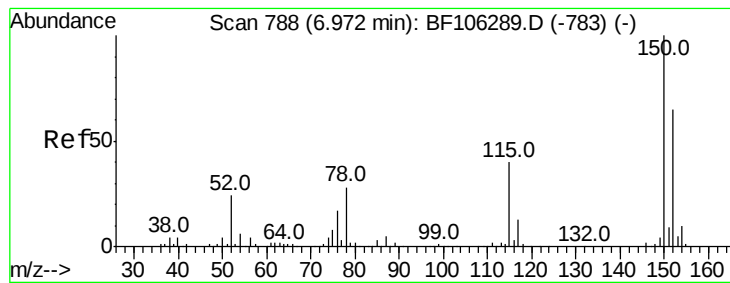
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
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 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	165753	53.151	ng	99
43) 2,4,5-Trichlorophenol	9.32	196	147974	44.015	ng	92
45) 1,1'-Biphenyl	9.44	154	622895	53.349	ng	98
46) 2-Chloronaphthalene	9.46	162	478893	51.253	ng	99
47) 2-Nitroaniline	9.56	65	155161	52.787	ng	91
48) Acenaphthylene	9.88	152	762138	53.290	ng	99
49) Dimethylphthalate	9.73	163	635982	59.053	ng	99
50) 2,6-Dinitrotoluene	9.80	165	112680	51.220	ng	92
51) Acenaphthene	10.05	154	487947	52.830	ng	100
52) 3-Nitroaniline	9.97	138	93396	35.770	ng	93
53) 2,4-Dinitrophenol	10.07	184	50710	53.415	ng #	21
54) Dibenzofuran	10.22	168	667613	53.678	ng	98
55) 4-Nitrophenol	10.18	139	62783	31.370	ng	89
56) 2,4-Dinitrotoluene	10.20	165	157193	56.901	ng	94
57) Fluorene	10.57	166	555907	56.414	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	153932	57.769	ng #	84
59) Diethylphthalate	10.43	149	539204	50.442	ng #	94
60) 4-Chlorophenyl-phenylether	10.55	204	256460	49.482	ng	93
61) 4-Nitroaniline	10.58	138	111624	43.940	ng	99
62) Azobenzene	10.71	77	539661	48.416	ng	97
64) 4,6-Dinitro-2-methylphenol	10.61	198	40840	27.471	ng	85
65) n-Nitrosodiphenylamine	10.67	169	474145	45.418	ng	95
66) 4-Bromophenyl-phenylether	11.05	248	174151	49.293	ng #	82
67) Hexachlorobenzene	11.11	284	182959	50.231	ng #	89
68) Atrazine	11.20	200	146060	45.400	ng	97
69) Pentachlorophenol	11.32	266	202082	90.116	ng	99
70) Phenanthrene	11.53	178	796678	52.370	ng	99
71) Anthracene	11.58	178	822372	53.961	ng	98
72) Carbazole	11.74	167	754964	53.658	ng	98
73) Di-n-butylphthalate	12.06	149	875671	55.921	ng	100
74) Fluoranthene	12.72	202	968706	59.711	ng	98
76) Benzidine	12.84	184	59169	5.877	ng	99
77) Pyrene	12.95	202	979757	51.733	ng	97
79) Butylbenzylphthalate	13.56	149	445588	62.855	ng	97
80) Benzo(a)anthracene	14.15	228	934321	51.901	ng	97
81) 3,3'-Dichlorobenzidine	14.10	252	210777	34.703	ng	97
82) Chrysene	14.18	228	871589	53.030	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	618063	60.805	ng	99
84) Di-n-octyl phthalate	14.74	149	1020856	69.665	ng	99
85) Indeno(1,2,3-cd)pyrene	17.26	276	658050	50.167	ng #	93
87) Benzo(b)fluoranthene	15.27	252	716052	53.837	ng	97
88) Benzo(k)fluoranthene	15.27	252	716052	54.361	ng #	97
89) Benzo(a)pyrene	15.62	252	646496	54.041	ng	98
90) Dibenzo(a,h)anthracene	17.28	278	548847	55.030	ng #	95
91) Benzo(g,h,i)perylene	17.74	276	536303	55.331	ng #	93

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

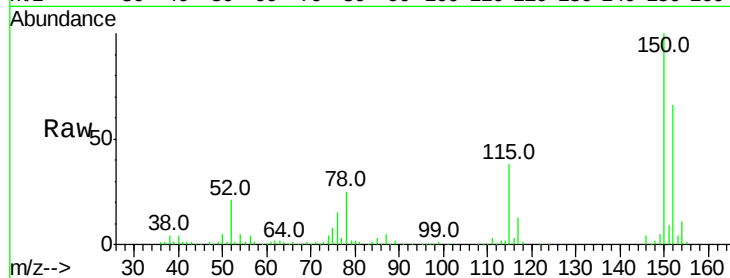


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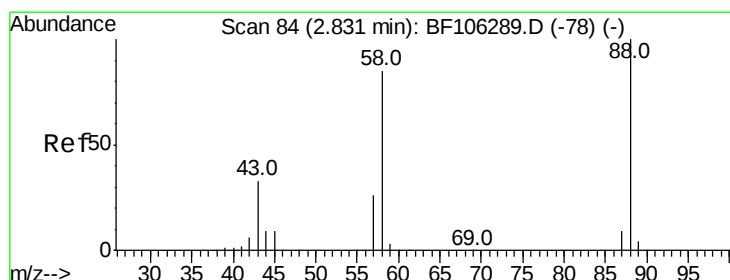
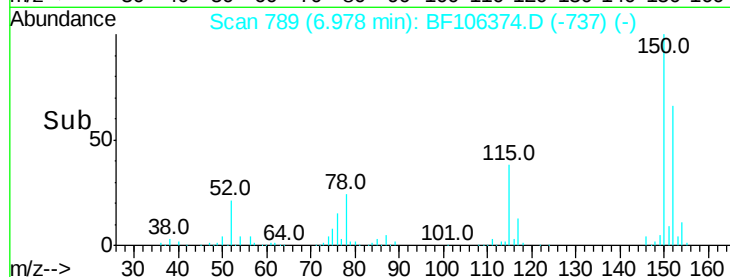
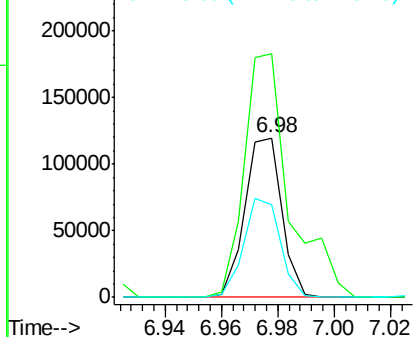
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 109187
Ion Ratio Lower Upper
152 100
150 152.4 124.6 186.8
115 58.0 50.1 75.1



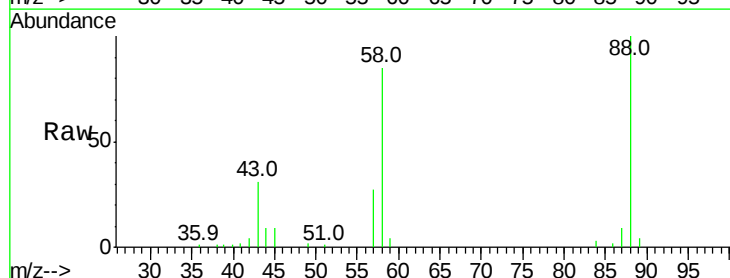
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



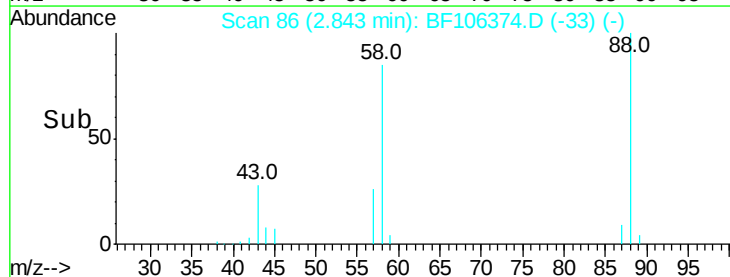
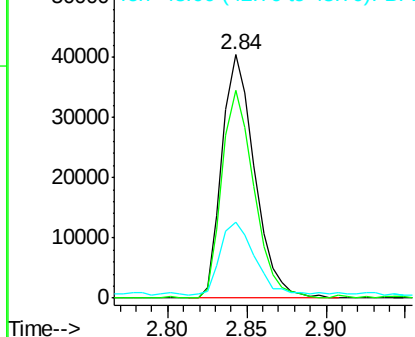
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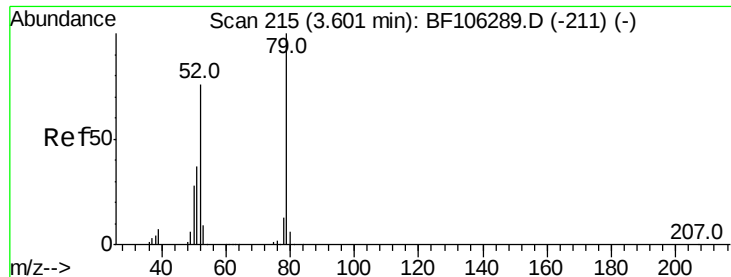
1,4-Dioxane
Concen: 17.358 ng
RT: 2.84 min Scan# 86
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion: 88 Resp: 57953
Ion Ratio Lower Upper
88 100
58 84.0 62.6 93.8
43 30.9 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: 6.595 ng

RT: 3.64 min Scan# 222

Delta R.T. 0.04 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

ClientSampleId :

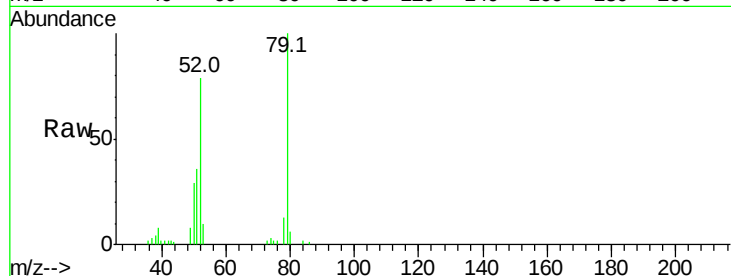
Tot Ion: 79 Resp: 61364

Ion Ratio Lower Upper

79 100

52 78.5 59.8 89.6

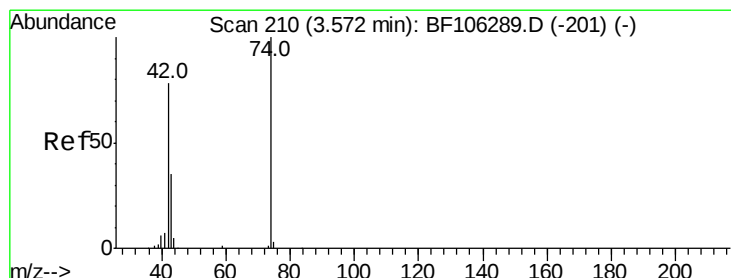
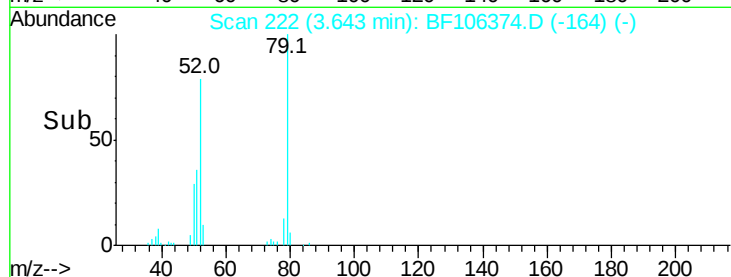
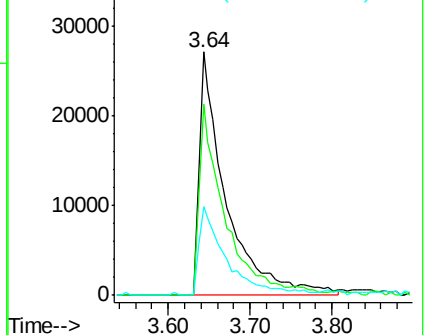
51 36.2 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 16.057 ng

RT: 3.57 min Scan# 209

Delta R.T. -0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

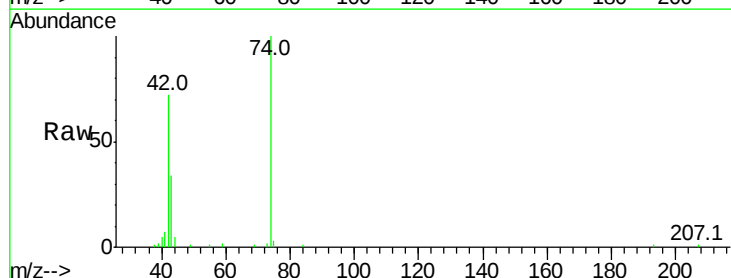
Tgt Ion: 42 Resp: 68438

Ion Ratio Lower Upper

42 100

74 138.4 104.9 157.3

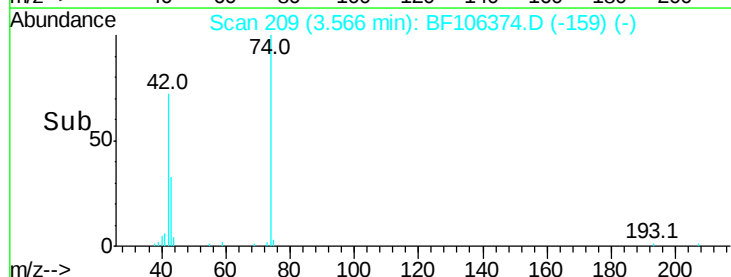
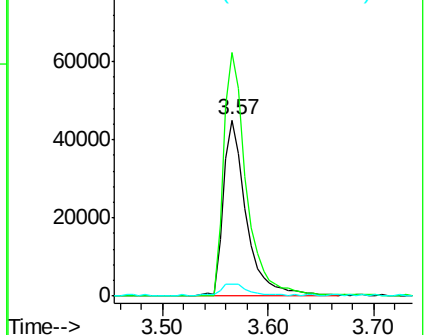
44 6.8 6.9 10.3#

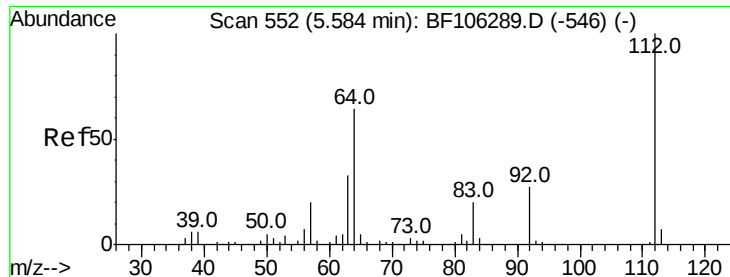


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

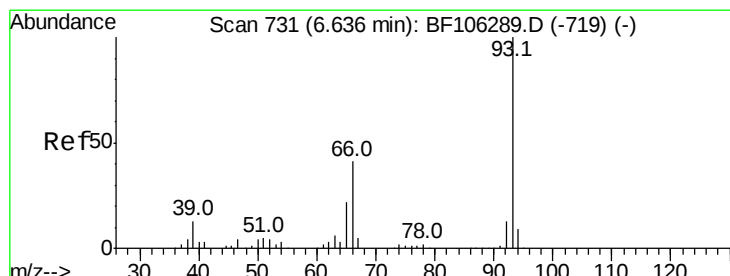
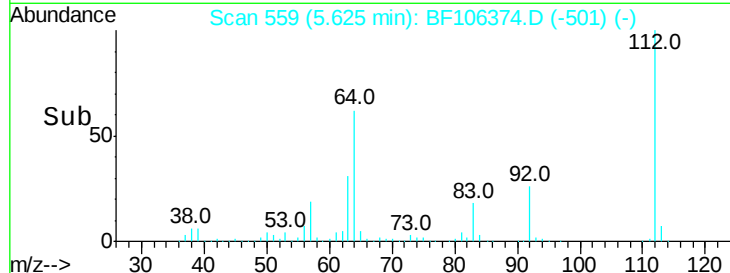
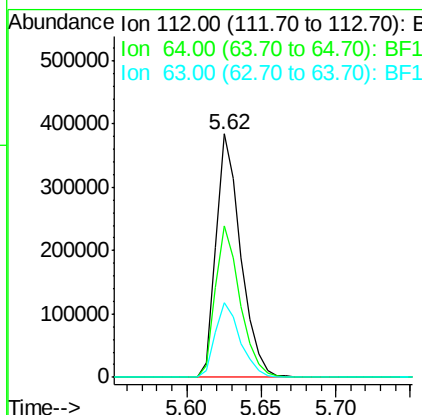
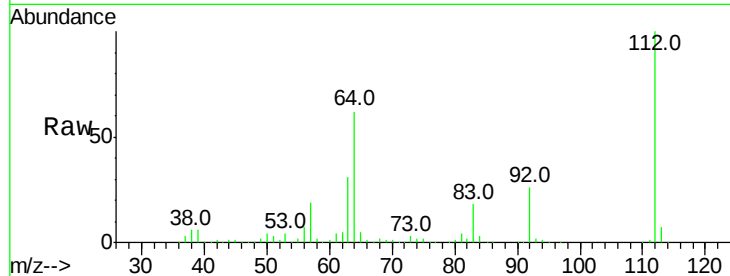




#5
 2-Fluorophenol
 Concen: 69.183 ng
 RT: 5.62 min Scan# 559
 Delta R.T. 0.04 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

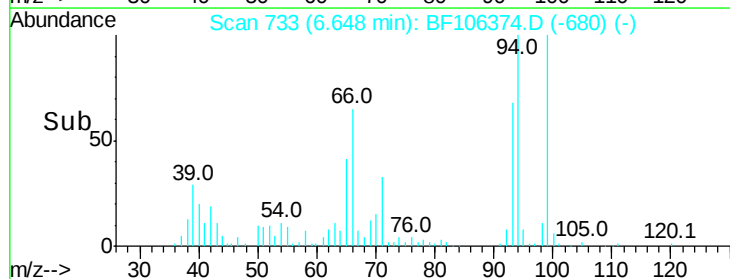
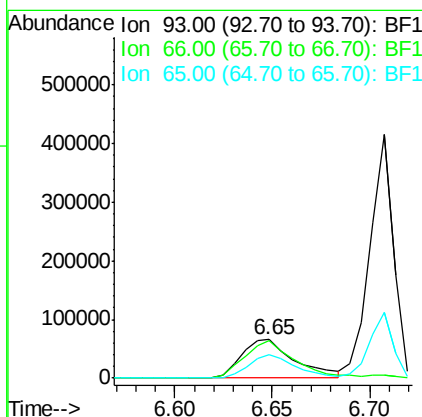
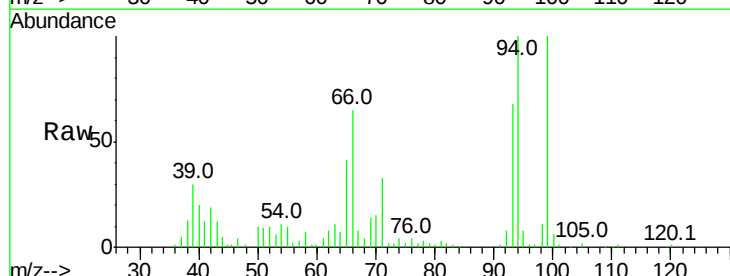
Instrument :
 BNA_F
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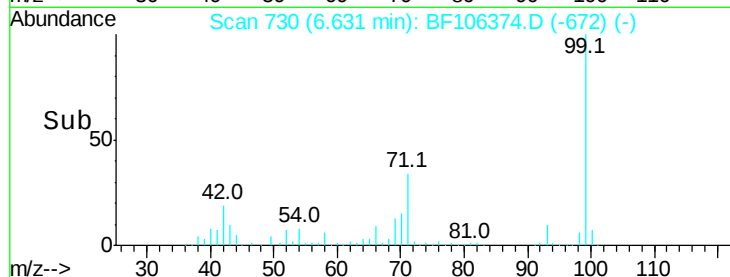
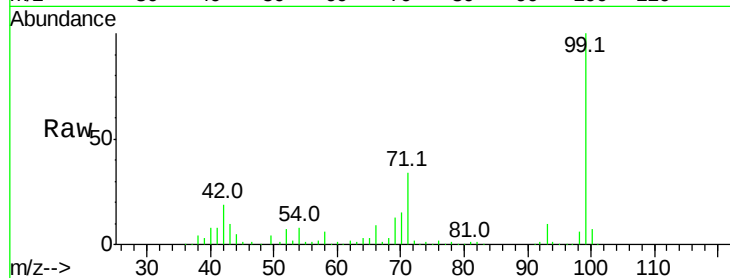
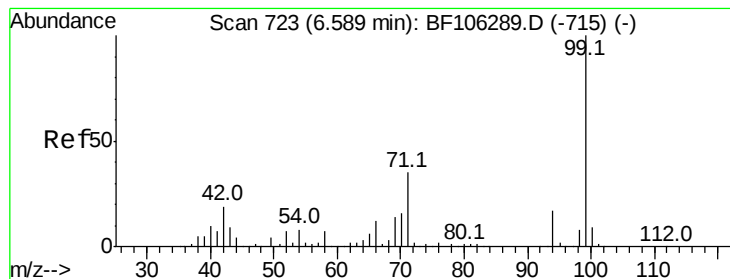
Tot Ion:112 Resp: 446314
 Ion Ratio Lower Upper
 112 100
 64 62.2 47.9 71.9
 63 30.9 23.7 35.5



#6
 Aniline
 Concen: 10.535 ng
 RT: 6.65 min Scan# 733
 Delta R.T. 0.01 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Tgt Ion: 93 Resp: 125384
 Ion Ratio Lower Upper
 93 100
 66 96.1 32.2 48.2#
 65 60.1 16.4 24.6#





#7

Phenol-d6

Concen: 39.515 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.04 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

ClientSampleId :

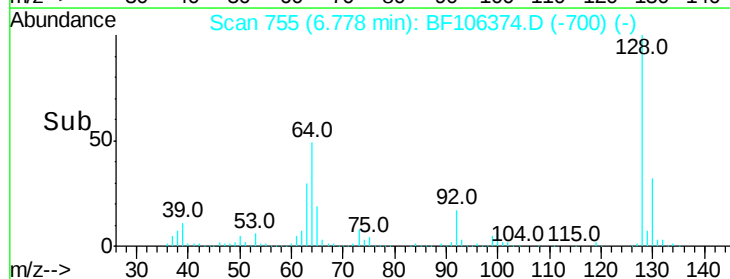
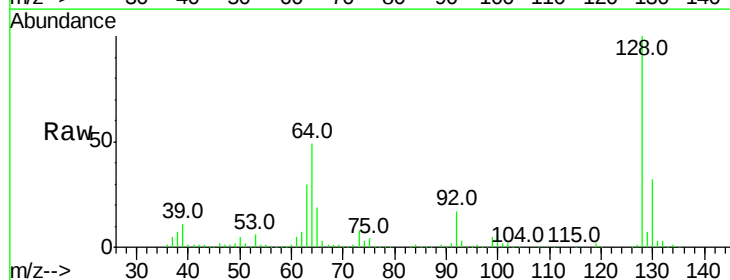
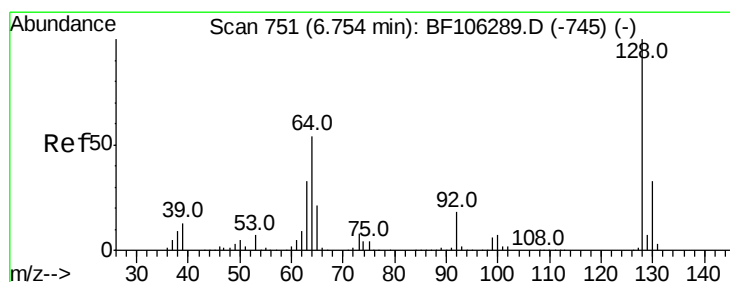
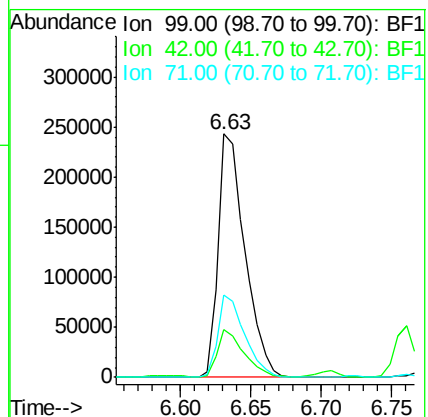
Tot Ion: 99 Resp: 322066

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 34.0 25.4 38.0



#8

2-Chlorophenol

Concen: 37.071 ng

RT: 6.78 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

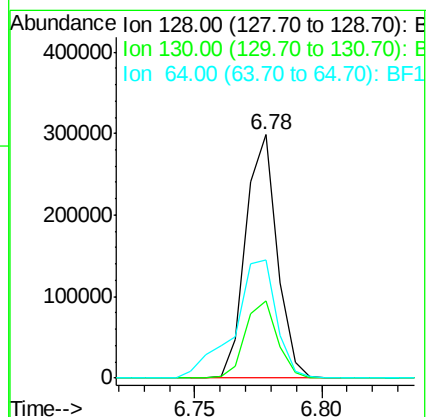
Tgt Ion: 128 Resp: 257178

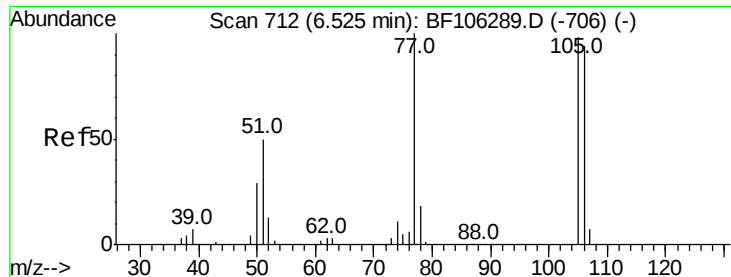
Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

64 48.8 29.4 69.4





#9

Benzaldehyde

Concen: 25.726 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

ClientSampleId :

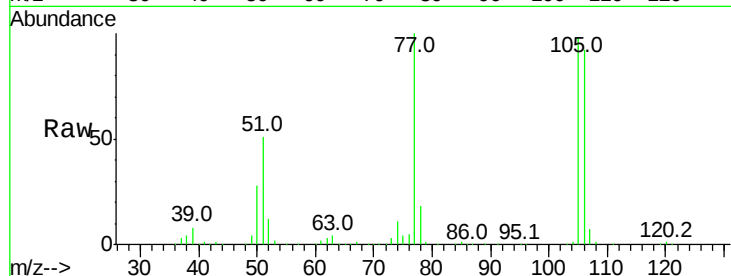
Tot Ion: 77 Resp: 159042

Ion Ratio Lower Upper

77 100

105 97.7 81.1 121.1

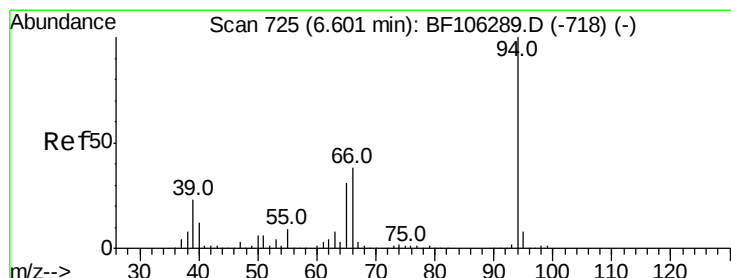
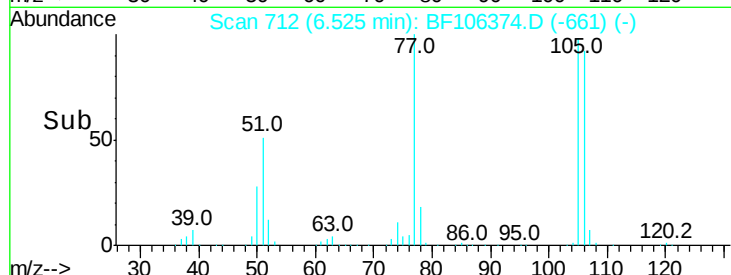
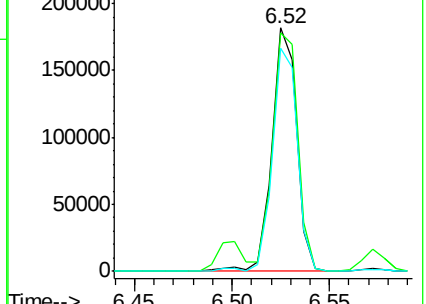
106 91.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 15.872 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.05 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

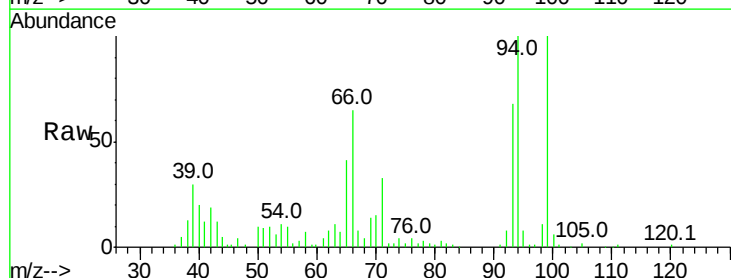
Tgt Ion: 94 Resp: 141227

Ion Ratio Lower Upper

94 100

65 40.7 7.9 47.9

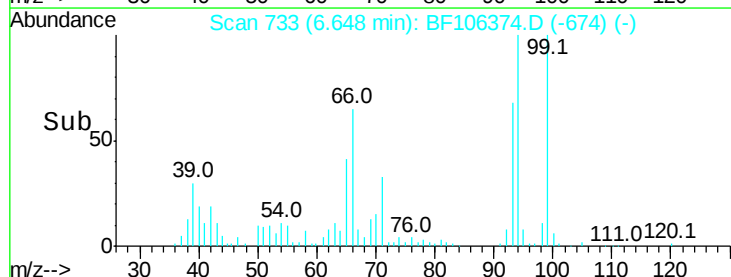
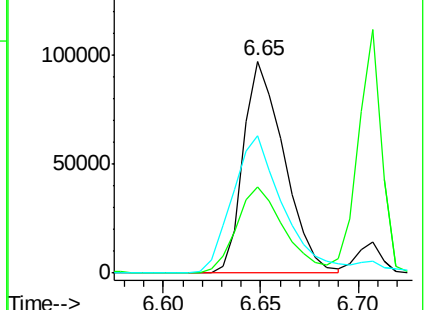
66 65.1 16.2 56.2#

