

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102682.D
 Acq On : 1 Feb 2018 3:44
 Operator : SJ/JU
 Sample : PB106224BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106224BS

Quant Time: Feb 01 04:18:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	150794	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	511636	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	191680	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	286842	20.00	ng	0.00
75) Chrysene-d12	13.87	240	257992	20.00	ng	0.00
86) Perylene-d12	15.30	264	187059	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1060732	106.66	ng	0.03
7) Phenol-d6	6.37	99	1182158	98.60	ng	0.02
23) Nitrobenzene-d5	7.28	82	753739	84.66	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	157890	83.13	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1058143	81.17	ng	0.00
78) Terphenyl-d14	12.81	244	841899	73.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	164276	34.766	ng	97
3) Pyridine	3.15	79	437965	35.467	ng	93
4) n-Nitrosodimethylamine	3.11	42	208824	43.136	ng	99
6) Aniline	6.37	93	208415	13.142	ng	# 54
8) 2-Chlorophenol	6.50	128	391851	37.587	ng	99
9) Benzaldehyde	6.26	77	152732	19.558	ng	96
10) Phenol	6.39	94	448946	34.298	ng	91
11) bis(2-Chloroethyl)ether	6.45	93	376221	37.790	ng	99
12) 1,3-Dichlorobenzene	6.65	146	426644	34.411	ng	98
13) 1,4-Dichlorobenzene	6.73	146	423552	34.103	ng	99
14) 1,2-Dichlorobenzene	6.88	146	378850	33.348	ng	97
15) Benzyl Alcohol	6.86	79	264835	31.306	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	595142	35.643	ng	72
17) 2-Methylphenol	6.99	107	301894	33.343	ng	# 91
18) Hexachloroethane	7.21	117	108984	25.182	ng	94
19) n-Nitroso-di-n-propylamine	7.13	70	275695	37.574	ng	96
20) 3+4-Methylphenols	7.15	107	414888	38.962	ng	93
22) Acetophenone	7.12	105	544685	44.659	ng	99
24) Nitrobenzene	7.30	77	385943	42.359	ng	99
25) Isophorone	7.53	82	608451	38.335	ng	99
26) 2-Nitrophenol	7.62	139	154925	32.307	ng	91
27) 2,4-Dimethylphenol	7.66	122	282658	40.594	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	392695	40.051	ng	99
29) 2,4-Dichlorophenol	7.87	162	252726	35.631	ng	96
30) 1,2,4-Trichlorobenzene	7.93	180	258497	33.999	ng	99
31) Naphthalene	8.02	128	903364	35.363	ng	100
32) Benzoic acid	7.80	122	136673	23.428	ng	98
33) 4-Chloroaniline	8.07	127	99833	9.294	ng	98
34) Hexachlorobutadiene	8.12	225	140344	34.561	ng	98
35) Caprolactam	8.45	113	71645	30.585	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	252164	33.728	ng	99
37) 2-Methylnaphthalene	8.70	142	593018	34.858	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	222388	38.563	ng	98
42) 2,4,6-Trichlorophenol	8.99	196	138328	35.832	ng	98

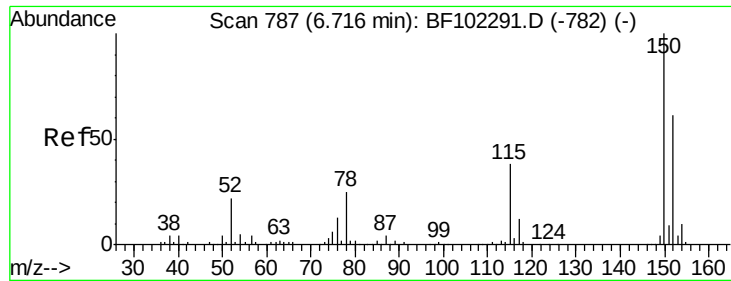
Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	138267	31.810	ng	96
45) 1,1'-Biphenyl	9.17	154	661468	38.594	ng	98
46) 2-Chloronaphthalene	9.19	162	491167	36.868	ng	98
47) 2-Nitroaniline	9.30	65	159425	38.384	ng	99
48) Acenaphthylene	9.60	152	709884	34.203	ng	100
49) Dimethylphthalate	9.47	163	572884	36.159	ng	99
50) 2,6-Dinitrotoluene	9.54	165	113105	33.111	ng	91
51) Acenaphthene	9.77	154	420943	34.727	ng	100
52) 3-Nitroaniline	9.72	138	95319	23.588	ng	97
53) 2,4-Dinitrophenol	9.85	184	5163	6.909	ng	# 24
54) Dibenzofuran	9.95	168	601274	36.652	ng	98
55) 4-Nitrophenol	9.91	139	99404	37.266	ng	96
56) 2,4-Dinitrotoluene	9.95	165	127770	30.417	ng	# 80
57) Fluorene	10.29	166	471959	36.306	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	95786	30.864	ng	95
59) Diethylphthalate	10.16	149	537252	34.895	ng	99
60) 4-Chlorophenyl-phenylether	10.28	204	209853	37.235	ng	97
61) 4-Nitroaniline	10.33	138	116359	28.857	ng	86
62) Azobenzene	10.45	77	481324	34.146	ng	96
64) 4,6-Dinitro-2-methylphenol	10.37	198	7475	3.906	ng	93
65) n-Nitrosodiphenylamine	10.40	169	409089	38.856	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	118821	38.480	ng	95
67) Hexachlorobenzene	10.84	284	115402	33.417	ng	96
68) Atrazine	10.93	200	119749	38.511	ng	97
69) Pentachlorophenol	11.05	266	59948	33.045	ng	97
70) Phenanthrene	11.26	178	623236	37.286	ng	98
71) Anthracene	11.31	178	650624	38.136	ng	99
72) Carbazole	11.47	167	622033	37.372	ng	98
73) Di-n-butylphthalate	11.79	149	763244	36.686	ng	98
74) Fluoranthene	12.45	202	651979	38.250	ng	97
76) Benzidine	12.57	184	383510	44.250	ng	97
77) Pyrene	12.67	202	669327	33.555	ng	100
79) Butylbenzylphthalate	13.28	149	336570	33.905	ng	99
80) Benzo(a)anthracene	13.86	228	599584	37.748	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	199943	34.315	ng	98
82) Chrysene	13.90	228	570894	35.394	ng	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	459718	34.461	ng	# 97
84) Di-n-octyl phthalate	14.44	149	837617	38.609	ng	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	367313	27.574	ng	97
87) Benzo(b)fluoranthene	14.89	252	473972	39.093	ng	99
88) Benzo(k)fluoranthene	14.92	252	440417	38.449	ng	100
89) Benzo(a)pyrene	15.24	252	410582	37.548	ng	97
90) Dibenzo(a,h)anthracene	16.71	278	309964	34.994	ng	97
91) Benzo(g,h,i)perylene	17.12	276	305012	34.875	ng	96

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

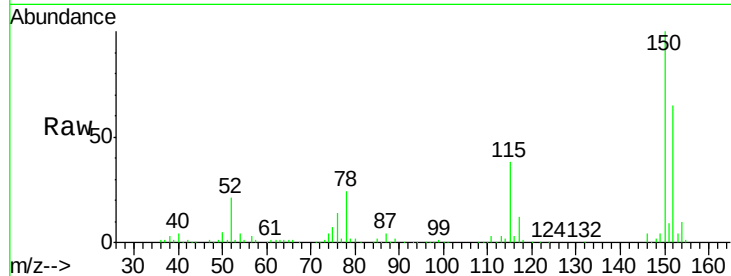


#1

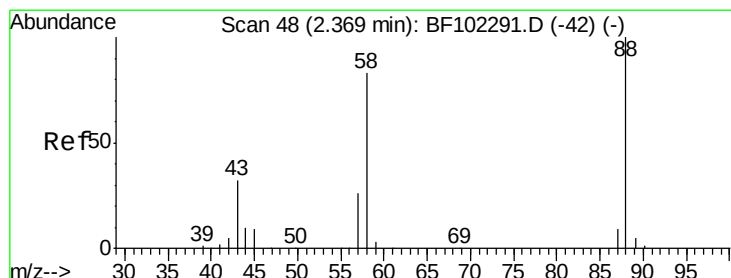
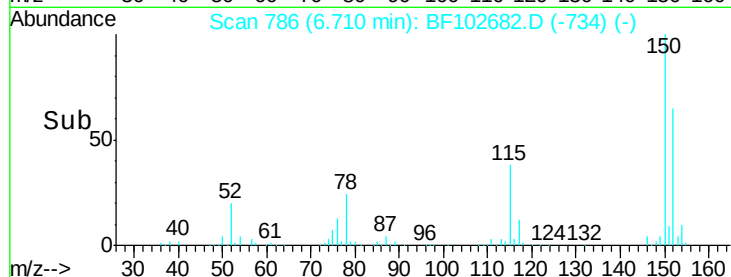
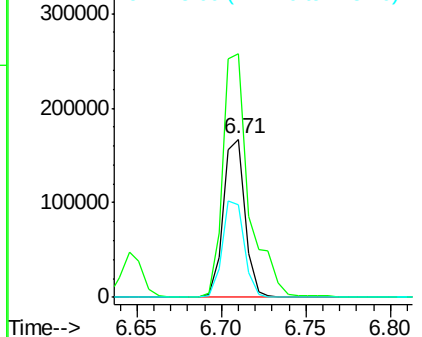
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

Instrument :
BNA_F
ClientSampleId :
PB106224BS

Tot Ion:152 Resp: 150794
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 58.7 50.1 75.1



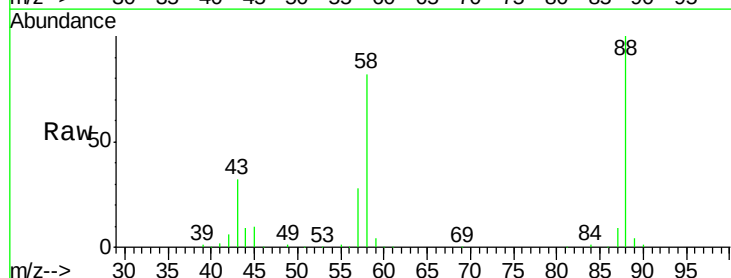
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



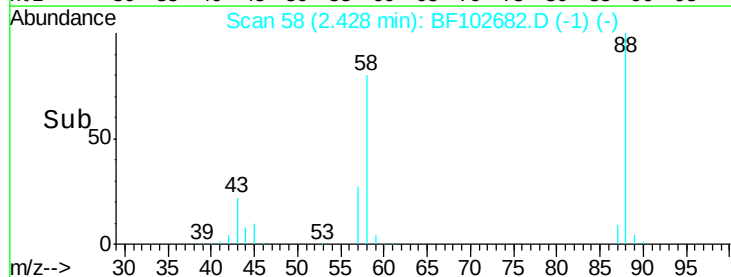
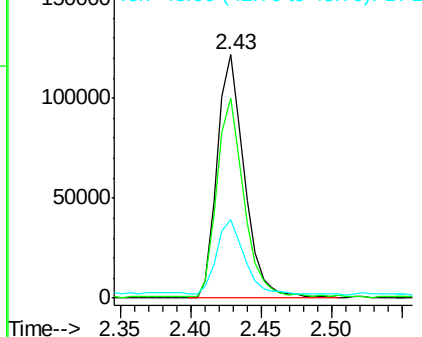
#2

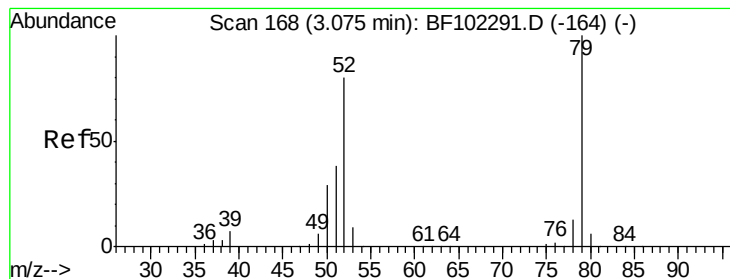
1,4-Dioxane
Concen: 34.766 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.07 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

Tgt Ion: 88 Resp: 164276
Ion Ratio Lower Upper
88 100
58 81.9 62.6 93.8
43 30.8 24.6 37.0



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





#3

Pvridine

Concen: 35.467 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.09 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

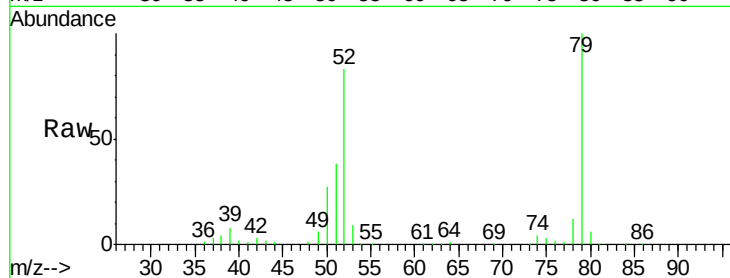
Tot Ion: 79 Resp: 437965

Ion Ratio Lower Upper

79 100

52 83.0 59.8 89.6

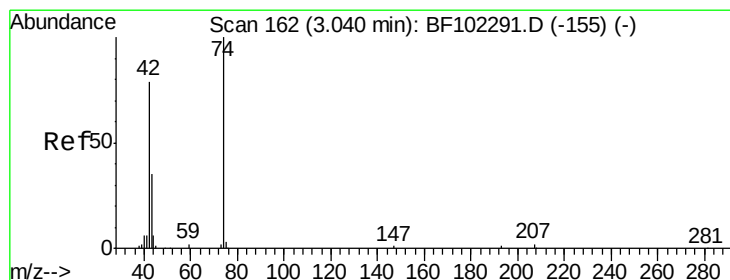
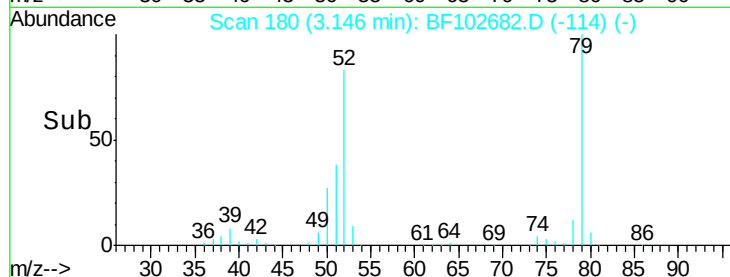
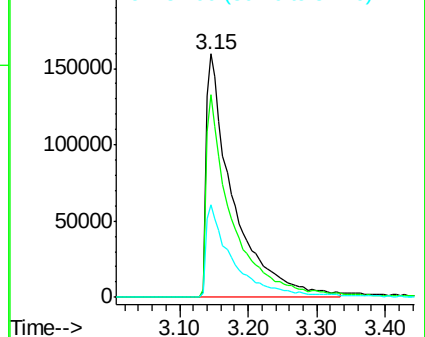
51 38.3 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.136 ng

RT: 3.11 min Scan# 174

Delta R.T. 0.07 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

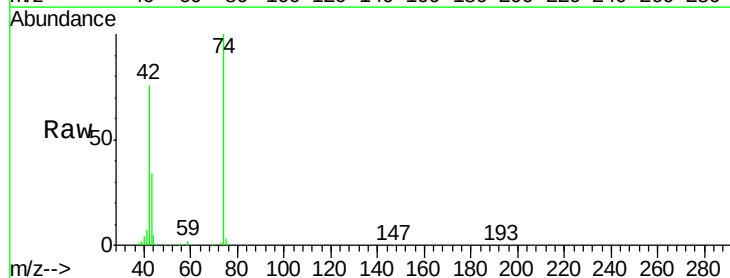
Tgt Ion: 42 Resp: 208824

Ion Ratio Lower Upper

42 100

74 131.7 104.9 157.3

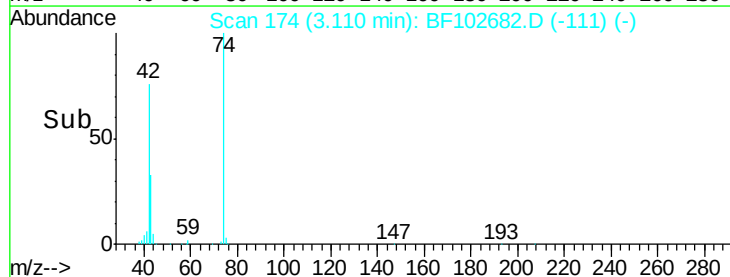
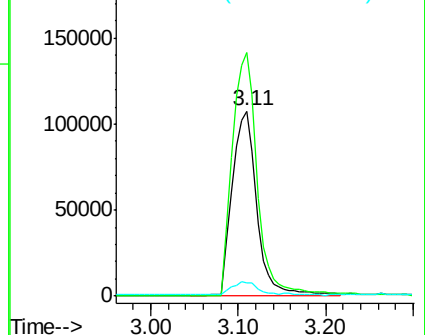
44 7.2 6.9 10.3

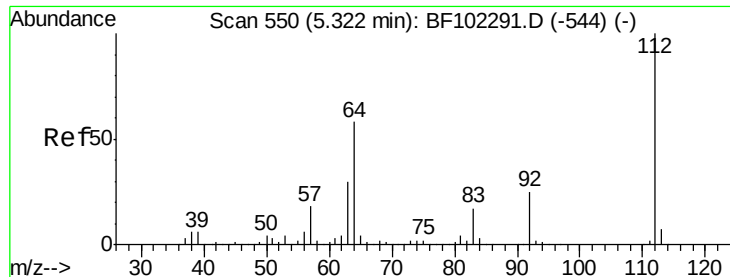


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 106.658 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.03 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

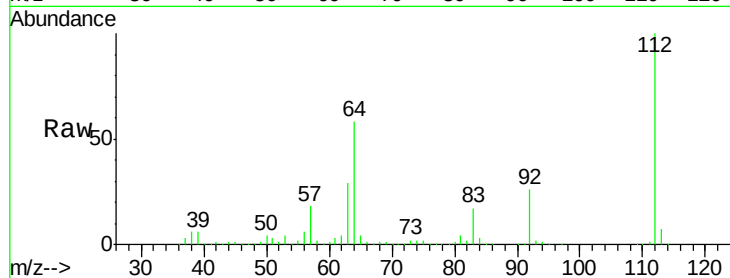
Tot Ion: 112 Resp: 1060732

Ion Ratio Lower Upper

112 100

64 57.9 47.9 71.9

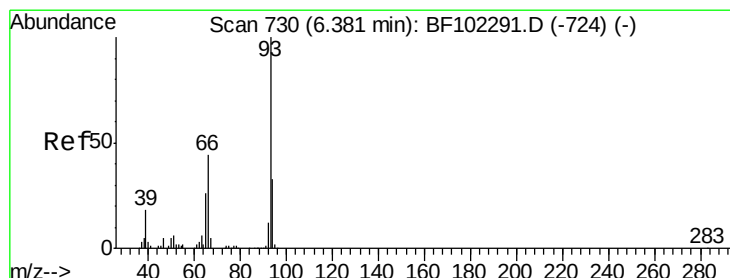
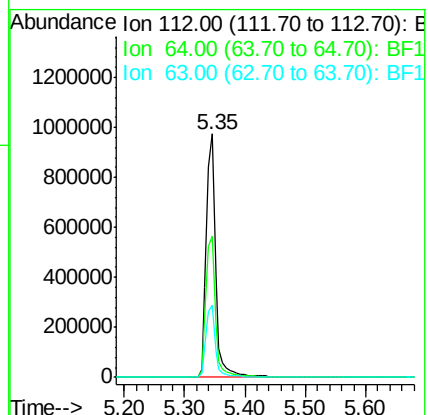
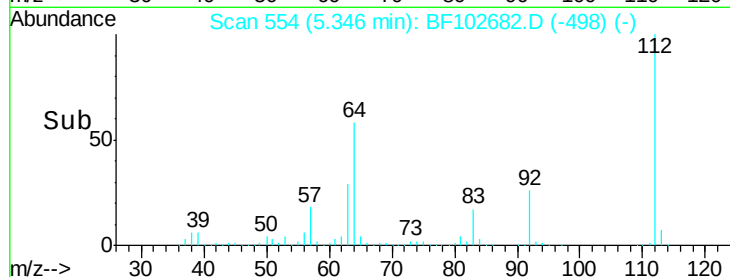
63 29.4 23.7 35.5



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: 13.142 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

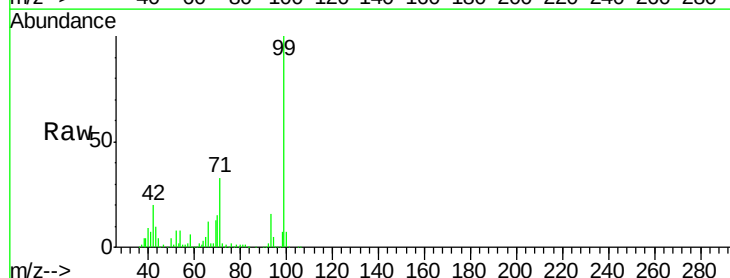
Tgt Ion: 93 Resp: 208415

Ion Ratio Lower Upper

93 100

66 75.8 32.2 48.2#

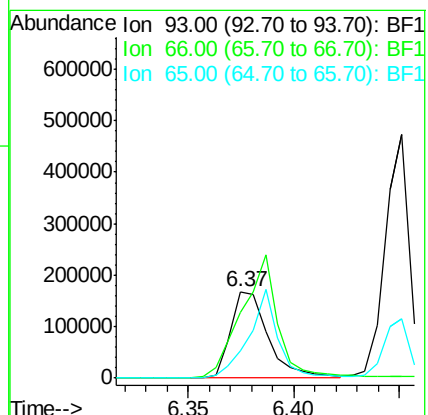
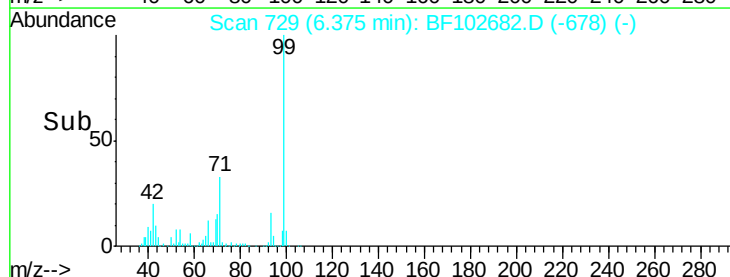
65 32.0 16.4 24.6#

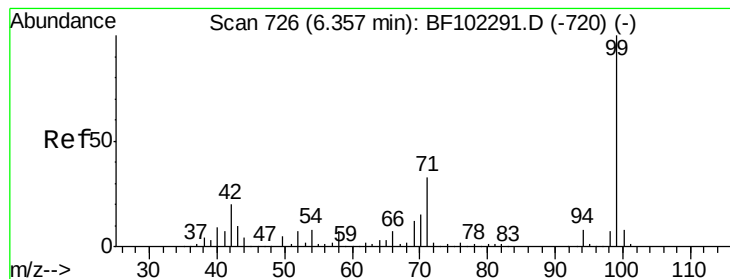


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.597 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.02 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

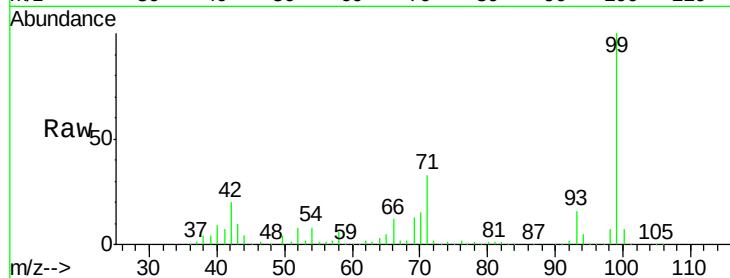
Tot Ion: 99 Resp: 1182158

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

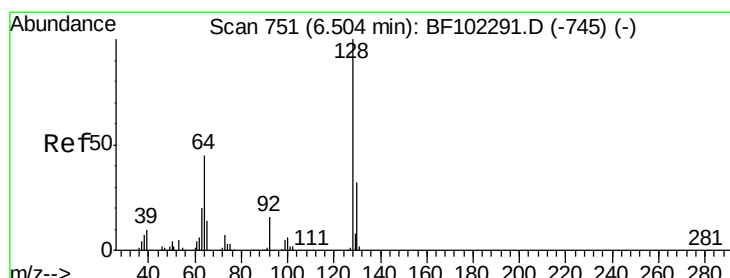
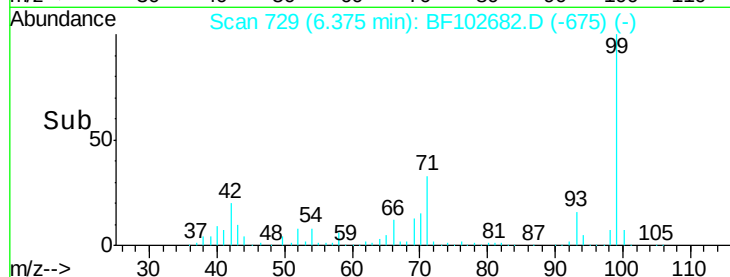
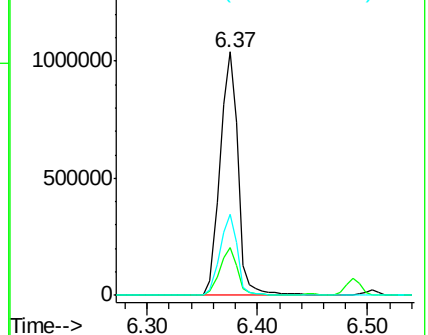
71 33.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.587 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

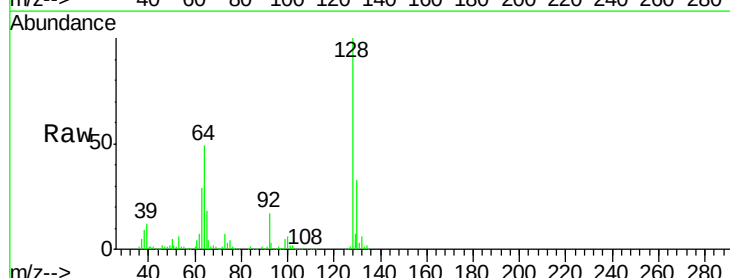
Tgt Ion:128 Resp: 391851

Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

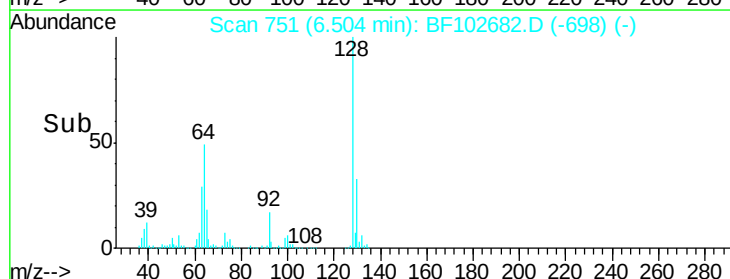
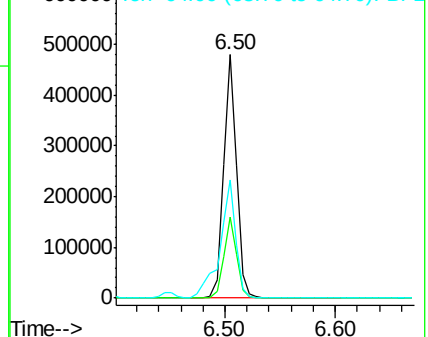
64 48.7 29.4 69.4

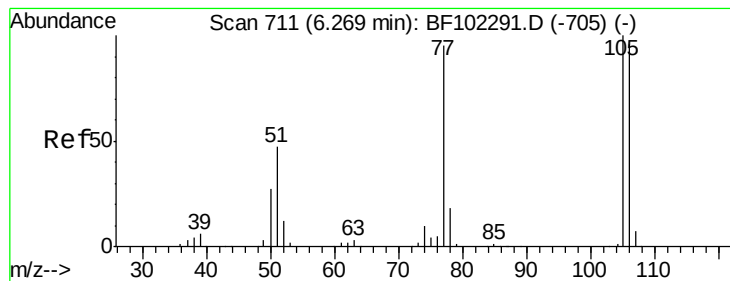


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.558 ng

RT: 6.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

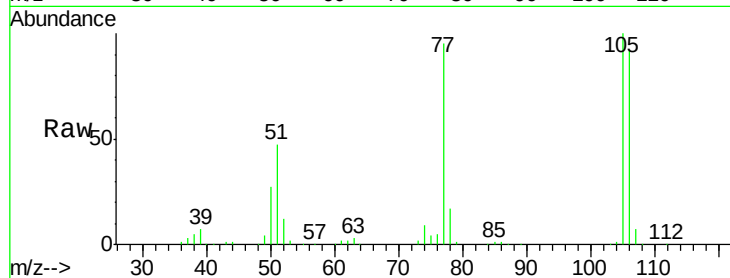
Tot Ion: 77 Resp: 152732

Ion Ratio Lower Upper

77 100

105 105.3 81.1 121.1

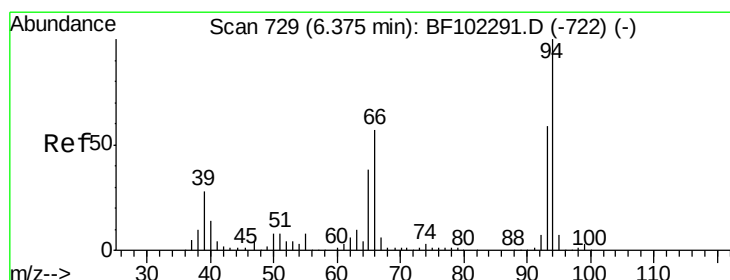
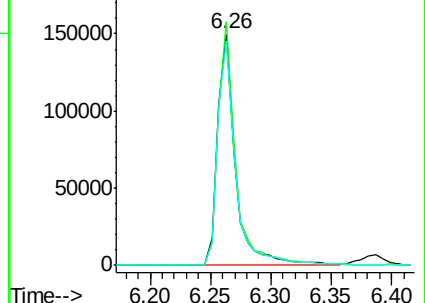
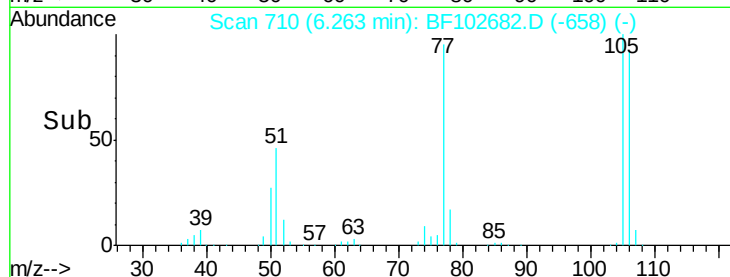
106 97.3 74.5 114.5



