

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106291.D
 Acq On : 11 Jun 2018 13:32
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 11 14:02:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 13:10:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	195175	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	805185	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	385381	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	759196	20.00	ng	0.00
75) Chrysene-d12	14.16	240	622134	20.00	ng	0.00
86) Perylene-d12	15.69	264	498607	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	1301806	100.32	ng	0.00
7) Phenol-d6	6.60	99	1665235	107.99	ng	0.00
23) Nitrobenzene-d5	7.54	82	1604968	116.01	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	483186	97.04	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	2282087	85.35	ng	0.00
78) Terphenyl-d14	13.09	244	2524792	87.24	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.84	88	351996	59.873	ng	96
3) Pyridine	3.61	79	996031	65.288	ng	98
4) n-Nitrosodimethylamine	3.58	42	464576	62.207	ng	97
6) Aniline	6.64	93	1276613	63.847	ng	97
8) 2-Chlorophenol	6.76	128	718623	52.139	ng	99
9) Benzaldehyde	6.52	77	570816	54.451	ng	98
10) Phenol	6.61	94	900886	51.209	ng	94
11) bis(2-Chloroethyl)ether	6.71	93	782971	60.561	ng	95
12) 1,3-Dichlorobenzene	6.91	146	832051	54.837	ng	98
13) 1,4-Dichlorobenzene	6.99	146	833127	53.772	ng	98
14) 1,2-Dichlorobenzene	7.15	146	761102	53.303	ng	97
15) Benzyl Alcohol	7.11	79	723663	60.488	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1123857	49.479	ng	97
17) 2-Methylphenol	7.21	107	661224	56.828	ng	98
18) Hexachloroethane	7.48	117	304165	54.334	ng	100
19) n-Nitroso-di-n-propylamine	7.39	70	607735	62.354	ng	96
20) 3+4-Methylphenols	7.37	107	801562	57.864	ng	90
22) Acetophenone	7.38	105	1084178	58.608	ng	99
24) Nitrobenzene	7.56	77	840378	57.693	ng	99
25) Isophorone	7.80	82	1536405	58.676	ng	98
26) 2-Nitrophenol	7.87	139	377905	51.419	ng	97
27) 2,4-Dimethylphenol	7.90	122	667619	55.300	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	961815	59.886	ng	97
29) 2,4-Dichlorophenol	8.11	162	655679	57.958	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	690143	57.676	ng	96
31) Naphthalene	8.28	128	1892690	48.274	ng	# 93
32) Benzoic acid	8.03	122	416606	46.452	ng	89
33) 4-Chloroaniline	8.32	127	896333	55.065	ng	96
34) Hexachlorobutadiene	8.39	225	440567	68.345	ng	99
35) Caprolactam	8.71	113	222570	63.659	ng	86
36) 4-Chloro-3-methylphenol	8.80	107	714774	58.695	ng	99
37) 2-Methylnaphthalene	8.97	142	1342099	50.899	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	703508	60.509	ng	98
40) Hexachlorocyclopentadiene	9.12	237	434694	55.246	ng	100

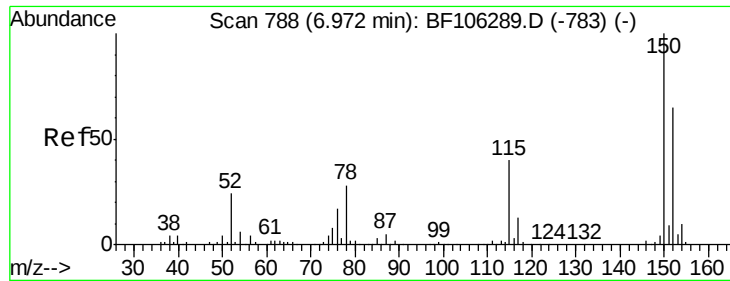
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	495837	62.718	nq	98
43) 2,4,5-Trichlorophenol	9.28	196	520671	60.946	nq	97
45) 1,1'-Biphenyl	9.44	154	1565358	45.640	nq	92
46) 2-Chloronaphthalene	9.46	162	1302055	50.686	nq	97
47) 2-Nitroaniline	9.55	65	497575	57.650	nq	87
48) Acenaphthylene	9.88	152	1941619	49.313	nq	# 91
49) Dimethylphthalate	9.74	163	1541142	52.091	nq	# 96
50) 2,6-Dinitrotoluene	9.80	165	362274	55.618	nq	94
51) Acenaphthene	10.05	154	1296982	49.758	nq	97
52) 3-Nitroaniline	9.97	138	423780	56.465	nq	98
53) 2,4-Dinitrophenol	10.07	184	152513	39.842	nq	# 23
54) Dibenzofuran	10.22	168	1680852	48.004	nq	# 88
55) 4-Nitrophenol	10.11	139	336573	54.828	nq	90
56) 2,4-Dinitrotoluene	10.20	165	469674	55.426	nq	97
57) Fluorene	10.57	166	1316734	49.694	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	426595	60.438	nq	# 87
59) Diethylphthalate	10.44	149	1485932	50.345	nq	# 91
60) 4-Chlorophenyl-phenylether	10.55	204	712915	58.094	nq	92
61) 4-Nitroaniline	10.59	138	414691	55.264	nq	94
62) Azobenzene	10.72	77	1500149	51.934	nq	89
64) 4,6-Dinitro-2-methylphenol	10.61	198	259102	56.918	nq	93
65) n-Nitrosodiphenylamine	10.68	169	1369820	53.807	nq	98
66) 4-Bromophenyl-phenylether	11.05	248	495396	58.659	nq	# 84
67) Hexachlorobenzene	11.11	284	517043	53.563	nq	# 88
68) Atrazine	11.20	200	463587	57.289	nq	95
69) Pentachlorophenol	11.30	266	362057	62.164	nq	98
70) Phenanthrene	11.53	178	1879825	43.936	nq	# 91
71) Anthracene	11.58	178	1920173	43.356	nq	# 90
72) Carbazole	11.74	167	1816744	46.866	nq	# 90
73) Di-n-butylphthalate	12.06	149	1968544	41.126	nq	# 94
74) Fluoranthene	12.72	202	2073423	48.750	nq	95
76) Benzidine	12.84	184	1220569	48.775	nq	# 93
77) Pyrene	12.95	202	2145043	44.679	nq	# 88
79) Butylbenzylphthalate	13.56	149	954183	45.116	nq	# 94
80) Benzo(a)anthracene	14.15	228	2037662	56.096	nq	# 90
81) 3,3'-Dichlorobenzidine	14.11	252	722509	51.689	nq	# 96
82) Chrysene	14.15	228	2037662	56.932	nq	95
83) Bis(2-ethylhexyl)phthalate	14.12	149	1230470	48.048	nq	# 95
84) Di-n-octyl phthalate	14.76	149	1852131	44.032	nq	98
85) Indeno(1,2,3-cd)pyrene	17.26	276	1698981	52.136	nq	94
87) Benzo(b)fluoranthene	15.24	252	1742140	58.618	nq	94
88) Benzo(k)fluoranthene	15.28	252	1765681	61.436	nq	# 95
89) Benzo(a)pyrene	15.63	252	1644492	59.424	nq	96
90) Dibenzo(a,h)anthracene	17.28	278	1412844	54.443	nq	# 95
91) Benzo(g,h,i)perylene	17.74	276	1386163	55.574	nq	# 91

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

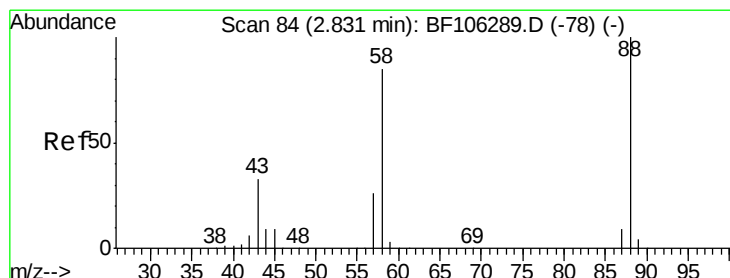
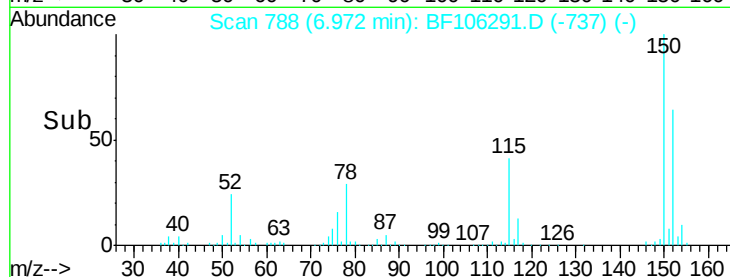
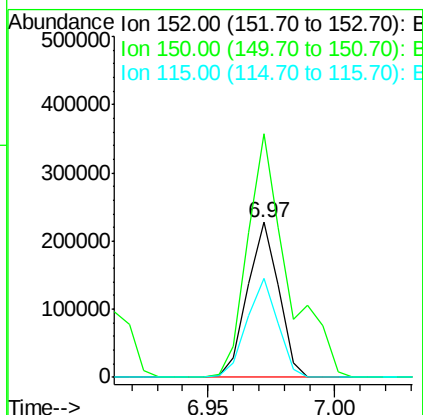
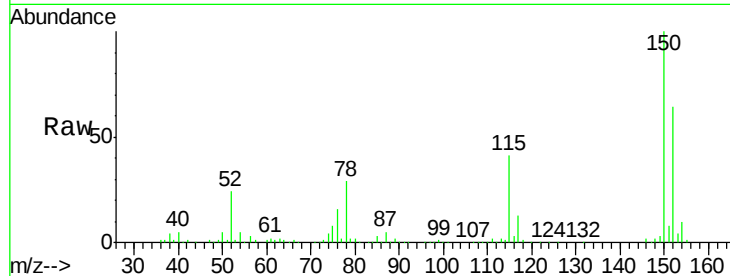


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Instrument :
BNA_F
ClientSampled :

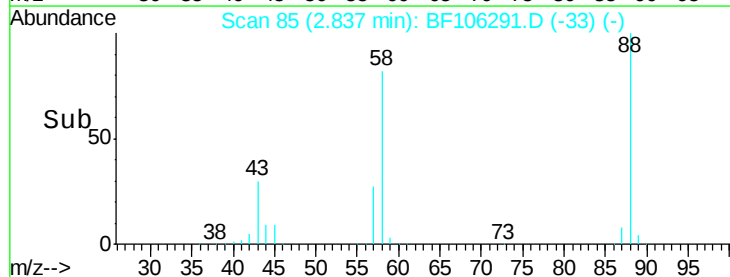
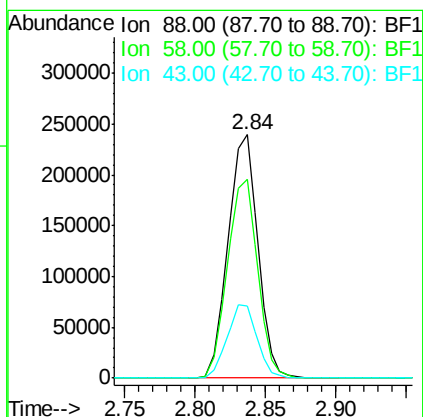
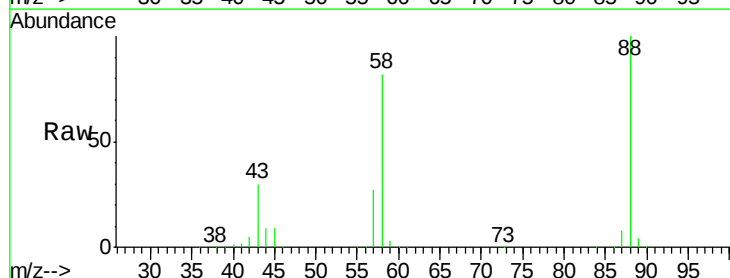
Tot Ion:152 Resp: 195175
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 64.0 50.1 75.1

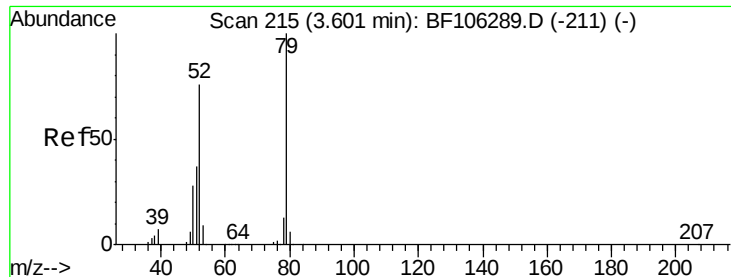


#2

1,4-Dioxane
Concen: 59.873 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Tgt Ion: 88 Resp: 351996
Ion Ratio Lower Upper
88 100
58 83.0 62.6 93.8
43 30.3 24.6 37.0





#3

Pvridine

Concen: 65.288 ng

RT: 3.61 min Scan# 216

Delta R.T. 0.01 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

Instrument :

BNA_F

ClientSampleId :

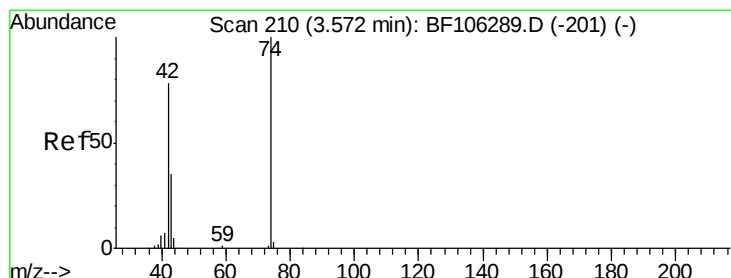
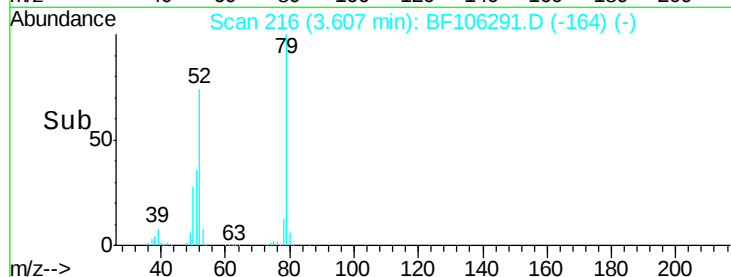
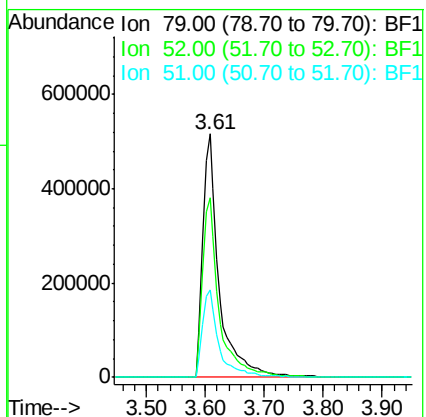
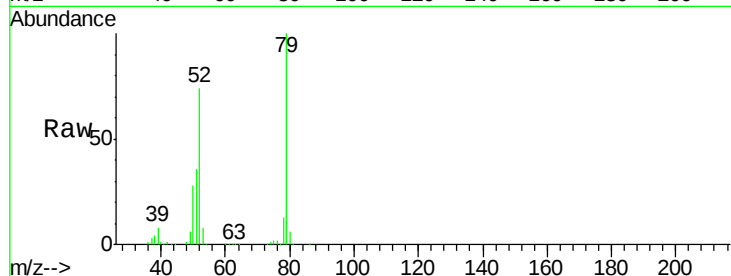
Tot Ion: 79 Resp: 996031

Ion Ratio Lower Upper

79 100

52 73.8 59.8 89.6

51 35.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 62.207 ng

RT: 3.58 min Scan# 212

Delta R.T. 0.01 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

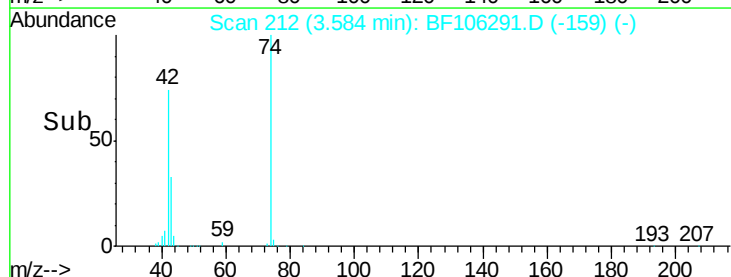
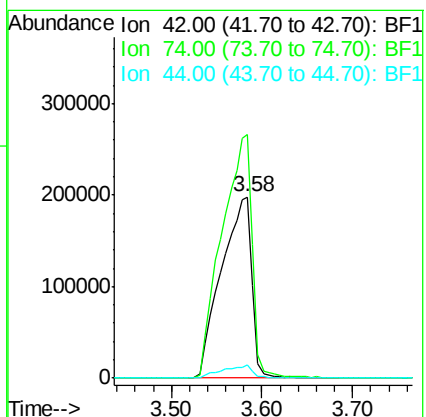
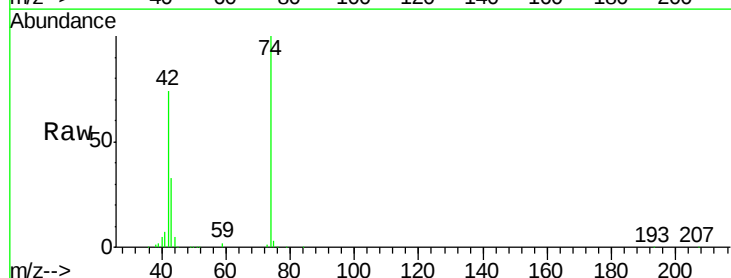
Tgt Ion: 42 Resp: 464576

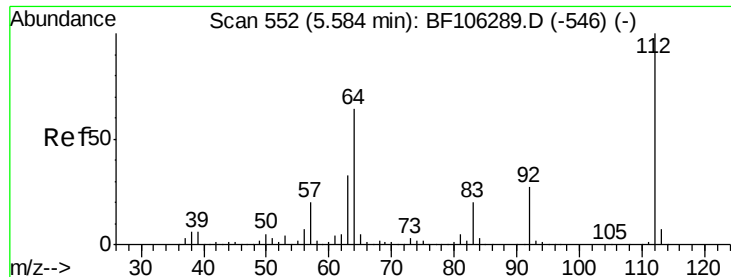
Ion Ratio Lower Upper

42 100

74 134.6 104.9 157.3

44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 100.317 ng

RT: 5.59 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

Instrument :

BNA_F

ClientSampleId :

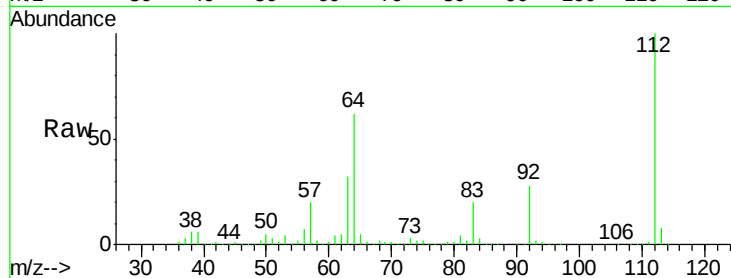
Tot Ion:112 Resp: 1301806

Ion Ratio Lower Upper

112 100

64 61.8 47.9 71.9

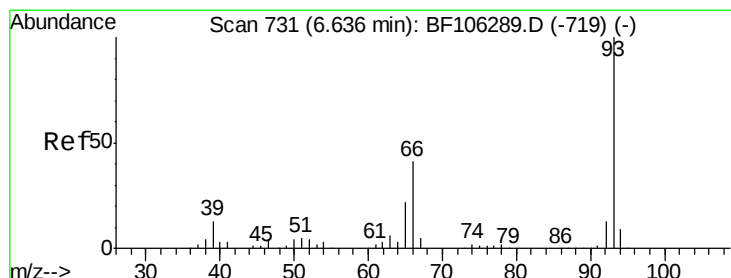
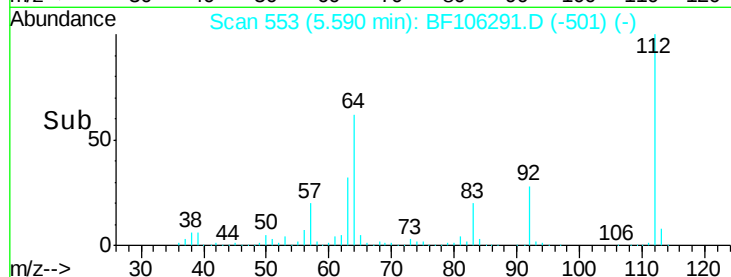
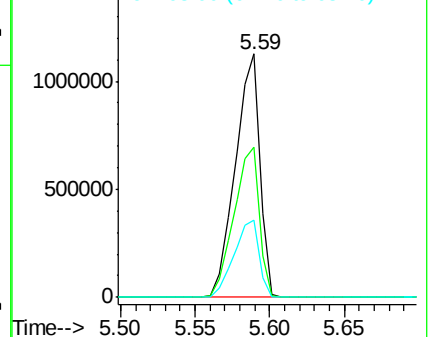
63 31.8 23.7 35.5



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: 63.847 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

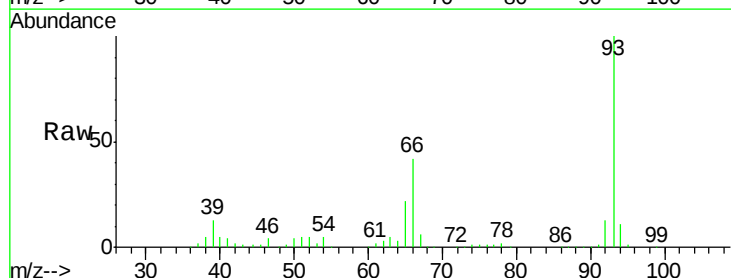
Tgt Ion: 93 Resp: 1276613

Ion Ratio Lower Upper

93 100

66 41.5 32.2 48.2

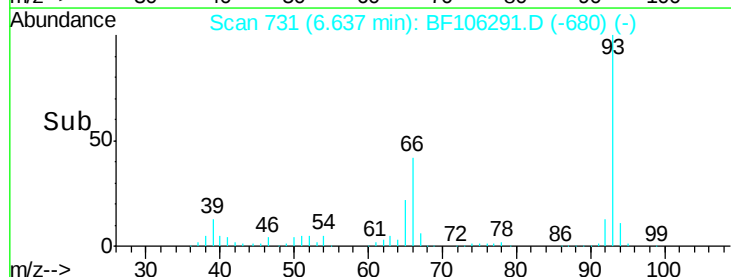
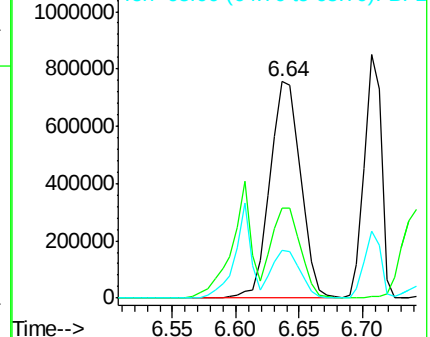
65 22.2 16.4 24.6

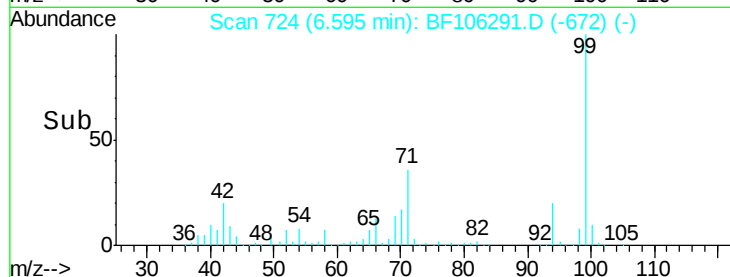
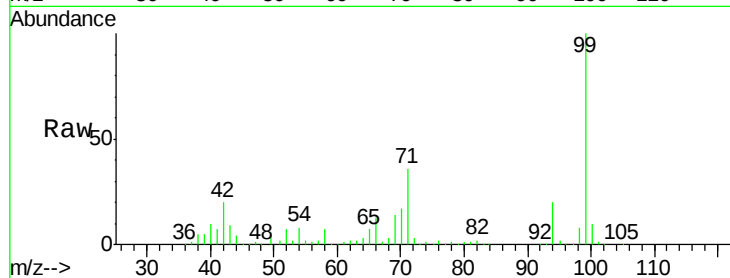
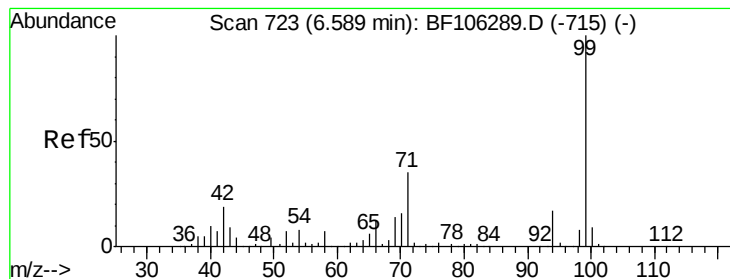


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.993 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

Instrument :

BNA_F

ClientSampleId :

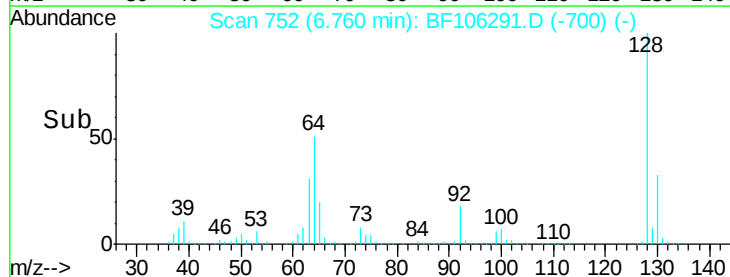
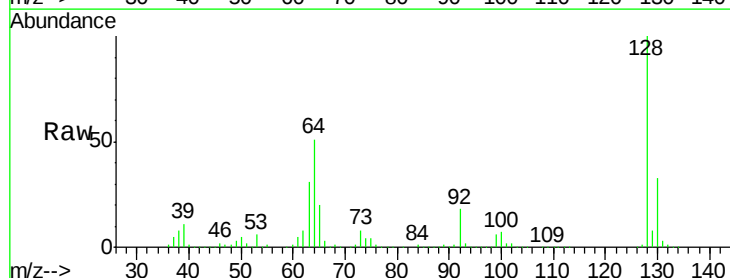
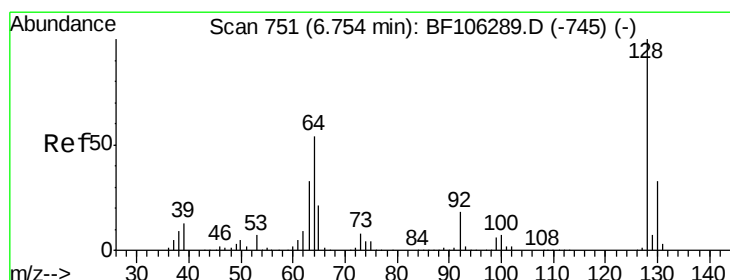
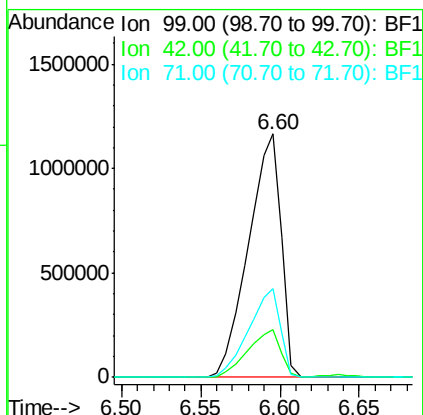
Tot Ion: 99 Resp: 1665235

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 36.5 25.4 38.0



#8

2-Chlorophenol

Concen: 52.139 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

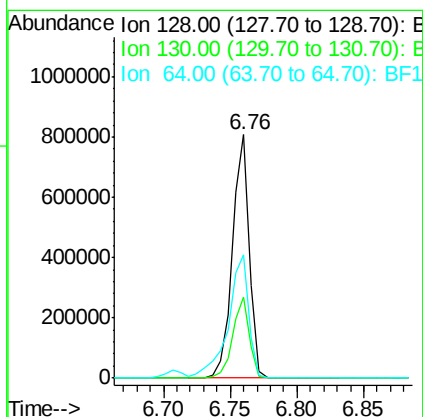
Tgt Ion:128 Resp: 718623

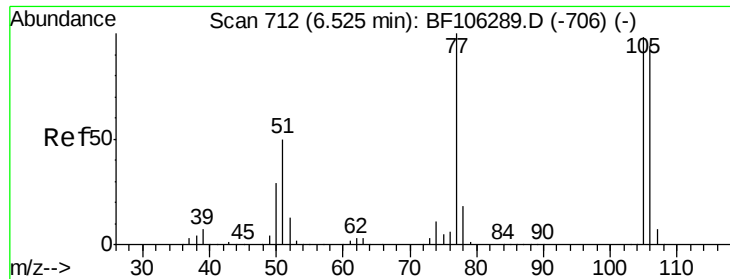
Ion Ratio Lower Upper

128 100

130 33.2 13.0 53.0

64 50.6 29.4 69.4





#9

Benzaldehyde

Concen: 54.451 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

Instrument :

BNA_F

ClientSampleId :

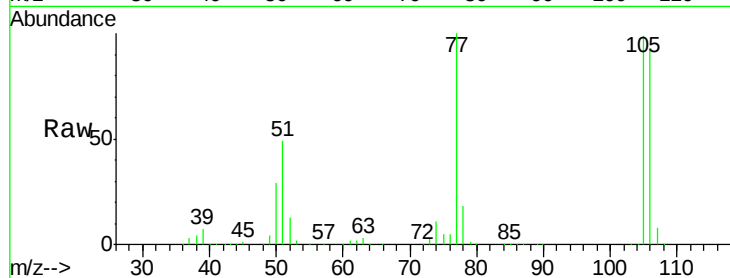
Tot Ion: 77 Resp: 570816

Ion Ratio Lower Upper

77 100

105 99.5 81.1 121.1

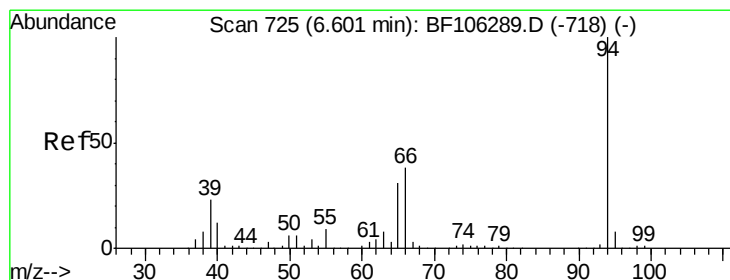
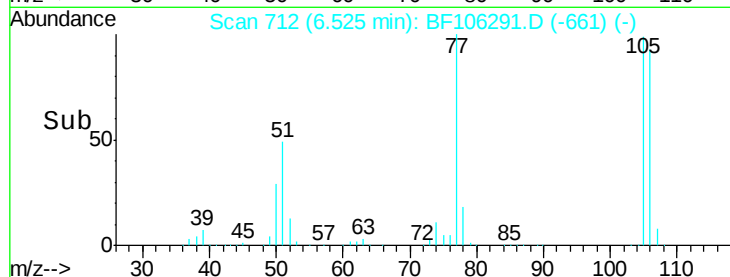
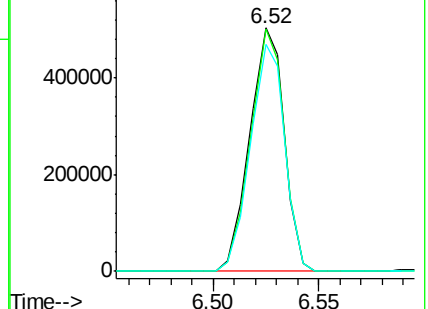
106 93.0 74.5 114.5



