

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
 Data File : BF106514.D
 Acq On : 16 Jun 2018 2:03
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 16 04:16:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	94904	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	333138	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	130671	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	257013	20.00	ng	0.00
75) Chrysene-d12	14.15	240	261339	20.00	ng	0.00
86) Perylene-d12	15.68	264	187980	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	478894	85.40	ng	0.00
7) Phenol-d6	6.61	99	531334	75.00	ng	0.00
23) Nitrobenzene-d5	7.53	82	493142	87.08	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	119203	94.81	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	762950	115.76	ng	0.00
78) Terphenyl-d14	13.08	244	867612	82.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	125370	43.202	ng	96
3) Pyridine	3.57	79	325928	40.303	ng	100
4) n-Nitrosodimethylamine	3.54	42	148662	40.127	ng	98
6) Aniline	6.63	93	369328	35.702	ng	# 83
8) 2-Chlorophenol	6.76	128	234625	38.910	ng	96
9) Benzaldehyde	6.52	77	206449	38.420	ng	94
10) Phenol	6.62	94	310583	40.159	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	256995	38.817	ng	98
12) 1,3-Dichlorobenzene	6.91	146	283159	39.898	ng	98
13) 1,4-Dichlorobenzene	6.98	146	287595	39.933	ng	99
14) 1,2-Dichlorobenzene	7.14	146	262834	38.768	ng	99
15) Benzyl Alcohol	7.11	79	215692	35.552	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.24	45	277312	29.220	ng	84
17) 2-Methylphenol	7.22	107	192661	35.811	ng	96
18) Hexachloroethane	7.48	117	70159	27.340	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	167841	31.579	ng	95
20) 3+4-Methylphenols	7.38	107	231092	33.589	ng	# 69
22) Acetophenone	7.37	105	324624	38.667	ng	# 93
24) Nitrobenzene	7.55	77	251853	40.919	ng	95
25) Isophorone	7.78	82	405293	36.642	ng	98
26) 2-Nitrophenol	7.87	139	61236	25.632	ng	98
27) 2,4-Dimethylphenol	7.90	122	178529	38.126	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	287611	40.102	ng	99
29) 2,4-Dichlorophenol	8.11	162	172886	38.271	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	201852	39.851	ng	97
31) Naphthalene	8.27	128	616775	40.956	ng	99
32) Benzoic acid	8.01	122	20513	12.326	ng	98
33) 4-Chloroaniline	8.32	127	251845	37.736	ng	98
34) Hexachlorobutadiene	8.38	225	132538	40.729	ng	100
35) Caprolactam	8.68	113	52847	34.586	ng	92
36) 4-Chloro-3-methylphenol	8.81	107	170855	34.191	ng	98
37) 2-Methylnaphthalene	8.97	142	378340	36.886	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	192275	45.327	ng	# 96
42) 2,4,6-Trichlorophenol	9.24	196	117148	43.335	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

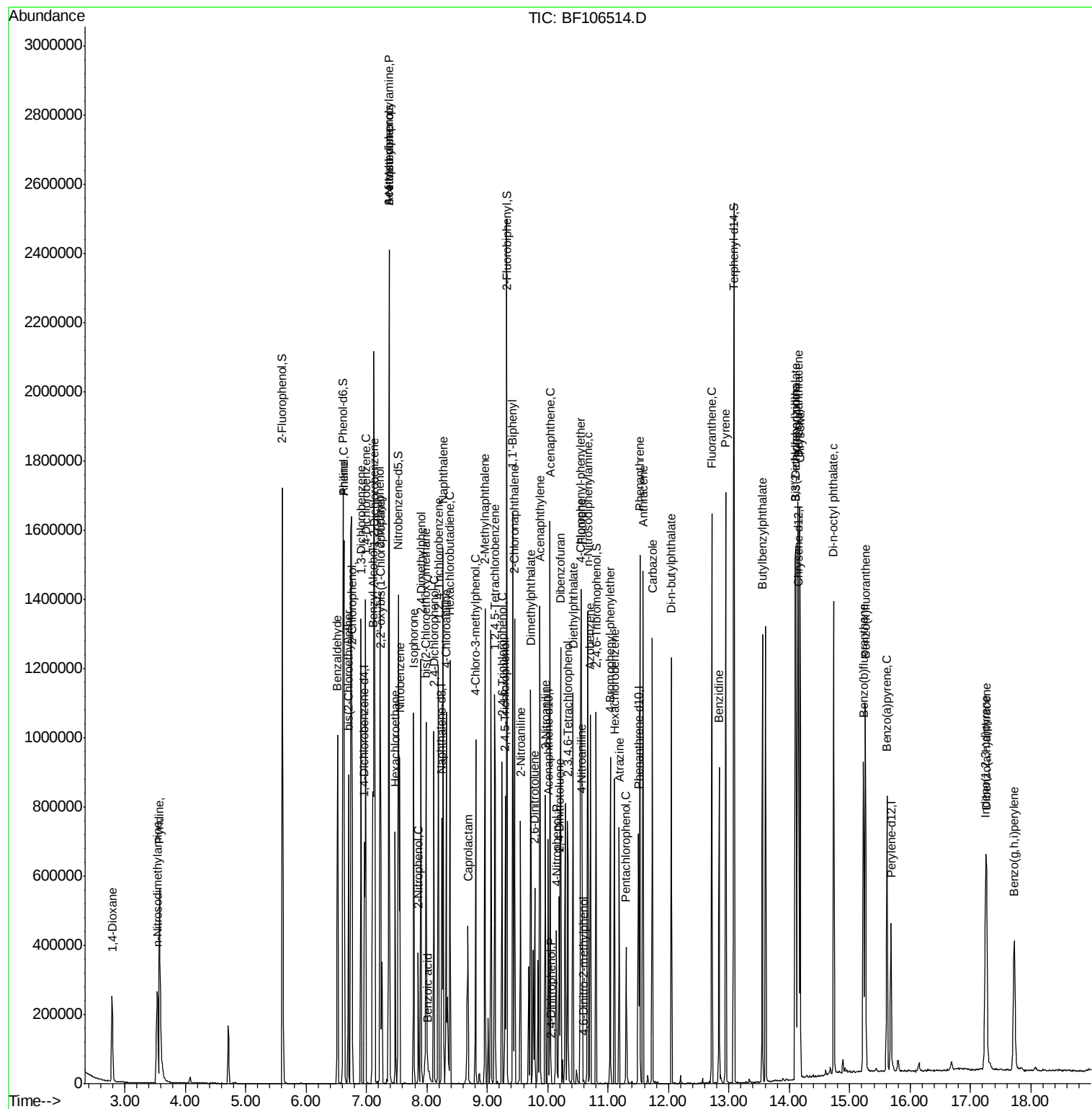
43) 2,4,5-Trichlorophenol	9.30	196	123521	42.385	ng	# 93
45) 1,1'-Biphenyl	9.42	154	450397	44.501	ng	100
46) 2-Chloronaphthalene	9.45	162	341879	42.210	ng	97
47) 2-Nitroaniline	9.55	65	121506	47.687	ng	90
48) Acenaphthylene	9.87	152	528393	42.621	ng	99
49) Dimethylphthalate	9.72	163	407482	43.648	ng	100
50) 2,6-Dinitrotoluene	9.79	165	66358	34.798	ng	91
51) Acenaphthene	10.04	154	311647	38.925	ng	99
52) 3-Nitroaniline	9.96	138	108990	48.154	ng	97
53) 2,4-Dinitrophenol	10.07	184	110	8.726	ng	# 19
54) Dibenzofuran	10.21	168	447091	41.469	ng	98
55) 4-Nitrophenol	10.14	139	58842	33.918	ng	90
56) 2,4-Dinitrotoluene	10.19	165	76564	31.972	ng	99
57) Fluorene	10.56	166	344171	40.292	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	97773	42.330	ng	# 83
59) Diethylphthalate	10.42	149	378800	40.880	ng	97
60) 4-Chlorophenyl-phenylether	10.55	204	177792	39.573	ng	# 87
61) 4-Nitroaniline	10.57	138	112137	50.923	ng	99
62) Azobenzene	10.71	77	343933	35.596	ng	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	1208	7.052	ng	99
65) n-Nitrosodiphenylamine	10.67	169	332032	38.439	ng	94
66) 4-Bromophenyl-phenylether	11.04	248	114687	39.233	ng	# 84
67) Hexachlorobenzene	11.11	284	123100	40.847	ng	# 85
68) Atrazine	11.18	200	83813	31.486	ng	98
69) Pentachlorophenol	11.30	266	44124	23.781	ng	98
70) Phenanthrene	11.52	178	520990	41.391	ng	99
71) Anthracene	11.58	178	529594	41.999	ng	99
72) Carbazole	11.73	167	495967	42.603	ng	100
73) Di-n-butylphthalate	12.05	149	542937	41.905	ng	100
74) Fluoranthene	12.72	202	625601	46.606	ng	97
76) Benzidine	12.84	184	342744	39.406	ng	99
77) Pyrene	12.95	202	655072	40.038	ng	98
79) Butylbenzylphthalate	13.55	149	267119	43.615	ng	# 97
80) Benzo(a)anthracene	14.14	228	615070	39.549	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	237385	45.240	ng	# 95
82) Chrysene	14.18	228	566933	39.927	ng	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	354654	40.387	ng	# 99
84) Di-n-octyl phthalate	14.74	149	617505	48.777	ng	100
85) Indeno(1,2,3-cd)pyrene	17.25	276	393113	34.690	ng	# 93
87) Benzo(b)fluoranthene	15.23	252	462528	40.704	ng	# 97
88) Benzo(k)fluoranthene	15.26	252	459062	40.792	ng	# 96
89) Benzo(a)pyrene	15.62	252	403333	39.462	ng	97
90) Dibenzo(a,h)anthracene	17.27	278	334847	39.297	ng	# 95
91) Benzo(g,h,i)perylene	17.72	276	328507	39.670	ng	# 92

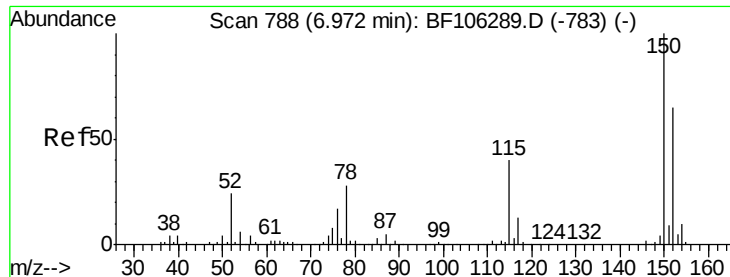
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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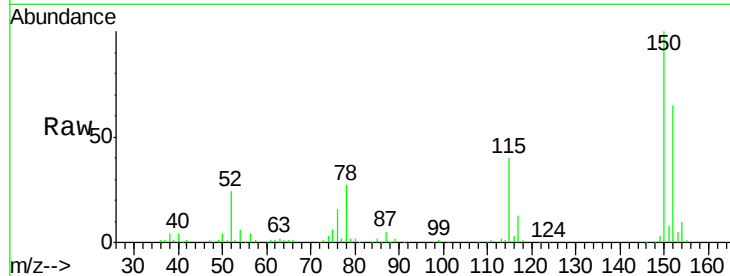


#1

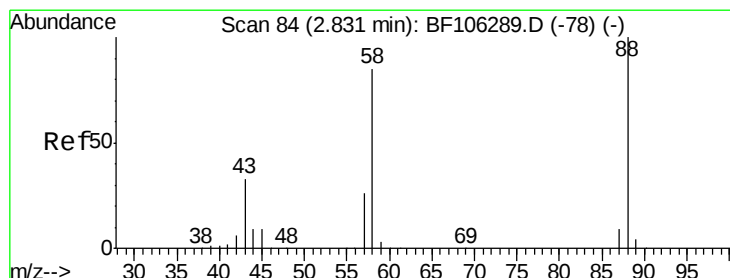
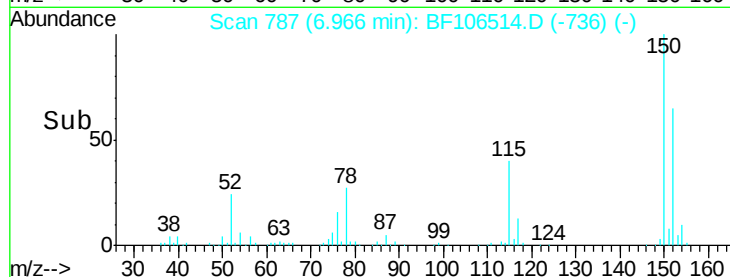
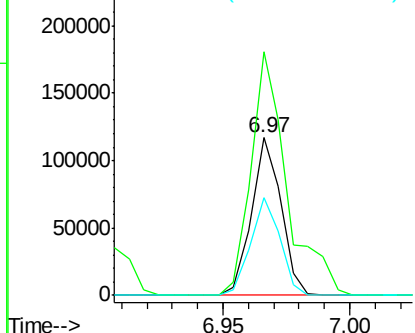
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 152 Resp: 94904
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 62.4 50.1 75.1



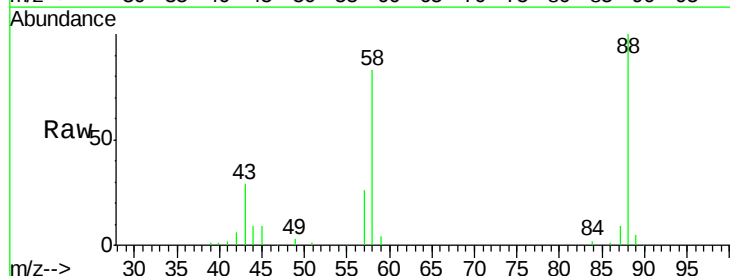
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



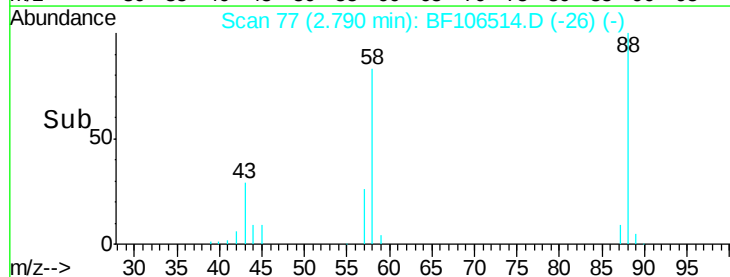
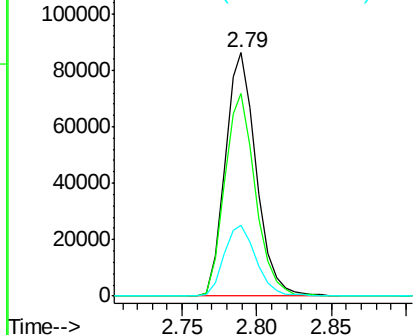
#2

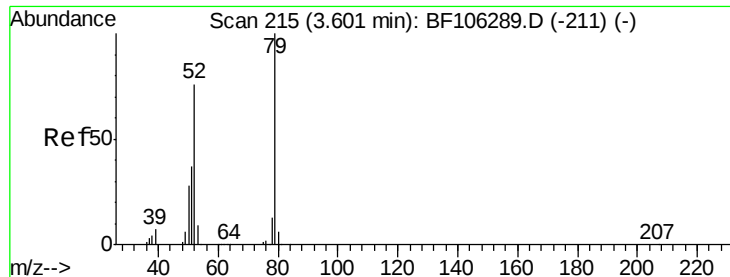
1,4-Dioxane
Concen: 43.202 ng
RT: 2.79 min Scan# 77
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Tgt Ion: 88 Resp: 125370
Ion Ratio Lower Upper
88 100
58 82.4 62.6 93.8
43 30.0 24.6 37.0



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





#3

Pyridine

Concen: 40.303 ng

RT: 3.57 min Scan# 210

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

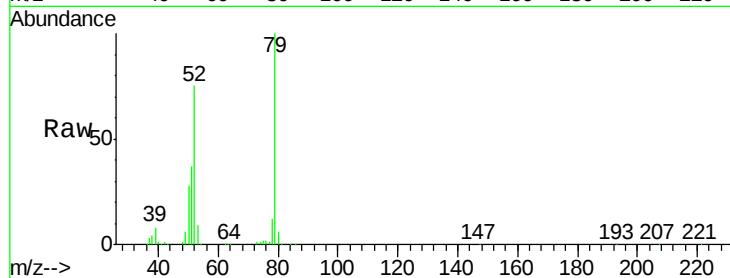
Tgt Ion: 79 Resp: 325928

Ion Ratio Lower Upper

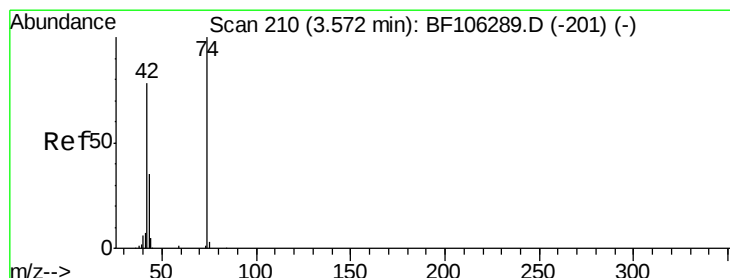
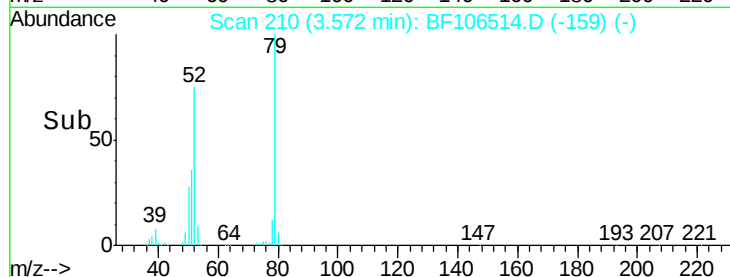
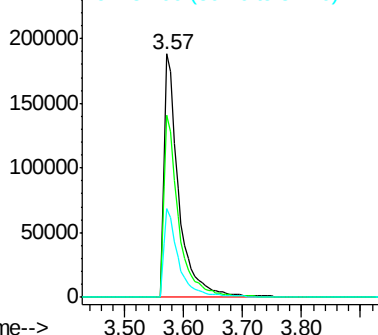
79 100

52 74.8 59.8 89.6

51 36.5 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: 40.127 ng

RT: 3.54 min Scan# 204

Delta R.T. -0.01 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

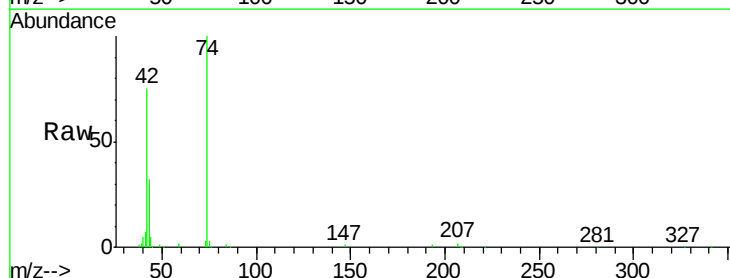
Tgt Ion: 42 Resp: 148662

Ion Ratio Lower Upper

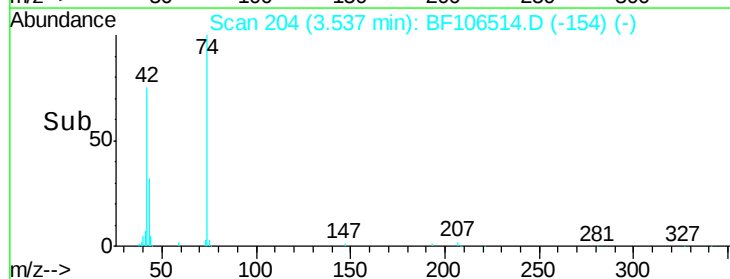
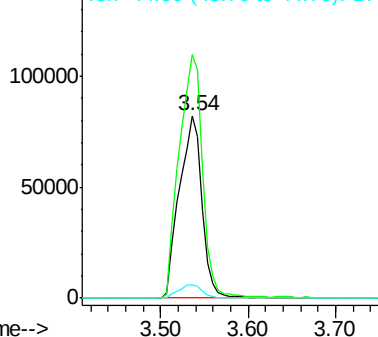
42 100

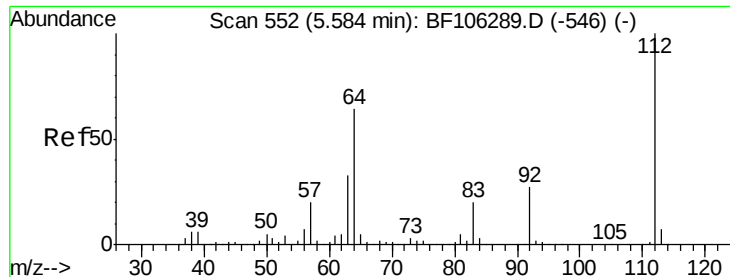
74 133.5 104.9 157.3

44 7.1 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: 85.405 ng

RT: 5.61 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

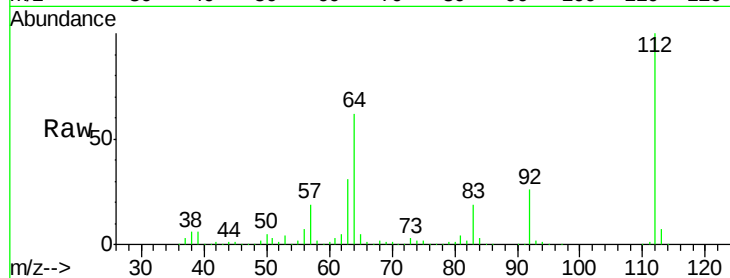
Instrument :

BNA_F

ClientSampleId :

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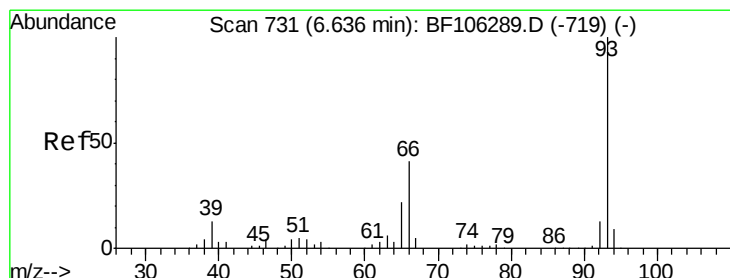
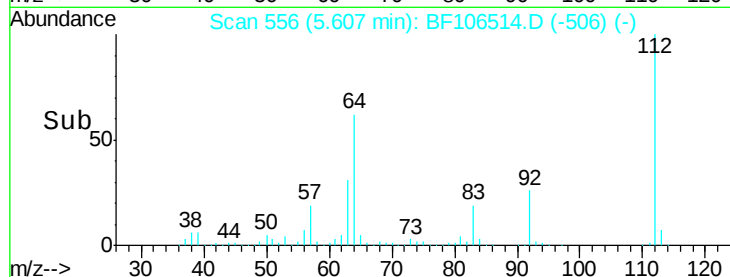
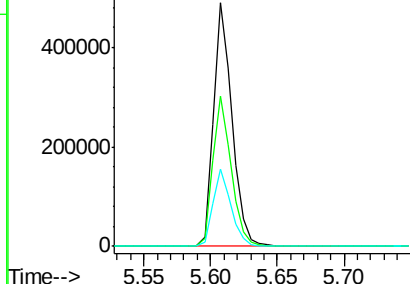
Tgt Ion:	112	Resp:	478894
Ion	Ratio	Lower	Upper
112	100		
64	61.9	47.9	71.9
63	31.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.702 ng

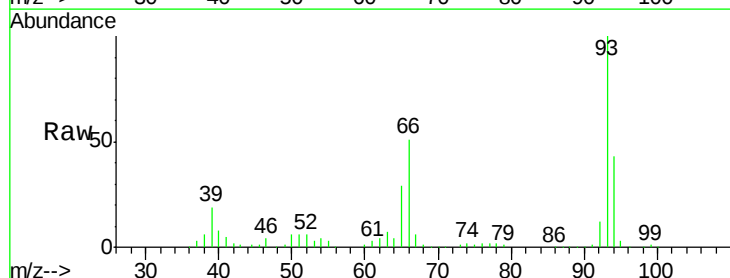
RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

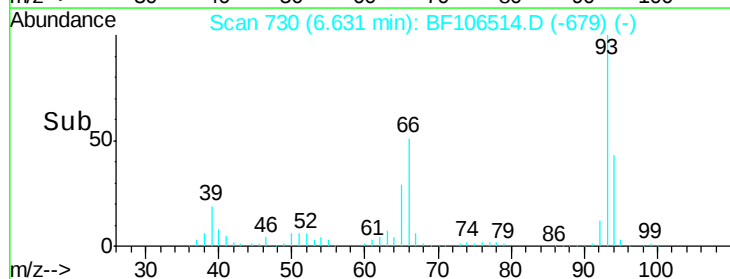
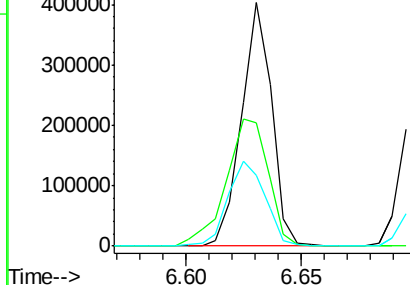
Tgt Ion:	93	Resp:	369328
Ion	Ratio	Lower	Upper
93	100		
66	50.6	32.2	48.2#
65	29.3	16.4	24.6#

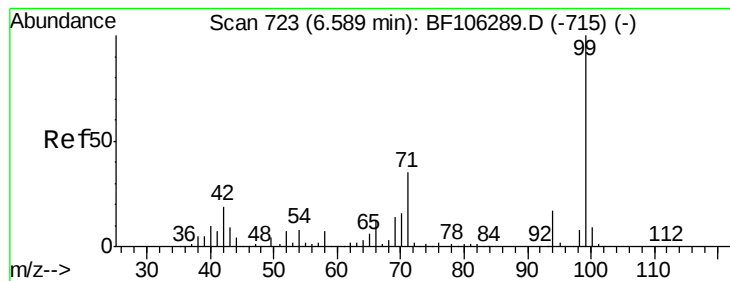


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.001 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

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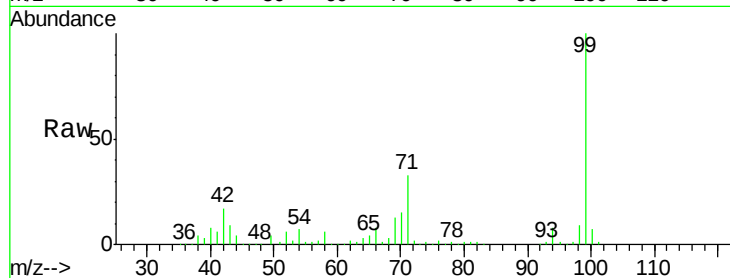
Tgt Ion: 99 Resp: 531334

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

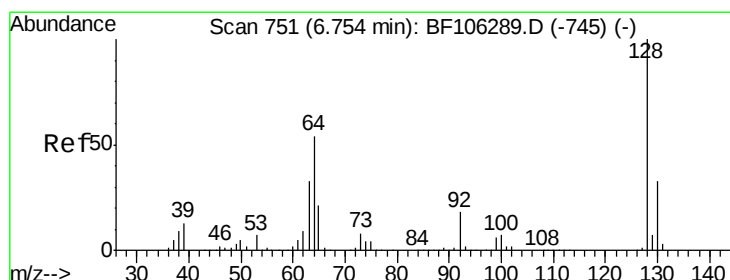
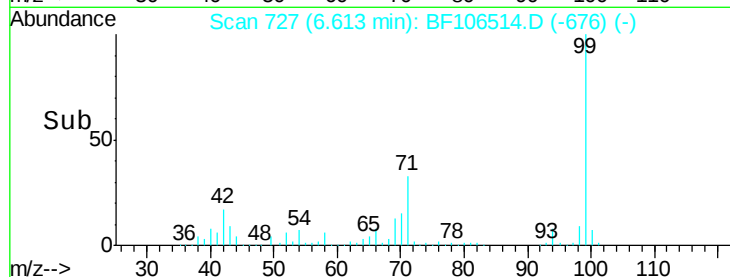
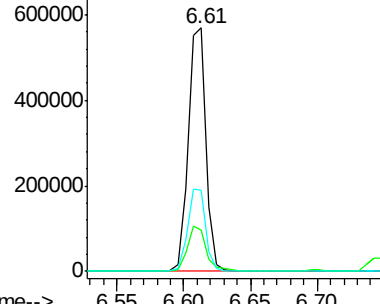
71 33.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.910 ng

RT: 6.76 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

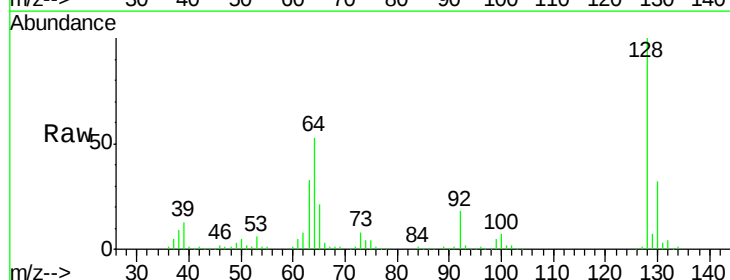
Tgt Ion: 128 Resp: 234625

Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

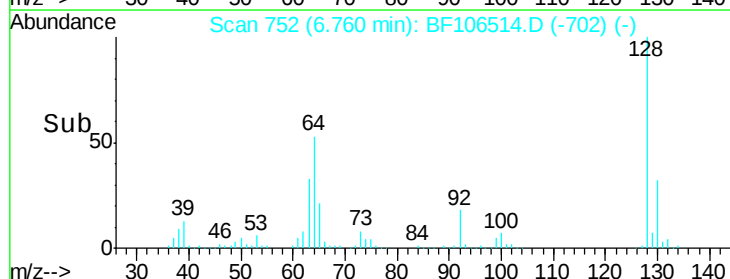
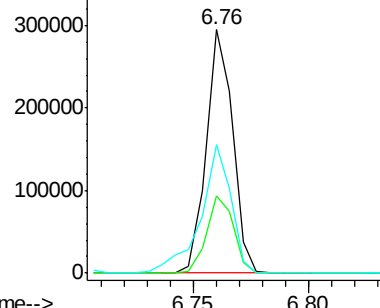
64 52.9 29.4 69.4

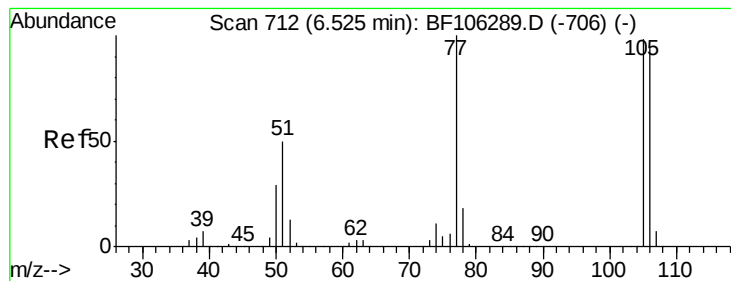


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.420 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