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: 34.298 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.02 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

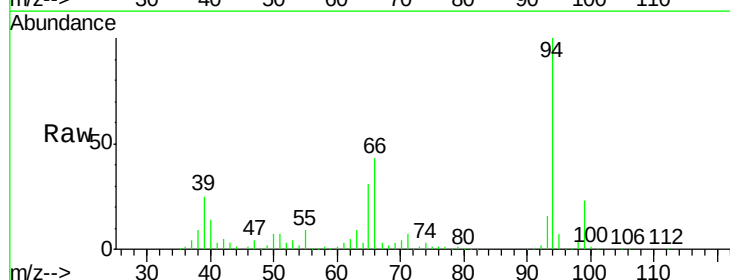
Tgt Ion: 94 Resp: 448946

Ion Ratio Lower Upper

94 100

65 30.9 7.9 47.9

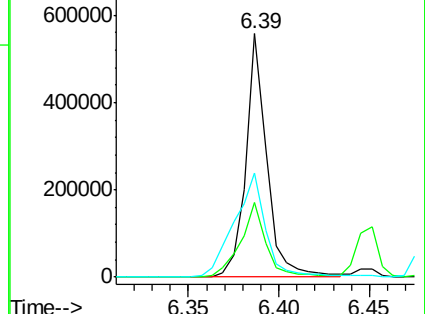
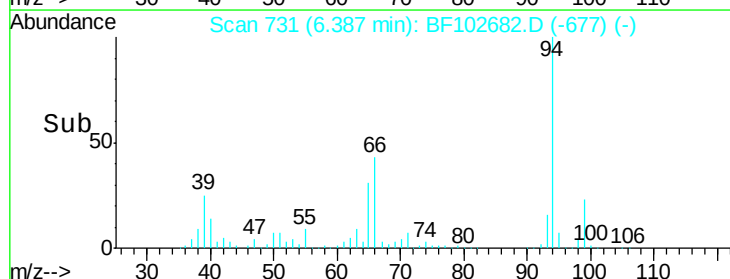
66 42.8 16.2 56.2

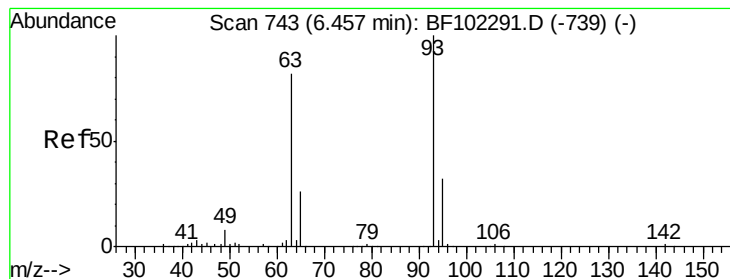


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.790 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

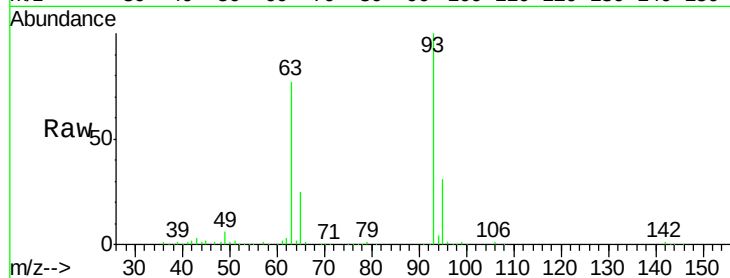
Tot Ion: 93 Resp: 376221

Ion Ratio Lower Upper

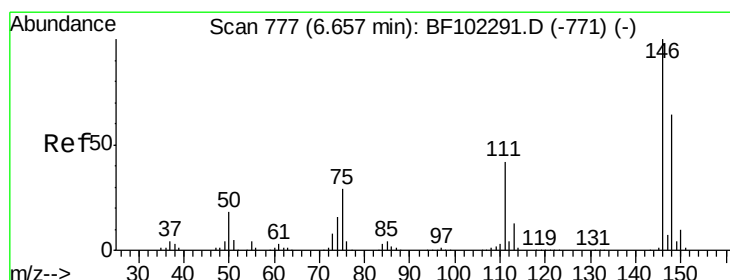
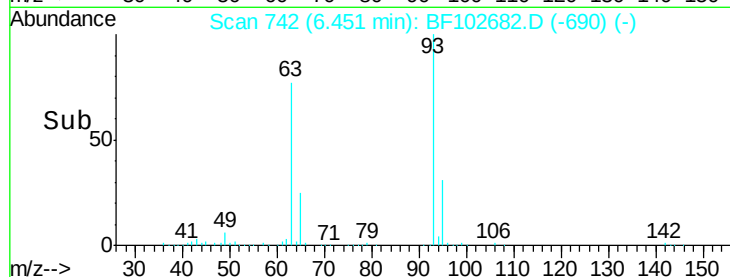
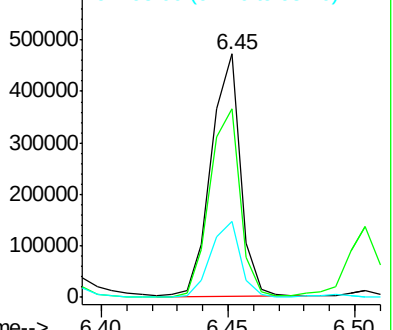
93 100

63 77.4 58.6 98.6

95 31.3 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 34.411 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

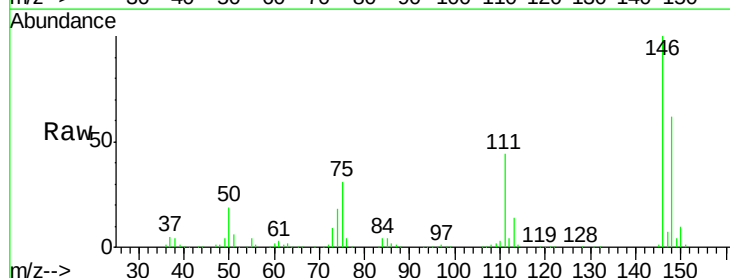
Tgt Ion: 146 Resp: 426644

Ion Ratio Lower Upper

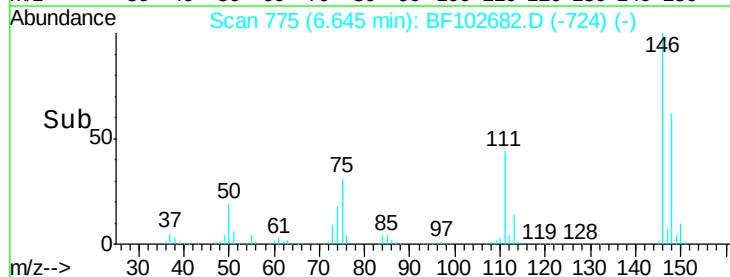
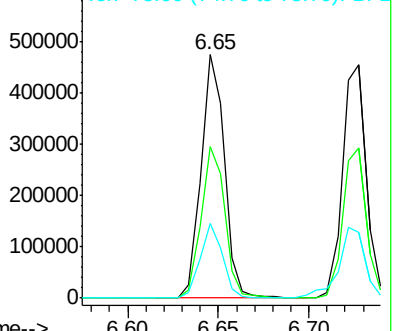
146 100

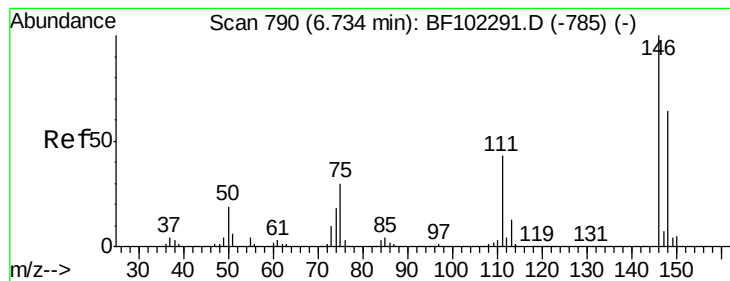
148 62.2 51.8 77.8

75 30.5 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 34.103 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

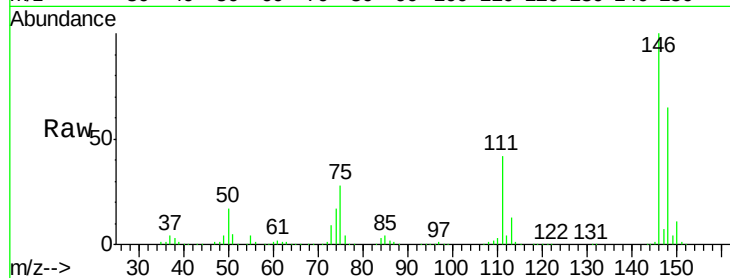
Tot Ion:146 Resp: 423552

Ion Ratio Lower Upper

146 100

148 64.6 50.8 76.2

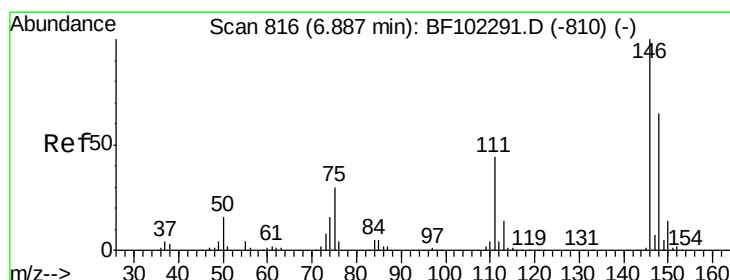
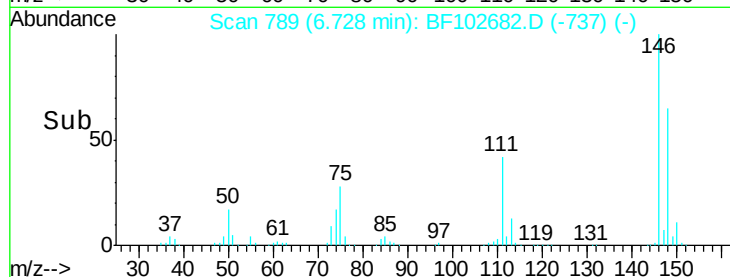
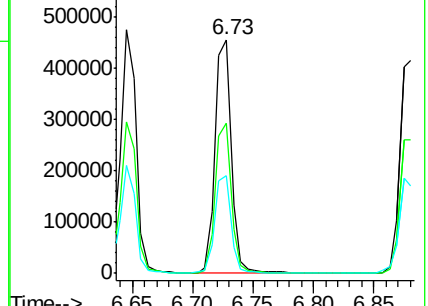
111 42.0 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.348 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

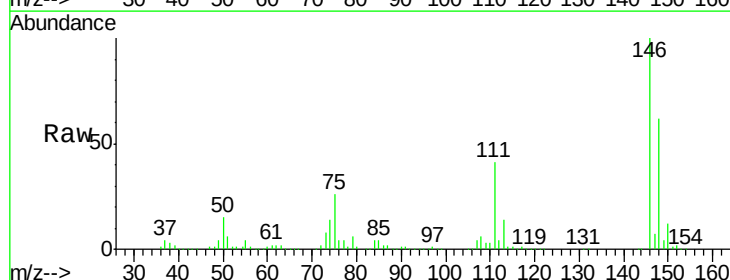
Tgt Ion:146 Resp: 378850

Ion Ratio Lower Upper

146 100

148 62.4 50.6 75.8

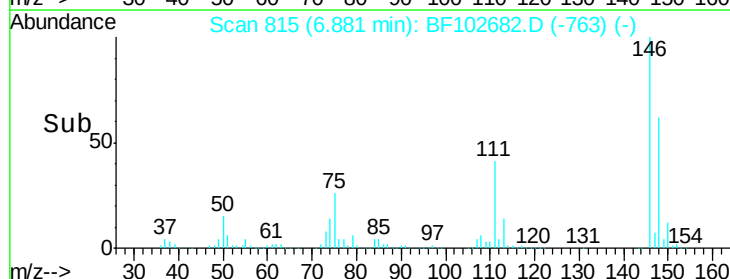
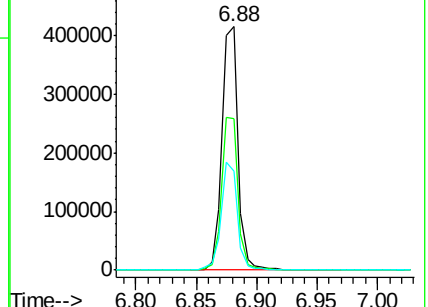
111 40.8 36.0 54.0

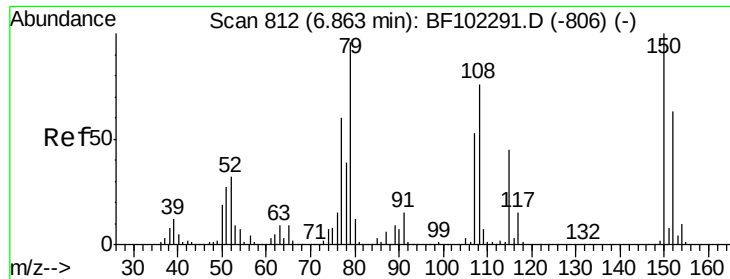


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

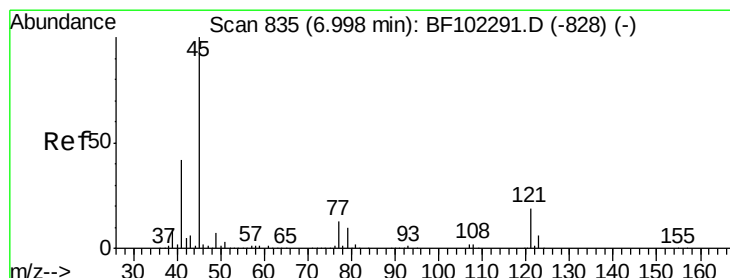
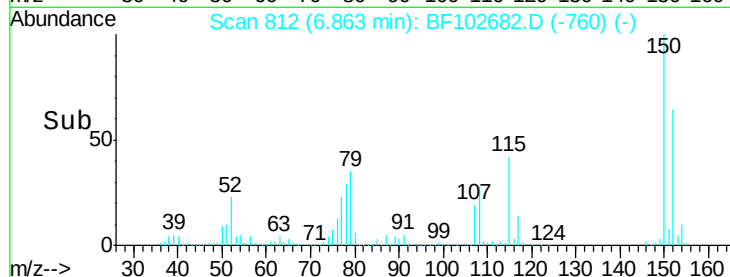
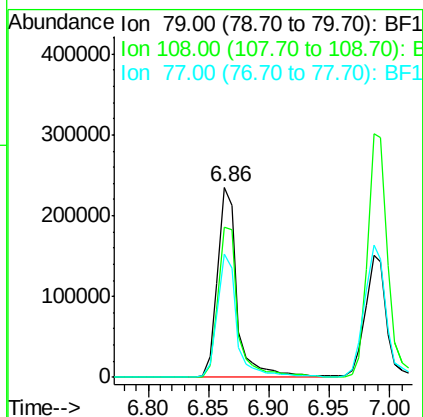
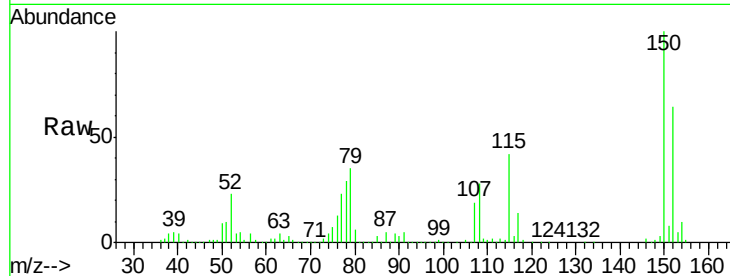




#15
Benzyl Alcohol
Concen: 31.306 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

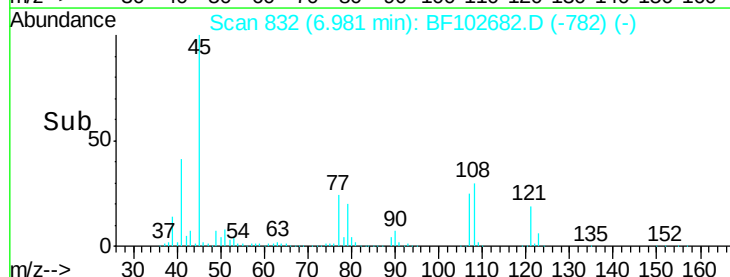
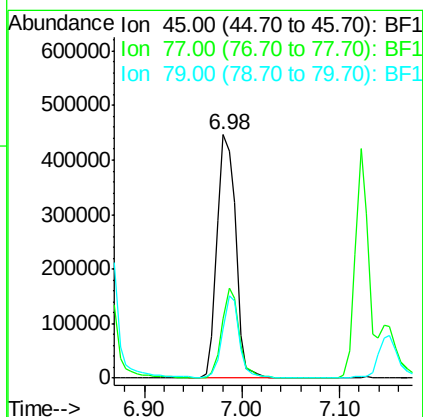
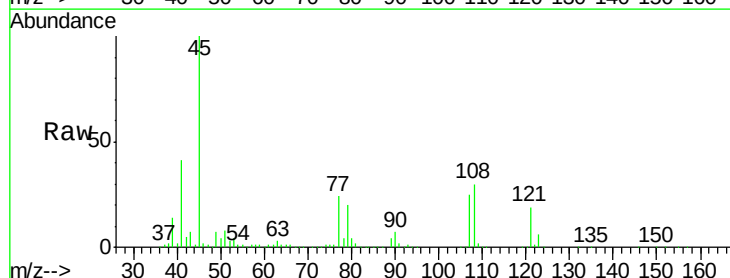
Instrument :
BNA_F
ClientSampleId :
PB106224BS

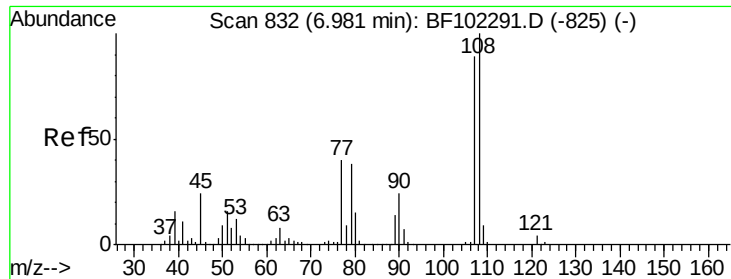
Tot Ion: 79 Resp: 264835
Ion Ratio Lower Upper
79 100
108 78.8 65.1 97.7
77 64.5 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.643 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

Tgt Ion: 45 Resp: 595142
Ion Ratio Lower Upper
45 100
77 24.1 0.0 32.9
79 20.1 0.0 29.6





#17

2-Methylphenol

Concen: 33.343 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.02 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

Tot Ion:107 Resp: 301894

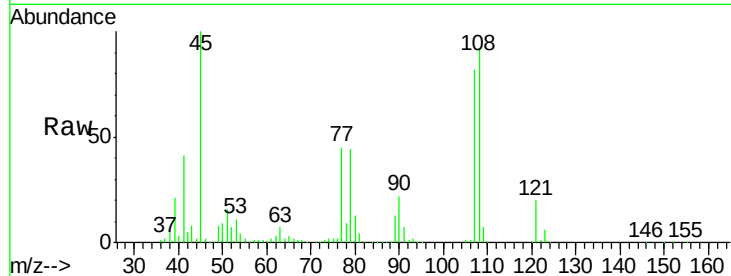
Ion Ratio Lower Upper

107 100

108 112.4 91.7 137.5

77 55.1 33.8 50.8#

79 53.9 33.8 50.8#

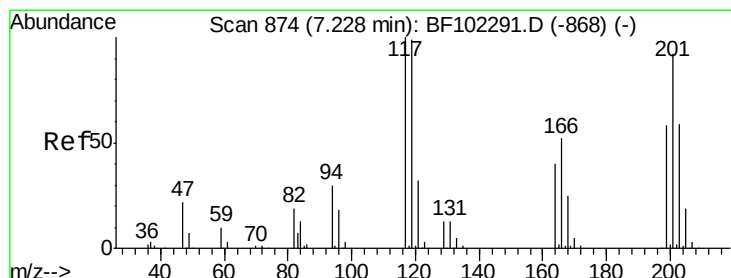
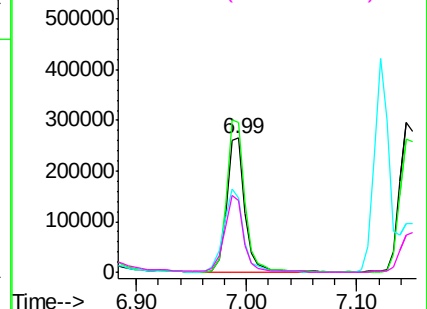
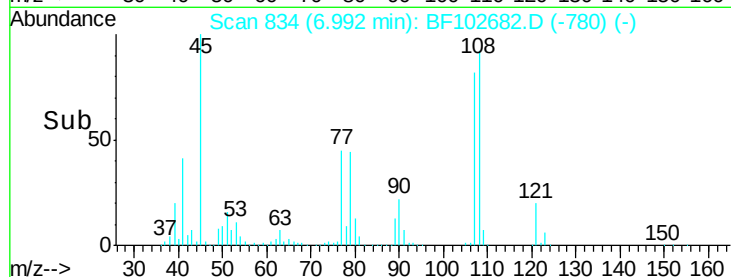


Abundance Ion 107.00 (106.70 to 107.70): E

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: 25.182 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

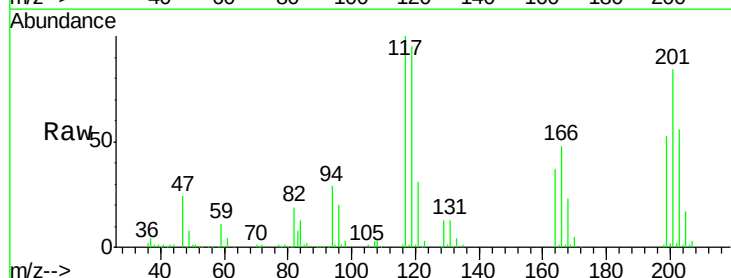
Tgt Ion:117 Resp: 108984

Ion Ratio Lower Upper

117 100

119 95.4 75.8 113.8

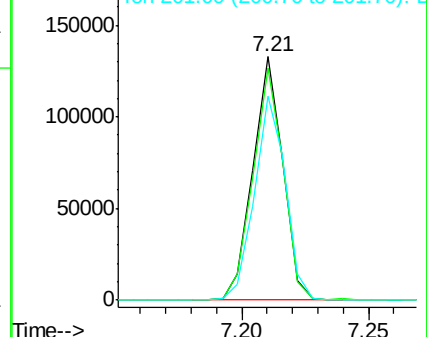
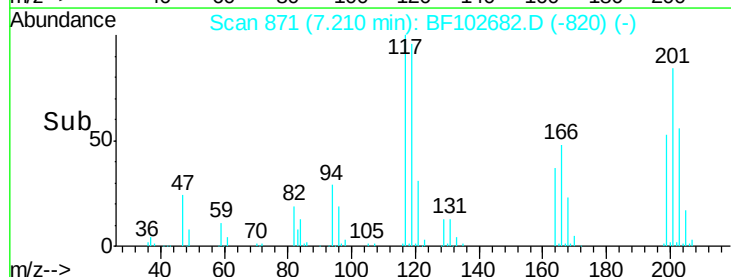
201 83.6 75.7 113.5

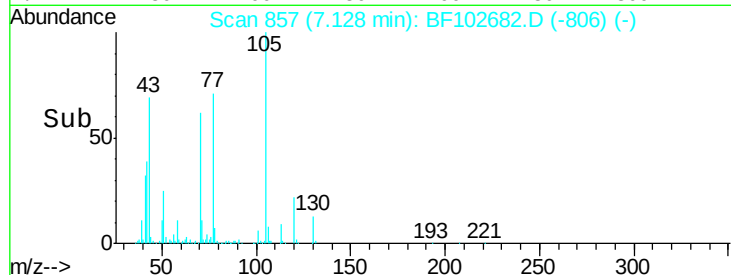
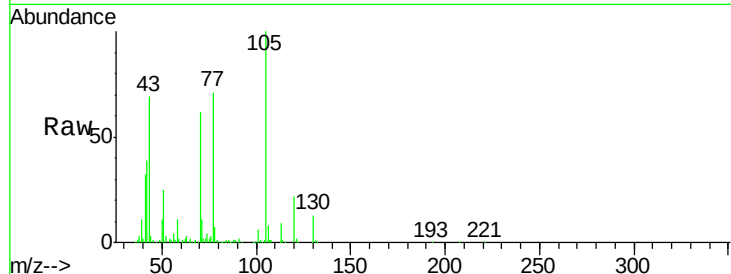
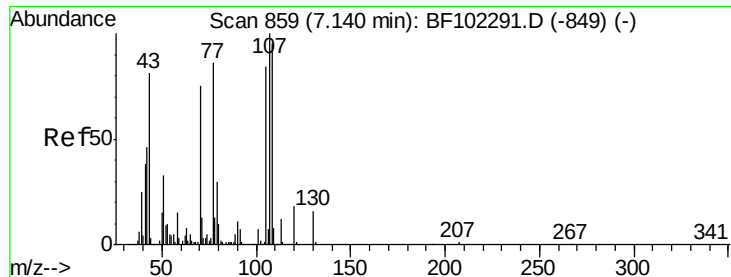


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

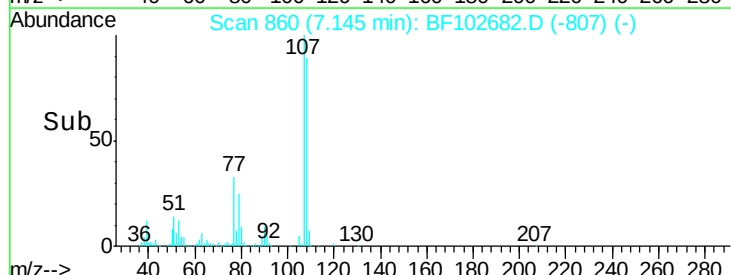
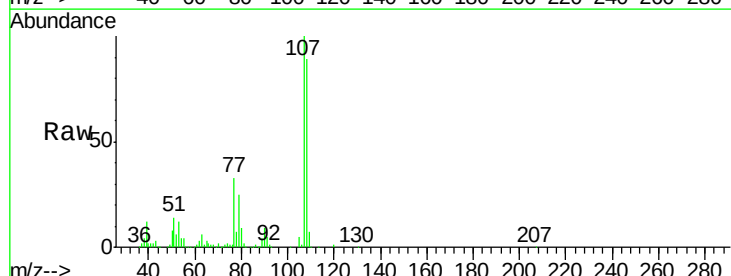
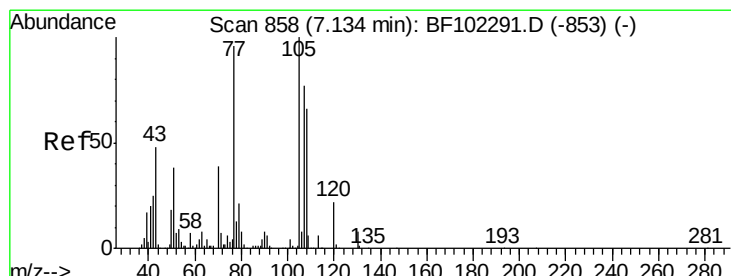
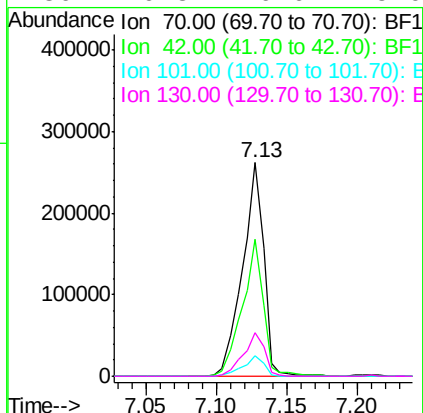




#19
n-Nitroso-di-n-propylamine
Concen: 37.574 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

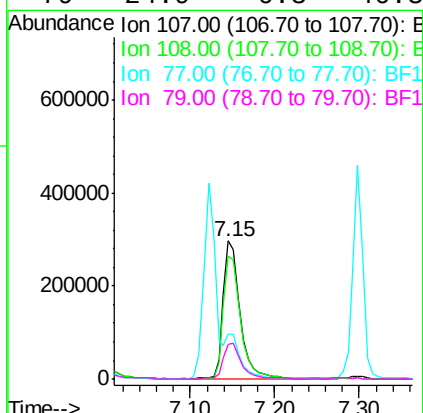
Instrument :
BNA_F
ClientSampleId :
PB106224BS

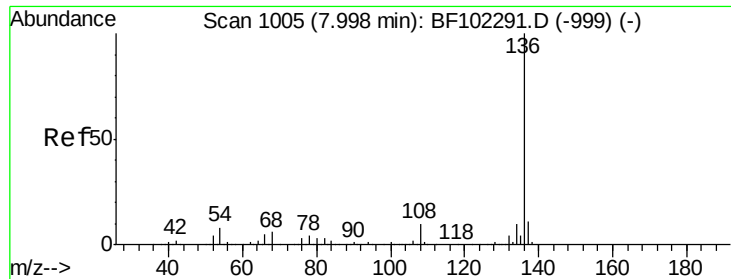
Tot Ion	70	Resp	275695
Ion	Ratio	Lower	Upper
70	100		
42	64.0	47.5	71.3
101	9.9	7.4	11.2
130	20.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.962 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

Tgt Ion	107	Resp	414888
Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.2	108.2
77	32.8	26.7	66.7
79	24.9	6.3	46.3