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: 51.209 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

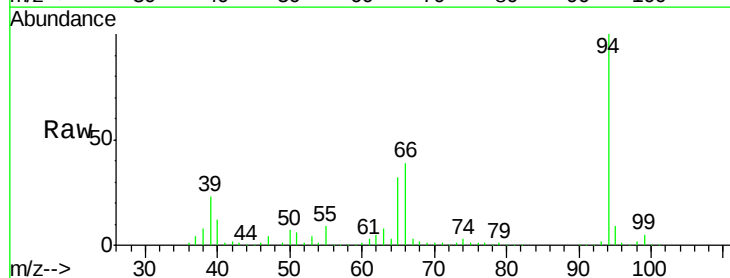
Tgt Ion: 94 Resp: 900886

Ion Ratio Lower Upper

94 100

65 31.8 7.9 47.9

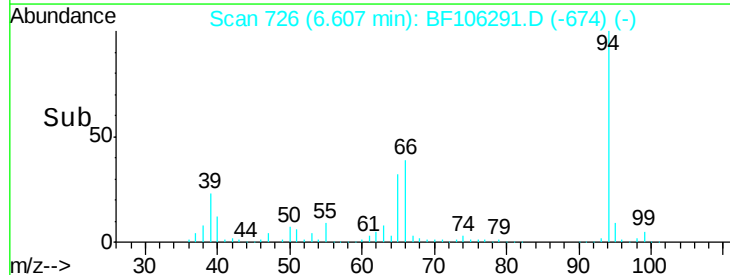
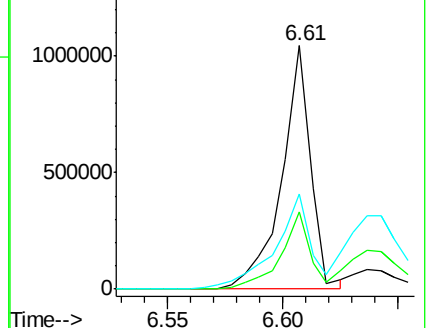
66 39.3 16.2 56.2

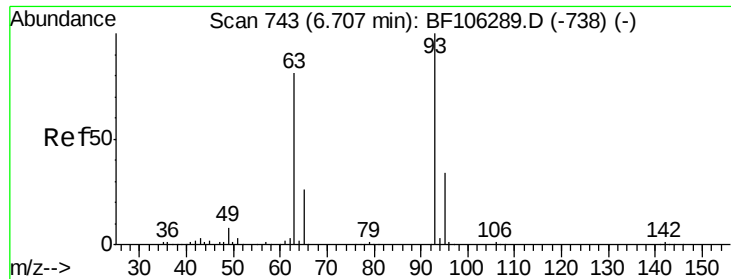


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

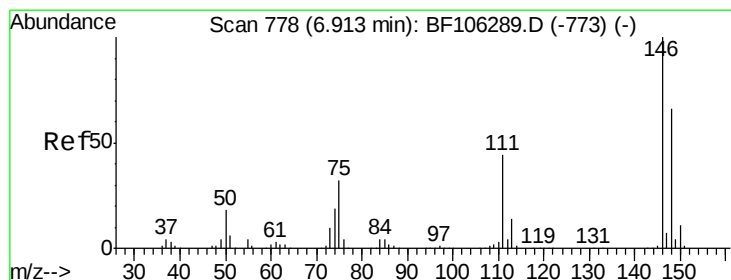
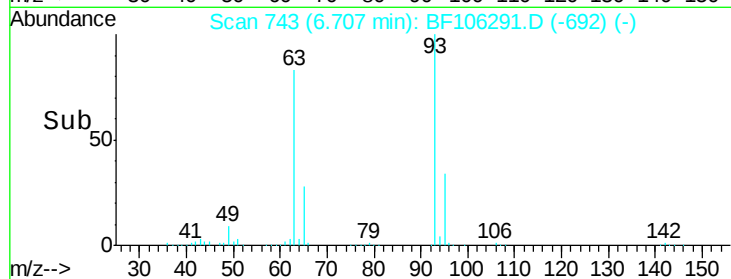
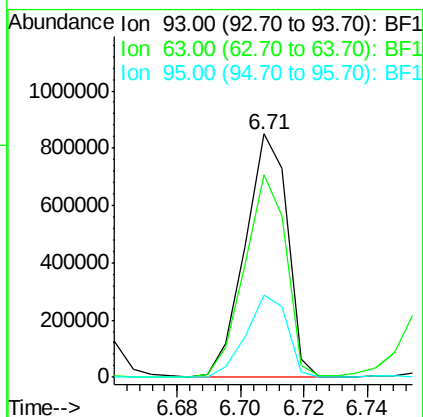
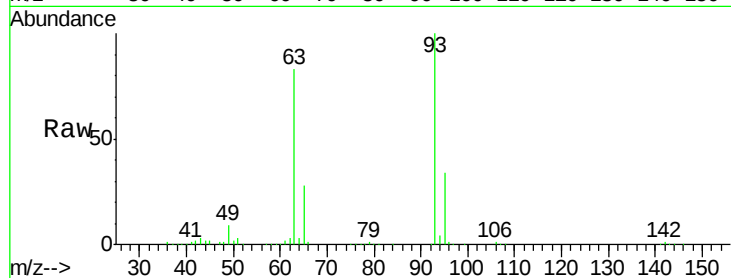




#11
bis(2-Chloroethyl)ether
Concen: 60.561 ng
RT: 6.71 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

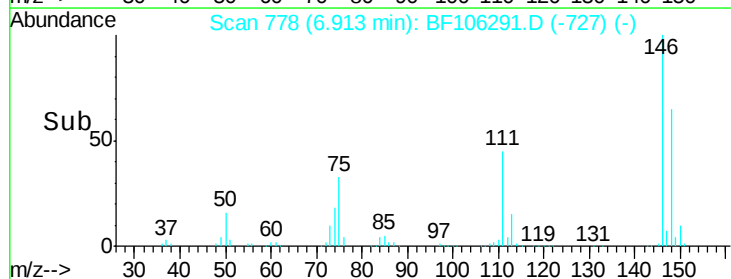
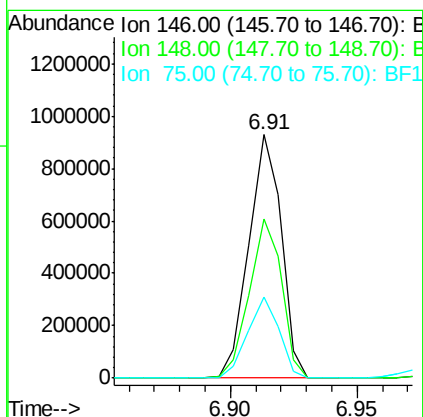
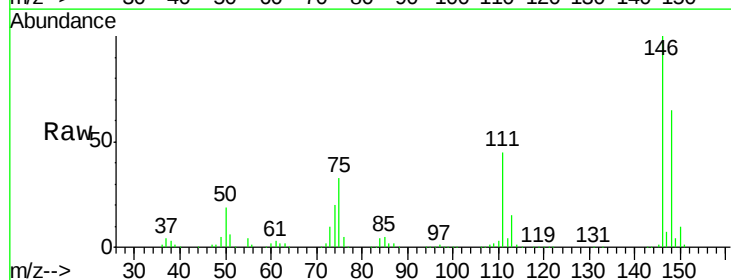
Instrument :
BNA_F
ClientSampleId :

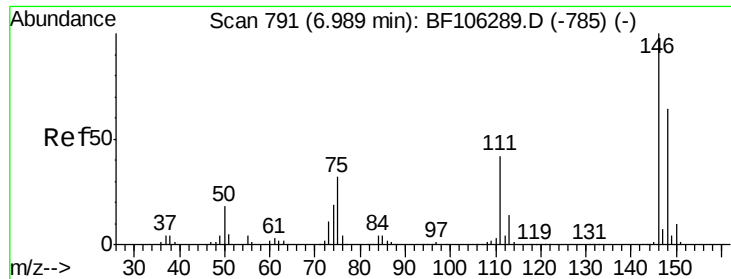
Tot Ion: 93 Resp: 782971
Ion Ratio Lower Upper
93 100
63 83.3 58.6 98.6
95 33.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 54.837 ng
RT: 6.91 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Tgt Ion: 146 Resp: 832051
Ion Ratio Lower Upper
146 100
148 65.4 51.8 77.8
75 33.2 24.2 36.4

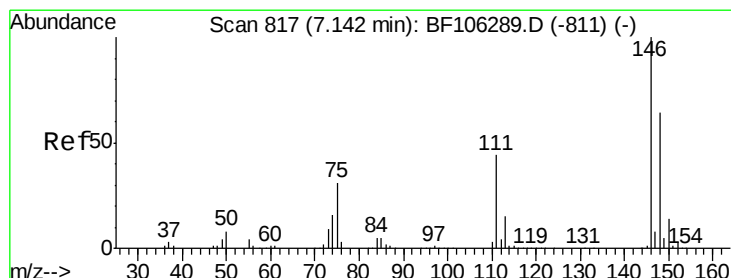
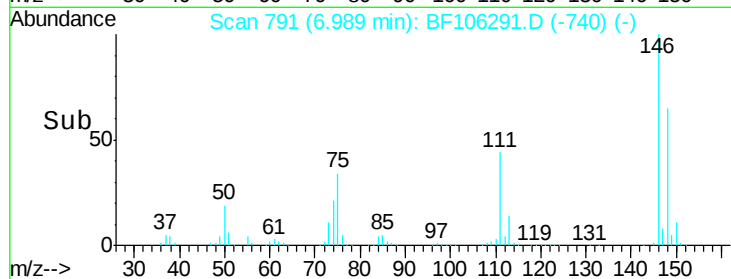
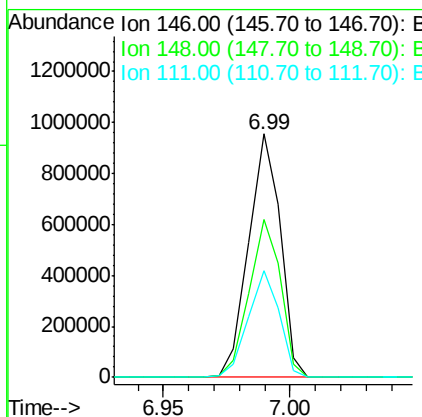
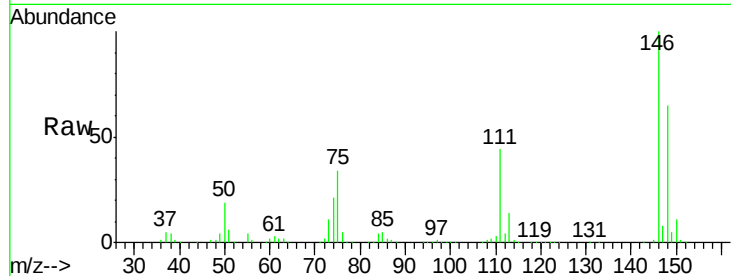




#13
 1,4-Dichlorobenzene
 Concen: 53.772 ng
 RT: 6.99 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF106291.D
 Acq: 11 Jun 2018 13:32

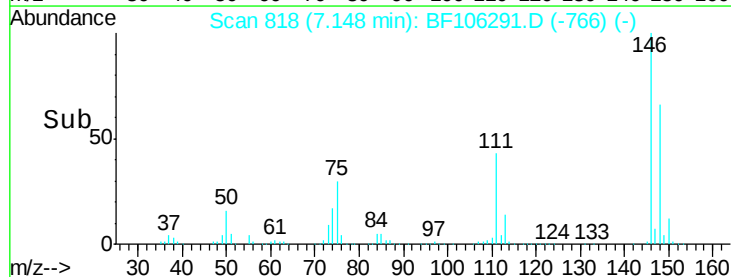
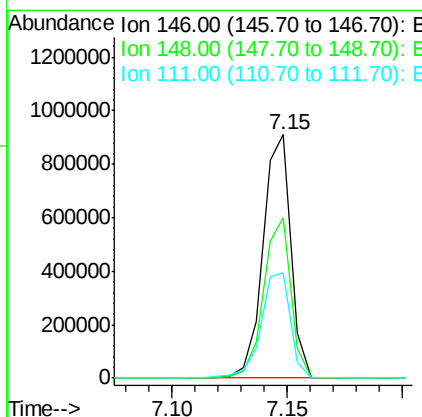
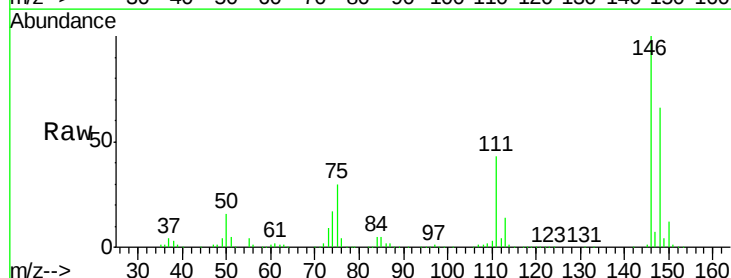
Instrument :
 BNA_F
 ClientSampleId :

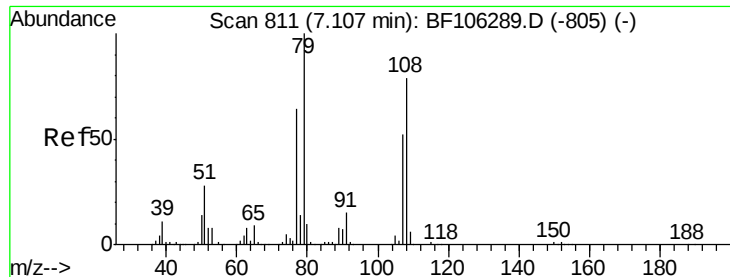
Tot Ion:146 Resp: 833127
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 44.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 53.303 ng
 RT: 7.15 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BF106291.D
 Acq: 11 Jun 2018 13:32

Tgt Ion:146 Resp: 761102
 Ion Ratio Lower Upper
 146 100
 148 66.0 50.6 75.8
 111 43.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 60.488 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

Instrument :

BNA_F

ClientSampleId :

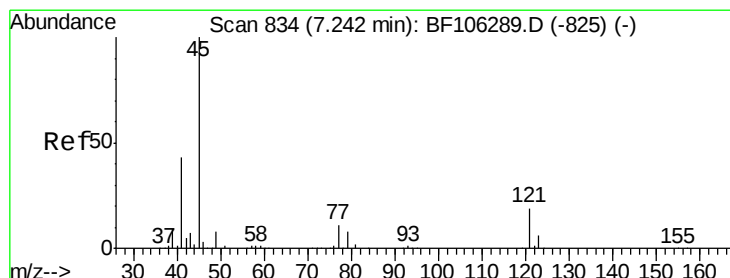
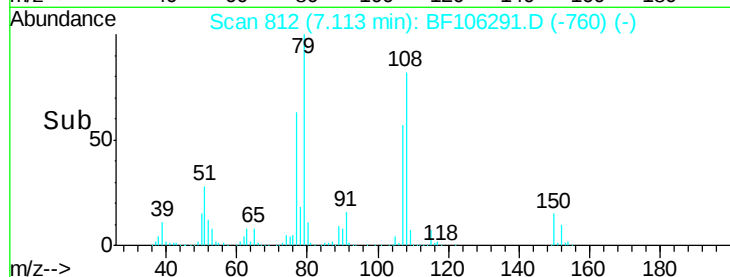
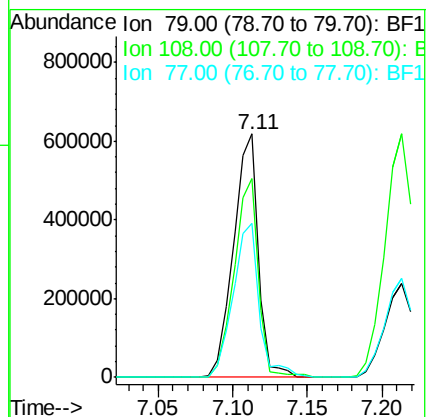
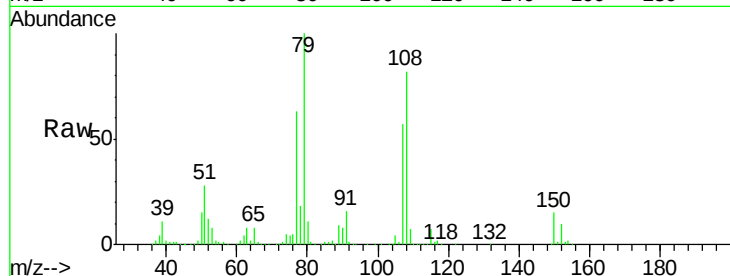
Tot Ion: 79 Resp: 723663

Ion Ratio Lower Upper

79 100

108 81.7 65.1 97.7

77 63.3 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.479 ng

RT: 7.24 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

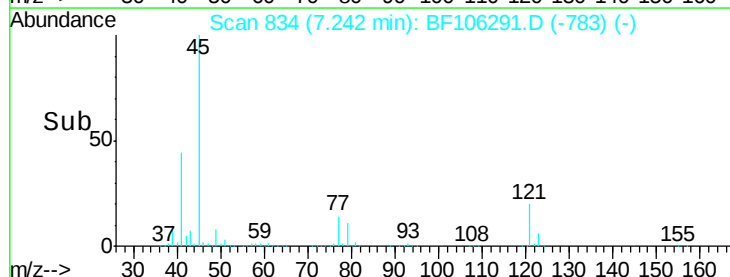
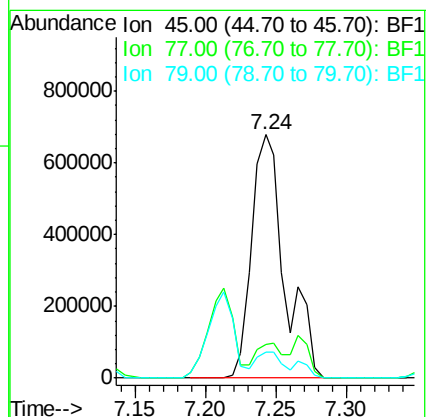
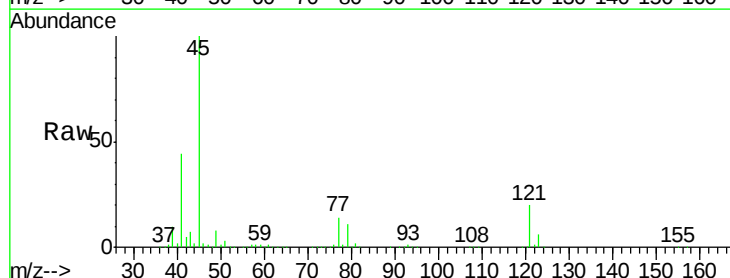
Tgt Ion: 45 Resp: 1123857

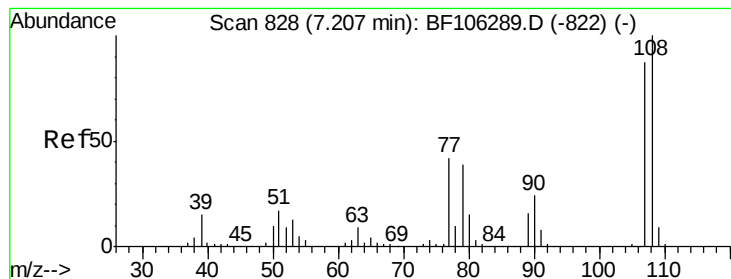
Ion Ratio Lower Upper

45 100

77 14.0 0.0 32.9

79 10.6 0.0 29.6

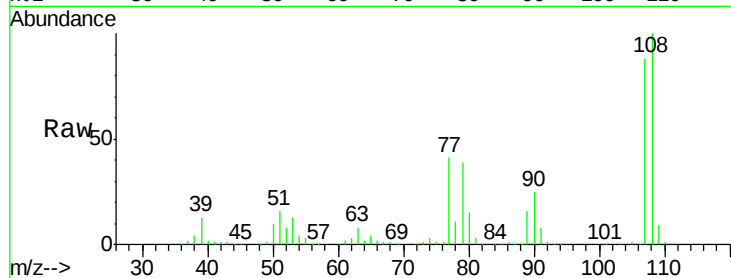




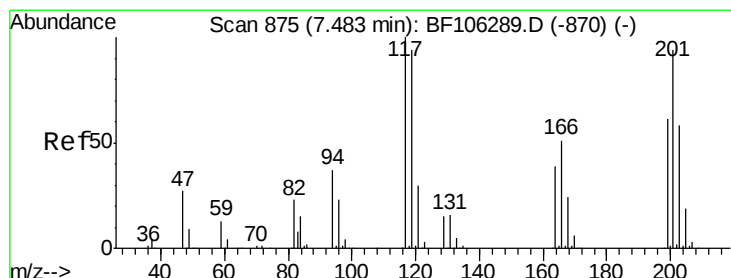
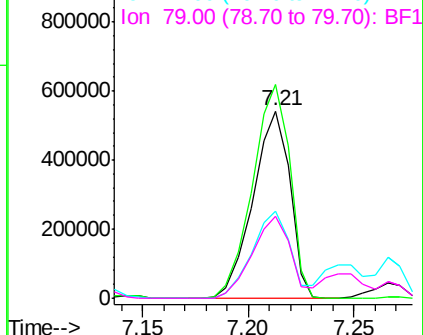
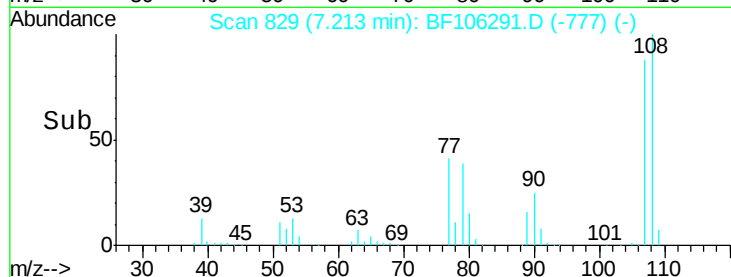
#17
2-Methylphenol
Concen: 56.828 ng
RT: 7.21 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 661224
Ion Ratio Lower Upper
107 100
108 114.1 91.7 137.5
77 46.5 33.8 50.8
79 44.1 33.8 50.8

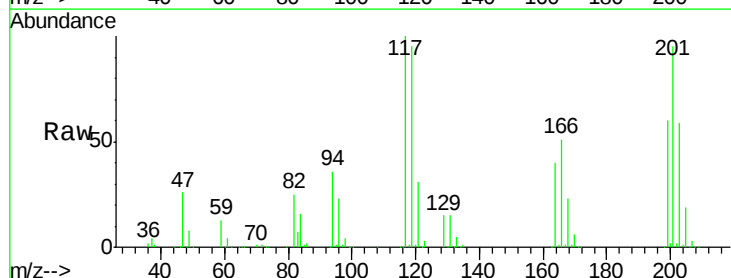


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

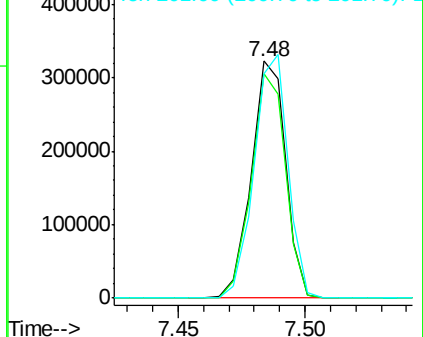
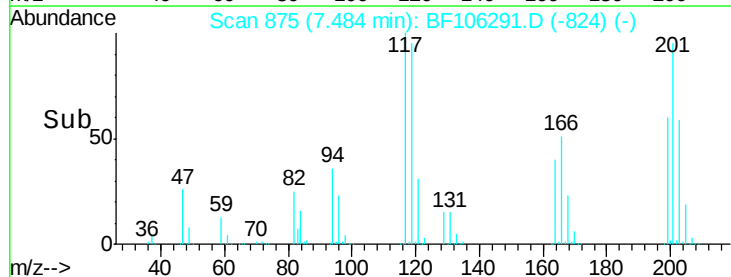


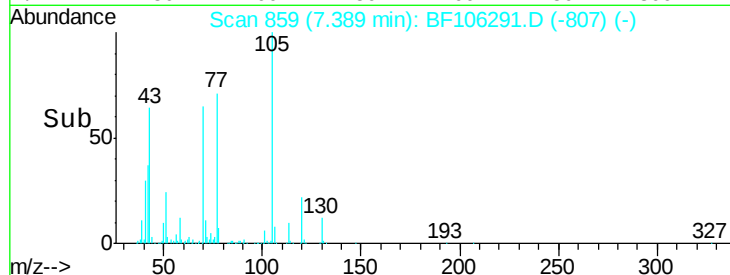
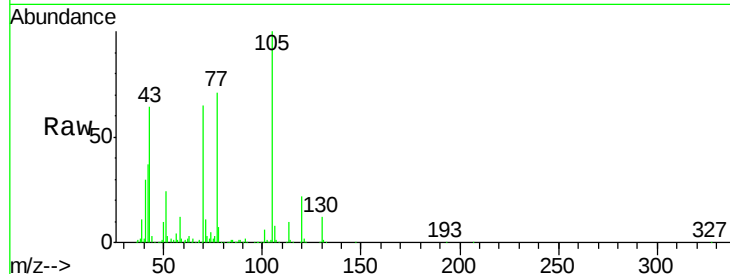
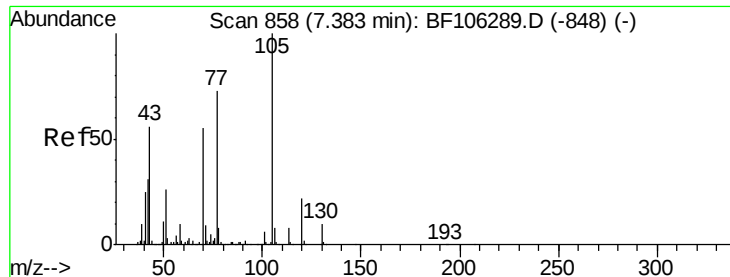
#18
Hexachloroethane
Concen: 54.334 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Tgt Ion:117 Resp: 304165
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8
201 94.6 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

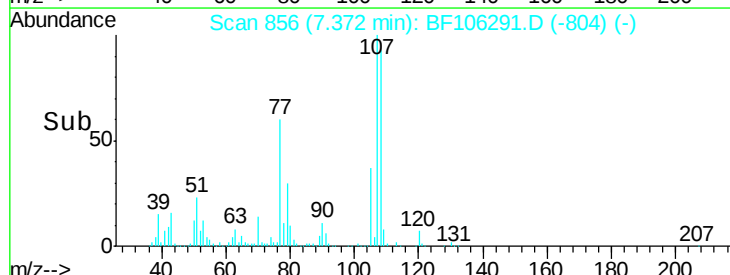
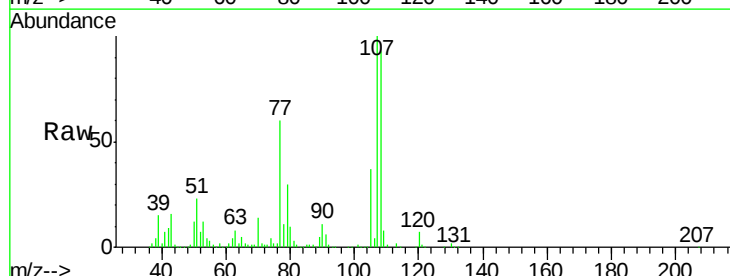
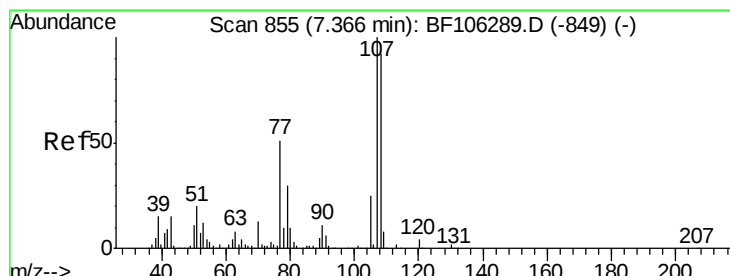
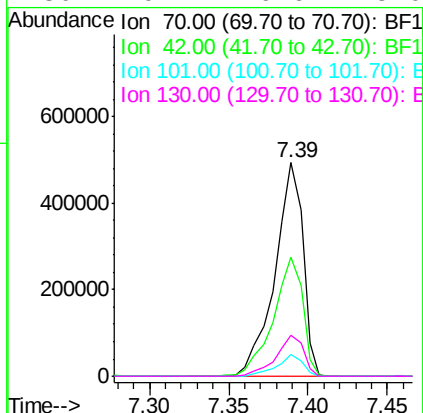




#19
n-Nitroso-di-n-propylamine
Concen: 62.354 ng
RT: 7.39 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

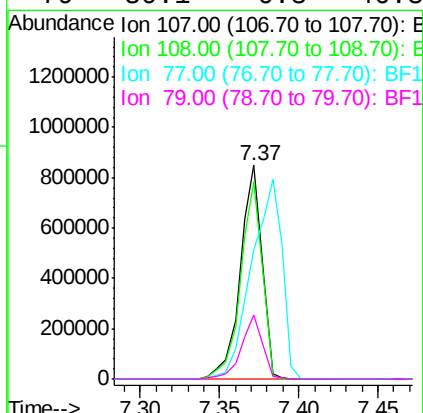
Instrument :
BNA_F
ClientSampleId :

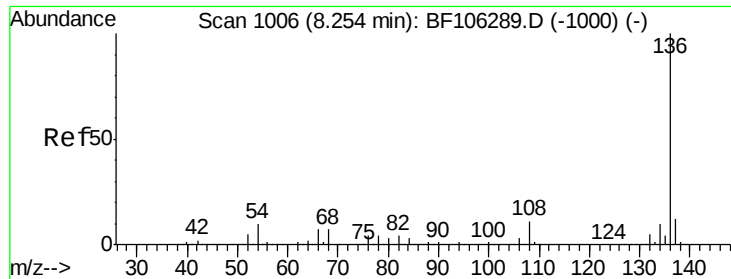
Tot Ion:	70	Resp:	607735
Ion	Ratio	Lower	Upper
70	100		
42	56.0	47.5	71.3
101	9.9	7.4	11.2
130	19.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 57.864 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Tgt Ion:	107	Resp:	801562
Ion	Ratio	Lower	Upper
107	100		
108	92.6	68.2	108.2
77	60.4	26.7	66.7
79	30.1	6.3	46.3