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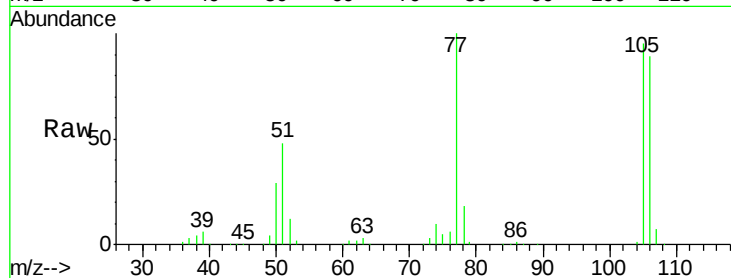
Tgt Ion: 77 Resp: 206449

Ion Ratio Lower Upper

77 100

105 95.4 81.1 121.1

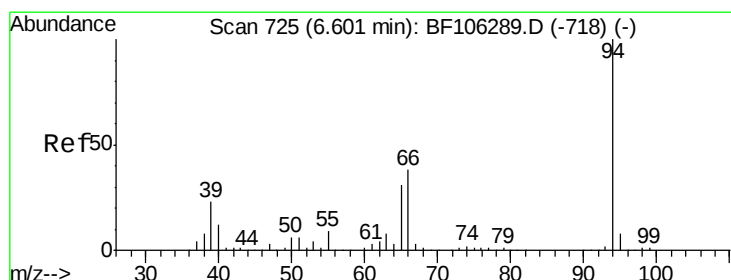
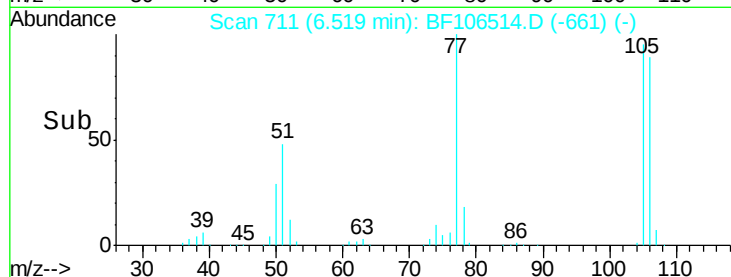
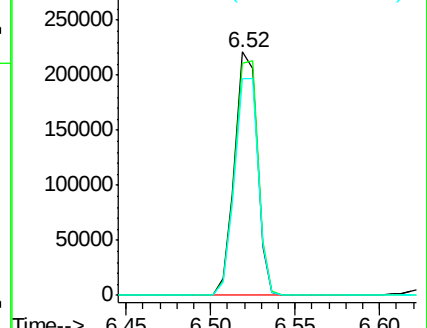
106 89.0 74.5 114.5



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: 40.159 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

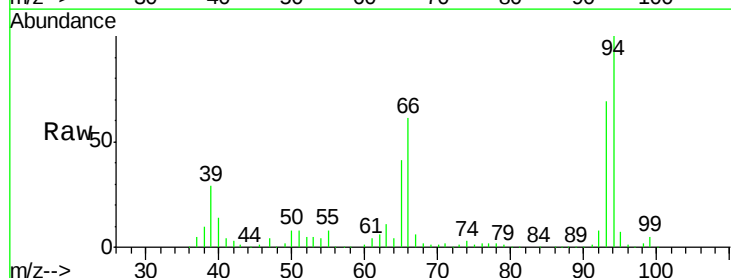
Tgt Ion: 94 Resp: 310583

Ion Ratio Lower Upper

94 100

65 41.1 7.9 47.9

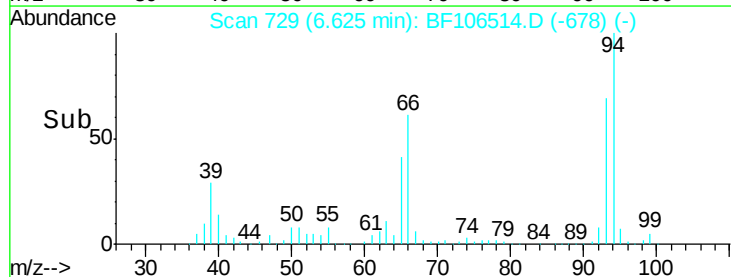
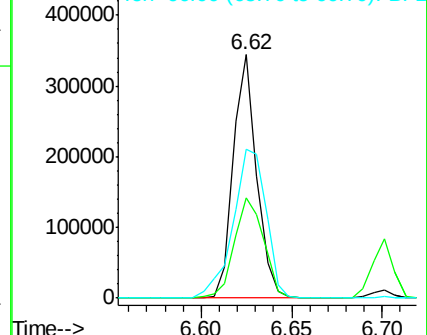
66 61.1 16.2 56.2#

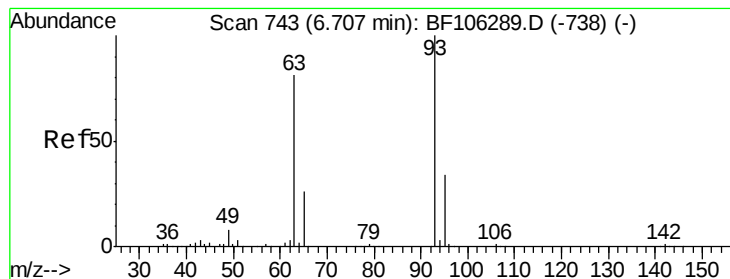


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



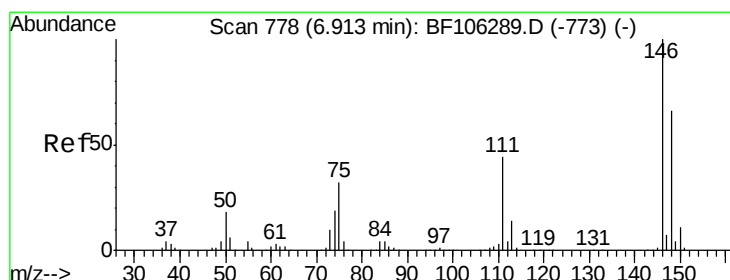
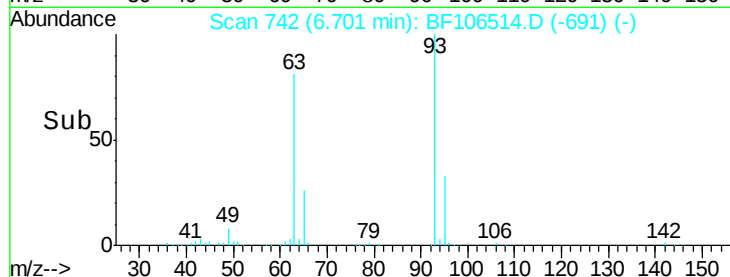
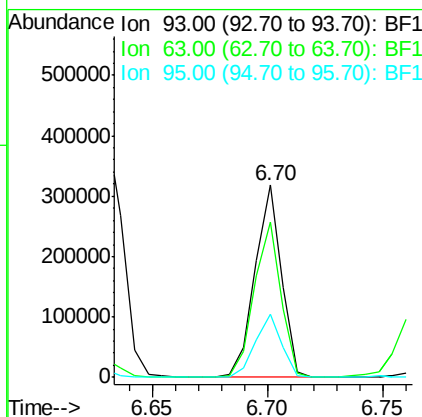
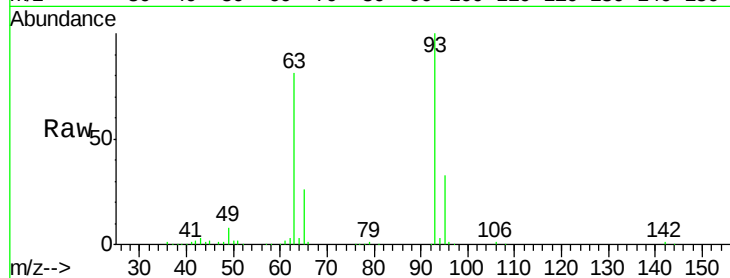


#11

bis(2-Chloroethyl)ether
 Concen: 38.817 ng
 RT: 6.70 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF106514.D
 Acq: 16 Jun 2018 2:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

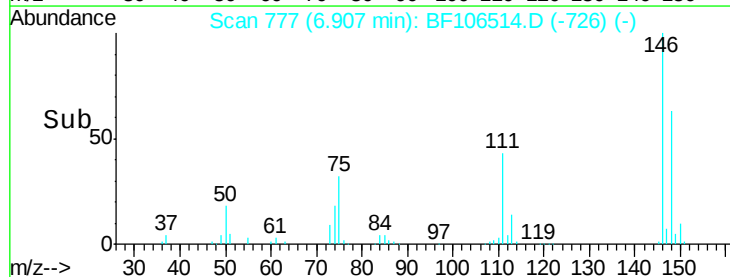
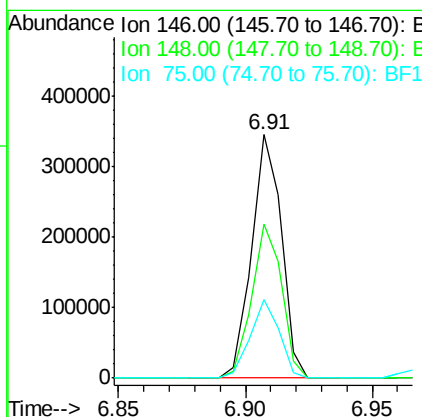
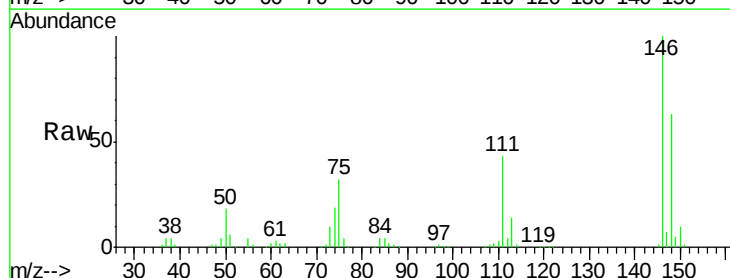
Tgt Ion: 93 Resp: 256995
 Ion Ratio Lower Upper
 93 100
 63 80.8 58.6 98.6
 95 32.6 11.8 51.8

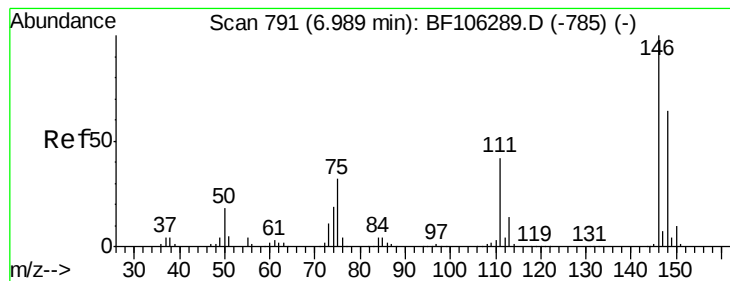


#12

1,3-Dichlorobenzene
 Concen: 39.898 ng
 RT: 6.91 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF106514.D
 Acq: 16 Jun 2018 2:03

Tgt Ion: 146 Resp: 283159
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.8 77.8
 75 32.4 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.933 ng

RT: 6.98 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

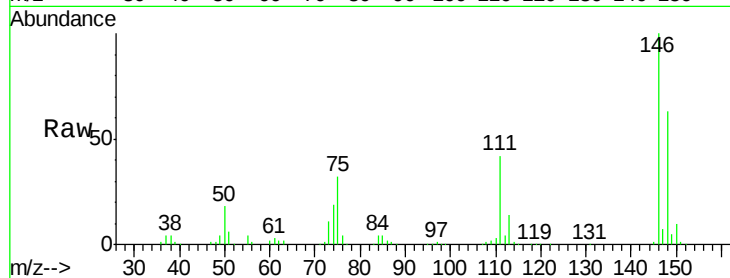
Tgt Ion:146 Resp: 287595

Ion Ratio Lower Upper

146 100

148 62.5 50.8 76.2

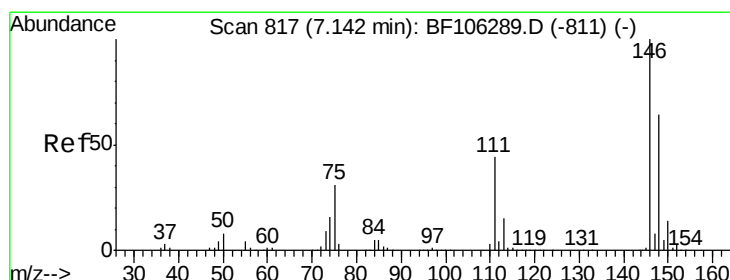
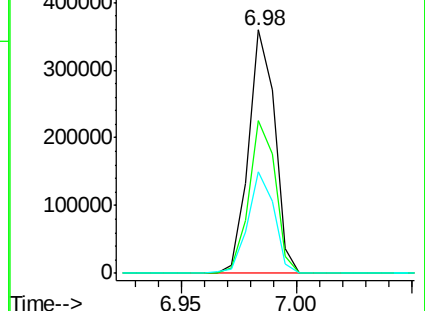
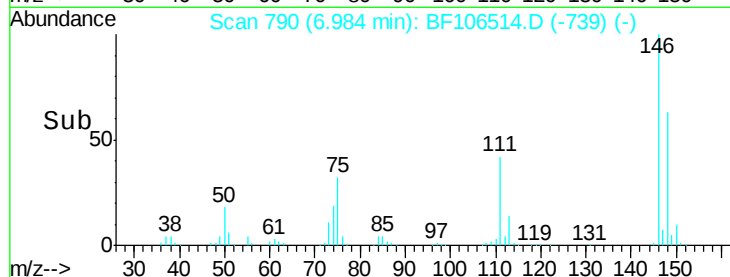
111 42.0 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.768 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

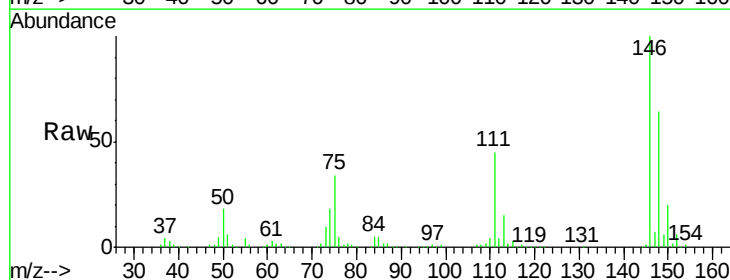
Tgt Ion:146 Resp: 262834

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

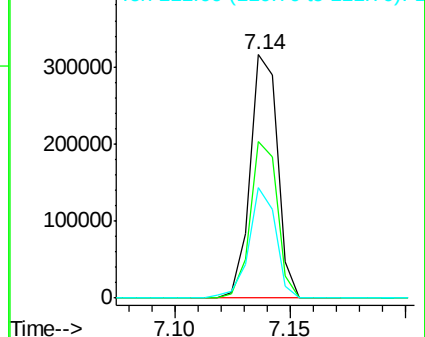
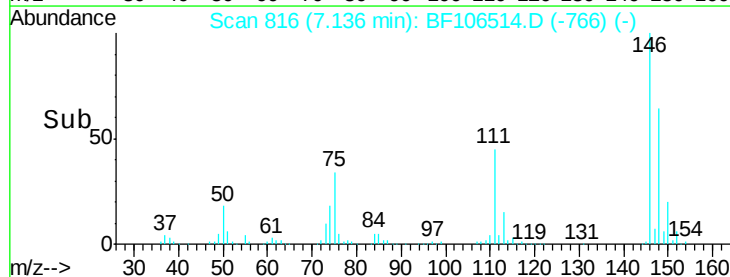
111 45.2 36.0 54.0

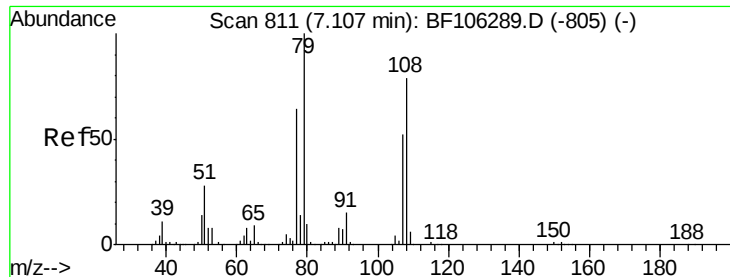


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.552 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

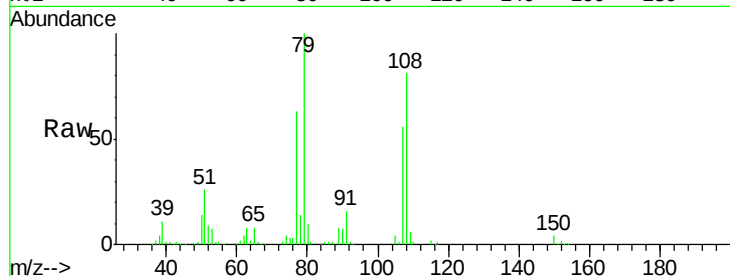
Tgt Ion: 79 Resp: 215692

Ion Ratio Lower Upper

79 100

108 81.5 65.1 97.7

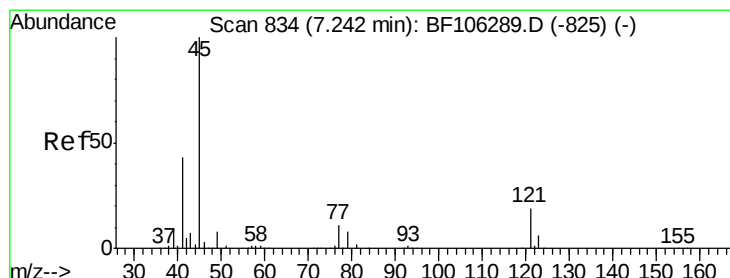
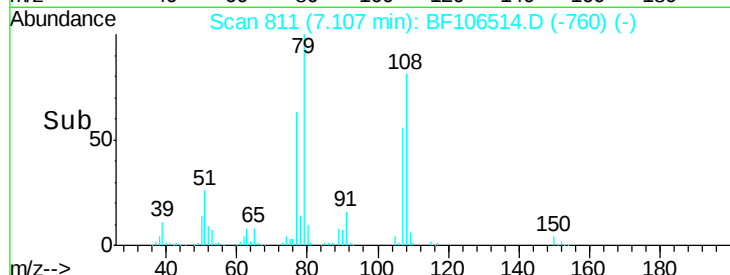
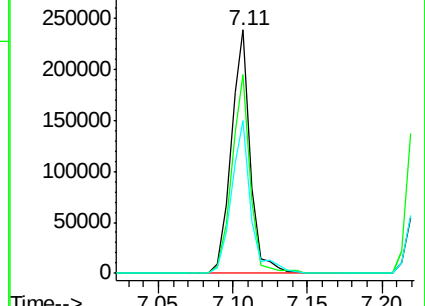
77 62.5 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.220 ng

RT: 7.24 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

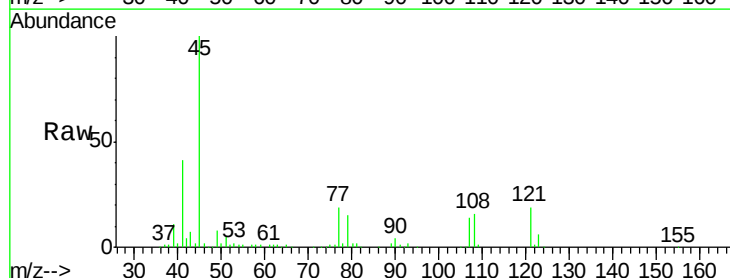
Tgt Ion: 45 Resp: 277312

Ion Ratio Lower Upper

45 100

77 19.4 0.0 32.9

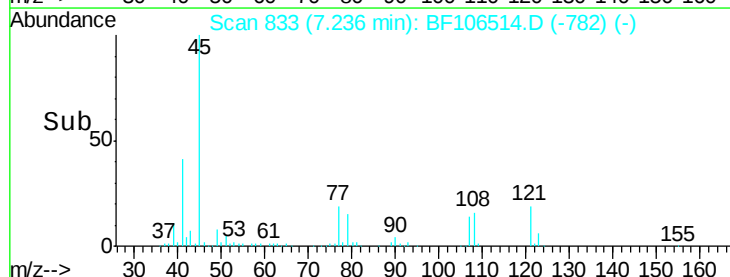
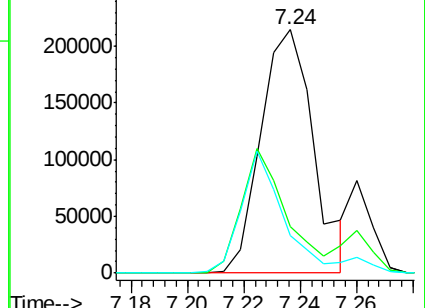
79 15.3 0.0 29.6

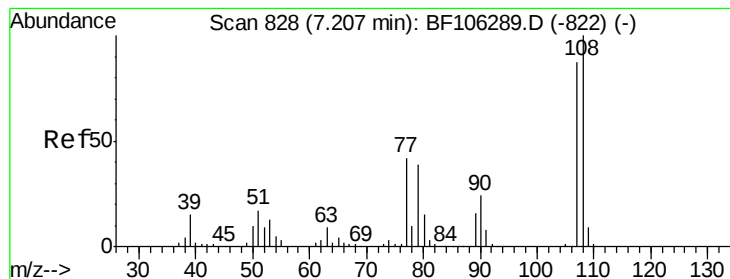


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 35.811 ng

RT: 7.22 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 192661

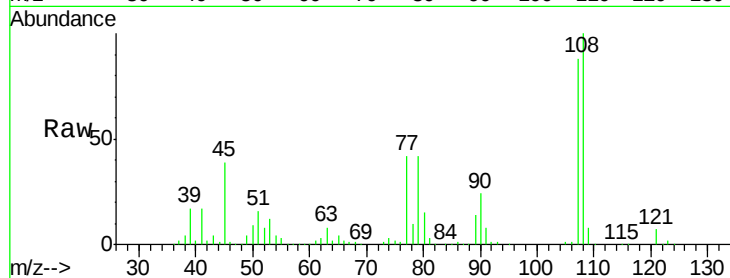
Ion Ratio Lower Upper

107 100

108 113.1 91.7 137.5

77 47.9 33.8 50.8

79 47.0 33.8 50.8

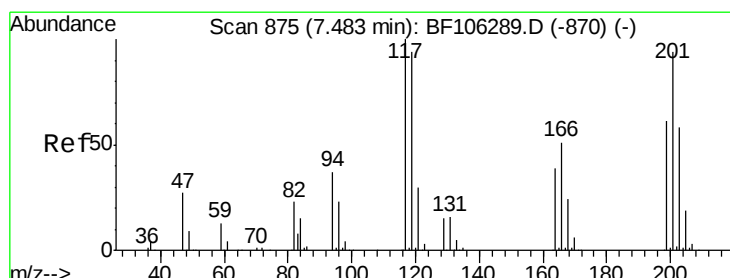
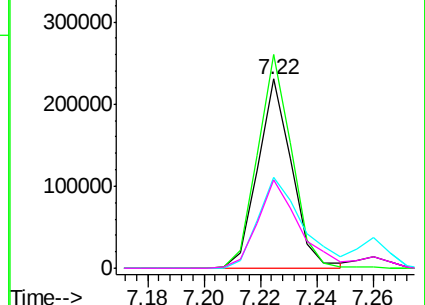
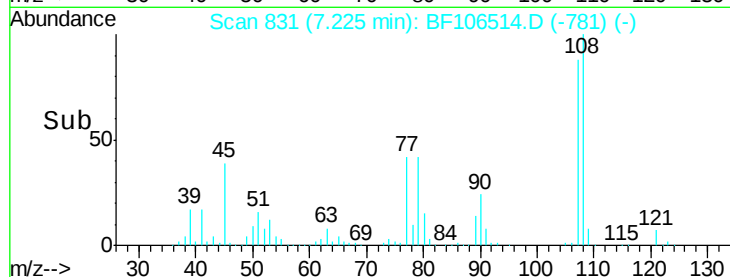


Abundance Ion 107.00 (106.70 to 107.70): E

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: 27.340 ng

RT: 7.48 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

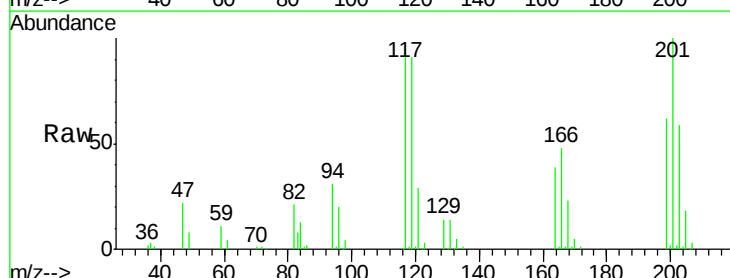
Tgt Ion:117 Resp: 70159

Ion Ratio Lower Upper

117 100

119 95.8 75.8 113.8

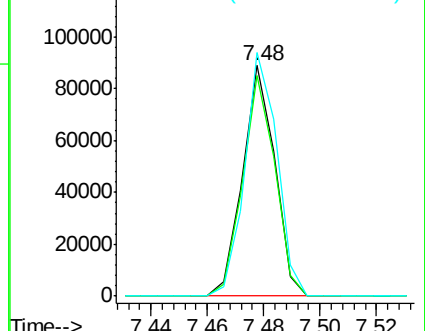
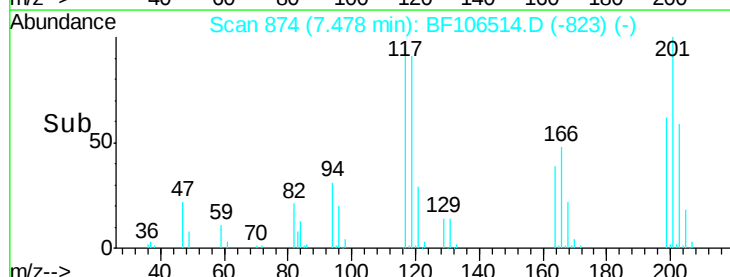
201 105.6 75.7 113.5

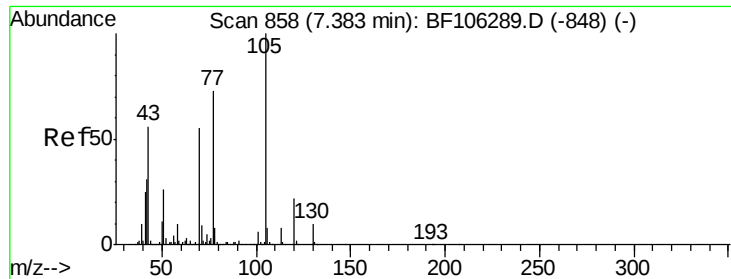


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

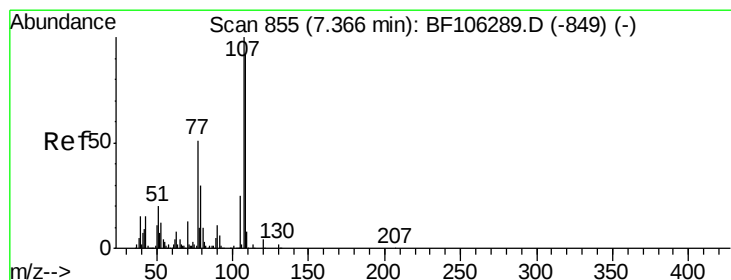
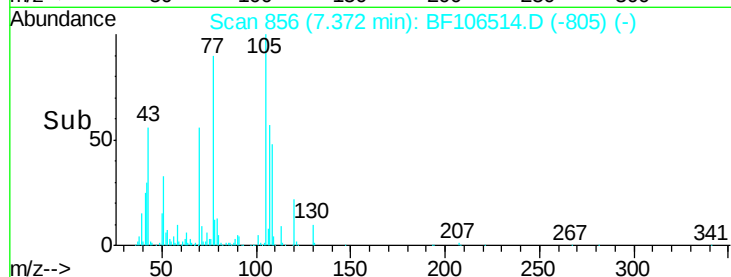
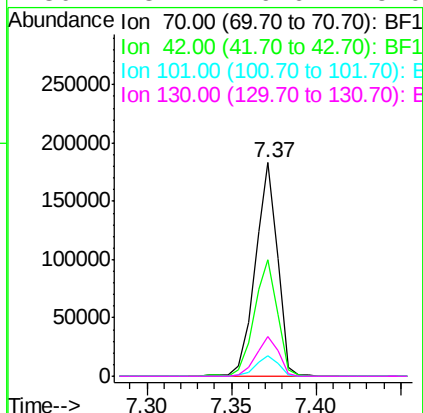
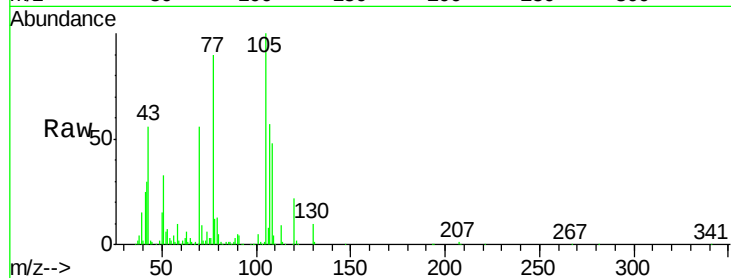




#19
n-Nitroso-di-n-propylamine
Concen: 31.579 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

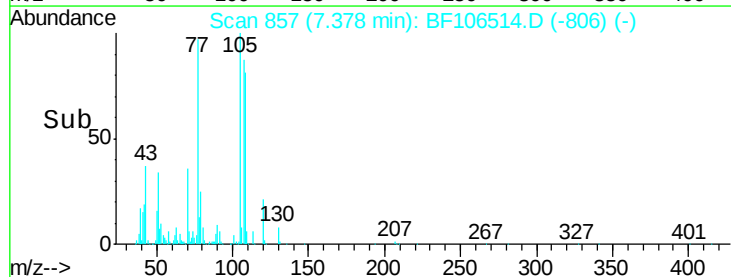
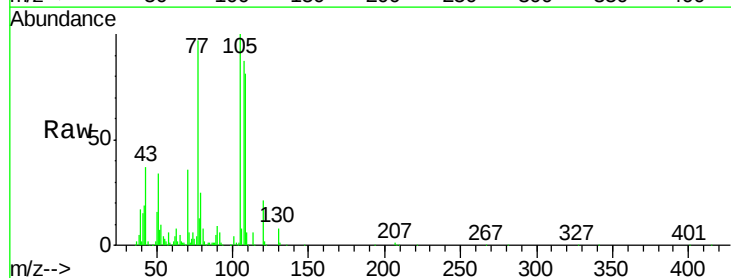
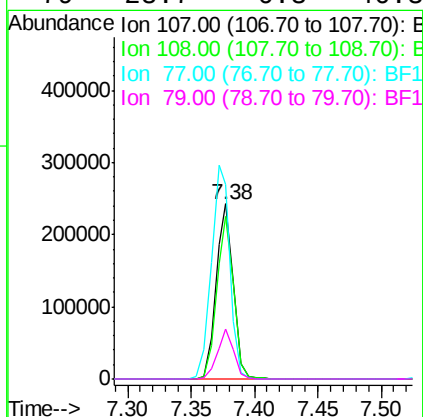
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