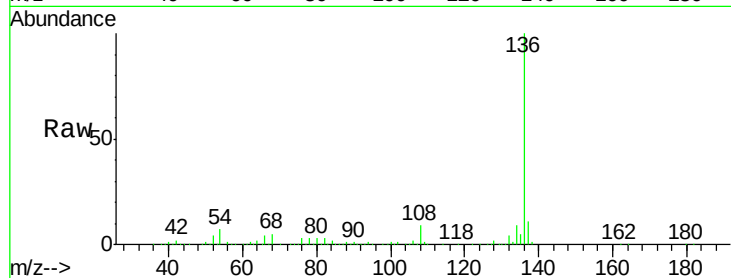




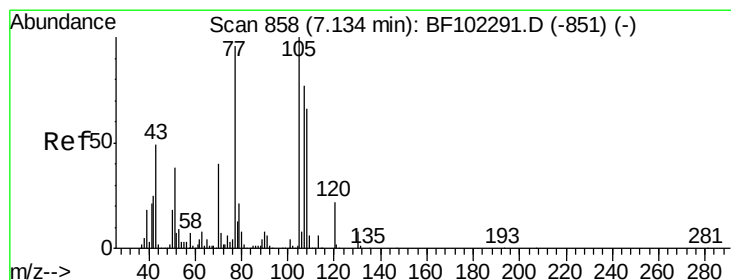
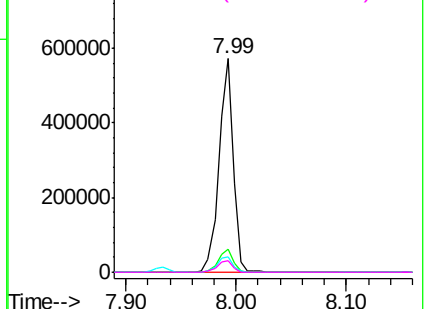
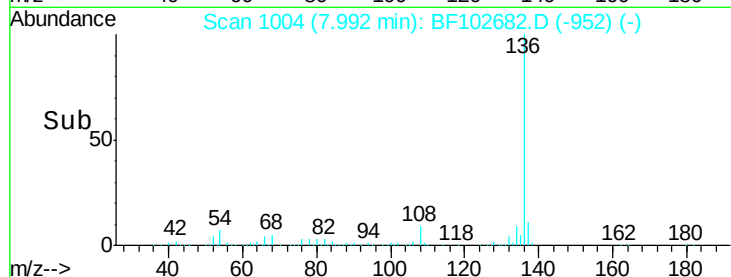
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

Instrument :
BNA_F
ClientSampleId :
PB106224BS

Tot Ion:136	Resp:	511636
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	7.2	6.6 9.8
68	5.3	5.0 7.4

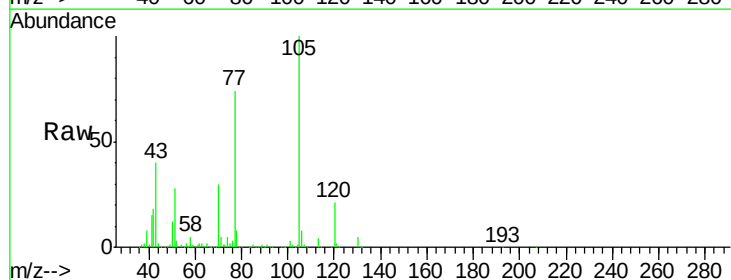


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

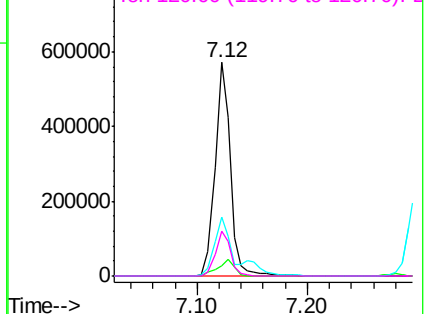
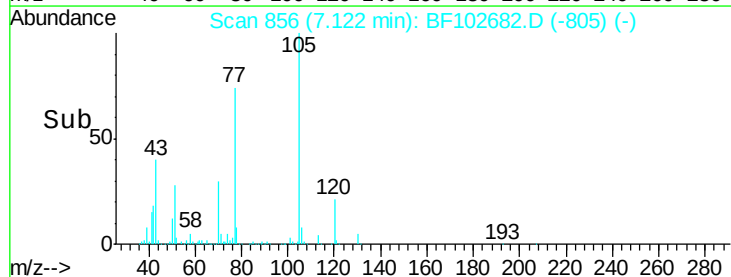


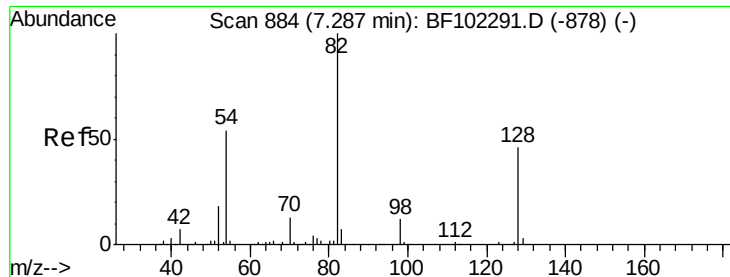
#22
Acetophenone
Concen: 44.659 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

Tgt Ion:105	Resp:	544685
Ion Ratio	Lower	Upper
105	100	
71	5.0	4.4 6.6
51	27.8	22.3 33.5
120	20.8	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

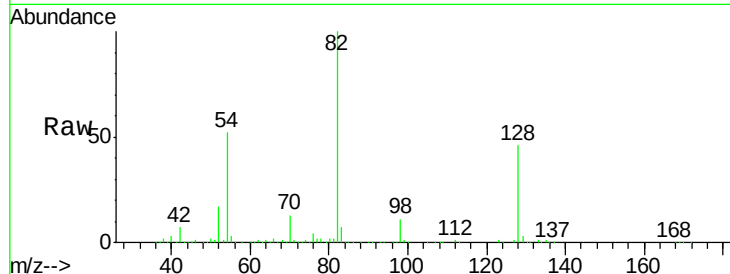




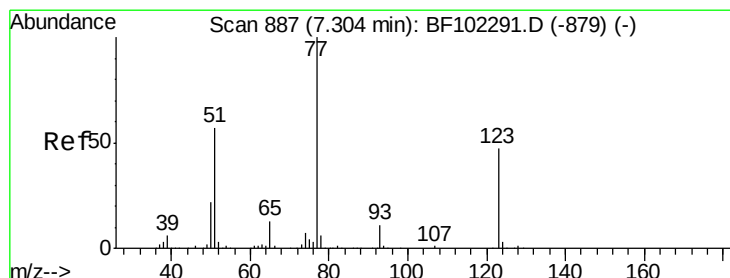
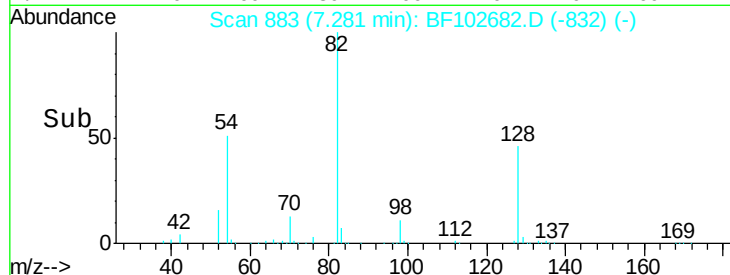
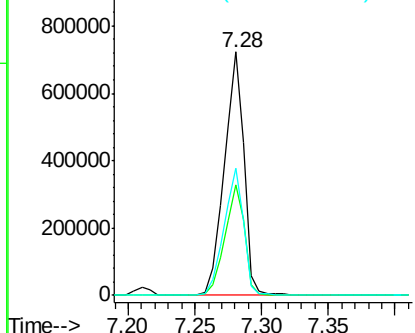
#23
 Nitrobenzene-d5
 Concen: 84.660 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF102682.D
 Acq: 1 Feb 2018 3:44

Instrument :
 BNA_F
 ClientSampleId :
 PB106224BS

Tot Ion	82	Resp	753739
Ion Ratio	Lower	Upper	
82	100		
128	45.5	36.1	54.1
54	52.1	41.4	62.2

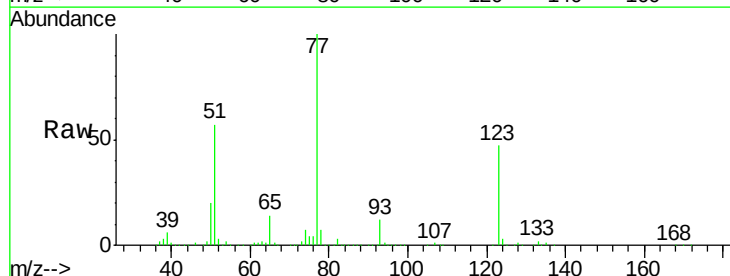


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

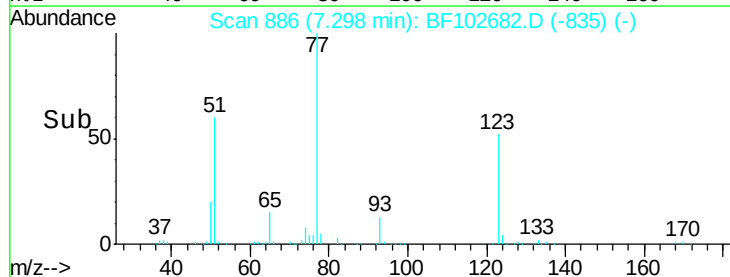
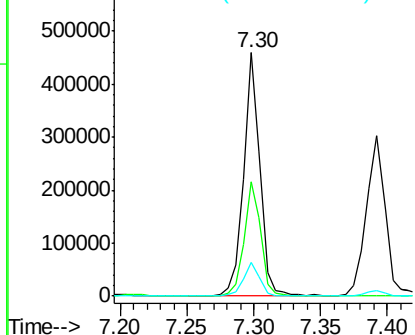


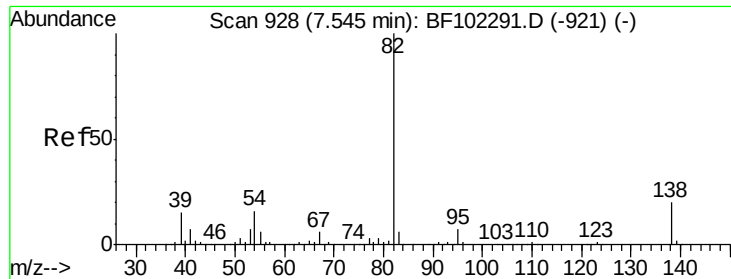
#24
 Nitrobenzene
 Concen: 42.359 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF102682.D
 Acq: 1 Feb 2018 3:44

Tgt Ion	77	Resp	385943
Ion Ratio	Lower	Upper	
77	100		
123	46.8	37.9	56.9
65	13.9	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: 38.335 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

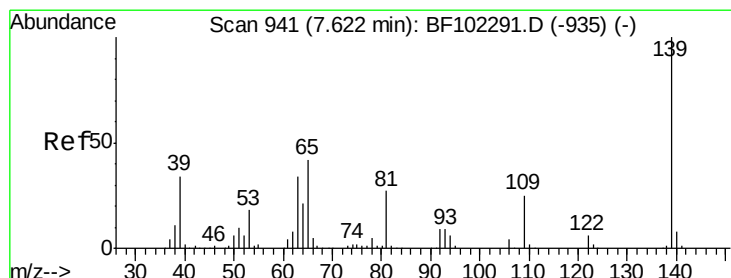
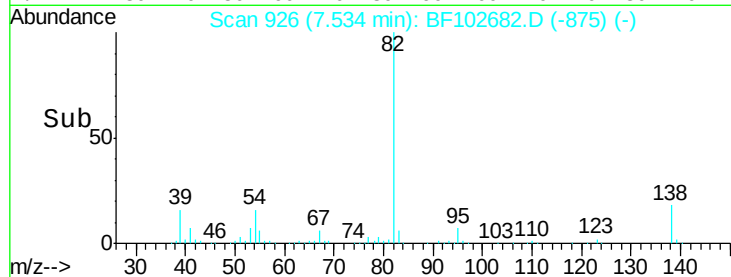
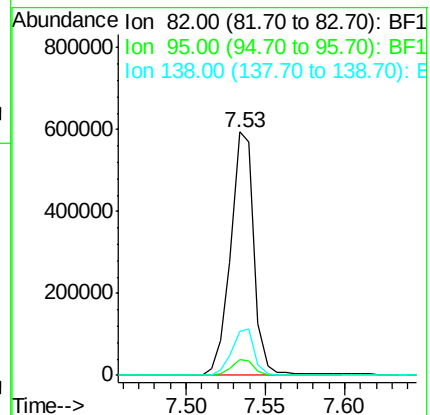
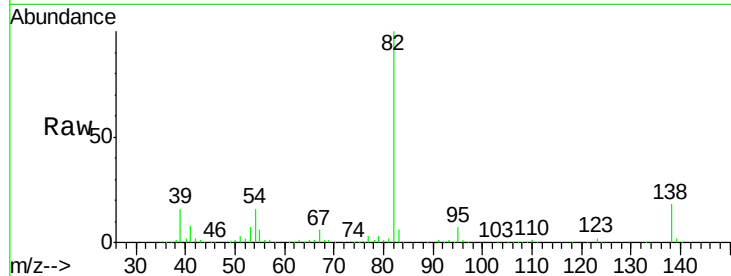
Tot Ion: 82 Resp: 608451

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 18.0 14.9 22.3



#26

2-Nitrophenol

Concen: 32.307 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

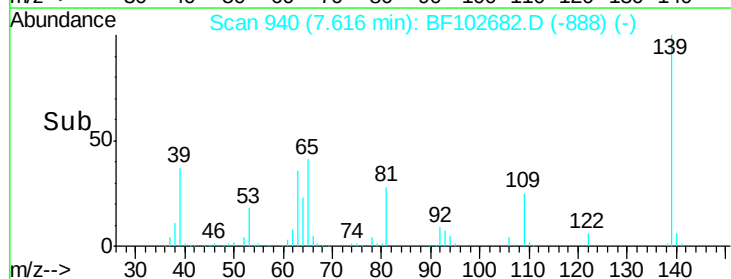
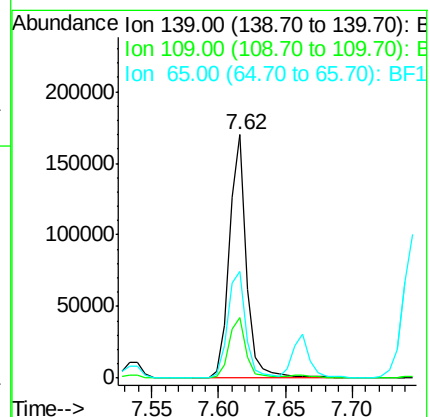
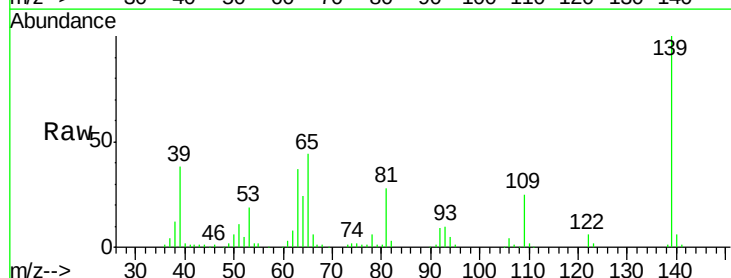
Tgt Ion: 139 Resp: 154925

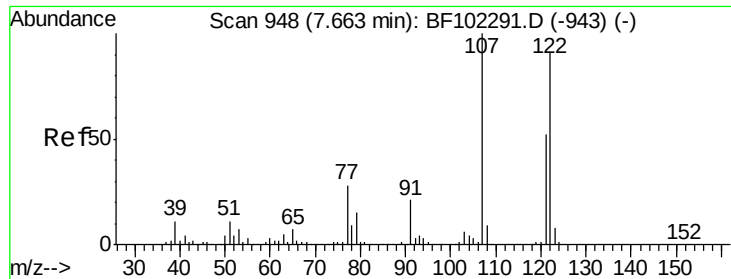
Ion Ratio Lower Upper

139 100

109 24.9 22.7 34.1

65 43.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 40.594 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

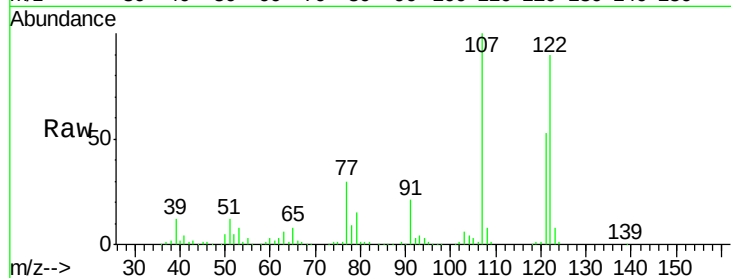
Tot Ion:122 Resp: 282658

Ion Ratio Lower Upper

122 100

107 111.4 91.2 136.8

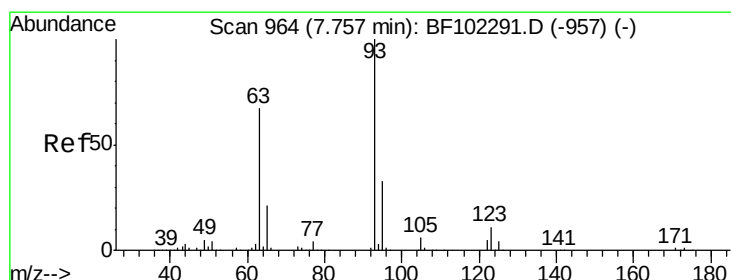
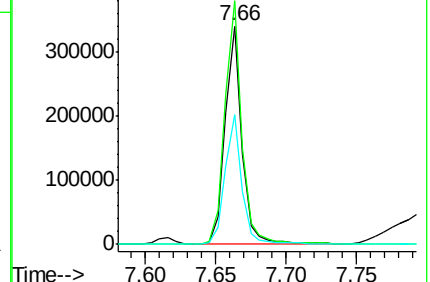
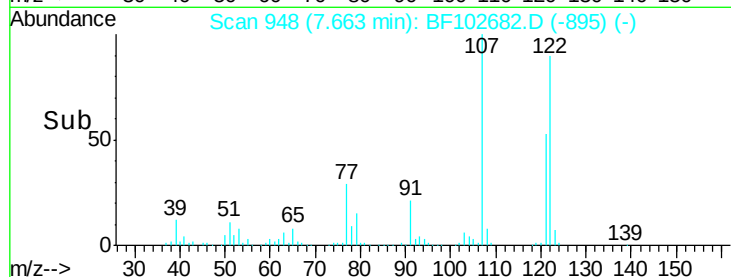
121 59.4 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.051 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

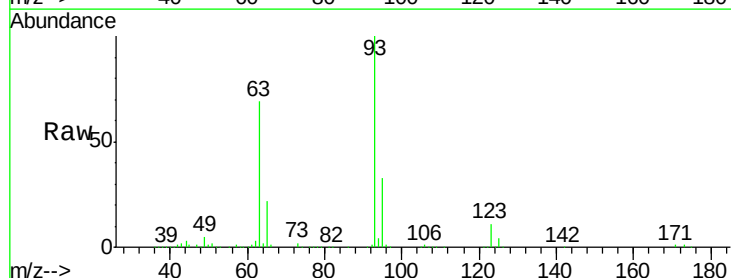
Tgt Ion: 93 Resp: 392695

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

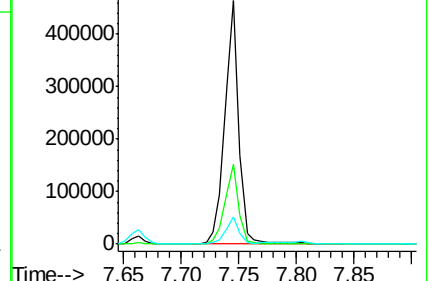
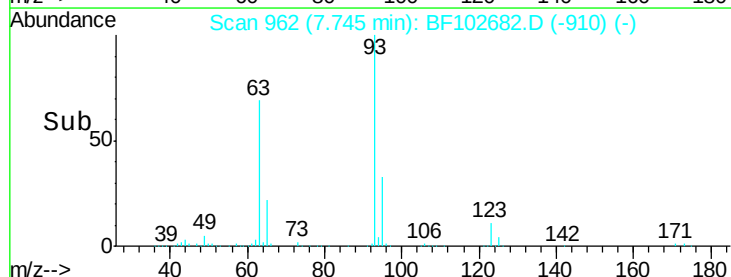
123 11.2 9.8 14.6

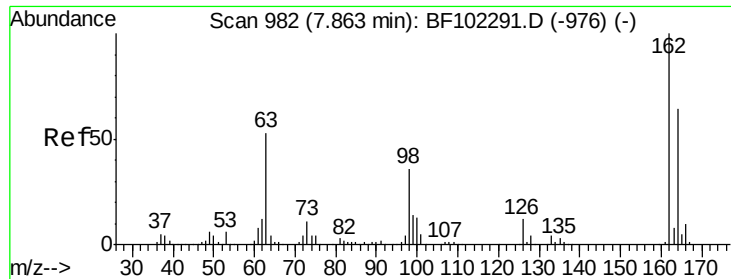


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

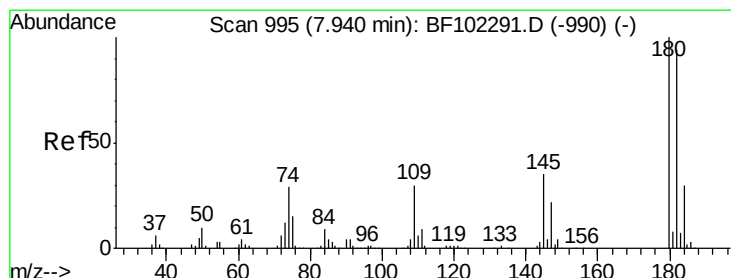
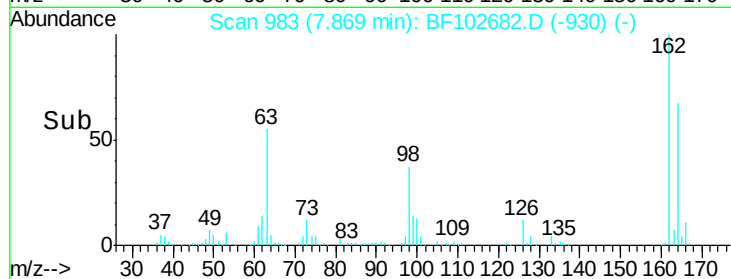
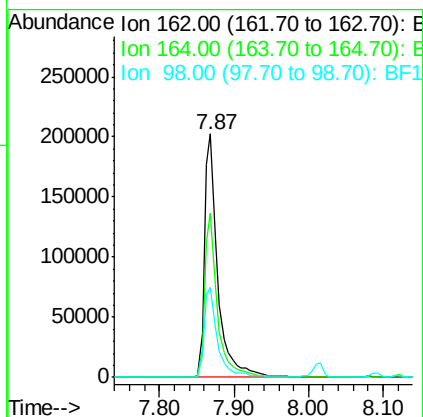
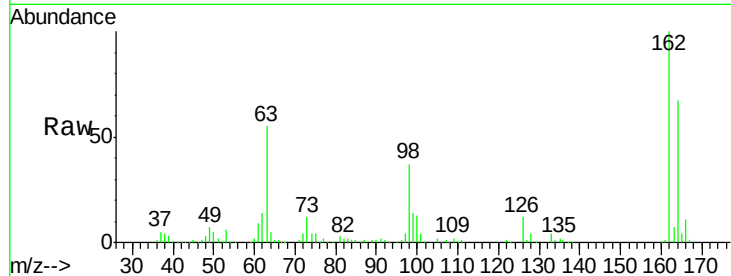




#29
 2,4-Dichlorophenol
 Concen: 35.631 ng
 RT: 7.87 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: BF102682.D
 Acq: 1 Feb 2018 3:44

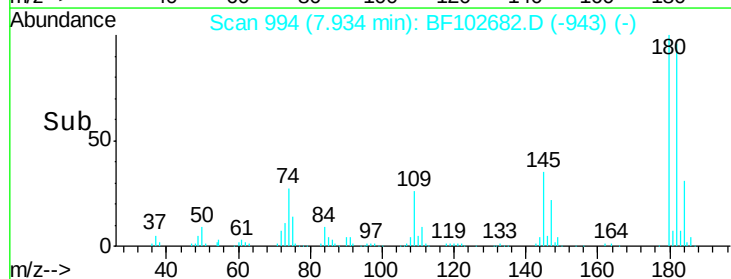
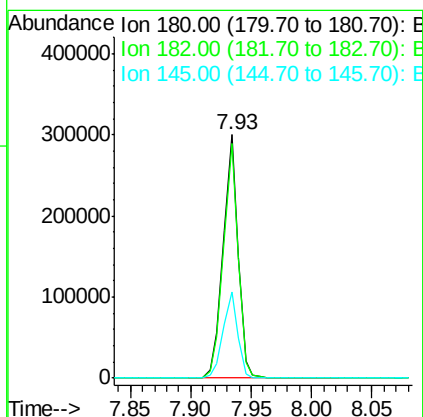
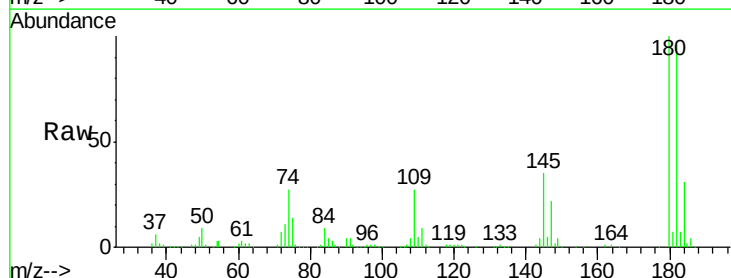
Instrument :
 BNA_F
 ClientSampleID :
 PB106224BS

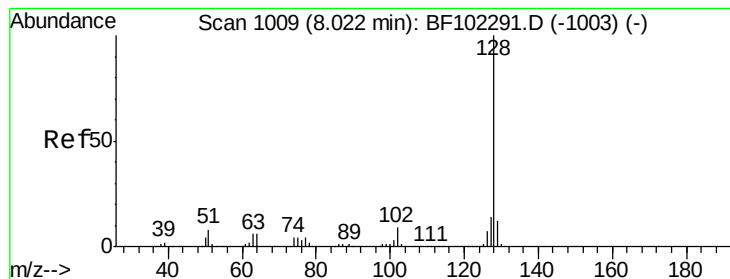
Tot Ion:162 Resp: 252726
 Ion Ratio Lower Upper
 162 100
 164 67.4 42.7 82.7
 98 36.9 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 33.999 ng
 RT: 7.93 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF102682.D
 Acq: 1 Feb 2018 3:44

Tgt Ion:180 Resp: 258497
 Ion Ratio Lower Upper
 180 100
 182 96.5 76.8 115.2
 145 35.3 26.5 39.7





#31

Naphthalene

Concen: 35.363 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

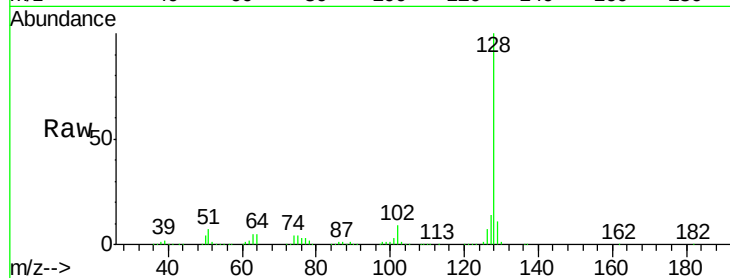
Tot Ion:128 Resp: 903364

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

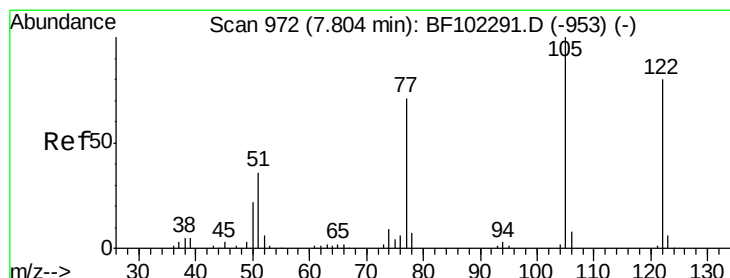
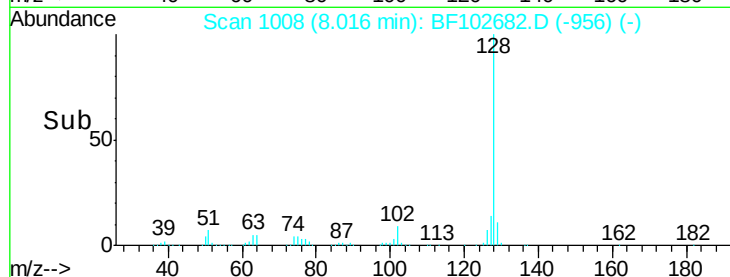
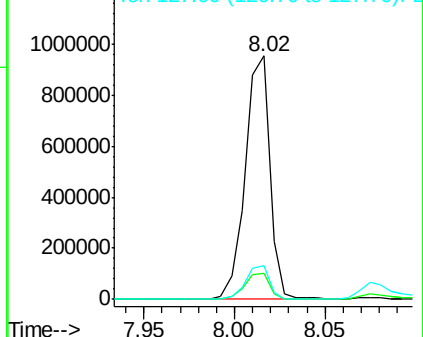
127 13.7 10.9 16.3



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: 23.428 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

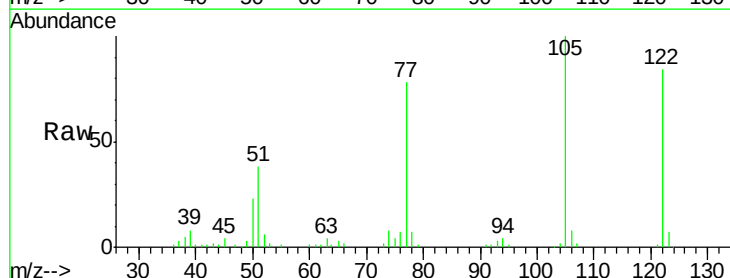
Tgt Ion:122 Resp: 136673

Ion Ratio Lower Upper

122 100

105 119.0 101.1 141.1

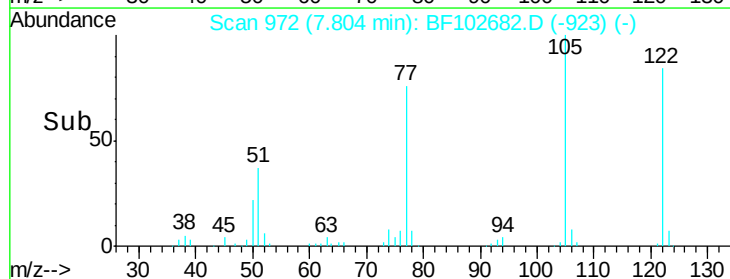
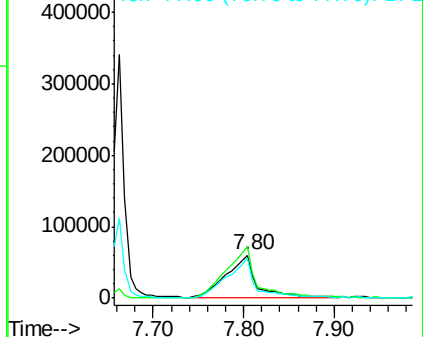
77 92.2 70.7 110.7