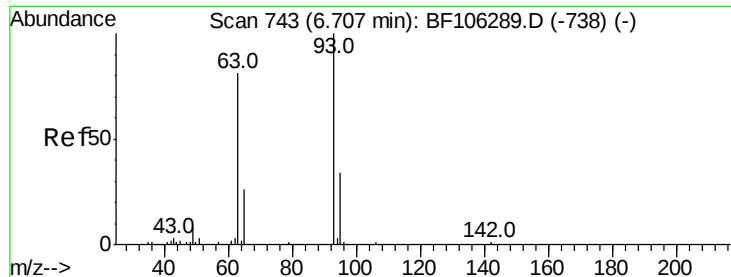


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

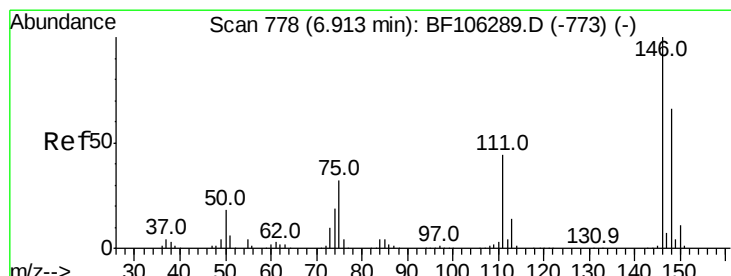
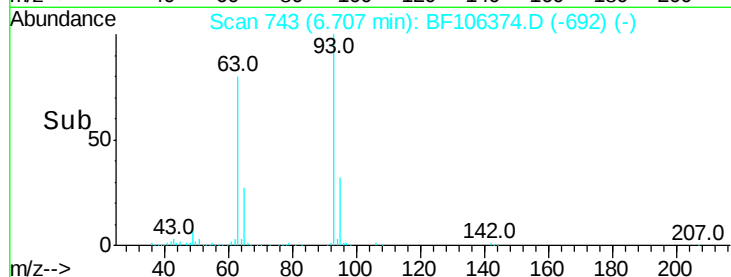
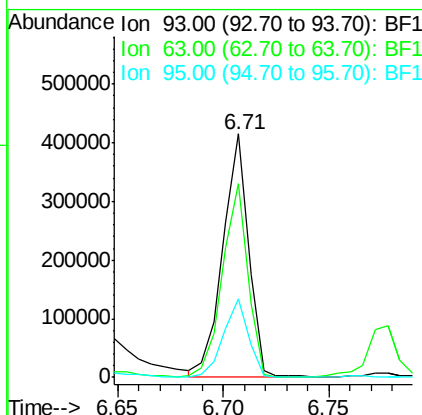
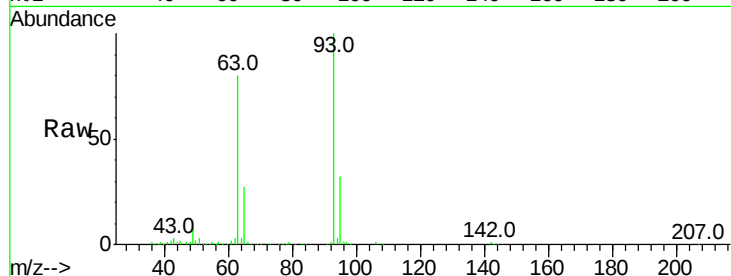




#11
bis(2-Chloroethyl)ether
Concen: 45.759 ng
RT: 6.71 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

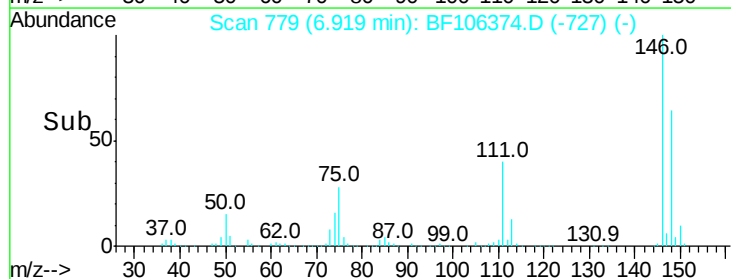
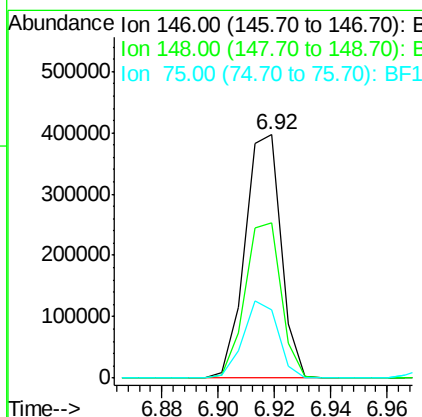
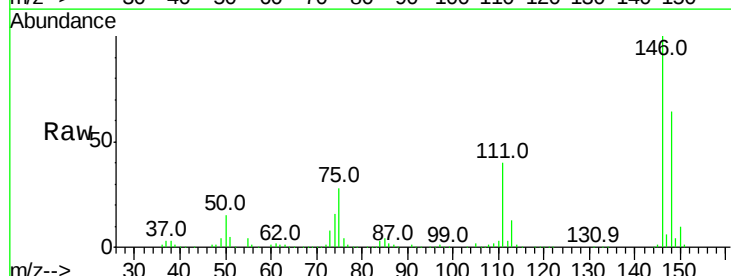
Instrument :
BNA_F
ClientSampled :

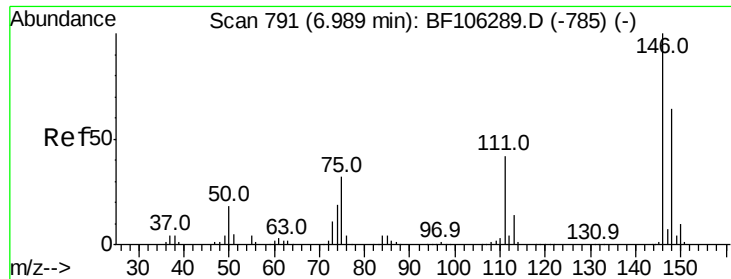
Tot Ion: 93 Resp: 348549
Ion Ratio Lower Upper
93 100
63 79.5 58.6 98.6
95 32.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.111 ng
RT: 6.92 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion: 146 Resp: 352009
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
75 27.8 24.2 36.4

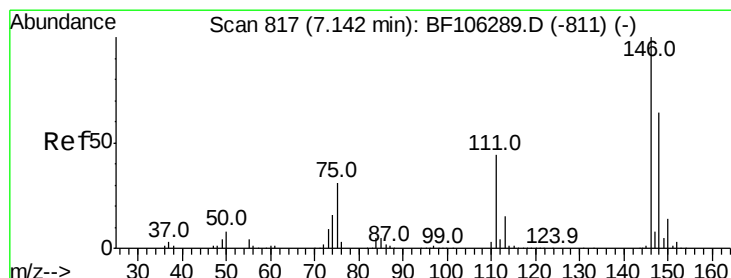
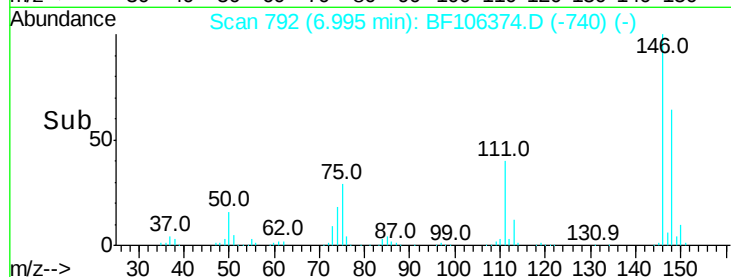
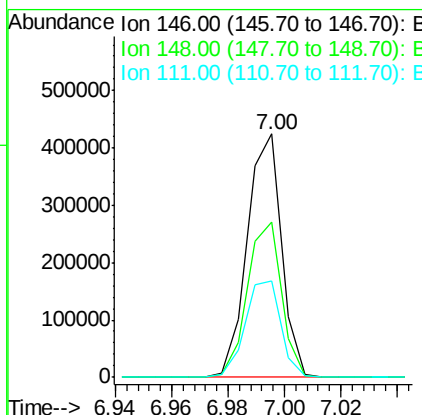
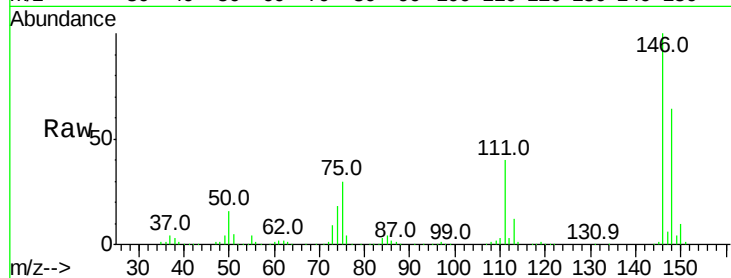




#13
 1,4-Dichlorobenzene
 Concen: 43.065 ng
 RT: 7.00 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

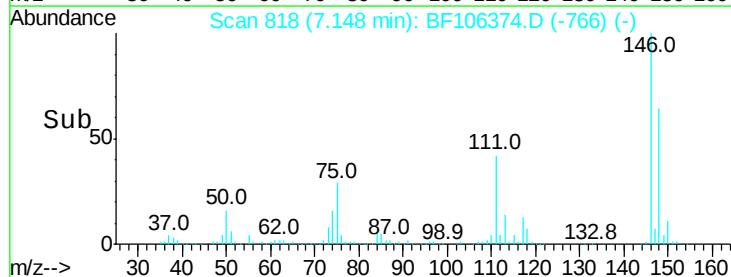
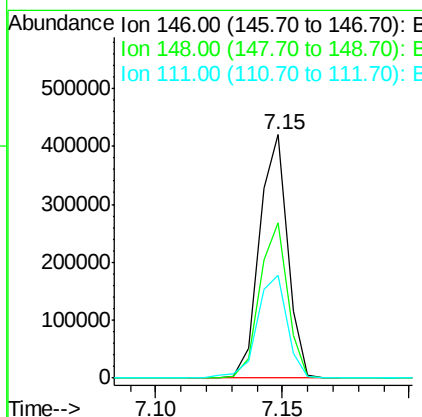
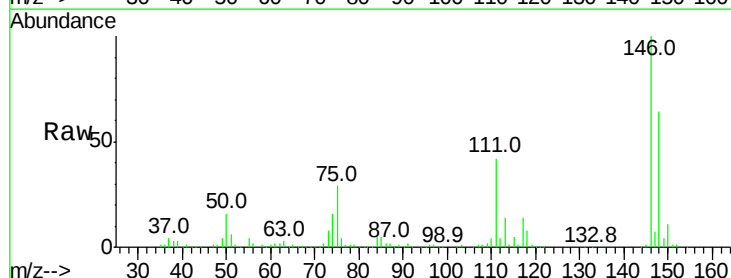
Instrument :
 BNA_F
 ClientSampleId :

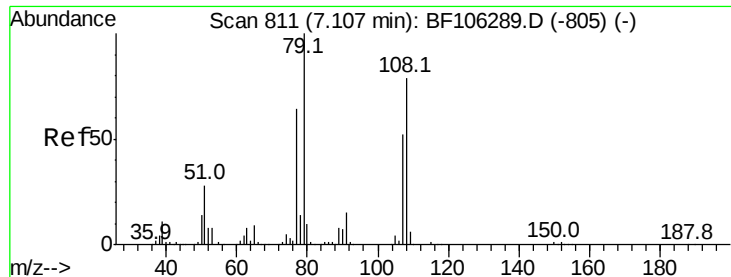
Tot Ion:146 Resp: 356826
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 39.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.858 ng
 RT: 7.15 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Tgt Ion:146 Resp: 326496
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 75.8
 111 42.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 25.049 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

ClientSampleId :

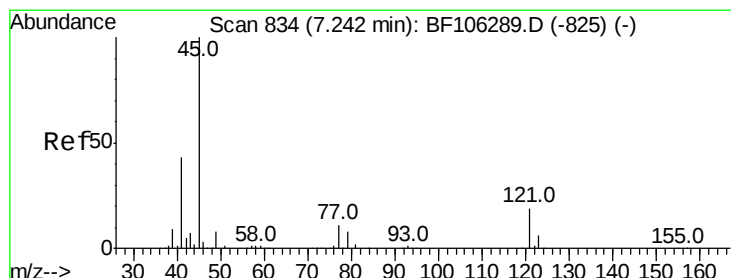
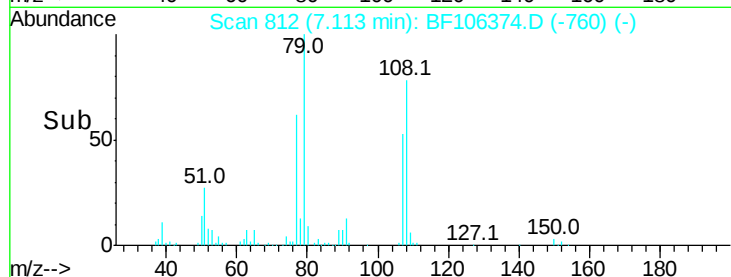
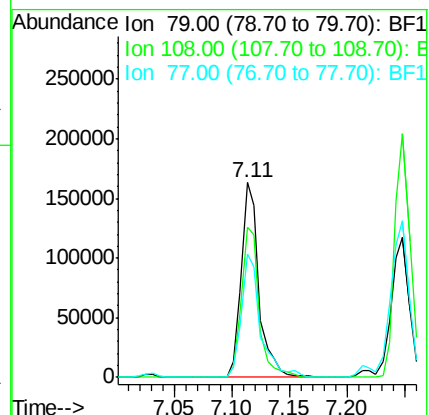
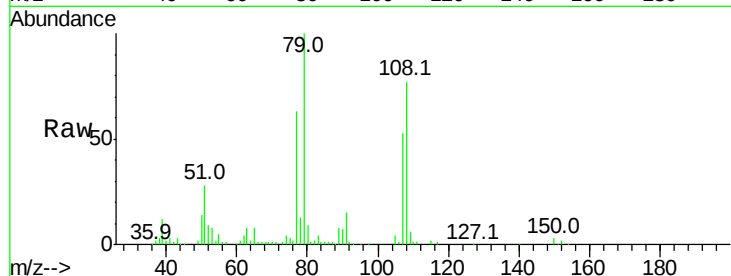
Tot Ion: 79 Resp: 174841

Ion Ratio Lower Upper

79 100

108 77.3 65.1 97.7

77 63.1 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.762 ng

RT: 7.24 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

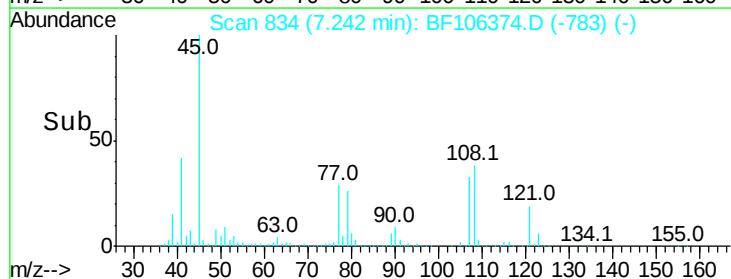
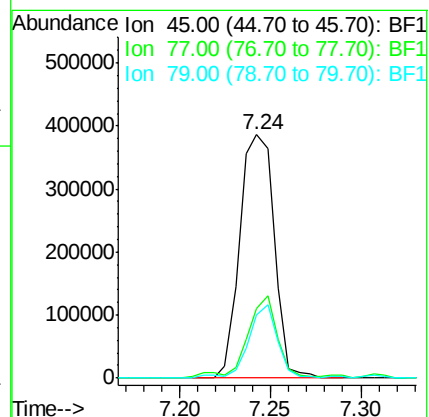
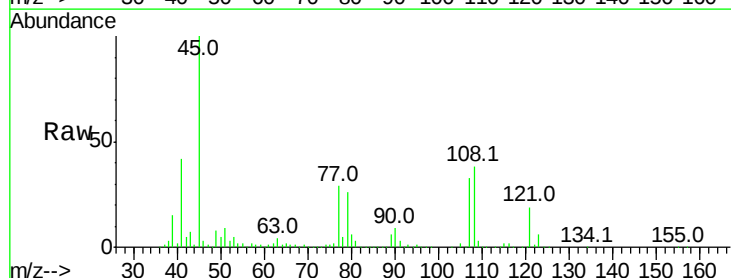
Tgt Ion: 45 Resp: 510593

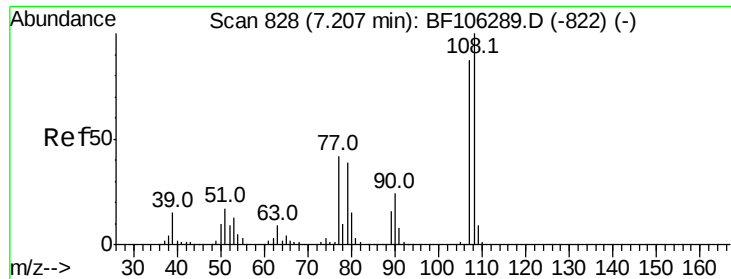
Ion Ratio Lower Upper

45 100

77 28.8 0.0 32.9

79 25.9 0.0 29.6

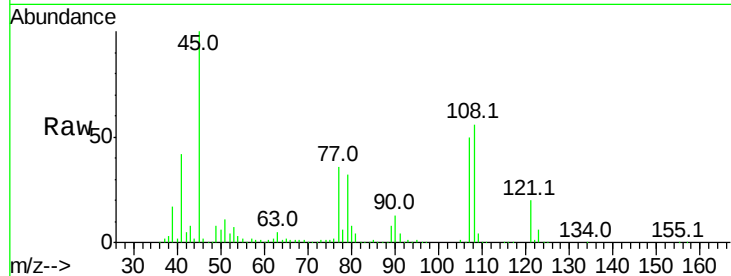




#17
2-Methylphenol
Concen: 26.825 ng
RT: 7.25 min Scan# 835
Delta R.T. 0.04 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.7	137.5
77	72.5	33.8	50.8#
79	64.5	33.8	50.8#



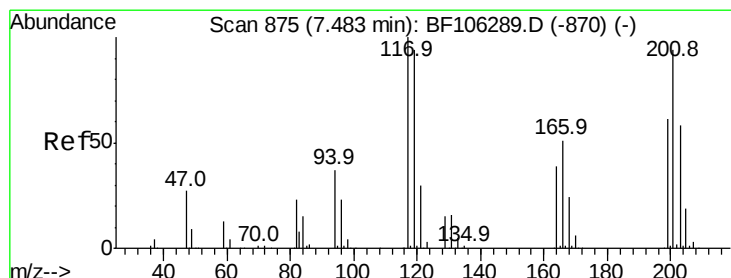
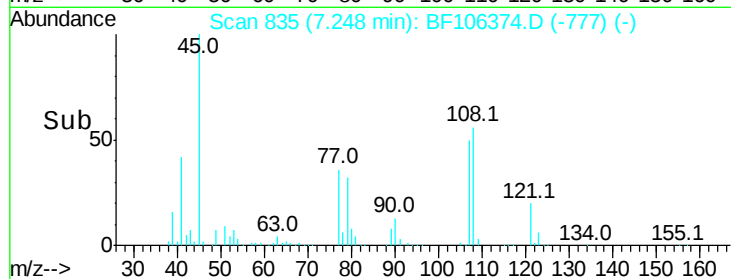
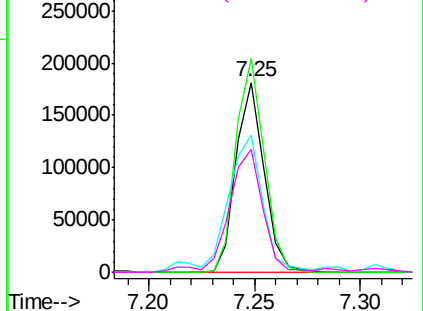
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

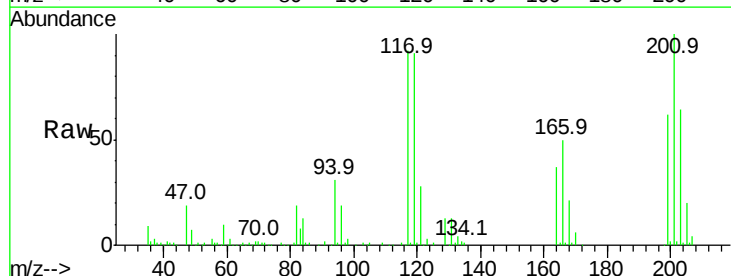
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 58.595 ng
RT: 7.49 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.2	75.8	113.8
201	109.1	75.7	113.5

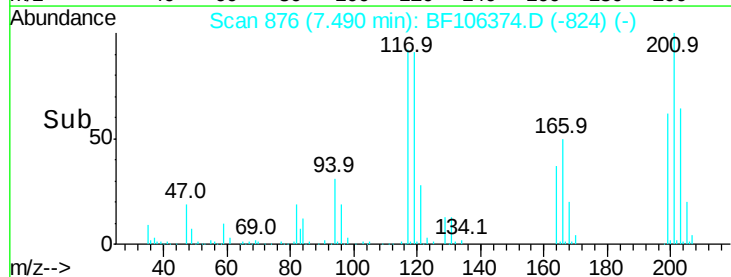
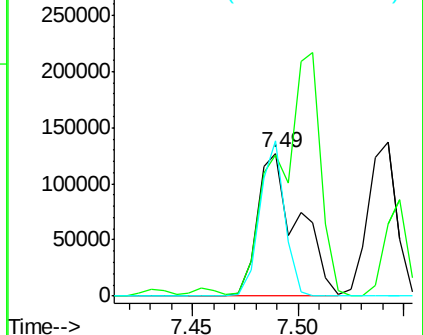


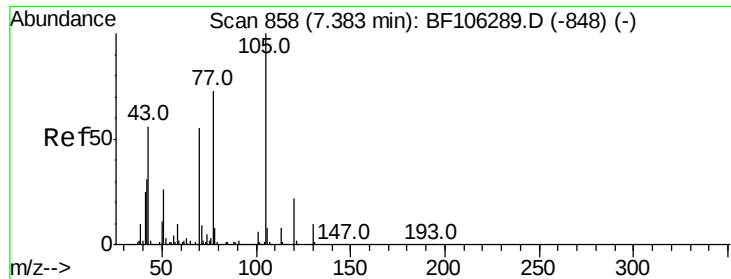
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

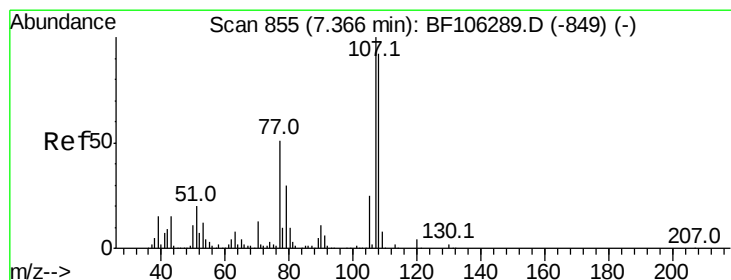
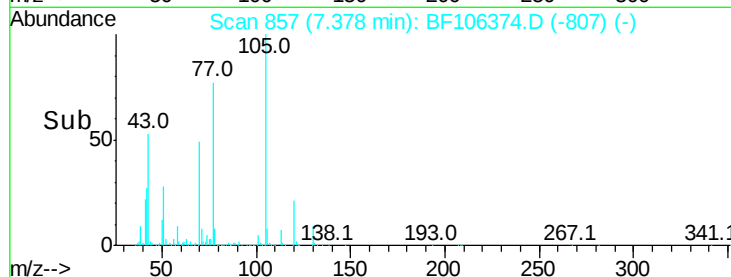
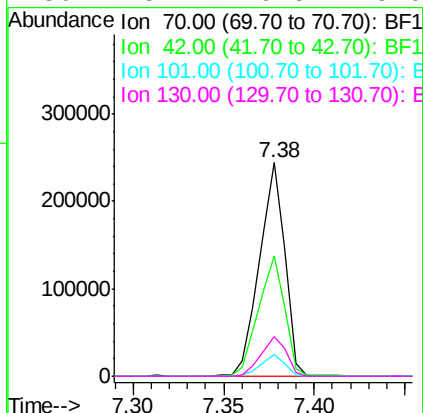
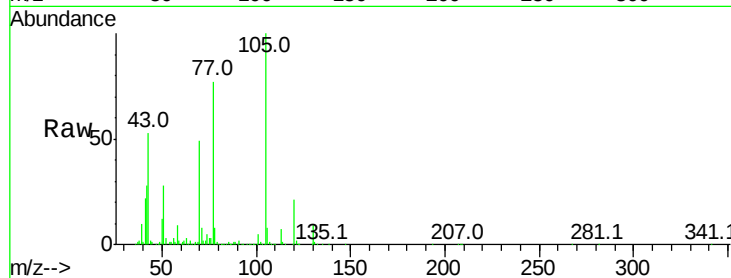




#19
n-Nitroso-di-n-propylamine
Concen: 39.014 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

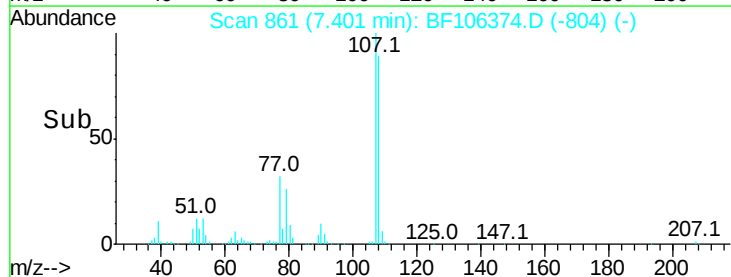
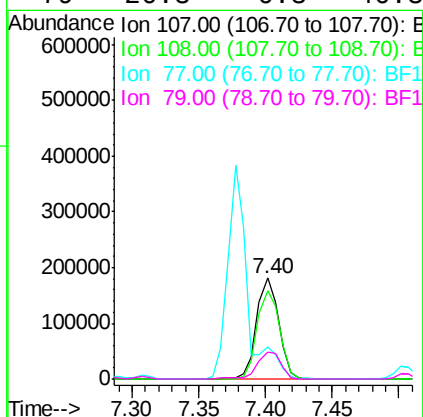
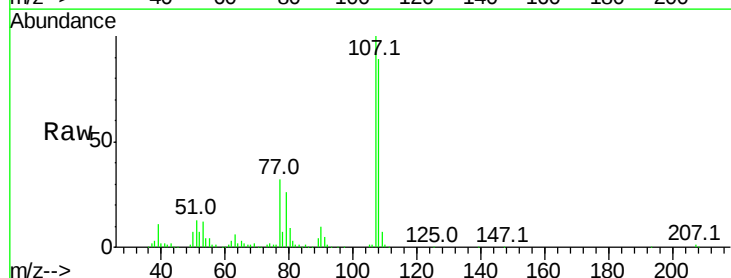
Instrument :
BNA_F
ClientSampleId :

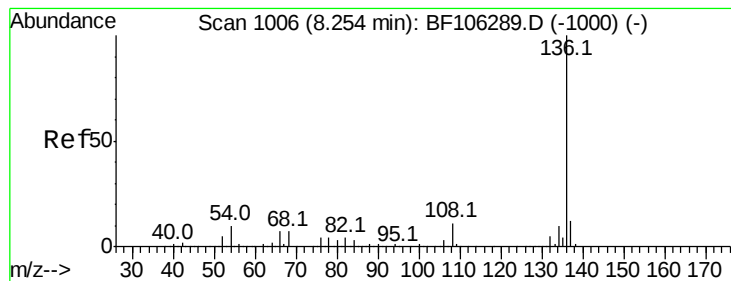
Tot Ion:	70	Resp:	238561
Ion	Ratio	Lower	Upper
70	100		
42	56.2	47.5	71.3
101	9.9	7.4	11.2
130	18.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 25.946 ng
RT: 7.40 min Scan# 861
Delta R.T. 0.04 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion:	107	Resp:	205374
Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.2	108.2
77	32.1	26.7	66.7
79	26.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1007

Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 355640

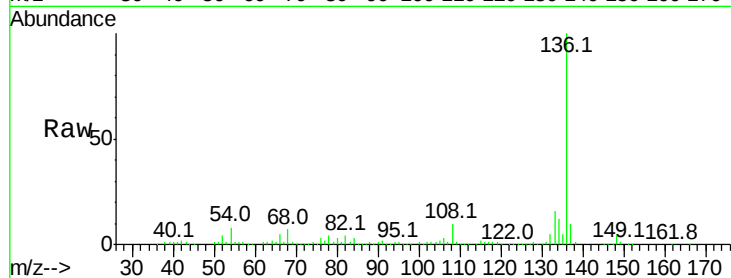
Ion Ratio Lower Upper

136 100

137 10.1 8.9 13.3

54 8.1 6.6 9.8

68 6.6 5.0 7.4

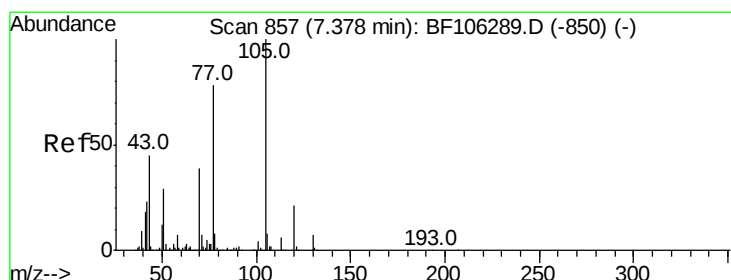
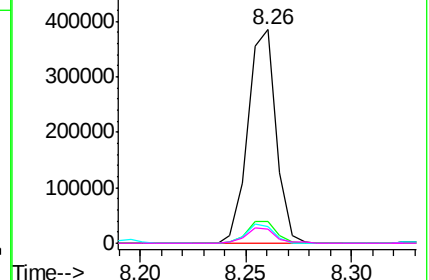
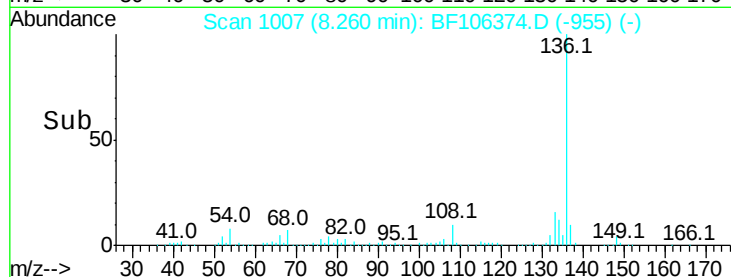


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.828 ng

RT: 7.38 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Tgt Ion:105 Resp: 455543

