

Data Path : U:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102560.D
 Acq On : 28 Jan 2018 16:33
 Operator : SJ/JU
 Sample : J1344-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 29 03:15:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	145026	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	614049	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	278046	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	471439	20.00	ng	0.00
75) Chrysene-d12	13.88	240	297489	20.00	ng	0.00
86) Perylene-d12	15.30	264	235425	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1271803	132.97	ng	0.01
7) Phenol-d6	6.37	99	1557023	135.03	ng	0.00
23) Nitrobenzene-d5	7.29	82	981219	91.83	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	307086	111.46	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1495618	79.09	ng	0.00
78) Terphenyl-d14	12.82	244	1329759	100.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	195722	43.068	ng	96
3) Pyridine	3.13	79	536774	45.198	ng	99
4) n-Nitrosodimethylamine	3.09	42	257144	55.230	ng	97
6) Aniline	6.39	93	359443	23.567	ng	# 44
8) 2-Chlorophenol	6.50	128	504167	50.284	ng	99
9) Benzaldehyde	6.26	77	245186	37.507	ng	96
10) Phenol	6.38	94	623554	49.532	ng	84
11) bis(2-Chloroethyl)ether	6.46	93	488617	51.032	ng	97
12) 1,3-Dichlorobenzene	6.65	146	527626	44.248	ng	99
13) 1,4-Dichlorobenzene	6.73	146	538511	45.083	ng	99
14) 1,2-Dichlorobenzene	6.88	146	487711	44.638	ng	98
15) Benzyl Alcohol	6.86	79	383264	47.107	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	752771	46.877	ng	79
17) 2-Methylphenol	6.98	107	419367	48.160	ng	# 93
18) Hexachloroethane	7.22	117	188117	45.195	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	336793	47.726	ng	99
20) 3+4-Methylphenols	7.14	107	514839	50.271	ng	89
22) Acetophenone	7.13	105	692007	47.275	ng	96
24) Nitrobenzene	7.30	77	522180	47.753	ng	98
25) Isophorone	7.54	82	985802	51.750	ng	99
26) 2-Nitrophenol	7.62	139	297156	51.633	ng	98
27) 2,4-Dimethylphenol	7.66	122	466137	55.779	ng	96
28) bis(2-Chloroethoxy)methane	7.75	93	627377	53.315	ng	100
29) 2,4-Dichlorophenol	7.86	162	428460	50.333	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	390278	42.770	ng	98
31) Naphthalene	8.02	128	1381119	45.048	ng	100
32) Benzoic acid	7.77	122	72515	10.357	ng	98
33) 4-Chloroaniline	8.07	127	143363	11.120	ng	98
34) Hexachlorobutadiene	8.13	225	201648	41.375	ng	100
35) Caprolactam	8.46	113	82982	29.517	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	470831	52.473	ng	99
37) 2-Methylnaphthalene	8.71	142	929540	45.526	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	359453	42.970	ng	98
40) Hexachlorocyclopentadiene	8.86	237	232333	62.060	ng	98

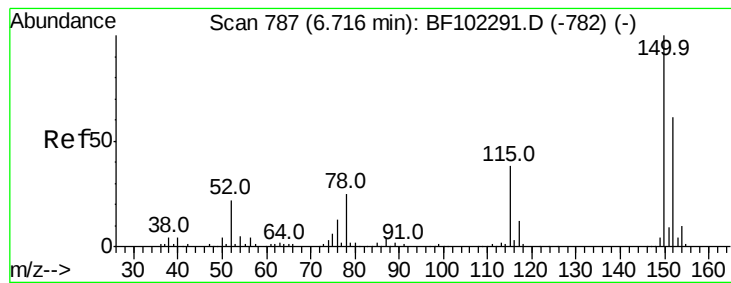
Data Path : U:\HPCHEM1\BNA F\DATA\BF012818\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	267067	47.691	nq	98
43) 2,4,5-Trichlorophenol	9.04	196	282065	44.736	nq	98
45) 1,1'-Biphenyl	9.17	154	1057759	42.545	nq	99
46) 2-Chloronaphthalene	9.20	162	828604	42.878	nq	100
47) 2-Nitroaniline	9.30	65	302476	50.205	nq	96
48) Acenaphthylene	9.62	152	1250143	41.524	nq	100
49) Dimethylphthalate	9.48	163	1221436	53.147	nq	100
50) 2,6-Dinitrotoluene	9.55	165	231380	46.696	nq	90
51) Acenaphthene	9.79	154	744087	42.318	nq	99
52) 3-Nitroaniline	9.72	138	137054	23.381	nq	94
53) 2,4-Dinitrophenol	9.83	184	81896	38.831	nq	# 21
54) Dibenzofuran	9.96	168	1058862	44.496	nq	97
55) 4-Nitrophenol	9.90	139	304962	78.816	nq	92
56) 2,4-Dinitrotoluene	9.96	165	270244	44.351	nq	# 88
57) Fluorene	10.30	166	841897	44.648	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	216910	48.182	nq	98
59) Diethylphthalate	10.17	149	975280	43.670	nq	99
60) 4-Chlorophenyl-phenylether	10.29	204	369027	45.139	nq	98
61) 4-Nitroaniline	10.34	138	245259	41.931	nq	89
62) Azobenzene	10.45	77	927536	45.362	nq	98
64) 4,6-Dinitro-2-methylphenol	10.37	198	123248	39.185	nq	86
65) n-Nitrosodiphenylamine	10.42	169	790646	45.692	nq	100
66) 4-Bromophenyl-phenylether	10.78	248	231798	45.674	nq	96
67) Hexachlorobenzene	10.84	284	230657	40.639	nq	98
68) Atrazine	10.94	200	257392	50.365	nq	98
69) Pentachlorophenol	11.05	266	215901	72.411	nq	99
70) Phenanthrene	11.26	178	1224902	44.588	nq	99
71) Anthracene	11.32	178	1247884	44.503	nq	100
72) Carbazole	11.47	167	1224230	44.753	nq	99
73) Di-n-butylphthalate	11.80	149	1462381	42.768	nq	99
74) Fluoranthene	12.45	202	1204961	43.012	nq	99
76) Benzidine	12.57	184	428371	42.864	nq	98
77) Pyrene	12.68	202	1195753	51.987	nq	100
79) Butylbenzylphthalate	13.29	149	596927	52.150	nq	99
80) Benzo(a)anthracene	13.87	228	886025	48.376	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	157800	23.487	nq	99
82) Chrysene	13.90	228	829470	44.597	nq	100
83) Bis(2-ethylhexyl)phthalate	13.84	149	797908	51.870	nq	# 99
84) Di-n-octyl phthalate	14.46	149	1151601	46.034	nq	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	756320	49.238	nq	97
87) Benzo(b)fluoranthene	14.90	252	719768	47.170	nq	98
88) Benzo(k)fluoranthene	14.92	252	614029	42.592	nq	99
89) Benzo(a)pyrene	15.24	252	642193	46.664	nq	# 97
90) Dibenzo(a,h)anthracene	16.72	278	621751	55.773	nq	97
91) Benzo(g,h,i)perylene	17.13	276	666176	60.521	nq	99

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

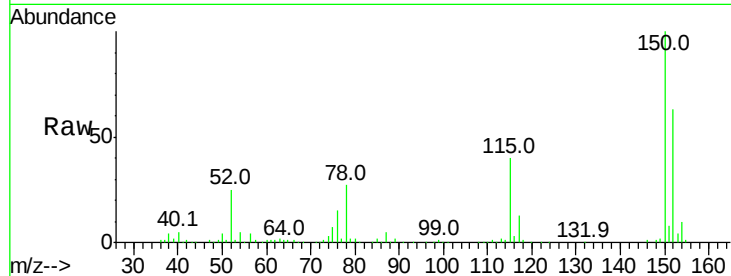


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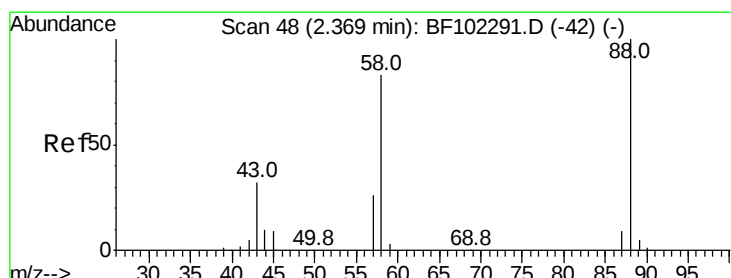
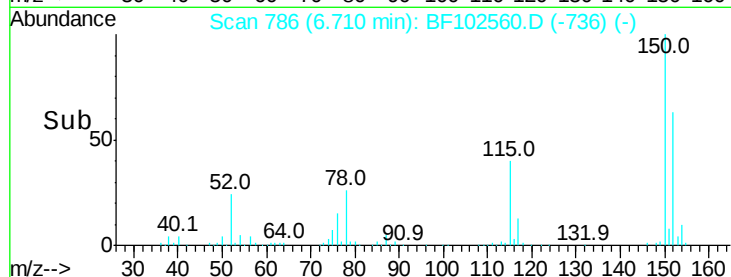
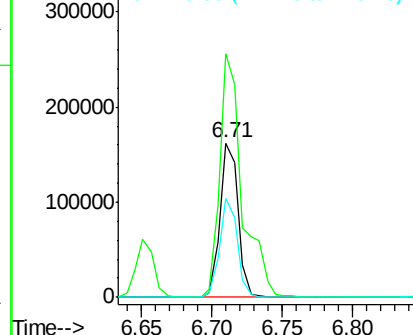
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145026
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 63.8 50.1 75.1



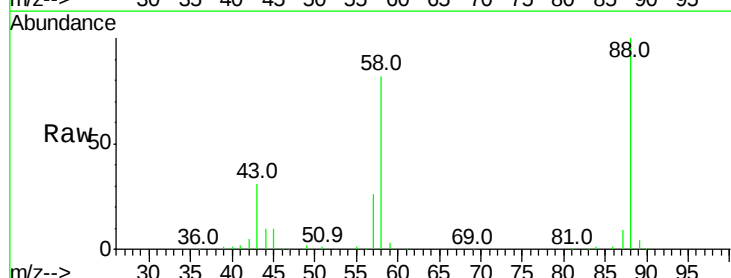
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



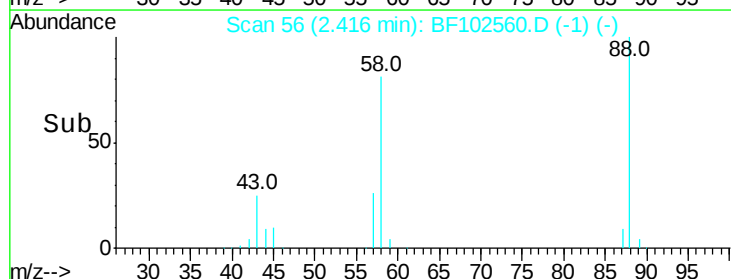
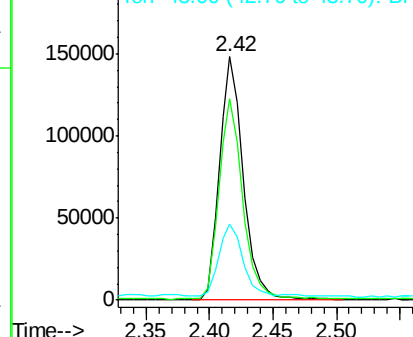
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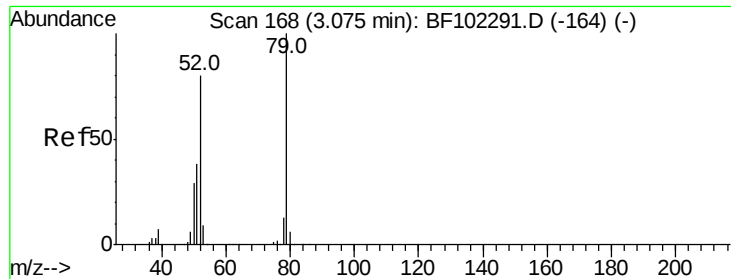
1,4-Dioxane
Concen: 43.068 ng
RT: 2.42 min Scan# 56
Delta R.T. 0.05 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Tgt Ion: 88 Resp: 195722
Ion Ratio Lower Upper
88 100
58 82.1 62.6 93.8
43 30.1 24.6 37.0



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





#3

Pvridine

Concen: 45.198 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.06 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :

BNA_F

ClientSampleId :

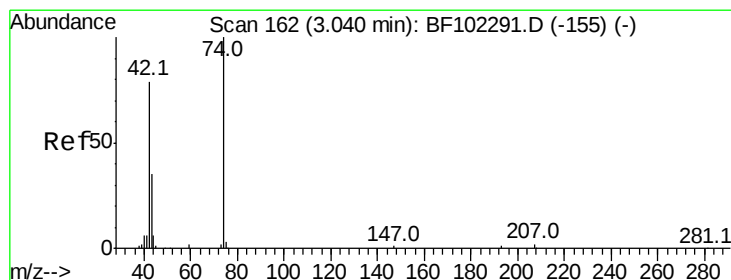
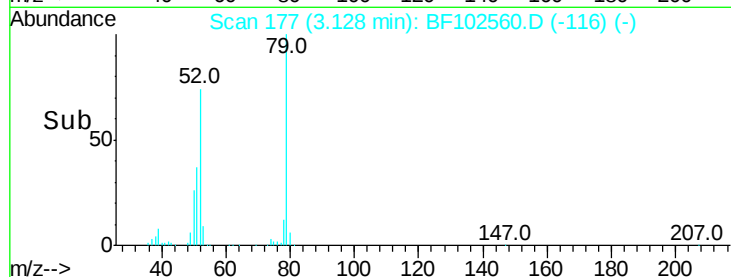
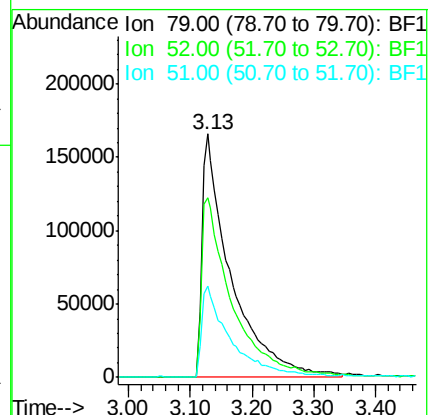
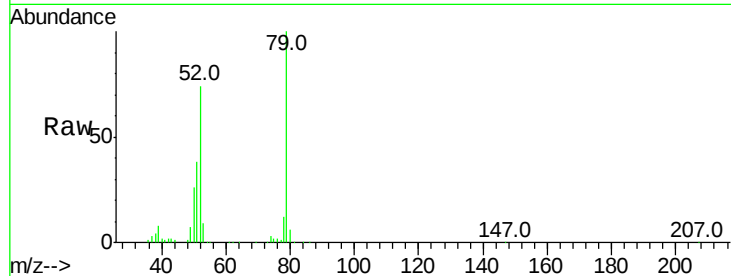
Tot Ion: 79 Resp: 536774

Ion Ratio Lower Upper

79 100

52 73.9 59.8 89.6

51 37.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 55.230 ng

RT: 3.09 min Scan# 171

Delta R.T. 0.05 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

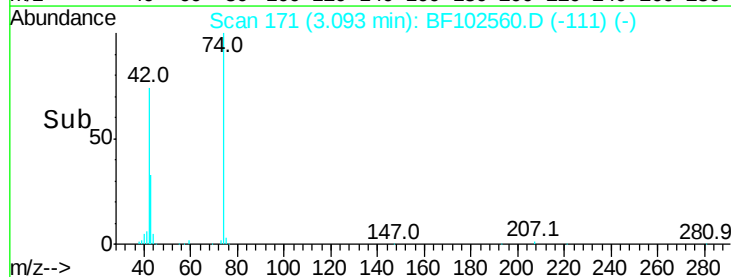
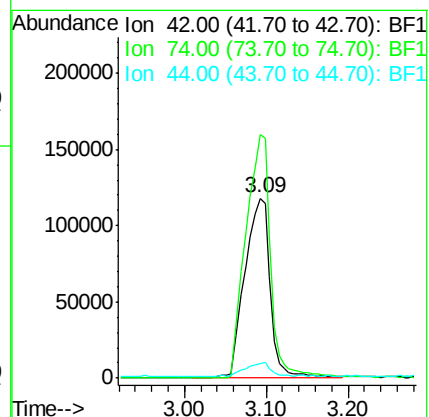
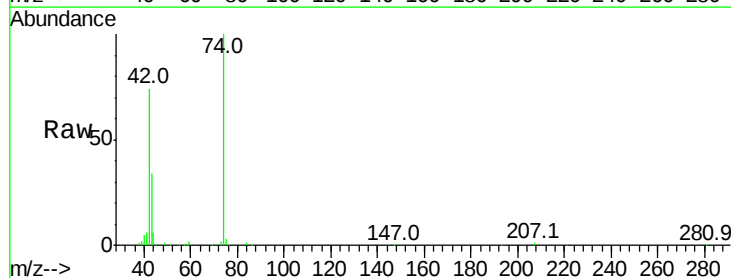
Tgt Ion: 42 Resp: 257144

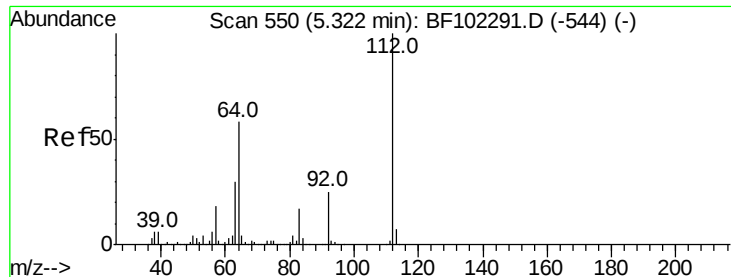
Ion Ratio Lower Upper

42 100

74 135.2 104.9 157.3

44 8.2 6.9 10.3





#5

2-Fluorophenol

Concen: 132.968 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :

BNA_F

ClientSampleId :

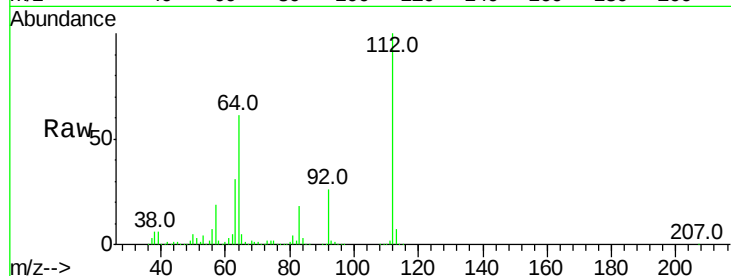
Tot Ion:112 Resp: 1271803

Ion Ratio Lower Upper

112 100

64 60.5 47.9 71.9

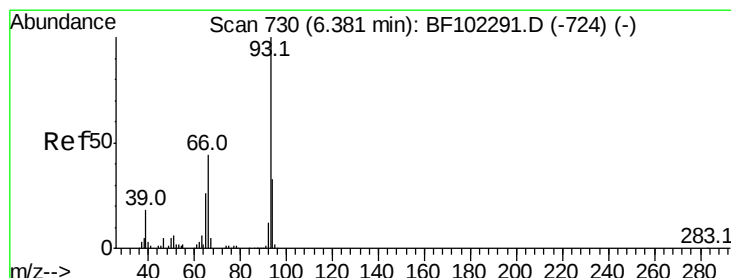
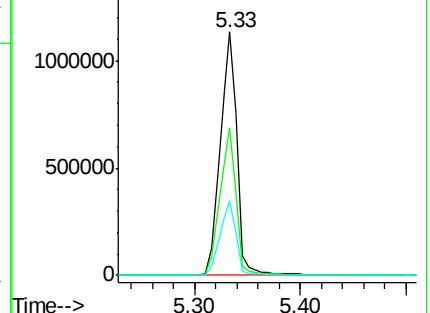
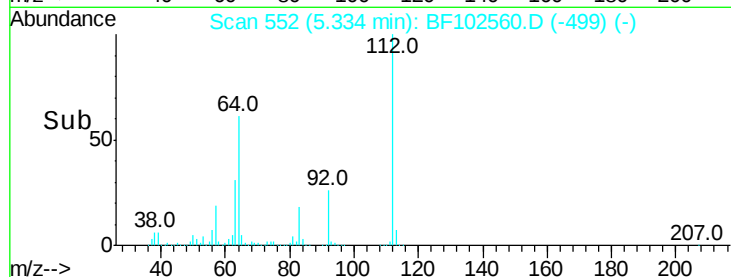
63 30.7 23.7 35.5



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: 23.567 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

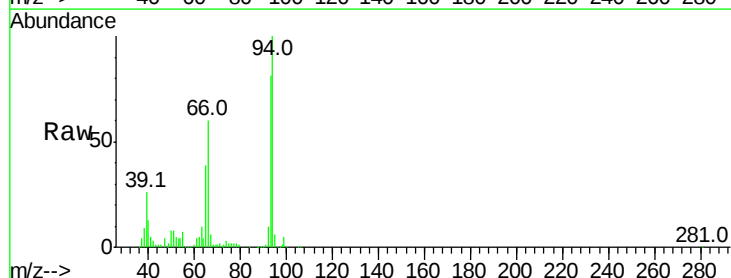
Tgt Ion: 93 Resp: 359443

Ion Ratio Lower Upper

93 100

66 73.5 32.2 48.2#

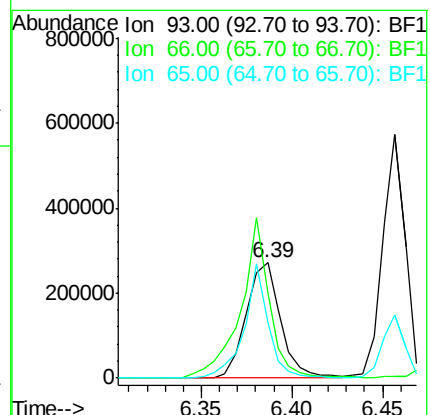
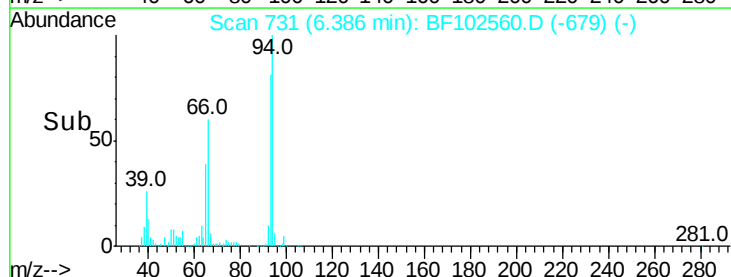
65 48.3 16.4 24.6#

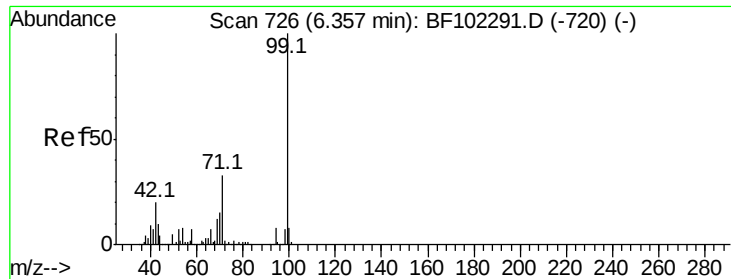


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 135.028 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :

BNA_F

ClientSampleId :

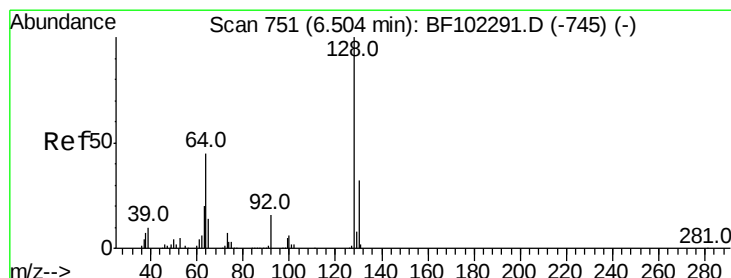
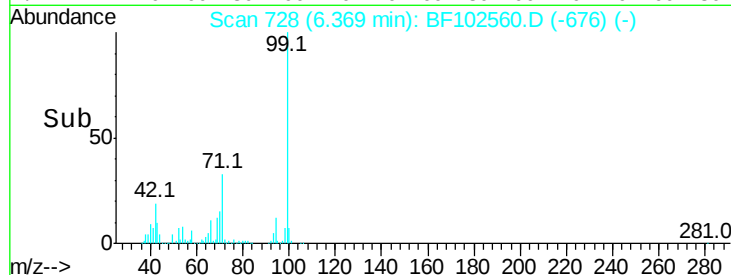
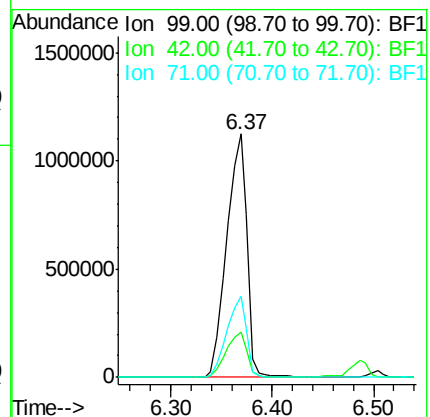
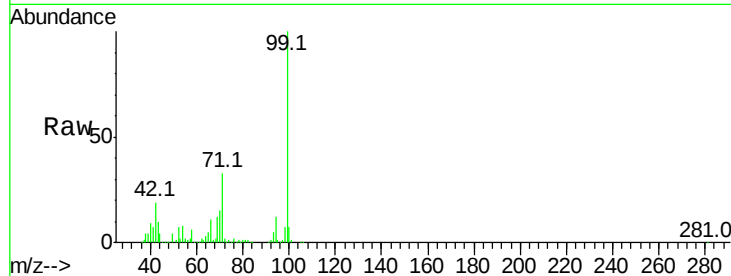
Tot Ion: 99 Resp: 1557023

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 33.2 25.4 38.0



#8

2-Chlorophenol

Concen: 50.284 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

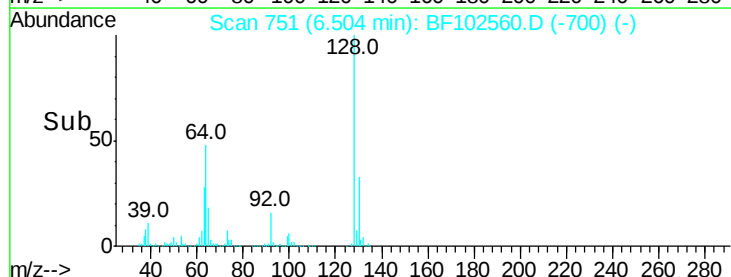
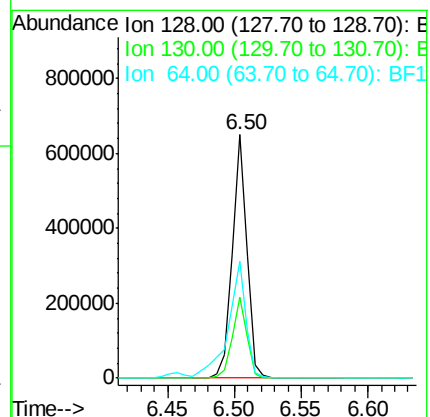
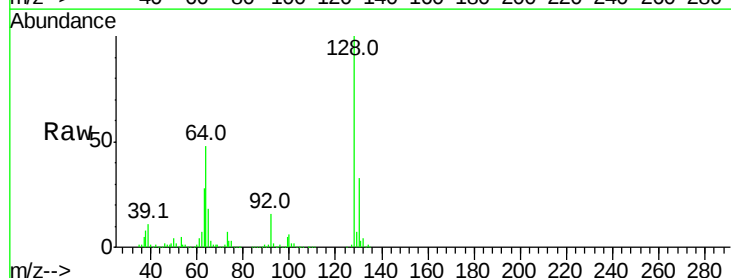
Tgt Ion:128 Resp: 504167

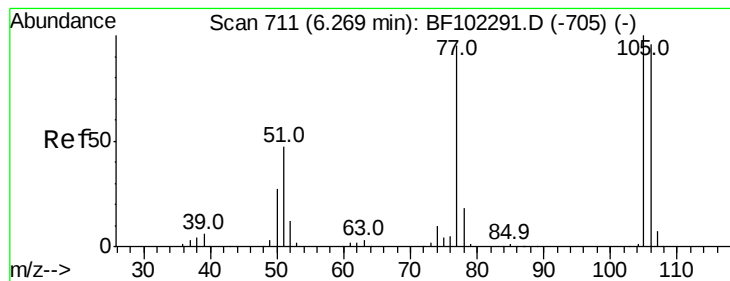
Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

64 47.9 29.4 69.4





#9

Benzaldehyde

Concen: 37.507 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :

BNA_F

ClientSampleId :

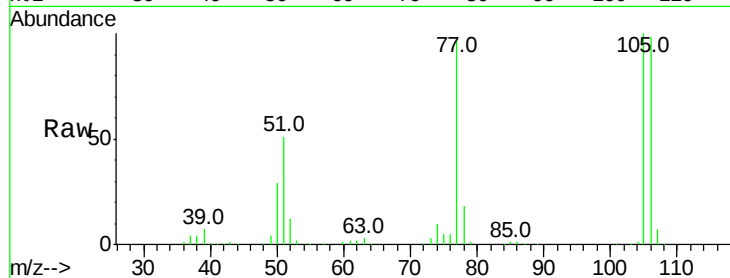
Tot Ion: 77 Resp: 245186

Ion Ratio Lower Upper

77 100

105 103.0 81.1 121.1

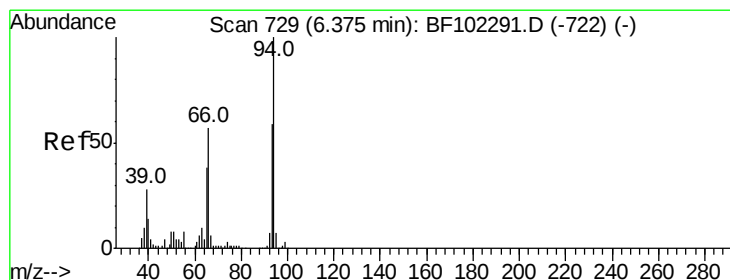
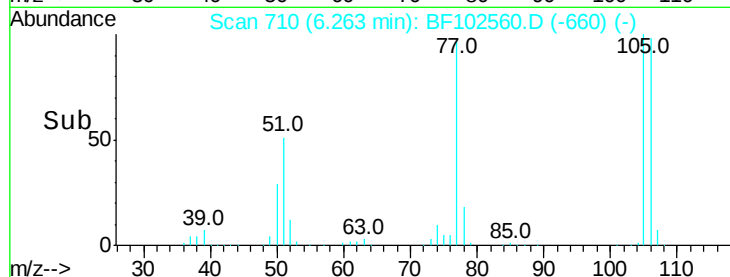
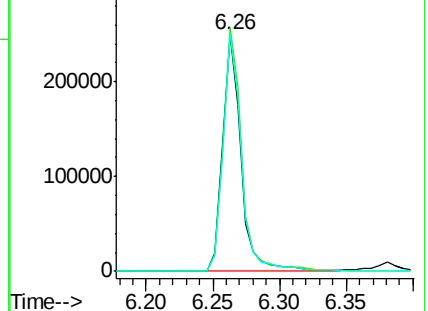
106 100.5 74.5 114.5



