

Data Path : U:\HPCHEM1\BNA F\DATA\BF012718\
 Data File : BF102542.D
 Acq On : 28 Jan 2018 6:35
 Operator : SJ/JU
 Sample : PB106115BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 28 23:54:45 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	186930	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	762975	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	312361	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	448266	20.00	ng	0.00
75) Chrysene-d12	13.88	240	308791	20.00	ng	0.00
86) Perylene-d12	15.30	264	254577	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1348995	109.42	ng	0.02
7) Phenol-d6	6.37	99	1600941	107.71	ng	0.00
23) Nitrobenzene-d5	7.29	82	1023384	77.08	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	258007	83.36	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1582014	74.47	ng	0.00
78) Terphenyl-d14	12.82	244	1097749	80.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	212295	36.243	ng	96
3) Pyridine	3.16	79	557946	36.449	ng	97
4) n-Nitrosodimethylamine	3.12	42	262582	43.755	ng	97
6) Aniline	6.38	93	356487	18.134	ng	# 1
8) 2-Chlorophenol	6.50	128	509909	39.456	ng	98
9) Benzaldehyde	6.26	77	251799	27.590	ng	97
10) Phenol	6.38	94	598207	36.867	ng	86
11) bis(2-Chloroethyl)ether	6.46	93	490060	39.709	ng	97
12) 1,3-Dichlorobenzene	6.65	146	544562	35.431	ng	98
13) 1,4-Dichlorobenzene	6.73	146	550930	35.784	ng	98
14) 1,2-Dichlorobenzene	6.89	146	491275	34.885	ng	97
15) Benzyl Alcohol	6.86	79	372080	35.481	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	783874	37.871	ng	79
17) 2-Methylphenol	6.98	107	417140	37.166	ng	# 94
18) Hexachloroethane	7.22	117	162533	30.295	ng	96
19) n-Nitroso-di-n-propylamine	7.14	70	339785	37.357	ng	98
20) 3+4-Methylphenols	7.14	107	515537	39.055	ng	93
22) Acetophenone	7.13	105	691445	38.016	ng	96
24) Nitrobenzene	7.30	77	528672	38.910	ng	100
25) Isophorone	7.54	82	972848	41.102	ng	98
26) 2-Nitrophenol	7.62	139	252872	35.362	ng	92
27) 2,4-Dimethylphenol	7.66	122	451480	43.480	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	620434	42.434	ng	99
29) 2,4-Dichlorophenol	7.86	162	414351	39.174	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	396489	34.969	ng	98
31) Naphthalene	8.02	128	1393642	36.584	ng	100
32) Benzoic acid	7.80	122	227455	26.145	ng	99
33) 4-Chloroaniline	8.07	127	169153	10.559	ng	98
34) Hexachlorobutadiene	8.13	225	206109	34.036	ng	98
35) Caprolactam	8.46	113	136240	39.001	ng	96
36) 4-Chloro-3-methylphenol	8.57	107	435780	39.087	ng	96
37) 2-Methylnaphthalene	8.71	142	907080	35.755	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	348508	37.084	ng	99
40) Hexachlorocyclopentadiene	8.86	237	29278	6.962	ng	94

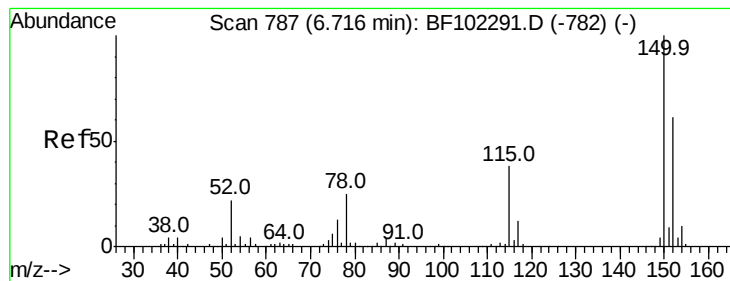
Data Path : U:\HPCHEM1\BNA F\DATA\BF012718\
 Data File : BF102542.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	241040	38.315	ng	100
43) 2,4,5-Trichlorophenol	9.05	196	258210	36.453	ng	97
45) 1,1'-Biphenyl	9.17	154	1032172	36.955	ng	100
46) 2-Chloronaphthalene	9.20	162	789450	36.364	ng	99
47) 2-Nitroaniline	9.30	65	283943	41.952	ng	95
48) Acenaphthylene	9.62	152	1176269	34.778	ng	99
49) Dimethylphthalate	9.47	163	970482	37.589	ng	100
50) 2,6-Dinitrotoluene	9.55	165	199810	35.895	ng	95
51) Acenaphthene	9.79	154	691574	35.011	ng	99
52) 3-Nitroaniline	9.72	138	153805	23.357	ng	97
53) 2,4-Dinitrophenol	9.83	184	24381	13.007	ng #	20
54) Dibenzofuran	9.96	168	992659	37.132	ng	96
55) 4-Nitrophenol	9.90	139	272323	62.649	ng	96
56) 2,4-Dinitrotoluene	9.96	165	218700	31.949	ng #	86
57) Fluorene	10.30	166	769029	36.303	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	178429	35.280	ng	98
59) Diethylphthalate	10.17	149	912944	36.388	ng	99
60) 4-Chlorophenyl-phenylether	10.29	204	344926	37.556	ng	97
61) 4-Nitroaniline	10.33	138	210387	32.018	ng	89
62) Azobenzene	10.45	77	857808	37.343	ng	99
64) 4,6-Dinitro-2-methylphenol	10.36	198	23646	7.907	ng	100
65) n-Nitrosodiphenylamine	10.42	169	710037	43.155	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	203794	42.232	ng	96
67) Hexachlorobenzene	10.85	284	193380	35.832	ng	95
68) Atrazine	10.95	200	212604	43.751	ng	98
69) Pentachlorophenol	11.05	266	150580	53.114	ng	99
70) Phenanthrene	11.26	178	974908	37.322	ng	99
71) Anthracene	11.32	178	1017097	38.148	ng	99
72) Carbazole	11.47	167	970166	37.298	ng	99
73) Di-n-butylphthalate	11.80	149	1330437	40.920	ng	99
74) Fluoranthene	12.45	202	897551	33.695	ng	97
76) Benzidine	12.58	184	690467	66.561	ng	98
77) Pyrene	12.68	202	883079	36.988	ng	100
79) Butylbenzylphthalate	13.29	149	479682	40.373	ng	99
80) Benzo(a)anthracene	13.87	228	759718	39.961	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	280159	40.172	ng	100
82) Chrysene	13.90	228	738511	38.253	ng	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	669850	41.952	ng	100
84) Di-n-octyl phthalate	14.46	149	1083738	41.736	ng	99
85) Indeno(1,2,3-cd)pyrene	16.70	276	514719	32.283	ng	95
87) Benzo(b)fluoranthene	14.90	252	663385	40.204	ng	98
88) Benzo(k)fluoranthene	14.92	252	625984	40.155	ng	97
89) Benzo(a)pyrene	15.24	252	592823	39.836	ng #	97
90) Dibenzo(a,h)anthracene	16.71	278	431022	35.755	ng	97
91) Benzo(g,h,i)perylene	17.12	276	428581	36.007	ng #	92

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

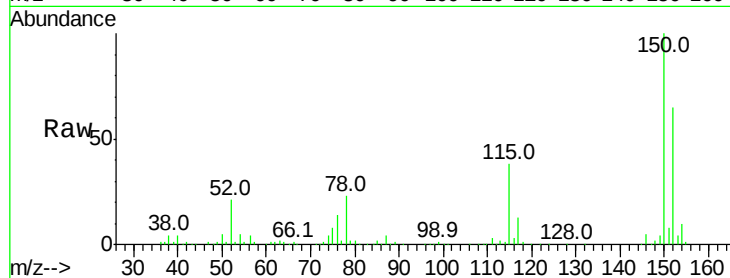


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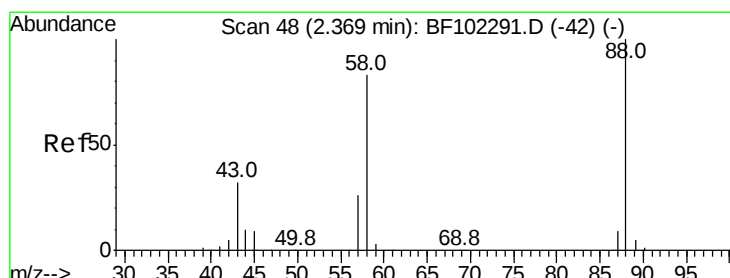
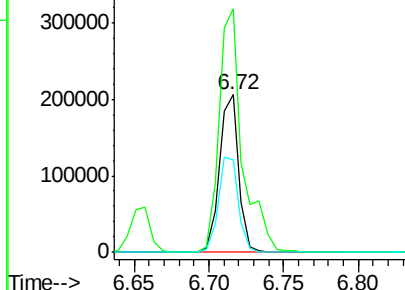
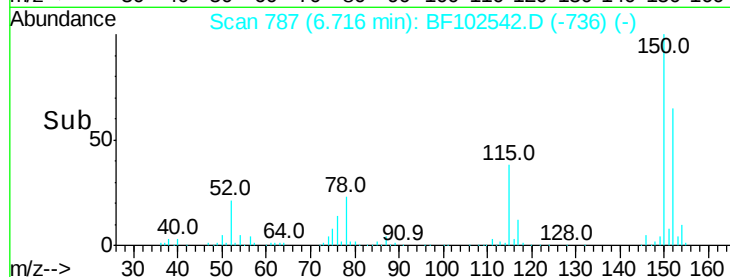
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102542.D
Acq: 28 Jan 2018 6:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 186930
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 58.9 50.1 75.1



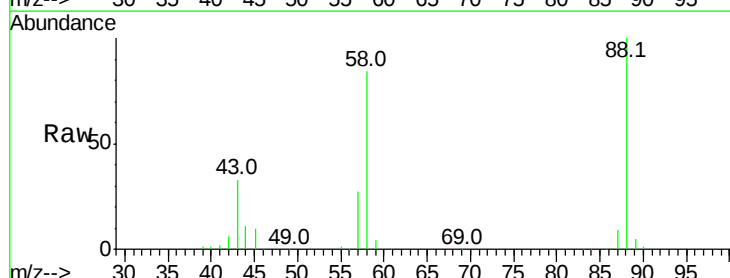
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



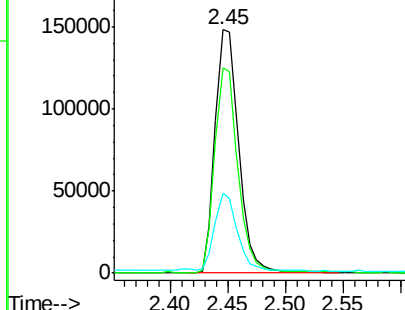
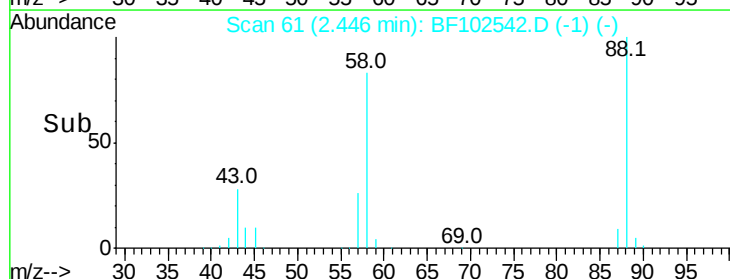
#2

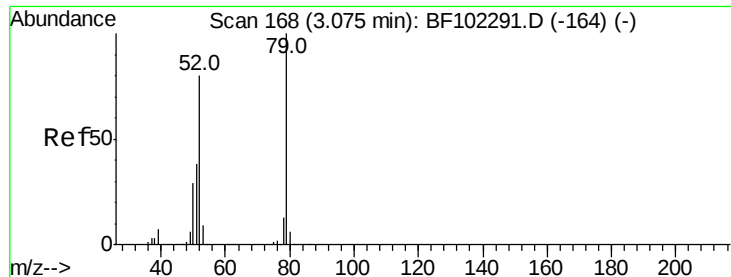
1,4-Dioxane
Concen: 36.243 ng
RT: 2.45 min Scan# 61
Delta R.T. 0.08 min
Lab File: BF102542.D
Acq: 28 Jan 2018 6:35

Tgt Ion: 88 Resp: 212295
Ion Ratio Lower Upper
88 100
58 81.5 62.6 93.8
43 29.1 24.6 37.0



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





#3

Pvridine

Concen: 36.449 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.09 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :

BNA_F

ClientSampleId :

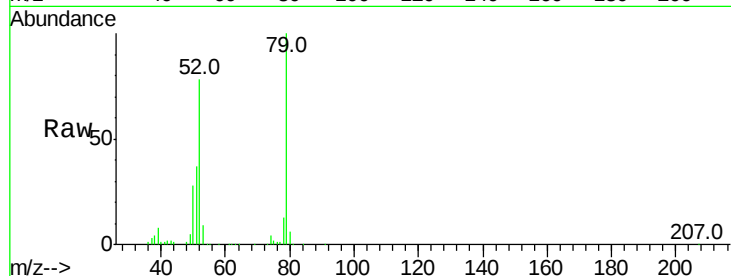
Tot Ion: 79 Resp: 557946

Ion Ratio Lower Upper

79 100

52 78.3 59.8 89.6

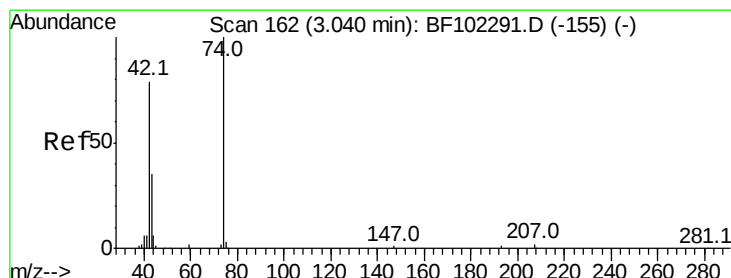
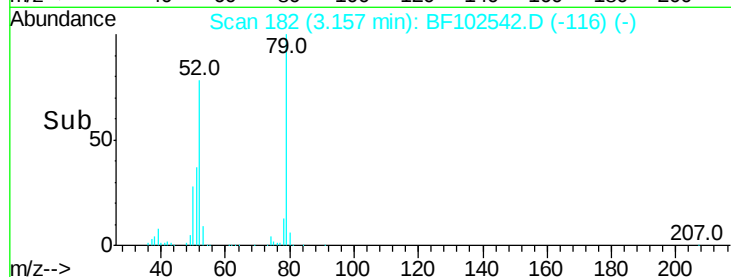
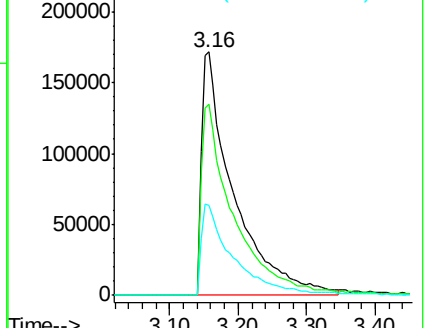
51 36.8 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.755 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.08 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

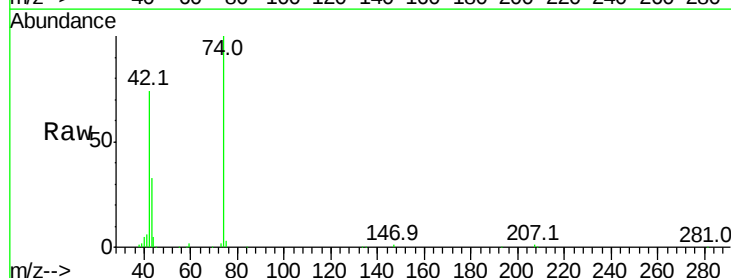
Tgt Ion: 42 Resp: 262582

Ion Ratio Lower Upper

42 100

74 135.1 104.9 157.3

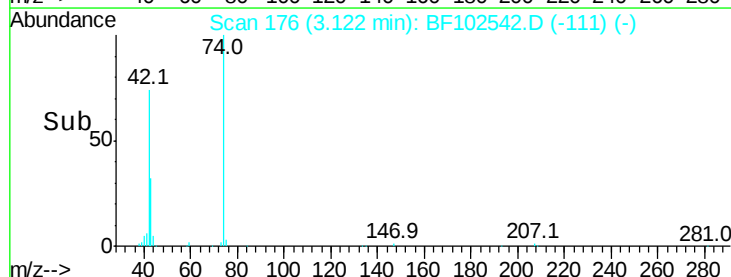
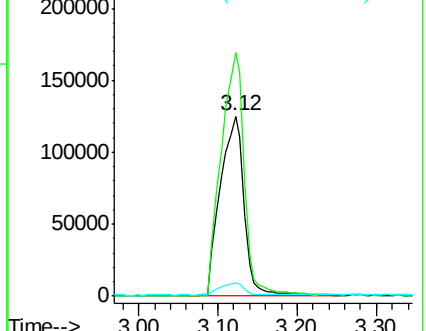
44 7.2 6.9 10.3

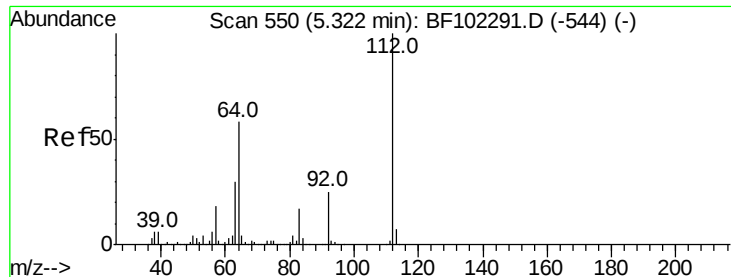


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 109.422 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :

BNA_F

ClientSampleId :

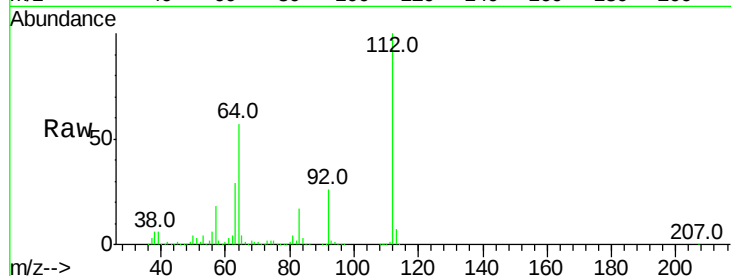
Tot Ion:112 Resp: 1348995

Ion Ratio Lower Upper

112 100

64 57.1 47.9 71.9

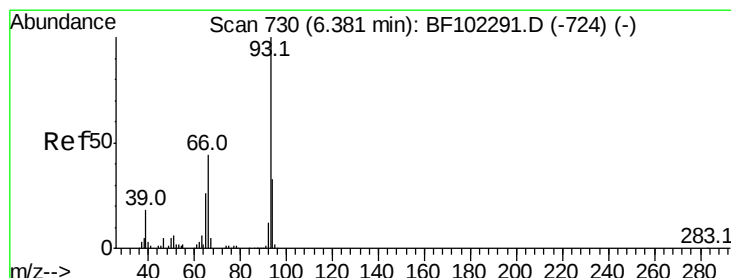
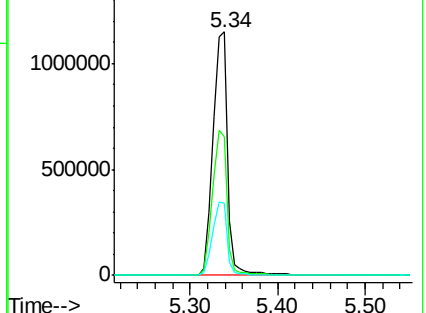
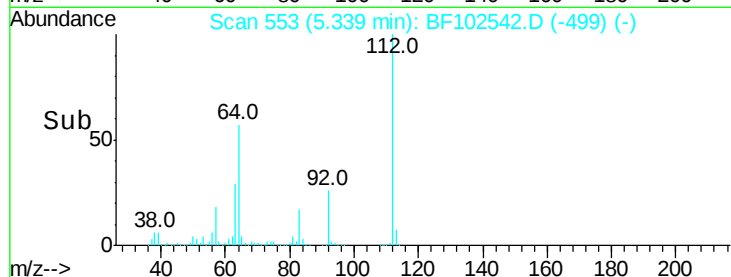
63 29.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.134 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

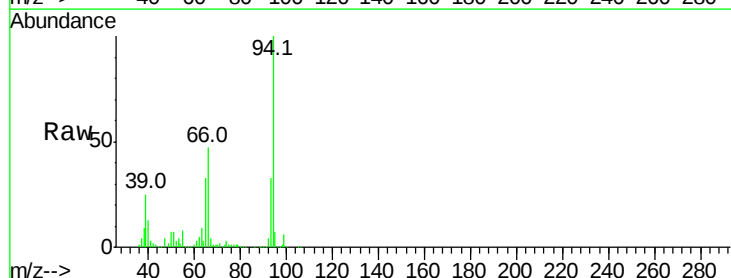
Tgt Ion: 93 Resp: 356487

Ion Ratio Lower Upper

93 100

66 143.1 32.2 48.2#

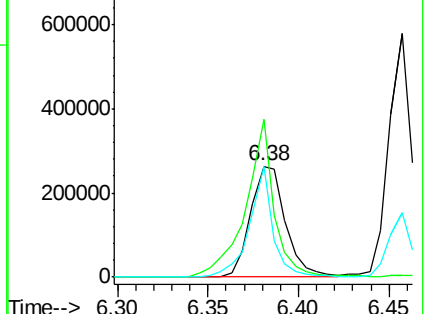
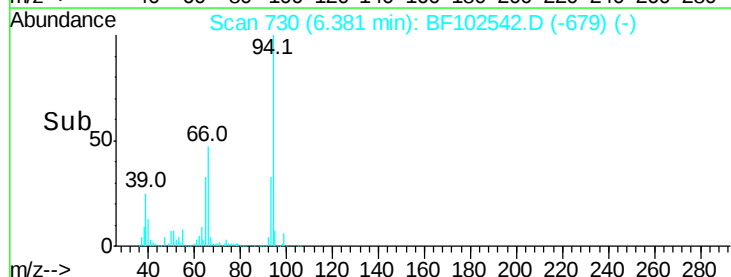
65 100.4 16.4 24.6#

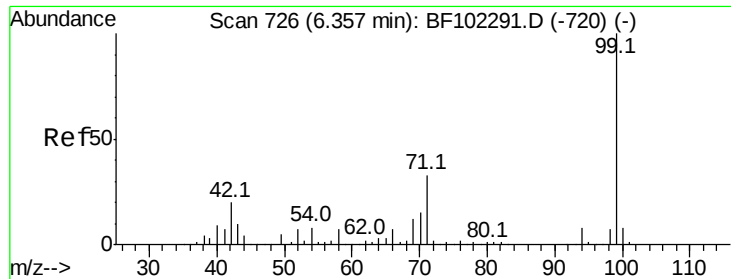


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.714 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :

BNA_F

ClientSampleId :

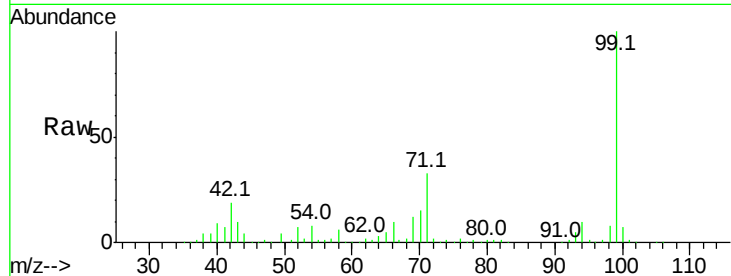
Tot Ion: 99 Resp: 1600941

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	32.7	25.4	38.0

99 100

42 18.8 14.5 21.7

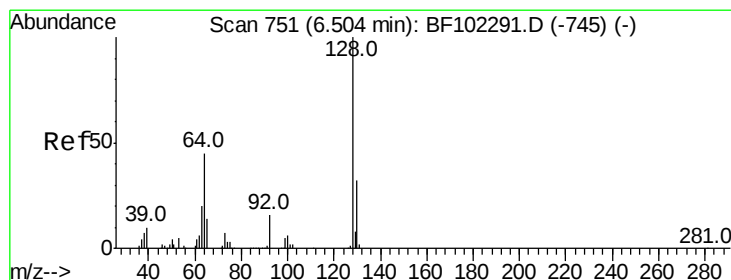
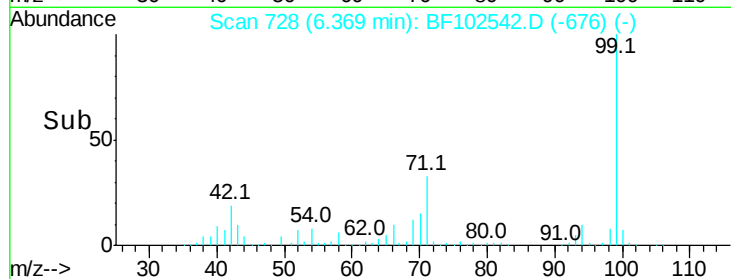
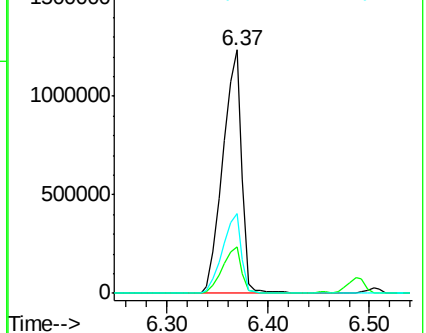
71 32.7 25.4 38.0



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: 39.456 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

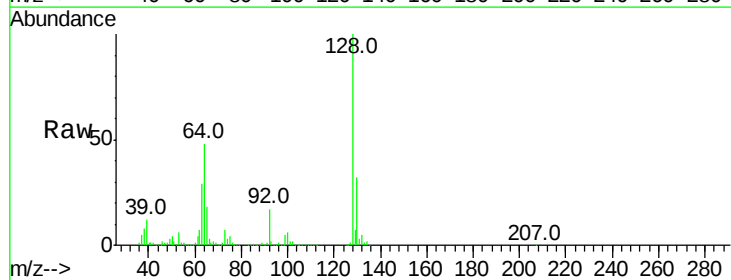
Tgt Ion:128 Resp: 509909

Ion	Ratio	Lower	Upper
128	100		
130	31.8	13.0	53.0
64	48.2	29.4	69.4

128 100

130 31.8 13.0 53.0

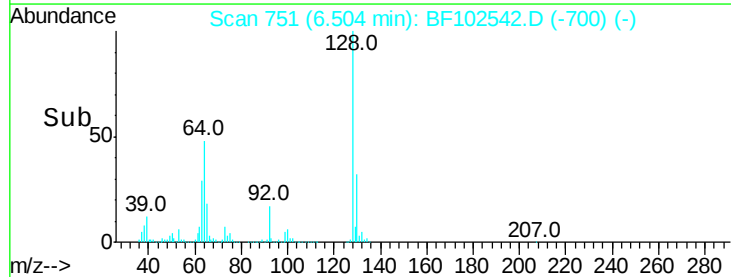
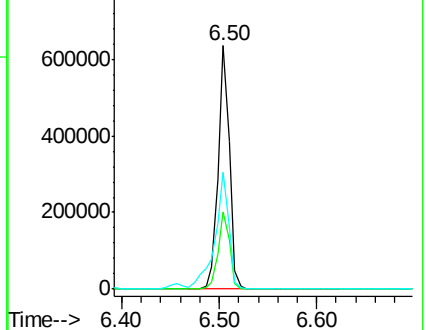
64 48.2 29.4 69.4

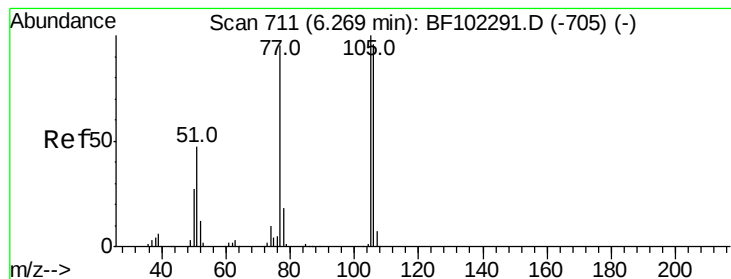


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.590 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :

BNA_F

ClientSampleId :

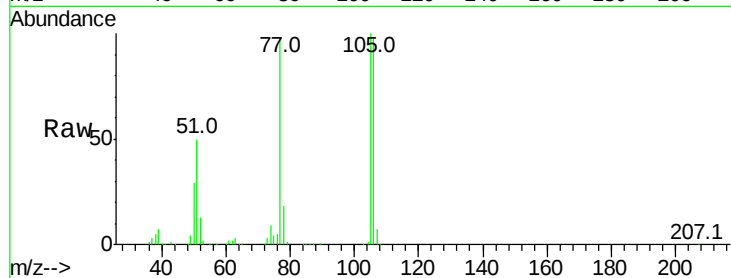
Tot Ion: 77 Resp: 251799

Ion Ratio Lower Upper

77 100

105 102.1 81.1 121.1

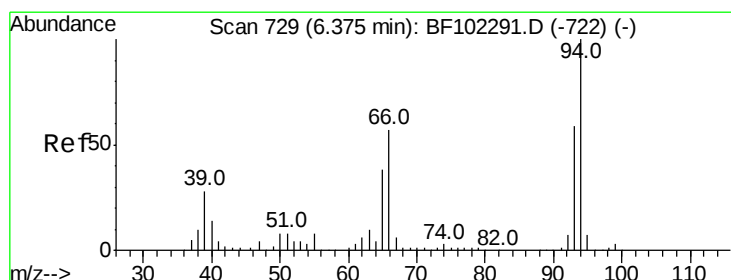
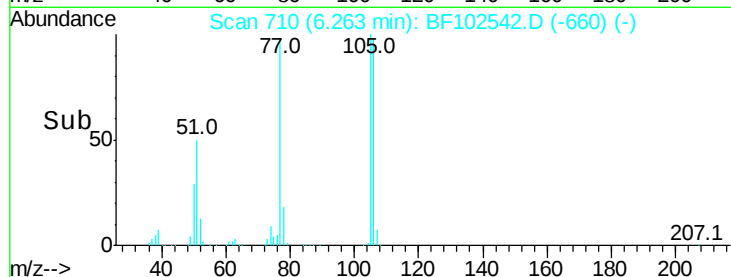
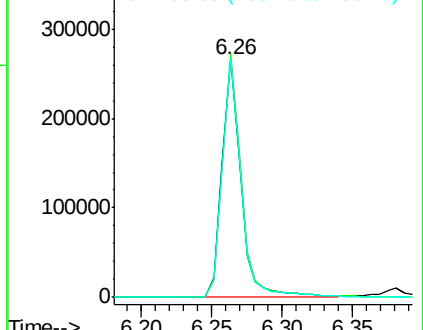
106 100.1 74.5 114.5



