

Data Path : U:\HPCHEM1\BNA F\DATA\BF012718\
 Data File : BF102540.D
 Acq On : 28 Jan 2018 5:41
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 28 23:53:51 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	6.72	152	165835	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	676563	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	269501	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	377502	20.00	ng	0.00
75) Chrysene-d12	13.88	240	286693	20.00	ng	0.00
86) Perylene-d12	15.30	264	254482	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	898940	82.19	ng	0.00
7) Phenol-d6	6.36	99	1052412	79.81	ng	0.00
23) Nitrobenzene-d5	7.29	82	920037	78.15	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	157998	59.17	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1464625	79.91	ng	0.00
78) Terphenyl-d14	12.82	244	898307	70.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.34	88	245242	47.193	ng	96
3) Pyridine	3.05	79	597209	43.977	ng	95
4) n-Nitrosodimethylamine	3.02	42	225160	42.292	ng	98
6) Aniline	6.38	93	676225	38.773	ng	# 64
8) 2-Chlorophenol	6.50	128	458531	39.994	ng	97
9) Benzaldehyde	6.27	77	307118	43.146	ng	95
10) Phenol	6.37	94	544174	37.803	ng	# 62
11) bis(2-Chloroethyl)ether	6.46	93	450565	41.153	ng	98
12) 1,3-Dichlorobenzene	6.66	146	527495	38.686	ng	98
13) 1,4-Dichlorobenzene	6.73	146	525253	38.455	ng	98
14) 1,2-Dichlorobenzene	6.89	146	483137	38.671	ng	99
15) Benzyl Alcohol	6.86	79	341868	36.747	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	717935	39.098	ng	84
17) 2-Methylphenol	6.98	107	386196	38.786	ng	97
18) Hexachloroethane	7.22	117	148019	31.099	ng	96
19) n-Nitroso-di-n-propylamine	7.13	70	307931	38.161	ng	94
20) 3+4-Methylphenols	7.14	107	465962	39.789	ng	90
22) Acetophenone	7.13	105	616338	38.215	ng	95
24) Nitrobenzene	7.30	77	479821	39.825	ng	99
25) Isophorone	7.54	82	837722	39.913	ng	99
26) 2-Nitrophenol	7.62	139	218337	34.432	ng	98
27) 2,4-Dimethylphenol	7.66	122	364121	39.545	ng	96
28) bis(2-Chloroethoxy)methane	7.75	93	526650	40.620	ng	99
29) 2,4-Dichlorophenol	7.86	162	362787	38.680	ng	98
30) 1,2,4-Trichlorobenzene	7.94	180	376368	37.435	ng	97
31) Naphthalene	8.02	128	1271425	37.639	ng	99
32) Benzoic acid	7.80	122	191113	24.774	ng	97
33) 4-Chloroaniline	8.07	127	548500	38.614	ng	99
34) Hexachlorobutadiene	8.13	225	200709	37.377	ng	99
35) Caprolactam	8.46	113	117594	37.963	ng	95
36) 4-Chloro-3-methylphenol	8.56	107	376782	38.111	ng	99
37) 2-Methylnaphthalene	8.71	142	818185	36.370	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	325562	40.152	ng	99
40) Hexachlorocyclopentadiene	8.86	237	10681	2.944	ng	98

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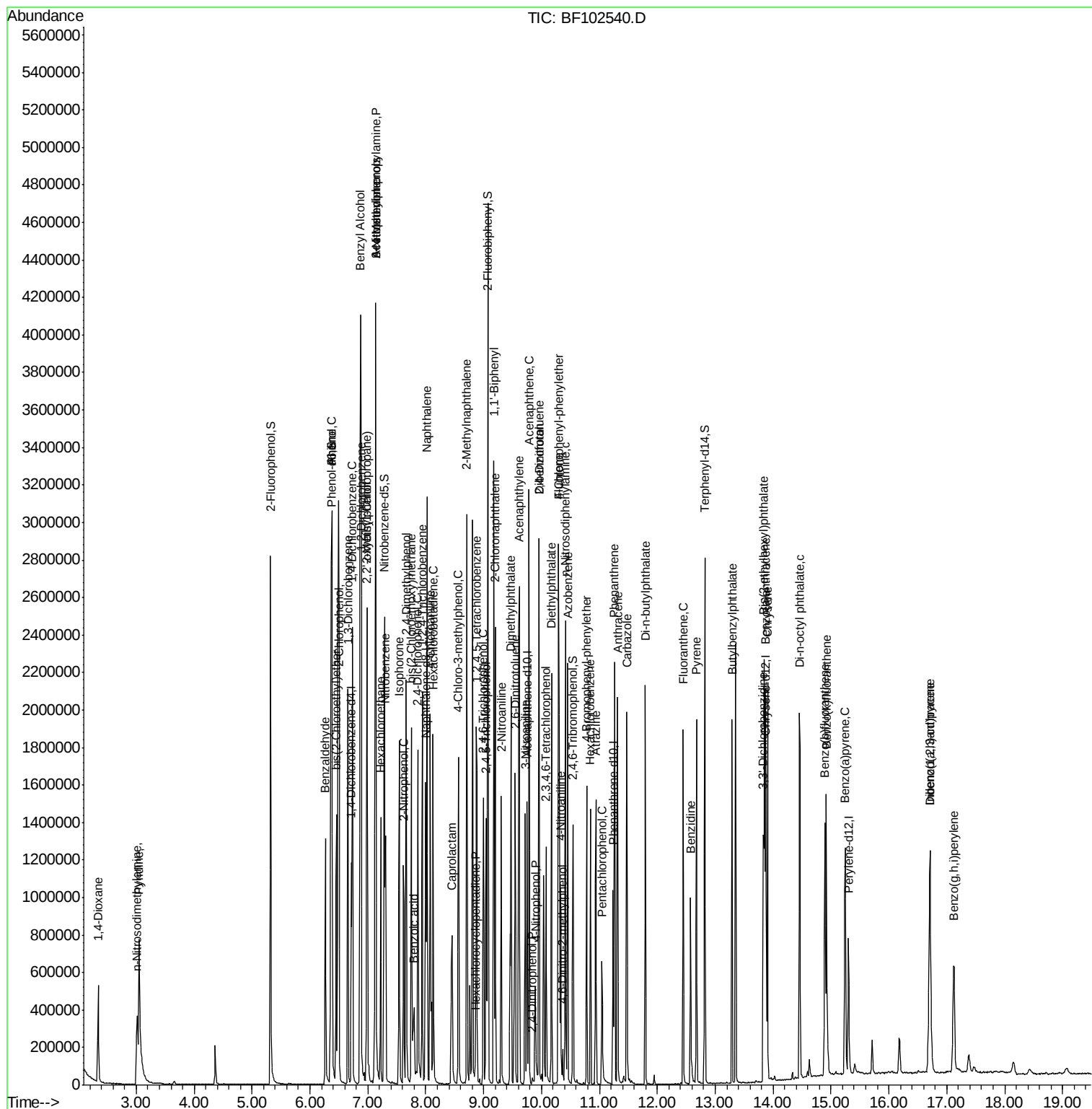
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	210144	38.716	ng	100
43) 2,4,5-Trichlorophenol	9.04	196	234728	38.408	ng	99
45) 1,1'-Biphenyl	9.17	154	973138	40.383	ng	100
46) 2-Chloronaphthalene	9.20	162	740495	39.533	ng	97
47) 2-Nitroaniline	9.30	65	251715	43.105	ng	97
48) Acenaphthylene	9.62	152	1096350	37.570	ng	99
49) Dimethylphthalate	9.47	163	894074	40.136	ng	100
50) 2,6-Dinitrotoluene	9.55	165	176366	36.722	ng	97
51) Acenaphthene	9.79	154	641118	37.618	ng	99
52) 3-Nitroaniline	9.72	138	233208	41.047	ng	99
53) 2,4-Dinitrophenol	9.84	184	7881	7.184	ng	# 25
54) Dibenzofuran	9.96	168	858614	37.225	ng	98
55) 4-Nitrophenol	9.89	139	115188	30.714	ng	90
56) 2,4-Dinitrotoluene	9.95	165	190228	32.209	ng	# 85
57) Fluorene	10.30	166	675167	36.941	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	142361	32.625	ng	98
59) Diethylphthalate	10.17	149	833776	38.517	ng	98
60) 4-Chlorophenyl-phenylether	10.29	204	307588	38.816	ng	98
61) 4-Nitroaniline	10.33	138	212341	37.454	ng	93
62) Azobenzene	10.45	77	744232	37.552	ng	99
64) 4,6-Dinitro-2-methylphenol	10.36	198	20294	8.058	ng	95
65) n-Nitrosodiphenylamine	10.41	169	623313	44.986	ng	100
66) 4-Bromophenyl-phenylether	10.78	248	175184	43.108	ng	95
67) Hexachlorobenzene	10.84	284	169078	37.202	ng	97
68) Atrazine	10.94	200	151715	37.074	ng	99
69) Pentachlorophenol	11.04	266	78501	32.880	ng	98
70) Phenanthrene	11.26	178	840152	38.192	ng	98
71) Anthracene	11.32	178	862255	38.403	ng	99
72) Carbazole	11.47	167	829384	37.863	ng	99
73) Di-n-butylphthalate	11.80	149	1172450	42.821	ng	98
74) Fluoranthene	12.45	202	799671	35.648	ng	97
76) Benzidine	12.57	184	419116	43.517	ng	99
77) Pyrene	12.68	202	805435	36.336	ng	99
79) Butylbenzylphthalate	13.29	149	428370	38.833	ng	100
80) Benzo(a)anthracene	13.87	228	714205	40.463	ng	100
81) 3,3'-Dichlorobenzidine	13.83	252	276276	42.669	ng	99
82) Chrysene	13.90	228	694066	38.722	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	594953	40.133	ng	# 99
84) Di-n-octyl phthalate	14.46	149	949452	39.383	ng	99
85) Indeno(1,2,3-cd)pyrene	16.70	276	534383	36.100	ng	95
87) Benzo(b)fluoranthene	14.90	252	641281	38.879	ng	99
88) Benzo(k)fluoranthene	14.92	252	614163	39.411	ng	98
89) Benzo(a)pyrene	15.24	252	568432	38.211	ng	# 97
90) Dibenzo(a,h)anthracene	16.72	278	449431	37.296	ng	97
91) Benzo(g,h,i)perylene	17.13	276	441400	37.098	ng	98

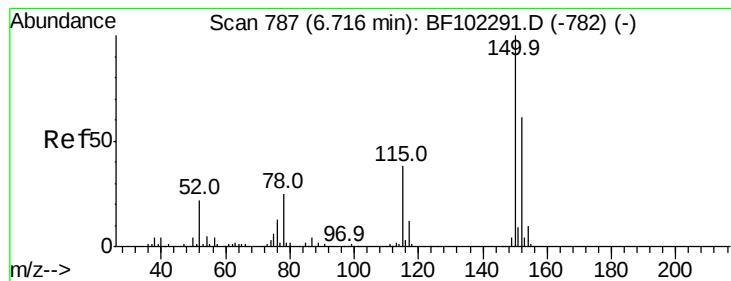
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
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ClientSampled :

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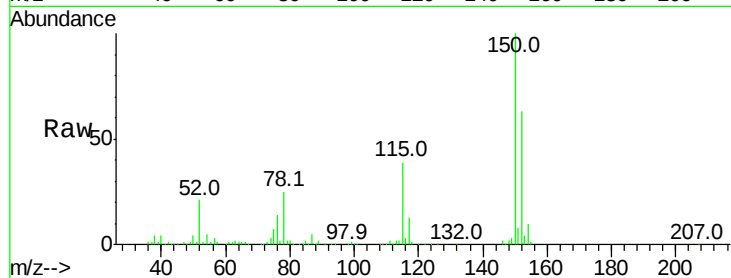


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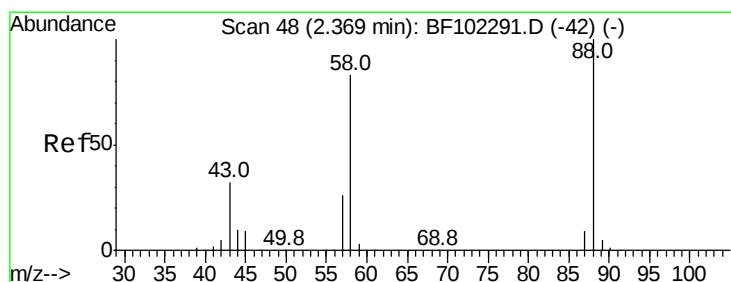
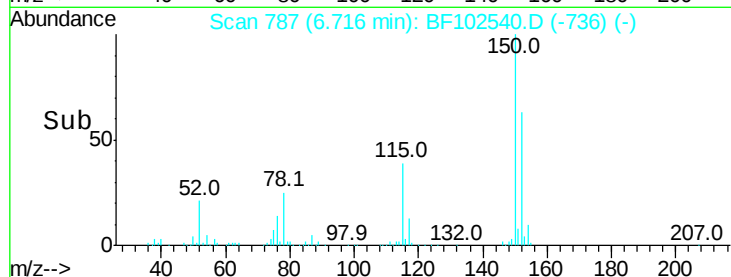
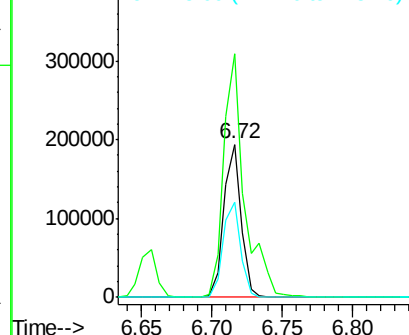
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 165835
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 62.3 50.1 75.1



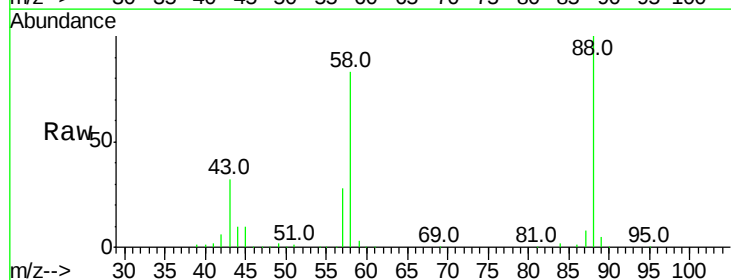
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



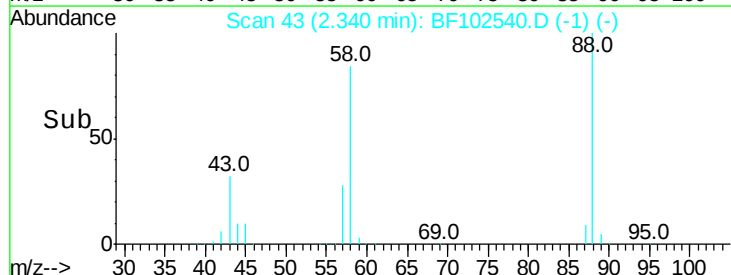
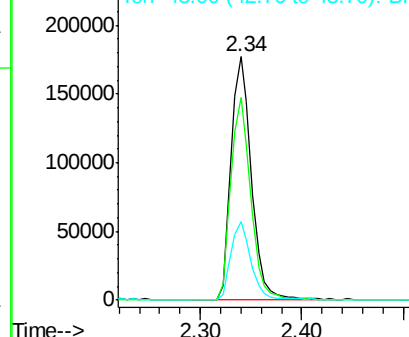
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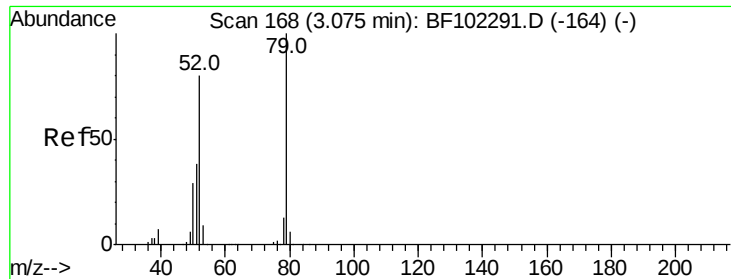
1,4-Dioxane
Concen: 47.193 ng
RT: 2.34 min Scan# 43
Delta R.T. -0.02 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Tgt Ion: 88 Resp: 245242
Ion Ratio Lower Upper
88 100
58 82.4 62.6 93.8
43 31.3 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

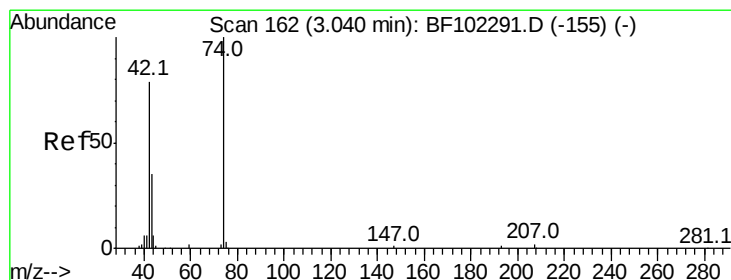
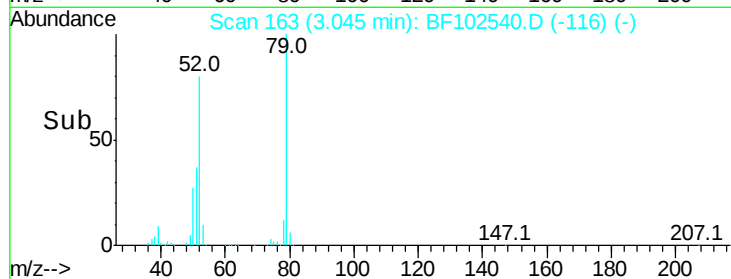
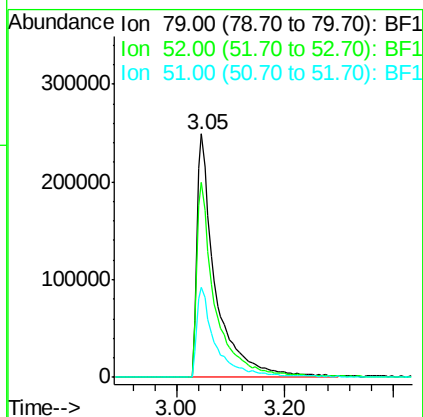
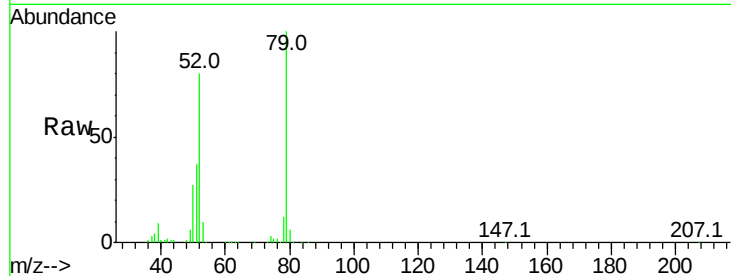




#3
 Pvridine
 Concen: 43.977 ng
 RT: 3.05 min Scan# 163
 Delta R.T. -0.02 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

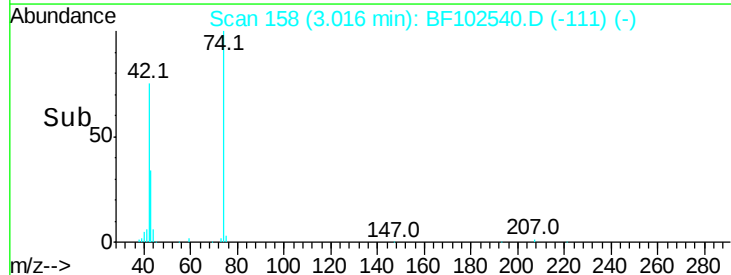
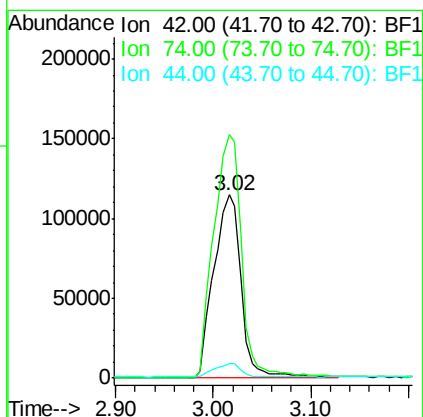
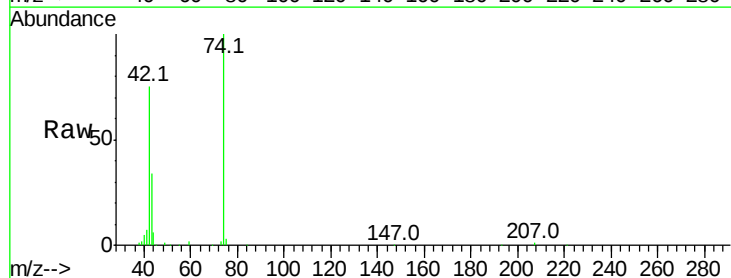
Instrument :
 BNA_F
 ClientSampleId :

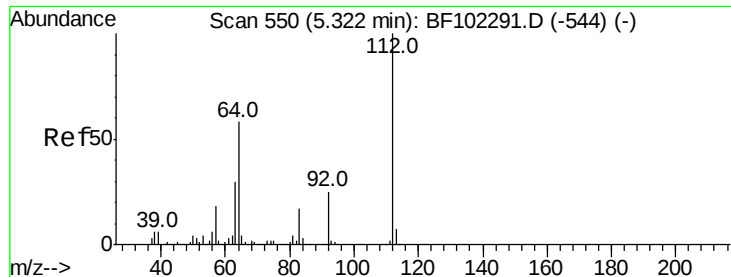
Tot Ion: 79 Resp: 597209
 Ion Ratio Lower Upper
 79 100
 52 80.1 59.8 89.6
 51 36.7 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 42.292 ng
 RT: 3.02 min Scan# 158
 Delta R.T. -0.02 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Tgt Ion: 42 Resp: 225160
 Ion Ratio Lower Upper
 42 100
 74 133.1 104.9 157.3
 44 8.0 6.9 10.3





#5

2-Fluorophenol

Concen: 82.192 ng

RT: 5.32 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

Instrument :

BNA_F

ClientSampleId :

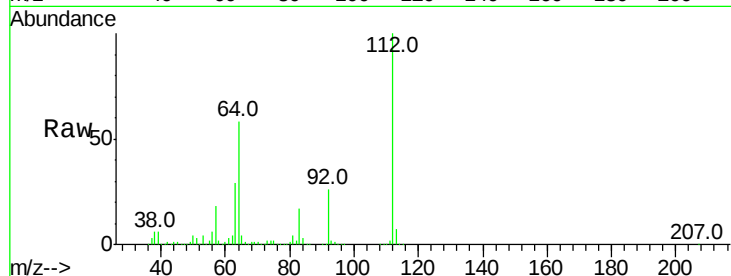
Tot Ion:112 Resp: 898940

Ion Ratio Lower Upper

112 100

64 57.9 47.9 71.9

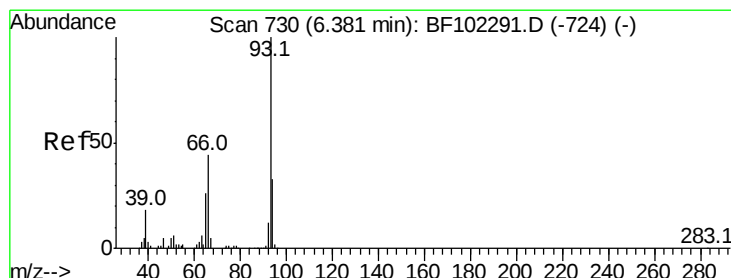
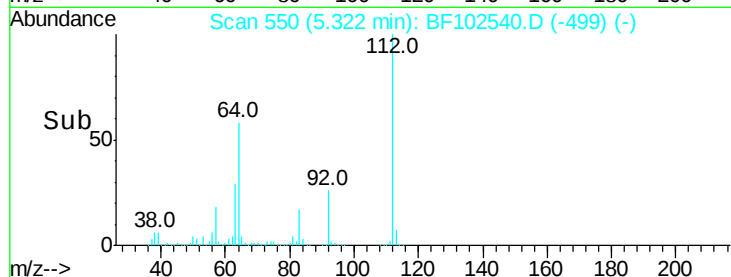
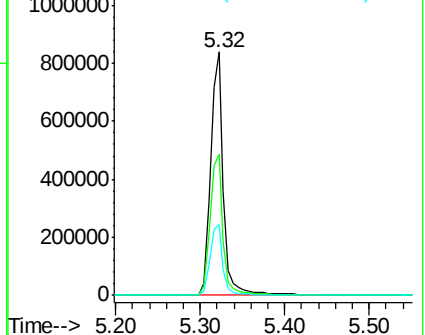
63 29.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.773 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

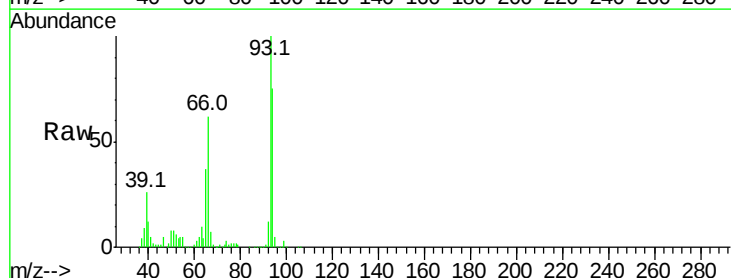
Tgt Ion: 93 Resp: 676225

Ion Ratio Lower Upper

93 100

66 62.2 32.2 48.2#

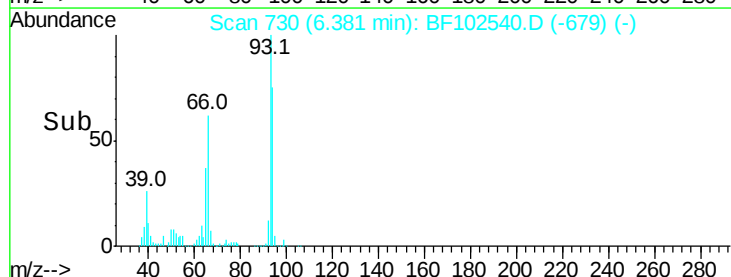
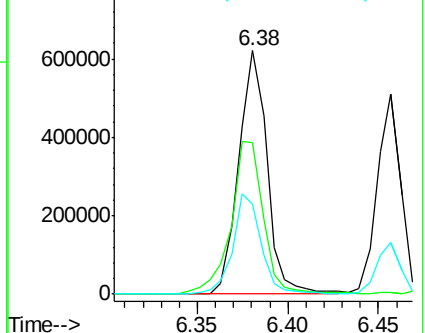
65 37.0 16.4 24.6#

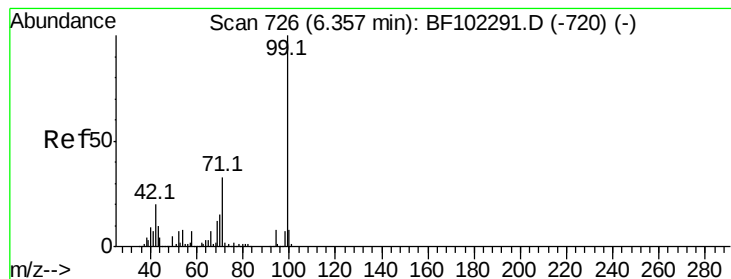


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.815 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

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ClientSampleId :

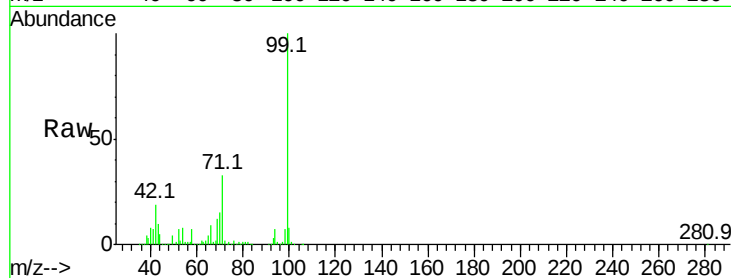
Tot Ion: 99 Resp: 1052412

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

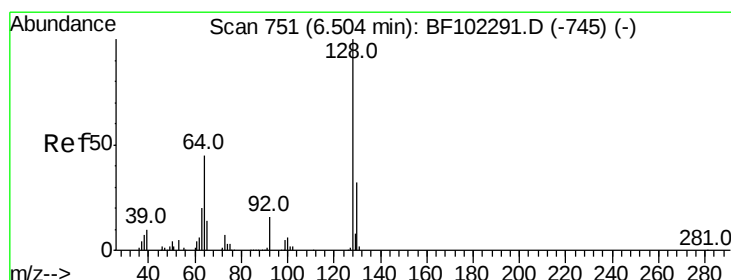
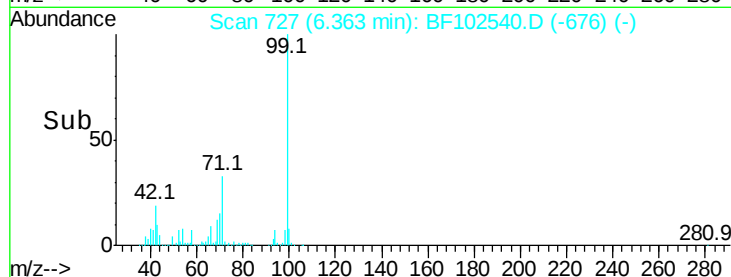
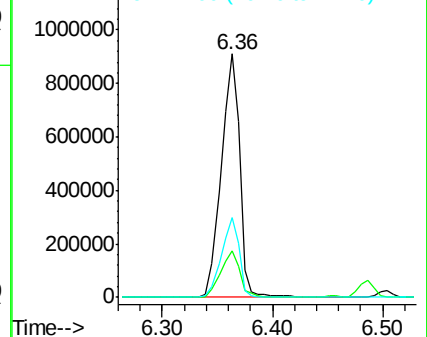
71 32.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.994 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

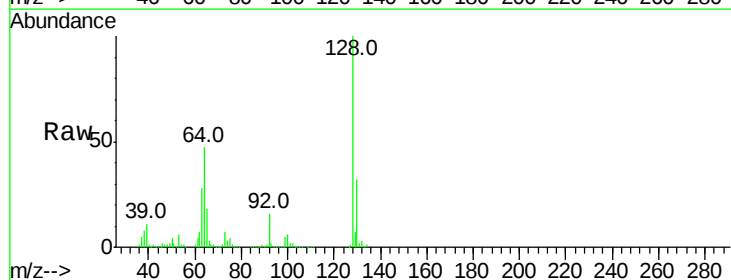
Tgt Ion:128 Resp: 458531

Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

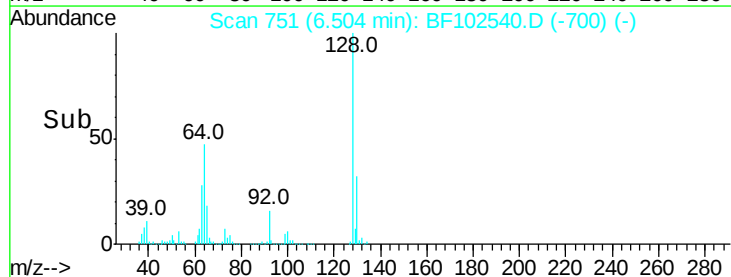
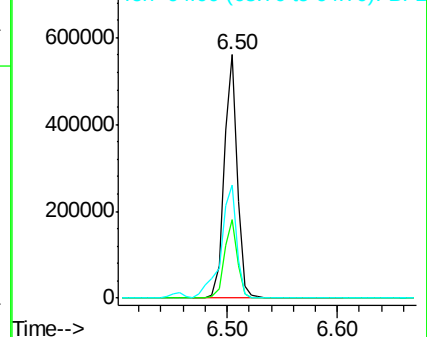
64 46.6 29.4 69.4