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: 49.532 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

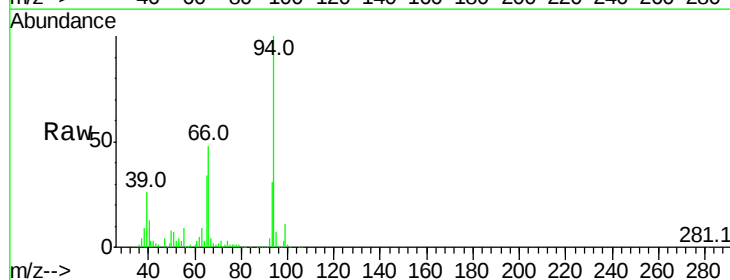
Tgt Ion: 94 Resp: 623554

Ion Ratio Lower Upper

94 100

65 33.6 7.9 47.9

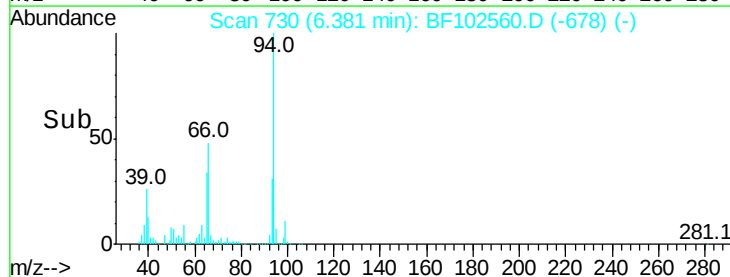
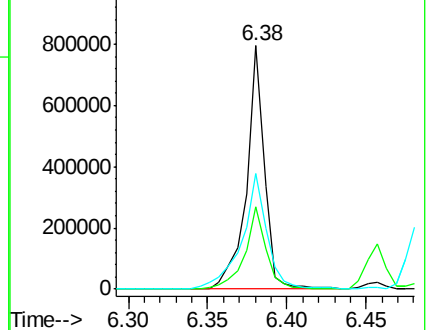
66 47.6 16.2 56.2

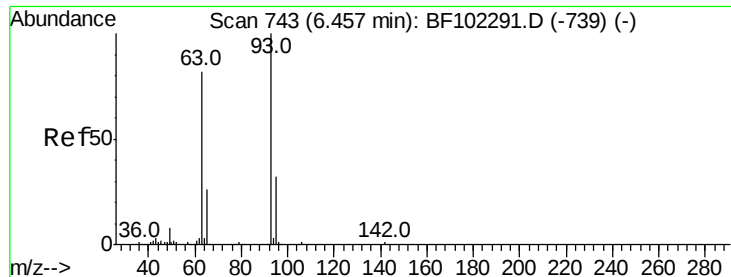


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

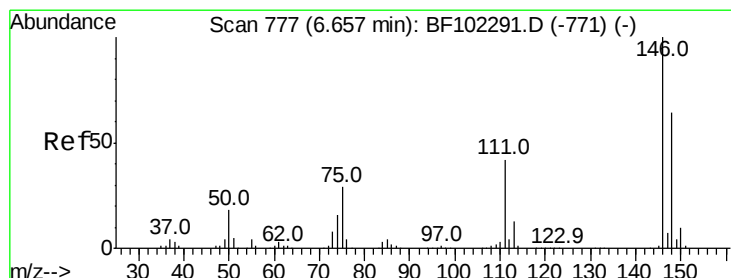
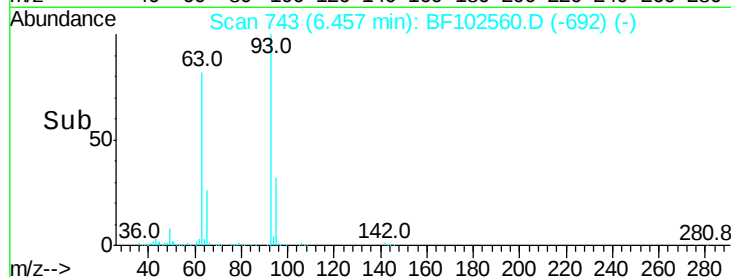
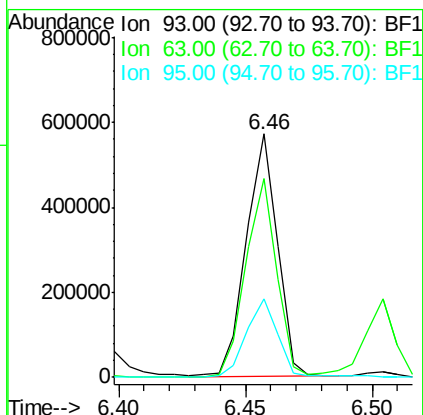
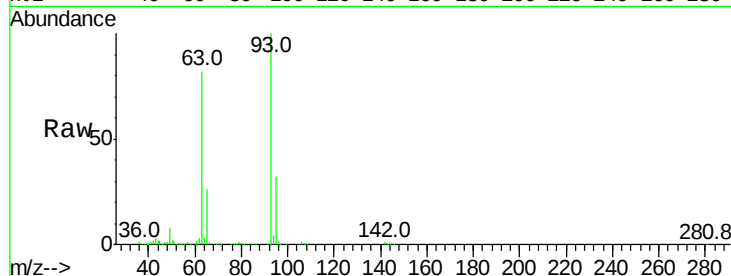




#11
bis(2-Chloroethyl)ether
Concen: 51.032 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

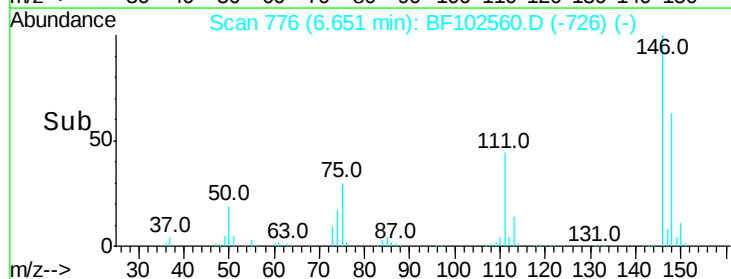
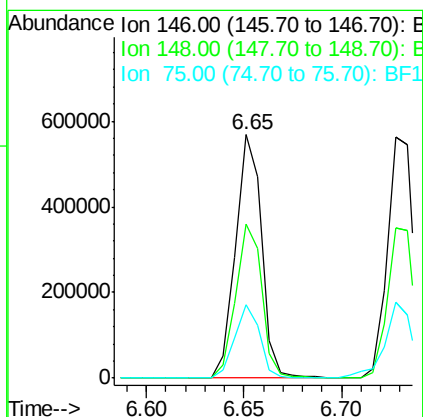
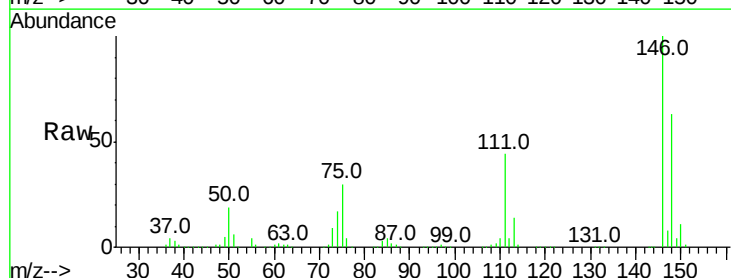
Instrument :
BNA_F
ClientSampleId :

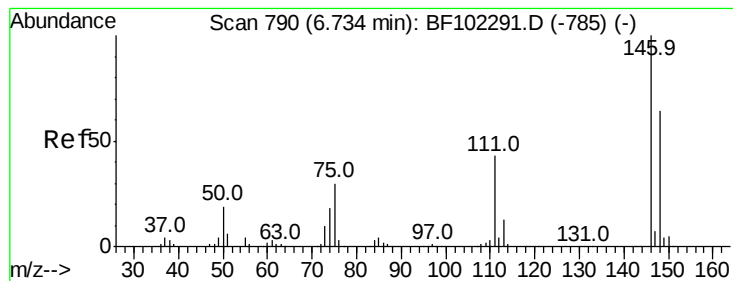
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.6	58.6	98.6
95	32.2	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 44.248 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.8
75	30.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 45.083 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :

BNA_F

ClientSampleId :

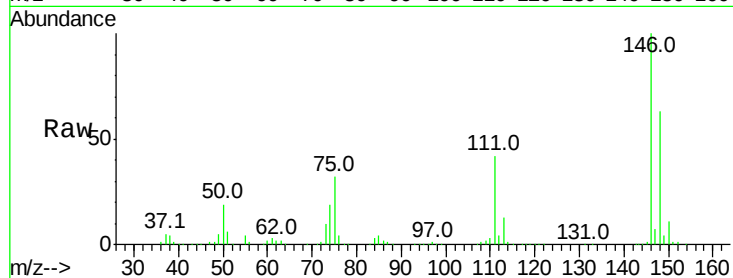
Tot Ion:146 Resp: 538511

Ion Ratio Lower Upper

146 100

148 62.6 50.8 76.2

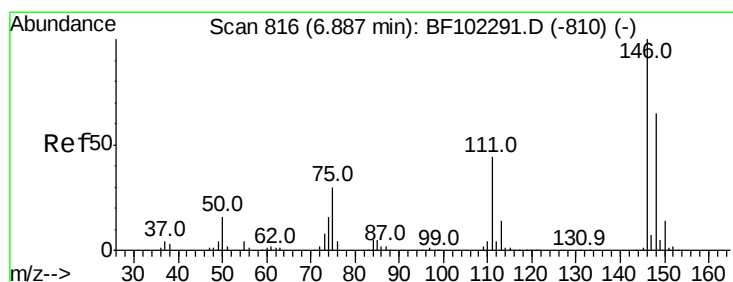
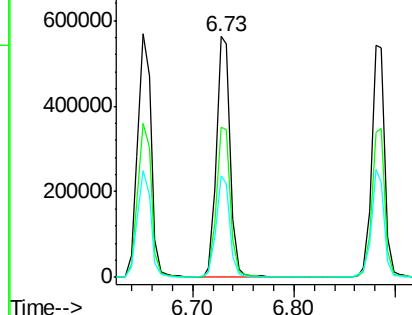
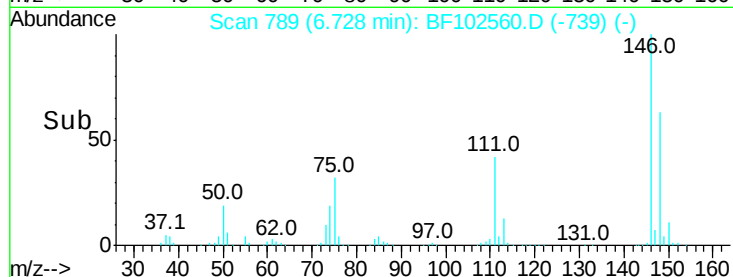
111 42.3 34.2 51.2



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: 44.638 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

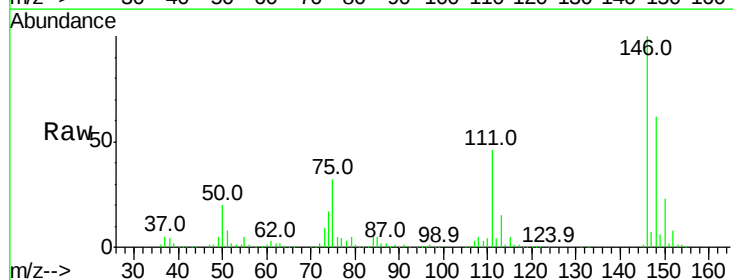
Tgt Ion:146 Resp: 487711

Ion Ratio Lower Upper

146 100

148 62.2 50.6 75.8

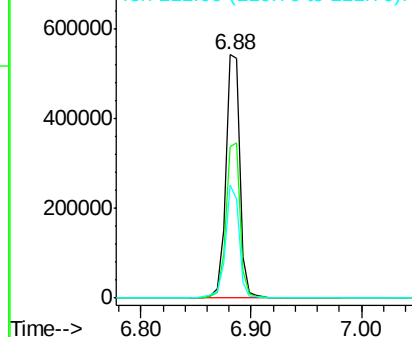
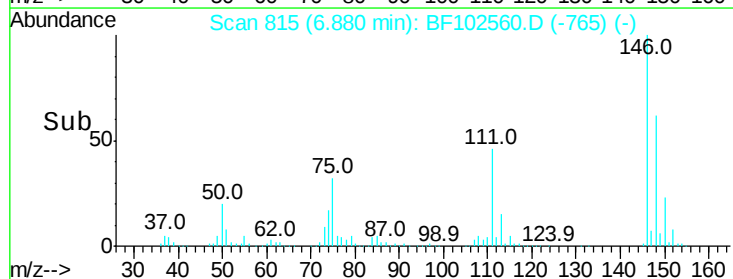
111 46.4 36.0 54.0

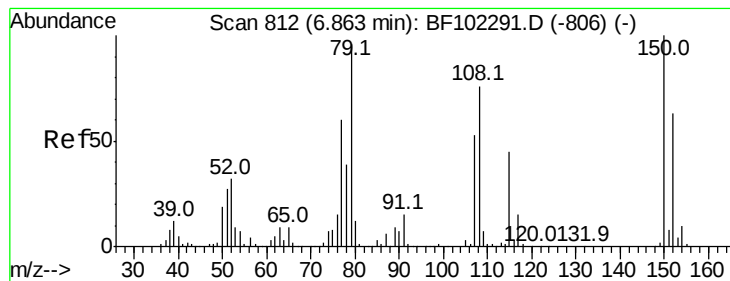


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.107 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :

BNA_F

ClientSampled :

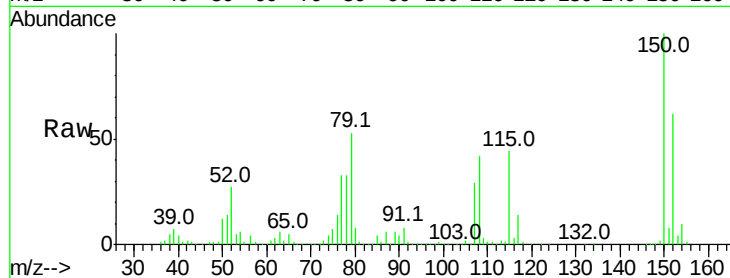
Tot Ion: 79 Resp: 383264

Ion Ratio Lower Upper

79 100

108 79.9 65.1 97.7

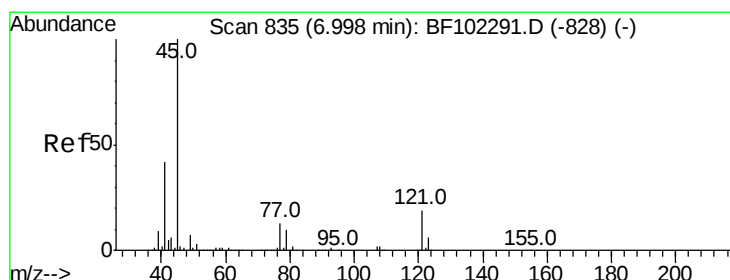
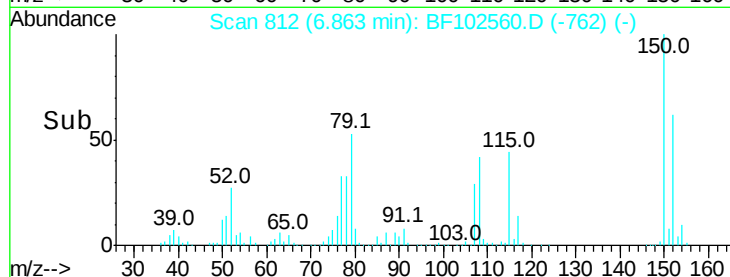
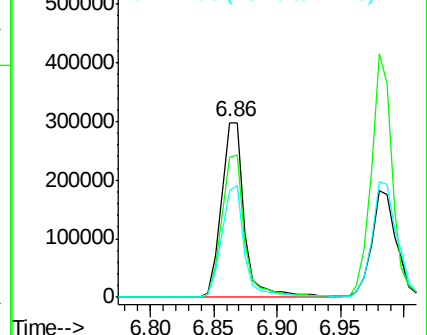
77 61.4 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.877 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

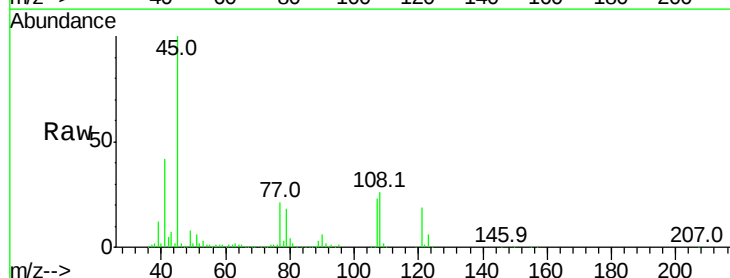
Tgt Ion: 45 Resp: 752771

Ion Ratio Lower Upper

45 100

77 20.8 0.0 32.9

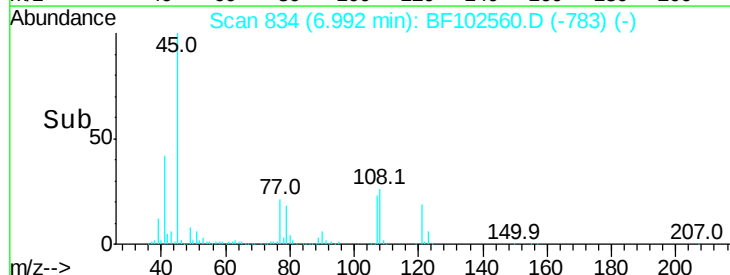
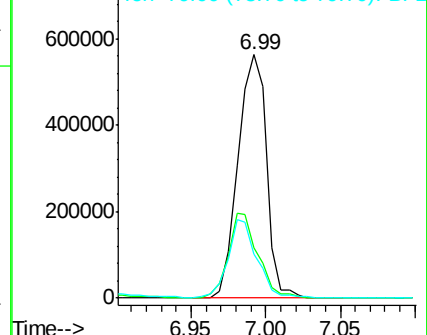
79 18.2 0.0 29.6

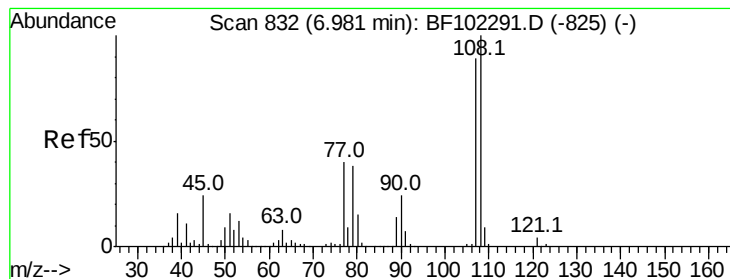


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

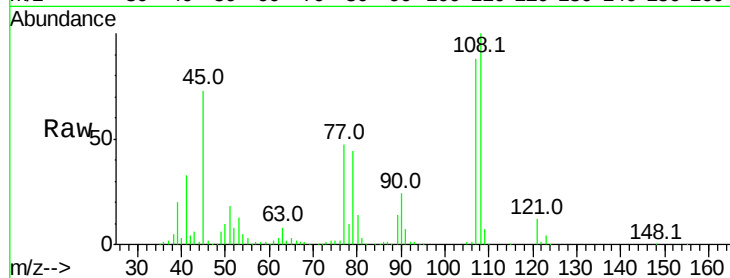




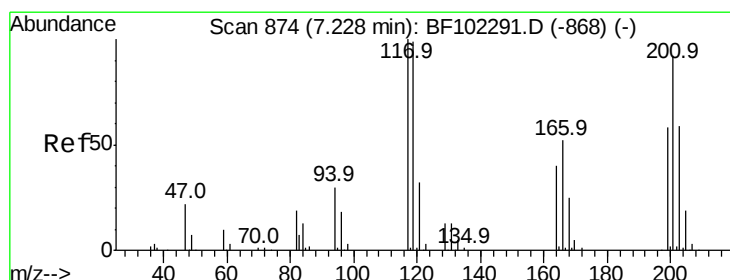
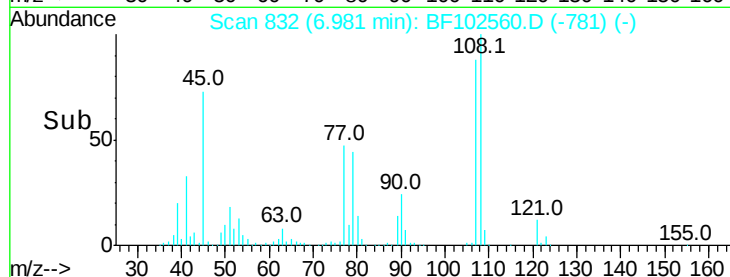
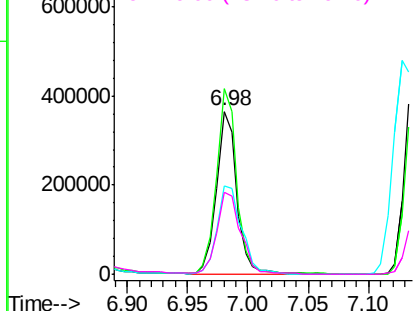
#17
2-Methylphenol
Concen: 48.160 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 419367
Ion Ratio Lower Upper
107 100
108 113.6 91.7 137.5
77 53.9 33.8 50.8#
79 50.0 33.8 50.8

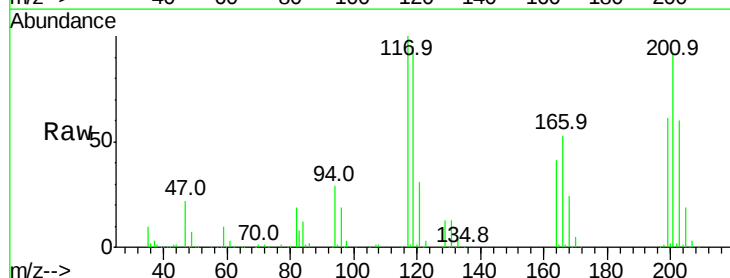


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

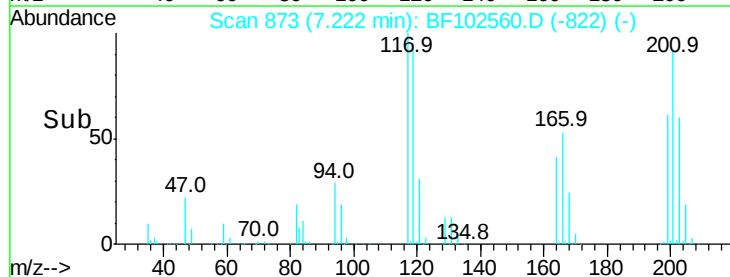
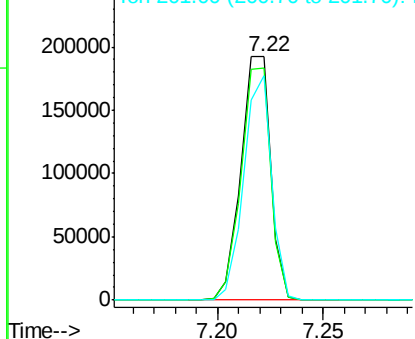


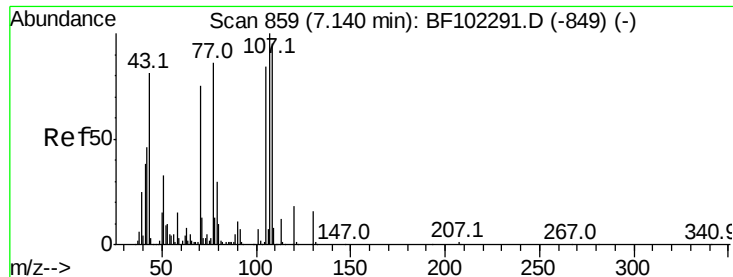
#18
Hexachloroethane
Concen: 45.195 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Tgt Ion:117 Resp: 188117
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8
201 92.2 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

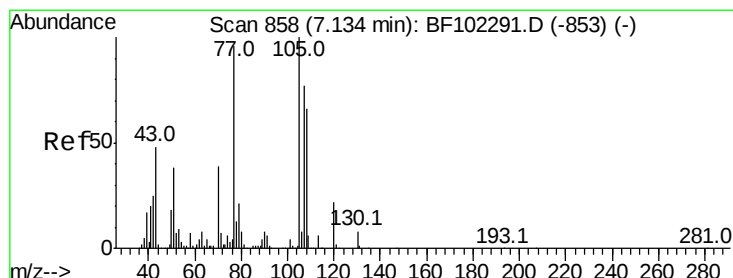
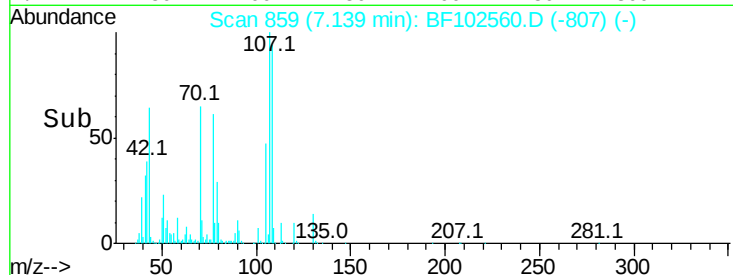
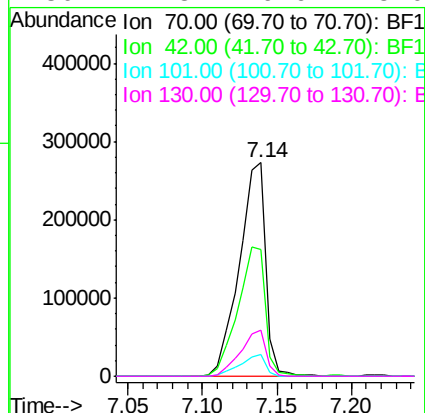
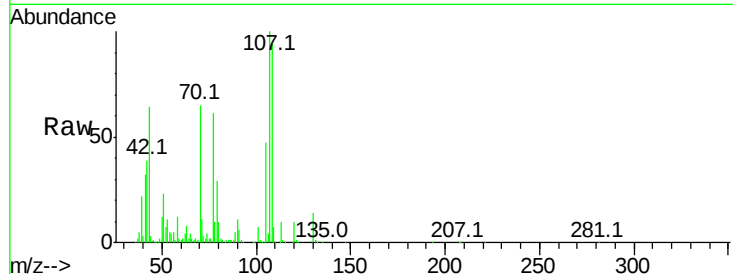




#19
n-Nitroso-di-n-propylamine
Concen: 47.726 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

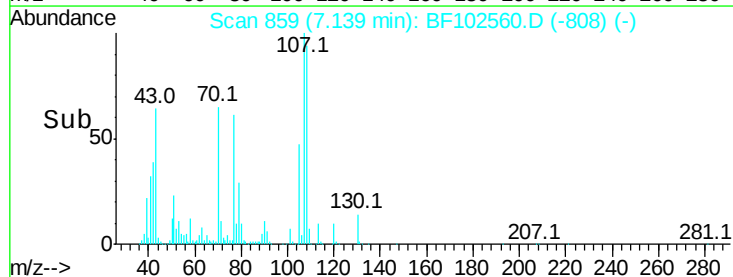
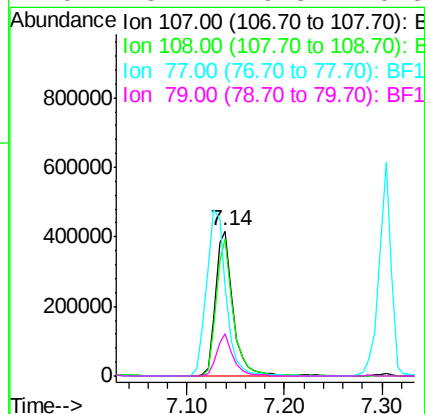
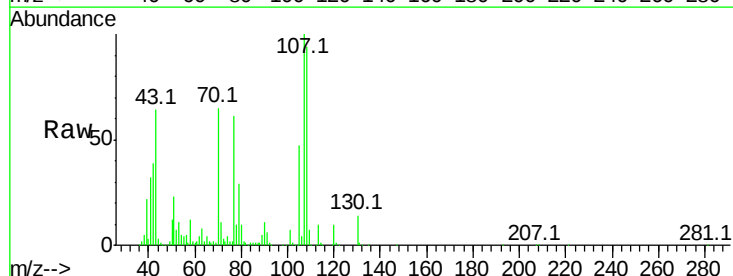
Instrument :
BNA_F
ClientSampleId :

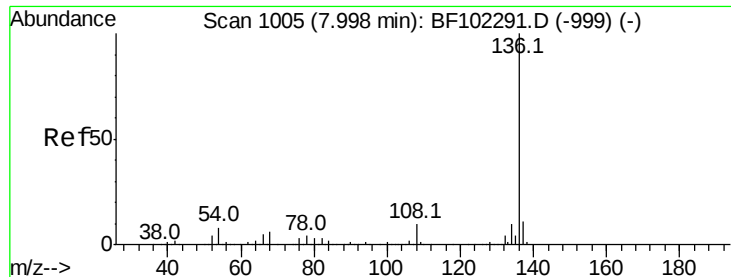
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.2	47.5	71.3	
101	10.0	7.4	11.2	
130	21.8	16.6	25.0	



#20
3+4-Methylphenols
Concen: 50.271 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.4	68.2	108.2	
77	61.3	26.7	66.7	
79	28.7	6.3	46.3	