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: 36.867 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

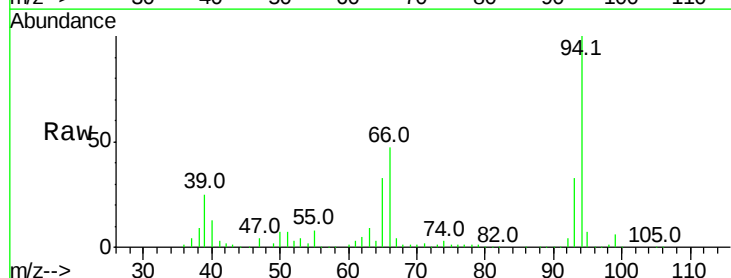
Tgt Ion: 94 Resp: 598207

Ion Ratio Lower Upper

94 100

65 32.7 7.9 47.9

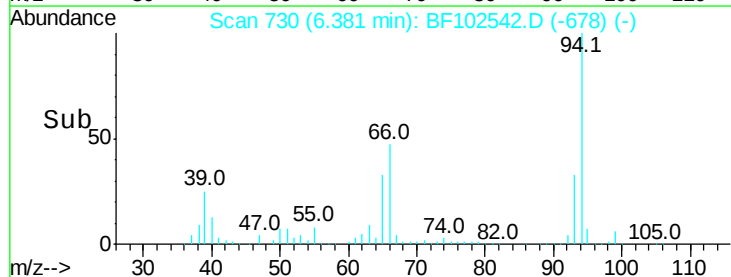
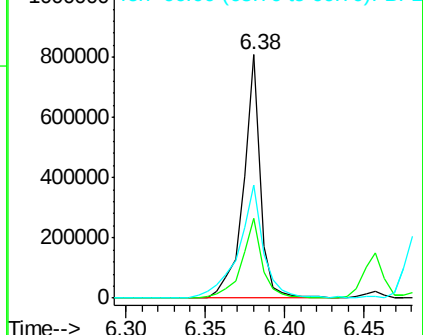
66 46.5 16.2 56.2

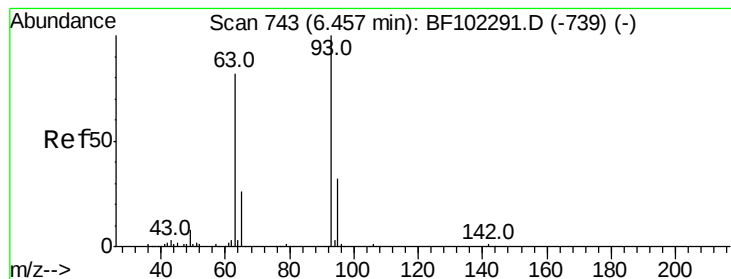


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.709 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :

BNA_F

ClientSampleId :

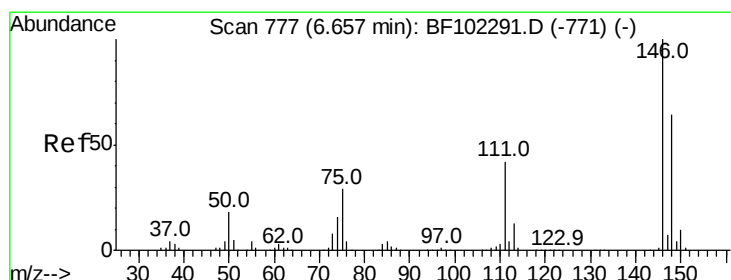
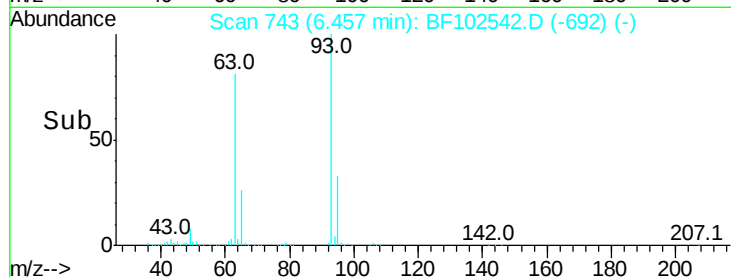
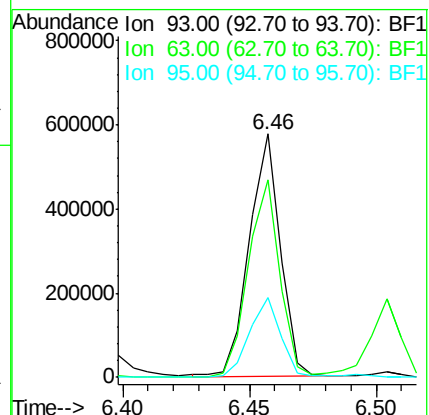
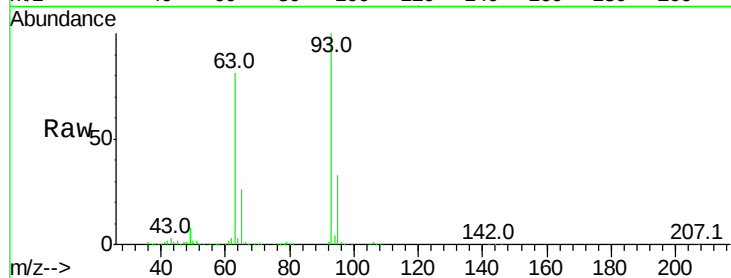
Tot Ion: 93 Resp: 490060

Ion Ratio Lower Upper

93 100

63 81.0 58.6 98.6

95 33.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 35.431 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

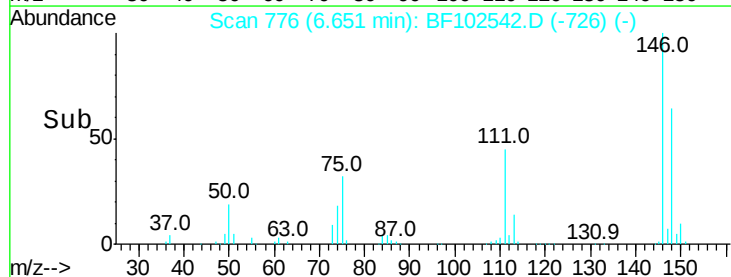
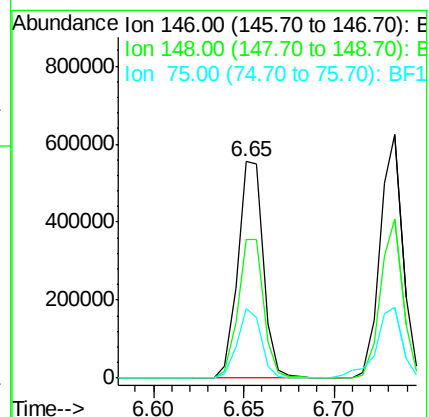
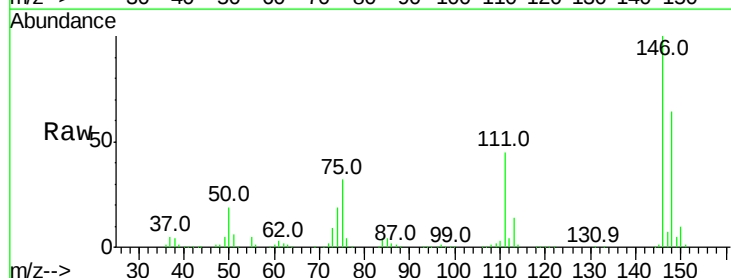
Tgt Ion: 146 Resp: 544562

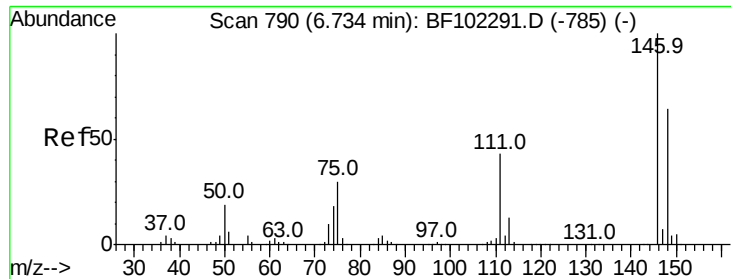
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.8

75 31.9 24.2 36.4

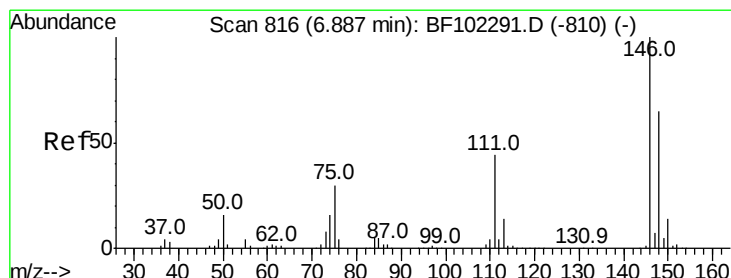
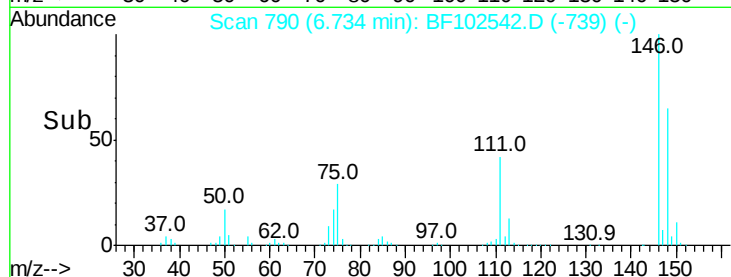
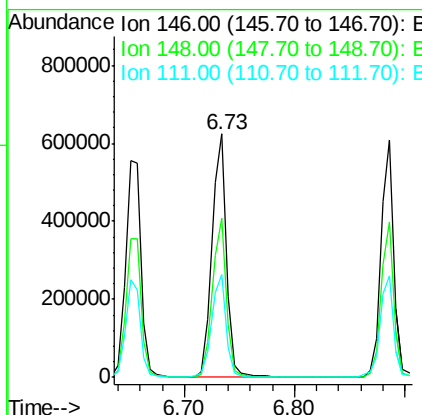
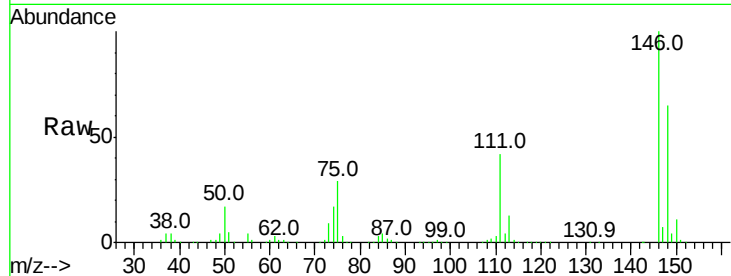




#13
 1,4-Dichlorobenzene
 Concen: 35.784 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

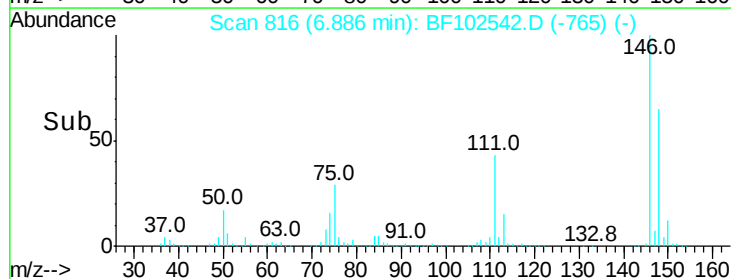
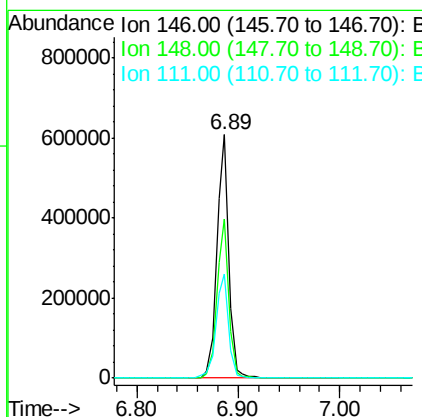
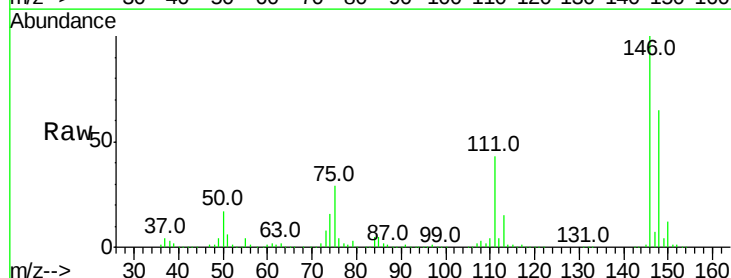
Instrument :
 BNA_F
 ClientSampleId :

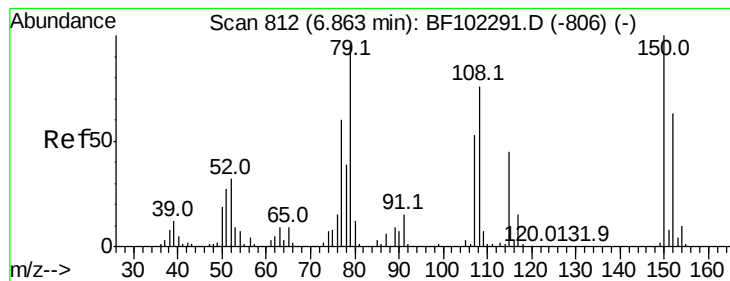
Tot Ion:146 Resp: 550930
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.8 76.2
 111 42.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 34.885 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

Tgt Ion:146 Resp: 491275
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.6 75.8
 111 42.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 35.481 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :
BNA_F
ClientSampled :

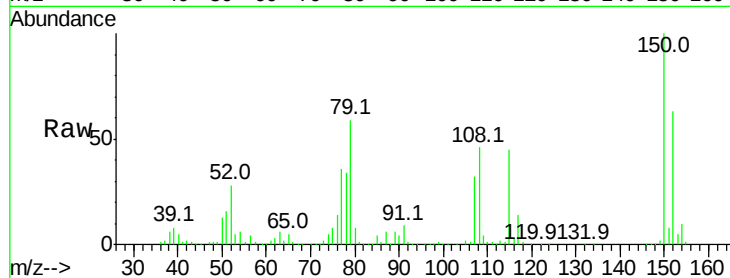
Tot Ion: 79 Resp: 372080

Ion Ratio Lower Upper

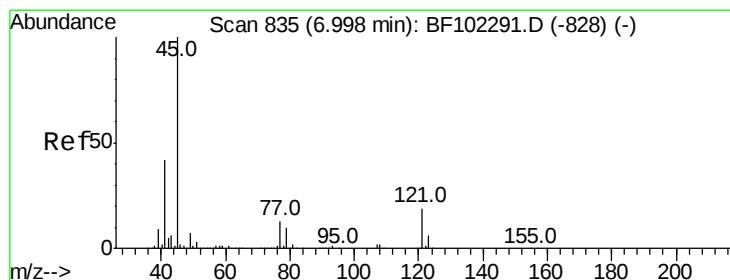
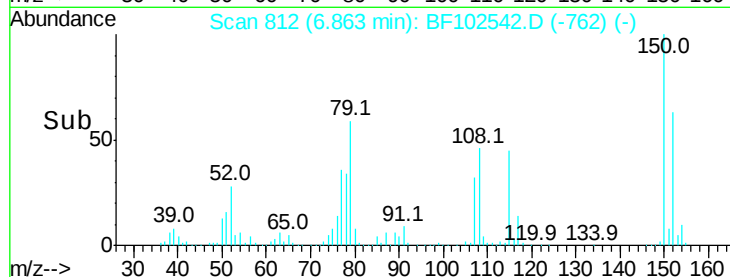
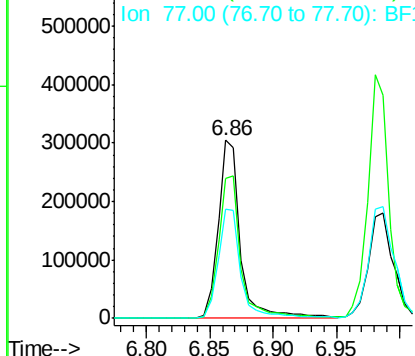
79 100

108 78.7 65.1 97.7

77 61.4 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.871 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

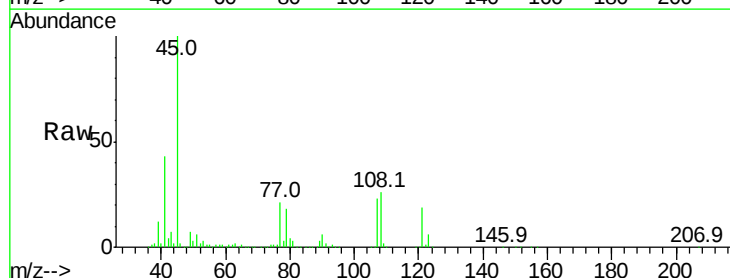
Tgt Ion: 45 Resp: 783874

Ion Ratio Lower Upper

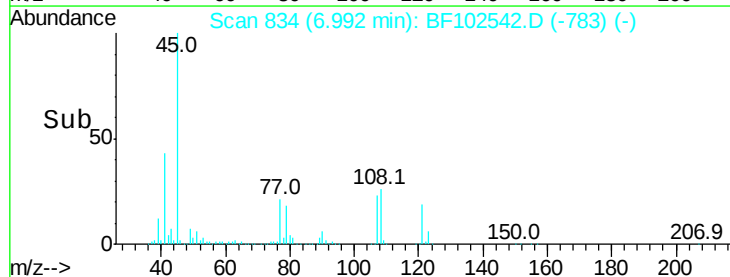
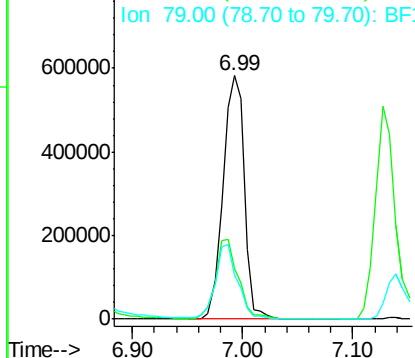
45 100

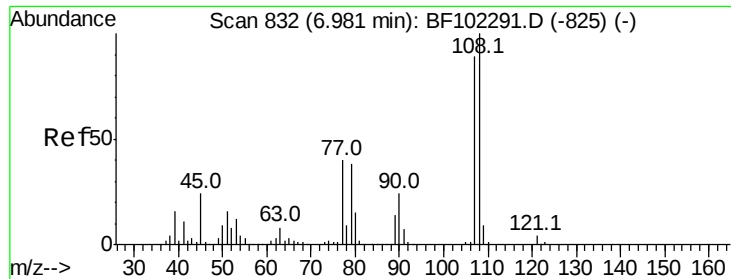
77 20.8 0.0 32.9

79 18.2 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

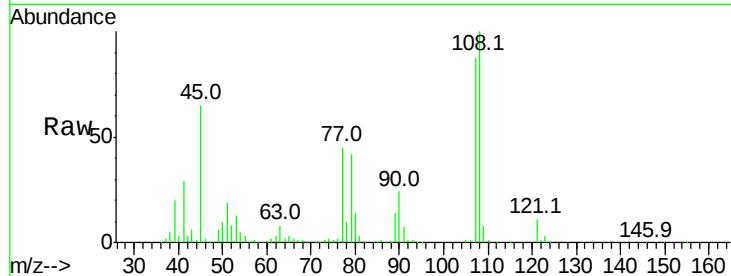




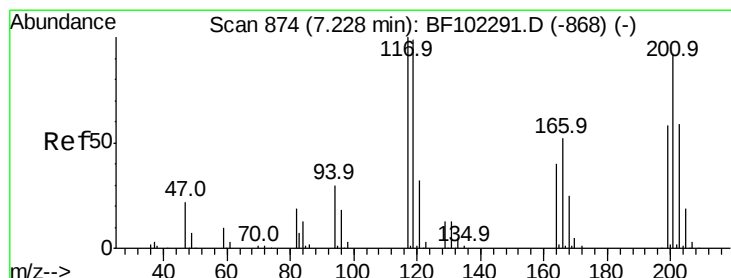
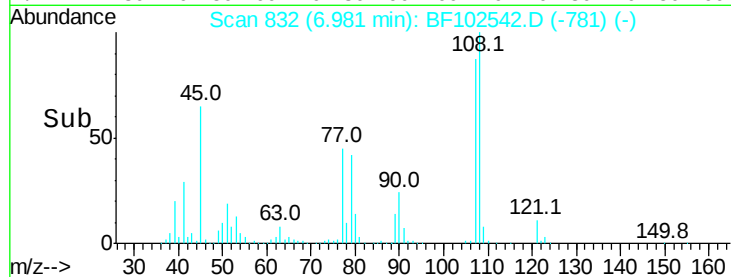
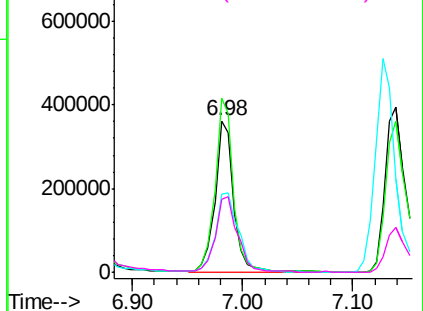
#17
2-Methylphenol
Concen: 37.166 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF102542.D
Acq: 28 Jan 2018 6:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 417140
Ion Ratio Lower Upper
107 100
108 115.3 91.7 137.5
77 52.0 33.8 50.8#
79 48.2 33.8 50.8

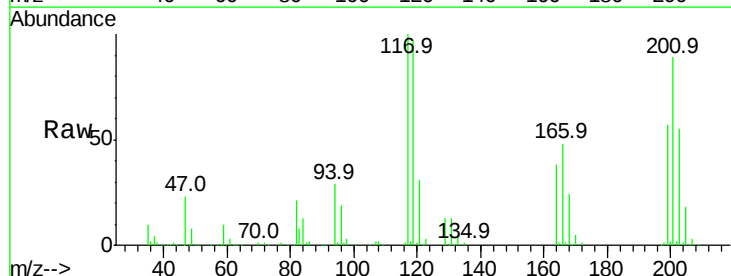


Abundance Ion 107.00 (106.70 to 107.70): E
800000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

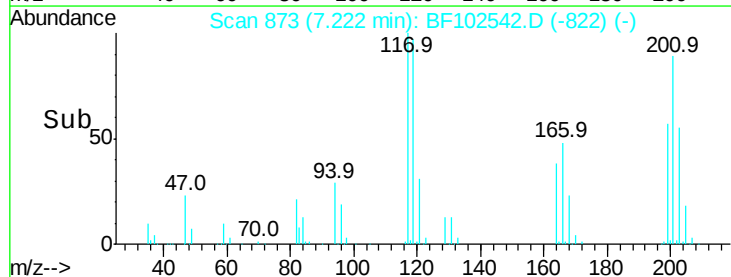
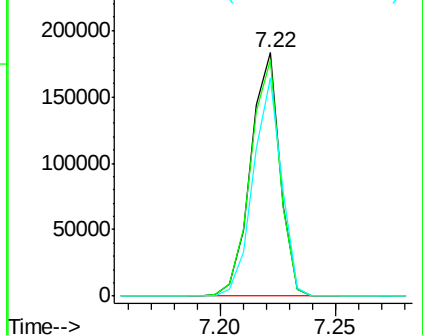


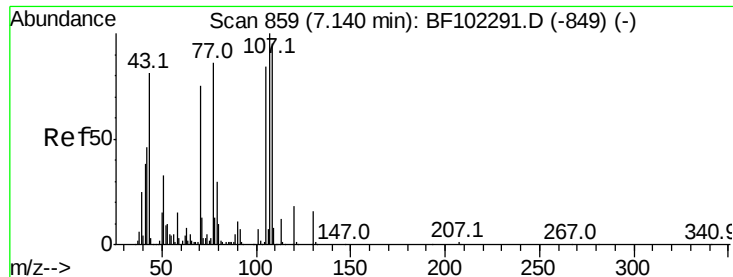
#18
Hexachloroethane
Concen: 30.295 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF102542.D
Acq: 28 Jan 2018 6:35

Tgt Ion:117 Resp: 162533
Ion Ratio Lower Upper
117 100
119 97.1 75.8 113.8
201 89.5 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
250000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

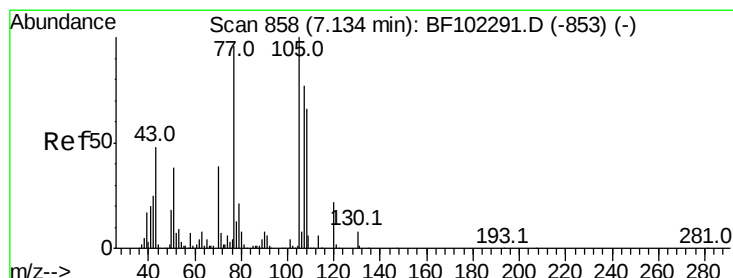
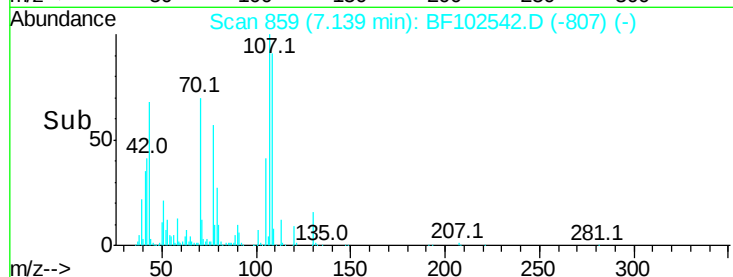
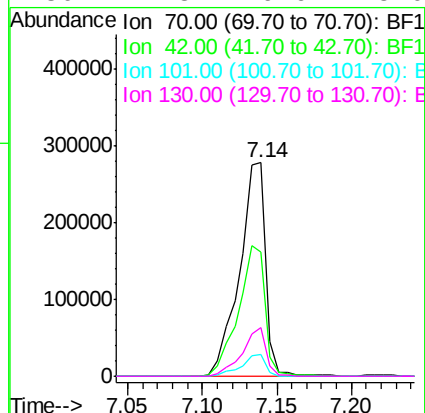
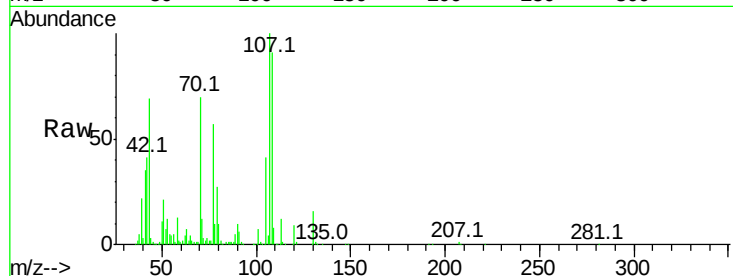




#19
n-Nitroso-di-n-propylamine
Concen: 37.357 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102542.D
Acq: 28 Jan 2018 6:35

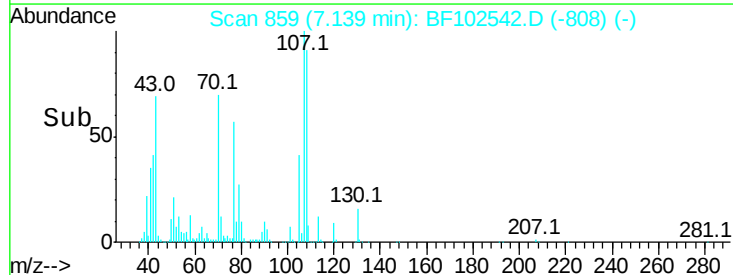
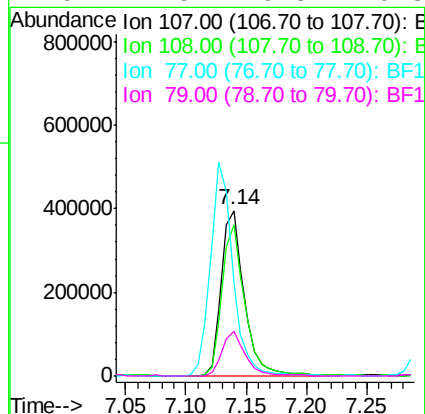
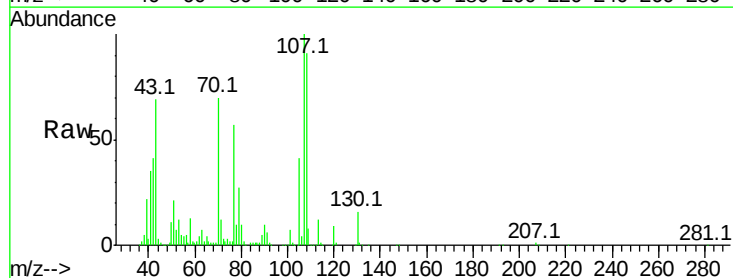
Instrument :
BNA_F
ClientSampleId :

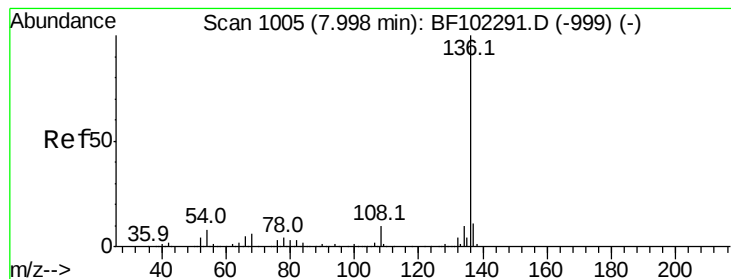
Tot Ion	Ratio	Lower	Upper
70	100		
42	58.3	47.5	71.3
101	10.1	7.4	11.2
130	22.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.055 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102542.D
Acq: 28 Jan 2018 6:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.2	108.2
77	56.5	26.7	66.7
79	27.5	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: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 762975

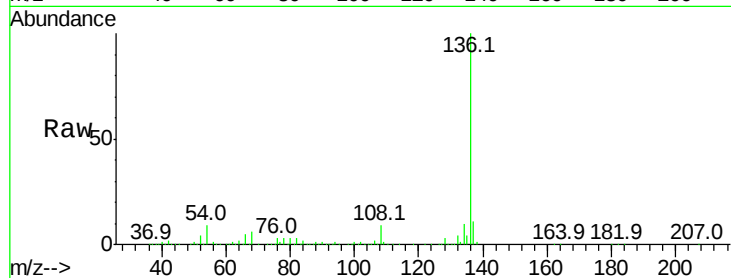
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.7 6.6 9.8

