

Data Path : U:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102678.D
 Acq On : 1 Feb 2018 1:56
 Operator : SJ/JU
 Sample : J1010-11MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 01 03:07:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	152872	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	567784	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	206906	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	324874	20.00	ng	0.00
75) Chrysene-d12	13.88	240	279515	20.00	ng	0.01
86) Perylene-d12	15.30	264	203890	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1163525	115.40	ng	0.05
7) Phenol-d6	6.39	99	1232244	101.38	ng	0.03
23) Nitrobenzene-d5	7.29	82	911144	92.22	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	218127	106.40	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	1379393	98.02	ng	0.00
78) Terphenyl-d14	12.82	244	1154794	93.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	197658	41.262	ng	# 82
4) n-Nitrosodimethylamine	3.22	42	262022	53.389	ng	# 99
6) Aniline	6.39	93	320898	19.960	ng	# 71
8) 2-Chlorophenol	6.52	128	441510	41.775	ng	96
9) Benzaldehyde	6.27	77	125410	15.404	ng	98
10) Phenol	6.40	94	466266	35.137	ng	93
11) bis(2-Chloroethyl)ether	6.46	93	445305	44.122	ng	95
12) 1,3-Dichlorobenzene	6.65	146	492990	39.221	ng	99
13) 1,4-Dichlorobenzene	6.73	146	501321	39.816	ng	100
14) 1,2-Dichlorobenzene	6.88	146	445218	38.658	ng	99
15) Benzyl Alcohol	6.87	79	330817	38.574	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	699893	41.347	ng	79
17) 2-Methylphenol	7.00	107	350234	38.157	ng	# 92
18) Hexachloroethane	7.21	117	137620	31.366	ng	92
19) n-Nitroso-di-n-propylamine	7.14	70	321265	43.189	ng	98
20) 3+4-Methylphenols	7.15	107	462478	42.841	ng	91
22) Acetophenone	7.13	105	640855	47.348	ng	# 99
24) Nitrobenzene	7.30	77	448222	44.330	ng	98
25) Isophorone	7.55	82	818829	46.488	ng	98
26) 2-Nitrophenol	7.62	139	228116	42.866	ng	99
27) 2,4-Dimethylphenol	7.67	122	383573	49.639	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	541015	49.722	ng	100
29) 2,4-Dichlorophenol	7.87	162	347793	44.186	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	348622	41.318	ng	100
31) Naphthalene	8.02	128	1213122	42.793	ng	100
32) Benzoic acid	7.82	122	159305	24.607	ng	98
33) 4-Chloroaniline	8.08	127	342378	28.721	ng	99
34) Hexachlorobutadiene	8.12	225	187714	41.655	ng	99
35) Caprolactam	8.46	113	73400	28.236	ng	98
36) 4-Chloro-3-methylphenol	8.58	107	337807	40.715	ng	98
37) 2-Methylnaphthalene	8.71	142	782704	41.458	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	297731	47.828	ng	99
40) Hexachlorocyclopentadiene	8.85	237	6092	2.187	ng	98
42) 2,4,6-Trichlorophenol	9.00	196	193258	46.376	ng	98

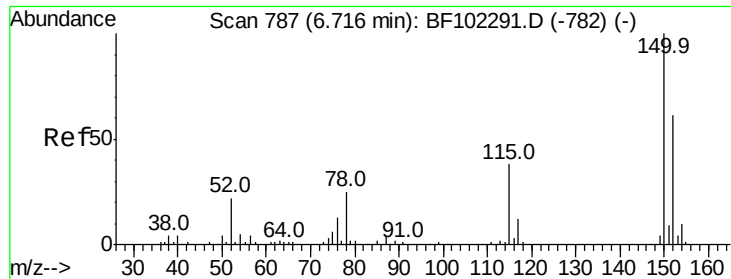
Data Path : U:\HPCHEM1\BNA F\DATA\BF013118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	189139	40.311	ng	97
45) 1,1'-Biphenyl	9.17	154	875265	47.310	ng	99
46) 2-Chloronaphthalene	9.20	162	649277	45.150	ng	99
47) 2-Nitroaniline	9.31	65	218707	48.782	ng	98
48) Acenaphthylene	9.61	152	935904	41.774	ng	100
49) Dimethylphthalate	9.47	163	767069	44.852	ng	99
50) 2,6-Dinitrotoluene	9.55	165	154374	41.867	ng	91
51) Acenaphthene	9.78	154	559284	42.744	ng	99
52) 3-Nitroaniline	9.72	138	178561	40.936	ng	94
53) 2,4-Dinitrophenol	9.85	184	15826	12.820	ng	# 21
54) Dibenzofuran	9.95	168	801892	45.284	ng	96
55) 4-Nitrophenol	9.92	139	125833	43.703	ng	92
56) 2,4-Dinitrotoluene	9.96	165	174487	38.482	ng	# 88
57) Fluorene	10.30	166	632609	45.083	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	137696	41.103	ng	95
59) Diethylphthalate	10.17	149	717162	43.153	ng	99
60) 4-Chlorophenyl-phenylether	10.29	204	275679	45.315	ng	100
61) 4-Nitroaniline	10.34	138	182078	41.832	ng	92
62) Azobenzene	10.45	77	642612	42.233	ng	99
64) 4,6-Dinitro-2-methylphenol	10.37	198	15033	6.936	ng	93
65) n-Nitrosodiphenylamine	10.41	169	560087	46.971	ng	98
66) 4-Bromophenyl-phenylether	10.77	248	159149	45.507	ng	96
67) Hexachlorobenzene	10.85	284	159867	40.874	ng	94
68) Atrazine	10.95	200	144048	40.902	ng	99
69) Pentachlorophenol	11.05	266	107688	52.412	ng	97
70) Phenanthrene	11.26	178	844154	44.591	ng	98
71) Anthracene	11.31	178	875553	45.312	ng	100
72) Carbazole	11.47	167	860435	45.644	ng	100
73) Di-n-butylphthalate	11.79	149	1039393	44.111	ng	99
74) Fluoranthene	12.45	202	914374	47.364	ng	97
77) Pyrene	12.68	202	933509	43.196	ng	99
79) Butylbenzylphthalate	13.29	149	479748	44.608	ng	100
80) Benzo(a)anthracene	13.87	228	833758	48.449	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	233407	36.974	ng	# 97
82) Chrysene	13.90	228	778484	44.547	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	639657	44.257	ng	# 99
84) Di-n-octyl phthalate	14.45	149	1162436	49.455	ng	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	499147	34.585	ng	97
87) Benzo(b)fluoranthene	14.90	252	632697	47.877	ng	98
88) Benzo(k)fluoranthene	14.93	252	597655	47.868	ng	97
89) Benzo(a)pyrene	15.24	252	547229	45.914	ng	# 95
90) Dibenzo(a,h)anthracene	16.72	278	421443	43.652	ng	99
91) Benzo(g,h,i)perylene	17.14	276	418676	43.919	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