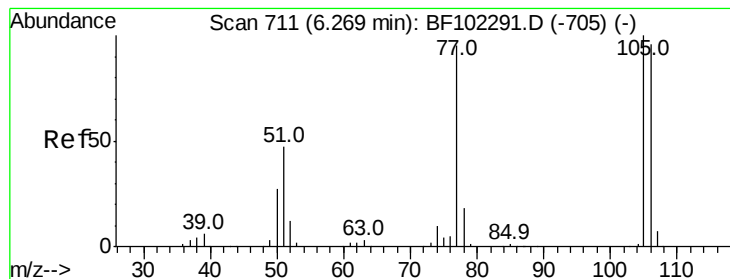


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 43.146 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

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BNA_F

ClientSampleId :

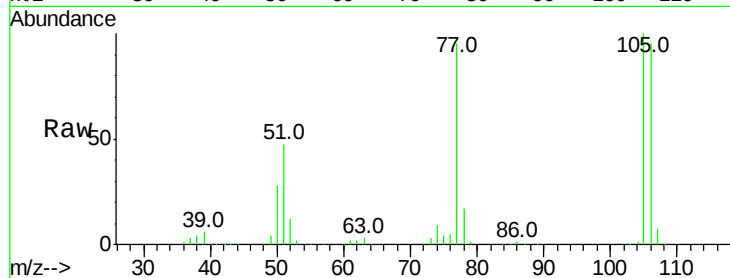
Tot Ion: 77 Resp: 307118

Ion Ratio Lower Upper

77 100

105 105.2 81.1 121.1

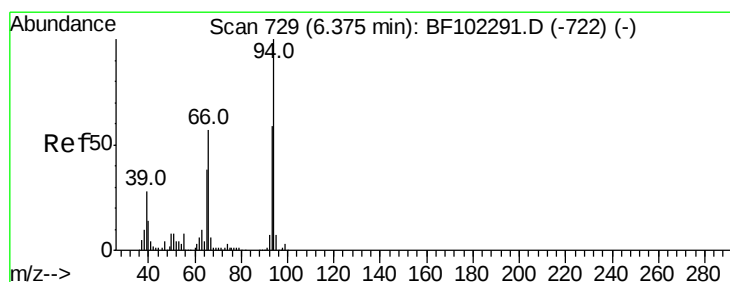
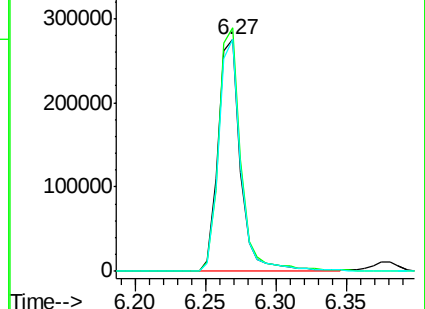
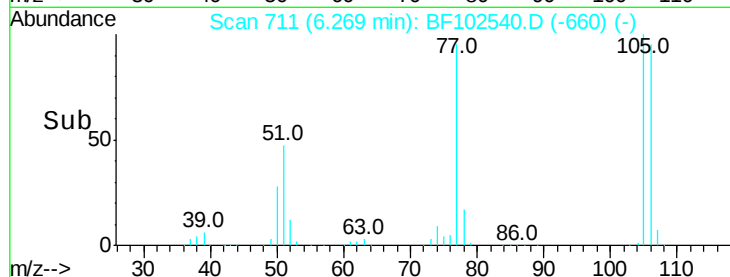
106 100.4 74.5 114.5



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: 37.803 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

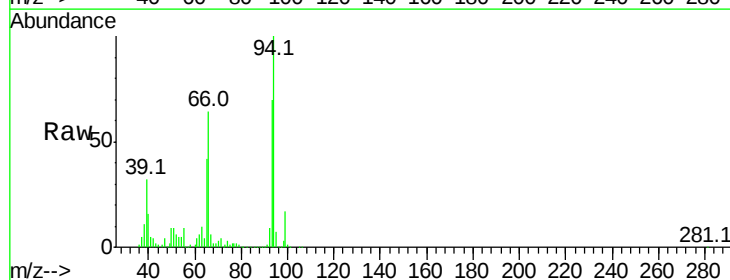
Tgt Ion: 94 Resp: 544174

Ion Ratio Lower Upper

94 100

65 41.9 7.9 47.9

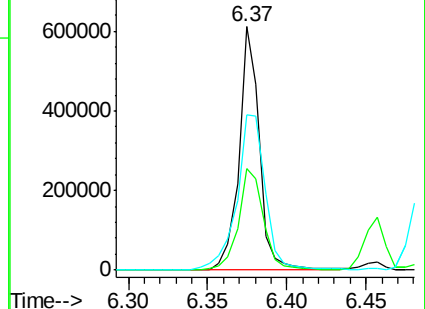
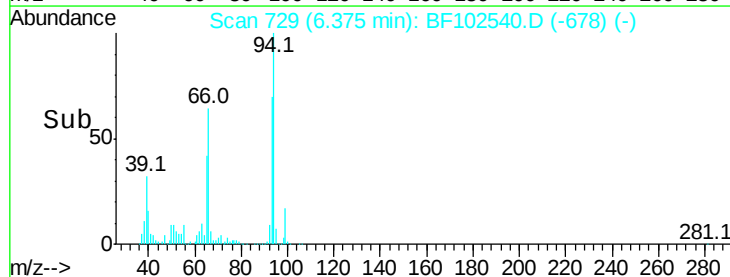
66 63.9 16.2 56.2#

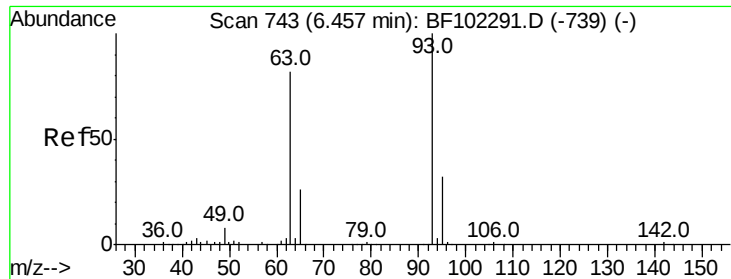


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

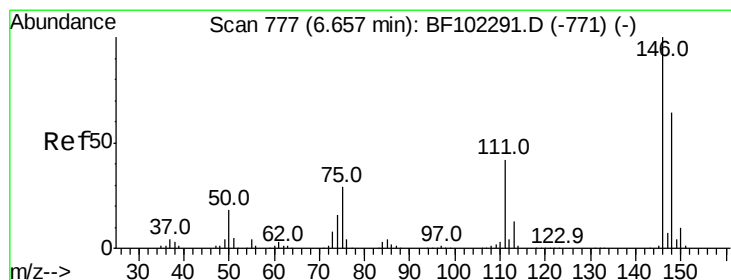
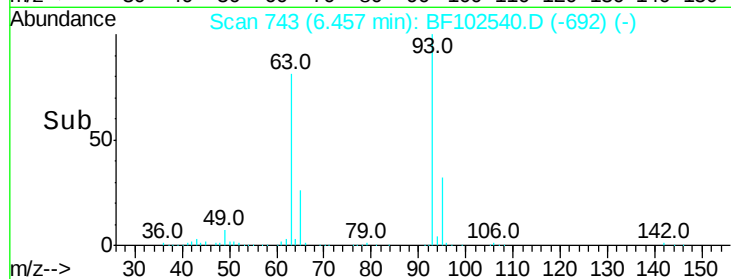
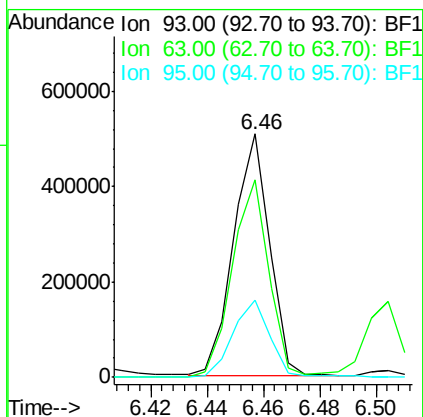
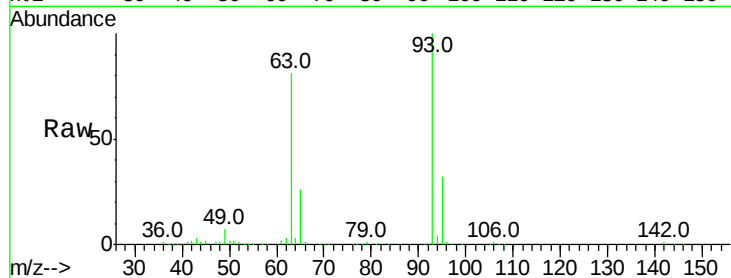




#11
bis(2-Chloroethyl)ether
Concen: 41.153 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

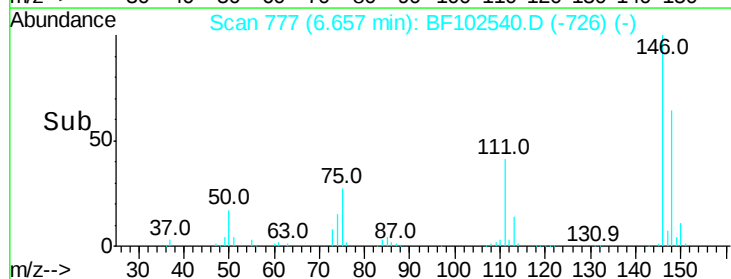
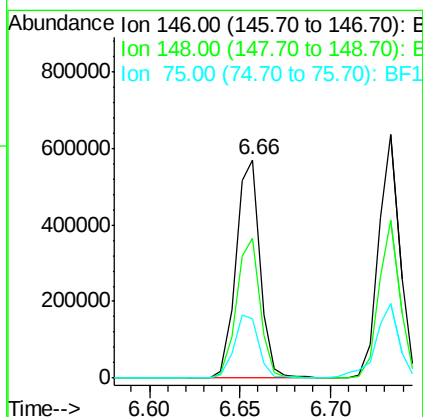
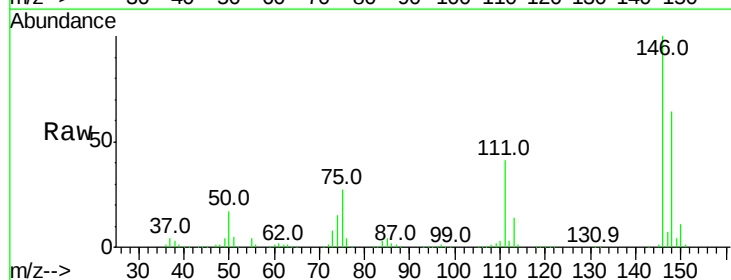
Instrument :
BNA_F
ClientSampleId :

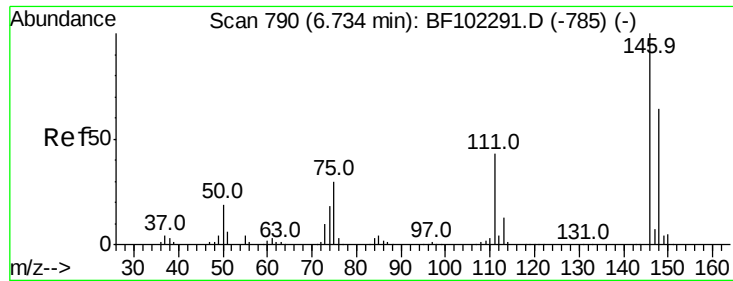
Tot Ion: 93 Resp: 450565
Ion Ratio Lower Upper
93 100
63 81.1 58.6 98.6
95 31.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.686 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Tgt Ion: 146 Resp: 527495
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 27.3 24.2 36.4

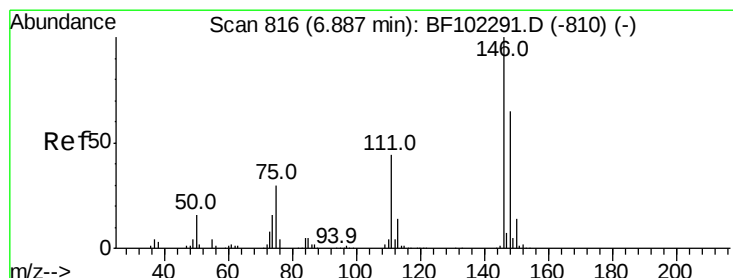
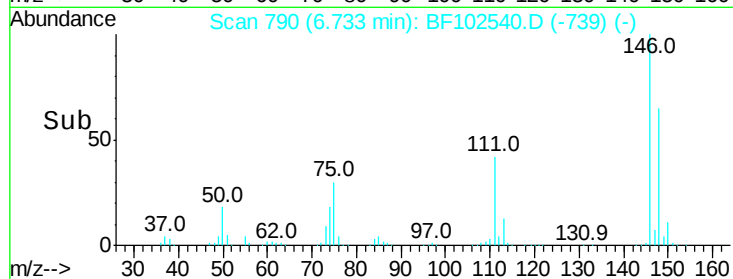
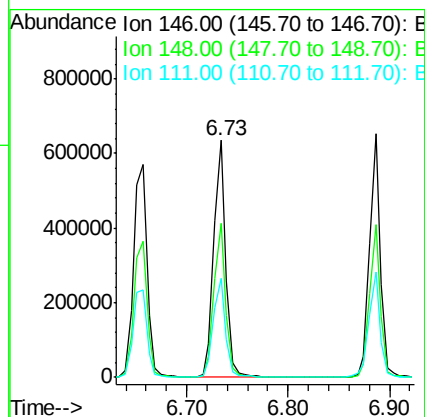
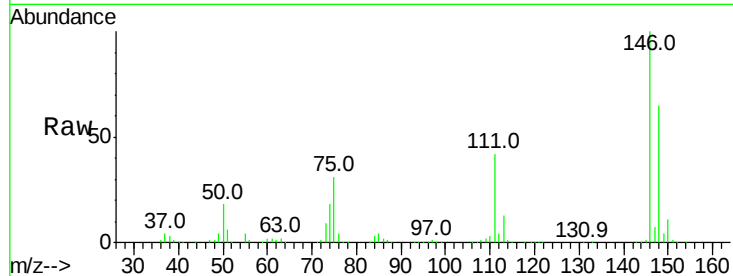




#13
 1,4-Dichlorobenzene
 Concen: 38.455 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

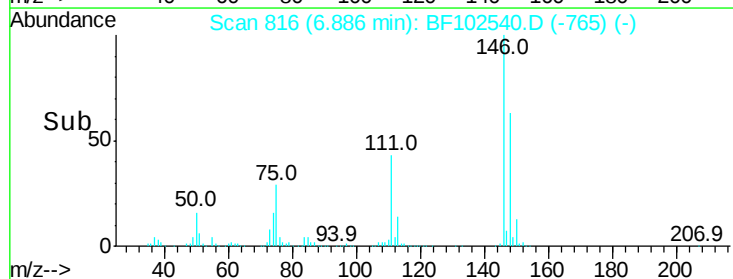
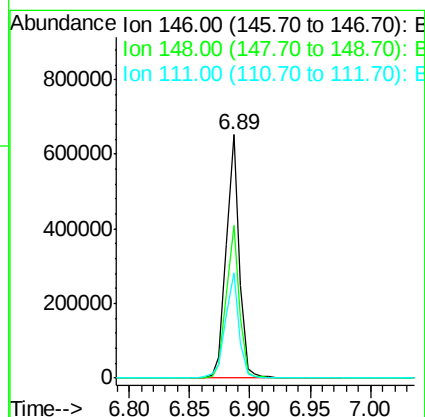
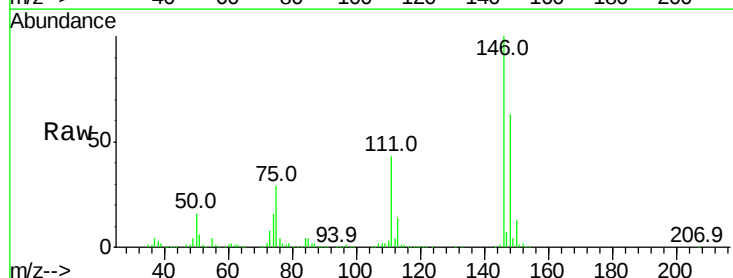
Instrument :
 BNA_F
 ClientSampled :

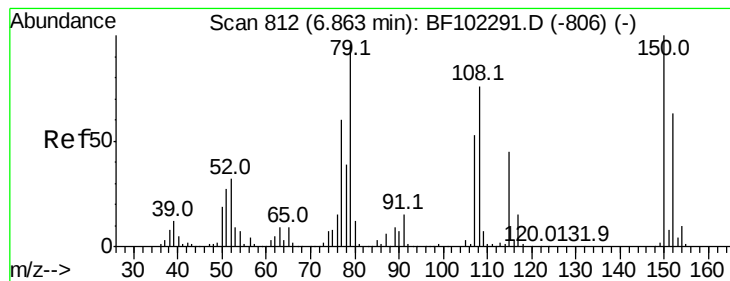
Tot Ion:146 Resp: 525253
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 41.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.671 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Tgt Ion:146 Resp: 483137
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.6 75.8
 111 43.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.747 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

Instrument :

BNA_F

ClientSampleId :

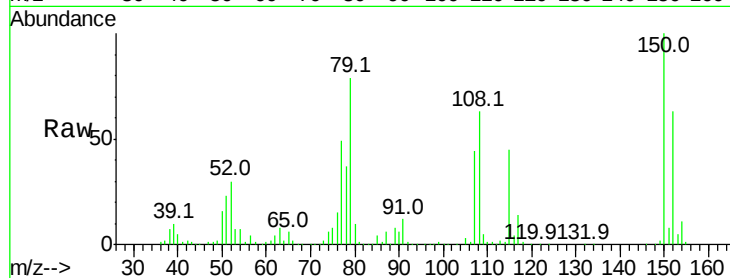
Tot Ion: 79 Resp: 341868

Ion Ratio Lower Upper

79 100

108 80.0 65.1 97.7

77 61.9 50.6 75.8



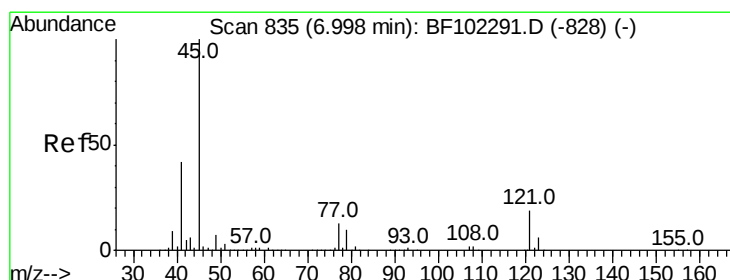
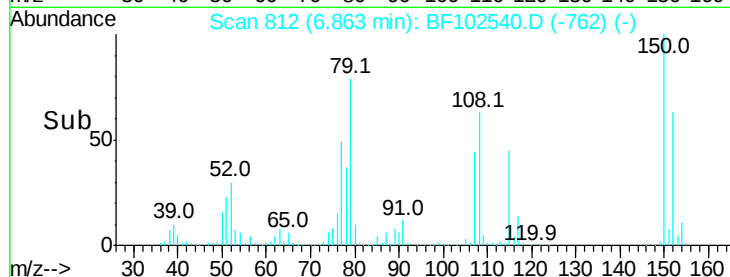
Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

6.86

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.098 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

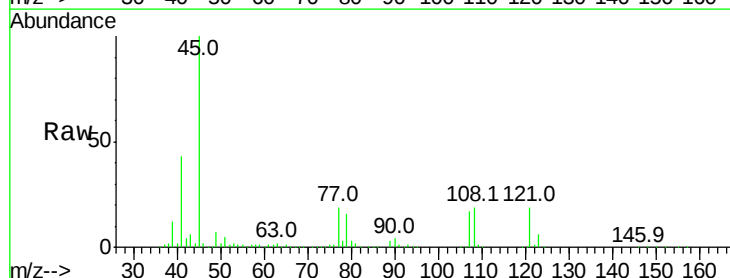
Tgt Ion: 45 Resp: 717935

Ion Ratio Lower Upper

45 100

77 19.1 0.0 32.9

79 15.8 0.0 29.6



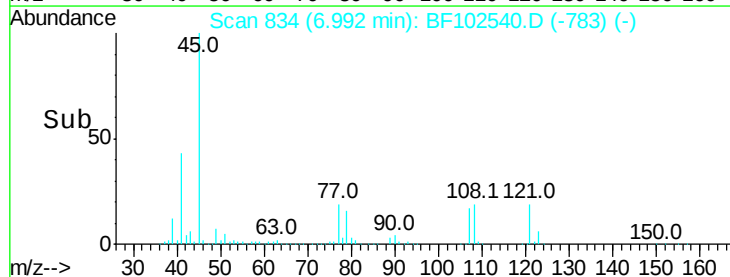
Abundance Ion 45.00 (44.70 to 45.70): BF1

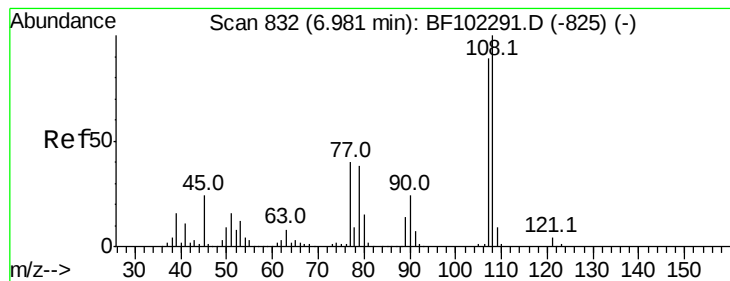
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

6.99

Time-->





#17

2-Methylphenol

Concen: 38.786 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 386196

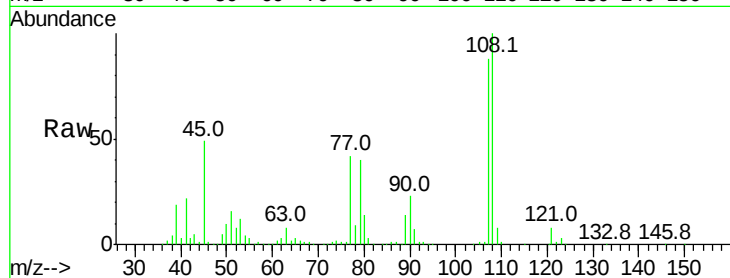
Ion Ratio Lower Upper

107 100

108 114.3 91.7 137.5

77 47.7 33.8 50.8

79 45.9 33.8 50.8

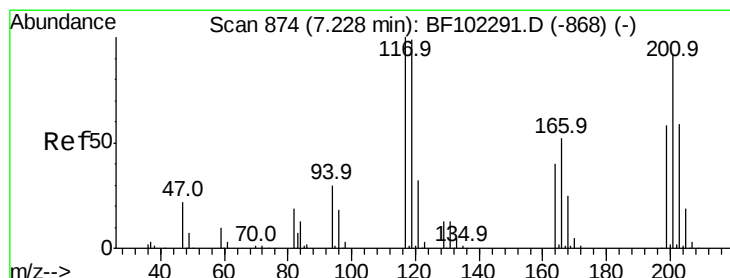
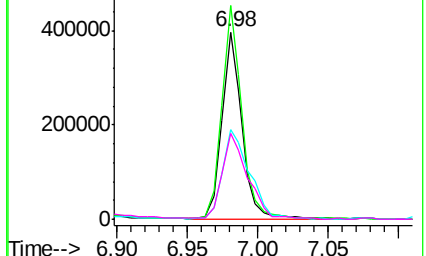
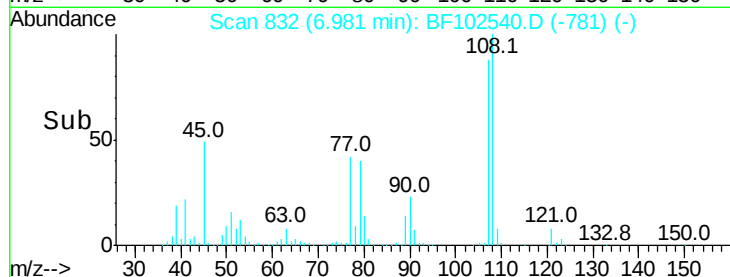


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 31.099 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

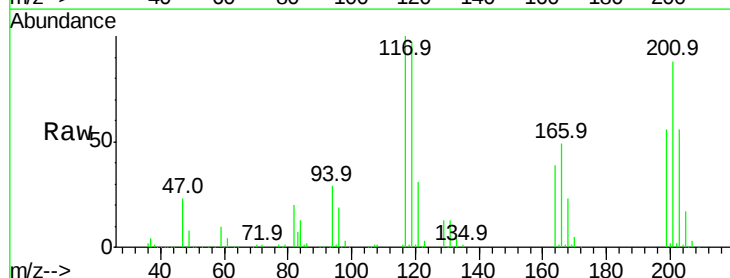
Tgt Ion:117 Resp: 148019

Ion Ratio Lower Upper

117 100

119 96.9 75.8 113.8

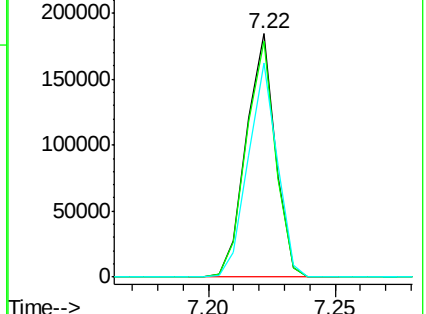
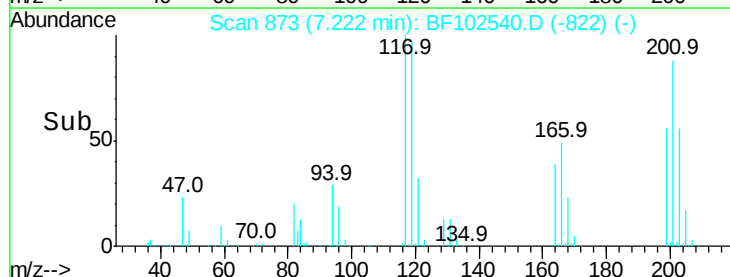
201 88.0 75.7 113.5

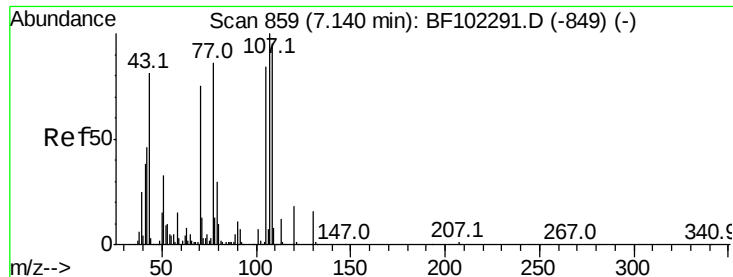


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

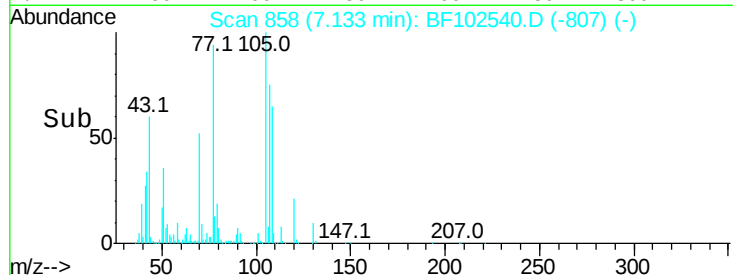
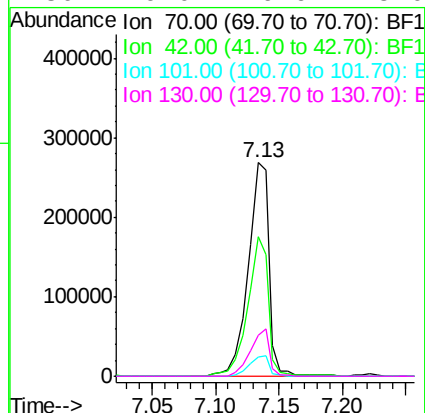
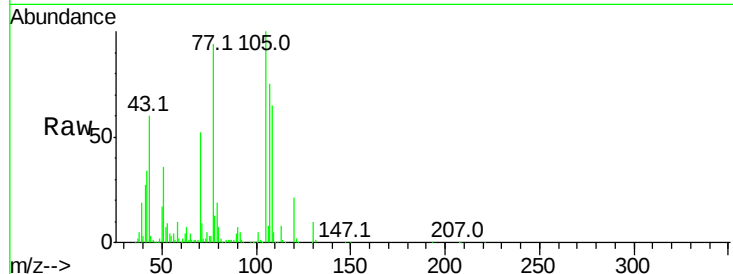




#19
n-Nitroso-di-n-propylamine
Concen: 38.161 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

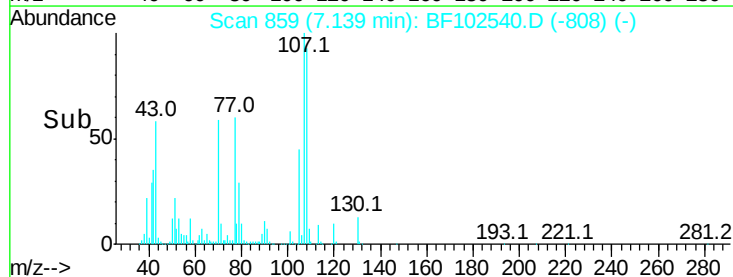
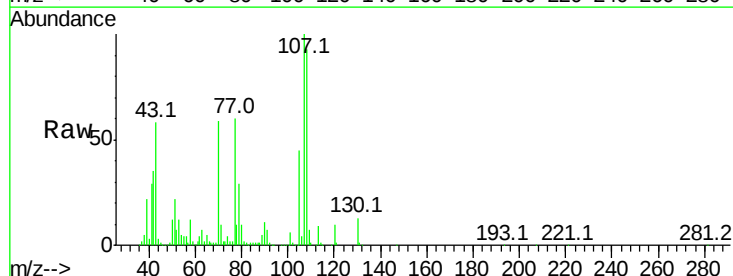
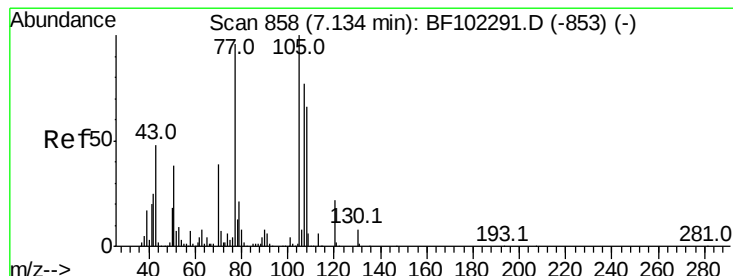
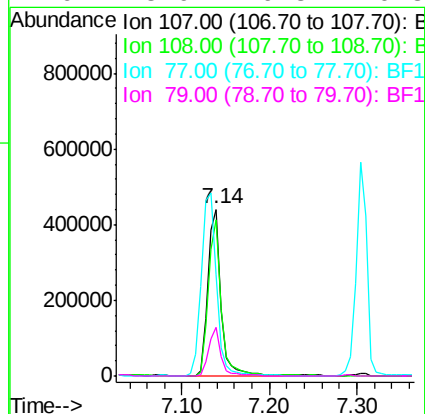
Instrument :
BNA_F
ClientSampleId :