68 6.1 5.0 7.4

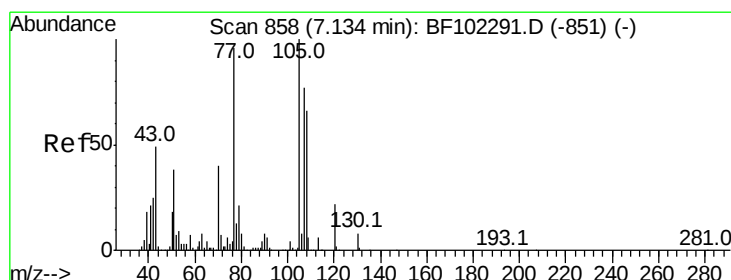
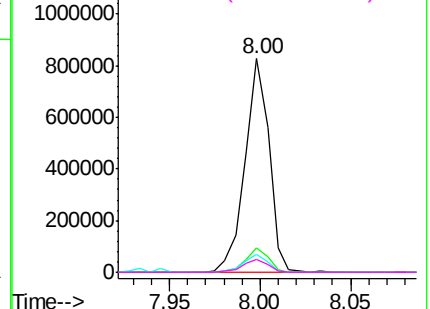
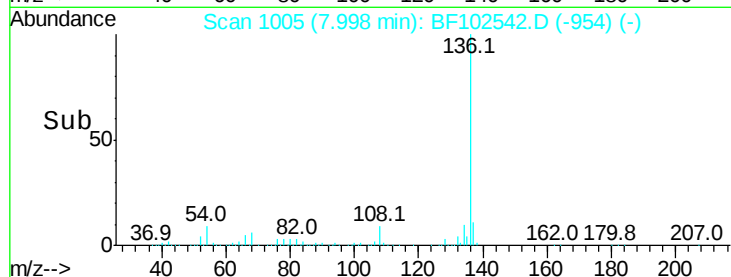


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.016 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Tgt Ion:105 Resp: 691445

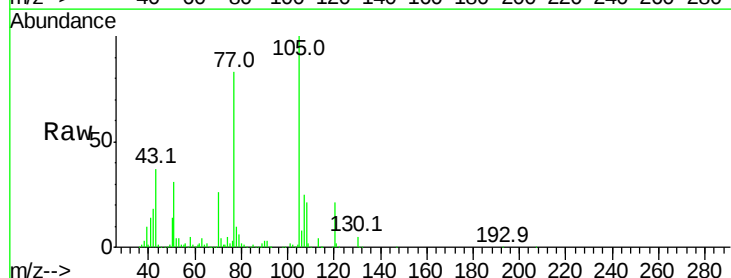
Ion Ratio Lower Upper

105 100

71 4.4 4.4 6.6

51 31.5 22.3 33.5

120 21.4 16.9 25.3

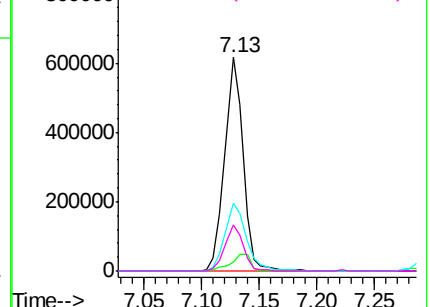
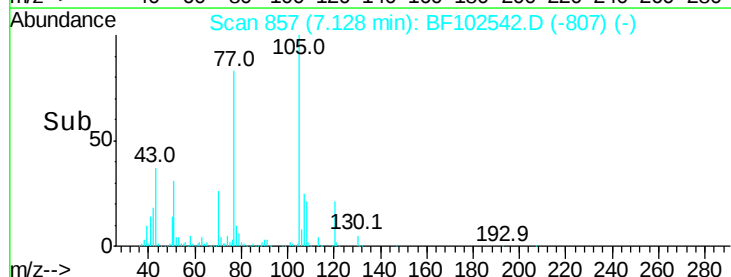


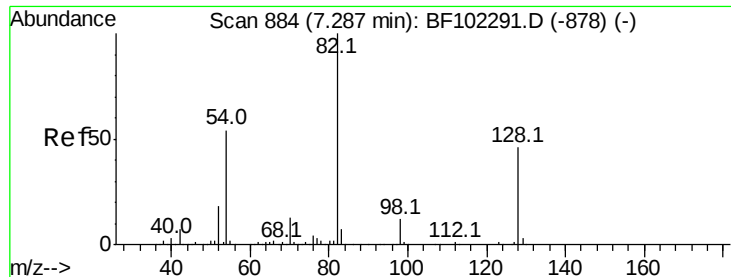
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

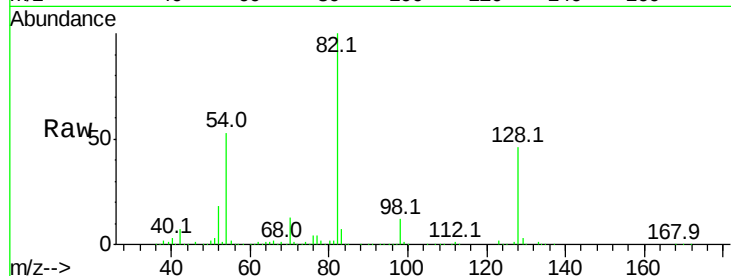




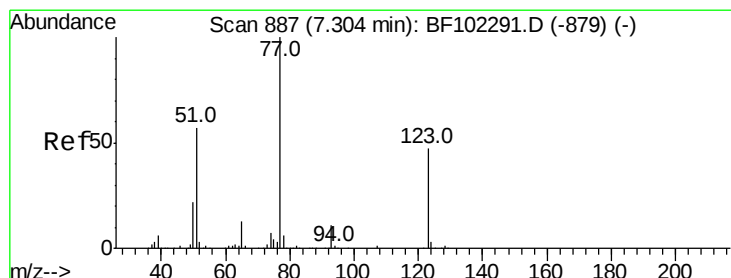
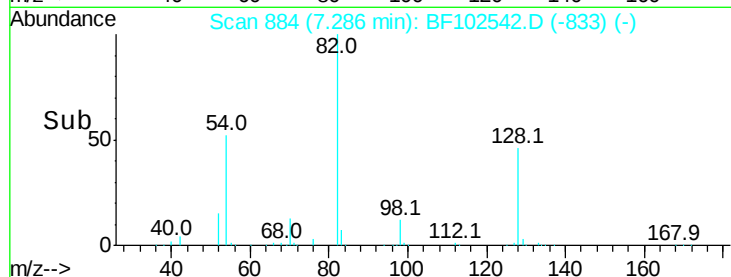
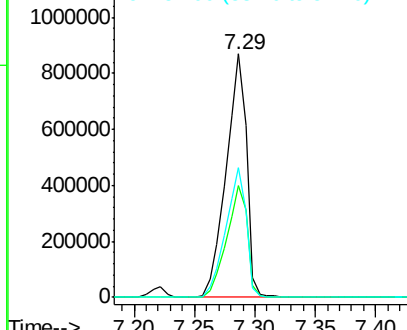
#23
Nitrobenzene-d5
Concen: 77.081 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102542.D
Acq: 28 Jan 2018 6:35

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1023384
Ion Ratio Lower Upper
82 100
128 46.0 36.1 54.1
54 53.5 41.4 62.2

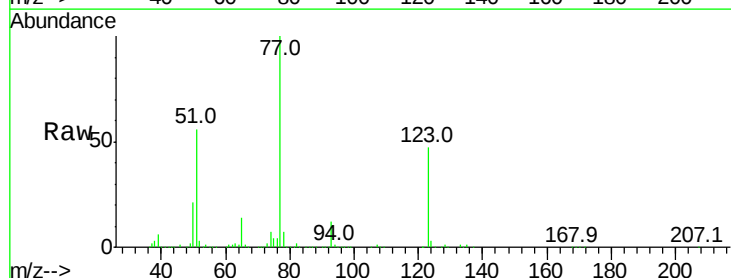


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

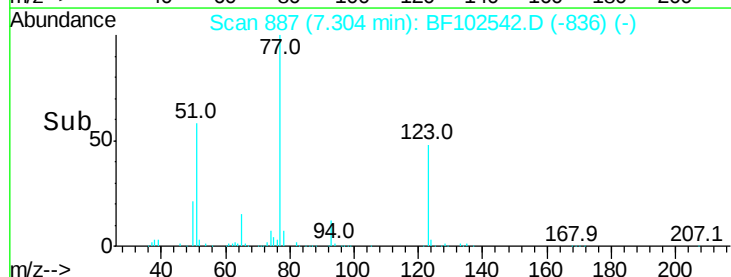
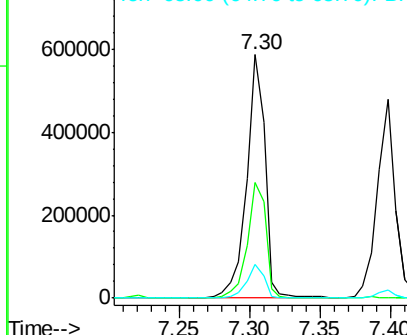


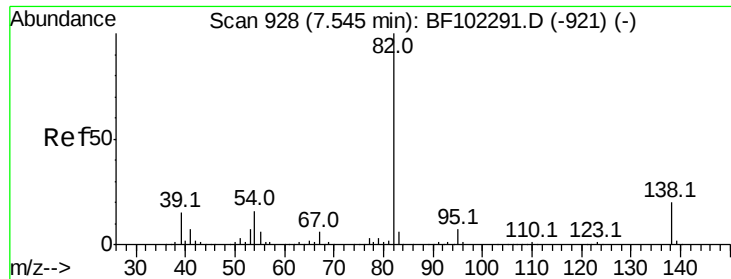
#24
Nitrobenzene
Concen: 38.910 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF102542.D
Acq: 28 Jan 2018 6:35

Tgt Ion: 77 Resp: 528672
Ion Ratio Lower Upper
77 100
123 47.5 37.9 56.9
65 14.1 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

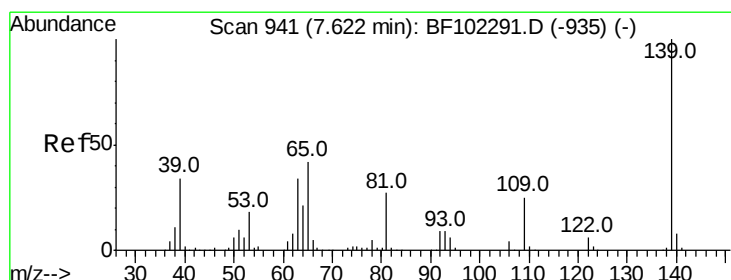
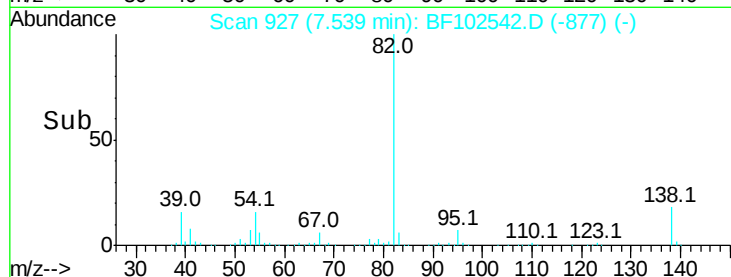
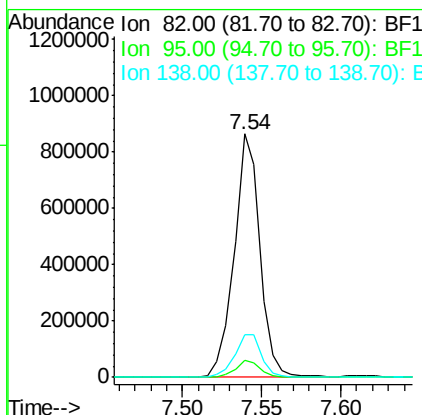
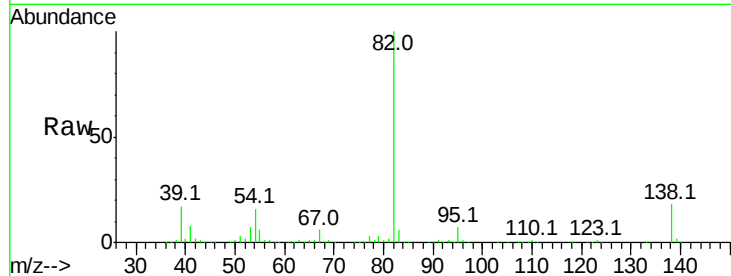




#25
Isophorone
Concen: 41.102 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF102542.D
Acq: 28 Jan 2018 6:35

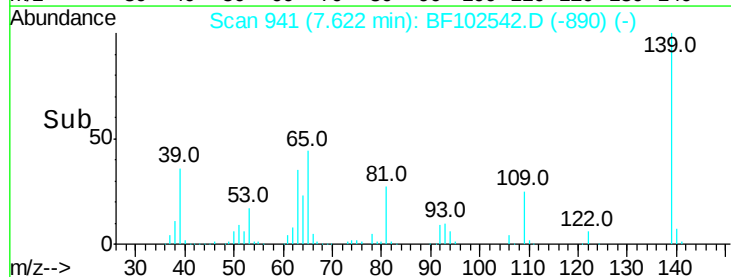
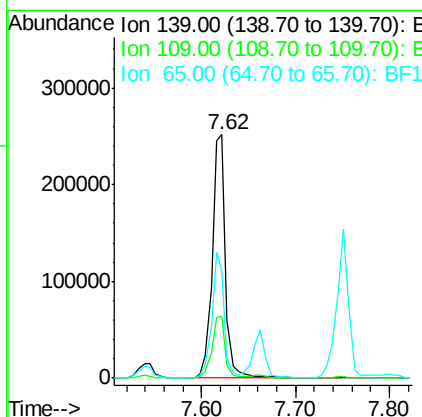
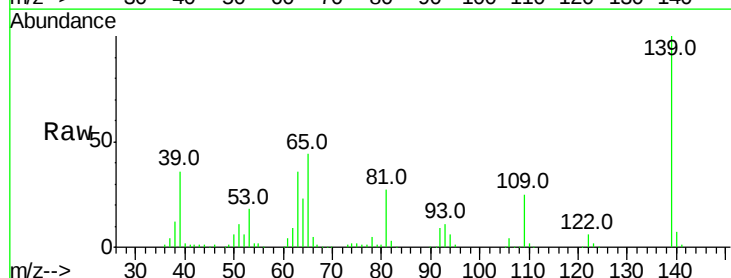
Instrument :
BNA_F
ClientSampleId :

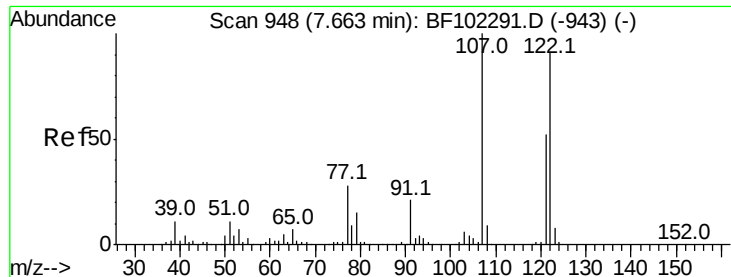
Tot Ion: 82 Resp: 972848
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 17.7 14.9 22.3



#26
2-Nitrophenol
Concen: 35.362 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF102542.D
Acq: 28 Jan 2018 6:35

Tgt Ion: 139 Resp: 252872
Ion Ratio Lower Upper
139 100
109 25.2 22.7 34.1
65 44.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 43.480 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :

BNA_F

ClientSampleId :

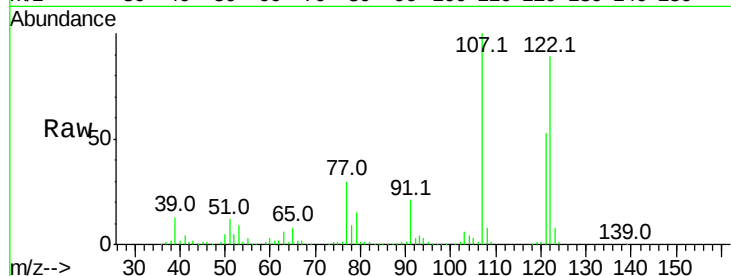
Tot Ion:122 Resp: 451480

Ion Ratio Lower Upper

122 100

107 112.7 91.2 136.8

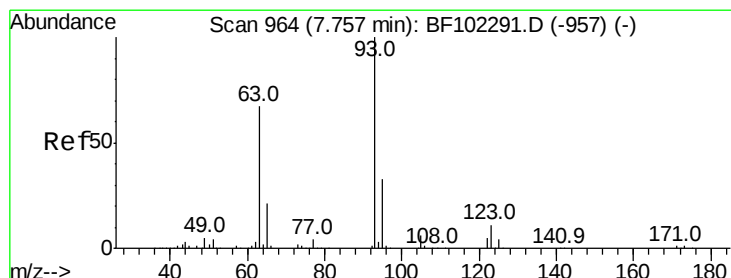
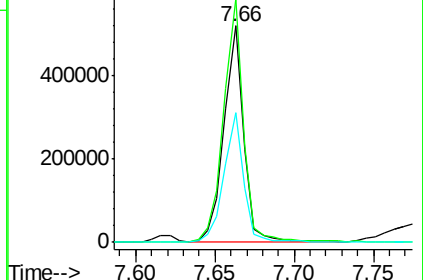
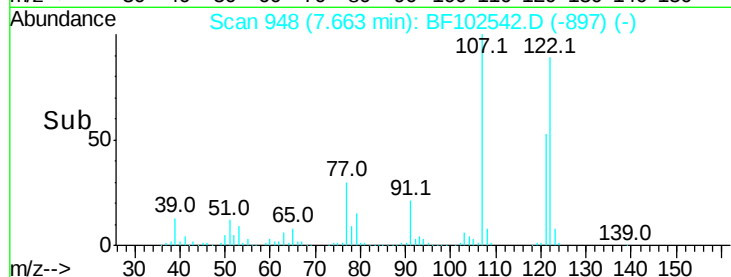
121 60.0 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.434 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

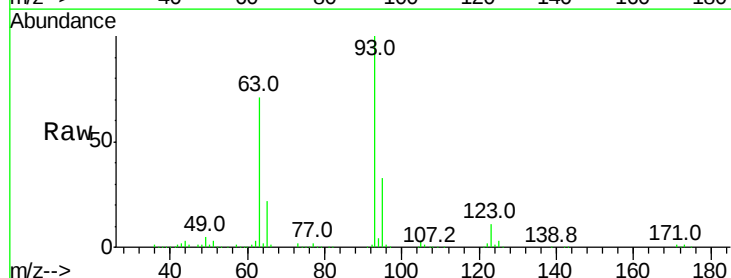
Tgt Ion: 93 Resp: 620434

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

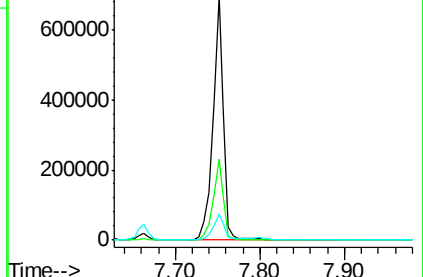
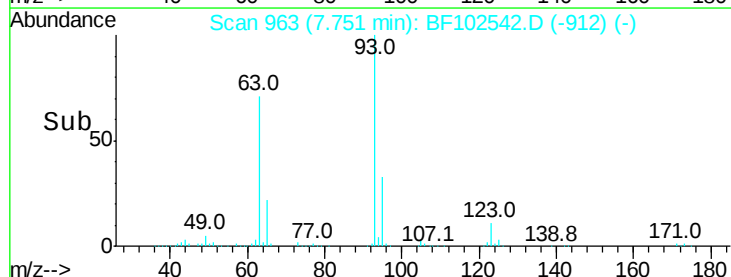
123 10.9 9.8 14.6

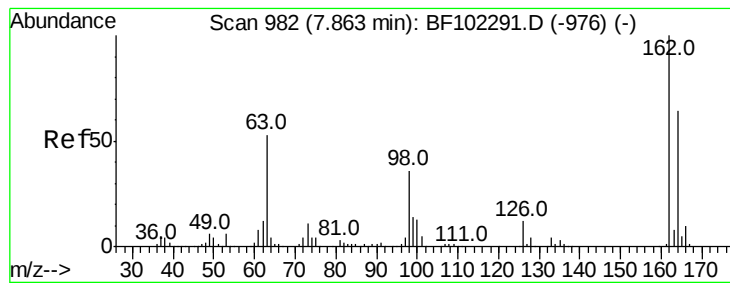


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.174 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :

BNA_F

ClientSampled :

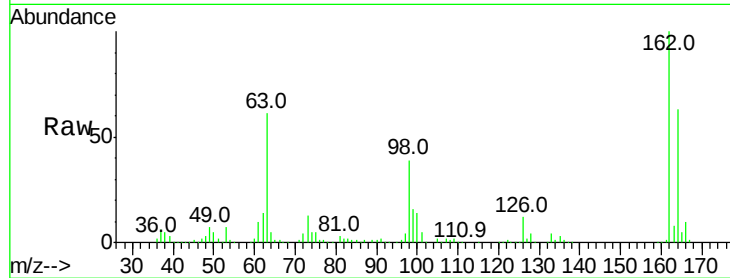
Tot Ion:162 Resp: 414351

Ion Ratio Lower Upper

162 100

164 63.0 42.7 82.7

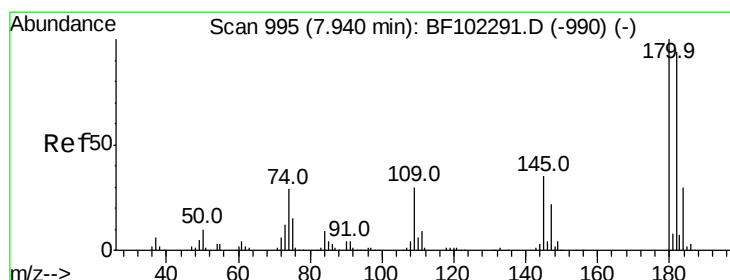
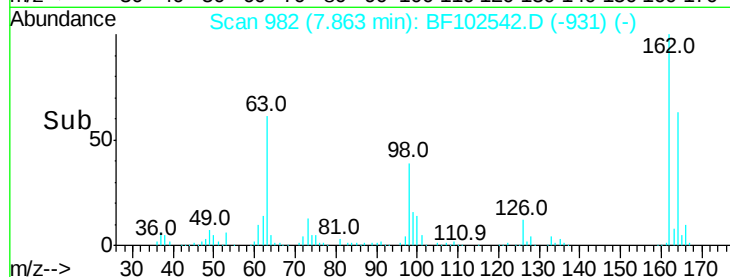
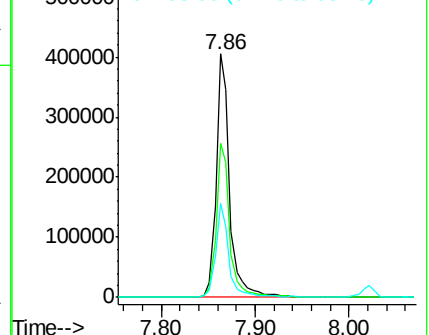
98 38.7 18.1 58.1



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: 34.969 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

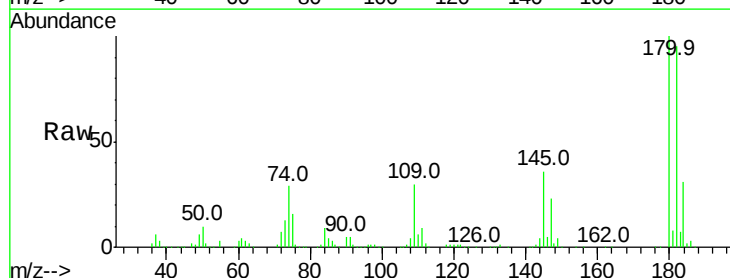
Tgt Ion:180 Resp: 396489

Ion Ratio Lower Upper

180 100

182 94.9 76.8 115.2

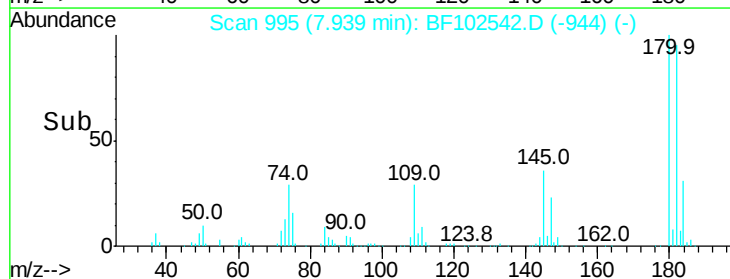
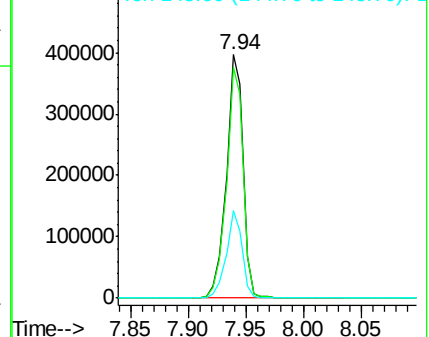
145 36.0 26.5 39.7

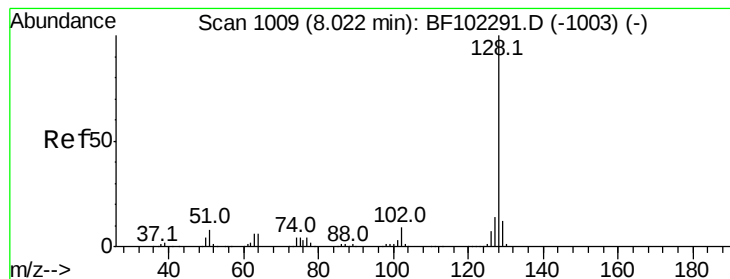


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.584 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :

BNA_F

ClientSampleId :

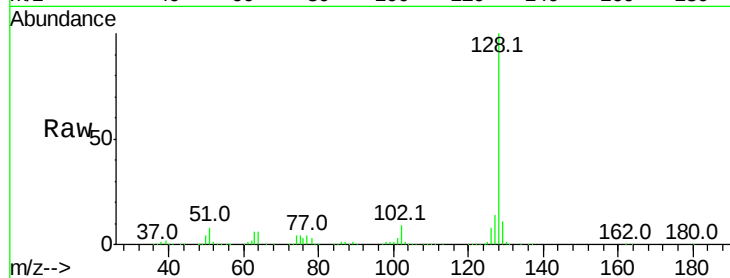
Tot Ion:128 Resp: 1393642

Ion Ratio Lower Upper

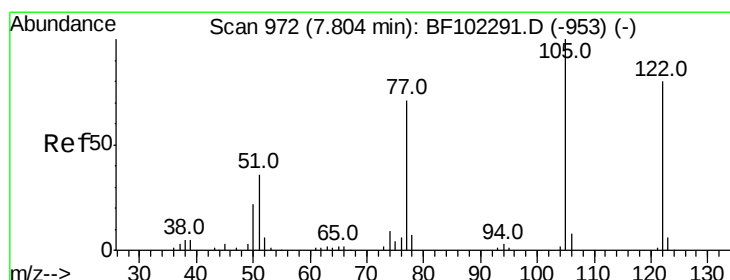
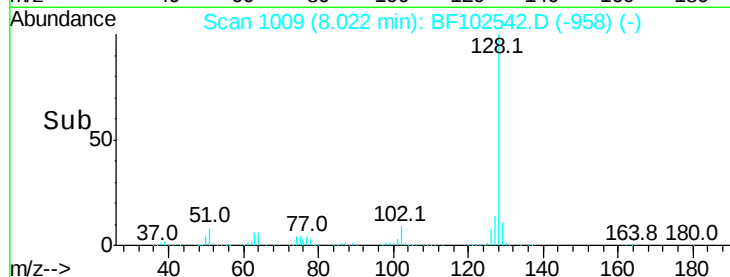
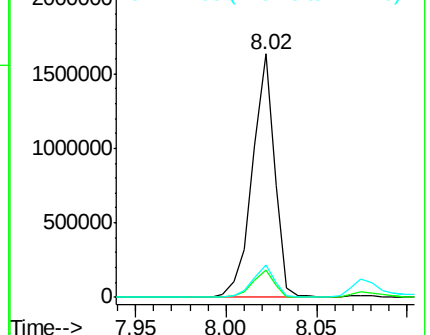
128 100

129 11.1 8.8 13.2

127 13.6 10.9 16.3



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



#32

Benzoic acid

Concen: 26.145 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

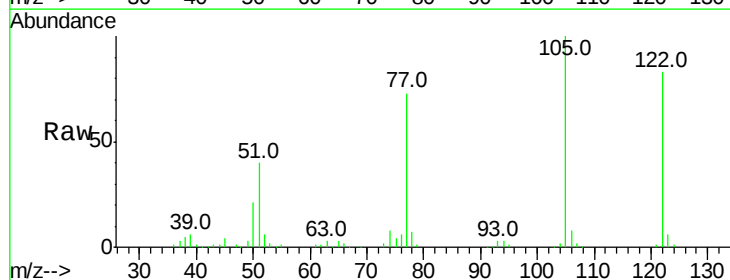
Tgt Ion:122 Resp: 227455

Ion Ratio Lower Upper

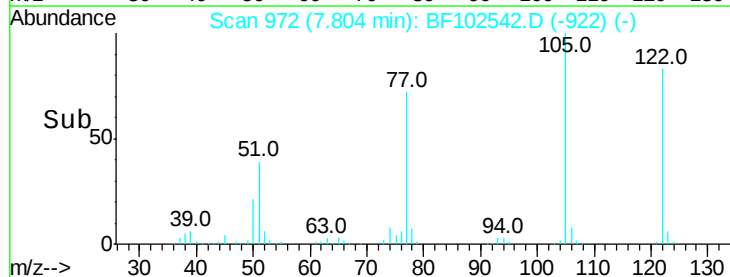
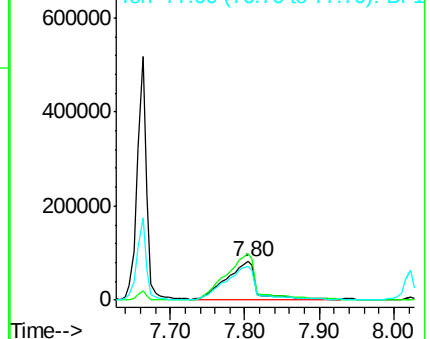
122 100

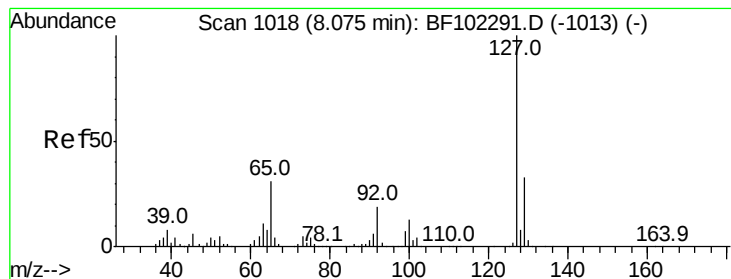
105 121.1 101.1 141.1

77 88.1 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: 10.559 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 169153