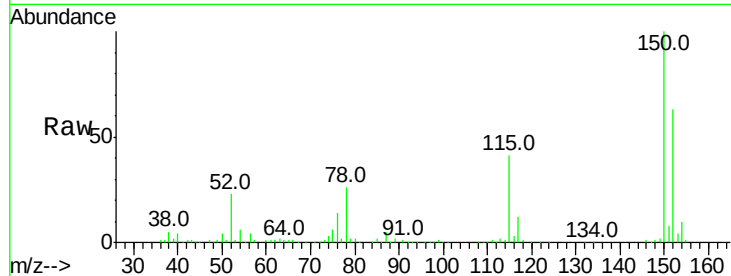
Tot Ion:152 Resp: 152872

Ion Ratio Lower Upper

152 100

150 158.0 124.6 186.8

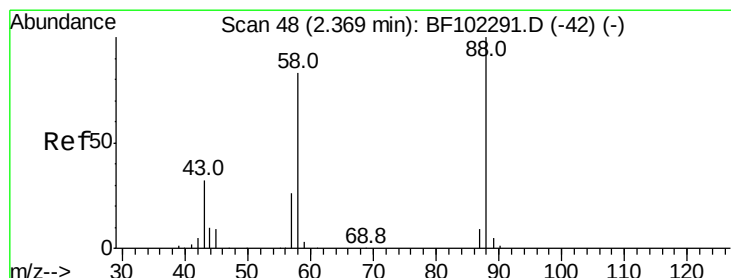
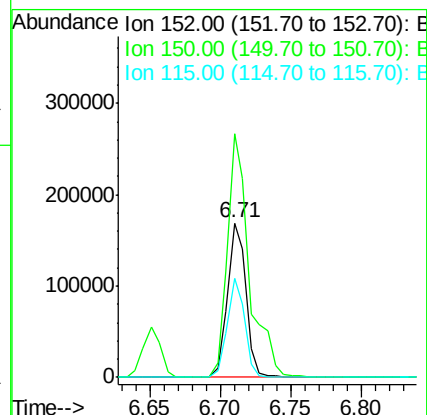
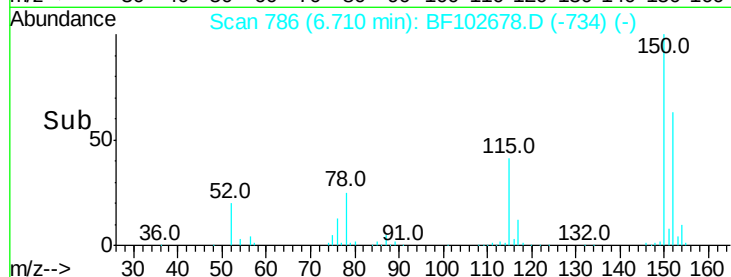
115 64.2 50.1 75.1



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: 41.262 ng

RT: 2.57 min Scan# 82

Delta R.T. 0.21 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

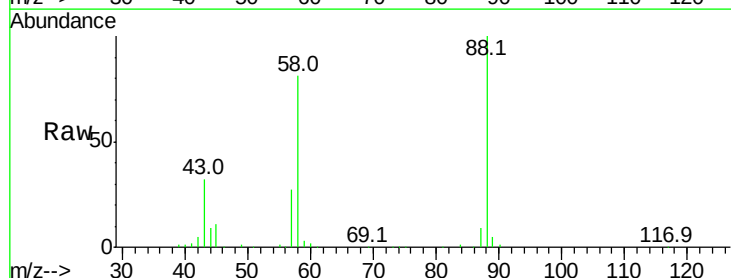
Tgt Ion: 88 Resp: 197658

Ion Ratio Lower Upper

88 100

58 81.0 62.6 93.8

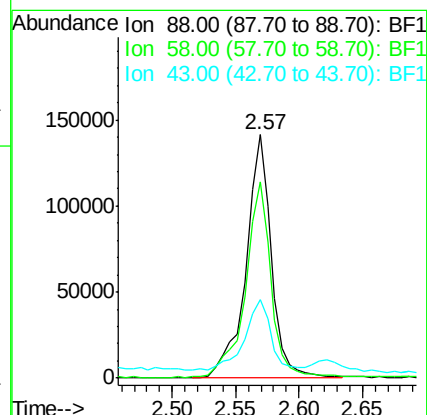
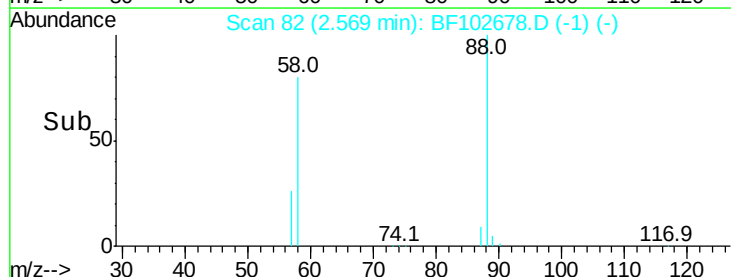
43 0.0 24.6 37.0#