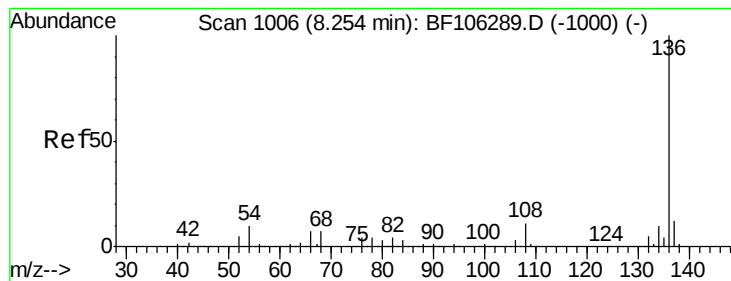
Tgt Ion: 70 Resp: 167841
Ion Ratio Lower Upper
70 100
42 54.8 47.5 71.3
101 9.3 7.4 11.2
130 18.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 33.589 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Tgt Ion: 107 Resp: 231092
Ion Ratio Lower Upper
107 100
108 93.0 68.2 108.2
77 110.7 26.7 66.7#
79 28.7 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 333138

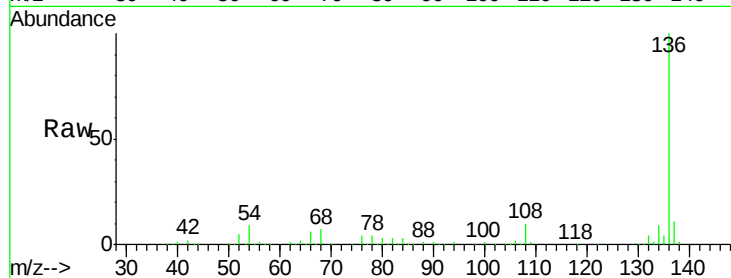
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.9 6.6 9.8

68 7.2 5.0 7.4

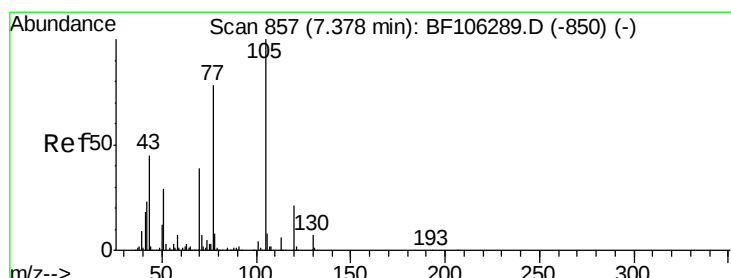
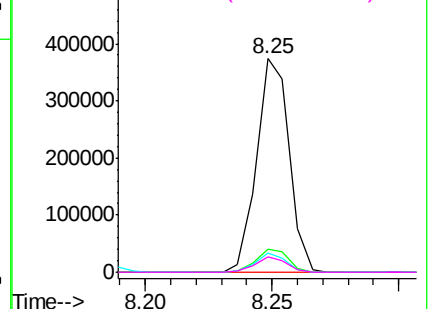
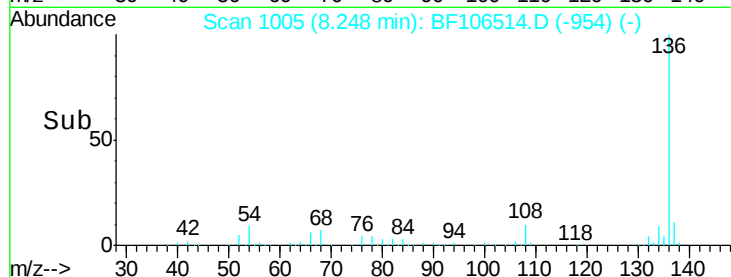


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.667 ng

RT: 7.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Tgt Ion:105 Resp: 324624

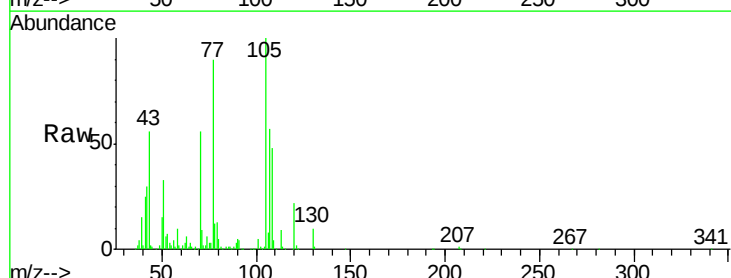
Ion Ratio Lower Upper

105 100

71 9.1 4.4 6.6#

51 33.3 22.3 33.5

120 21.6 16.9 25.3

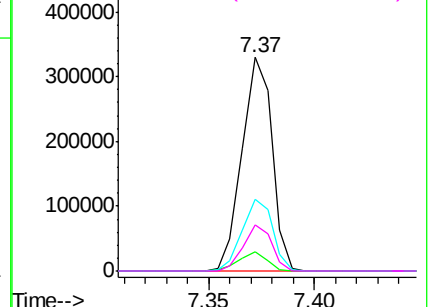
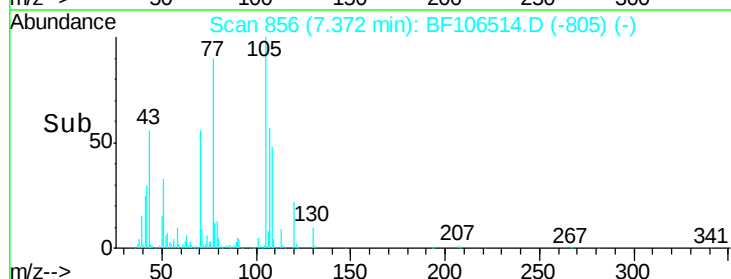


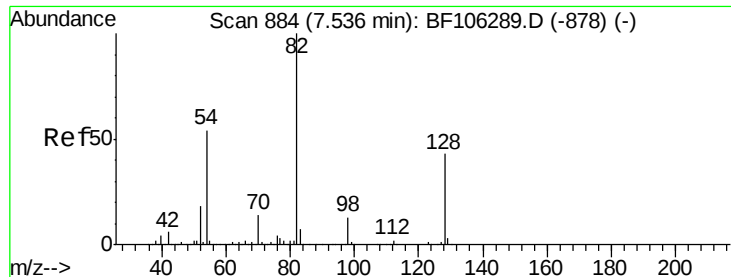
Abundance Ion 105.00 (104.70 to 105.70): E

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

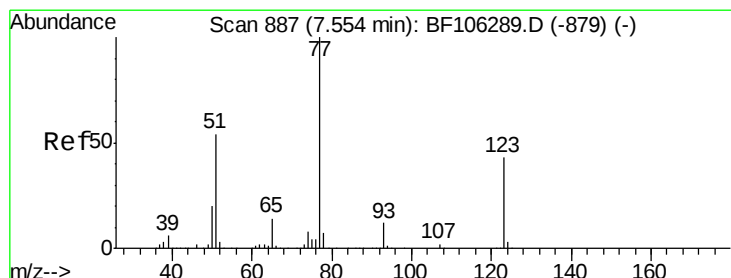
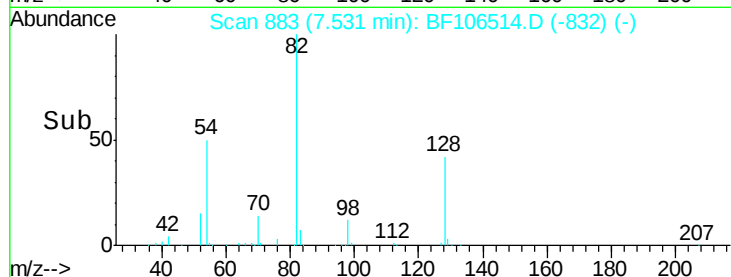
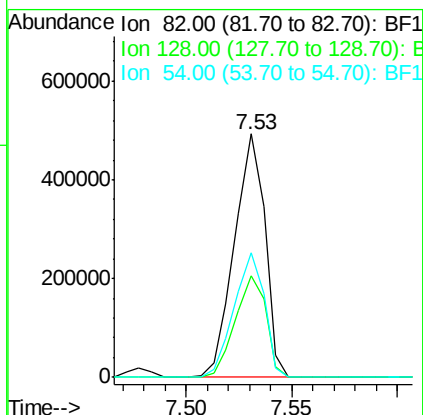
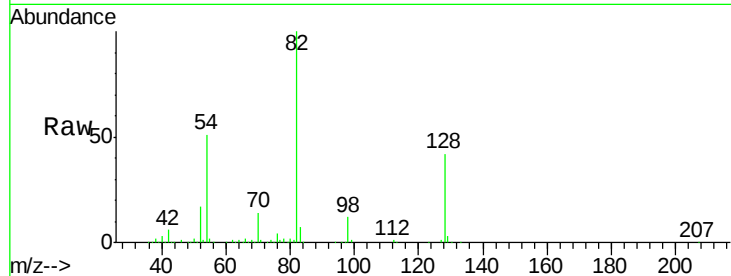




#23
Nitrobenzene-d5
Concen: 87.083 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

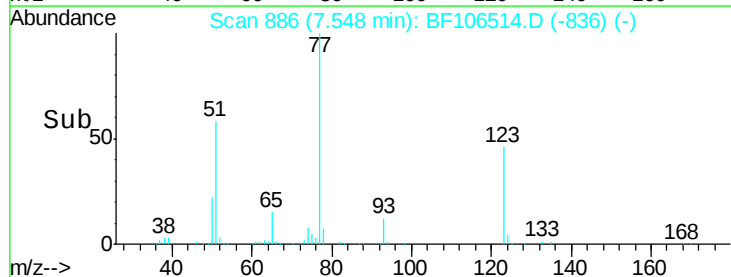
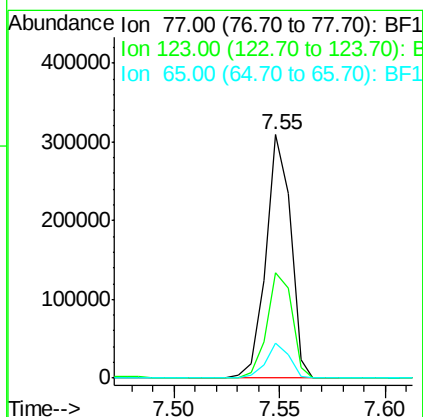
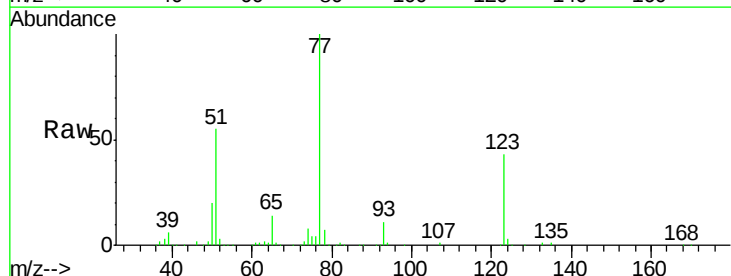
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

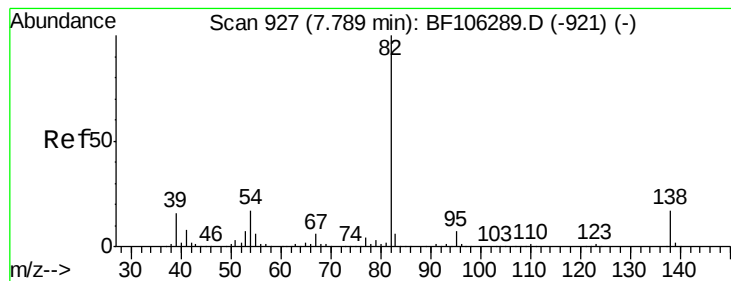
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.7	36.1	54.1
54	51.0	41.4	62.2



#24
Nitrobenzene
Concen: 40.919 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.1	37.9	56.9
65	14.3	11.0	16.4





#25

Isophorone

Concen: 36.642 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

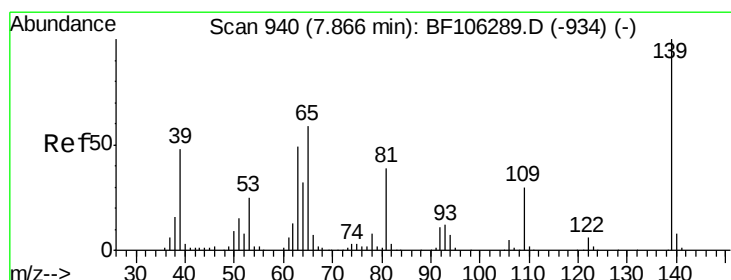
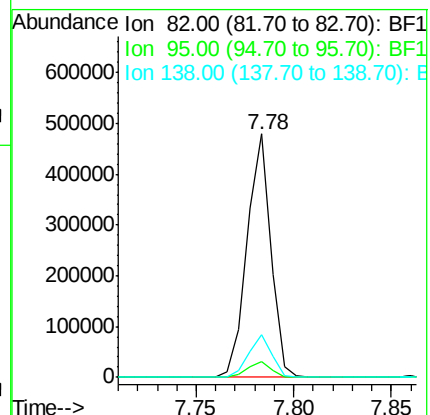
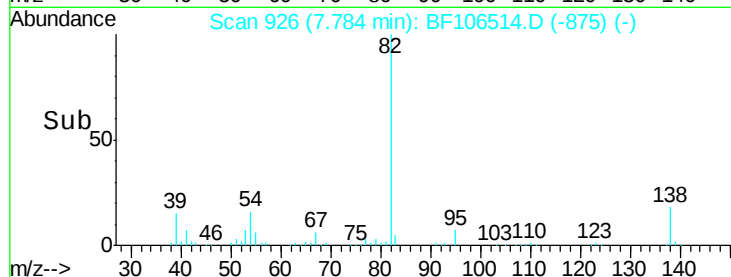
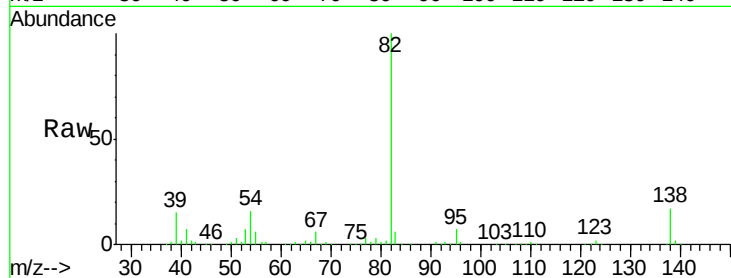
Tgt Ion: 82 Resp: 405293

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 17.3 14.9 22.3



#26

2-Nitrophenol

Concen: 25.632 ng

RT: 7.87 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

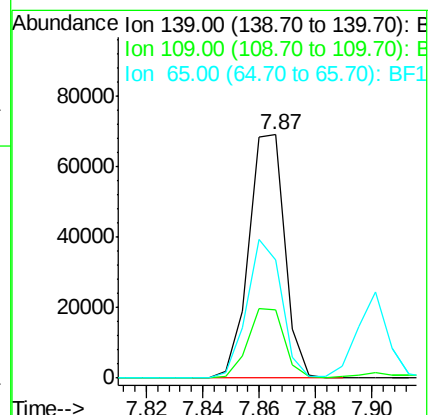
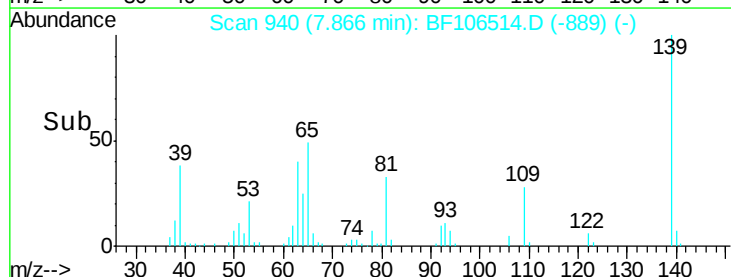
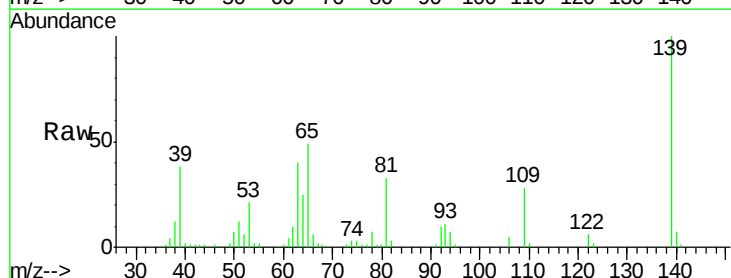
Tgt Ion: 139 Resp: 61236

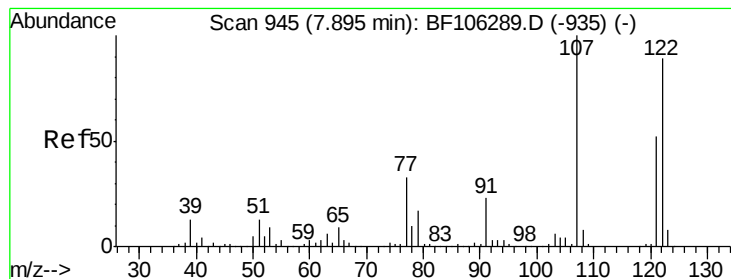
Ion Ratio Lower Upper

139 100

109 28.1 22.7 34.1

65 48.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.126 ng

RT: 7.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

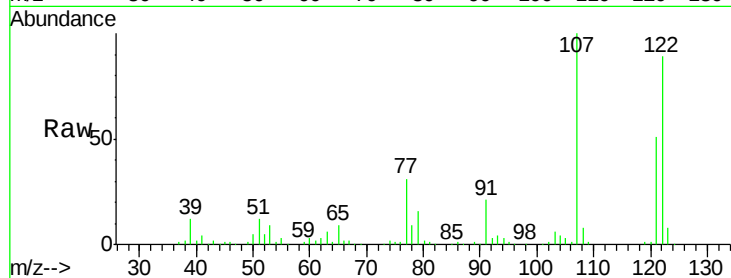
Tgt Ion:122 Resp: 178529

Ion Ratio Lower Upper

122 100

107 112.9 91.2 136.8

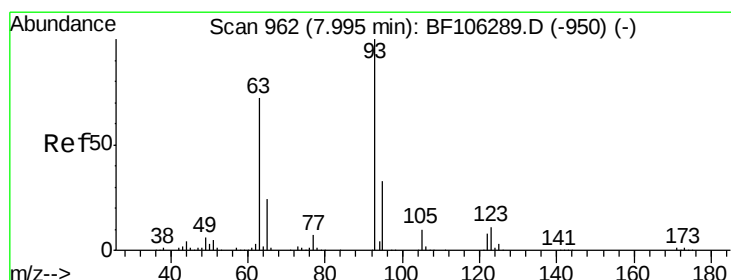
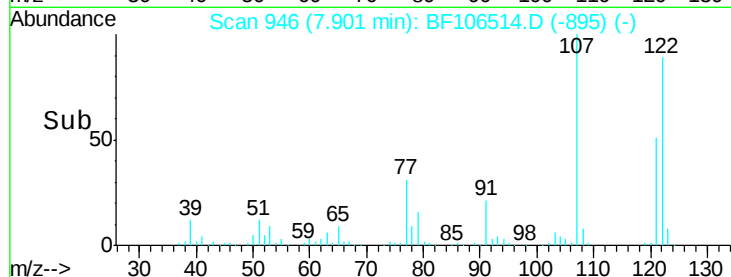
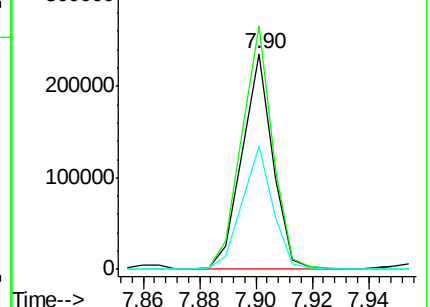
121 57.0 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.102 ng

RT: 7.99 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

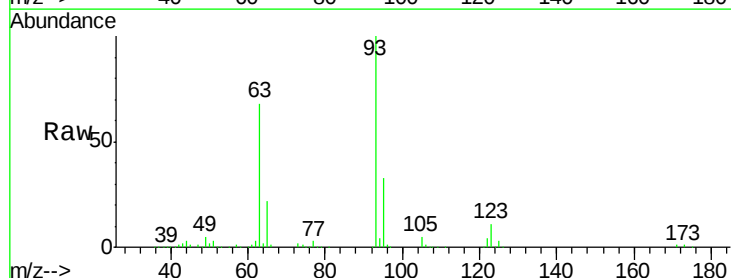
Tgt Ion: 93 Resp: 287611

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

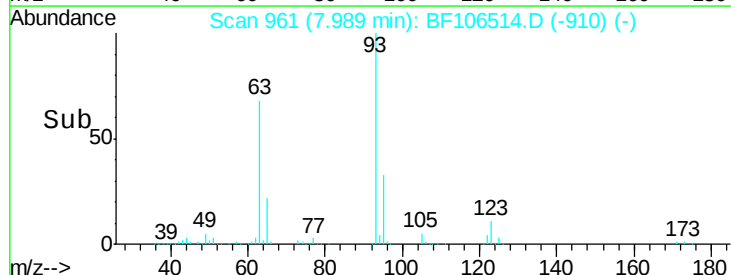
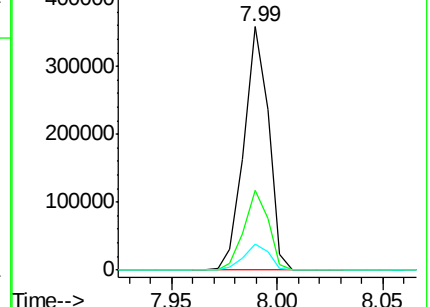
123 10.5 9.8 14.6

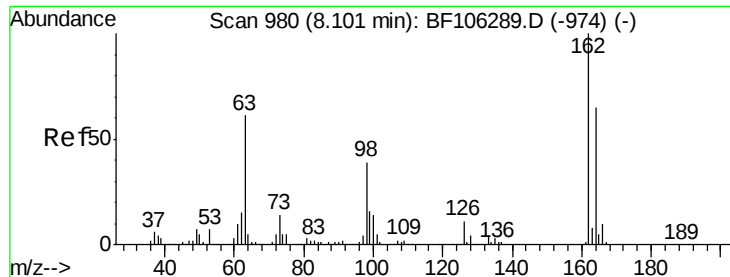


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

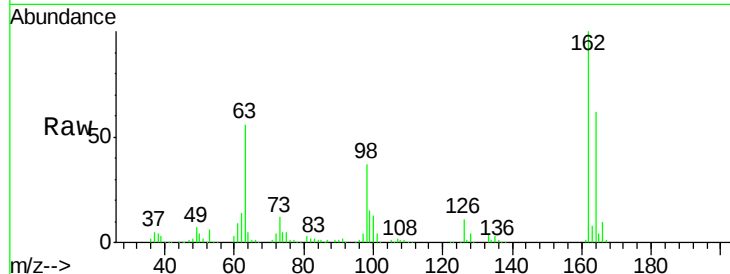




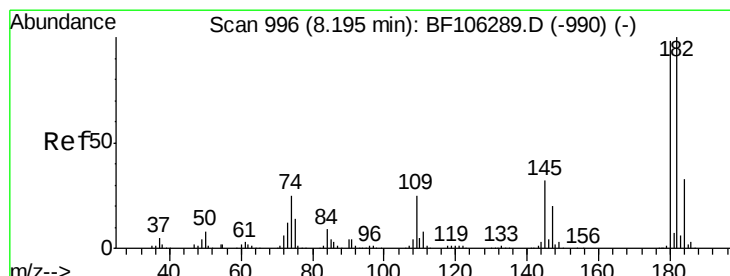
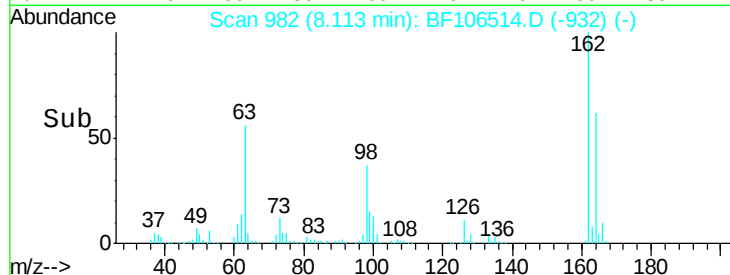
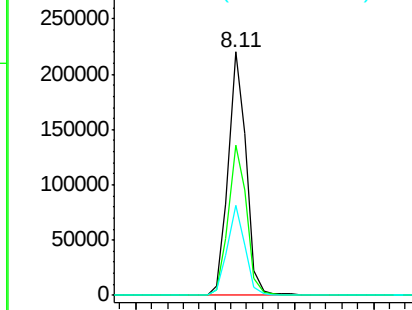
#29
2,4-Dichlorophenol
Concen: 38.271 ng
RT: 8.11 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.6	42.7	82.7
98	37.2	18.1	58.1

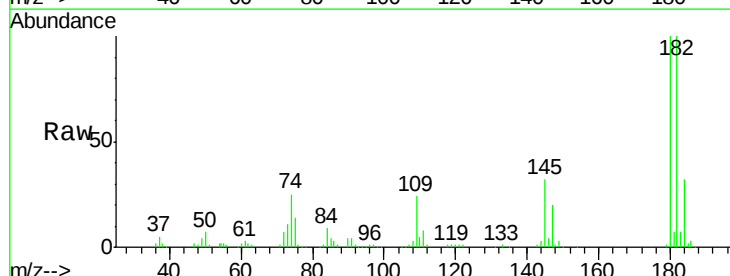


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

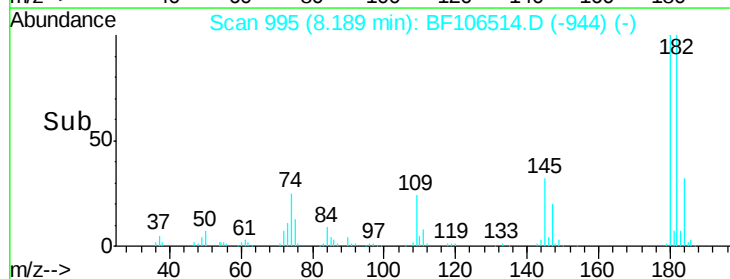
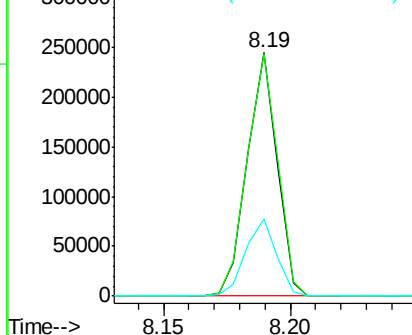


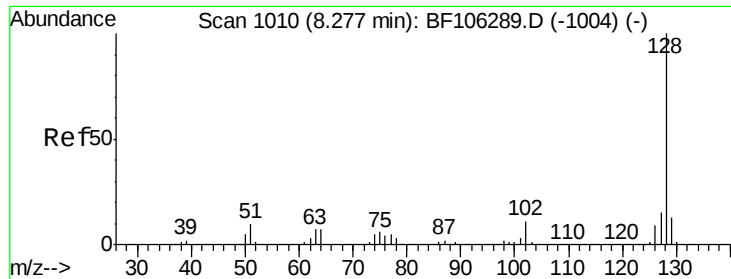
#30
1,2,4-Trichlorobenzene
Concen: 39.851 ng
RT: 8.19 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.7	76.8	115.2
145	31.7	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

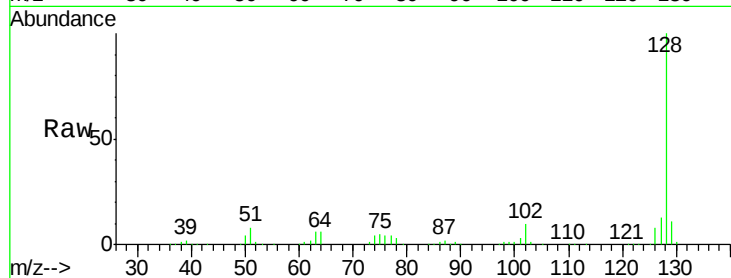




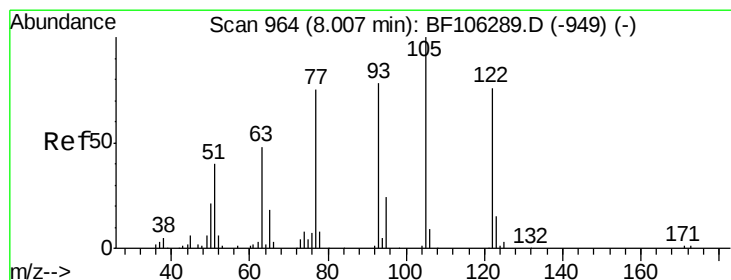
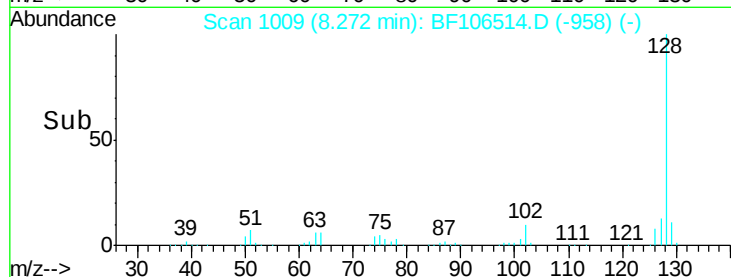
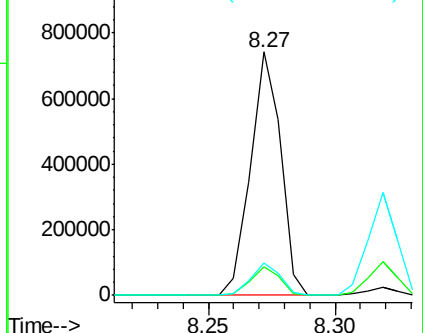
#31
Naphthalene
Concen: 40.956 ng
RT: 8.27 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 616775
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.2 10.9 16.3