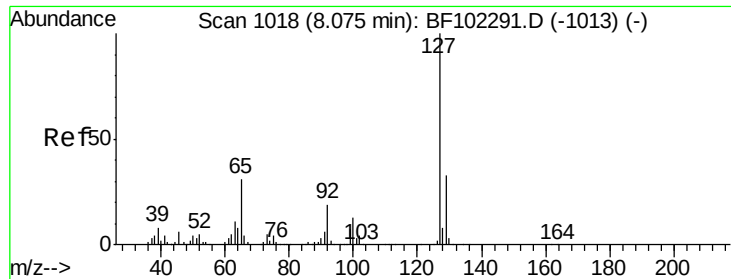


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

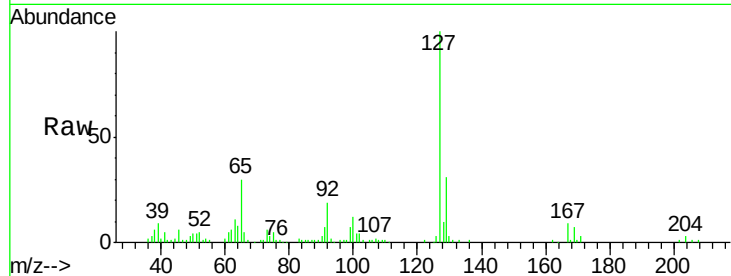




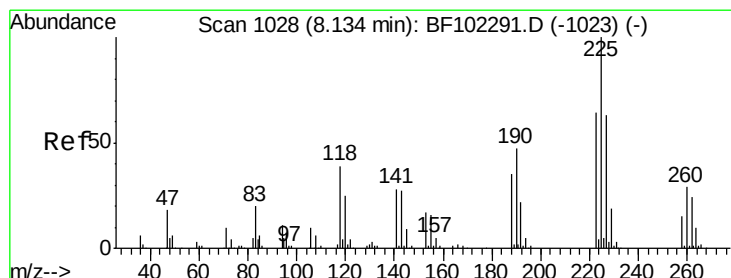
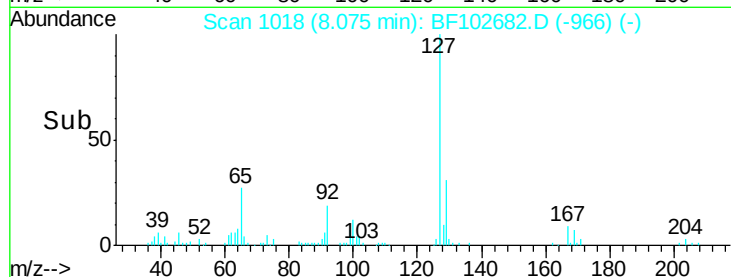
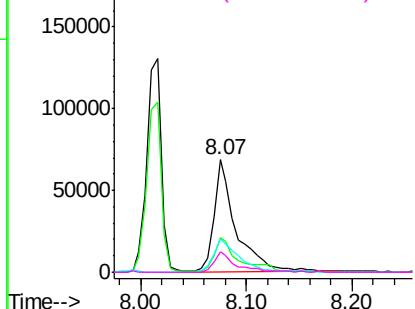
#33
4-Chloroaniline
Concen: 9.294 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

Instrument :
BNA_F
ClientSampleId :
PB106224BS

Tot Ion:127	Resp:	99833
Ion Ratio	Lower	Upper
127	100	
129	30.7	25.9 38.9
65	29.8	25.0 37.4
92	18.6	15.2 22.8

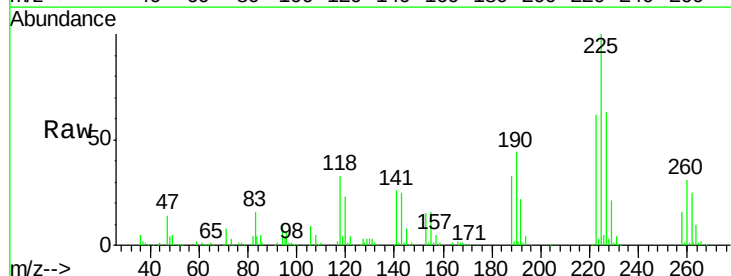


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

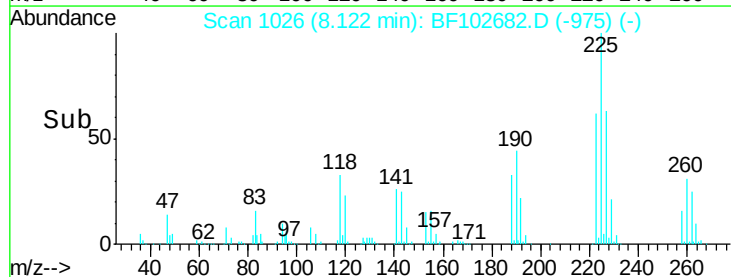
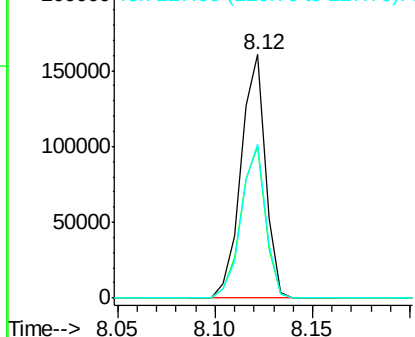


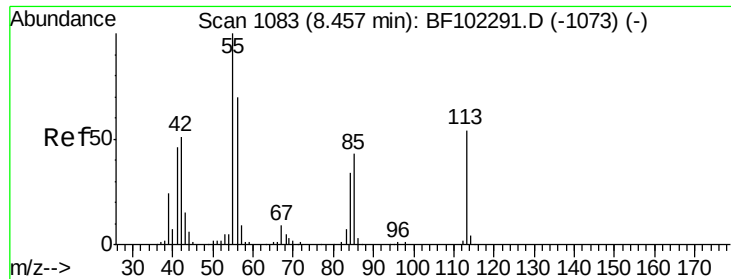
#34
Hexachlorobutadiene
Concen: 34.561 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

Tgt Ion:225	Resp:	140344
Ion Ratio	Lower	Upper
225	100	
223	62.4	50.6 76.0
227	63.3	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

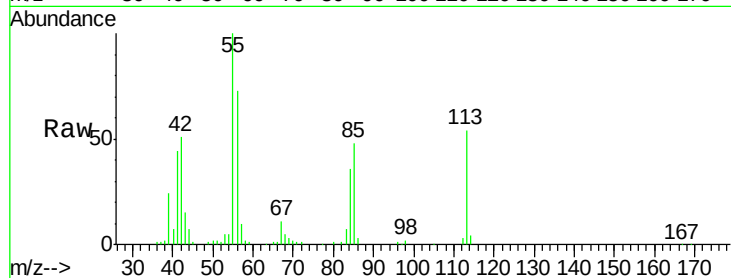




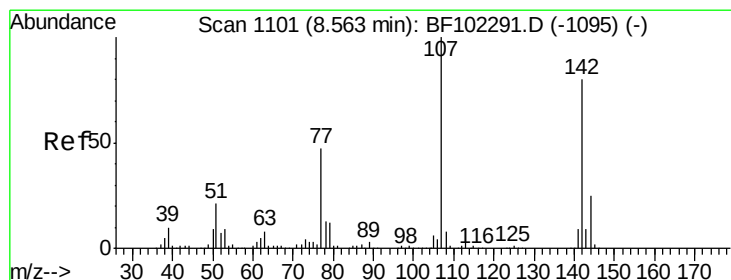
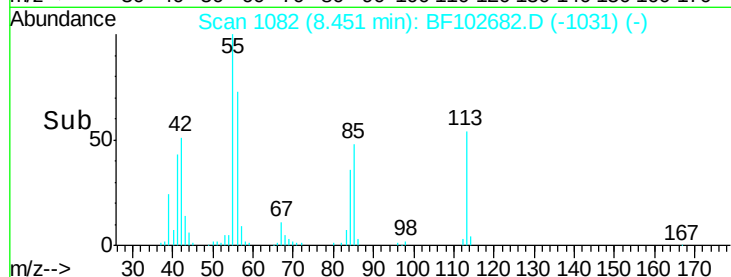
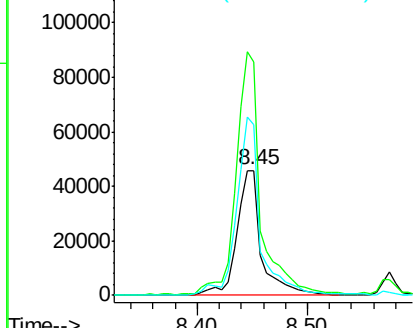
#35
Caprolactam
Concen: 30.585 ng
RT: 8.45 min Scan# 1082
Delta R.T. 0.00 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

Instrument :
BNA_F
ClientSampleId :
PB106224BS

Tot Ion:113 Resp: 71645
Ion Ratio Lower Upper
113 100
55 186.8 163.3 203.3
56 136.7 115.7 155.7

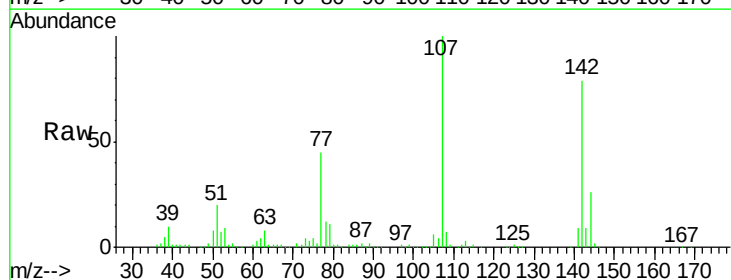


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

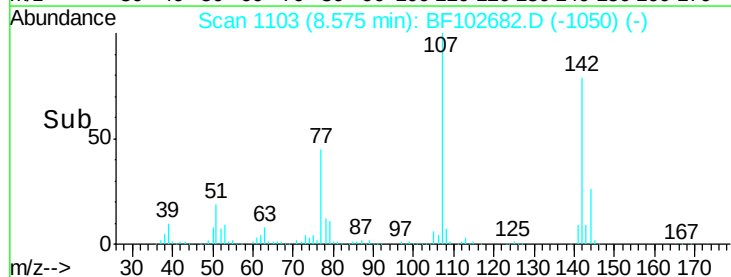
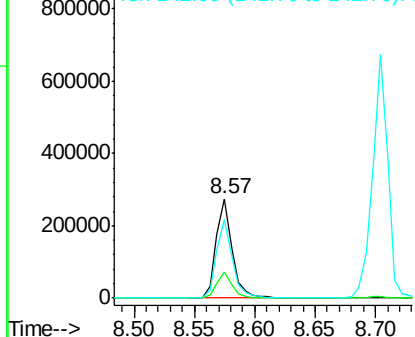


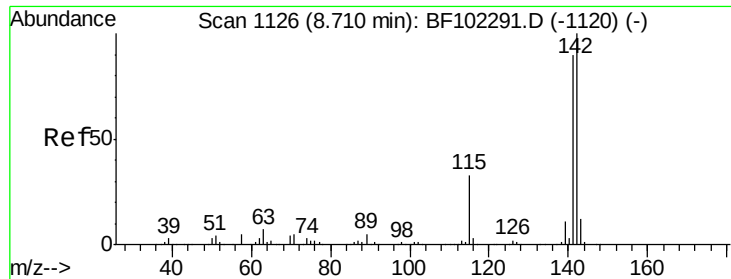
#36
4-Chloro-3-methylphenol
Concen: 33.728 ng
RT: 8.57 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

Tgt Ion:107 Resp: 252164
Ion Ratio Lower Upper
107 100
144 25.5 20.5 30.7
142 79.0 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 34.858 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

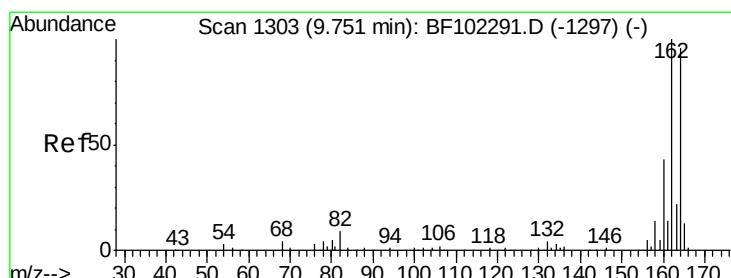
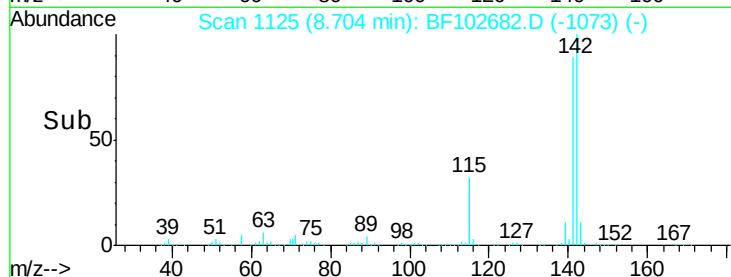
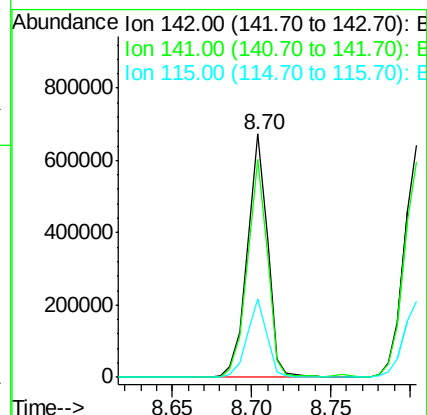
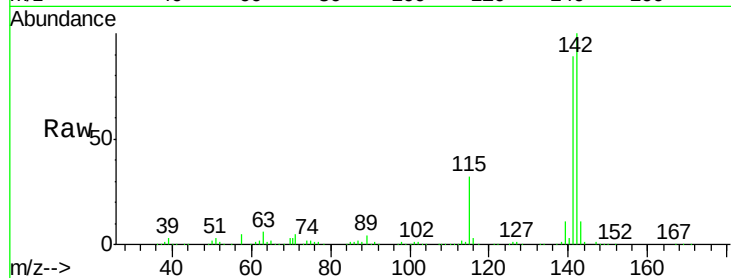
Tot Ion:142 Resp: 593018

Ion Ratio Lower Upper

142 100

141 89.4 70.8 106.2

115 32.0 26.1 39.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

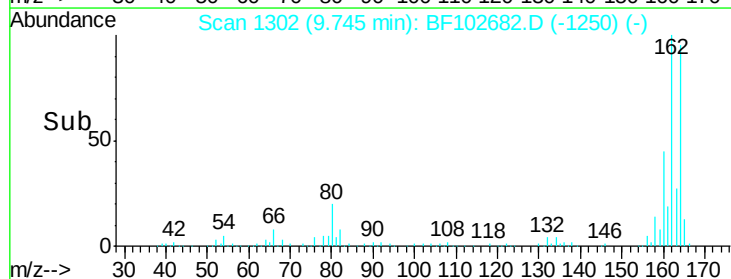
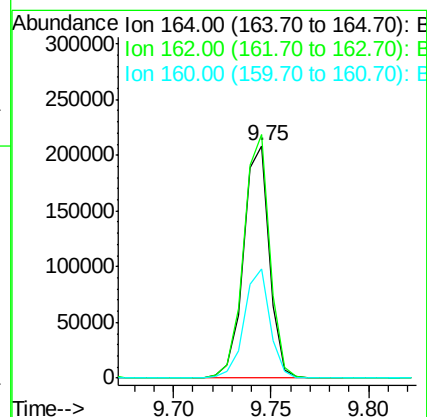
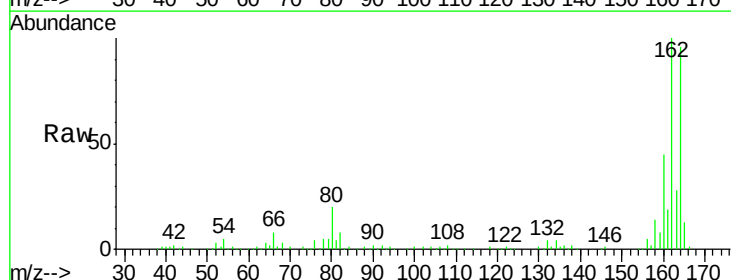
Tgt Ion:164 Resp: 191680

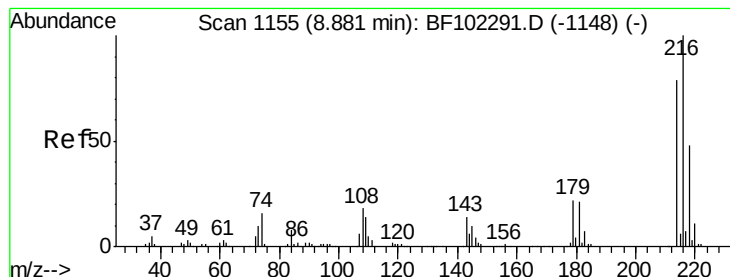
Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

160 47.2 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.563 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

Tot Ion:216 Resp: 222388

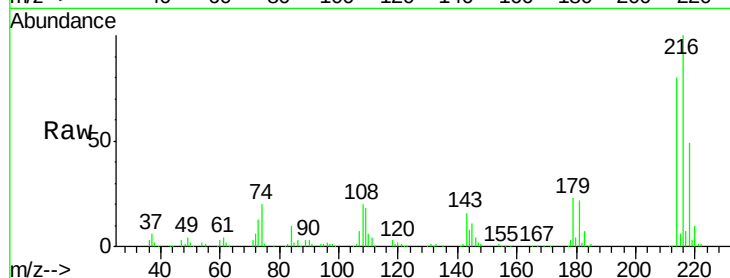
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 22.7 18.1 27.1

108 20.0 17.2 25.8

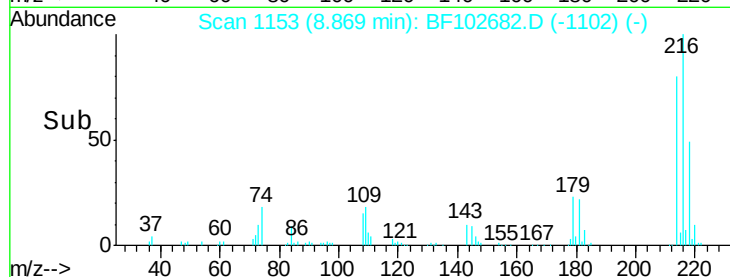


Abundance Ion 216.00 (215.70 to 216.70): E

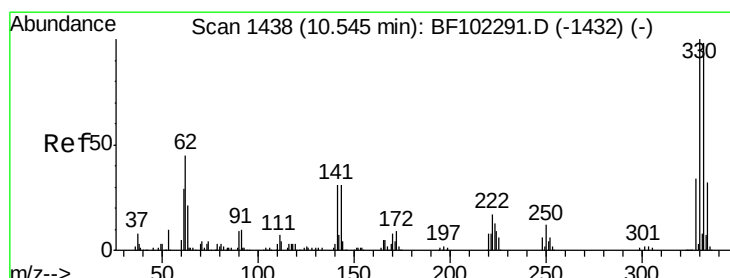
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 83.132 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

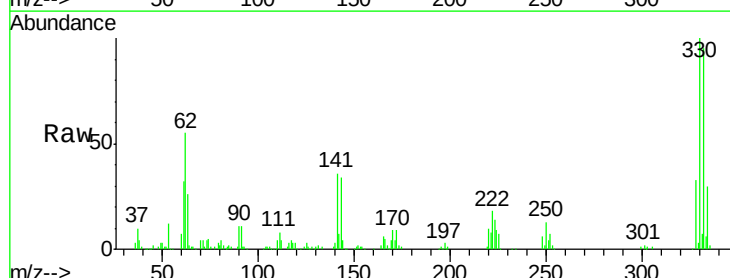
Tgt Ion:330 Resp: 157890

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

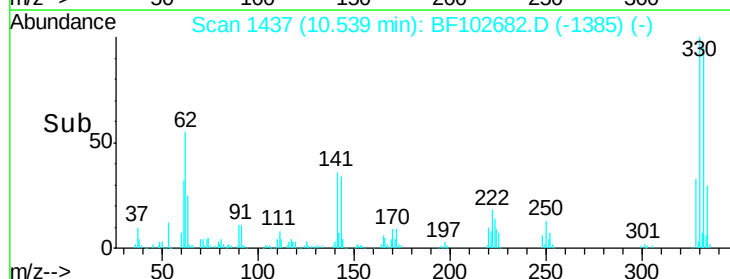
141 40.4 29.9 44.9



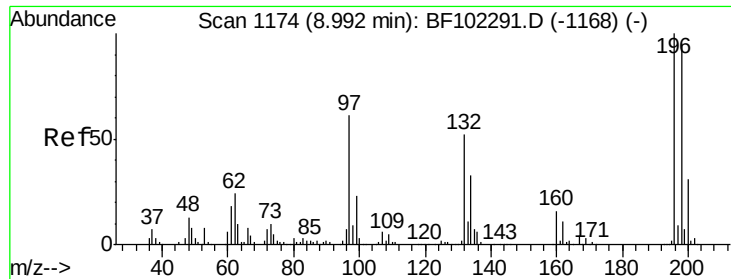
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



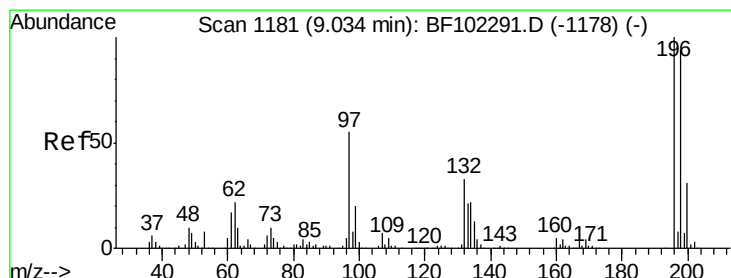
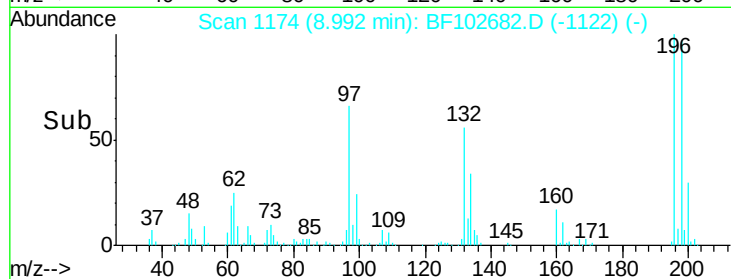
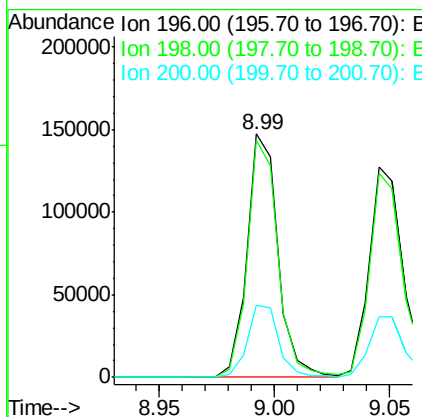
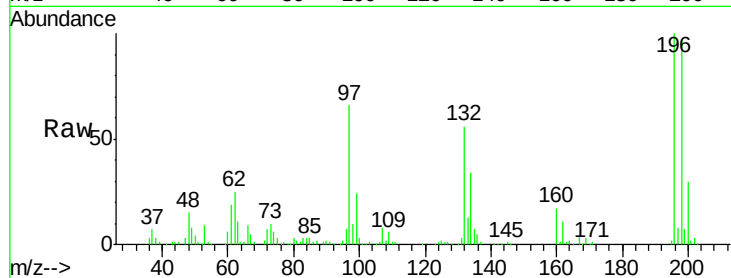
Time-->



#42
 2,4,6-Trichlorophenol
 Concen: 35.832 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BF102682.D
 Acq: 1 Feb 2018 3:44

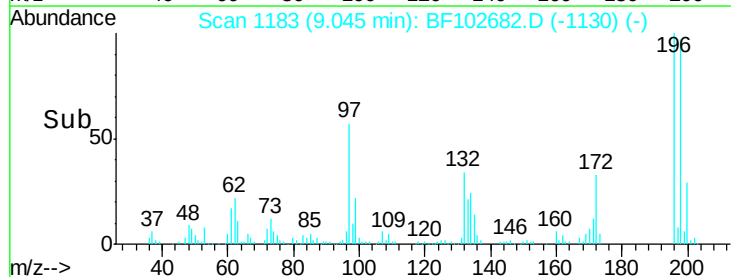
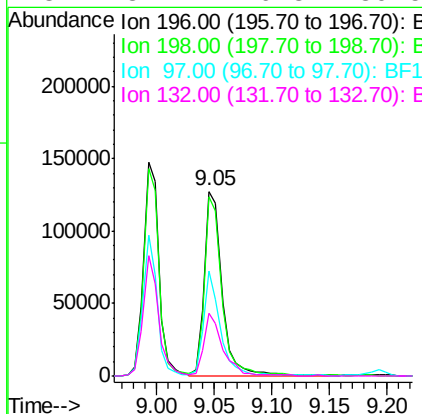
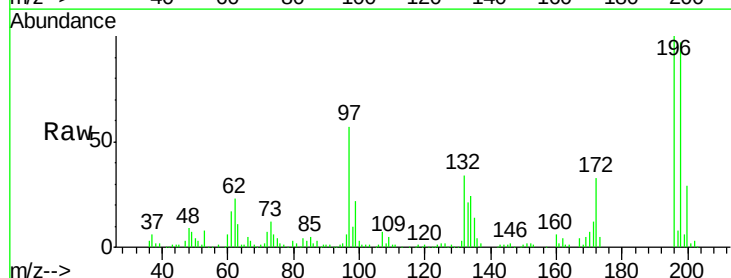
Instrument :
 BNA_F
 ClientSampleId :
 PB106224BS

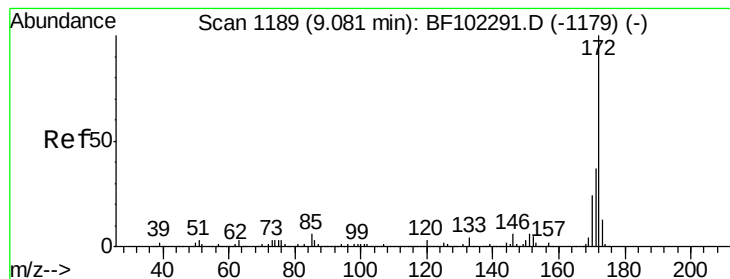
Tot Ion:196 Resp: 138328
 Ion Ratio Lower Upper
 196 100
 198 97.2 75.7 113.5
 200 29.9 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 31.810 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102682.D
 Acq: 1 Feb 2018 3:44

Tgt Ion:196 Resp: 138267
 Ion Ratio Lower Upper
 196 100
 198 97.1 74.6 112.0
 97 57.0 42.9 64.3
 132 34.2 26.3 39.5





#44

2-Fluorobiphenyl

Concen: 81.169 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

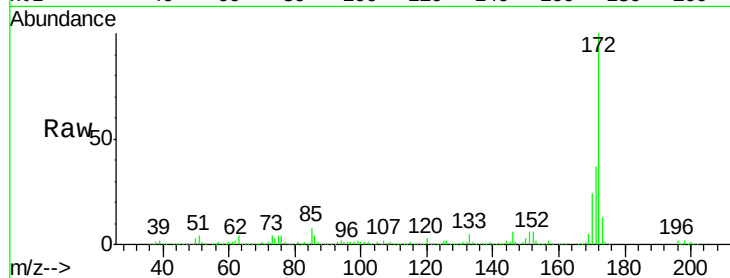
BNA_F

ClientSampleId :

PB106224BS

Tot Ion:172 Resp: 1058143

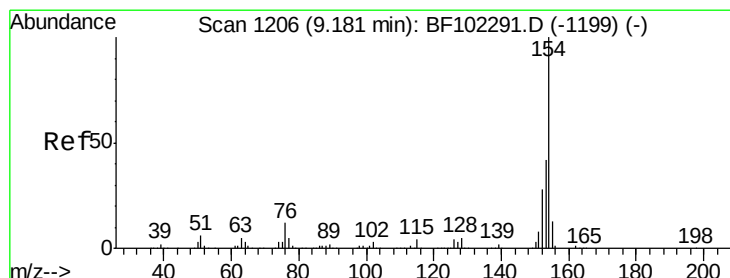
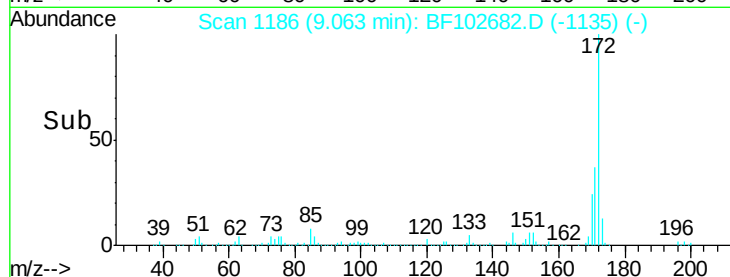
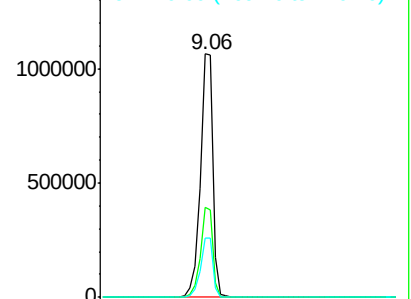
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.2	19.6	29.4



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: 38.594 ng

RT: 9.17 min Scan# 1204

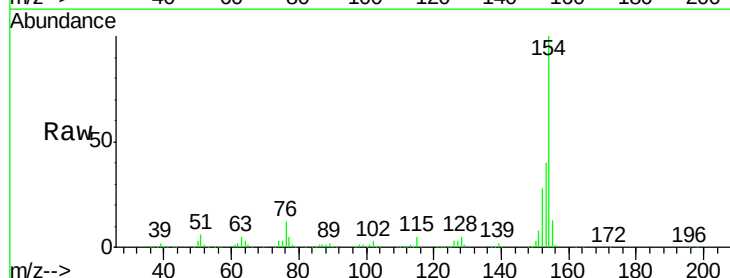
Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Tgt Ion:154 Resp: 661468

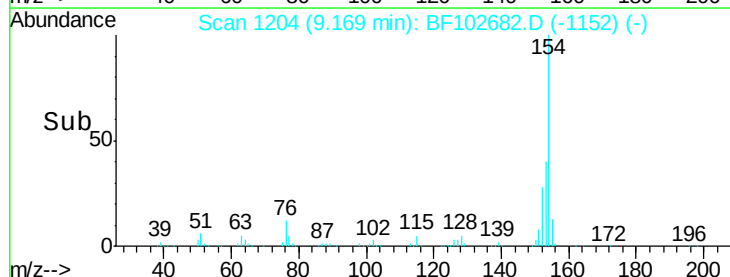
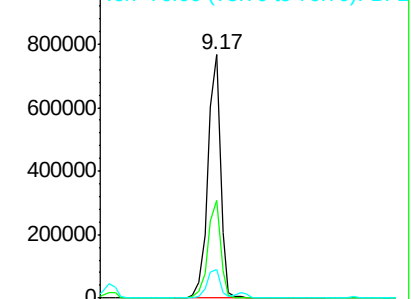
Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	11.8	0.0	34.0