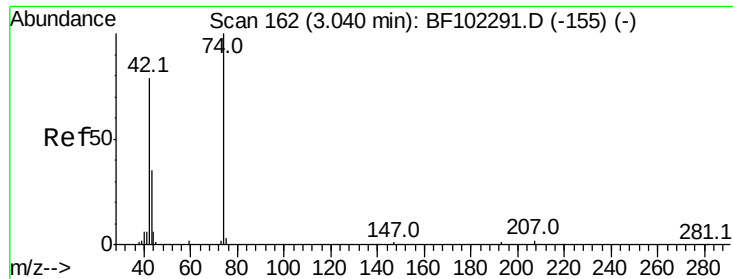


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1



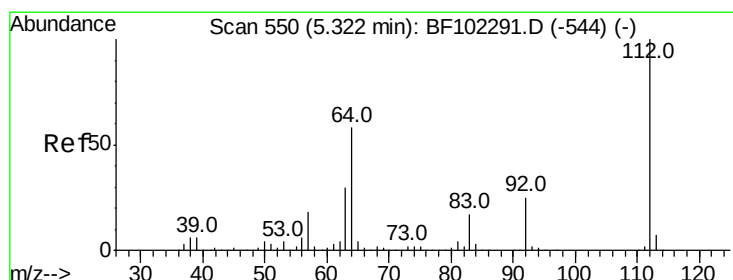
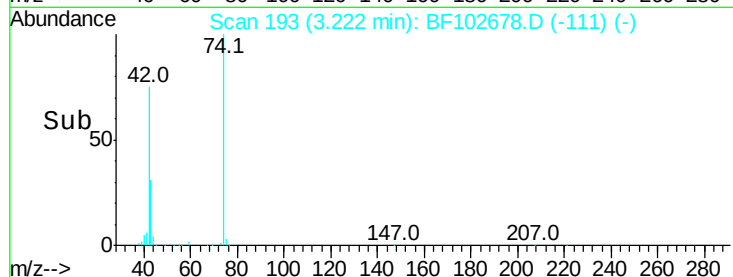
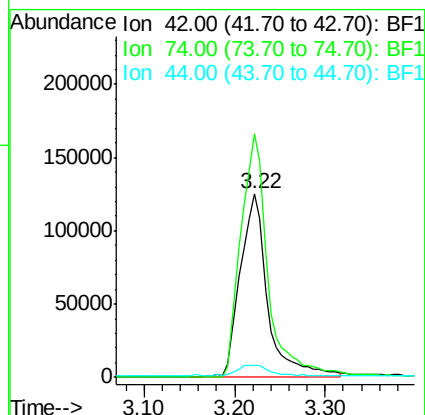
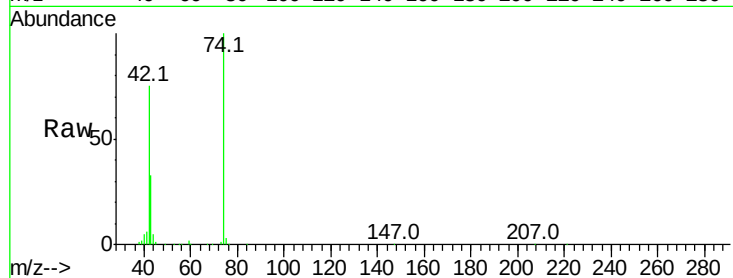


#4

n-Nitrosodimethylamine
Concen: 53.389 ng
RT: 3.22 min Scan# 193
Delta R.T. 0.18 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :

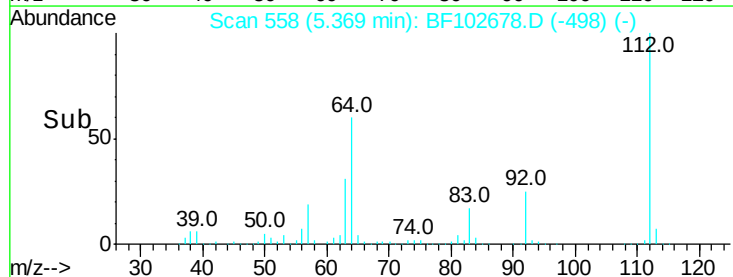
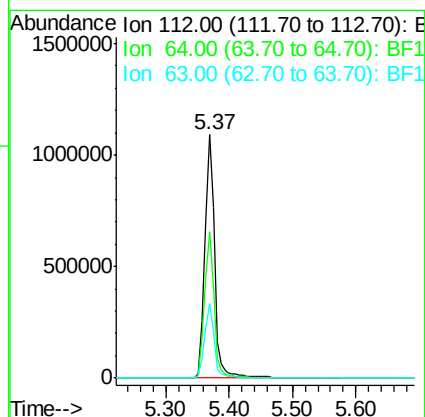
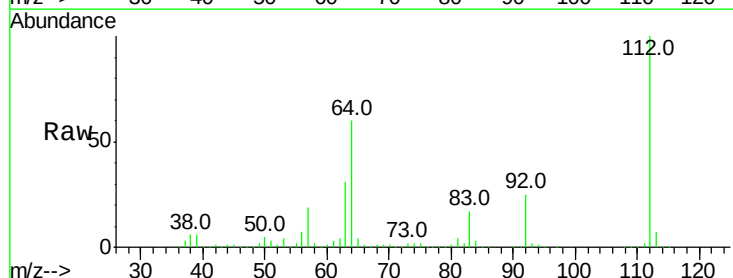
Tot Ion: 42 Resp: 262022
Ion Ratio Lower Upper
42 100
74 132.6 104.9 157.3
44 6.8 6.9 10.3#

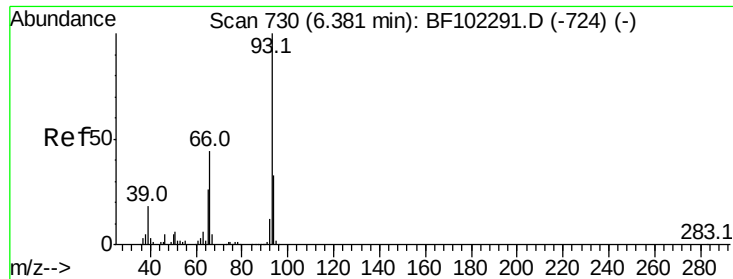


#5

2-Fluorophenol
Concen: 115.404 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.05 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion: 112 Resp: 1163525
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 30.7 23.7 35.5





#6

Aniline

Concen: 19.960 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampled :

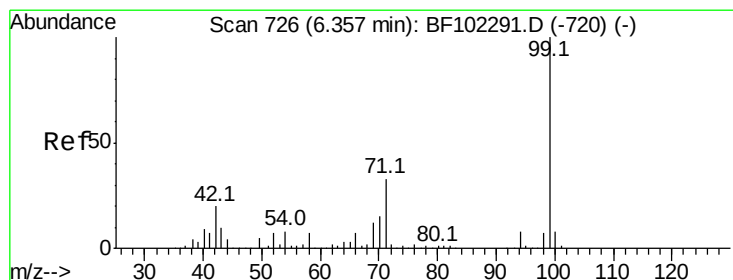
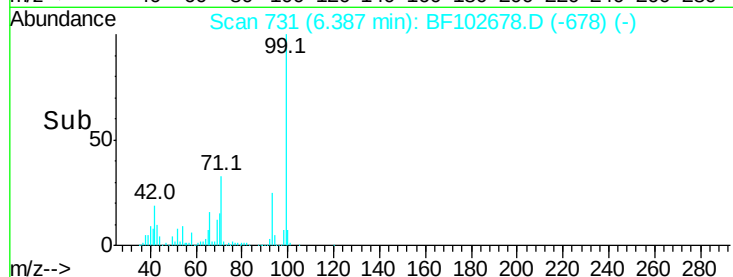
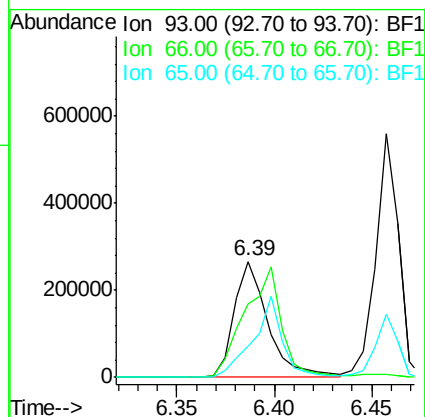
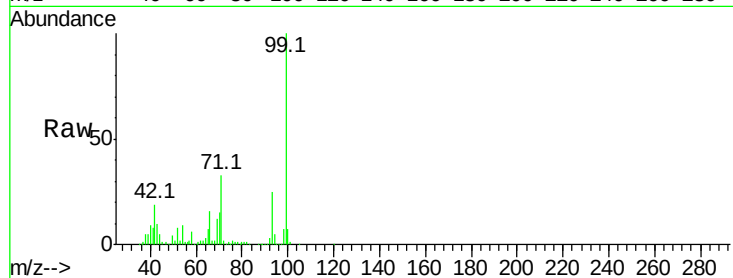
Tot Ion: 93 Resp: 320898