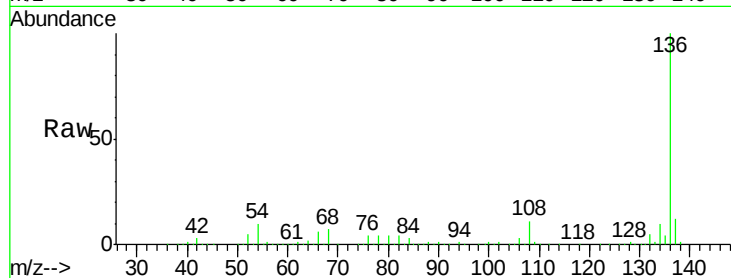




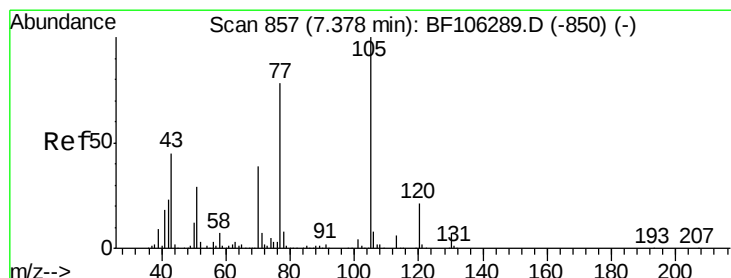
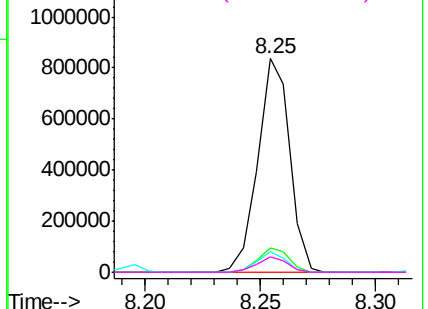
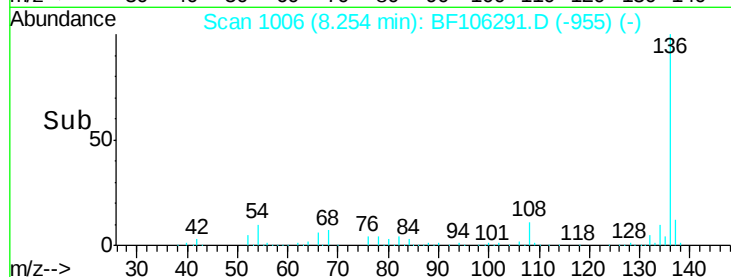
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	805185
Ion Ratio	Lower	Upper
136 100		
137 11.6	8.9	13.3
54 9.8	6.6	9.8#
68 7.1	5.0	7.4

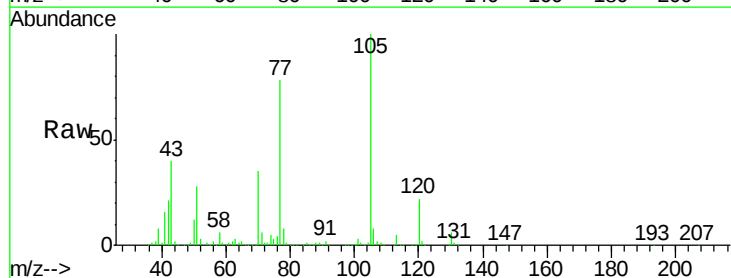


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

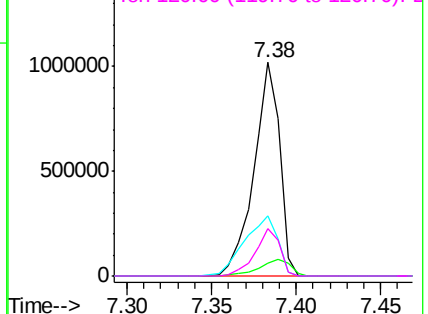
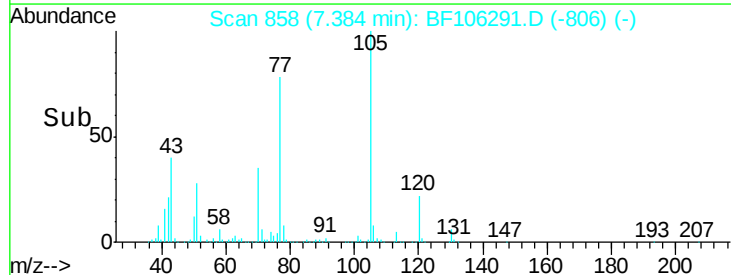


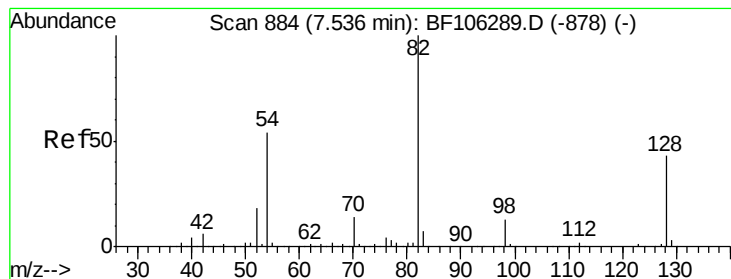
#22
Acetophenone
Concen: 58.608 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Tgt Ion:105	Resp:	1084178
Ion Ratio	Lower	Upper
105 100		
71 5.8	4.4	6.6
51 28.2	22.3	33.5
120 22.3	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 116.013 ng

RT: 7.54 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

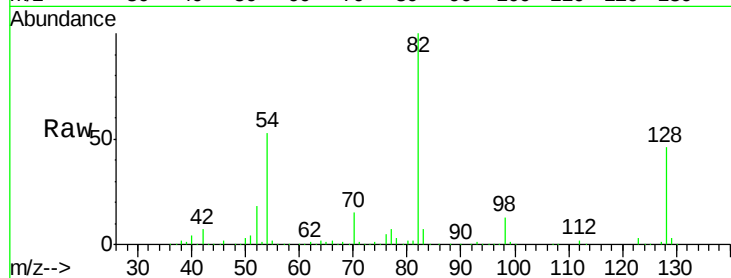
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1604968

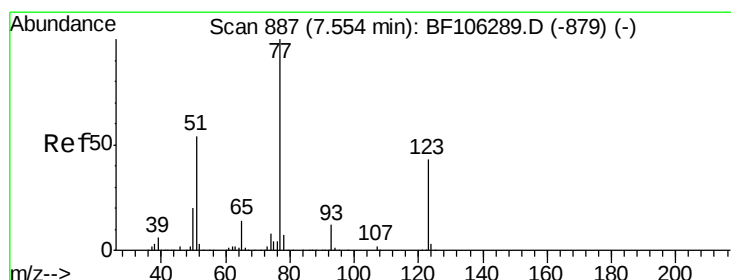
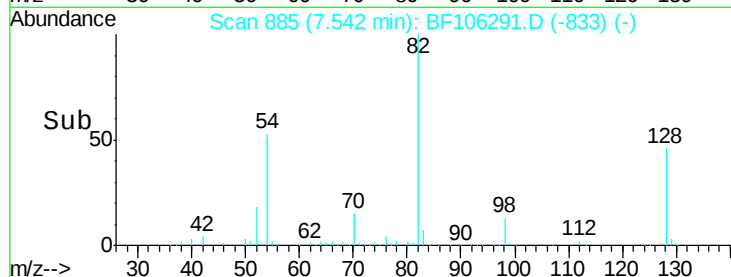
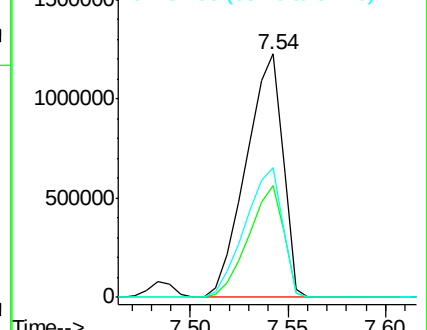
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	53.5	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 57.693 ng

RT: 7.56 min Scan# 888

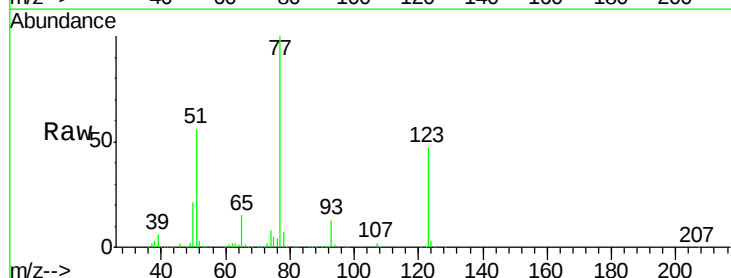
Delta R.T. 0.01 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

Tgt Ion: 77 Resp: 840378

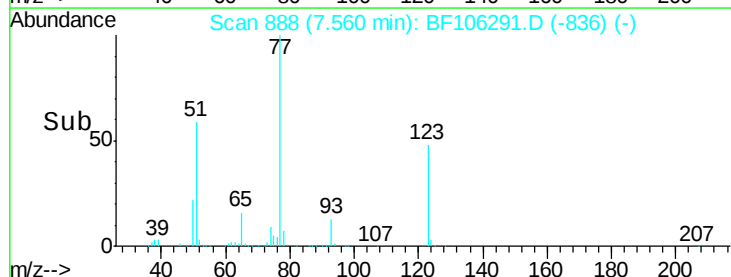
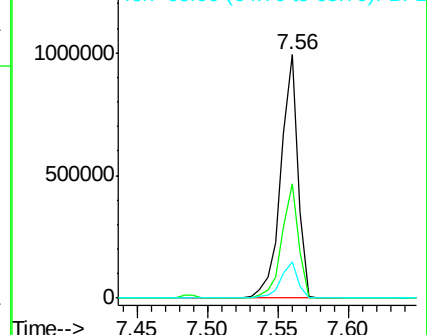
Ion	Ratio	Lower	Upper
77	100		
123	46.9	37.9	56.9
65	15.0	11.0	16.4

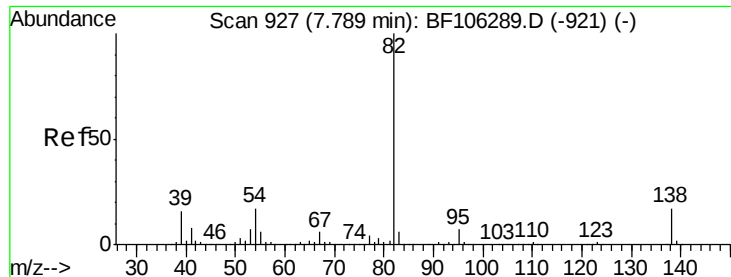


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 58.676 ng

RT: 7.80 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

Instrument :

BNA_F

ClientSampled :

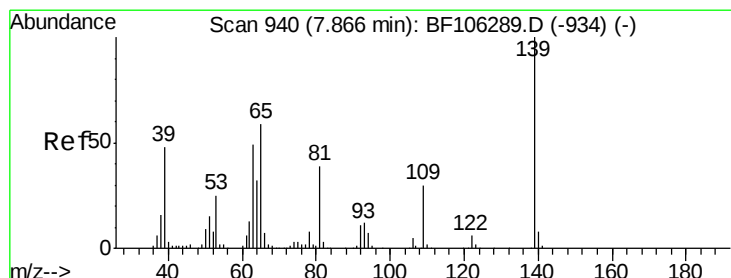
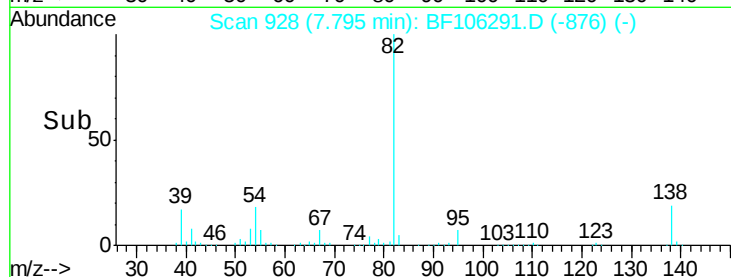
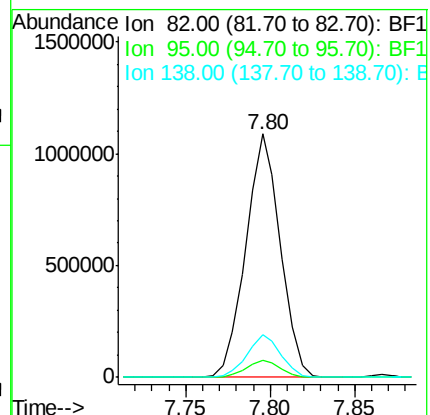
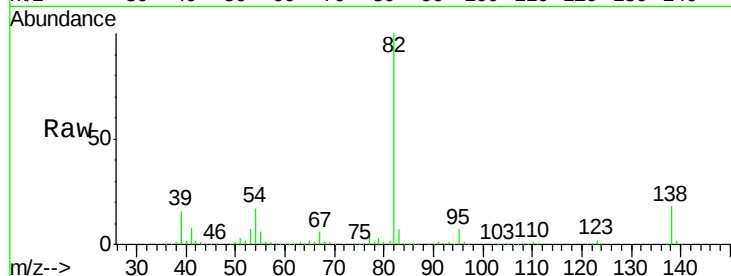
Tot Ion: 82 Resp: 1536405

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 17.7 14.9 22.3



#26

2-Nitrophenol

Concen: 51.419 ng

RT: 7.87 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

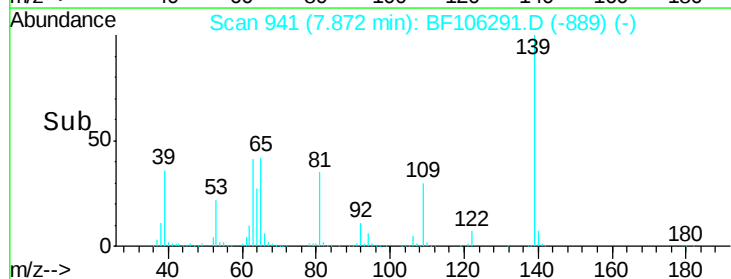
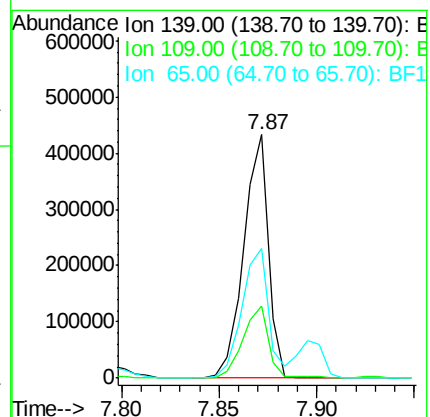
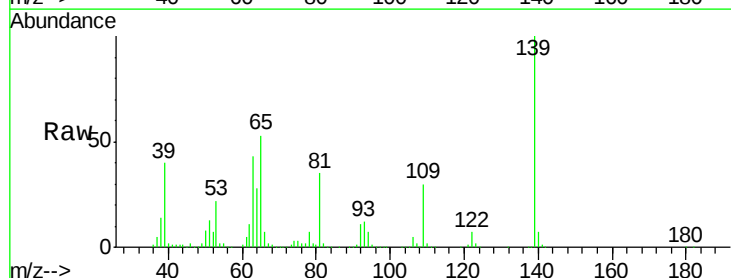
Tgt Ion: 139 Resp: 377905

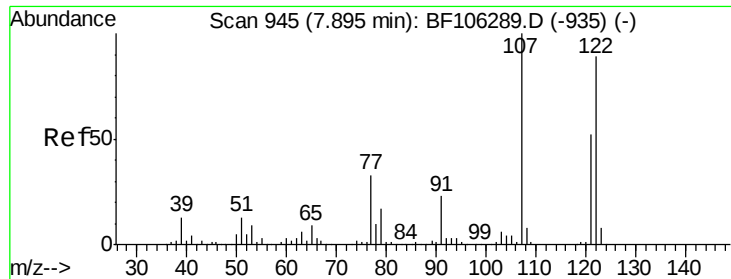
Ion Ratio Lower Upper

139 100

109 29.7 22.7 34.1

65 53.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 55.300 ng

RT: 7.90 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

Instrument :

BNA_F

ClientSampled :

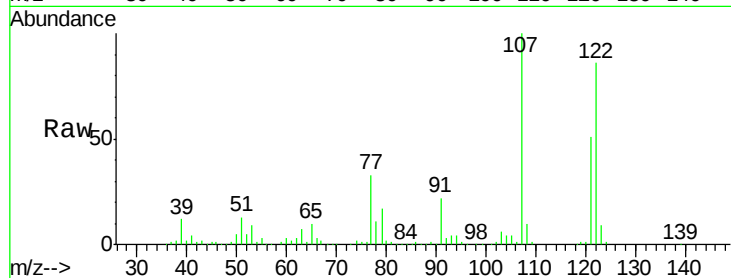
Tot Ion:122 Resp: 667619

Ion Ratio Lower Upper

122 100

107 116.4 91.2 136.8

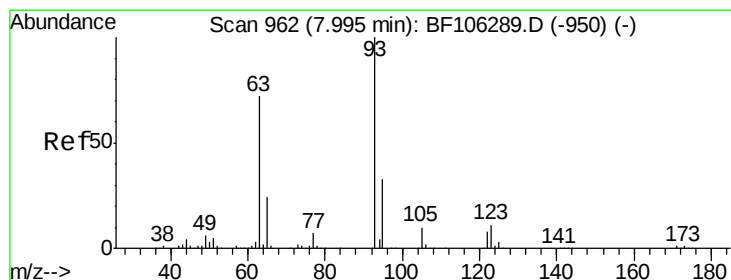
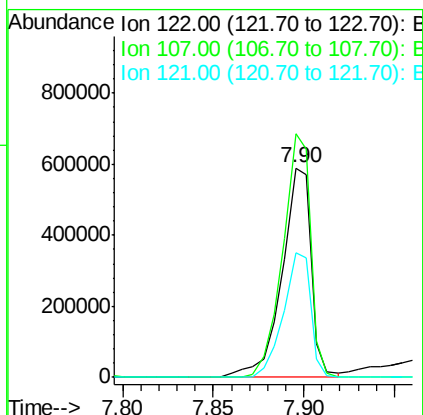
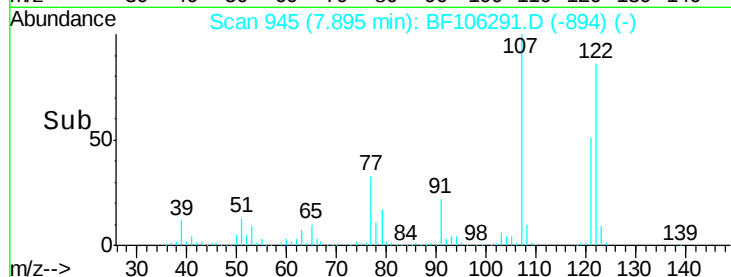
121 59.7 47.2 70.8



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: 59.886 ng

RT: 8.00 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

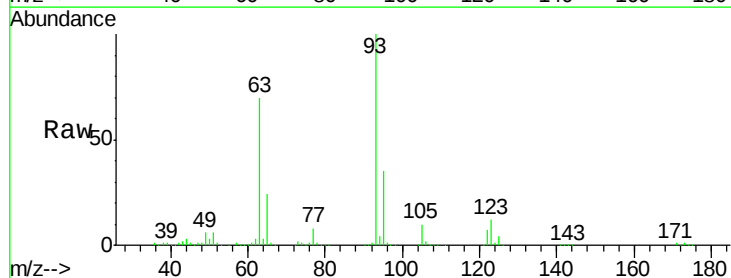
Tgt Ion: 93 Resp: 961815

Ion Ratio Lower Upper

93 100

95 34.9 26.3 39.5

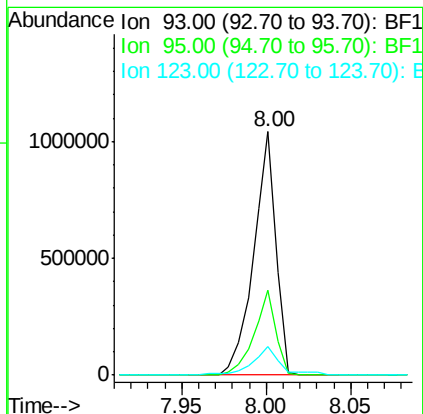
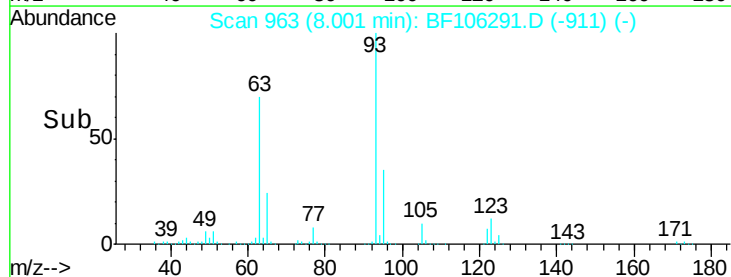
123 11.9 9.8 14.6

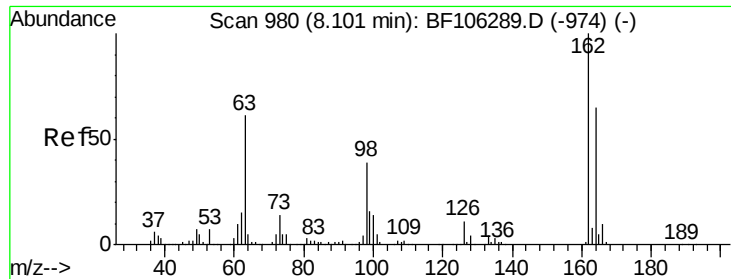


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

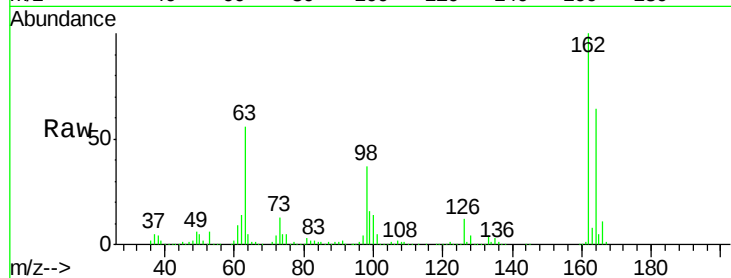




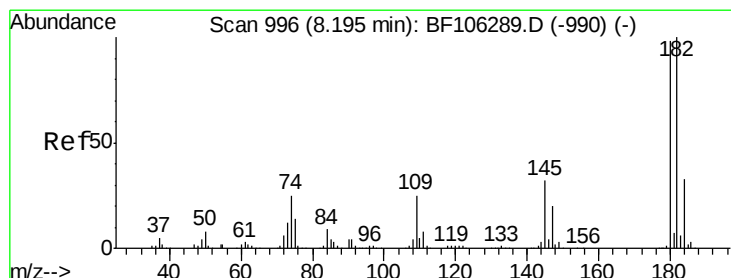
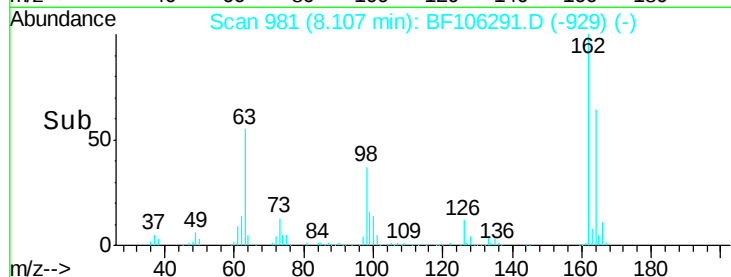
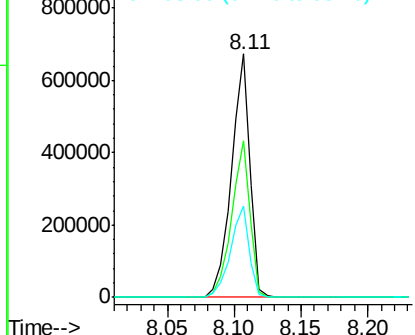
#29
2,4-Dichlorophenol
Concen: 57.958 ng
RT: 8.11 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 655679
Ion Ratio Lower Upper
162 100
164 64.2 42.7 82.7
98 37.4 18.1 58.1

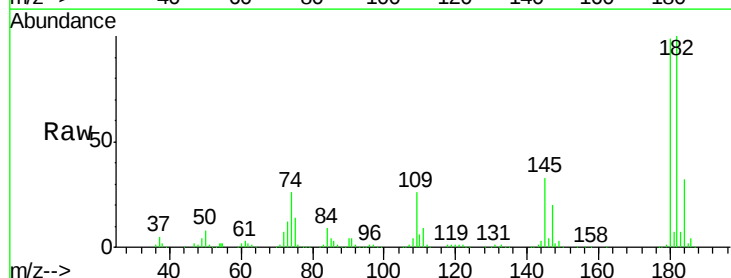


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

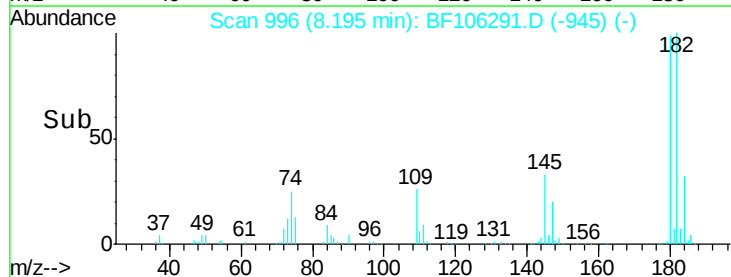
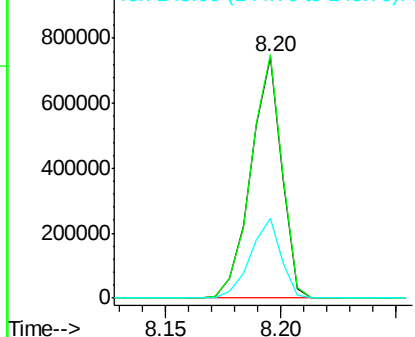


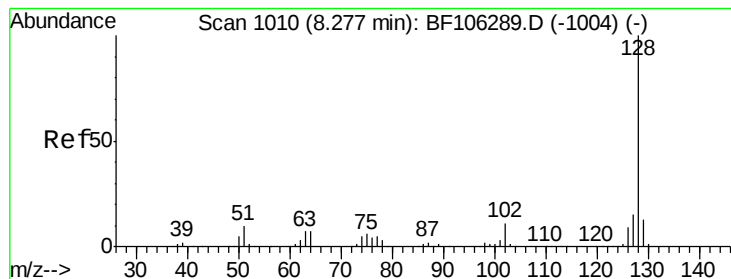
#30
1,2,4-Trichlorobenzene
Concen: 57.676 ng
RT: 8.20 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Tgt Ion:180 Resp: 690143
Ion Ratio Lower Upper
180 100
182 101.0 76.8 115.2
145 32.9 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.274 ng

RT: 8.28 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

Instrument :

BNA_F

ClientSampled :

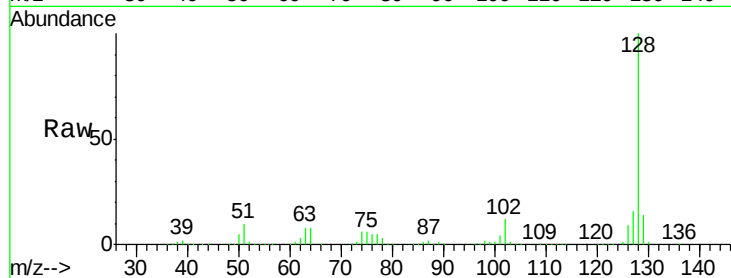
Tot Ion:128 Resp: 1892690

Ion Ratio Lower Upper

128 100

129 14.0 8.8 13.2#

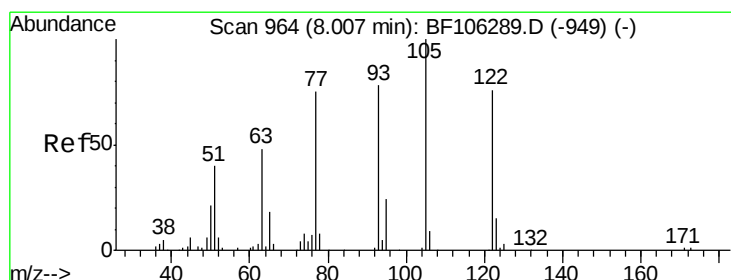
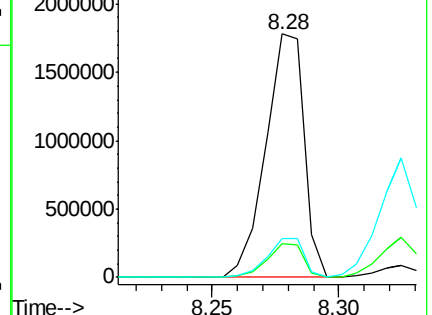
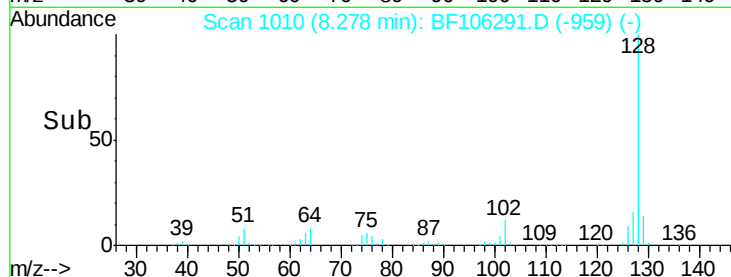
127 16.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.452 ng

RT: 8.03 min Scan# 968

Delta R.T. 0.02 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

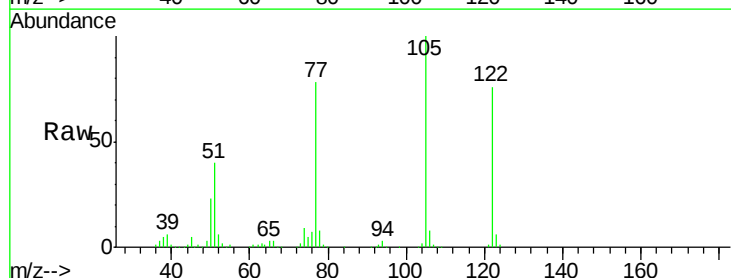
Tgt Ion:122 Resp: 416606

Ion Ratio Lower Upper

122 100

105 131.7 101.1 141.1

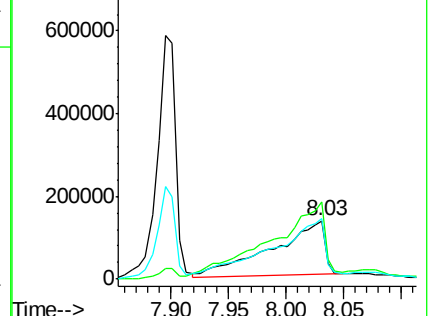
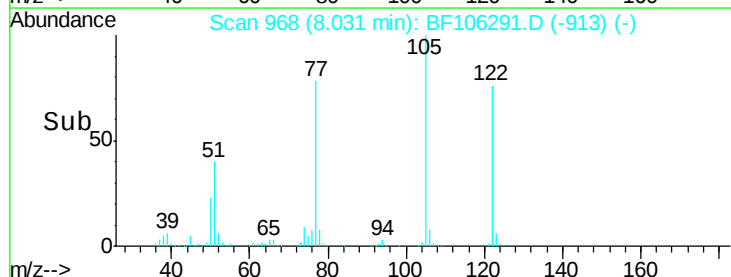
77 103.0 70.7 110.7