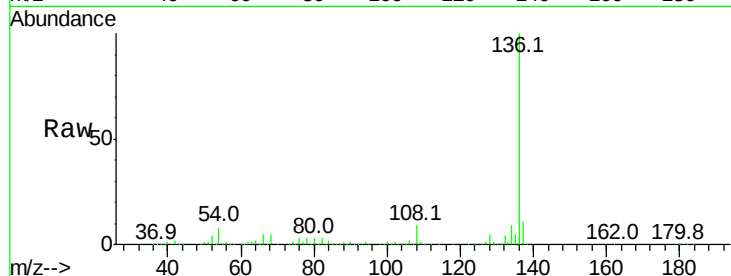




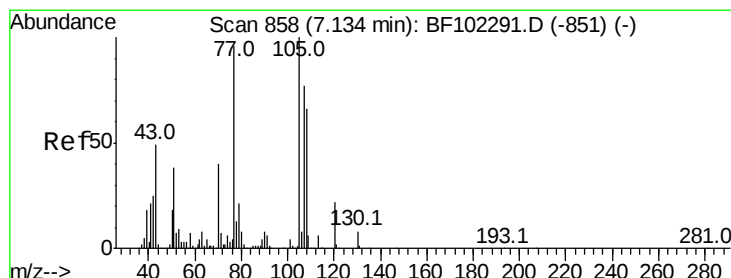
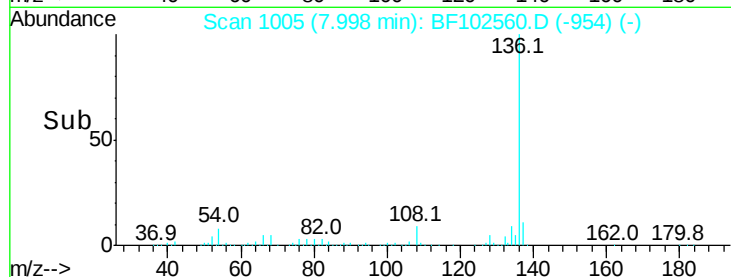
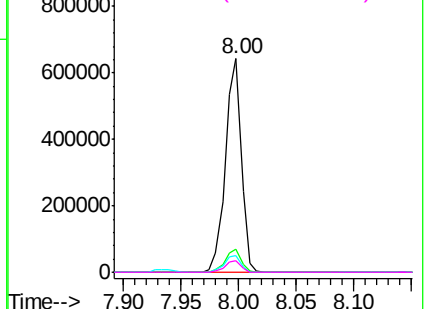
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 614049
Ion Ratio	Lower Upper
136 100	
137 11.0	8.9 13.3
54 7.7	6.6 9.8
68 5.2	5.0 7.4

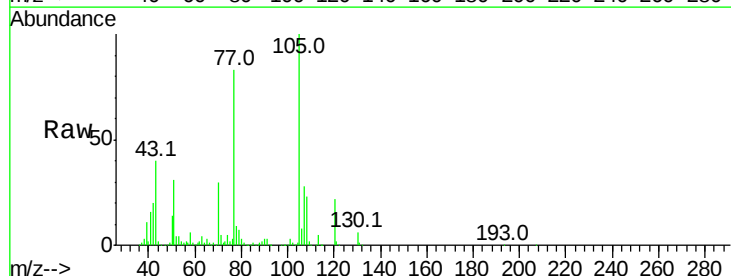


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

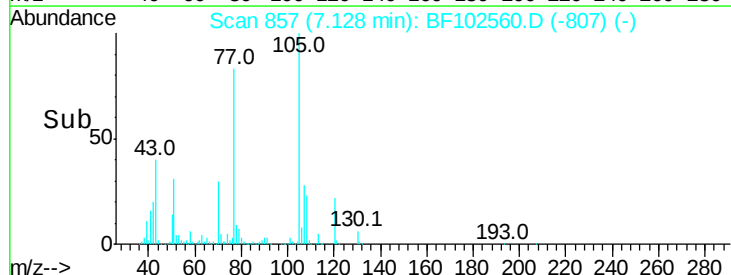
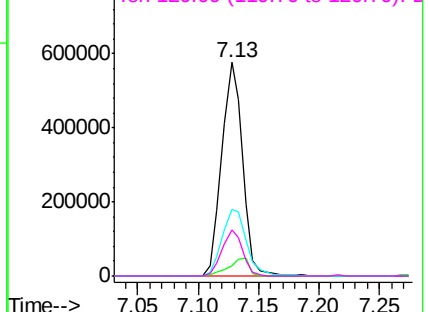


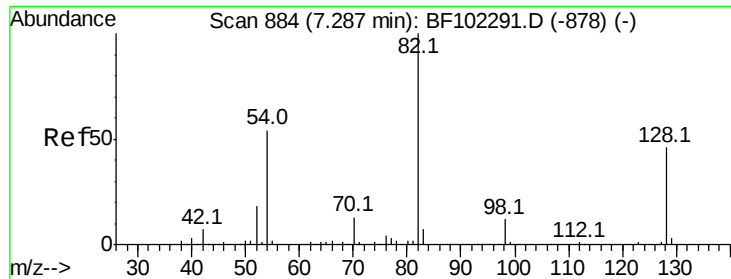
#22
Acetophenone
Concen: 47.275 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Tgt	Ion:105	Resp:	692007
Ion	Ratio	Lower	Upper
105	100		
71	5.1	4.4	6.6
51	31.4	22.3	33.5
120	21.9	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

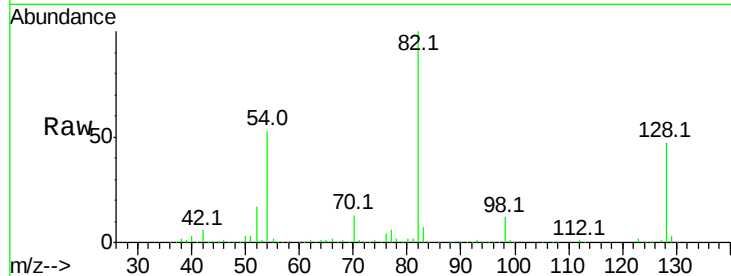




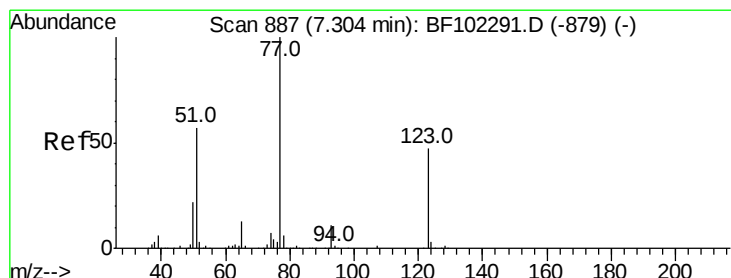
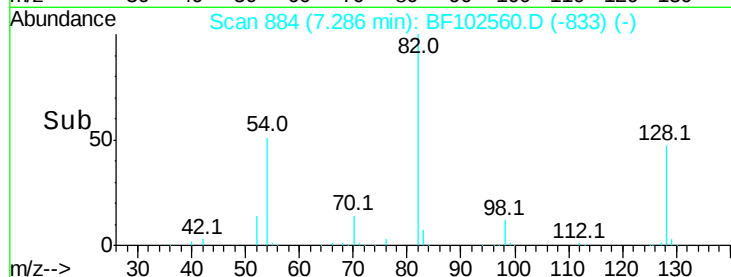
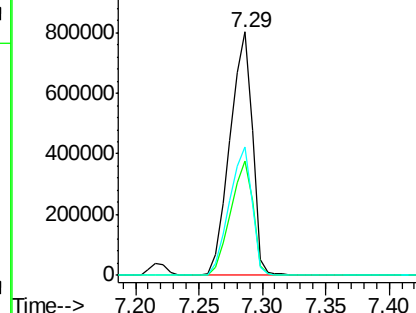
#23
Nitrobenzene-d5
Concen: 91.829 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 981219
Ion Ratio Lower Upper
82 100
128 47.0 36.1 54.1
54 52.9 41.4 62.2

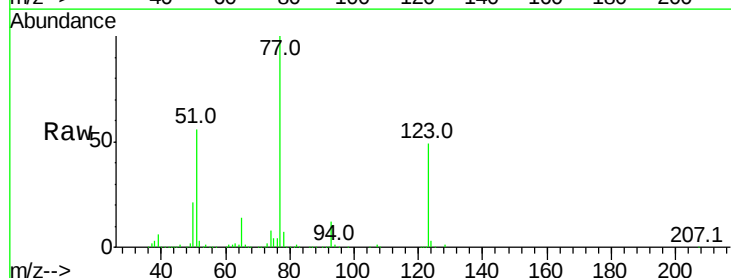


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

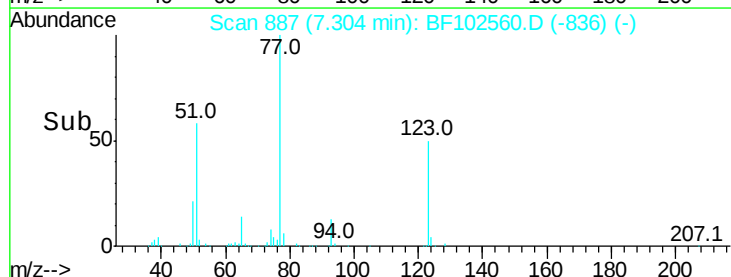
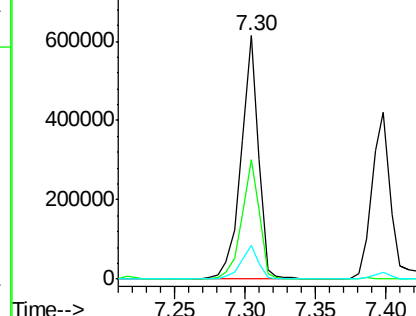


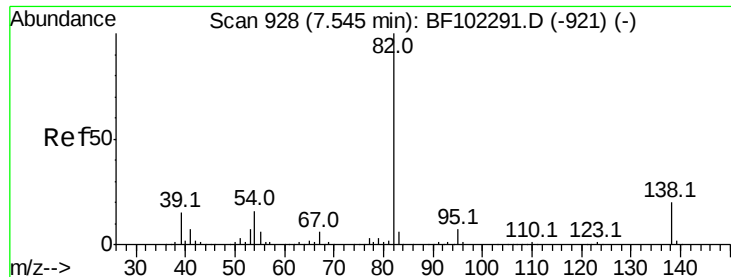
#24
Nitrobenzene
Concen: 47.753 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Tgt Ion: 77 Resp: 522180
Ion Ratio Lower Upper
77 100
123 49.3 37.9 56.9
65 13.8 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: 51.750 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :

BNA_F

ClientSampleId :

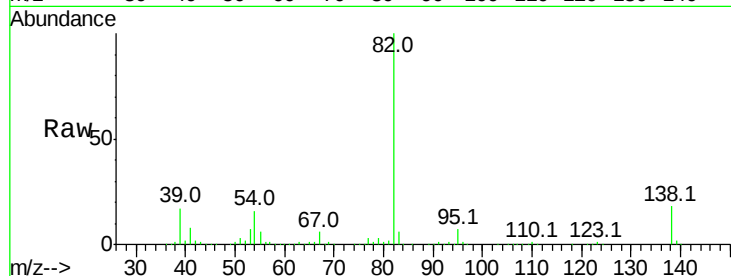
Tot Ion: 82 Resp: 985802

Ion Ratio Lower Upper

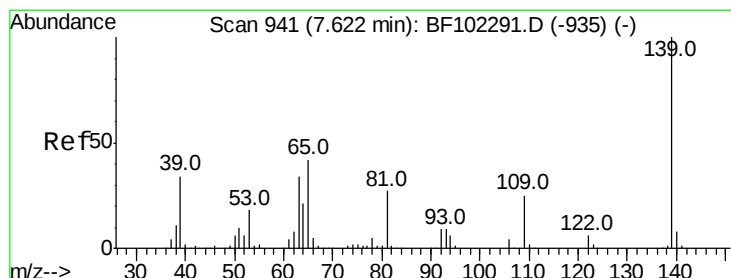
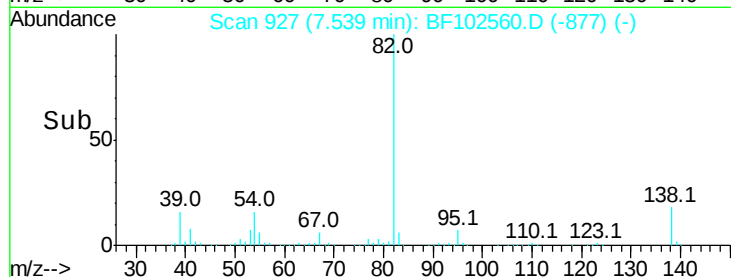
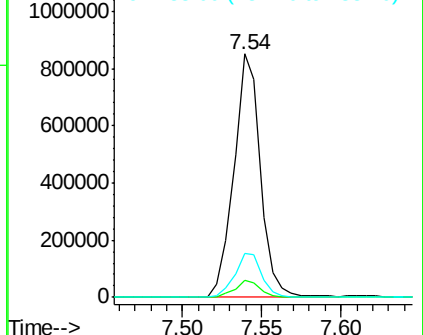
82 100

95 7.0 5.2 7.8

138 18.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.633 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

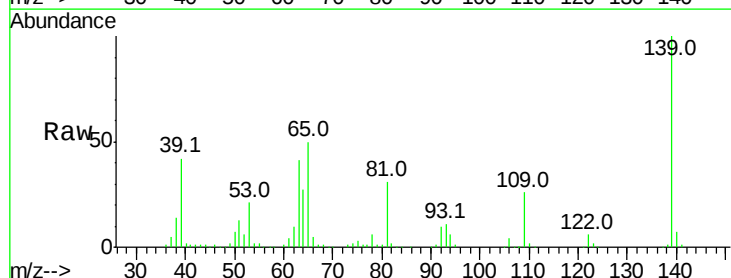
Tgt Ion: 139 Resp: 297156

Ion Ratio Lower Upper

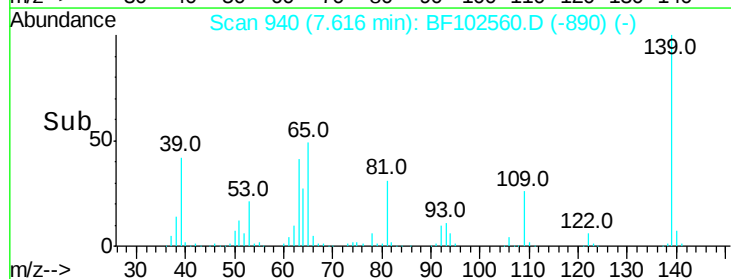
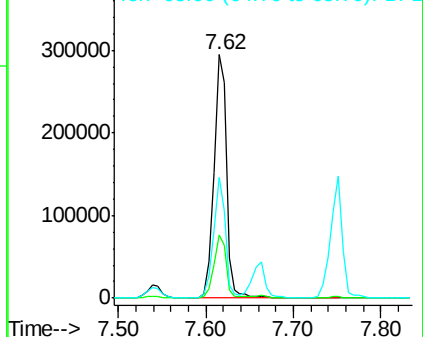
139 100

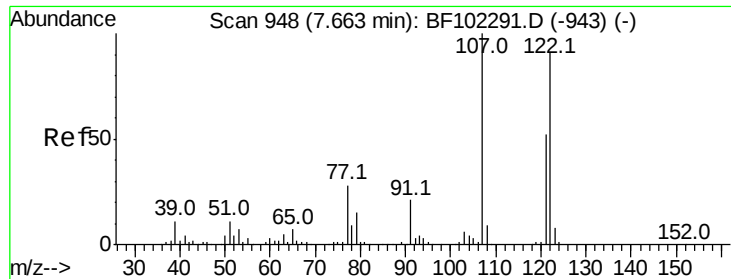
109 26.1 22.7 34.1

65 49.7 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 55.779 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :

BNA_F

ClientSampleId :

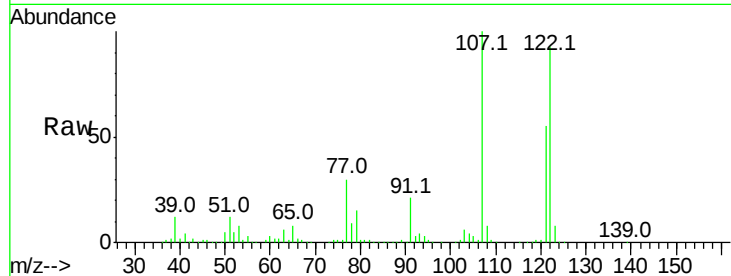
Tot Ion:122 Resp: 466137

Ion Ratio Lower Upper

122 100

107 107.9 91.2 136.8

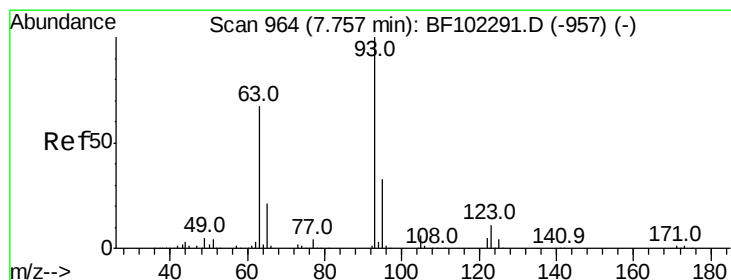
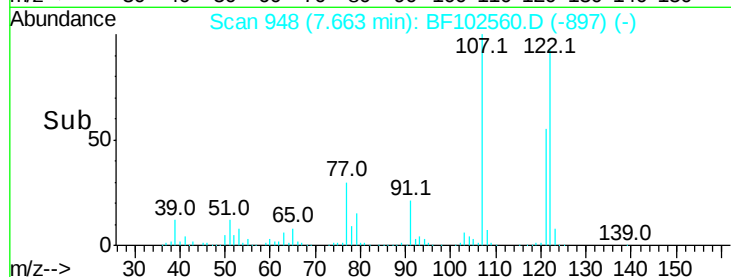
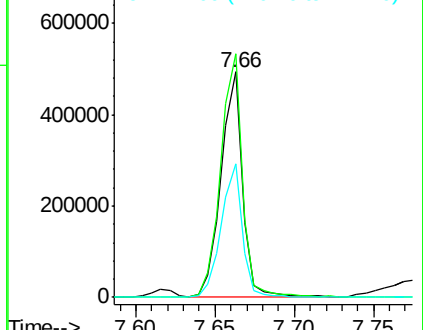
121 59.3 47.2 70.8



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: 53.315 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

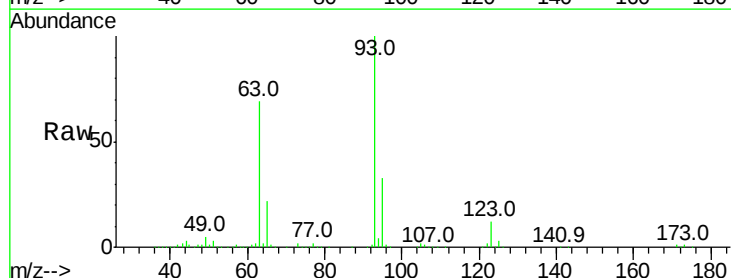
Tgt Ion: 93 Resp: 627377

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

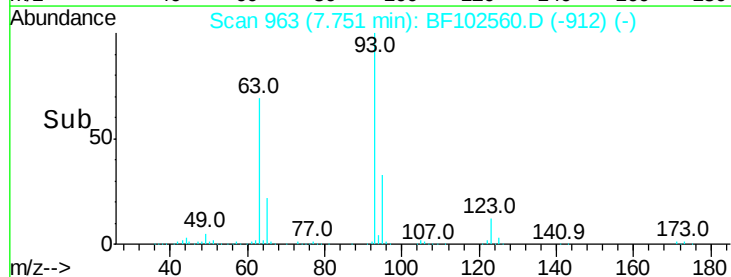
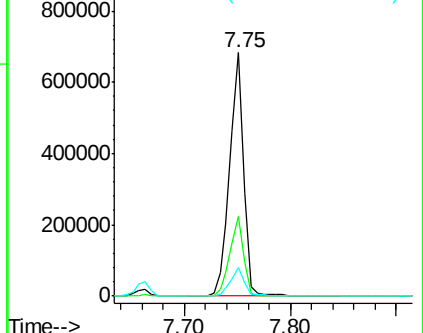
123 11.7 9.8 14.6

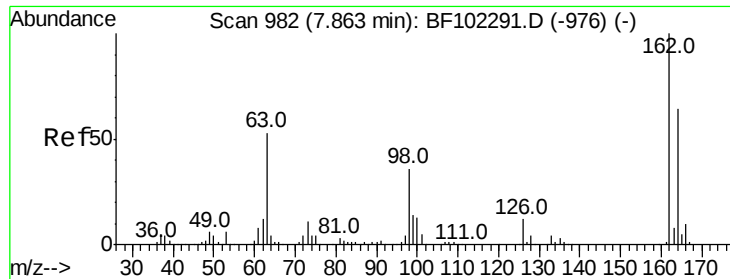


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

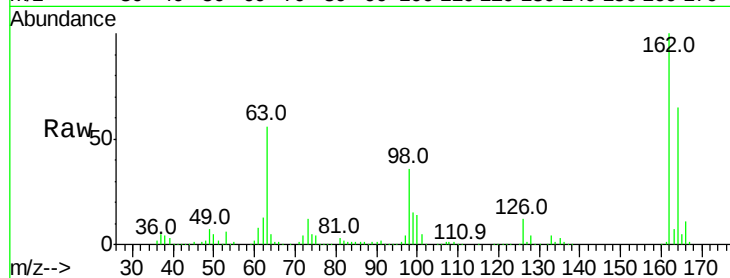




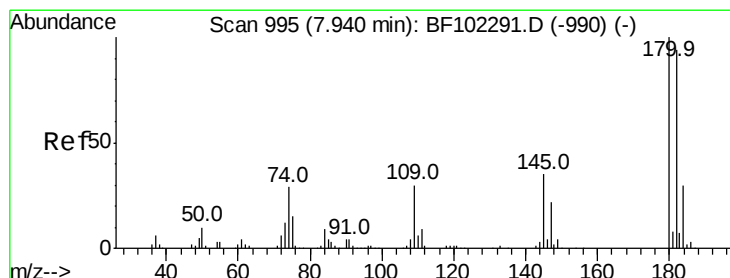
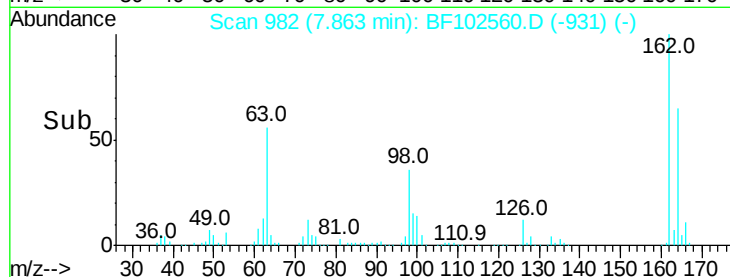
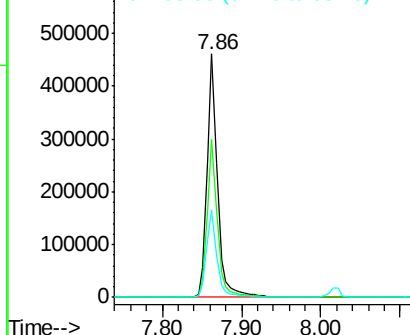
#29
 2,4-Dichlorophenol
 Concen: 50.333 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF102560.D
 Acq: 28 Jan 2018 16:33

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:162 Resp: 428460
 Ion Ratio Lower Upper
 162 100
 164 65.0 42.7 82.7
 98 36.2 18.1 58.1

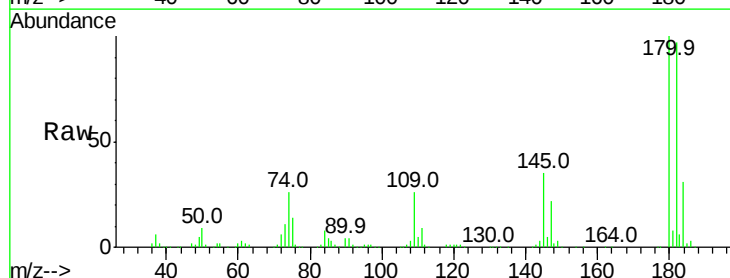


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

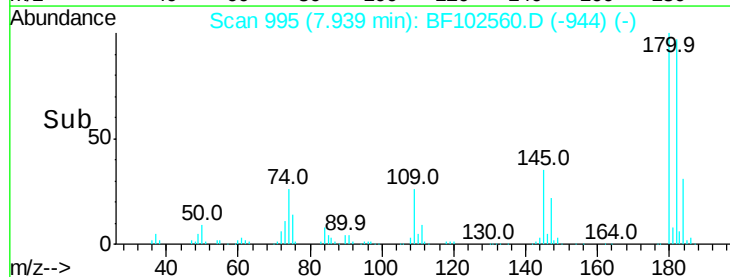
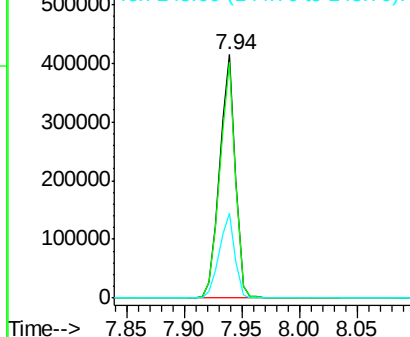


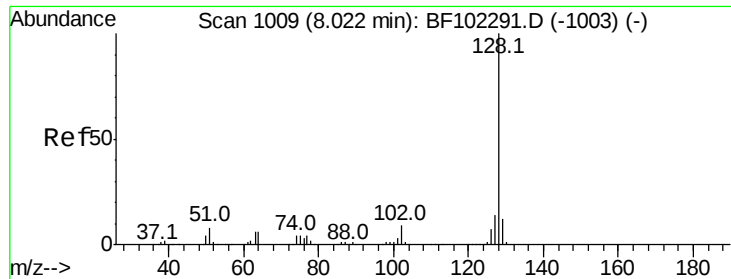
#30
 1,2,4-Trichlorobenzene
 Concen: 42.770 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF102560.D
 Acq: 28 Jan 2018 16:33

Tgt Ion:180 Resp: 390278
 Ion Ratio Lower Upper
 180 100
 182 97.1 76.8 115.2
 145 34.7 26.5 39.7



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

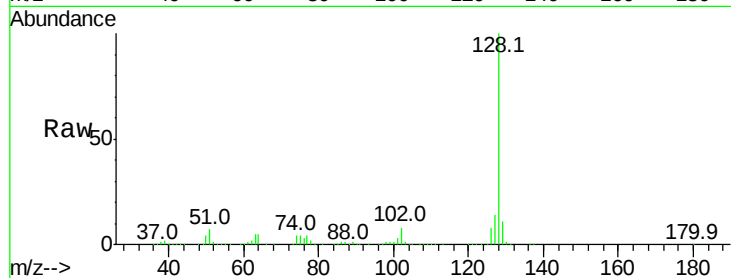




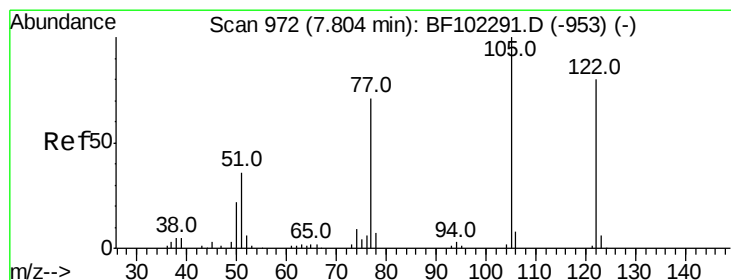
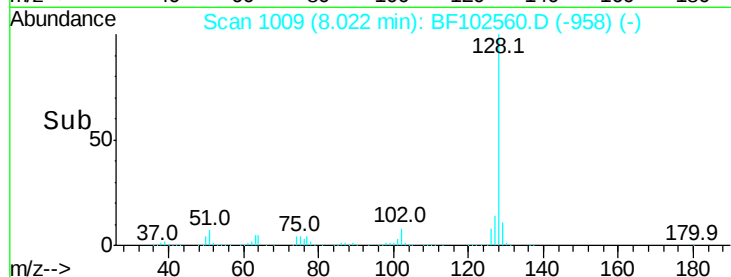
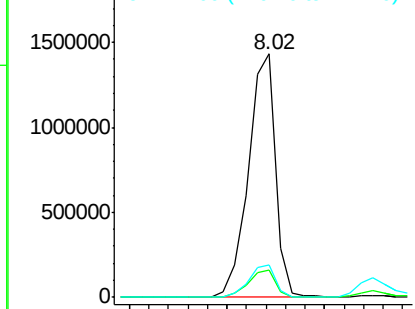
#31
Naphthalene
Concen: 45.048 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1381119
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.6 10.9 16.3

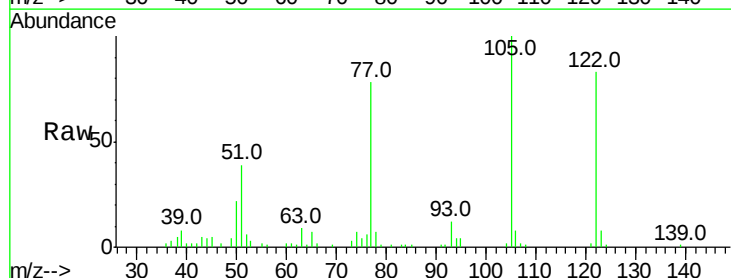


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

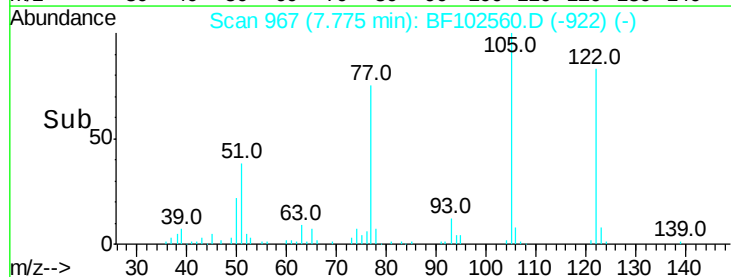
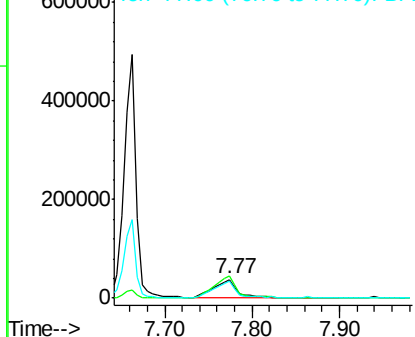


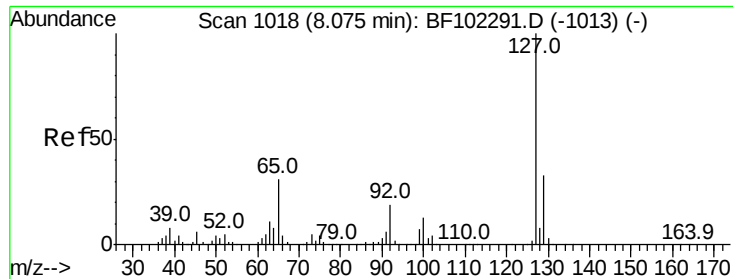
#32
Benzoic acid
Concen: 10.357 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.04 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Tgt Ion:122 Resp: 72515
Ion Ratio Lower Upper
122 100
105 120.0 101.1 141.1
77 93.4 70.7 110.7