Ion Ratio Lower Upper

93 100

66 62.9 32.2 48.2#

65 26.9 16.4 24.6#



#7

Phenol-d6

Concen: 101.378 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.03 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

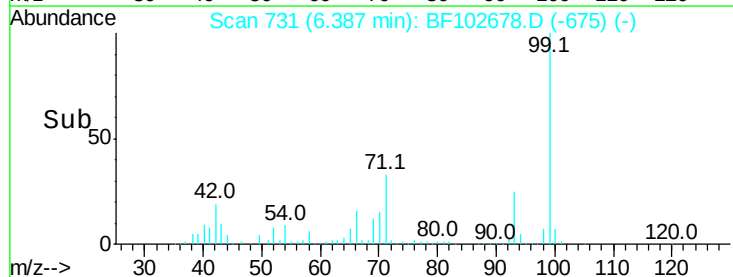
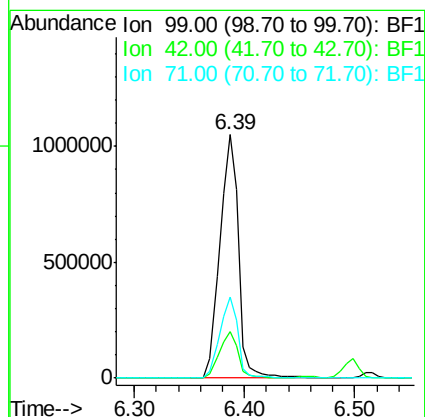
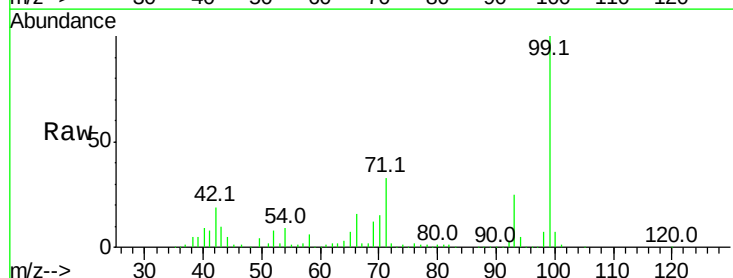
Tgt Ion: 99 Resp: 1232244

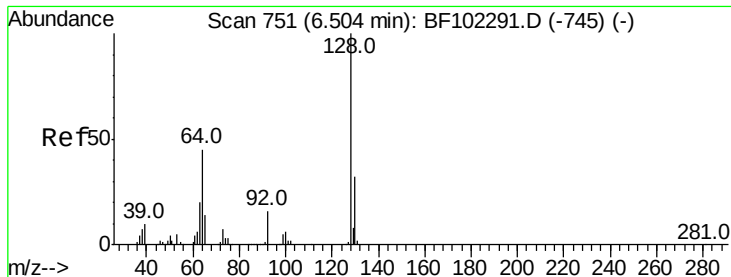
Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 33.1 25.4 38.0





#8

2-Chlorophenol

Concen: 41.775 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

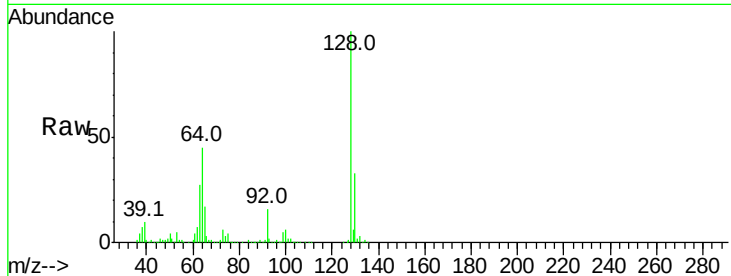
Tot Ion:128 Resp: 441510

Ion Ratio Lower Upper

128 100

130 33.2 13.0 53.0

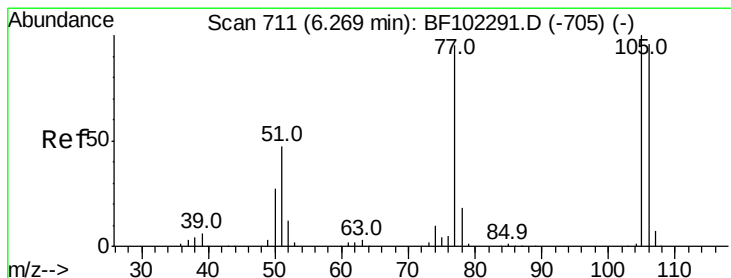
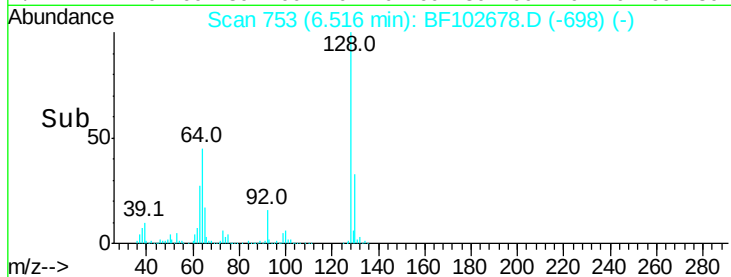
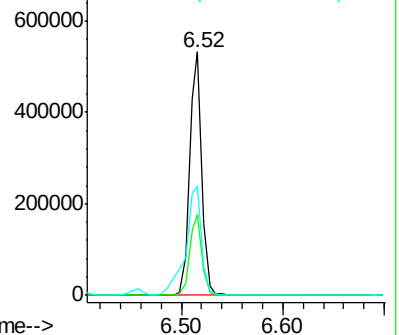
64 44.9 29.4 69.4



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: 15.404 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