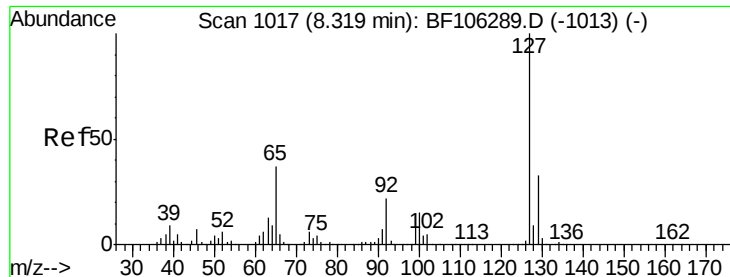


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

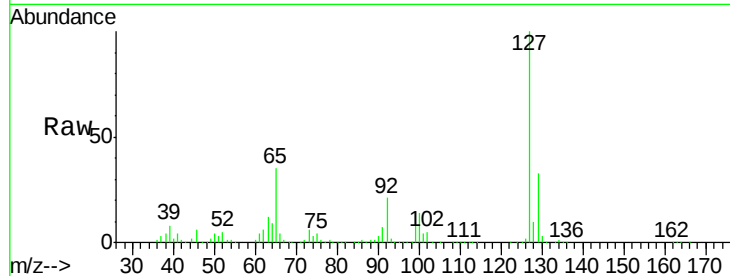




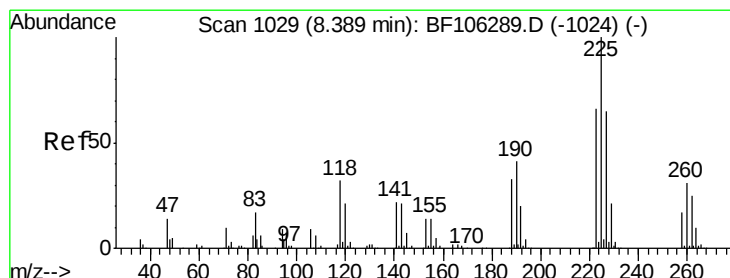
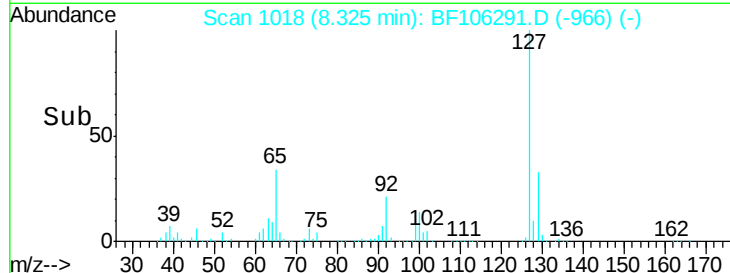
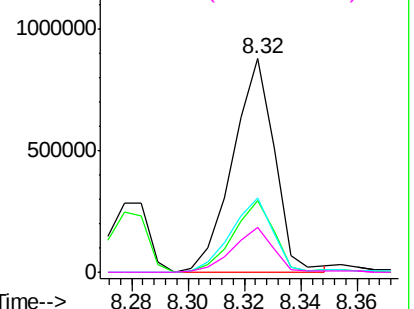
#33
4-Chloroaniline
Concen: 55.065 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	896333
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	34.5	25.0	37.4
92	21.2	15.2	22.8

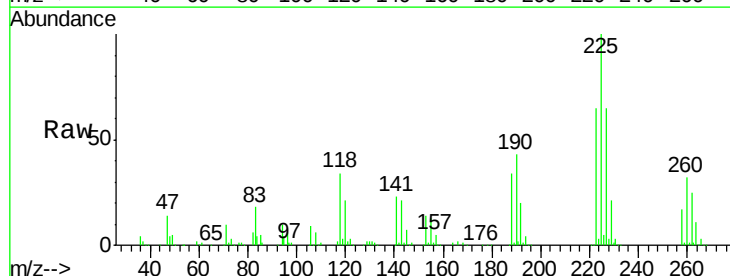


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

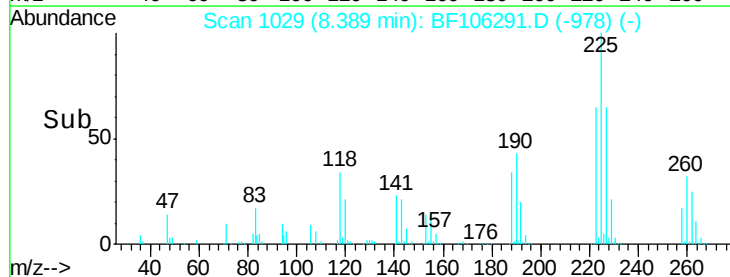
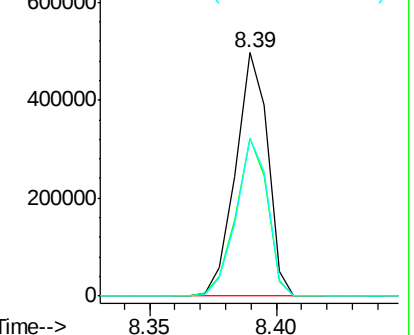


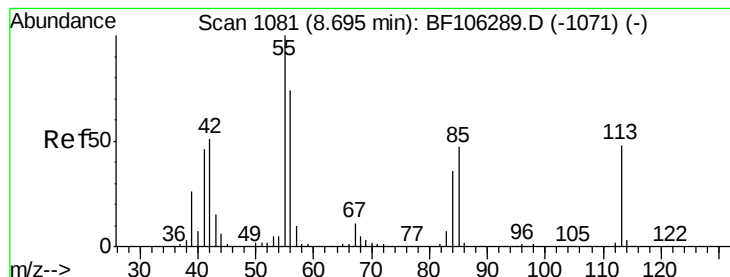
#34
Hexachlorobutadiene
Concen: 68.345 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Tgt Ion:	225	Resp:	440567
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.6	76.0
227	64.9	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: 63.659 ng

RT: 8.71 min Scan# 1084

Delta R.T. 0.02 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

Instrument :

BNA_F

ClientSampleId :

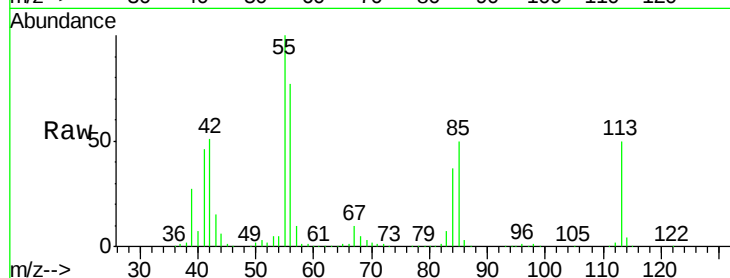
Tot Ion:113 Resp: 222570

Ion Ratio Lower Upper

113 100

55 201.4 163.3 203.3

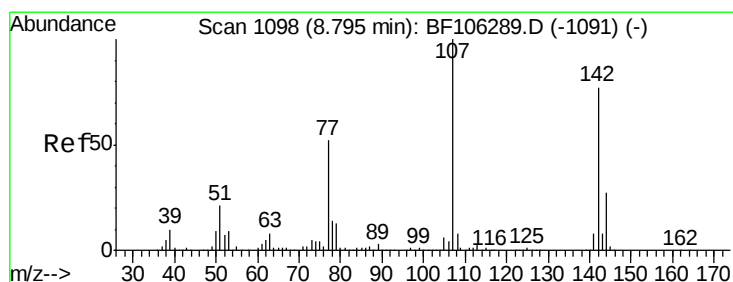
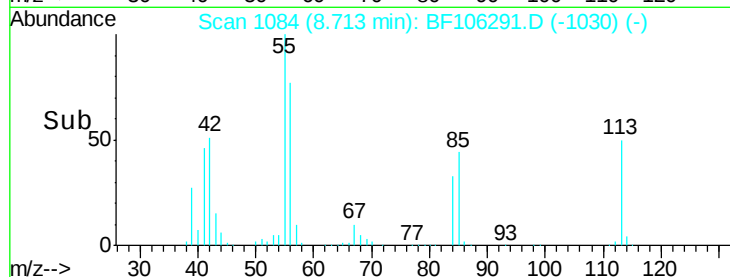
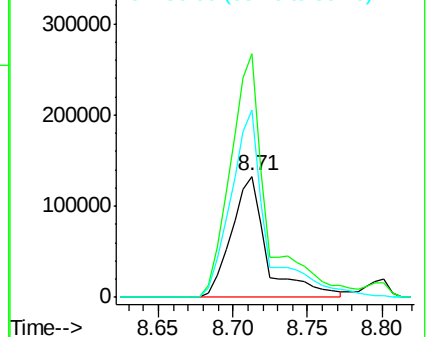
56 154.6 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 58.695 ng

RT: 8.80 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

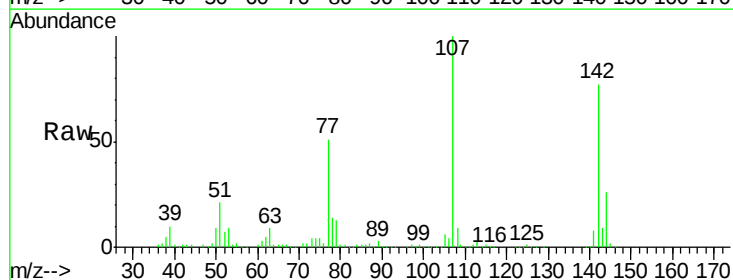
Tgt Ion:107 Resp: 714774

Ion Ratio Lower Upper

107 100

144 26.5 20.5 30.7

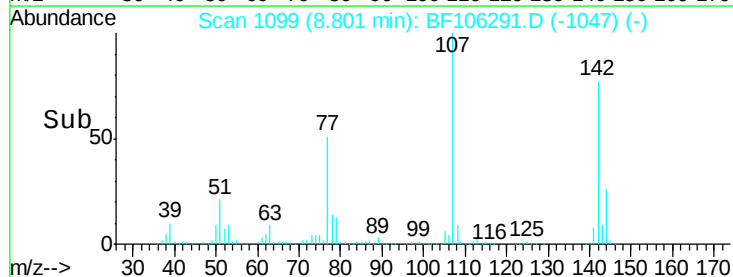
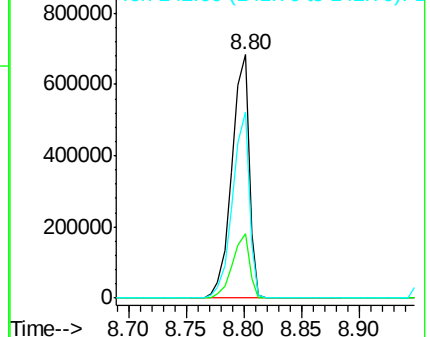
142 76.6 62.0 93.0

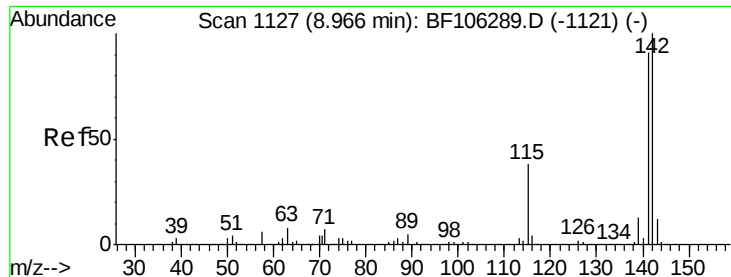


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

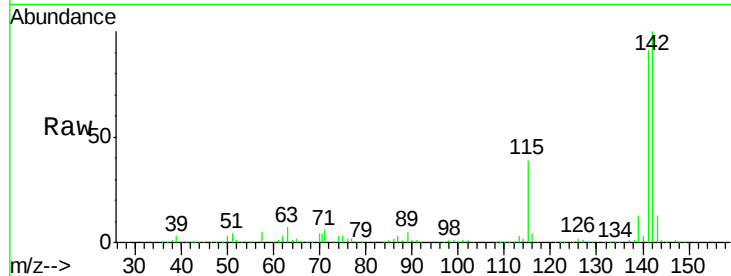




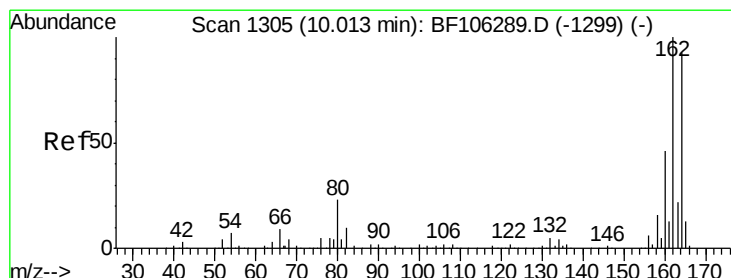
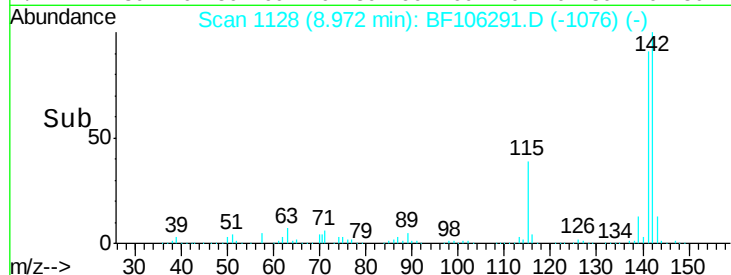
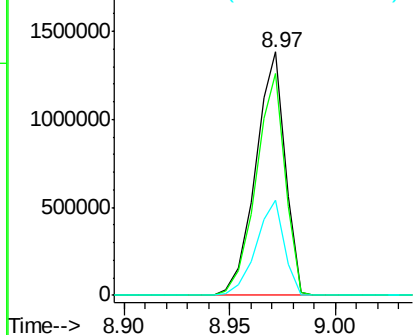
#37
2-Methylnaphthalene
Concen: 50.899 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1342099
Ion Ratio Lower Upper
142 100
141 91.0 70.8 106.2
115 38.9 26.1 39.1

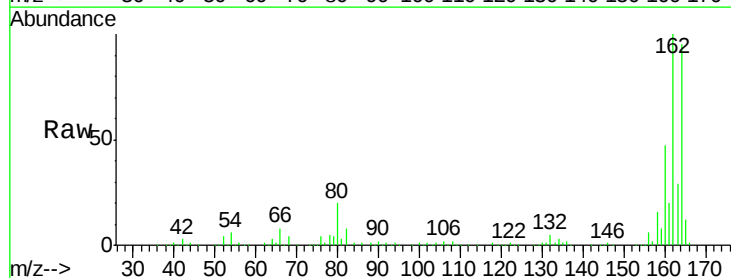


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

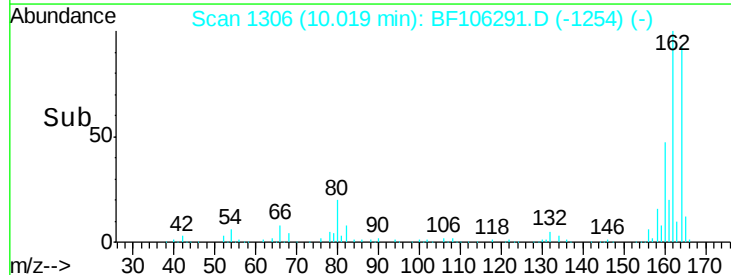
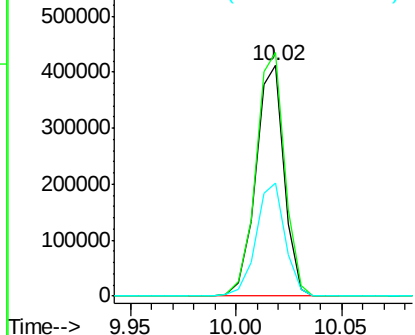


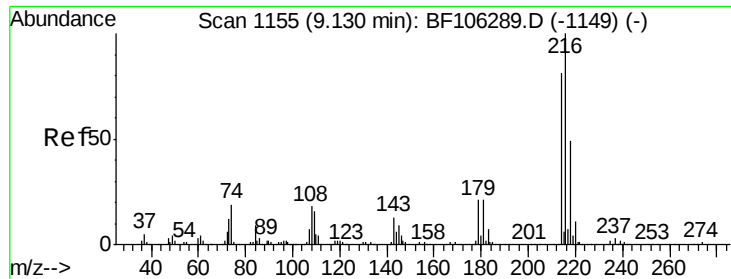
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Tgt Ion:164 Resp: 385381
Ion Ratio Lower Upper
164 100
162 105.5 86.1 129.1
160 49.2 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: 60.509 ng

RT: 9.14 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 703508

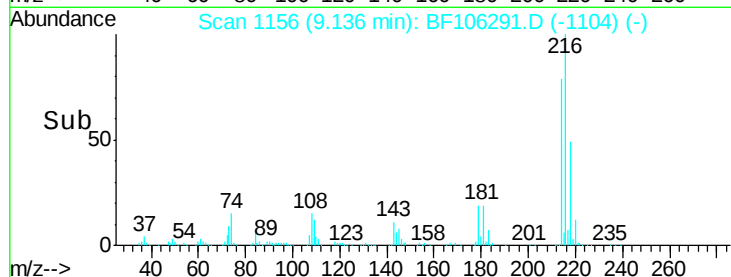
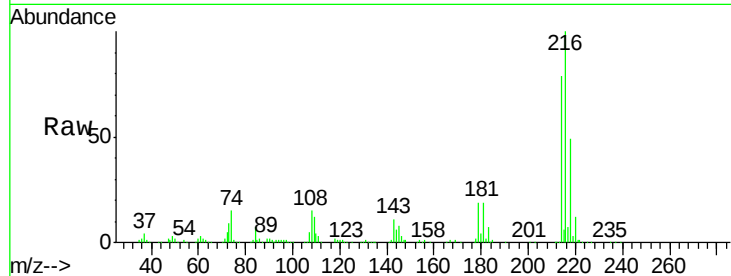
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 20.4 18.1 27.1

108 19.1 17.2 25.8

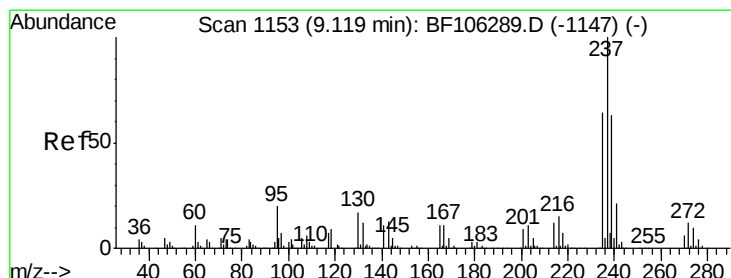
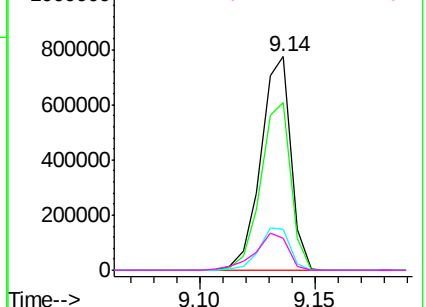


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 55.246 ng

RT: 9.12 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

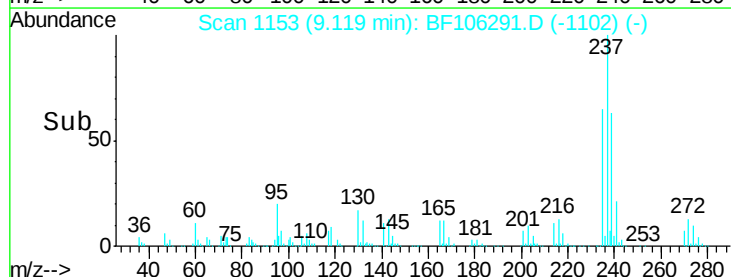
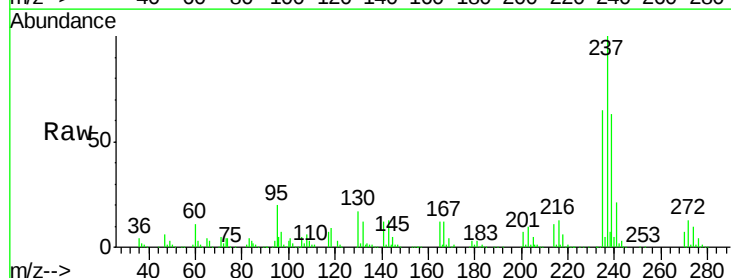
Tgt Ion:237 Resp: 434694

Ion Ratio Lower Upper

237 100

235 65.2 44.8 84.8

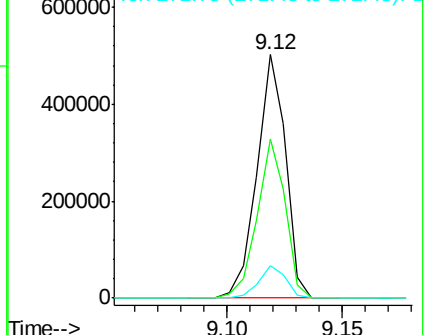
272 13.3 0.0 33.3

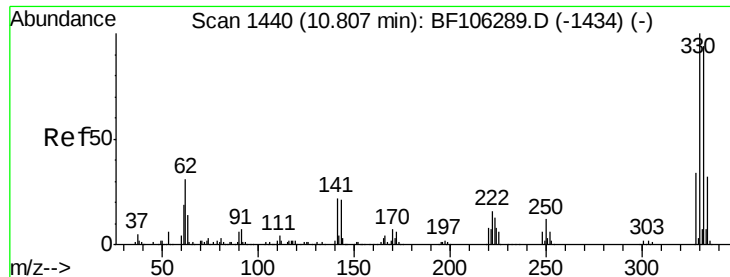


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

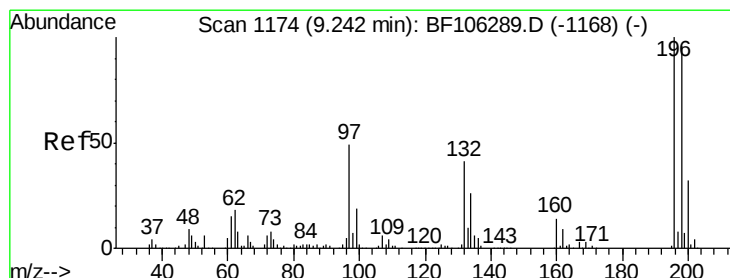
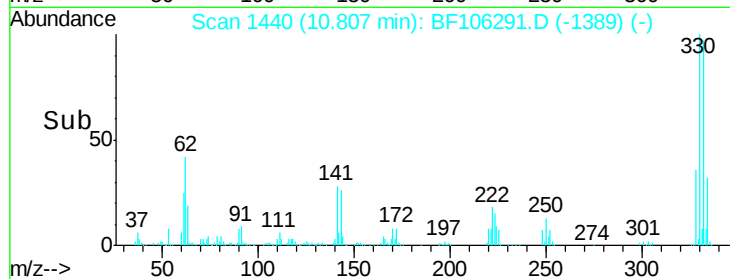
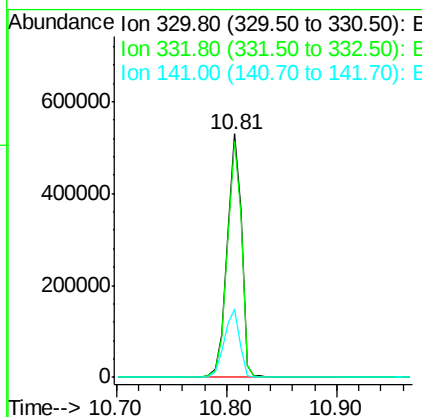
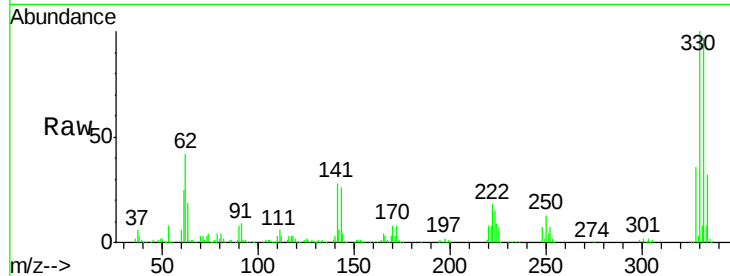




#41
 2,4,6-Tribromophenol
 Concen: 97.045 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF106291.D
 Acq: 11 Jun 2018 13:32

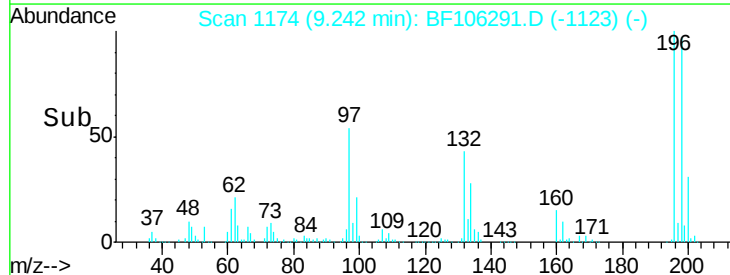
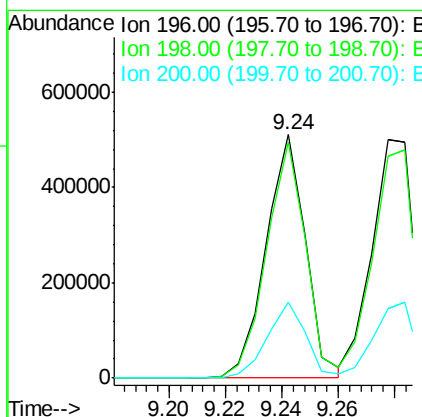
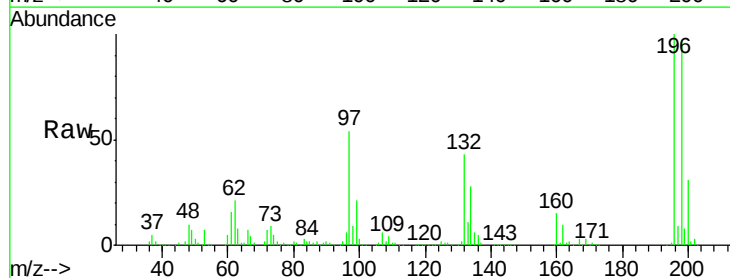
Instrument :
 BNA_F
 ClientSampleId :

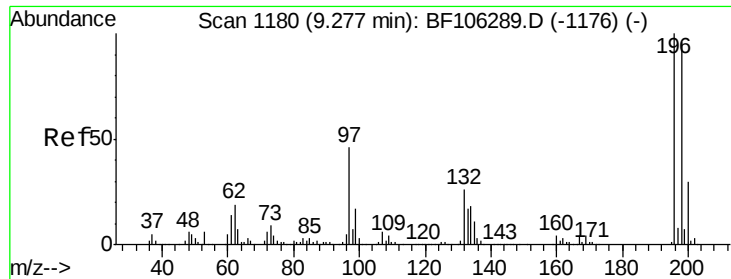
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	30.2	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 62.718 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106291.D
 Acq: 11 Jun 2018 13:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	75.7	113.5
200	31.3	24.5	36.7

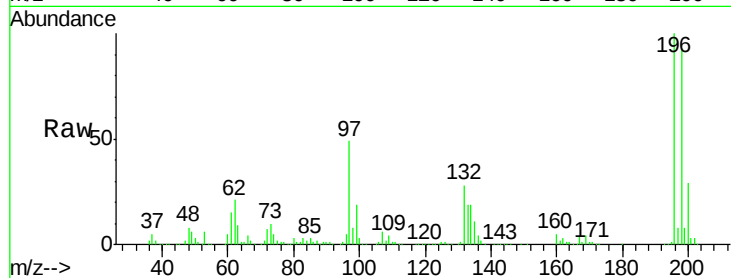




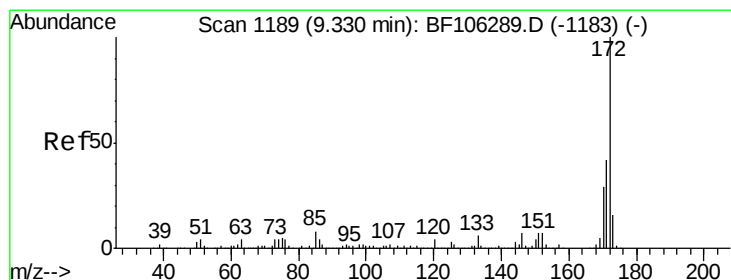
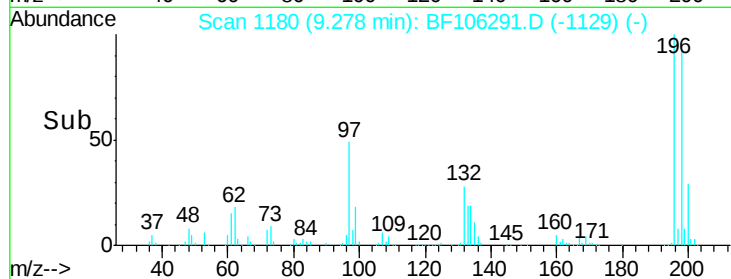
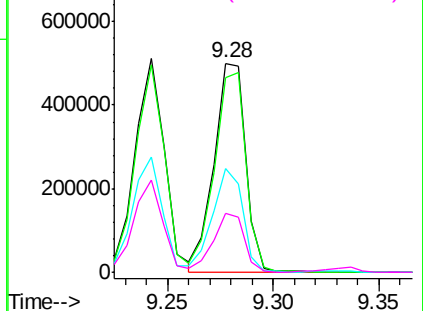
#43
 2,4,5-Trichlorophenol
 Concen: 60.946 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF106291.D
 Acq: 11 Jun 2018 13:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.9	74.6	112.0
97	49.3	42.9	64.3
132	28.3	26.3	39.5

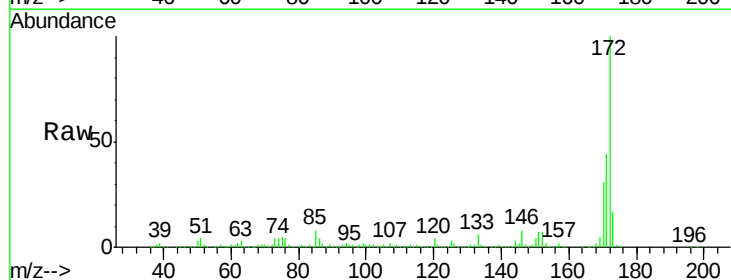


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

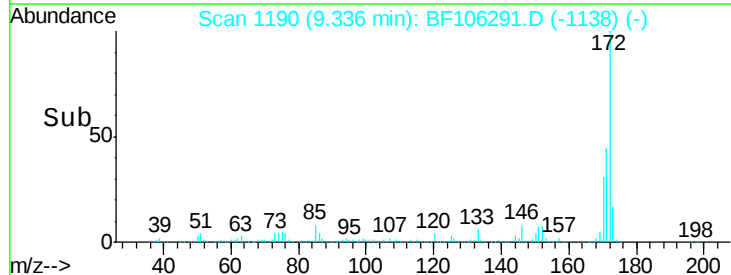
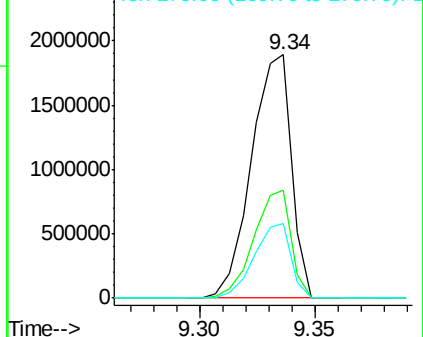


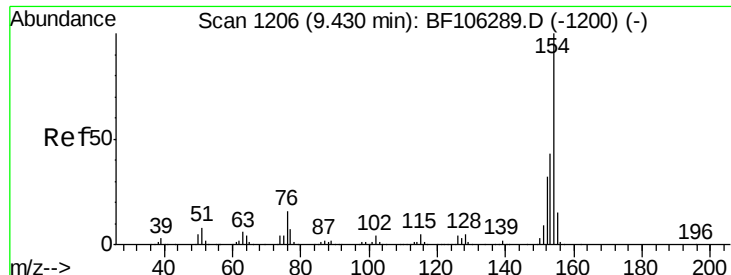
#44
 2-Fluorobiphenyl
 Concen: 85.348 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF106291.D
 Acq: 11 Jun 2018 13:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	44.2	29.7	44.5
170	30.9	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