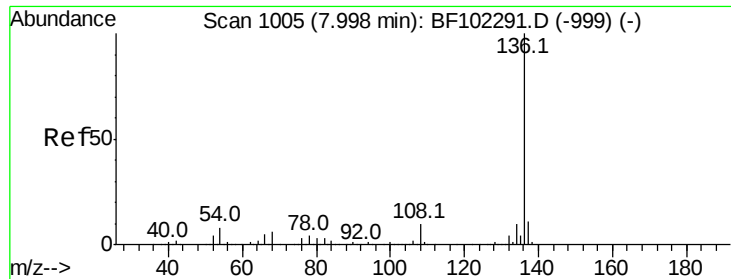
Tot Ion	Ratio	Lower	Upper
70	100		
42	65.4	47.5	71.3
101	9.0	7.4	11.2
130	19.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.789 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.5	68.2	108.2
77	60.4	26.7	66.7
79	28.9	6.3	46.3

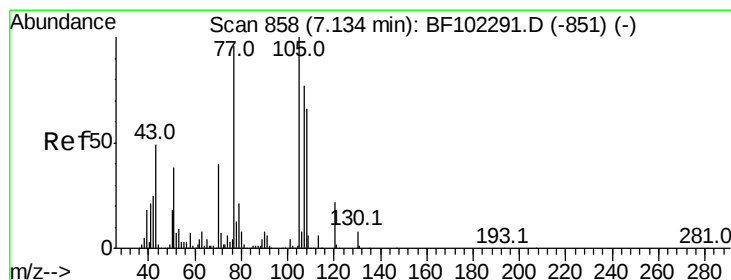
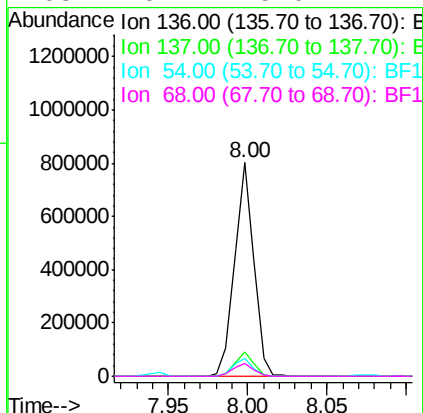
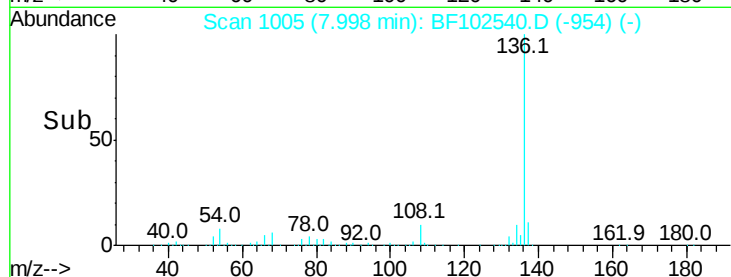
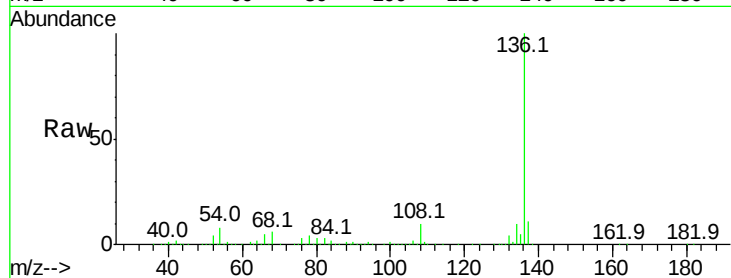




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

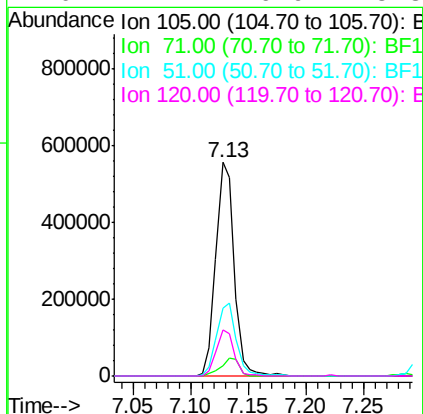
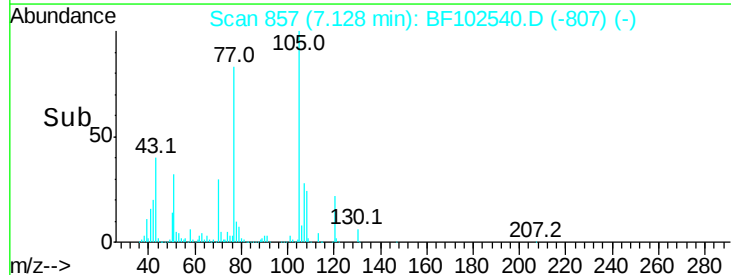
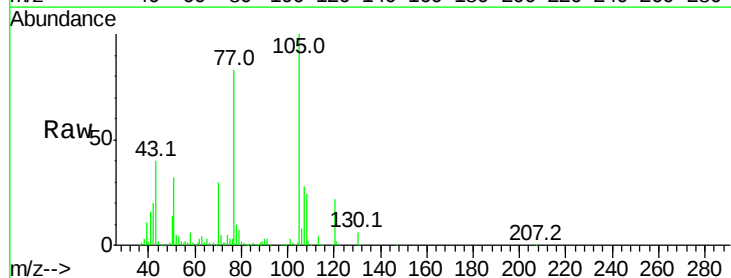
Instrument :
BNA_F
ClientSampleId :

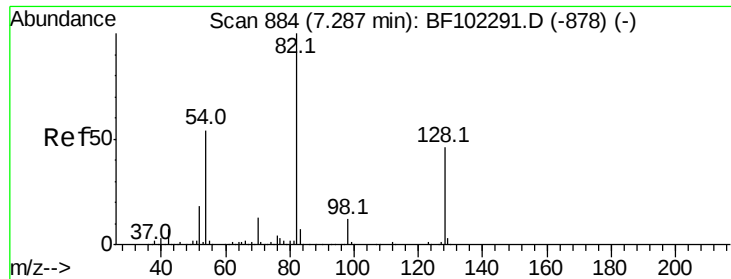
Tot Ion:136	Resp:	676563	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.9	13.3	
54 8.1	6.6	9.8	
68 6.2	5.0	7.4	



#22
Acetophenone
Concen: 38.215 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Tgt	Ion:105	Resp:	616338
Ion	Ratio	Lower	Upper
105	100		
71	5.0	4.4	6.6
51	31.9	22.3	33.5
120	21.7	16.9	25.3

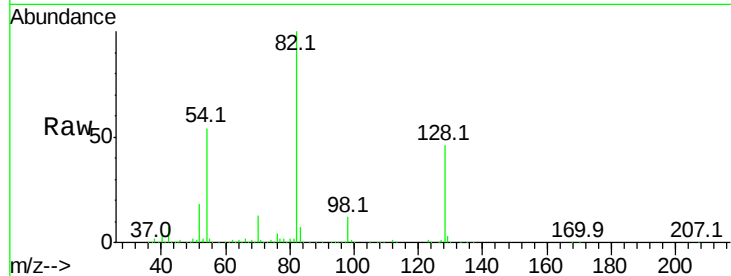




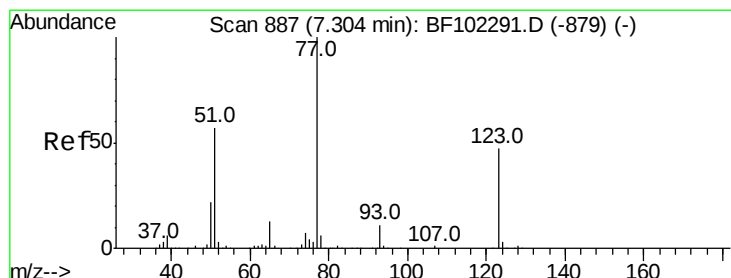
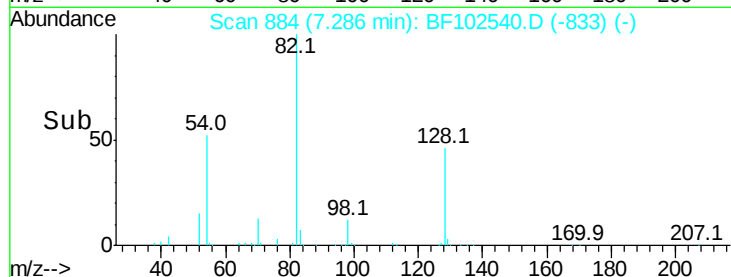
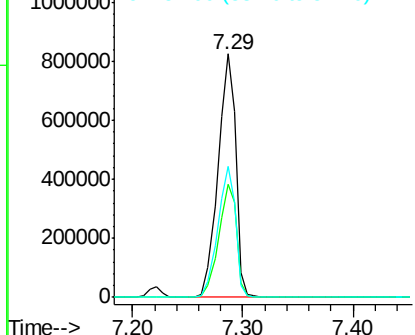
#23
Nitrobenzene-d5
Concen: 78.147 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 920037
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 53.7 41.4 62.2

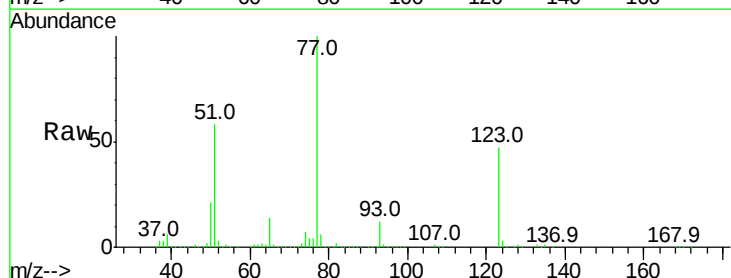


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

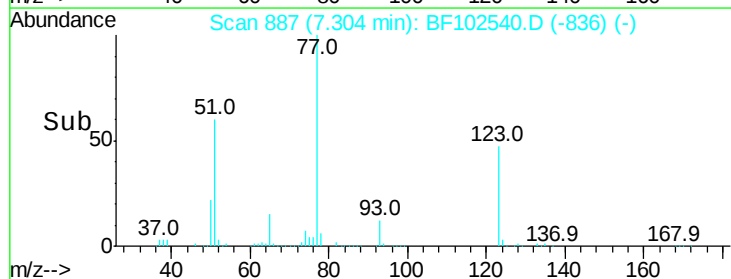
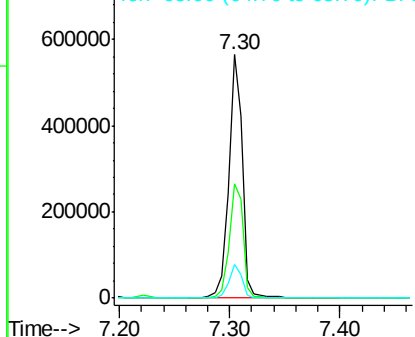


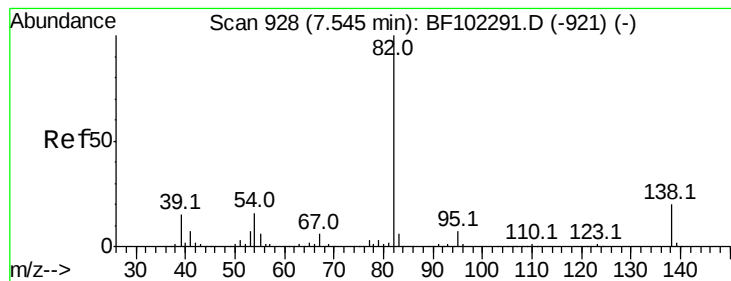
#24
Nitrobenzene
Concen: 39.825 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Tgt Ion: 77 Resp: 479821
Ion Ratio Lower Upper
77 100
123 46.8 37.9 56.9
65 14.0 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.913 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

Instrument :

BNA_F

ClientSampleId :

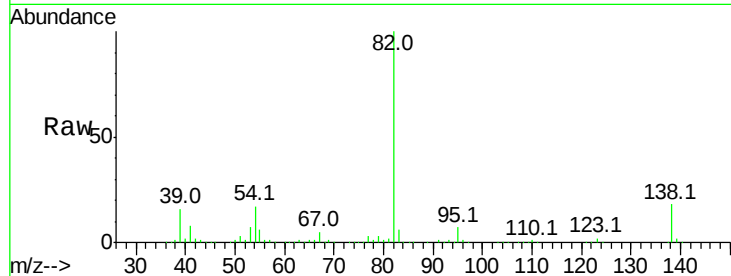
Tot Ion: 82 Resp: 837722

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

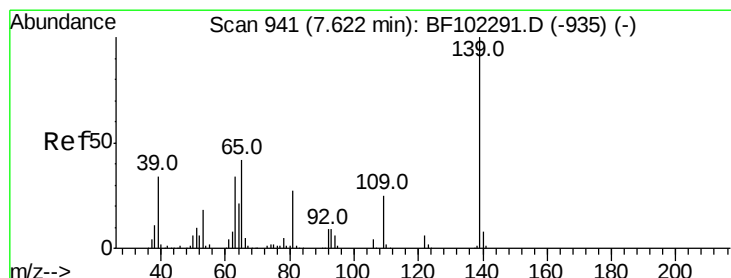
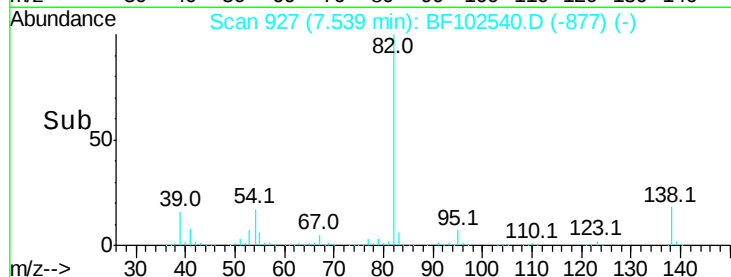
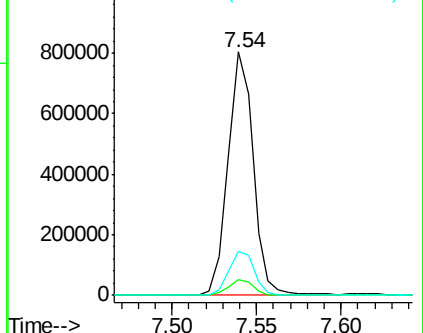
138 18.1 14.9 22.3



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: 34.432 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

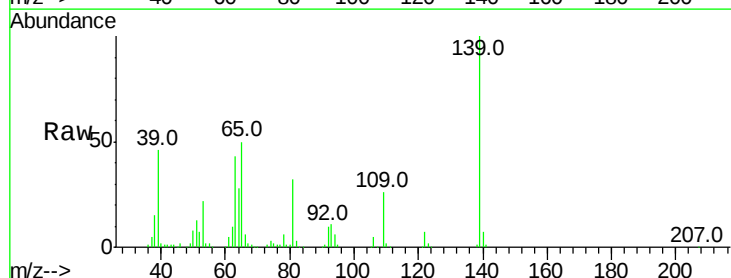
Tgt Ion: 139 Resp: 218337

Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

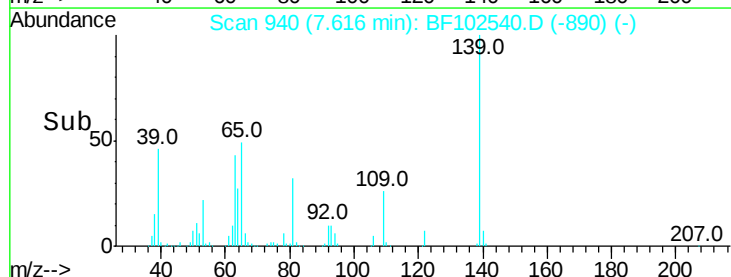
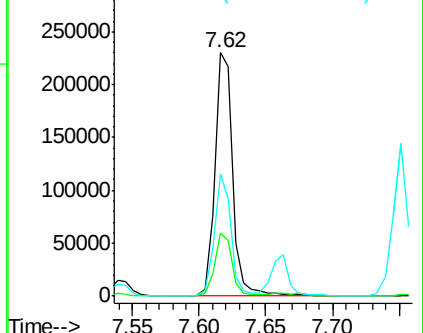
65 50.2 40.5 60.7

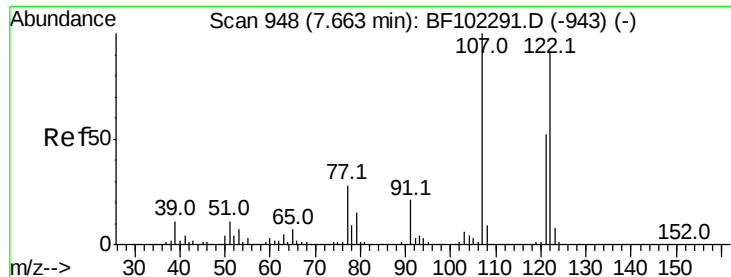


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

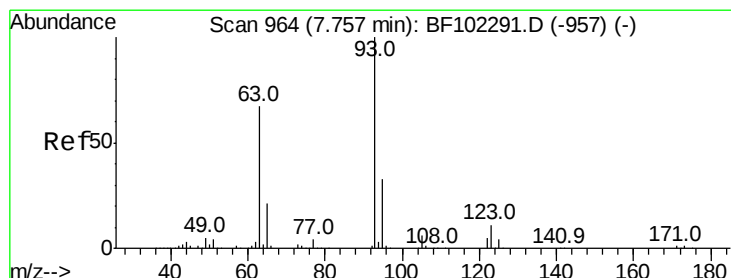
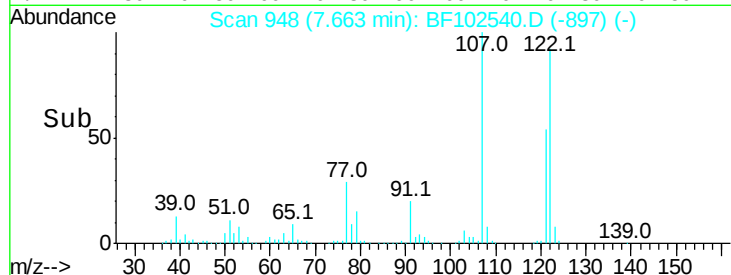
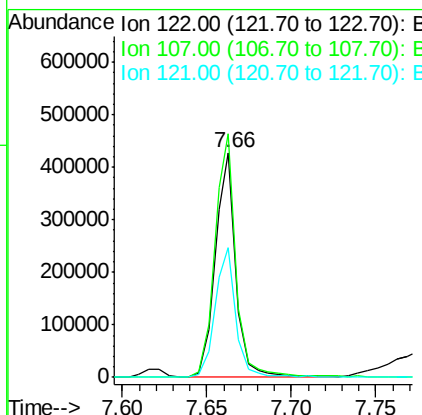
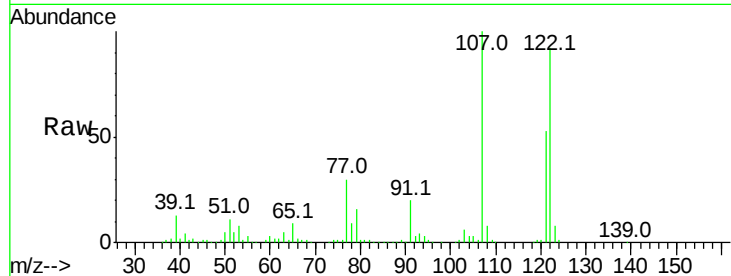




#27
2,4-Dimethylphenol
Concen: 39.545 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

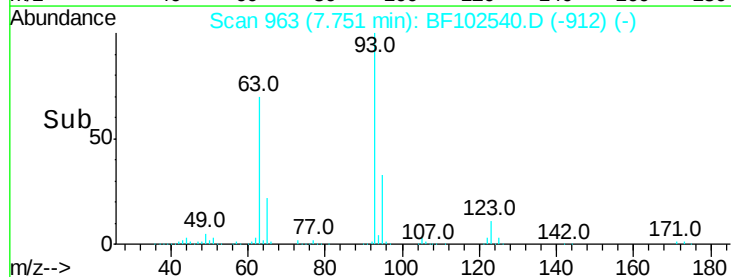
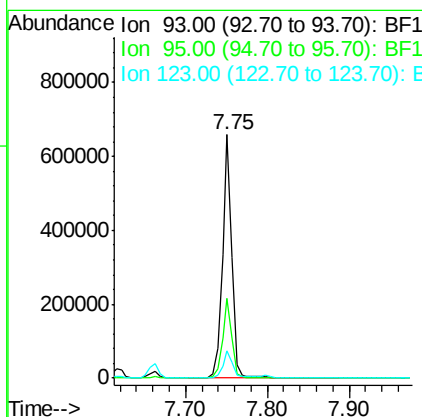
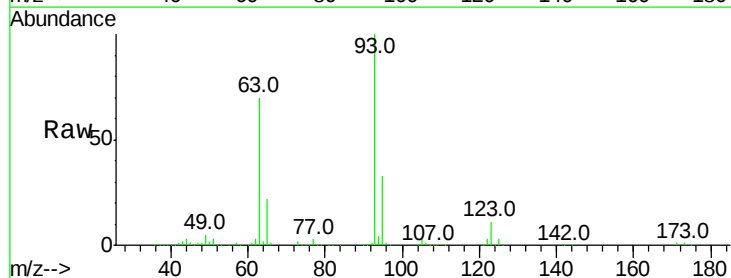
Instrument :
BNA_F
ClientSampleId :

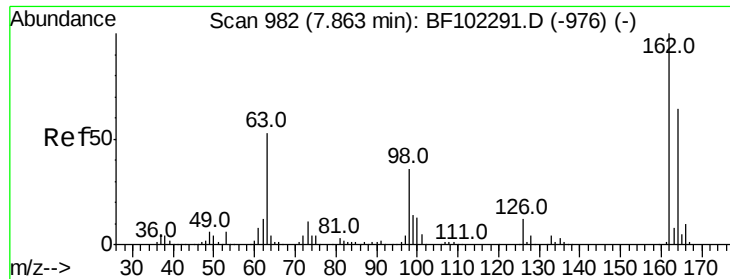
Tot Ion:122 Resp: 364121
Ion Ratio Lower Upper
122 100
107 108.4 91.2 136.8
121 58.0 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.620 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Tgt Ion: 93 Resp: 526650
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 11.0 9.8 14.6

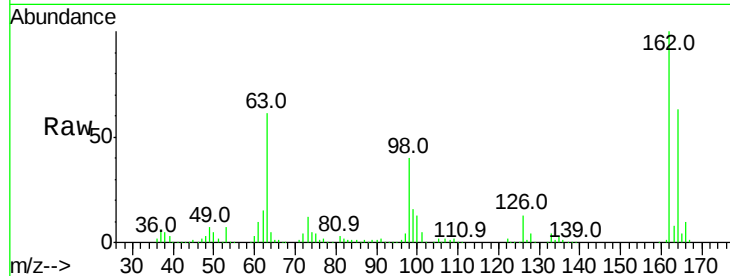




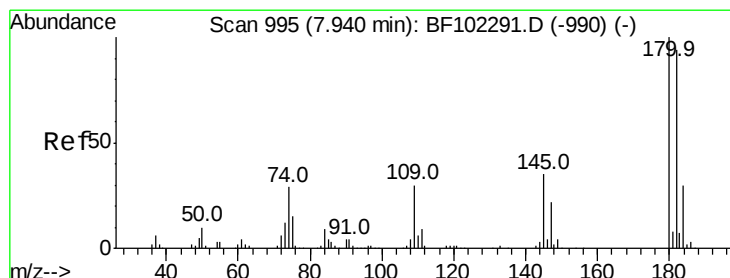
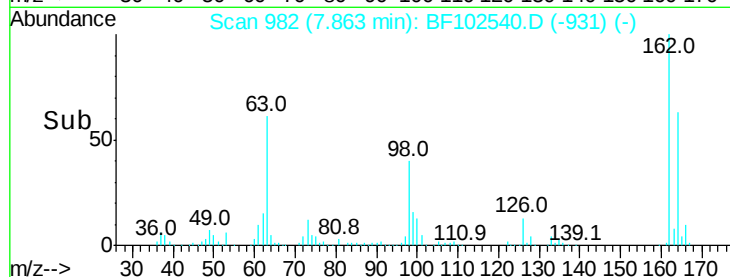
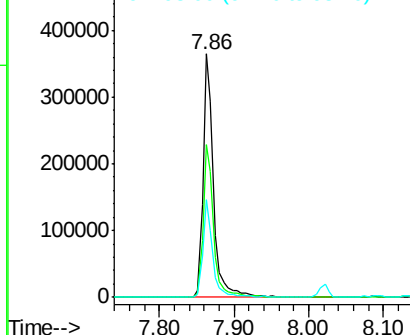
#29
 2,4-Dichlorophenol
 Concen: 38.680 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	42.7	82.7
98	40.2	18.1	58.1

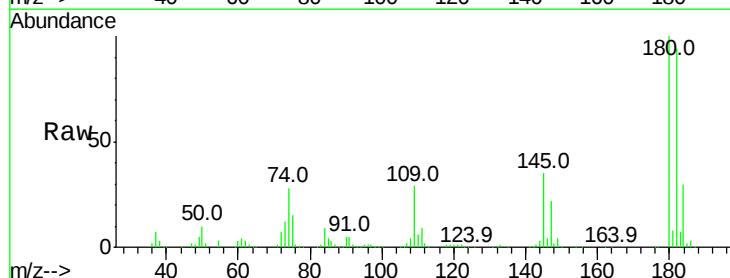


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

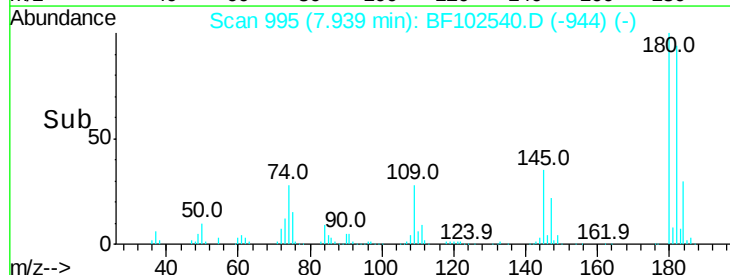
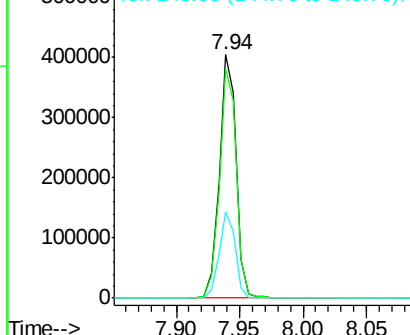


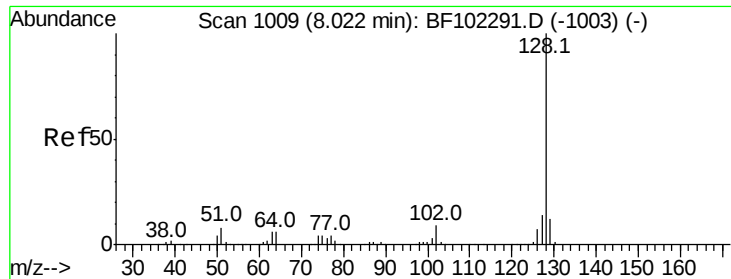
#30
 1,2,4-Trichlorobenzene
 Concen: 37.435 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.8	115.2
145	35.4	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

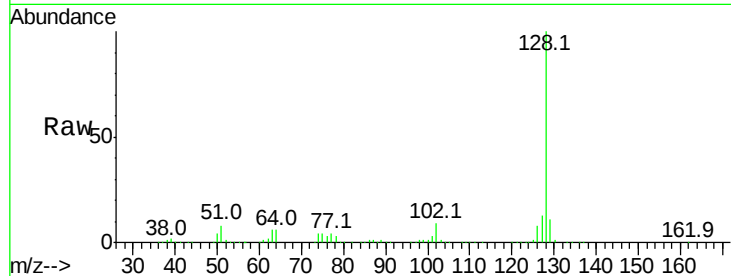




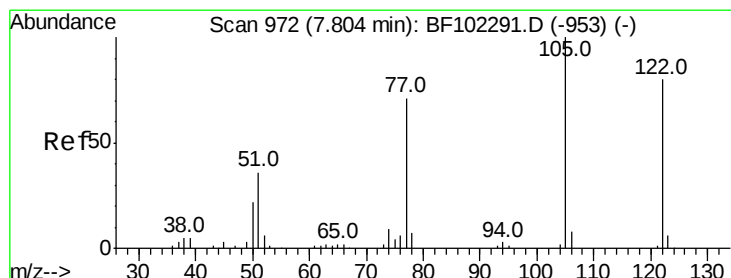
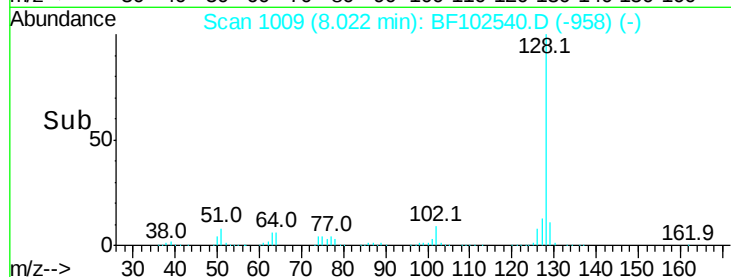
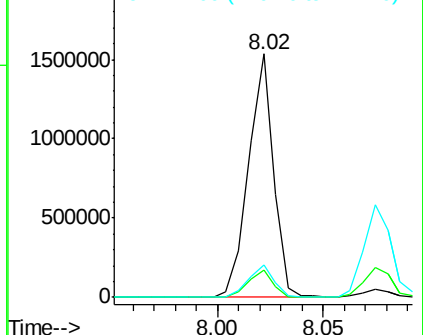
#31
Naphthalene
Concen: 37.639 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1271425
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.4 10.9 16.3