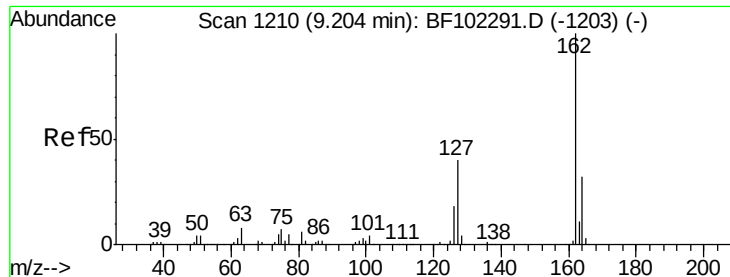


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

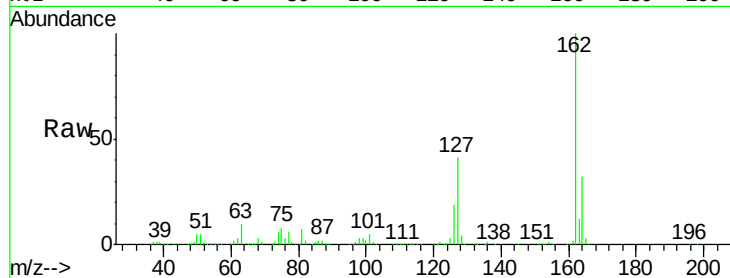




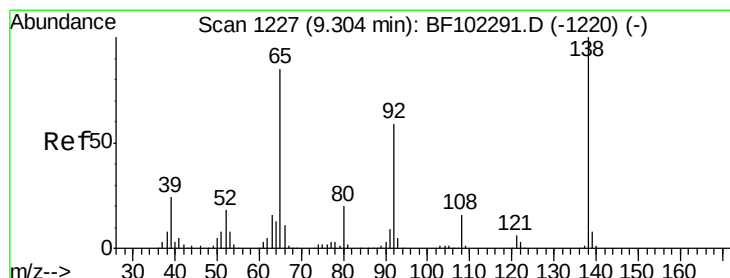
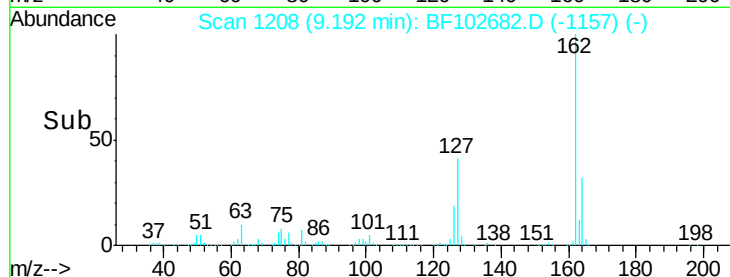
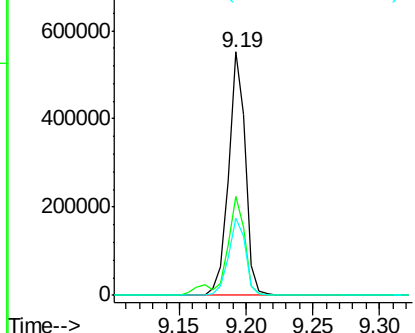
#46
2-Chloronaphthalene
Concen: 36.868 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

Instrument :
BNA_F
ClientSampleId :
PB106224BS

Tot Ion:162 Resp: 491167
Ion Ratio Lower Upper
162 100
127 40.8 33.9 50.9
164 31.9 26.5 39.7

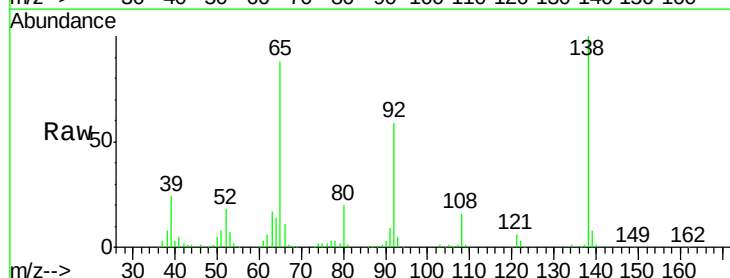


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

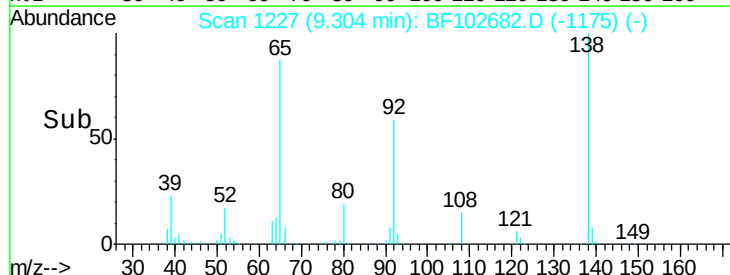
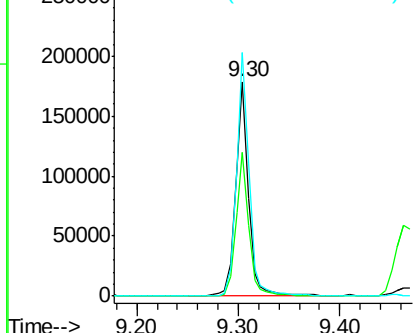


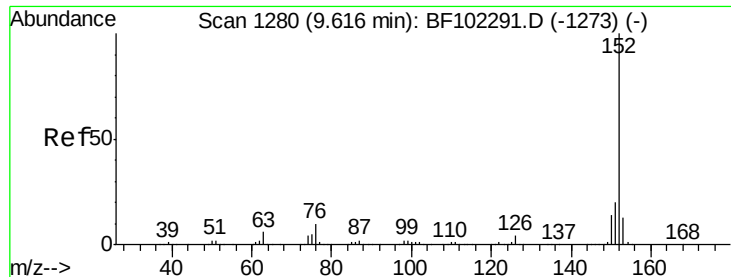
#47
2-Nitroaniline
Concen: 38.384 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

Tgt Ion: 65 Resp: 159425
Ion Ratio Lower Upper
65 100
92 67.1 55.8 83.6
138 113.7 91.2 136.8



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





#48

Acenaphthylene

Concen: 34.203 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

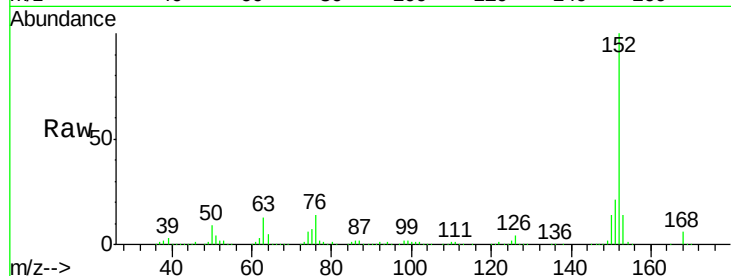
Tot Ion:152 Resp: 709884

Ion Ratio Lower Upper

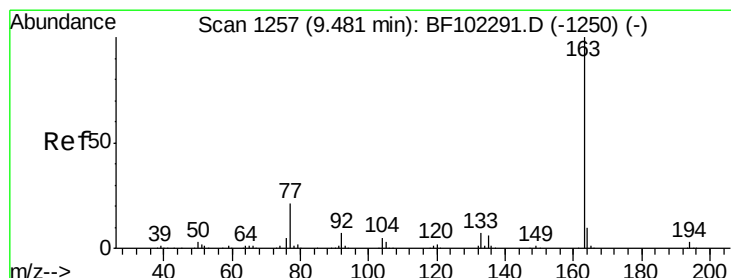
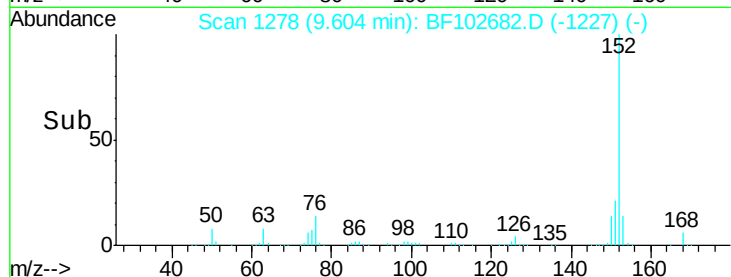
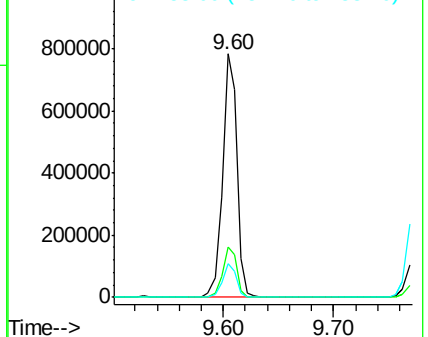
152 100

151 20.6 16.3 24.5

153 13.6 10.7 16.1



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



#49

Dimethylphthalate

Concen: 36.159 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

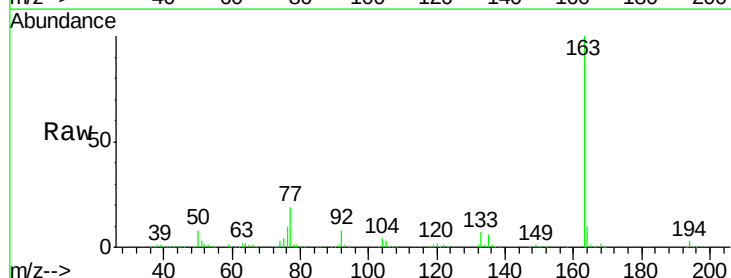
Tgt Ion:163 Resp: 572884

Ion Ratio Lower Upper

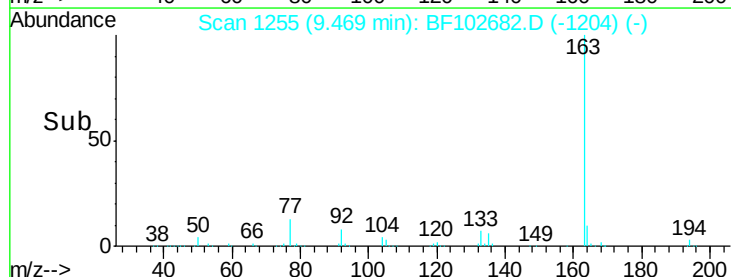
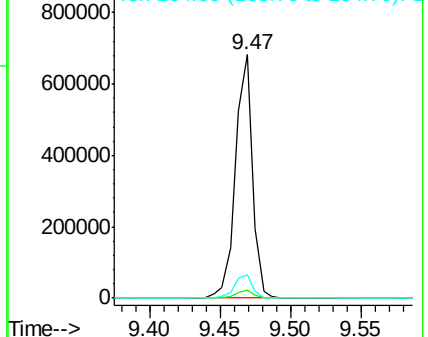
163 100

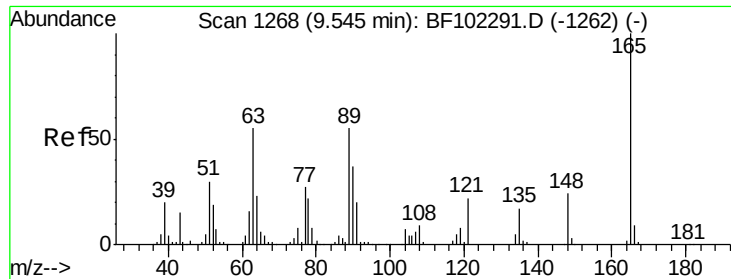
194 3.4 2.7 4.1

164 9.6 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

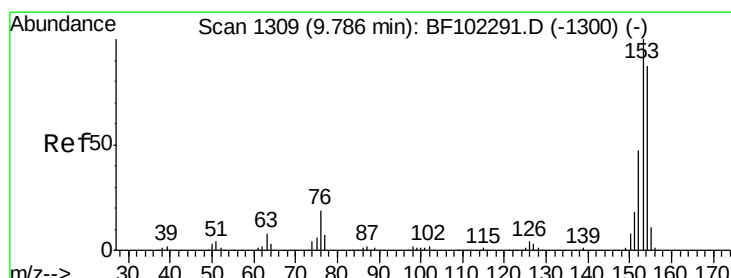
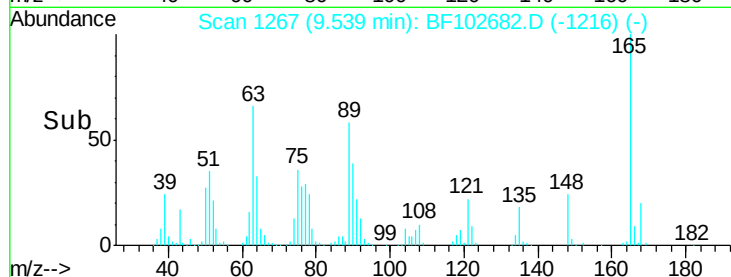
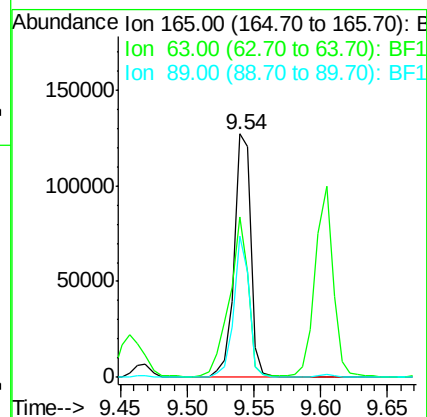
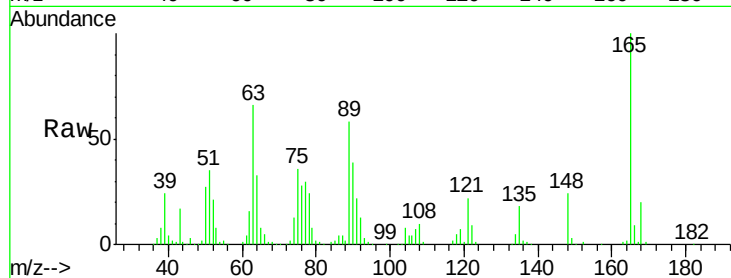




#50
2,6-Dinitrotoluene
Concen: 33.111 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

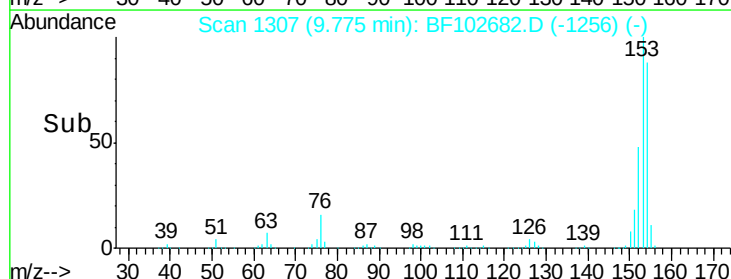
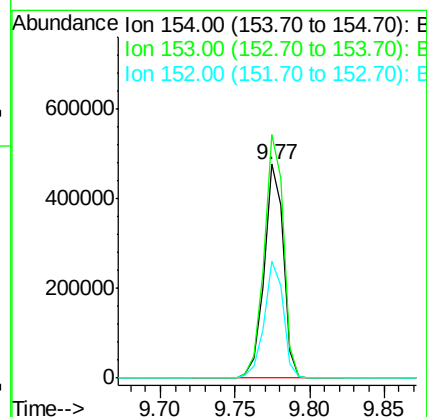
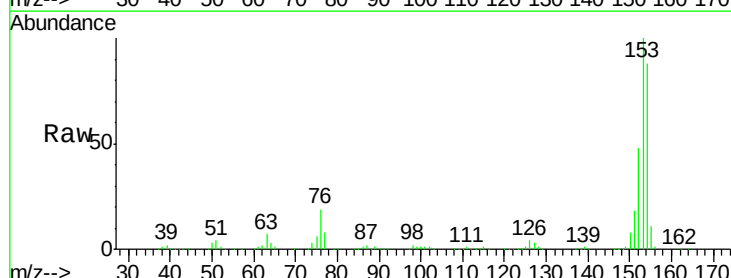
Instrument :
BNA_F
ClientSampleId :
PB106224BS

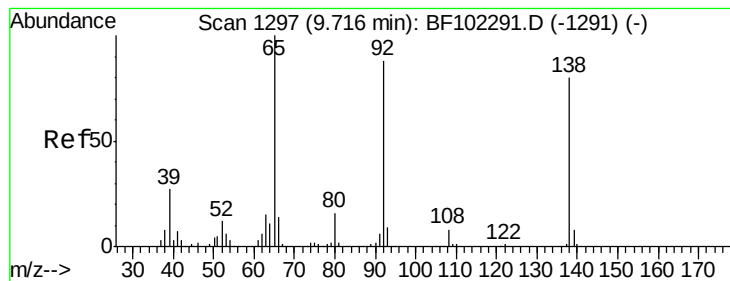
Tot Ion:165 Resp: 113105
Ion Ratio Lower Upper
165 100
63 65.8 44.7 67.1
89 57.9 44.0 66.0



#51
Acenaphthene
Concen: 34.727 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

Tgt Ion:154 Resp: 420943
Ion Ratio Lower Upper
154 100
153 113.9 91.2 136.8
152 54.5 43.8 65.8





#52

3-Nitroaniline

Concen: 23.588 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

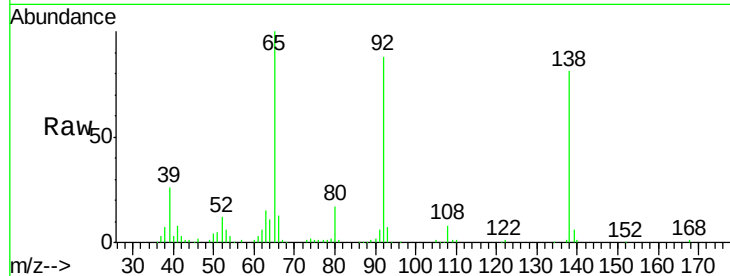
Tot Ion:138 Resp: 95319

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

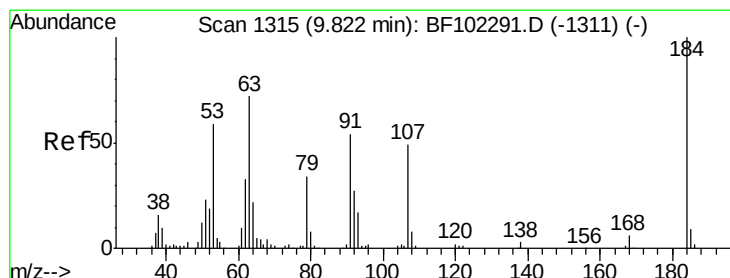
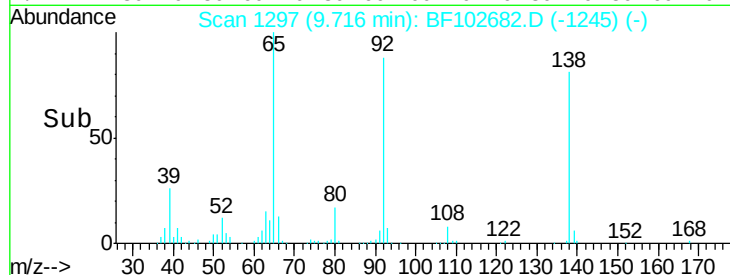
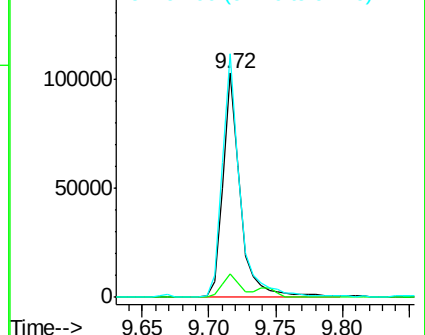
92 108.7 89.4 134.2



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: 6.909 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.02 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

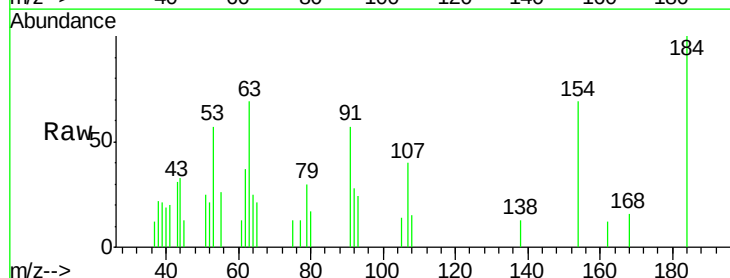
Tgt Ion:184 Resp: 5163

Ion Ratio Lower Upper

184 100

63 69.2 54.2 81.2

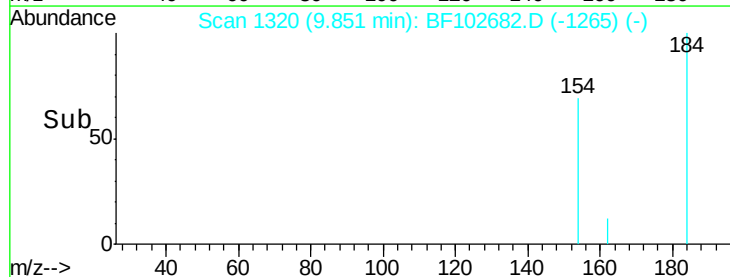
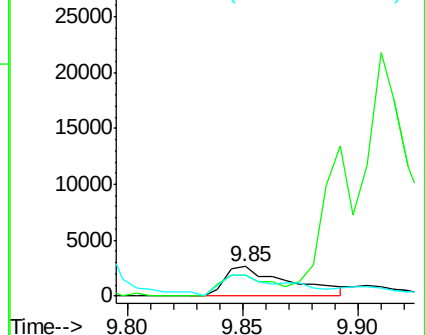
154 69.2 184.0 276.0#

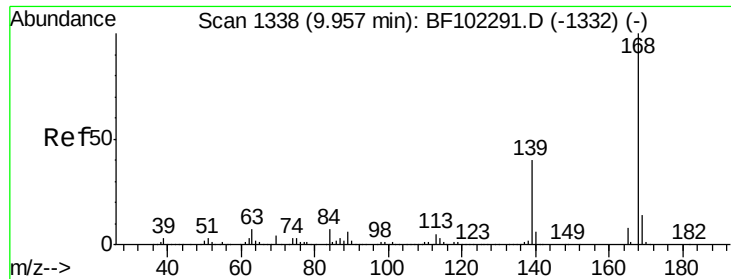


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

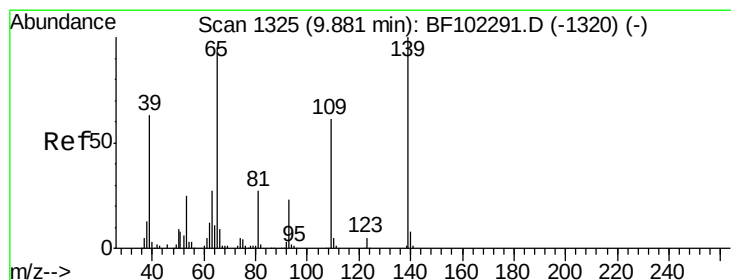
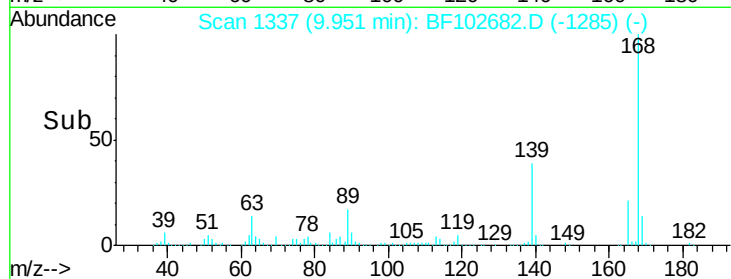
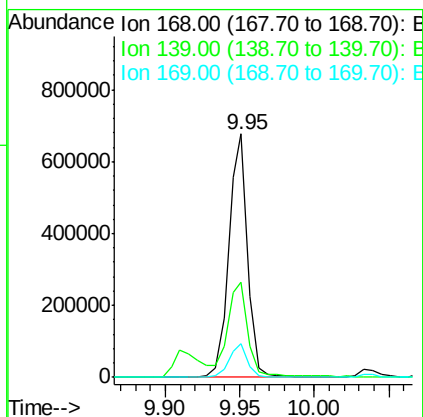
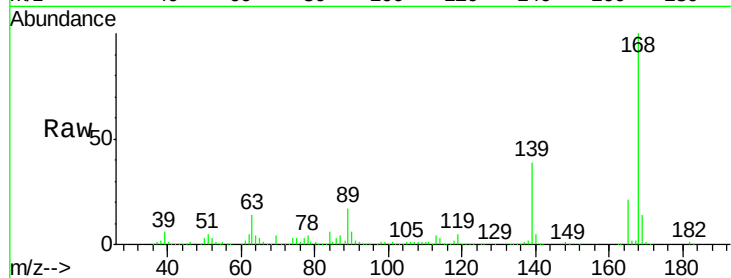




#54
Dibenzenofuran
Concen: 36.652 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

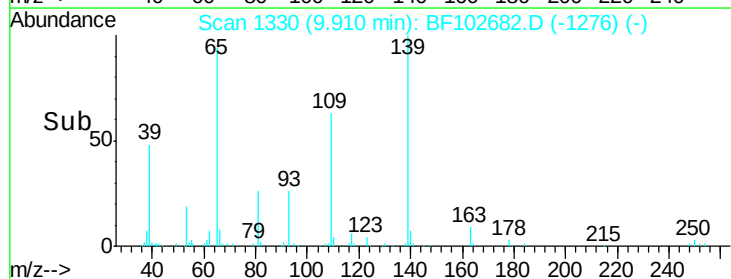
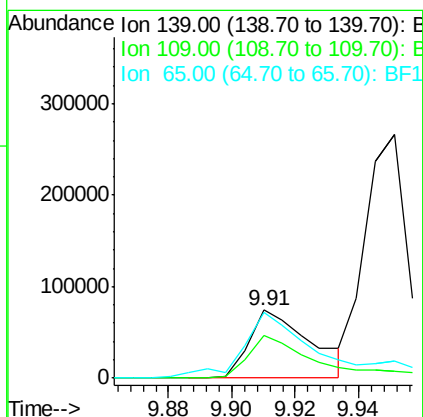
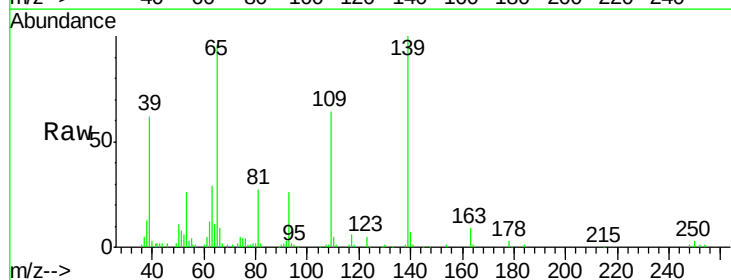
Instrument :
BNA_F
ClientSampleId :
PB106224BS

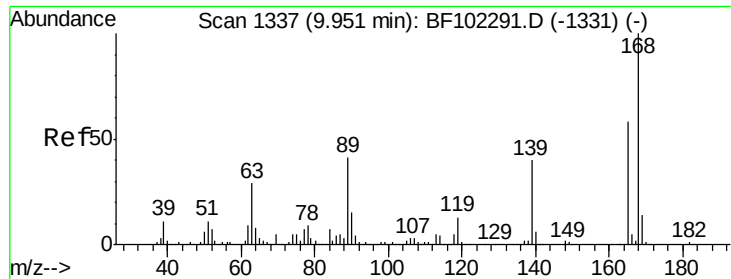
Tot Ion:168 Resp: 601274
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1
169 13.6 10.9 16.3



#55
4-Nitrophenol
Concen: 37.266 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

Tgt Ion:139 Resp: 99404
Ion Ratio Lower Upper
139 100
109 63.5 48.4 88.4
65 95.6 72.6 112.6





#56

2,4-Dinitrotoluene

Concen: 30.417 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

Tot Ion:165 Resp: 127770

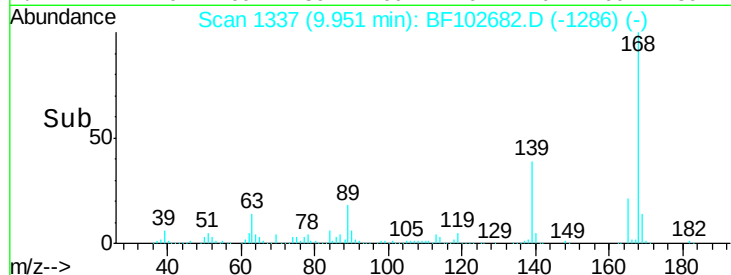
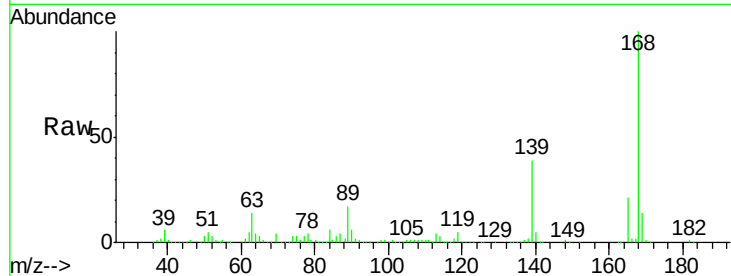
Ion Ratio Lower Upper

165 100

63 67.2 36.4 54.6#

89 81.9 57.8 86.6

182 2.5 1.6 2.4#

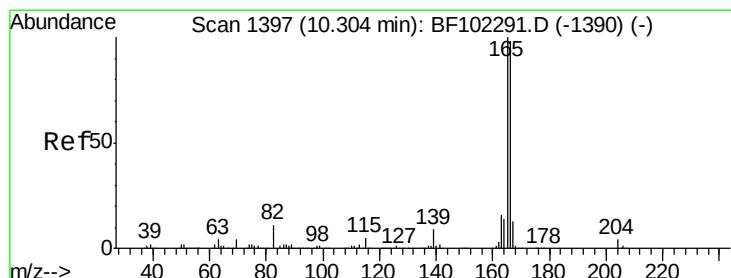
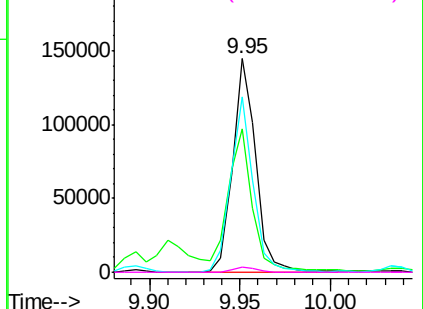