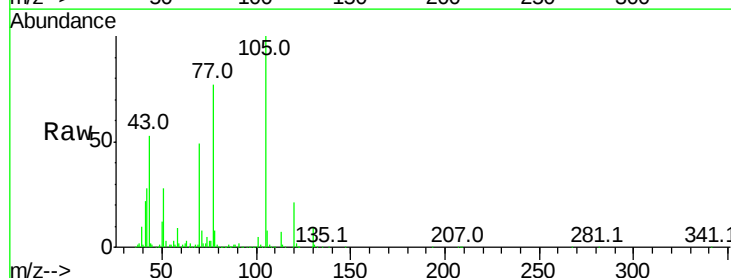
Ion Ratio Lower Upper

105 100

71 8.1 4.4 6.6#

51 27.9 22.3 33.5

120 21.3 16.9 25.3

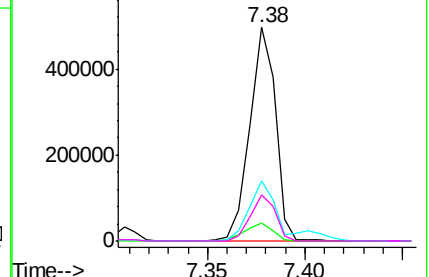
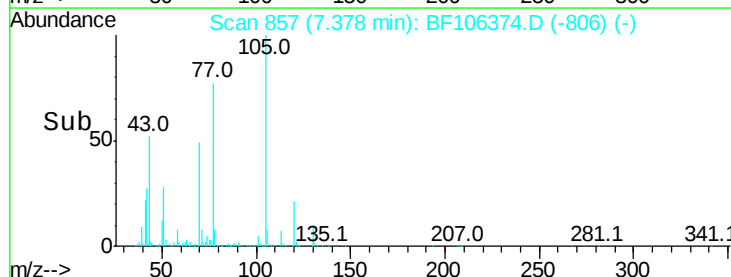


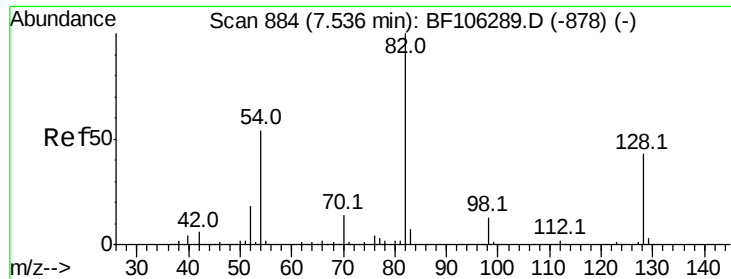
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

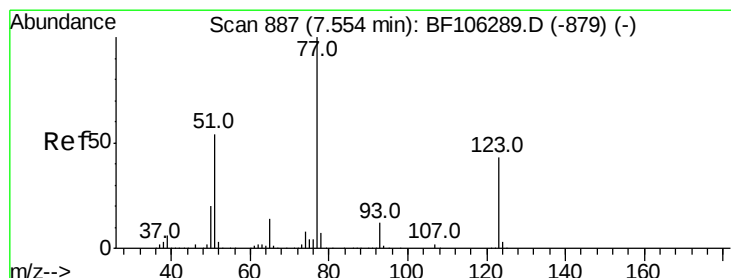
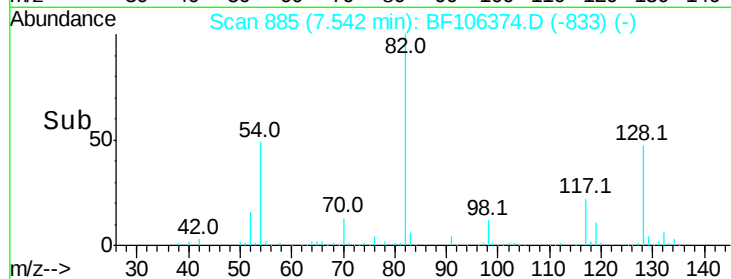
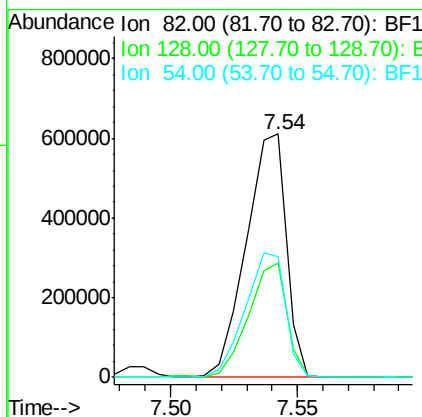
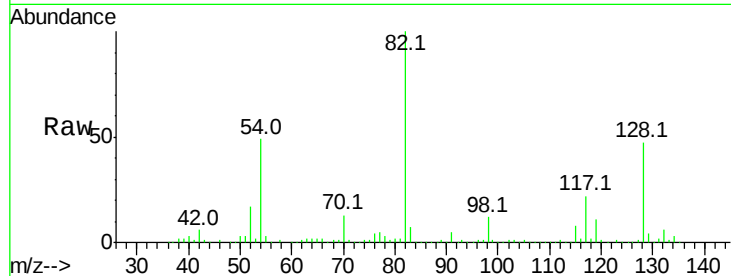




#23
 Nitrobenzene-d5
 Concen: 111.759 ng
 RT: 7.54 min Scan# 885
 Delta R.T. 0.01 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

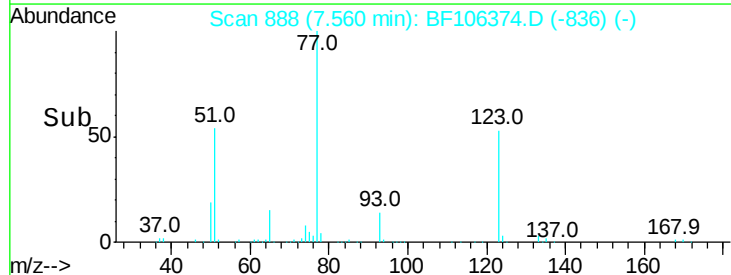
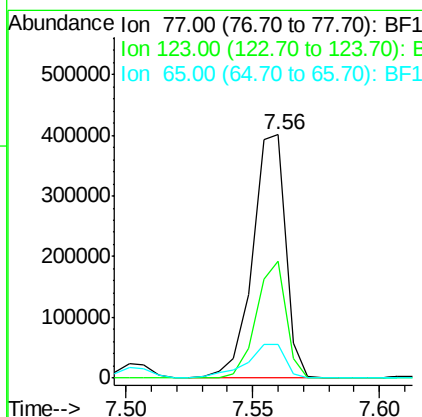
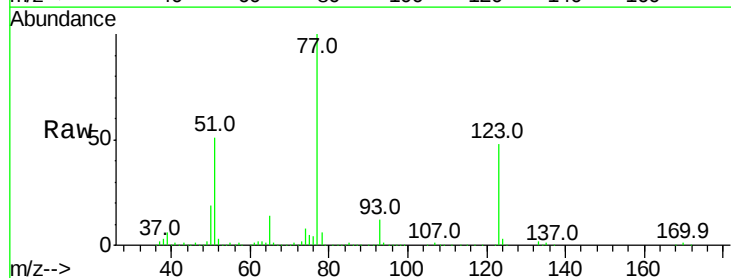
Instrument :
 BNA_F
 ClientSampleId :

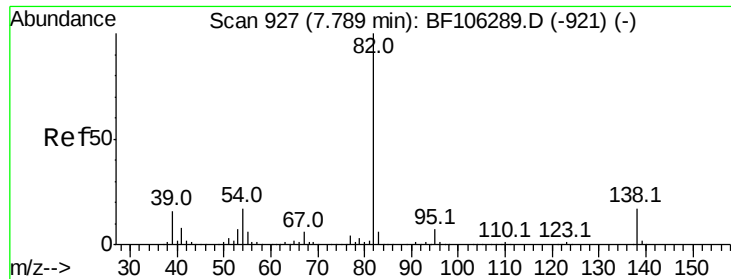
Tot Ion	82	Resp	675623
Ion Ratio	Lower	Upper	
82	100		
128	47.0	36.1	54.1
54	49.3	41.4	62.2



#24
 Nitrobenzene
 Concen: 55.477 ng
 RT: 7.56 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Tgt Ion	77	Resp	364523
Ion Ratio	Lower	Upper	
77	100		
123	48.0	37.9	56.9
65	13.7	11.0	16.4





#25

Isophorone

Concen: 51.986 ng

RT: 7.80 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

ClientSampleId :

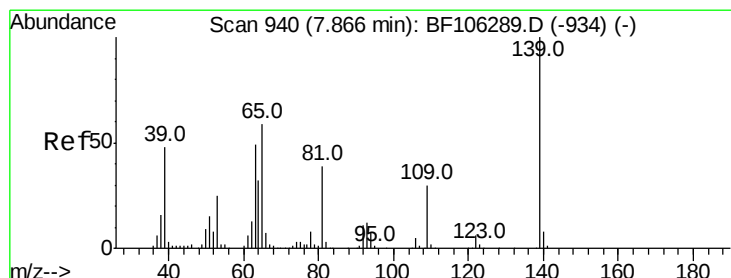
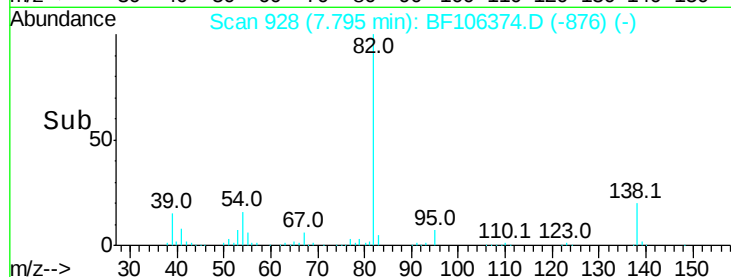
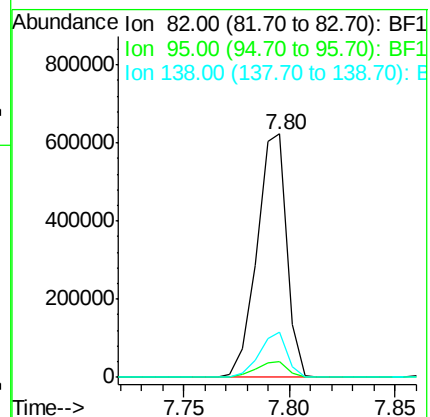
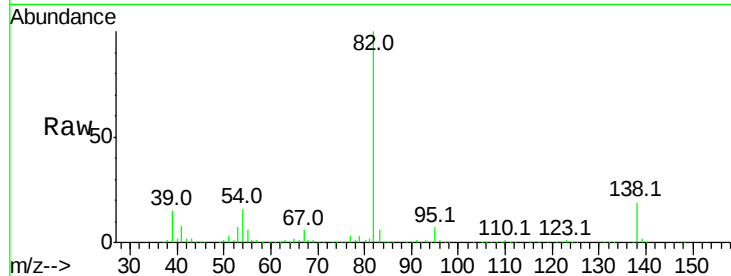
Tot Ion: 82 Resp: 613845

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 18.8 14.9 22.3



#26

2-Nitrophenol

Concen: 59.477 ng

RT: 7.87 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

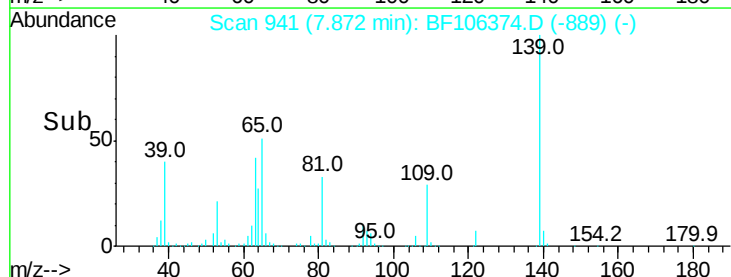
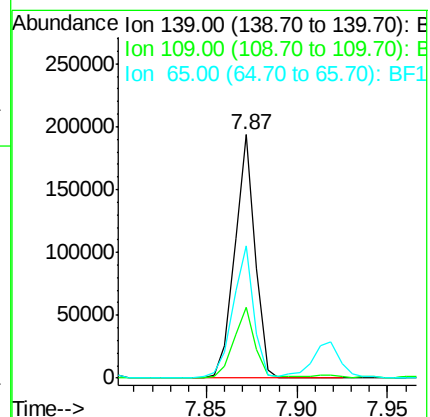
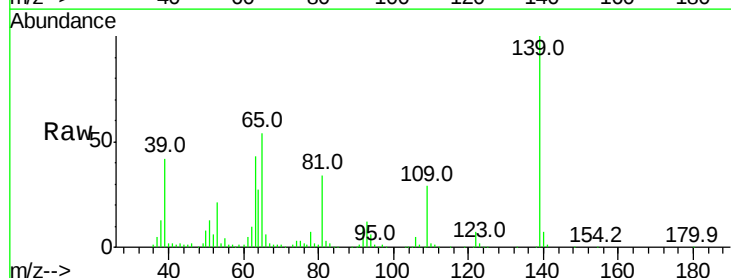
Tgt Ion: 139 Resp: 151690

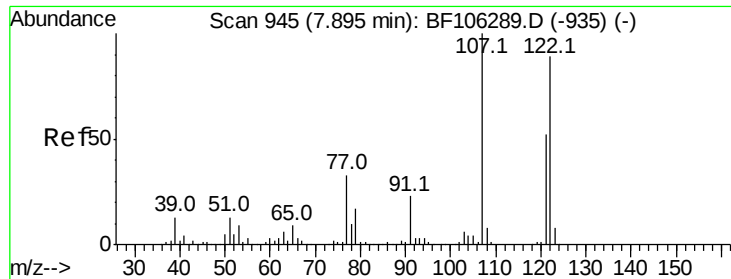
Ion Ratio Lower Upper

139 100

109 29.3 22.7 34.1

65 54.5 40.5 60.7

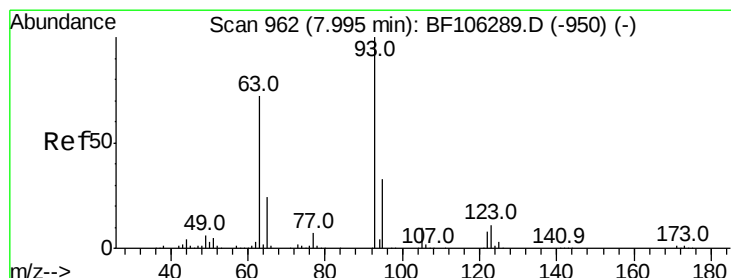
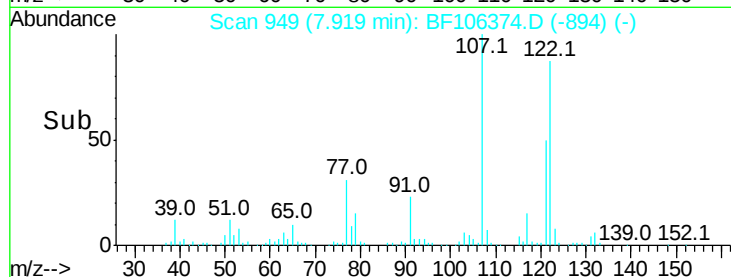
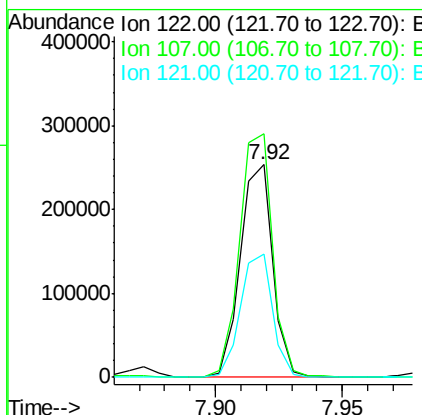
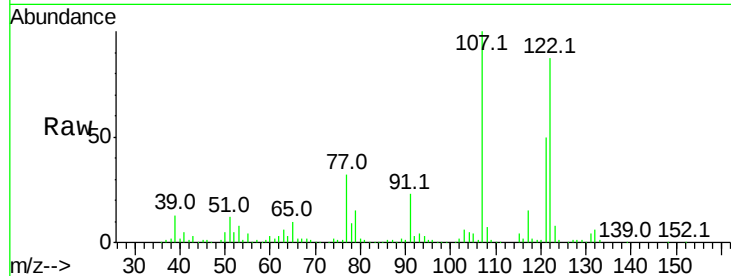




#27
2,4-Dimethylphenol
Concen: 45.277 ng
RT: 7.92 min Scan# 949
Delta R.T. 0.02 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

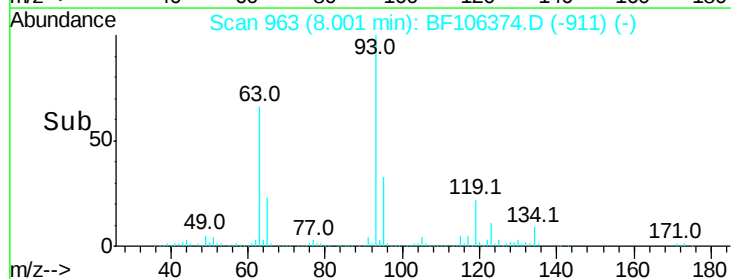
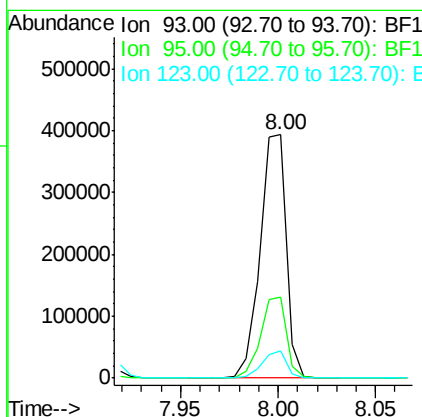
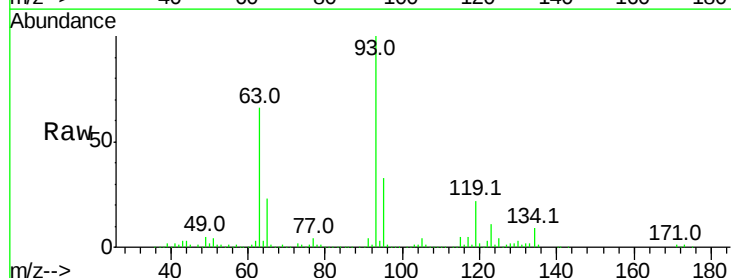
Instrument :
BNA_F
ClientSampleId :

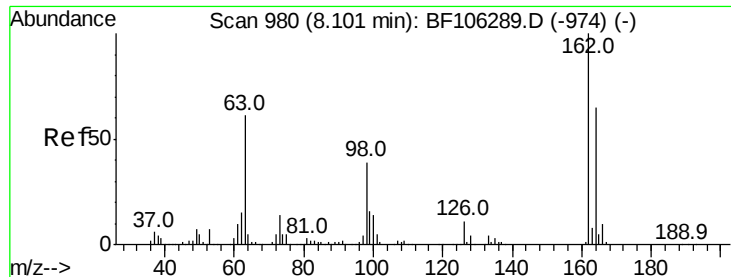
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	91.2	136.8
121	57.8	47.2	70.8



#28
bis(2-Chloroethoxy)methane
Concen: 47.507 ng
RT: 8.00 min Scan# 963
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.3	39.5
123	11.1	9.8	14.6

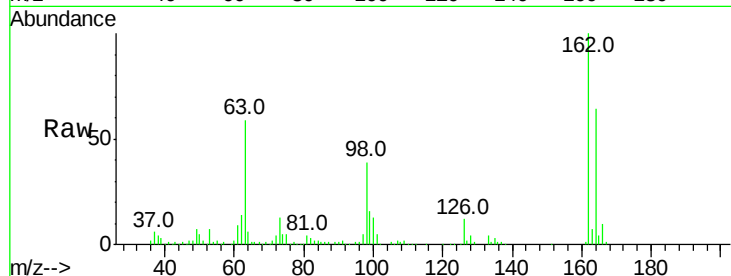




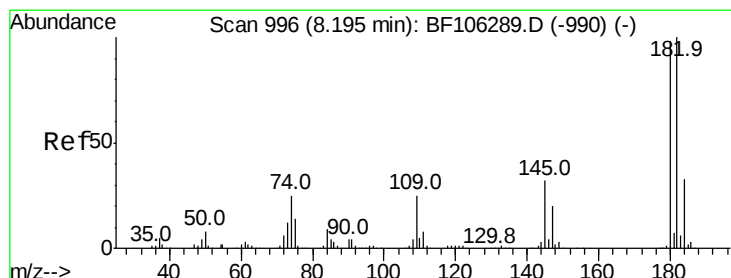
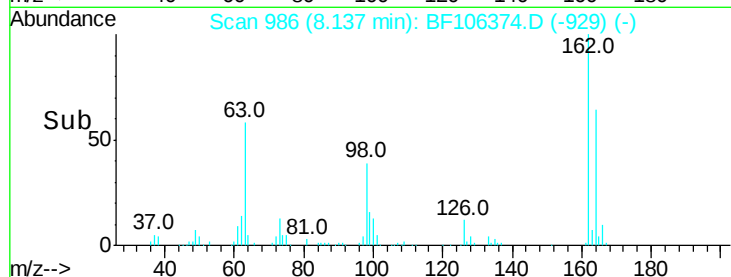
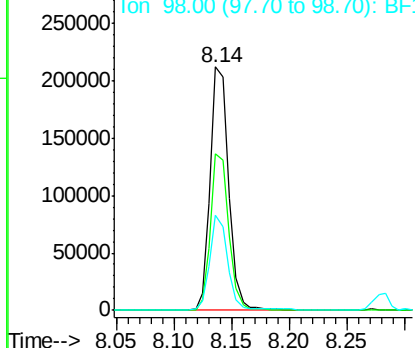
#29
 2,4-Dichlorophenol
 Concen: 49.057 ng
 RT: 8.14 min Scan# 986
 Delta R.T. 0.04 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.7	82.7
98	38.9	18.1	58.1

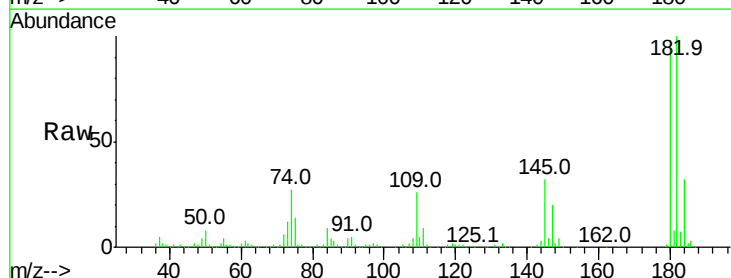


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

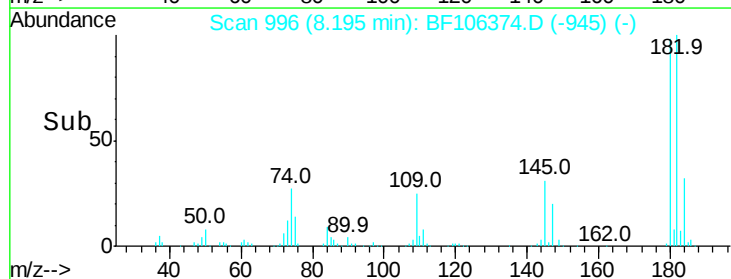
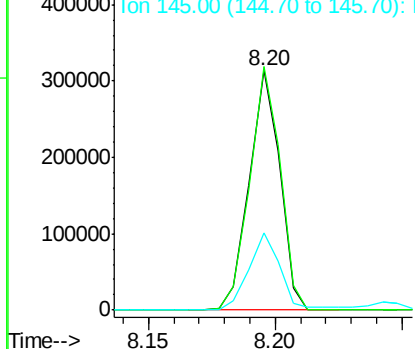


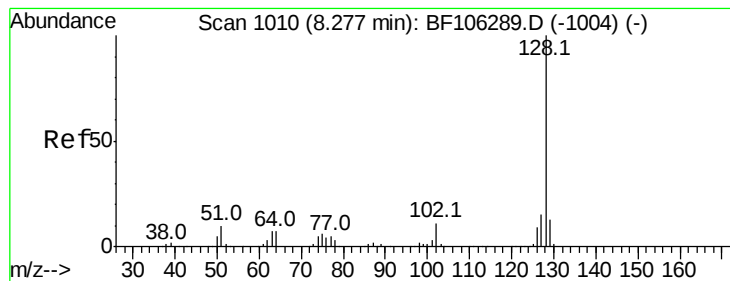
#30
 1,2,4-Trichlorobenzene
 Concen: 48.863 ng
 RT: 8.20 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.7	76.8	115.2
145	32.2	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: 58.258 ng

RT: 8.28 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

ClientSampleId :

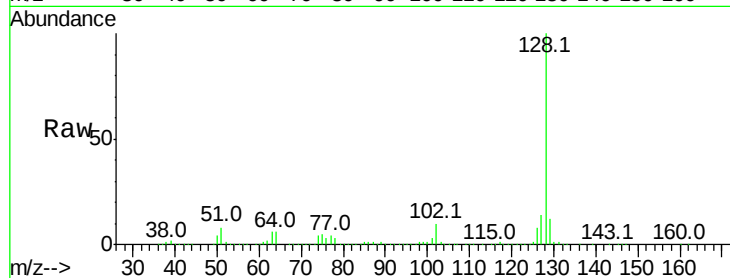
Tot Ion:128 Resp: 936606

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

127 13.9 10.9 16.3



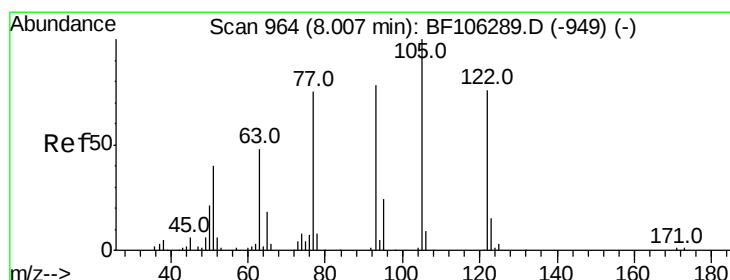
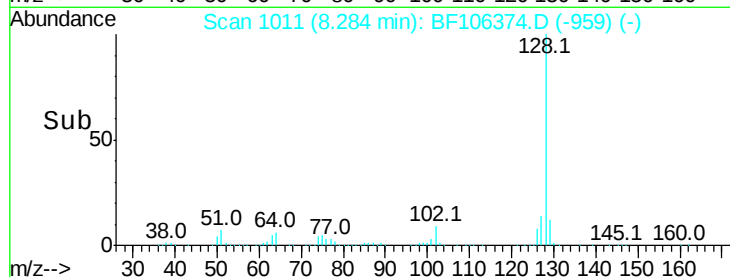
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

8.28

Time-->



#32

Benzoic acid

Concen: 11.513 ng

RT: 8.00 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

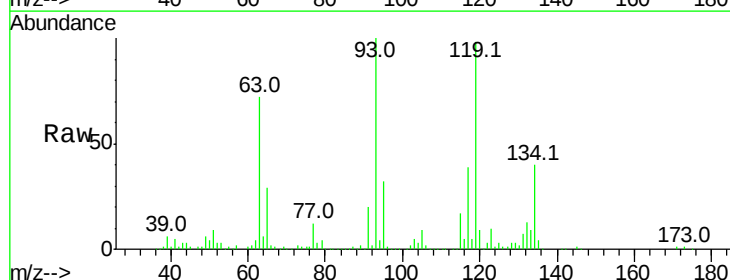
Tgt Ion:122 Resp: 18363

Ion Ratio Lower Upper

122 100

105 244.5 101.1 141.1#

77 356.5 70.7 110.7#



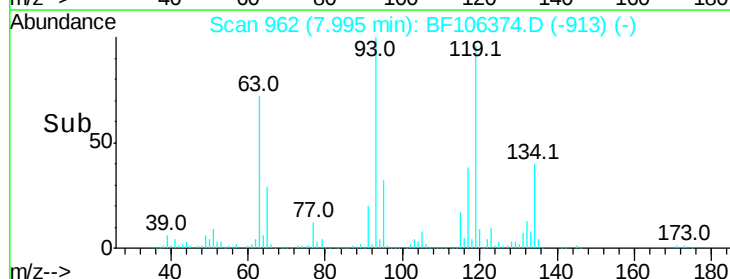
Abundance Ion 122.00 (121.70 to 122.70): E

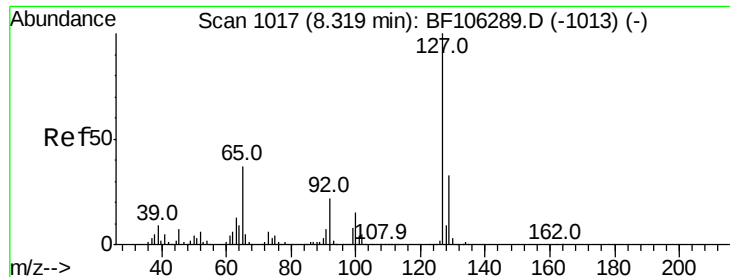
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

8.00

Time-->

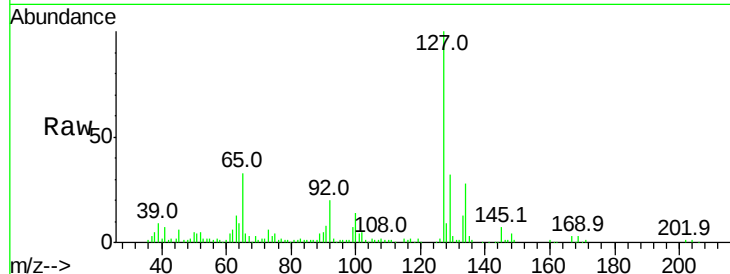




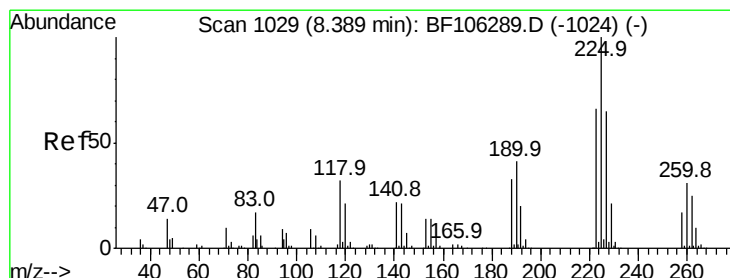
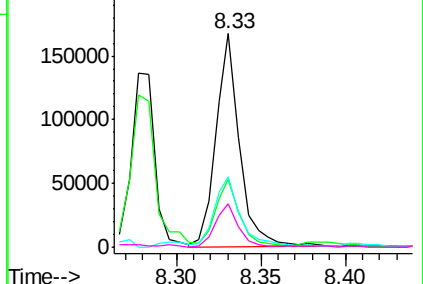
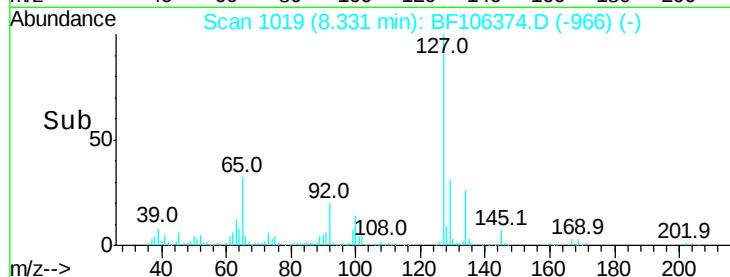
#33
4-Chloroaniline
Concen: 22.926 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 163338
Ion Ratio Lower Upper
127 100
129 31.8 25.9 38.9
65 32.7 25.0 37.4
92 20.5 15.2 22.8