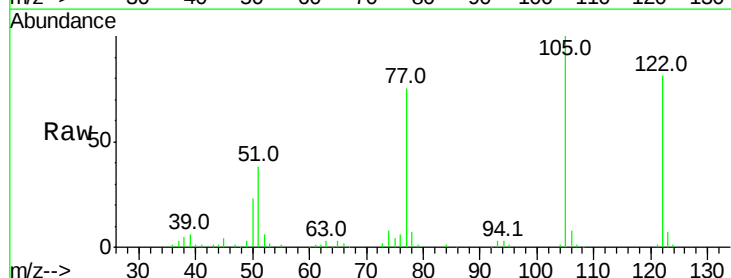


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

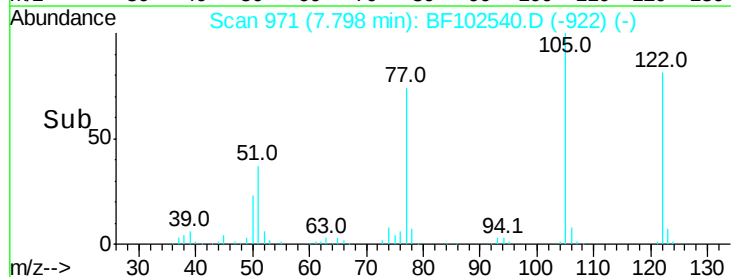
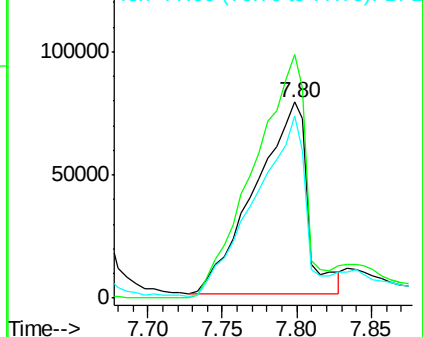


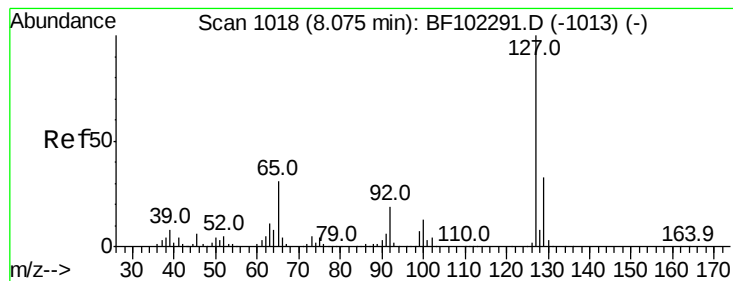
#32
Benzoic acid
Concen: 24.774 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Tgt Ion:122 Resp: 191113
Ion Ratio Lower Upper
122 100
105 124.1 101.1 141.1
77 93.0 70.7 110.7



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





#33

4-Chloroaniline

Concen: 38.614 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 548500

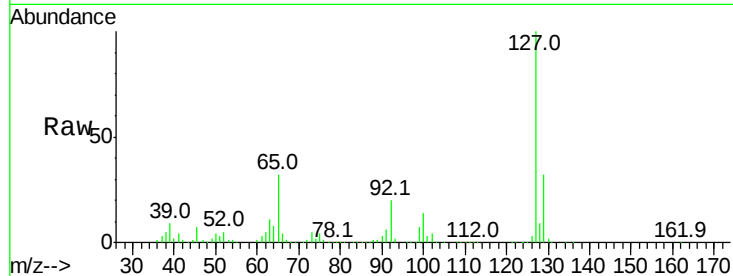
Ion Ratio Lower Upper

127 100

129 32.2 25.9 38.9

65 31.9 25.0 37.4

92 19.5 15.2 22.8

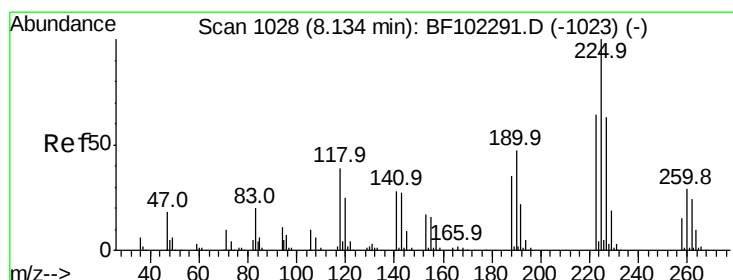
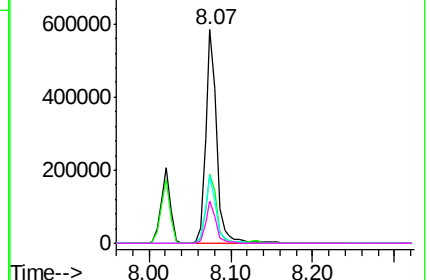
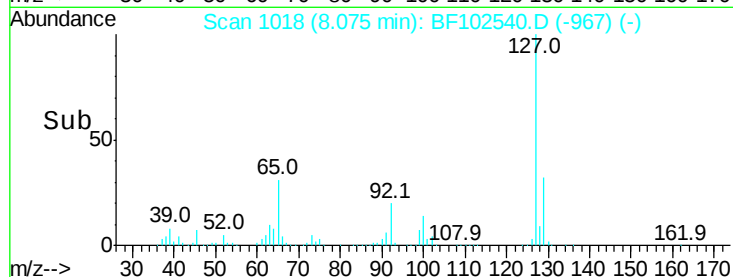


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 37.377 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

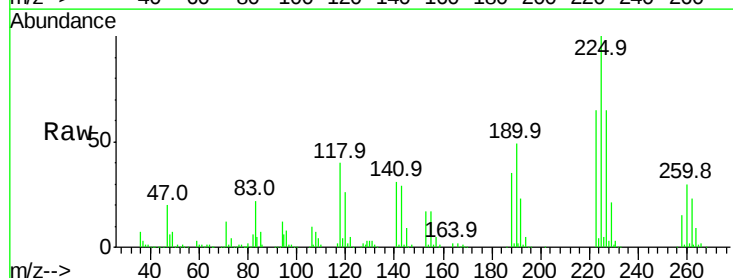
Tgt Ion:225 Resp: 200709

Ion Ratio Lower Upper

225 100

223 64.7 50.6 76.0

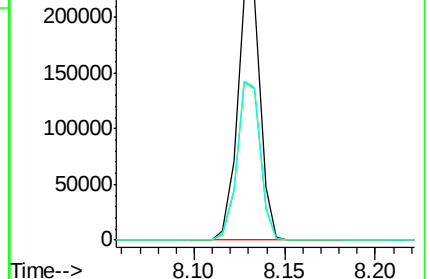
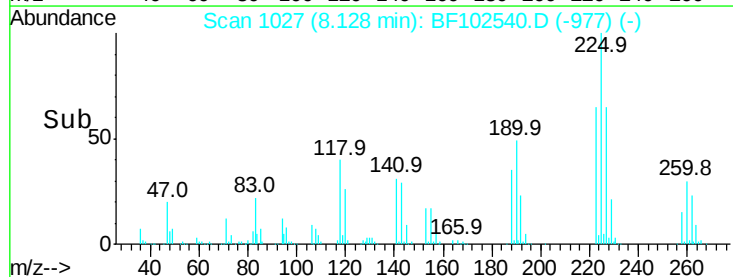
227 65.2 51.9 77.9

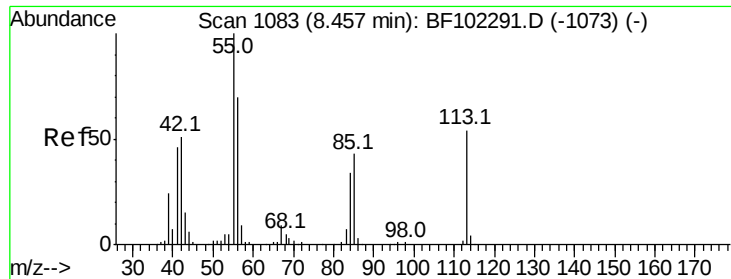


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

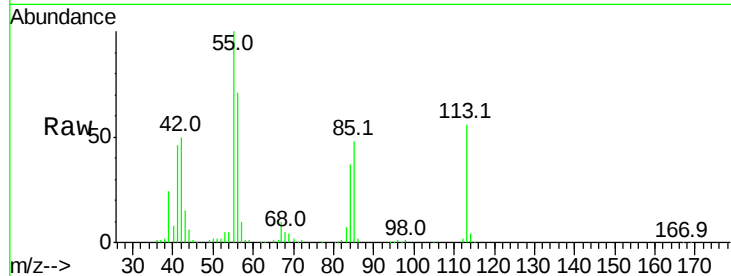




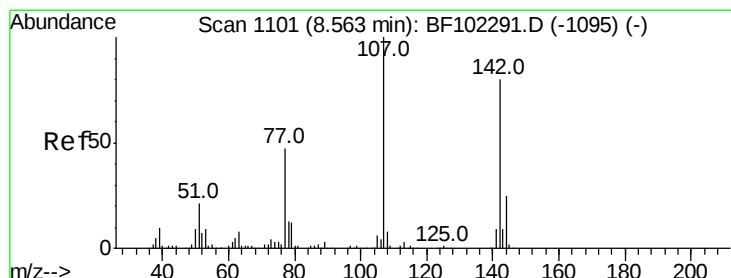
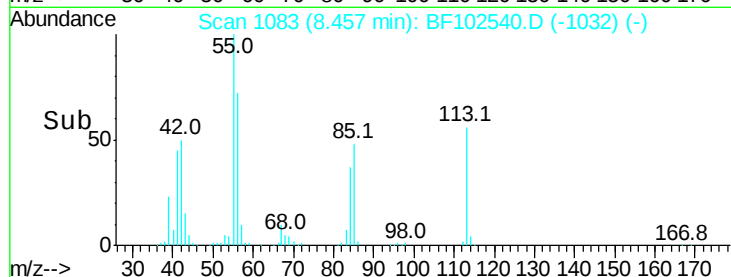
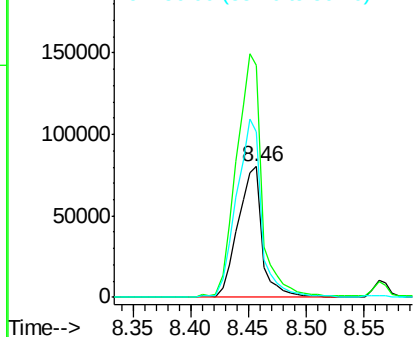
#35
 Caprolactam
 Concen: 37.963 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 117594
 Ion Ratio Lower Upper
 113 100
 55 178.2 163.3 203.3
 56 127.2 115.7 155.7

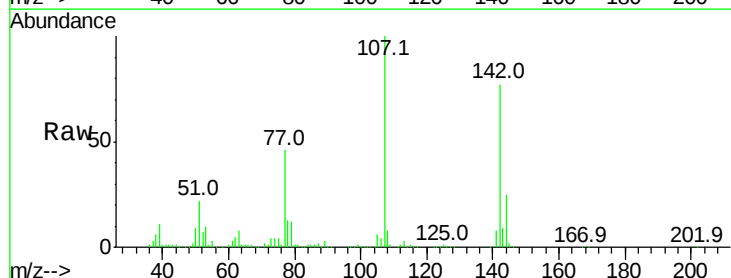


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

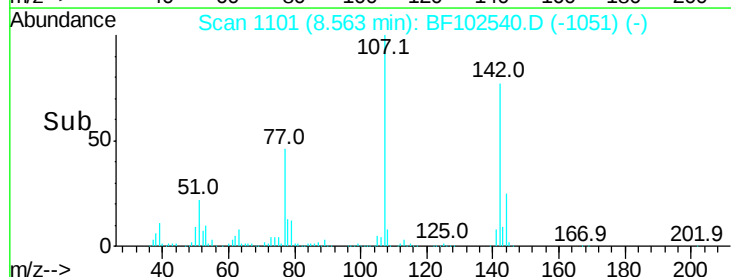
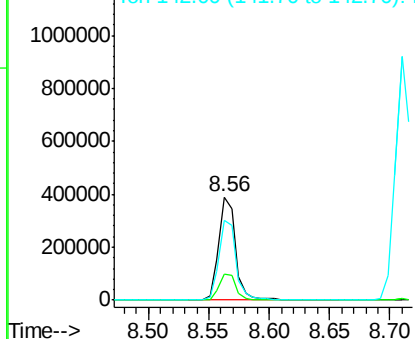


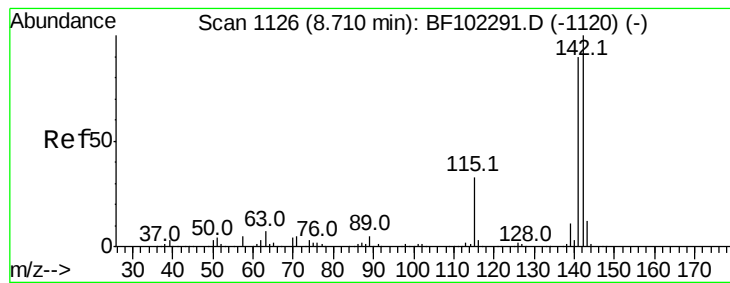
#36
 4-Chloro-3-methylphenol
 Concen: 38.111 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Tgt Ion:107 Resp: 376782
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.5 30.7
 142 77.2 62.0 93.0



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





#37

2-Methylnaphthalene

Concen: 36.370 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

Instrument :

BNA_F

ClientSampled :

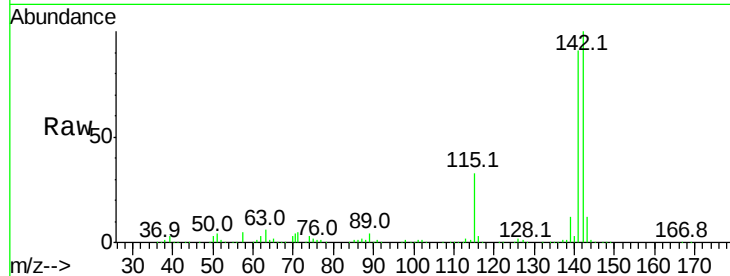
Tot Ion:142 Resp: 818185

Ion Ratio Lower Upper

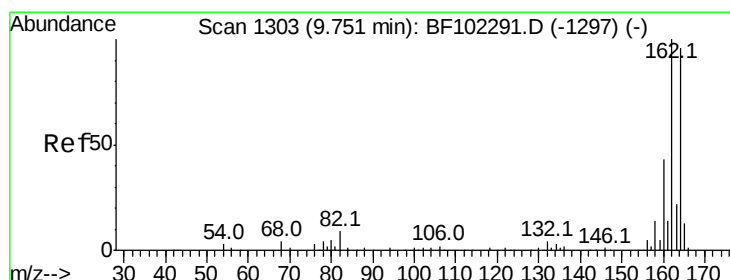
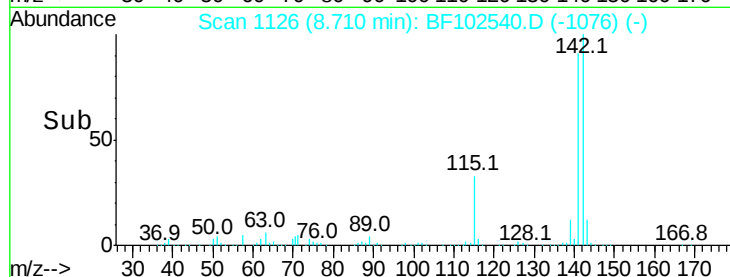
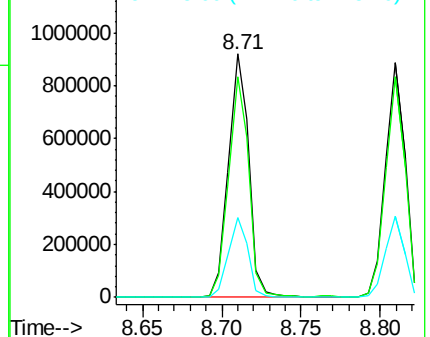
142 100

141 90.8 70.8 106.2

115 32.8 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

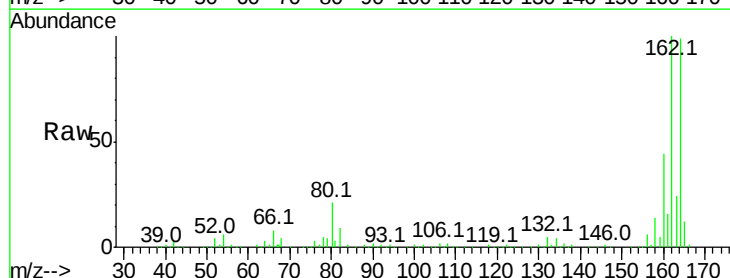
Tgt Ion:164 Resp: 269501

Ion Ratio Lower Upper

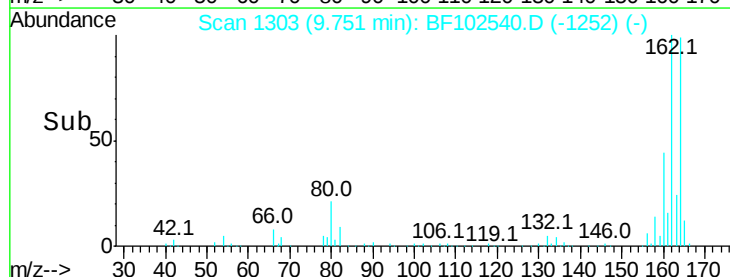
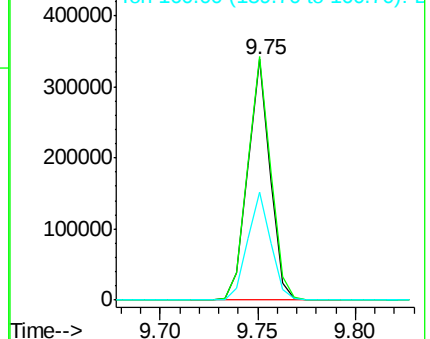
164 100

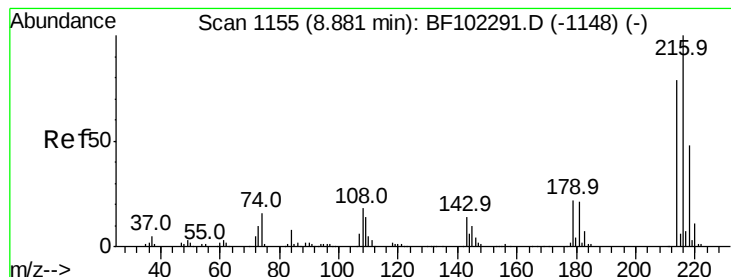
162 101.1 86.1 129.1

160 44.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.152 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 325562

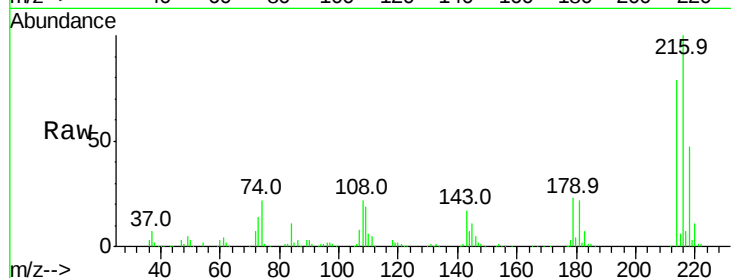
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 22.5 18.1 27.1

108 20.3 17.2 25.8

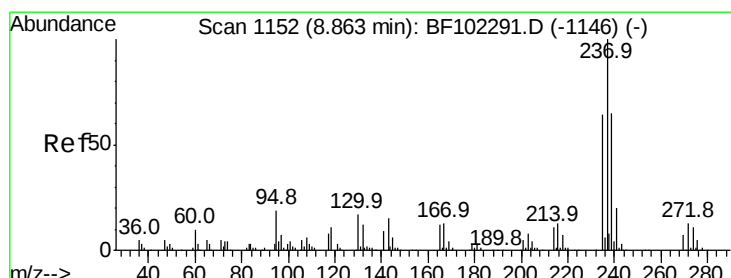
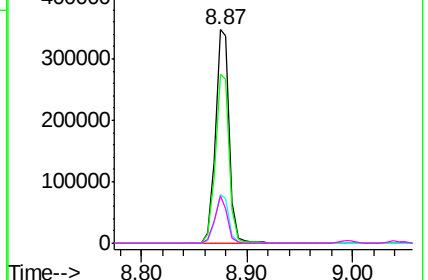
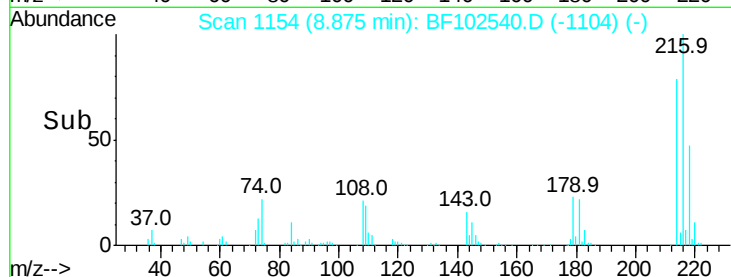


Abundance Ion 216.00 (215.70 to 216.70): E

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: 2.944 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

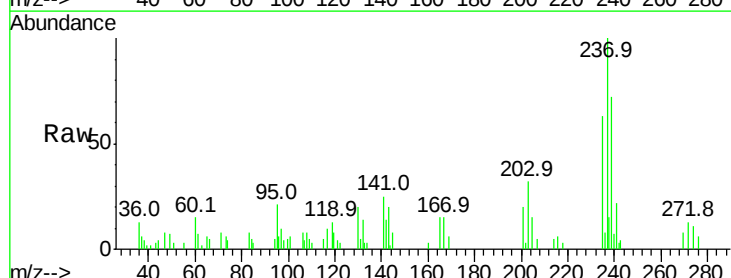
Tgt Ion:237 Resp: 10681

Ion Ratio Lower Upper

237 100

235 62.5 44.8 84.8

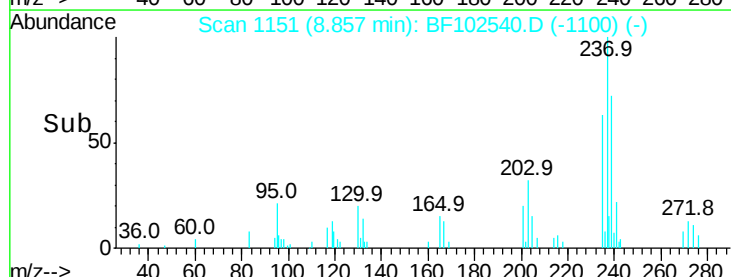
272 13.2 0.0 33.3



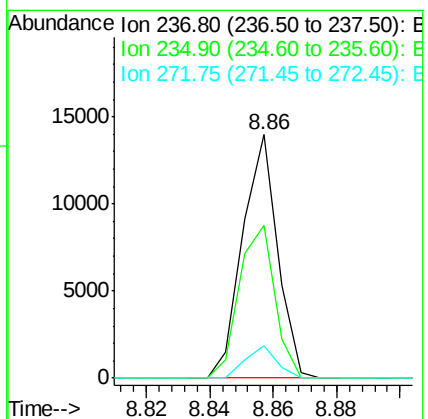
Abundance Ion 236.80 (236.50 to 237.50): E

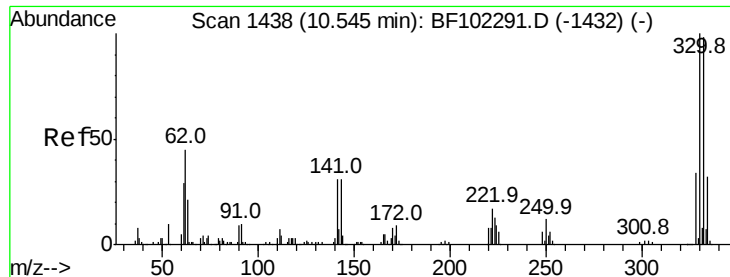
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

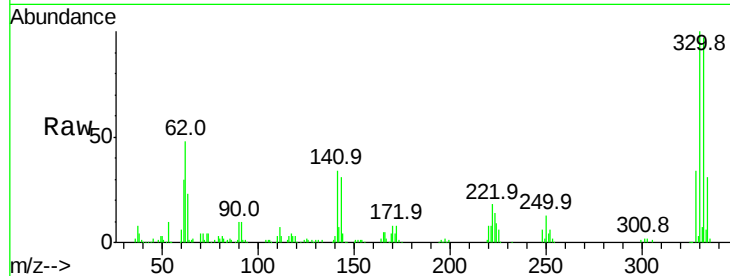




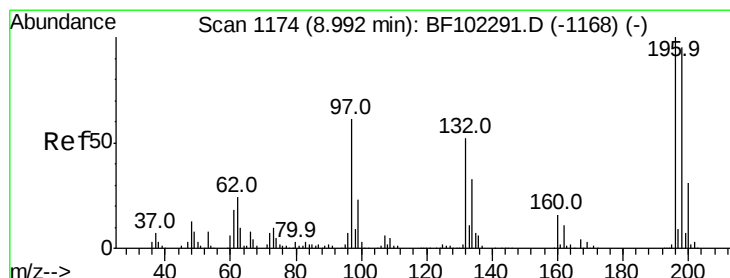
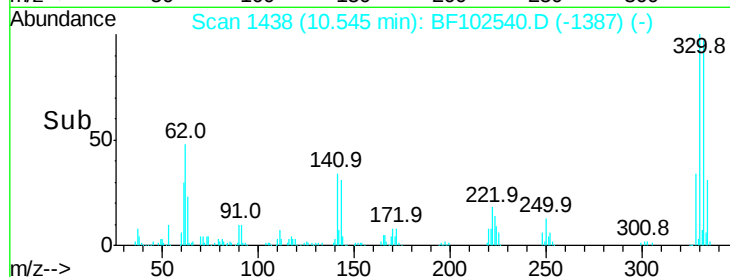
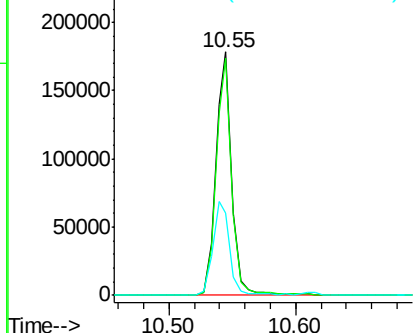
#41
 2,4,6-Tribromophenol
 Concen: 59.167 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	40.8	29.9	44.9

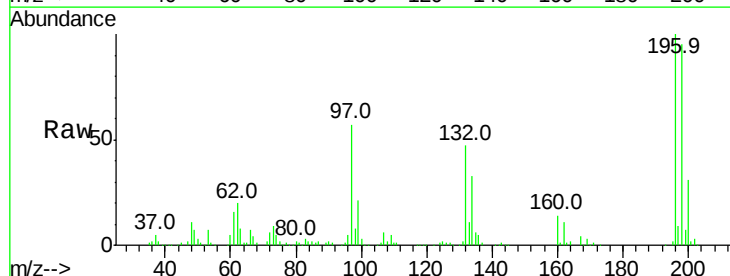


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

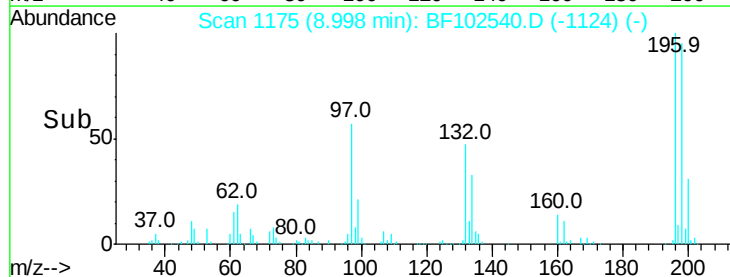
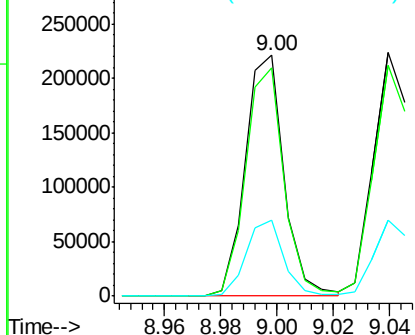


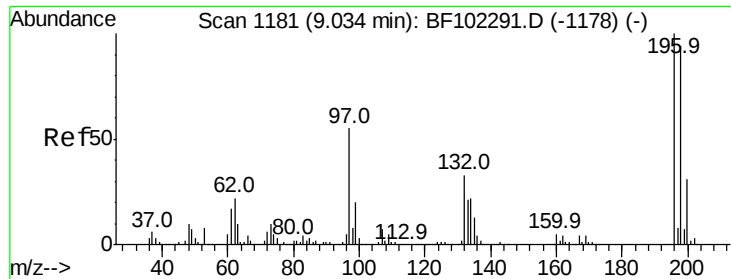
#42
 2,4,6-Trichlorophenol
 Concen: 38.716 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.7	113.5
200	31.4	24.5	36.7



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

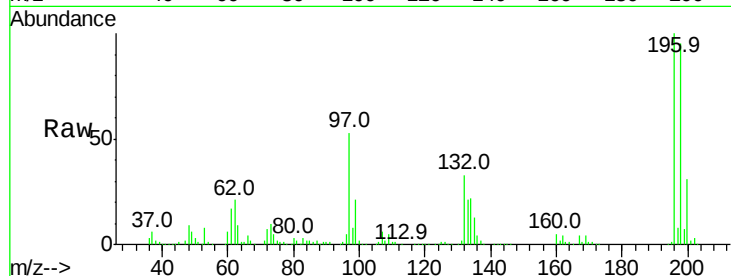




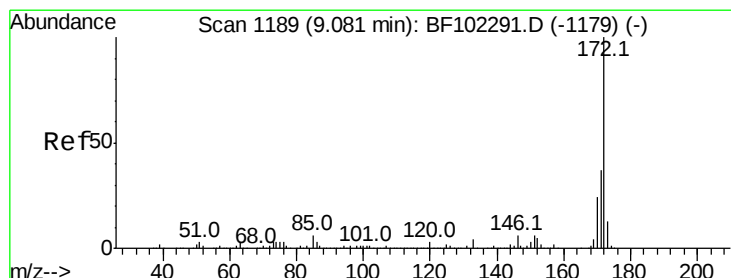
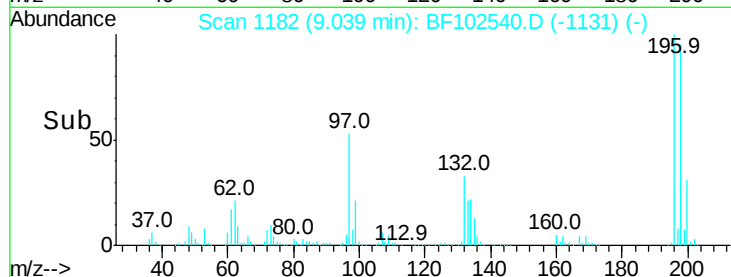
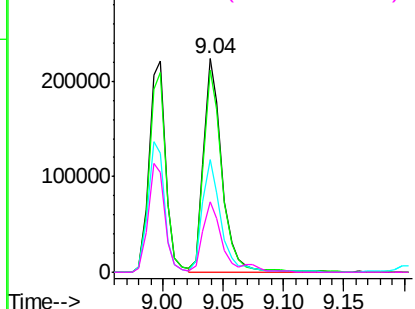
#43
 2,4,5-Trichlorophenol
 Concen: 38.408 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 234728
 Ion Ratio Lower Upper
 196 100
 198 94.8 74.6 112.0
 97 52.8 42.9 64.3
 132 33.2 26.3 39.5