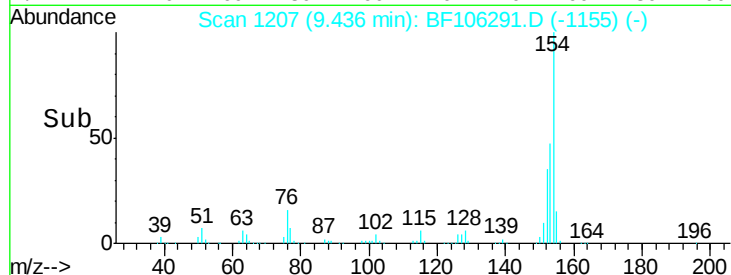
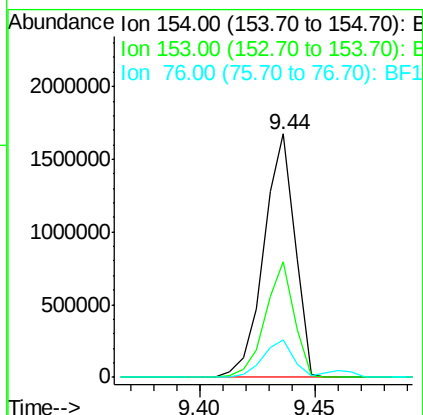
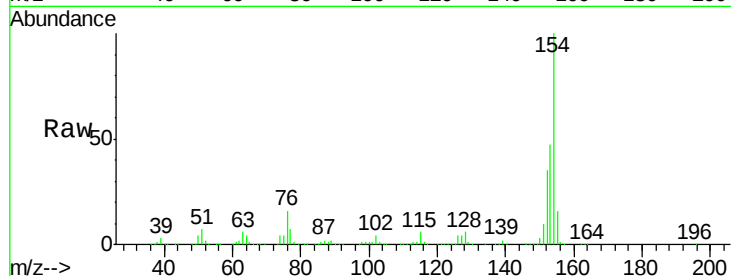




#45
 1,1'-Biphenyl
 Concen: 45.640 ng
 RT: 9.44 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF106291.D
 Acq: 11 Jun 2018 13:32

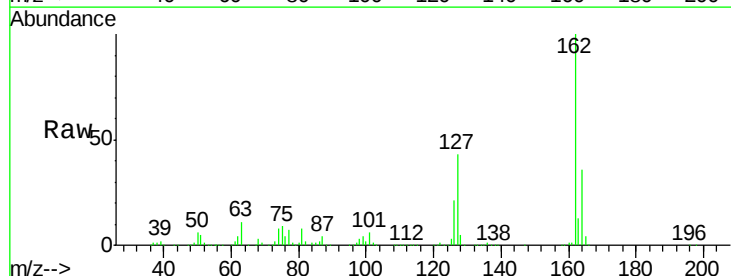
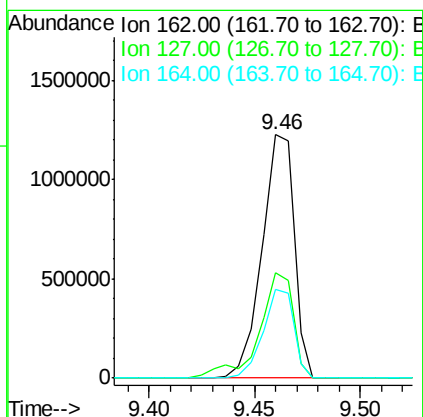
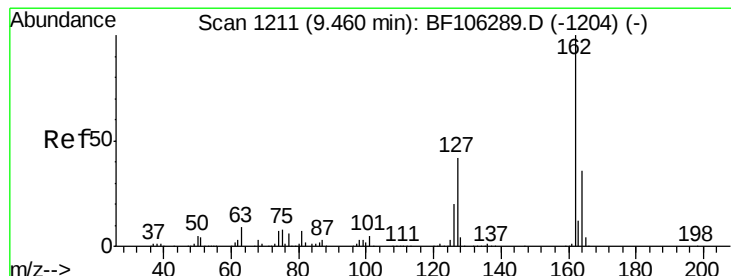
Instrument :
 BNA_F
 ClientSampleId :

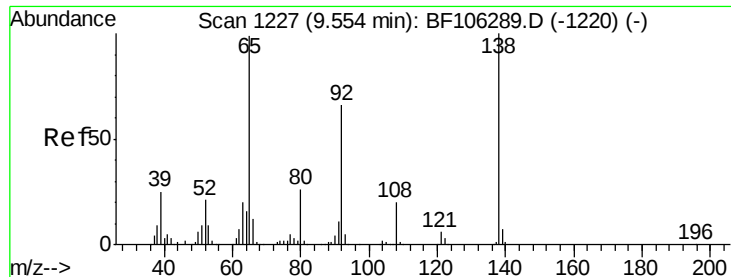
Tot Ion:154 Resp: 1565358
 Ion Ratio Lower Upper
 154 100
 153 47.2 21.3 61.3
 76 15.6 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 50.686 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF106291.D
 Acq: 11 Jun 2018 13:32

Tgt Ion:162 Resp: 1302055
 Ion Ratio Lower Upper
 162 100
 127 43.2 33.9 50.9
 164 36.4 26.5 39.7

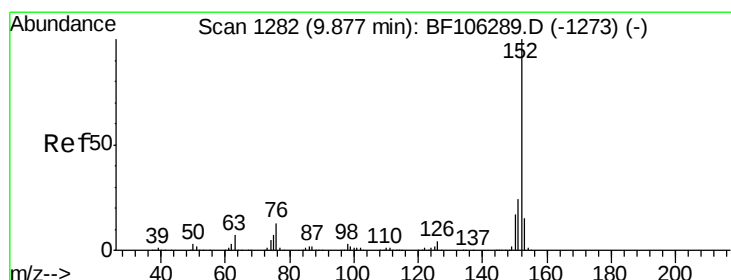
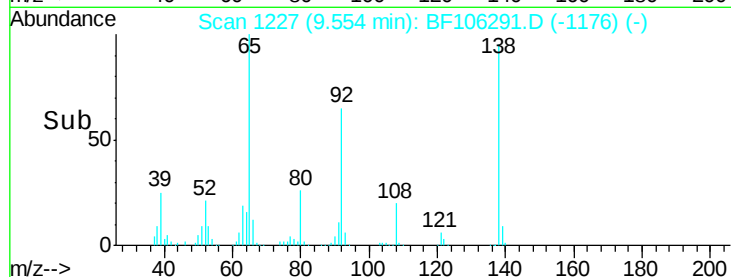
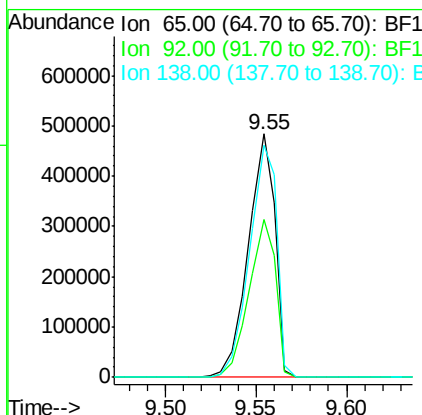
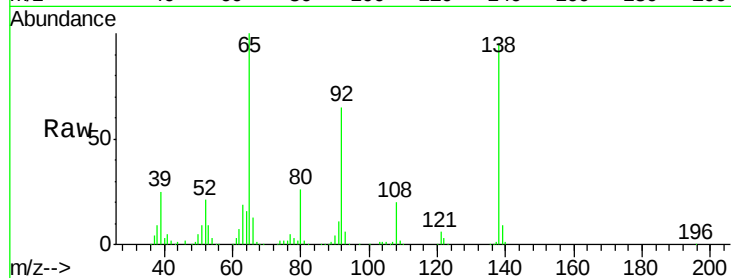




#47
2-Nitroaniline
Concen: 57.650 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

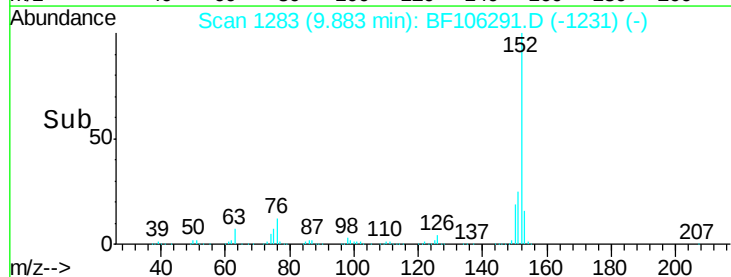
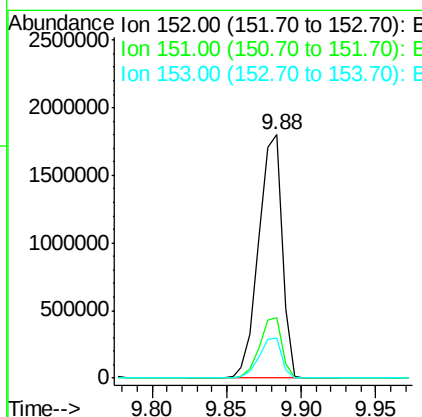
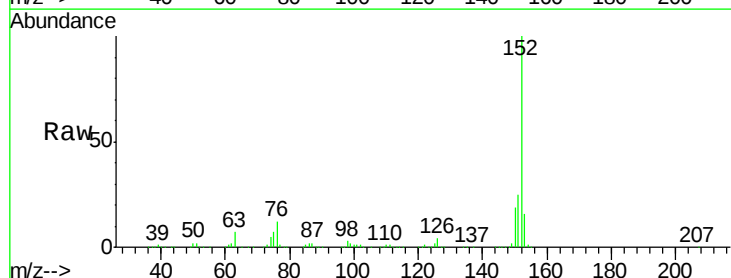
Instrument :
BNA_F
ClientSampleId :

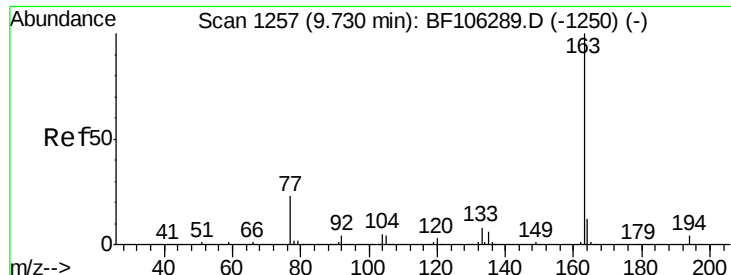
Tot Ion: 65 Resp: 497575
Ion Ratio Lower Upper
65 100
92 64.9 55.8 83.6
138 95.3 91.2 136.8



#48
Acenaphthylene
Concen: 49.313 ng
RT: 9.88 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Tgt Ion: 152 Resp: 1941619
Ion Ratio Lower Upper
152 100
151 24.8 16.3 24.5#
153 16.4 10.7 16.1#

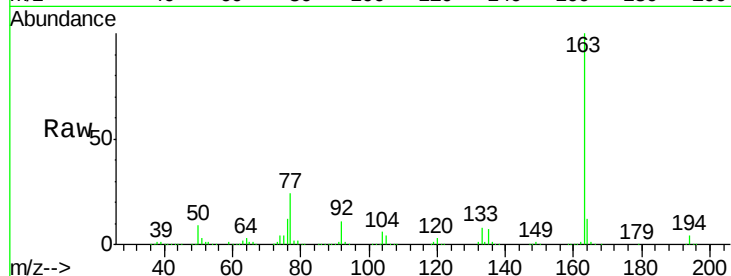




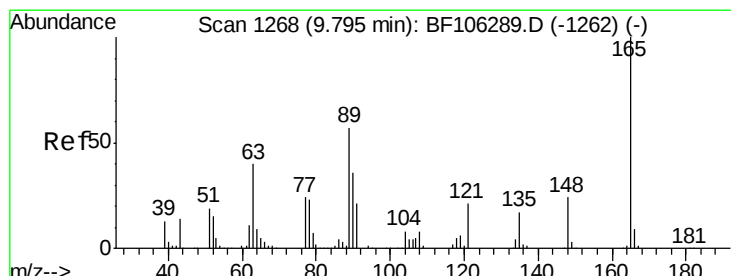
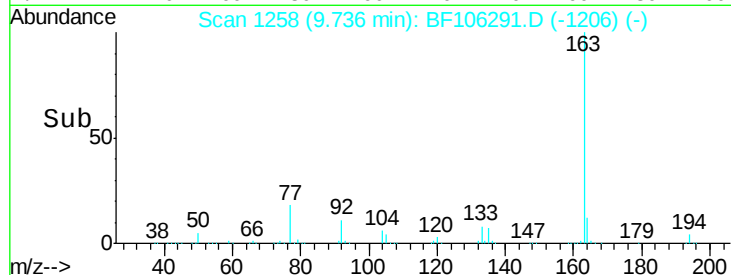
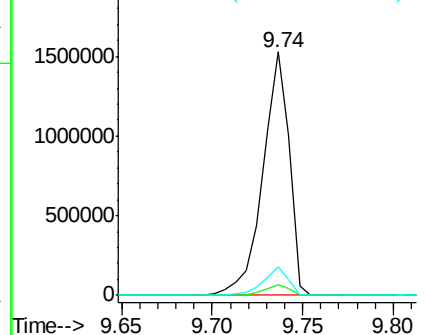
#49
Dimethylphthalate
Concen: 52.091 ng
RT: 9.74 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1541142
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 11.9 8.2 12.2

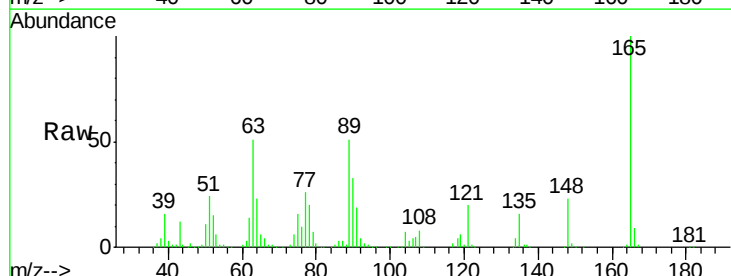


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

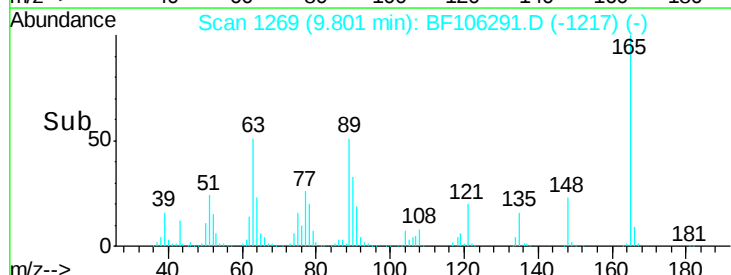
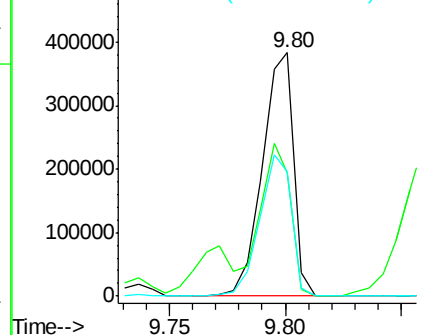


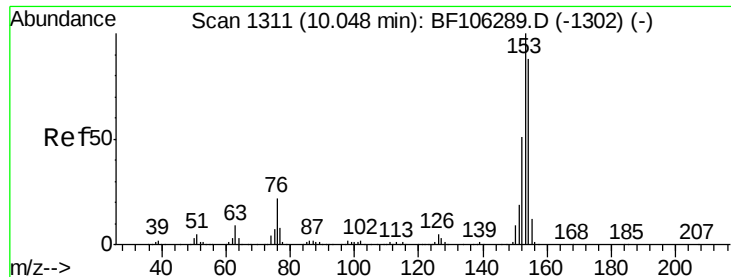
#50
2,6-Dinitrotoluene
Concen: 55.618 ng
RT: 9.80 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Tgt Ion:165 Resp: 362274
Ion Ratio Lower Upper
165 100
63 50.7 44.7 67.1
89 51.2 44.0 66.0



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





#51

Acenaphthene

Concen: 49.758 ng

RT: 10.05 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

Instrument :

BNA_F

ClientSampleId :

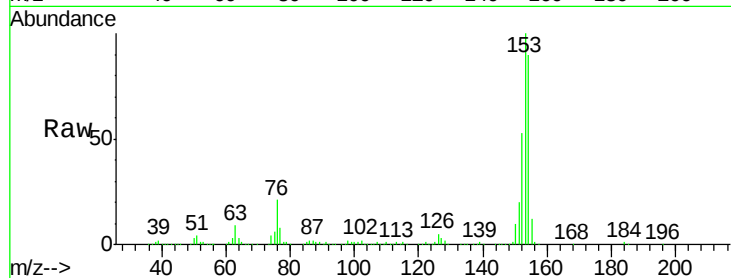
Tot Ion:154 Resp: 1296982

Ion Ratio Lower Upper

154 100

153 111.7 91.2 136.8

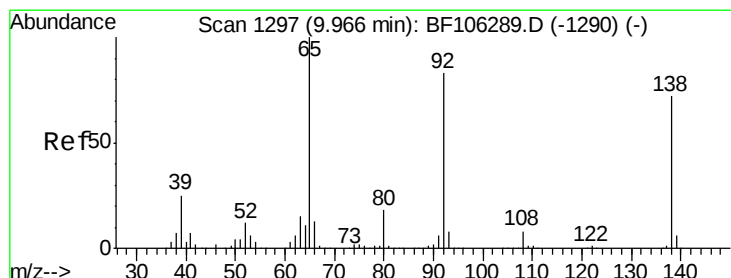
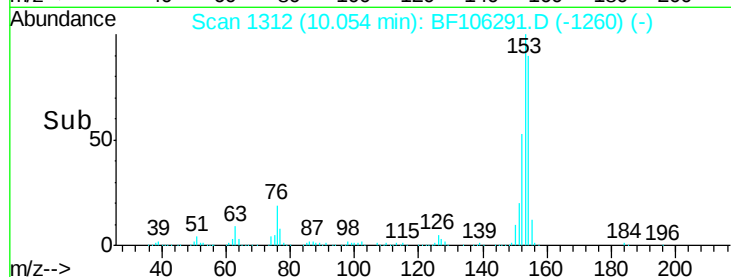
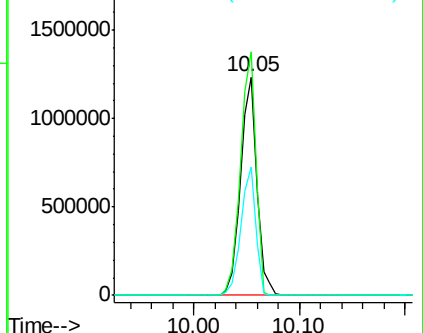
152 58.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 56.465 ng

RT: 9.97 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

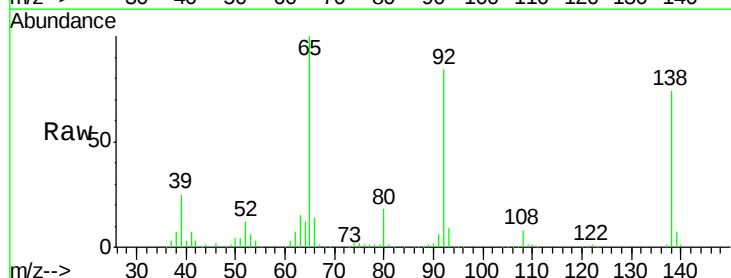
Tgt Ion:138 Resp: 423780

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

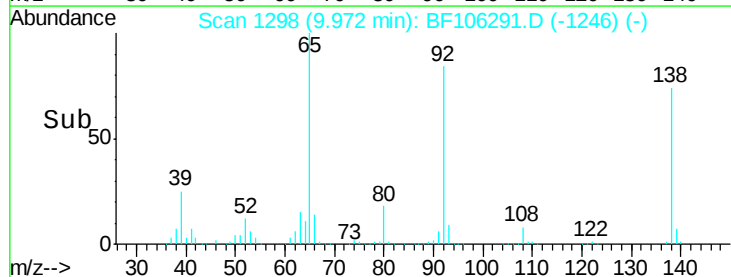
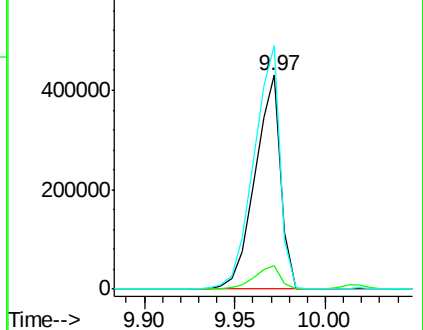
92 113.8 89.4 134.2

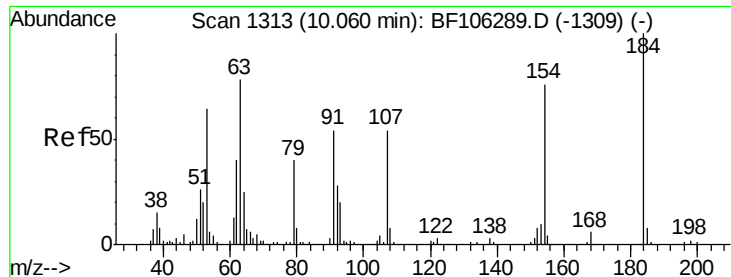


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

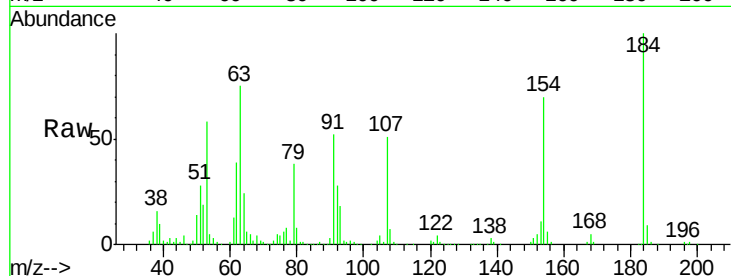




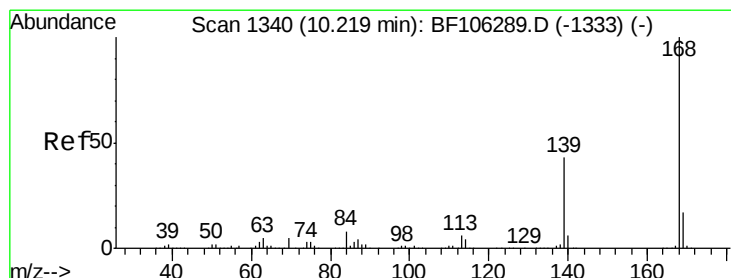
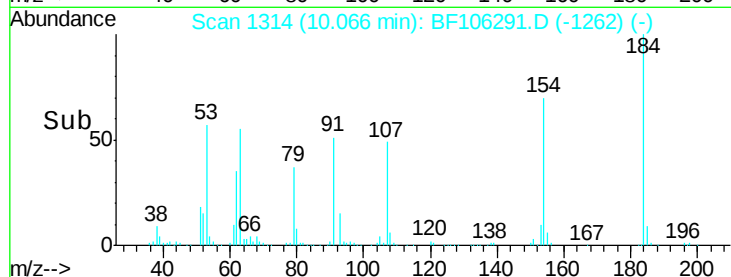
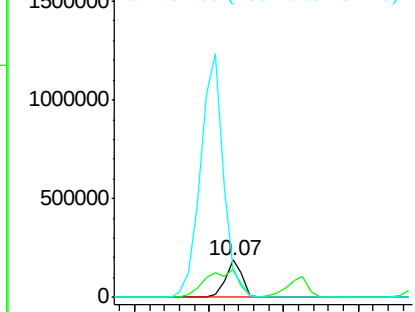
#53
 2,4-Dinitrophenol
 Concen: 39.842 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF106291.D
 Acq: 11 Jun 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 152513
 Ion Ratio Lower Upper
 184 100
 63 75.4 54.2 81.2
 154 69.9 184.0 276.0#

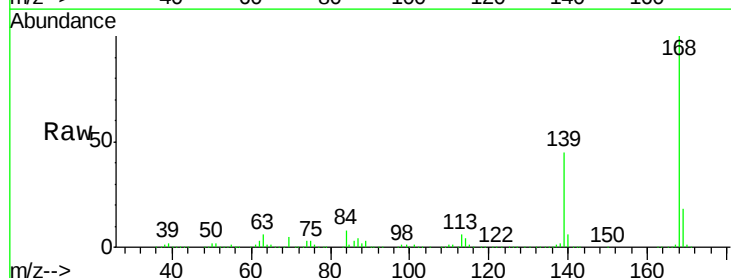


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

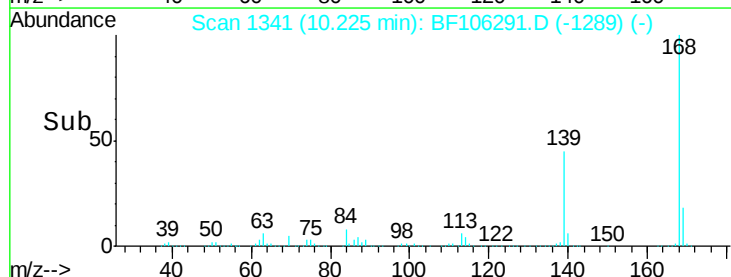
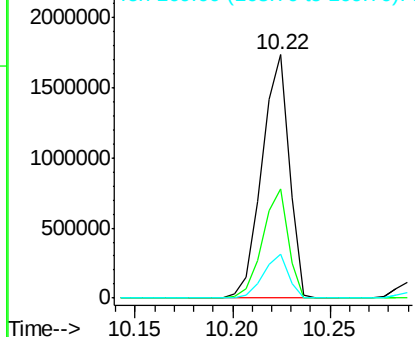


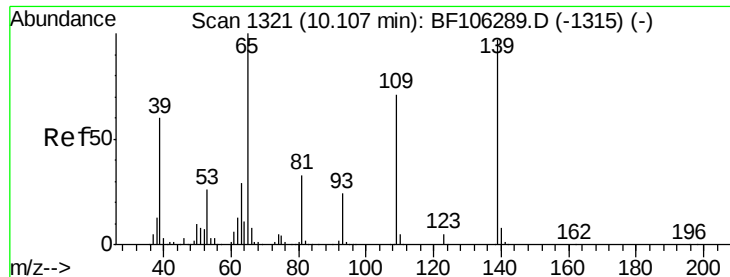
#54
 Dibenzofuran
 Concen: 48.004 ng
 RT: 10.22 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF106291.D
 Acq: 11 Jun 2018 13:32

Tgt Ion:168 Resp: 1680852
 Ion Ratio Lower Upper
 168 100
 139 44.9 30.1 45.1
 169 17.8 10.9 16.3#



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 54.828 ng

RT: 10.11 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

Instrument :

BNA_F

ClientSampled :

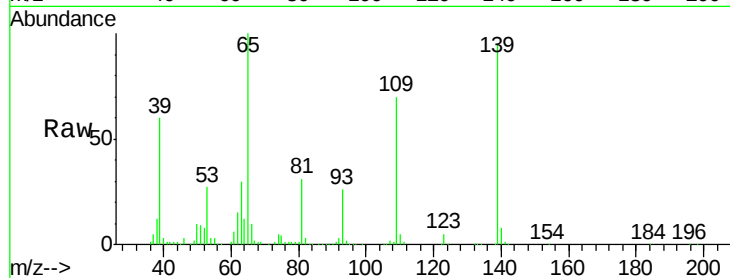
Tot Ion:139 Resp: 336573

Ion Ratio Lower Upper

139 100

109 73.5 48.4 88.4

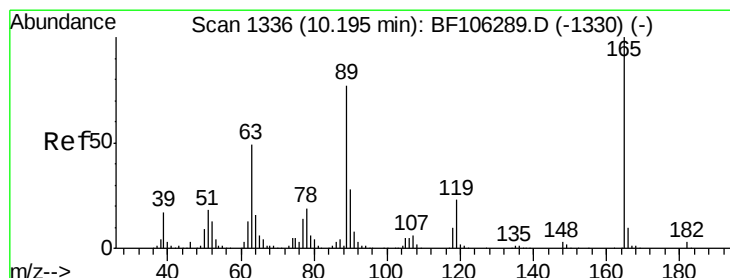
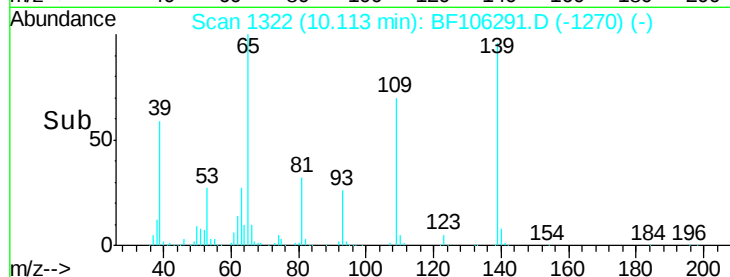
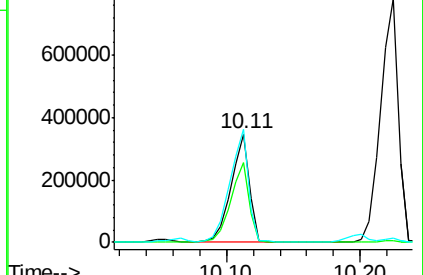
65 104.9 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 55.426 ng

RT: 10.20 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

Tgt Ion:165 Resp: 469674

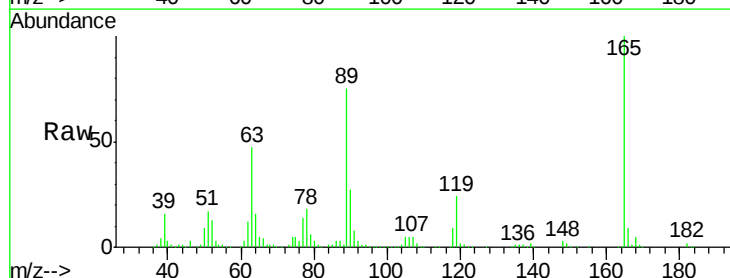
Ion Ratio Lower Upper

165 100

63 46.9 36.4 54.6

89 74.9 57.8 86.6

182 2.2 1.6 2.4

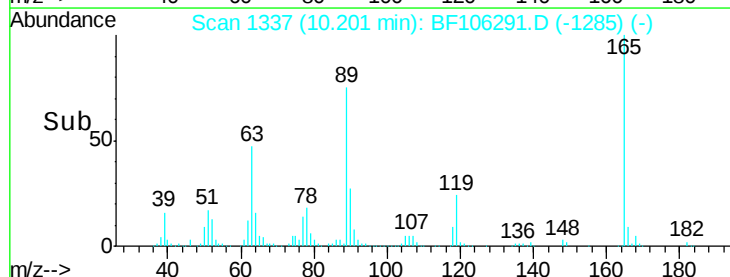
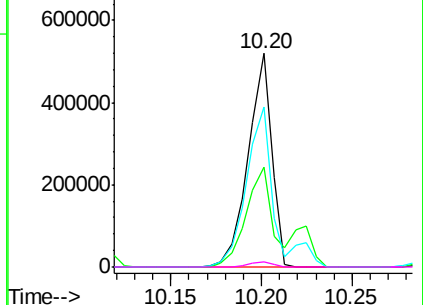