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

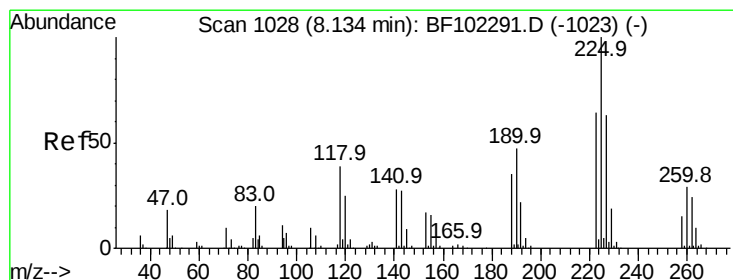
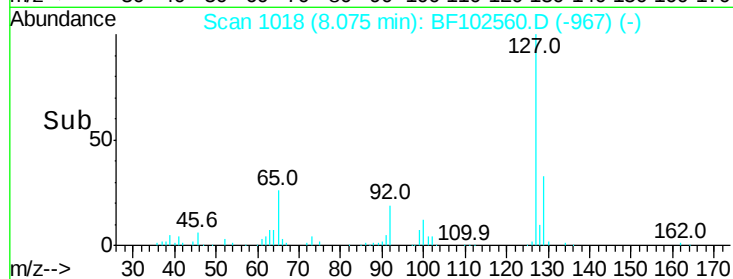
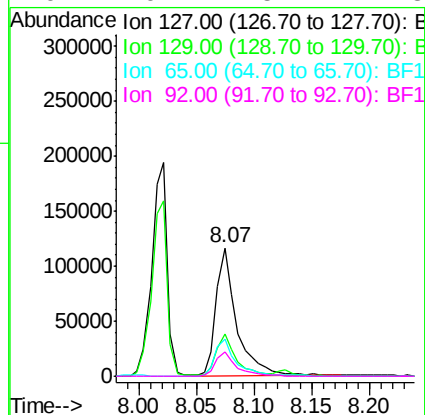
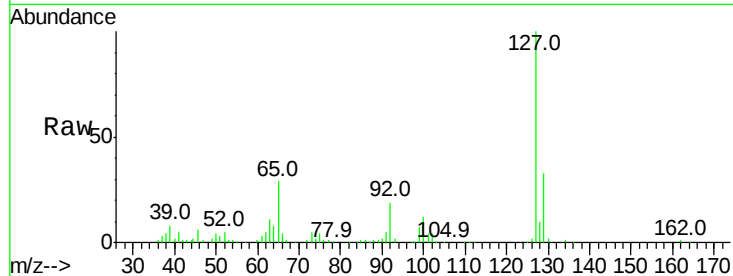




#33
4-Chloroaniline
Concen: 11.120 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

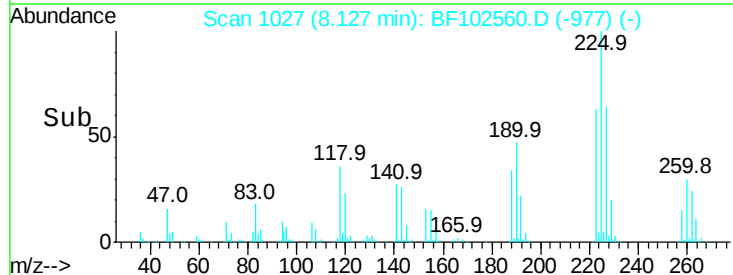
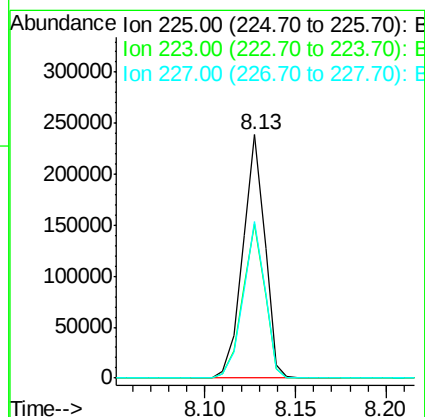
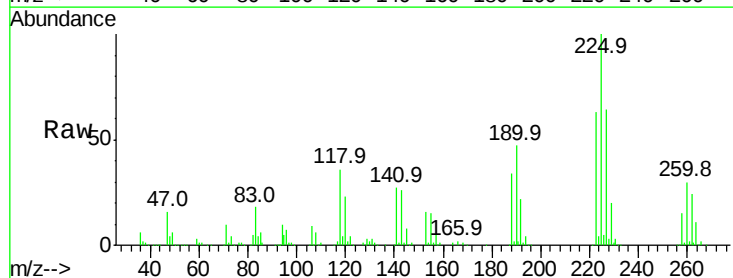
Instrument :
BNA_F
ClientSampled :

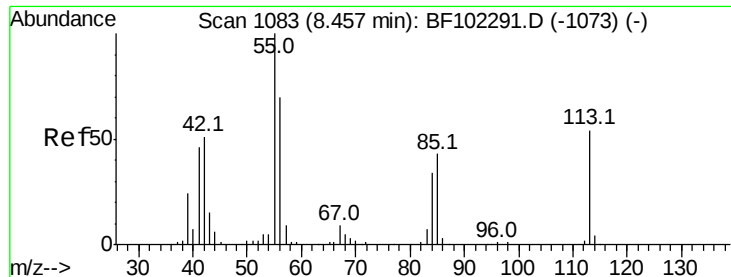
Tot Ion:	127	Resp:	143363
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	28.9	25.0	37.4
92	19.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.375 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Tgt Ion:	225	Resp:	201648
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	64.5	51.9	77.9





#35

Caprolactam

Concen: 29.517 ng

RT: 8.46 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :

BNA_F

ClientSampled :

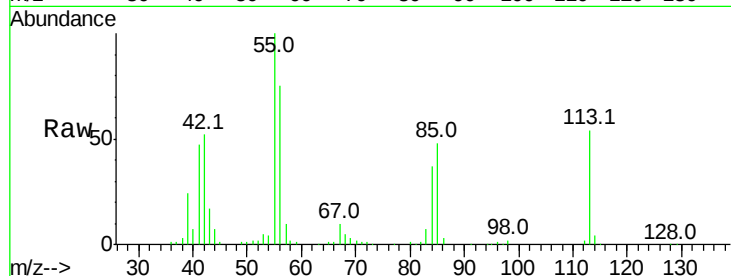
Tot Ion:113 Resp: 82982

Ion Ratio Lower Upper

113 100

55 186.2 163.3 203.3

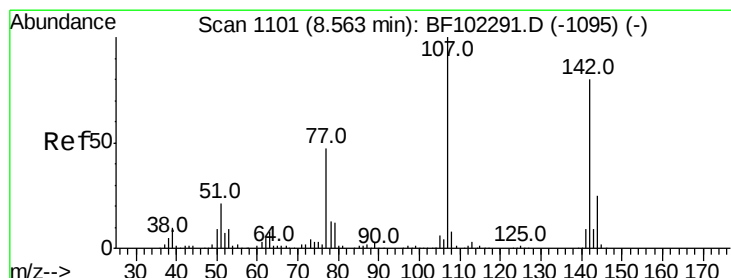
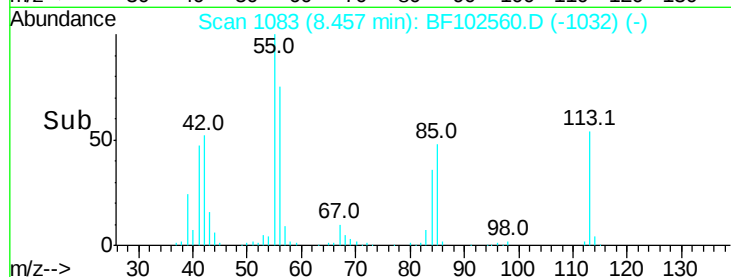
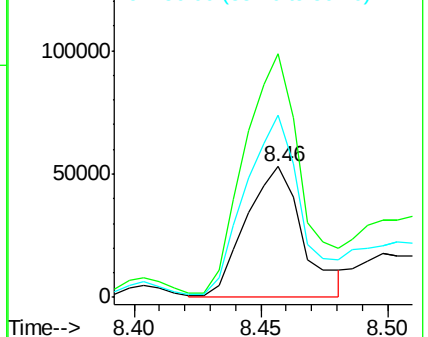
56 138.9 115.7 155.7



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: 52.473 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

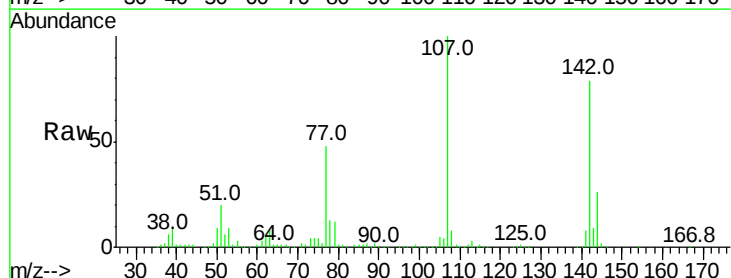
Tgt Ion:107 Resp: 470831

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

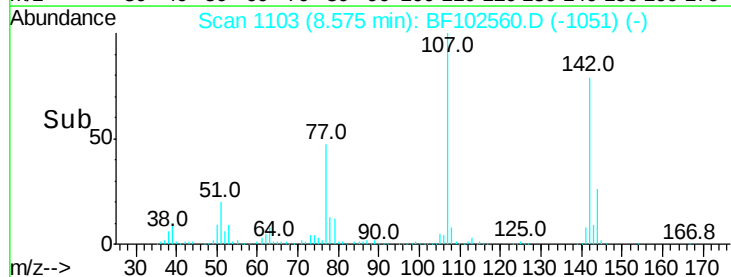
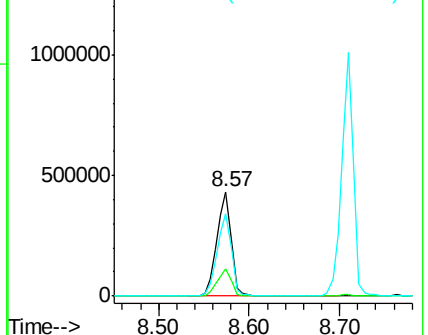
142 79.1 62.0 93.0

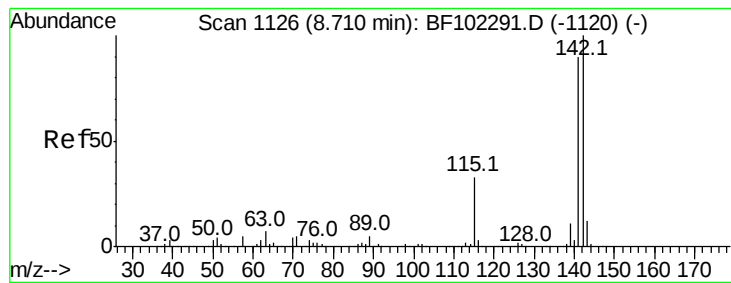


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.526 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :

BNA_F

ClientSampled :

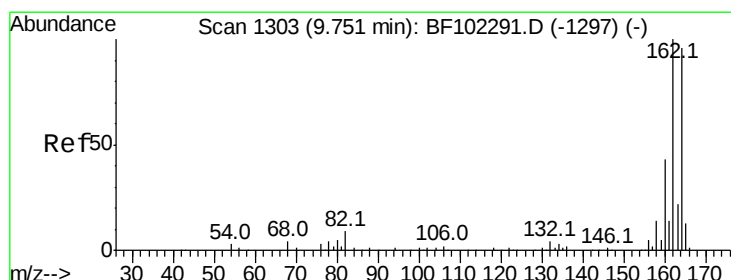
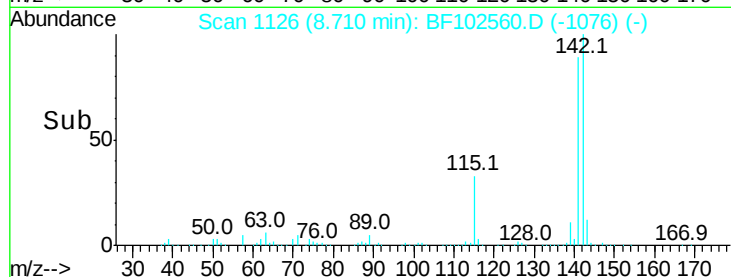
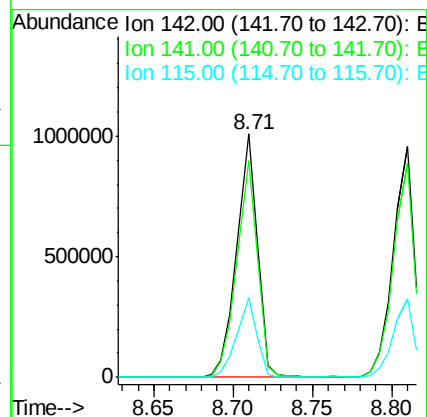
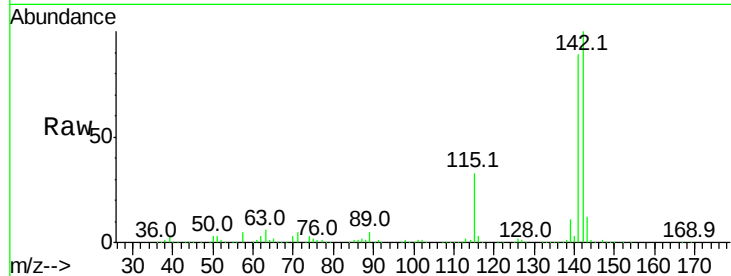
Tot Ion:142 Resp: 929540

Ion Ratio Lower Upper

142 100

141 88.9 70.8 106.2

115 32.5 26.1 39.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

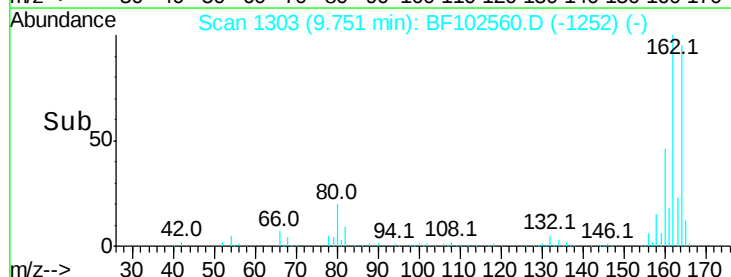
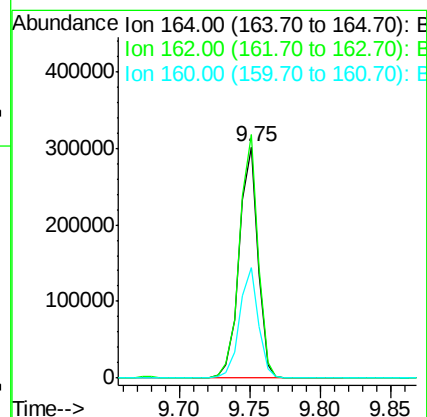
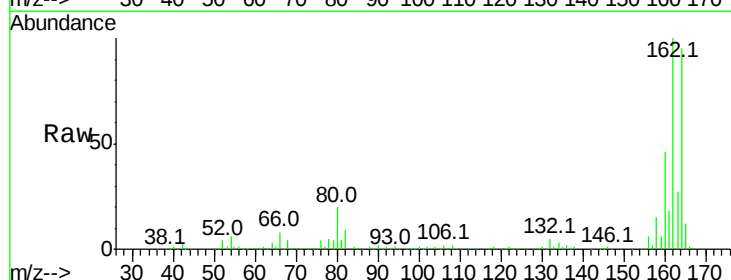
Tgt Ion:164 Resp: 278046

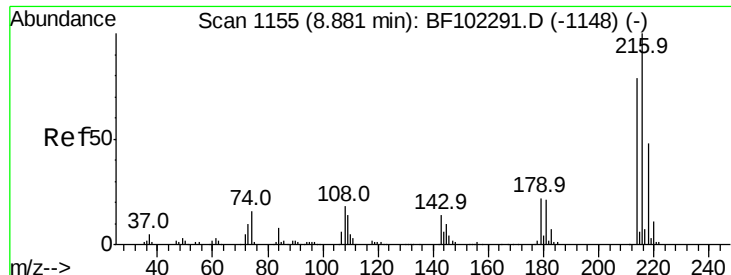
Ion Ratio Lower Upper

164 100

162 105.3 86.1 129.1

160 47.9 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.970 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 359453

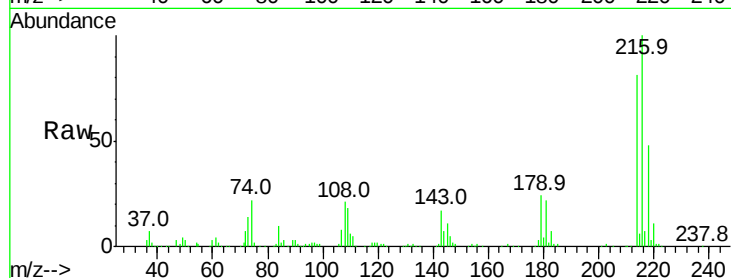
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.4

179 23.1 18.1 27.1

108 22.4 17.2 25.8

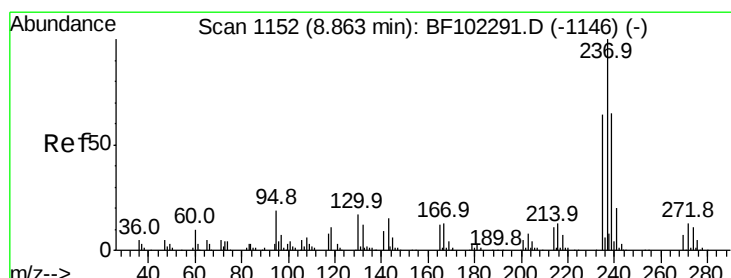
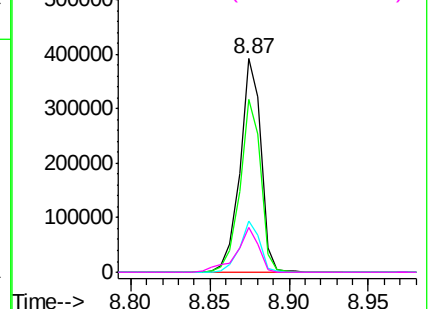
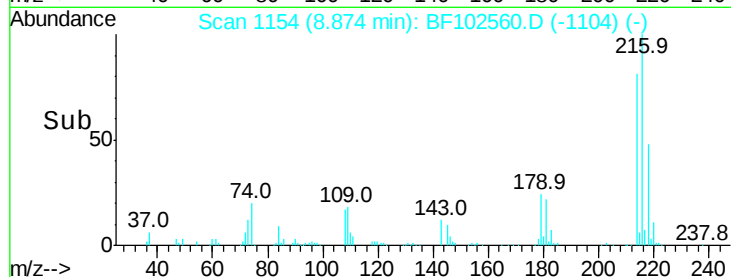


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 62.060 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

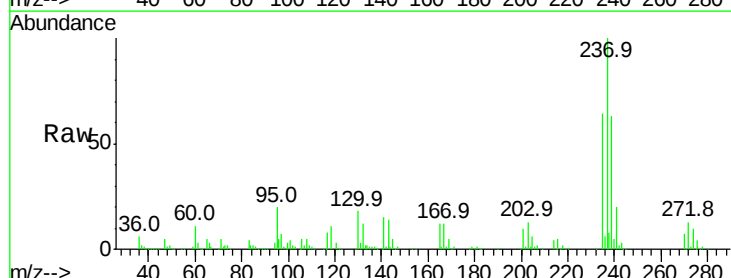
Tgt Ion:237 Resp: 232333

Ion Ratio Lower Upper

237 100

235 63.6 44.8 84.8

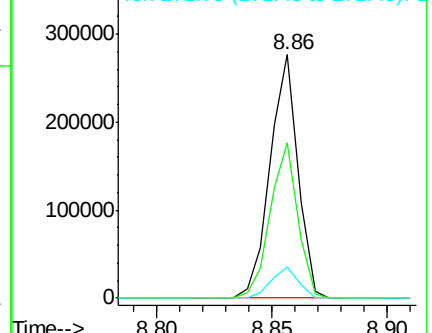
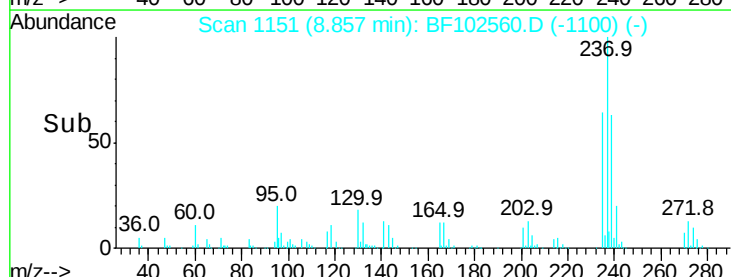
272 12.8 0.0 33.3

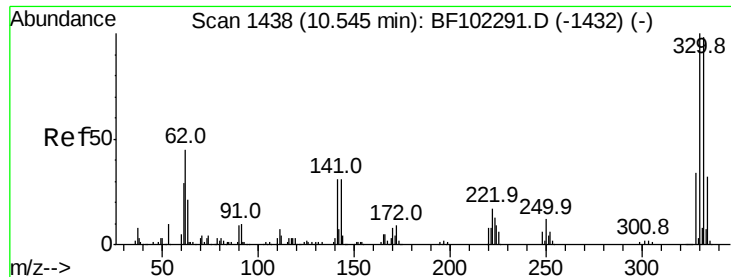


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

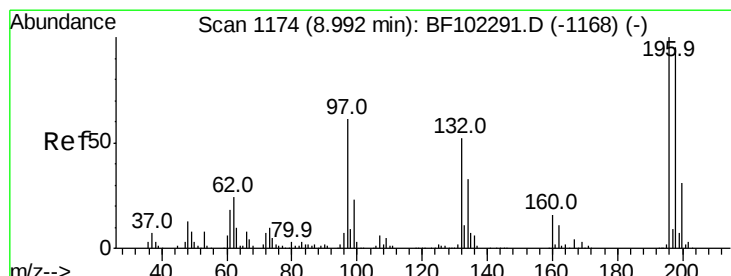
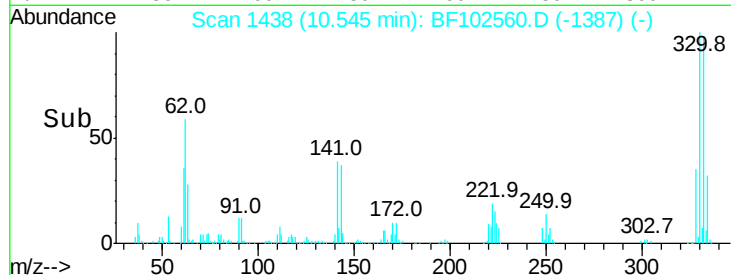
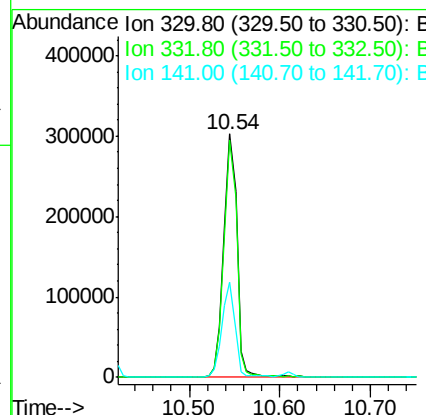
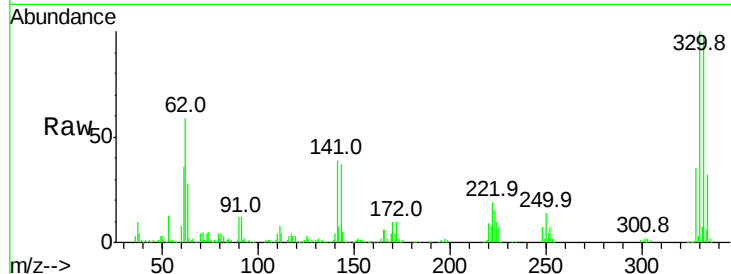




#41
 2,4,6-Tribromophenol
 Concen: 111.464 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102560.D
 Acq: 28 Jan 2018 16:33

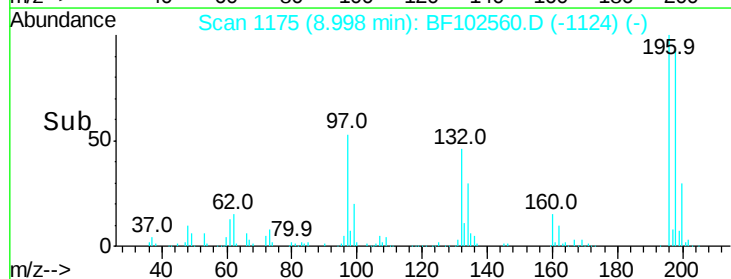
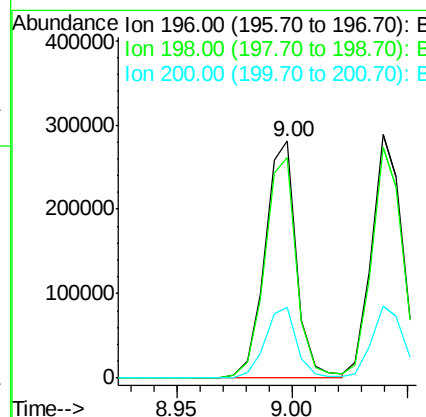
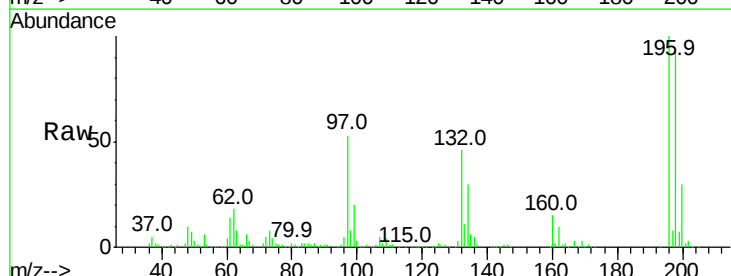
Instrument :
 BNA_F
 ClientSampled :

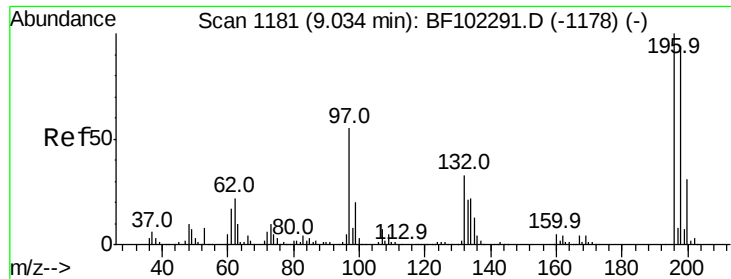
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	38.3	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 47.691 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102560.D
 Acq: 28 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.0	75.7	113.5
200	29.6	24.5	36.7

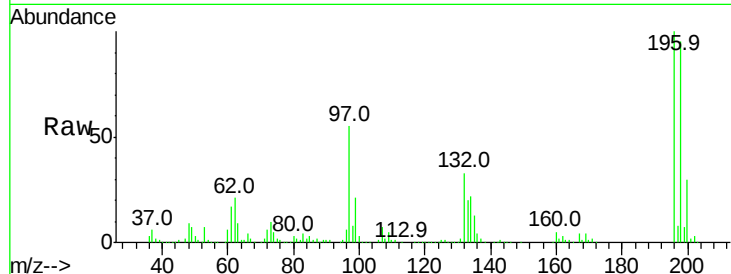




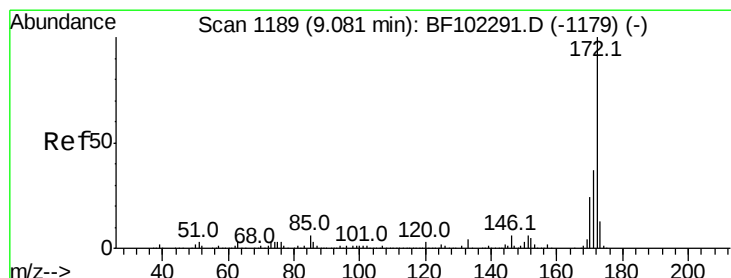
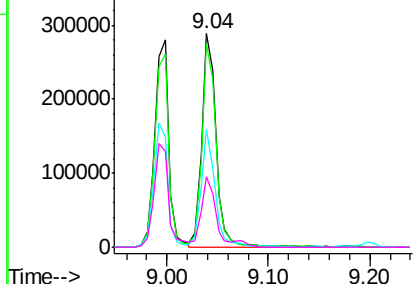
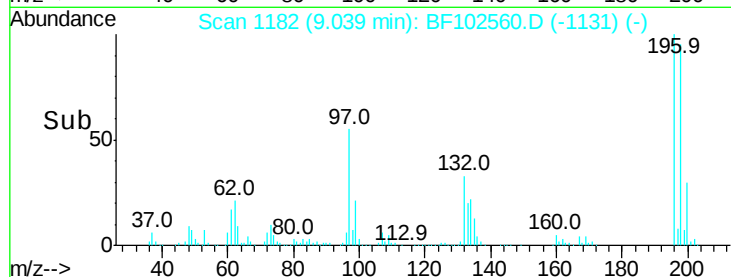
#43
 2,4,5-Trichlorophenol
 Concen: 44.736 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF102560.D
 Acq: 28 Jan 2018 16:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.6	112.0
97	55.4	42.9	64.3
132	33.1	26.3	39.5

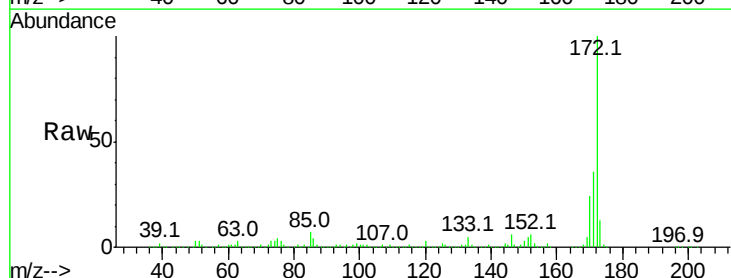


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

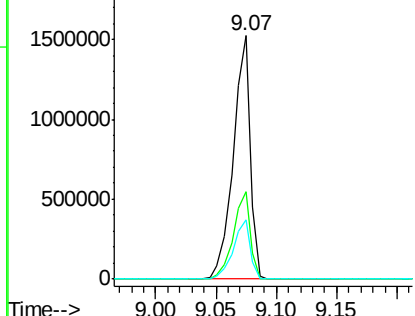
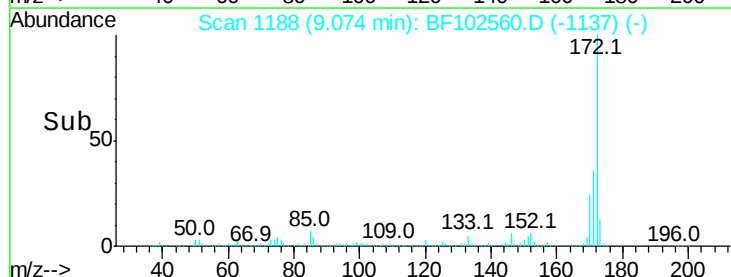


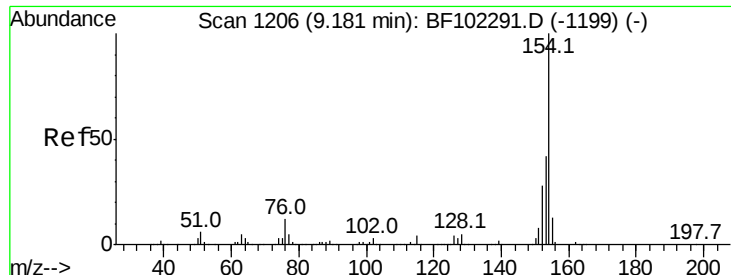
#44
 2-Fluorobiphenyl
 Concen: 79.091 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102560.D
 Acq: 28 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.1	19.6	29.4