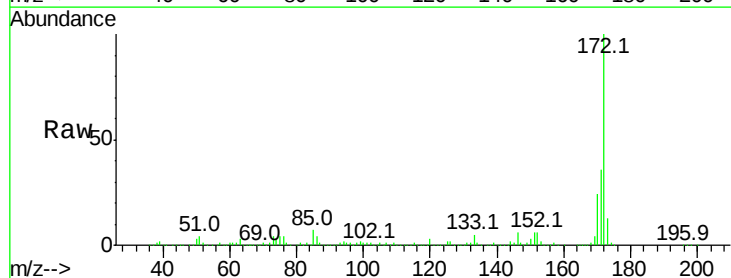


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

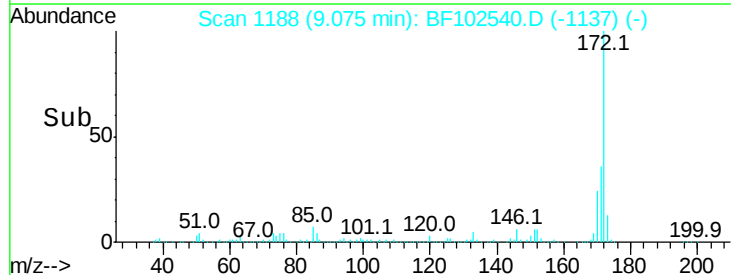
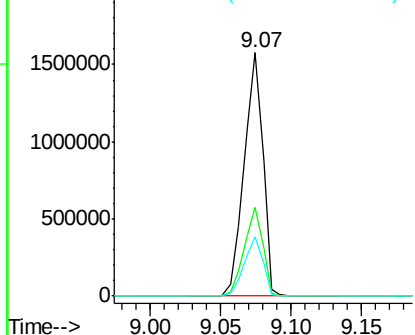


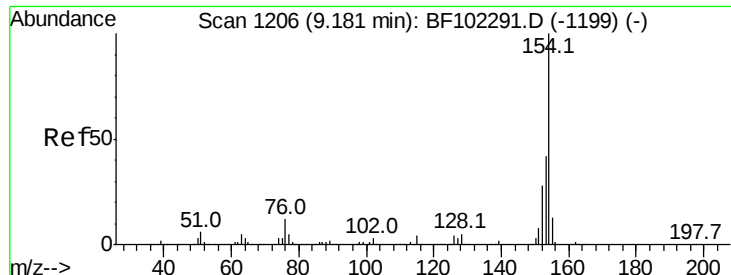
#44
 2-Fluorobiphenyl
 Concen: 79.908 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Tgt Ion:172 Resp: 1464625
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.5 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

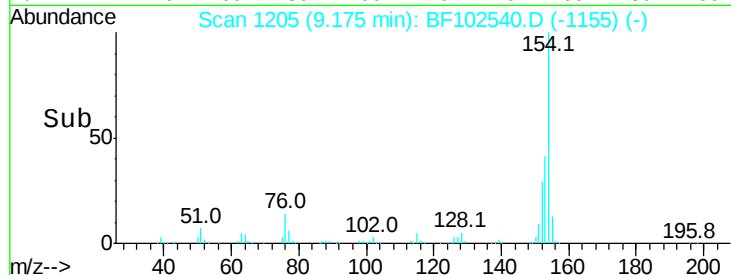
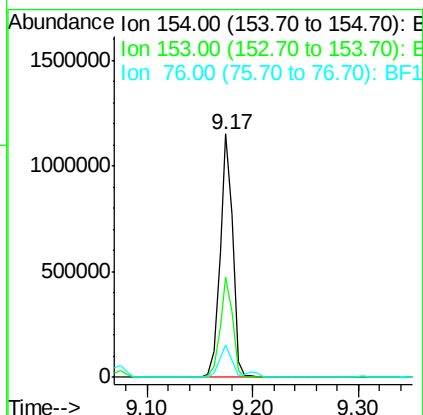
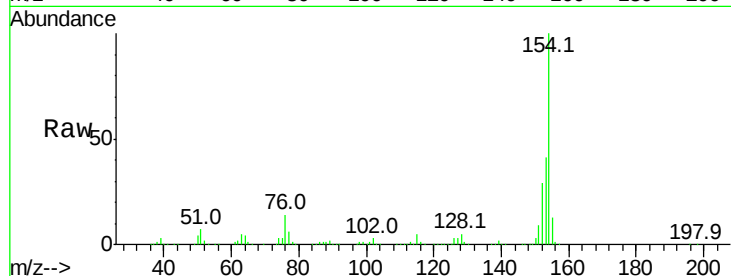




#45
 1,1'-Biphenyl
 Concen: 40.383 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

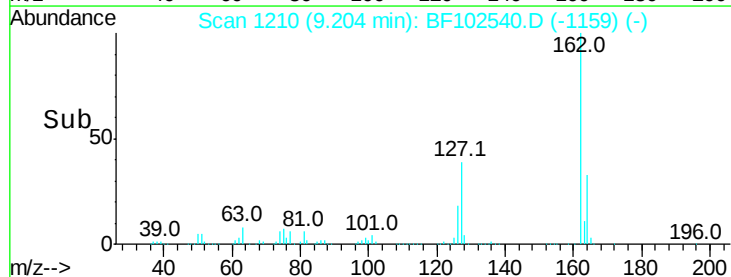
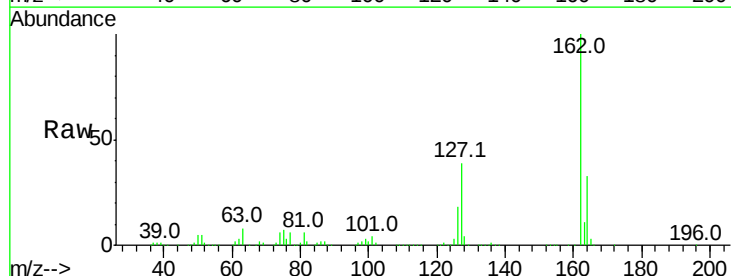
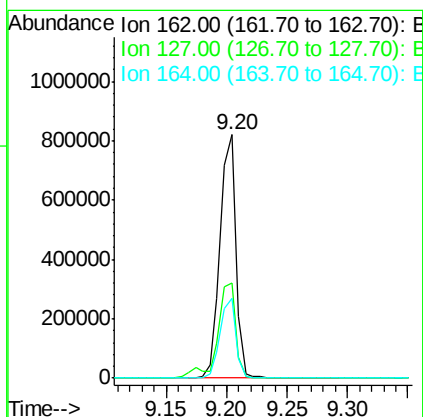
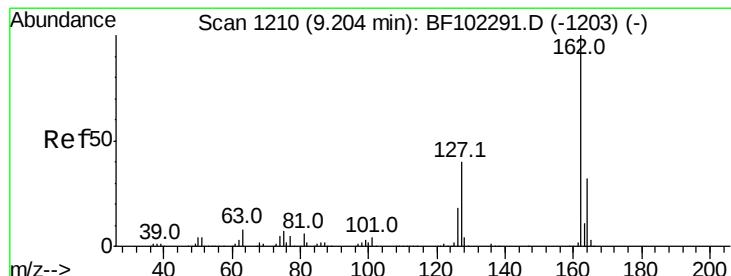
Instrument :
 BNA_F
 ClientSampleId :

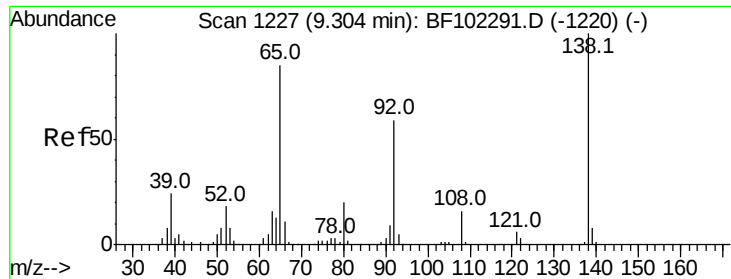
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	13.5	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 39.533 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	33.9	50.9
164	32.8	26.5	39.7

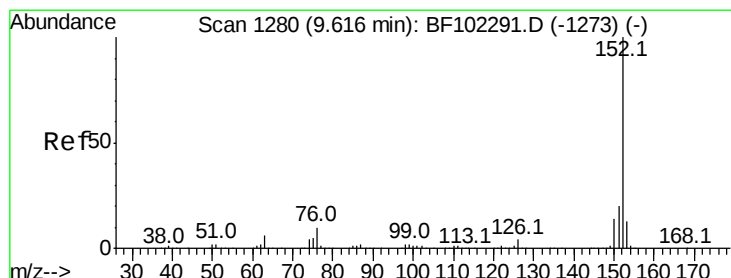
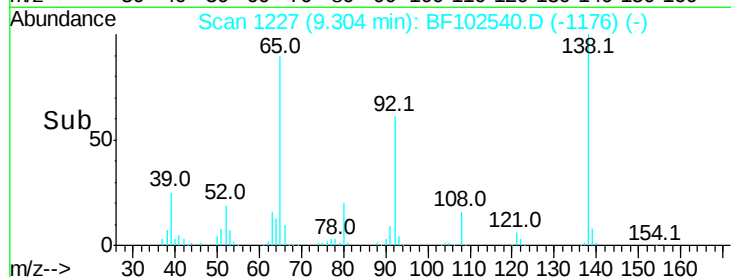
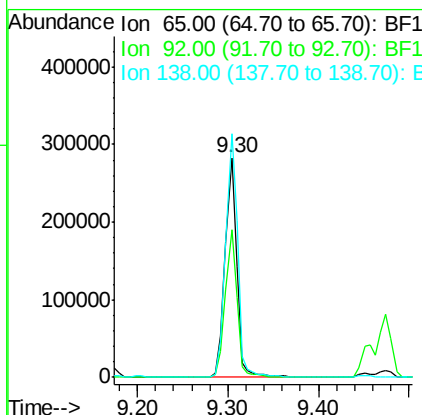
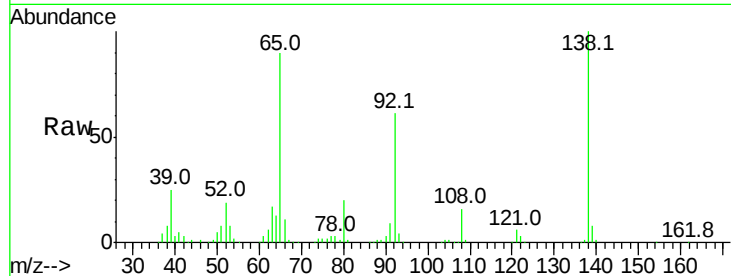




#47
 2-Nitroaniline
 Concen: 43.105 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

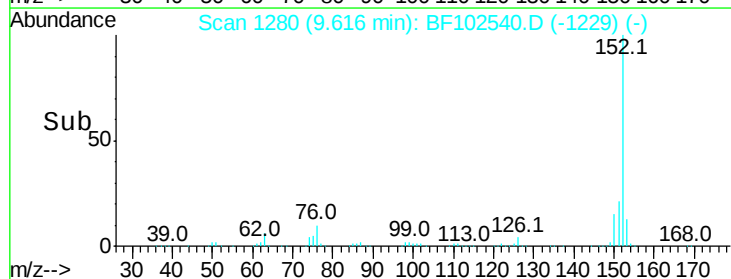
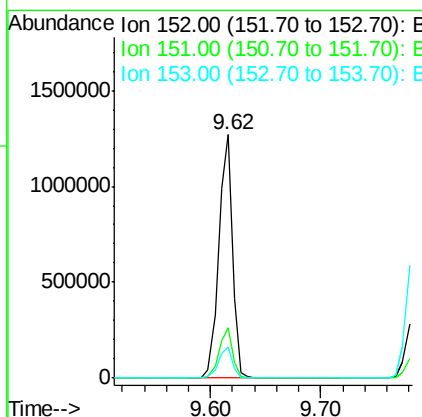
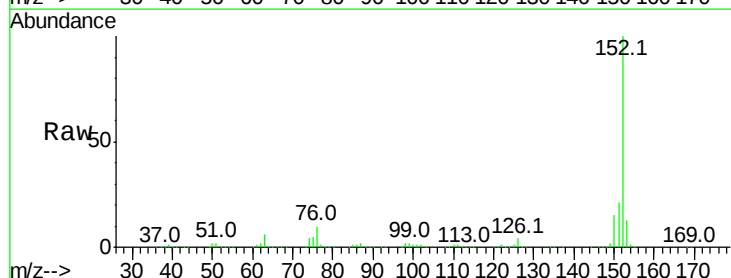
Instrument :
 BNA_F
 ClientSampleId :

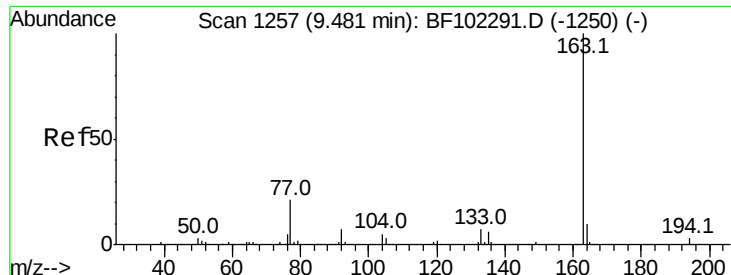
Tot Ion	Ratio	Lower	Upper
65	100		
92	67.1	55.8	83.6
138	110.8	91.2	136.8



#48
 Acenaphthylene
 Concen: 37.570 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	12.9	10.7	16.1

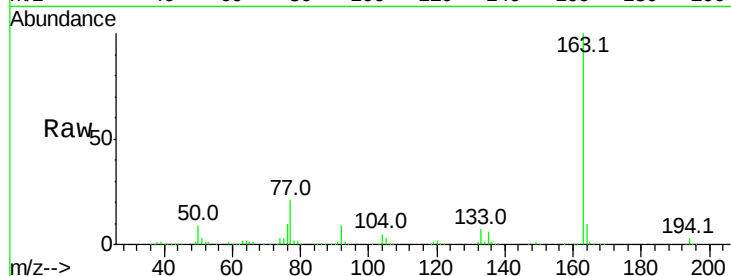




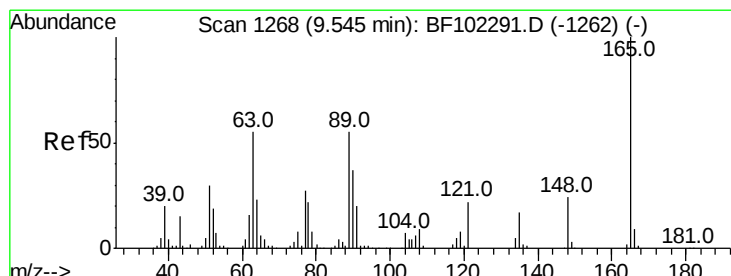
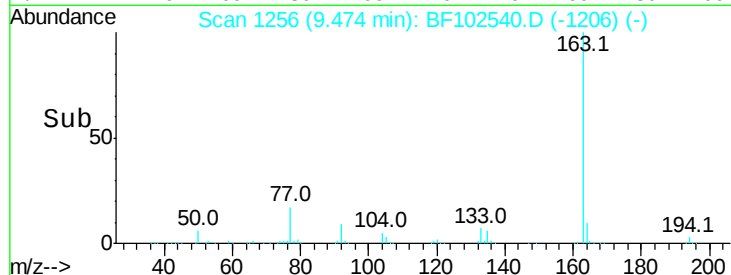
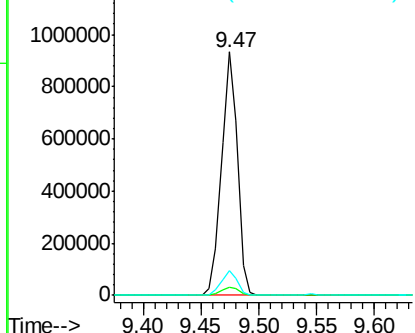
#49
Dimethylphthalate
Concen: 40.136 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 894074
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.2 8.2 12.2

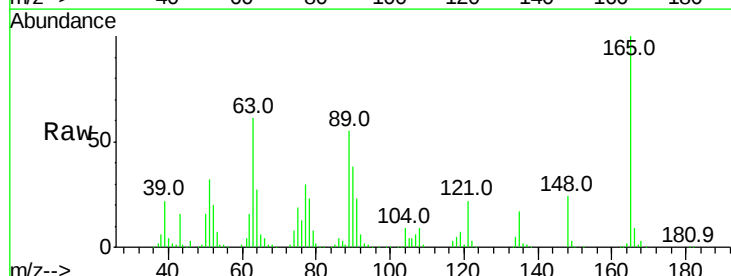


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

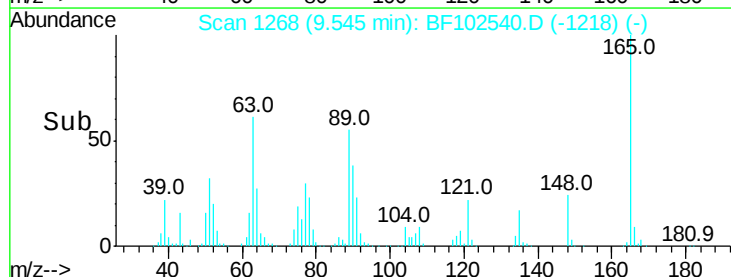
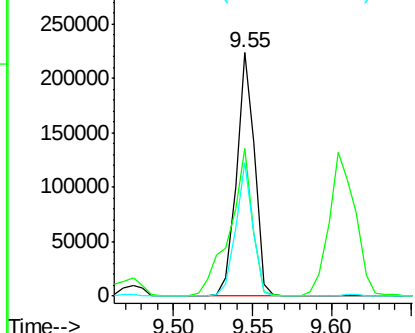


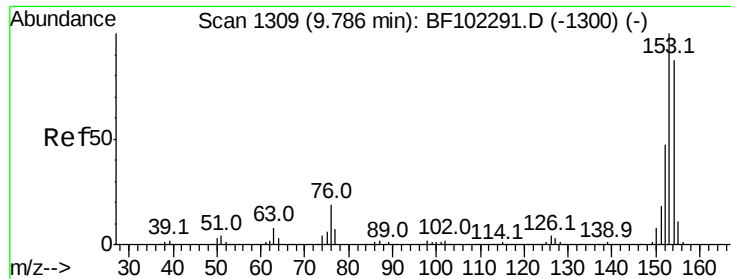
#50
2,6-Dinitrotoluene
Concen: 36.722 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Tgt Ion:165 Resp: 176366
Ion Ratio Lower Upper
165 100
63 60.9 44.7 67.1
89 55.0 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: 37.618 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

Instrument :

BNA_F

ClientSampleId :

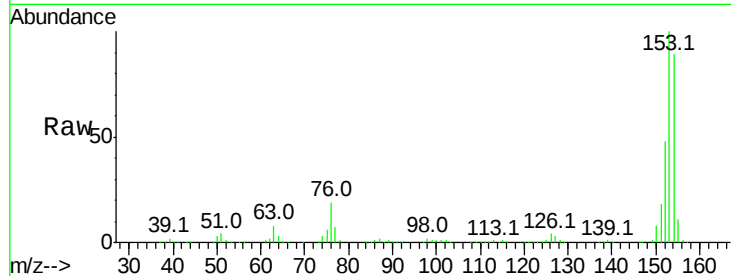
Tot Ion:154 Resp: 641118

Ion Ratio Lower Upper

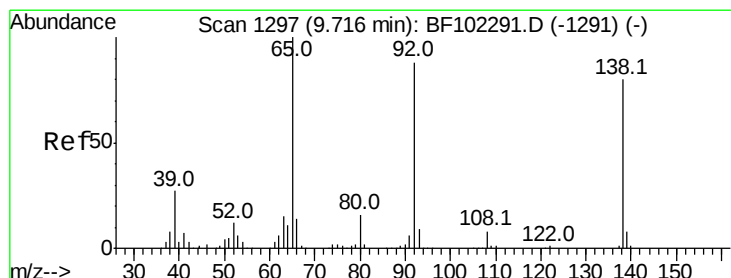
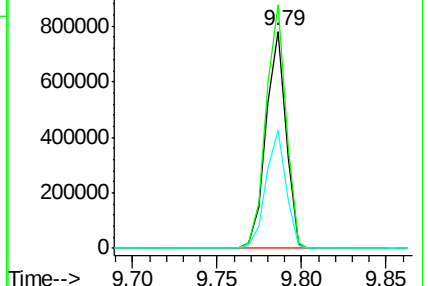
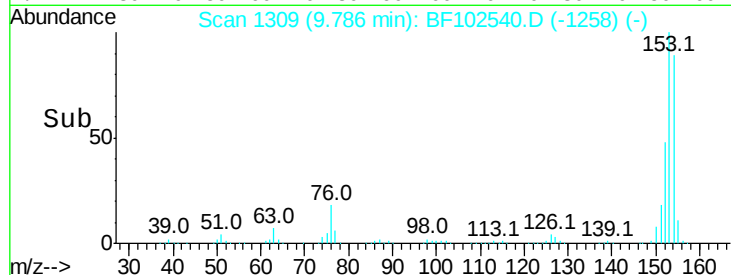
154 100

153 112.3 91.2 136.8

152 54.4 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: 41.047 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

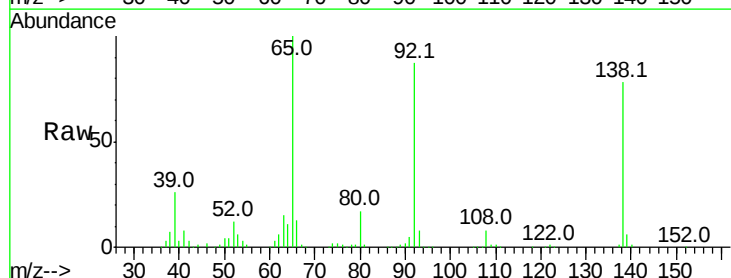
Tgt Ion:138 Resp: 233208

Ion Ratio Lower Upper

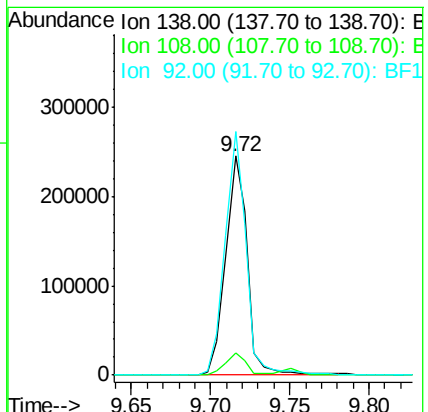
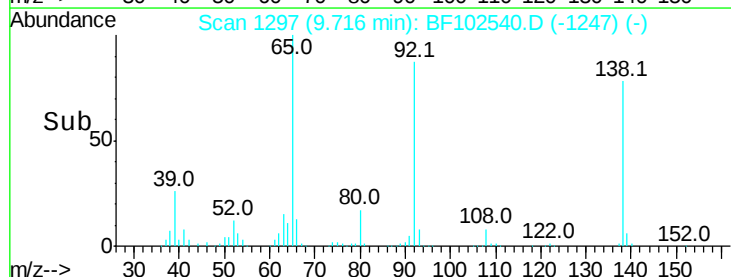
138 100

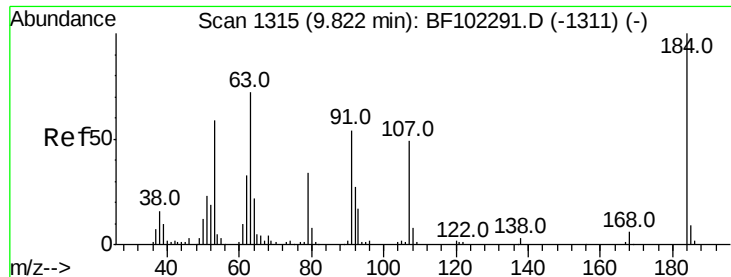
108 10.2 9.4 14.0

92 111.0 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

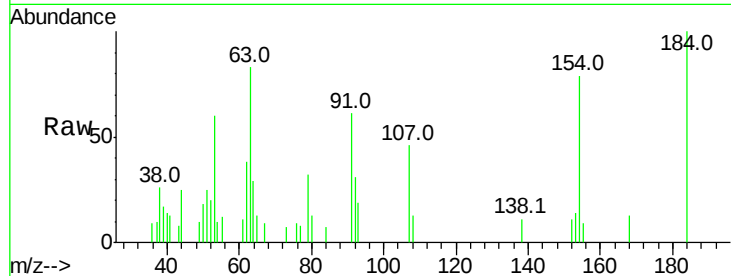




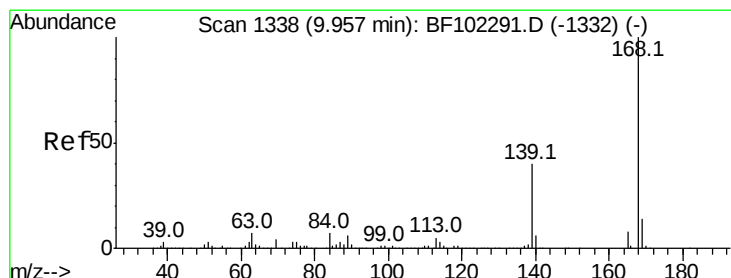
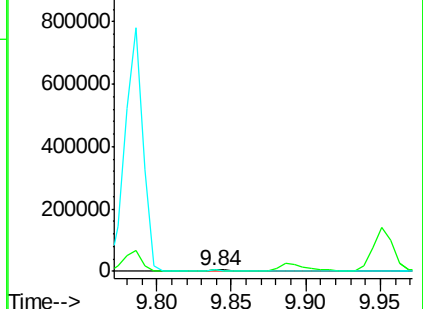
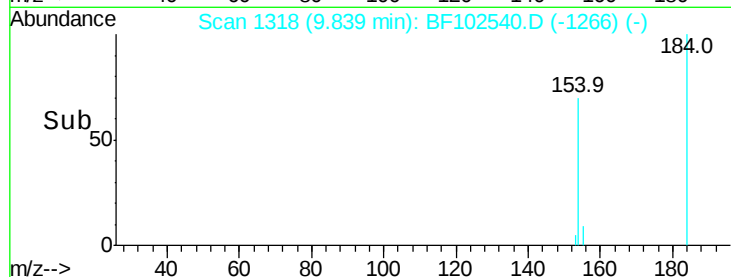
#53
 2,4-Dinitrophenol
 Concen: 7.184 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 7881
 Ion Ratio Lower Upper
 184 100
 63 83.5 54.2 81.2#
 154 78.7 184.0 276.0#

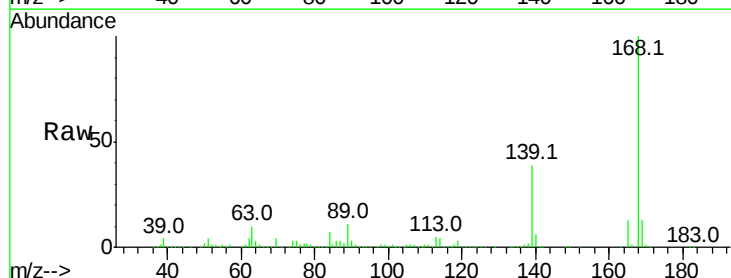


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

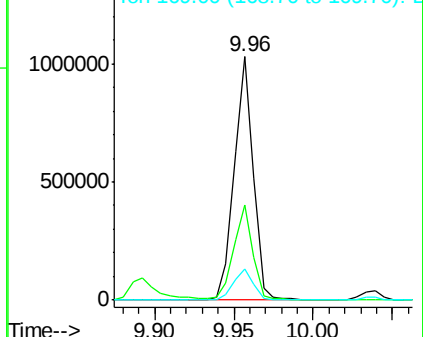
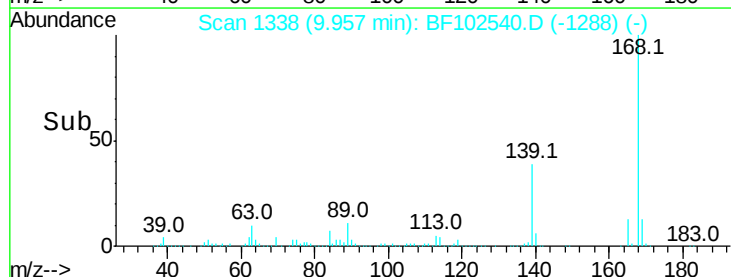


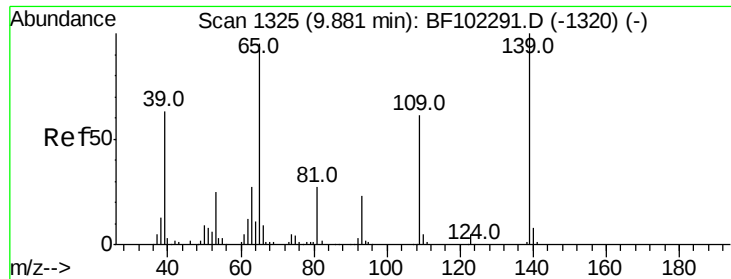
#54
 Dibenzofuran
 Concen: 37.225 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Tgt Ion:168 Resp: 858614
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.1 45.1
 169 13.1 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

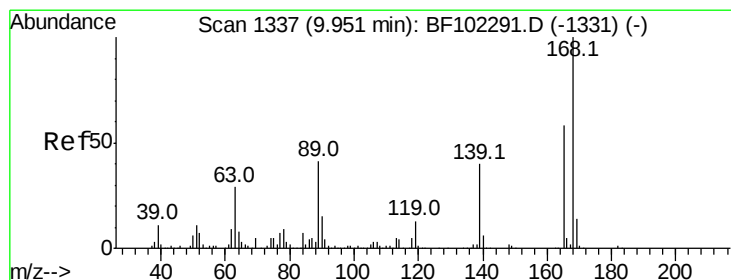
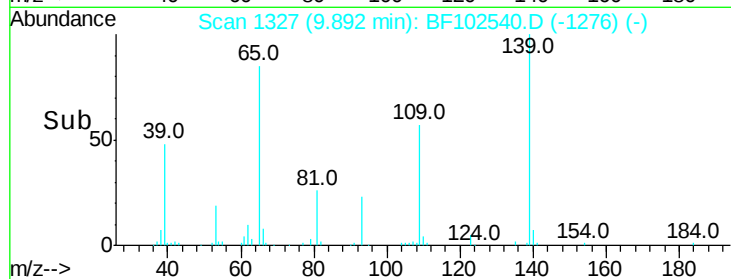
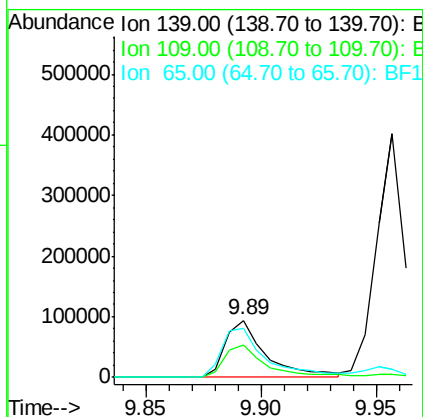
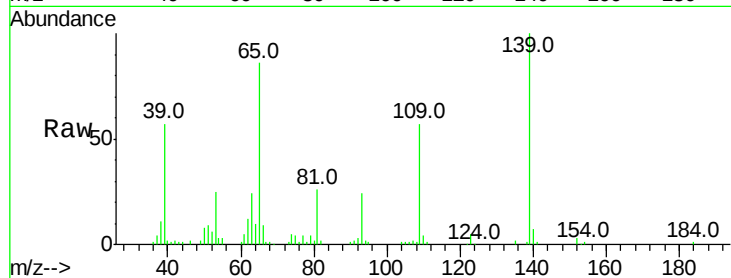