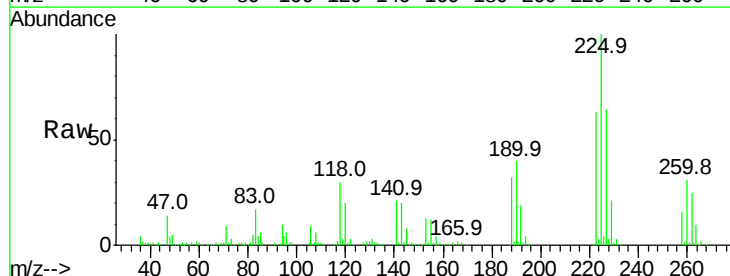


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

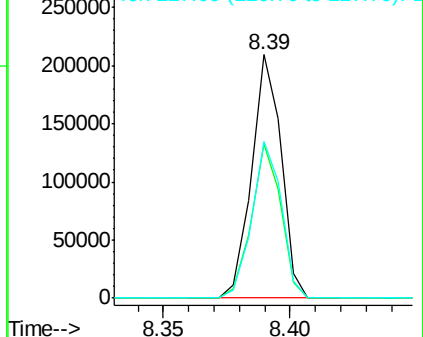
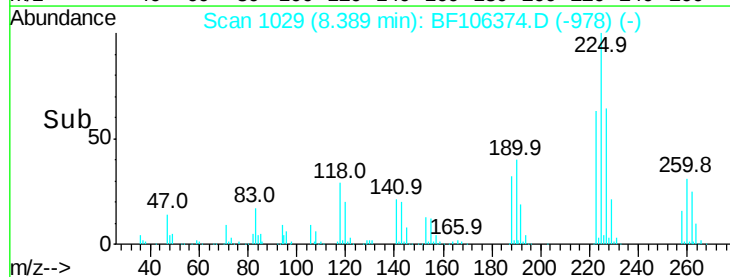


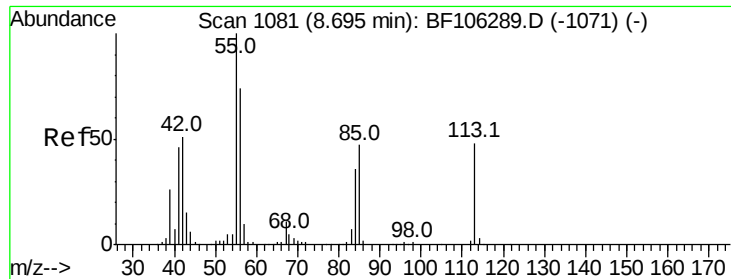
#34
Hexachlorobutadiene
Concen: 48.994 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion:225 Resp: 170202
Ion Ratio Lower Upper
225 100
223 63.3 50.6 76.0
227 64.2 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

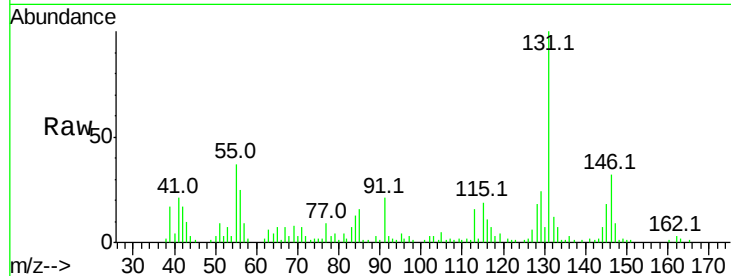




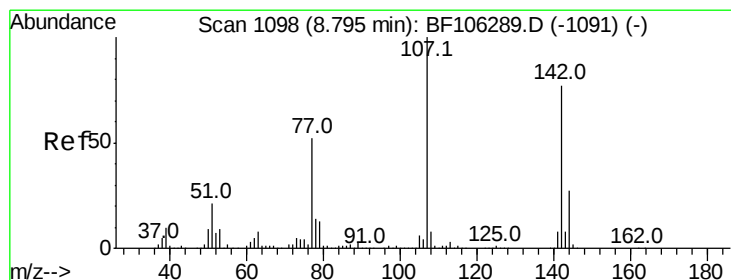
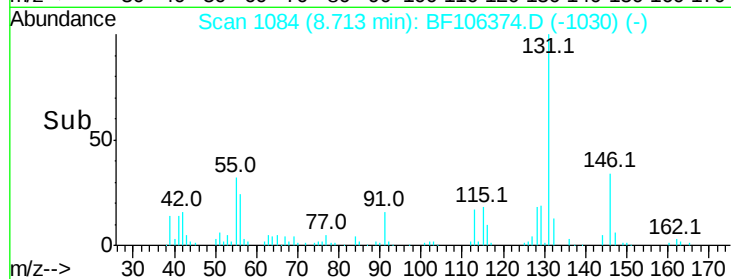
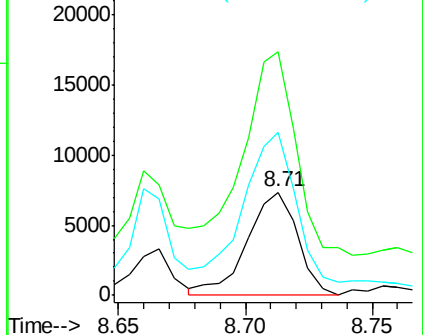
#35
 Caprolactam
 Concen: 6.279 ng
 RT: 8.71 min Scan# 1084
 Delta R.T. 0.02 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 10242
 Ion Ratio Lower Upper
 113 100
 55 235.5 163.3 203.3#
 56 157.2 115.7 155.7#

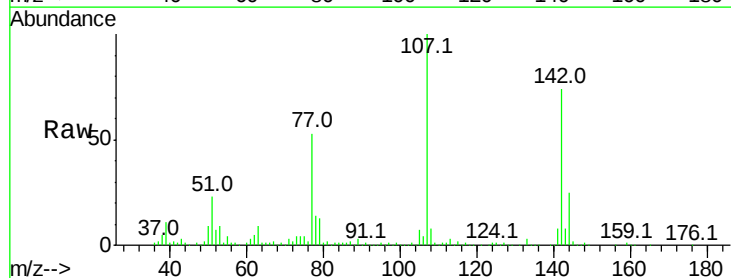


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

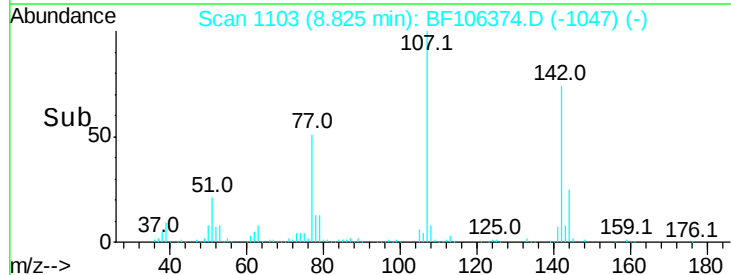
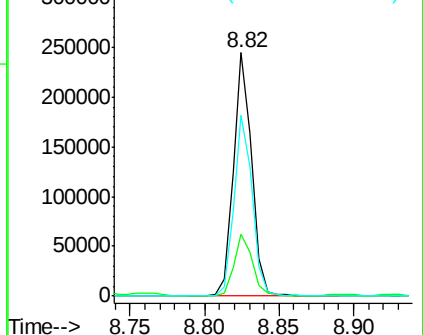


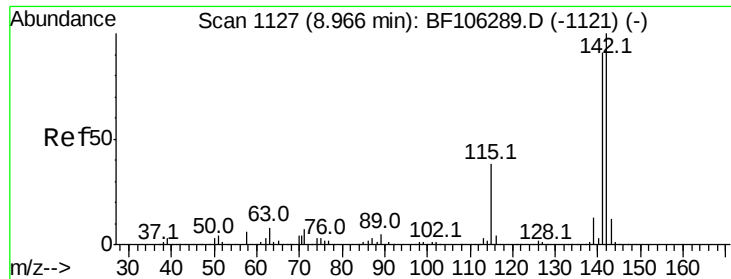
#36
 4-Chloro-3-methylphenol
 Concen: 39.441 ng
 RT: 8.82 min Scan# 1103
 Delta R.T. 0.03 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Tgt Ion:107 Resp: 210404
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 74.2 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

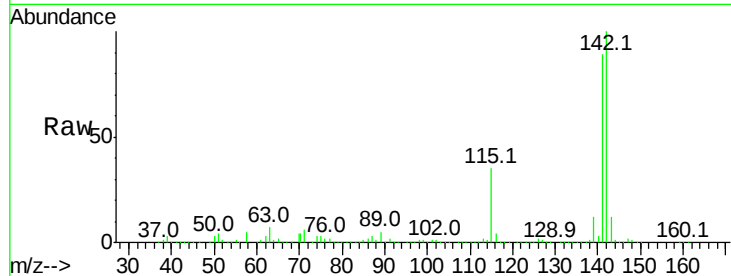




#37
2-Methylnaphthalene
Concen: 56.982 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	34.8	26.1	39.1

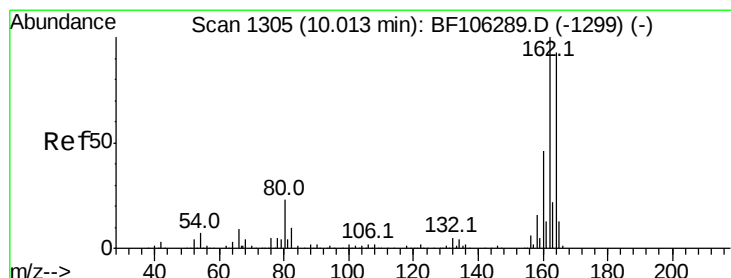
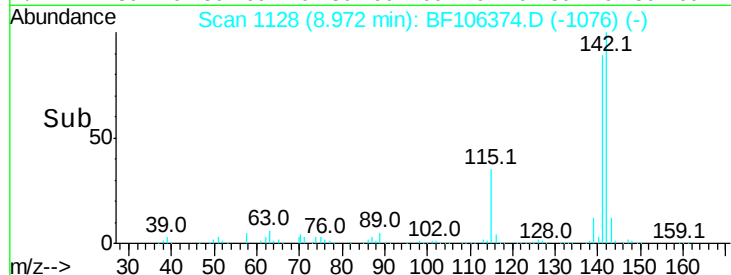
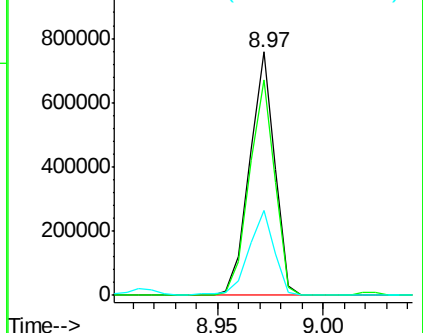


Abundance

Ion 142.00 (141.70 to 142.70): E

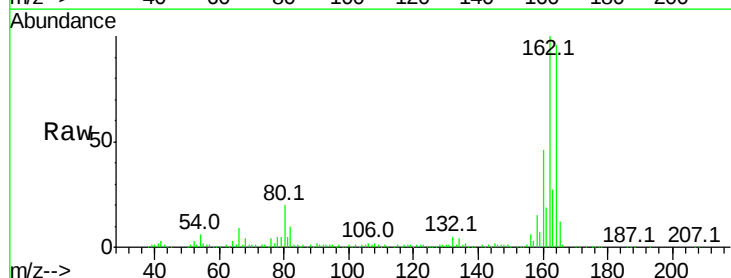
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	48.5	38.3	57.5

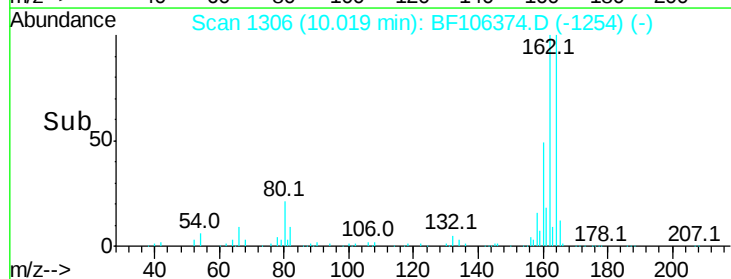
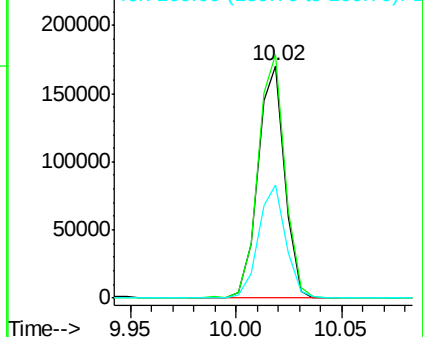


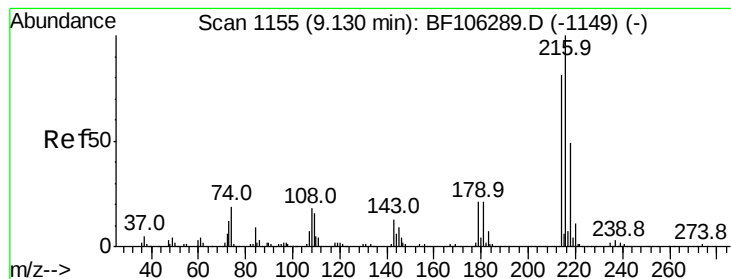
Abundance

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: 54.930 ng

RT: 9.14 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 268803

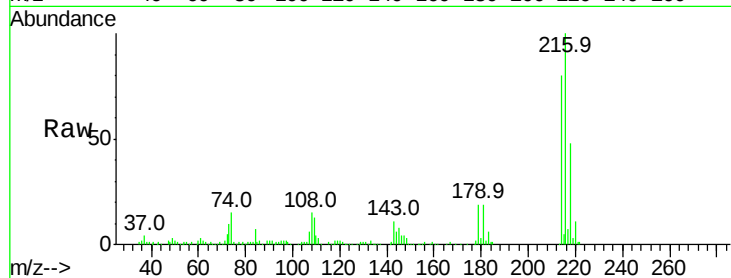
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 19.6 18.1 27.1

108 16.7 17.2 25.8#

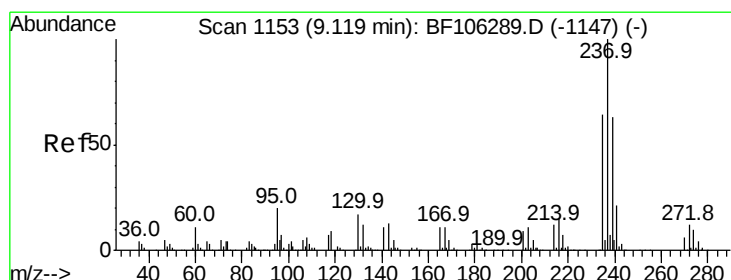
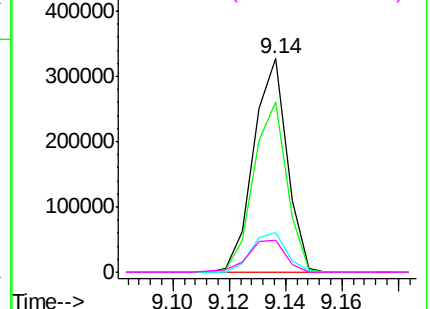
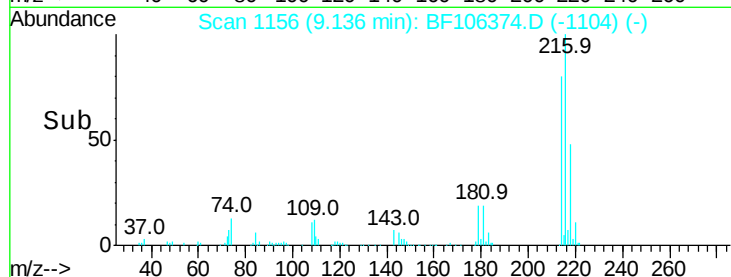


Abundance Ion 216.00 (215.70 to 216.70): E

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: 19.695 ng

RT: 9.12 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

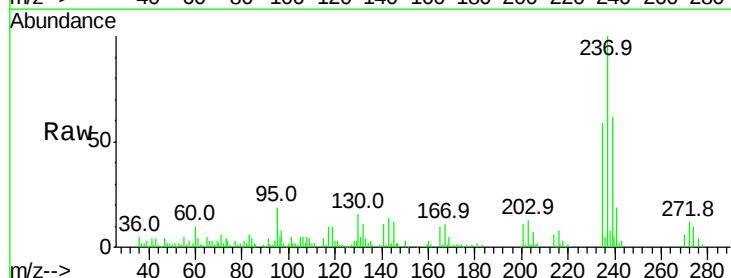
Tgt Ion:237 Resp: 53176

Ion Ratio Lower Upper

237 100

235 59.4 44.8 84.8

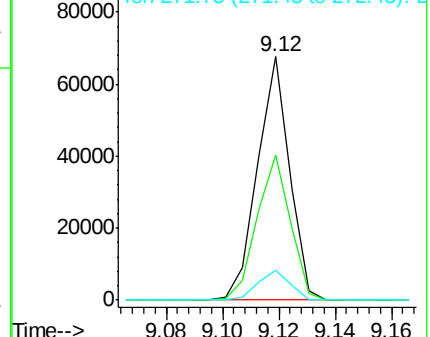
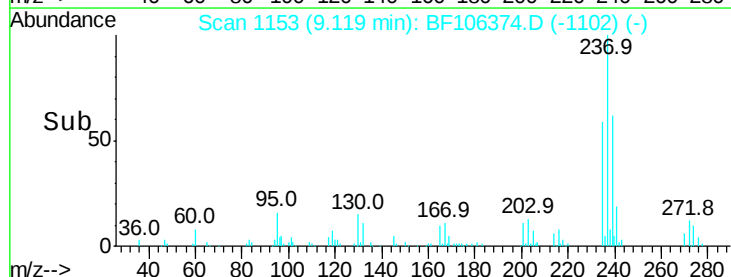
272 12.4 0.0 33.3

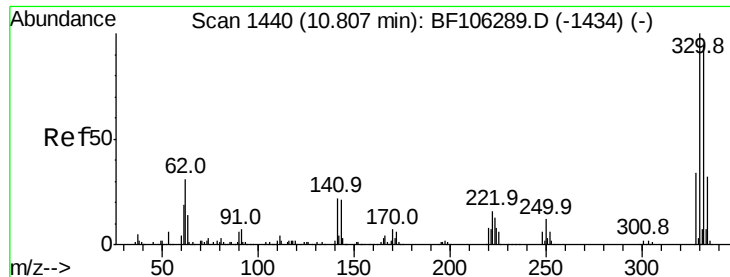


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

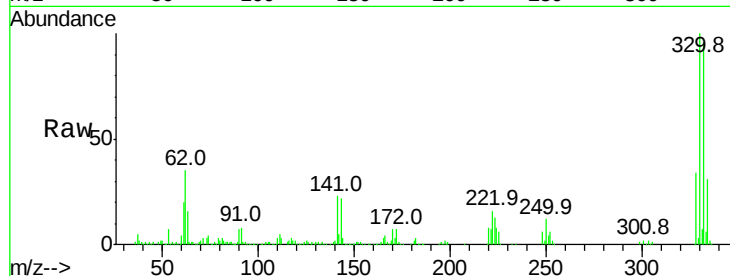




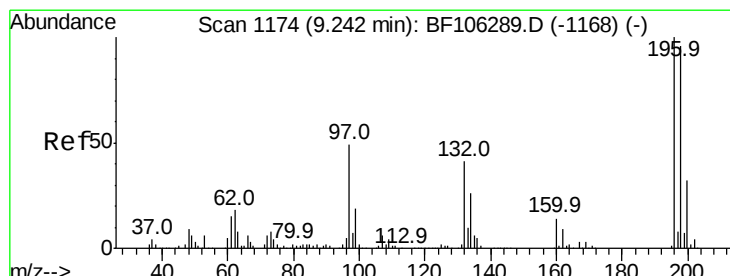
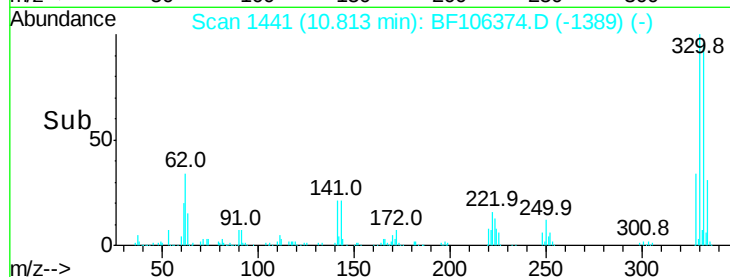
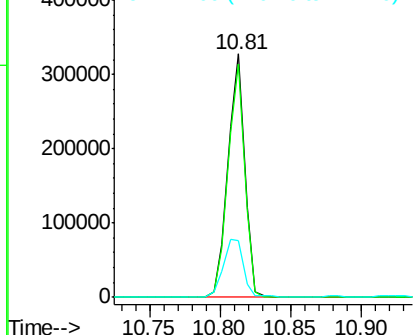
#41
 2,4,6-Tribromophenol
 Concen: 188.167 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	29.1	29.9	44.9#

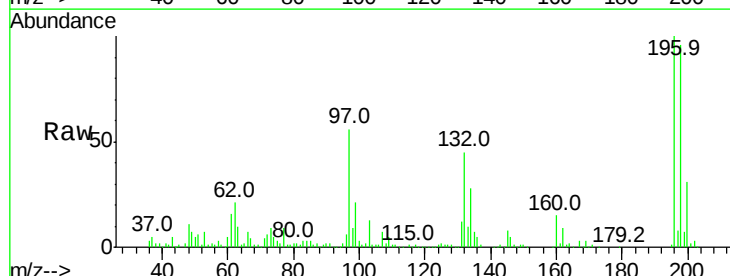


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

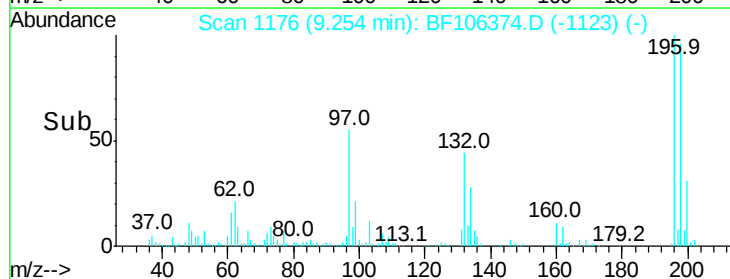
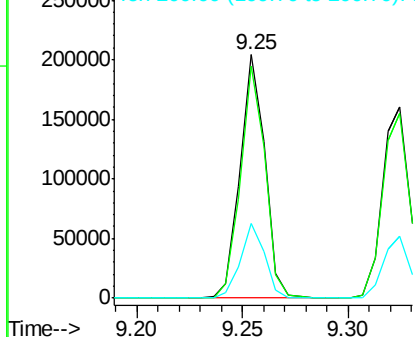


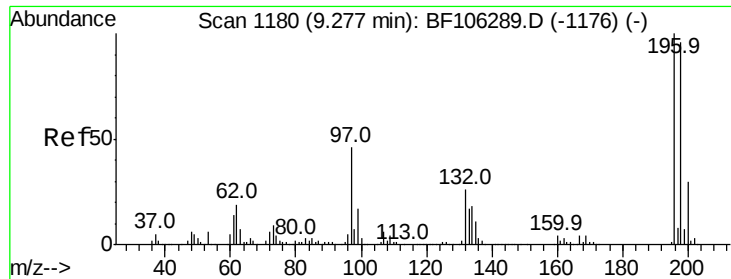
#42
 2,4,6-Trichlorophenol
 Concen: 53.151 ng
 RT: 9.25 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.7	113.5
200	30.7	24.5	36.7



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

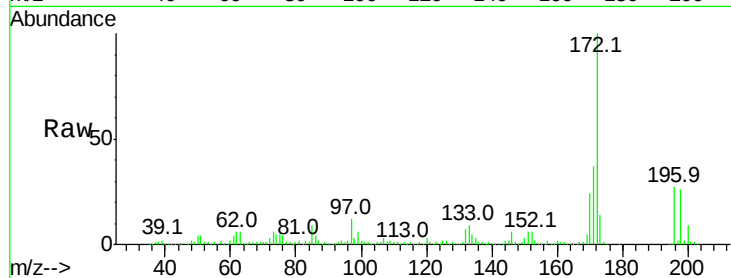




#43
 2,4,5-Trichlorophenol
 Concen: 44.015 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.05 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.6	74.6	112.0
97	43.5	42.9	64.3
132	27.1	26.3	39.5



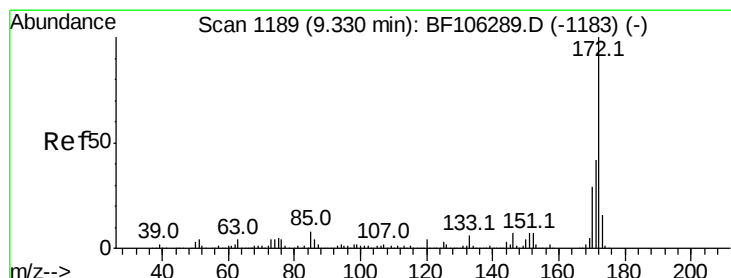
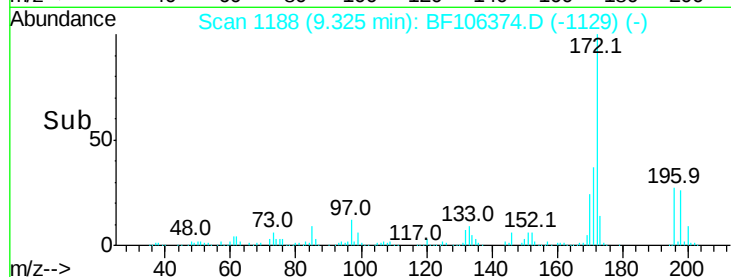
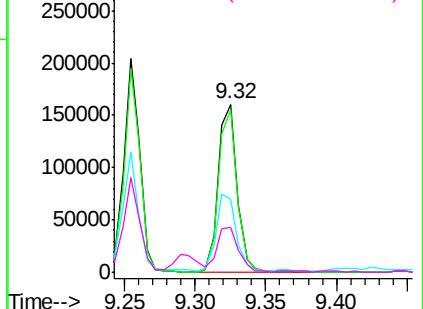
Abundance

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: 163.396 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

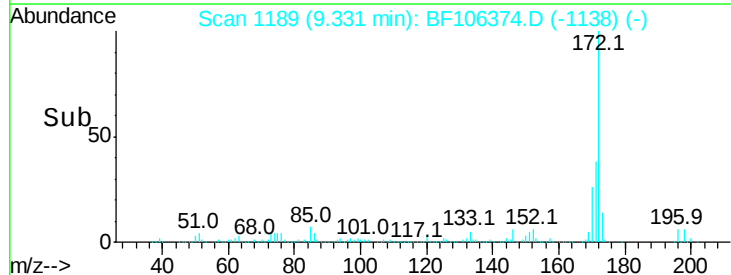
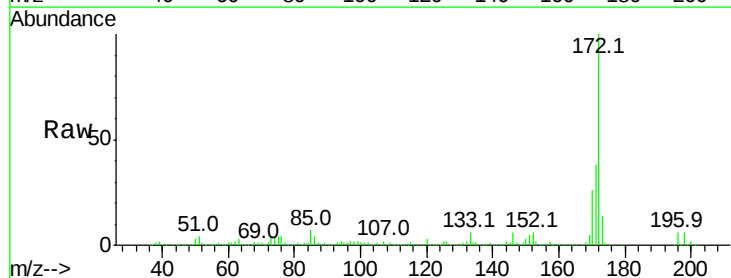
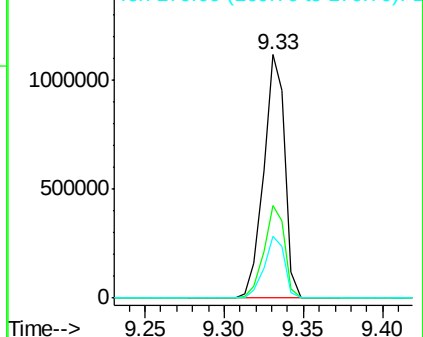
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.7	44.5
170	25.6	19.6	29.4

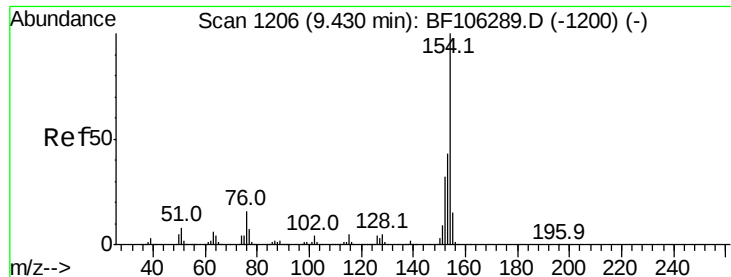
Abundance

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: 53.349 ng

RT: 9.44 min Scan# 1207

Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

ClientSampled :