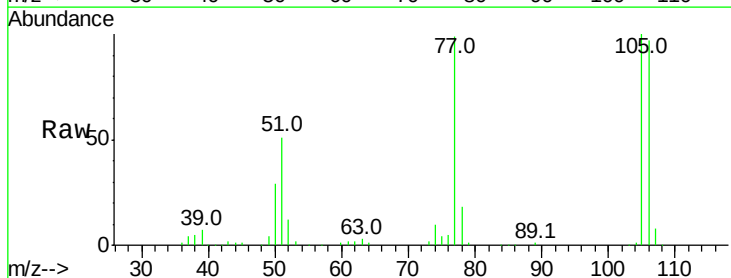
Tgt Ion: 77 Resp: 125410

Ion Ratio Lower Upper

77 100

105 101.3 81.1 121.1

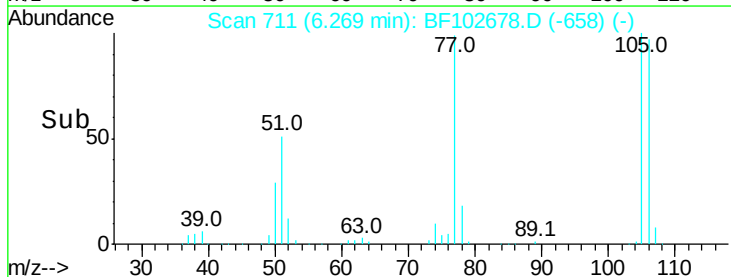
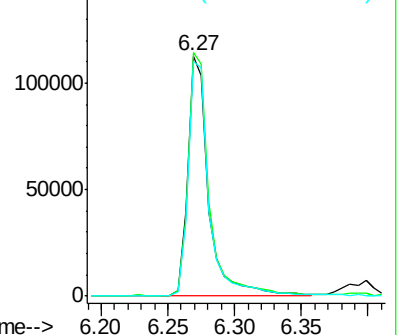
106 97.8 74.5 114.5

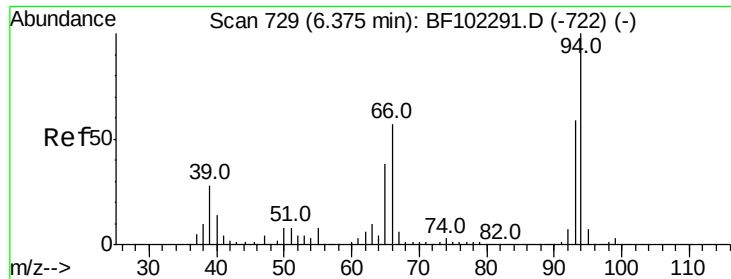


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 35.137 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.03 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

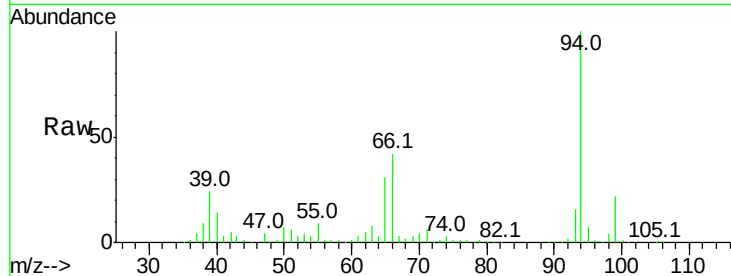
Tot Ion: 94 Resp: 466266

Ion Ratio Lower Upper

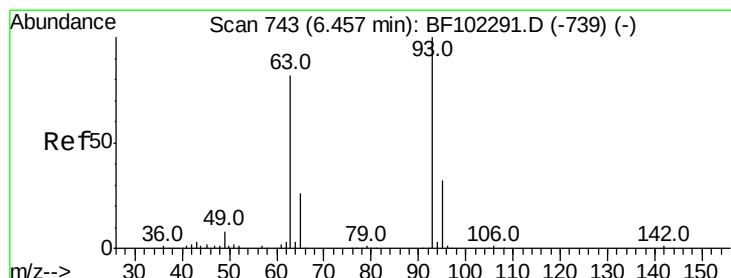
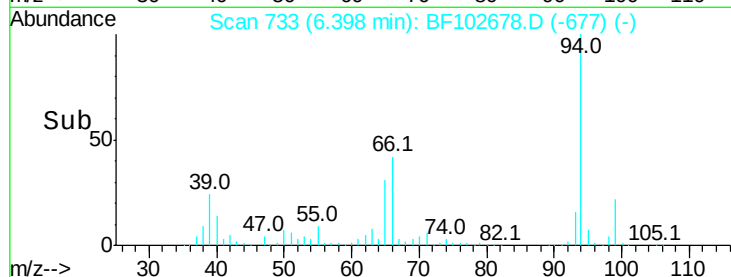
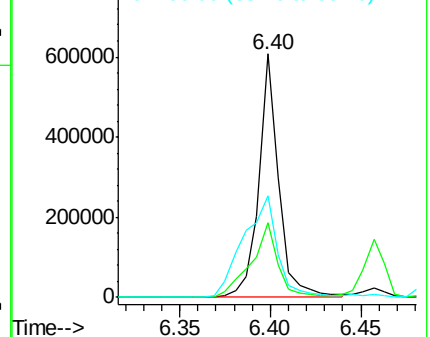
94 100

65 30.5 7.9 47.9

66 41.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 44.122 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

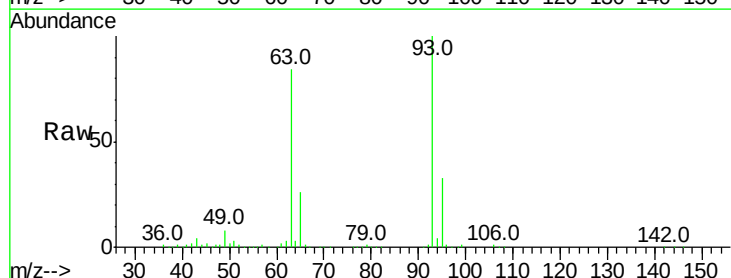
Tgt Ion: 93 Resp: 445305

Ion Ratio Lower Upper

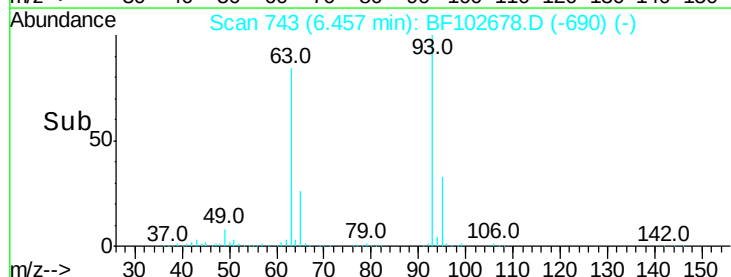
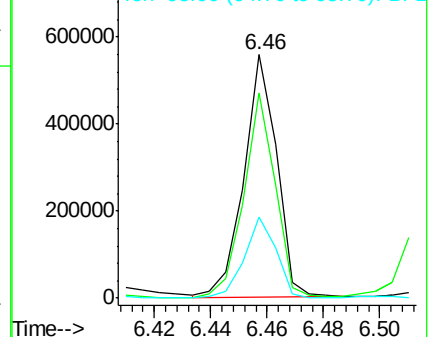
93 100