Abundance Ion 165.00 (164.70 to 165.70): E

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: 36.306 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

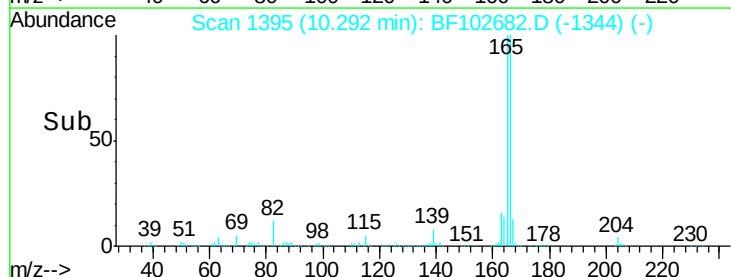
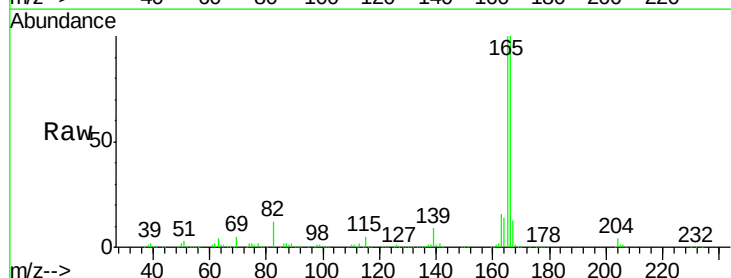
Tgt Ion:166 Resp: 471959

Ion Ratio Lower Upper

166 100

165 99.9 79.8 119.8

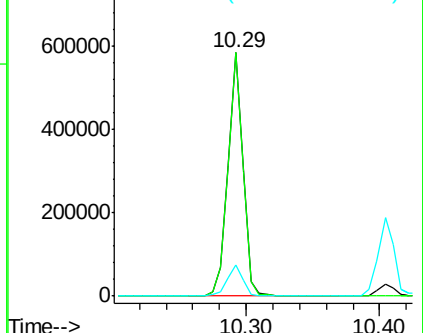
167 13.0 10.6 16.0

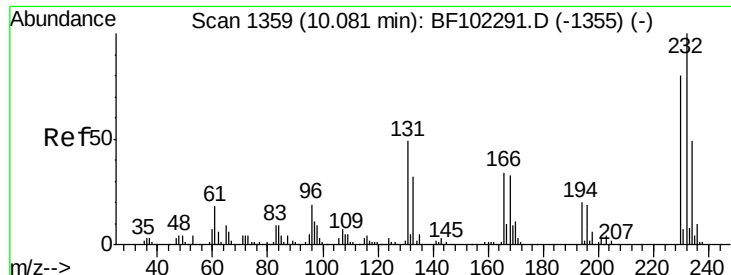


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

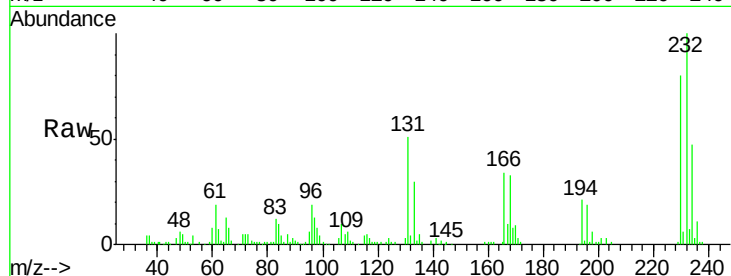




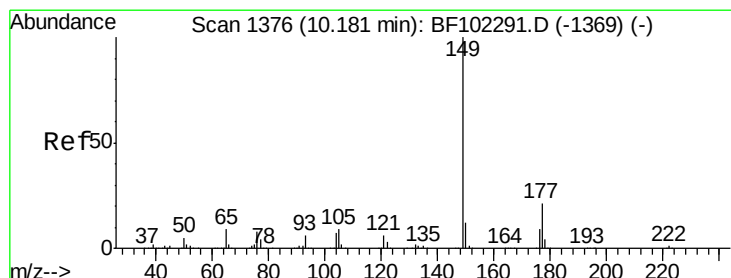
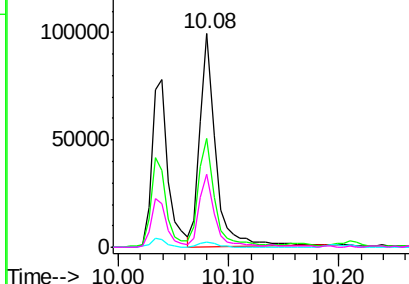
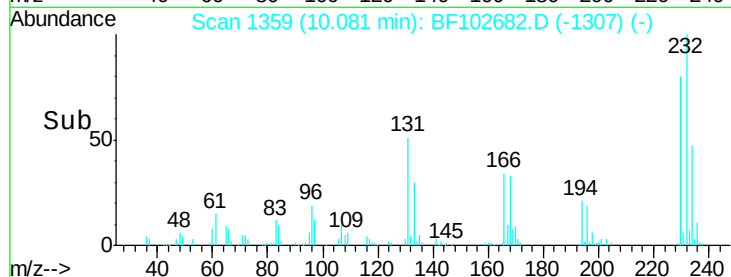
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.864 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF102682.D
 Acq: 1 Feb 2018 3:44

Instrument :
 BNA_F
 ClientSampleId :
 PB106224BS

Tot Ion:232 Resp: 95786
 Ion Ratio Lower Upper
 232 100
 131 49.9 43.8 65.8
 130 2.7 2.1 3.1
 166 32.8 27.8 41.6

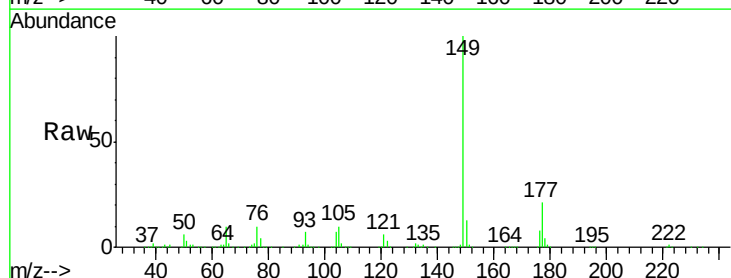


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

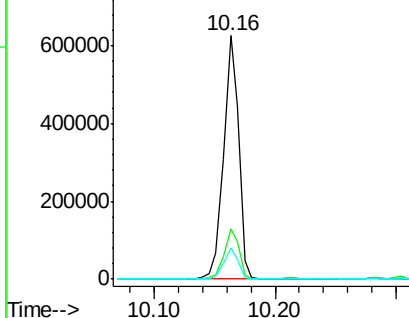
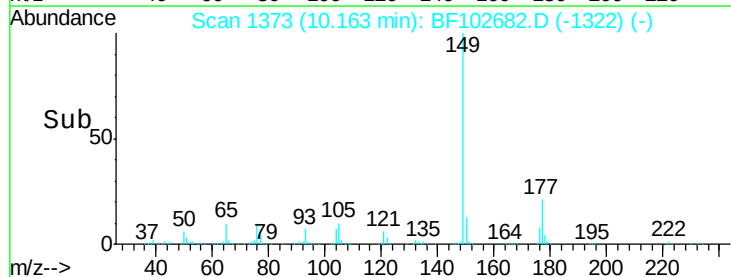


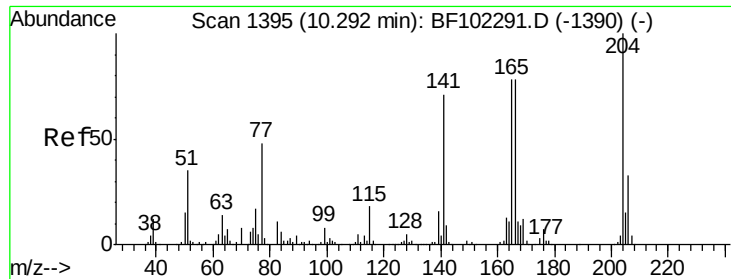
#59
 Diethylphthalate
 Concen: 34.895 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF102682.D
 Acq: 1 Feb 2018 3:44

Tgt Ion:149 Resp: 537252
 Ion Ratio Lower Upper
 149 100
 177 20.9 16.1 24.1
 150 12.6 10.1 15.1



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

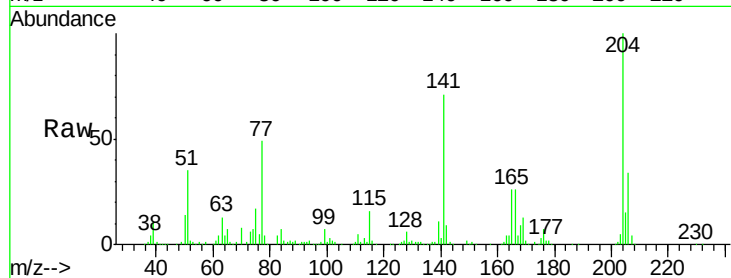




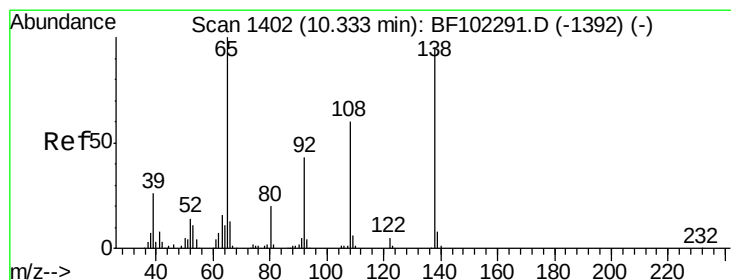
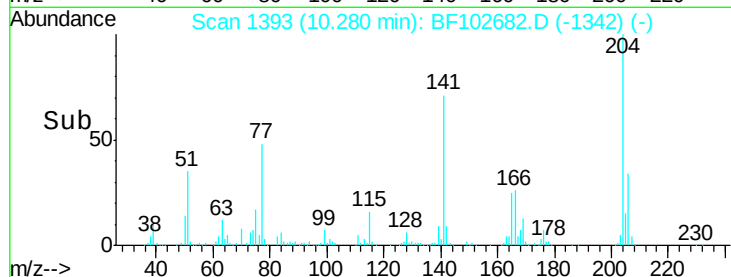
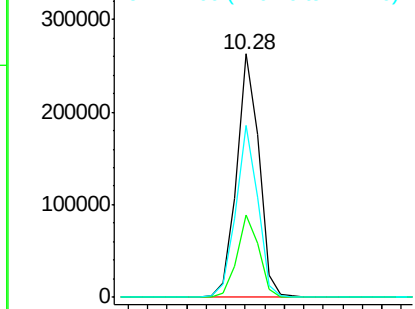
#60
4-Chlorophenyl-phenylether
Concen: 37.235 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

Instrument :
BNA_F
ClientSampleId :
PB106224BS

Tot Ion:204 Resp: 209853
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 70.8 54.6 81.8

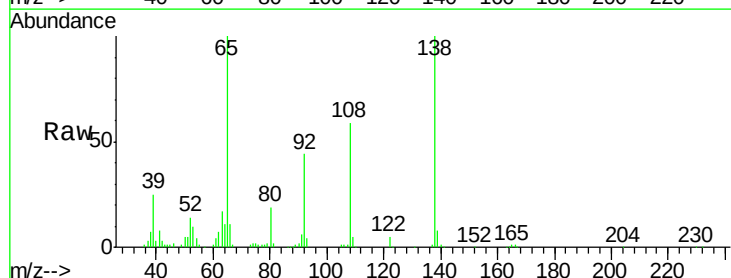


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

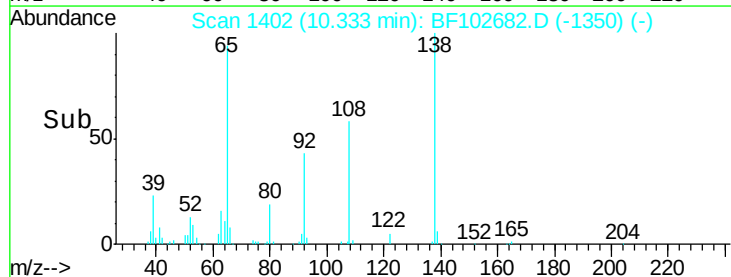
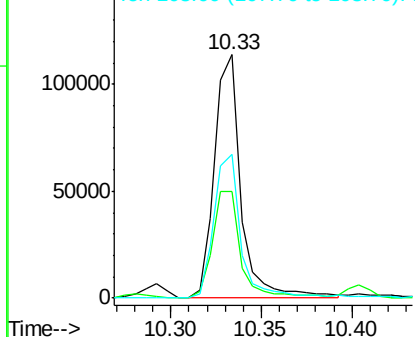


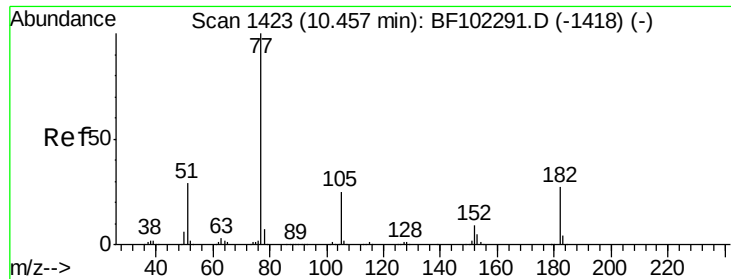
#61
4-Nitroaniline
Concen: 28.857 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

Tgt Ion:138 Resp: 116359
Ion Ratio Lower Upper
138 100
92 43.6 30.2 70.2
108 58.8 52.5 92.5



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





#62

Azobenzene

Concen: 34.146 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

Tot Ion: 77 Resp: 481324

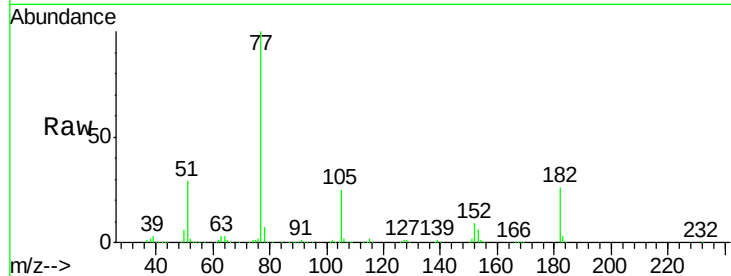
Ion Ratio Lower Upper

77 100

182 25.5 1.7 41.7

105 25.1 3.0 43.0

51 28.9 9.9 49.9

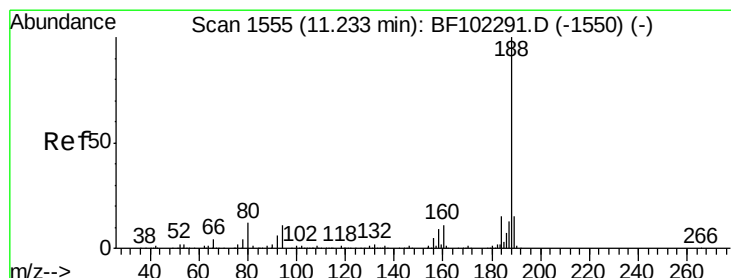
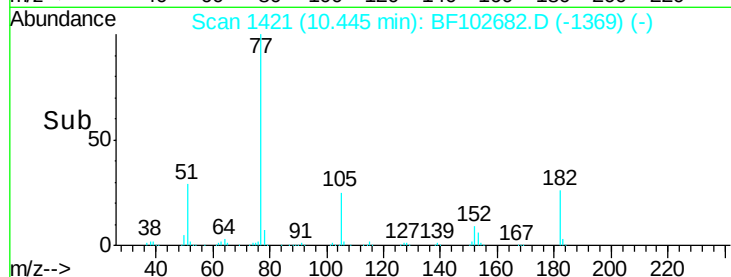
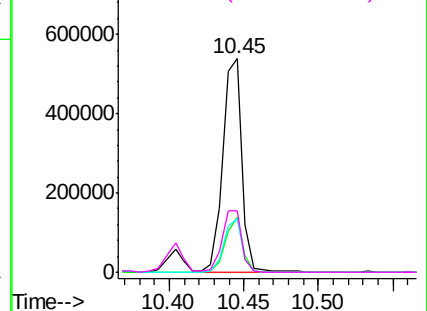


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

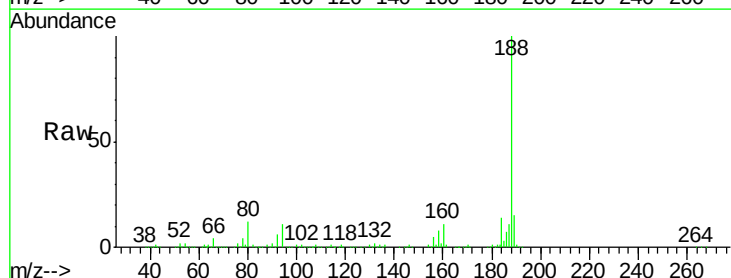
Tgt Ion: 188 Resp: 286842

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

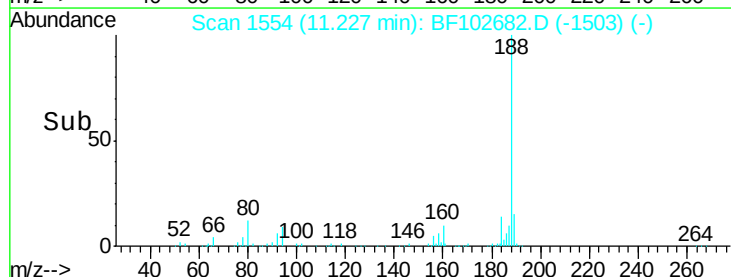
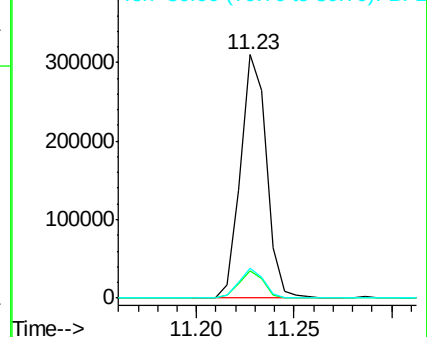
80 12.1 9.2 13.8

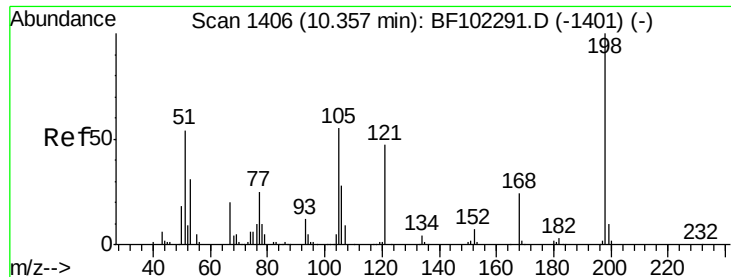


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 3.906 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

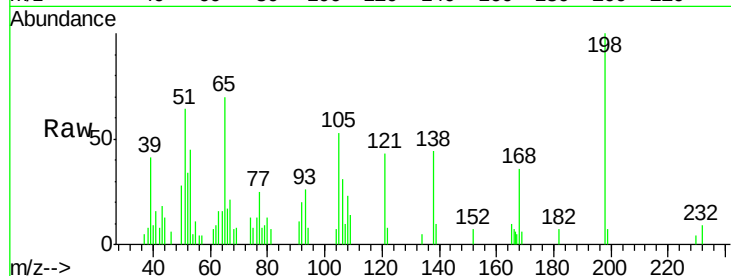
Tot Ion:198 Resp: 7475

Ion Ratio Lower Upper

198 100

51 64.3 37.7 77.7

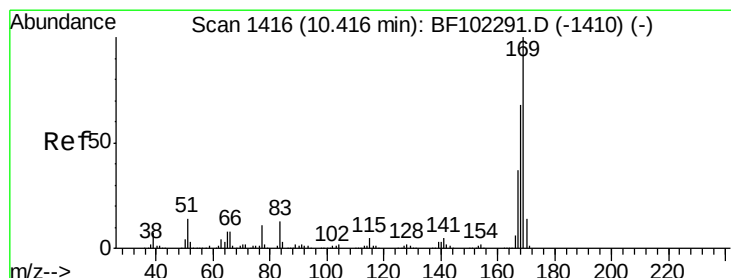
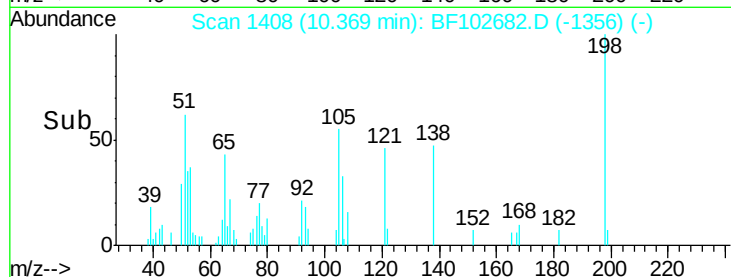
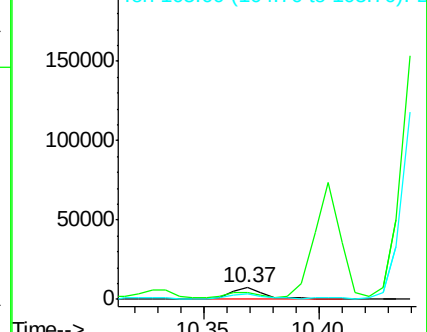
105 52.6 36.3 76.3



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: 38.856 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

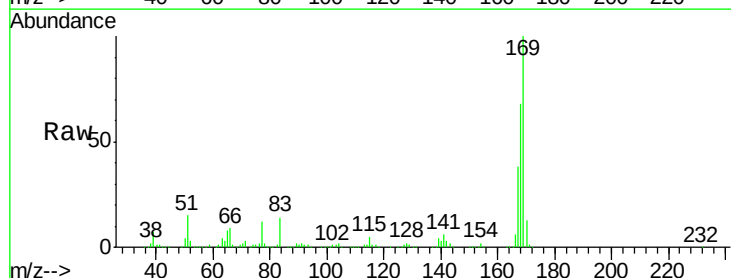
Tgt Ion:169 Resp: 409089

Ion Ratio Lower Upper

169 100

168 68.4 54.4 81.6

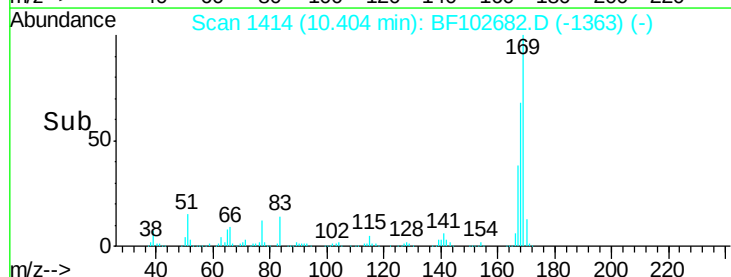
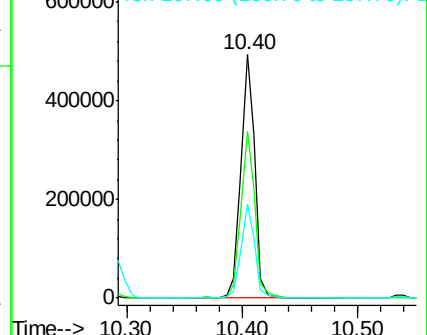
167 38.3 29.8 44.6

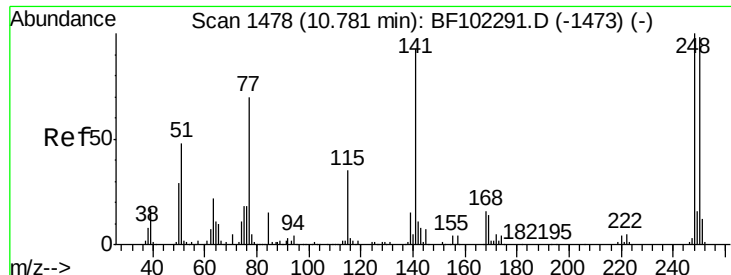


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

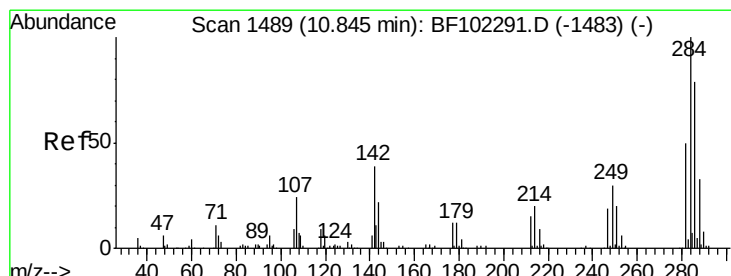
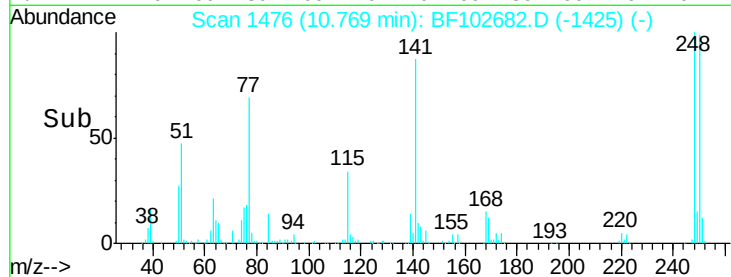
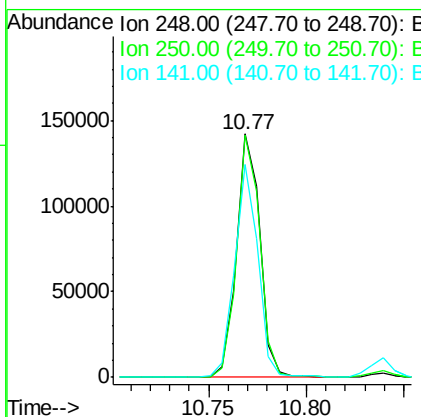
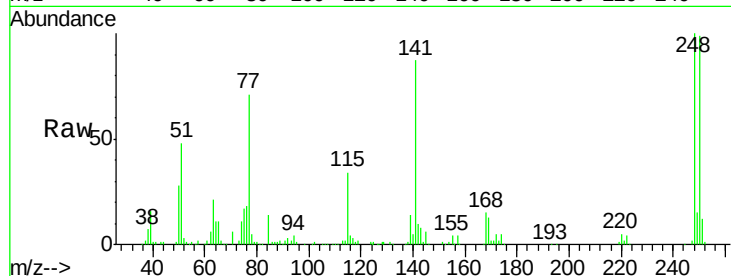




#66
 4-Bromophenyl-phenylether
 Concen: 38.480 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF102682.D
 Acq: 1 Feb 2018 3:44

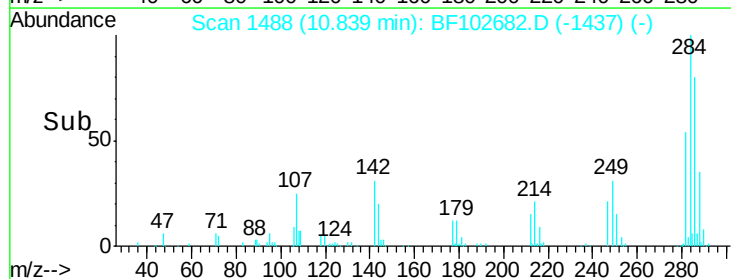
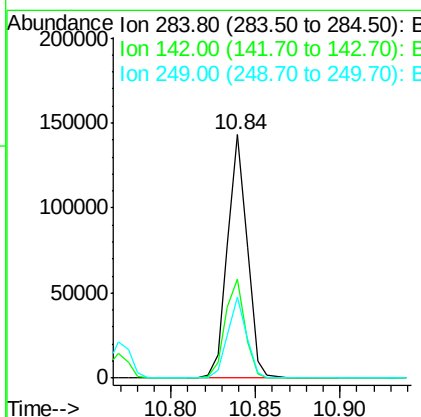
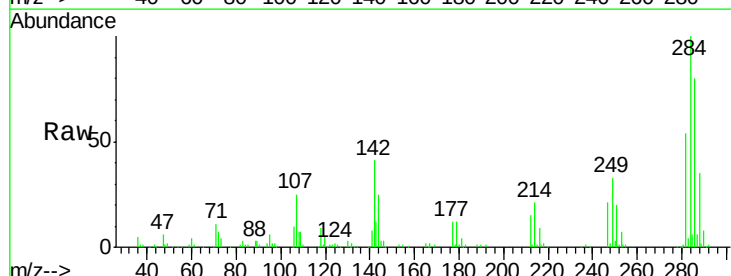
Instrument :
 BNA_F
 ClientSampleId :
 PB106224BS

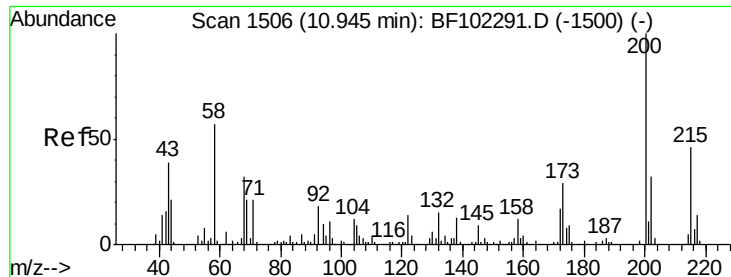
Tot Ion:248 Resp: 118821
 Ion Ratio Lower Upper
 248 100
 250 99.4 76.9 115.3
 141 87.3 74.4 111.6



#67
 Hexachlorobenzene
 Concen: 33.417 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF102682.D
 Acq: 1 Feb 2018 3:44

Tgt Ion:284 Resp: 115402
 Ion Ratio Lower Upper
 284 100
 142 40.6 34.6 52.0
 249 33.4 24.8 37.2