#55
4-Nitrophenol
Concen: 30.714 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

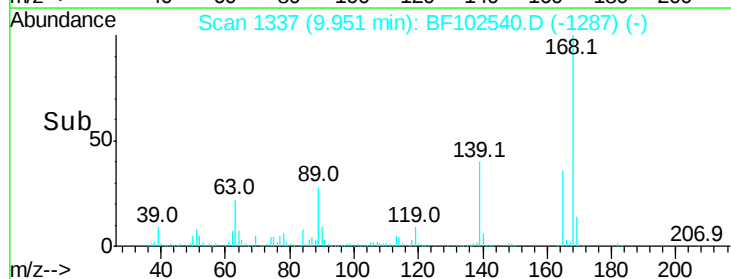
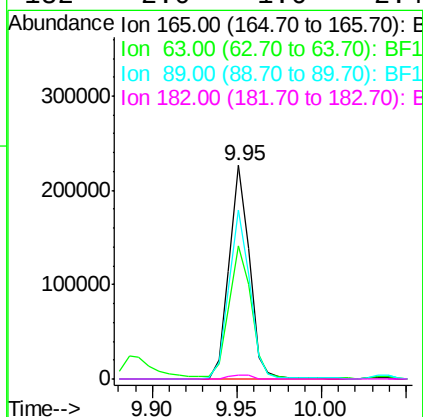
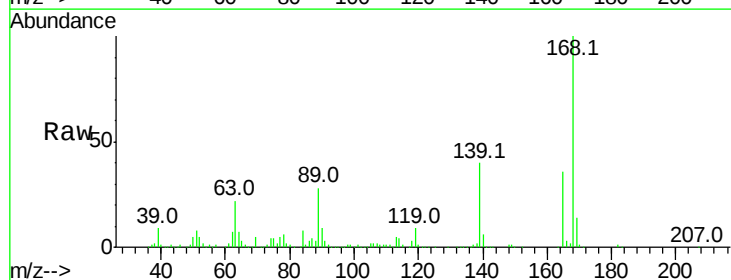
Instrument :
BNA_F
ClientSampleId :

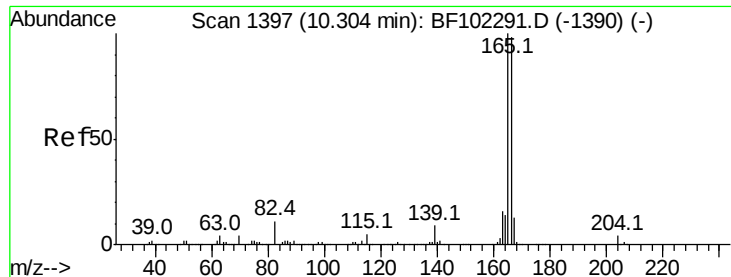
Tot Ion:139 Resp: 115188
Ion Ratio Lower Upper
139 100
109 56.6 48.4 88.4
65 86.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 32.209 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Tgt Ion:165 Resp: 190228
Ion Ratio Lower Upper
165 100
63 62.6 36.4 54.6#
89 79.3 57.8 86.6
182 2.0 1.6 2.4

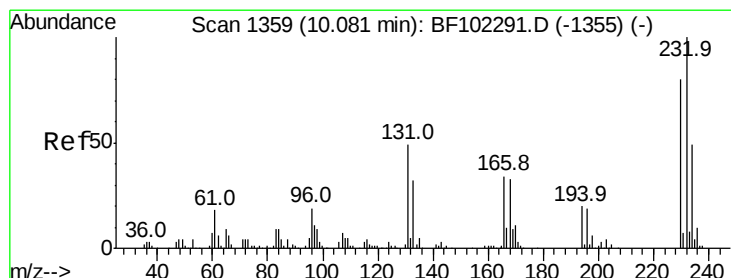
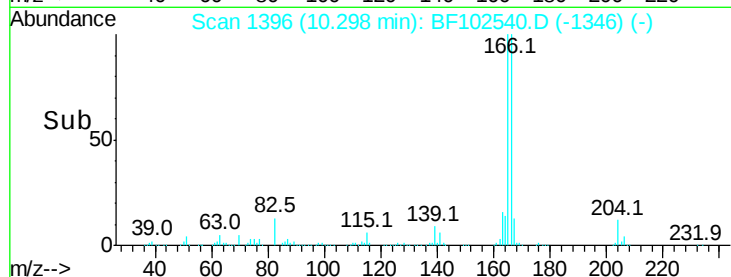
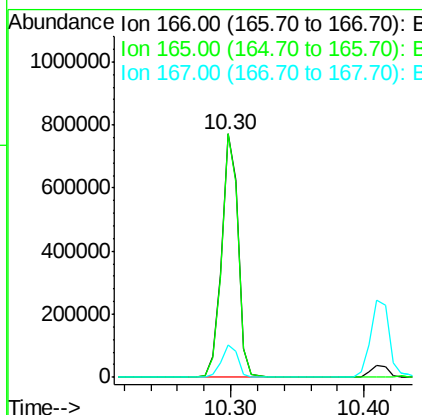
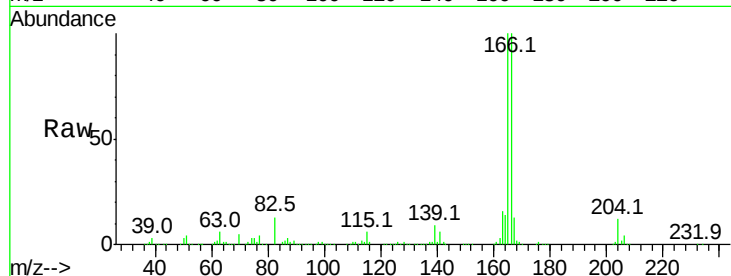




#57
 Fluorene
 Concen: 36.941 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

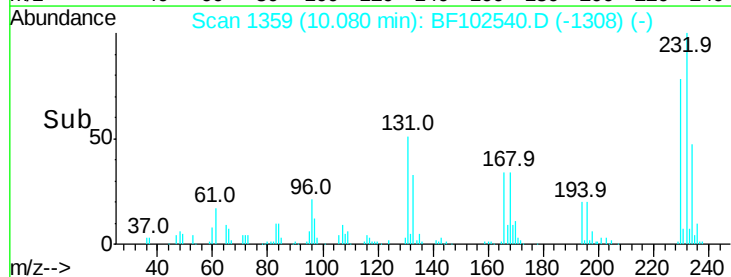
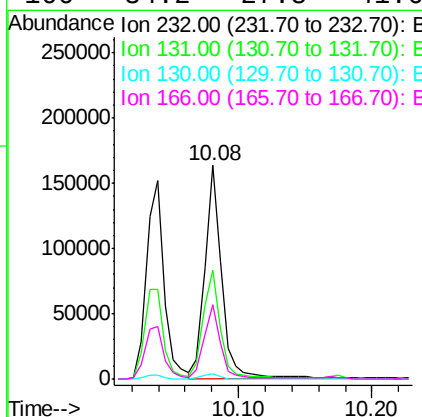
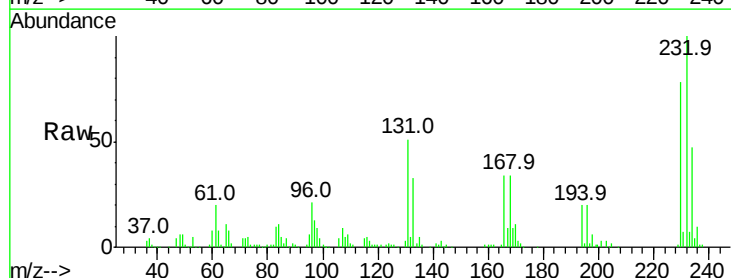
Instrument :
 BNA_F
 ClientSampleId :

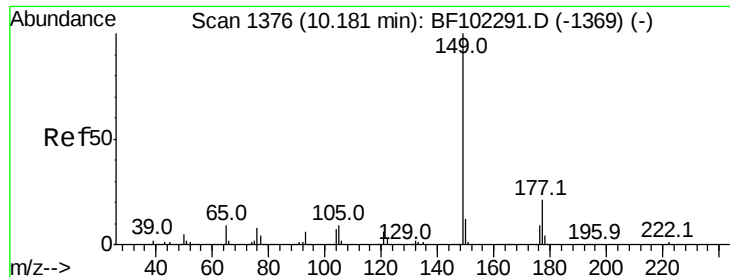
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.8	119.8
167	13.2	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.625 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.3	43.8	65.8
130	2.6	2.1	3.1
166	34.2	27.8	41.6

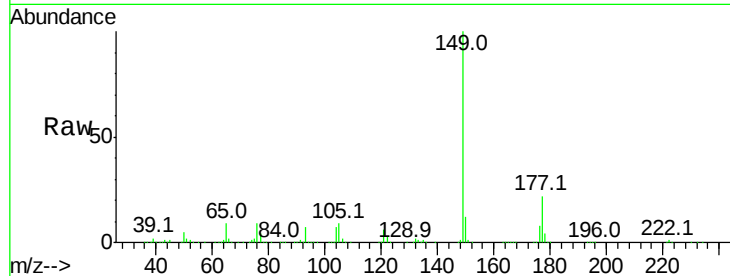




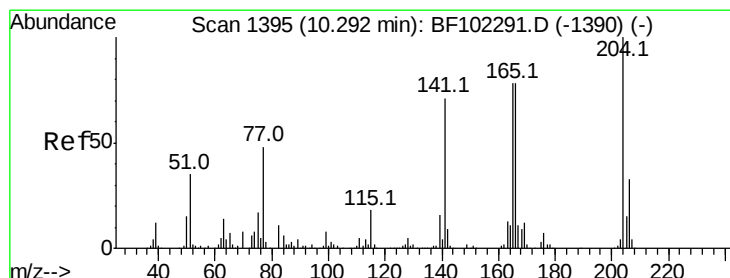
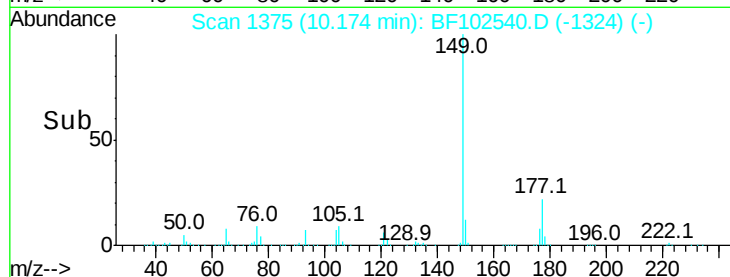
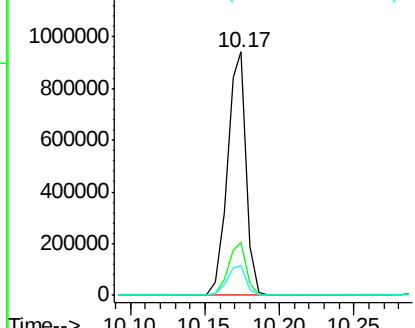
#59
Diethylphthalate
Concen: 38.517 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 833776
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.2 10.1 15.1

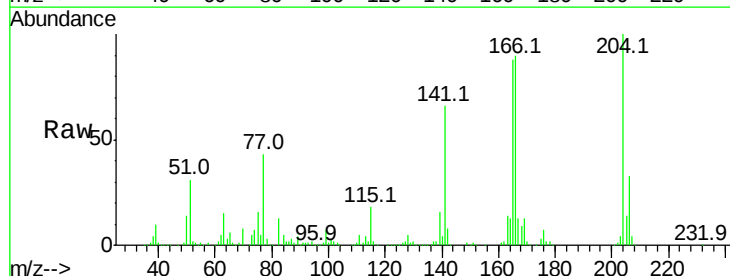


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

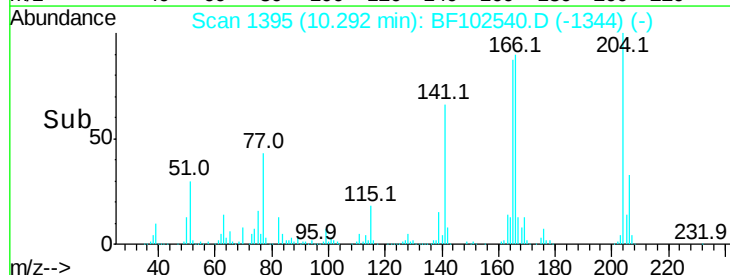
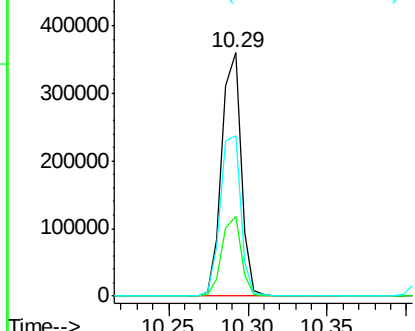


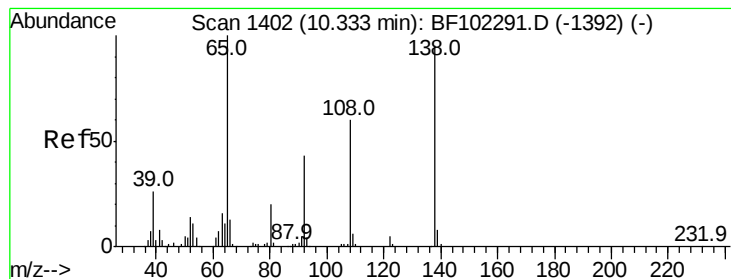
#60
4-Chlorophenyl-phenylether
Concen: 38.816 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Tgt Ion:204 Resp: 307588
Ion Ratio Lower Upper
204 100
206 32.6 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: 37.454 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

Instrument :

BNA_F

ClientSampled :

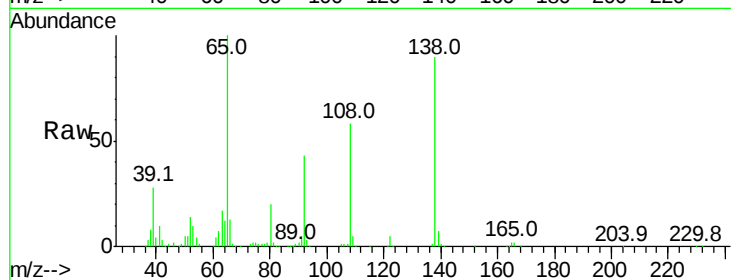
Tot Ion:138 Resp: 212341

Ion Ratio Lower Upper

138 100

92 47.9 30.2 70.2

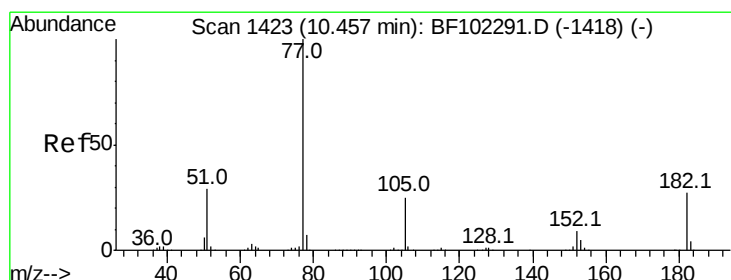
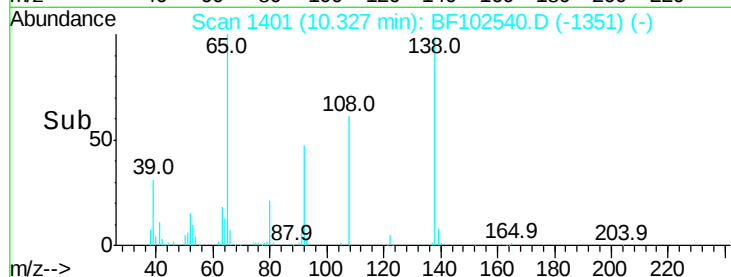
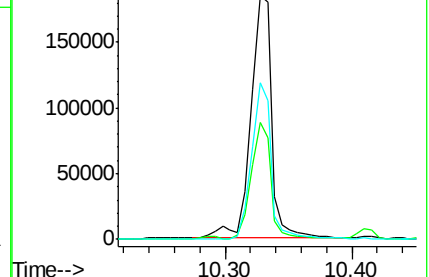
108 64.5 52.5 92.5



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: 37.552 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

Tgt Ion: 77 Resp: 744232

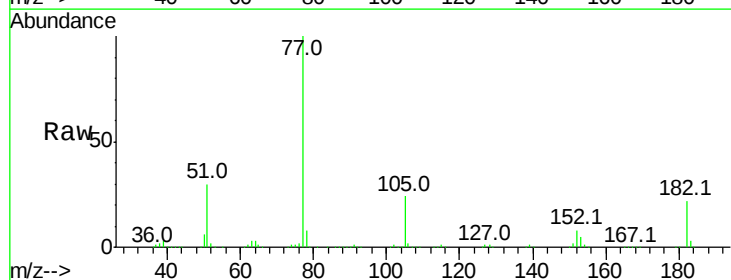
Ion Ratio Lower Upper

77 100

182 21.8 1.7 41.7

105 23.8 3.0 43.0

51 30.2 9.9 49.9

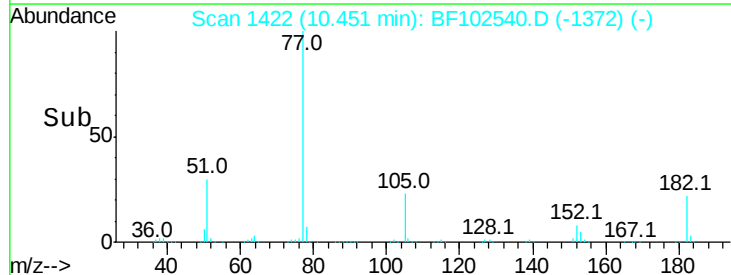
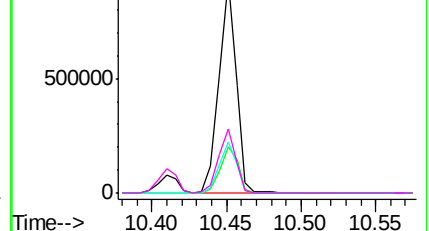


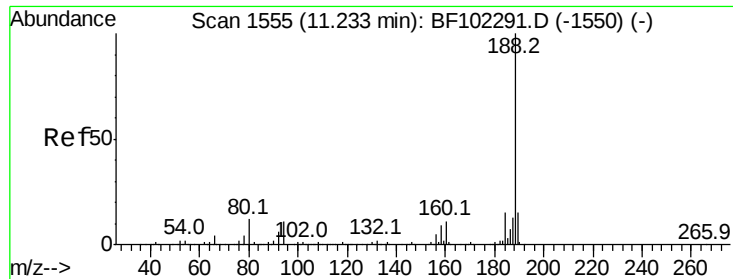
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

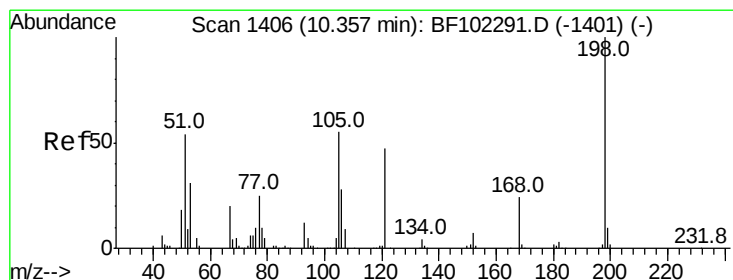
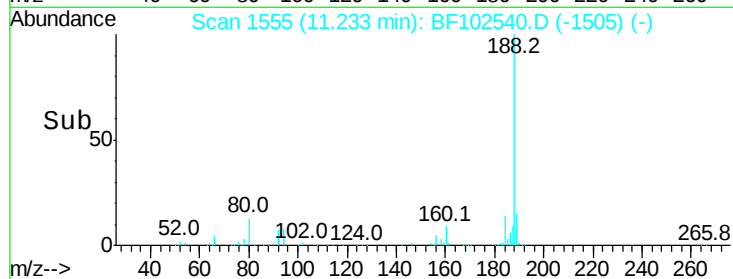
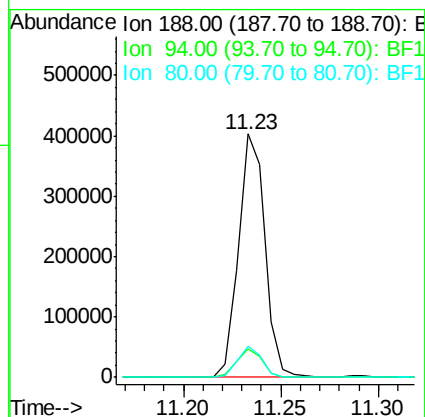
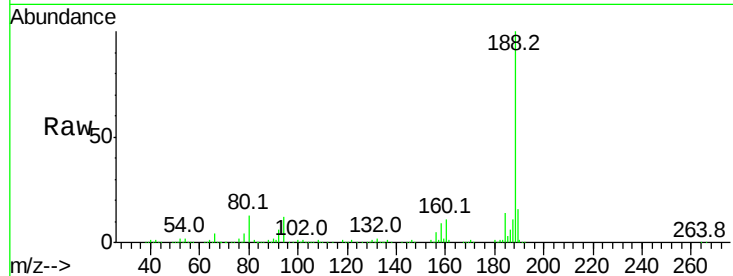




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

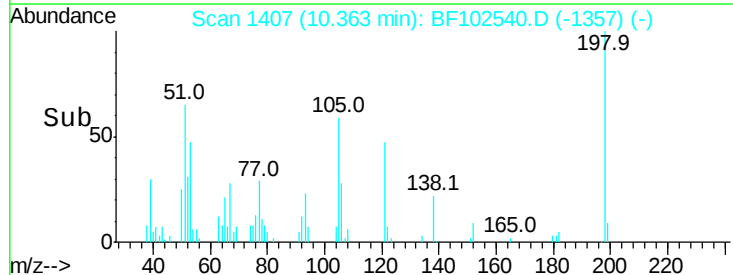
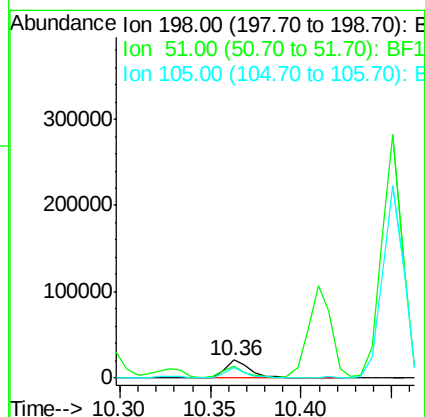
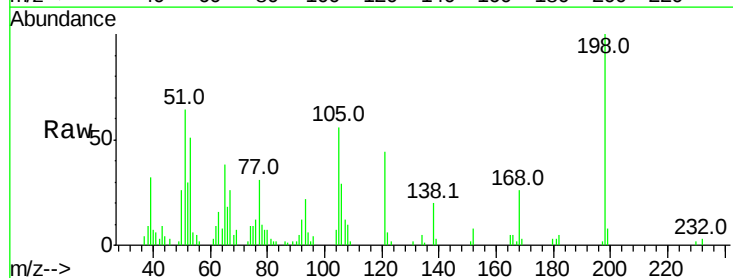
Instrument :
BNA_F
ClientSampleId :

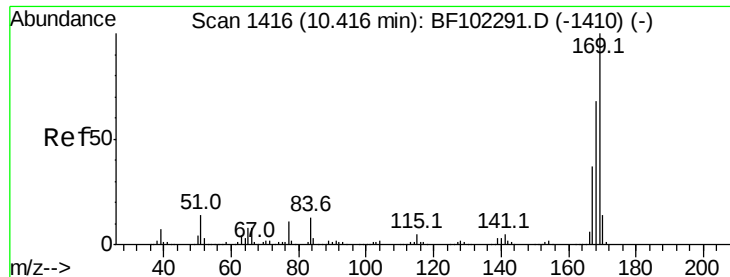
Tot Ion:188 Resp: 377502
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 12.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.058 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Tgt Ion:198 Resp: 20294
Ion Ratio Lower Upper
198 100
51 64.1 37.7 77.7
105 55.8 36.3 76.3

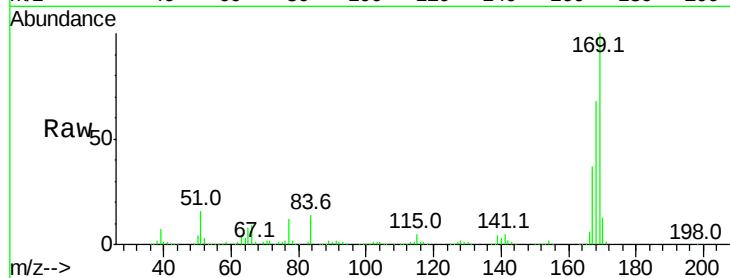




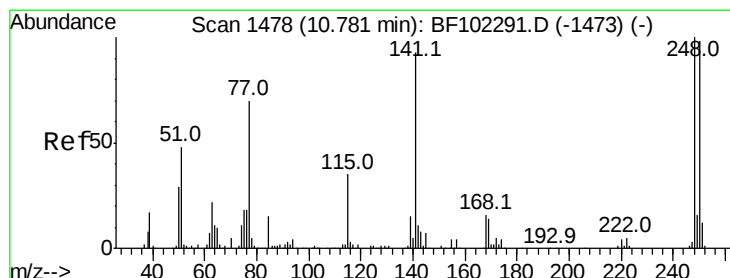
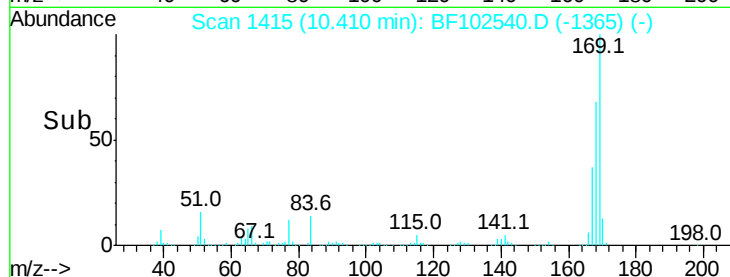
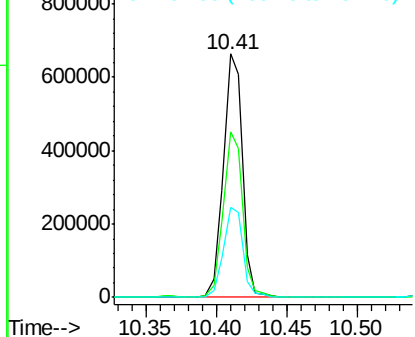
#65
n-Nitrosodiphenylamine
Concen: 44.986 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 623313
Ion Ratio Lower Upper
169 100
168 67.9 54.4 81.6
167 36.8 29.8 44.6

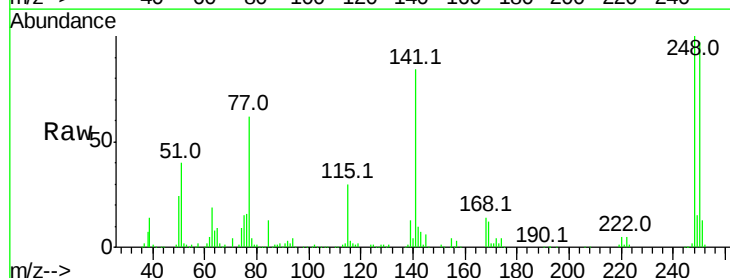


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

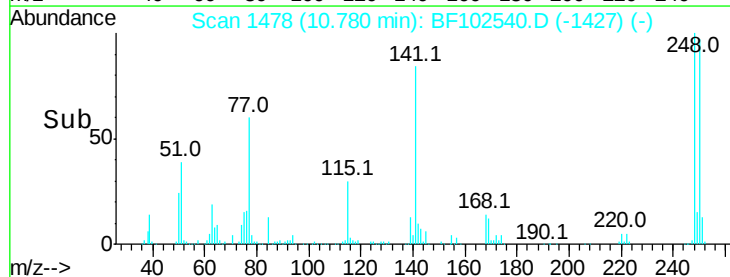
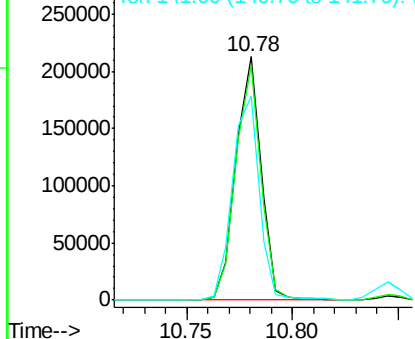


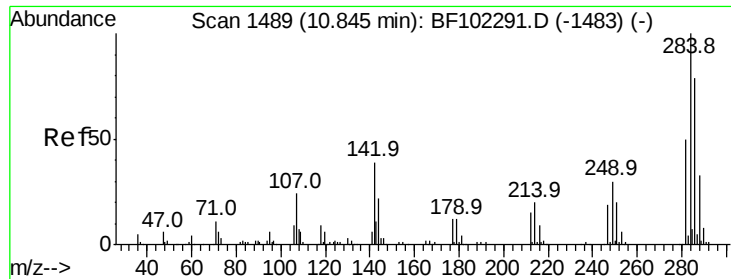
#66
4-Bromophenyl-phenylether
Concen: 43.108 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Tgt Ion:248 Resp: 175184
Ion Ratio Lower Upper
248 100
250 96.5 76.9 115.3
141 83.8 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