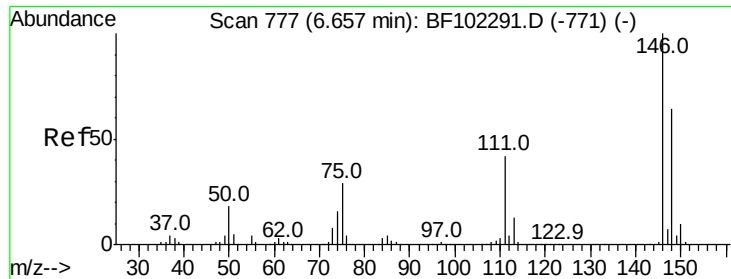
63 84.3 58.6 98.6

95 33.2 11.8 51.8



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





#12

1,3-Dichlorobenzene

Concen: 39.221 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

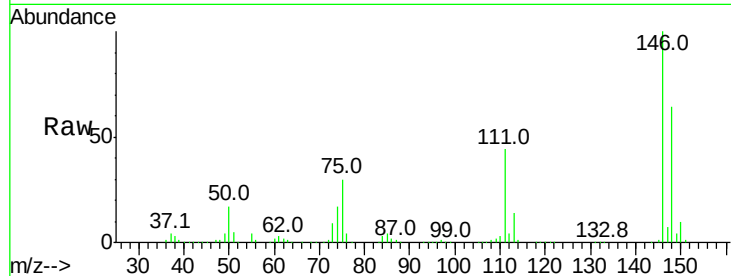
Tot Ion:146 Resp: 492990

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

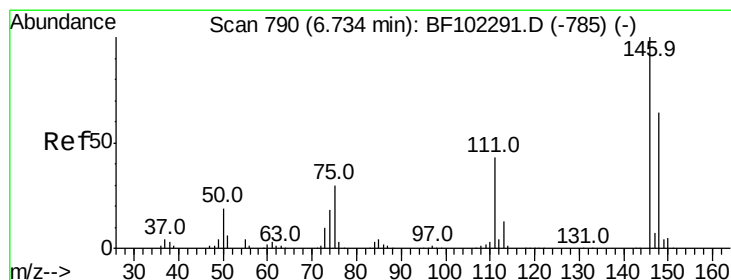
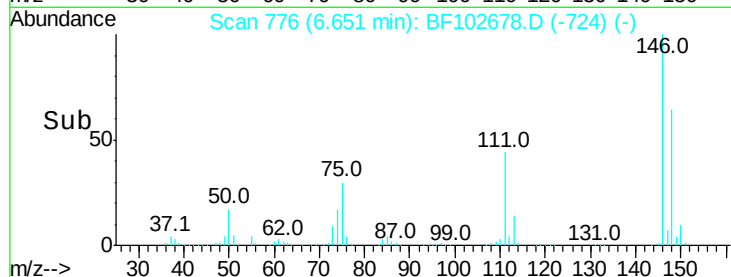
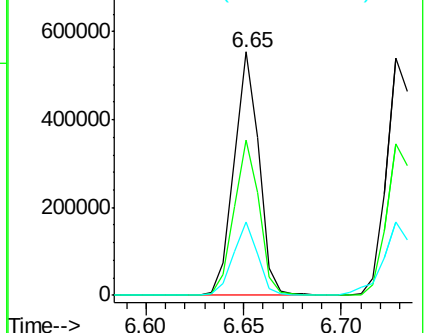
75 29.9 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 39.816 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

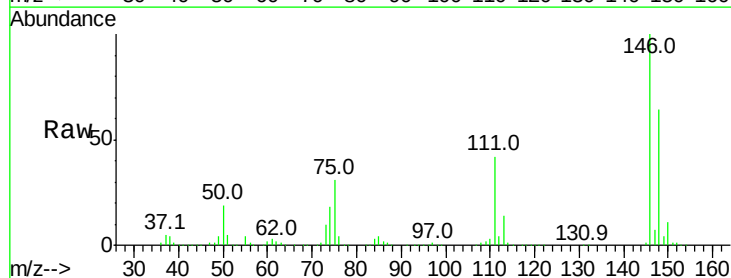
Tgt Ion:146 Resp: 501321

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

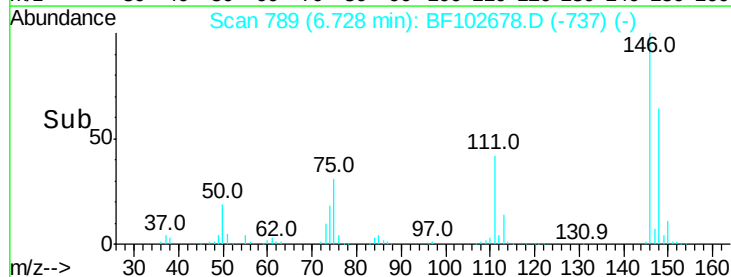
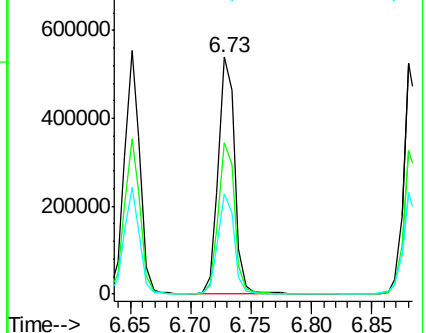
111 42.4 34.2 51.2

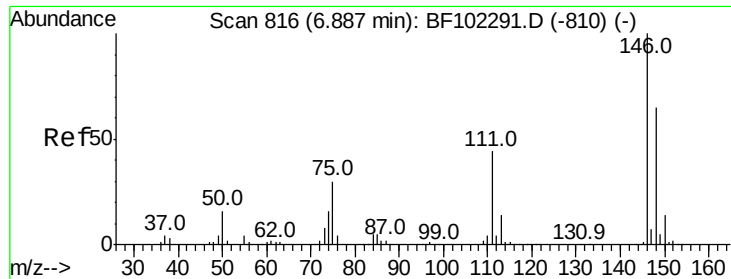


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 38.658 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :