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



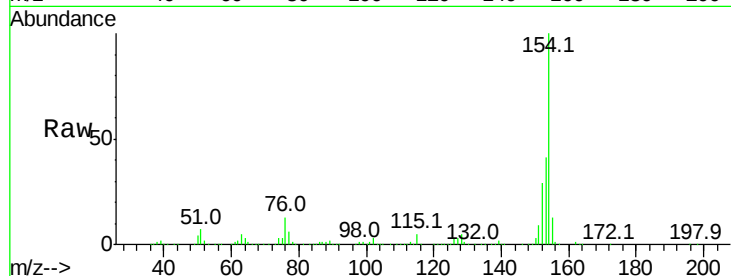


#45
 1,1'-Biphenyl
 Concen: 42.545 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF102560.D
 Acq: 28 Jan 2018 16:33

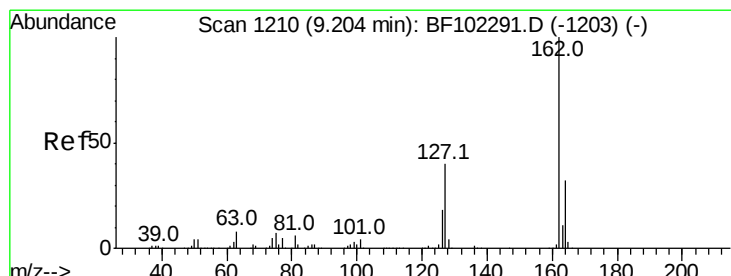
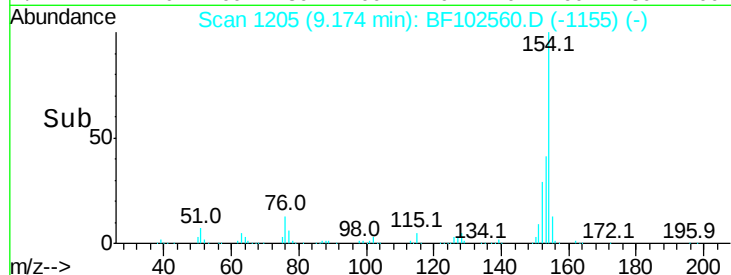
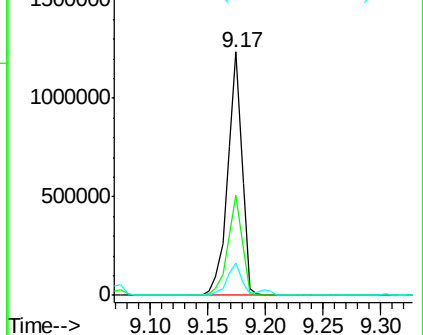
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1057759

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	13.3	0.0	34.0



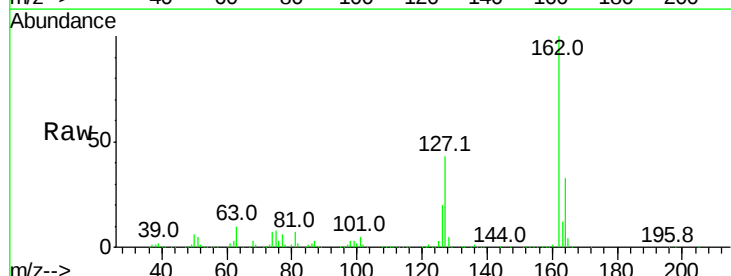
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



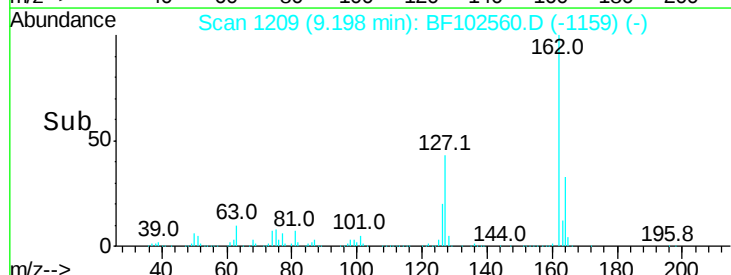
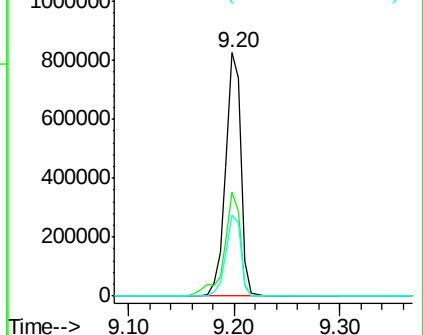
#46
 2-Chloronaphthalene
 Concen: 42.878 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF102560.D
 Acq: 28 Jan 2018 16:33

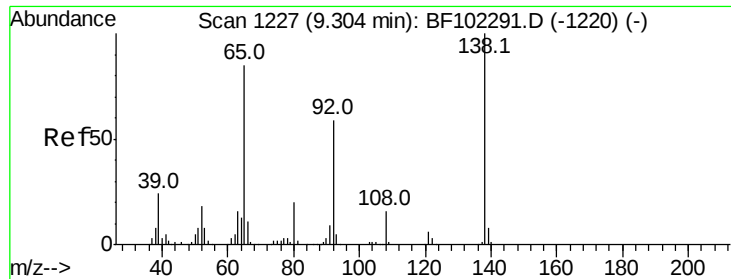
Tgt Ion:162 Resp: 828604

Ion	Ratio	Lower	Upper
162	100		
127	42.5	33.9	50.9
164	33.4	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: 50.205 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :

BNA_F

ClientSampleId :

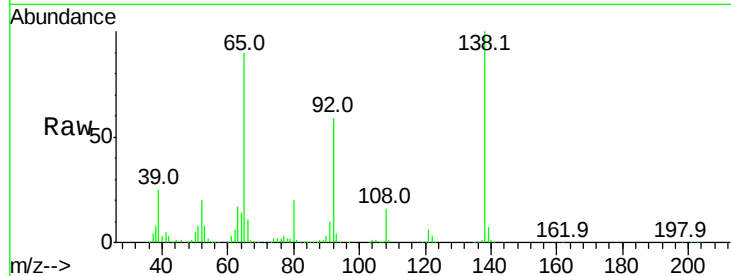
Tot Ion: 65 Resp: 302476

Ion Ratio Lower Upper

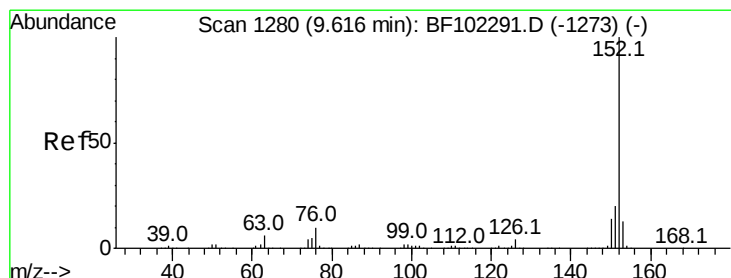
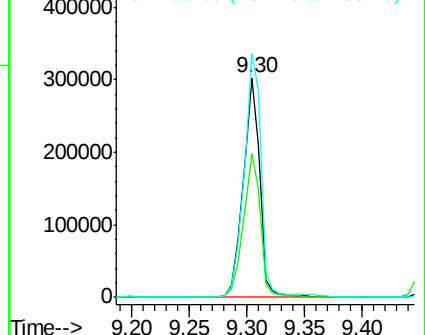
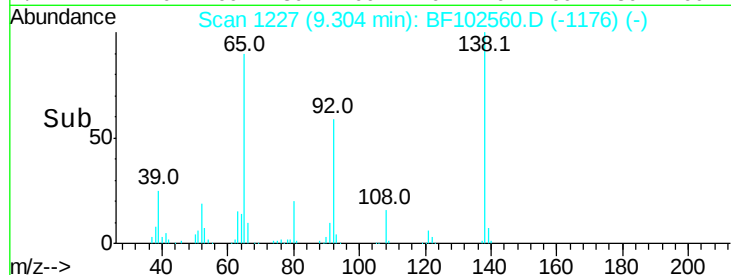
65 100

92 65.7 55.8 83.6

138 110.8 91.2 136.8



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



#48

Acenaphthylene

Concen: 41.524 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

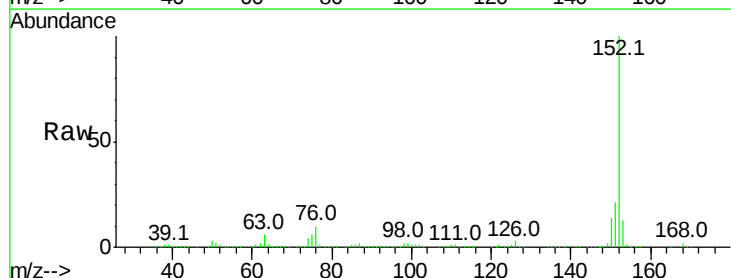
Tgt Ion: 152 Resp: 1250143

Ion Ratio Lower Upper

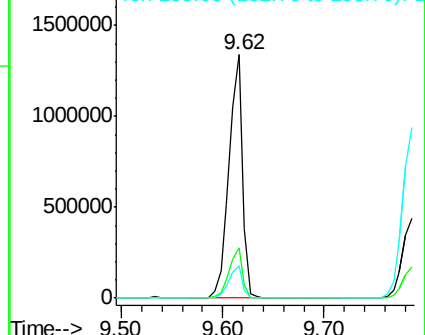
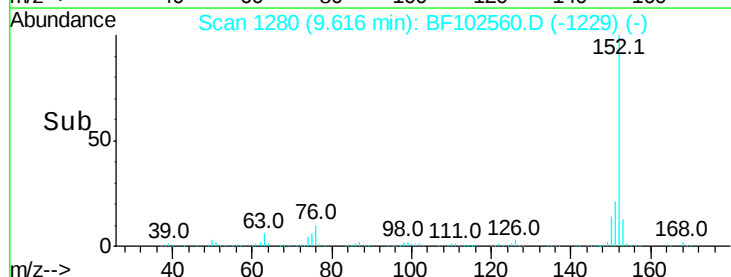
152 100

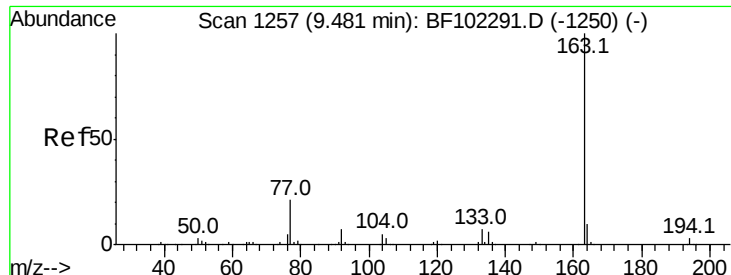
151 20.6 16.3 24.5

153 13.2 10.7 16.1



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

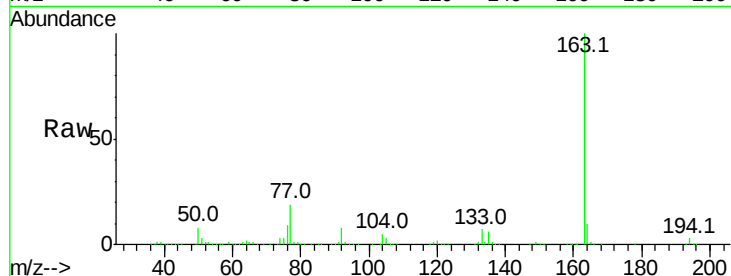




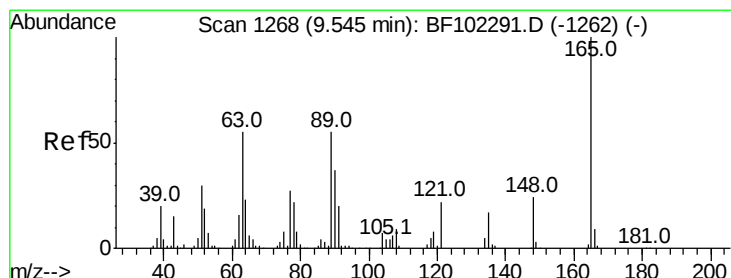
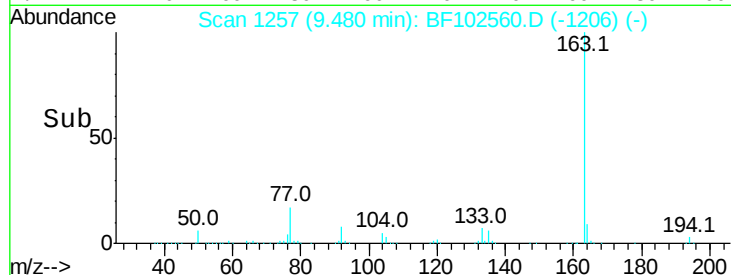
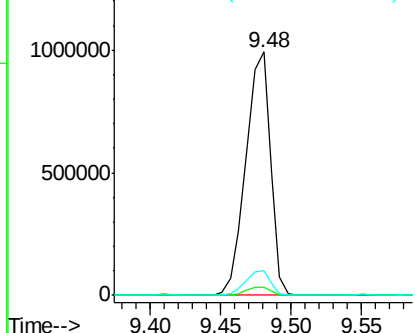
#49
Dimethylphthalate
Concen: 53.147 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1221436
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.0 8.2 12.2

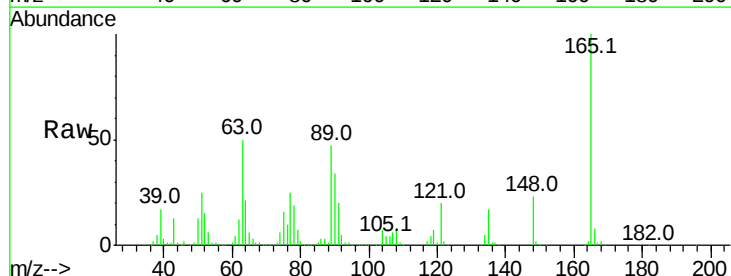


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

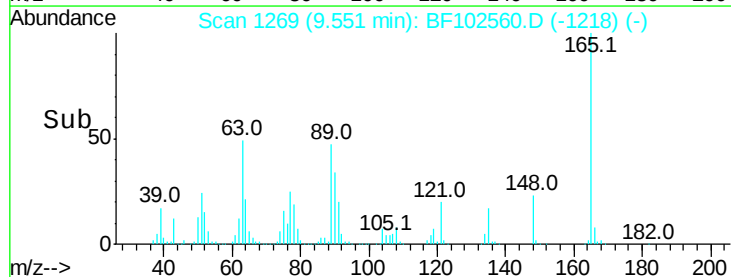
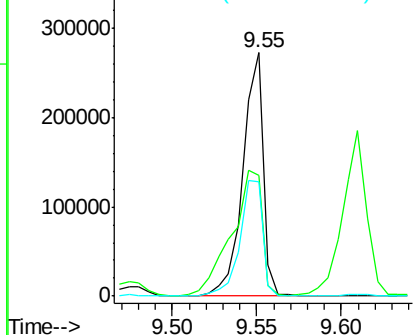


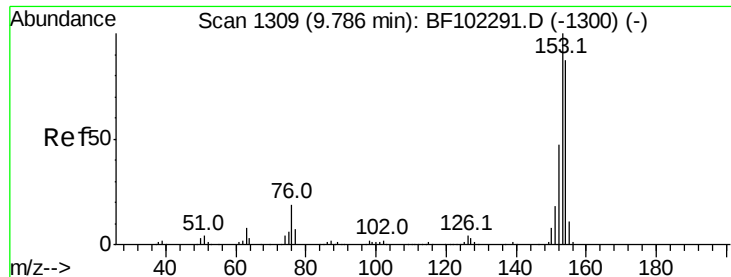
#50
2,6-Dinitrotoluene
Concen: 46.696 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Tgt Ion:165 Resp: 231380
Ion Ratio Lower Upper
165 100
63 49.6 44.7 67.1
89 47.0 44.0 66.0



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





#51

Acenaphthene

Concen: 42.318 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :

BNA_F

ClientSampleId :

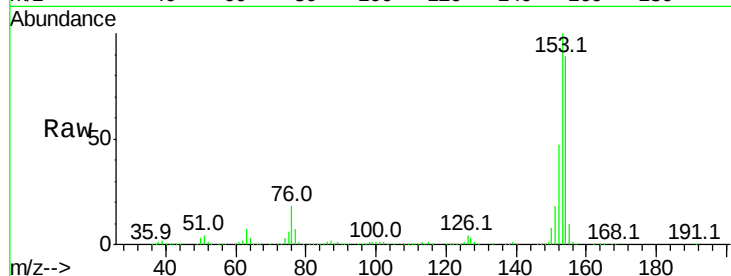
Tot Ion:154 Resp: 744087

Ion Ratio Lower Upper

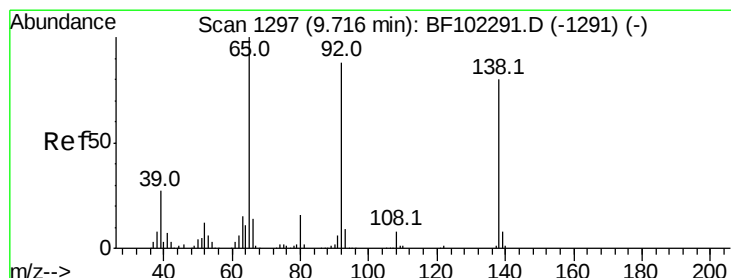
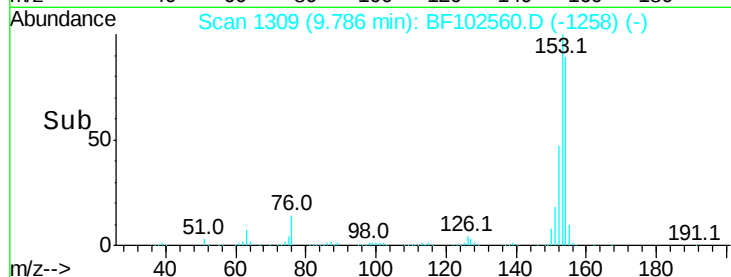
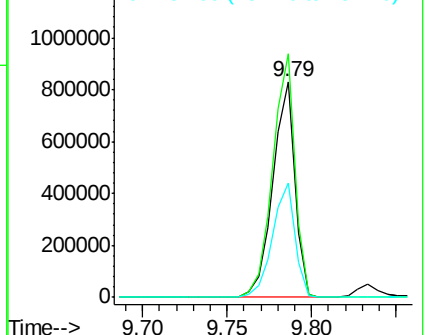
154 100

153 112.9 91.2 136.8

152 53.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.381 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

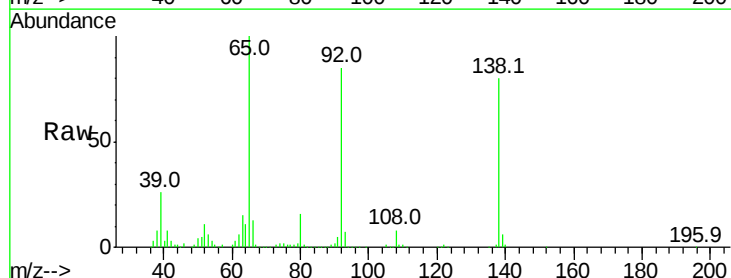
Tgt Ion:138 Resp: 137054

Ion Ratio Lower Upper

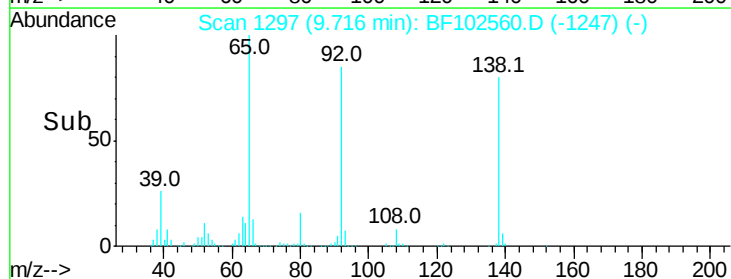
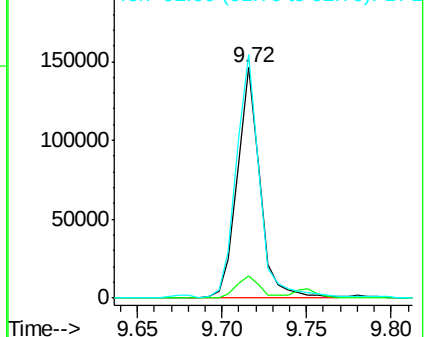
138 100

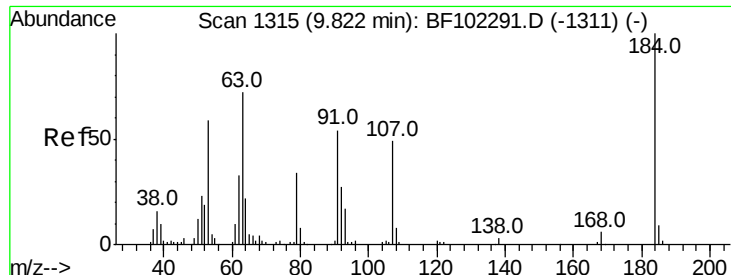
108 9.9 9.4 14.0

92 105.5 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

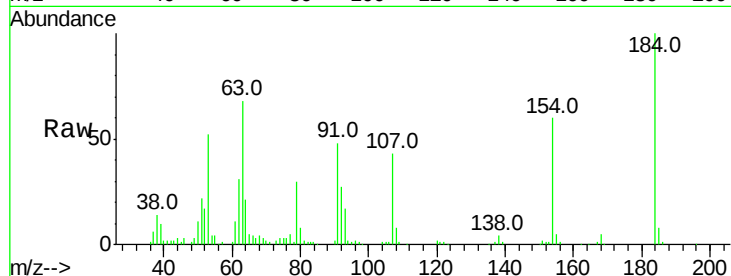




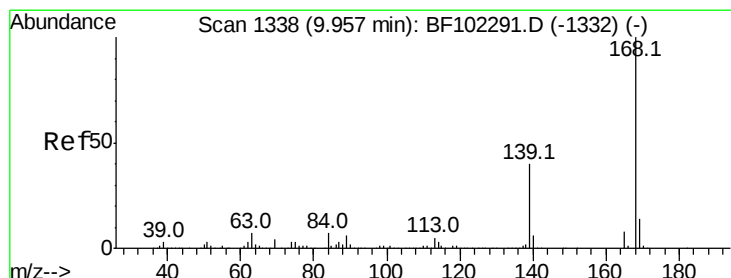
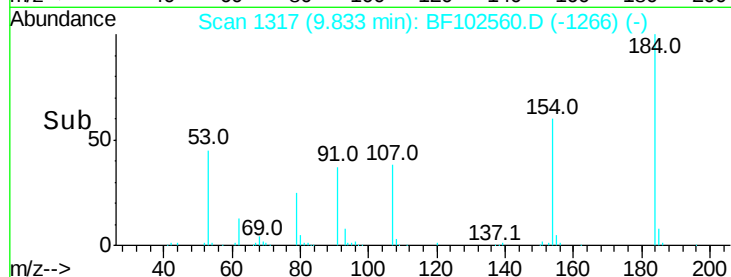
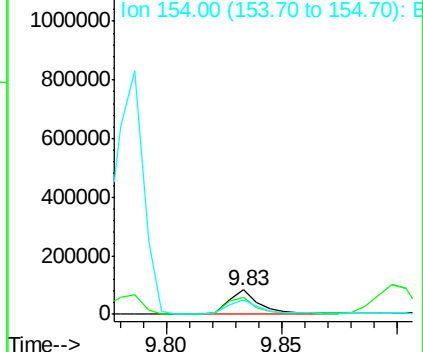
#53
2,4-Dinitrophenol
Concen: 38.831 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 81896
Ion Ratio Lower Upper
184 100
63 67.6 54.2 81.2
154 60.0 184.0 276.0#

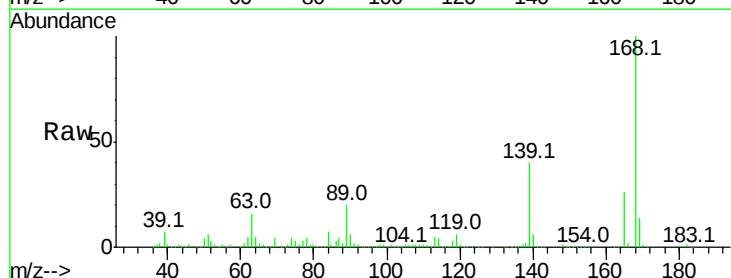


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

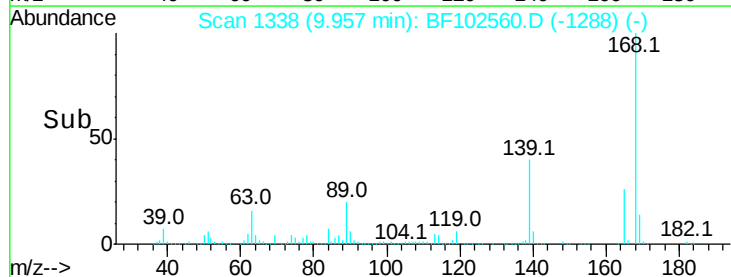
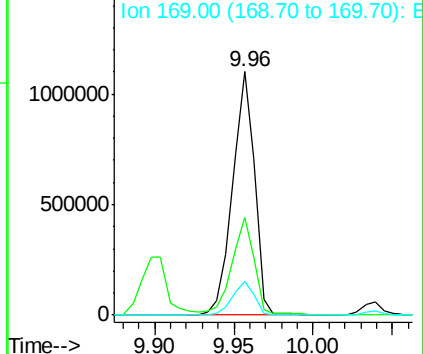


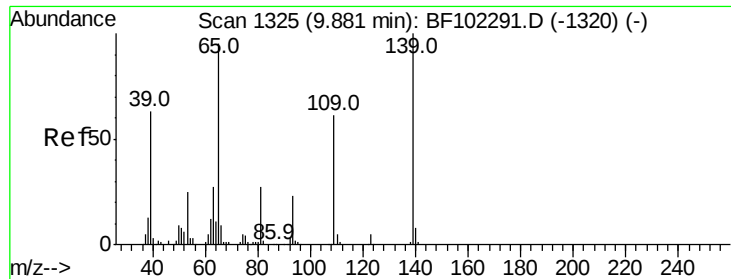
#54
Dibenzofuran
Concen: 44.496 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Tgt Ion:168 Resp: 1058862
Ion Ratio Lower Upper
168 100
139 39.9 30.1 45.1
169 13.8 10.9 16.3



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





#55

4-Nitrophenol

Concen: 78.816 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :
BNA_F
ClientSampled :

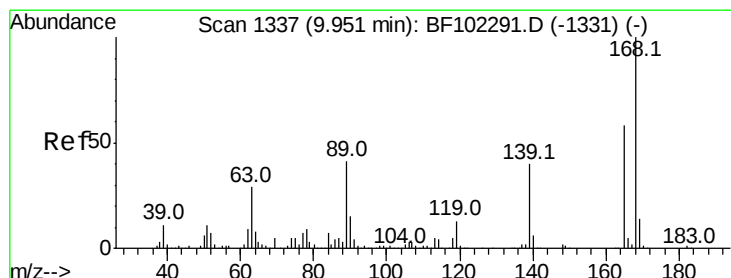
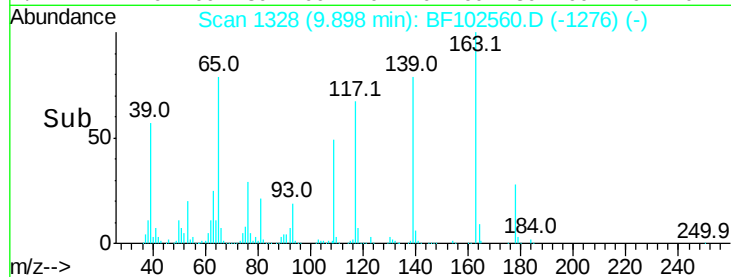
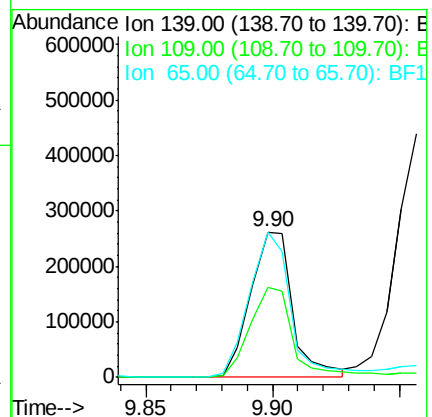
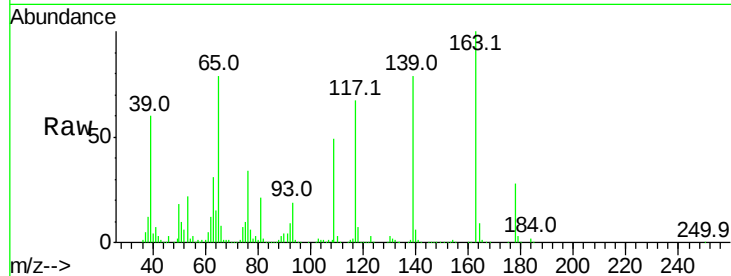
Tot Ion:139 Resp: 304962

Ion Ratio Lower Upper

139 100

109 61.9 48.4 88.4

65 100.1 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 44.351 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Tgt Ion:165 Resp: 270244

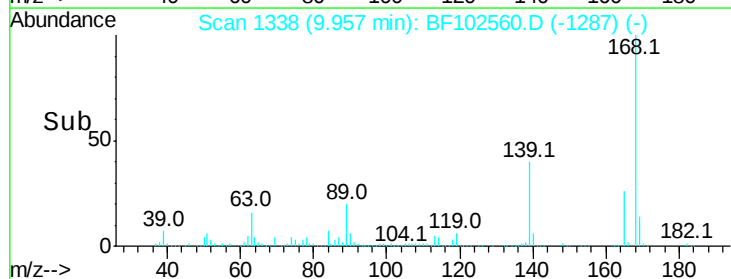
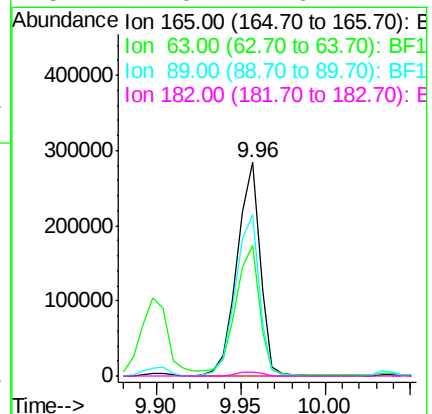
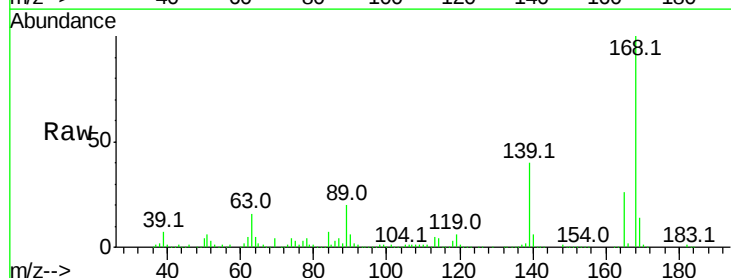
Ion Ratio Lower Upper