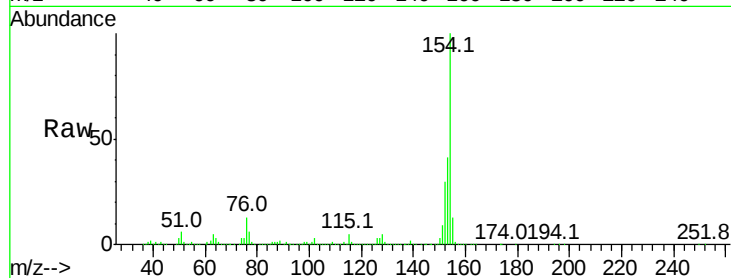
Tot Ion:154 Resp: 622895

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

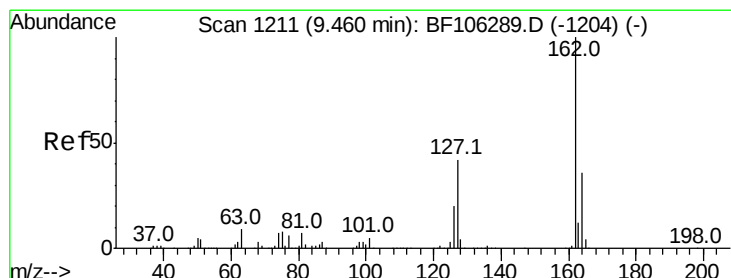
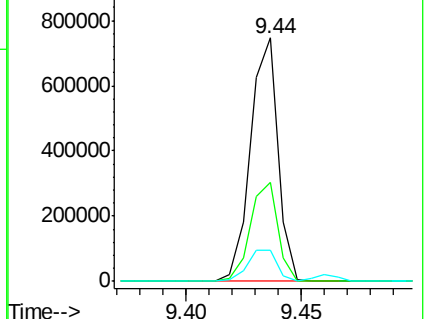
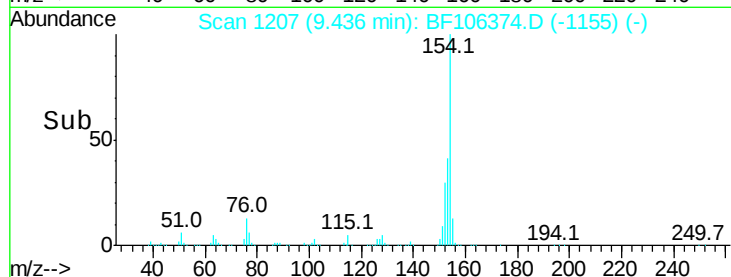
76 12.7 0.0 34.0



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: 51.253 ng

RT: 9.46 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

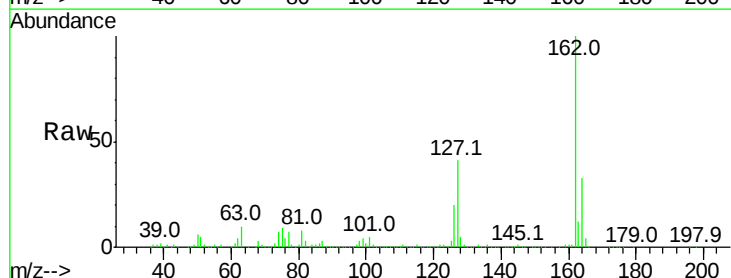
Tgt Ion:162 Resp: 478893

Ion Ratio Lower Upper

162 100

127 40.8 33.9 50.9

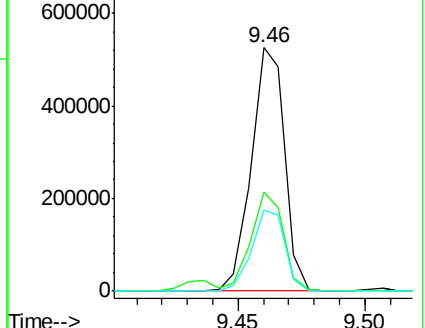
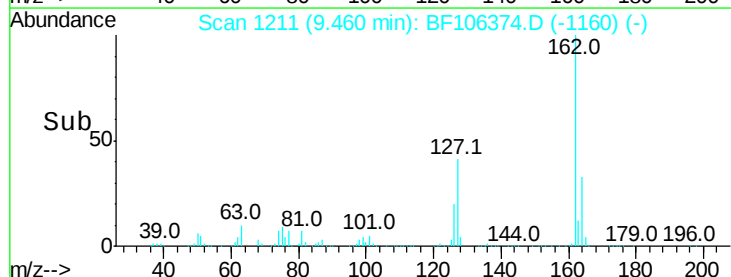
164 33.1 26.5 39.7

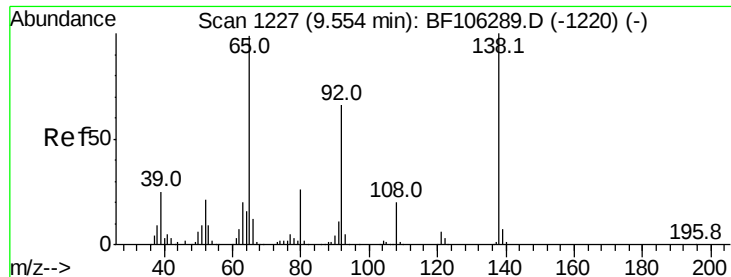


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

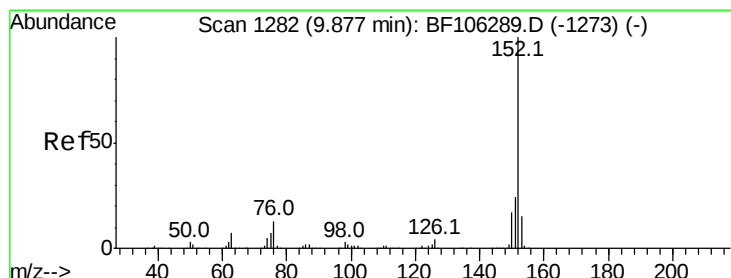
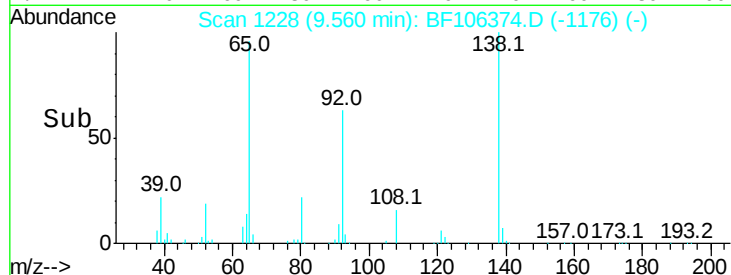
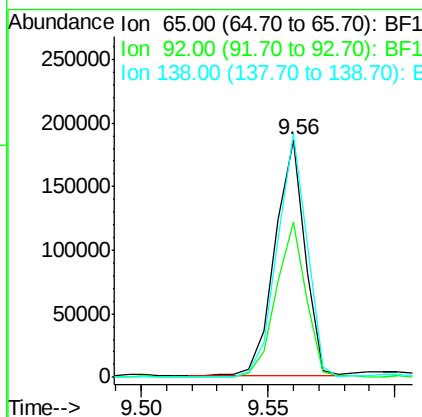
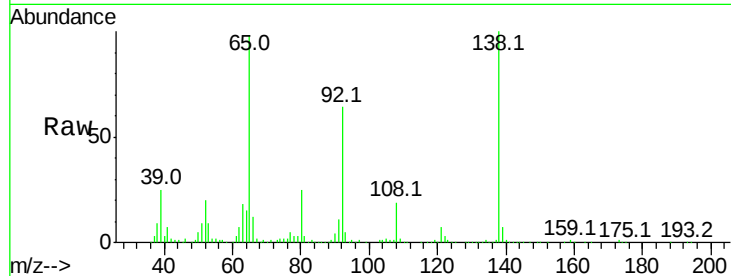




#47
2-Nitroaniline
Concen: 52.787 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

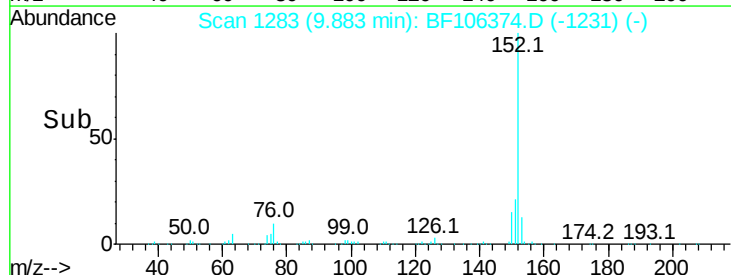
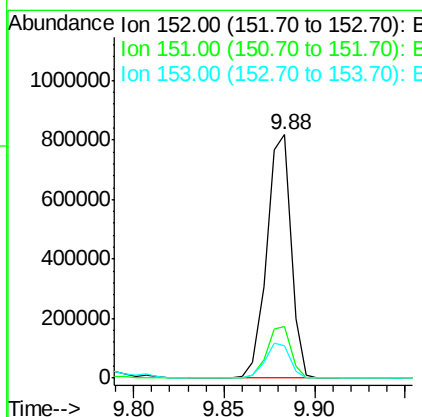
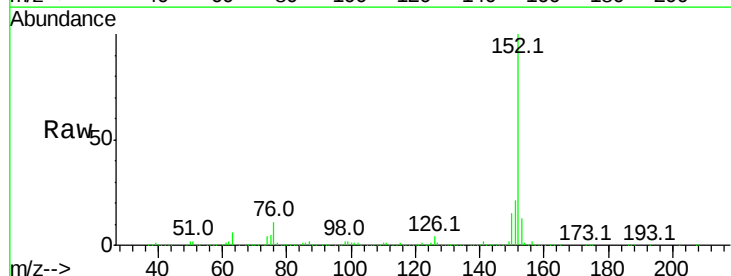
Instrument :
BNA_F
ClientSampled :

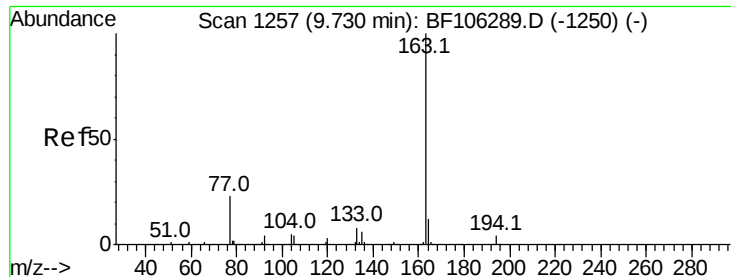
Tot Ion: 65 Resp: 155161
Ion Ratio Lower Upper
65 100
92 65.3 55.8 83.6
138 102.5 91.2 136.8



#48
Acenaphthylene
Concen: 53.290 ng
RT: 9.88 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion: 152 Resp: 762138
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 13.5 10.7 16.1

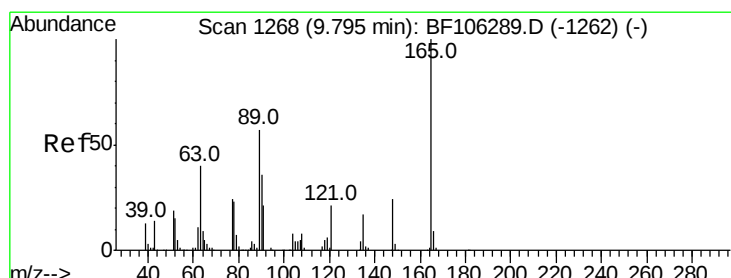
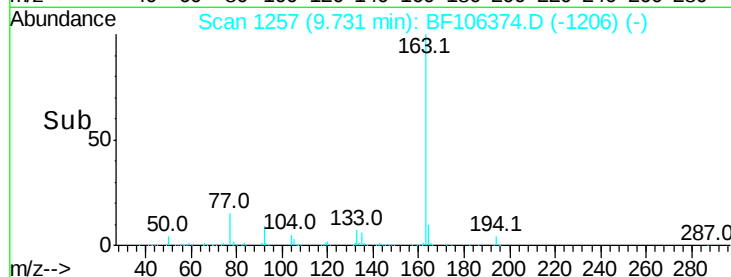
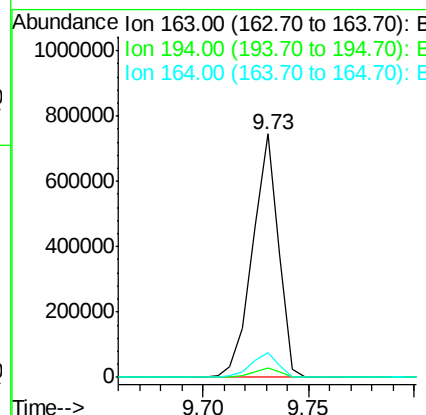
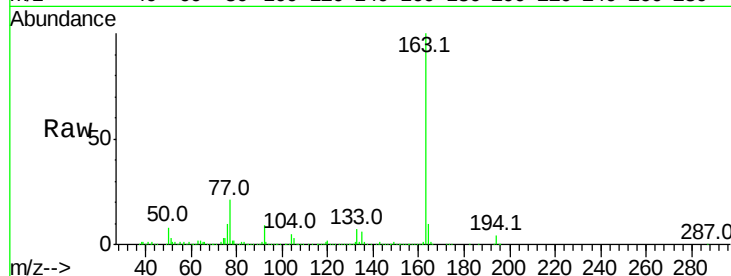




#49
Dimethylphthalate
Concen: 59.053 ng
RT: 9.73 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

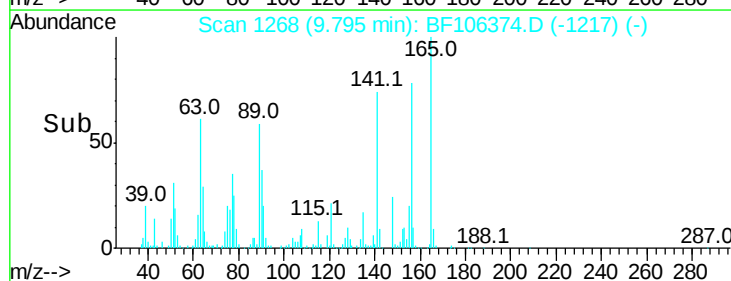
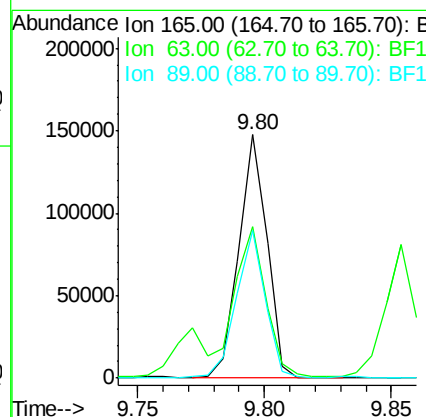
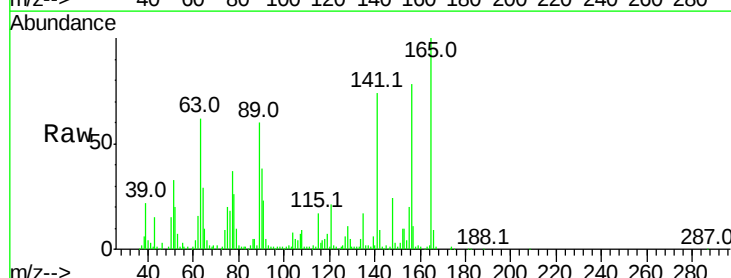
Instrument :
BNA_F
ClientSampleId :

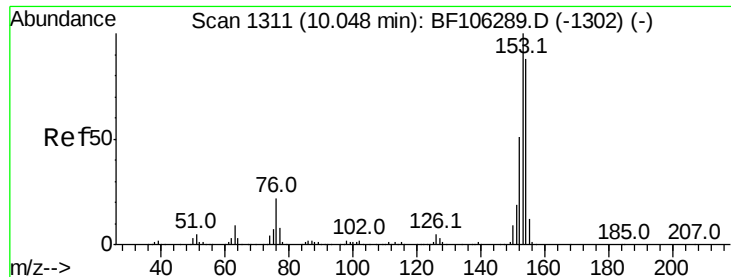
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.3	8.2	12.2



#50
2,6-Dinitrotoluene
Concen: 51.220 ng
RT: 9.80 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.5	44.7	67.1
89	60.4	44.0	66.0





#51

Acenaphthene

Concen: 52.830 ng

RT: 10.05 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

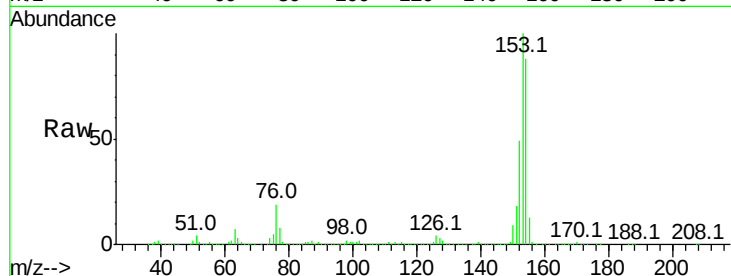
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 487947

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.2	136.8
152	55.3	43.8	65.8

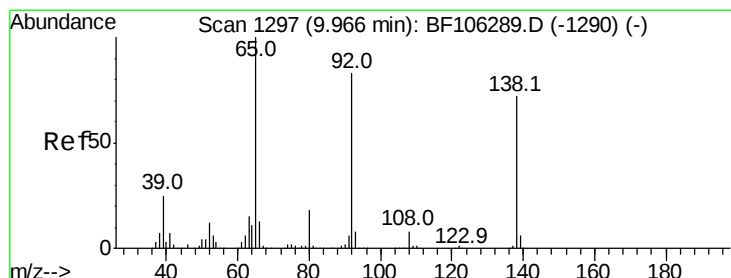
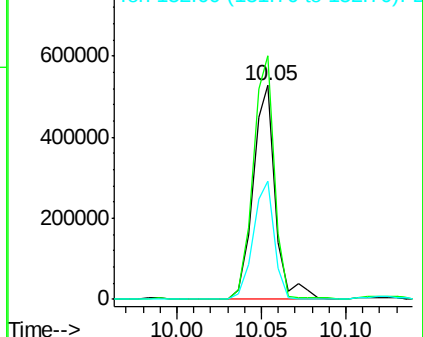
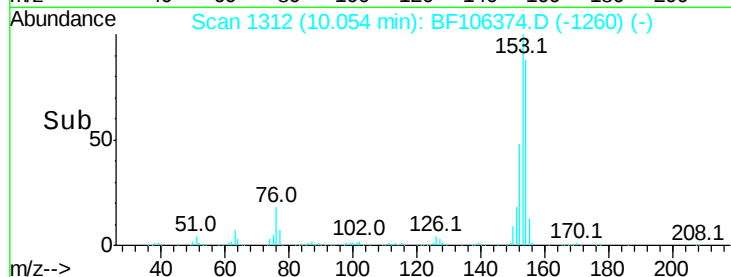


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.770 ng

RT: 9.97 min Scan# 1297

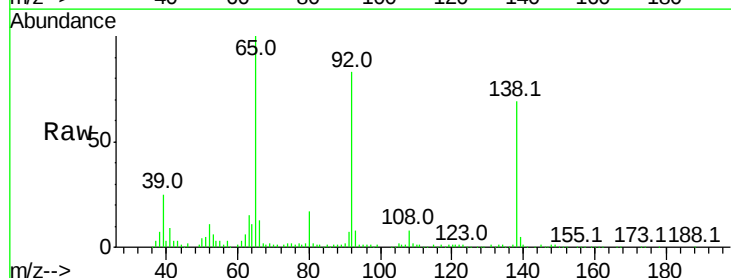
Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Tgt Ion:138 Resp: 93396

Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.4	14.0
92	119.4	89.4	134.2

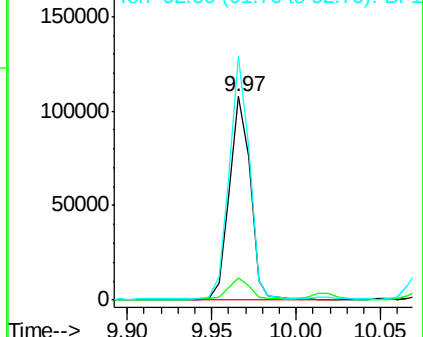
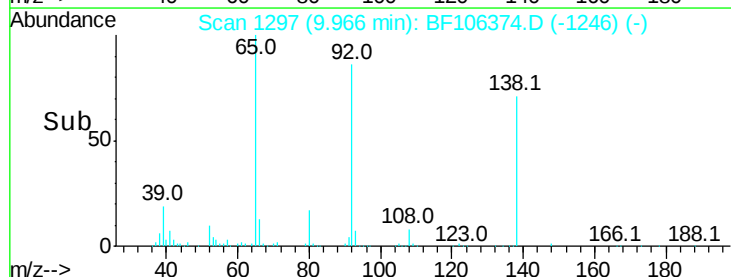


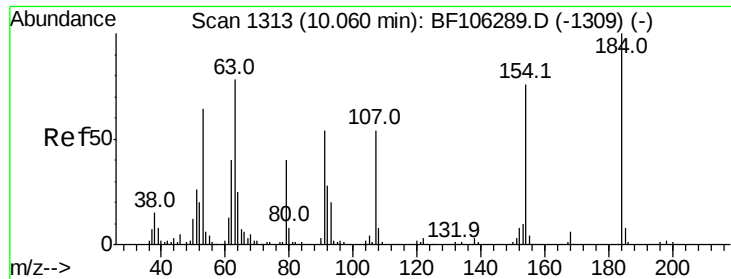
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

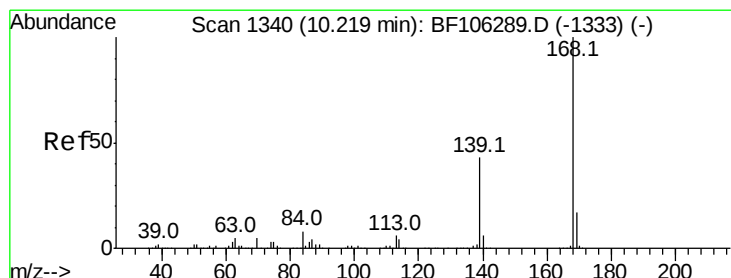
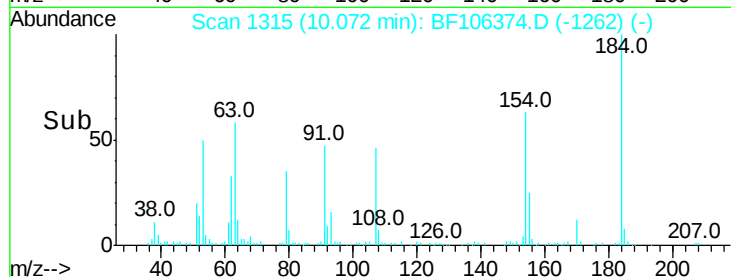
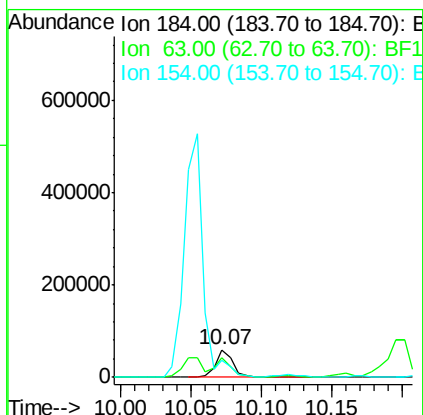
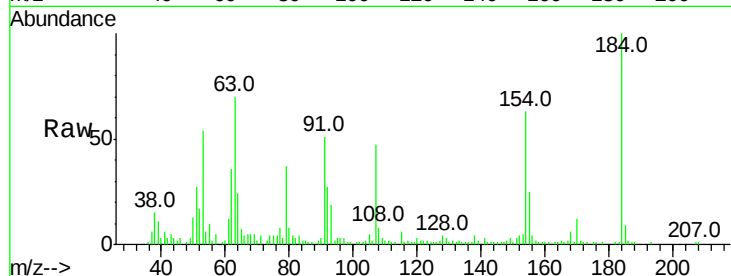




#53
2,4-Dinitrophenol
Concen: 53.415 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

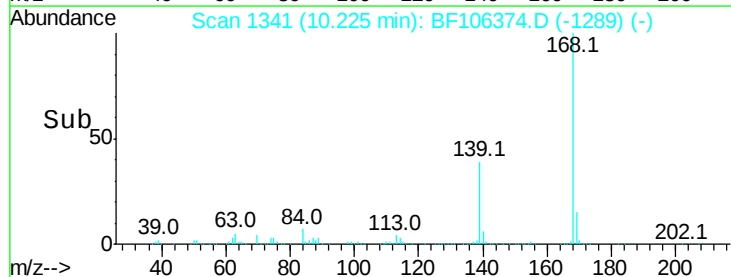
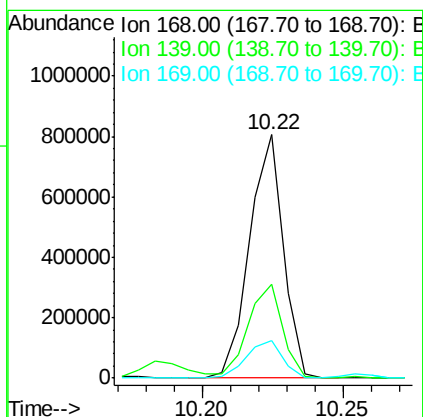
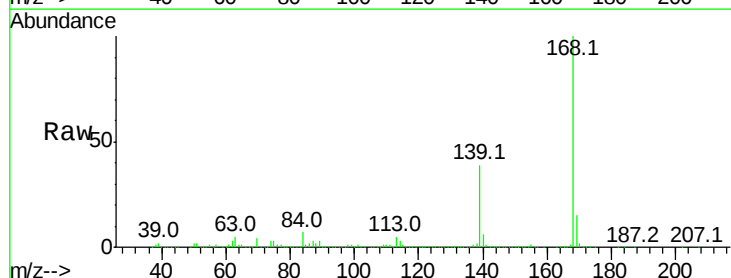
Instrument :
BNA_F
ClientSampleId :

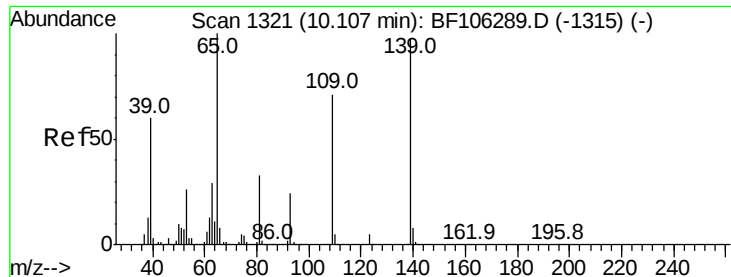
Tot Ion:184 Resp: 50710
Ion Ratio Lower Upper
184 100
63 69.8 54.2 81.2
154 63.1 184.0 276.0#



#54
Dibenzofuran
Concen: 53.678 ng
RT: 10.22 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion:168 Resp: 667613
Ion Ratio Lower Upper
168 100
139 38.5 30.1 45.1
169 15.2 10.9 16.3





#55

4-Nitrophenol

Concen: 31.370 ng

RT: 10.18 min Scan# 1334

Delta R.T. 0.08 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

ClientSampleId :

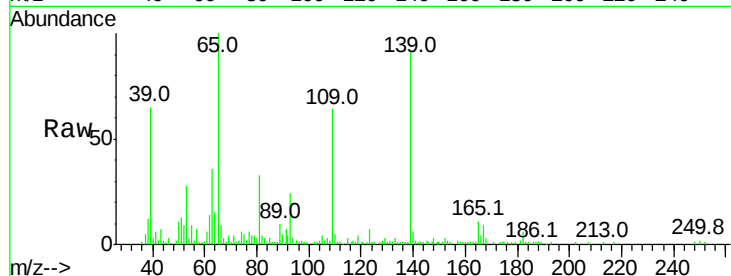
Tot Ion:139 Resp: 62783

Ion Ratio Lower Upper

139 100

109 70.5 48.4 88.4

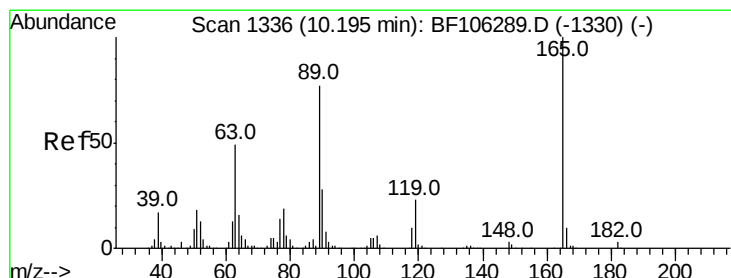
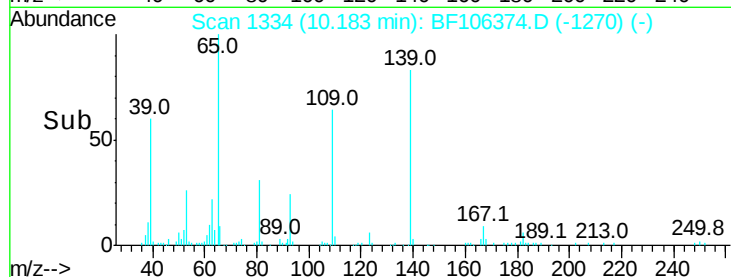
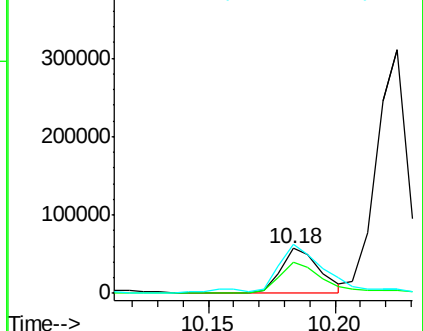
65 109.4 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 56.901 ng

RT: 10.20 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Tgt Ion:165 Resp: 157193

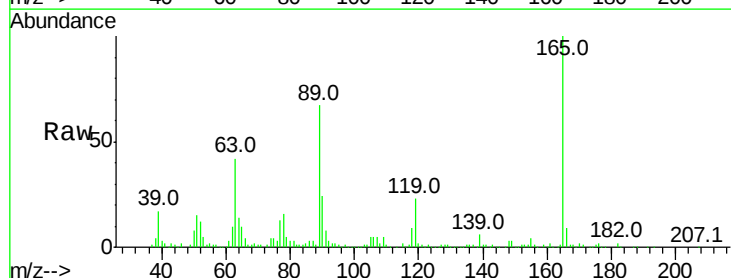
Ion Ratio Lower Upper

165 100

63 41.5 36.4 54.6

89 67.2 57.8 86.6

182 2.4 1.6 2.4

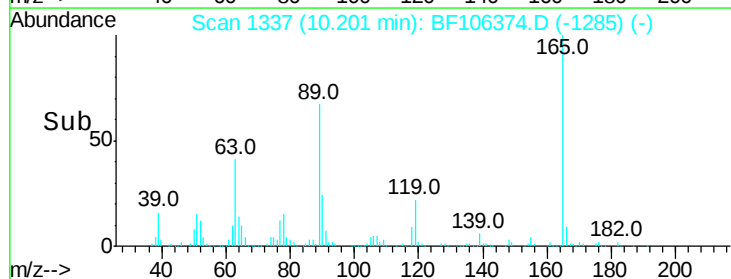
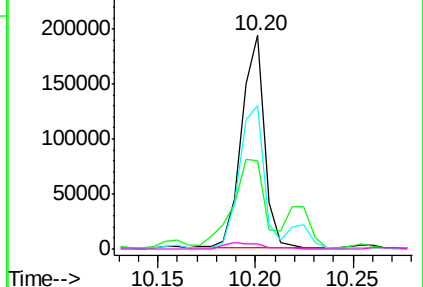