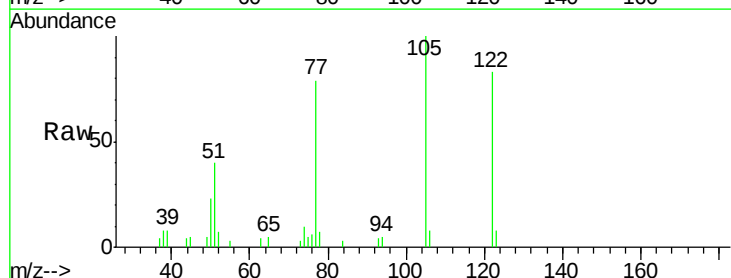


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

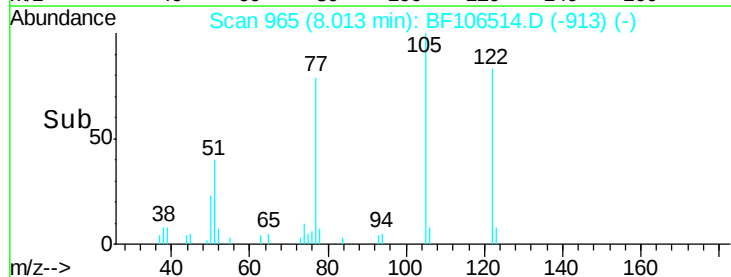
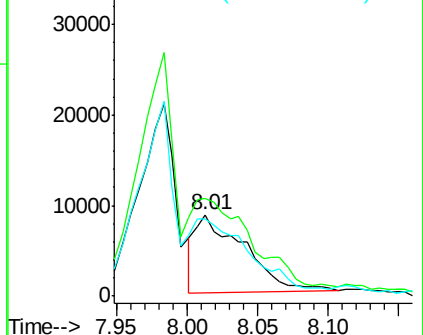


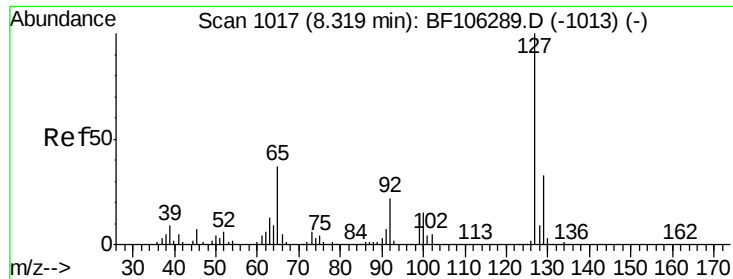
#32
Benzoic acid
Concen: 12.326 ng
RT: 8.01 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Tgt Ion:122 Resp: 20513
Ion Ratio Lower Upper
122 100
105 120.8 101.1 141.1
77 95.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

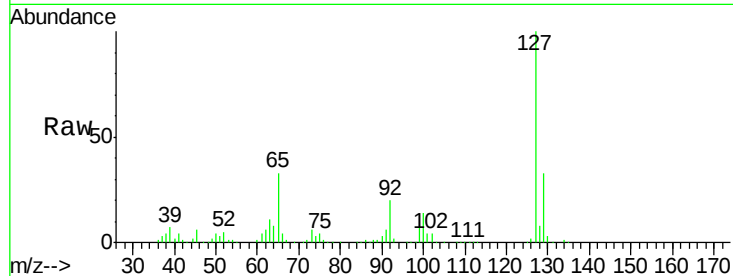




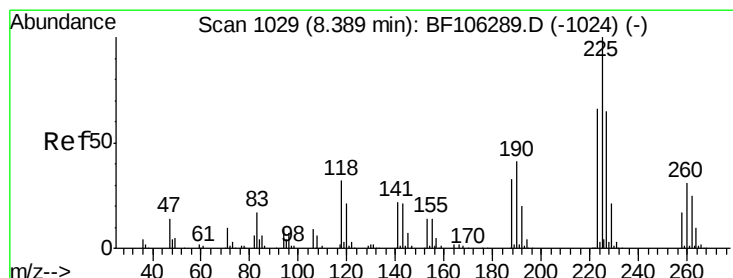
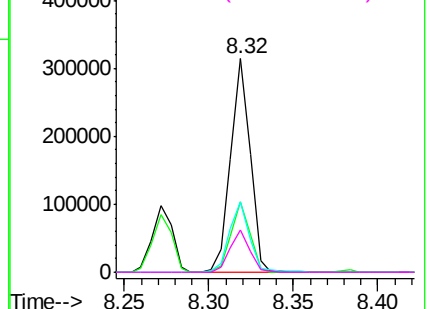
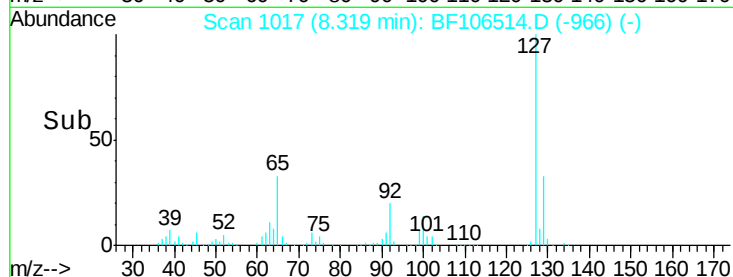
#33
4-Chloroaniline
Concen: 37.736 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	251845
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	33.0	25.0	37.4
92	19.7	15.2	22.8

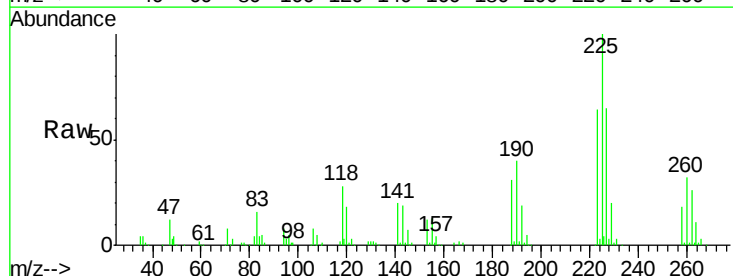


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

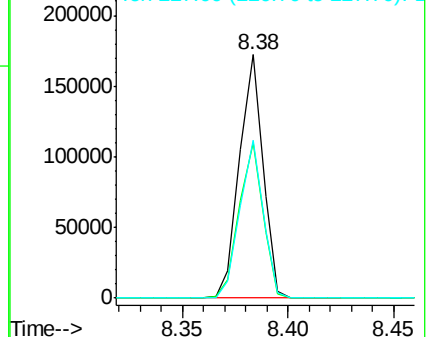
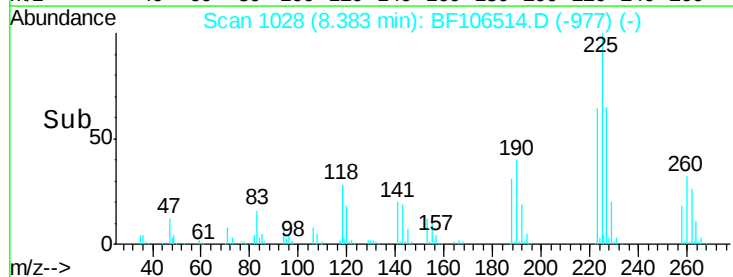


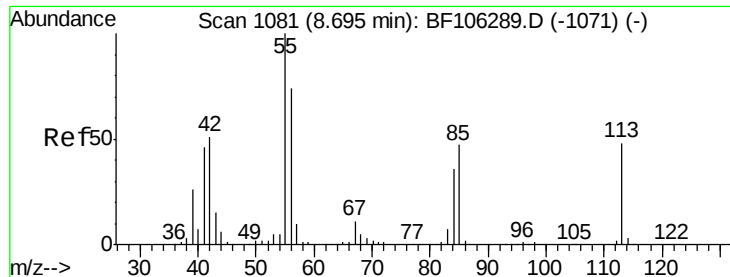
#34
Hexachlorobutadiene
Concen: 40.729 ng
RT: 8.38 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Tgt Ion:	225	Resp:	132538
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	64.8	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

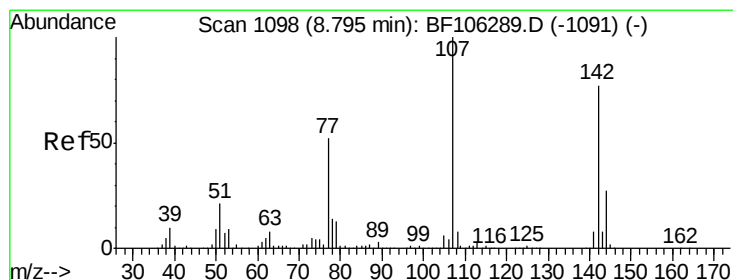
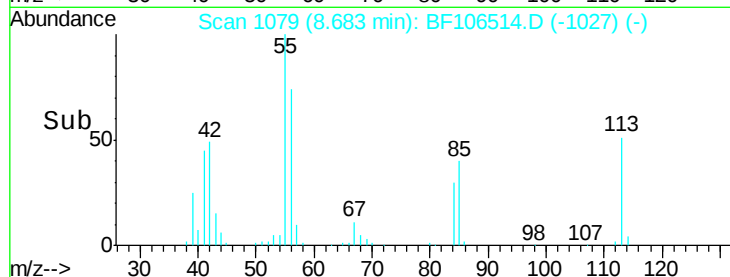
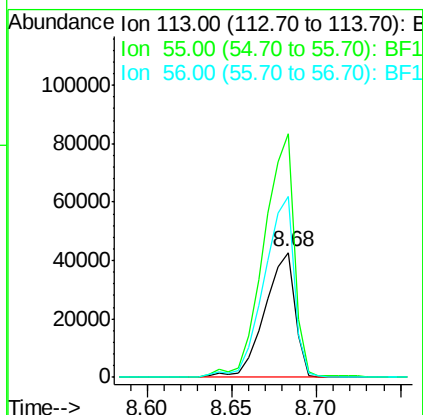
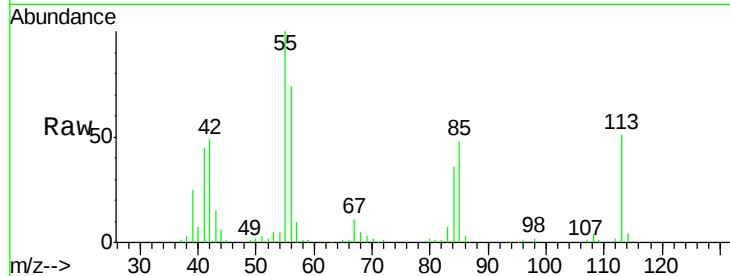




#35
 Caprolactam
 Concen: 34.586 ng
 RT: 8.68 min Scan# 1079
 Delta R.T. 0.01 min
 Lab File: BF106514.D
 Acq: 16 Jun 2018 2:03

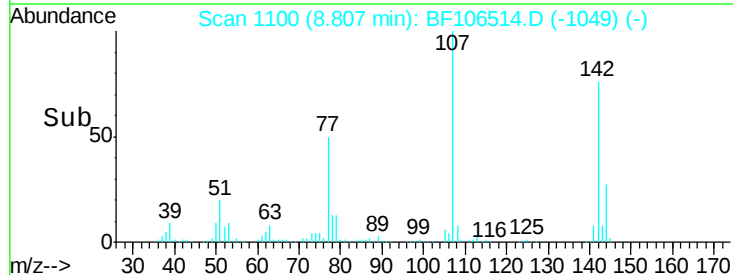
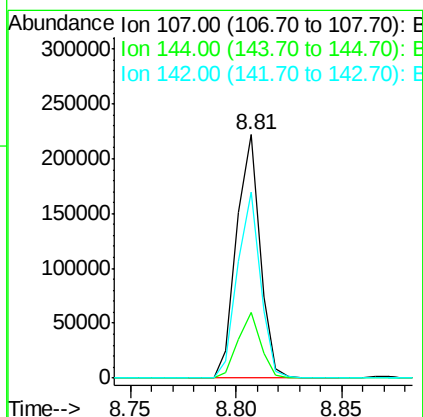
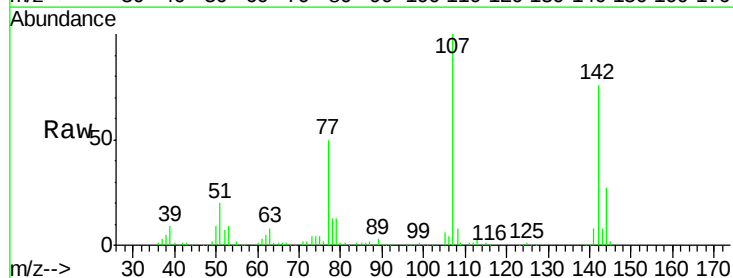
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

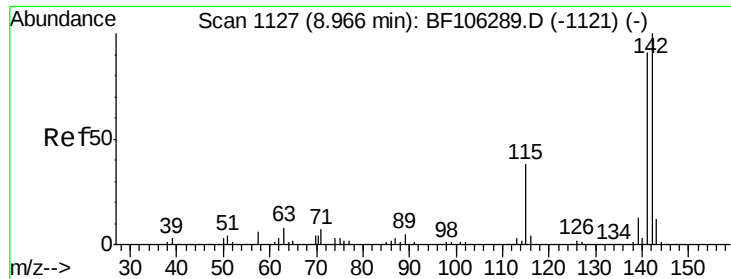
Tgt Ion:113 Resp: 52847
 Ion Ratio Lower Upper
 113 100
 55 194.5 163.3 203.3
 56 144.2 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 34.191 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF106514.D
 Acq: 16 Jun 2018 2:03

Tgt Ion:107 Resp: 170855
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.5 30.7
 142 76.2 62.0 93.0

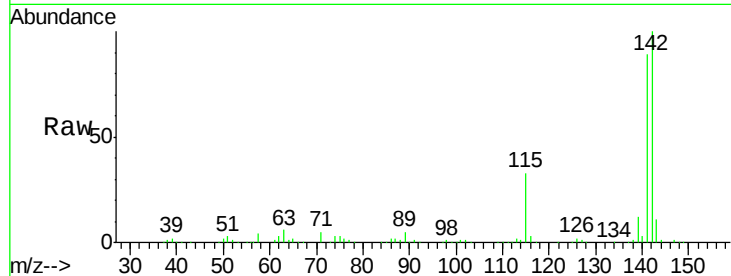




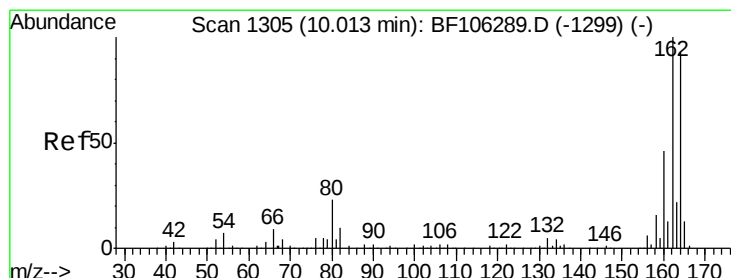
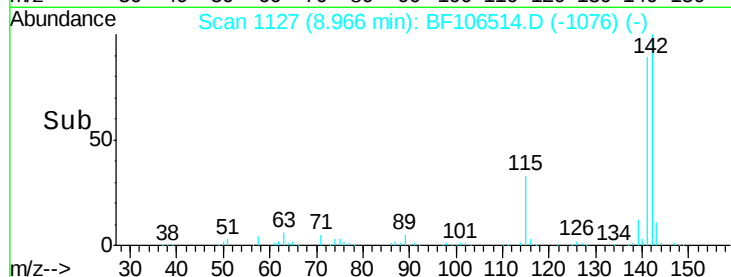
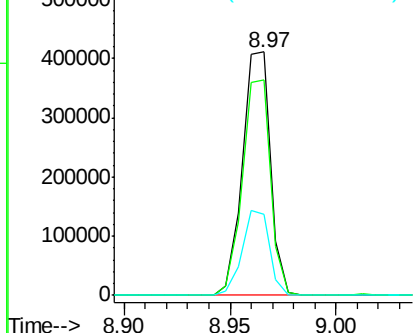
#37
2-Methylnaphthalene
Concen: 36.886 ng
RT: 8.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 378340
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2
115 33.3 26.1 39.1

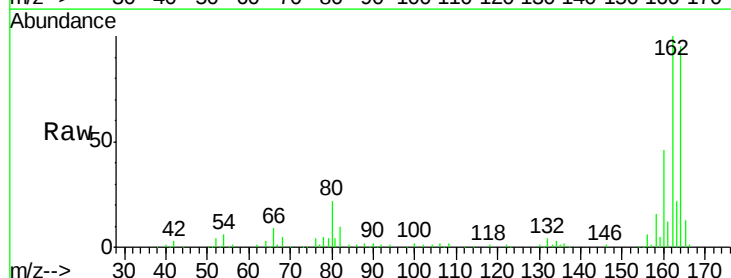


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

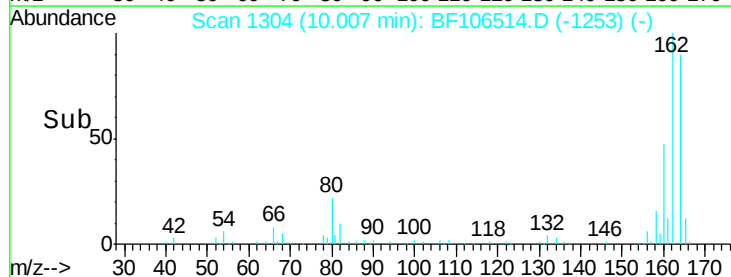
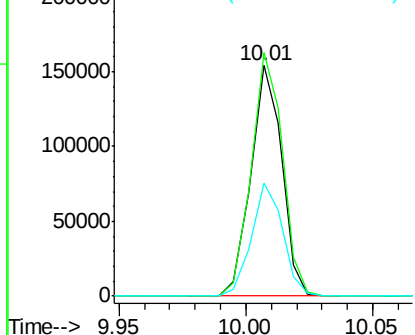


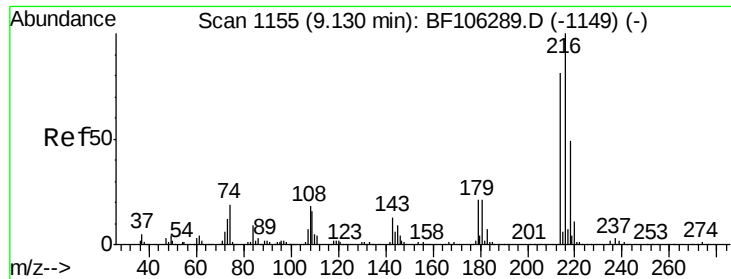
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Tgt Ion:164 Resp: 130671
Ion Ratio Lower Upper
164 100
162 105.7 86.1 129.1
160 49.1 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

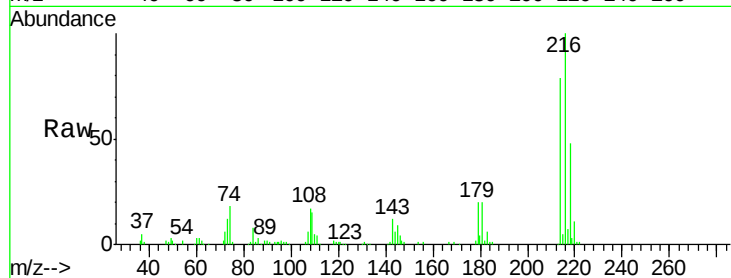




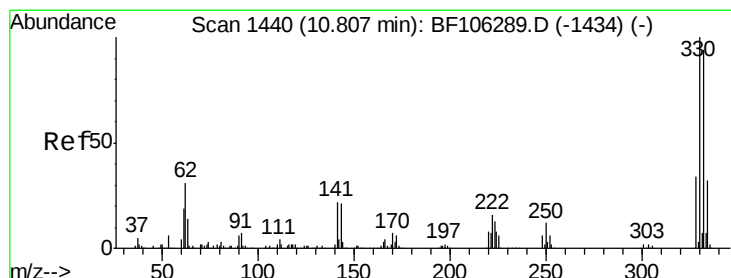
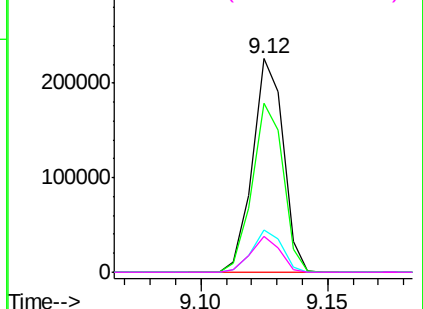
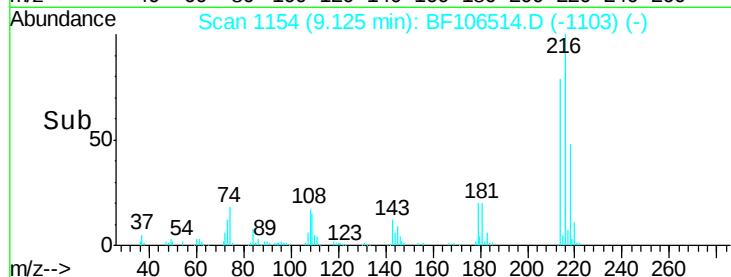
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.327 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF106514.D
 Acq: 16 Jun 2018 2:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	192275
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	19.2	18.1	27.1
108	16.2	17.2	25.8#

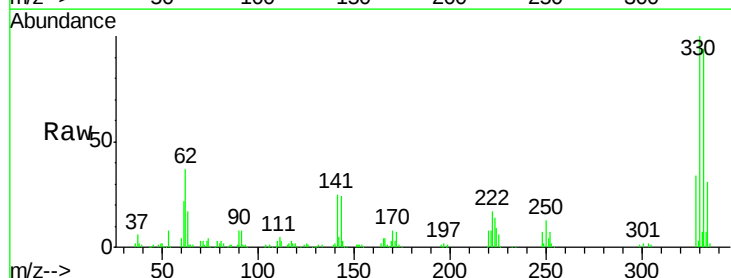


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

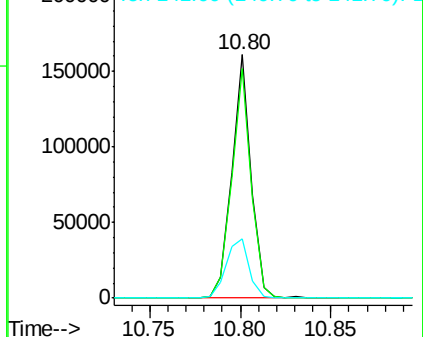
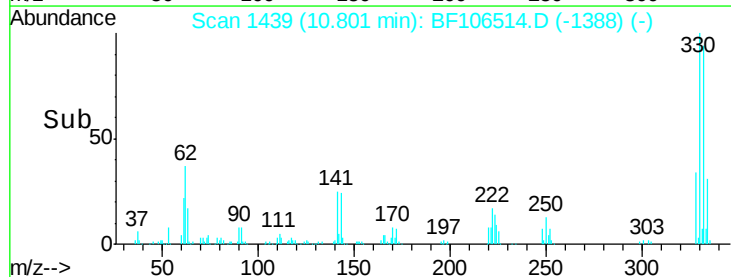


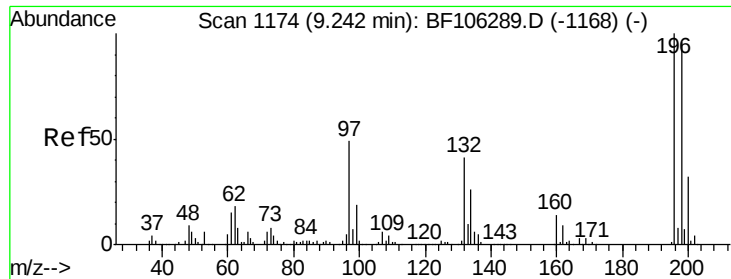
#41
 2,4,6-Tribromophenol
 Concen: 94.810 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106514.D
 Acq: 16 Jun 2018 2:03

Tgt Ion:	330	Resp:	119203
Ion	Ratio	Lower	Upper
330	100		
332	95.2	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

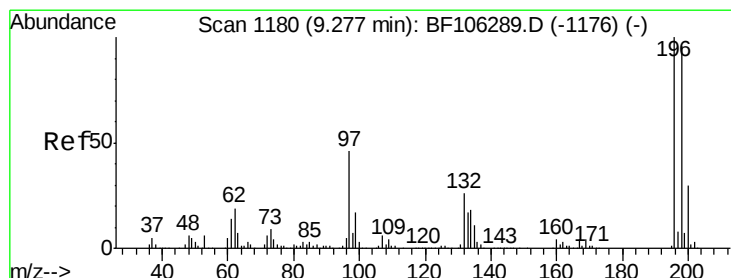
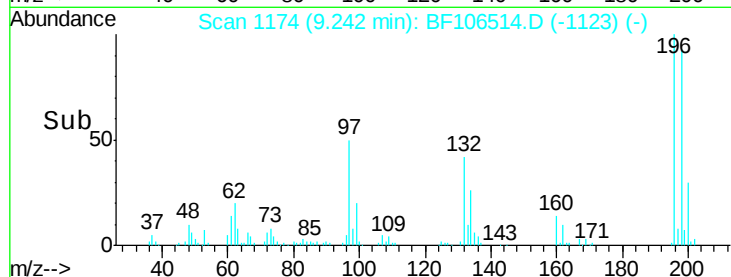
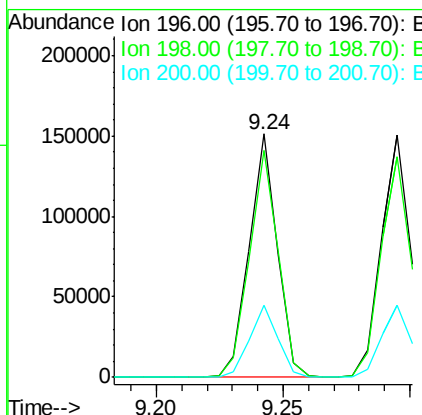
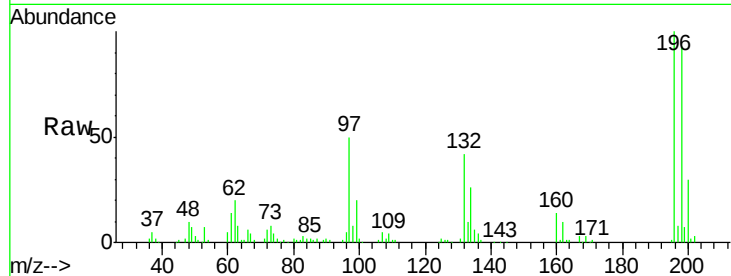




#42
 2,4,6-Trichlorophenol
 Concen: 43.335 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106514.D
 Acq: 16 Jun 2018 2:03

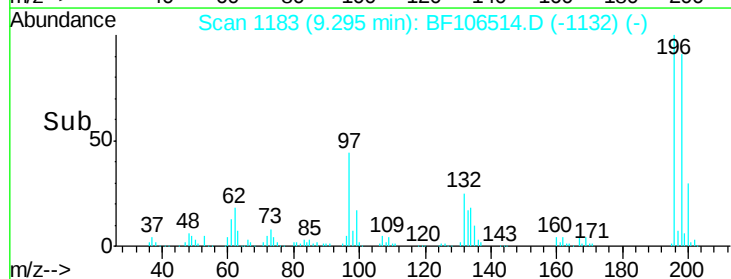
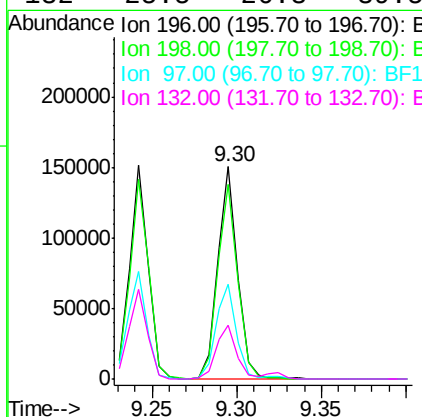
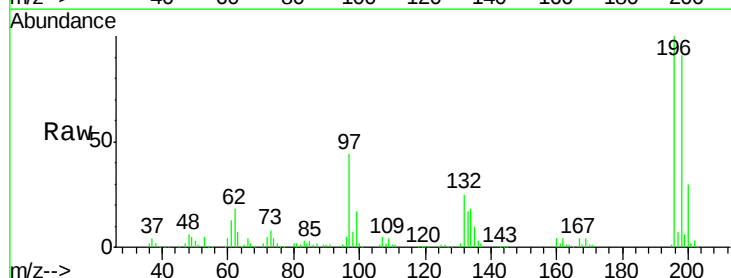
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

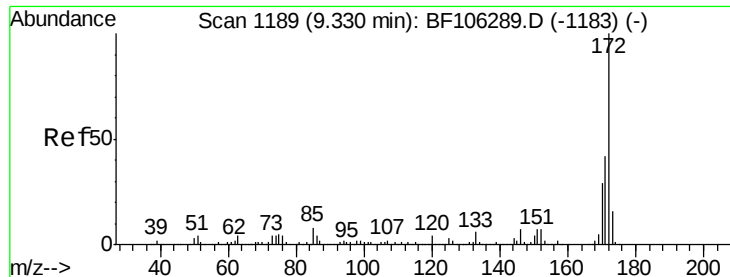
Tgt Ion:196 Resp: 117148
 Ion Ratio Lower Upper
 196 100
 198 93.3 75.7 113.5
 200 29.6 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 42.385 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF106514.D
 Acq: 16 Jun 2018 2:03

Tgt Ion:196 Resp: 123521
 Ion Ratio Lower Upper
 196 100
 198 91.3 74.6 112.0
 97 44.3 42.9 64.3
 132 25.5 26.3 39.5#

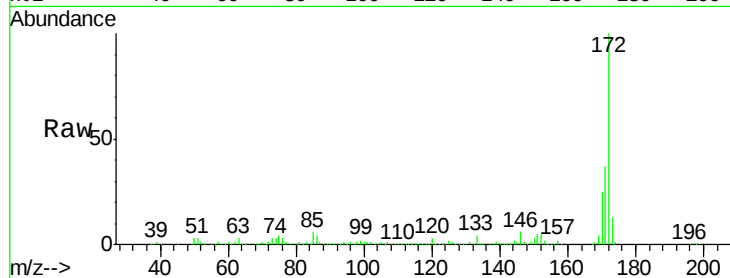




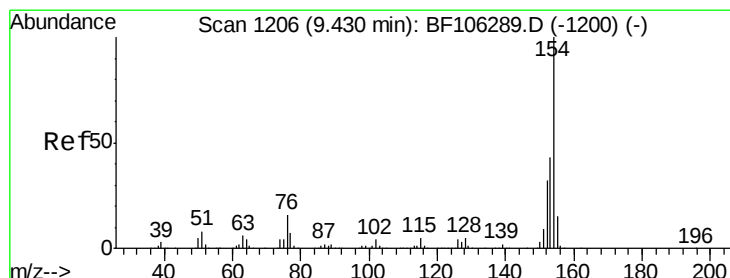
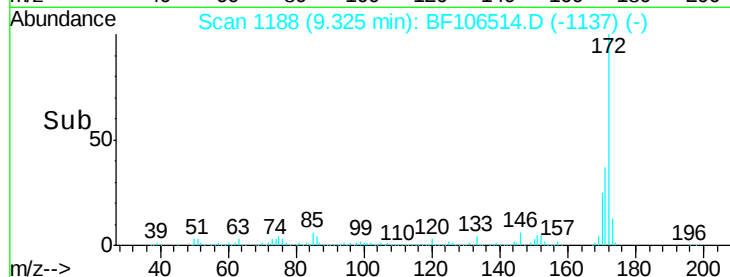
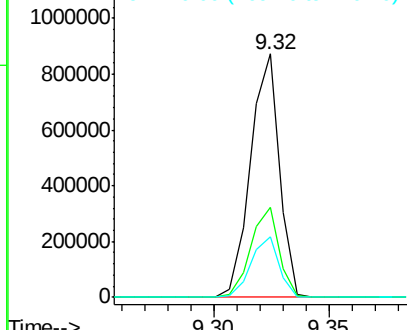
#44
2-Fluorobiphenyl
Concen: 115.758 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 762950
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.9 19.6 29.4