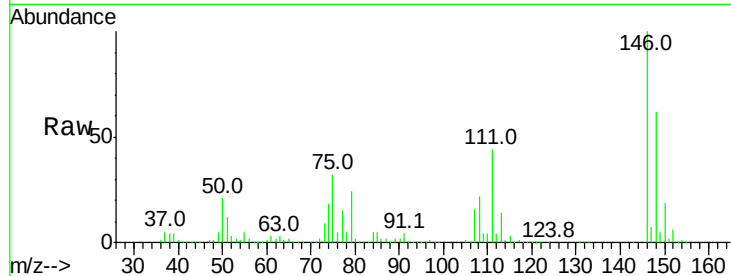
Tot Ion:146 Resp: 445218

Ion Ratio Lower Upper

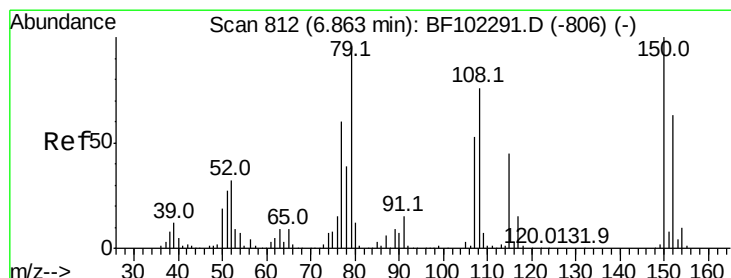
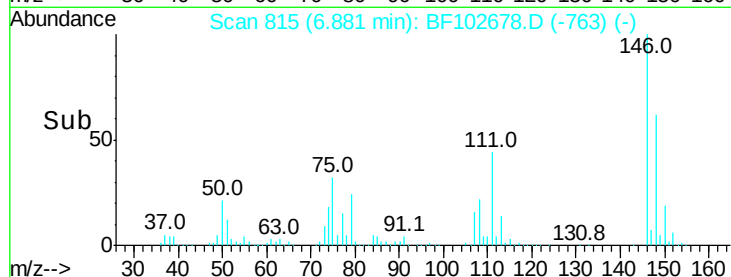
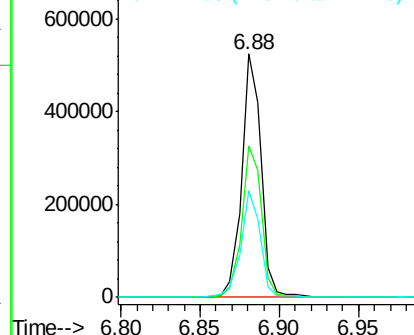
146 100

148 62.2 50.6 75.8

111 43.8 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 38.574 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.02 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

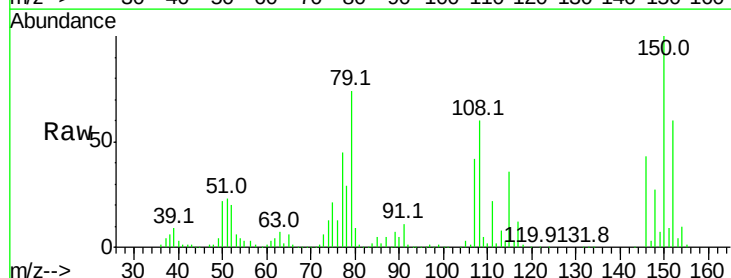
Tgt Ion: 79 Resp: 330817

Ion Ratio Lower Upper

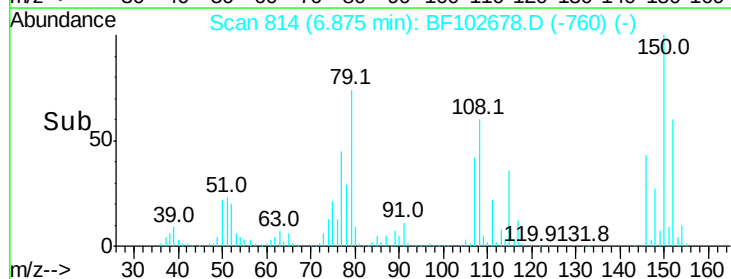
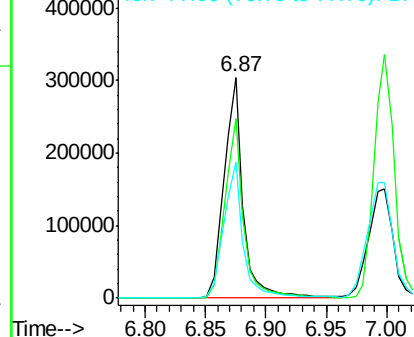
79 100

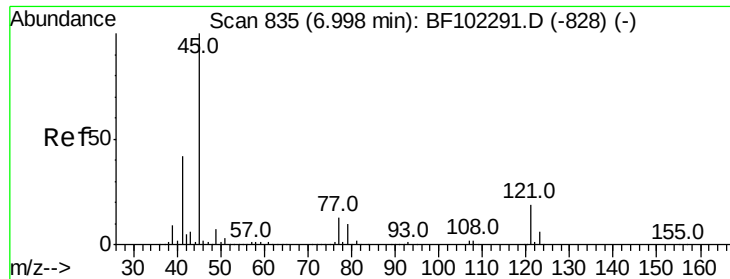
108 81.3 65.1 97.7

77 61.5 50.6 75.8



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

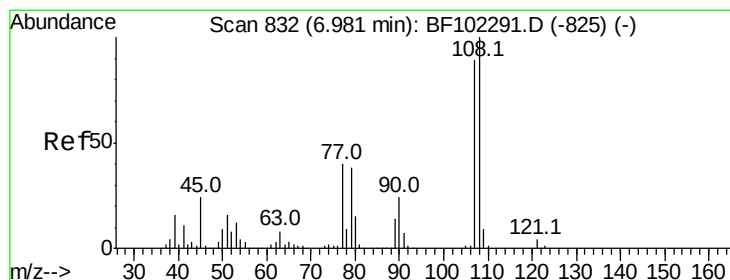
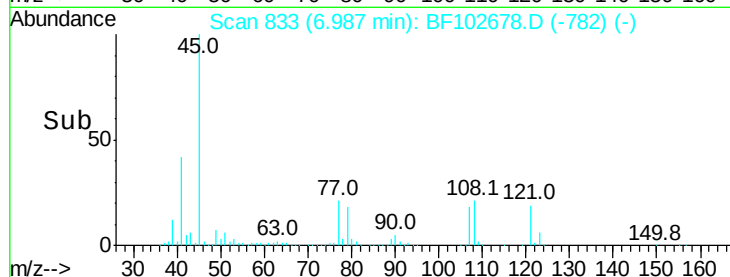
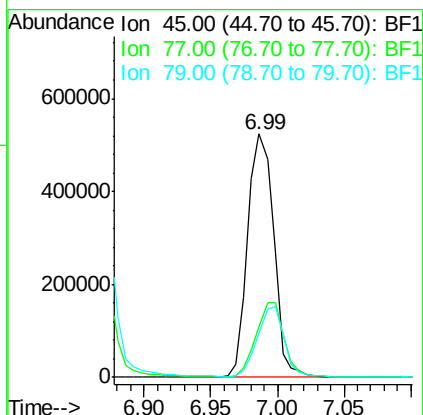
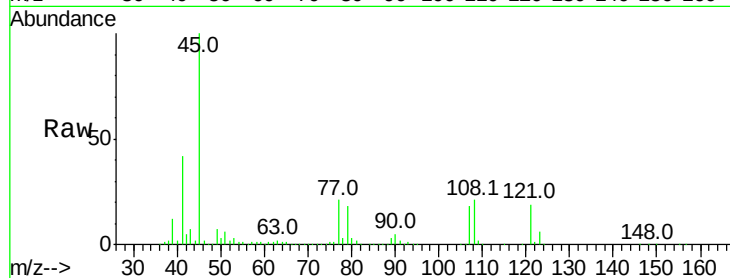