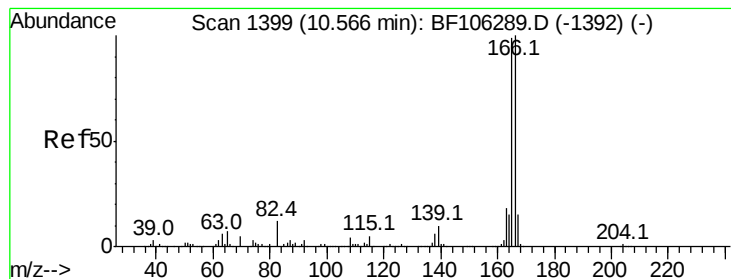
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 56.414 ng

RT: 10.57 min Scan# 1399

Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

ClientSampleId :

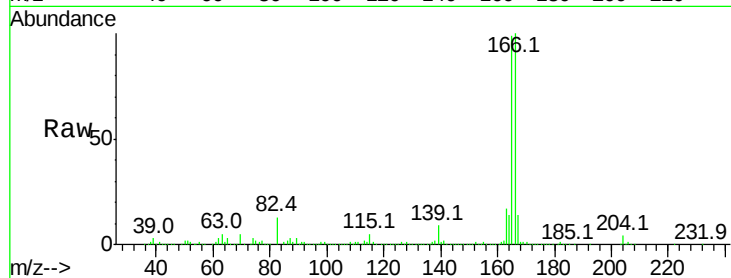
Tot Ion:166 Resp: 555907

Ion Ratio Lower Upper

166 100

165 98.8 79.8 119.8

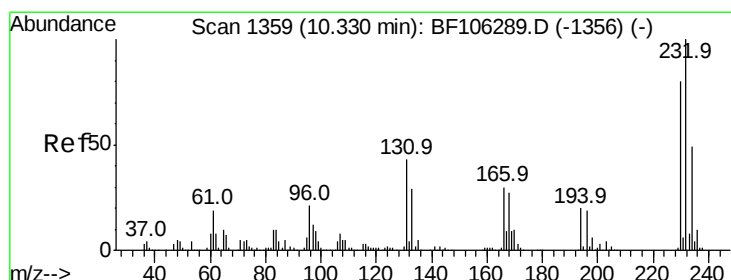
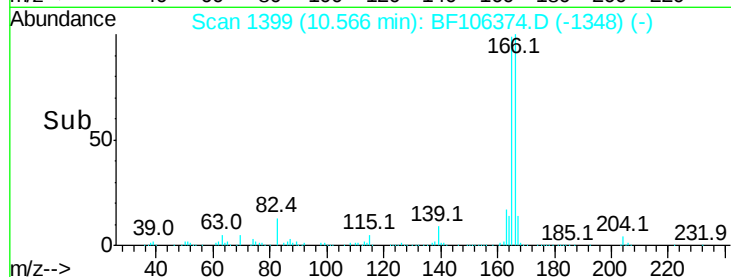
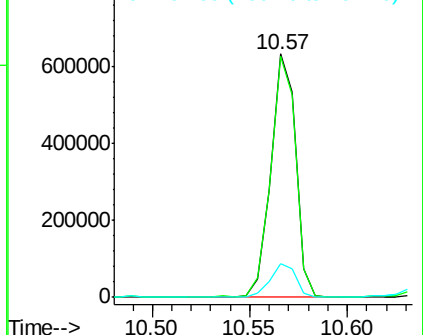
167 14.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.769 ng

RT: 10.35 min Scan# 1362

Delta R.T. 0.02 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Tgt Ion:232 Resp: 153932

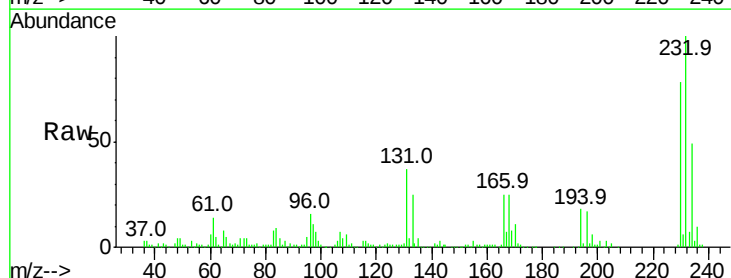
Ion Ratio Lower Upper

232 100

131 40.3 43.8 65.8#

130 3.3 2.1 3.1#

166 28.1 27.8 41.6

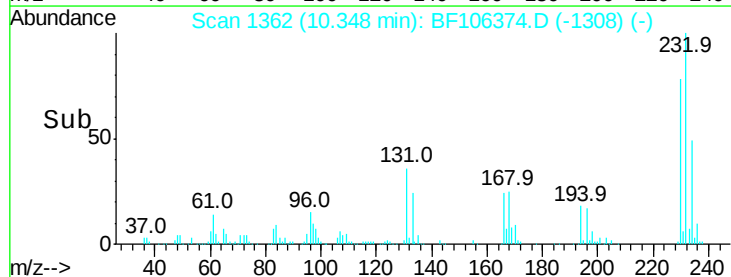
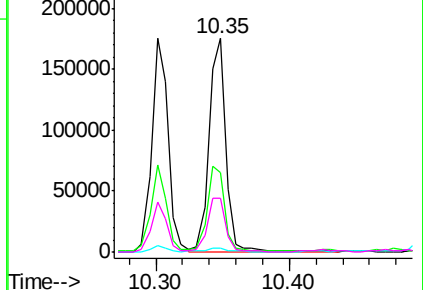


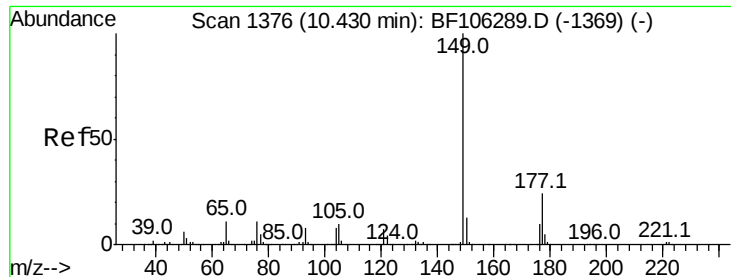
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

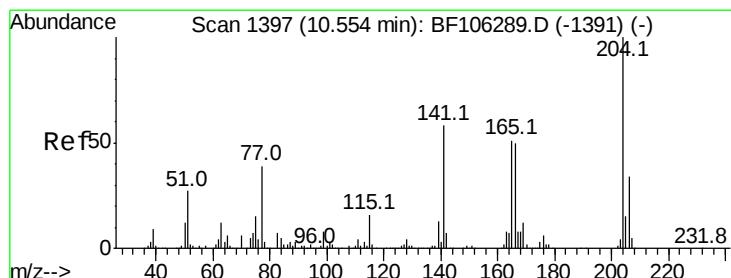
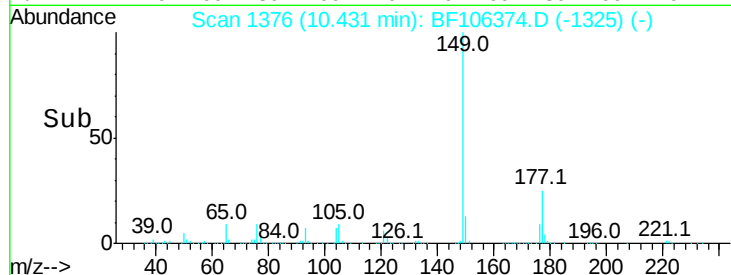
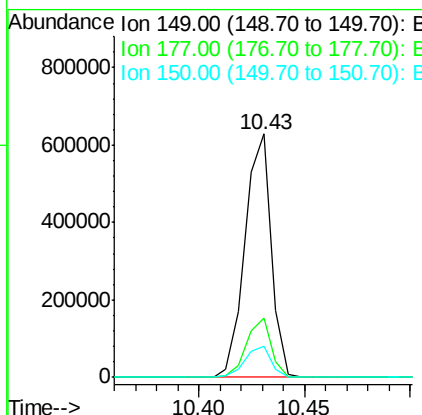
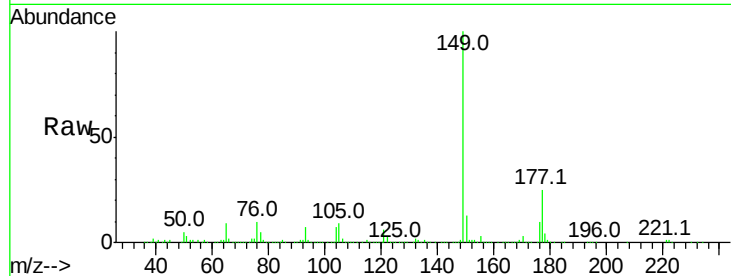




#59
Diethylphthalate
Concen: 50.442 ng
RT: 10.43 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

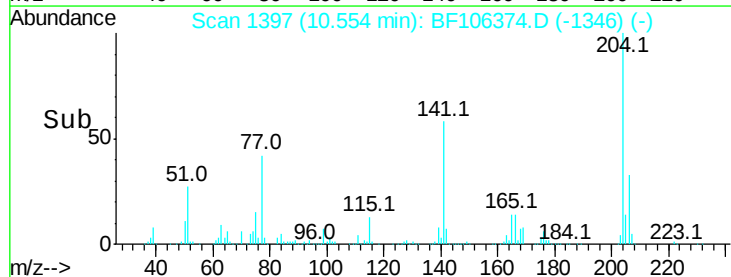
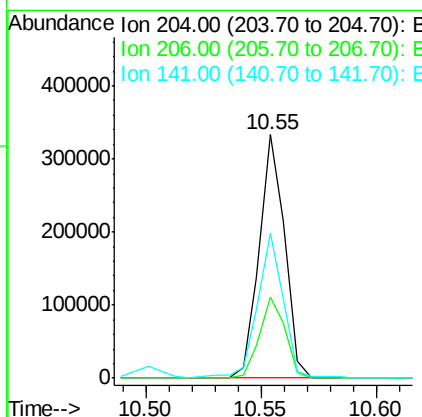
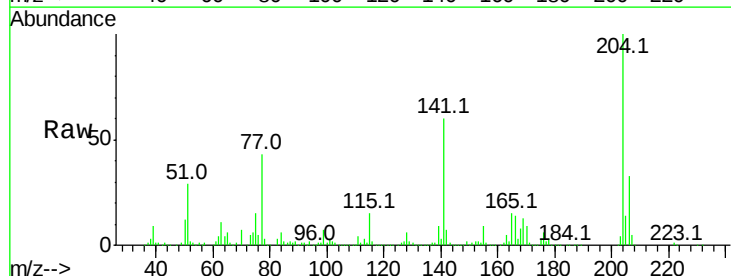
Instrument :
BNA_F
ClientSampleId :

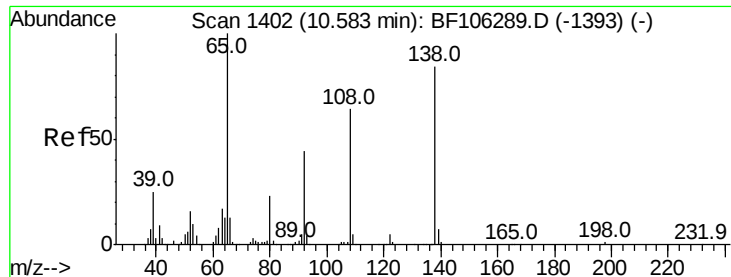
Tot Ion:149 Resp: 539204
Ion Ratio Lower Upper
149 100
177 24.5 16.1 24.1#
150 12.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 49.482 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion:204 Resp: 256460
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 59.7 54.6 81.8





#61

4-Nitroaniline

Concen: 43.940 ng

RT: 10.58 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

ClientSampleId :

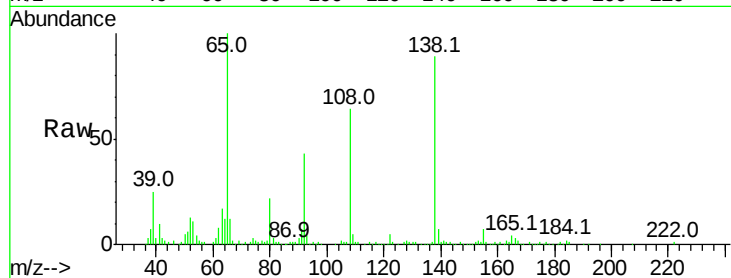
Tot Ion:138 Resp: 111624

Ion Ratio Lower Upper

138 100

92 48.7 30.2 70.2

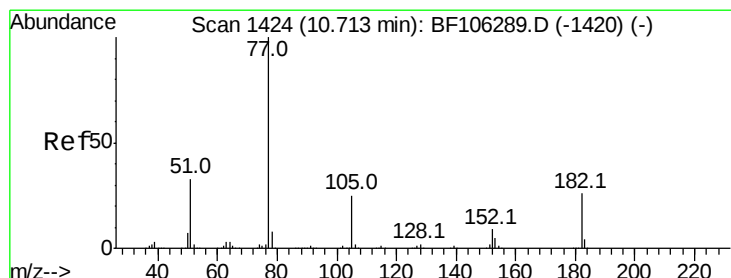
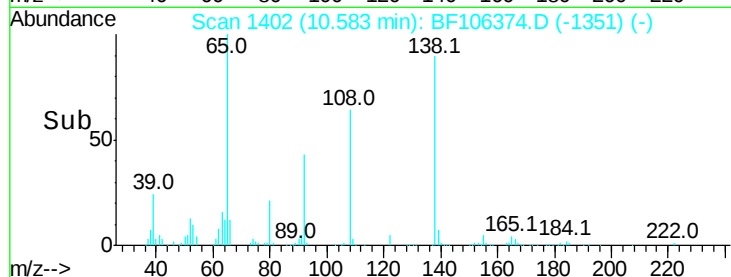
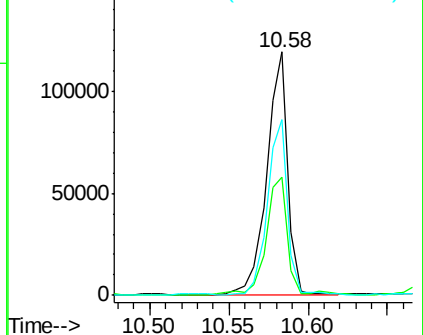
108 72.0 52.5 92.5



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: 48.416 ng

RT: 10.71 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Tgt Ion: 77 Resp: 539661

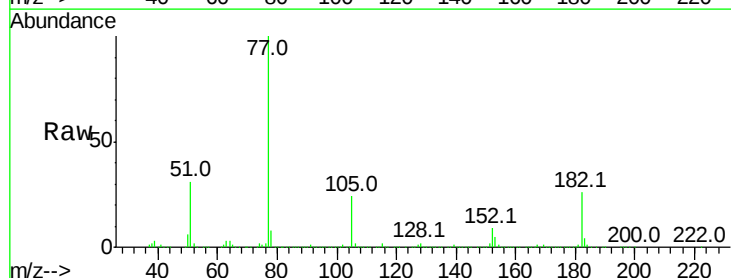
Ion Ratio Lower Upper

77 100

182 25.6 1.7 41.7

105 23.6 3.0 43.0

51 30.8 9.9 49.9

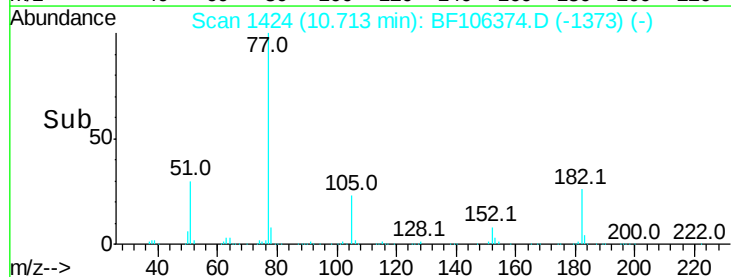
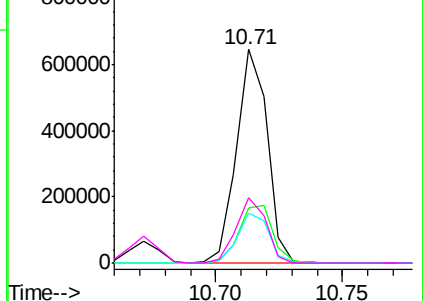


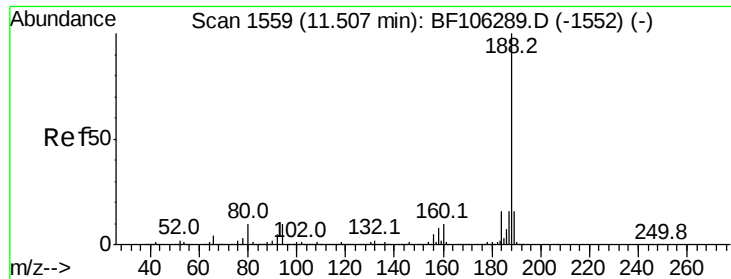
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.51 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

ClientSampled :

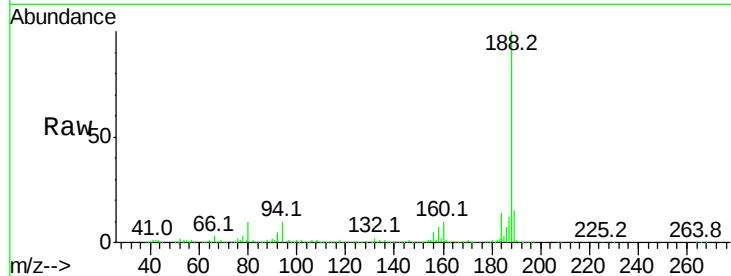
Tot Ion:188 Resp: 310625

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

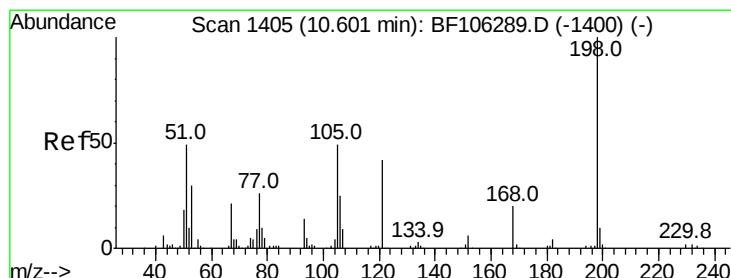
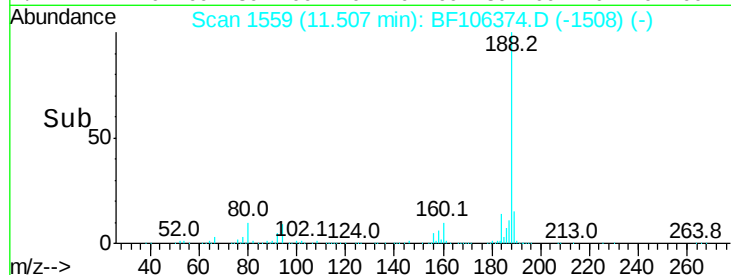
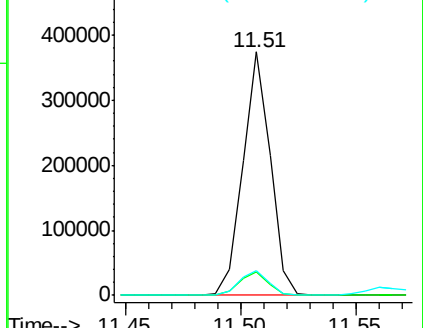
80 10.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 27.471 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

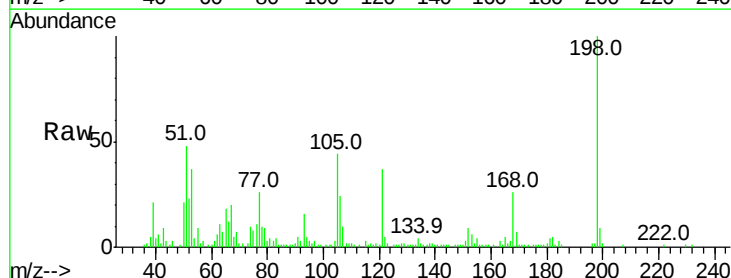
Tgt Ion:198 Resp: 40840

Ion Ratio Lower Upper

198 100

51 47.8 37.7 77.7

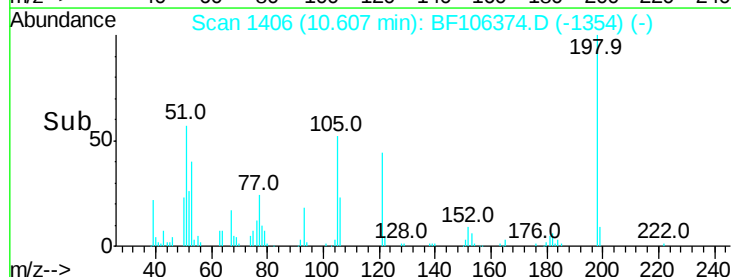
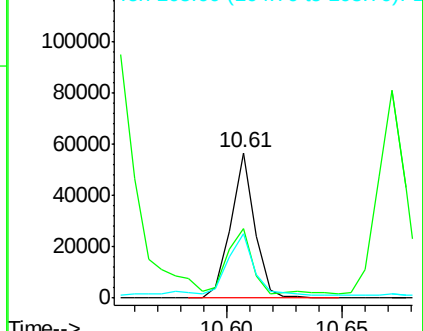
105 44.4 36.3 76.3

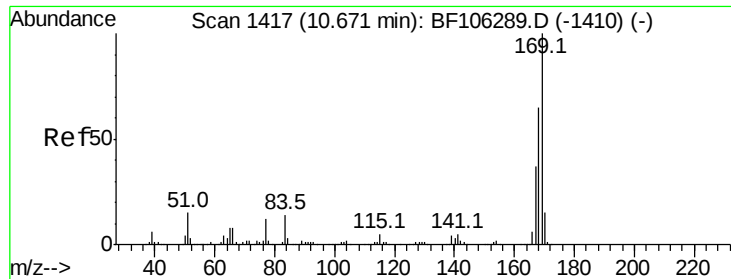


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

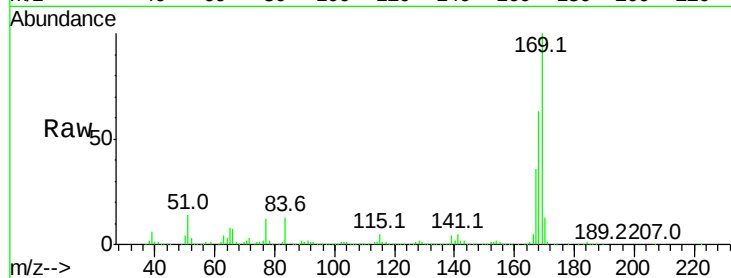




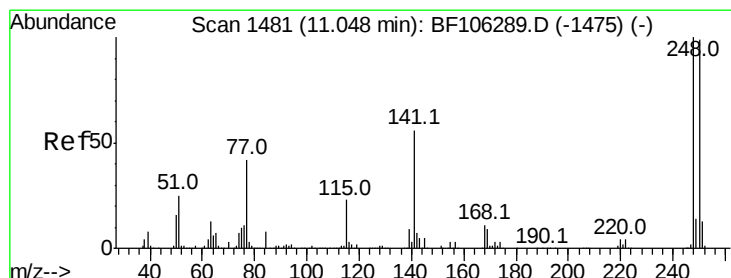
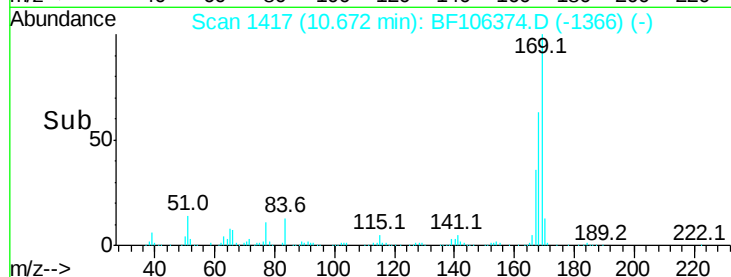
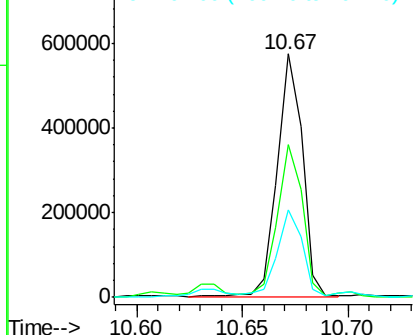
#65
n-Nitrosodiphenylamine
Concen: 45.418 ng
RT: 10.67 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	62.8	54.4	81.6
167	35.8	29.8	44.6

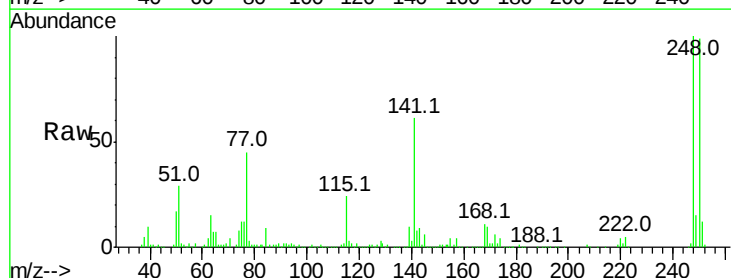


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

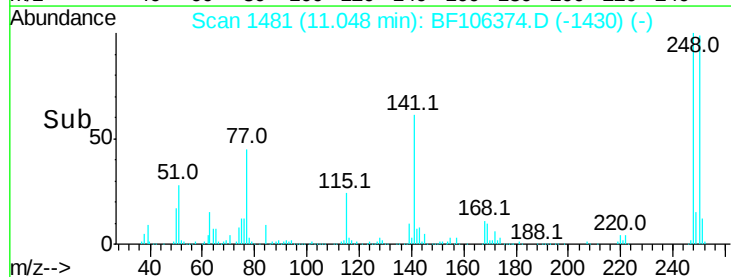
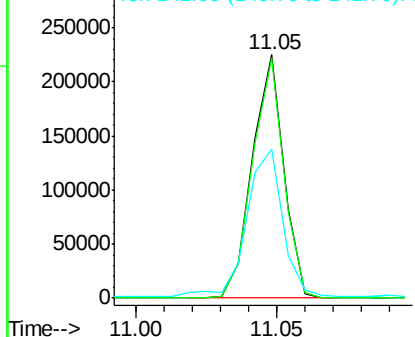


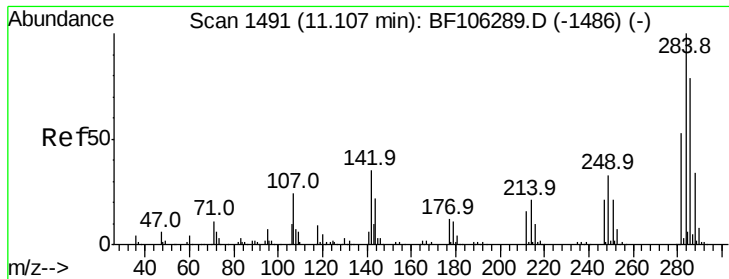
#66
4-Bromophenyl-phenylether
Concen: 49.293 ng
RT: 11.05 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.5	76.9	115.3
141	61.1	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

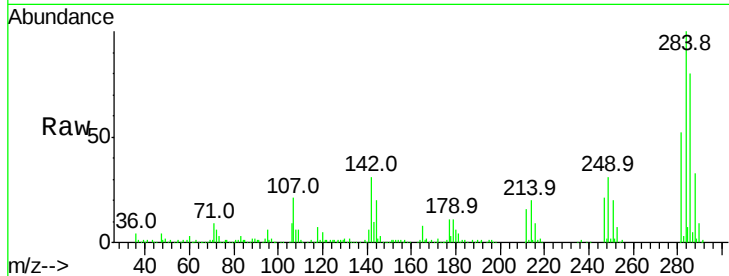




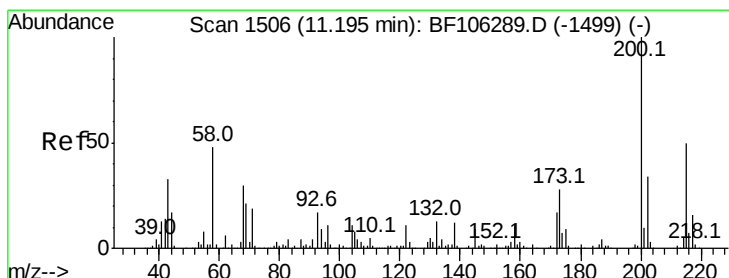
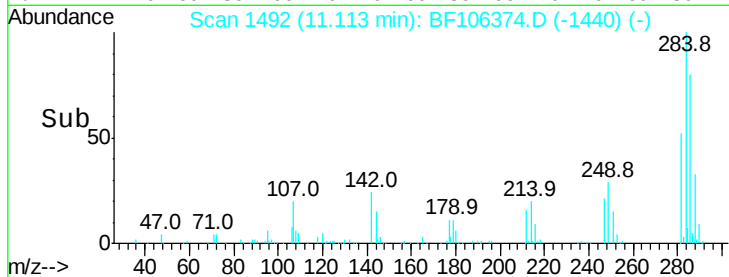
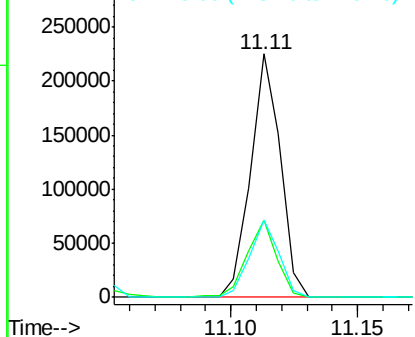
#67
Hexachlorobenzene
Concen: 50.231 ng
RT: 11.11 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 182959
Ion Ratio Lower Upper
284 100
142 31.5 34.6 52.0#
249 31.5 24.8 37.2