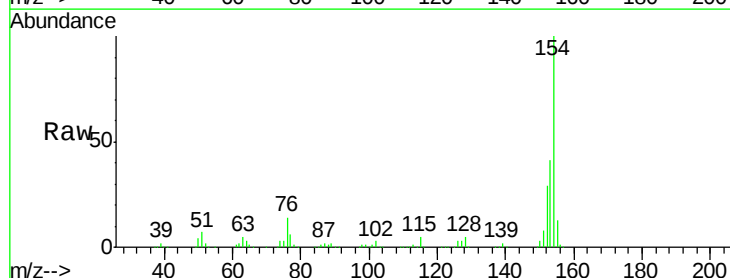


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

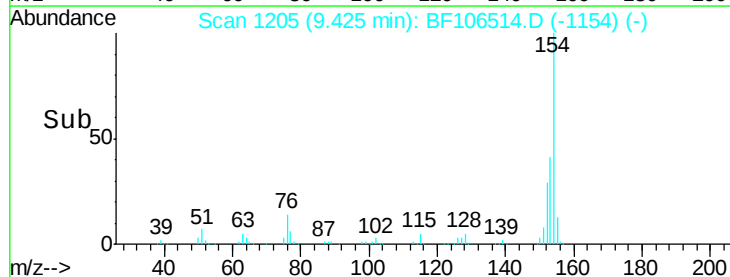
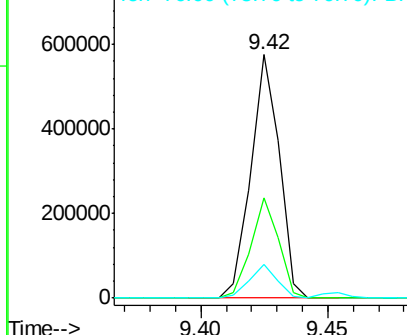


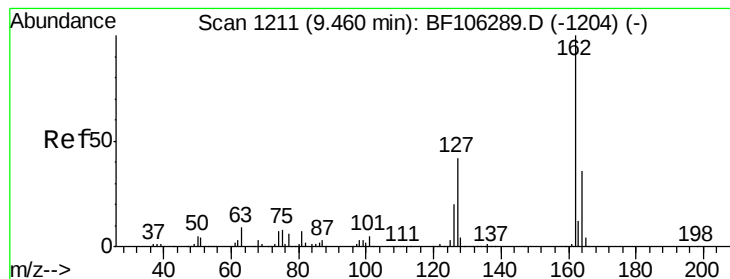
#45
1,1'-Biphenyl
Concen: 44.501 ng
RT: 9.42 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Tgt Ion:154 Resp: 450397
Ion Ratio Lower Upper
154 100
153 41.1 21.3 61.3
76 14.0 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

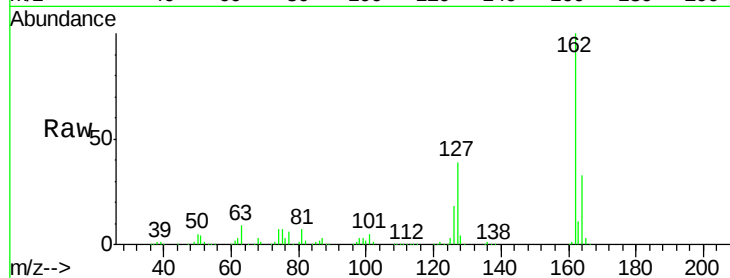




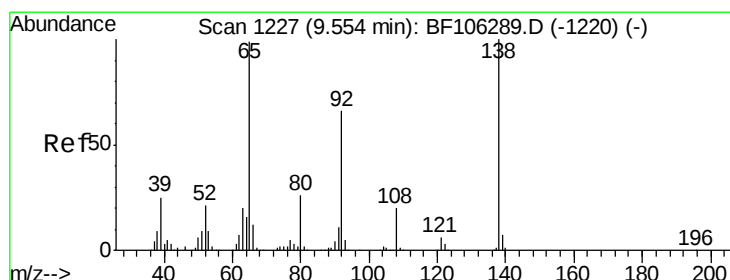
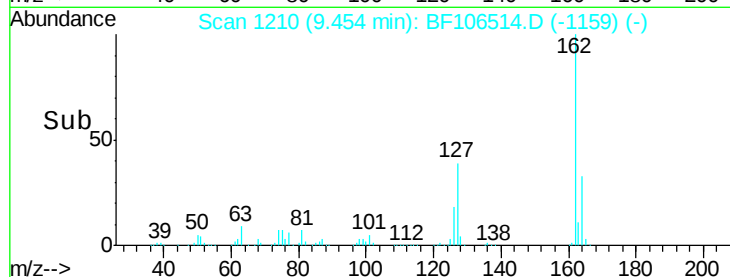
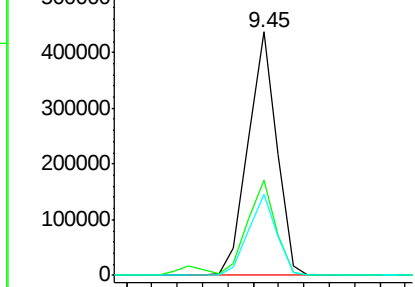
#46
 2-Chloronaphthalene
 Concen: 42.210 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF106514.D
 Acq: 16 Jun 2018 2:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	162	Resp:	341879
Ion	Ratio	Lower	Upper
162	100		
127	39.3	33.9	50.9
164	33.1	26.5	39.7

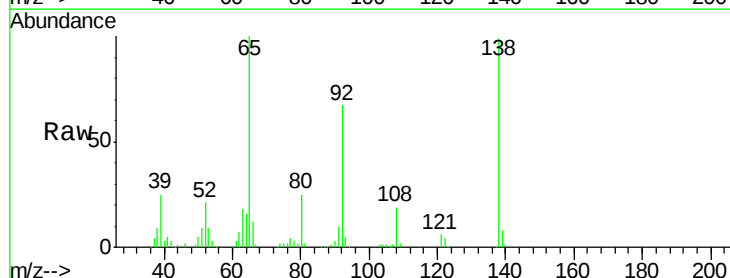


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

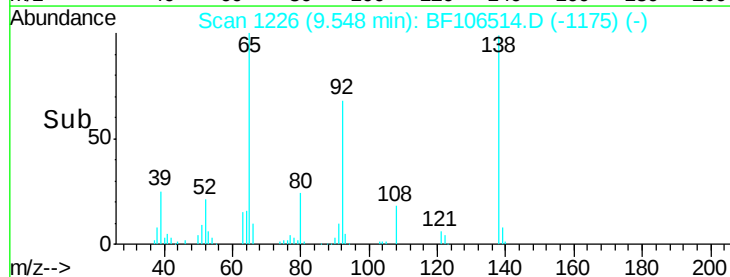
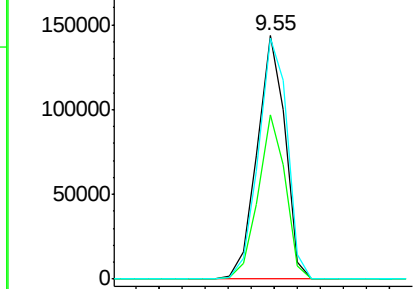


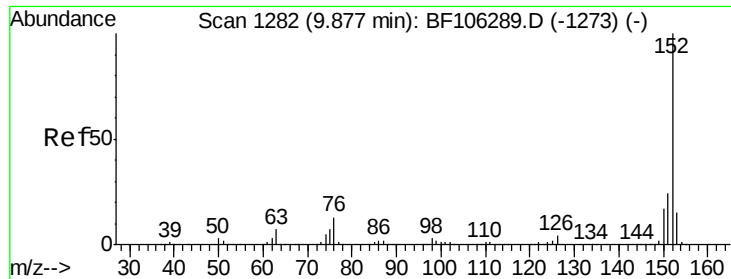
#47
 2-Nitroaniline
 Concen: 47.687 ng
 RT: 9.55 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF106514.D
 Acq: 16 Jun 2018 2:03

Tgt Ion:	65	Resp:	121506
Ion	Ratio	Lower	Upper
65	100		
92	67.2	55.8	83.6
138	98.9	91.2	136.8



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





#48

Acenaphthylene

Concen: 42.621 ng

RT: 9.87 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

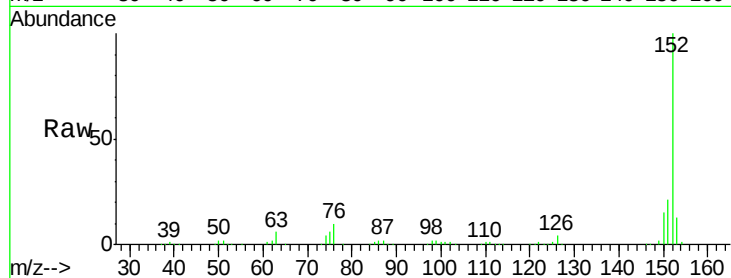
Tgt Ion:152 Resp: 528393

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

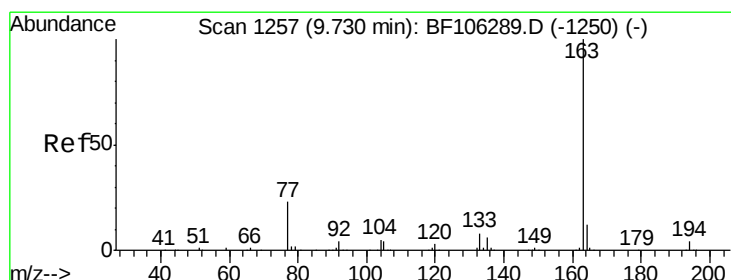
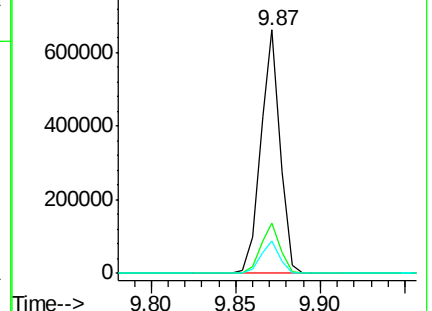
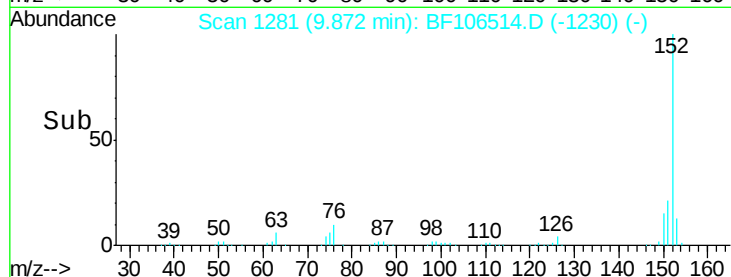
153 13.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 43.648 ng

RT: 9.72 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

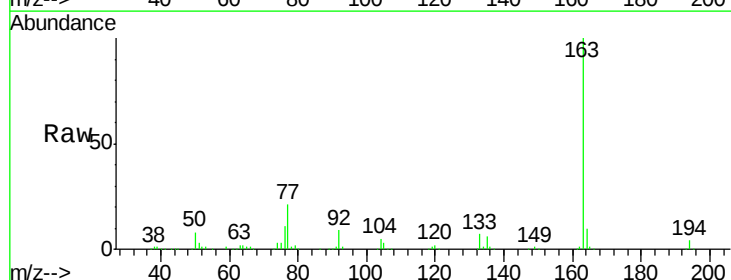
Tgt Ion:163 Resp: 407482

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

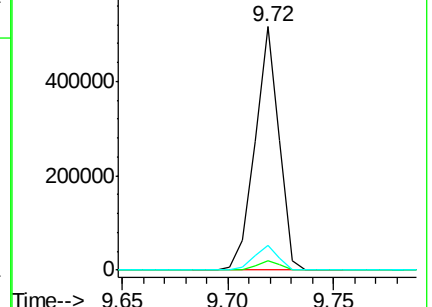
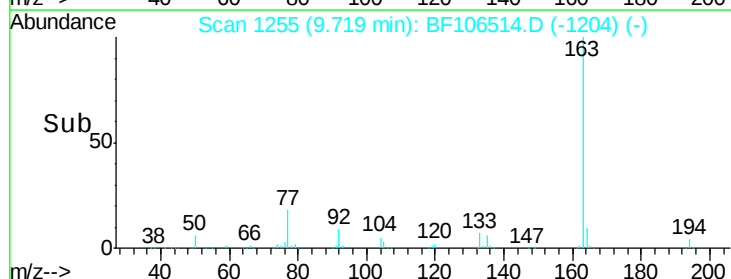
164 10.3 8.2 12.2

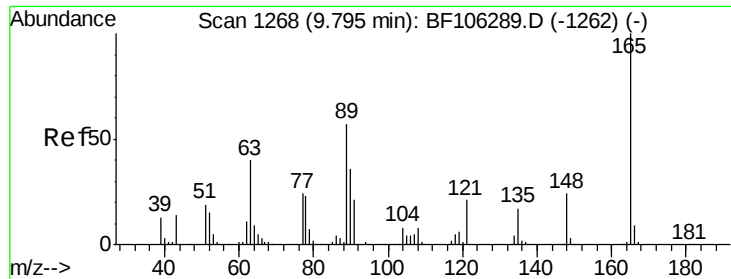


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

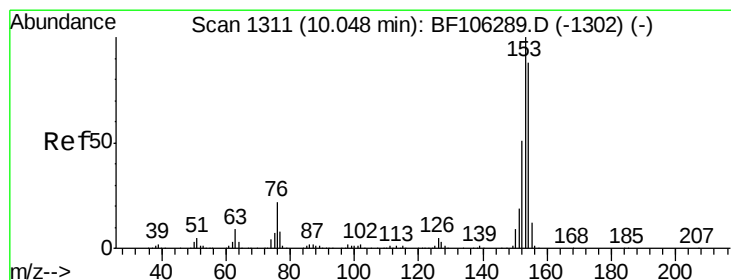
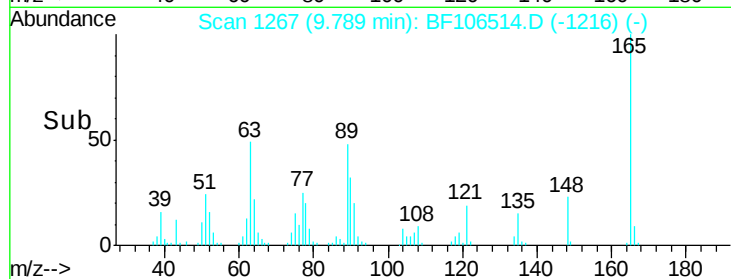
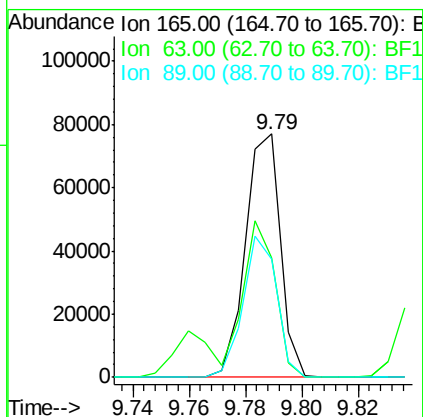
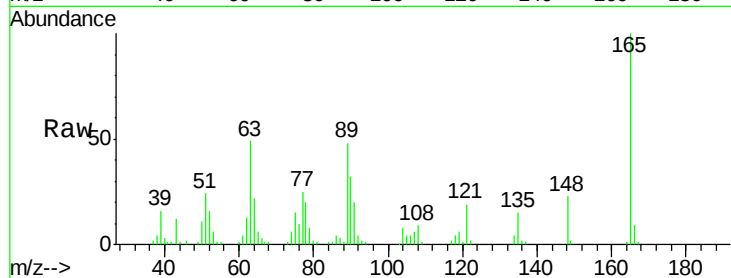




#50
2,6-Dinitrotoluene
Concen: 34.798 ng
RT: 9.79 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

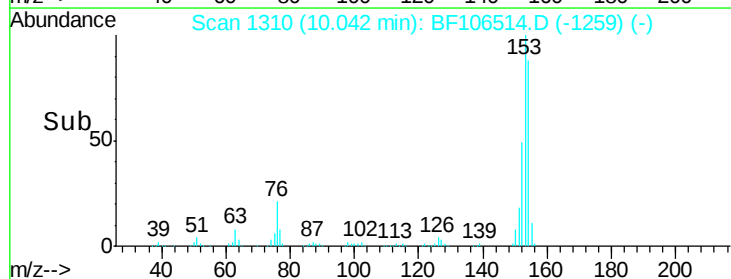
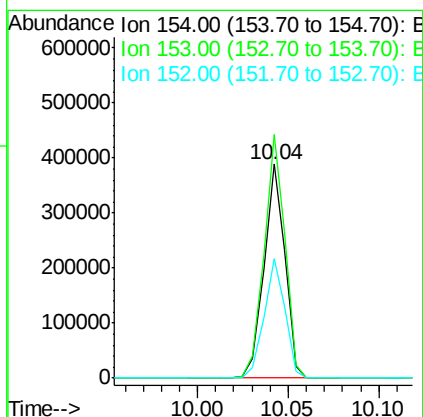
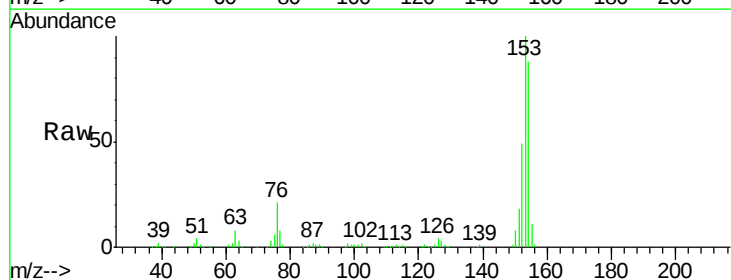
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

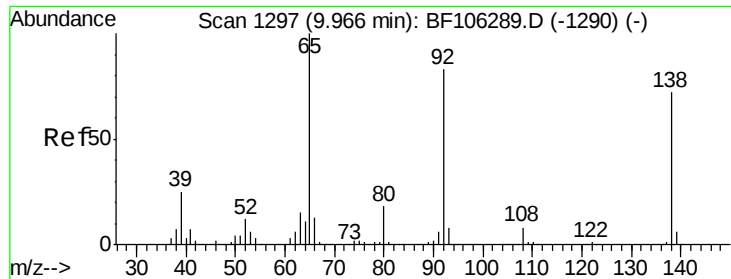
Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.1	44.7	67.1
89	48.3	44.0	66.0



#51
Acenaphthene
Concen: 38.925 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.2	136.8
152	55.9	43.8	65.8

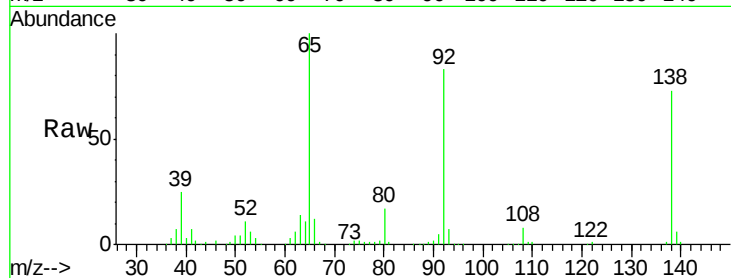




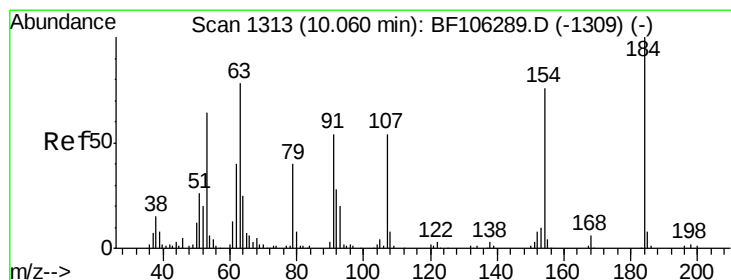
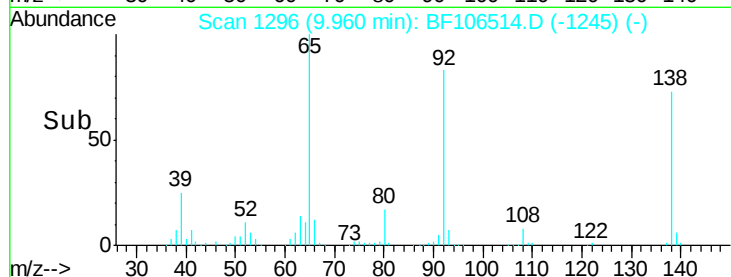
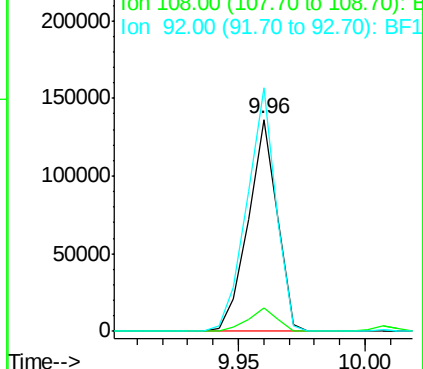
#52
3-Nitroaniline
Concen: 48.154 ng
RT: 9.96 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 108990
Ion Ratio Lower Upper
138 100
108 10.8 9.4 14.0
92 114.9 89.4 134.2

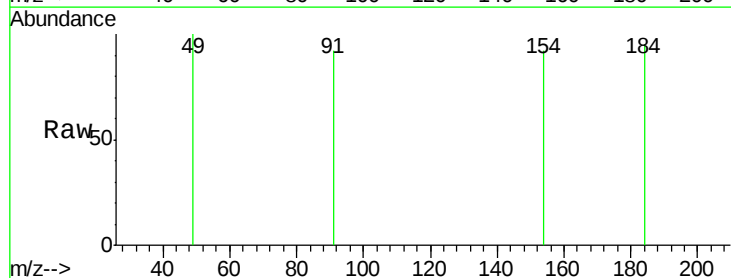


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

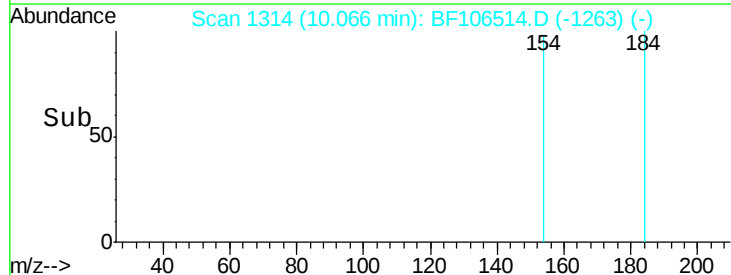
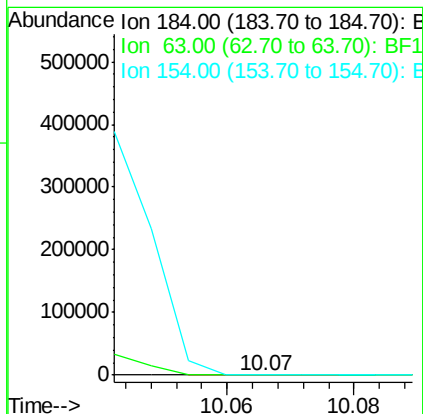


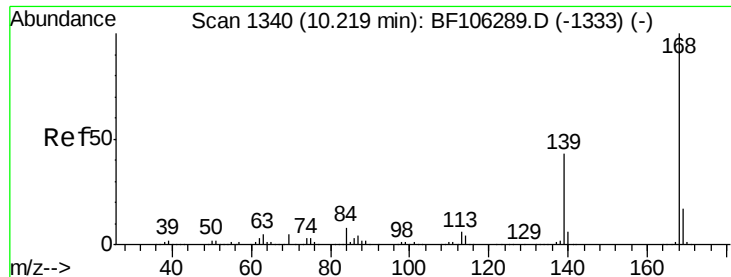
#53
2,4-Dinitrophenol
Concen: 8.726 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Tgt Ion:184 Resp: 110
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 97.7 184.0 276.0#



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

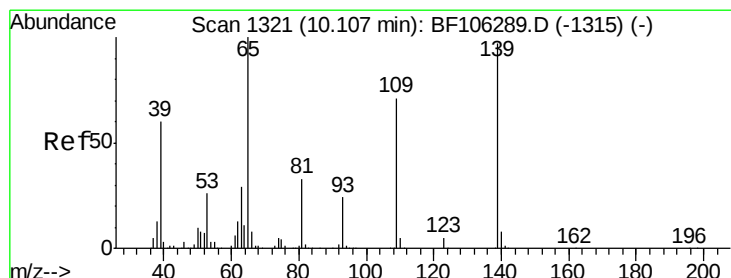
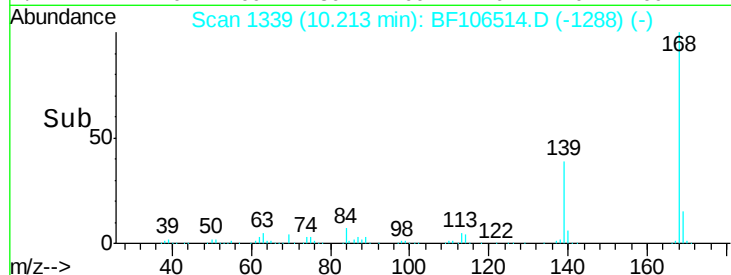
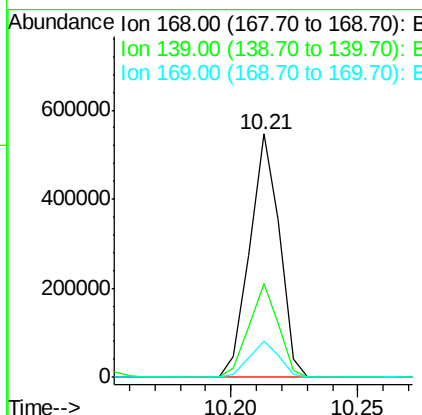
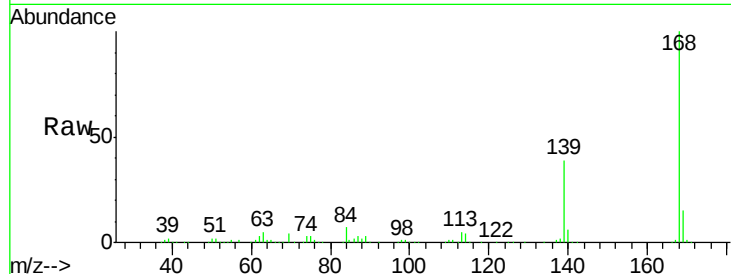




#54
Dibenzenofuran
Concen: 41.469 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

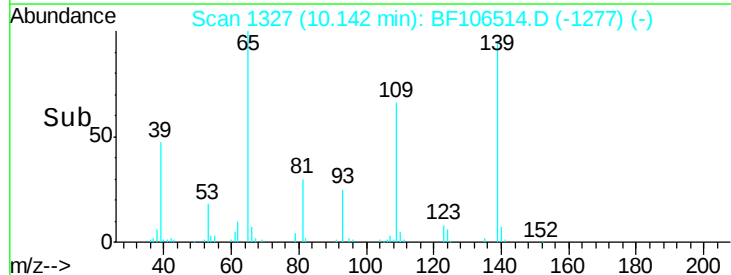
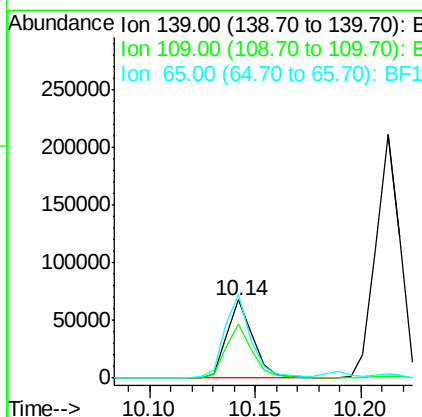
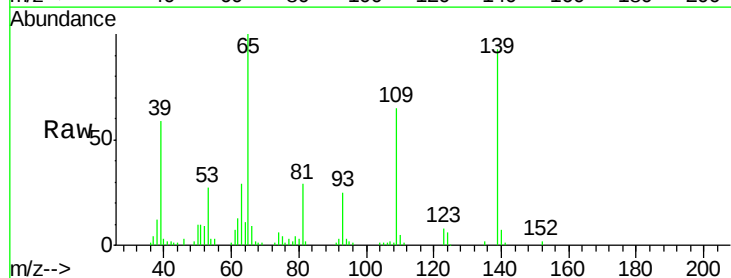
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

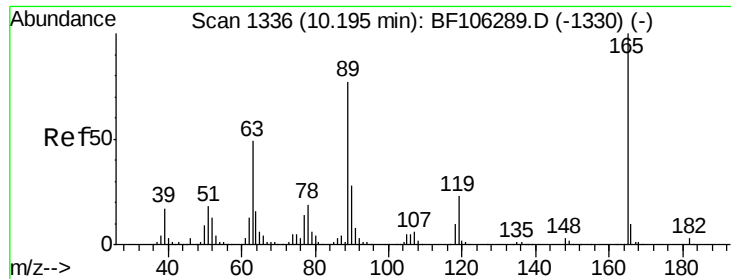
Tgt Ion:168 Resp: 447091
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1
169 14.9 10.9 16.3



#55
4-Nitrophenol
Concen: 33.918 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Tgt Ion:139 Resp: 58842
Ion Ratio Lower Upper
139 100
109 69.8 48.4 88.4
65 107.5 72.6 112.6