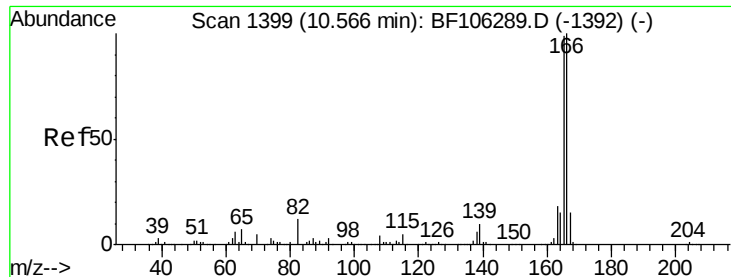
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

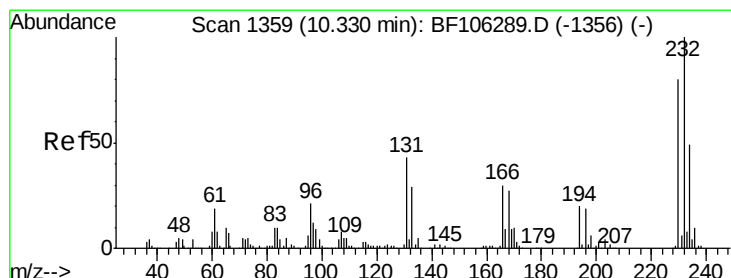
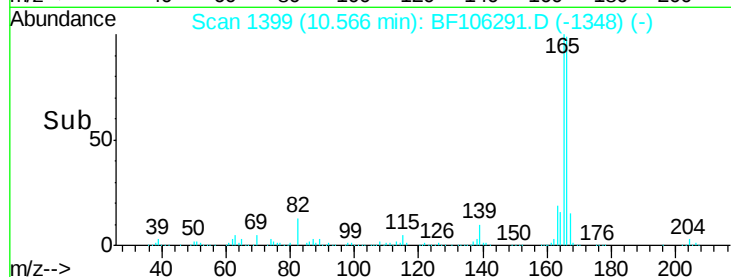
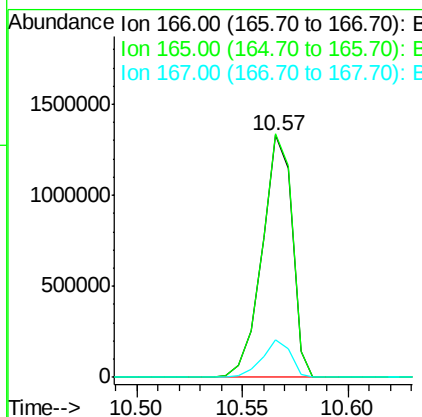
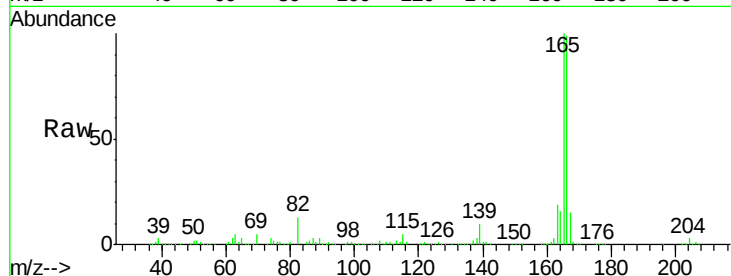




#57
 Fluorene
 Concen: 49.694 ng
 RT: 10.57 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF106291.D
 Acq: 11 Jun 2018 13:32

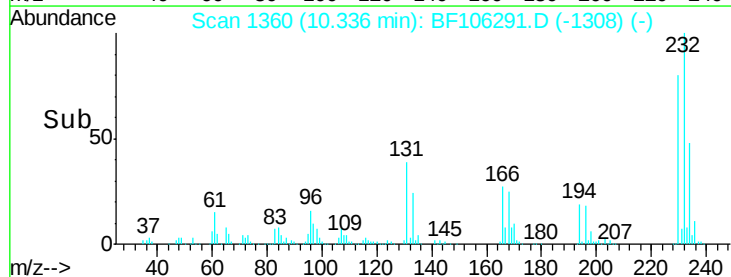
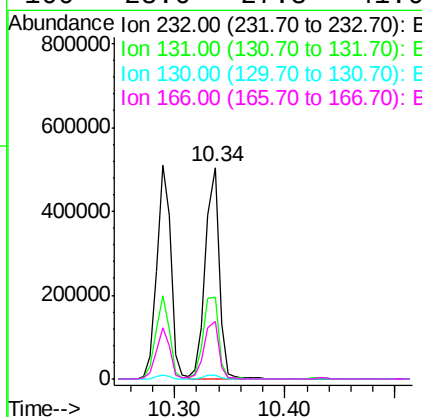
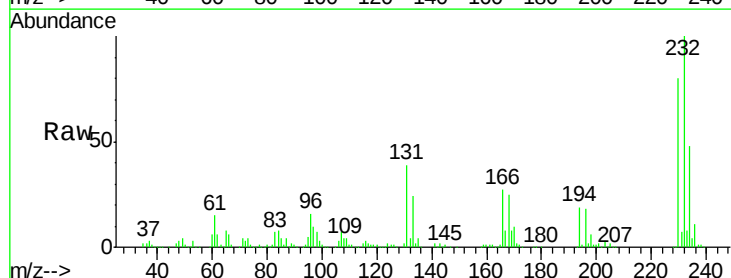
Instrument :
 BNA_F
 ClientSampleId :

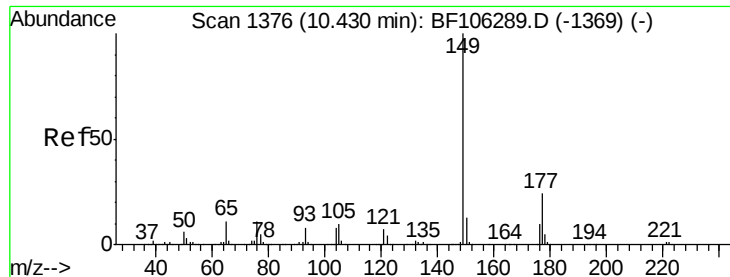
Tot Ion:166 Resp: 1316734
 Ion Ratio Lower Upper
 166 100
 165 100.6 79.8 119.8
 167 15.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 60.438 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF106291.D
 Acq: 11 Jun 2018 13:32

Tgt Ion:232 Resp: 426595
 Ion Ratio Lower Upper
 232 100
 131 43.4 43.8 65.8#
 130 2.0 2.1 3.1#
 166 28.6 27.8 41.6

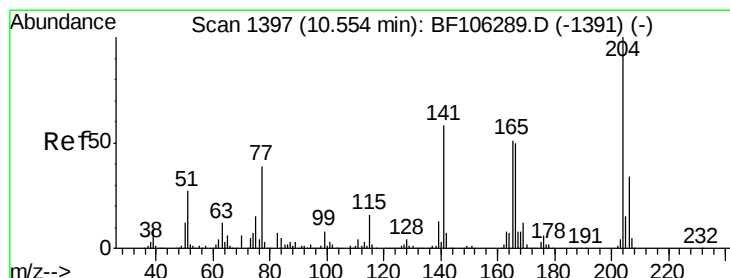
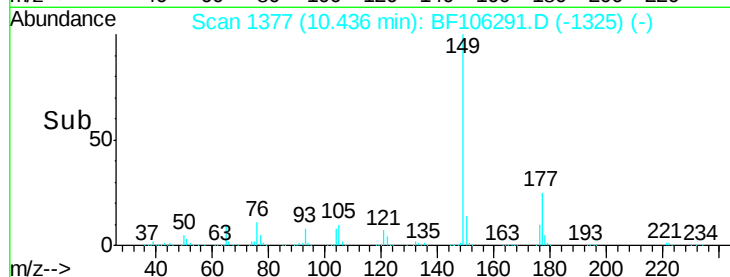
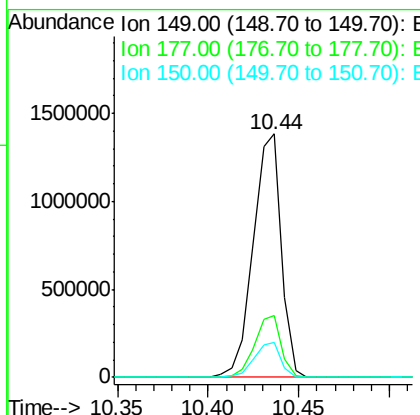
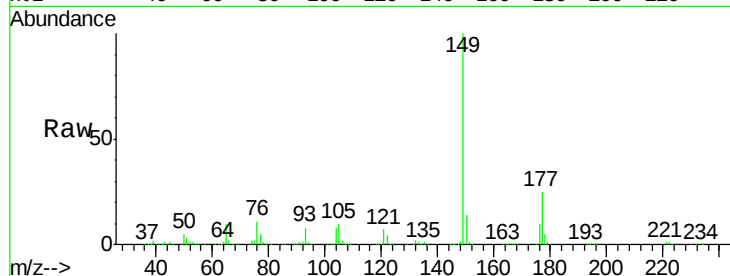




#59
Diethylphthalate
Concen: 50.345 ng
RT: 10.44 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

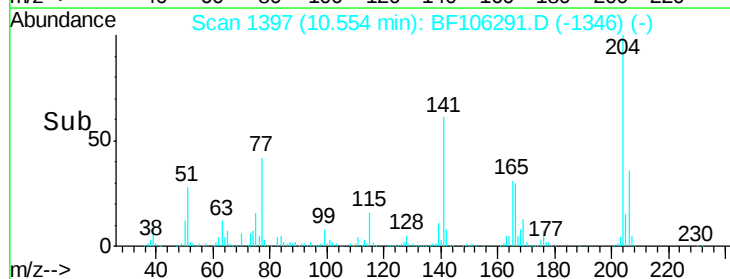
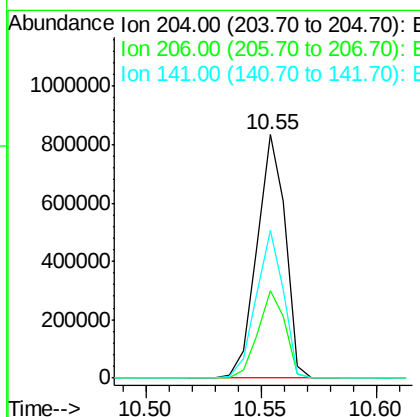
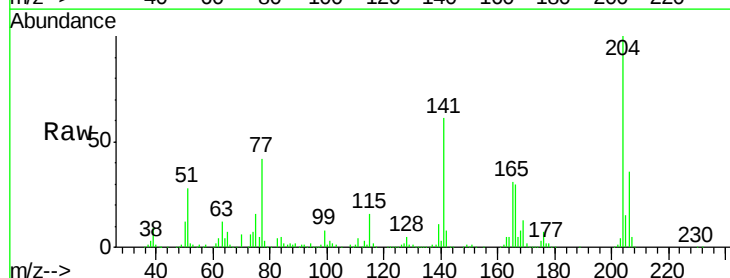
Instrument :
BNA_F
ClientSampleId :

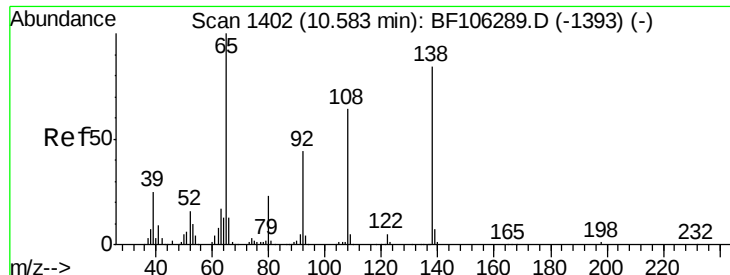
Tot Ion:149 Resp: 1485932
Ion Ratio Lower Upper
149 100
177 25.4 16.1 24.1#
150 14.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 58.094 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Tgt Ion:204 Resp: 712915
Ion Ratio Lower Upper
204 100
206 35.8 26.5 39.7
141 60.8 54.6 81.8

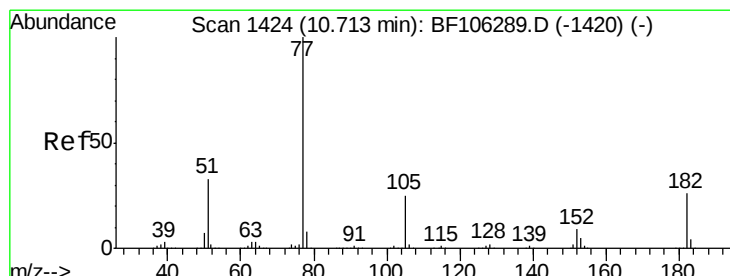
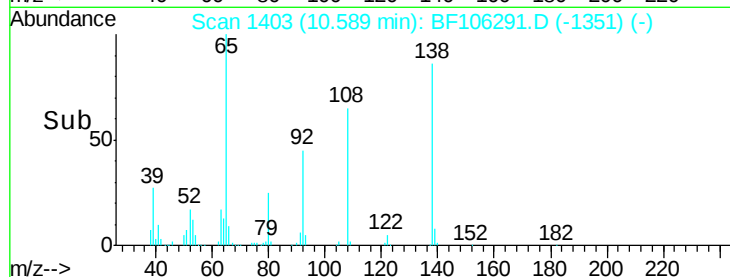
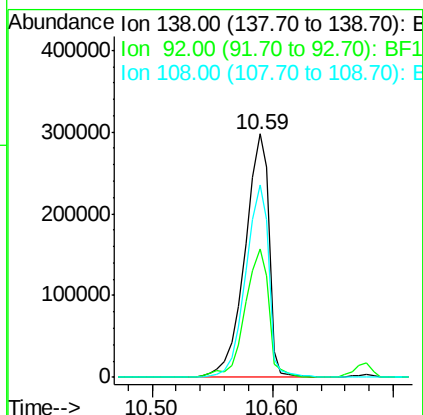
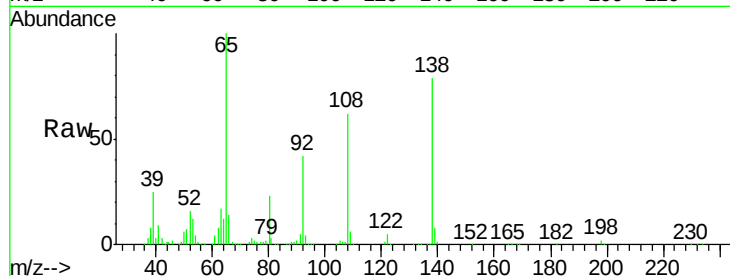




#61
4-Nitroaniline
Concen: 55.264 ng
RT: 10.59 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

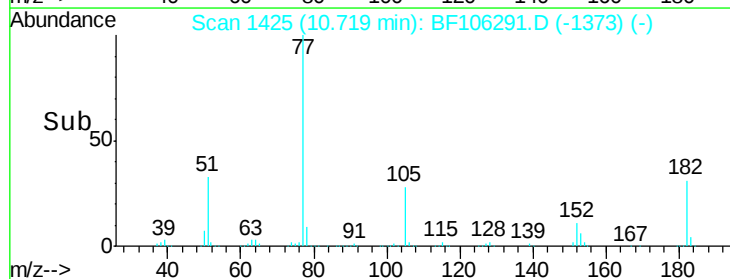
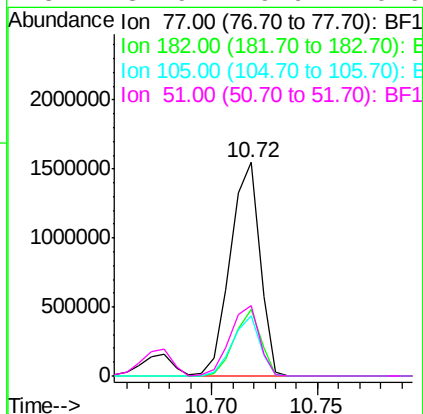
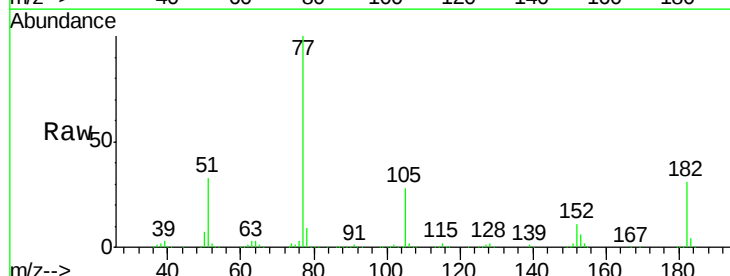
Instrument :
BNA_F
ClientSampled :

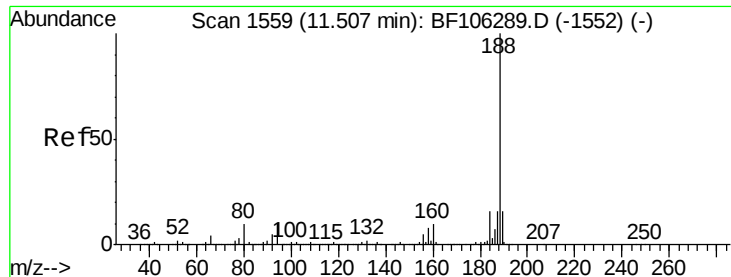
Tot Ion:138 Resp: 414691
Ion Ratio Lower Upper
138 100
92 52.8 30.2 70.2
108 78.9 52.5 92.5



#62
Azobenzene
Concen: 51.934 ng
RT: 10.72 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Tgt Ion: 77 Resp: 1500149
Ion Ratio Lower Upper
77 100
182 31.4 1.7 41.7
105 28.0 3.0 43.0
51 32.9 9.9 49.9

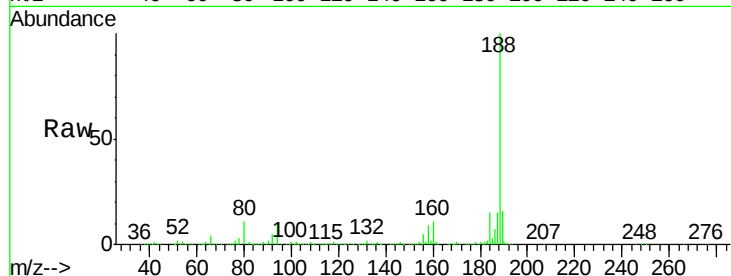




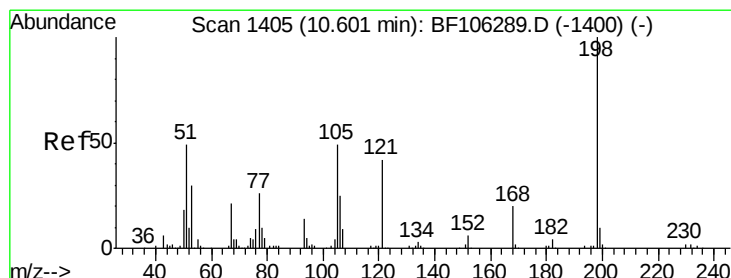
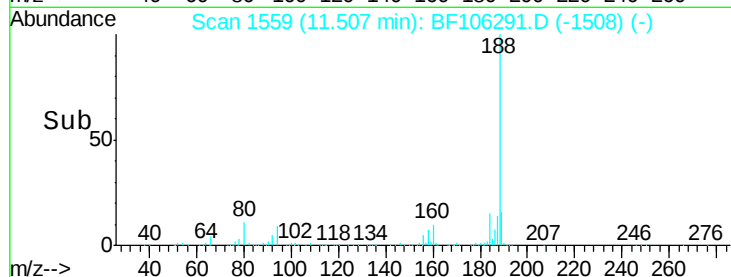
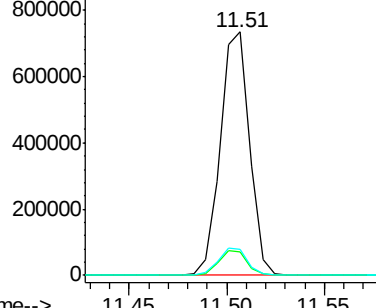
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 759196
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.6 9.2 13.8

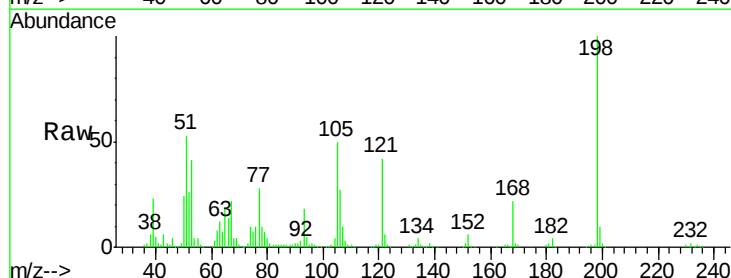


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

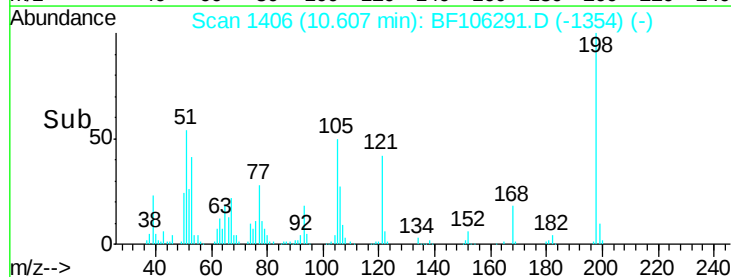
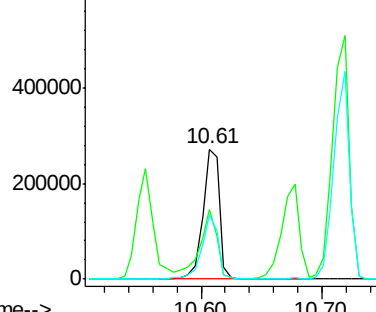


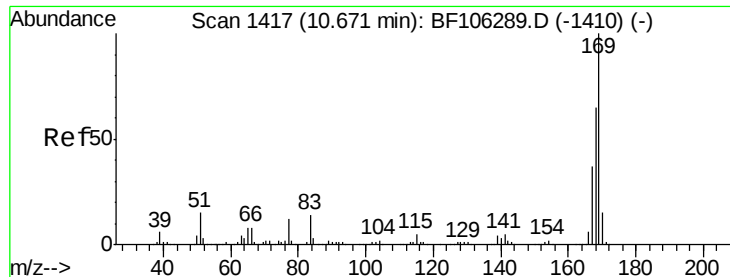
#64
4,6-Dinitro-2-methylphenol
Concen: 56.918 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Tgt Ion:198 Resp: 259102
Ion Ratio Lower Upper
198 100
51 53.4 37.7 77.7
105 49.7 36.3 76.3



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

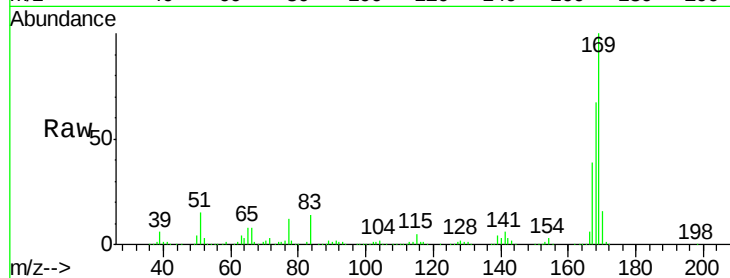




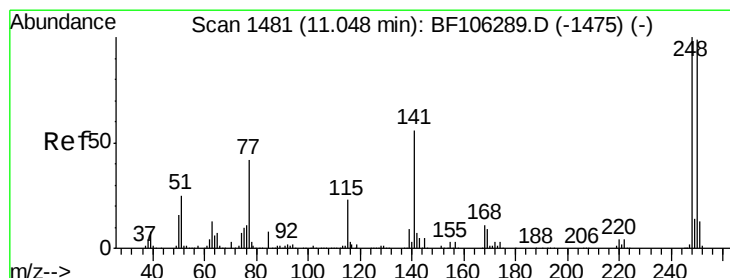
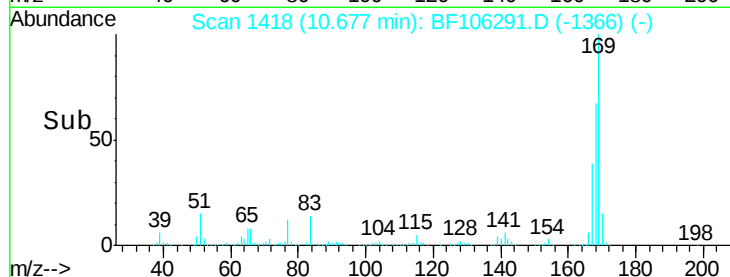
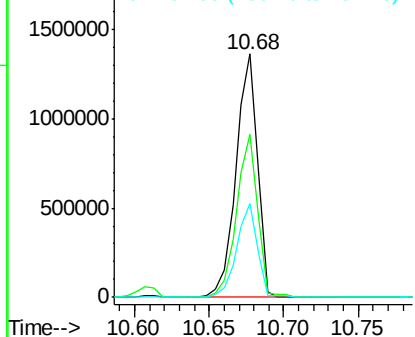
#65
n-Nitrosodiphenylamine
Concen: 53.807 ng
RT: 10.68 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 1369820
Ion Ratio Lower Upper
169 100
168 66.8 54.4 81.6
167 38.8 29.8 44.6

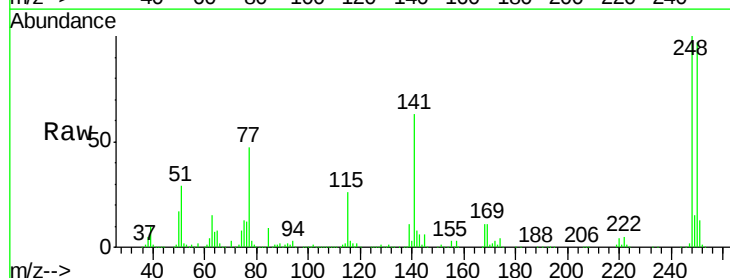


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

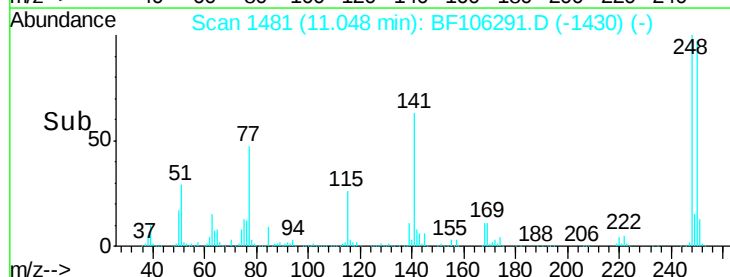
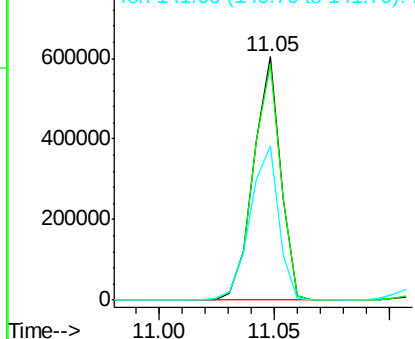


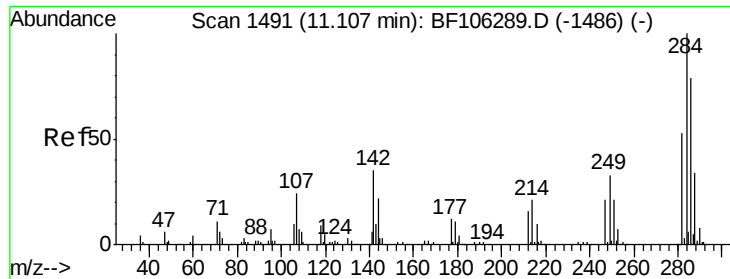
#66
4-Bromophenyl-phenylether
Concen: 58.659 ng
RT: 11.05 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Tgt Ion:248 Resp: 495396
Ion Ratio Lower Upper
248 100
250 96.8 76.9 115.3
141 63.1 74.4 111.6#



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

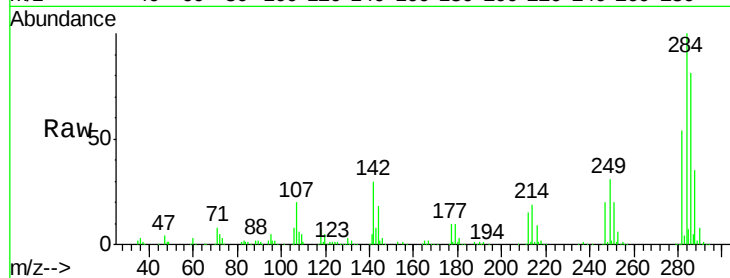




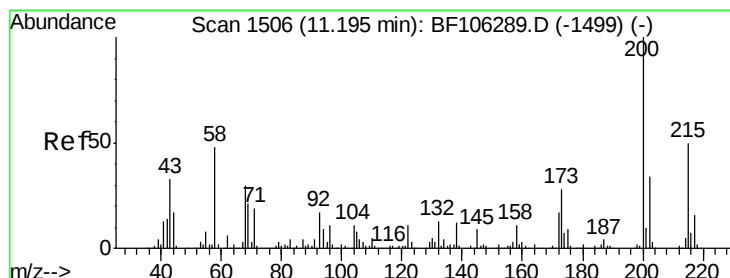
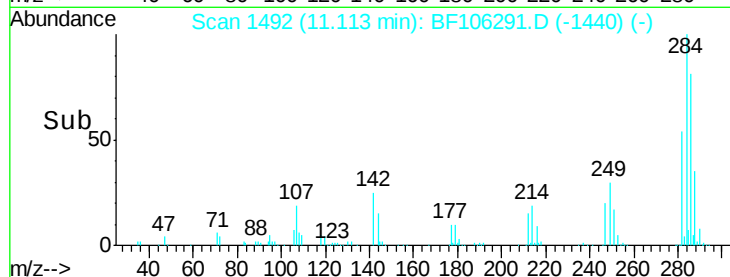
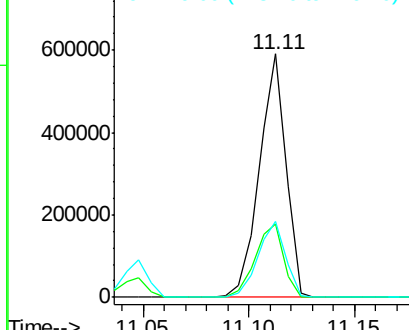
#67
Hexachlorobenzene
Concen: 53.563 ng
RT: 11.11 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 517043
Ion Ratio Lower Upper
284 100
142 30.2 34.6 52.0#
249 31.3 24.8 37.2

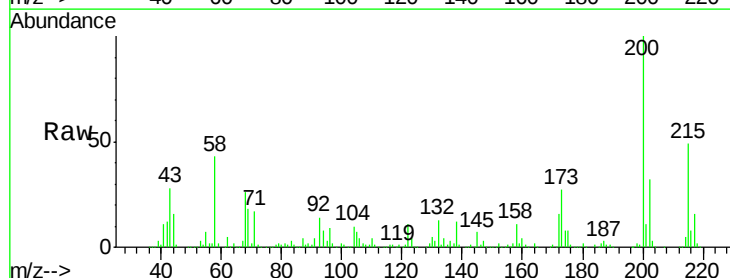


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

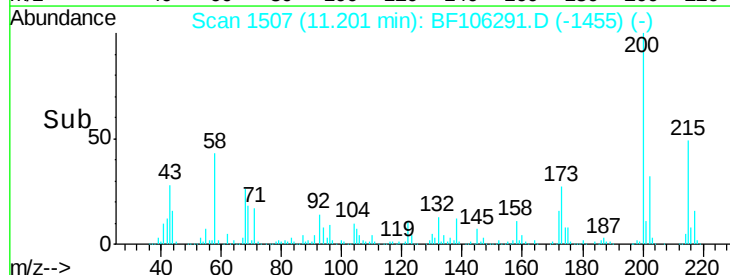
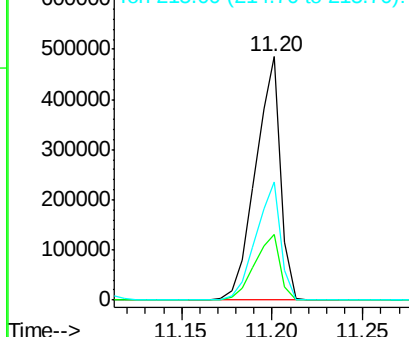