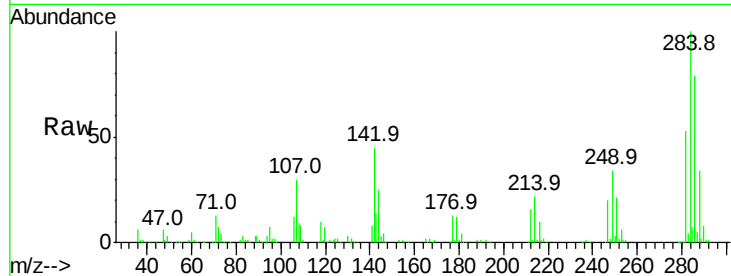




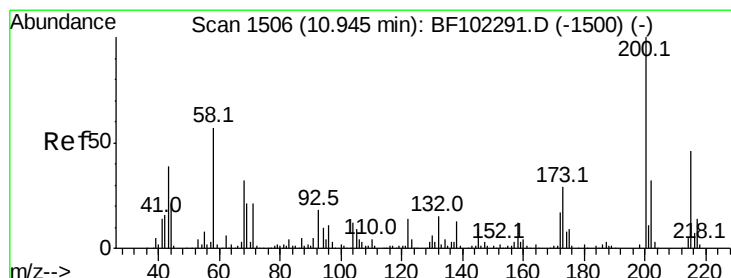
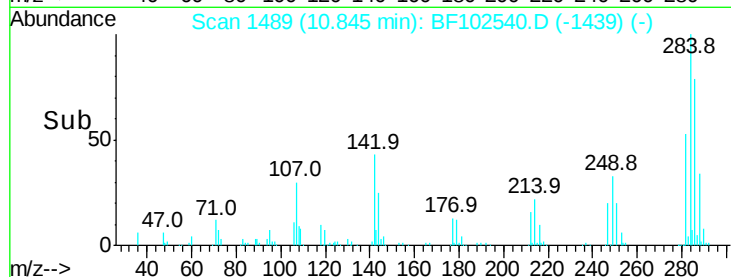
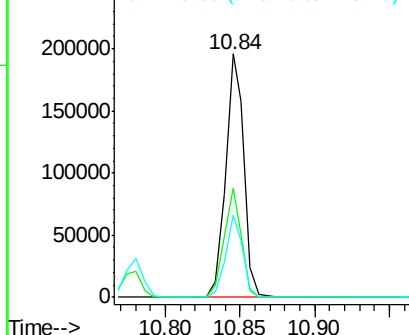
#67
Hexachlorobenzene
Concen: 37.202 ng
RT: 10.84 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 169078
Ion Ratio Lower Upper
284 100
142 44.9 34.6 52.0
249 33.6 24.8 37.2

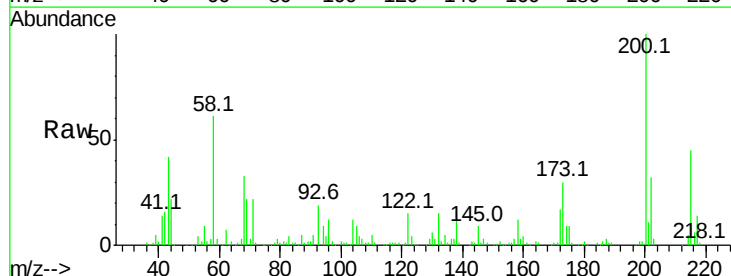


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

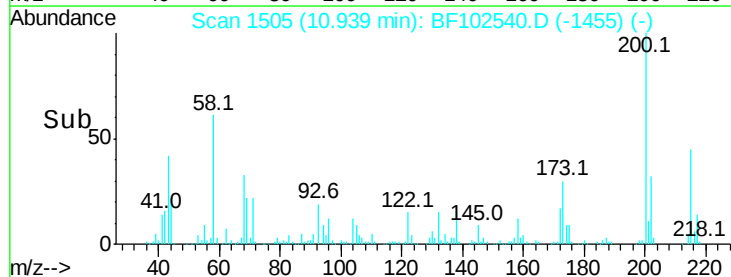
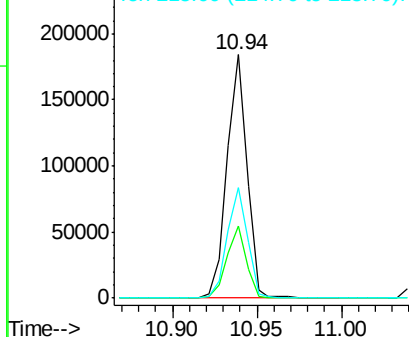


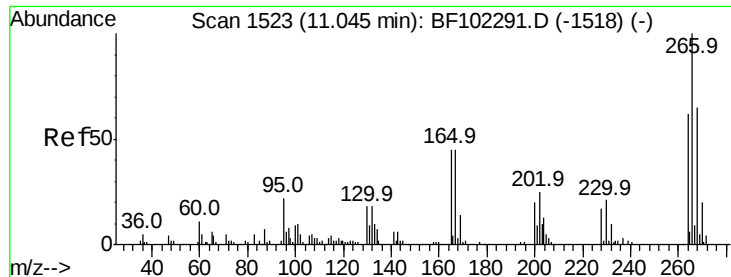
#68
Atrazine
Concen: 37.074 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Tgt Ion:200 Resp: 151715
Ion Ratio Lower Upper
200 100
173 29.9 8.6 48.6
215 45.2 25.1 65.1



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

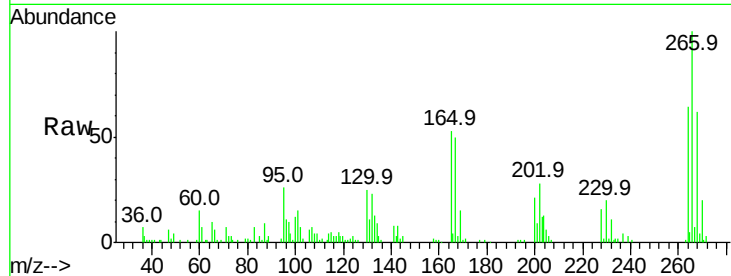




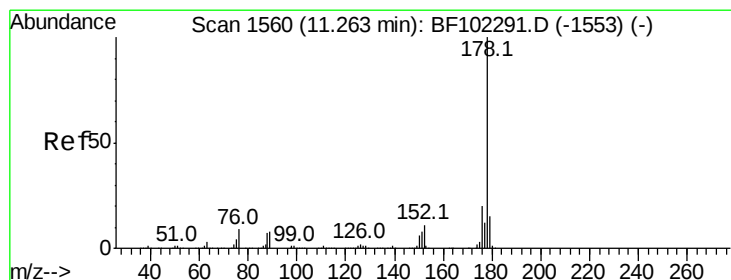
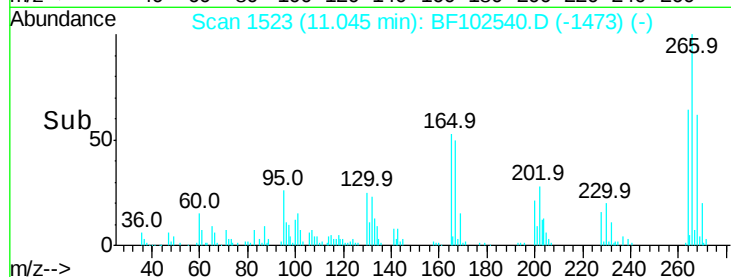
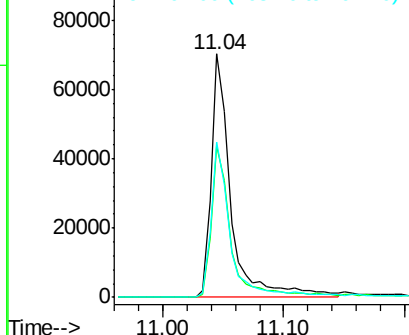
#69
 Pentachlorophenol
 Concen: 32.880 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 78501
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.1 76.7
 264 63.8 49.5 74.3

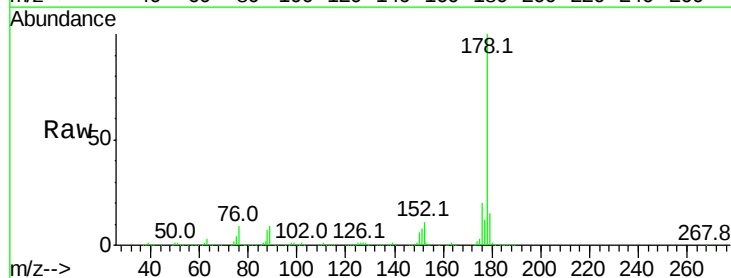


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

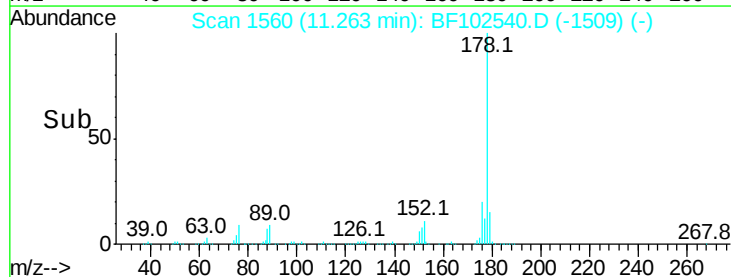
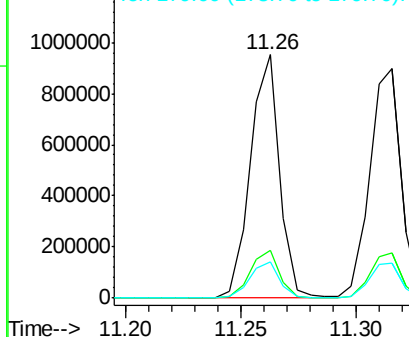


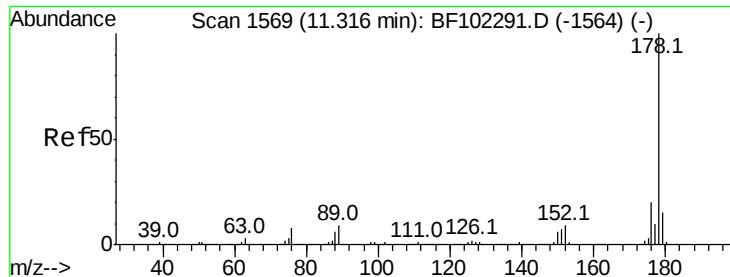
#70
 Phenanthrene
 Concen: 38.192 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Tgt Ion:178 Resp: 840152
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 14.9 13.0 19.6



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

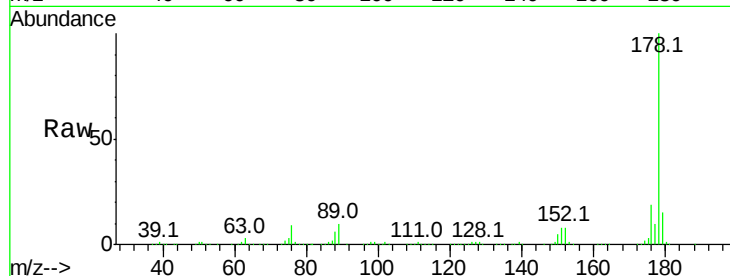




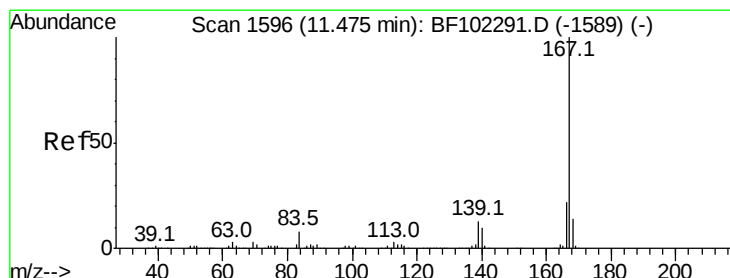
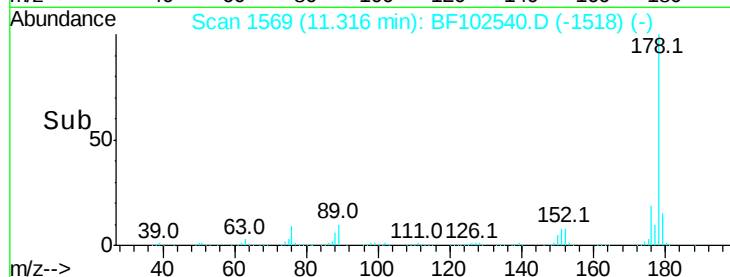
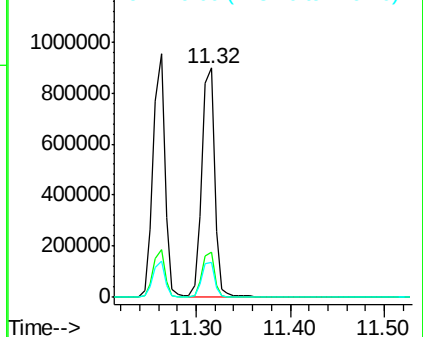
#71
 Anthracene
 Concen: 38.403 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 862255
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.1 12.6 19.0

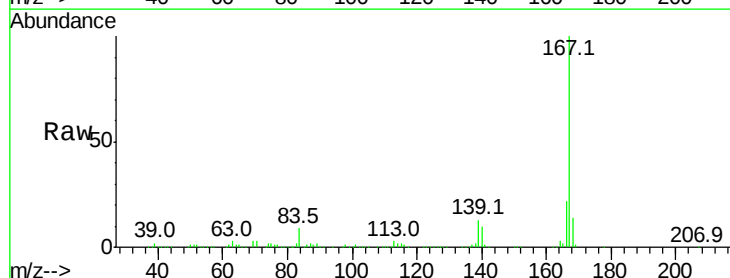


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

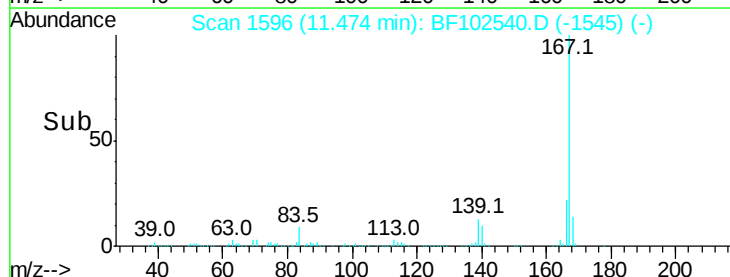
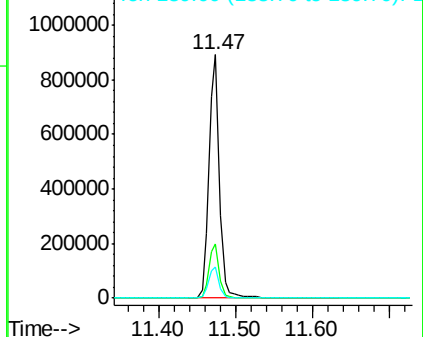


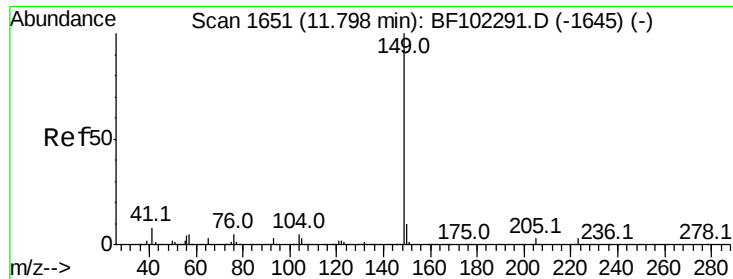
#72
 Carbazole
 Concen: 37.863 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Tgt Ion:167 Resp: 829384
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.821 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

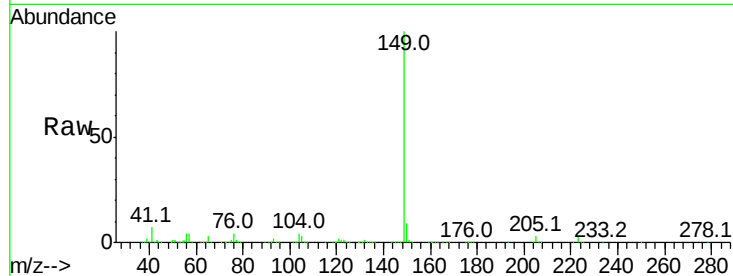
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1172450

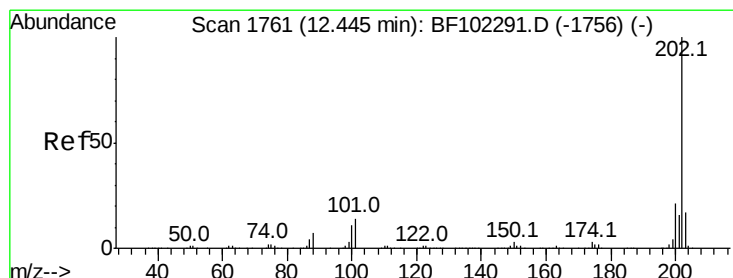
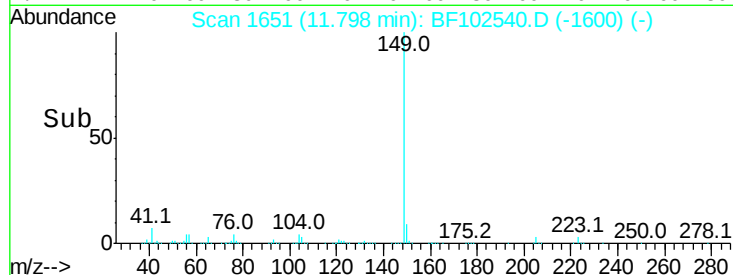
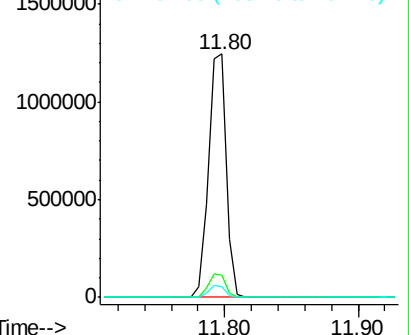
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.6
104	4.4	3.8	5.8



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: 35.648 ng

RT: 12.45 min Scan# 1762

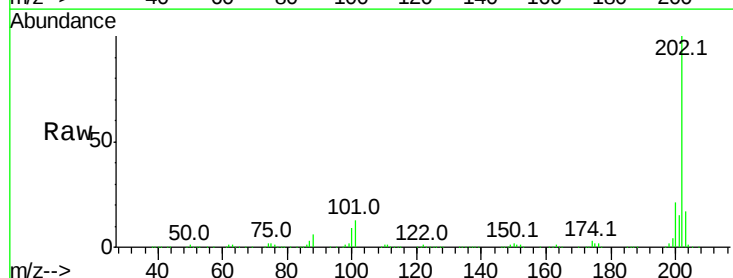
Delta R.T. -0.00 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

Tgt Ion:202 Resp: 799671

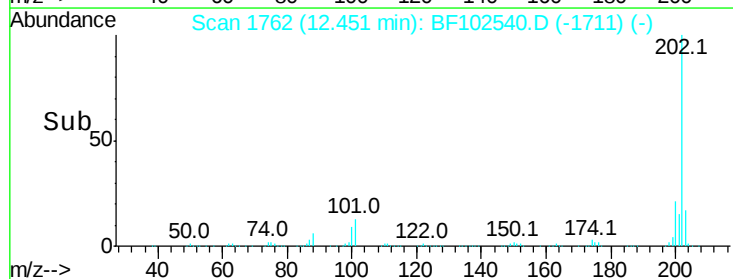
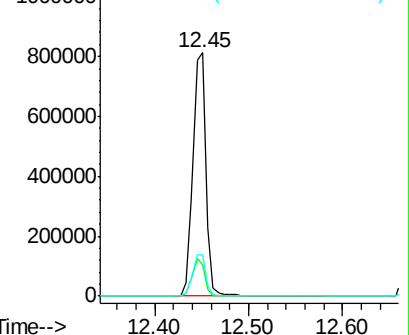
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	17.0	0.0	38.1

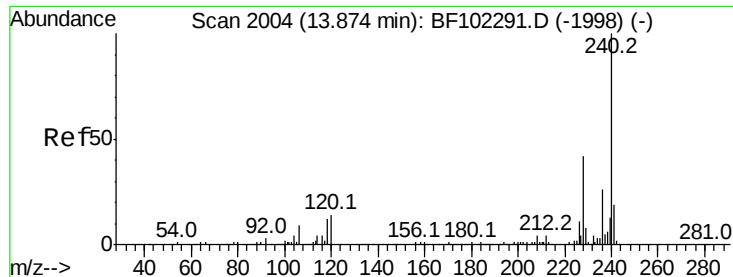


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

Instrument :

BNA_F

ClientSampleId :

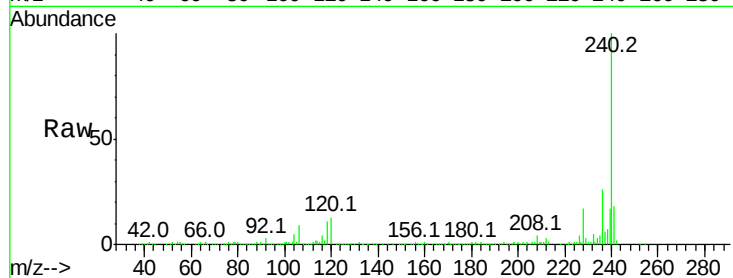
Tot Ion:240 Resp: 286693

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

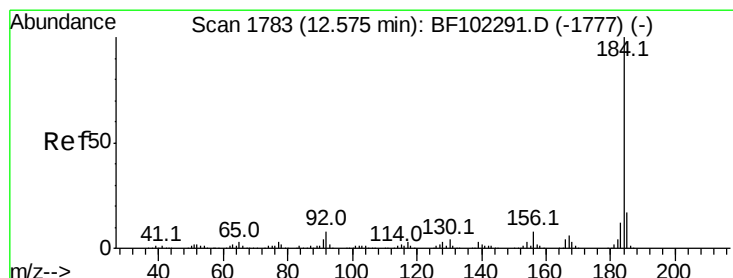
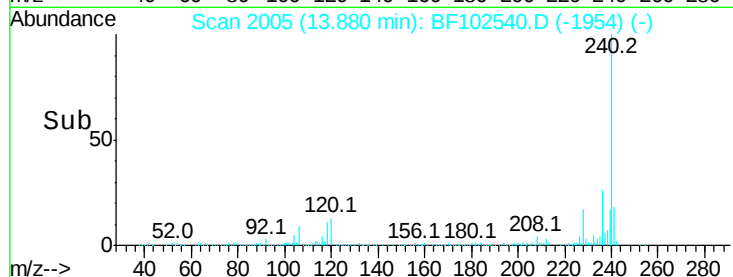
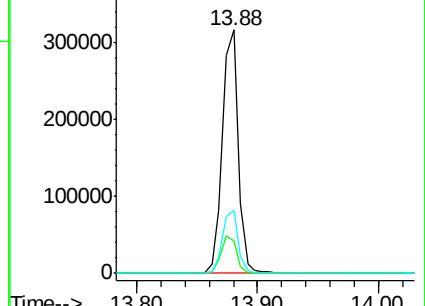
236 25.9 20.7 31.1



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: 43.517 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

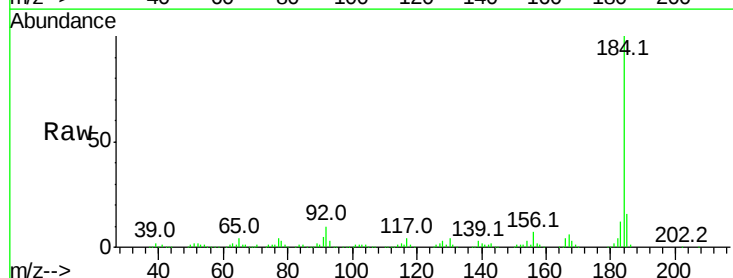
Tgt Ion:184 Resp: 419116

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

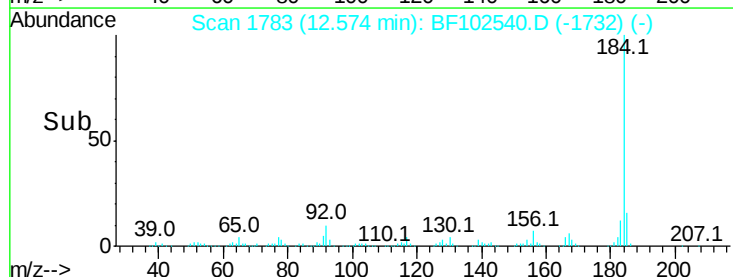
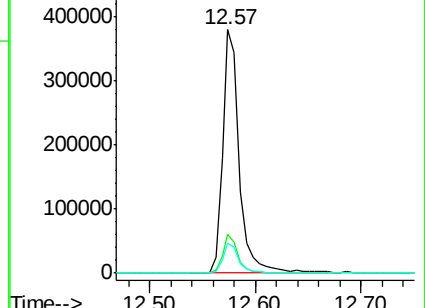
183 12.4 9.3 13.9

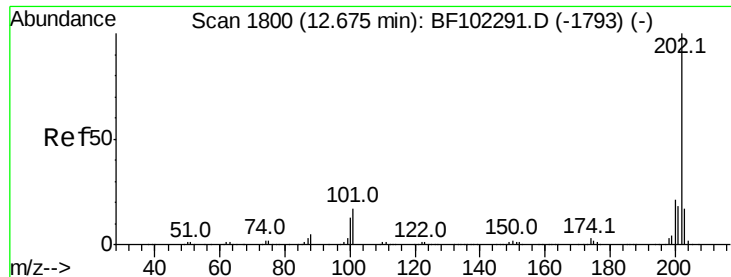


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

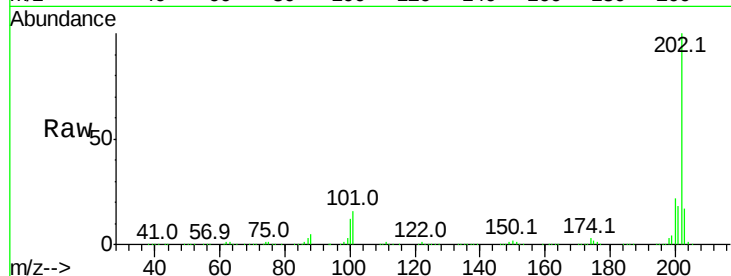




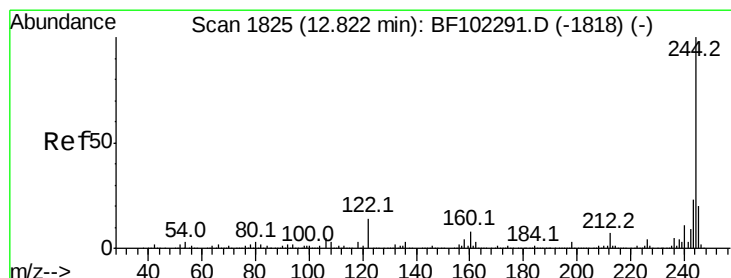
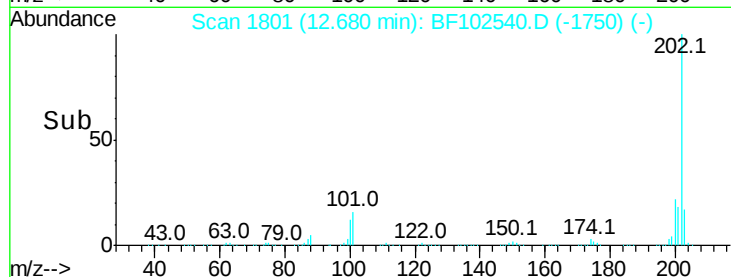
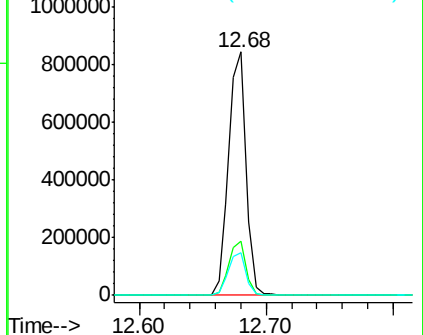
#77
Pvrene
Concen: 36.336 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 805435
Ion Ratio Lower Upper
202 100
200 22.2 17.4 26.2
203 17.3 14.3 21.5

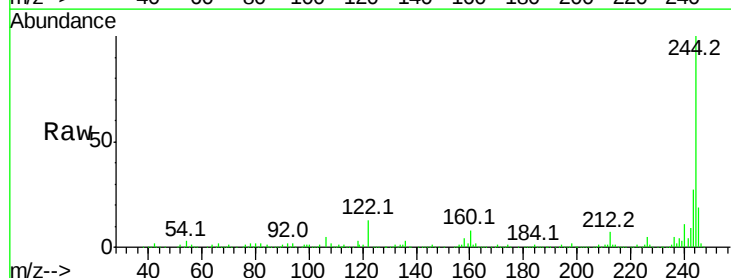


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

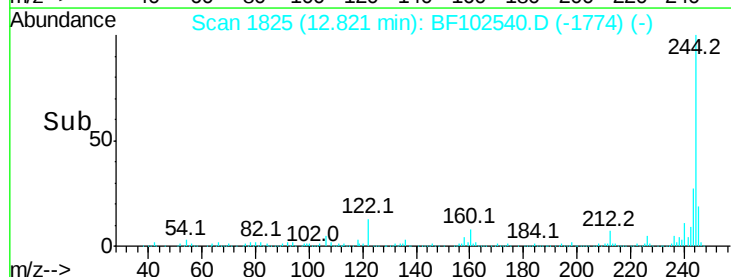
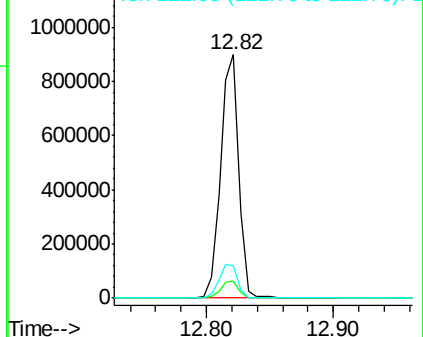


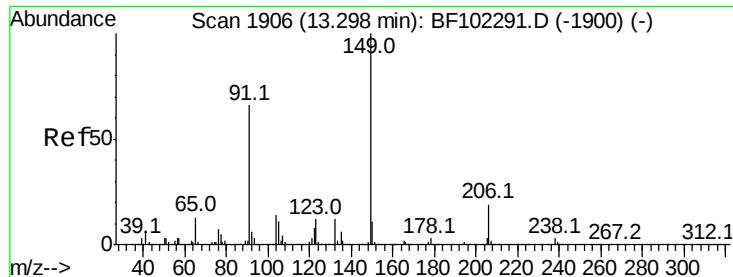
#78
Terphenyl-d14
Concen: 70.637 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Tgt Ion:244 Resp: 898307
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 13.1 11.0 16.4



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

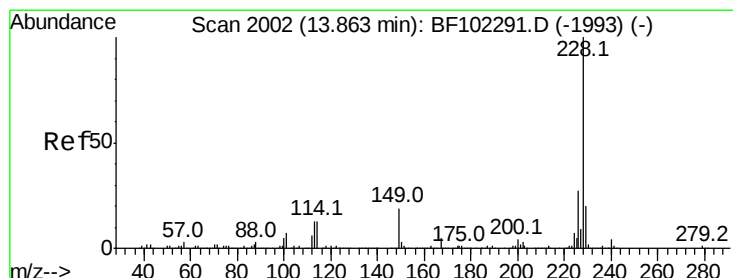
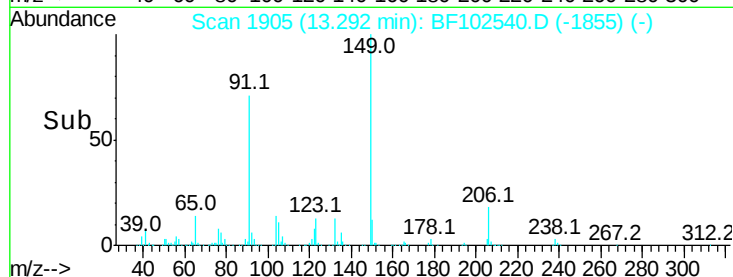
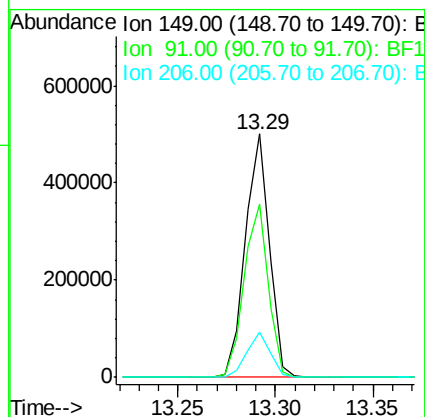
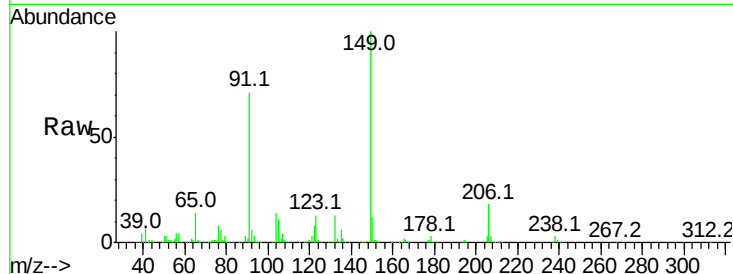