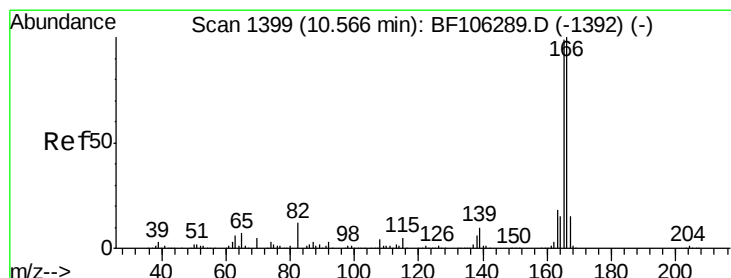
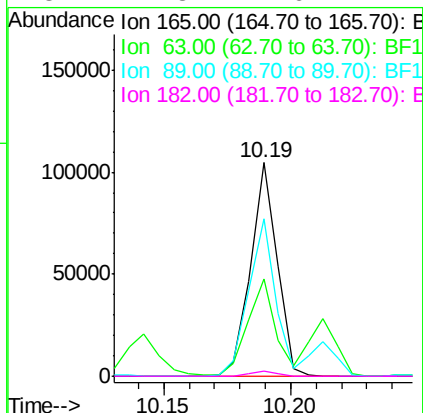
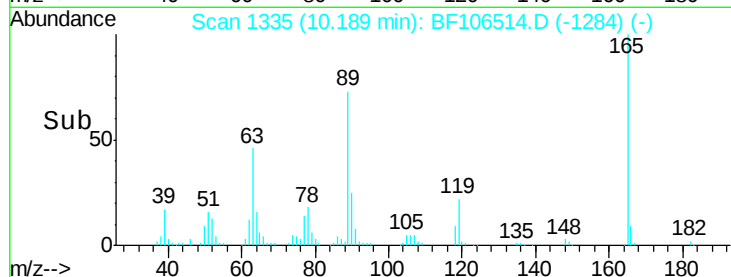
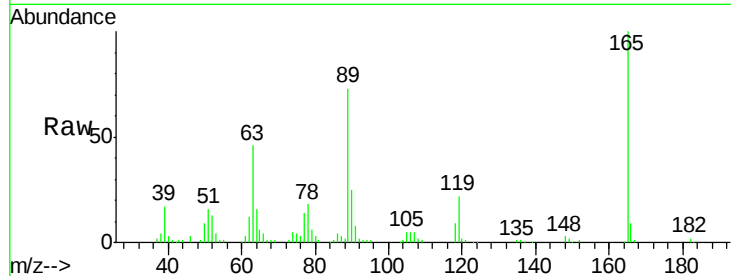




#56
2,4-Dinitrotoluene
Concen: 31.972 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

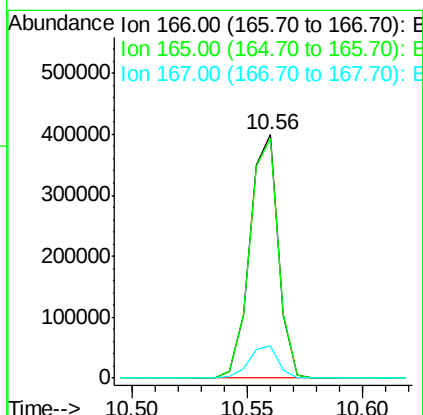
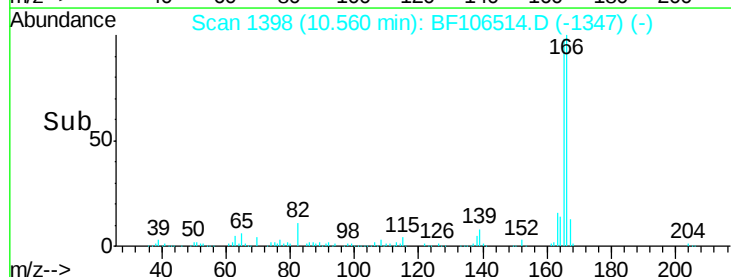
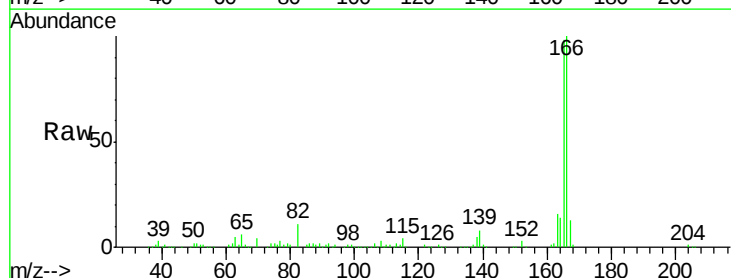
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

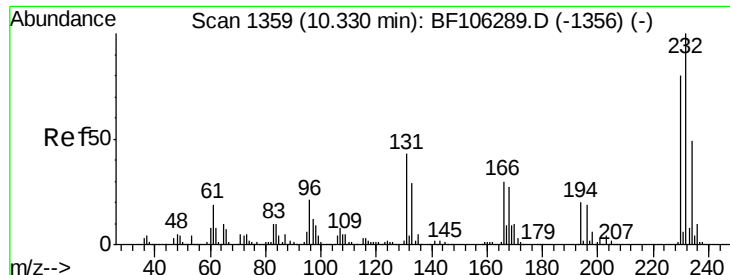
Tgt Ion	Resp	Lower	Upper
165	100		
63	45.8	36.4	54.6
89	73.5	57.8	86.6
182	2.3	1.6	2.4



#57
Fluorene
Concen: 40.292 ng
RT: 10.56 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Tgt Ion	Resp	Lower	Upper
166	100		
165	98.3	79.8	119.8
167	13.3	10.6	16.0

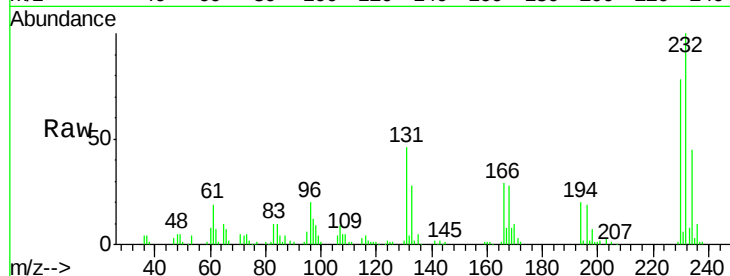




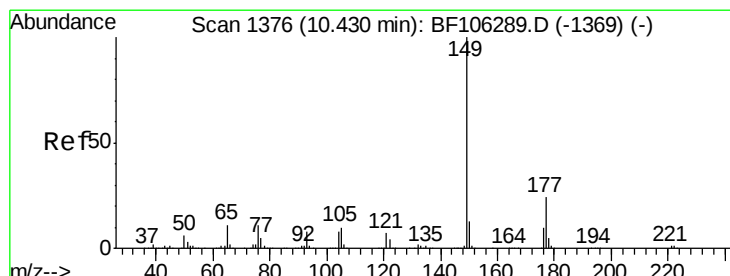
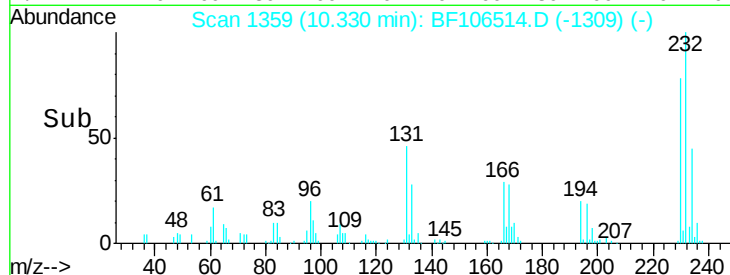
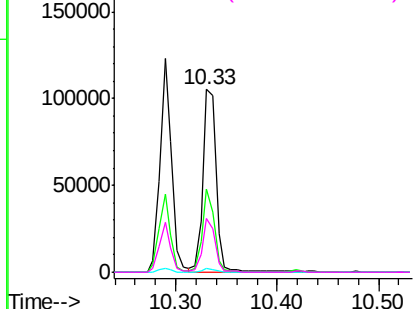
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.330 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF106514.D
 Acq: 16 Jun 2018 2:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 232 Resp: 97773
 Ion Ratio Lower Upper
 232 100
 131 40.7 43.8 65.8#
 130 1.8 2.1 3.1#
 166 26.9 27.8 41.6#

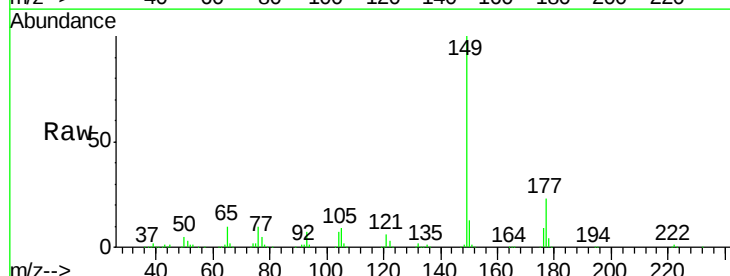


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

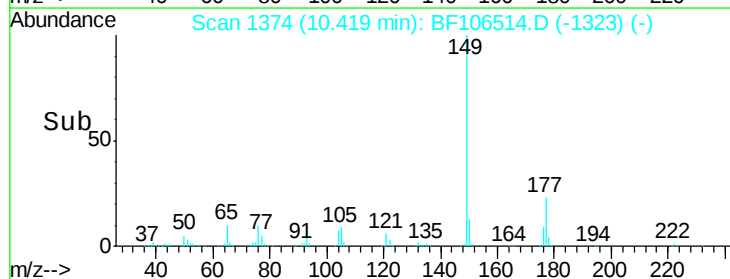
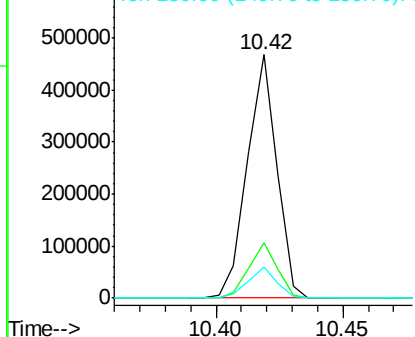


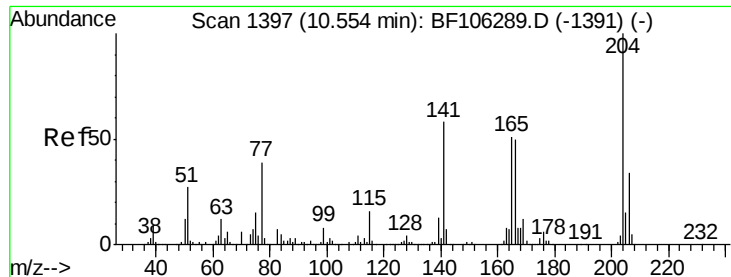
#59
 Diethylphthalate
 Concen: 40.880 ng
 RT: 10.42 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF106514.D
 Acq: 16 Jun 2018 2:03

Tgt Ion: 149 Resp: 378800
 Ion Ratio Lower Upper
 149 100
 177 22.6 16.1 24.1
 150 12.6 10.1 15.1



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

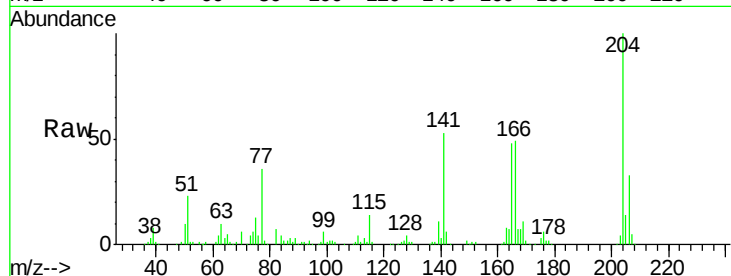




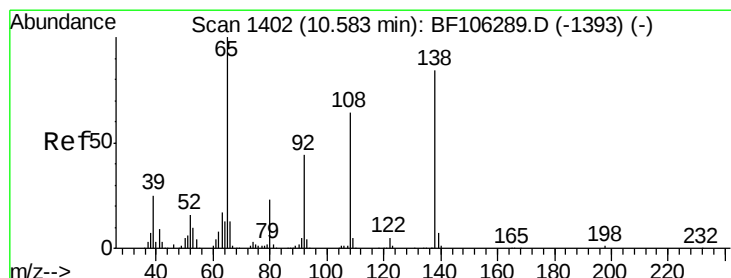
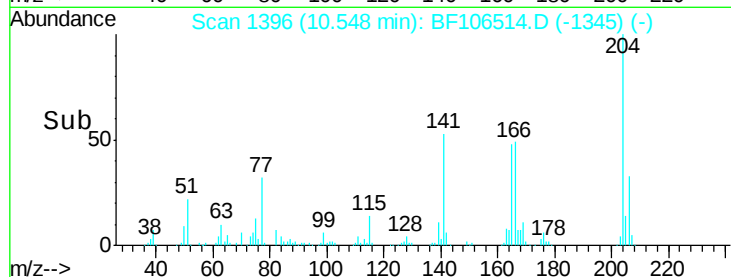
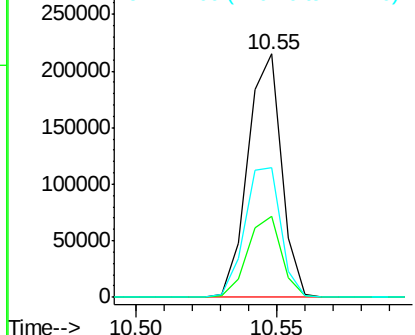
#60
4-Chlorophenyl-phenylether
Concen: 39.573 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 204 Resp: 177792
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 53.2 54.6 81.8#

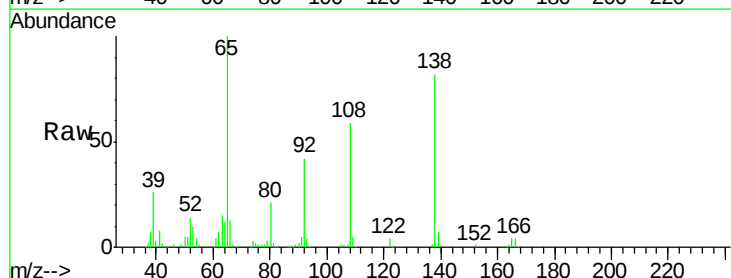


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

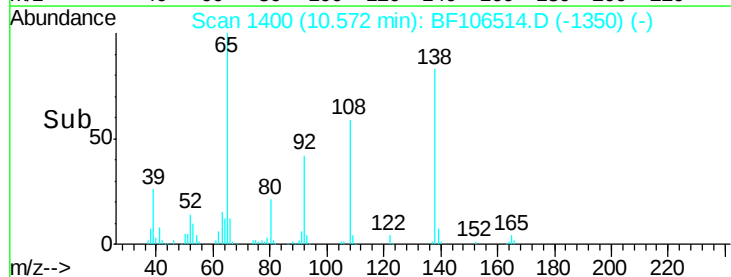
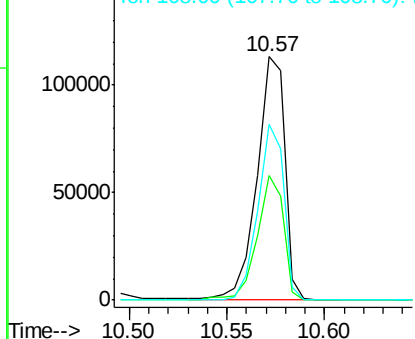


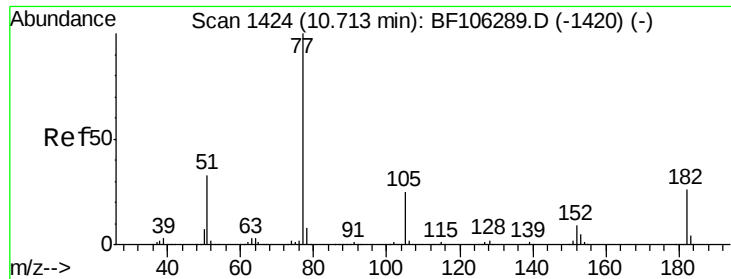
#61
4-Nitroaniline
Concen: 50.923 ng
RT: 10.57 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Tgt Ion: 138 Resp: 112137
Ion Ratio Lower Upper
138 100
92 51.0 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: 35.596 ng

RT: 10.71 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 343933

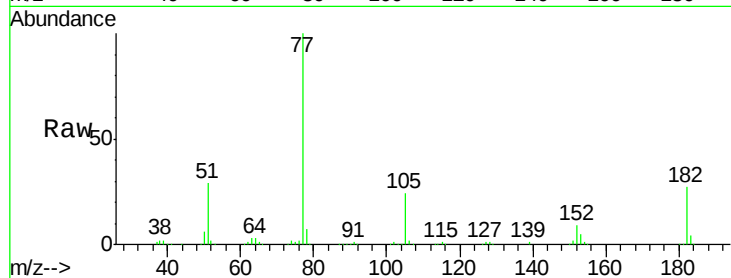
Ion Ratio Lower Upper

77 100

182 26.6 1.7 41.7

105 23.8 3.0 43.0

51 28.8 9.9 49.9

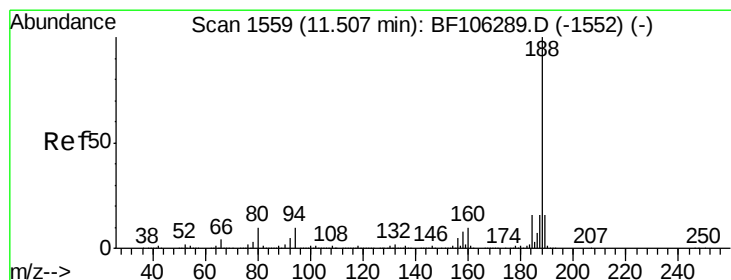
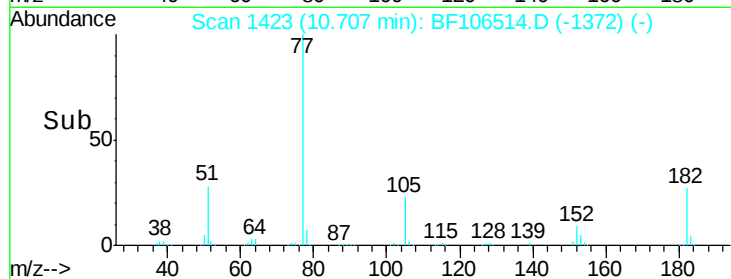
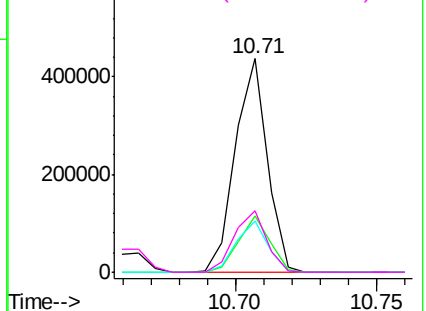


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

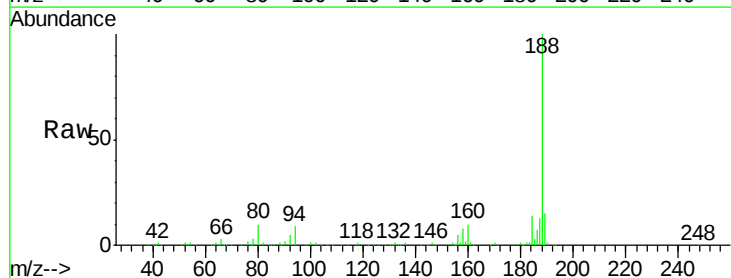
Tgt Ion: 188 Resp: 257013

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

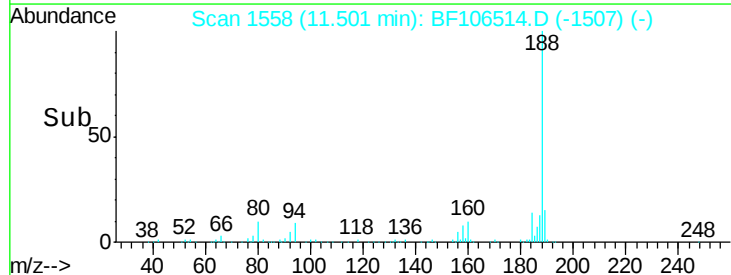
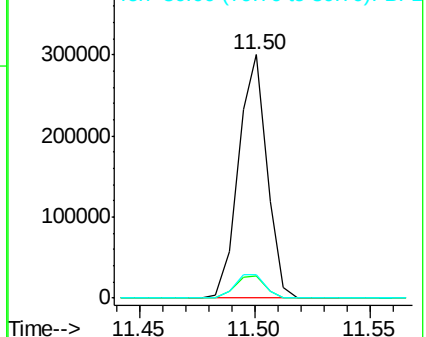
80 9.8 9.2 13.8

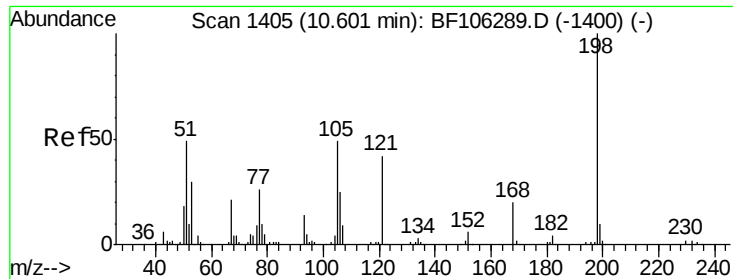


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

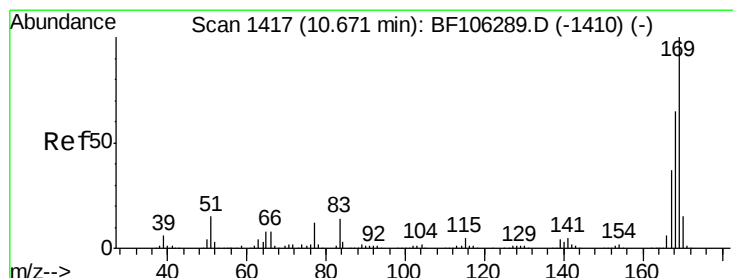
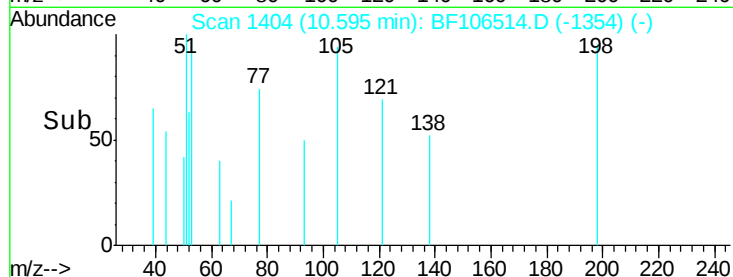
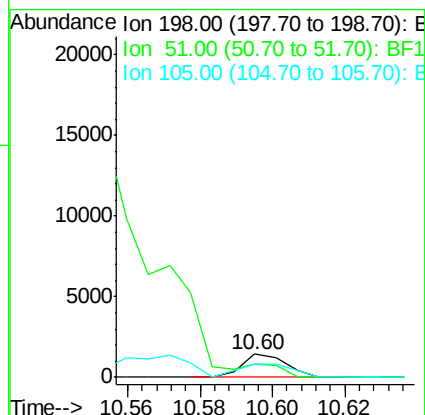
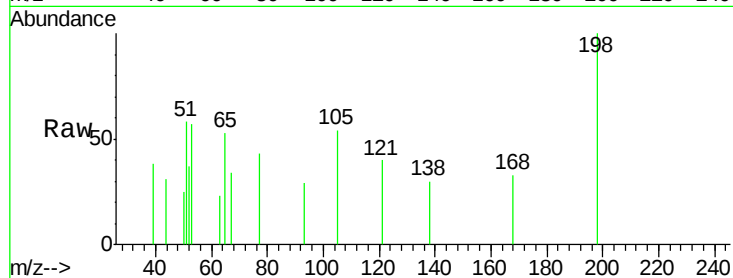




#64
4,6-Dinitro-2-methylphenol
Concen: 7.052 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

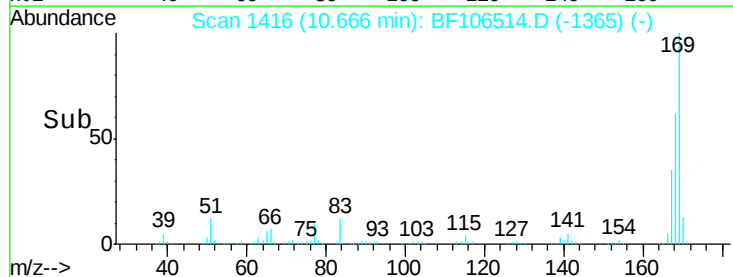
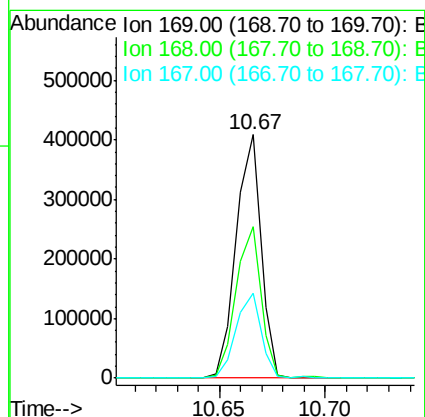
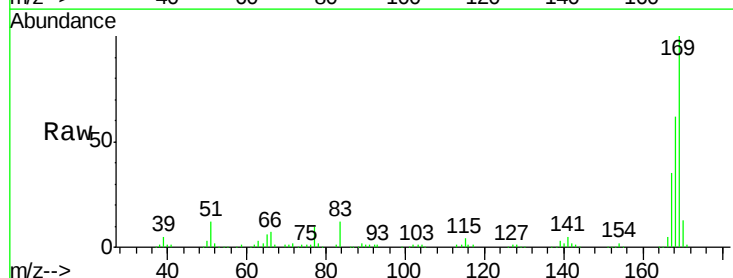
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

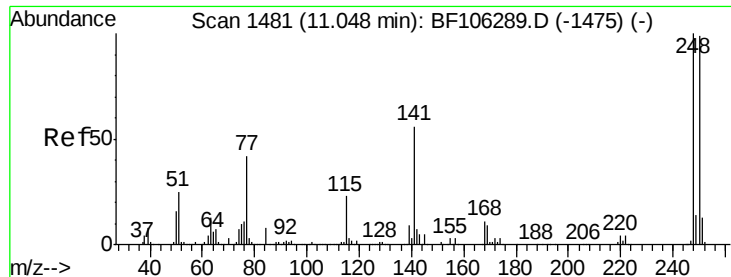
Tgt Ion:198 Resp: 1208
Ion Ratio Lower Upper
198 100
51 58.0 37.7 77.7
105 54.4 36.3 76.3



#65
n-Nitrosodiphenylamine
Concen: 38.439 ng
RT: 10.67 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Tgt Ion:169 Resp: 332032
Ion Ratio Lower Upper
169 100
168 62.3 54.4 81.6
167 35.1 29.8 44.6

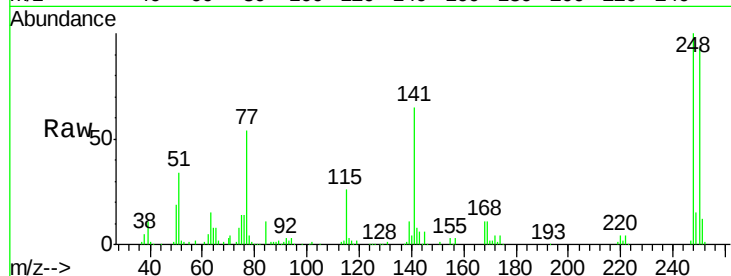




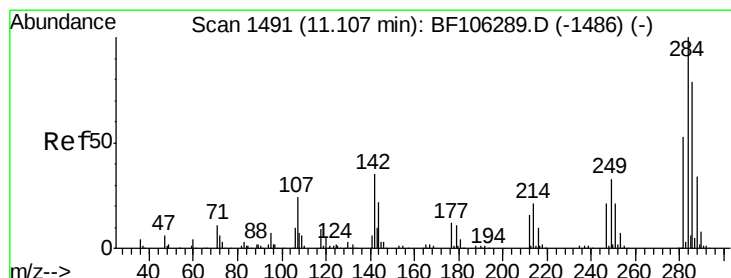
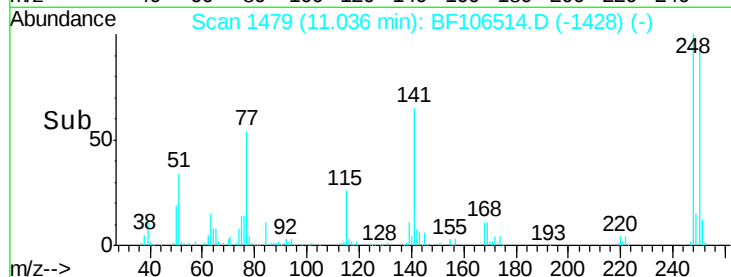
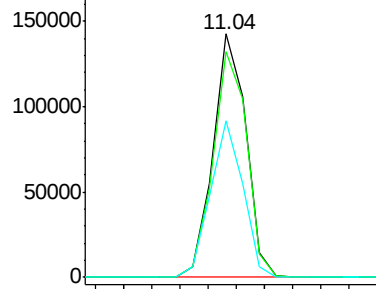
#66
 4-Bromophenyl-phenylether
 Concen: 39.233 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF106514.D
 Acq: 16 Jun 2018 2:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:248 Resp: 114687
 Ion Ratio Lower Upper
 248 100
 250 92.7 76.9 115.3
 141 64.5 74.4 111.6#

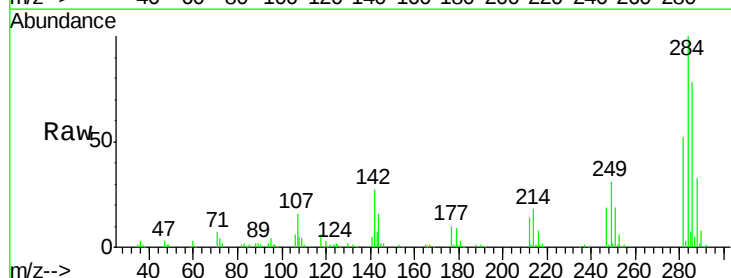


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

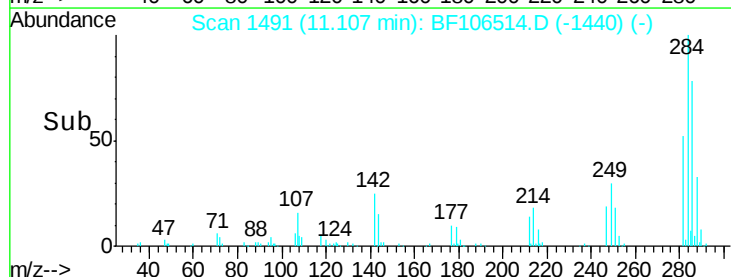
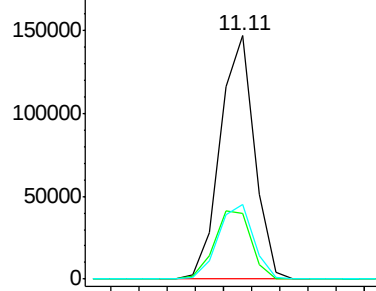


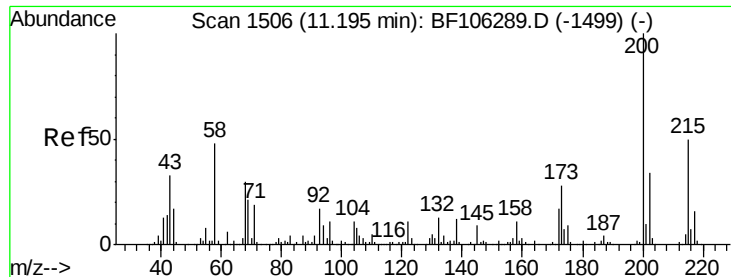
#67
 Hexachlorobenzene
 Concen: 40.847 ng
 RT: 11.11 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BF106514.D
 Acq: 16 Jun 2018 2:03