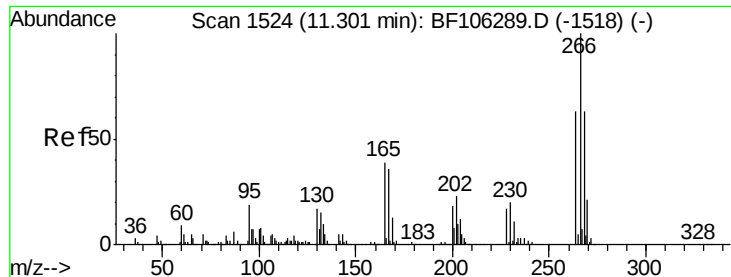
#68
Atrazine
Concen: 57.289 ng
RT: 11.20 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Tgt Ion:200 Resp: 463587
Ion Ratio Lower Upper
200 100
173 26.8 8.6 48.6
215 48.8 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

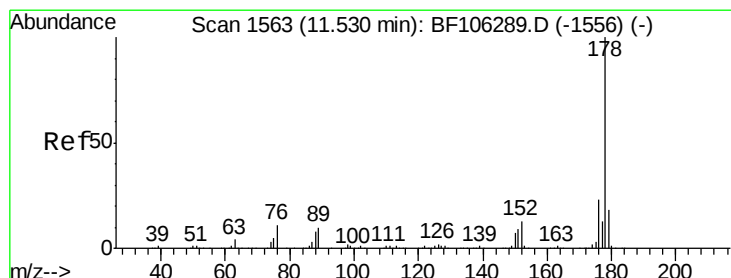
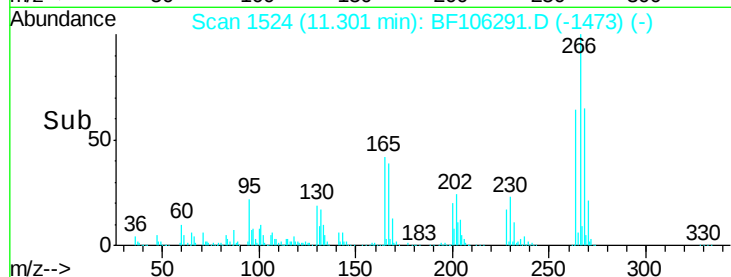
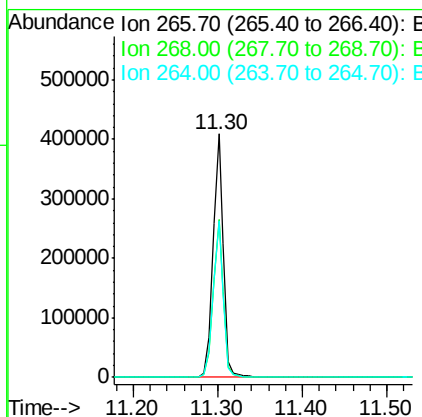
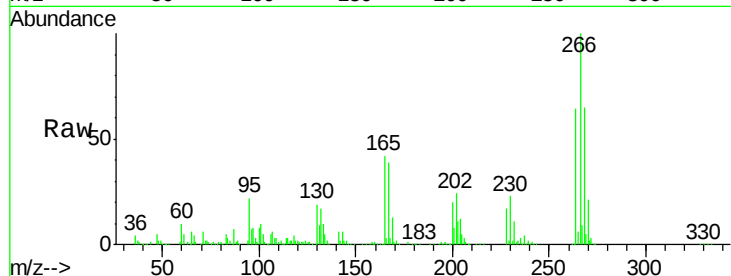




#69
 Pentachlorophenol
 Concen: 62.164 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106291.D
 Acq: 11 Jun 2018 13:32

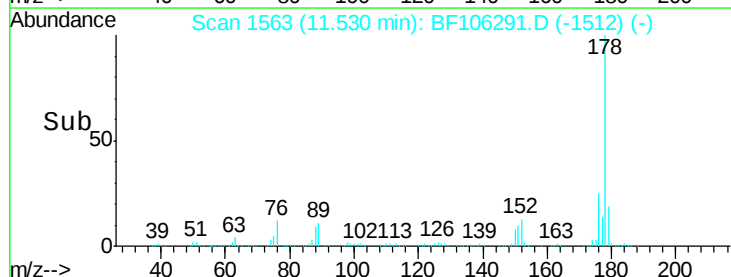
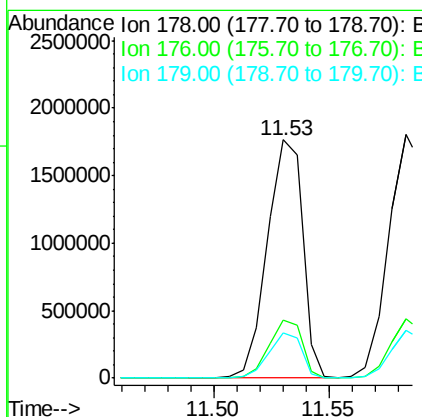
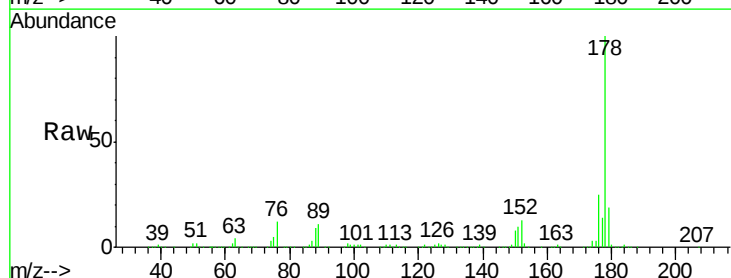
Instrument :
 BNA_F
 ClientSampled :

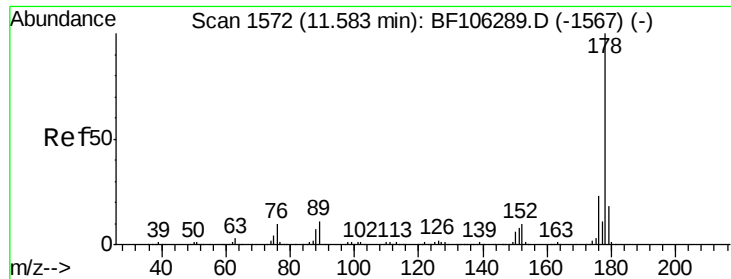
Tot Ion:266 Resp: 362057
 Ion Ratio Lower Upper
 266 100
 268 64.9 51.1 76.7
 264 64.4 49.5 74.3



#70
 Phenanthrene
 Concen: 43.936 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF106291.D
 Acq: 11 Jun 2018 13:32

Tgt Ion:178 Resp: 1879825
 Ion Ratio Lower Upper
 178 100
 176 24.5 15.8 23.8#
 179 19.2 13.0 19.6

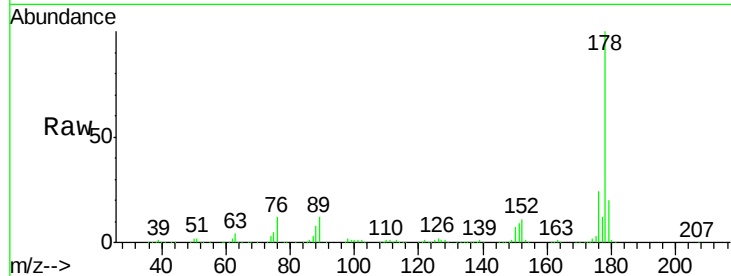




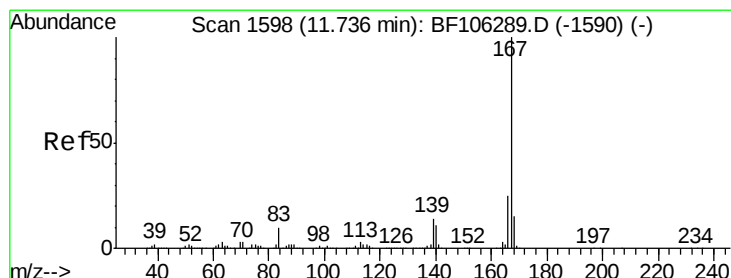
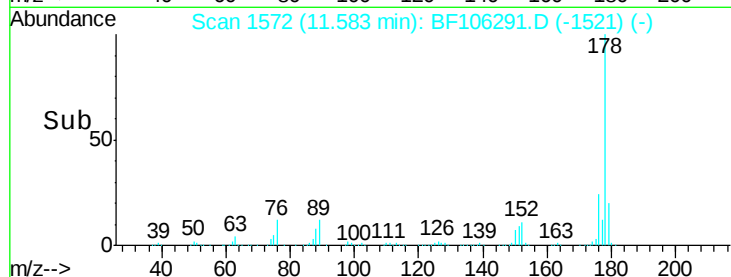
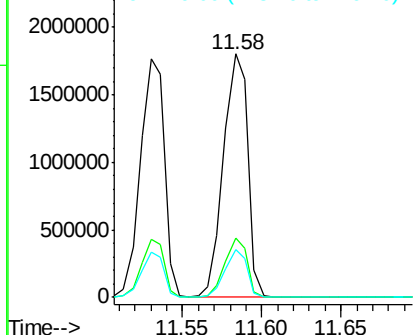
#71
 Anthracene
 Concen: 43.356 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF106291.D
 Acq: 11 Jun 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1920173
 Ion Ratio Lower Upper
 178 100
 176 24.1 15.4 23.2#
 179 19.6 12.6 19.0#

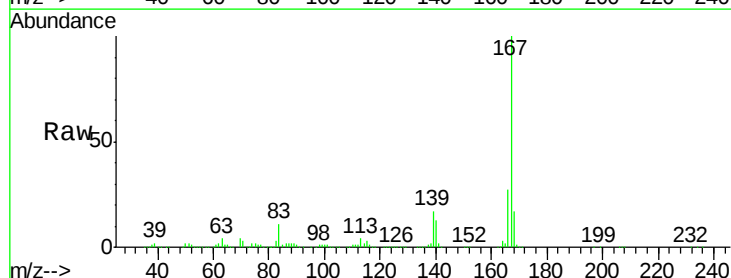


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

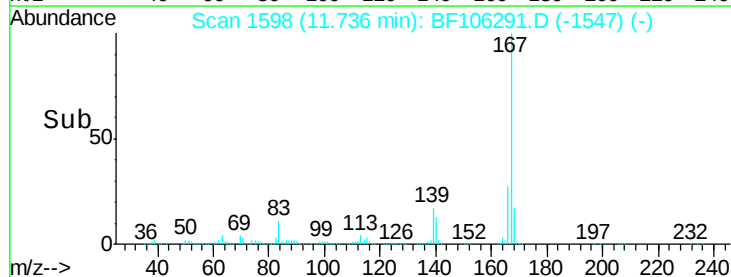
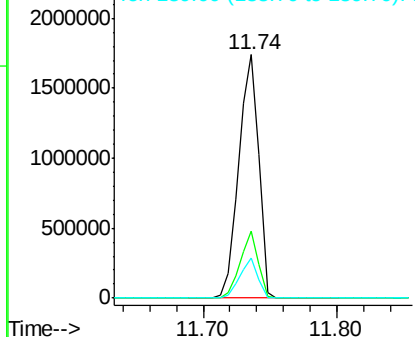


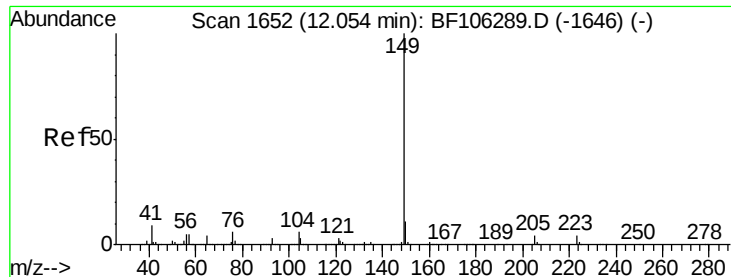
#72
 Carbazole
 Concen: 46.866 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF106291.D
 Acq: 11 Jun 2018 13:32

Tgt Ion:167 Resp: 1816744
 Ion Ratio Lower Upper
 167 100
 166 27.4 17.6 26.4#
 139 16.6 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

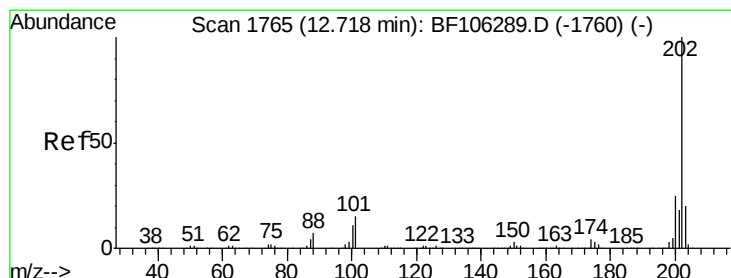
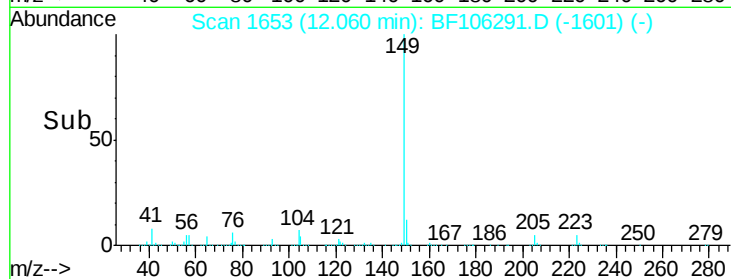
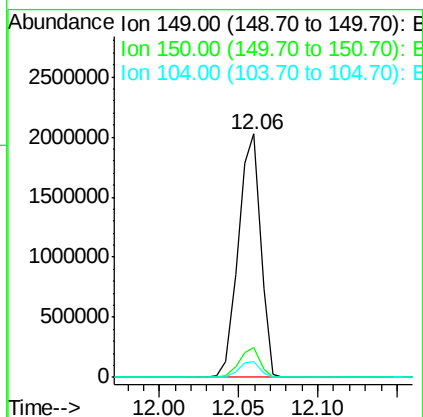
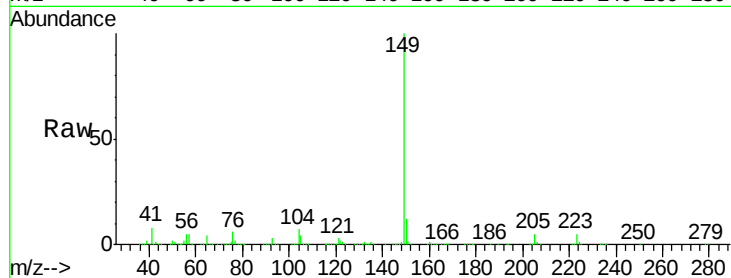




#73
Di-n-butylphthalate
Concen: 41.126 ng
RT: 12.06 min Scan# 1653
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

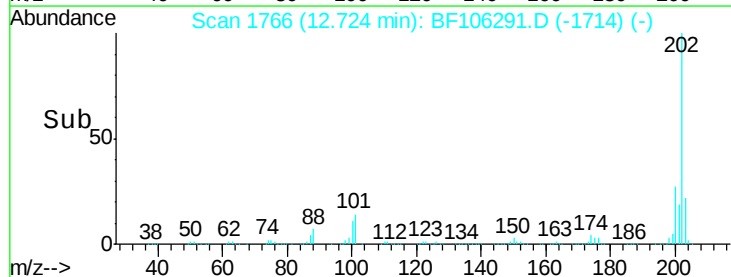
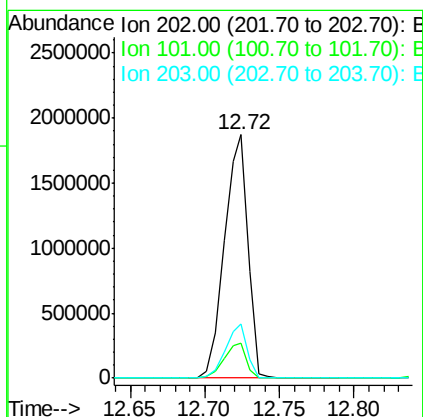
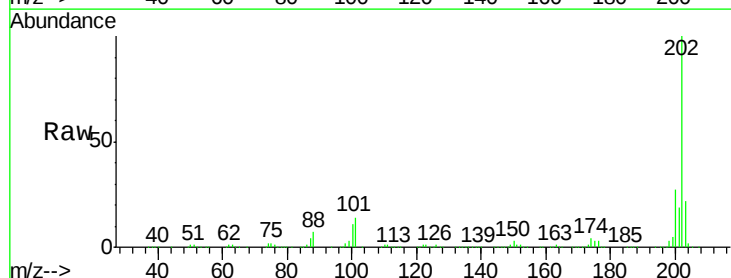
Instrument :
BNA_F
ClientSampleId :

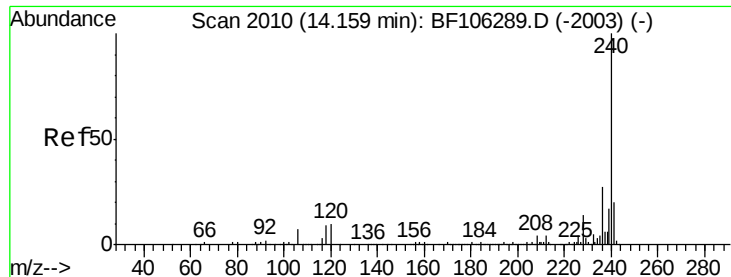
Tot Ion:149 Resp: 1968544
Ion Ratio Lower Upper
149 100
150 12.1 7.8 11.6#
104 6.6 3.8 5.8#



#74
Fluoranthene
Concen: 48.750 ng
RT: 12.72 min Scan# 1766
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Tgt Ion:202 Resp: 2073423
Ion Ratio Lower Upper
202 100
101 14.2 0.0 34.1
203 22.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

Instrument :

BNA_F

ClientSampleId :

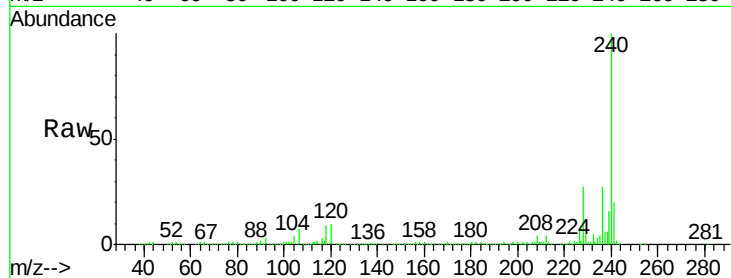
Tot Ion:240 Resp: 622134

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

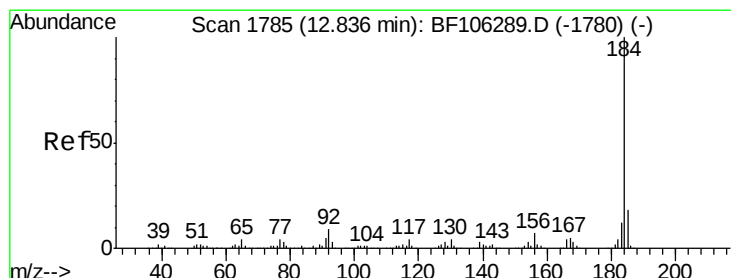
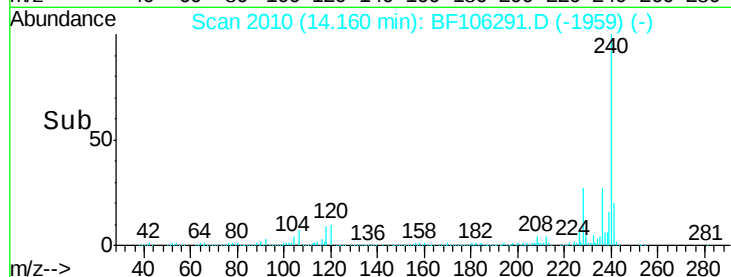
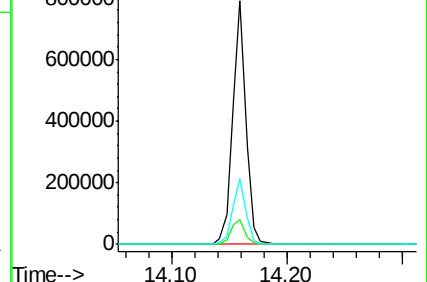
236 27.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 48.775 ng

RT: 12.84 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

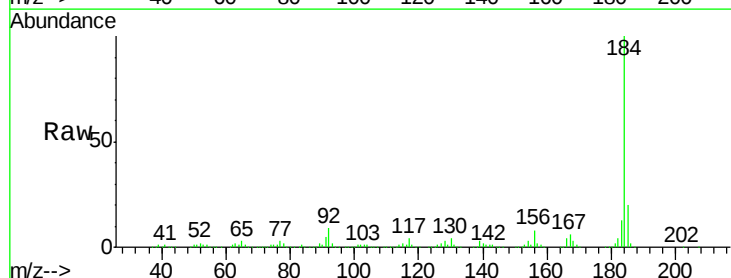
Tgt Ion:184 Resp: 1220569

Ion Ratio Lower Upper

184 100

185 19.8 12.6 18.8#

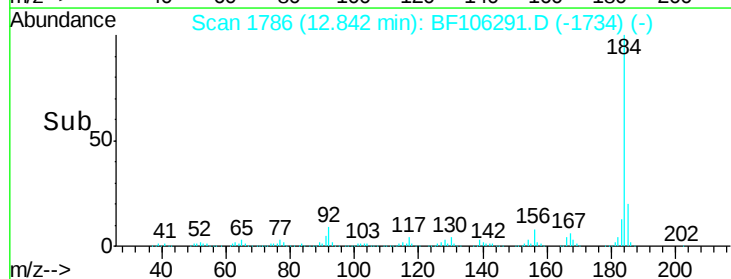
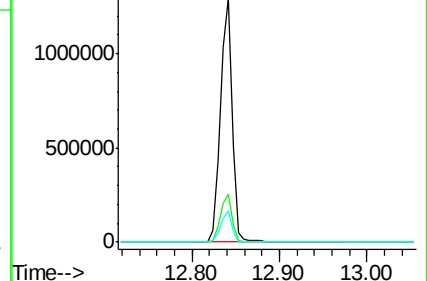
183 12.7 9.3 13.9

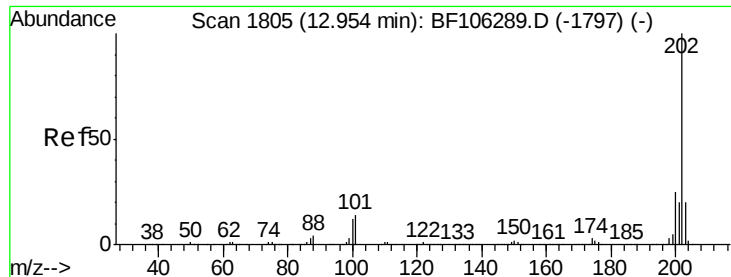


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

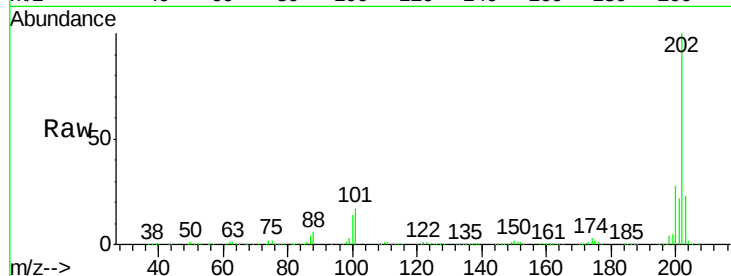




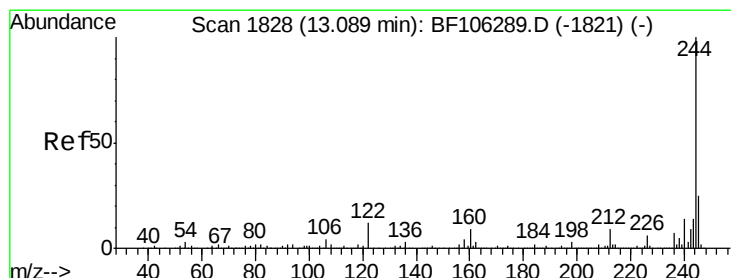
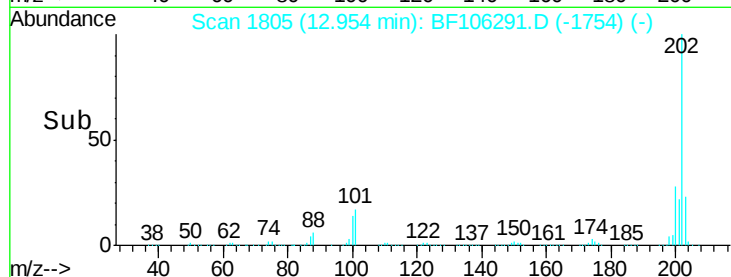
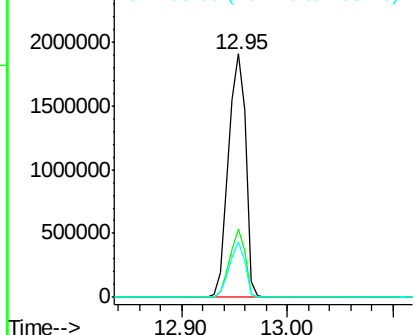
#77
Pvrene
Concen: 44.679 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2145043
Ion Ratio Lower Upper
202 100
200 28.0 17.4 26.2#
203 22.6 14.3 21.5#

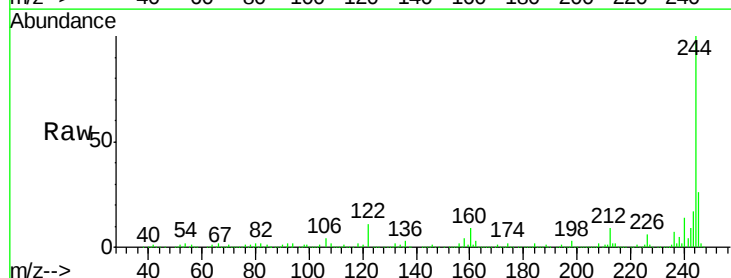


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

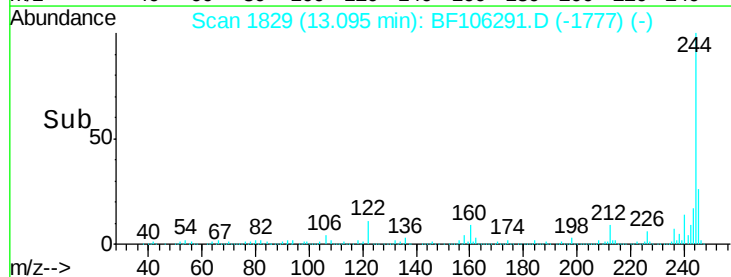
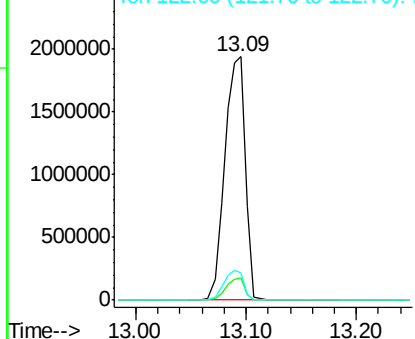


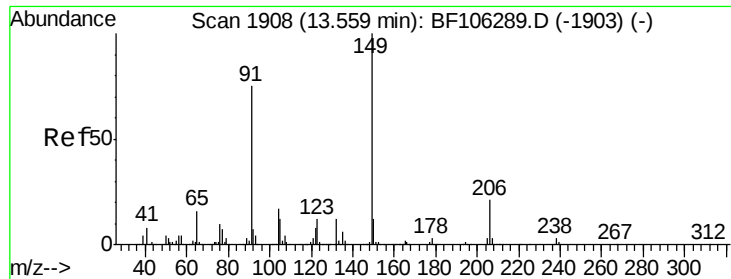
#78
Terphenyl-d14
Concen: 87.239 ng
RT: 13.09 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Tgt Ion:244 Resp: 2524792
Ion Ratio Lower Upper
244 100
212 9.1 5.4 8.0#
122 11.4 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

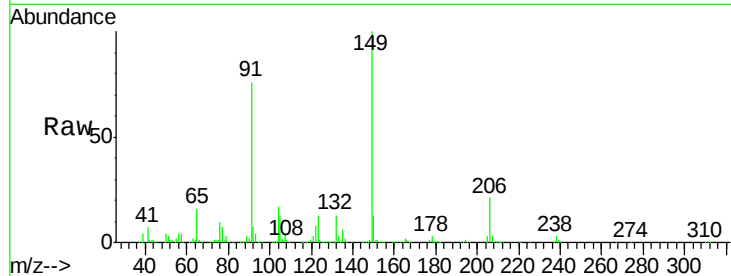




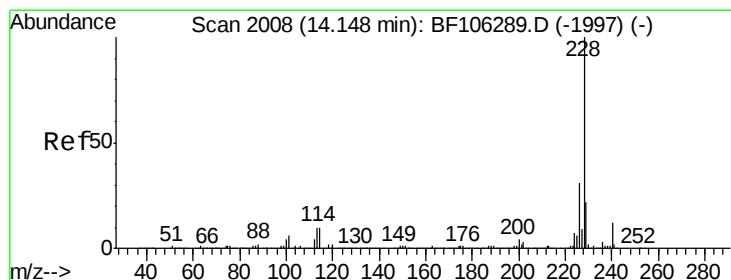
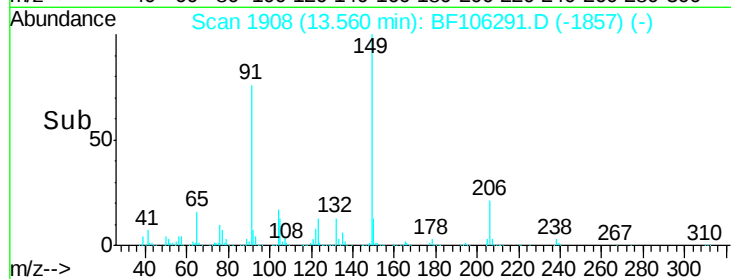
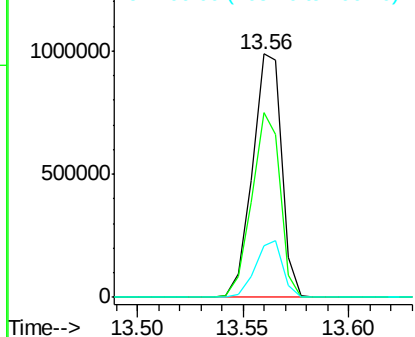
#79
Butylbenzylphthalate
Concen: 45.116 ng
RT: 13.56 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 954183
Ion Ratio Lower Upper
149 100
91 75.6 56.8 85.2
206 21.3 14.1 21.1#