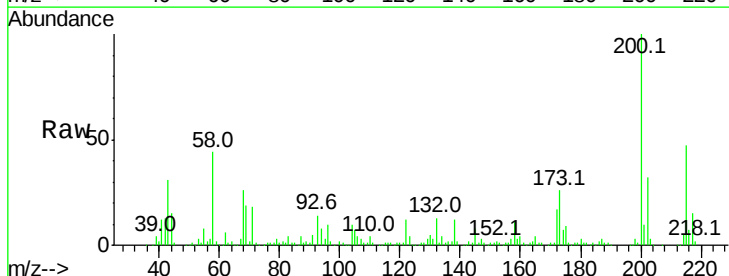


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

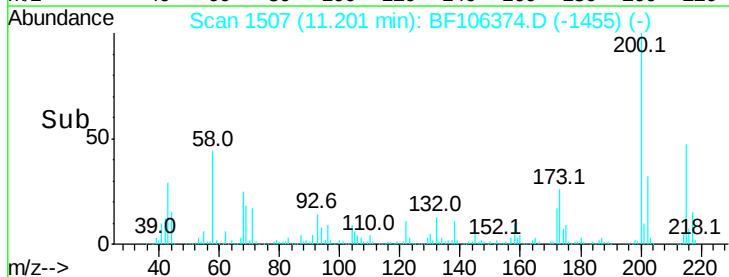
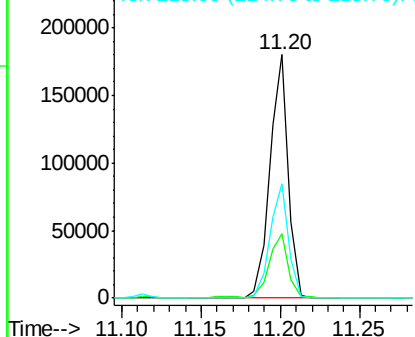


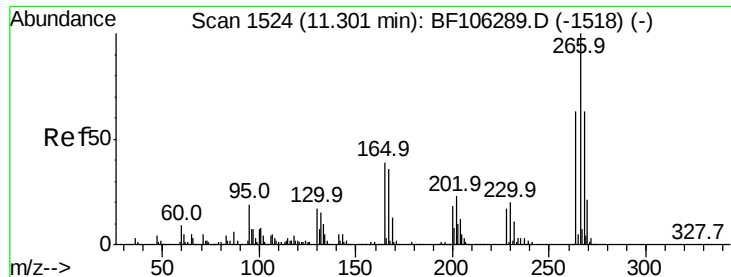
#68
Atrazine
Concen: 45.400 ng
RT: 11.20 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion:200 Resp: 146060
Ion Ratio Lower Upper
200 100
173 26.5 8.6 48.6
215 47.1 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

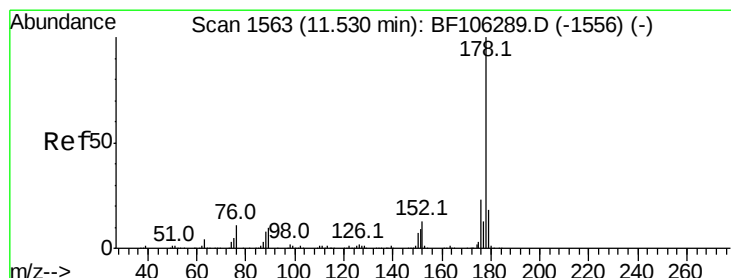
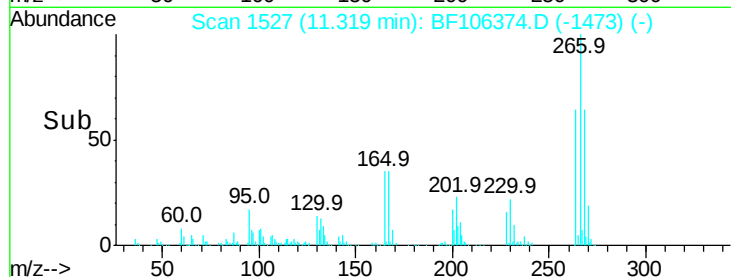
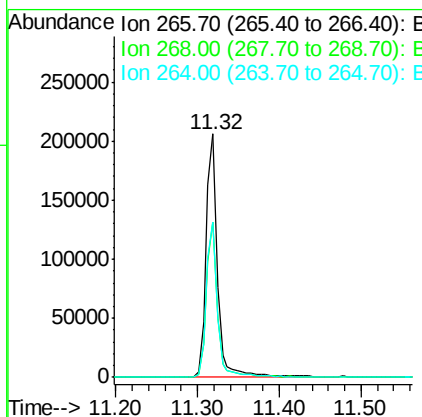
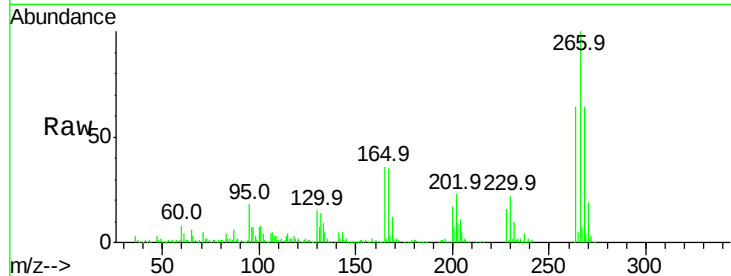




#69
 Pentachlorophenol
 Concen: 90.116 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. 0.02 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

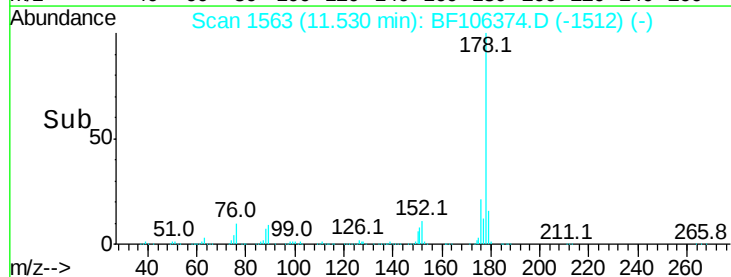
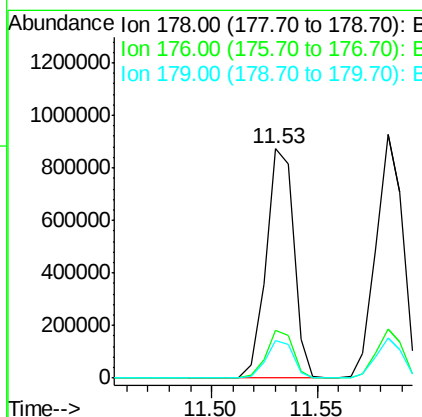
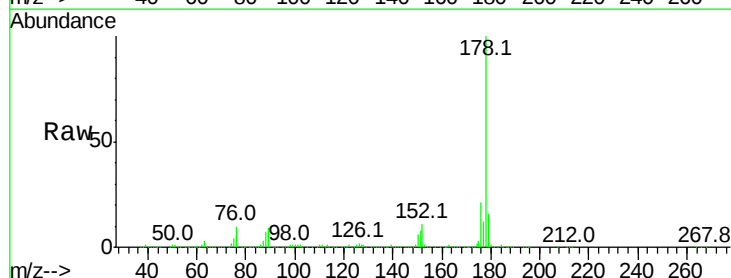
Instrument :
 BNA_F
 ClientSampleId :

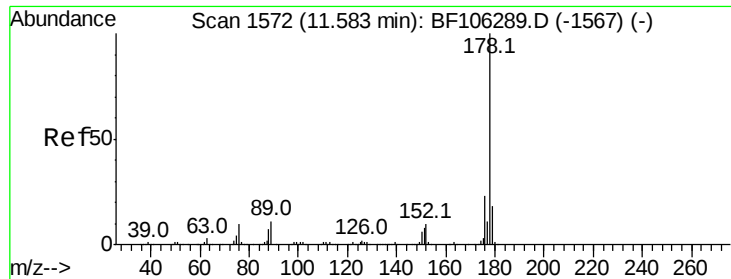
Tot Ion:266 Resp: 202082
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 63.8 49.5 74.3



#70
 Phenanthrene
 Concen: 52.370 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Tgt Ion:178 Resp: 796678
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.8 23.8
 179 16.2 13.0 19.6





#71

Anthracene

Concen: 53.961 ng

RT: 11.58 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

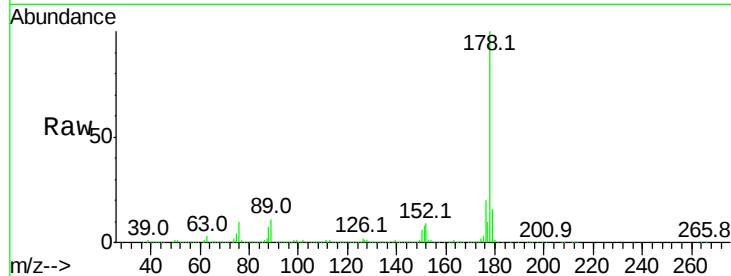
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 822372

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.2
179	16.3	12.6	19.0

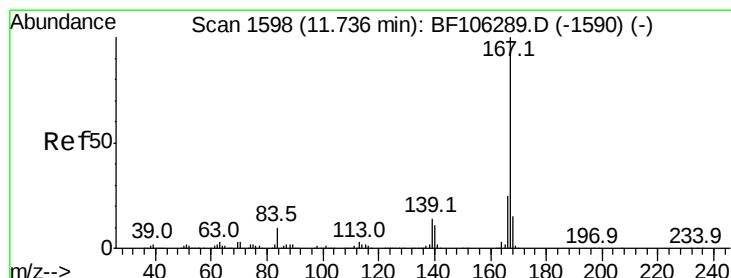
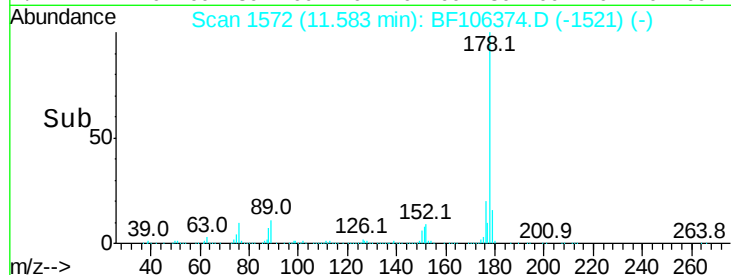
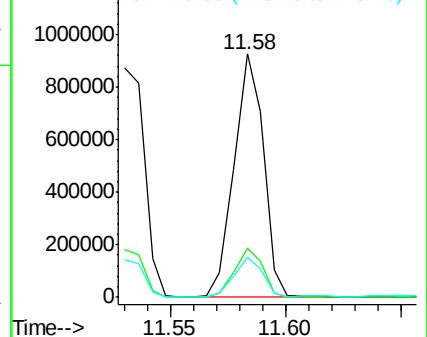


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 53.658 ng

RT: 11.74 min Scan# 1599

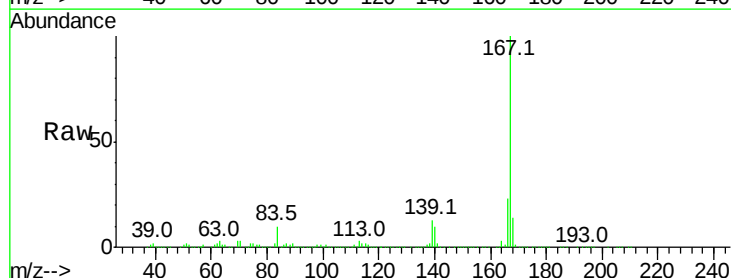
Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Tgt Ion:167 Resp: 754964

Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.6	26.4
139	13.1	10.9	16.3

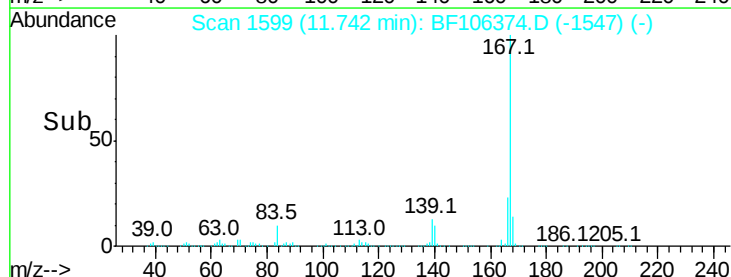
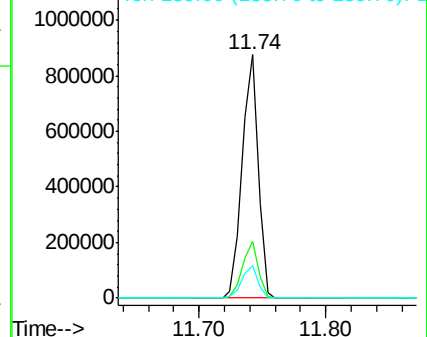


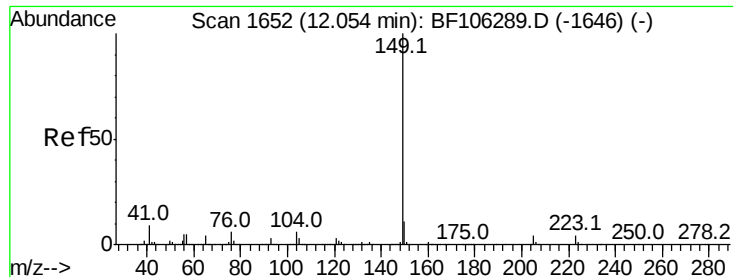
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 55.921 ng

RT: 12.06 min Scan# 1653

Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

ClientSampleId :

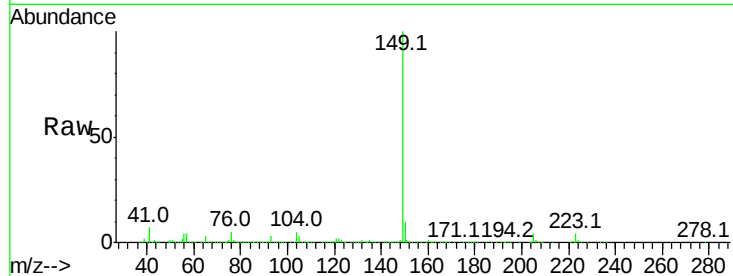
Tot Ion:149 Resp: 875671

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

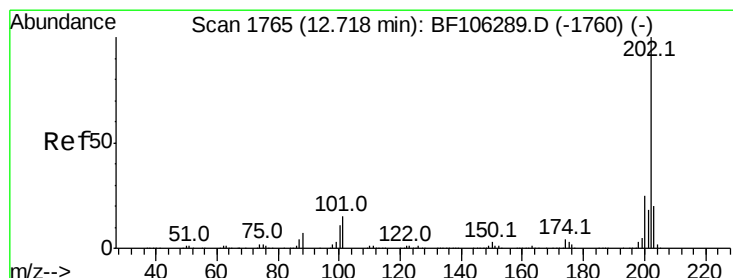
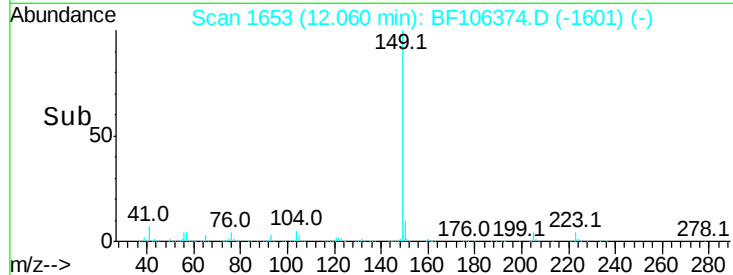
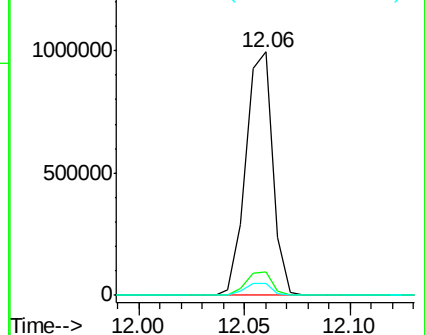
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 59.711 ng

RT: 12.72 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

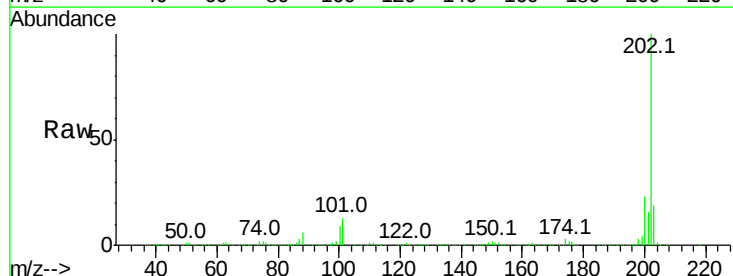
Tgt Ion:202 Resp: 968706

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

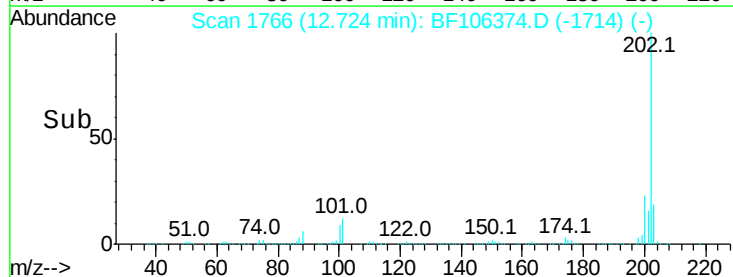
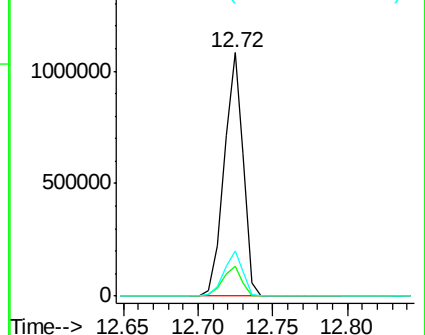
203 18.6 0.0 38.1

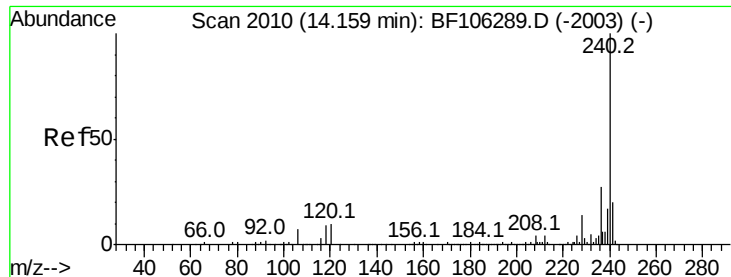


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2009

Delta R.T. -0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

ClientSampleId :

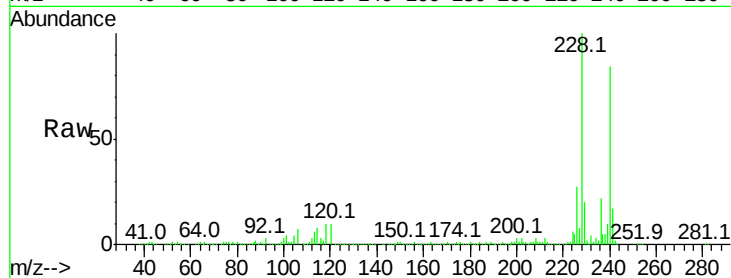
Tot Ion:240 Resp: 302504

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

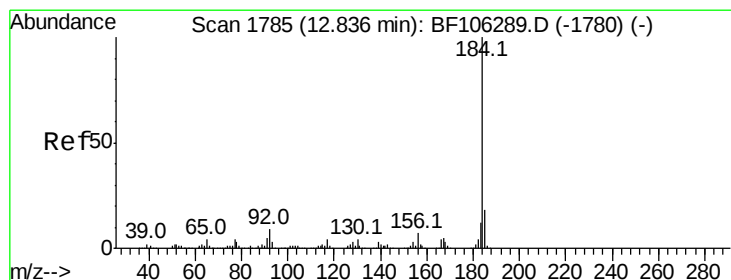
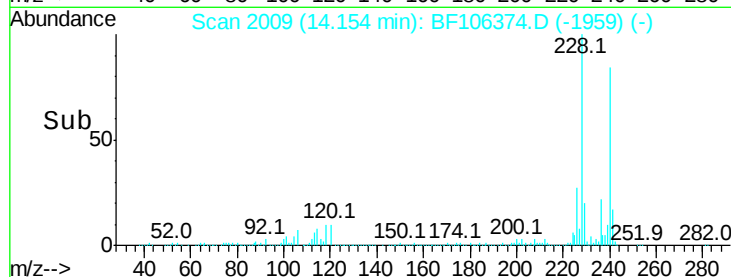
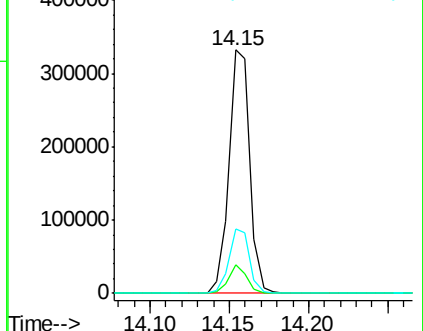
236 26.5 20.7 31.1



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: 5.877 ng

RT: 12.84 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

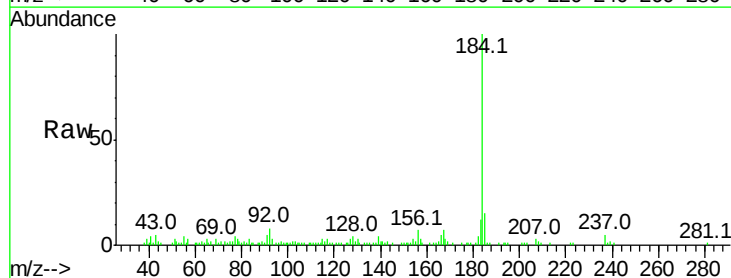
Tgt Ion:184 Resp: 59169

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

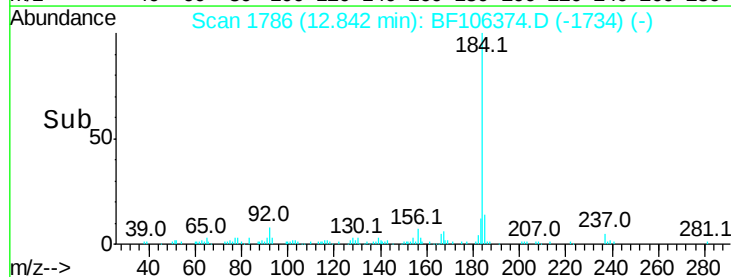
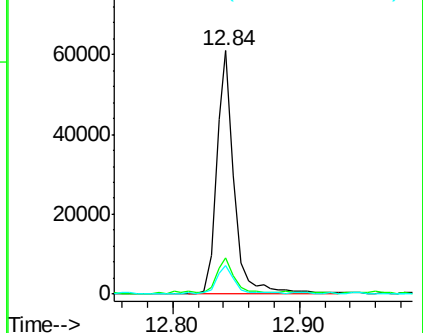
183 11.7 9.3 13.9

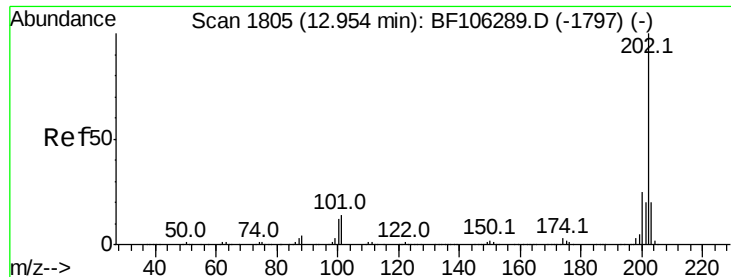


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 51.733 ng

RT: 12.95 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

ClientSampled :

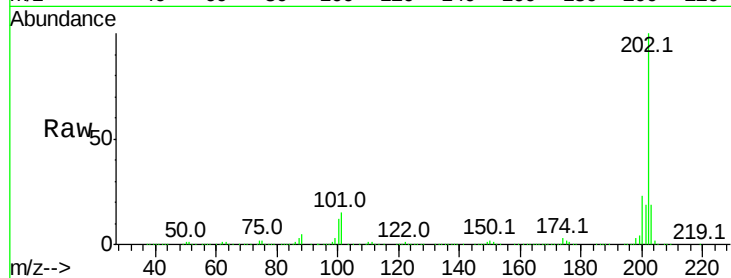
Tot Ion:202 Resp: 979757

Ion Ratio Lower Upper

202 100

200 23.2 17.4 26.2

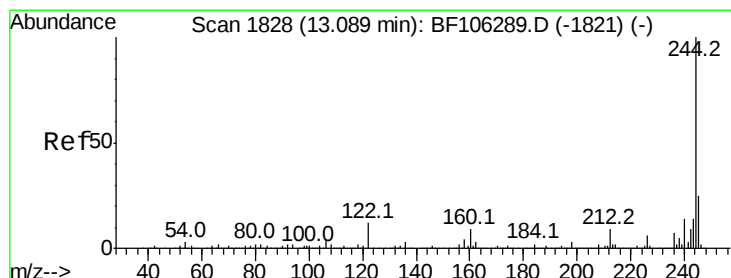
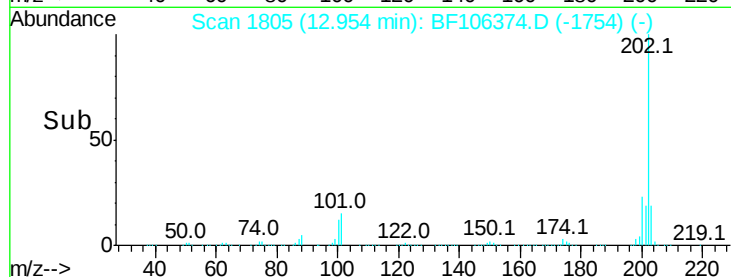
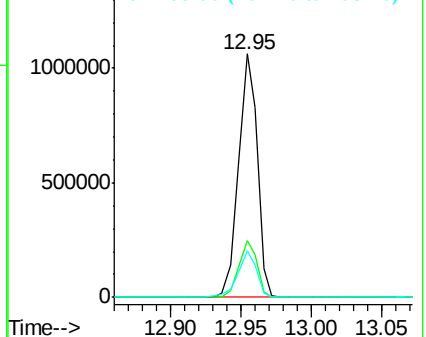
203 18.9 14.3 21.5



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: 106.139 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

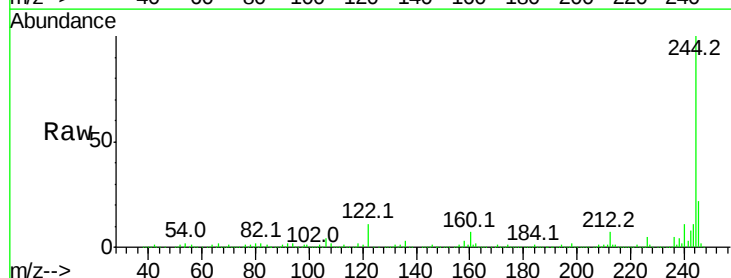
Tgt Ion:244 Resp: 1292681

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

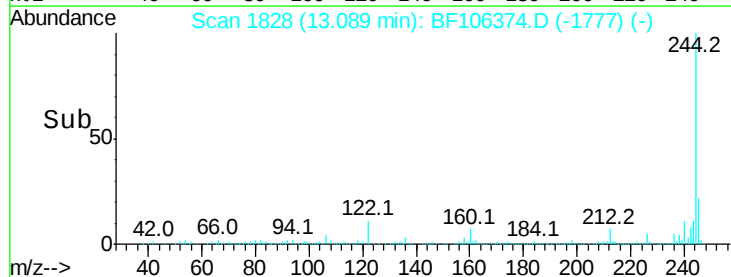
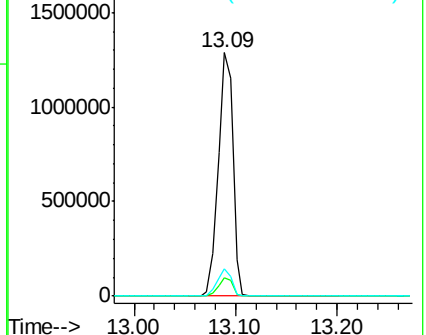
122 11.1 11.0 16.4

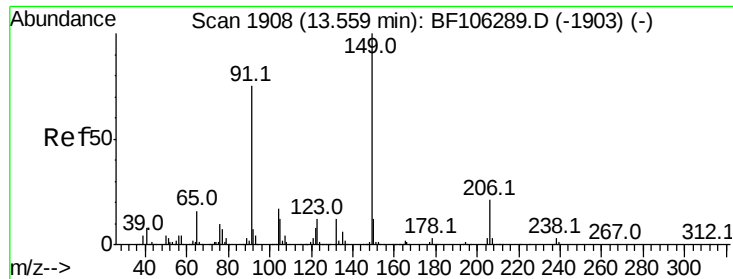


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

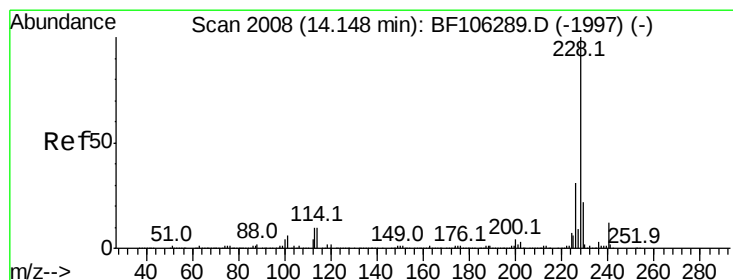
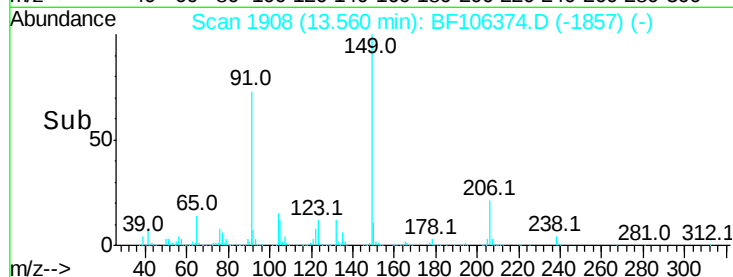
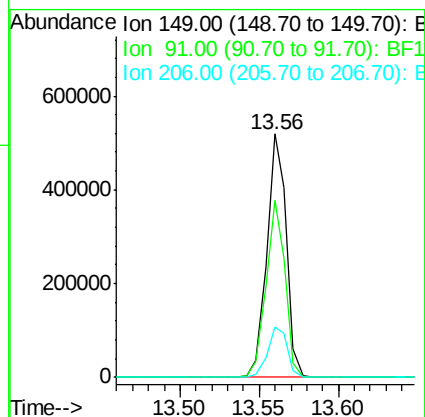
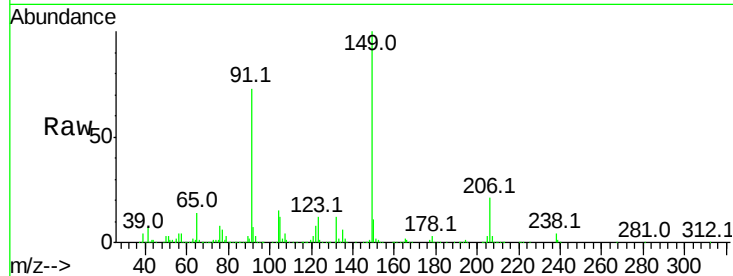