Tgt Ion:284 Resp: 123100
 Ion Ratio Lower Upper
 284 100
 142 26.8 34.6 52.0#
 249 30.7 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

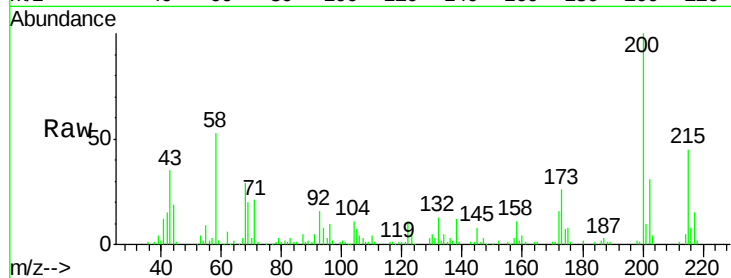




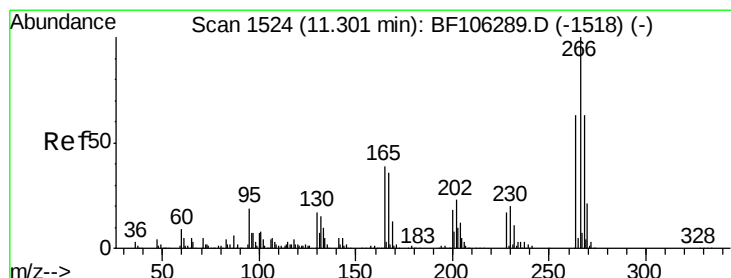
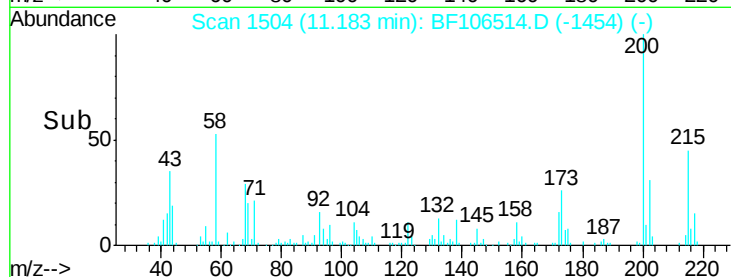
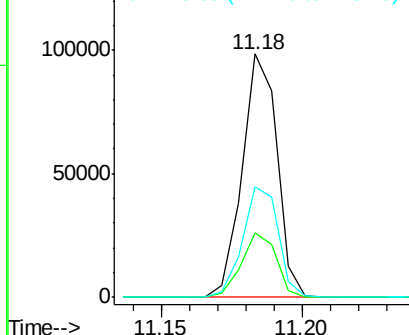
#68
Atrazine
Concen: 31.486 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 83813
Ion Ratio Lower Upper
200 100
173 26.3 8.6 48.6
215 45.4 25.1 65.1

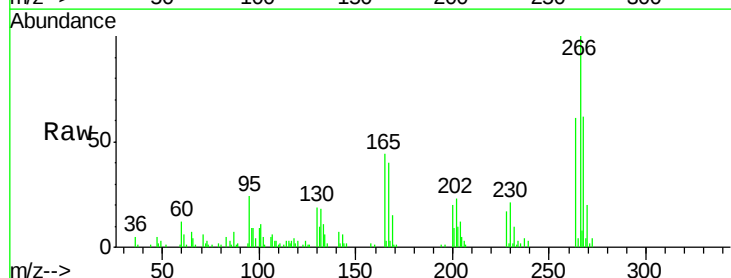


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

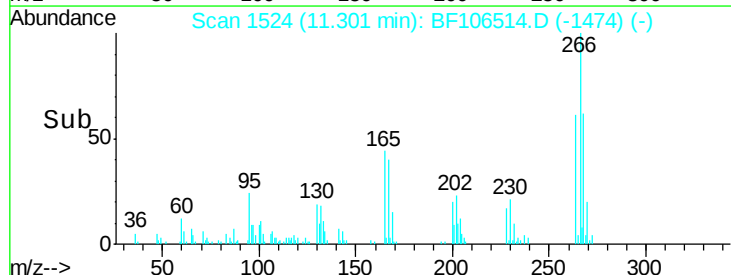
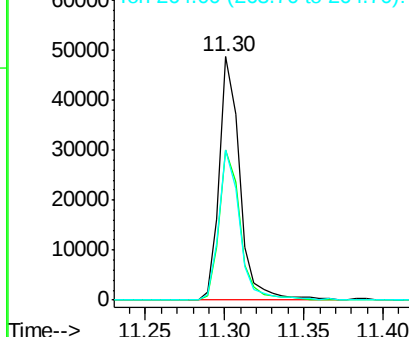


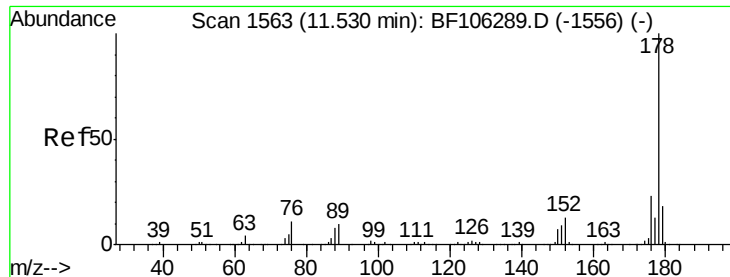
#69
Pentachlorophenol
Concen: 23.781 ng
RT: 11.30 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Tgt Ion:266 Resp: 44124
Ion Ratio Lower Upper
266 100
268 61.5 51.1 76.7
264 61.5 49.5 74.3



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





#70

Phenanthrene

Concen: 41.391 ng

RT: 11.52 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

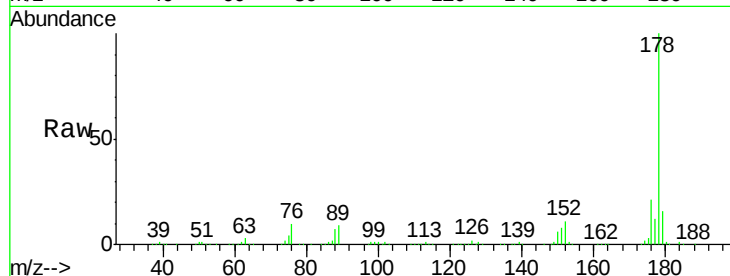
Tgt Ion:178 Resp: 520990

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.8

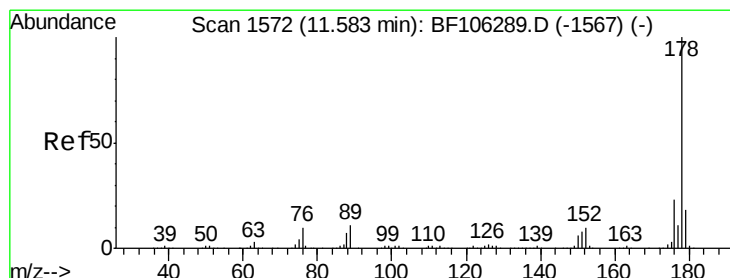
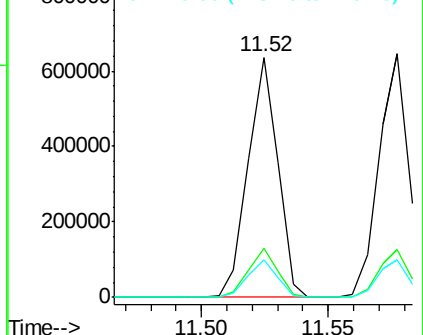
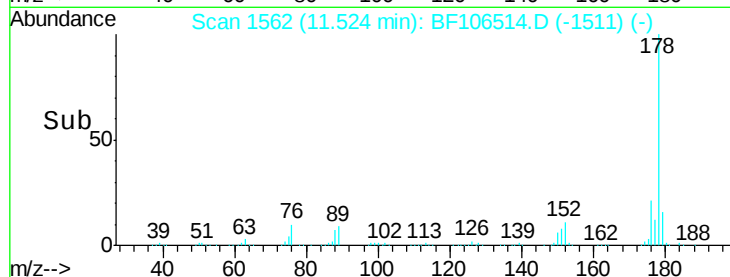
179 15.8 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 41.999 ng

RT: 11.58 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

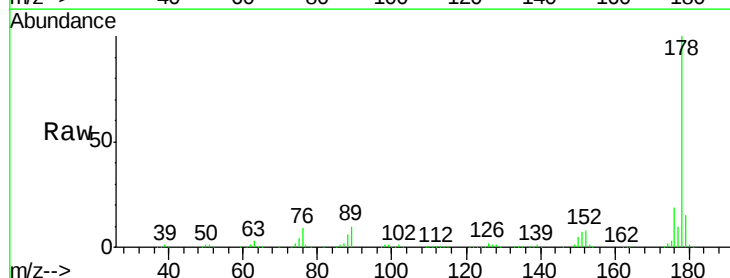
Tgt Ion:178 Resp: 529594

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

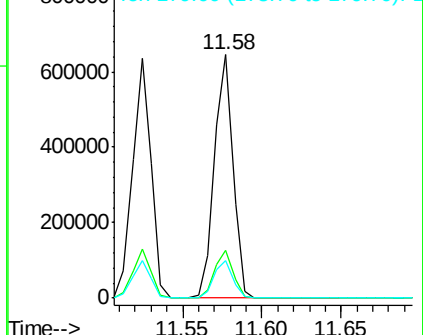
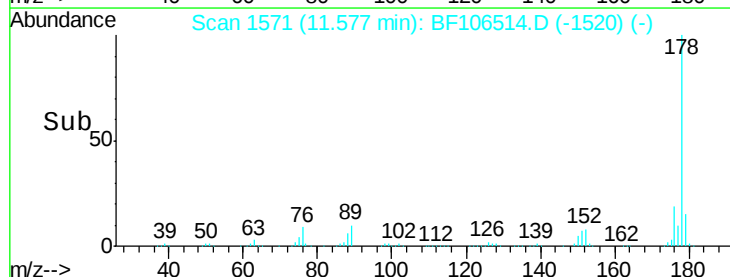
179 15.4 12.6 19.0

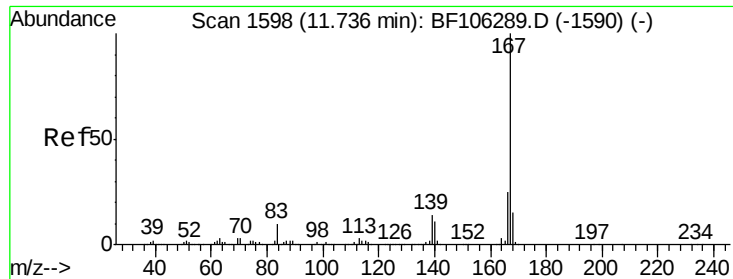


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 42.603 ng

RT: 11.73 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

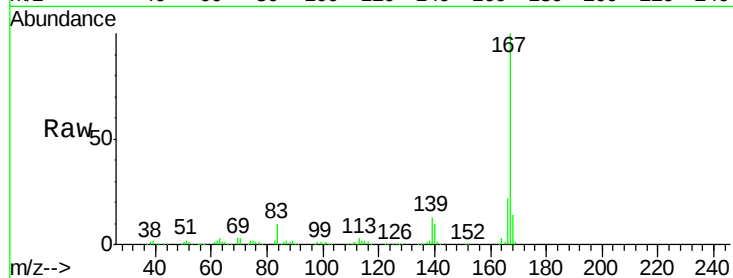
Tgt Ion:167 Resp: 495967

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

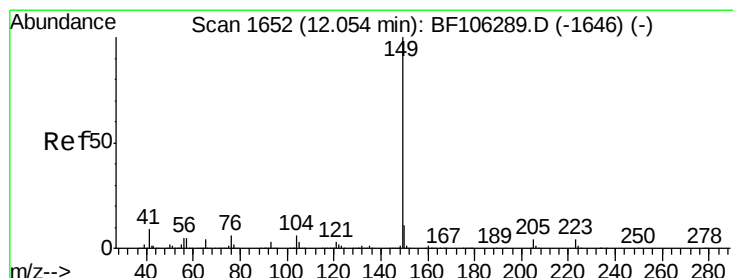
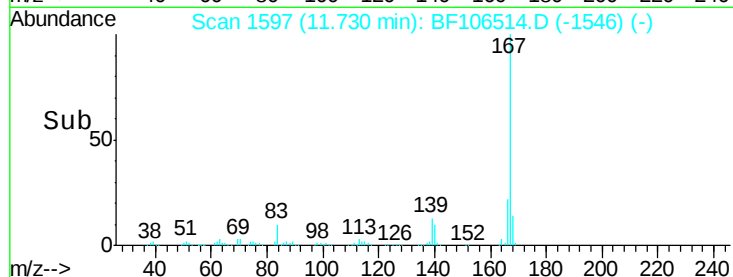
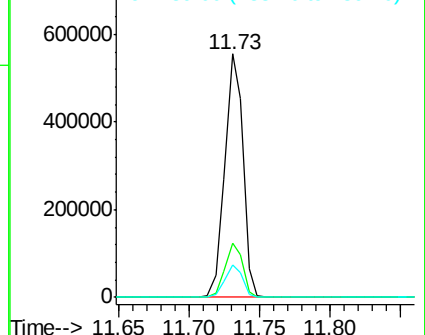
139 13.5 10.9 16.3



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: 41.905 ng

RT: 12.05 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

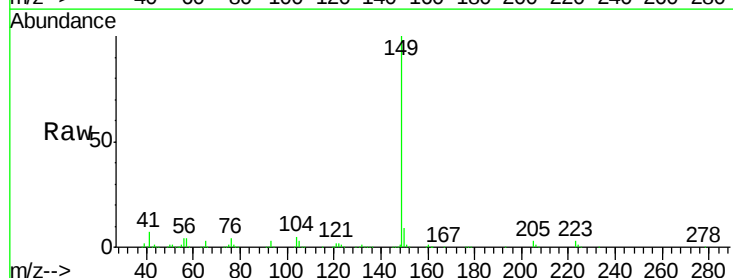
Tgt Ion:149 Resp: 542937

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

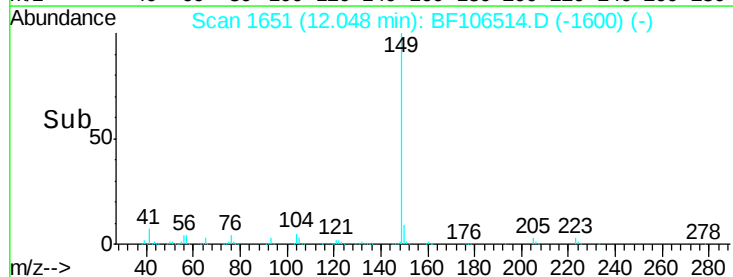
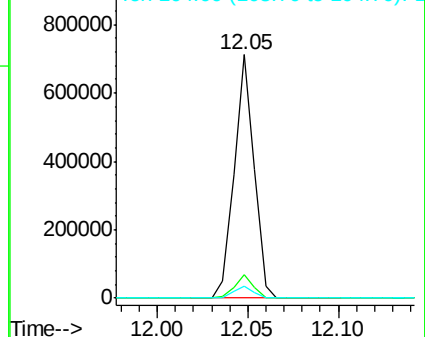
104 4.8 3.8 5.8

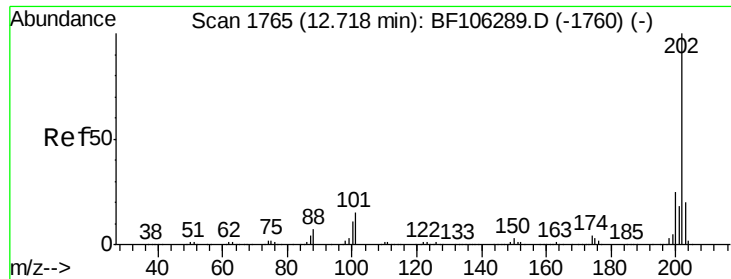


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

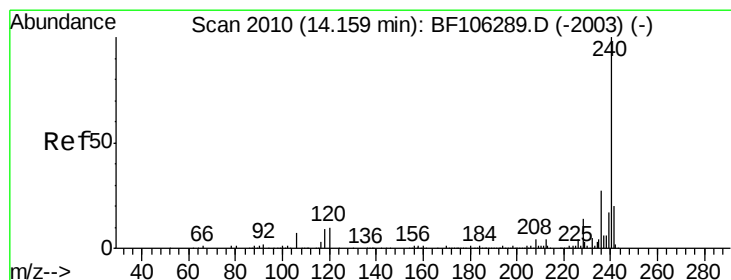
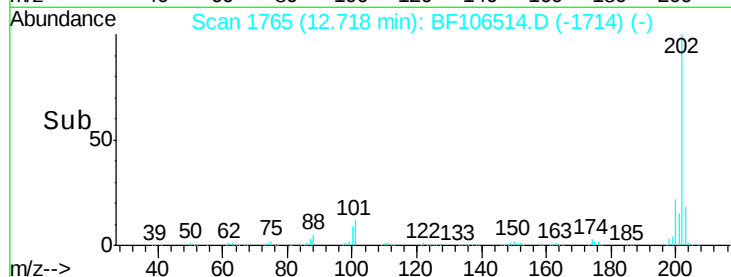
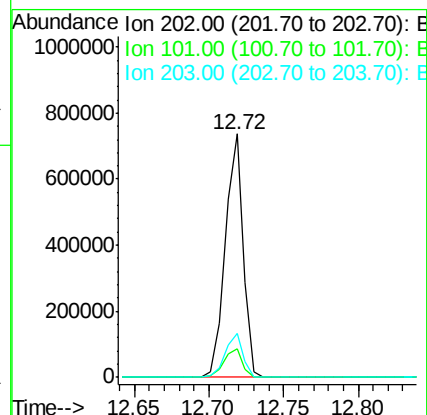
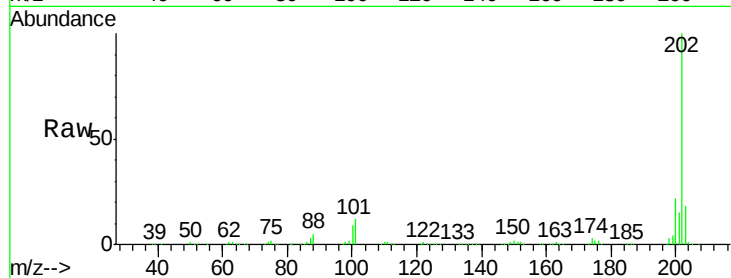




#74
 Fluoranthene
 Concen: 46.606 ng
 RT: 12.72 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BF106514.D
 Acq: 16 Jun 2018 2:03

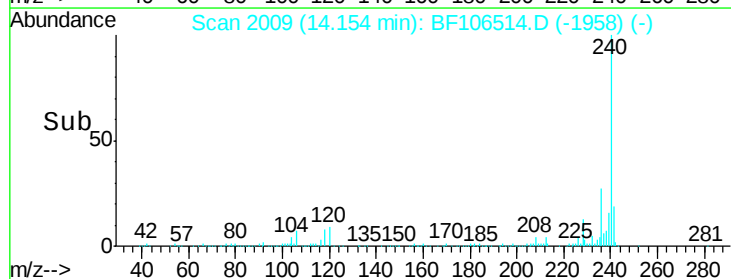
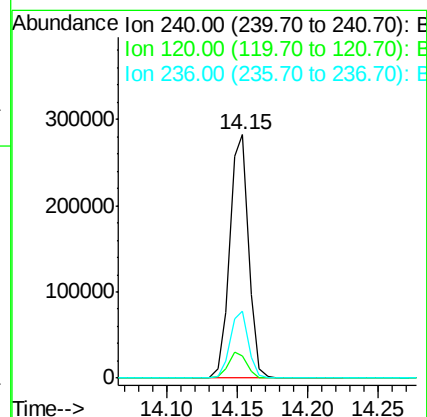
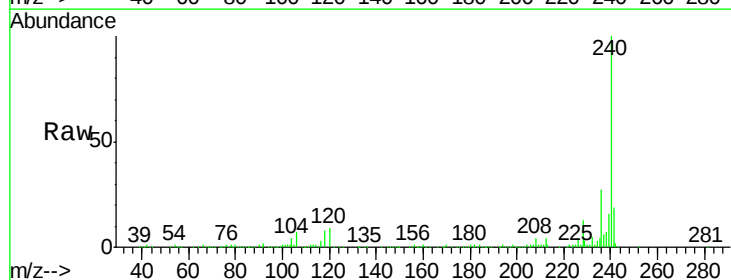
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

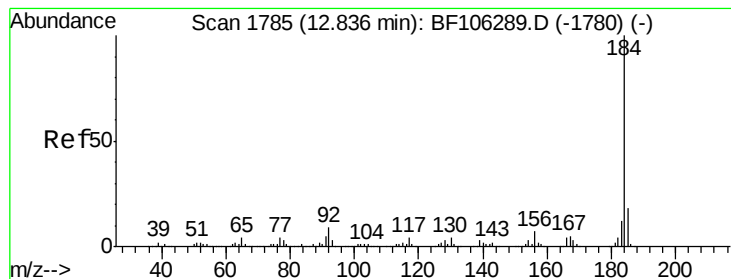
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.1
203	17.9	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BF106514.D
 Acq: 16 Jun 2018 2:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	27.4	20.7	31.1





#76

Benzidine

Concen: 39.406 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

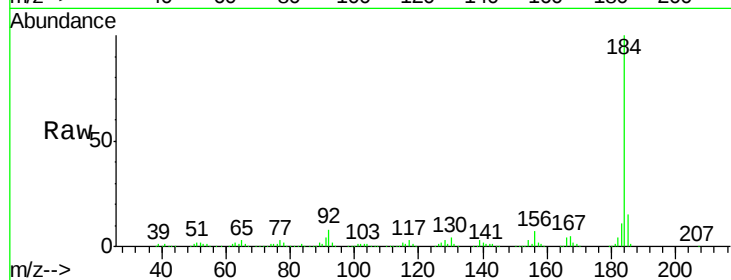
Tgt Ion:184 Resp: 342744

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

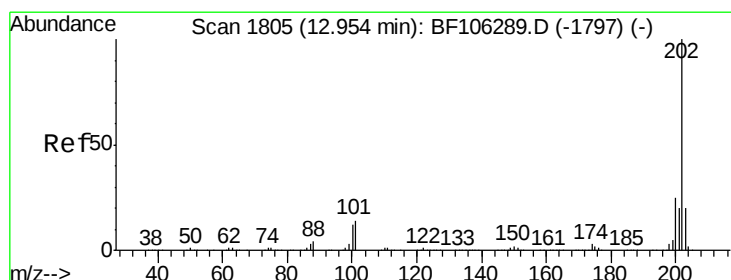
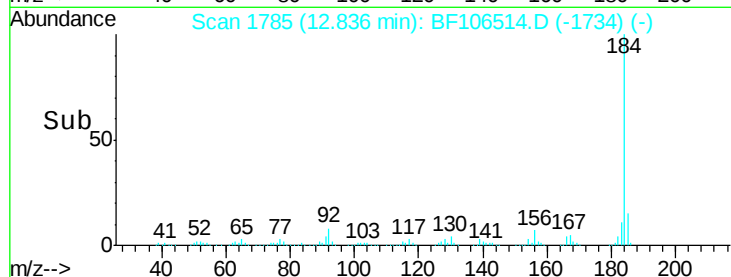
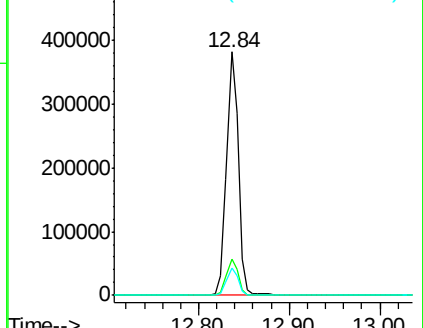
183 11.3 9.3 13.9



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

Pyrene

Concen: 40.038 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

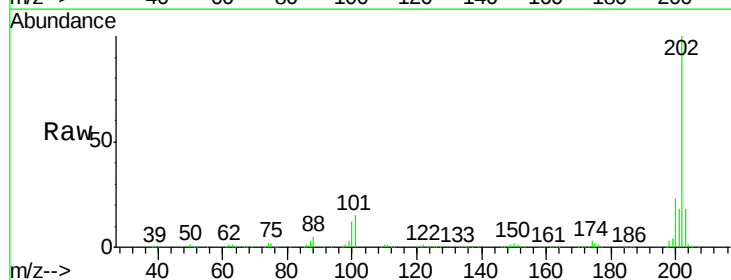
Tgt Ion:202 Resp: 655072

Ion Ratio Lower Upper

202 100

200 22.6 17.4 26.2

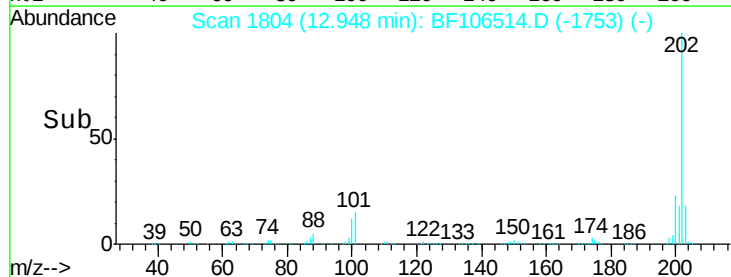
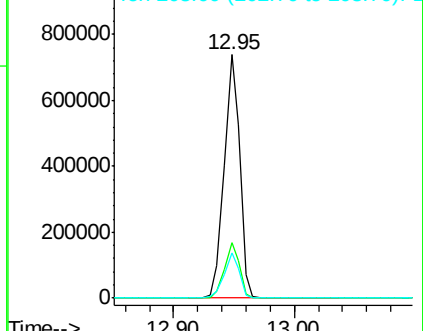
203 18.5 14.3 21.5

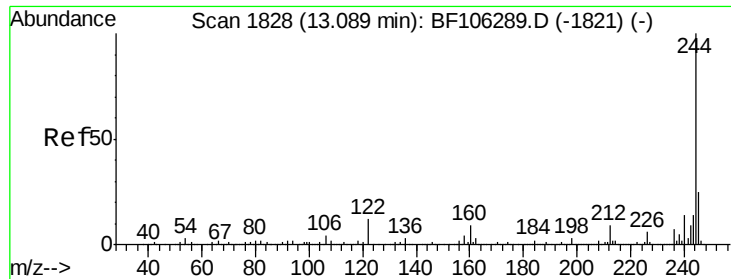


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 82.458 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

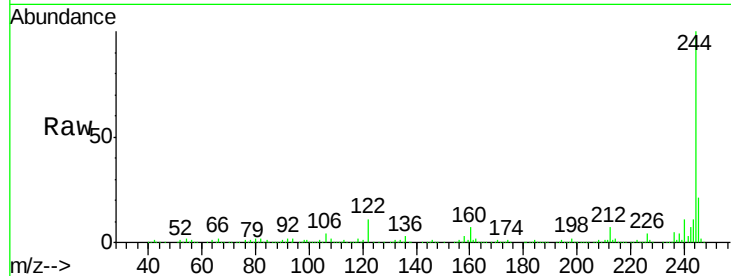
Tgt Ion:244 Resp: 867612

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

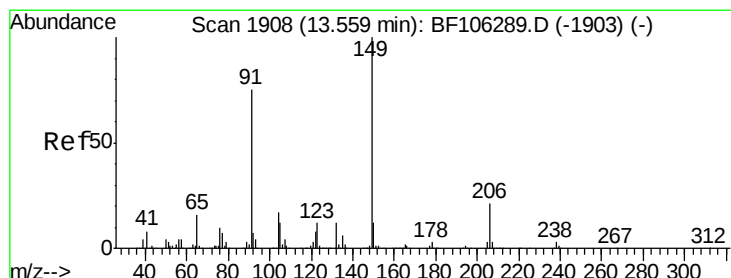
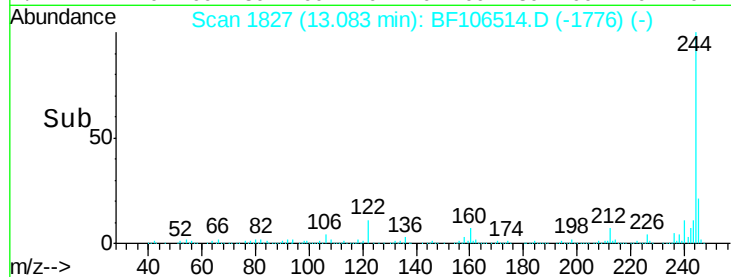
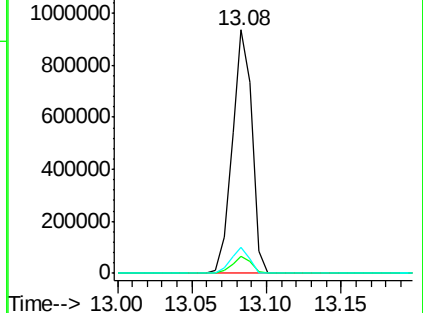
122 10.6 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 43.615 ng

RT: 13.55 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

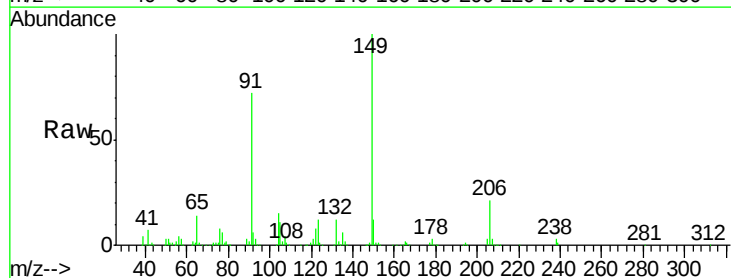
Tgt Ion:149 Resp: 267119

Ion Ratio Lower Upper

149 100

91 72.2 56.8 85.2

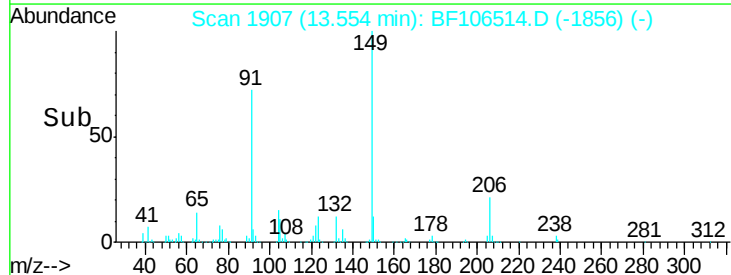
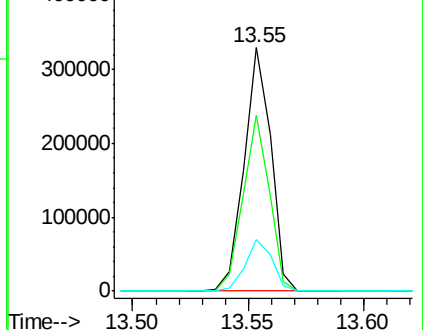
206 21.2 14.1 21.1#