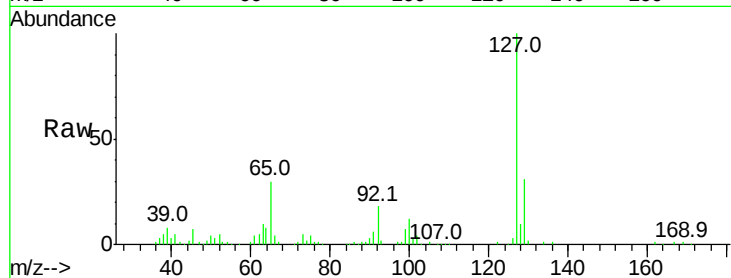
Ion Ratio Lower Upper

127 100

129 30.8 25.9 38.9

65 30.1 25.0 37.4

92 18.5 15.2 22.8

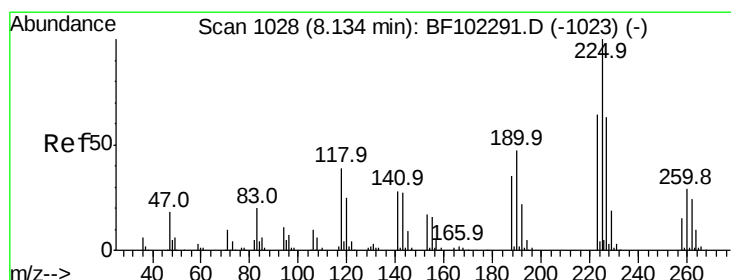
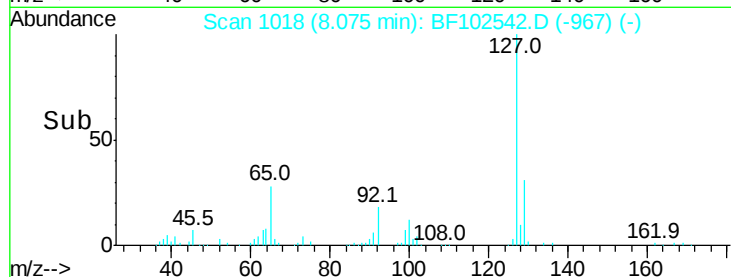
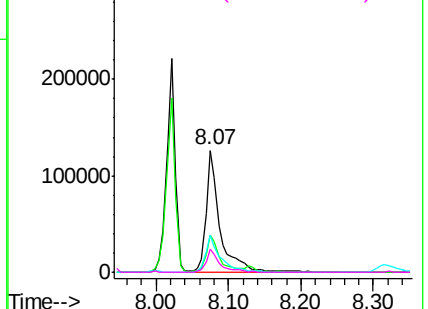


Abundance Ion 127.00 (126.70 to 127.70): E

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: 34.036 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

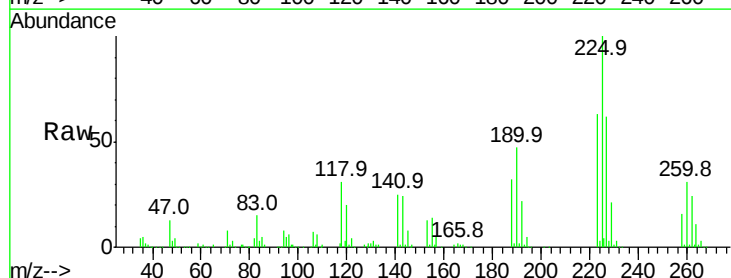
Tgt Ion:225 Resp: 206109

Ion Ratio Lower Upper

225 100

223 62.5 50.6 76.0

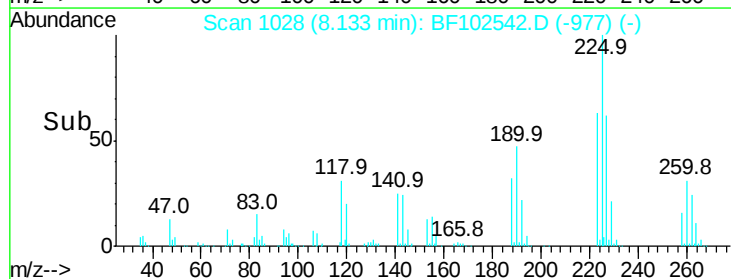
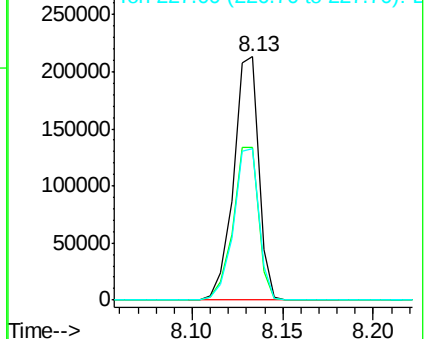
227 62.3 51.9 77.9

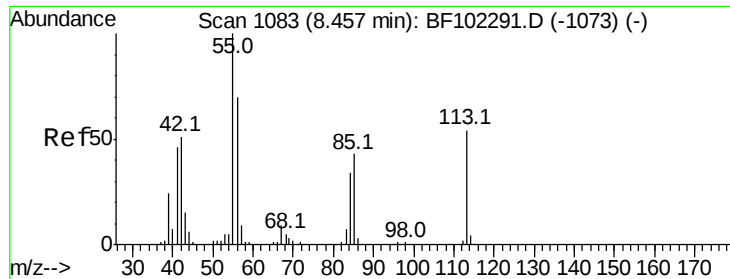


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

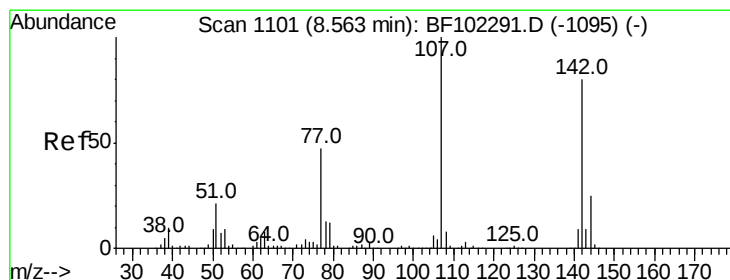
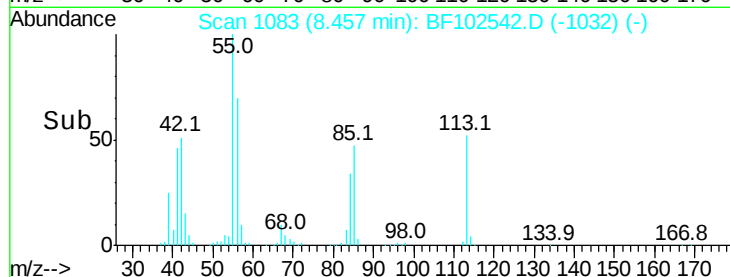
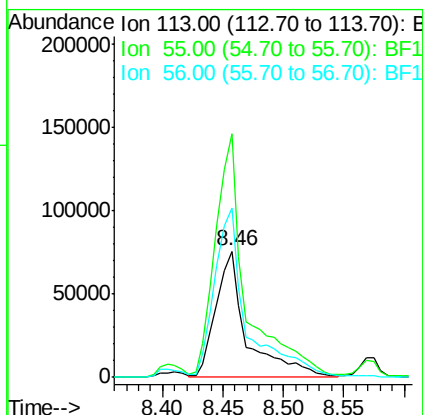
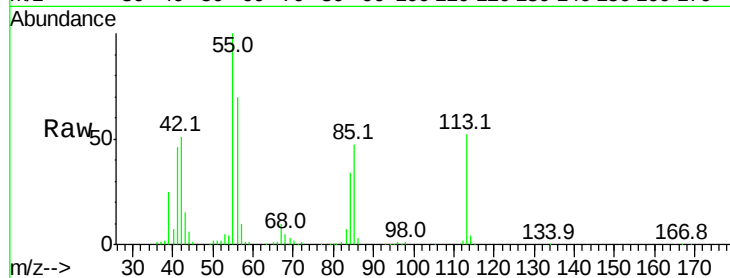




#35
 Caprolactam
 Concen: 39.001 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

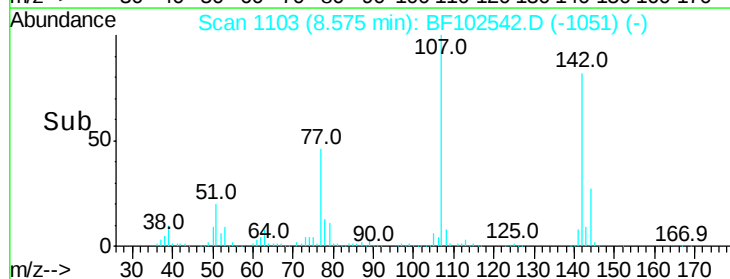
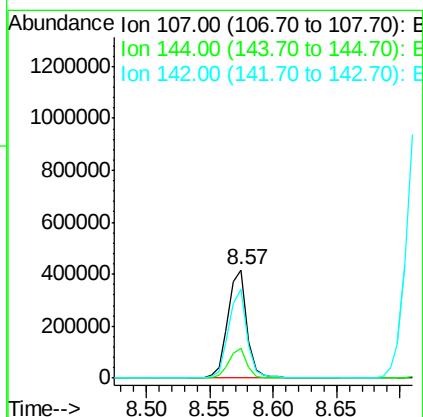
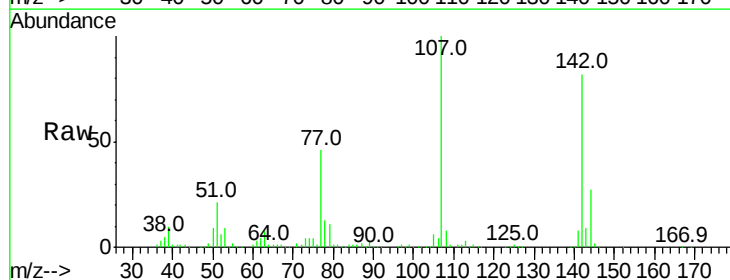
Instrument :
 BNA_F
 ClientSampled :

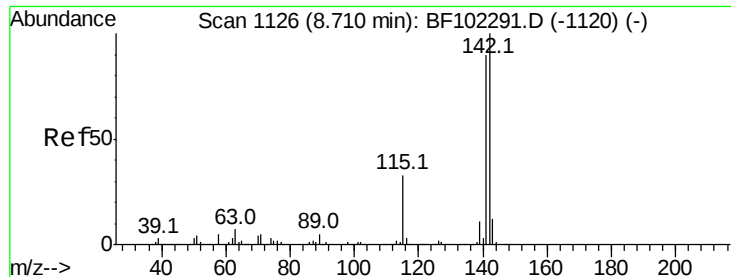
Tot Ion:113 Resp: 136240
 Ion Ratio Lower Upper
 113 100
 55 192.7 163.3 203.3
 56 134.5 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.087 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

Tgt Ion:107 Resp: 435780
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.5 30.7
 142 81.7 62.0 93.0





#37

2-Methylnaphthalene

Concen: 35.755 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

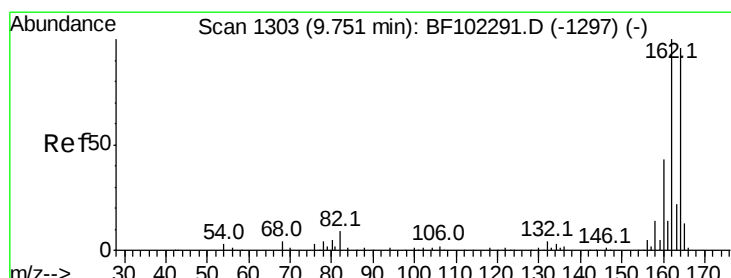
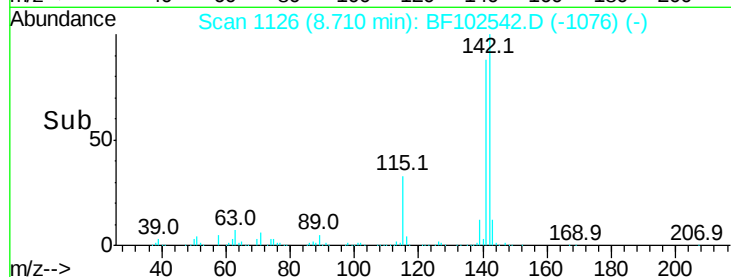
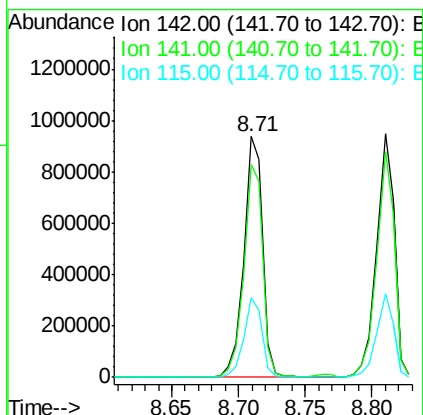
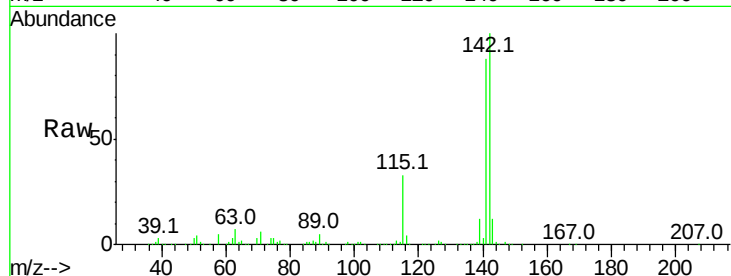
Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 907080

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	33.3	26.1	39.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

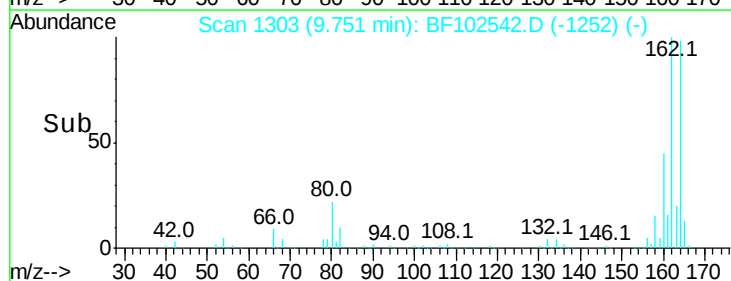
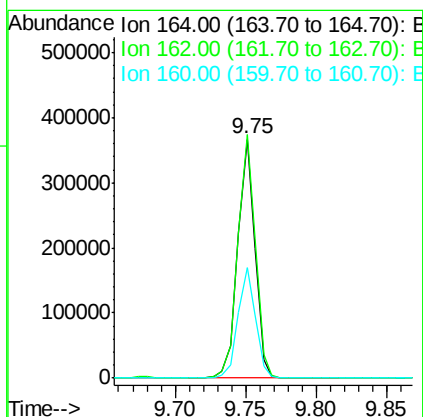
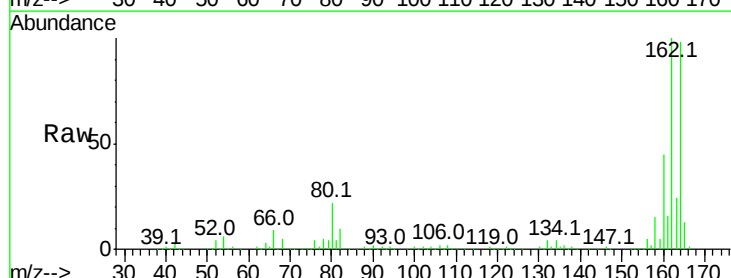
Delta R.T. -0.00 min

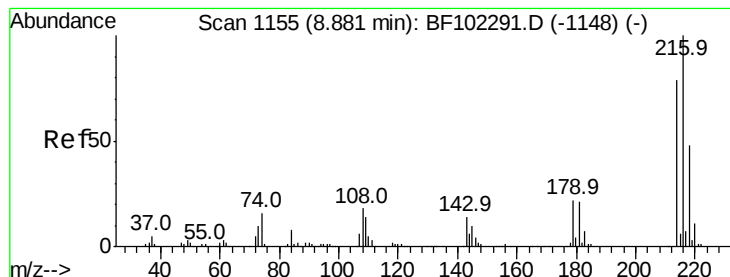
Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Tgt Ion:164 Resp: 312361

Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	46.0	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.084 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 348508

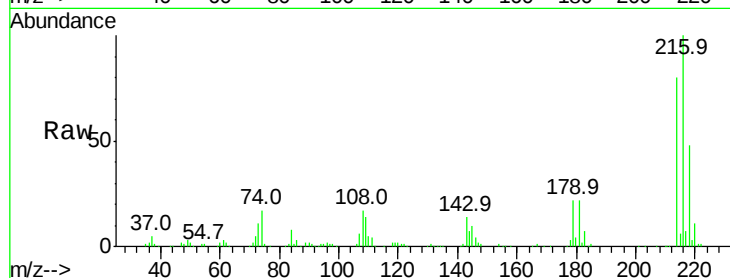
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 23.1 18.1 27.1

108 20.9 17.2 25.8

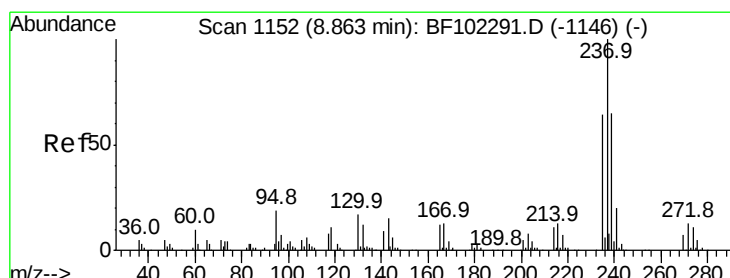
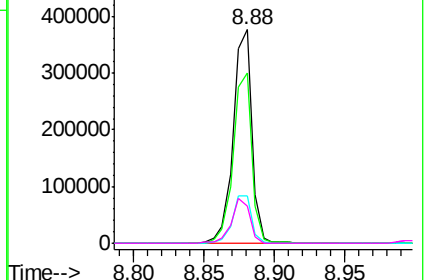
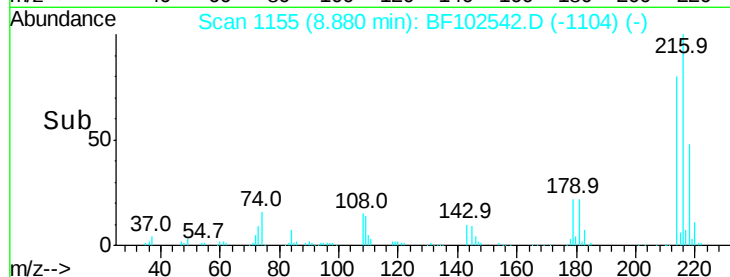


Abundance Ion 216.00 (215.70 to 216.70): E

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: 6.962 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

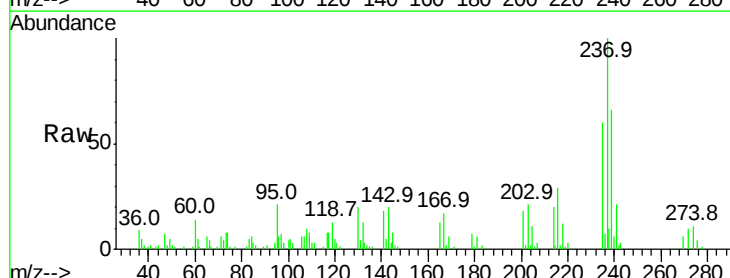
Tgt Ion:237 Resp: 29278

Ion Ratio Lower Upper

237 100

235 59.8 44.8 84.8

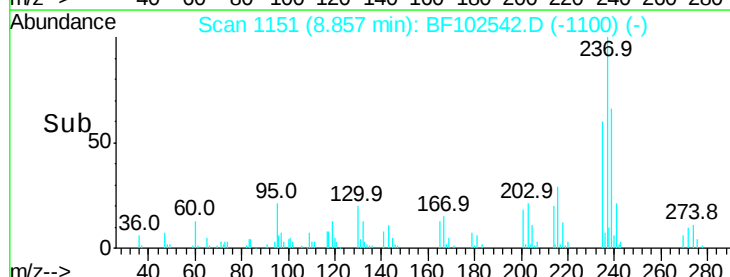
272 10.5 0.0 33.3



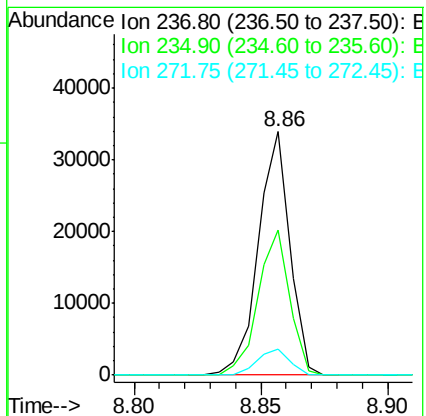
Abundance Ion 236.80 (236.50 to 237.50): E

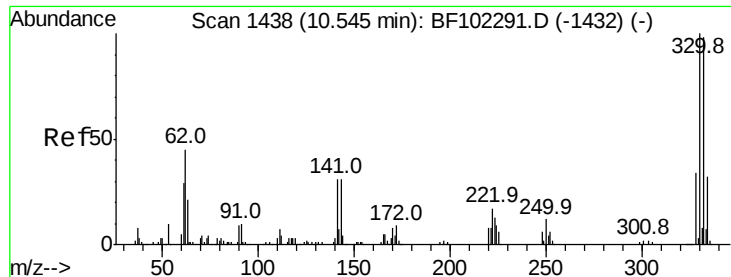
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

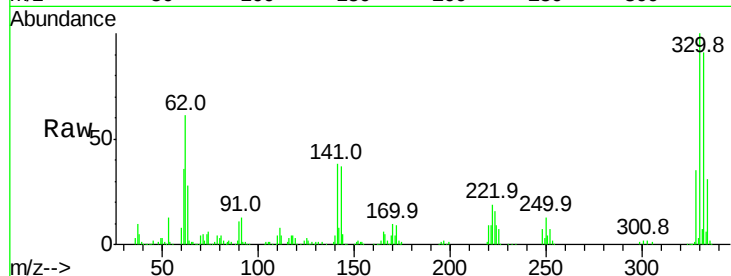




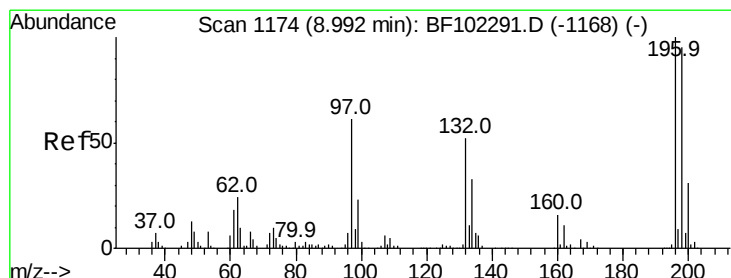
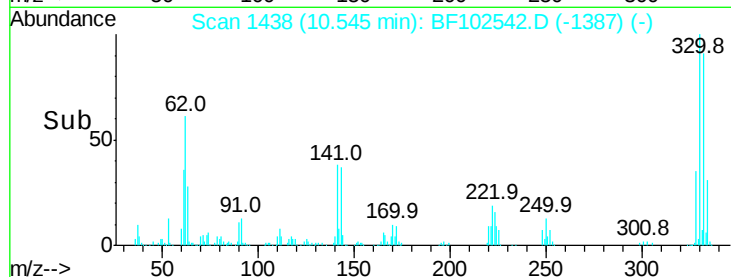
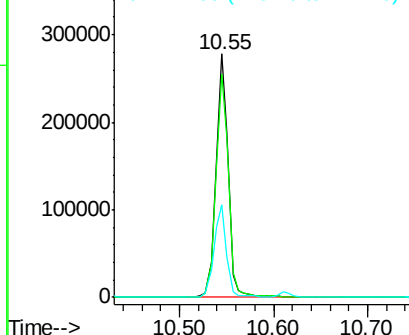
#41
 2,4,6-Tribromophenol
 Concen: 83.361 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	39.1	29.9	44.9

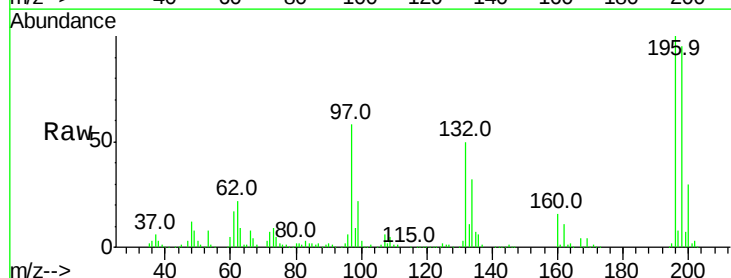


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

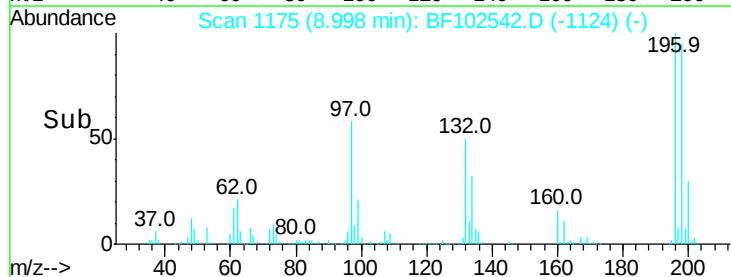
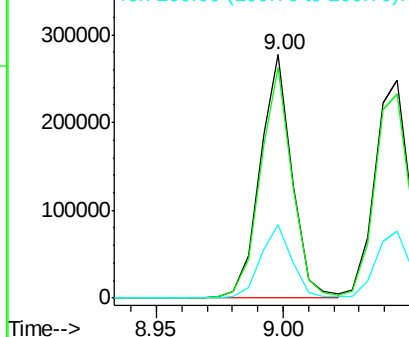


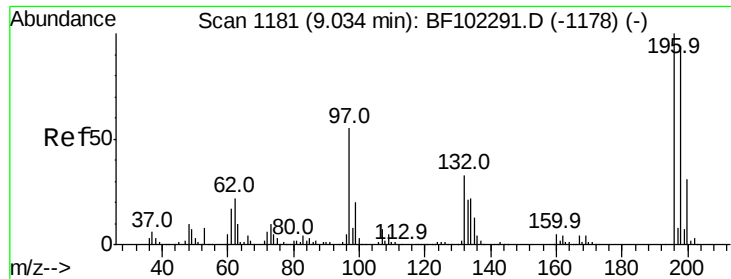
#42
 2,4,6-Trichlorophenol
 Concen: 38.315 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.7	113.5
200	30.2	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

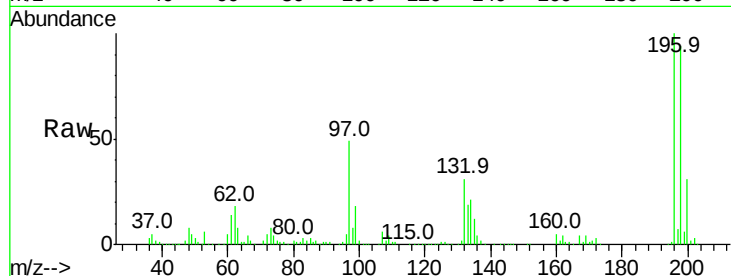




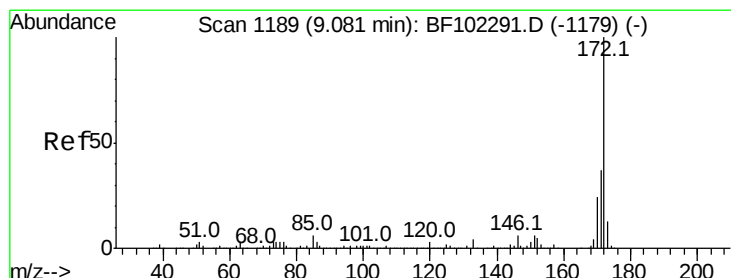
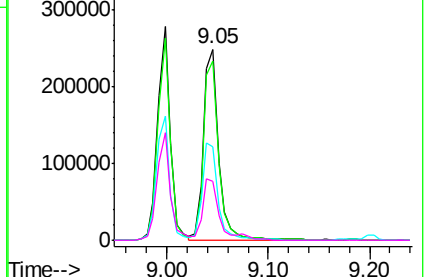
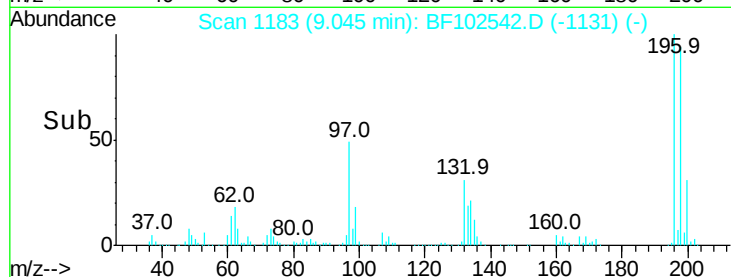
#43
 2,4,5-Trichlorophenol
 Concen: 36.453 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 258210
 Ion Ratio Lower Upper
 196 100
 198 93.8 74.6 112.0
 97 48.9 42.9 64.3
 132 31.1 26.3 39.5

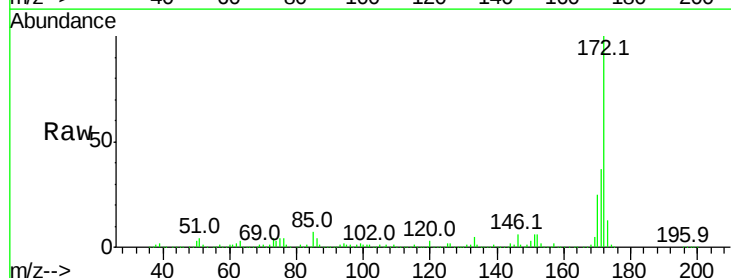


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

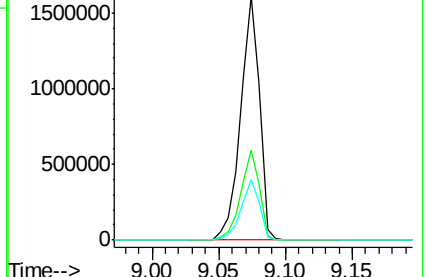
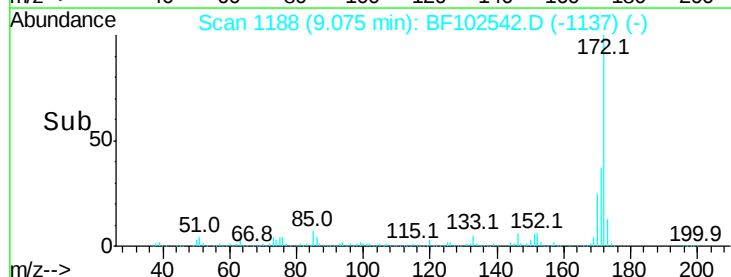