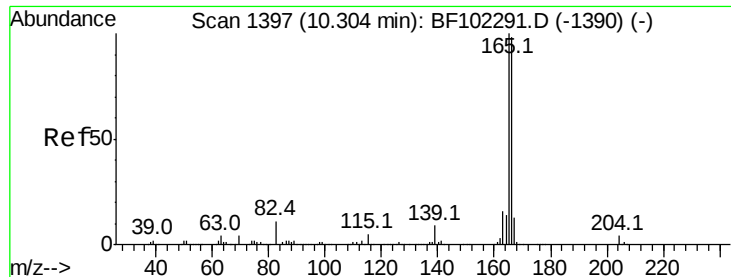
165 100

63 61.4 36.4 54.6#

89 75.7 57.8 86.6

182 2.0 1.6 2.4

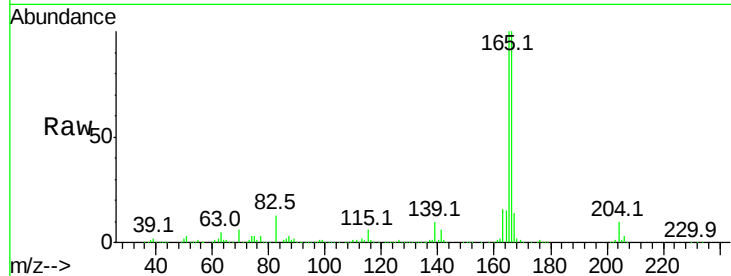




#57
 Fluorene
 Concen: 44.648 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF102560.D
 Acq: 28 Jan 2018 16:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.8	119.8
167	14.0	10.6	16.0

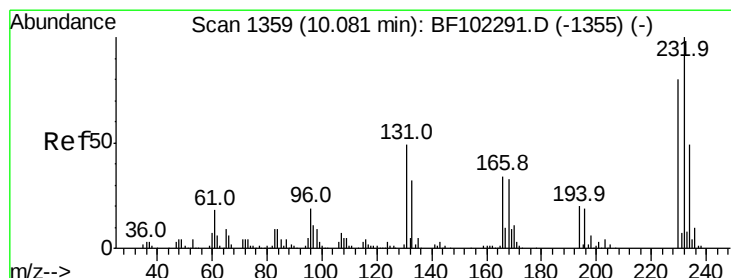
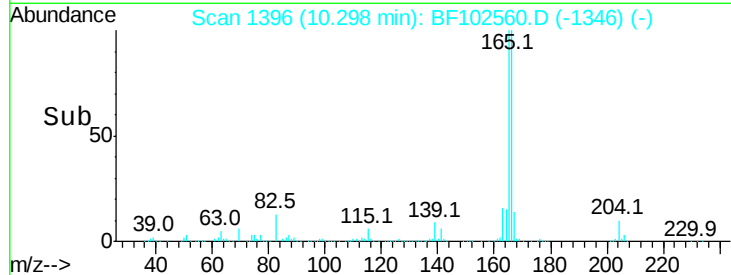
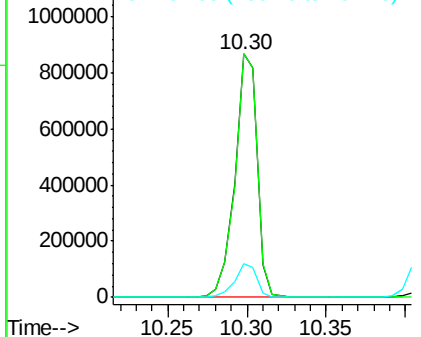


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.182 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF102560.D
 Acq: 28 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.1	43.8	65.8
130	2.4	2.1	3.1
166	34.8	27.8	41.6

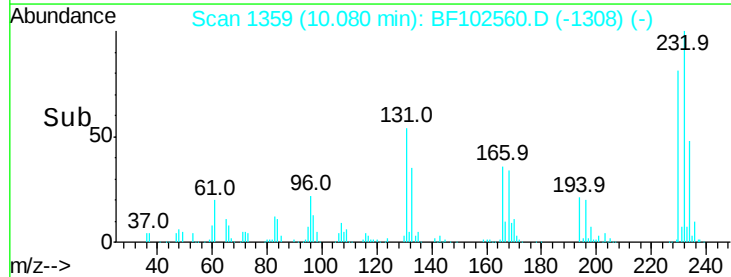
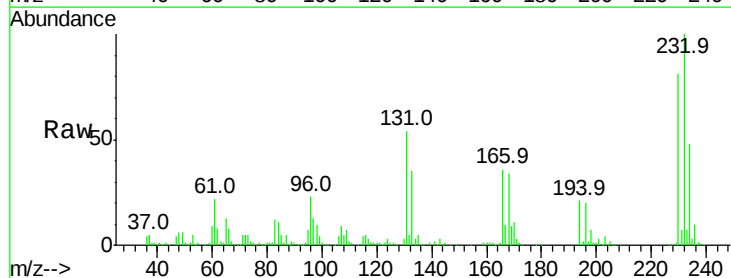
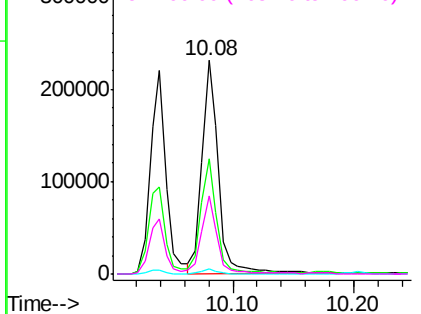
Abundance

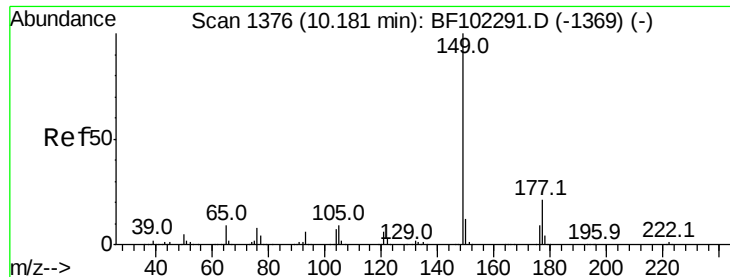
Ion 232.00 (231.70 to 232.70): E

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

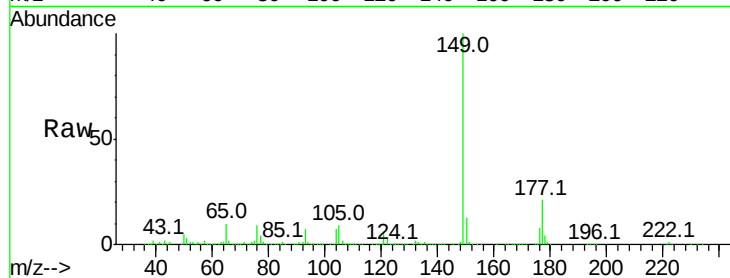




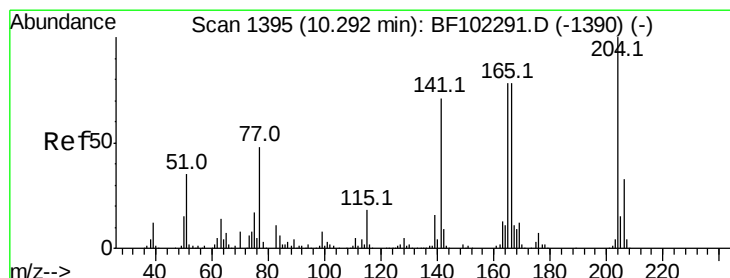
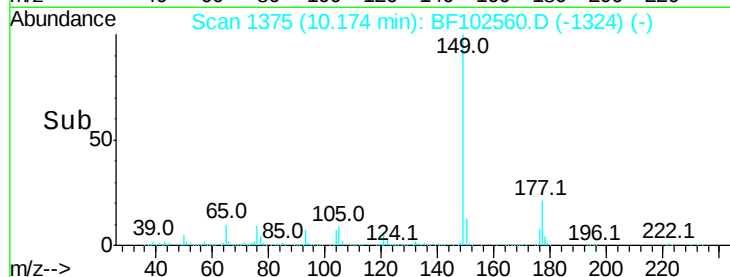
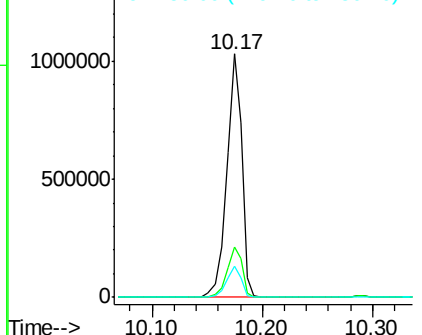
#59
Diethylphthalate
Concen: 43.670 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 975280
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.7 10.1 15.1

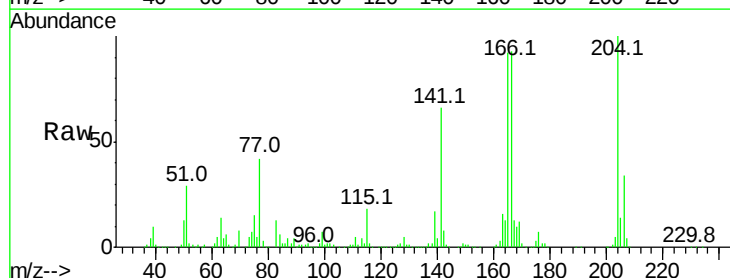


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

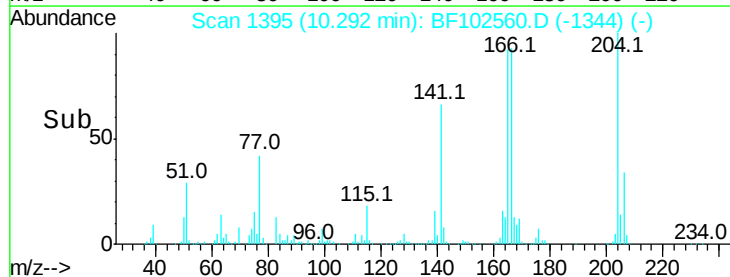
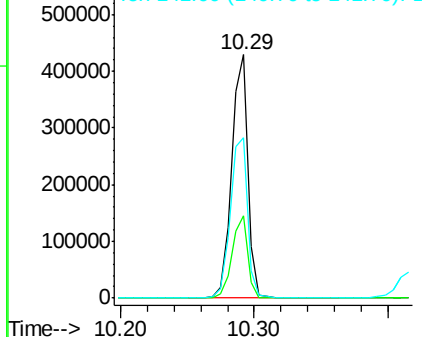


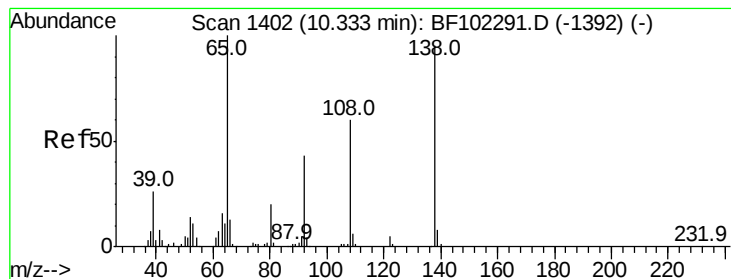
#60
4-Chlorophenyl-phenylether
Concen: 45.139 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Tgt Ion:204 Resp: 369027
Ion Ratio Lower Upper
204 100
206 33.9 26.5 39.7
141 66.1 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: 41.931 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :

BNA_F

ClientSampleId :

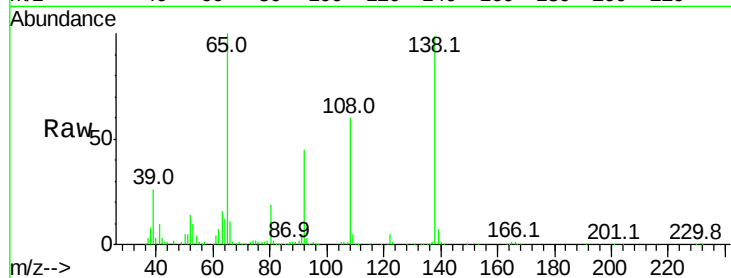
Tot Ion:138 Resp: 245259

Ion Ratio Lower Upper

138 100

92 45.3 30.2 70.2

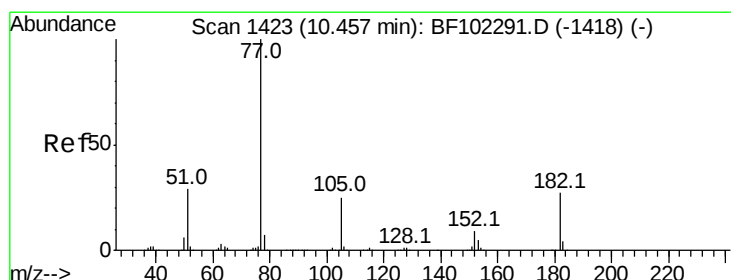
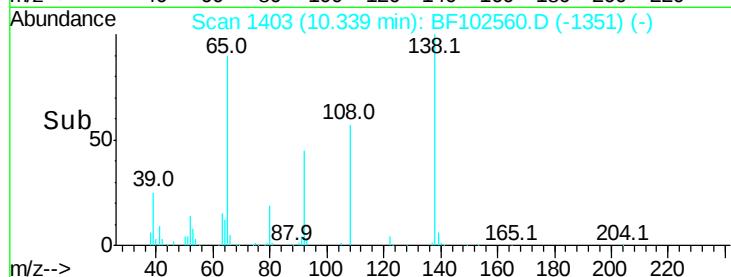
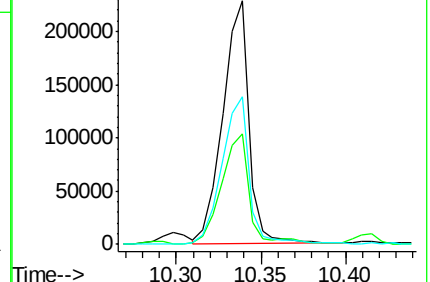
108 60.4 52.5 92.5



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: 45.362 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Tgt Ion: 77 Resp: 927536

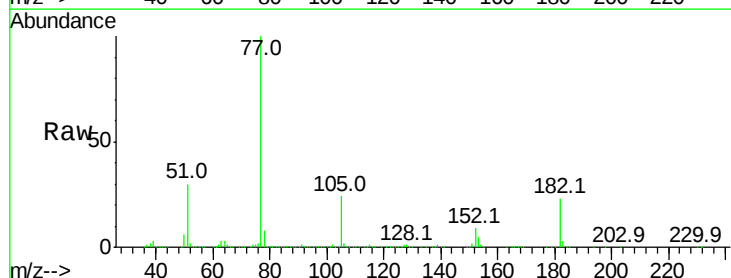
Ion Ratio Lower Upper

77 100

182 23.2 1.7 41.7

105 24.2 3.0 43.0

51 30.1 9.9 49.9

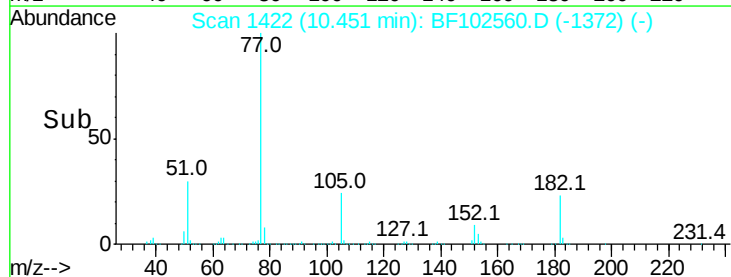
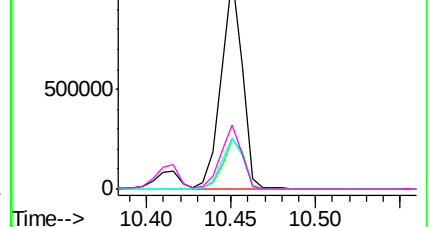


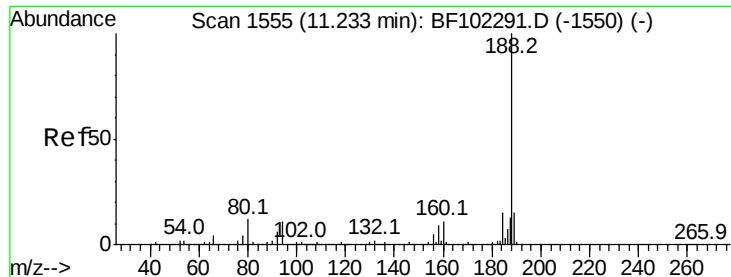
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

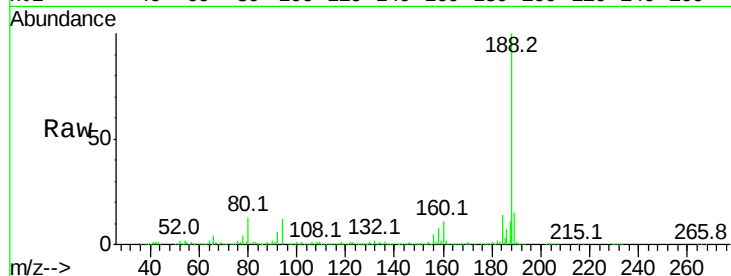




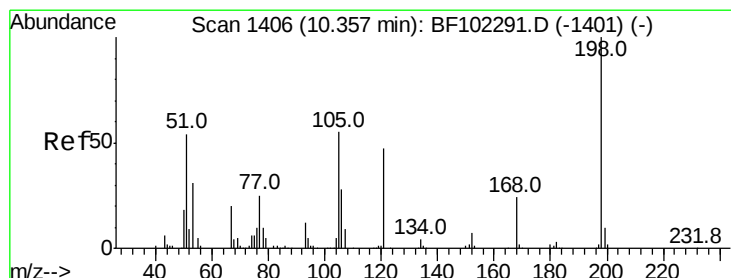
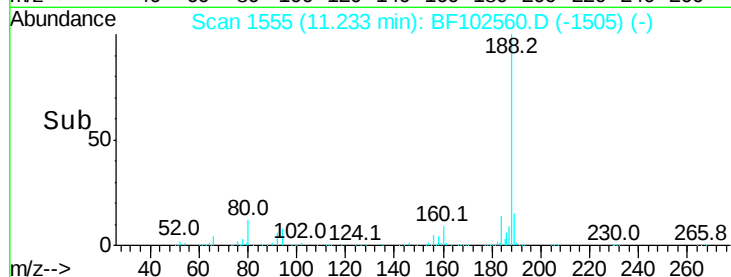
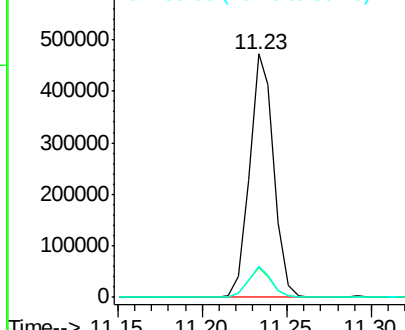
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 471439
Ion Ratio Lower Upper
188 100
94 12.3 8.5 12.7
80 12.8 9.2 13.8

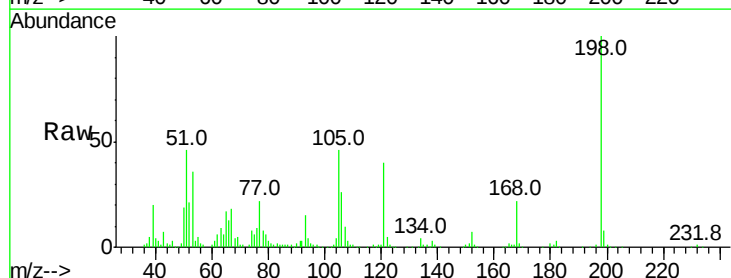


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

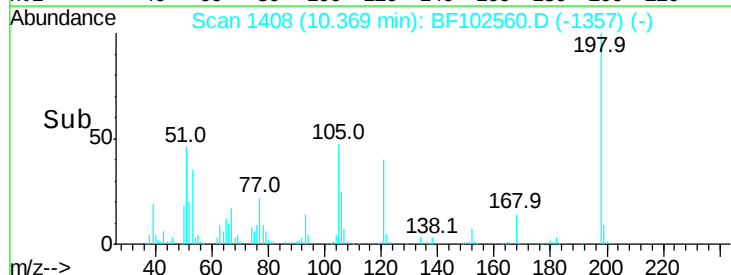
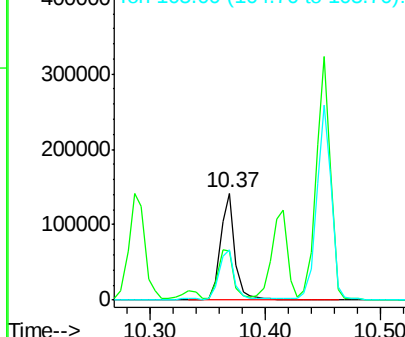


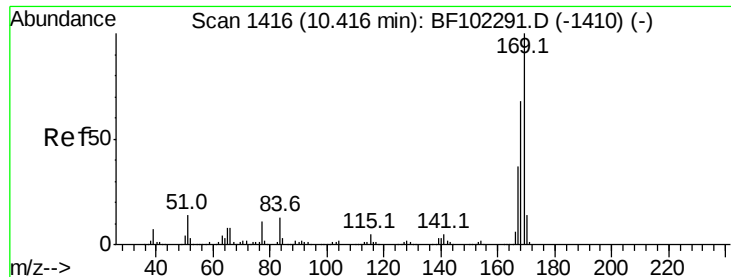
#64
4,6-Dinitro-2-methylphenol
Concen: 39.185 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Tgt Ion:198 Resp: 123248
Ion Ratio Lower Upper
198 100
51 46.2 37.7 77.7
105 46.5 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 45.692 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :

BNA_F

ClientSampleId :

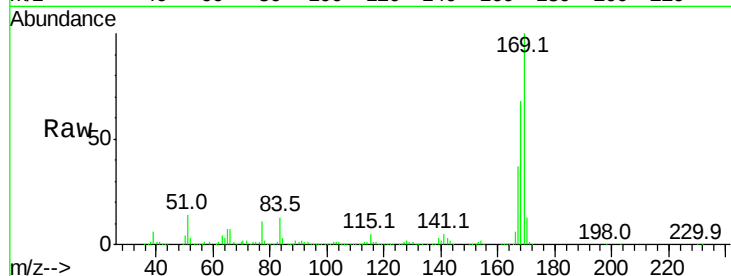
Tot Ion:169 Resp: 790646

Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.4	81.6
167	36.9	29.8	44.6

169 100

168 67.7 54.4 81.6

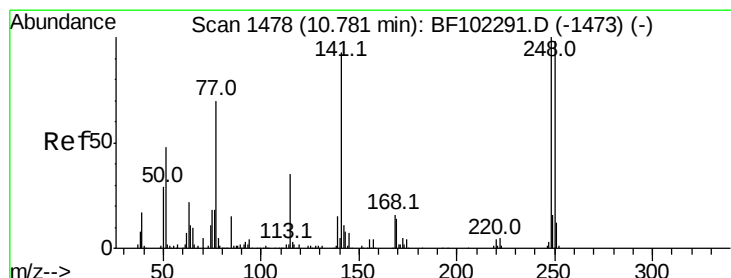
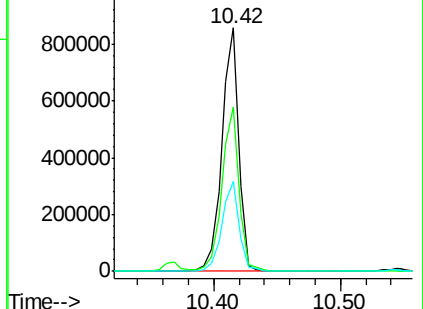
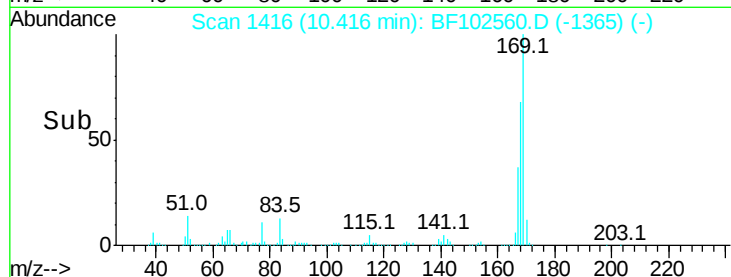
167 36.9 29.8 44.6



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: 45.674 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

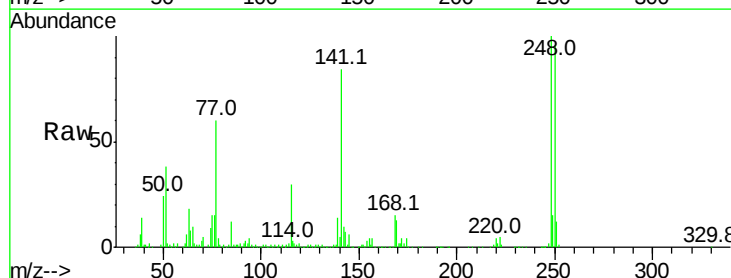
Tgt Ion:248 Resp: 231798

Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.9	115.3
141	84.5	74.4	111.6

248 100

250 96.3 76.9 115.3

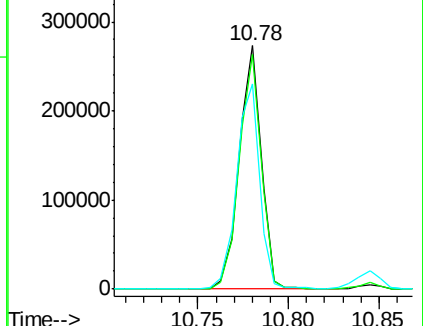
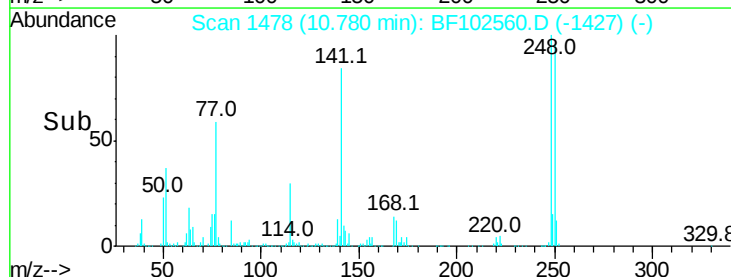
141 84.5 74.4 111.6

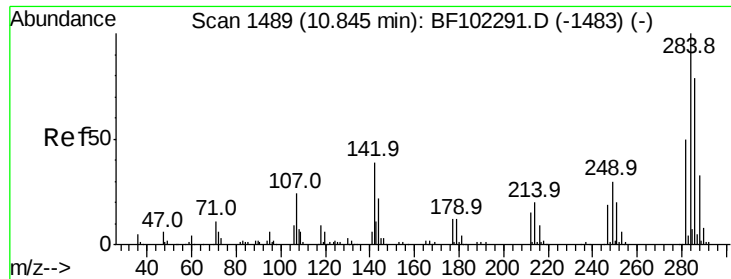


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

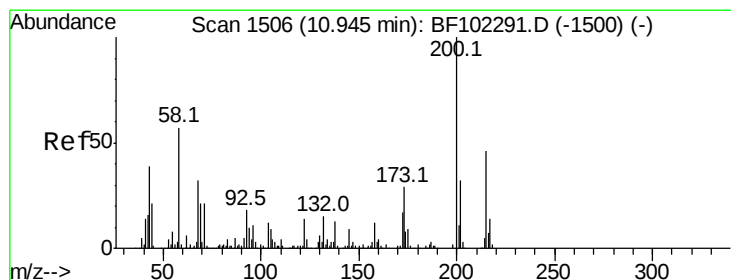
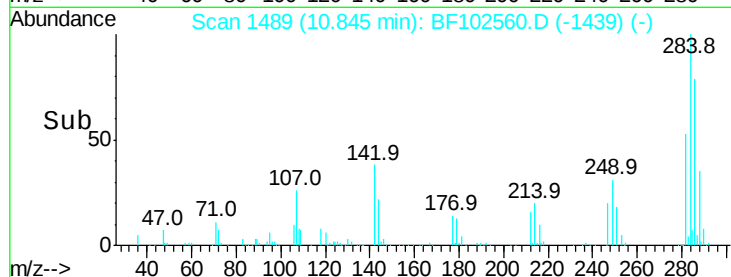
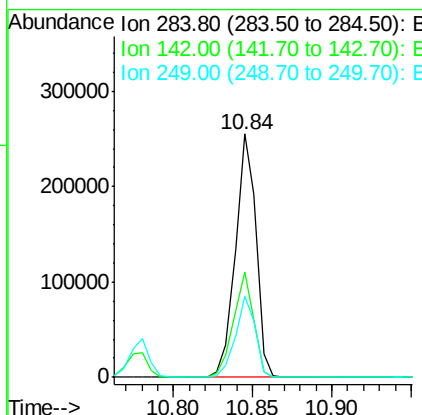
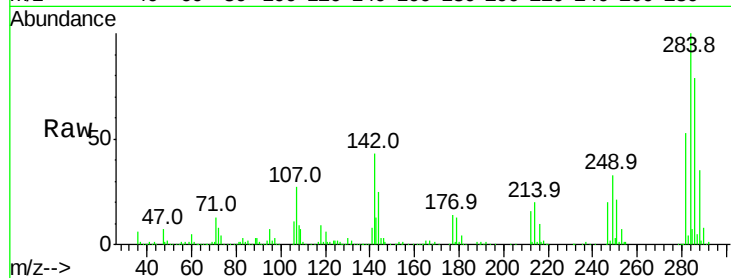




#67
Hexachlorobenzene
Concen: 40.639 ng
RT: 10.84 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