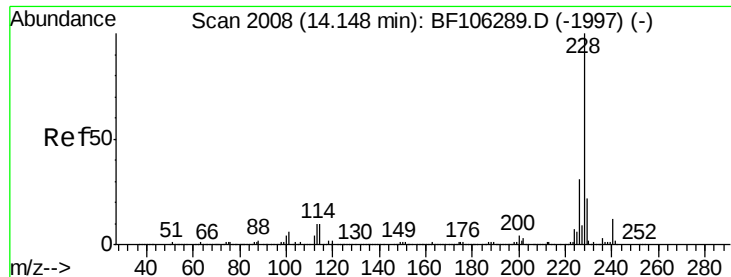


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 39.549 ng

RT: 14.14 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

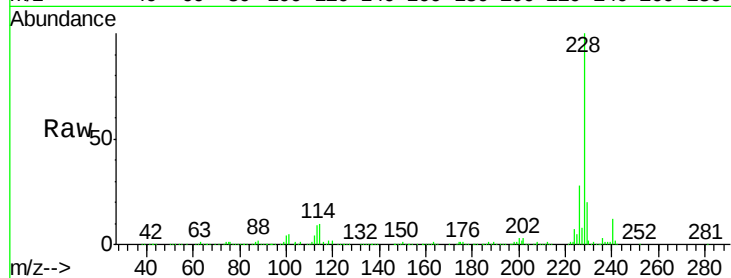
Tgt Ion:228 Resp: 615070

Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

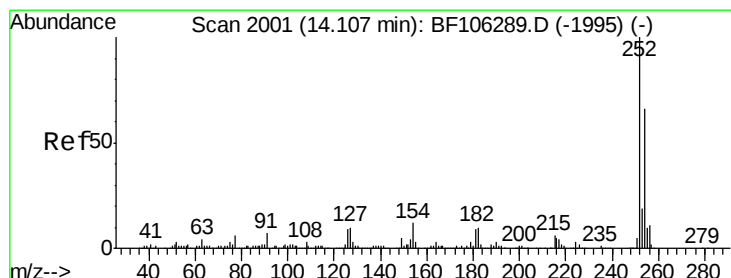
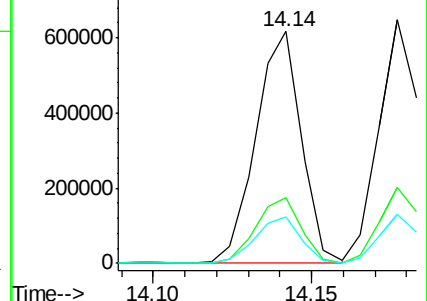
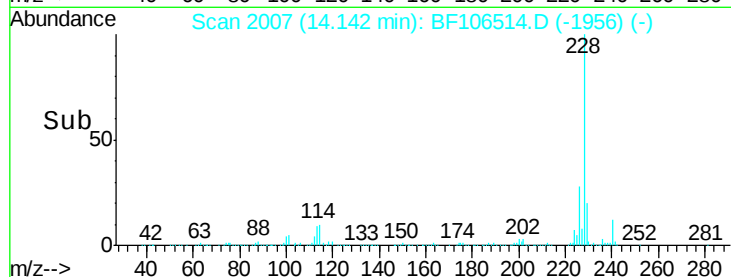
229 20.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 45.240 ng

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

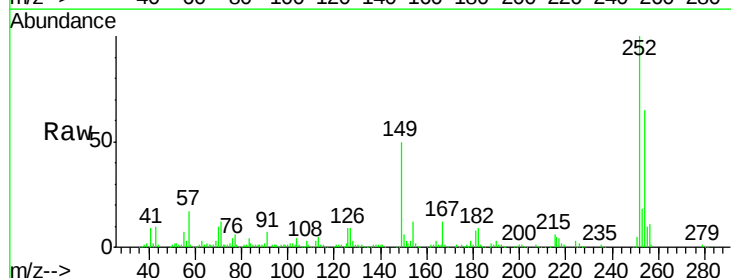
Tgt Ion:252 Resp: 237385

Ion Ratio Lower Upper

252 100

254 65.5 50.4 75.6

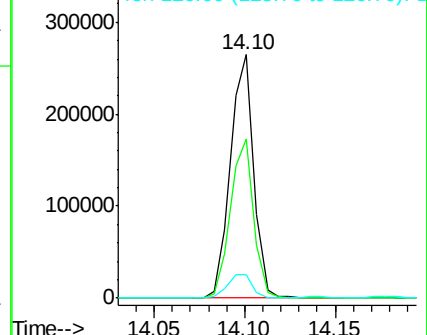
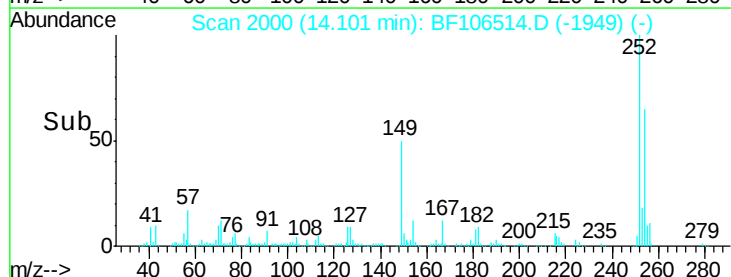
126 9.5 11.3 16.9#

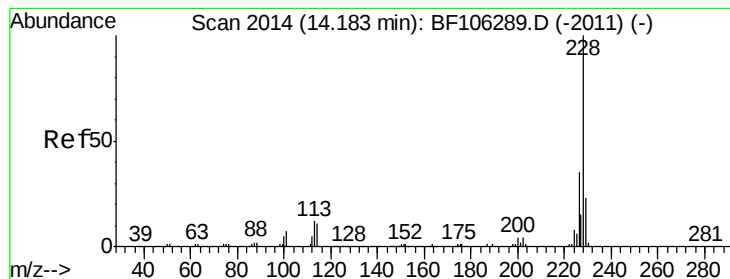


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 39.927 ng

RT: 14.18 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

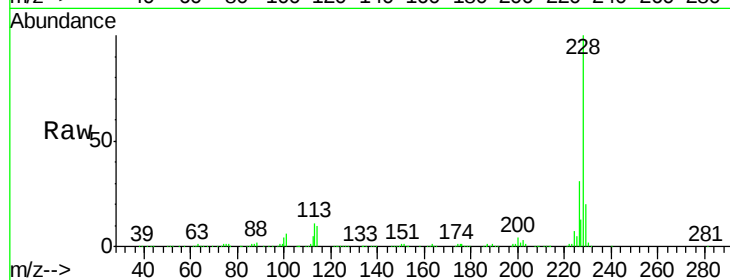
Tgt Ion:228 Resp: 566933

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

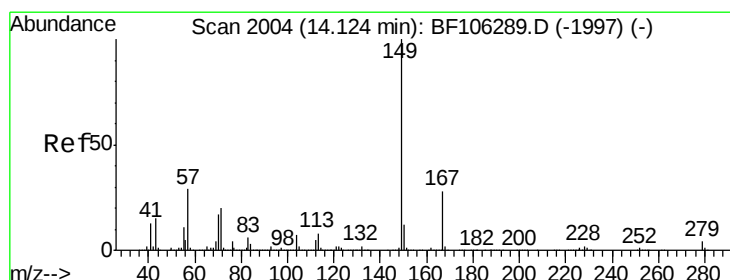
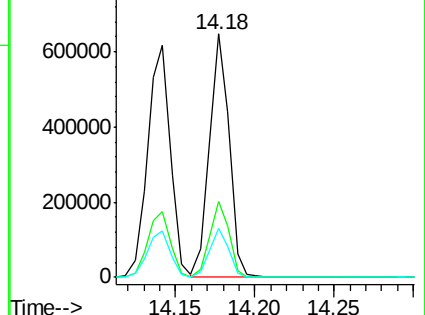
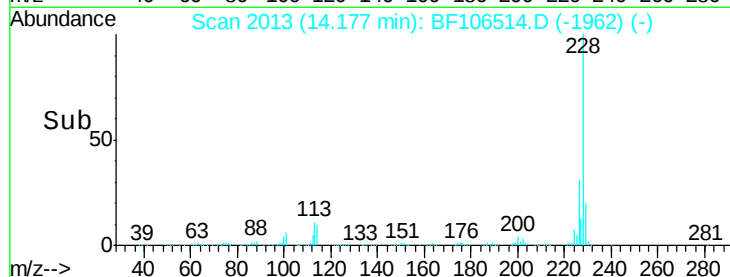
229 20.4 16.2 24.4



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: 40.387 ng

RT: 14.11 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

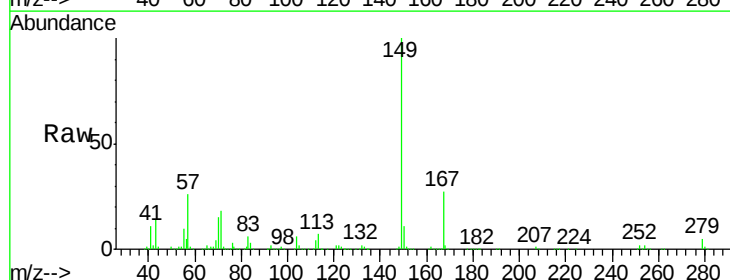
Tgt Ion:149 Resp: 354654

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

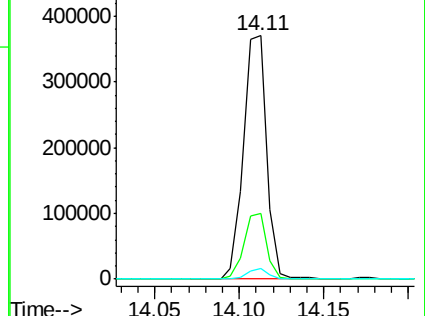
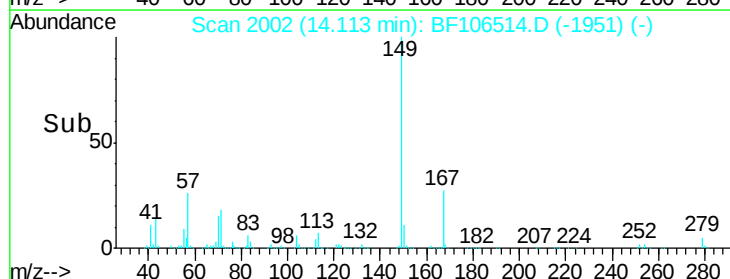
279 4.6 3.0 4.4#

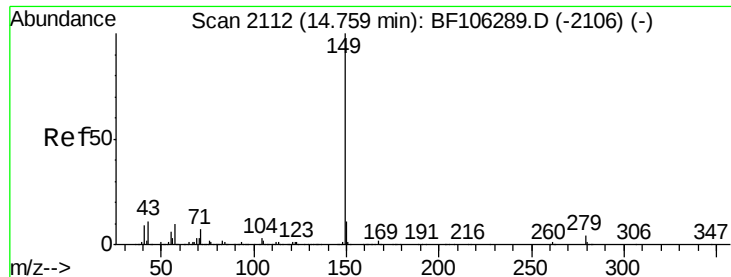


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

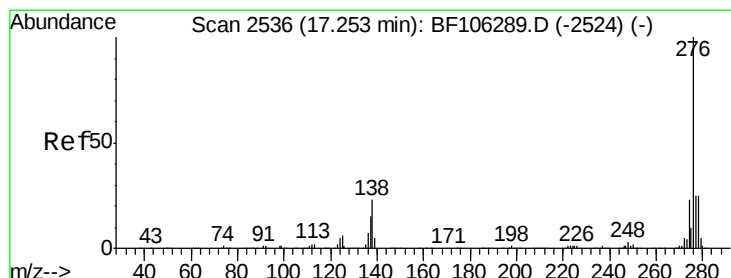
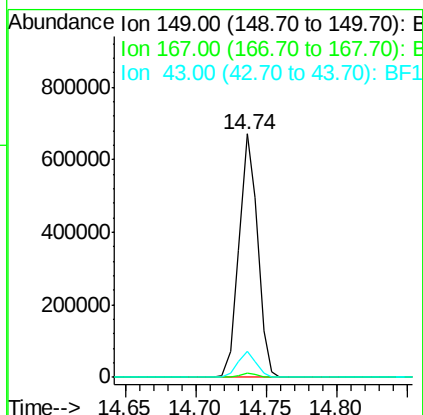
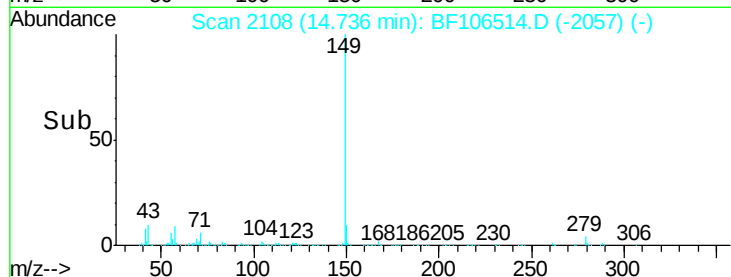
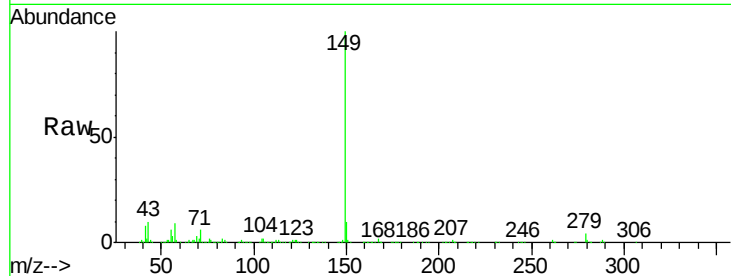




#84
Di-n-octyl phthalate
Concen: 48.777 ng
RT: 14.74 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

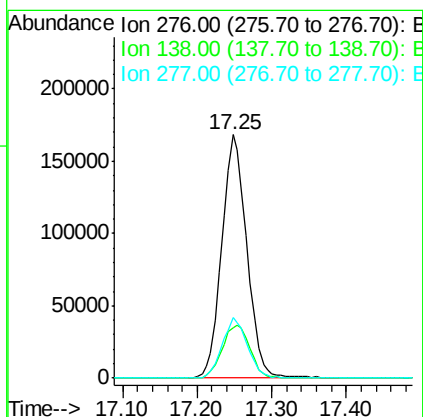
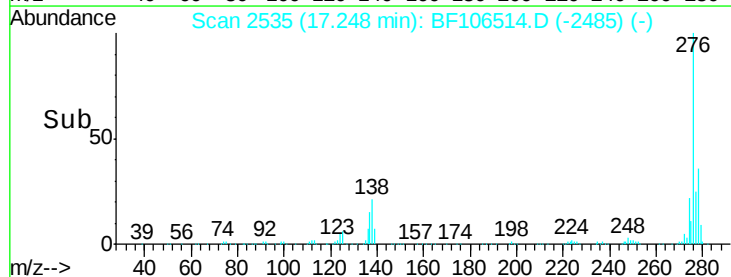
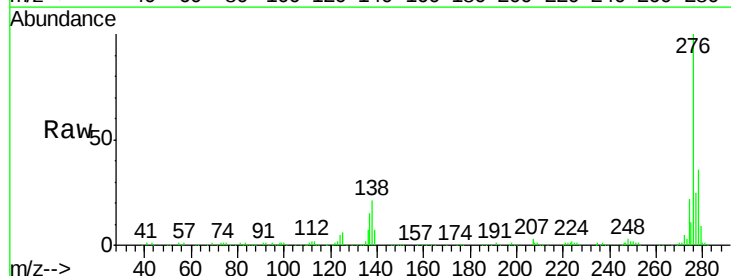
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

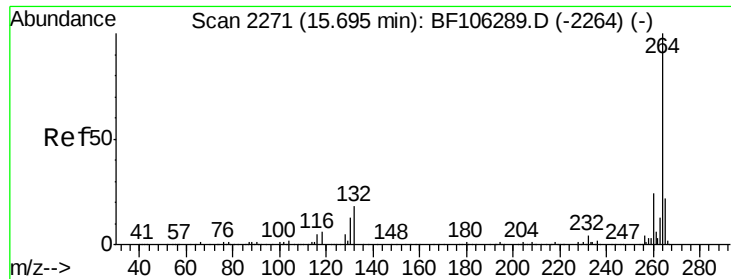
Tgt Ion:149 Resp: 617505
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.5 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 34.690 ng
RT: 17.25 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Tgt Ion:276 Resp: 393113
Ion Ratio Lower Upper
276 100
138 24.2 25.0 37.6#
277 24.9 20.1 30.1

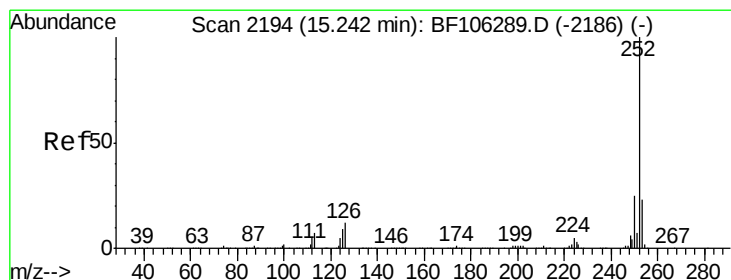
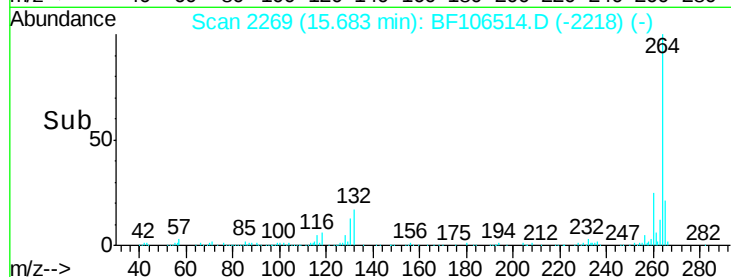
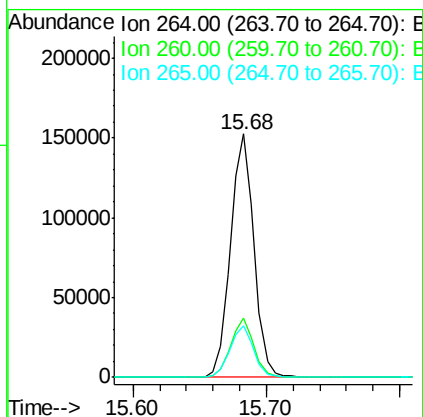
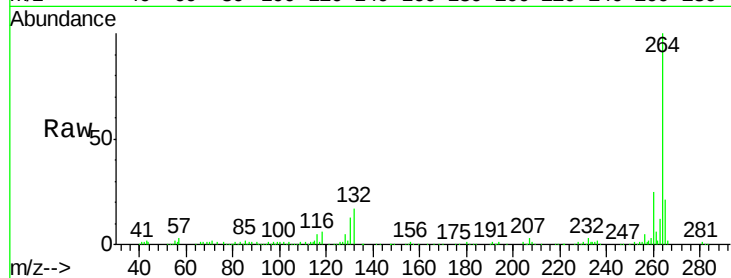




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

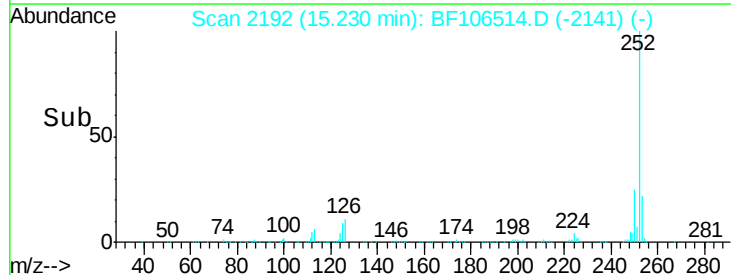
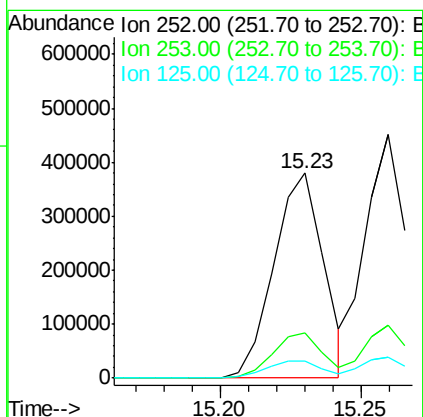
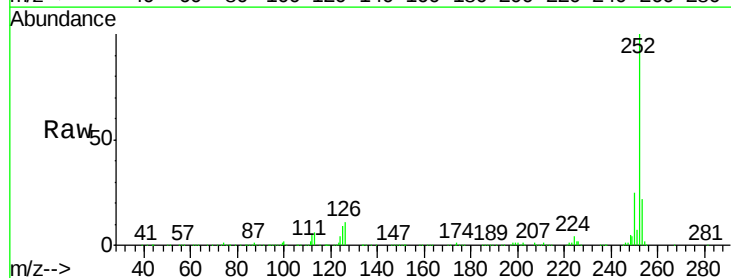
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

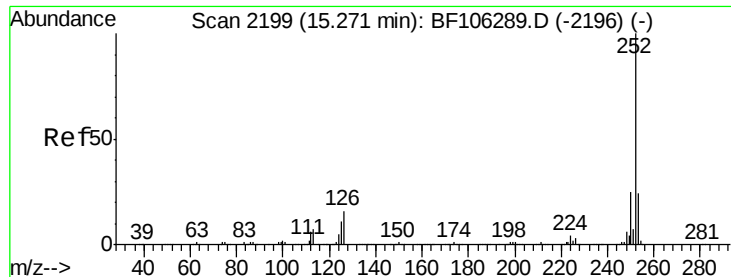
Tgt Ion: 264 Resp: 187980
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 21.0 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 40.704 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Tgt Ion: 252 Resp: 462528
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 8.6 9.0 13.6#

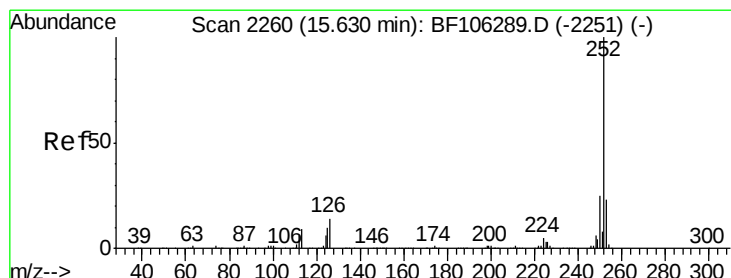
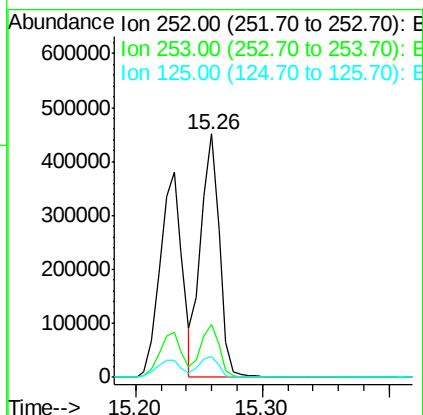
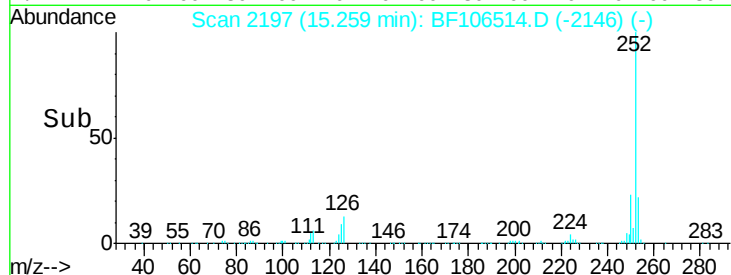
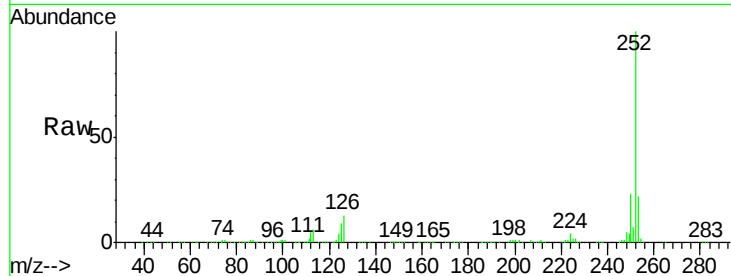




#88
Benzo(k)fluoranthene
Concen: 40.792 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

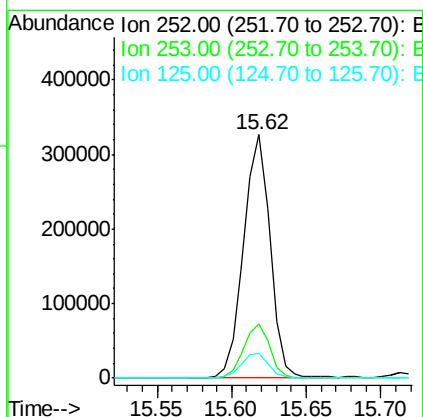
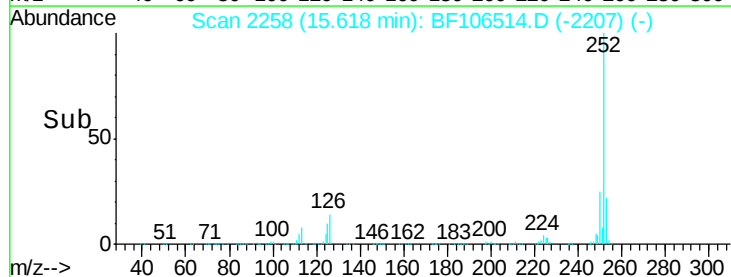
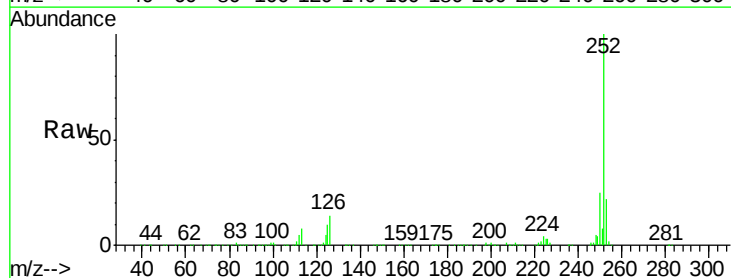
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

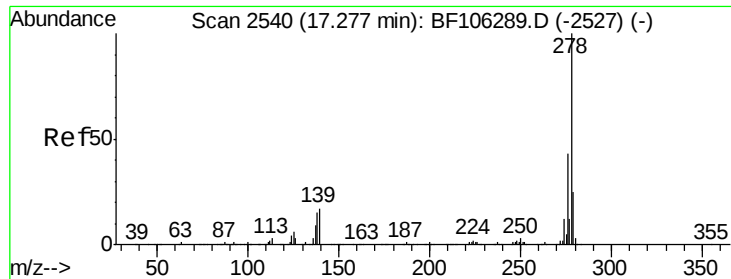
Tgt Ion:252 Resp: 459062
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 8.8 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 39.462 ng
RT: 15.62 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF106514.D
Acq: 16 Jun 2018 2:03

Tgt Ion:252 Resp: 403333
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 9.9 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 39.297 ng

RT: 17.27 min Scan# 2538

Delta R.T. 0.00 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

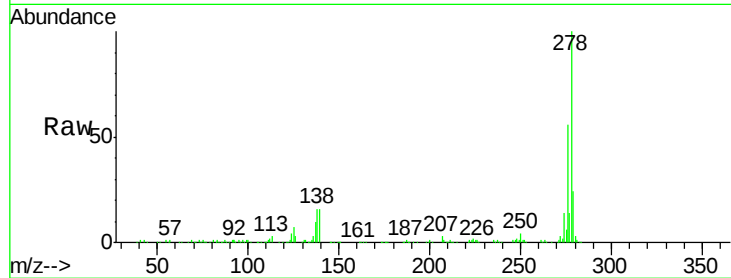
Tgt Ion: 278 Resp: 334847

Ion Ratio Lower Upper

278 100

139 15.6 15.9 23.9#

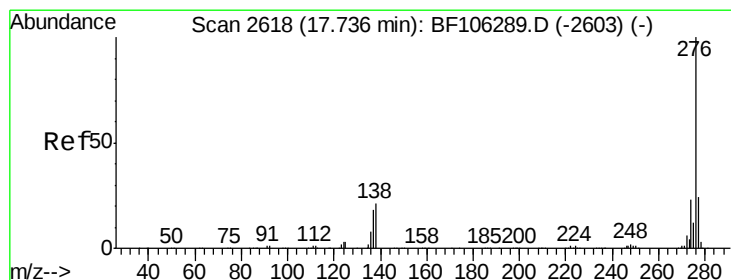
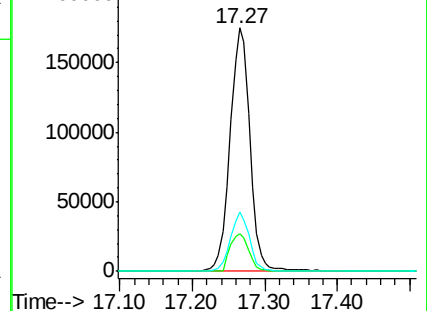
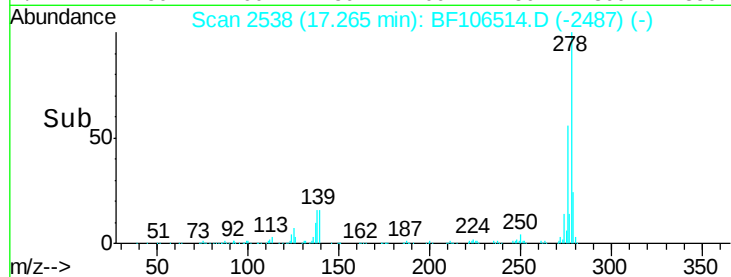
279 24.1 19.0 28.4



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(g,h,i)perylene

Concen: 39.670 ng

RT: 17.72 min Scan# 2616

Delta R.T. -0.01 min

Lab File: BF106514.D

Acq: 16 Jun 2018 2:03

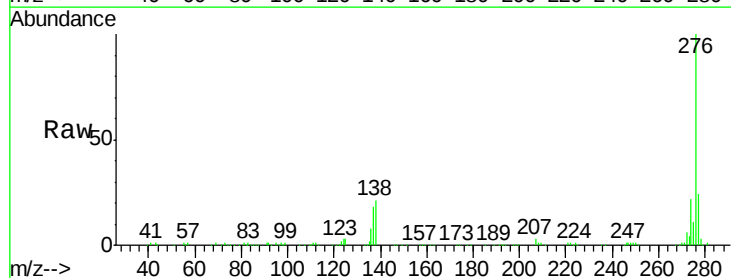
Tgt Ion: 276 Resp: 328507

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 20.5 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