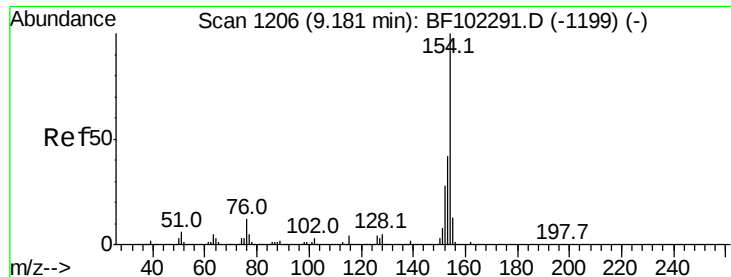
#44
 2-Fluorobiphenyl
 Concen: 74.469 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

Tgt Ion:172 Resp: 1582014
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.8 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: 36.955 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :

BNA_F

ClientSampleId :

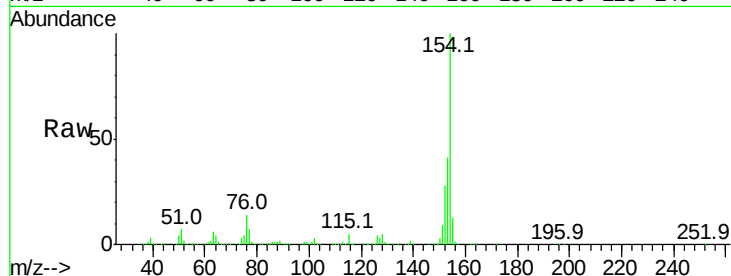
Tot Ion:154 Resp: 1032172

Ion Ratio Lower Upper

154 100

153 41.5 21.3 61.3

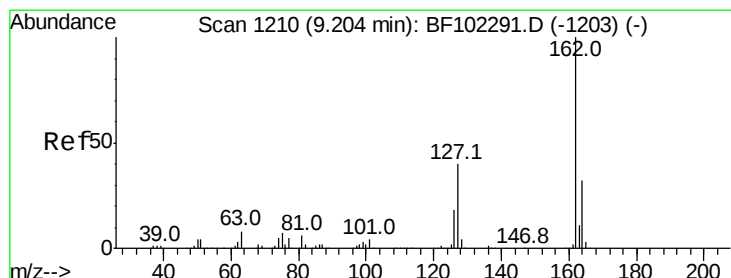
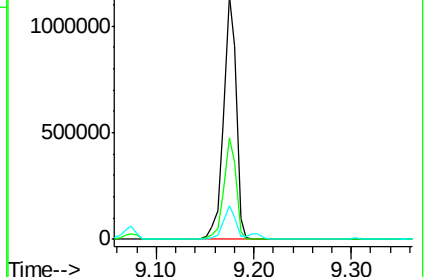
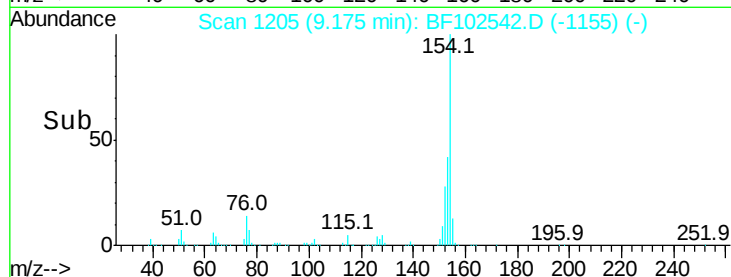
76 14.1 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 36.364 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

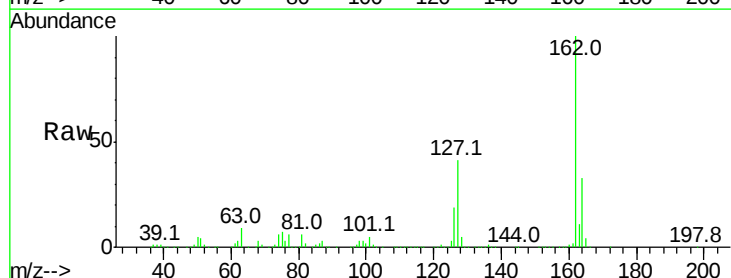
Tgt Ion:162 Resp: 789450

Ion Ratio Lower Upper

162 100

127 41.0 33.9 50.9

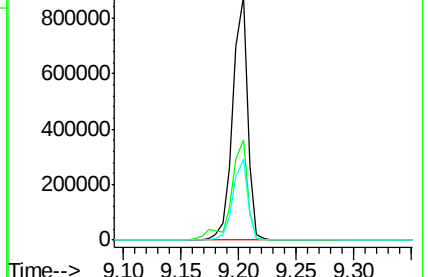
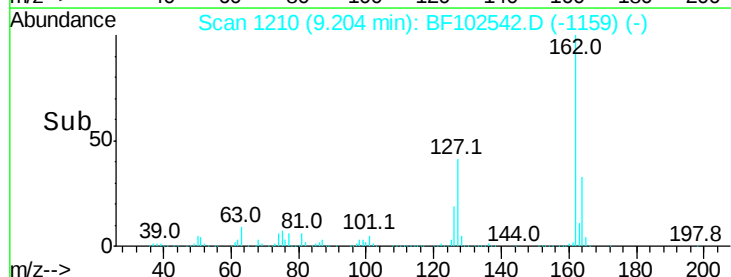
164 33.4 26.5 39.7

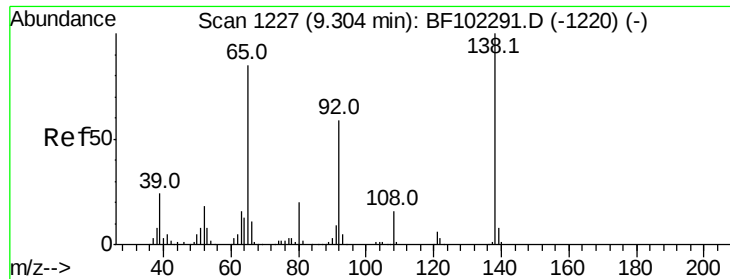


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.952 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :

BNA_F

ClientSampleId :

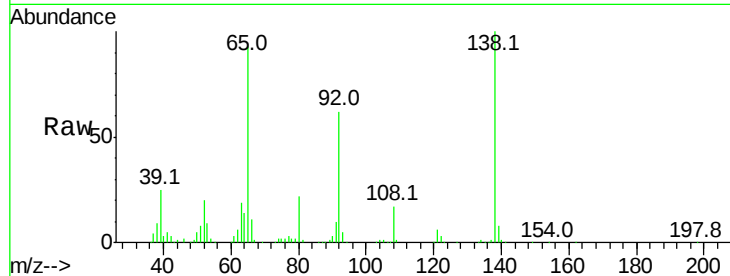
Tot Ion: 65 Resp: 283943

Ion Ratio Lower Upper

65 100

92 66.7 55.8 83.6

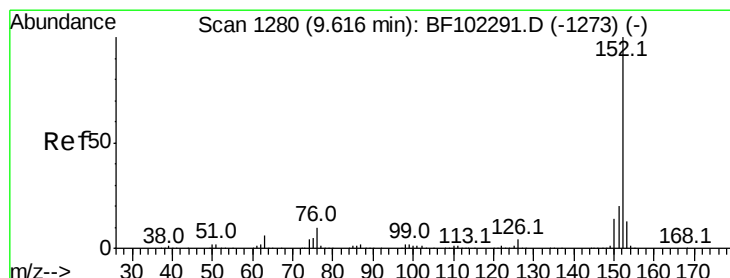
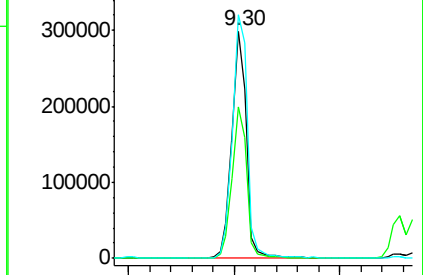
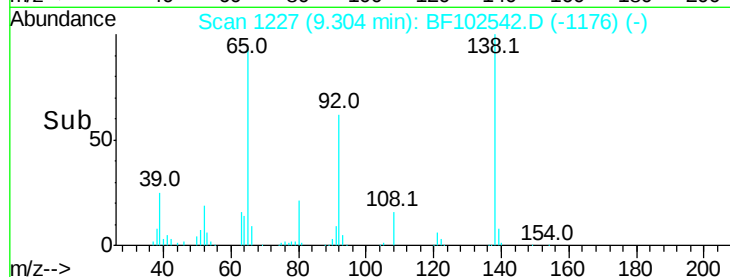
138 107.0 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 34.778 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

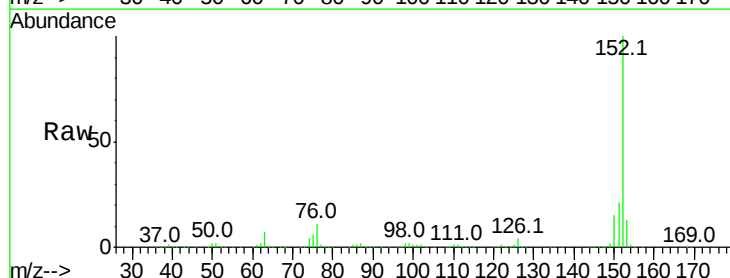
Tgt Ion: 152 Resp: 1176269

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

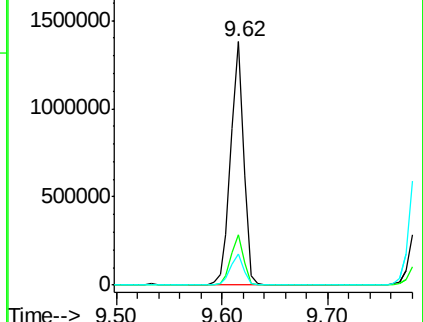
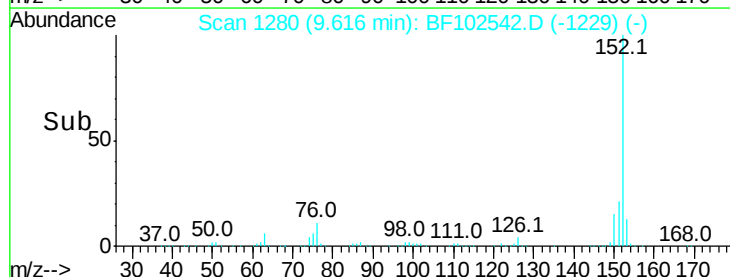
153 12.8 10.7 16.1

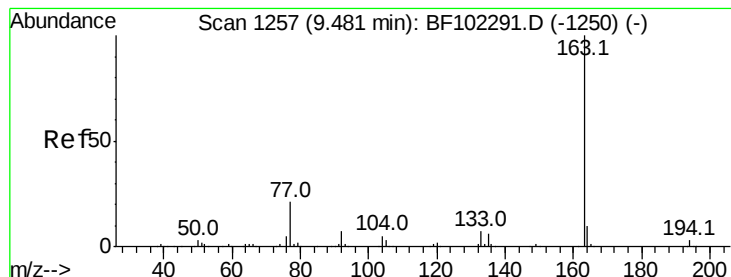


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 37.589 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :

BNA_F

ClientSampled :

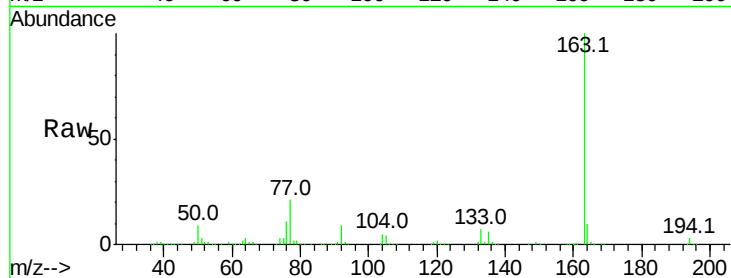
Tot Ion:163 Resp: 970482

Ion Ratio Lower Upper

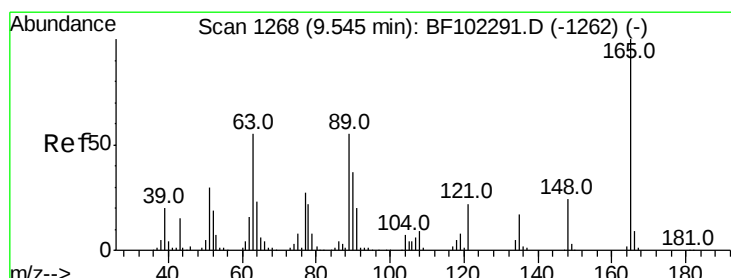
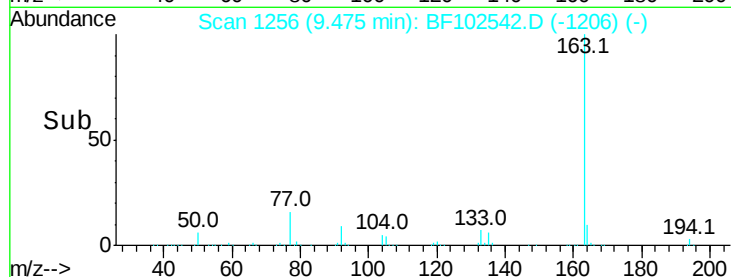
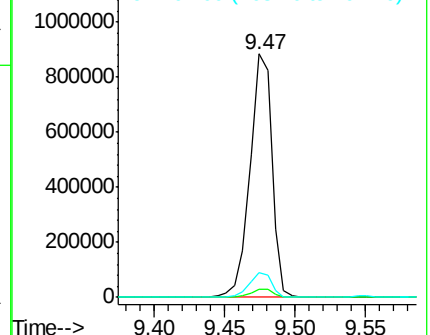
163 100

194 3.4 2.7 4.1

164 10.3 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 35.895 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

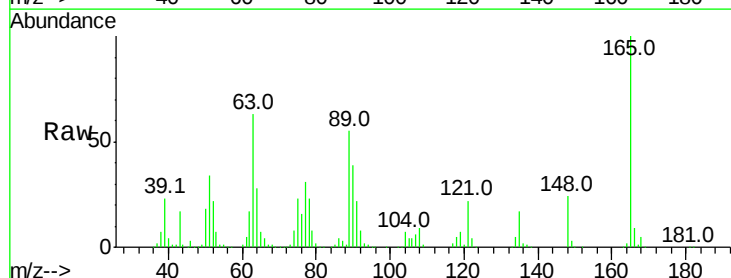
Tgt Ion:165 Resp: 199810

Ion Ratio Lower Upper

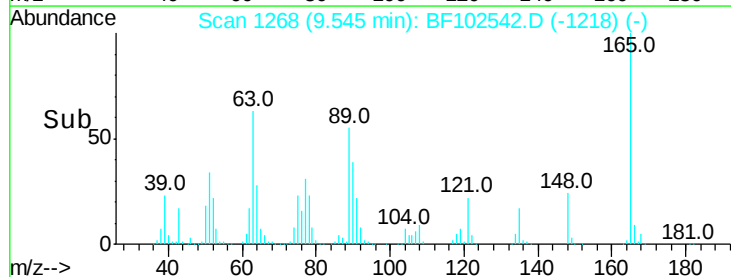
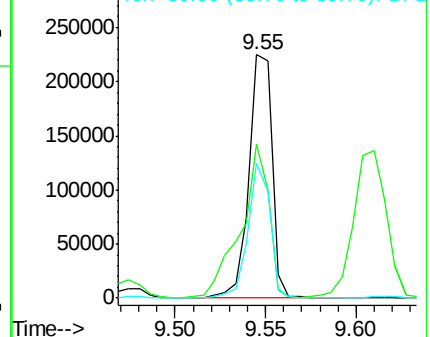
165 100

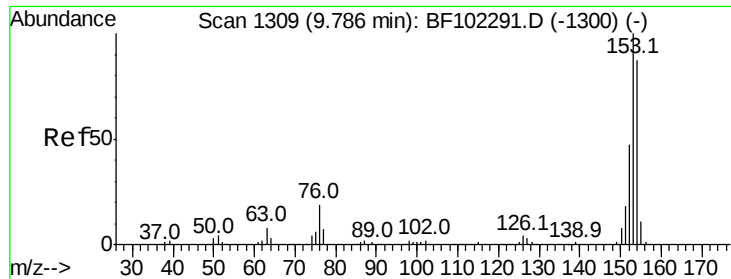
63 63.4 44.7 67.1

89 55.1 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: 35.011 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :

BNA_F

ClientSampleId :

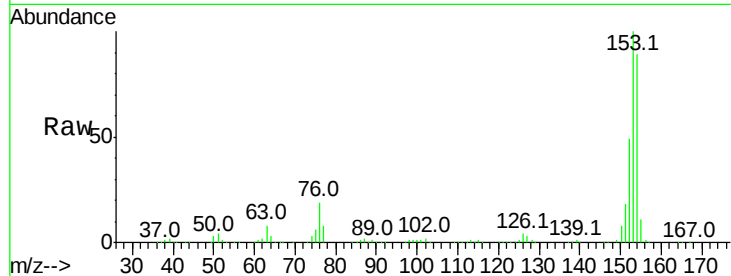
Tot Ion:154 Resp: 691574

Ion Ratio Lower Upper

154 100

153 112.2 91.2 136.8

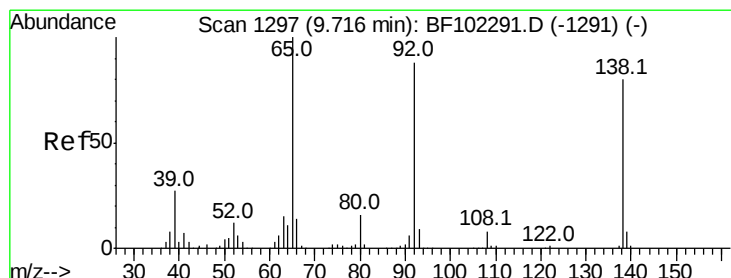
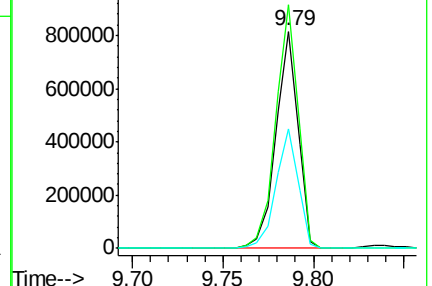
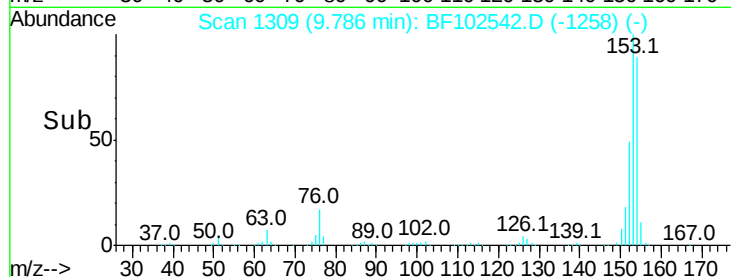
152 54.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.357 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

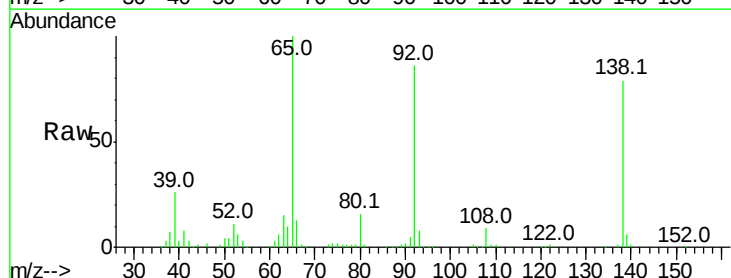
Tgt Ion:138 Resp: 153805

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

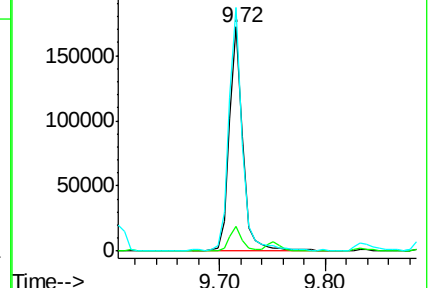
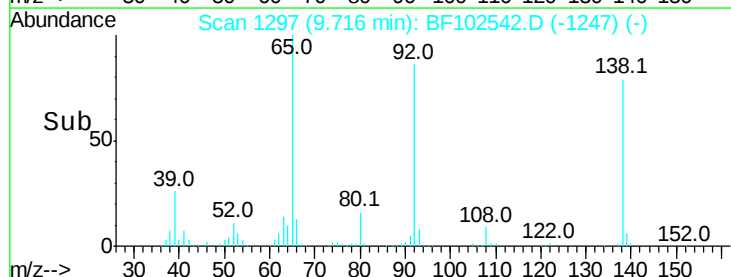
92 108.7 89.4 134.2

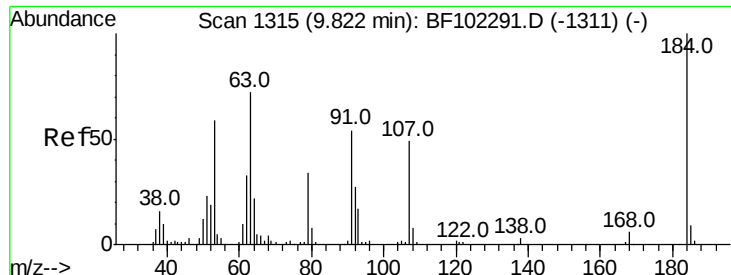


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

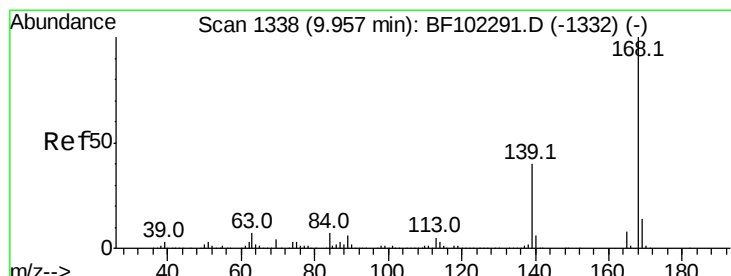
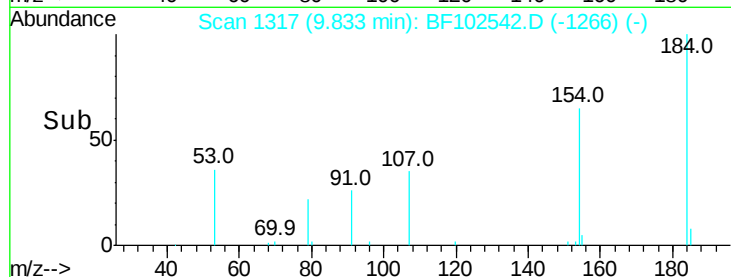
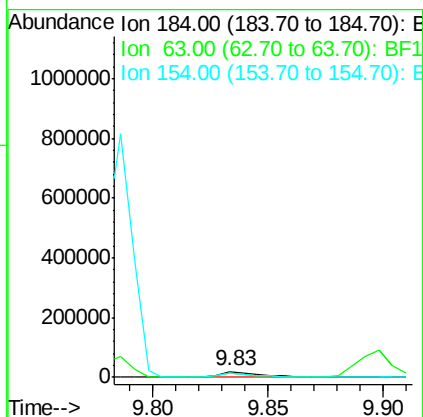
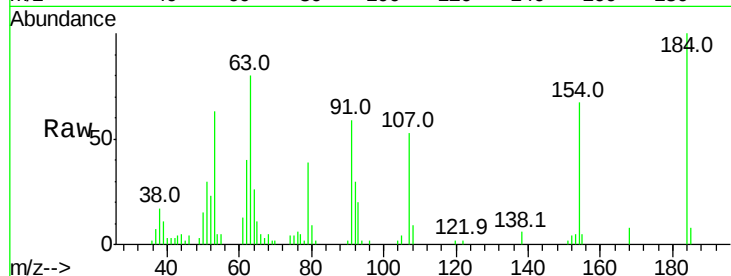




#53
 2,4-Dinitrophenol
 Concen: 13.007 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

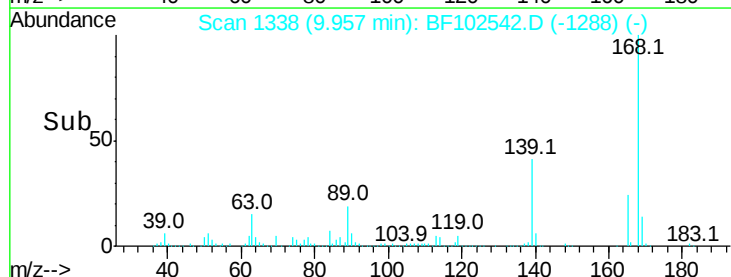
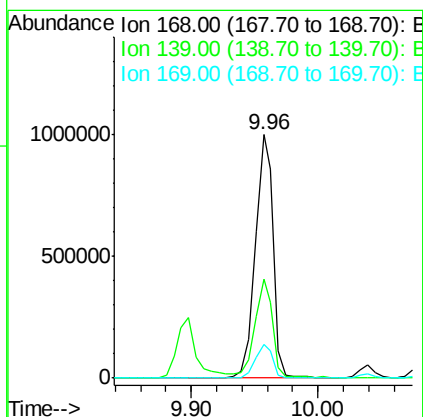
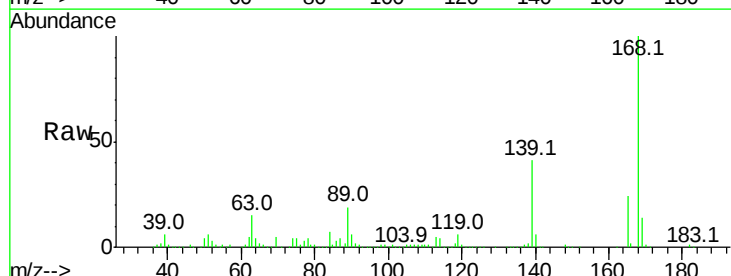
Instrument :
 BNA_F
 ClientSampleId :

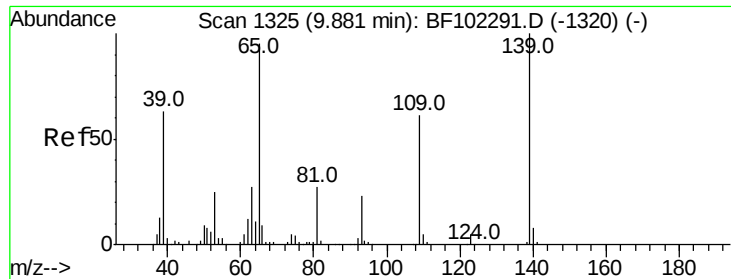
Tot Ion:184 Resp: 24381
 Ion Ratio Lower Upper
 184 100
 63 79.9 54.2 81.2
 154 67.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 37.132 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

Tgt Ion:168 Resp: 992659
 Ion Ratio Lower Upper
 168 100
 139 40.9 30.1 45.1
 169 13.7 10.9 16.3





#55

4-Nitrophenol

Concen: 62.649 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :
BNA_F
ClientSampled :

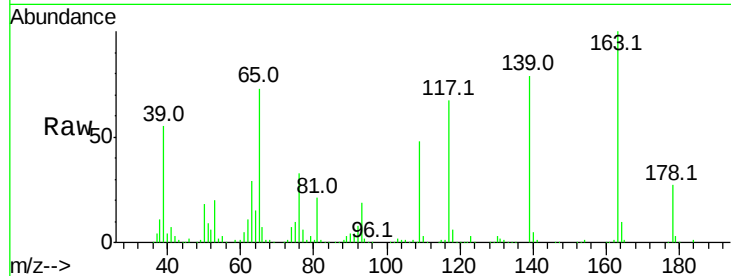
Tot Ion:139 Resp: 272323

Ion Ratio Lower Upper

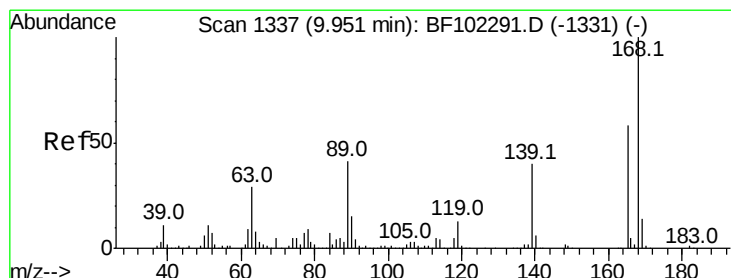
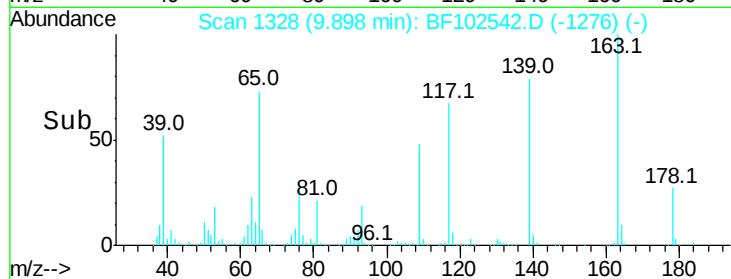
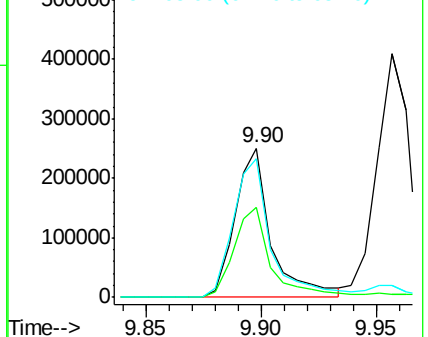
139 100

109 60.1 48.4 88.4

65 92.5 72.6 112.6



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



#56

2,4-Dinitrotoluene

Concen: 31.949 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Tgt Ion:165 Resp: 218700