#79
Butylbenzylphthalate
Concen: 38.833 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

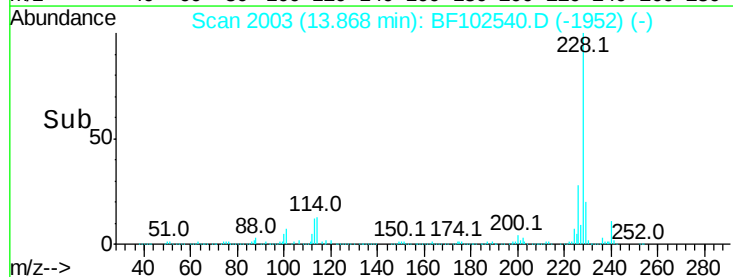
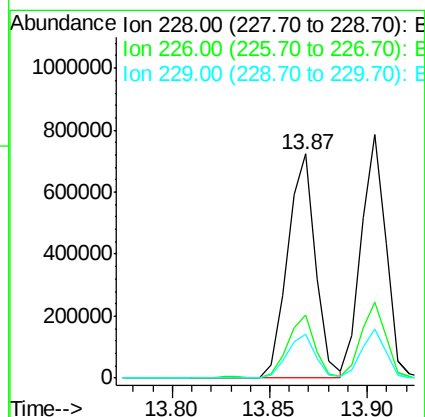
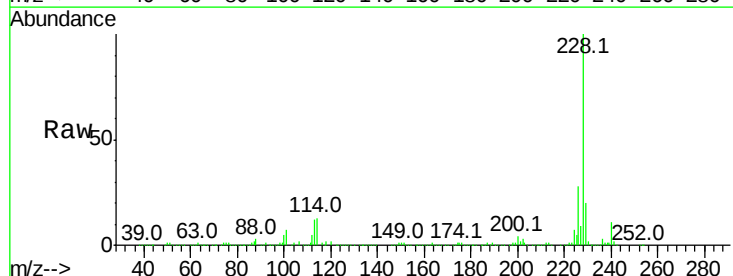
Instrument :
BNA_F
ClientSampleId :

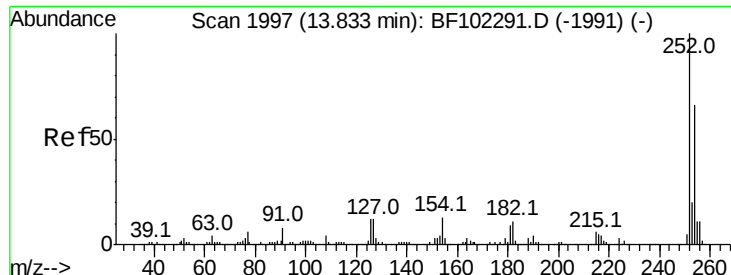
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.0	56.8	85.2
206	18.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 40.463 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF102540.D
Acq: 28 Jan 2018 5:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.6	15.8	23.6

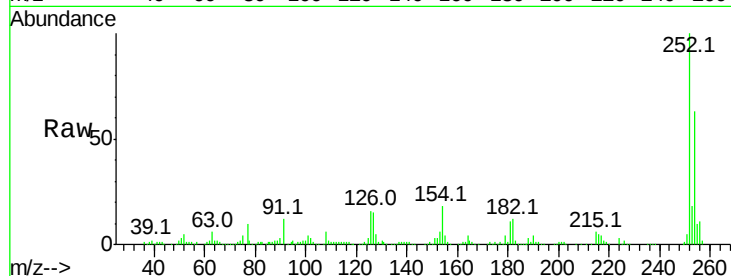




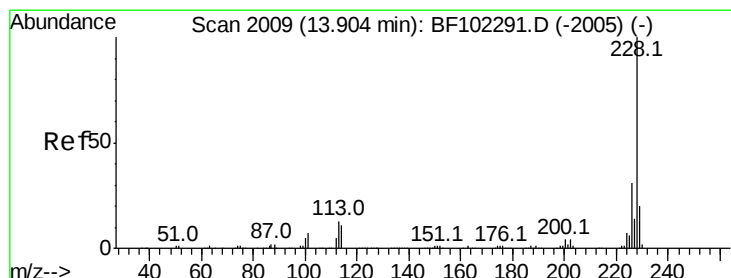
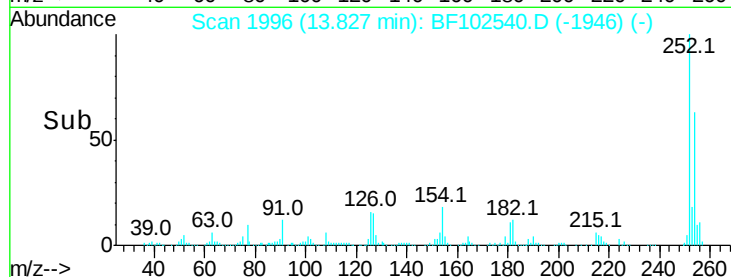
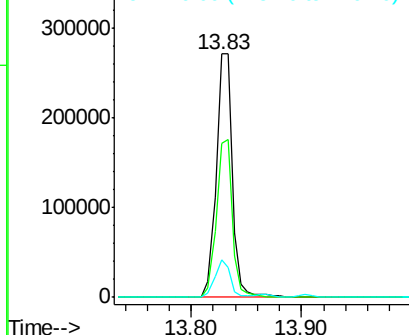
#81
 3,3'-Dichlorobenzidine
 Concen: 42.669 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 276276
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.4 75.6
 126 15.7 11.3 16.9

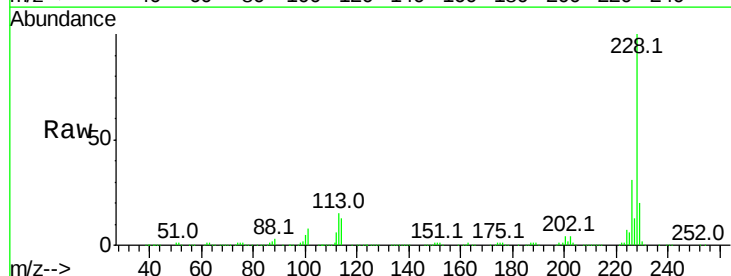


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

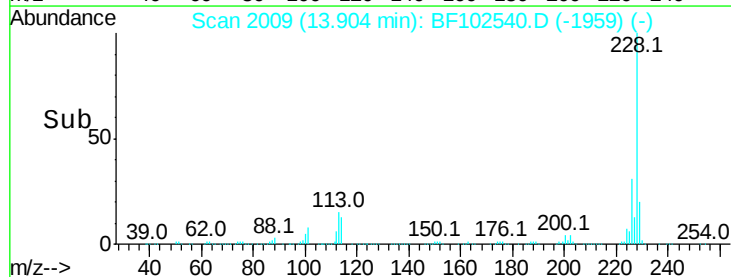
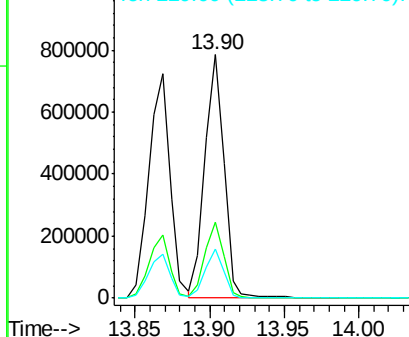


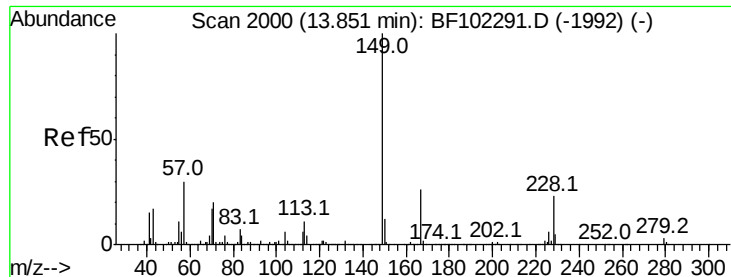
#82
 Chrysene
 Concen: 38.722 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Tgt Ion:228 Resp: 694066
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 19.9 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.133 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

Instrument :

BNA_F

ClientSampleId :

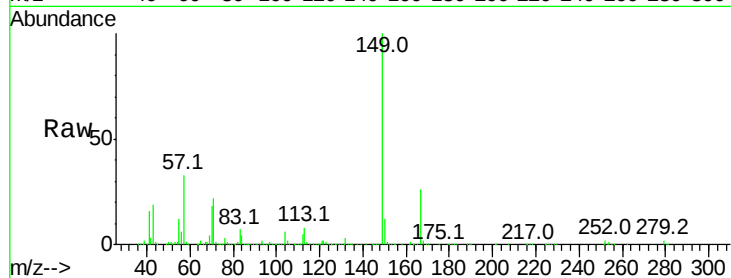
Tot Ion:149 Resp: 594953

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

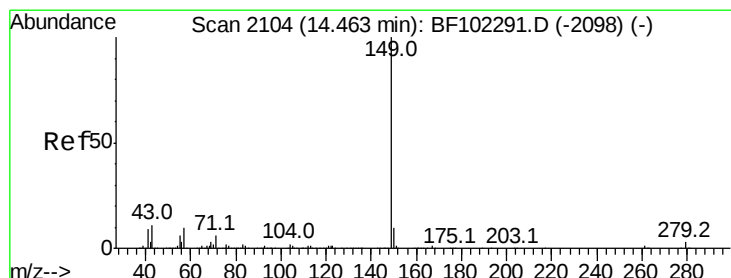
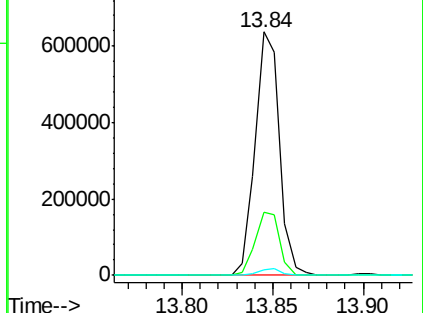
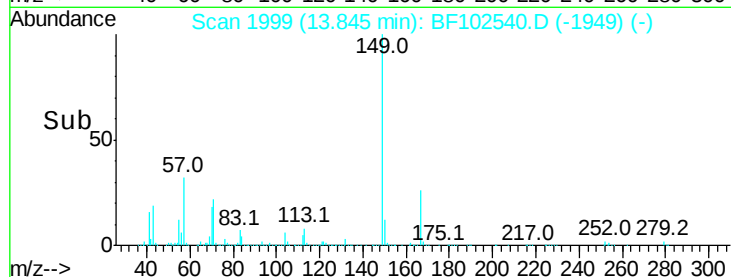
279 2.4 3.0 4.4#



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: 39.383 ng

RT: 14.46 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

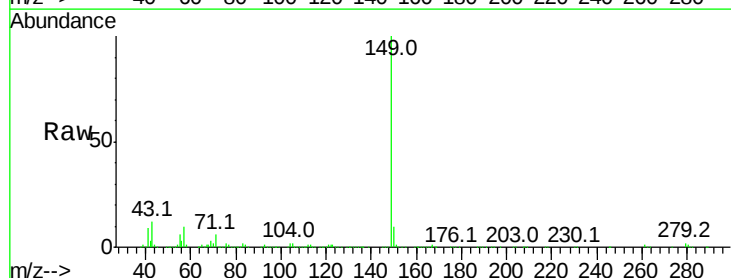
Tgt Ion:149 Resp: 949452

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

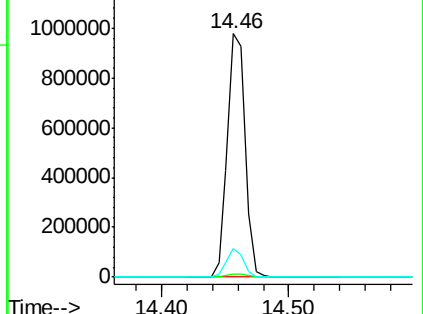
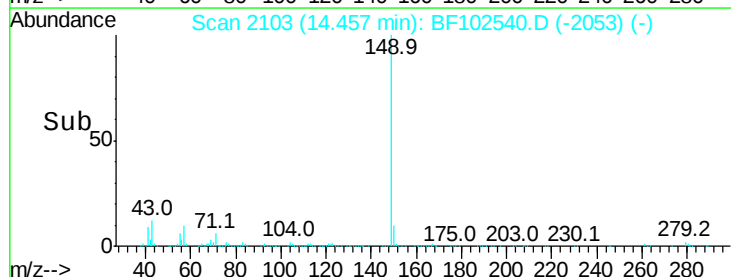
43 10.9 8.4 12.6

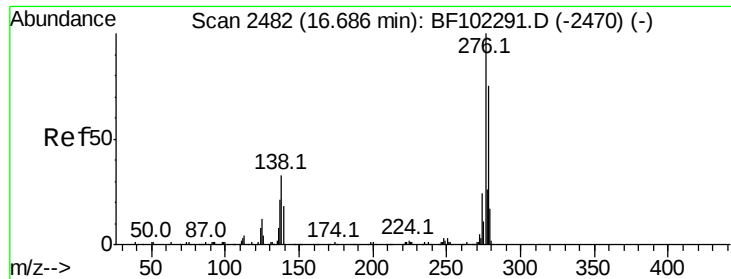


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

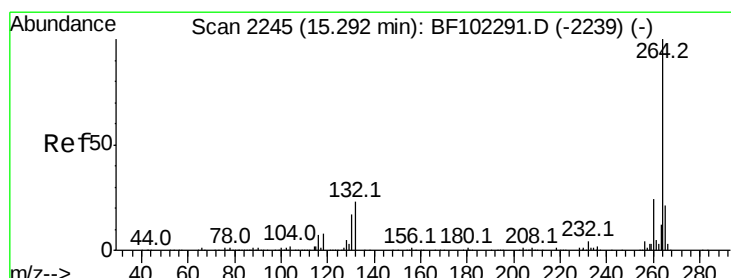
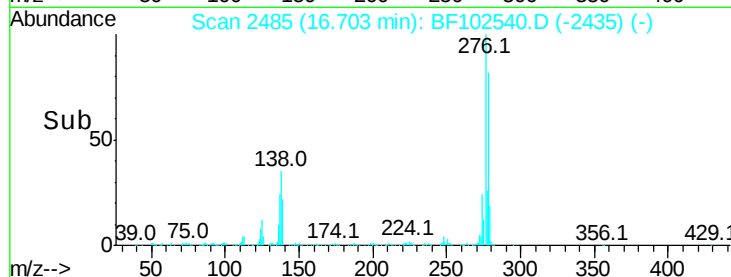
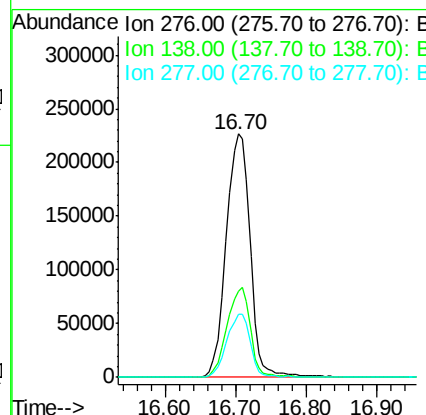
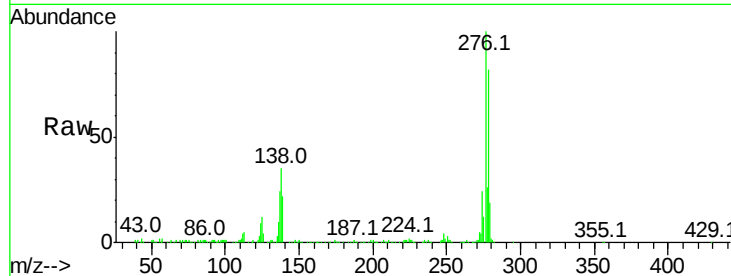




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.100 ng
 RT: 16.70 min Scan# 2485
 Delta R.T. -0.01 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

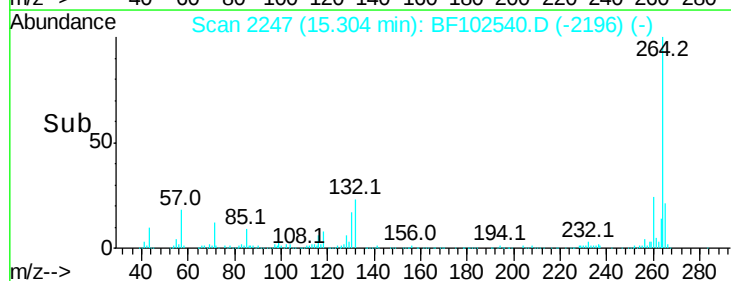
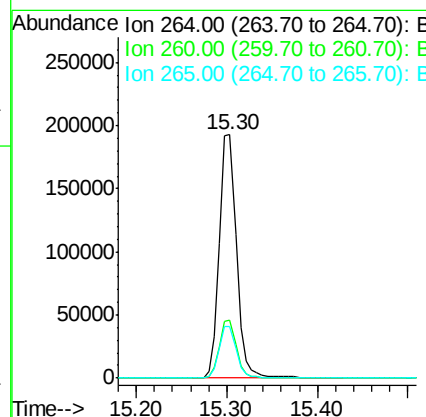
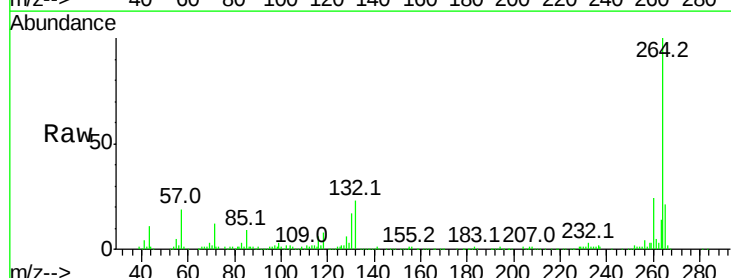
Instrument :
 BNA_F
 ClientSampleId :

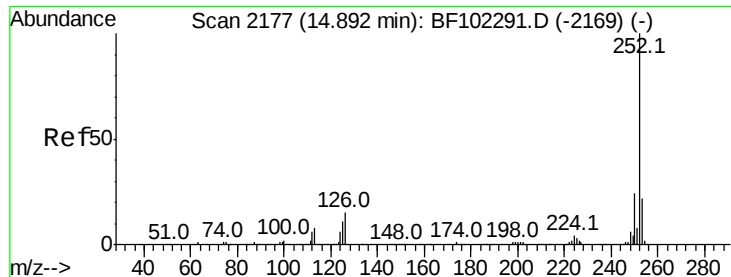
Tot Ion	Ratio	Lower	Upper
276	100		
138	36.2	25.0	37.6
277	25.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.00 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 38.879 ng

RT: 14.90 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

Instrument :

BNA_F

ClientSampleId :

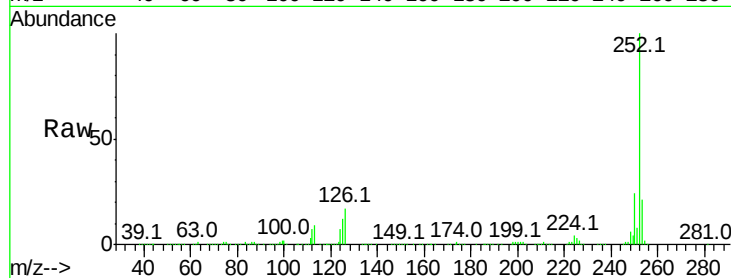
Tot Ion:252 Resp: 641281

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

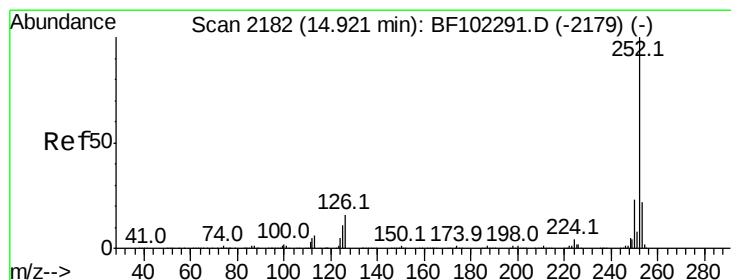
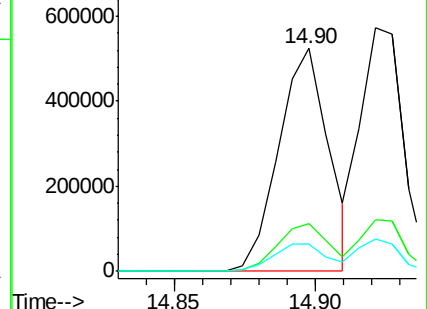
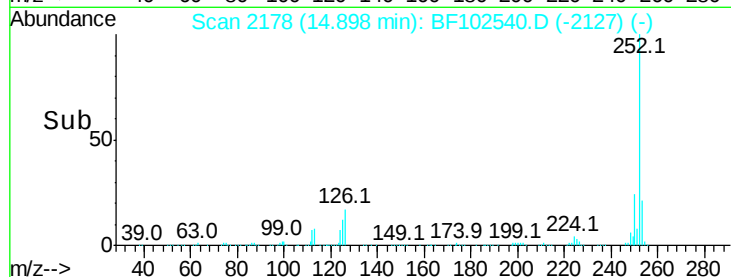
125 12.5 9.0 13.6



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: 39.411 ng

RT: 14.92 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

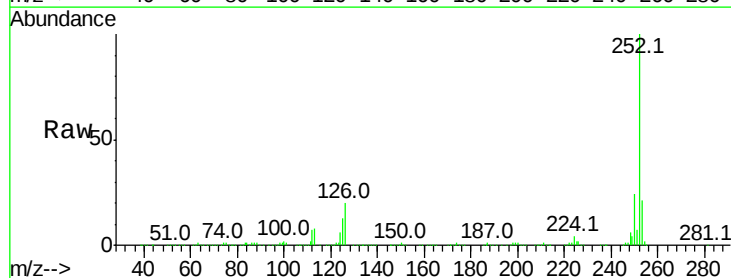
Tgt Ion:252 Resp: 614163

Ion Ratio Lower Upper

252 100

253 21.4 17.9 26.9

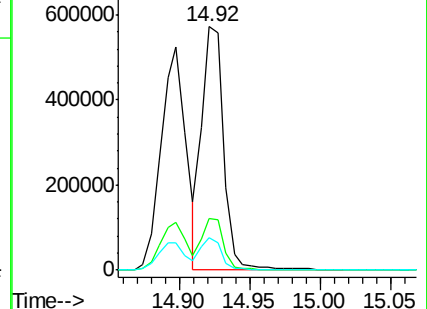
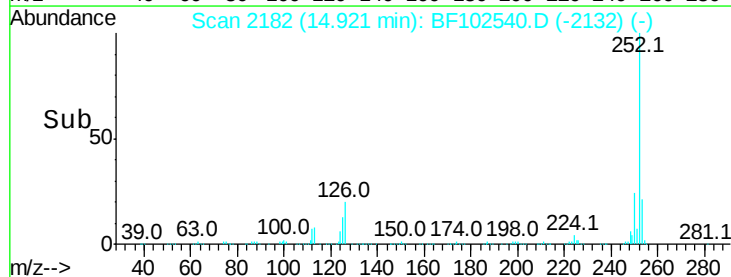
125 13.5 10.2 15.2

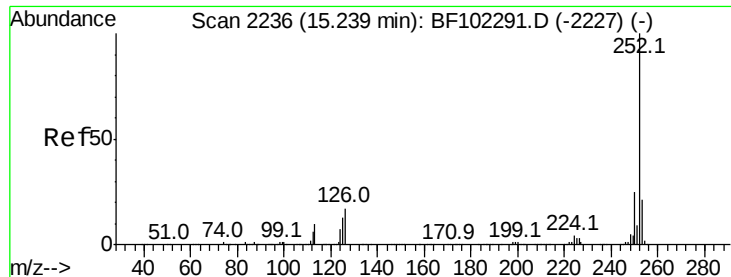


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.211 ng

RT: 15.24 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

Instrument :

BNA_F

ClientSampleId :

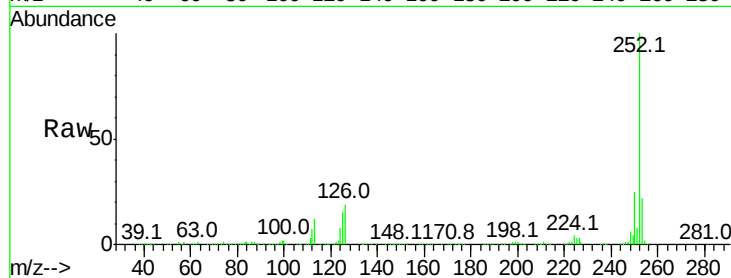
Tot Ion:252 Resp: 568432

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

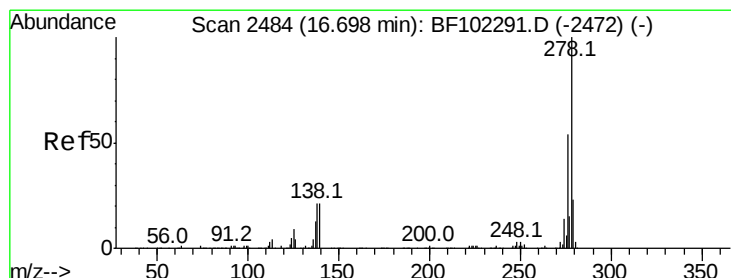
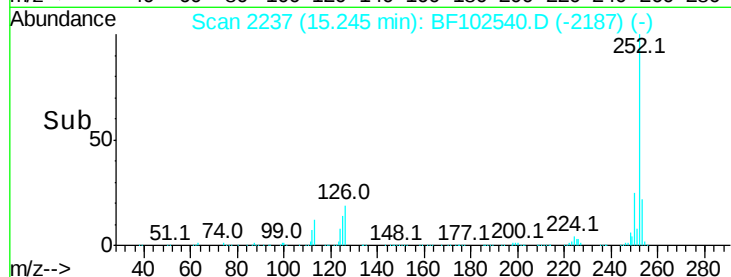
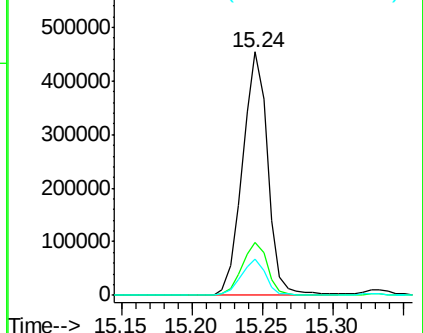
125 14.7 9.8 14.6#



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: 37.296 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BF102540.D

Acq: 28 Jan 2018 5:41

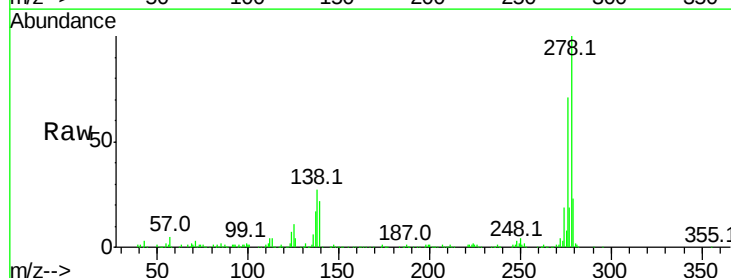
Tgt Ion:278 Resp: 449431

Ion Ratio Lower Upper

278 100

139 22.1 15.9 23.9

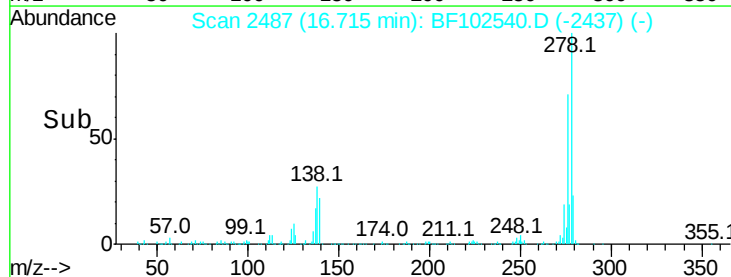
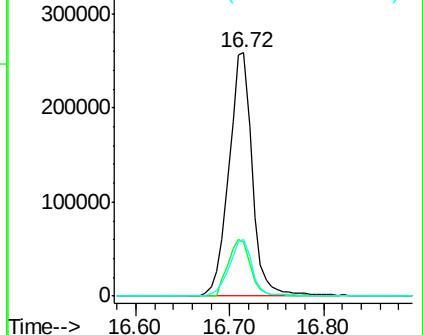
279 23.1 19.0 28.4

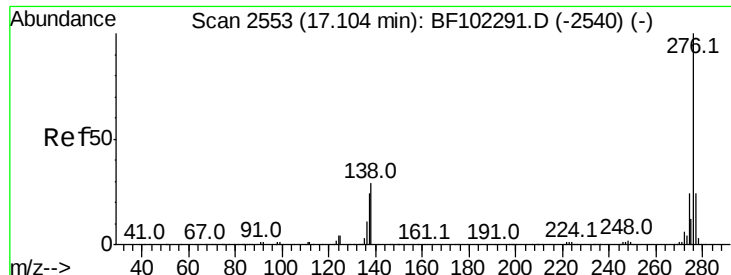


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

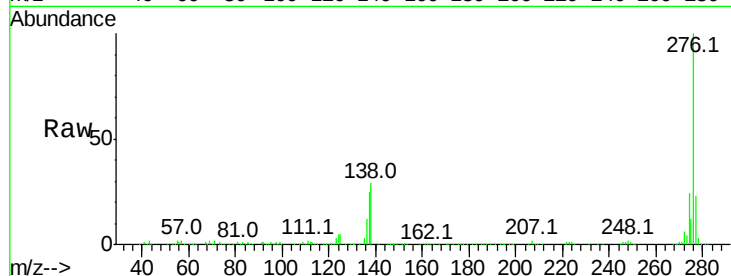




#91
 Benzo(a,h,i)perylene
 Concen: 37.098 ng
 RT: 17.13 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BF102540.D
 Acq: 28 Jan 2018 5:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	29.1	21.8	32.8



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