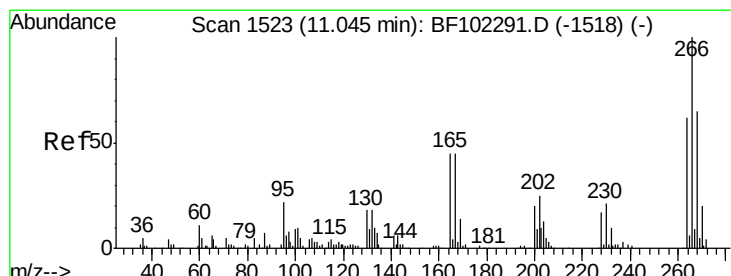
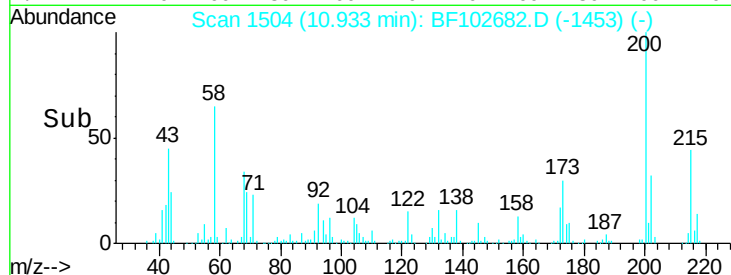
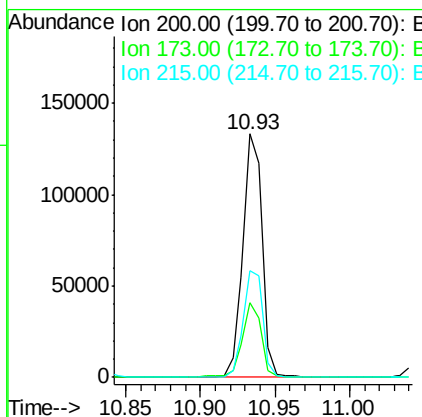
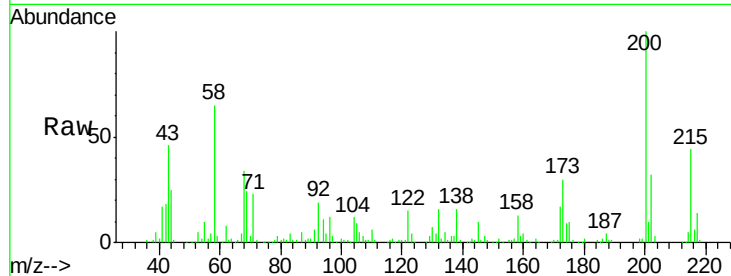




#68
Atrazine
Concen: 38.511 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

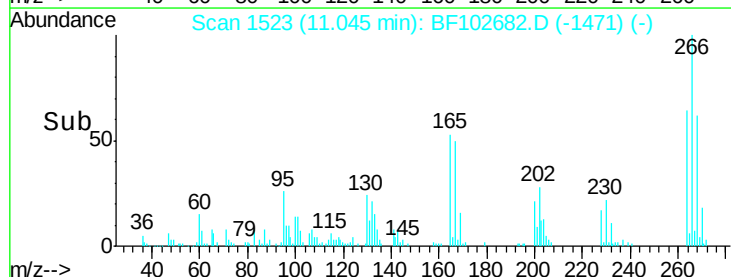
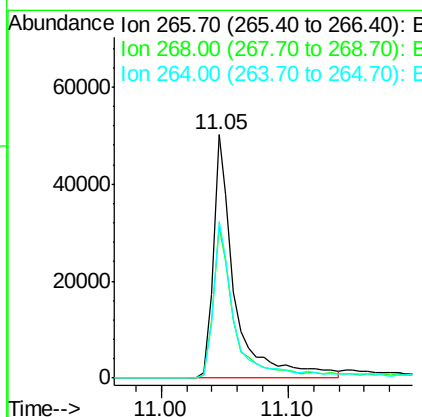
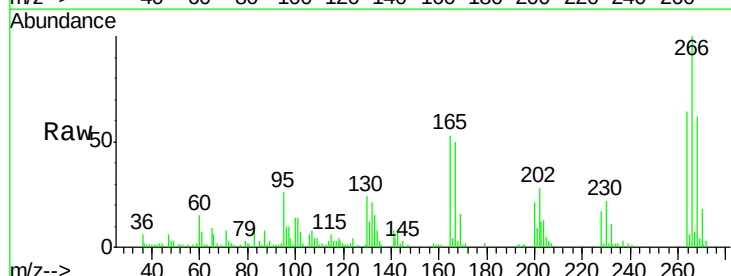
Instrument :
BNA_F
ClientSampleId :
PB106224BS

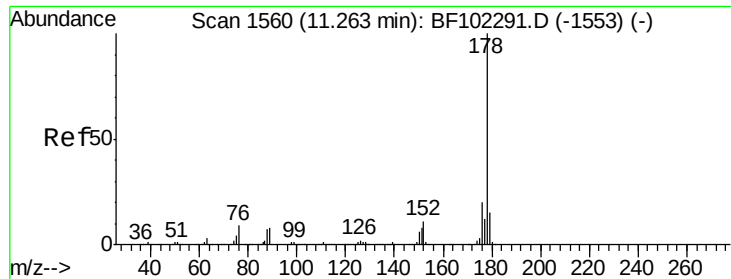
Tot Ion:200 Resp: 119749
Ion Ratio Lower Upper
200 100
173 30.4 8.6 48.6
215 43.7 25.1 65.1



#69
Pentachlorophenol
Concen: 33.045 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

Tgt Ion:266 Resp: 59948
Ion Ratio Lower Upper
266 100
268 62.1 51.1 76.7
264 64.2 49.5 74.3





#70

Phenanthrene

Concen: 37.286 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

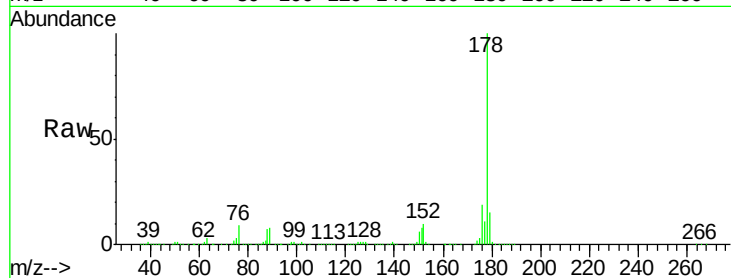
Tot Ion:178 Resp: 623236

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

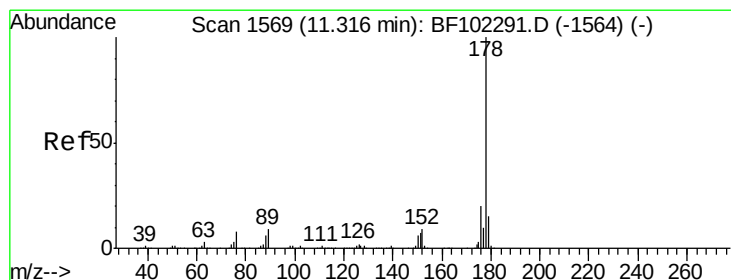
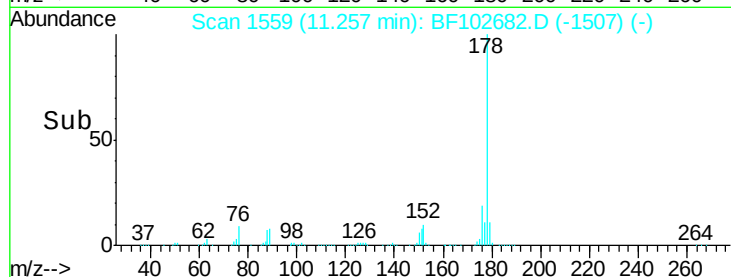
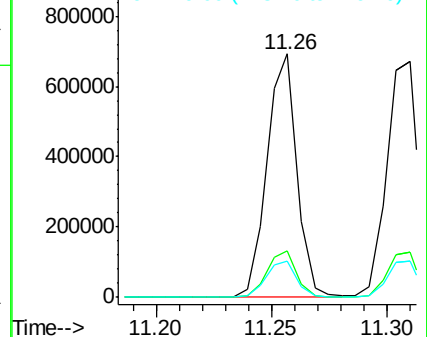
179 14.9 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 38.136 ng

RT: 11.31 min Scan# 1568

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

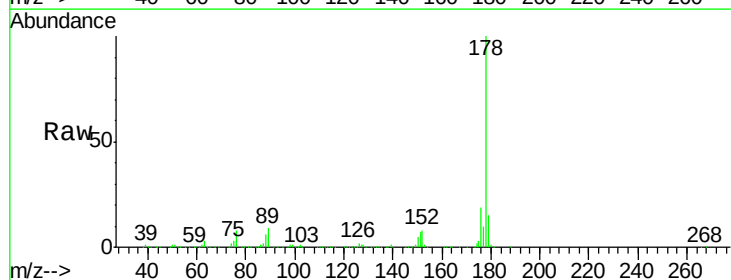
Tgt Ion:178 Resp: 650624

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

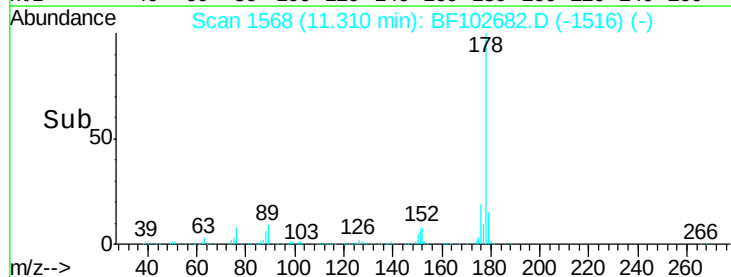
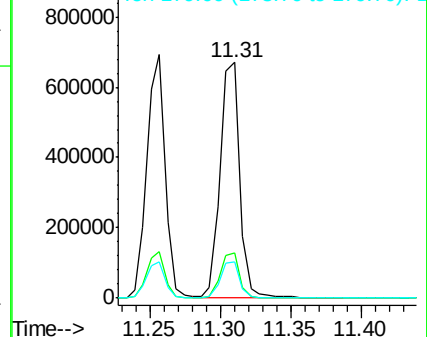
179 15.2 12.6 19.0

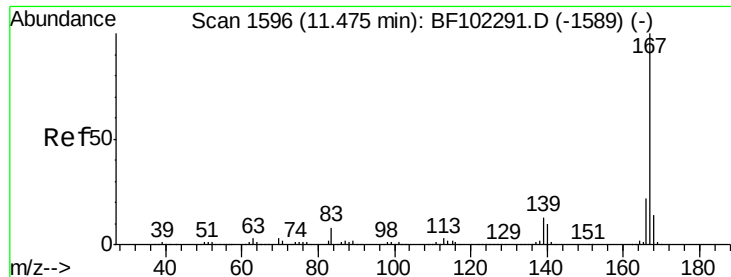


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 37.372 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

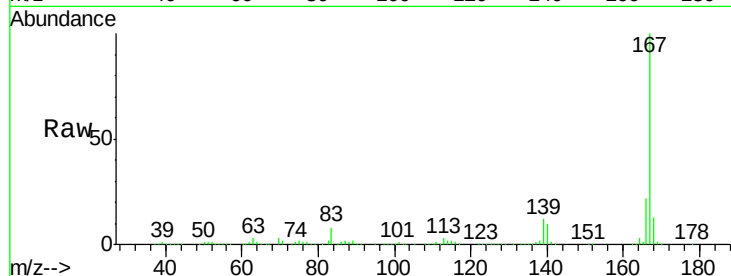
Tot Ion:167 Resp: 622033

Ion Ratio Lower Upper

167 100

166 21.6 17.6 26.4

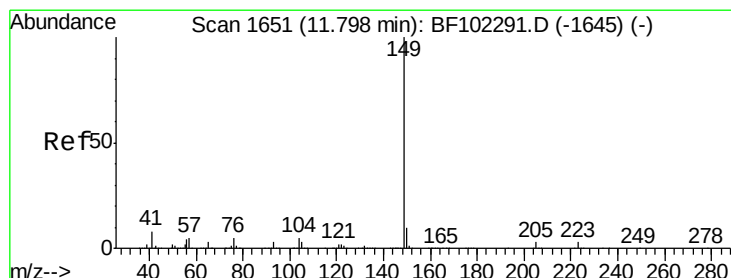
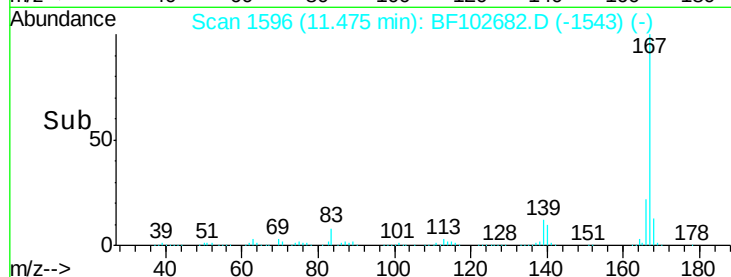
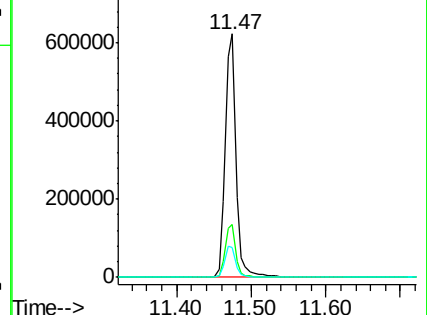
139 12.3 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 36.686 ng

RT: 11.79 min Scan# 1649

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

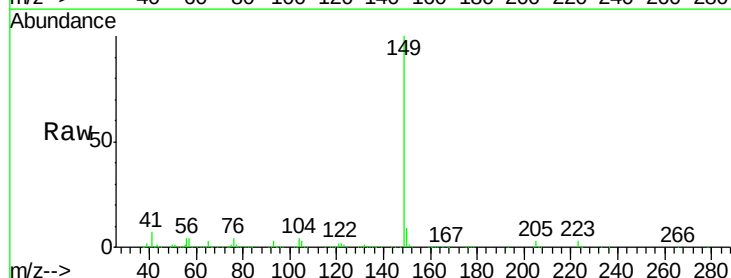
Tgt Ion:149 Resp: 763244

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

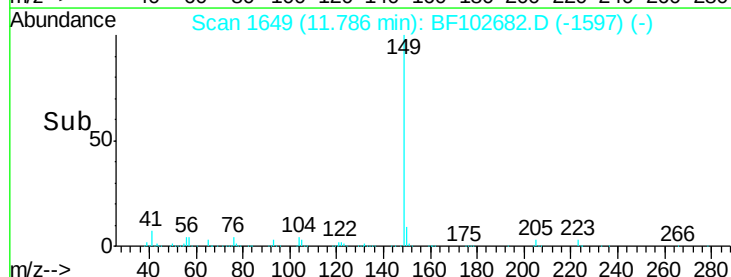
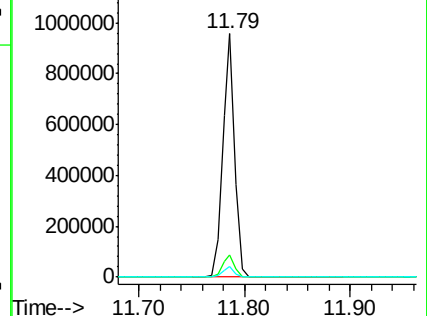
104 4.3 3.8 5.8

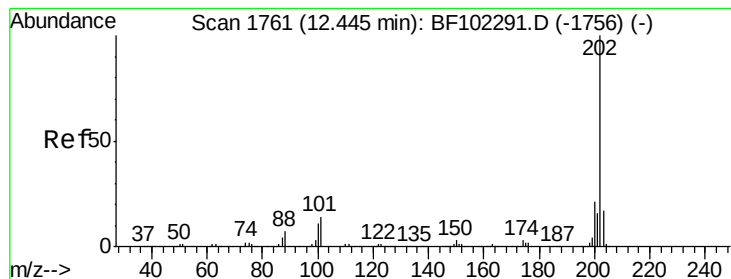


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 38.250 ng

RT: 12.45 min Scan# 1761

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

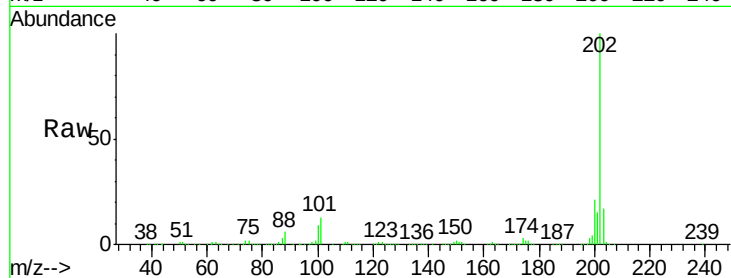
Tot Ion:202 Resp: 651979

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

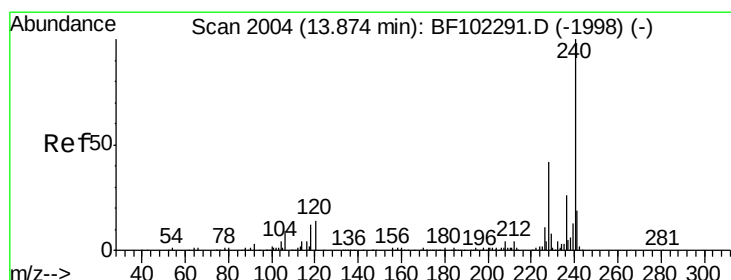
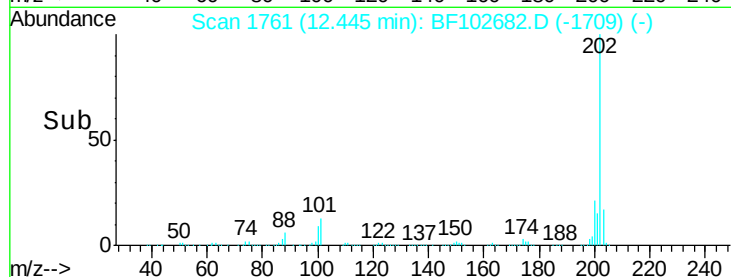
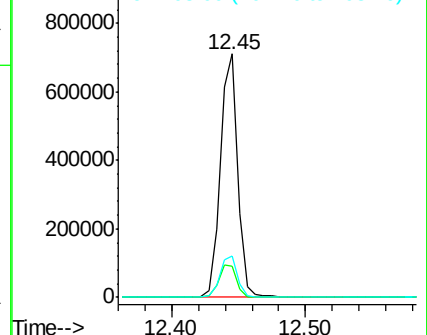
203 17.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

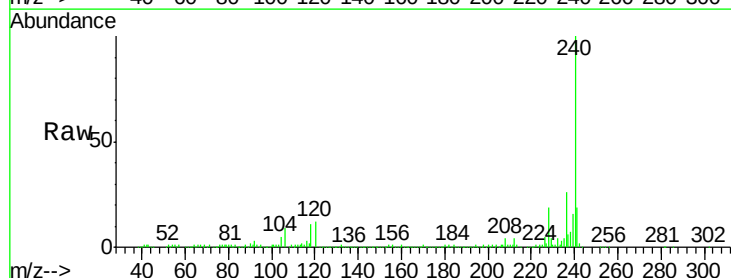
Tgt Ion:240 Resp: 257992

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

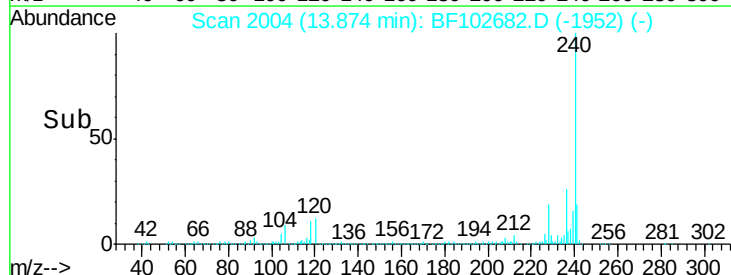
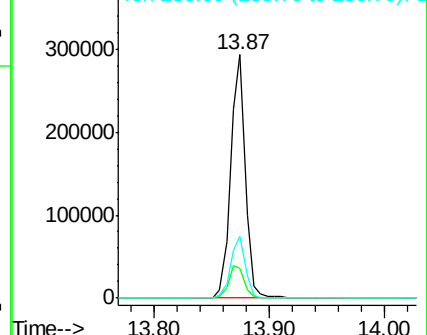
236 25.6 20.7 31.1

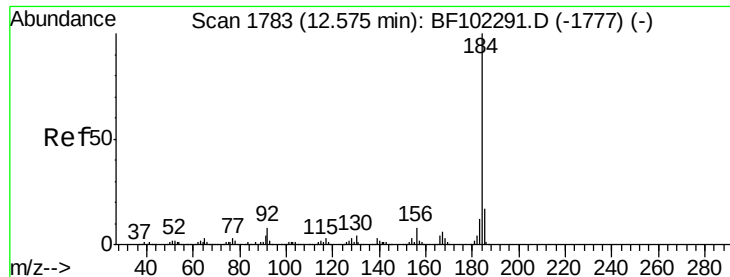


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

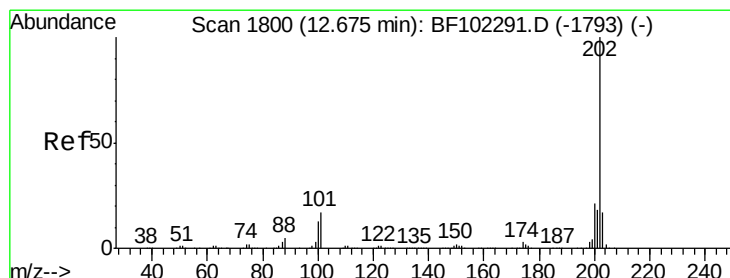
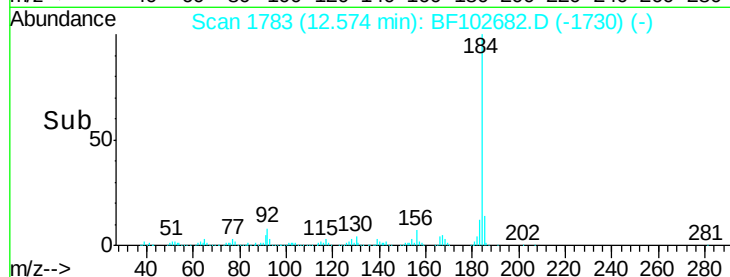
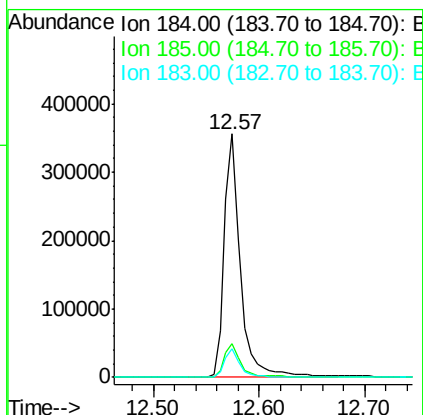
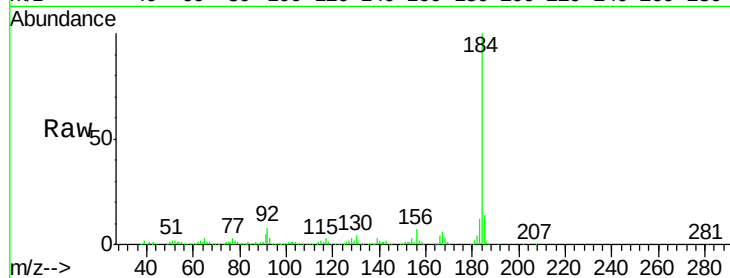




#76
Benzidine
Concen: 44.250 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

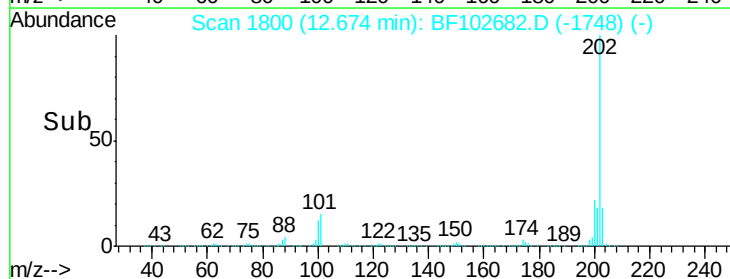
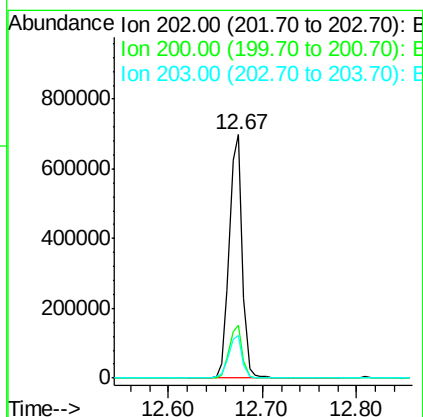
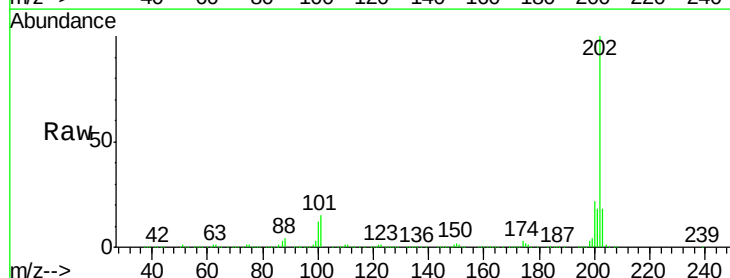
Instrument :
BNA_F
ClientSampleId :
PB106224BS

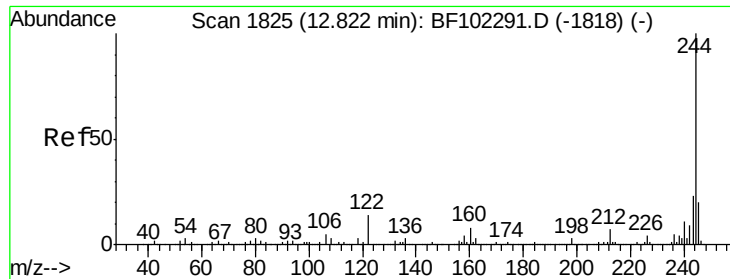
Tot Ion:184 Resp: 383510
Ion Ratio Lower Upper
184 100
185 13.7 12.6 18.8
183 11.8 9.3 13.9



#77
Pyrene
Concen: 33.555 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

Tgt Ion:202 Resp: 669327
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.6 14.3 21.5

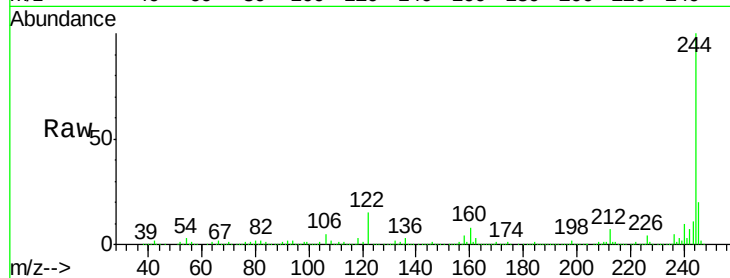




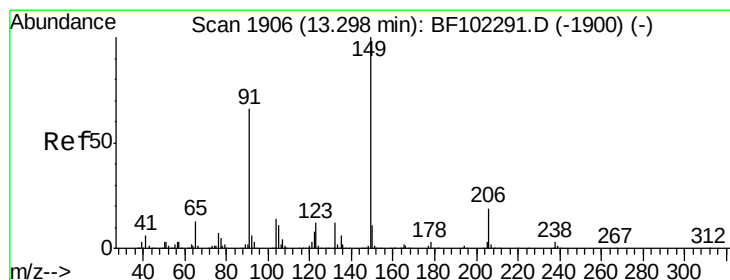
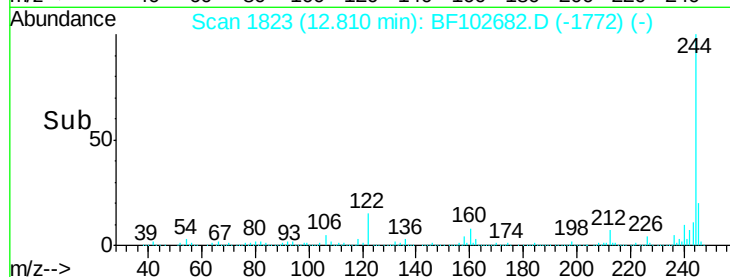
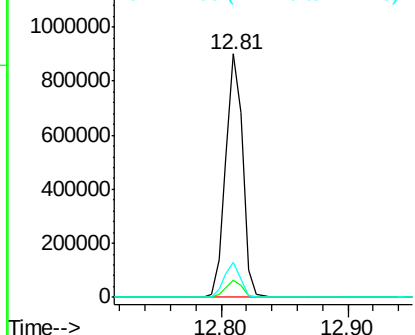
#78
 Terphenyl-d14
 Concen: 73.566 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BF102682.D
 Acq: 1 Feb 2018 3:44

Instrument :
 BNA_F
 ClientSampleID :
 PB106224BS

Tot Ion:244 Resp: 841899
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.6 11.0 16.4

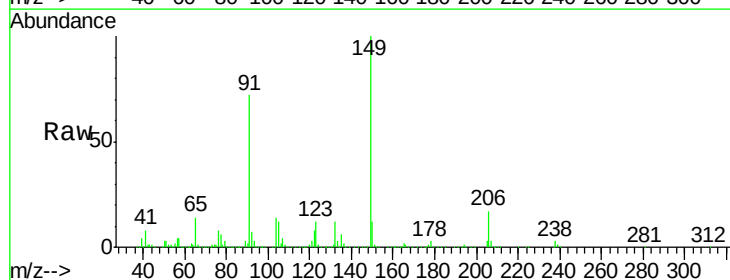


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

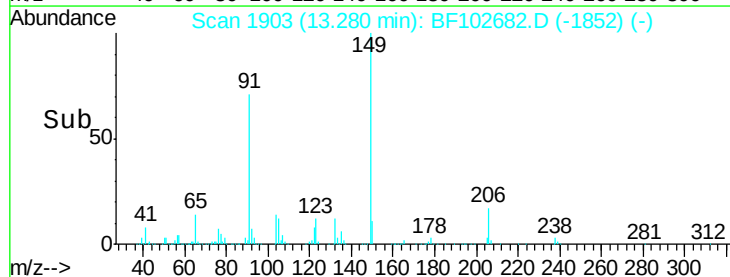
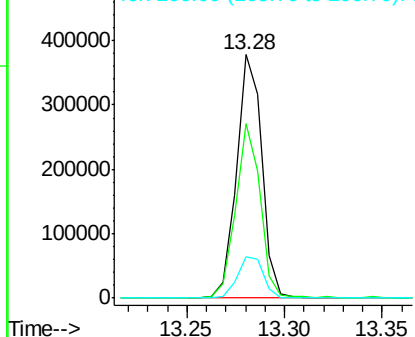


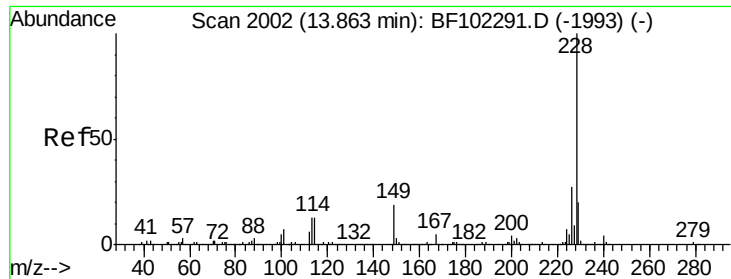
#79
 Butylbenzylphthalate
 Concen: 33.905 ng
 RT: 13.28 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: BF102682.D
 Acq: 1 Feb 2018 3:44