#79
Butylbenzylphthalate
Concen: 62.855 ng
RT: 13.56 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

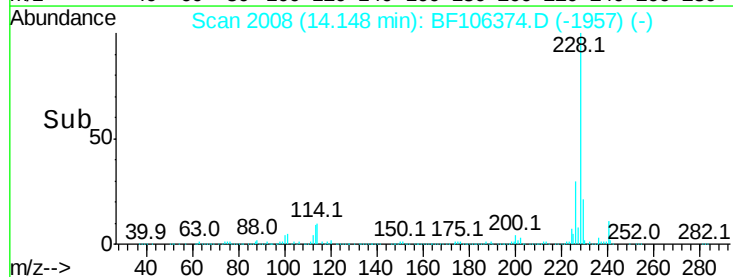
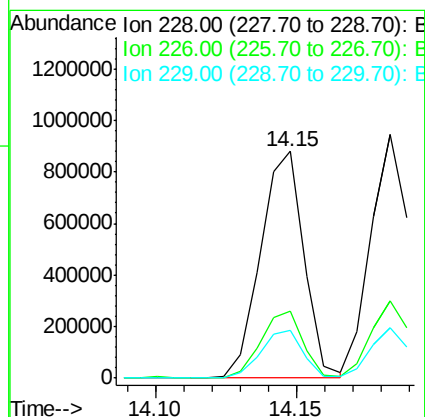
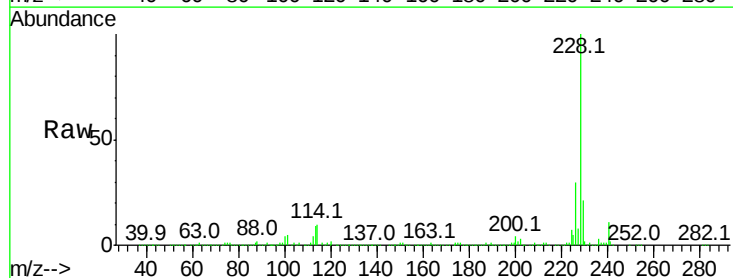
Instrument :
BNA_F
ClientSampleId :

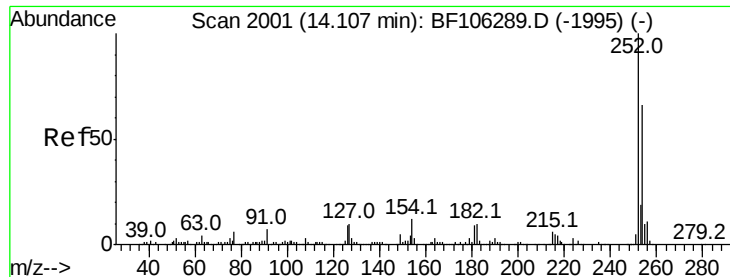
Tot Ion:149 Resp: 445588
Ion Ratio Lower Upper
149 100
91 72.6 56.8 85.2
206 20.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 51.901 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion:228 Resp: 934321
Ion Ratio Lower Upper
228 100
226 29.6 22.6 33.8
229 20.9 15.8 23.6

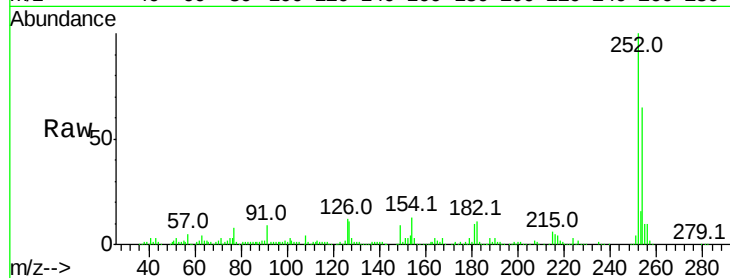




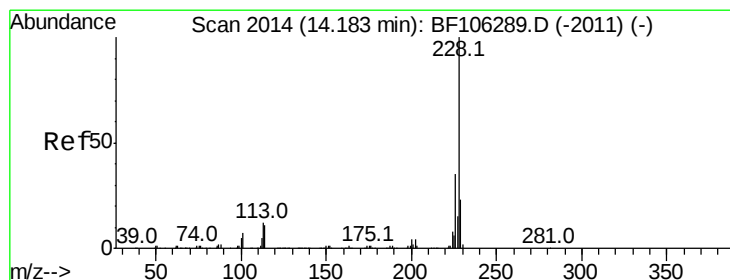
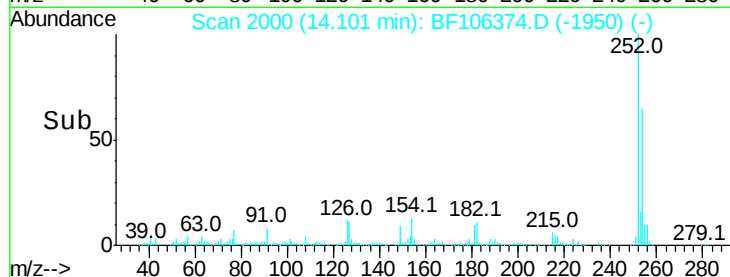
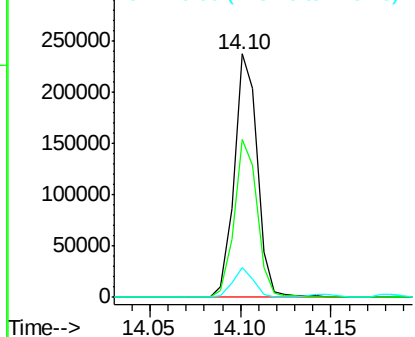
#81
 3,3'-Dichlorobenzidine
 Concen: 34.703 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 210777
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.4 75.6
 126 12.1 11.3 16.9

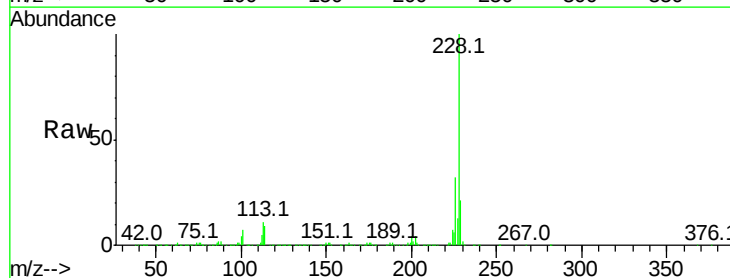


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

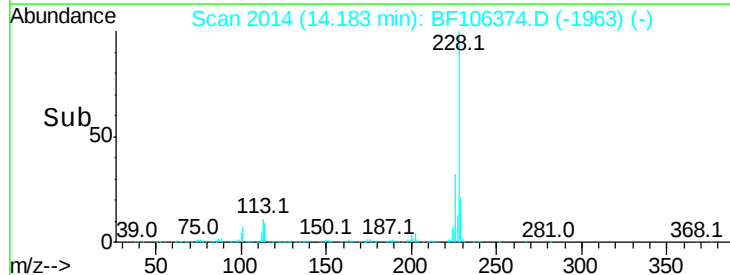
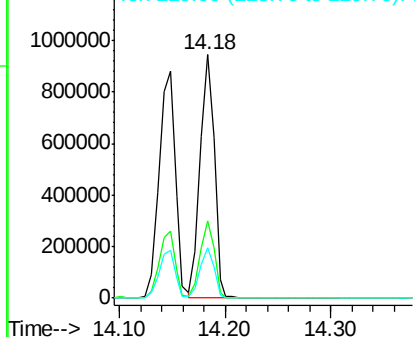


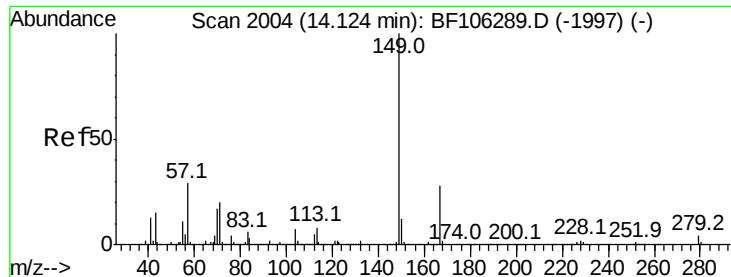
#82
 Chrysene
 Concen: 53.030 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Tgt Ion:228 Resp: 871589
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.0 37.6
 229 20.7 16.2 24.4



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

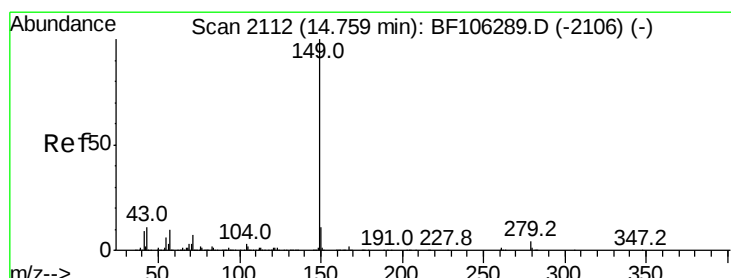
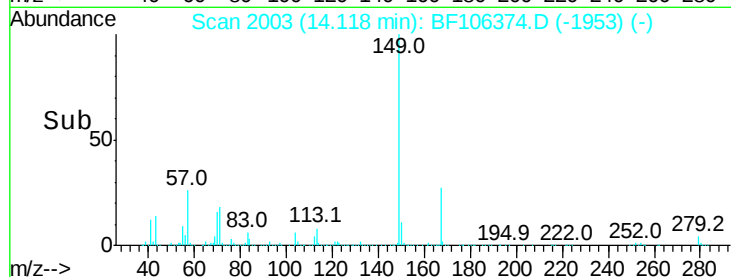
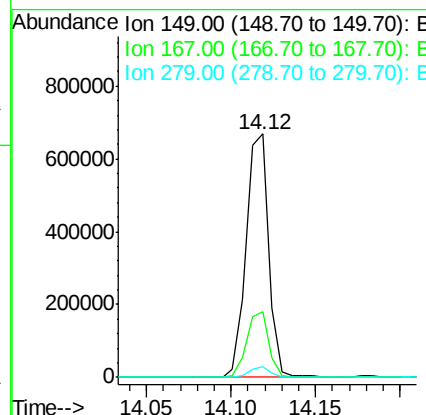
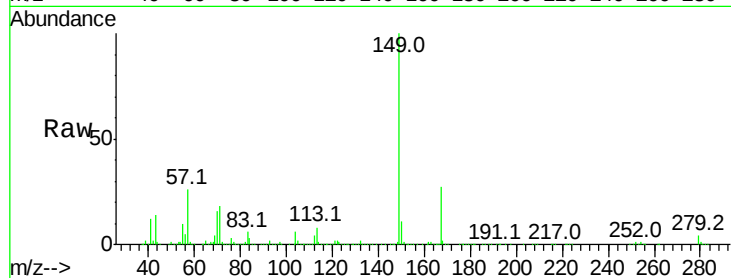




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 60.805 ng
 RT: 14.12 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

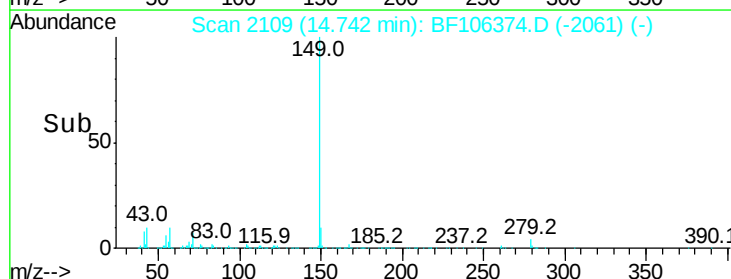
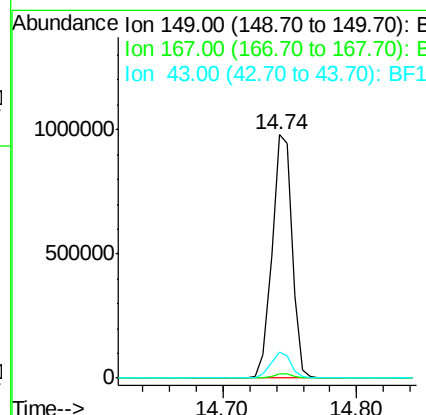
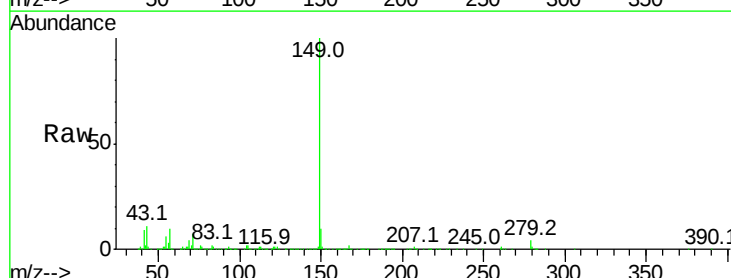
Instrument :
 BNA_F
 ClientSampleId :

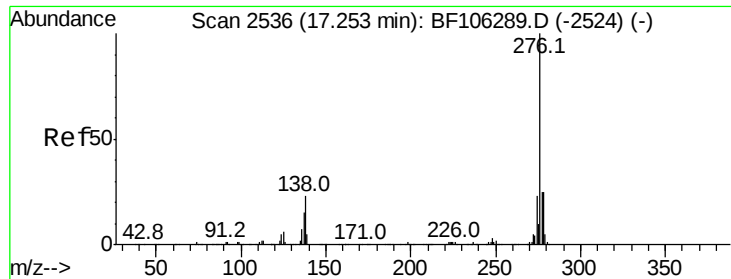
Tot Ion:149 Resp: 618063
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.3 31.9
 279 4.4 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 69.665 ng
 RT: 14.74 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Tgt Ion:149 Resp: 1020856
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.2 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.167 ng

RT: 17.26 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

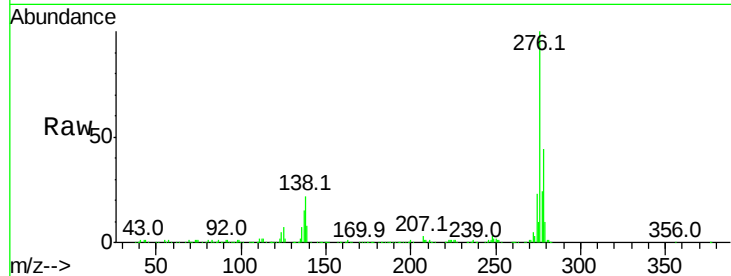
Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 658050

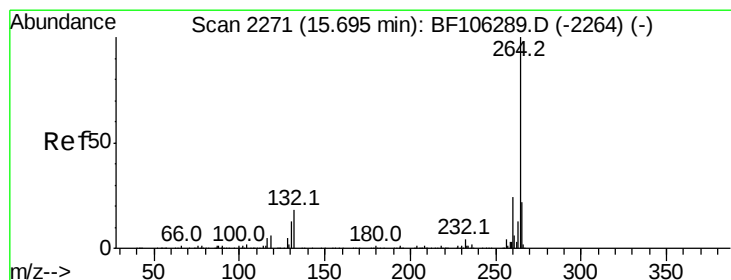
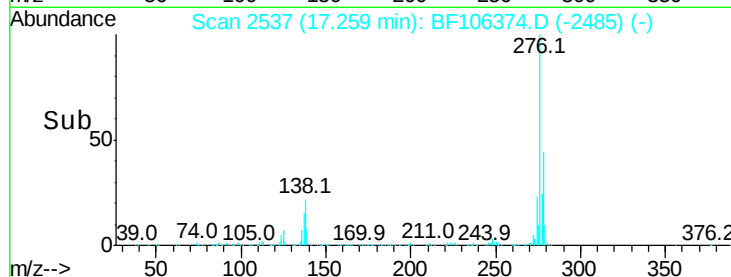
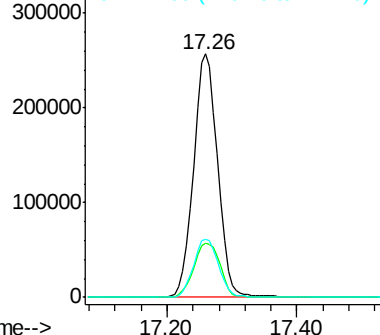
Ion	Ratio	Lower	Upper
276	100		
138	24.5	25.0	37.6#
277	24.8	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

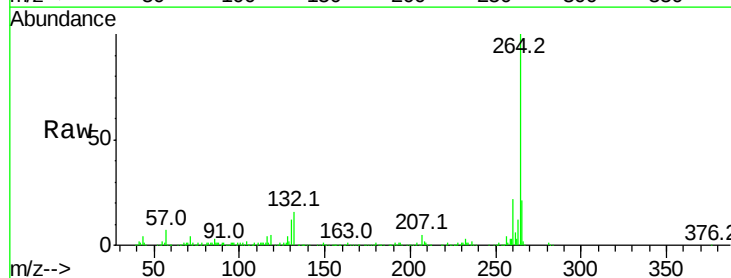
Delta R.T. -0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Tgt Ion:264 Resp: 220026

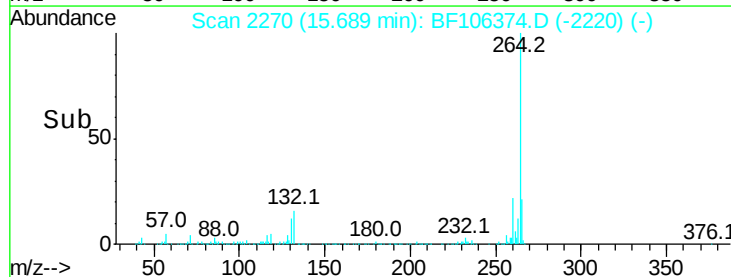
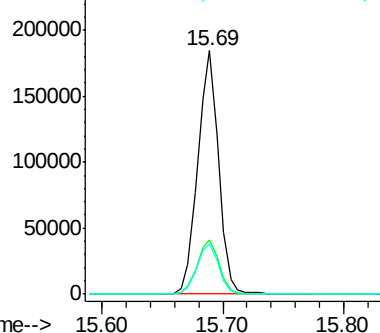
Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	20.8	17.5	26.3

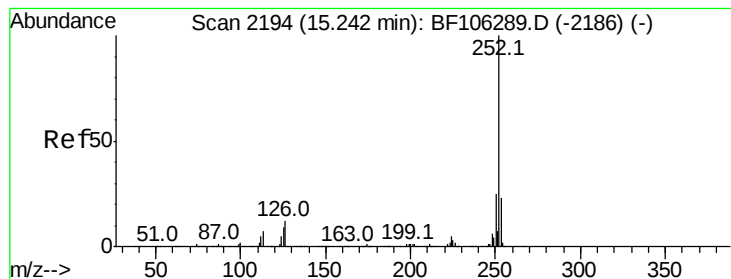


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 53.837 ng

RT: 15.27 min Scan# 2198

Delta R.T. 0.02 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

ClientSampleId :

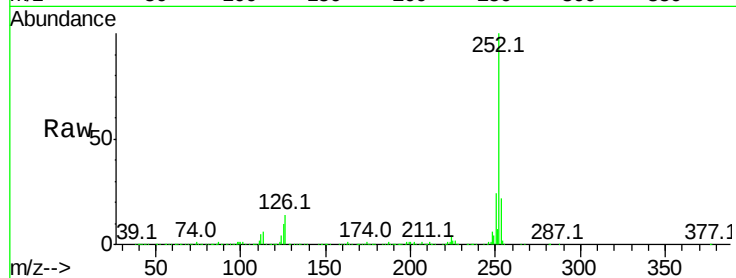
Tot Ion:252 Resp: 716052

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

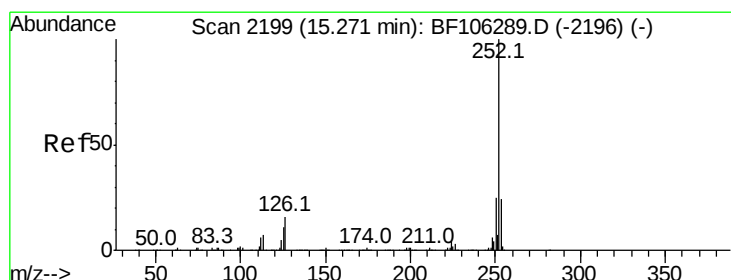
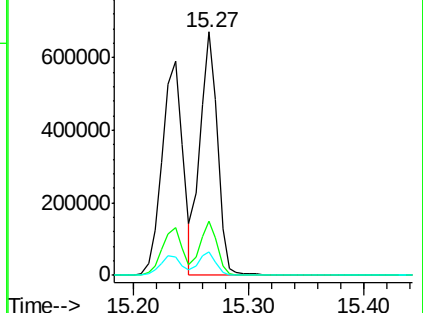
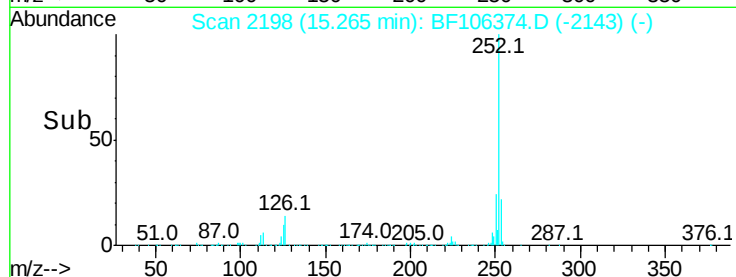
125 9.6 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 54.361 ng

RT: 15.27 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

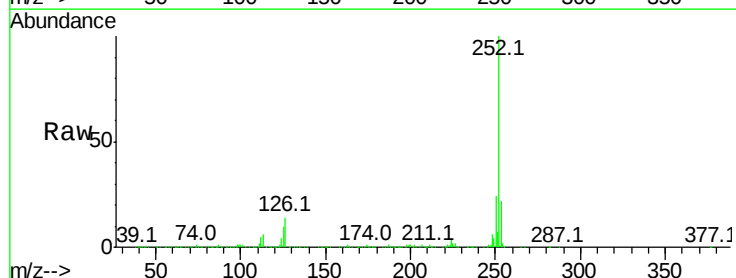
Tgt Ion:252 Resp: 716052

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

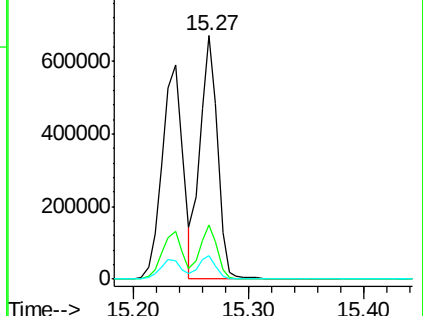
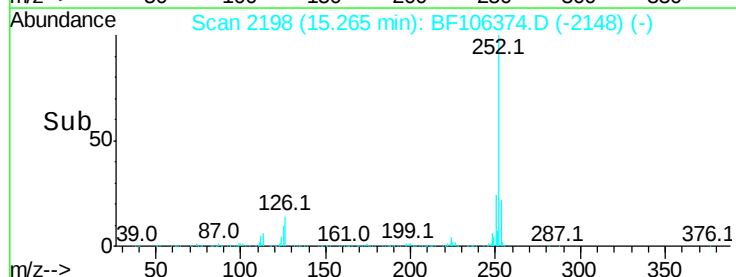
125 9.6 10.2 15.2#

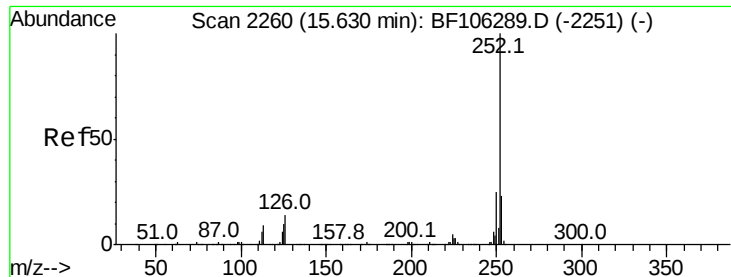


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 54.041 ng

RT: 15.62 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

ClientSampleId :

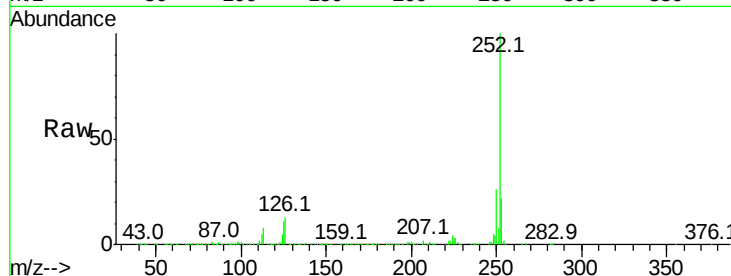
Tot Ion:252 Resp: 646496

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

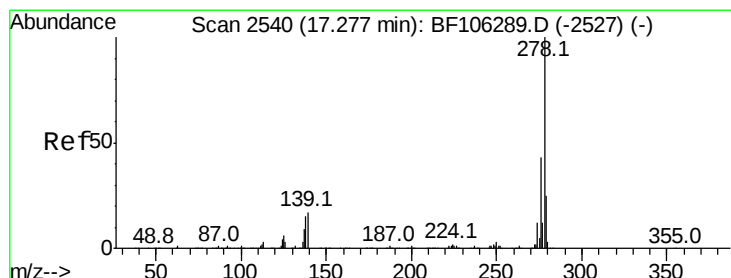
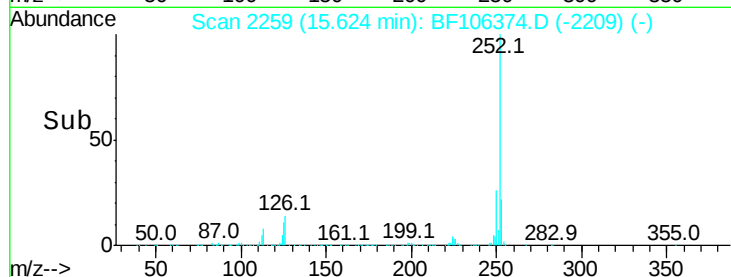
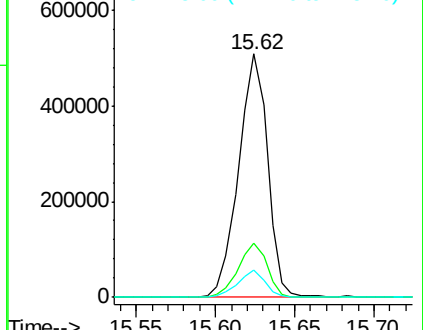
125 11.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 55.030 ng

RT: 17.28 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

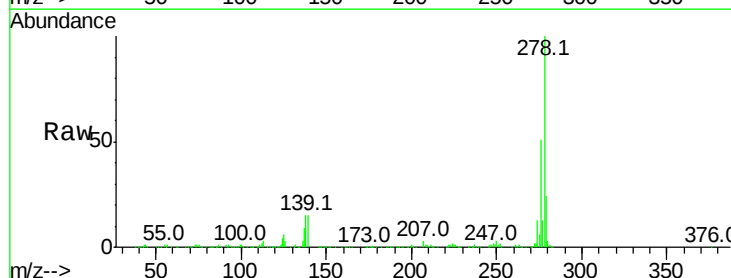
Tgt Ion:278 Resp: 548847

Ion Ratio Lower Upper

278 100

139 15.2 15.9 23.9#

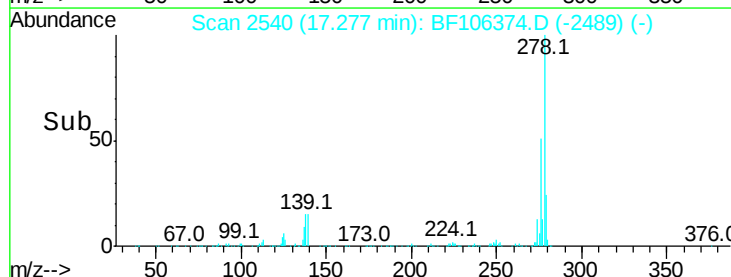
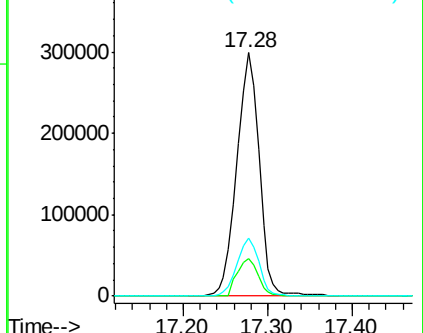
279 23.8 19.0 28.4

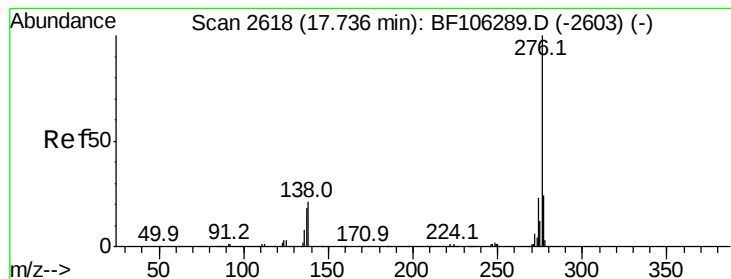


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 55.331 ng

RT: 17.74 min Scan# 2618

Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

ClientSampleId :

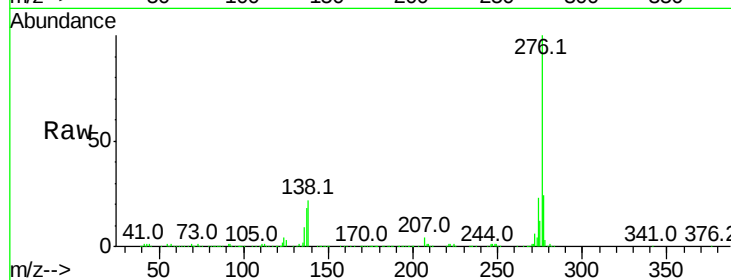
Tot Ion:276 Resp: 536303

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 21.7 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