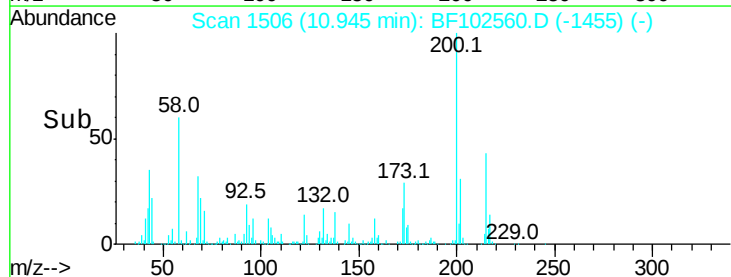
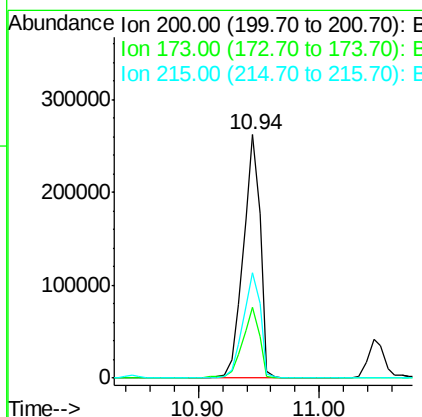
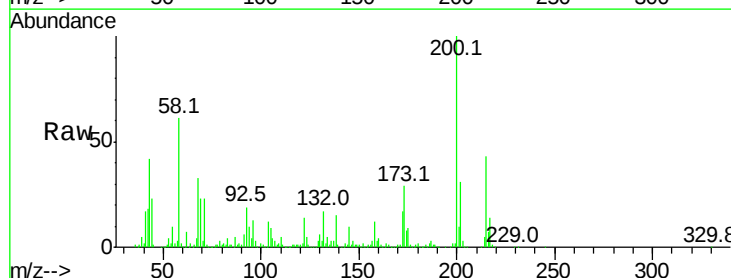
Instrument :
BNA_F
ClientSampleId :

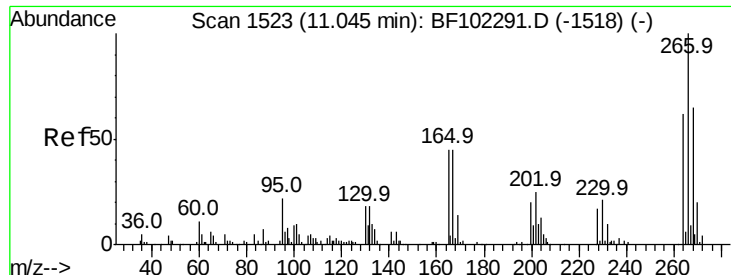
Tot Ion	Ratio	Lower	Upper
284	100		
142	43.1	34.6	52.0
249	33.2	24.8	37.2



#68
Atrazine
Concen: 50.365 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.9	8.6	48.6
215	43.4	25.1	65.1

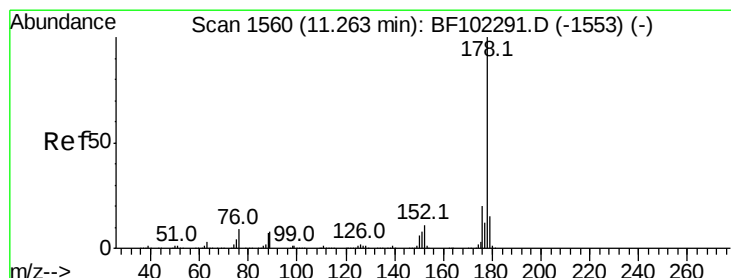
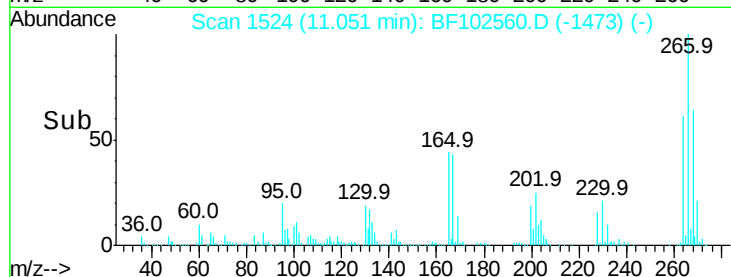
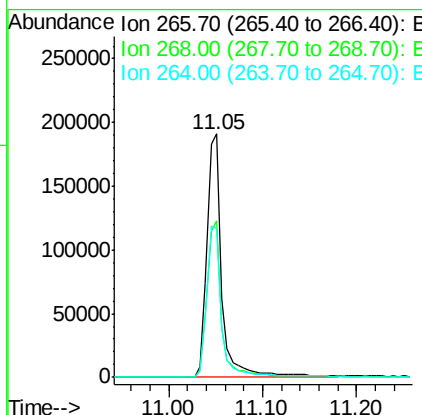
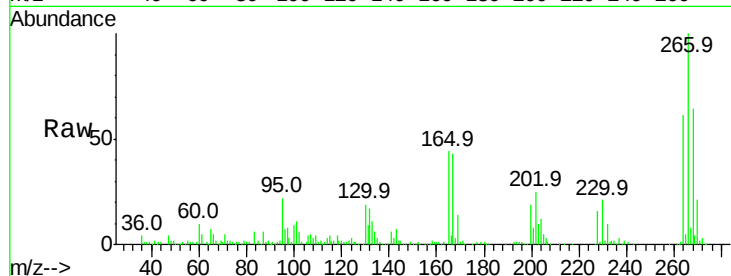




#69
 Pentachlorophenol
 Concen: 72.411 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.00 min
 Lab File: BF102560.D
 Acq: 28 Jan 2018 16:33

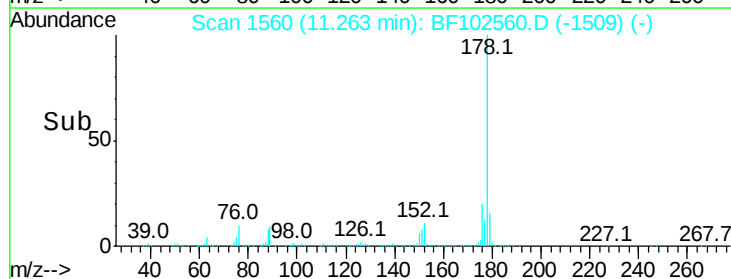
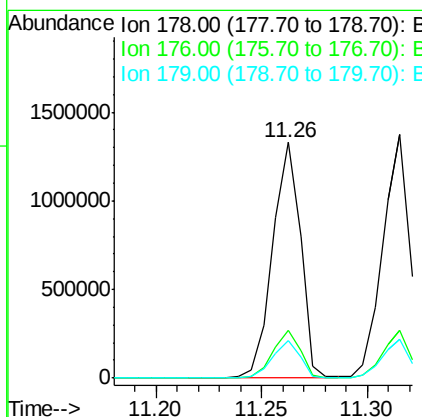
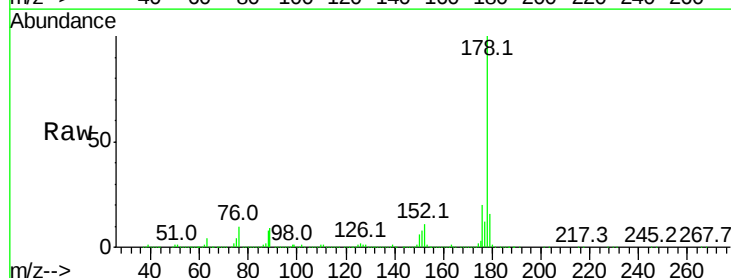
Instrument :
 BNA_F
 ClientSampled :

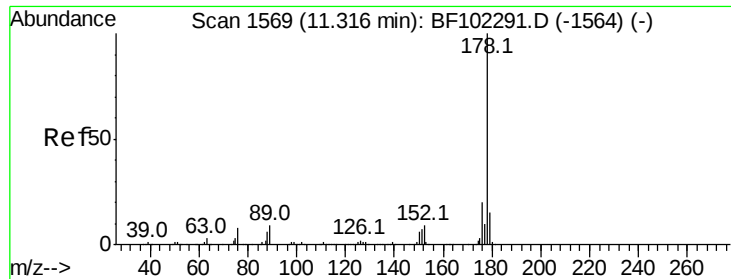
Tot Ion:266 Resp: 215901
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.1 76.7
 264 61.2 49.5 74.3



#70
 Phenanthrene
 Concen: 44.588 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF102560.D
 Acq: 28 Jan 2018 16:33

Tgt Ion:178 Resp: 1224902
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.9 13.0 19.6



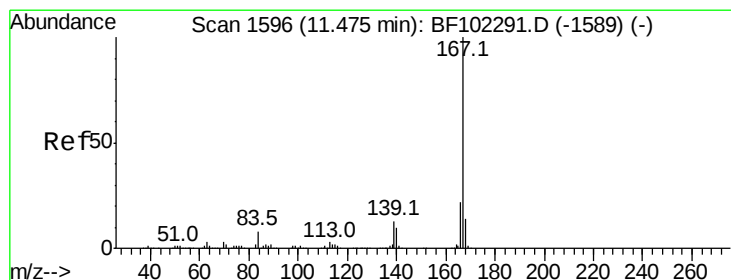
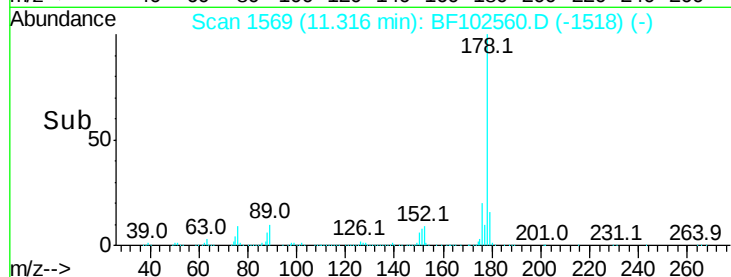
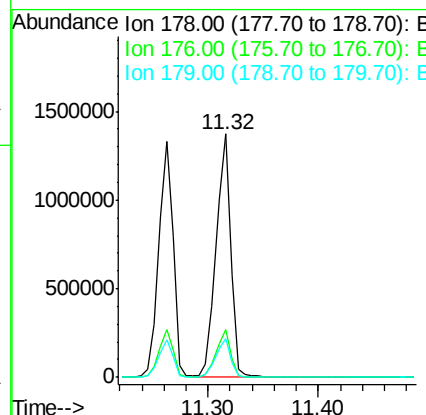
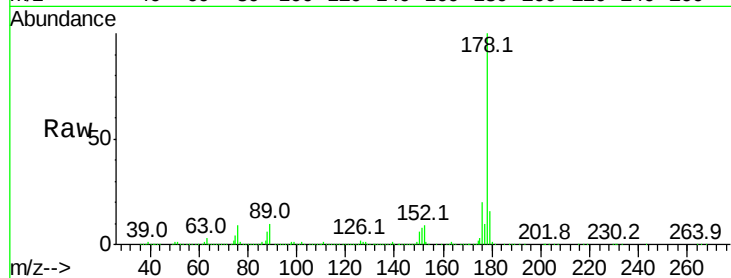


#71
 Anthracene
 Concen: 44.503 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF102560.D
 Acq: 28 Jan 2018 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1247884

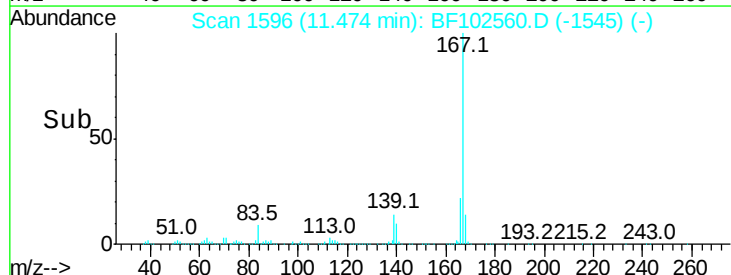
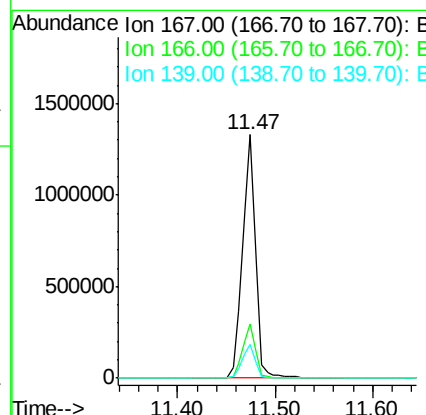
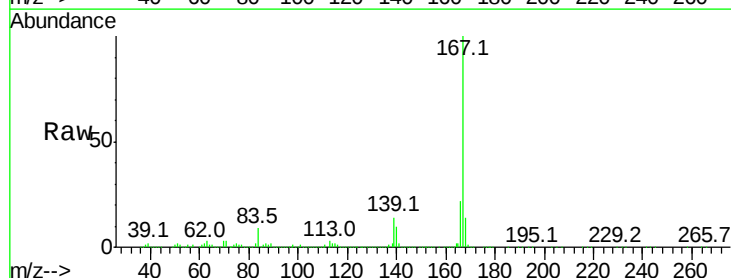
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.7	12.6	19.0

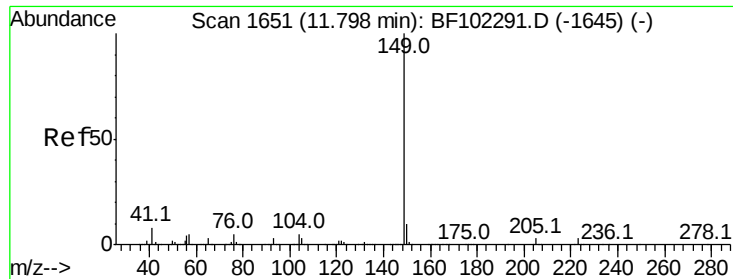


#72
 Carbazole
 Concen: 44.753 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102560.D
 Acq: 28 Jan 2018 16:33

Tgt Ion:167 Resp: 1224230

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 42.768 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :

BNA_F

ClientSampleId :

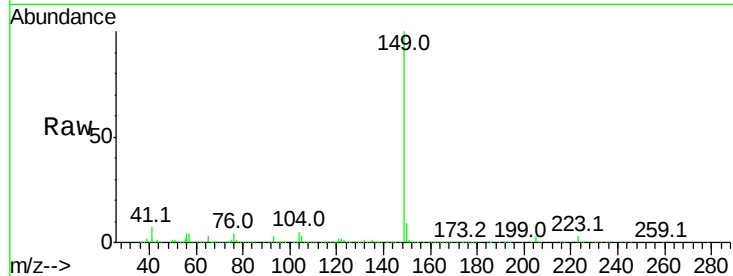
Tot Ion:149 Resp: 1462381

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

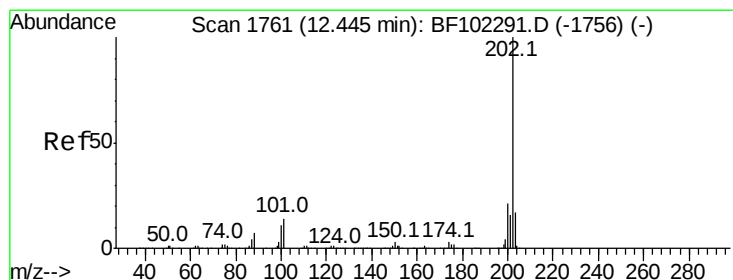
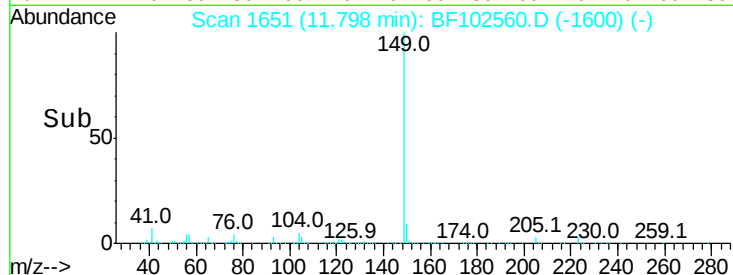
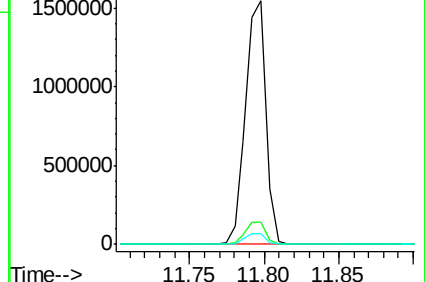
104 4.5 3.8 5.8



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: 43.012 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

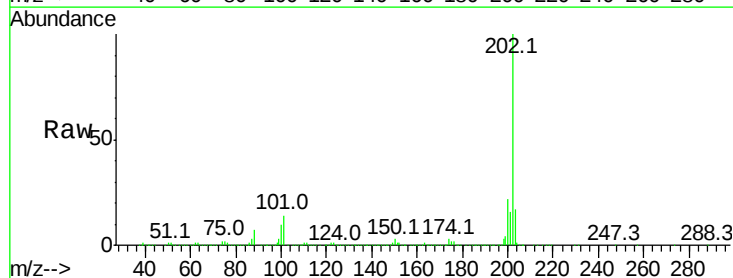
Tgt Ion:202 Resp: 1204961

Ion Ratio Lower Upper

202 100

101 14.2 0.0 34.1

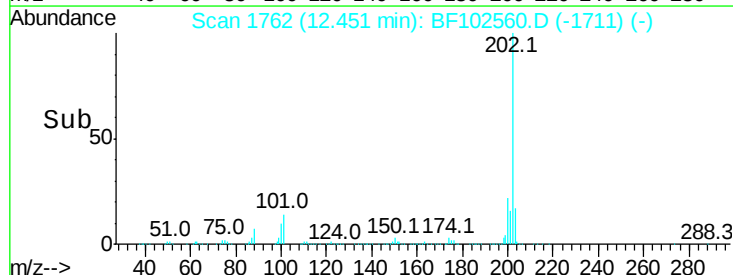
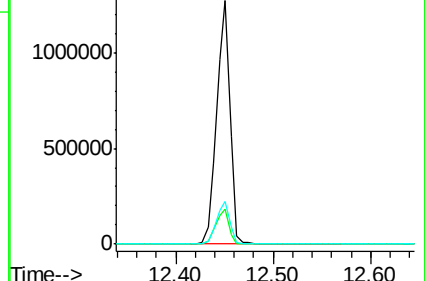
203 17.4 0.0 38.1

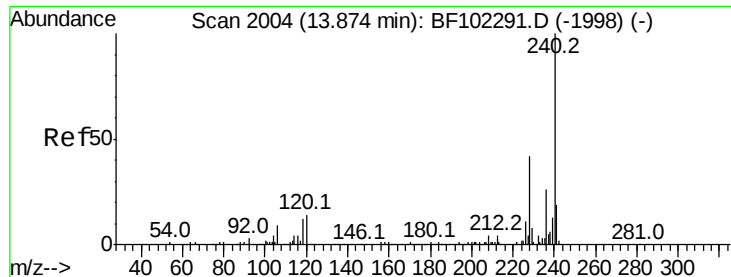


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :

BNA_F

ClientSampleId :

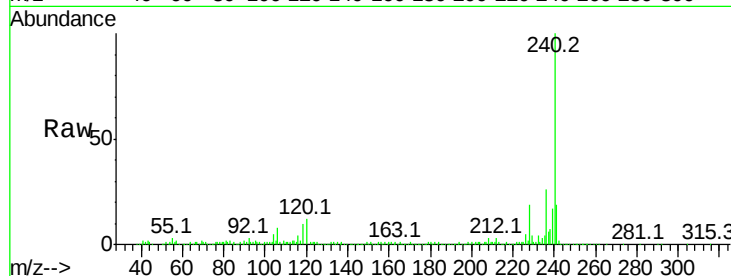
Tot Ion:240 Resp: 297489

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

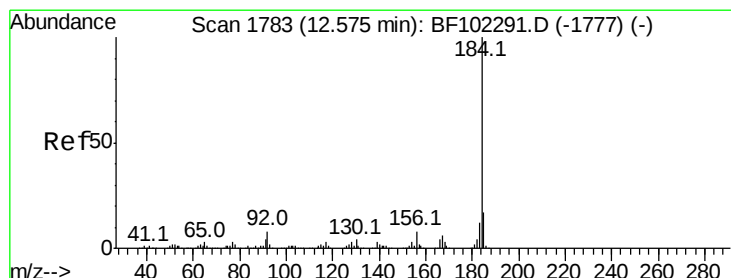
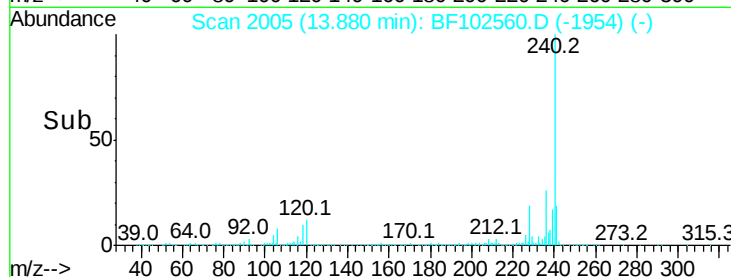
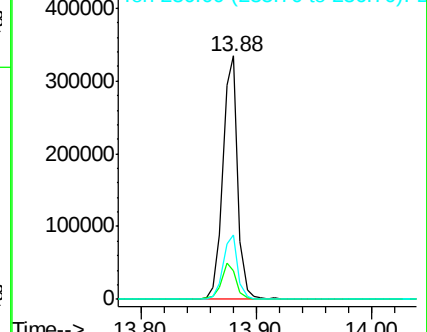
236 26.4 20.7 31.1



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: 42.864 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

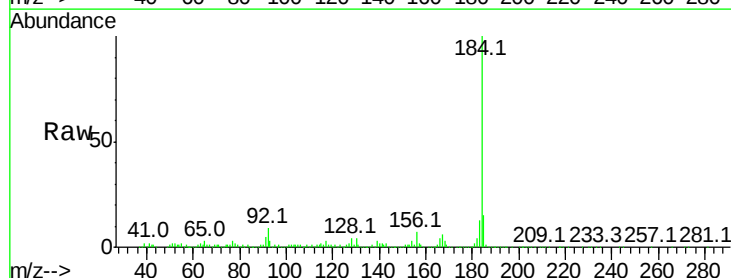
Tgt Ion:184 Resp: 428371

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

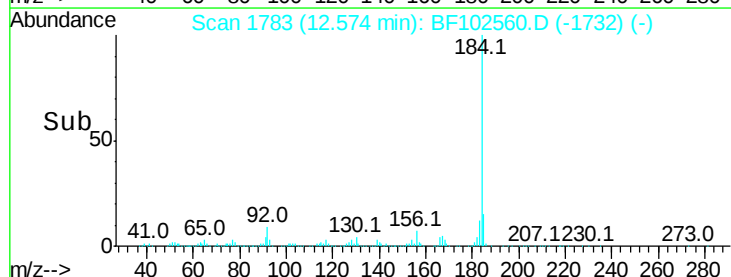
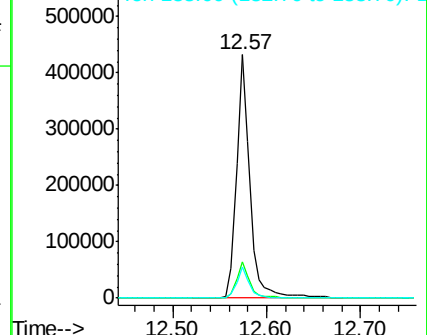
183 12.5 9.3 13.9

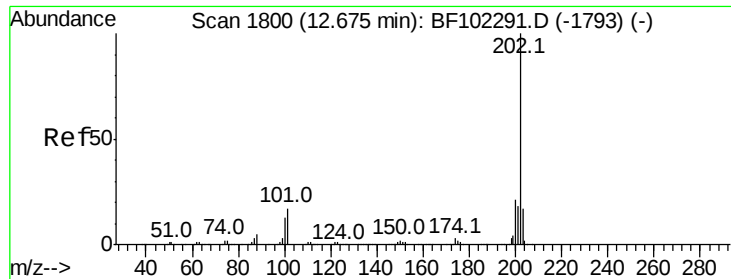


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 51.987 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :

BNA_F

ClientSampleId :

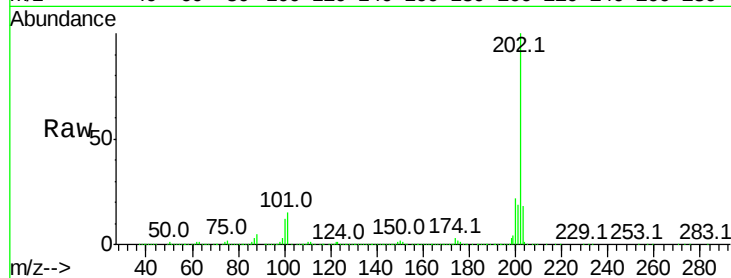
Tot Ion:202 Resp: 1195753

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

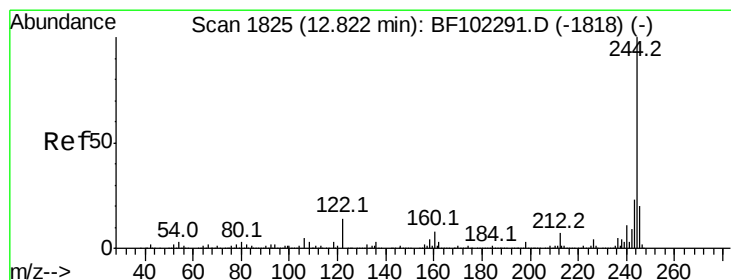
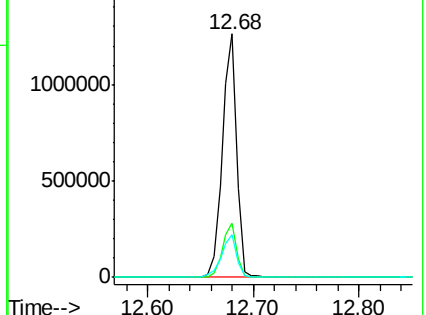
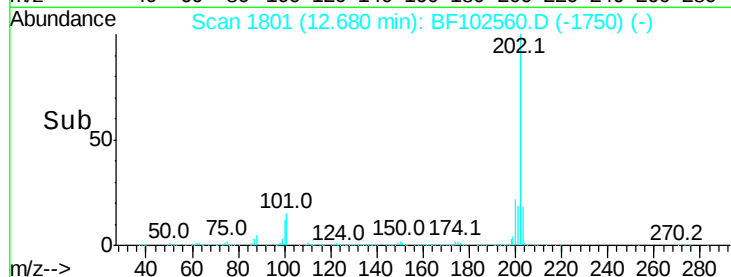
203 17.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 100.769 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

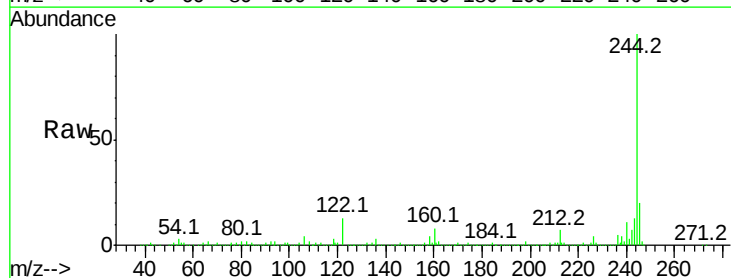
Tgt Ion:244 Resp: 1329759

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

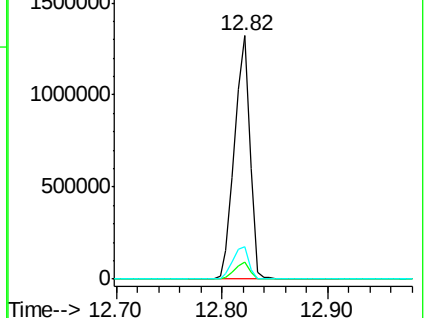
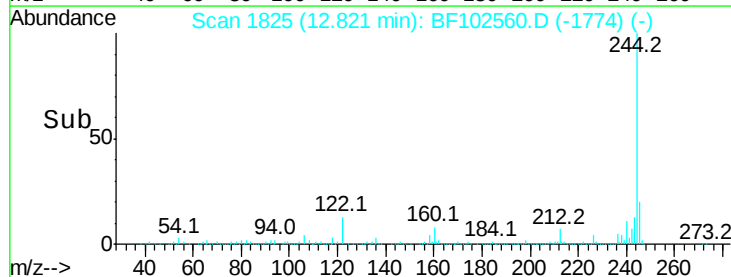
122 13.5 11.0 16.4

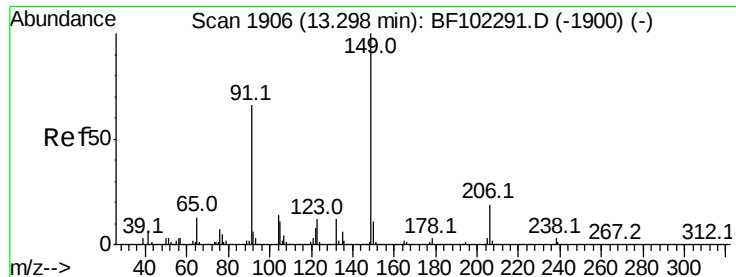


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

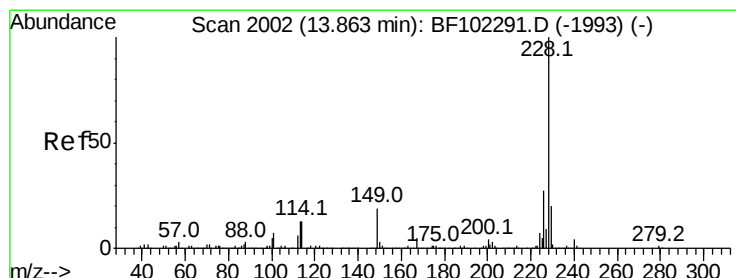
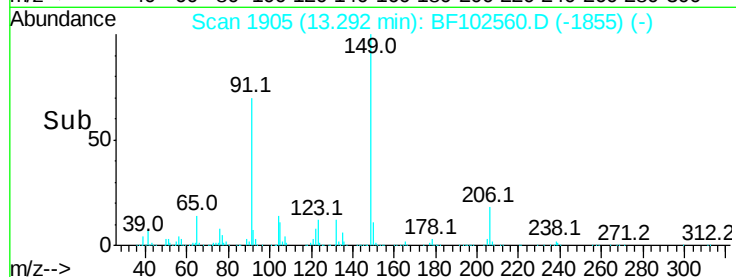
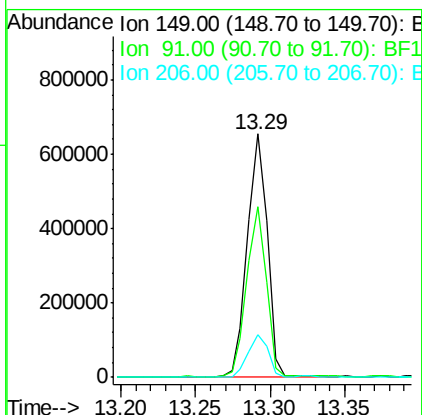
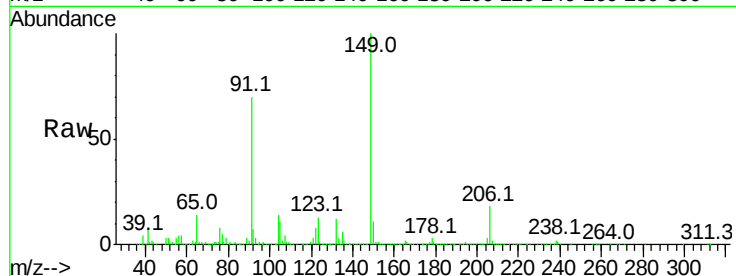