Tgt Ion:149 Resp: 336570
 Ion Ratio Lower Upper
 149 100
 91 71.9 56.8 85.2
 206 17.1 14.1 21.1



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





#80

Benzo(a)anthracene

Concen: 37.748 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

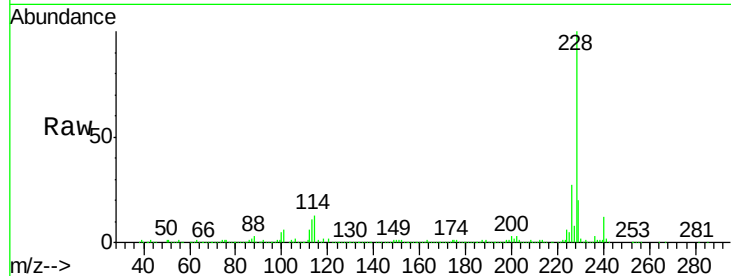
Tot Ion:228 Resp: 599584

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

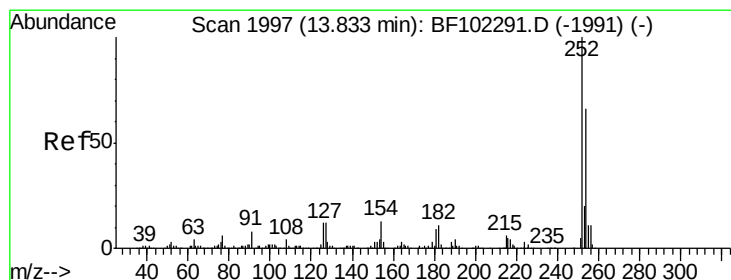
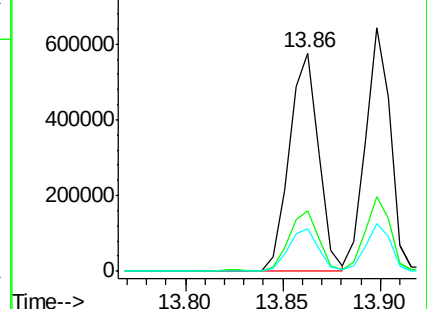
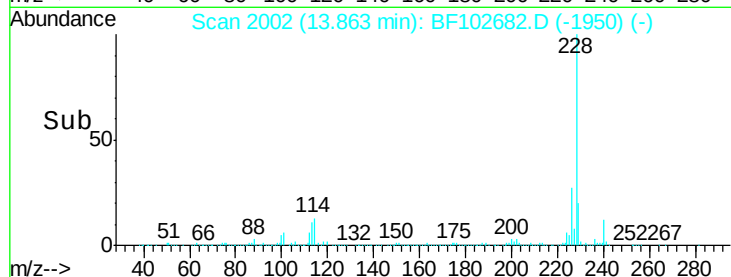
229 19.6 15.8 23.6



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: 34.315 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

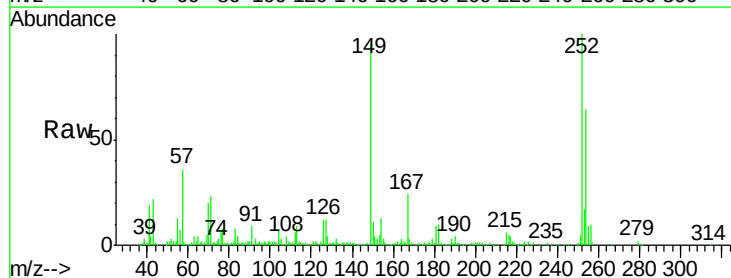
Tgt Ion:252 Resp: 199943

Ion Ratio Lower Upper

252 100

254 64.1 50.4 75.6

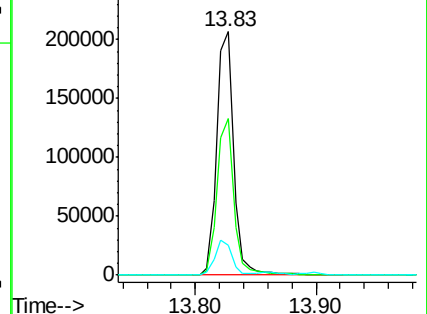
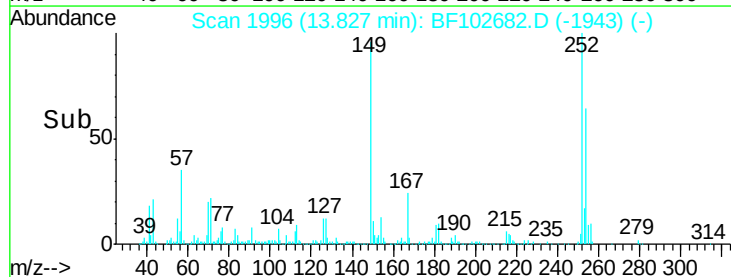
126 12.2 11.3 16.9

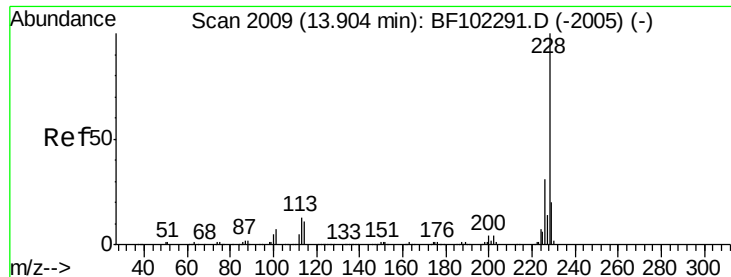


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 35.394 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

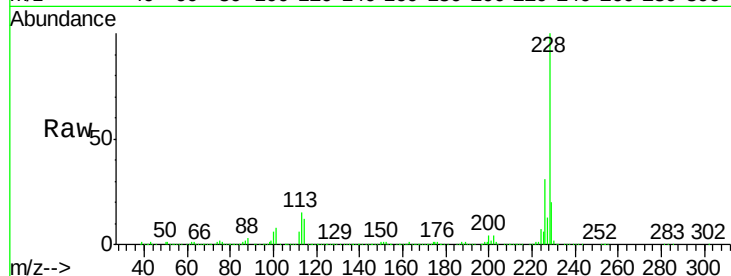
Tot Ion:228 Resp: 570894

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

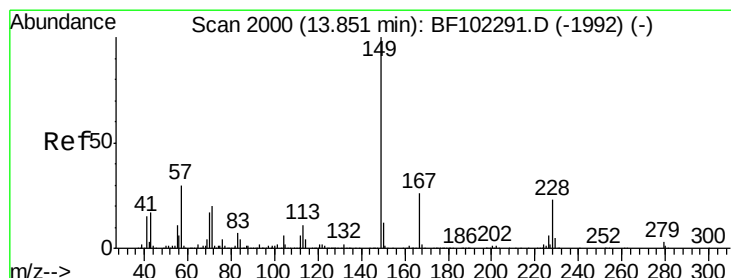
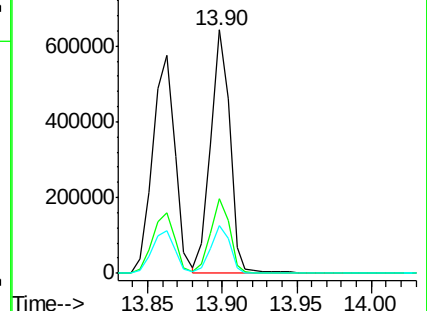
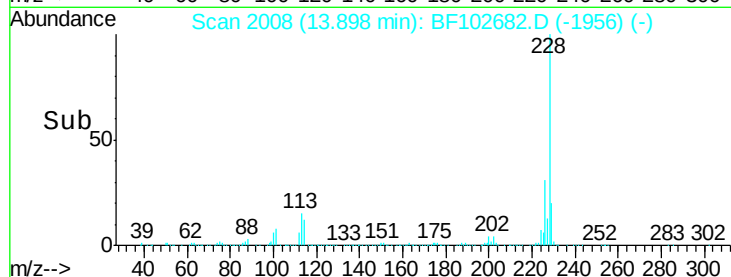
229 19.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 34.461 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

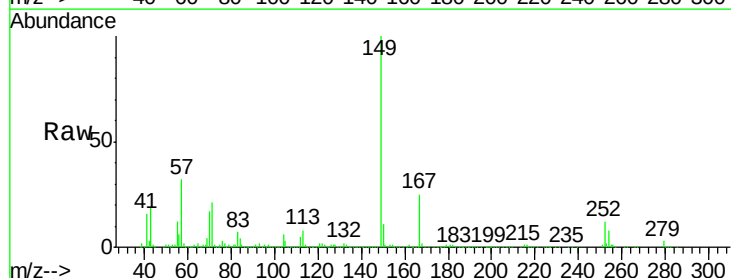
Tgt Ion:149 Resp: 459718

Ion Ratio Lower Upper

149 100

167 25.4 21.3 31.9

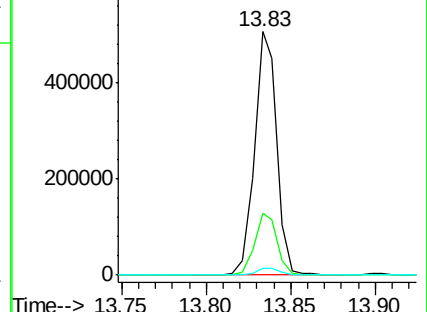
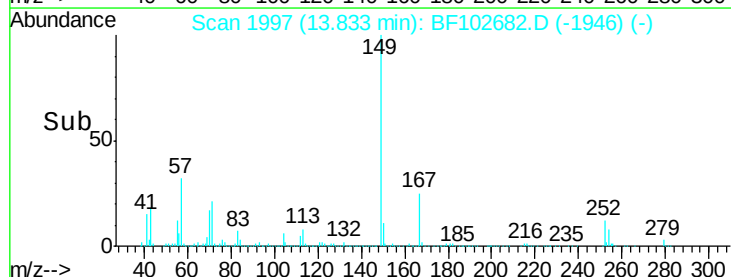
279 2.6 3.0 4.4#

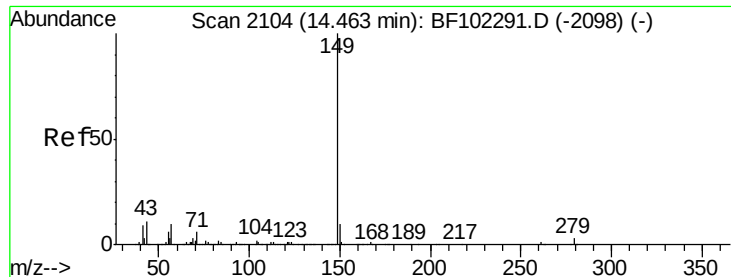


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

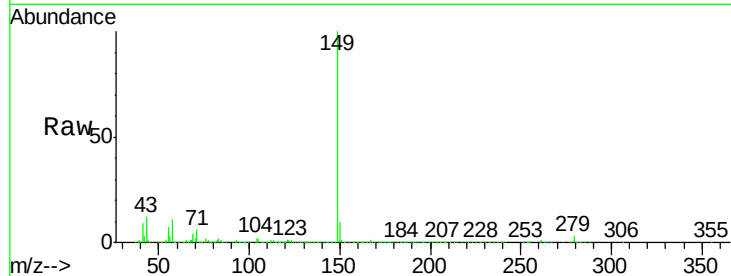




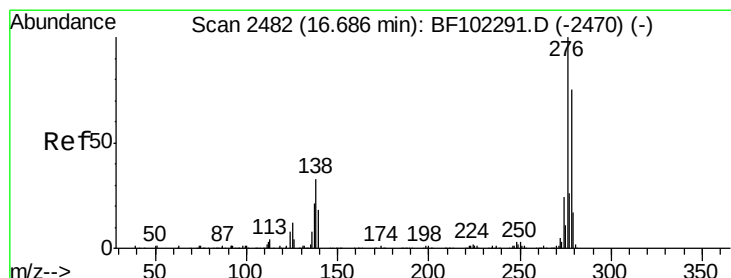
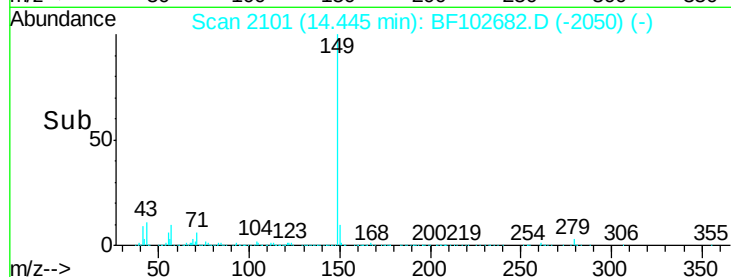
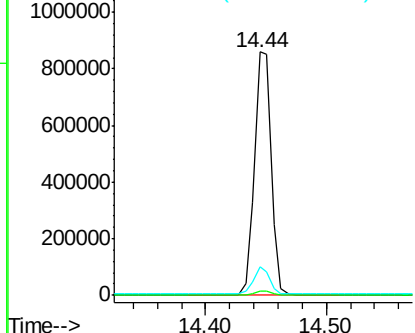
#84
Di-n-octyl phthalate
Concen: 38.609 ng
RT: 14.44 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

Instrument :
BNA_F
ClientSampleId :
PB106224BS

Tot Ion:149 Resp: 837617
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.5 8.4 12.6

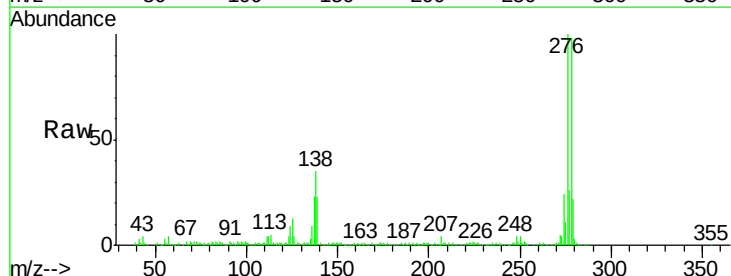


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

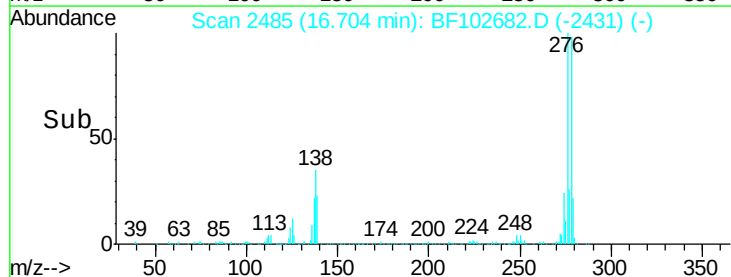
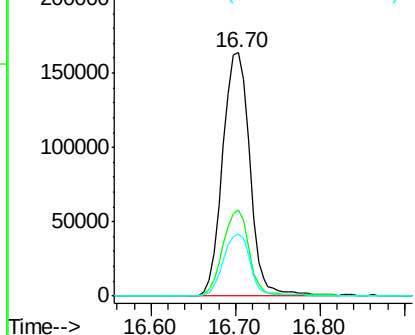


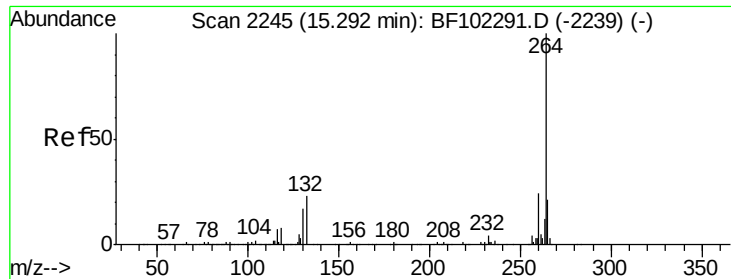
#85
Indeno(1,2,3-cd)pyrene
Concen: 27.574 ng
RT: 16.70 min Scan# 2485
Delta R.T. 0.02 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

Tgt Ion:276 Resp: 367313
Ion Ratio Lower Upper
276 100
138 34.2 25.0 37.6
277 25.5 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

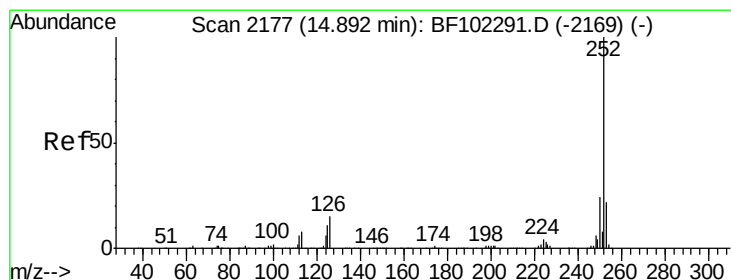
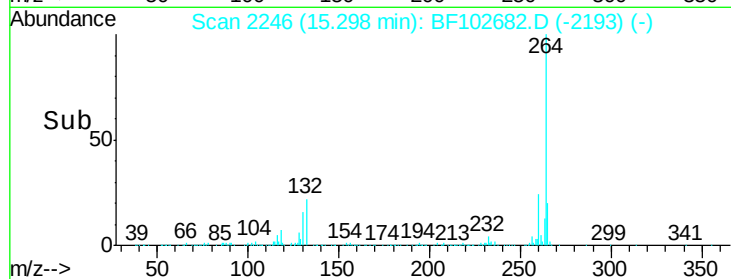
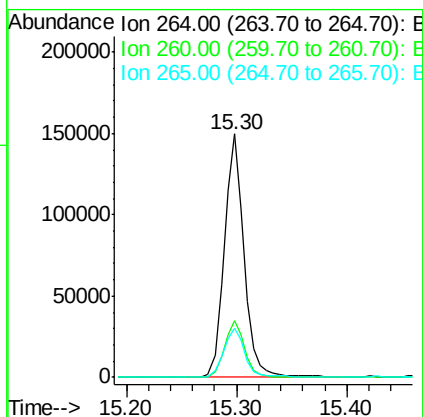
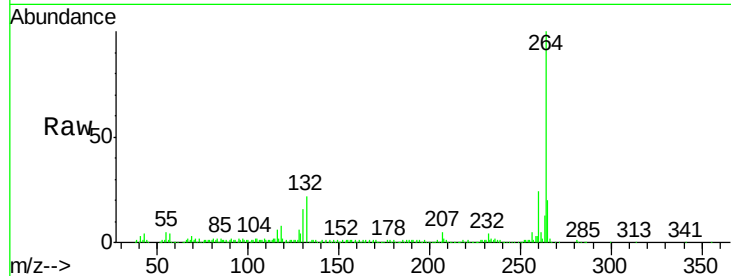




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

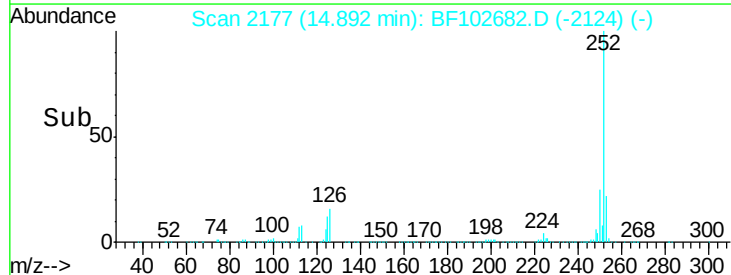
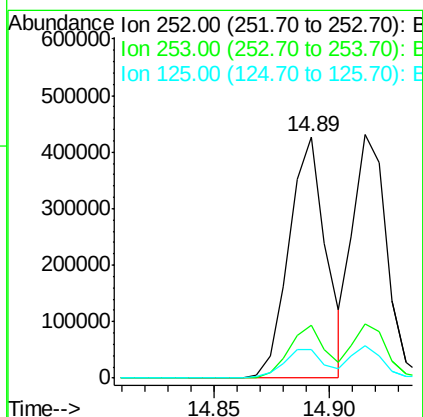
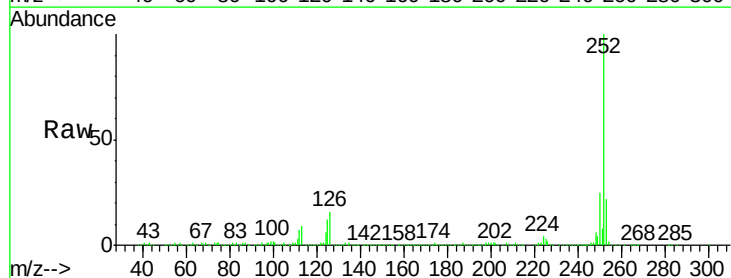
Instrument :
BNA_F
ClientSampleId :
PB106224BS

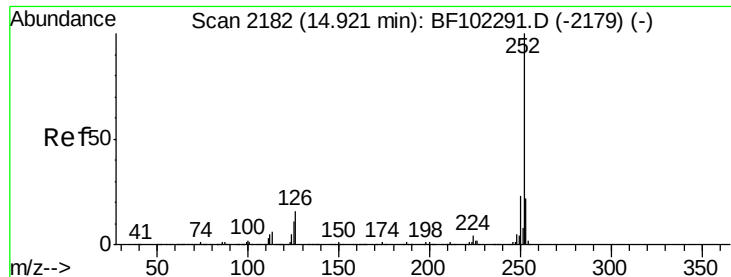
Tot Ion:264 Resp: 187059
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 20.4 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 39.093 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BF102682.D
Acq: 1 Feb 2018 3:44

Tgt Ion:252 Resp: 473972
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 12.0 9.0 13.6





#88

Benzo(k)fluoranthene

Concen: 38.449 ng

RT: 14.92 min Scan# 2181

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

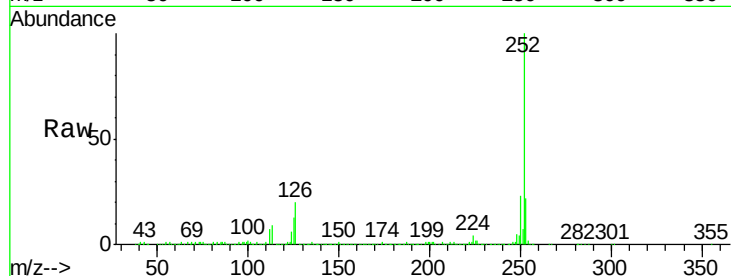
Tot Ion:252 Resp: 440417

Ion Ratio Lower Upper

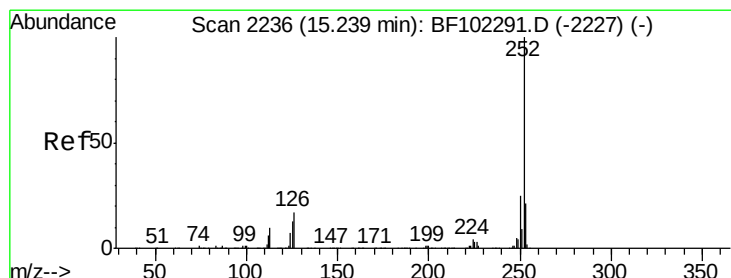
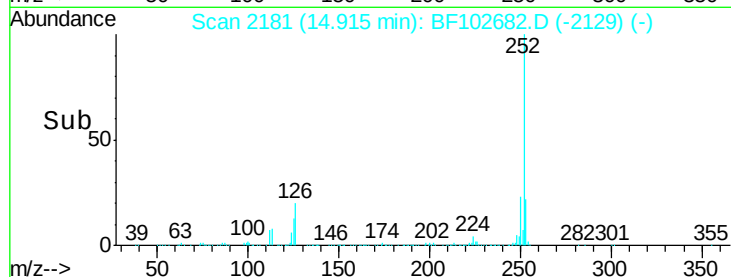
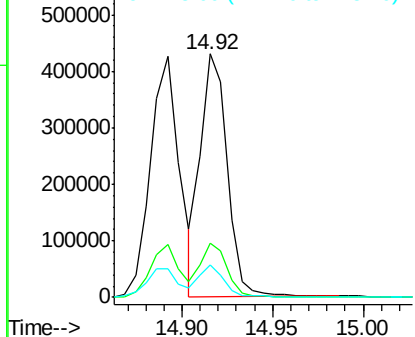
252 100

253 22.3 17.9 26.9

125 13.1 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: 37.548 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.01 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

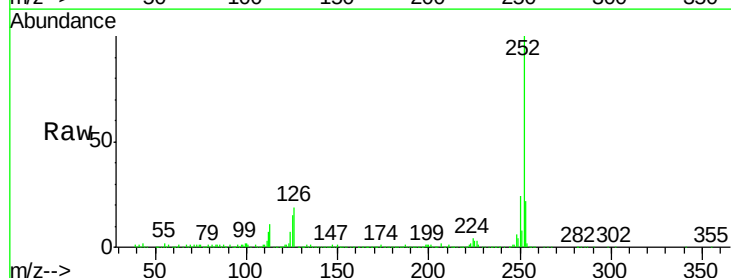
Tgt Ion:252 Resp: 410582

Ion Ratio Lower Upper

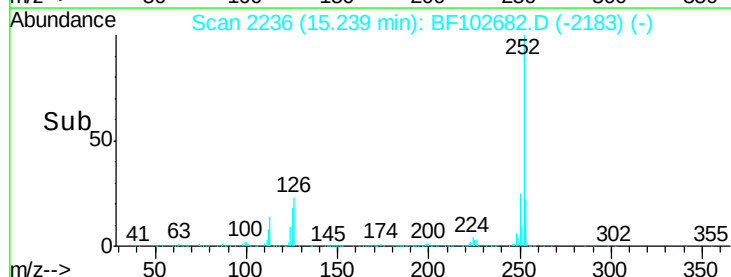
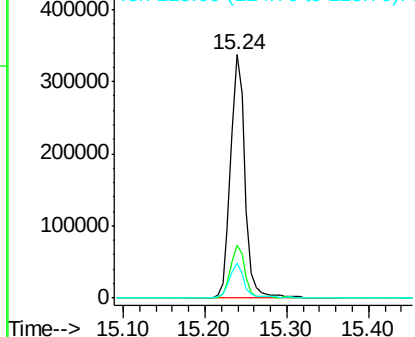
252 100

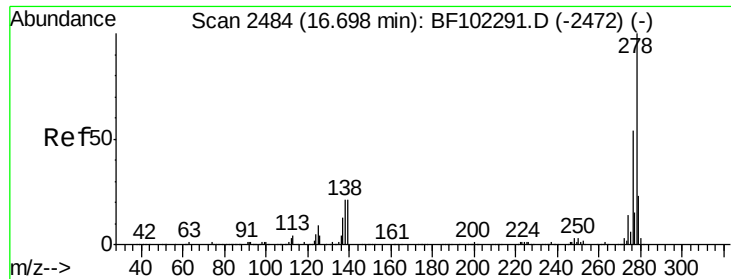
253 21.9 17.1 25.7

125 14.6 9.8 14.6



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





#90

Dibenzo(a,h)anthracene

Concen: 34.994 ng

RT: 16.71 min Scan# 2486

Delta R.T. 0.02 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

Instrument :

BNA_F

ClientSampleId :

PB106224BS

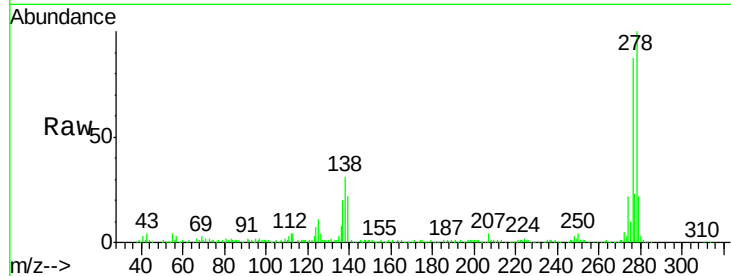
Tot Ion:278 Resp: 309964

Ion Ratio Lower Upper

278 100

139 21.7 15.9 23.9

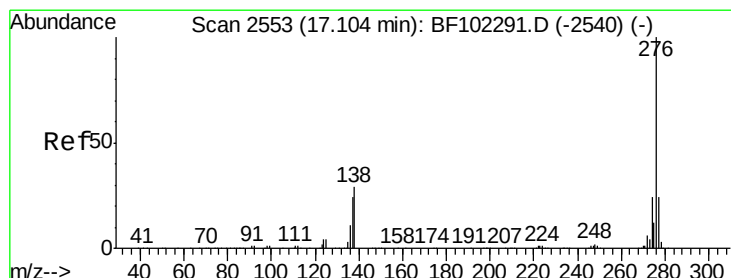
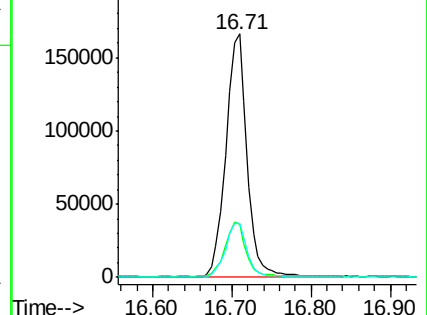
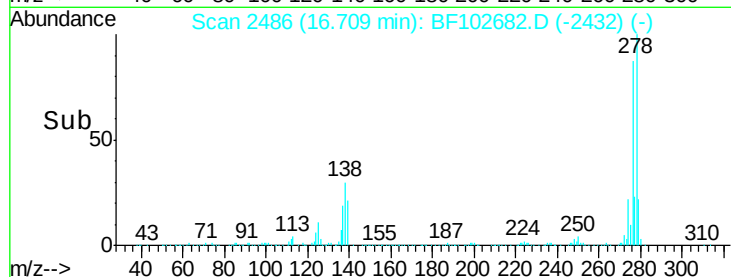
279 22.2 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 34.875 ng

RT: 17.12 min Scan# 2556

Delta R.T. 0.02 min

Lab File: BF102682.D

Acq: 1 Feb 2018 3:44

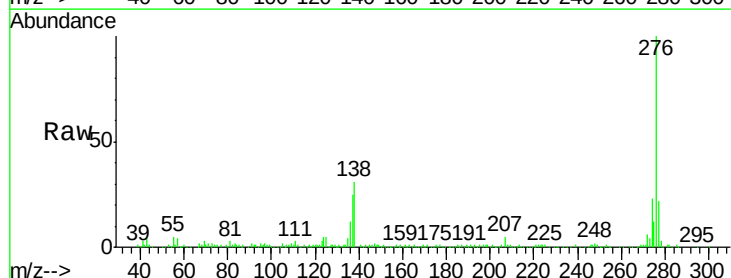
Tgt Ion:276 Resp: 305012

Ion Ratio Lower Upper

276 100

277 22.5 17.9 26.9

138 31.0 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