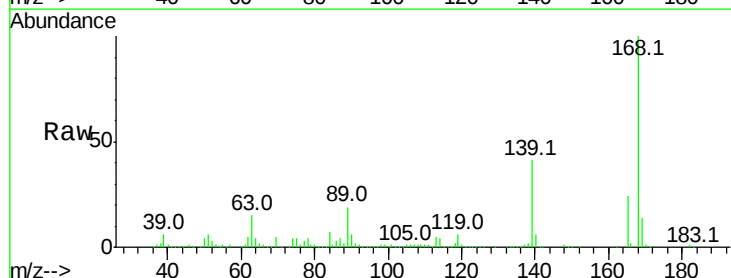
Ion Ratio Lower Upper

165 100

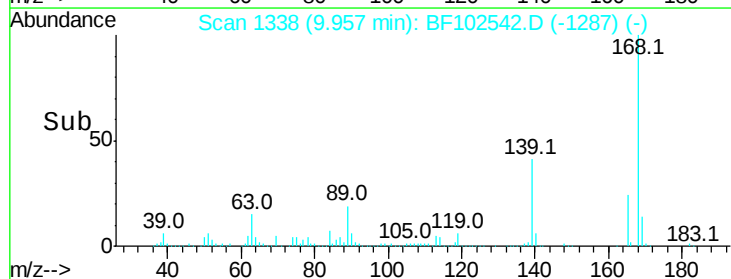
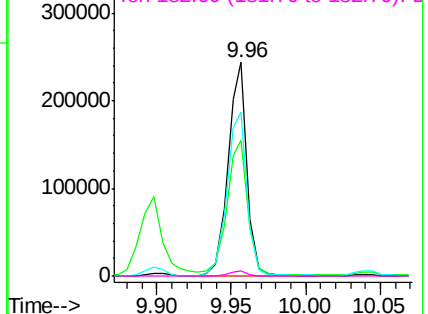
63 63.6 36.4 54.6#

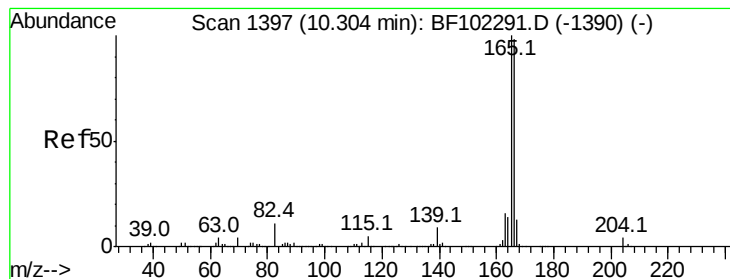
89 76.8 57.8 86.6

182 2.3 1.6 2.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.303 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :

BNA_F

ClientSampled :

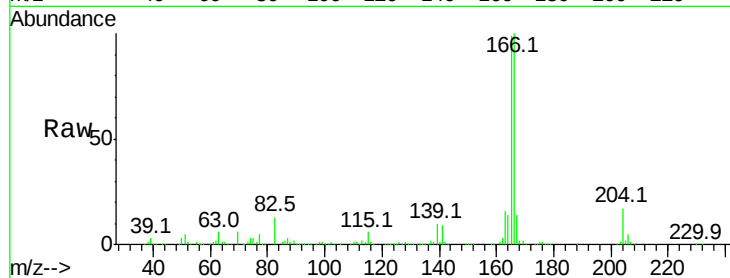
Tot Ion:166 Resp: 769029

Ion Ratio Lower Upper

166 100

165 99.5 79.8 119.8

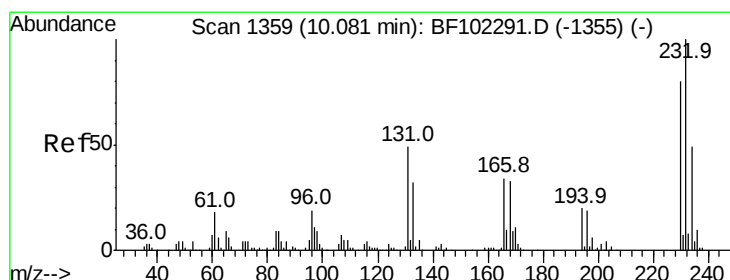
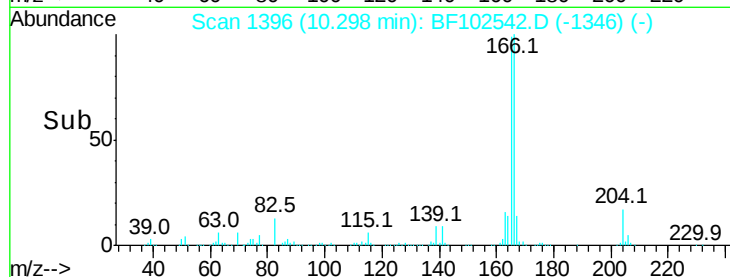
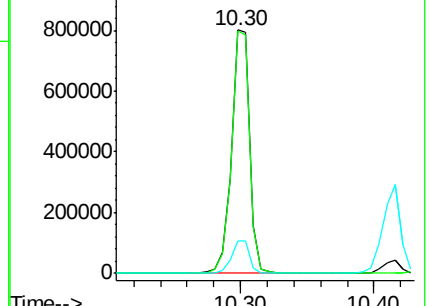
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.280 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Tgt Ion:232 Resp: 178429

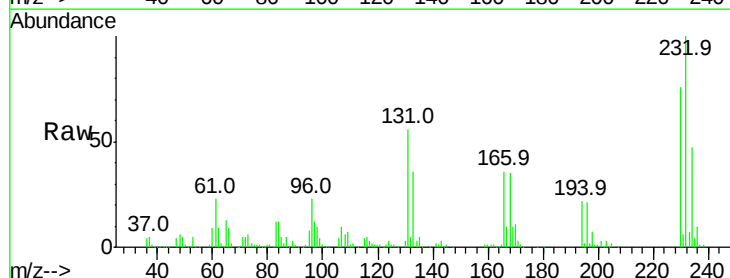
Ion Ratio Lower Upper

232 100

131 52.8 43.8 65.8

130 2.6 2.1 3.1

166 34.5 27.8 41.6

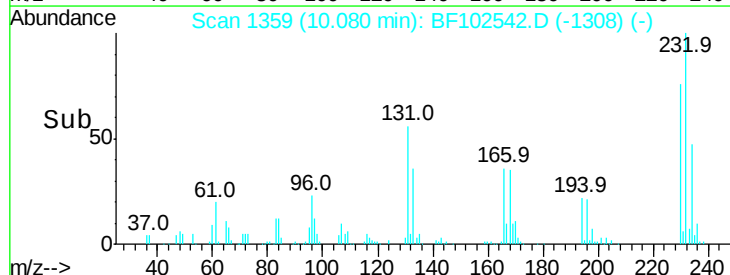
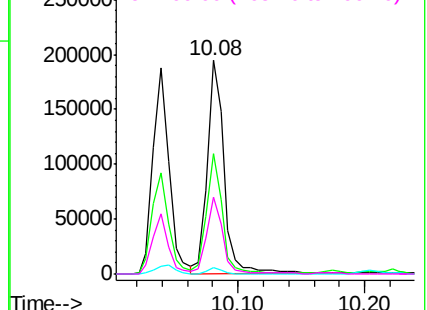


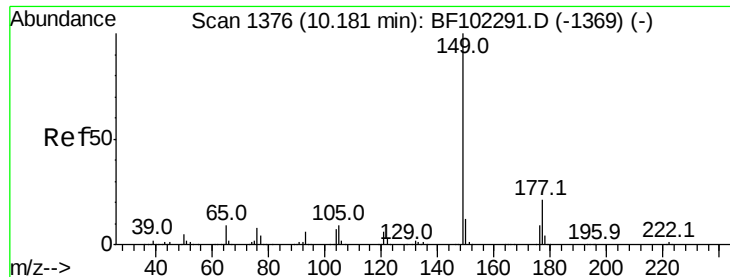
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.388 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :

BNA_F

ClientSampled :

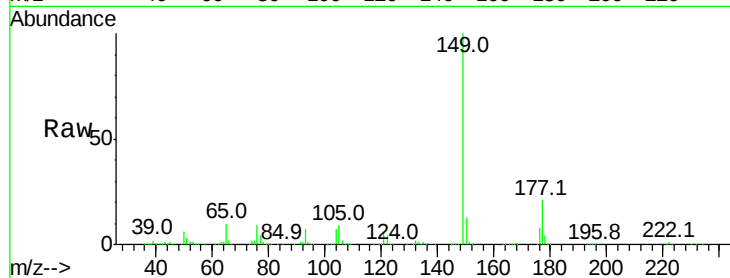
Tot Ion:149 Resp: 912944

Ion Ratio Lower Upper

149 100

177 20.8 16.1 24.1

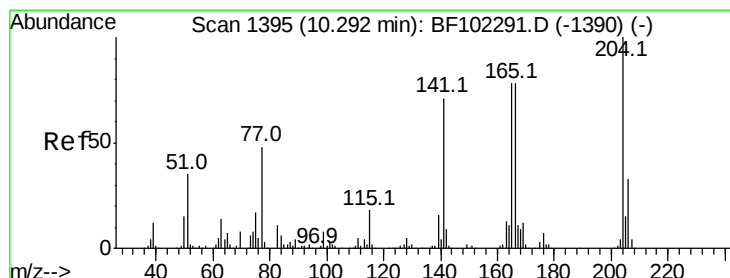
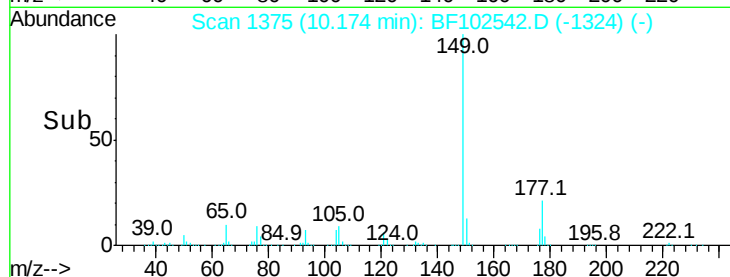
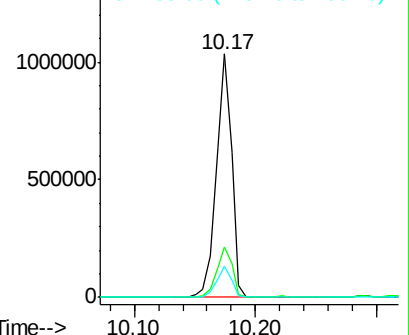
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.556 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

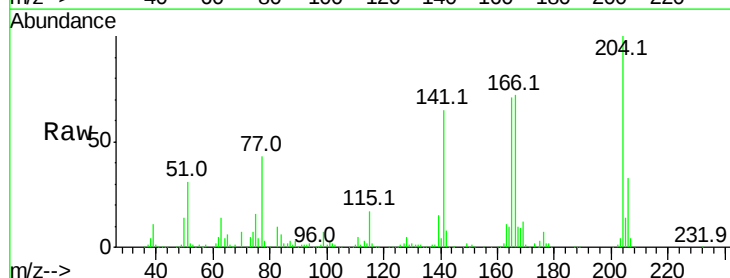
Tgt Ion:204 Resp: 344926

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

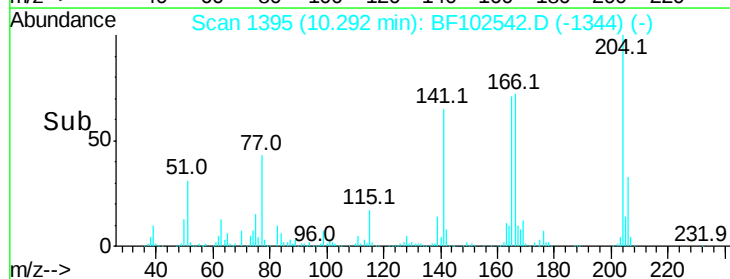
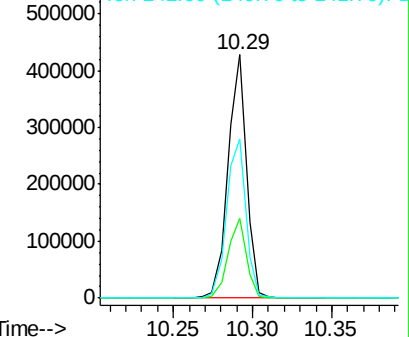
141 65.5 54.6 81.8

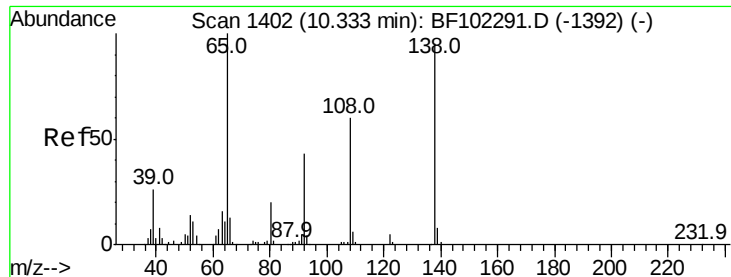


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.018 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :

BNA_F

ClientSampleId :

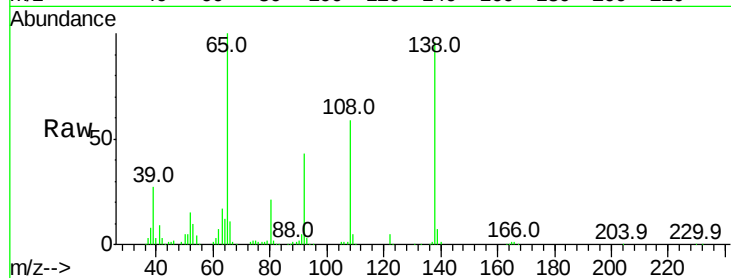
Tot Ion:138 Resp: 210387

Ion Ratio Lower Upper

138 100

92 44.9 30.2 70.2

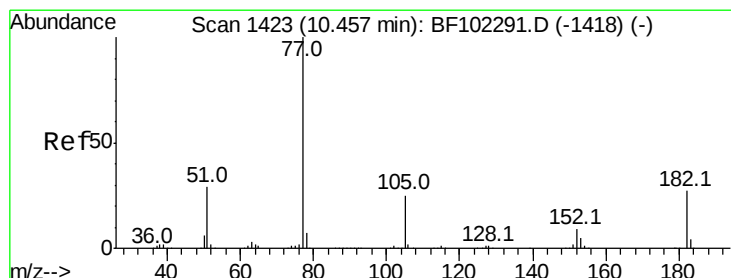
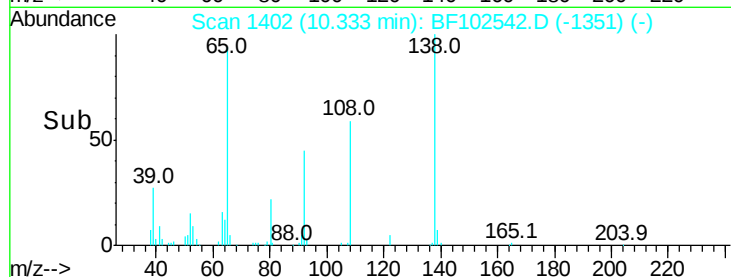
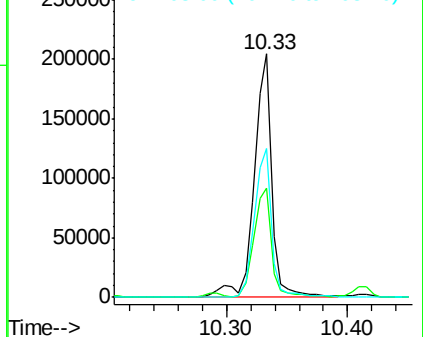
108 61.2 52.5 92.5



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: 37.343 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Tgt Ion: 77 Resp: 857808

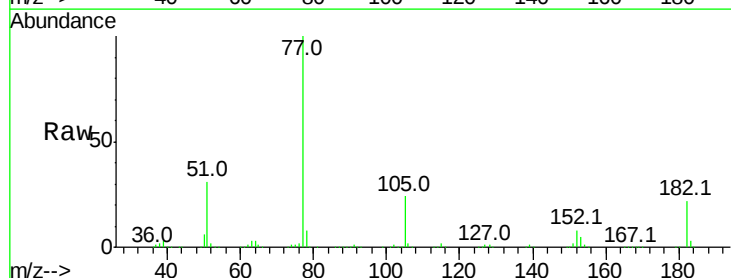
Ion Ratio Lower Upper

77 100

182 21.9 1.7 41.7

105 23.8 3.0 43.0

51 30.8 9.9 49.9

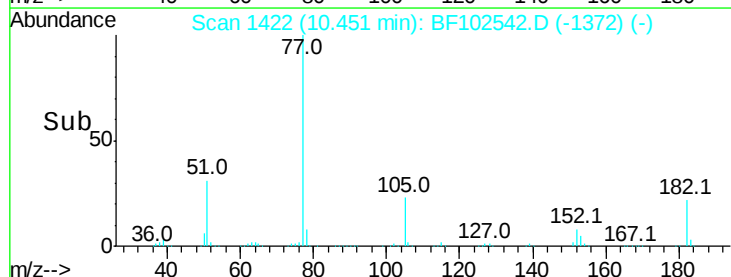
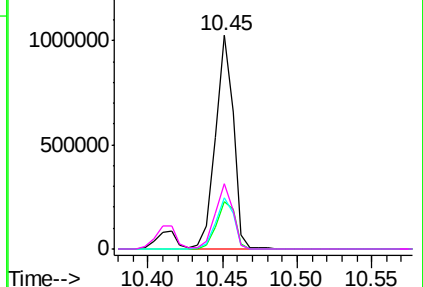


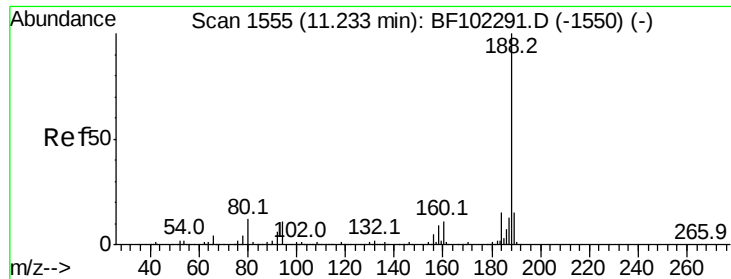
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

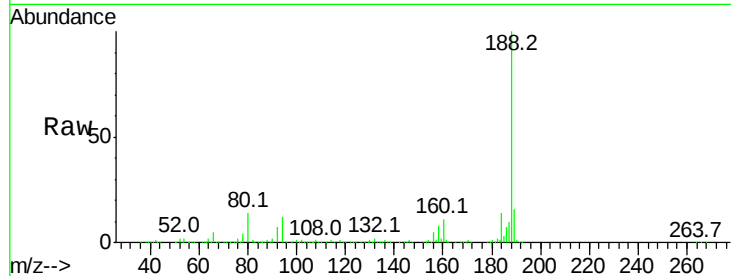




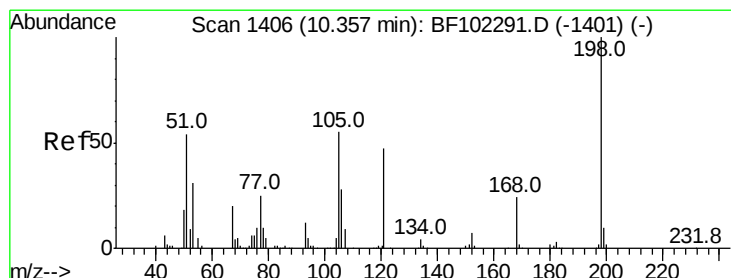
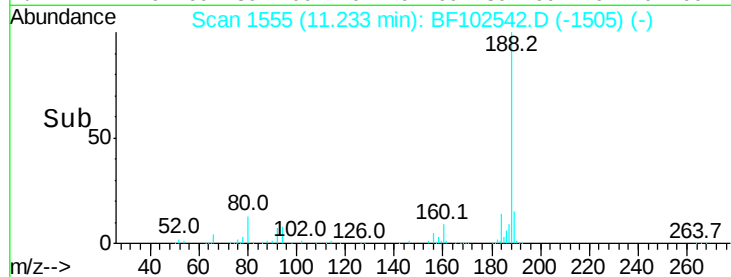
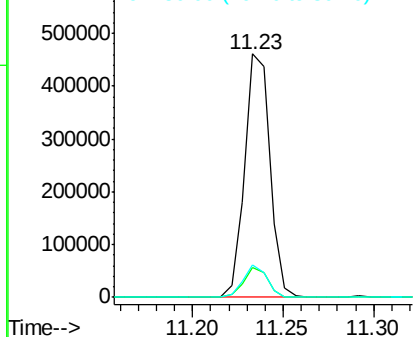
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102542.D
Acq: 28 Jan 2018 6:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 448266
Ion Ratio Lower Upper
188 100
94 12.4 8.5 12.7
80 13.5 9.2 13.8

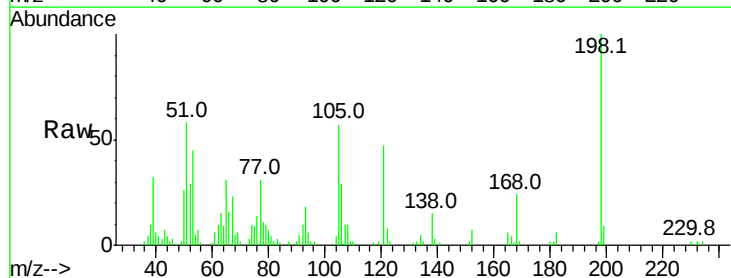


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

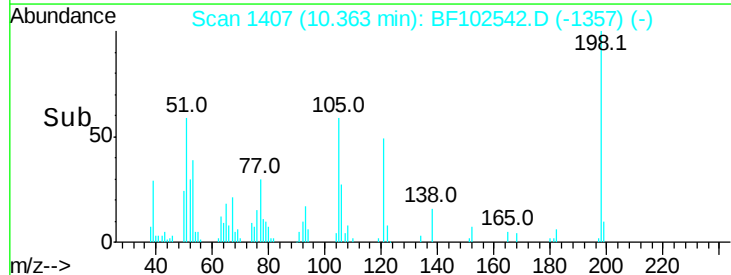
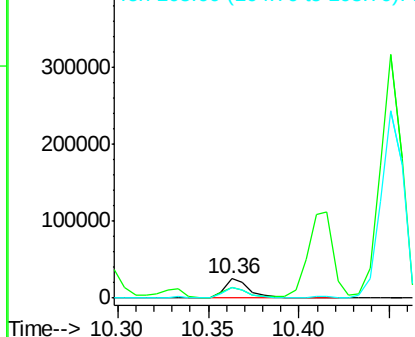


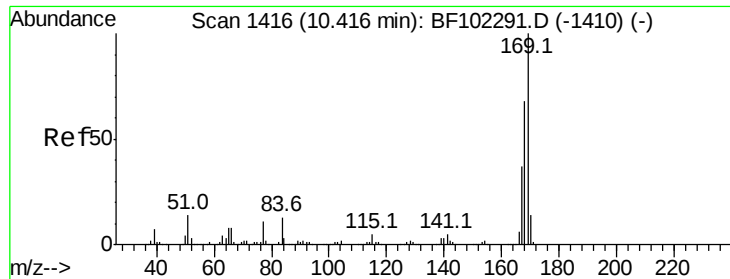
#64
4,6-Dinitro-2-methylphenol
Concen: 7.907 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF102542.D
Acq: 28 Jan 2018 6:35

Tgt Ion:198 Resp: 23646
Ion Ratio Lower Upper
198 100
51 57.9 37.7 77.7
105 56.5 36.3 76.3



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

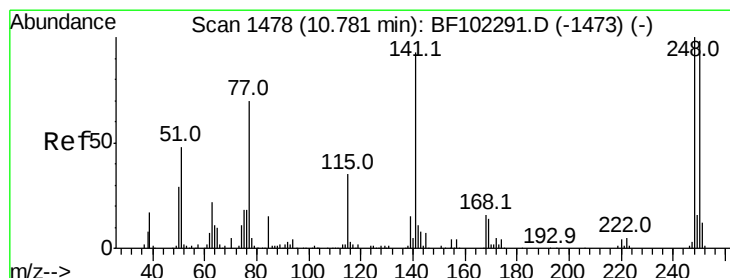
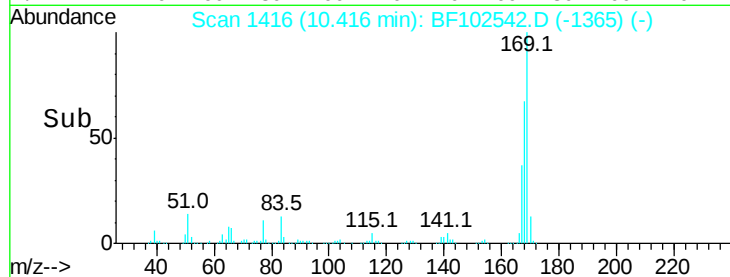
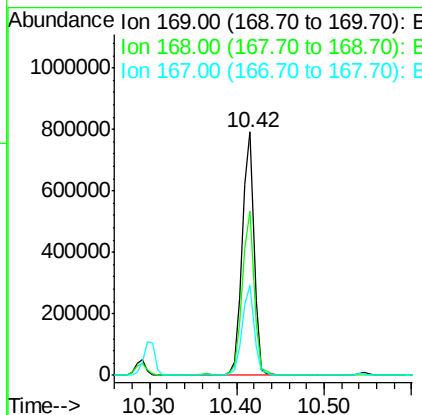
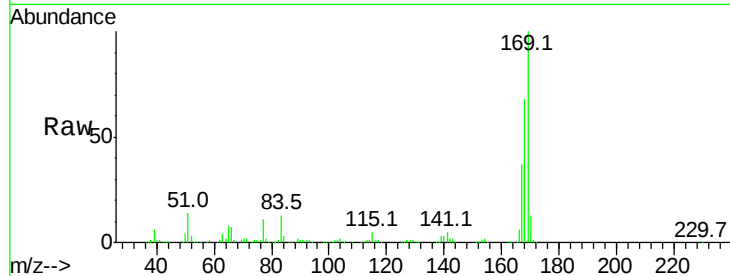




#65
 n-Nitrosodiphenylamine
 Concen: 43.155 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

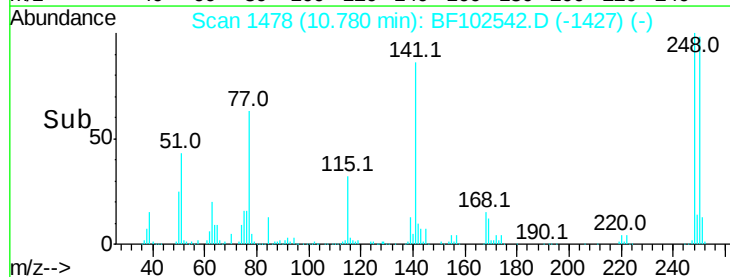
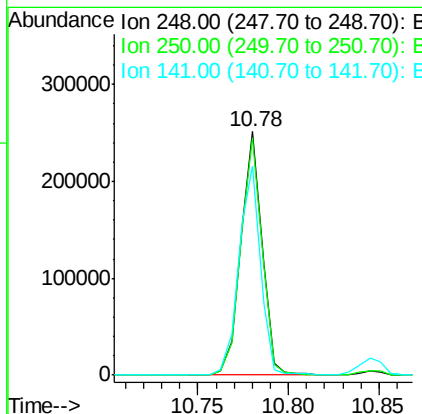
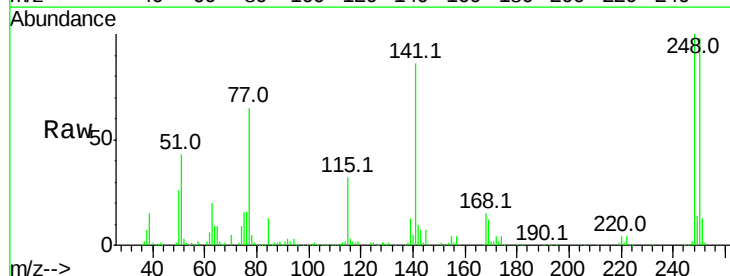
Instrument :
 BNA_F
 ClientSampleId :

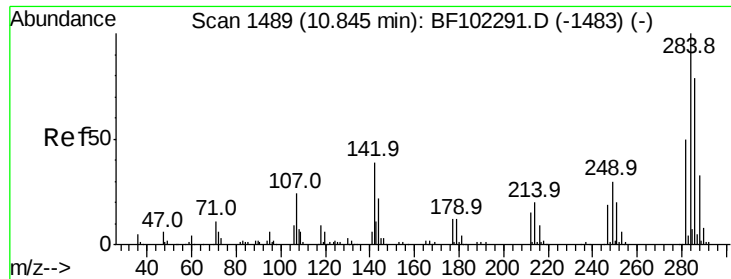
Tot Ion:169 Resp: 710037
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.4 81.6
 167 37.0 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.232 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

Tgt Ion:248 Resp: 203794
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.9 115.3
 141 85.8 74.4 111.6

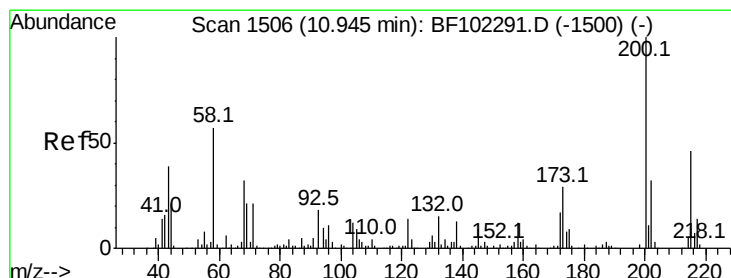
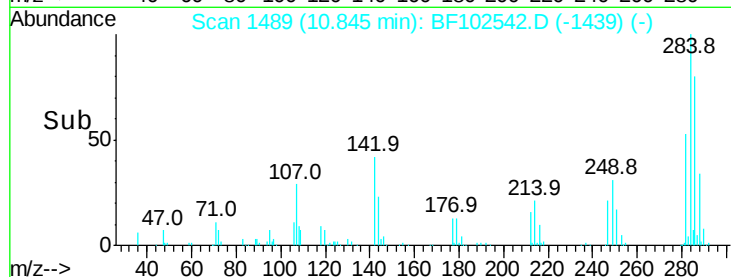
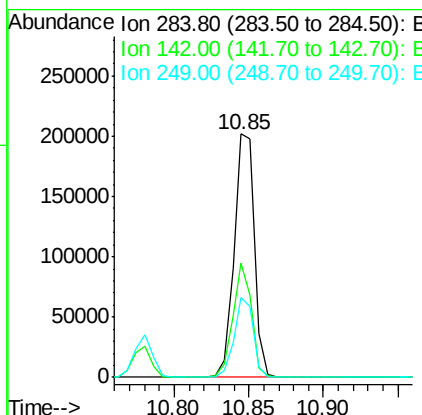
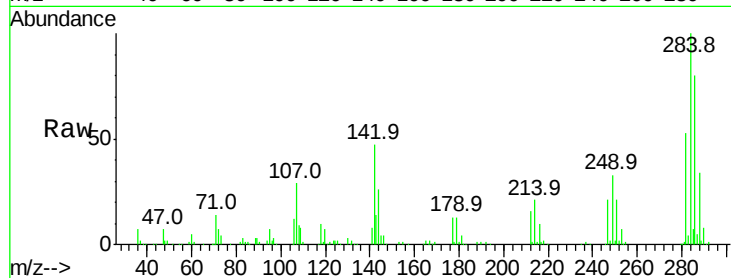