#79
Butylbenzylphthalate
Concen: 52.150 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

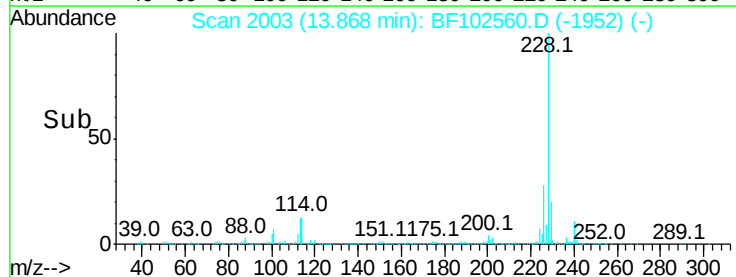
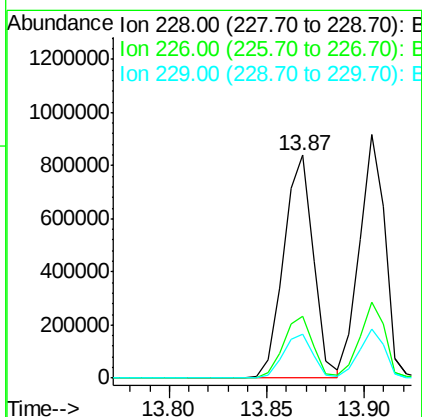
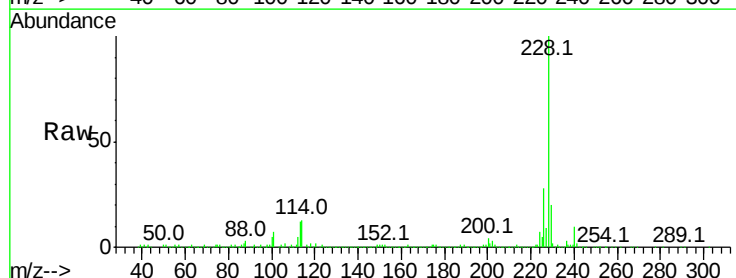
Instrument :
BNA_F
ClientSampleId :

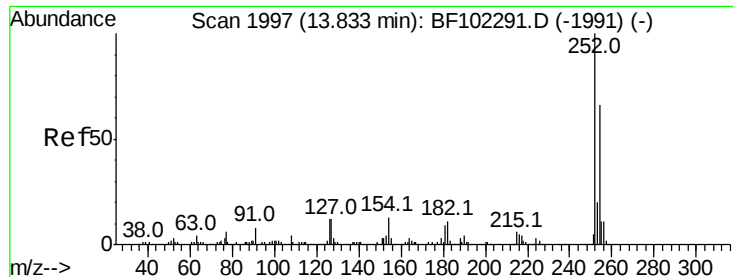
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.9	56.8	85.2
206	17.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 48.376 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF102560.D
Acq: 28 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.0	15.8	23.6

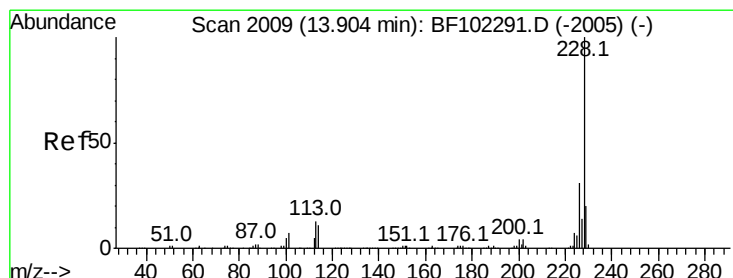
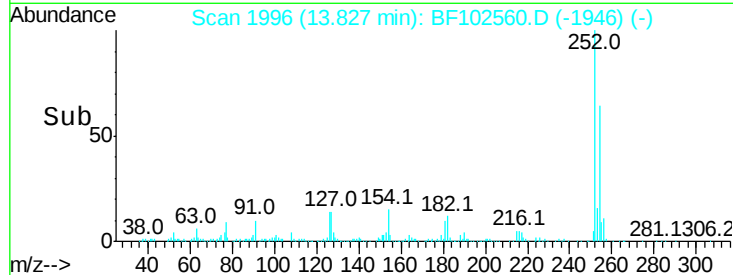
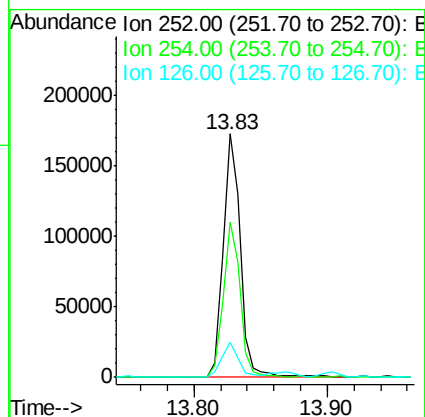
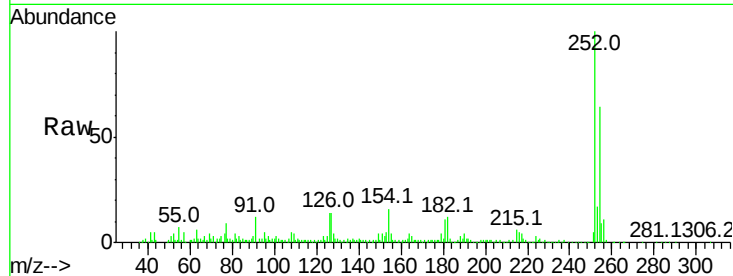




#81
 3,3'-Dichlorobenzidine
 Concen: 23.487 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF102560.D
 Acq: 28 Jan 2018 16:33

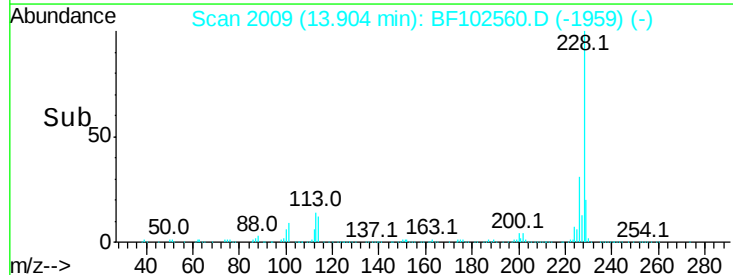
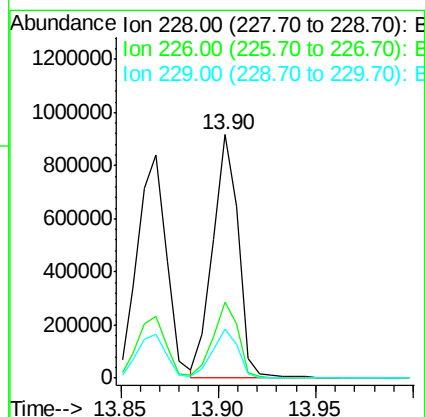
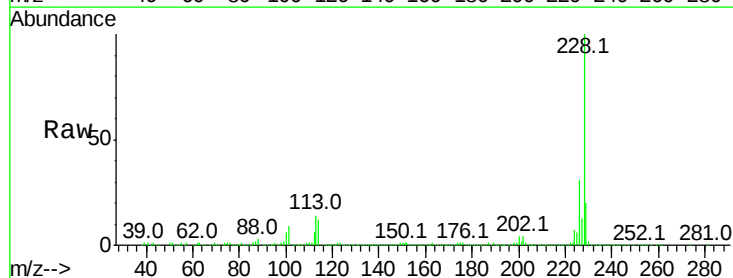
Instrument :
 BNA_F
 ClientSampleId :

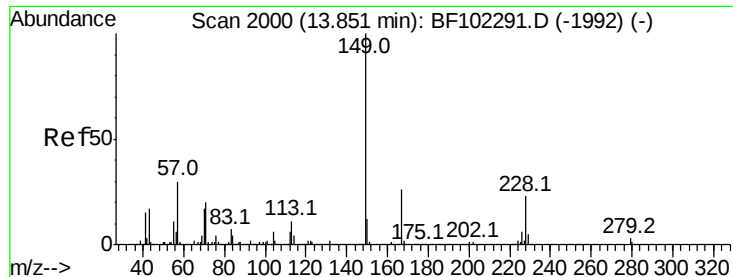
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.4	75.6
126	14.4	11.3	16.9



#82
 Chrysene
 Concen: 44.597 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF102560.D
 Acq: 28 Jan 2018 16:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.870 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :

BNA_F

ClientSampleId :

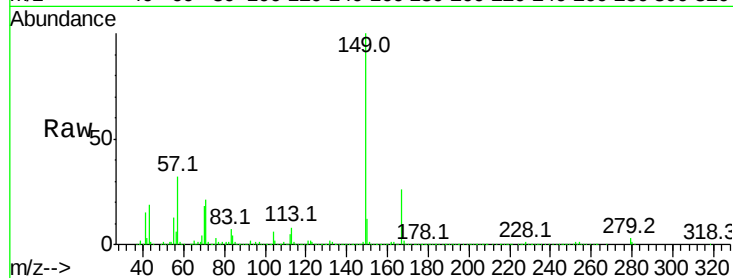
Tot Ion:149 Resp: 797908

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

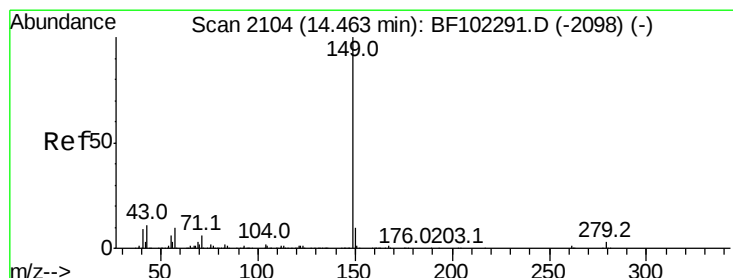
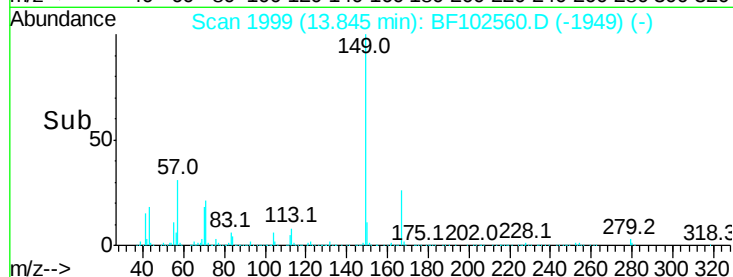
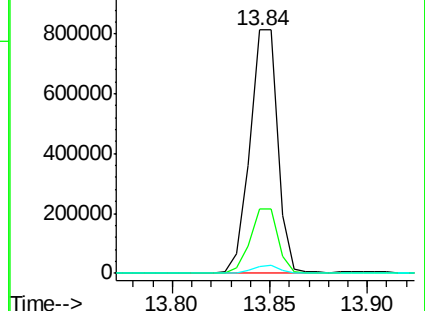
279 2.6 3.0 4.4#



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: 46.034 ng

RT: 14.46 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

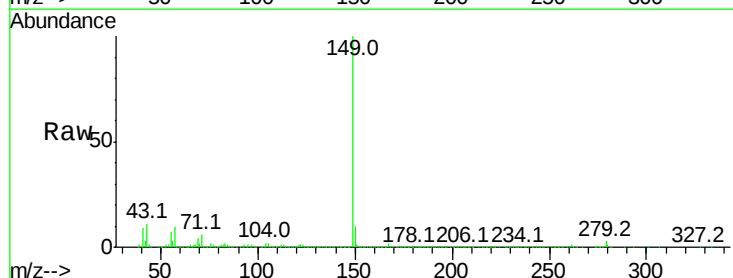
Tgt Ion:149 Resp: 1151601

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

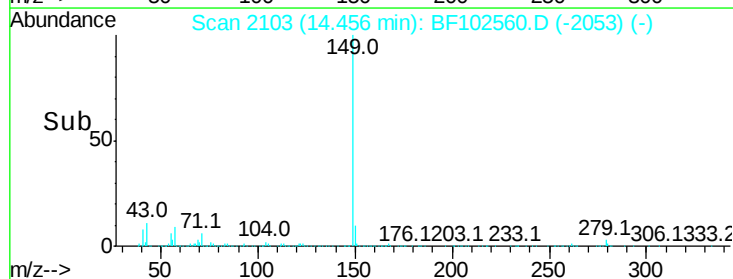
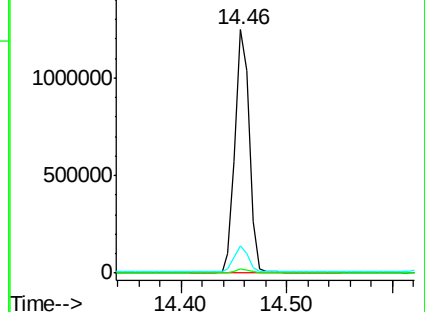
43 10.3 8.4 12.6

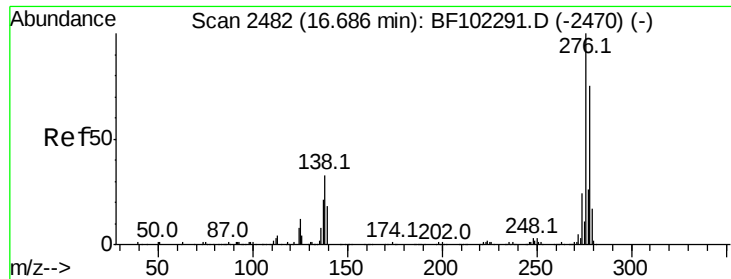


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

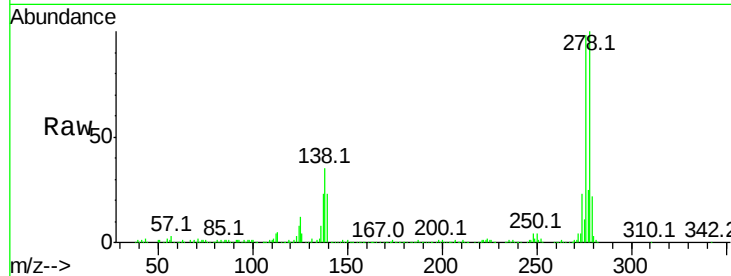




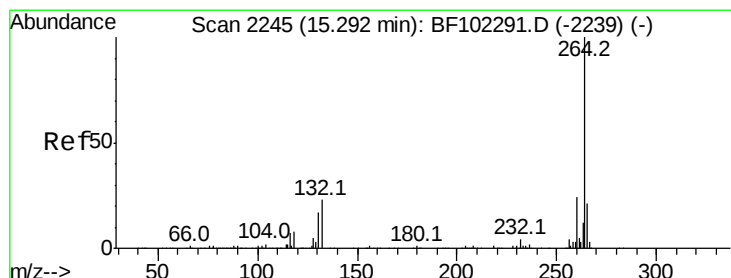
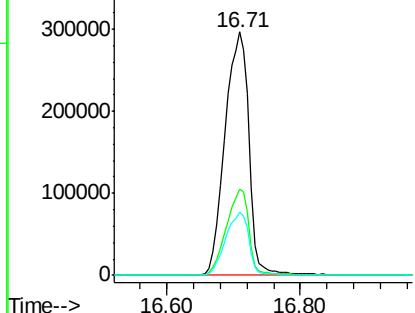
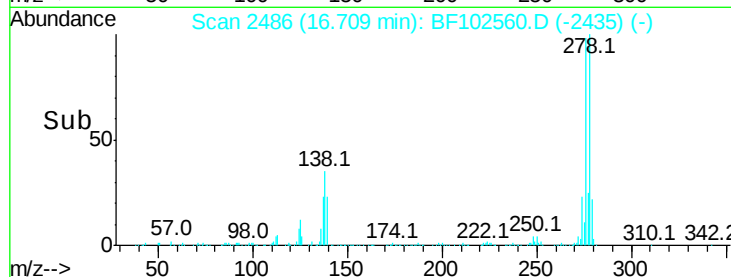
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.238 ng
 RT: 16.71 min Scan# 2486
 Delta R.T. -0.00 min
 Lab File: BF102560.D
 Acq: 28 Jan 2018 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 756320
 Ion Ratio Lower Upper
 276 100
 138 33.7 25.0 37.6
 277 25.3 20.1 30.1

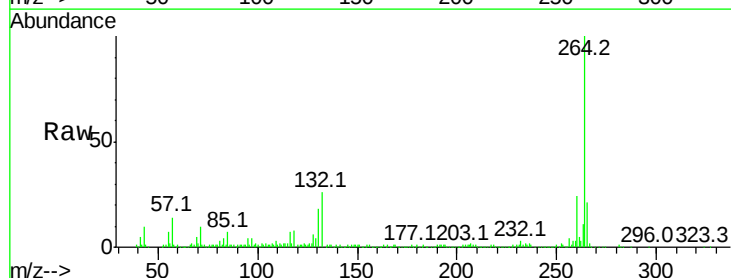


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

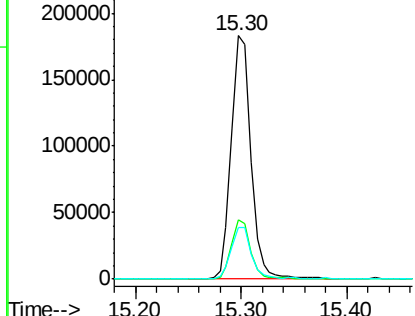
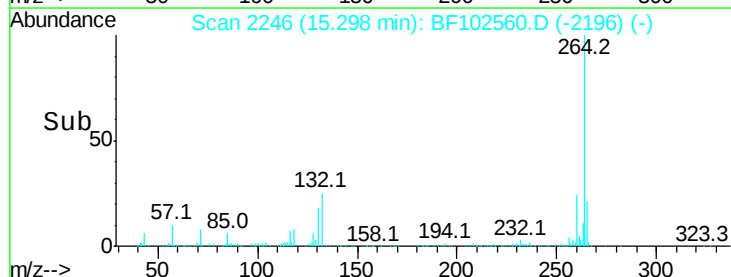


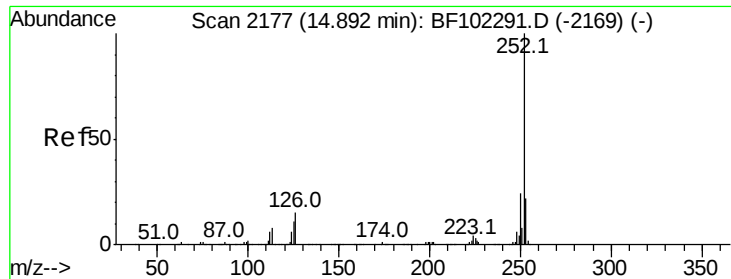
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BF102560.D
 Acq: 28 Jan 2018 16:33

Tgt Ion:264 Resp: 235425
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.4 17.5 26.3



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





#87

Benzo(b)fluoranthene

Concen: 47.170 ng

RT: 14.90 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :

BNA_F

ClientSampleId :

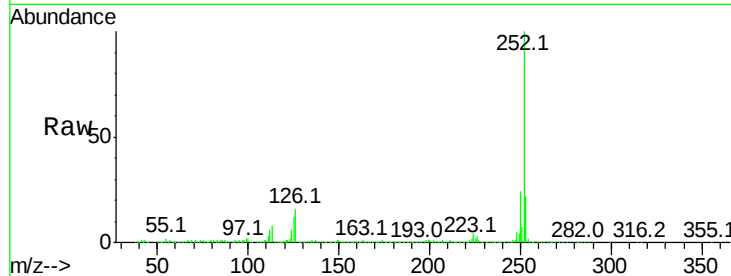
Tot Ion:252 Resp: 719768

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

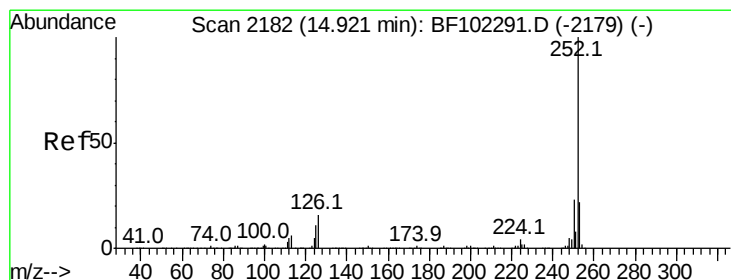
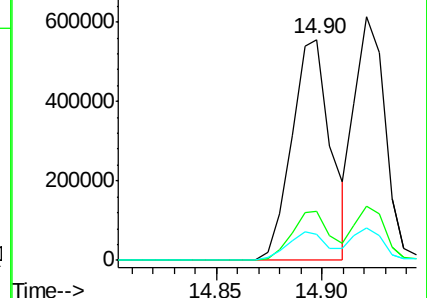
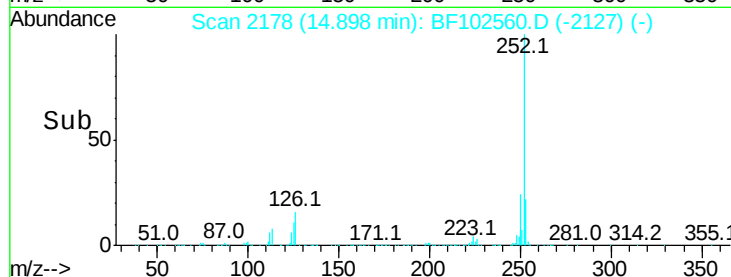
125 11.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.592 ng

RT: 14.92 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

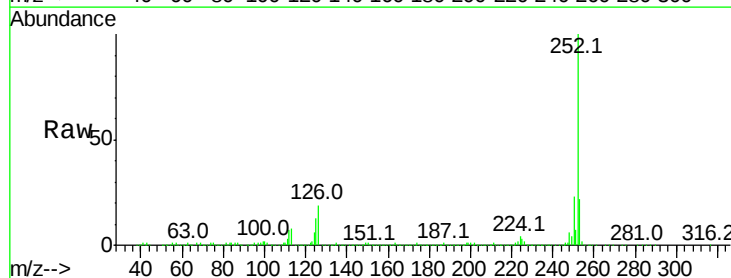
Tgt Ion:252 Resp: 614029

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

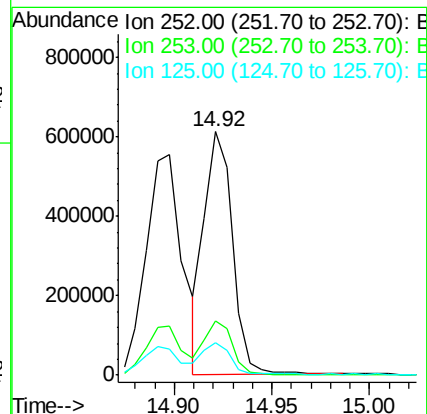
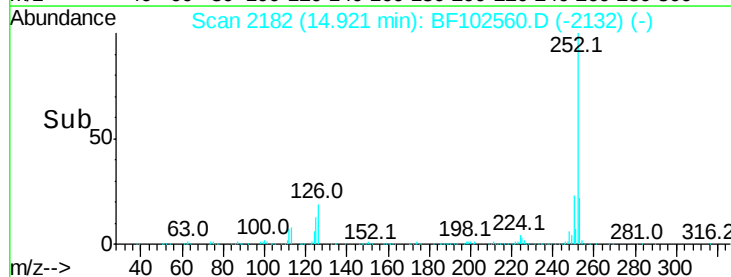
125 13.5 10.2 15.2

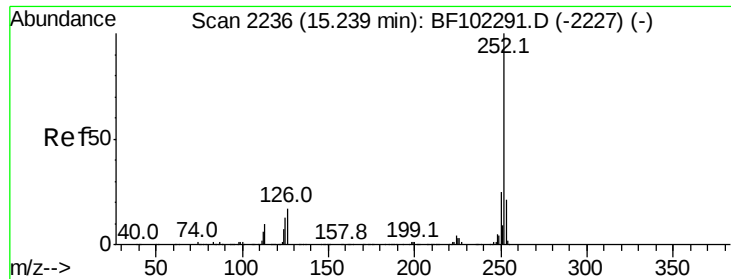


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.664 ng

RT: 15.24 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :

BNA_F

ClientSampleId :

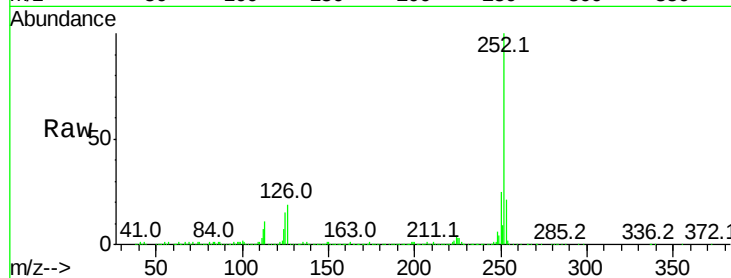
Tot Ion:252 Resp: 642193

Ion Ratio Lower Upper

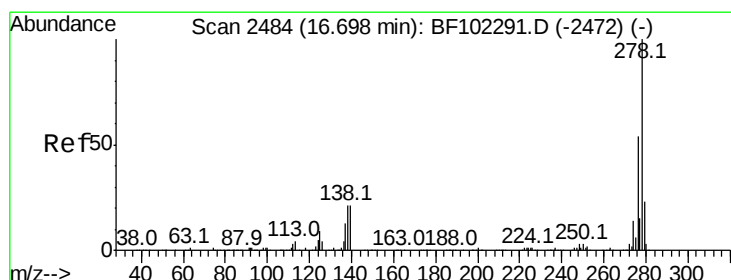
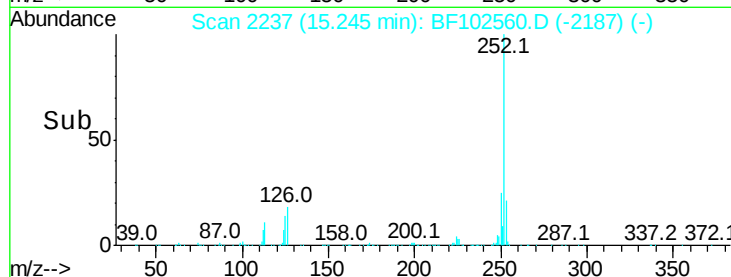
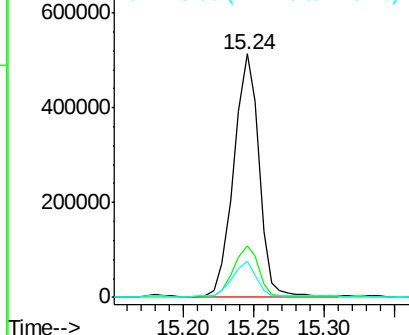
252 100

253 21.2 17.1 25.7

125 14.8 9.8 14.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 55.773 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

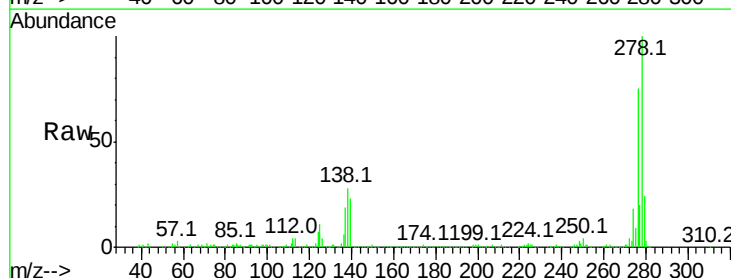
Tgt Ion:278 Resp: 621751

Ion Ratio Lower Upper

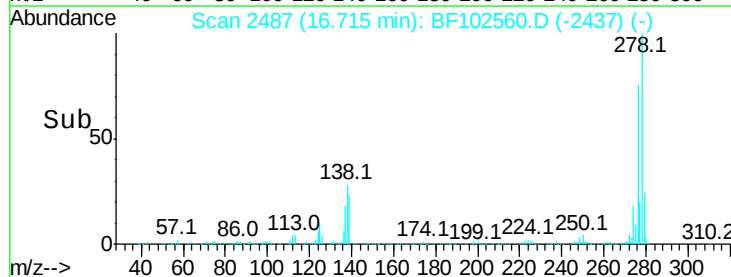
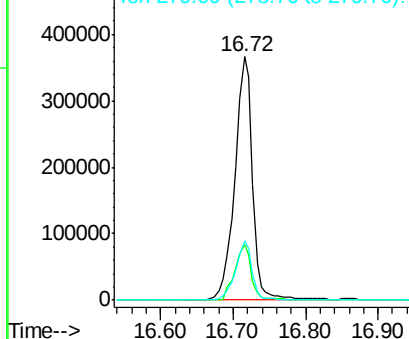
278 100

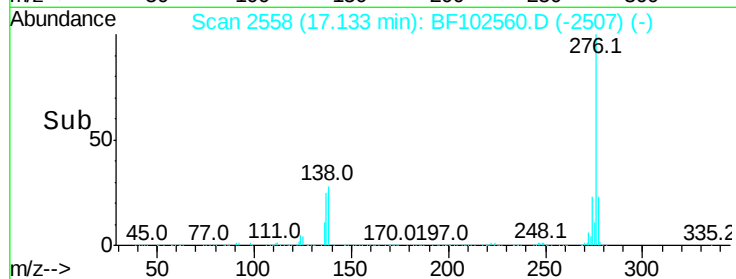
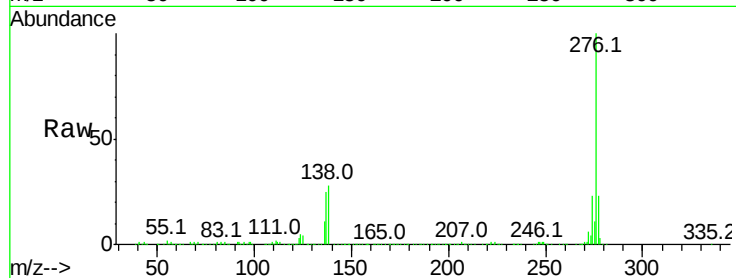
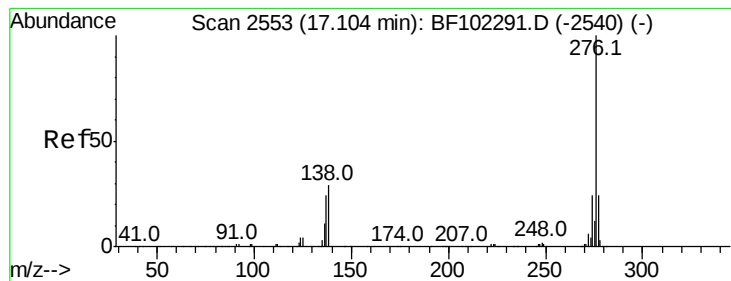
139 22.6 15.9 23.9

279 24.2 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(a,h,i)perylene

Concen: 60.521 ng

RT: 17.13 min Scan# 2558

Delta R.T. -0.00 min

Lab File: BF102560.D

Acq: 28 Jan 2018 16:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 666176

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 27.7 21.8 32.8