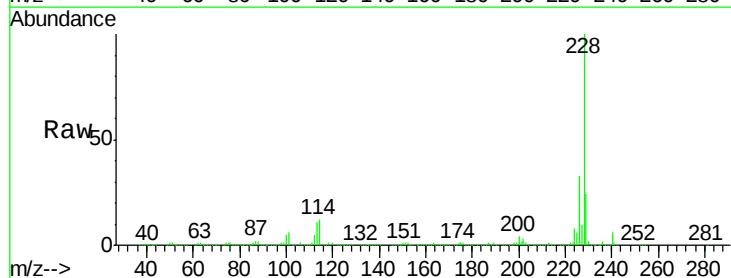


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

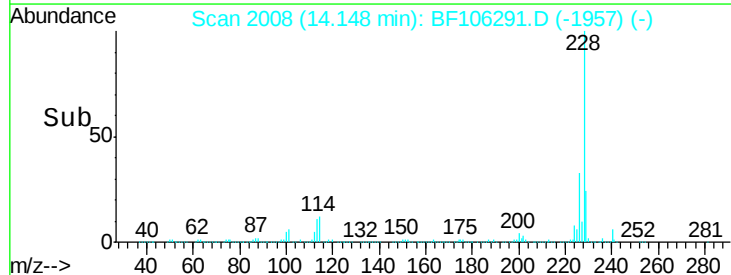
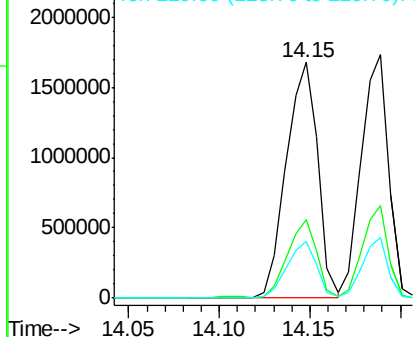


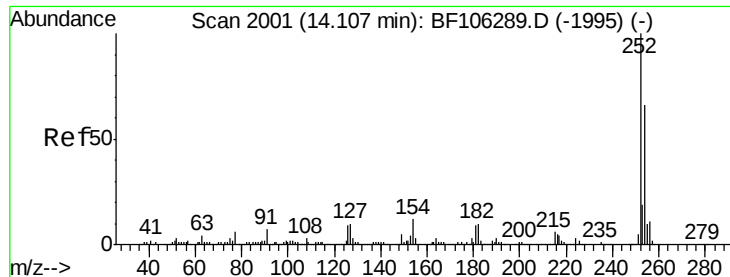
#80
Benzo(a)anthracene
Concen: 56.096 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Tgt Ion:228 Resp: 2037662
Ion Ratio Lower Upper
228 100
226 33.3 22.6 33.8
229 23.9 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

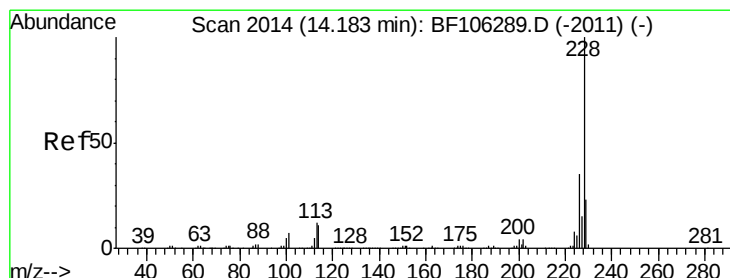
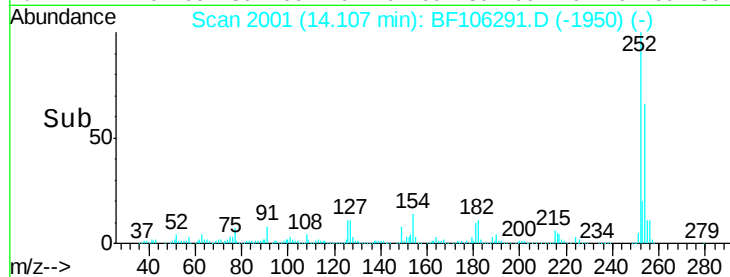
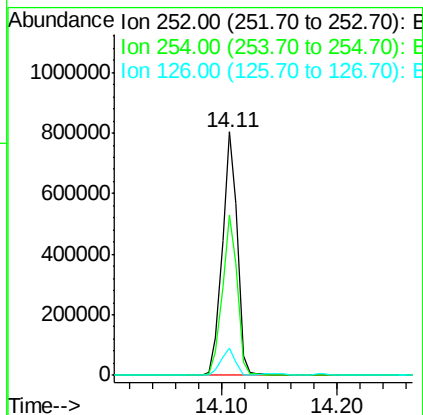
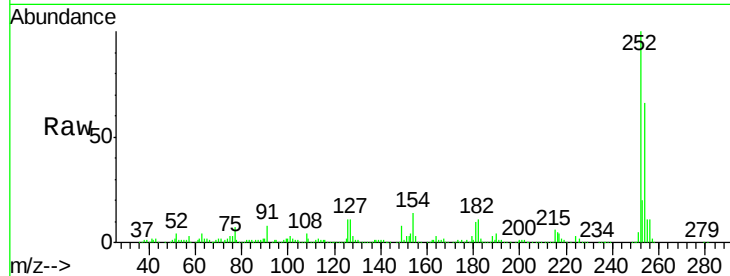




#81
 3,3'-Dichlorobenzidine
 Concen: 51.689 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF106291.D
 Acq: 11 Jun 2018 13:32

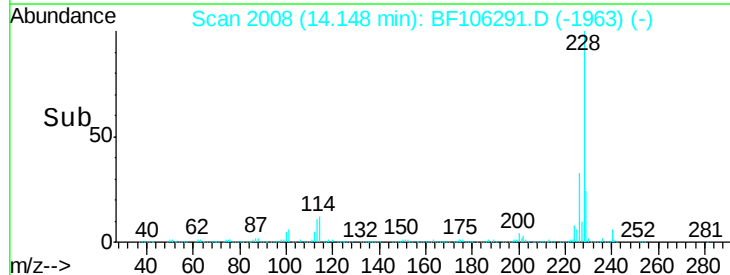
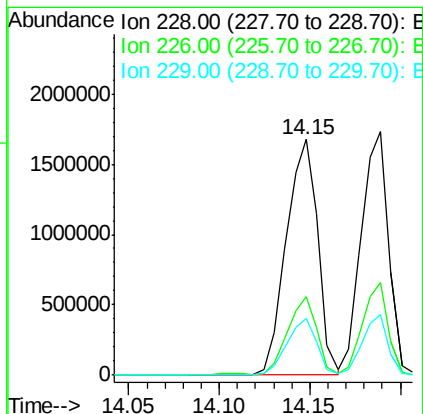
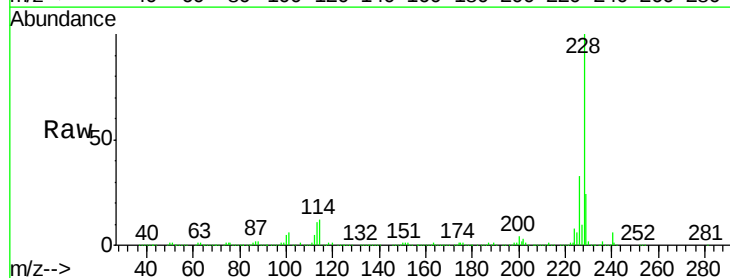
Instrument :
 BNA_F
 ClientSampled :

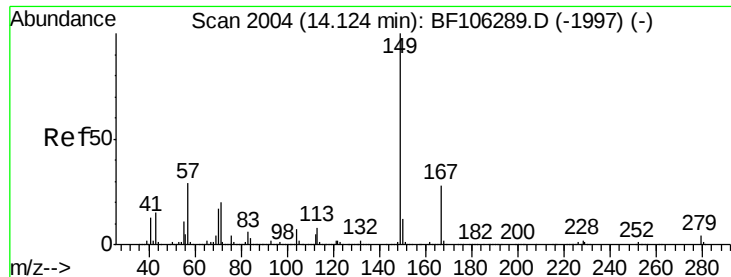
Tot Ion:252 Resp: 722509
 Ion Ratio Lower Upper
 252 100
 254 66.0 50.4 75.6
 126 11.2 11.3 16.9#



#82
 Chrysene
 Concen: 56.932 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.04 min
 Lab File: BF106291.D
 Acq: 11 Jun 2018 13:32

Tgt Ion:228 Resp: 2037662
 Ion Ratio Lower Upper
 228 100
 226 33.3 25.0 37.6
 229 23.9 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.048 ng

RT: 14.12 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

Instrument :

BNA_F

ClientSampleId :

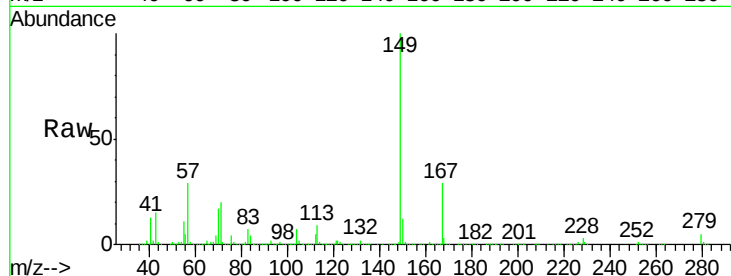
Tot Ion:149 Resp: 1230470

Ion Ratio Lower Upper

149 100

167 29.0 21.3 31.9

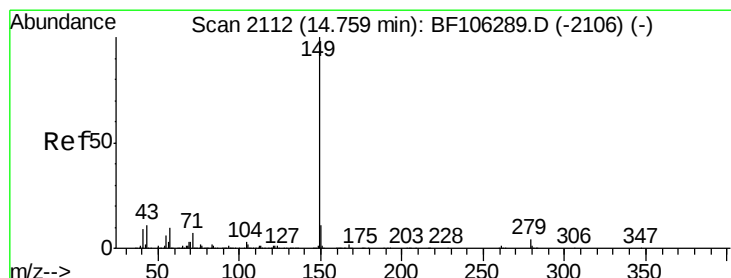
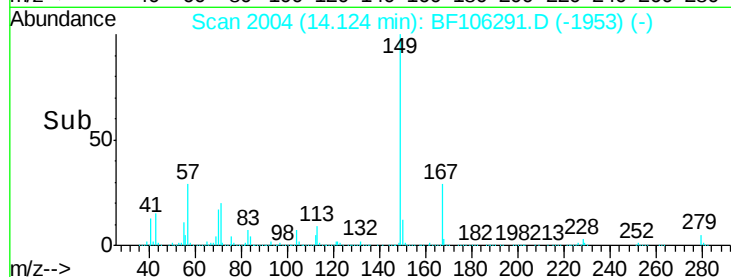
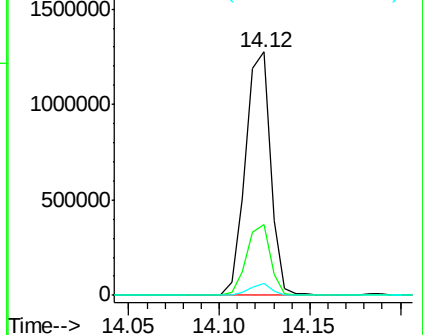
279 4.9 3.0 4.4#



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: 44.032 ng

RT: 14.76 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

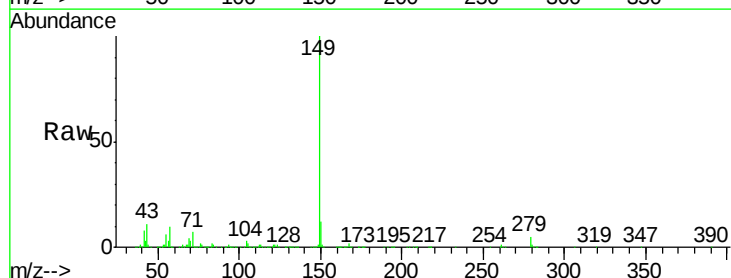
Tgt Ion:149 Resp: 1852131

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

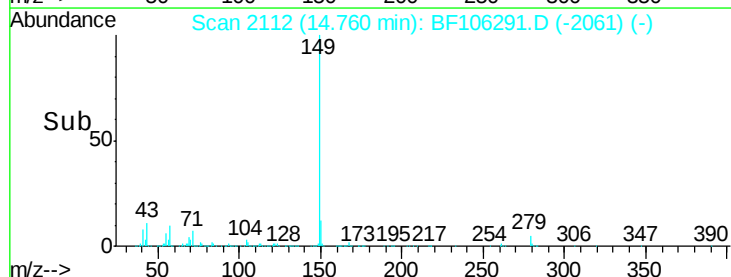
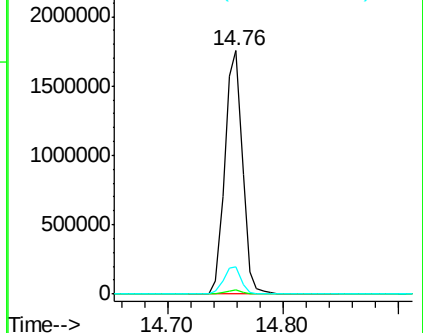
43 11.4 8.4 12.6

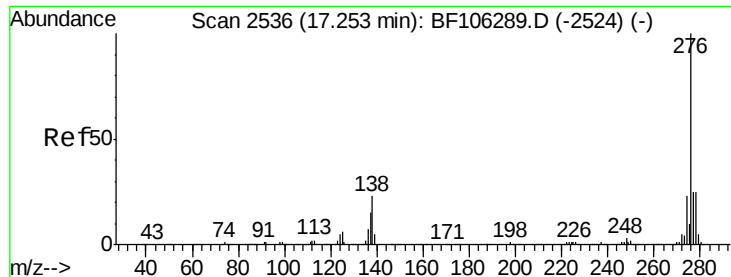


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

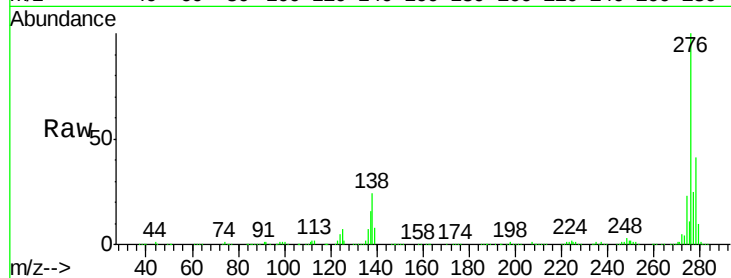




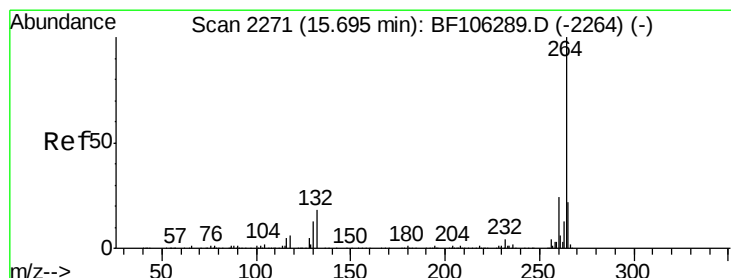
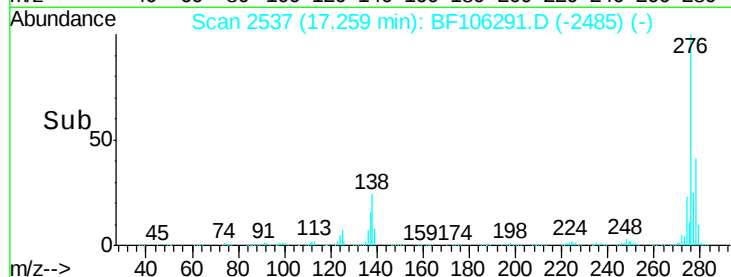
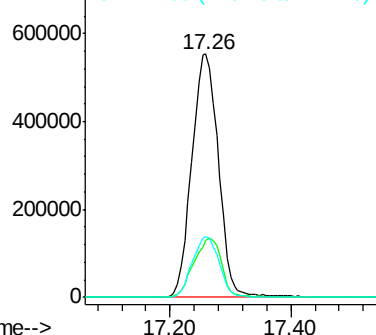
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.136 ng
RT: 17.26 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 1698981
Ion Ratio Lower Upper
276 100
138 25.4 25.0 37.6
277 25.3 20.1 30.1

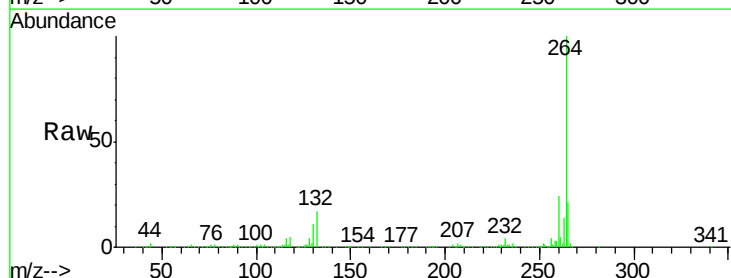


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

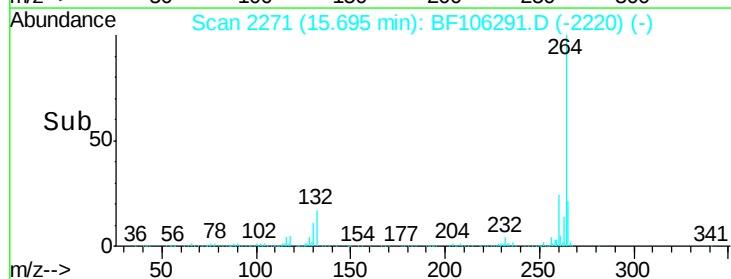
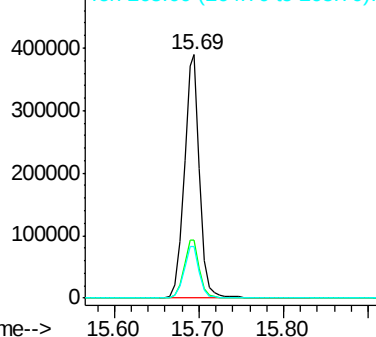


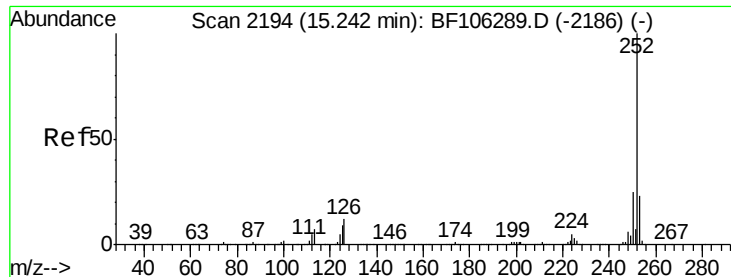
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Tgt Ion:264 Resp: 498607
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

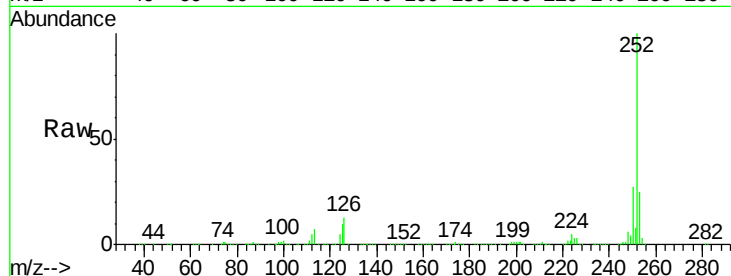




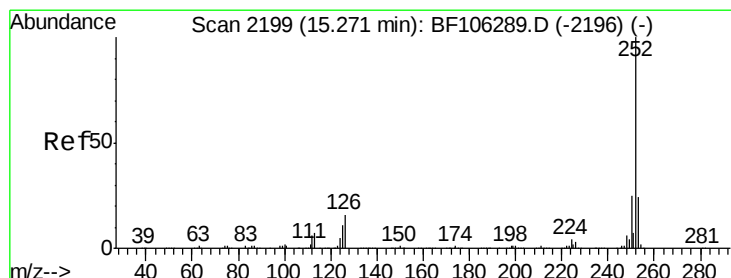
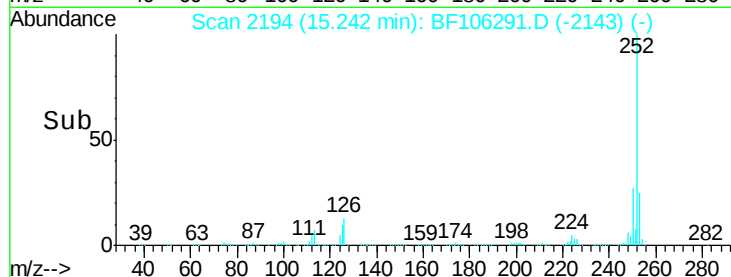
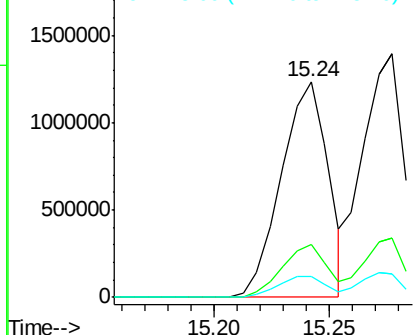
#87
Benzo(b)fluoranthene
Concen: 58.618 ng
RT: 15.24 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1742140
Ion Ratio Lower Upper
252 100
253 24.6 17.0 25.6
125 9.9 9.0 13.6

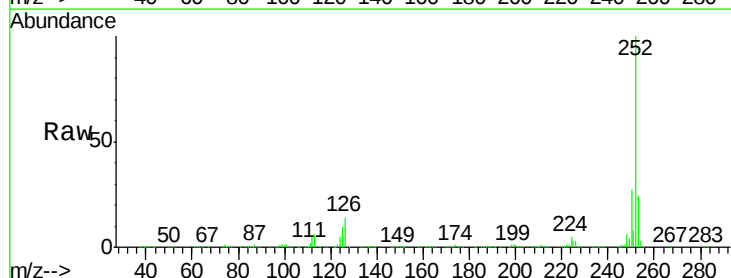


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

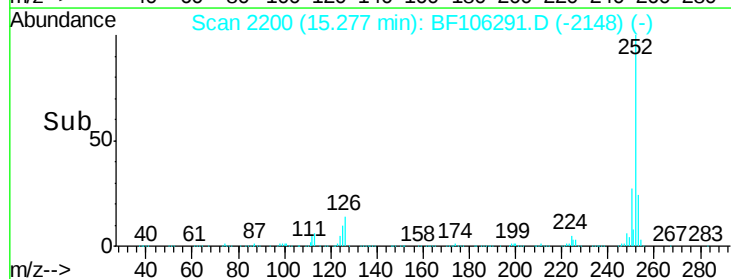
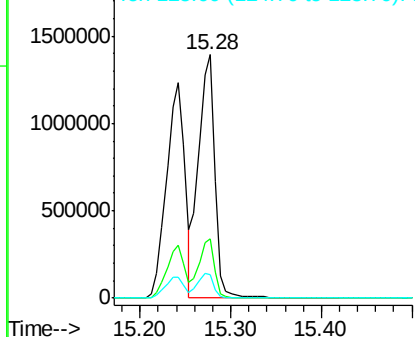


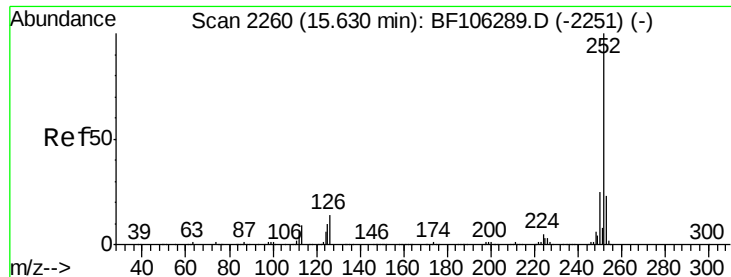
#88
Benzo(k)fluoranthene
Concen: 61.436 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Tgt Ion:252 Resp: 1765681
Ion Ratio Lower Upper
252 100
253 24.4 17.9 26.9
125 9.7 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

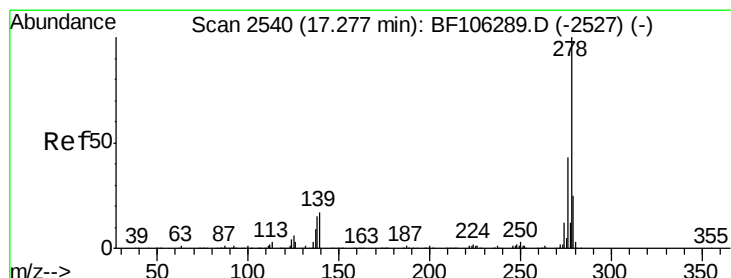
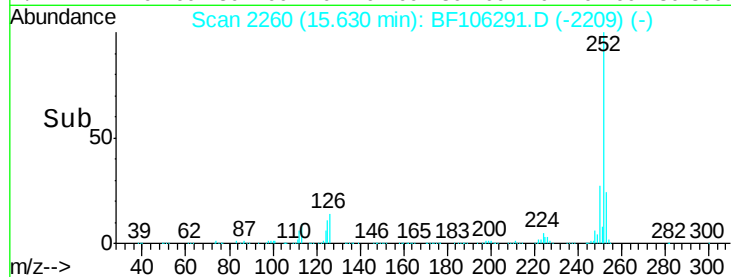
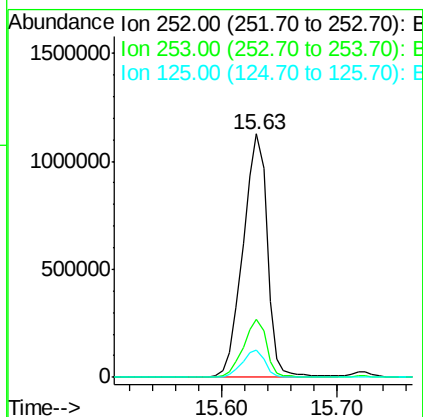
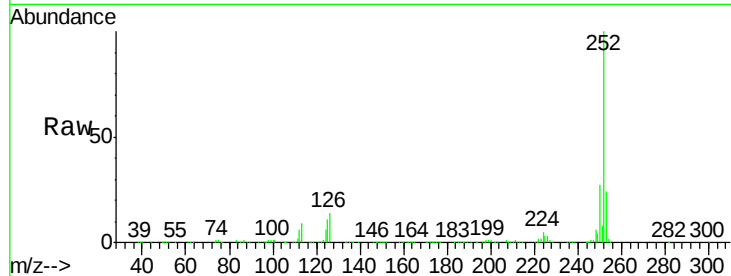




#89
Benzo(a)pyrene
Concen: 59.424 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

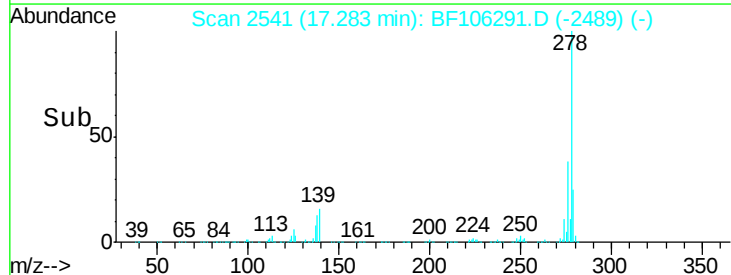
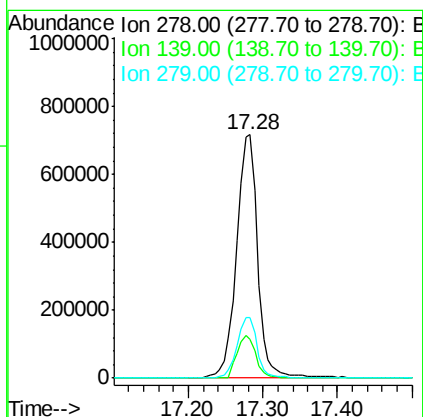
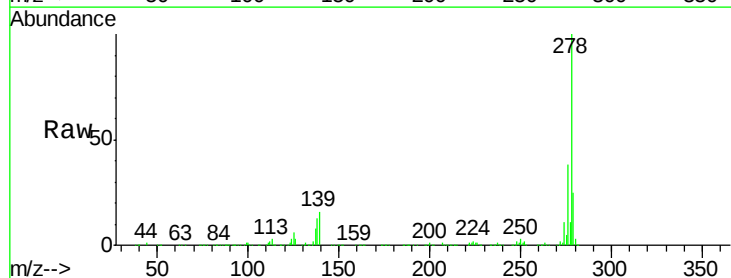
Instrument :
BNA_F
ClientSampleId :

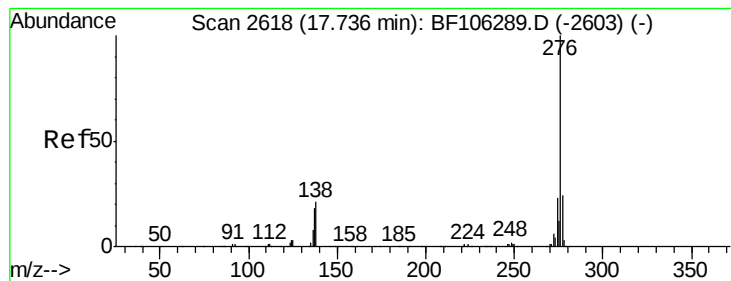
Tot Ion:252 Resp: 1644492
Ion Ratio Lower Upper
252 100
253 23.9 17.1 25.7
125 11.3 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 54.443 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.01 min
Lab File: BF106291.D
Acq: 11 Jun 2018 13:32

Tgt Ion:278 Resp: 1412844
Ion Ratio Lower Upper
278 100
139 15.9 15.9 23.9#
279 24.7 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 55.574 ng

RT: 17.74 min Scan# 2619

Delta R.T. 0.01 min

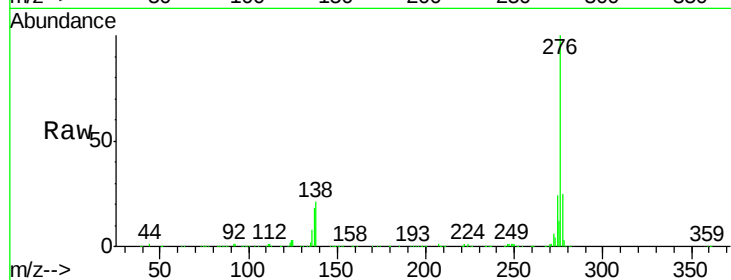
Lab File: BF106291.D

Acq: 11 Jun 2018 13:32

Instrument :

BNA_F

ClientSampleId :



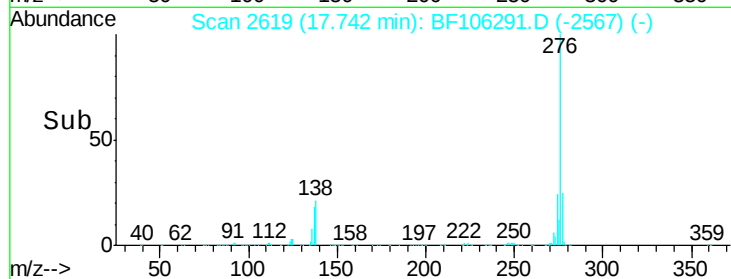
Tot Ion:276 Resp: 1386163

Ion Ratio Lower Upper

276 100

277 24.6 17.9 26.9

138 21.1 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