#67
Hexachlorobenzene
Concen: 35.832 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF102542.D
Acq: 28 Jan 2018 6:35

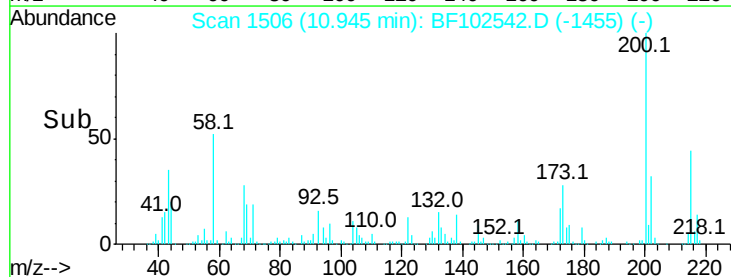
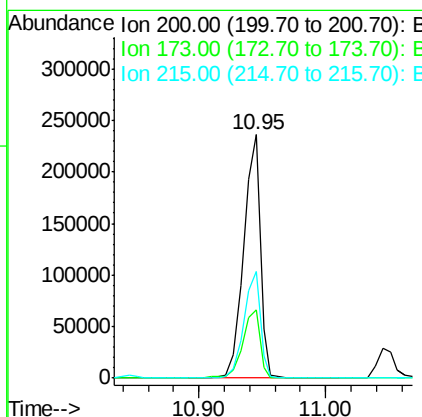
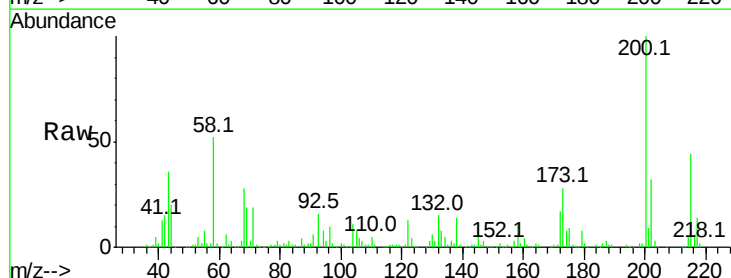
Instrument :
BNA_F
ClientSampled :

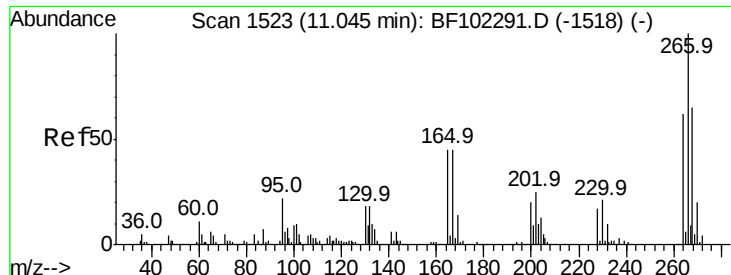
Tot Ion:284 Resp: 193380
Ion Ratio Lower Upper
284 100
142 46.9 34.6 52.0
249 32.7 24.8 37.2



#68
Atrazine
Concen: 43.751 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF102542.D
Acq: 28 Jan 2018 6:35

Tgt Ion:200 Resp: 212604
Ion Ratio Lower Upper
200 100
173 27.8 8.6 48.6
215 43.7 25.1 65.1

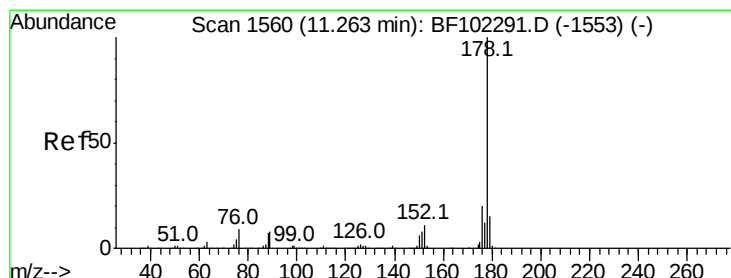
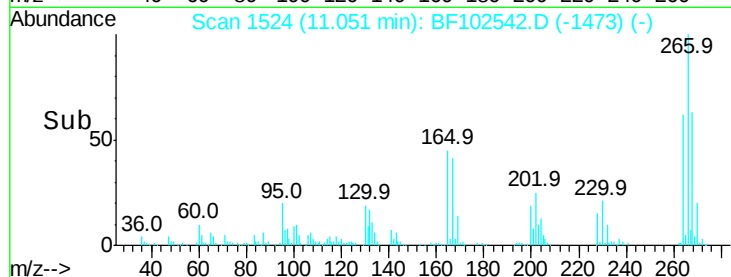
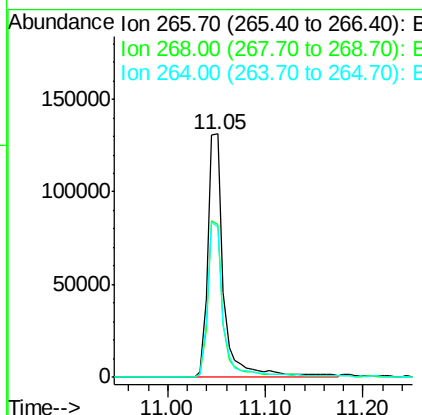
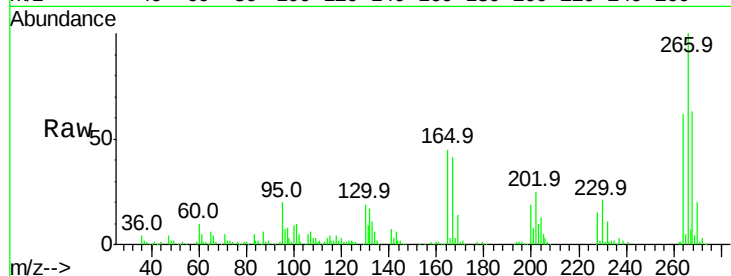




#69
 Pentachlorophenol
 Concen: 53.114 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.00 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

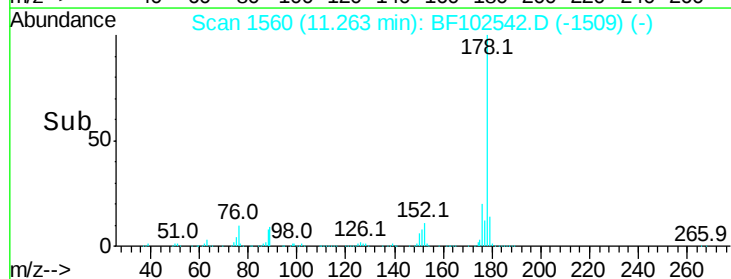
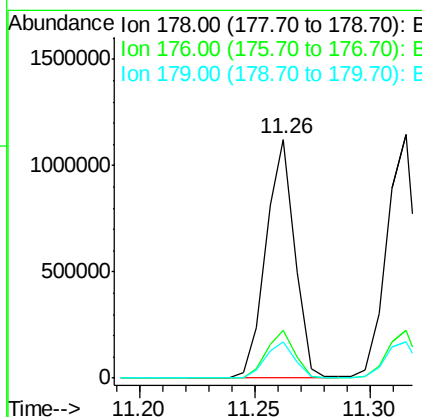
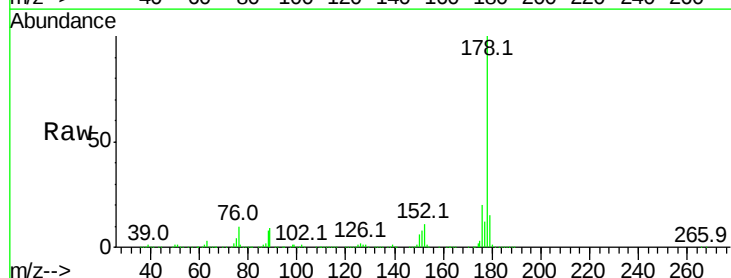
Instrument :
 BNA_F
 ClientSampleId :

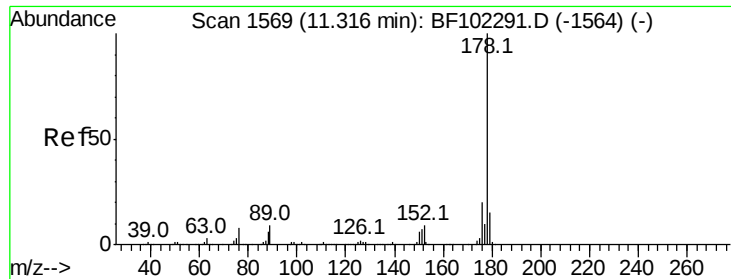
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.1	76.7
264	61.9	49.5	74.3



#70
 Phenanthrene
 Concen: 37.322 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.4	13.0	19.6

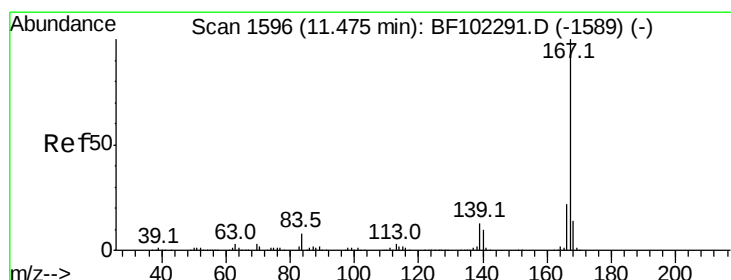
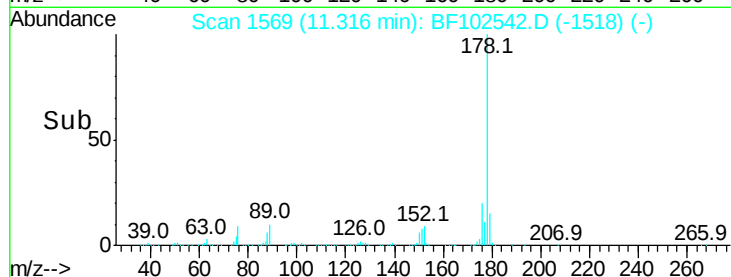
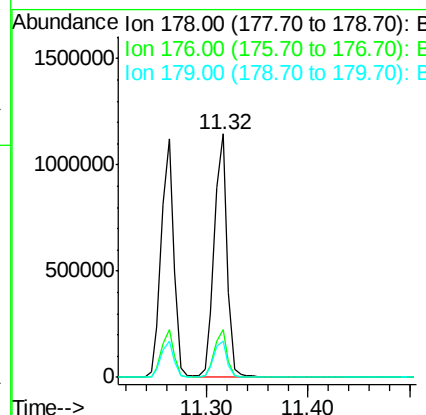
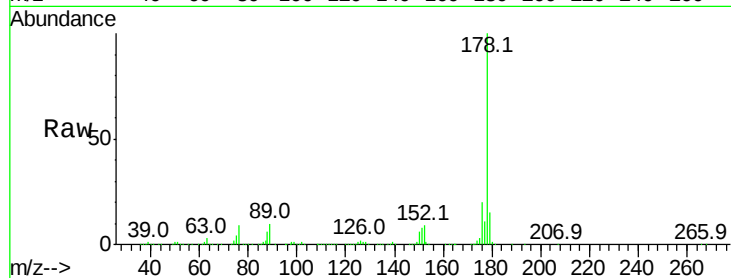




#71
 Anthracene
 Concen: 38.148 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

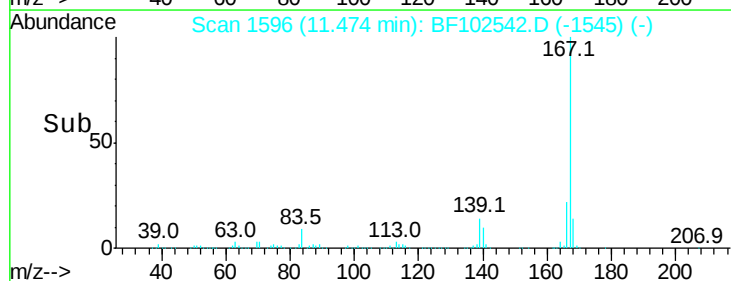
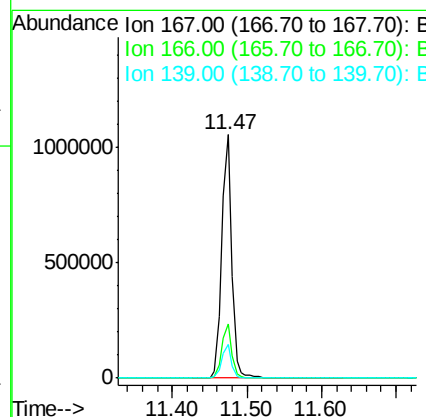
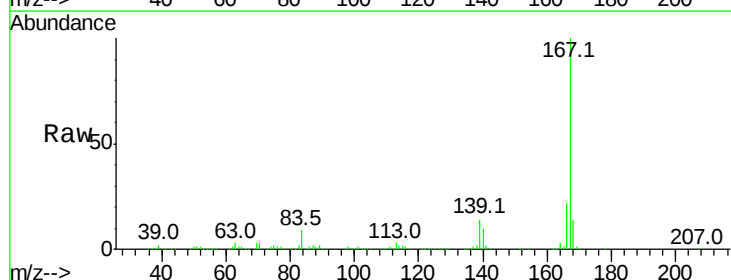
Instrument :
 BNA_F
 ClientSampleId :

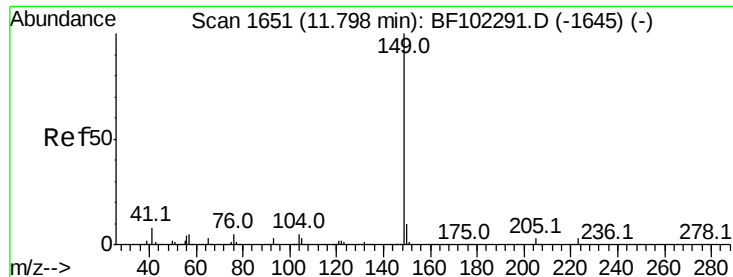
Tot Ion:178 Resp: 1017097
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 37.298 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

Tgt Ion:167 Resp: 970166
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.920 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :

BNA_F

ClientSampleId :

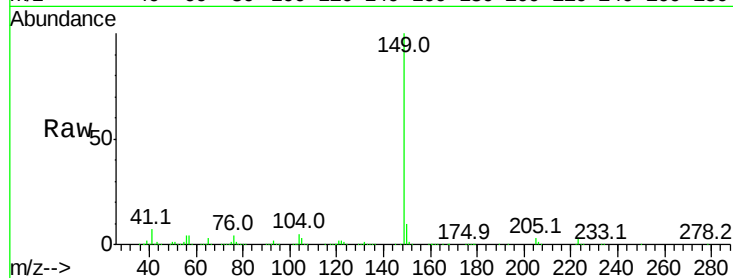
Tot Ion:149 Resp: 1330437

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

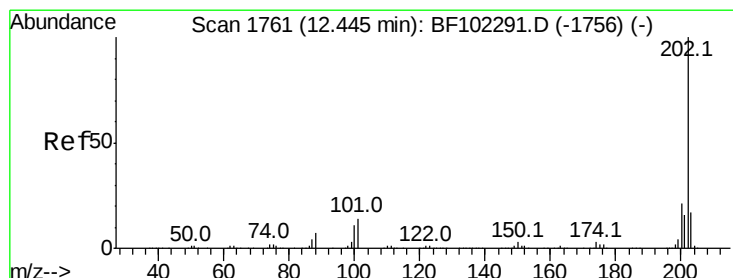
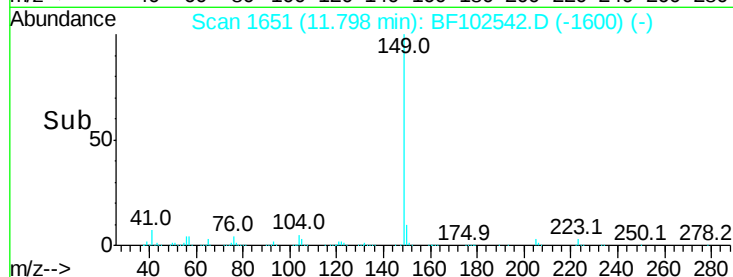
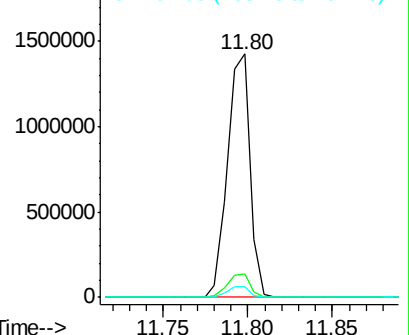
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.695 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

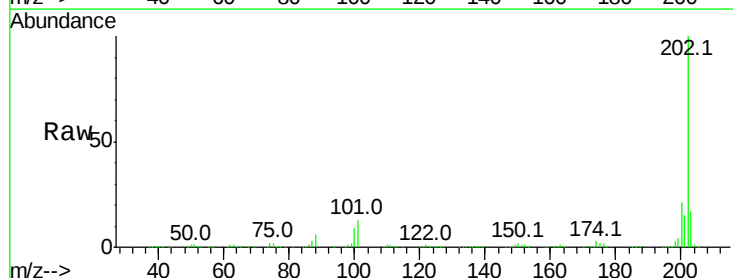
Tgt Ion:202 Resp: 897551

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

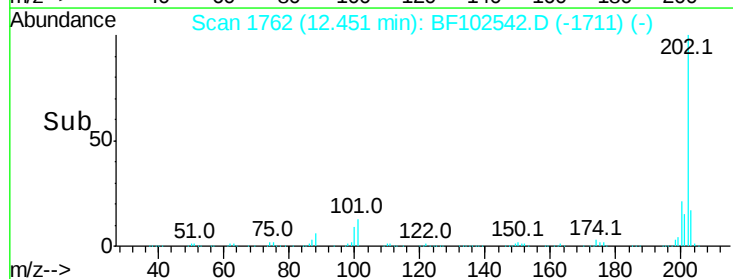
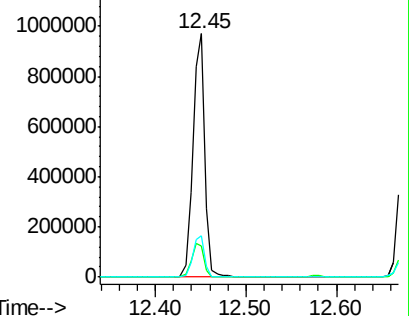
203 17.0 0.0 38.1

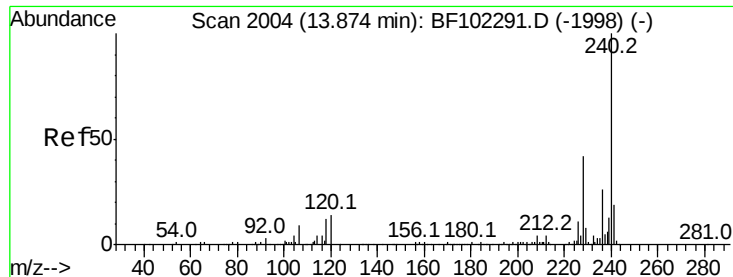


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :

BNA_F

ClientSampleId :

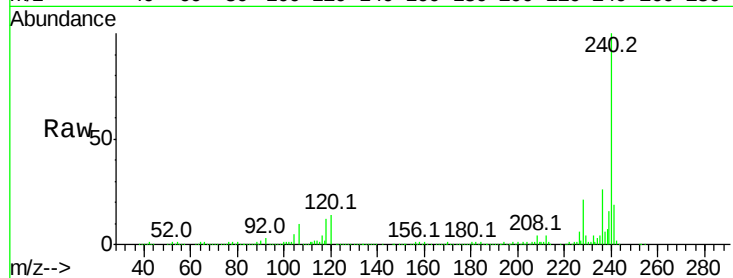
Tot Ion:240 Resp: 308791

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

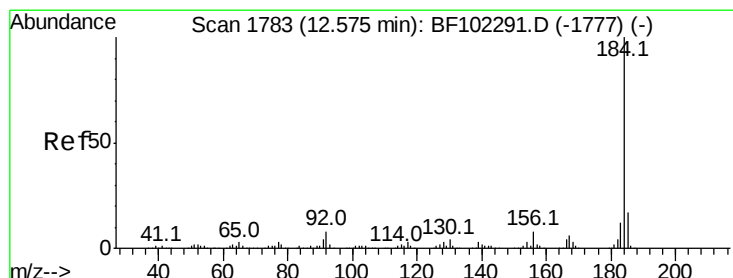
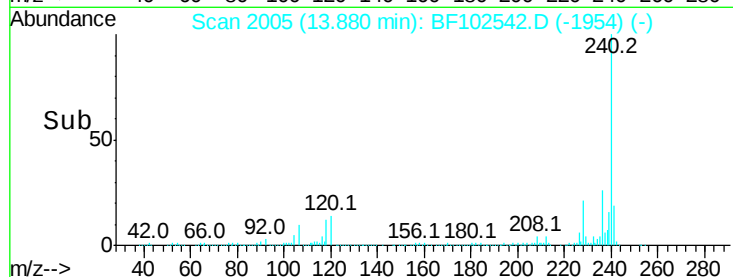
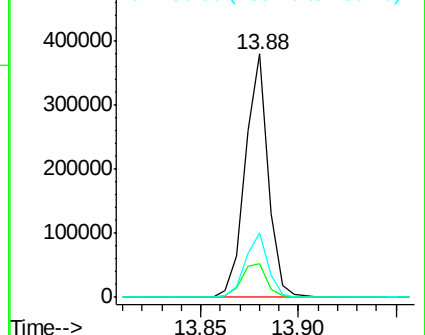
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 66.561 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

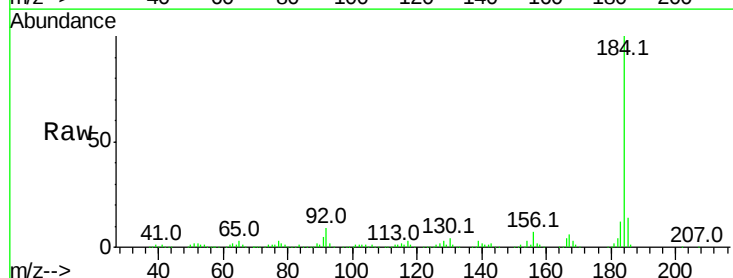
Tgt Ion:184 Resp: 690467

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

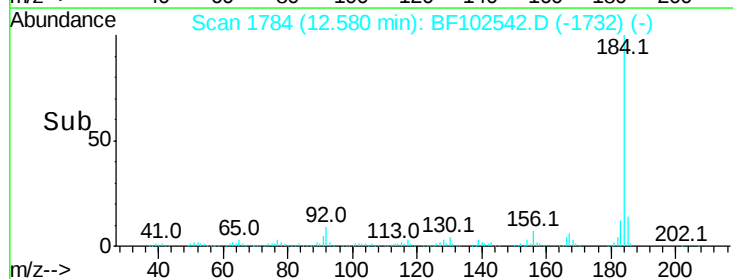
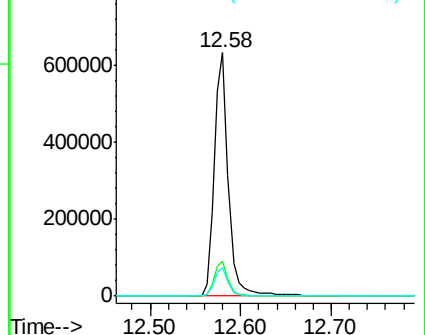
183 11.9 9.3 13.9

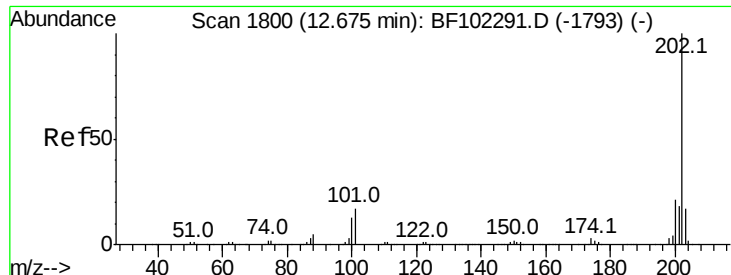


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

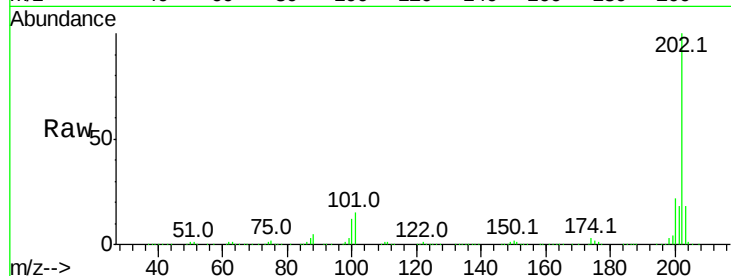




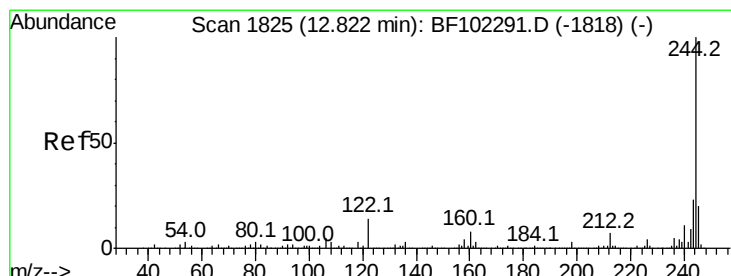
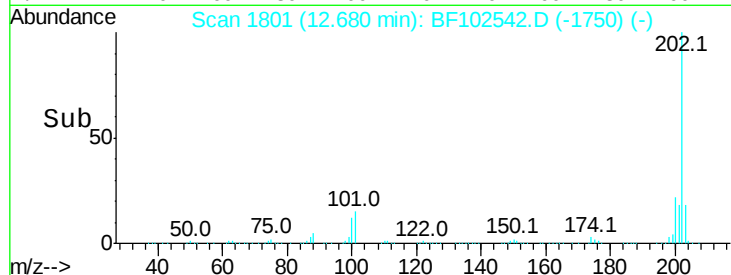
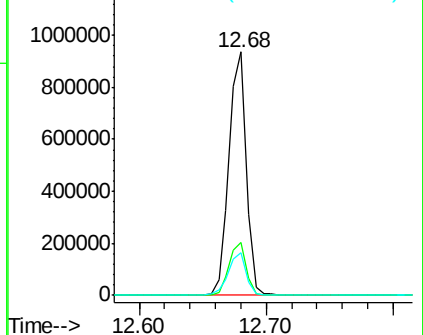
#77
 Pvrene
 Concen: 36.988 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 883079
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.4 26.2
 203 17.6 14.3 21.5

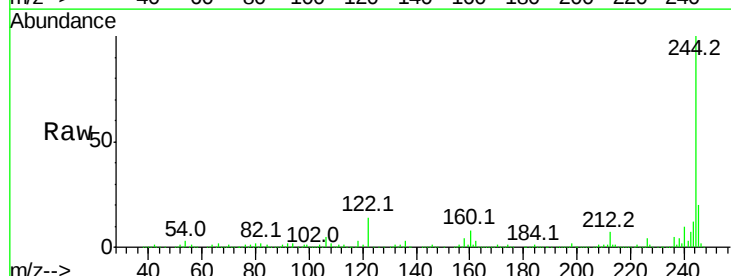


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

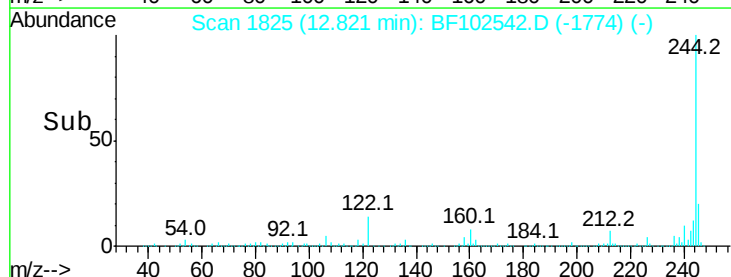
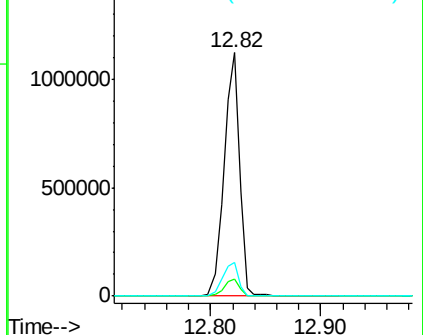


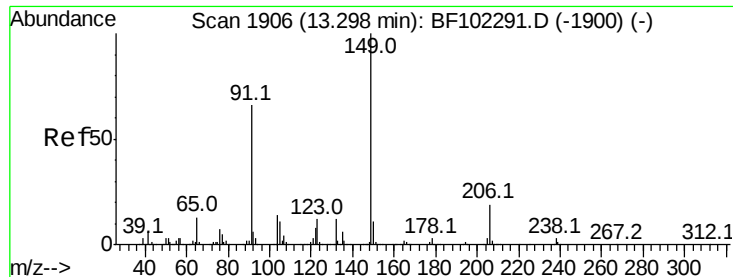
#78
 Terphenyl-d14
 Concen: 80.142 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

Tgt Ion:244 Resp: 1097749
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.6 11.0 16.4



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

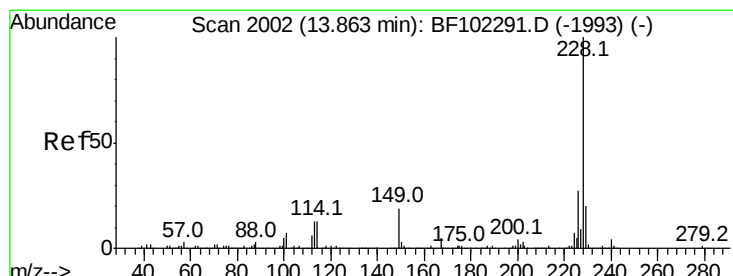
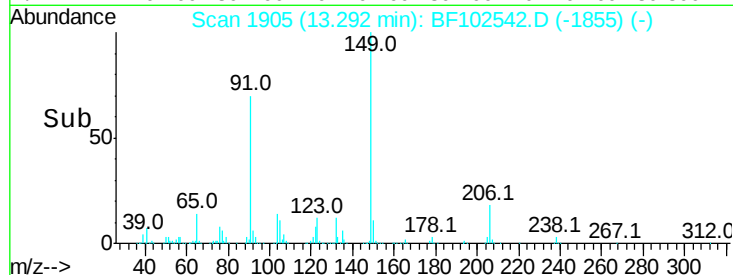
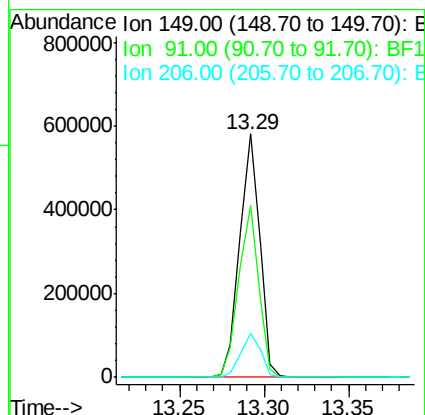
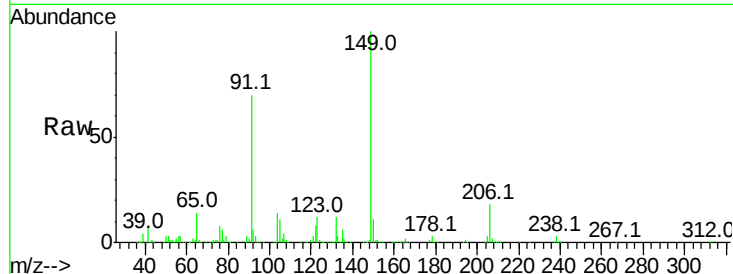




#79
Butylbenzylphthalate
Concen: 40.373 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF102542.D
Acq: 28 Jan 2018 6:35

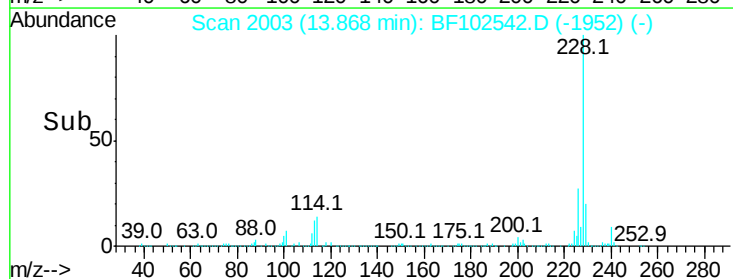
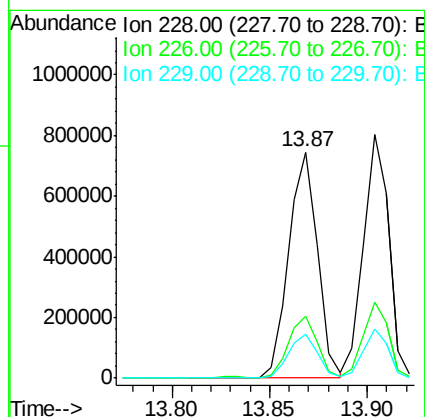
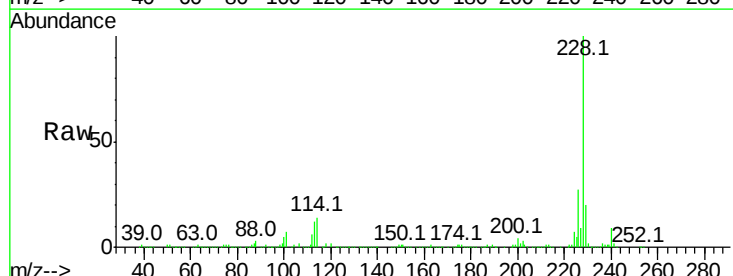
Instrument :
BNA_F
ClientSampleId :

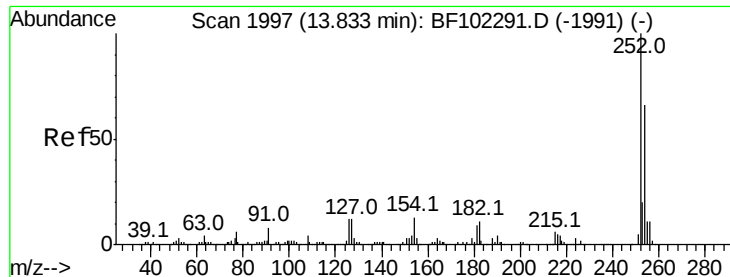
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.5	56.8	85.2
206	18.2	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.961 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF102542.D
Acq: 28 Jan 2018 6:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.6	15.8	23.6

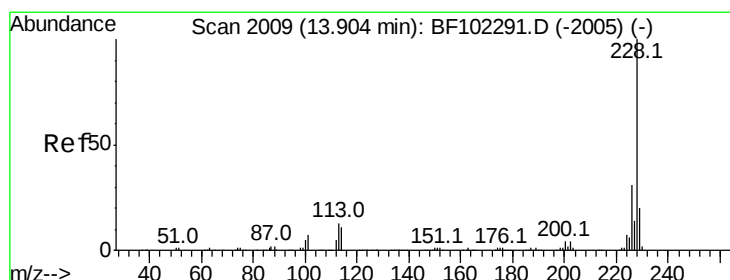
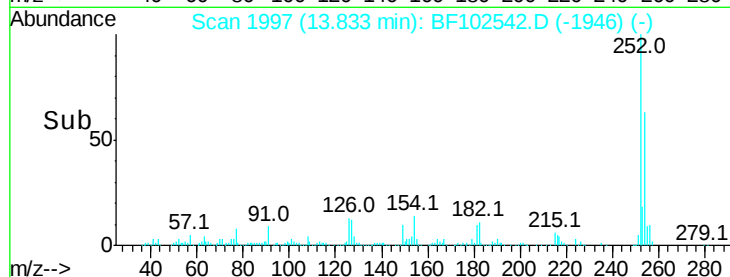
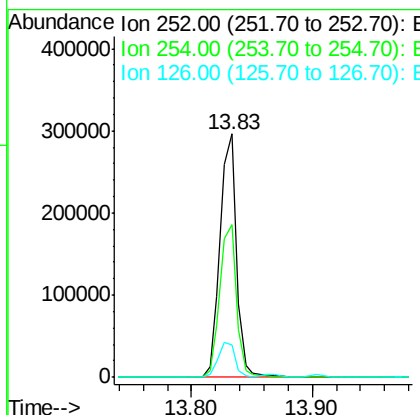
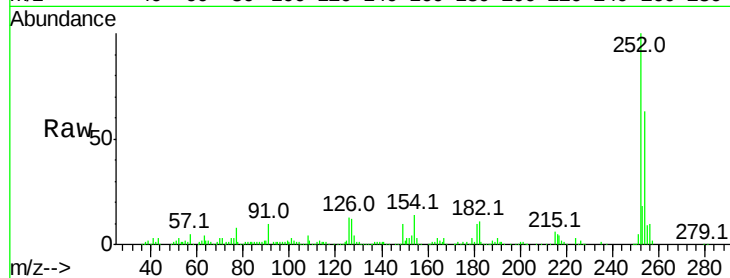




#81
 3,3'-Dichlorobenzidine
 Concen: 40.172 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

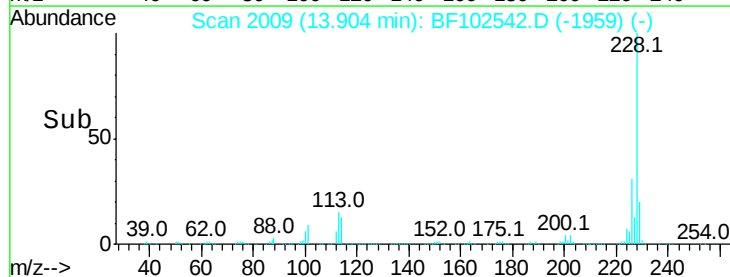
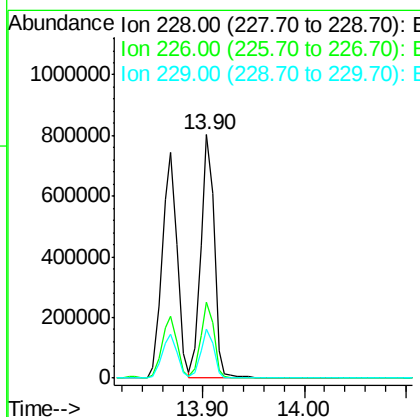
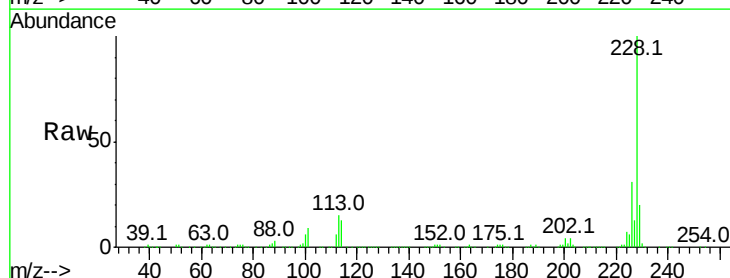
Instrument :
 BNA_F
 ClientSampleId :

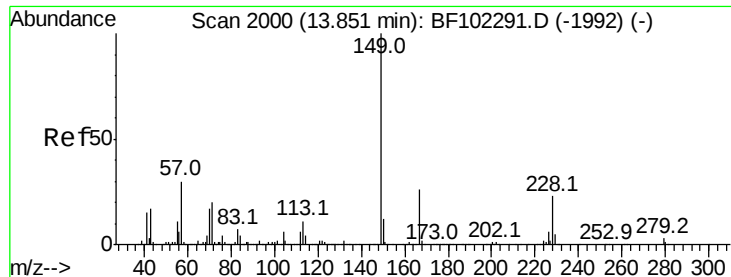
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	50.4	75.6
126	13.3	11.3	16.9



#82
 Chrysene
 Concen: 38.253 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.952 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

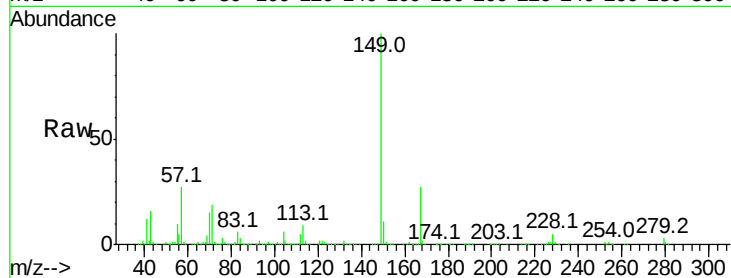
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 669850

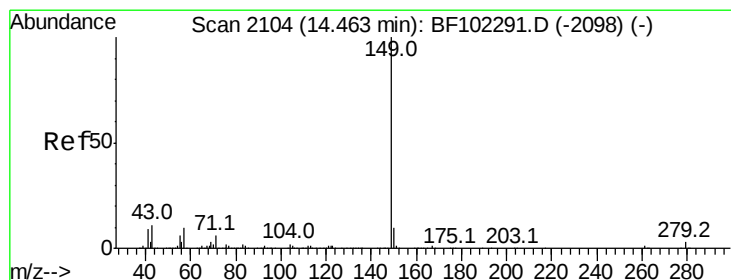
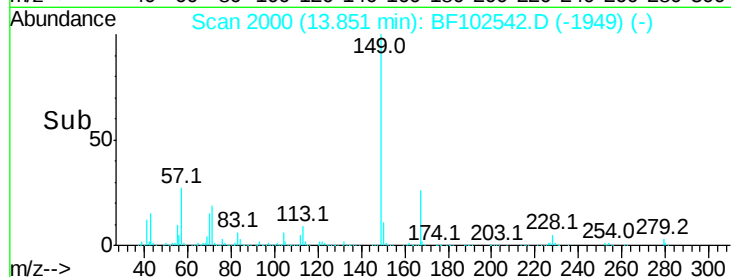
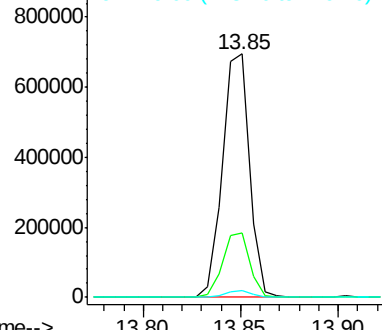
Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.0	3.0	4.4



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: 41.736 ng

RT: 14.46 min Scan# 2104

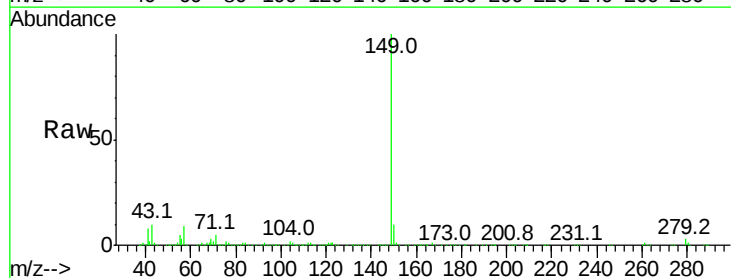
Delta R.T. -0.00 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Tgt Ion:149 Resp: 1083738

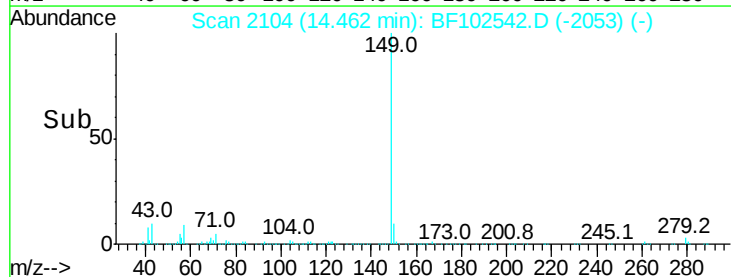
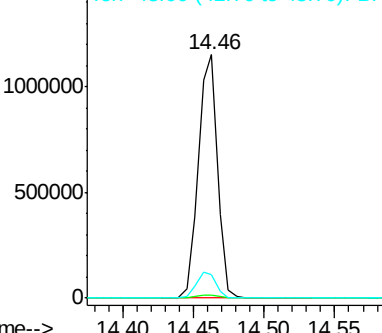
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.7	8.4	12.6

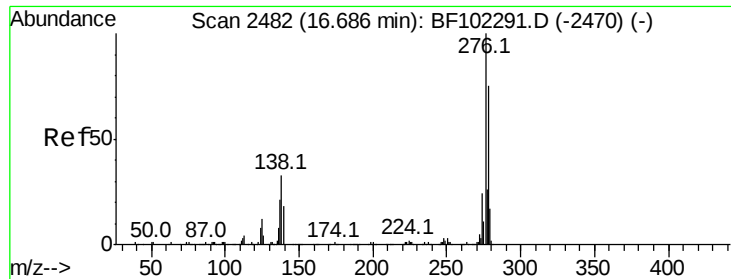


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

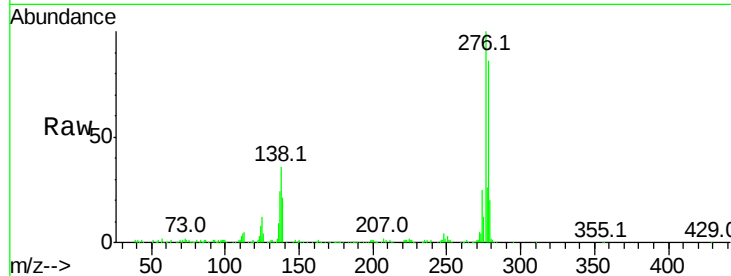




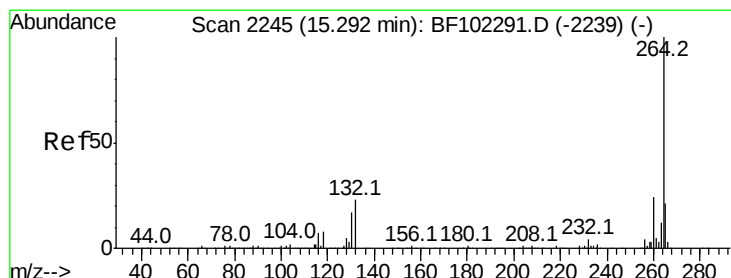
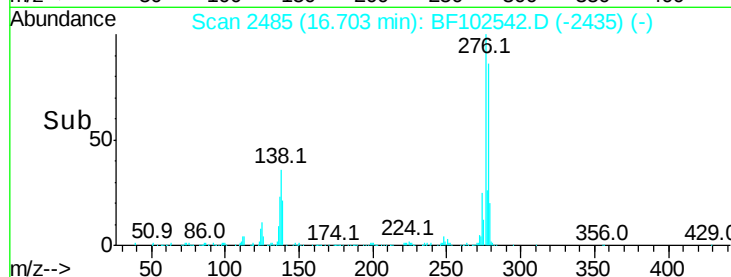
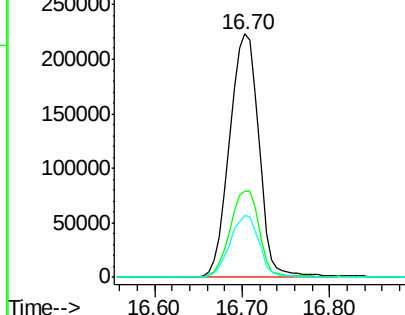
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.283 ng
 RT: 16.70 min Scan# 2485
 Delta R.T. -0.01 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 514719
 Ion Ratio Lower Upper
 276 100
 138 35.7 25.0 37.6
 277 25.2 20.1 30.1

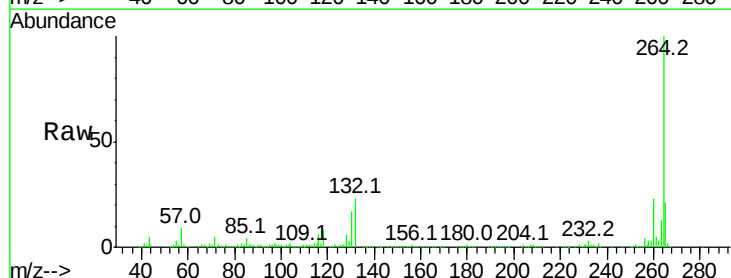


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

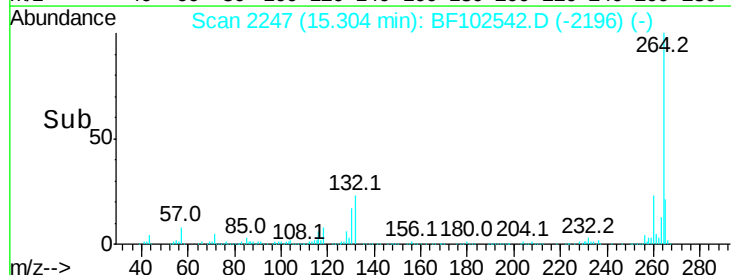
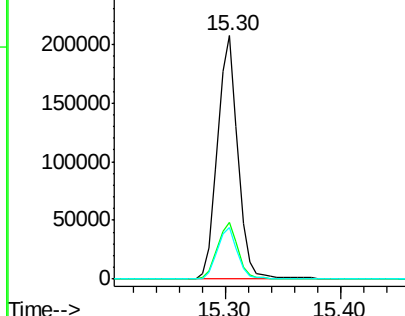


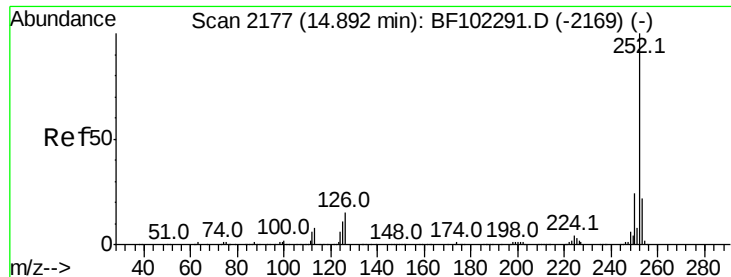
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.00 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

Tgt Ion:264 Resp: 254577
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.3 17.5 26.3



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

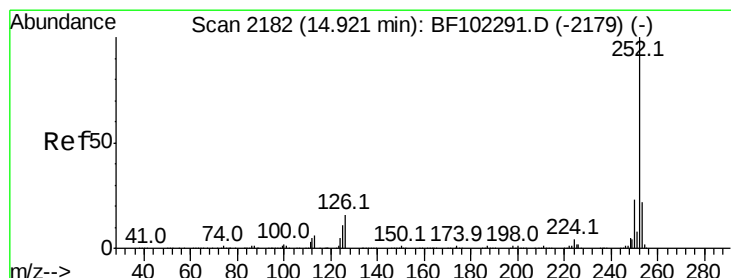
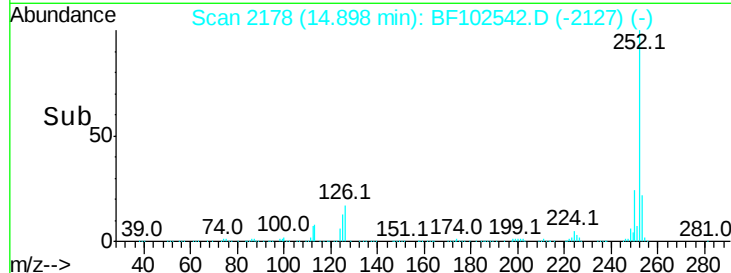
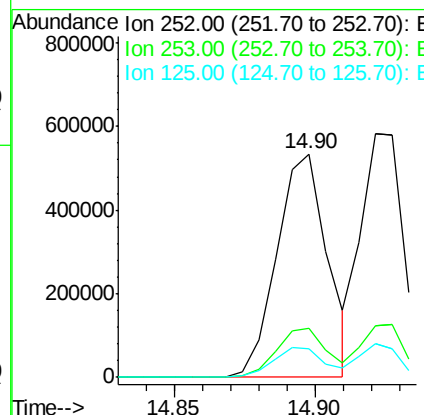
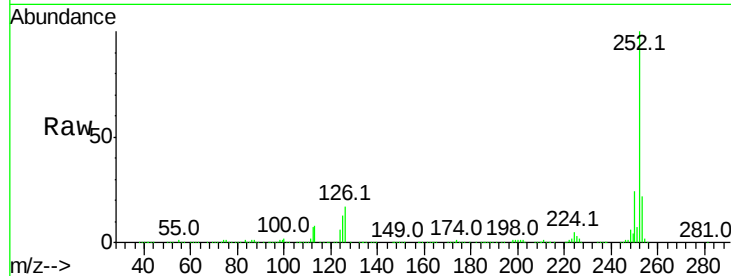




#87
Benzo(b)fluoranthene
Concen: 40.204 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BF102542.D
Acq: 28 Jan 2018 6:35

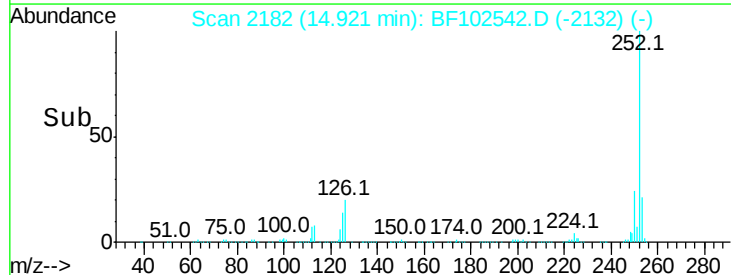
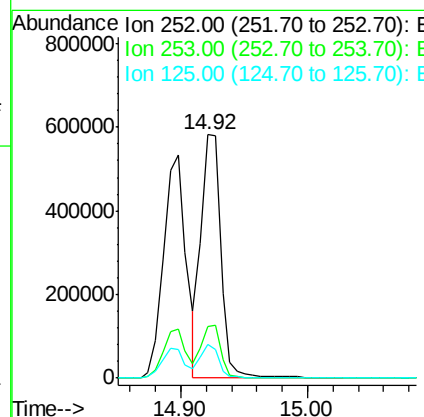
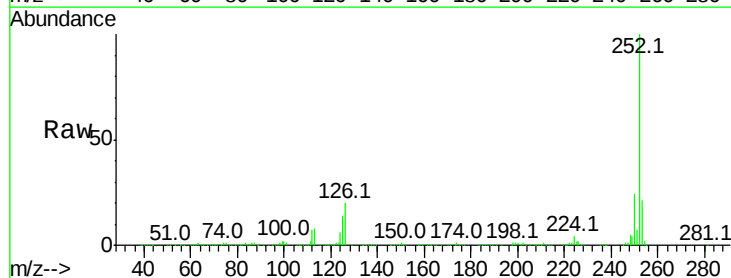
Instrument :
BNA_F
ClientSampleId :

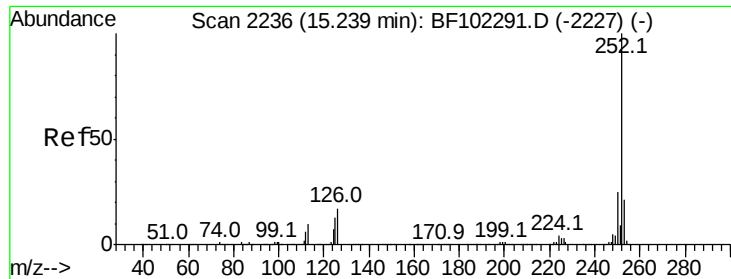
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	12.8	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 40.155 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BF102542.D
Acq: 28 Jan 2018 6:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	14.0	10.2	15.2





#89

Benzo(a)pyrene

Concen: 39.836 ng

RT: 15.24 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

Instrument :

BNA_F

ClientSampleId :

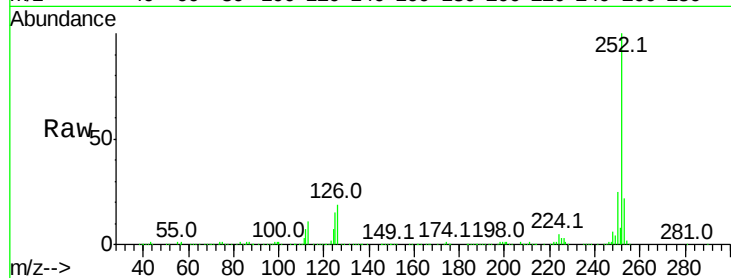
Tot Ion:252 Resp: 592823

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

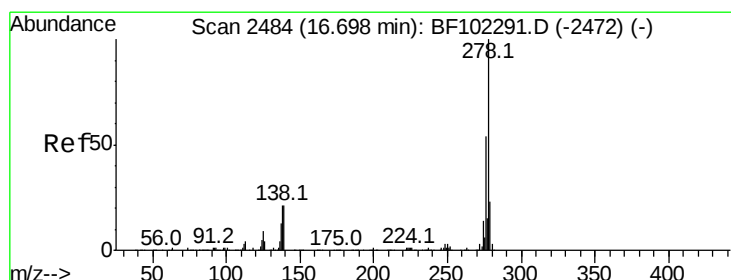
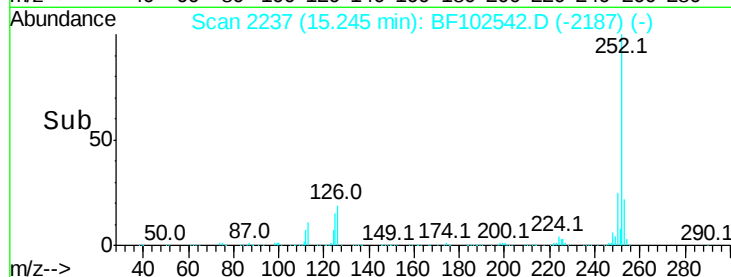
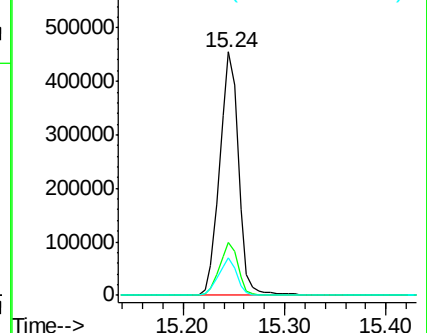
125 15.2 9.8 14.6#



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: 35.755 ng

RT: 16.71 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BF102542.D

Acq: 28 Jan 2018 6:35

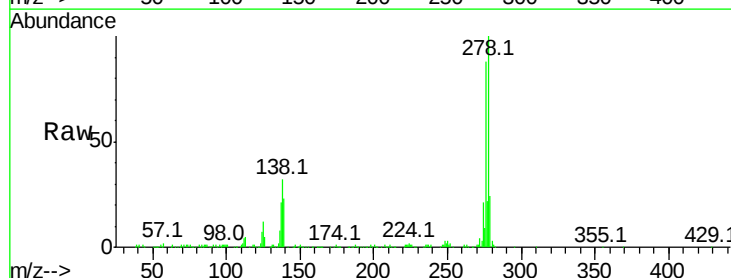
Tgt Ion:278 Resp: 431022

Ion Ratio Lower Upper

278 100

139 22.8 15.9 23.9

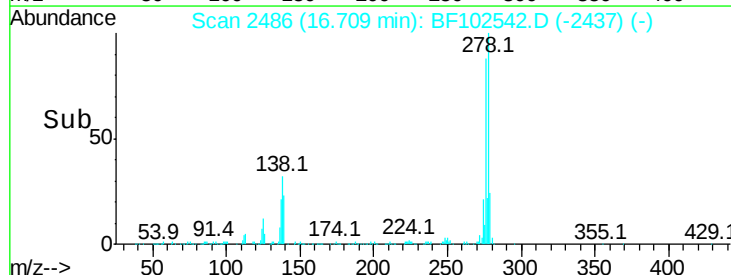
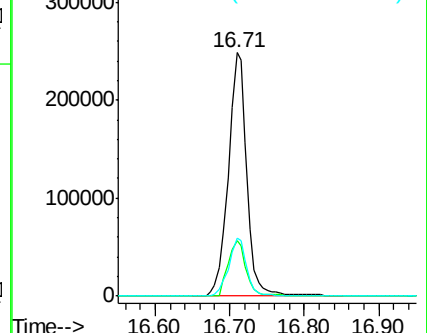
279 23.7 19.0 28.4

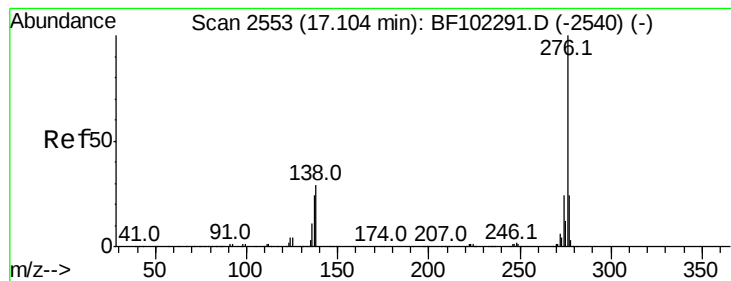


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.007 ng
 RT: 17.12 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BF102542.D
 Acq: 28 Jan 2018 6:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 428581
 Ion Ratio Lower Upper
 276 100
 277 24.2 17.9 26.9
 138 33.3 21.8 32.8#