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 41.347 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

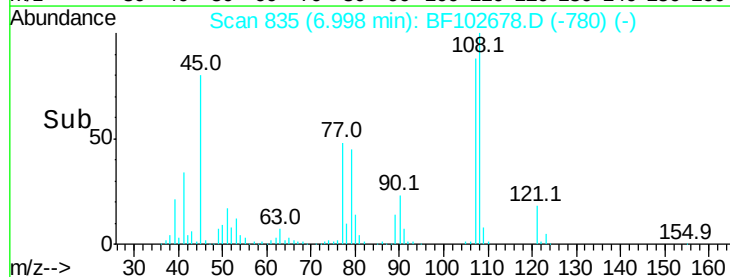
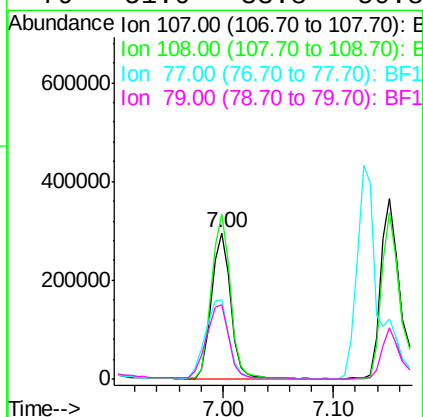
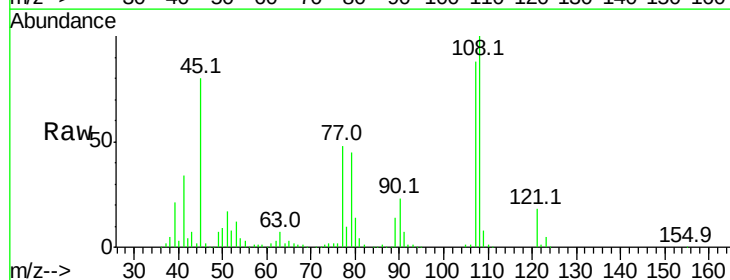
Instrument :
BNA_F
ClientSampleId :

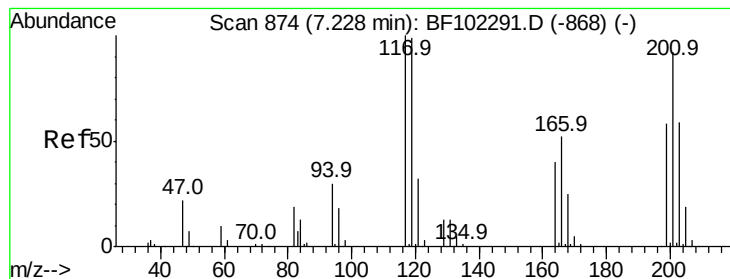
Tot Ion	Ratio	Lower	Upper
45	100		
77	20.8	0.0	32.9
79	17.9	0.0	29.6



#17
2-Methylphenol
Concen: 38.157 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.02 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.7	137.5
77	54.0	33.8	50.8#
79	51.0	33.8	50.8#





#18

Hexachloroethane

Concen: 31.366 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

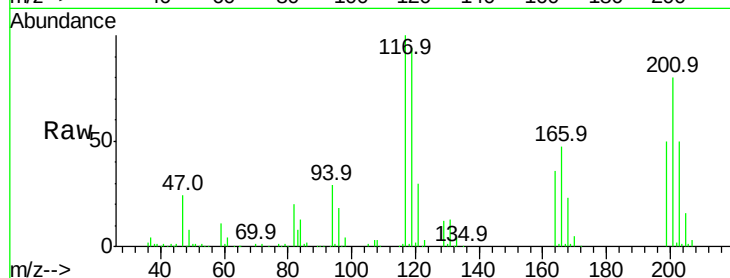
Tot Ion:117 Resp: 137620

Ion Ratio Lower Upper

117 100

119 93.8 75.8 113.8

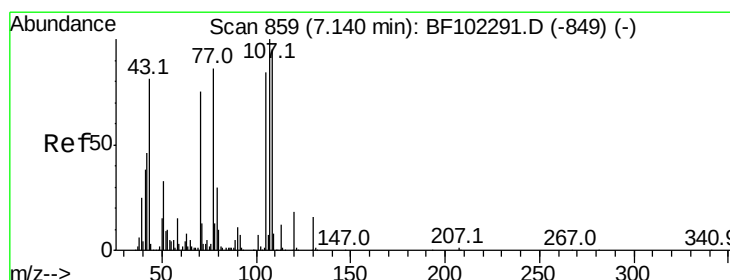
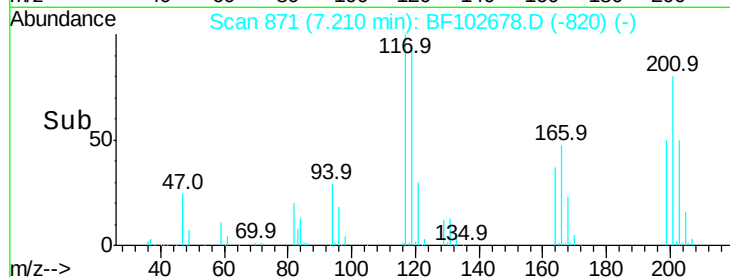
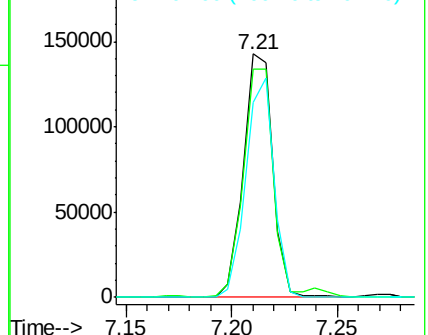
201 79.9 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 43.189 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Tgt Ion: 70 Resp: 321265

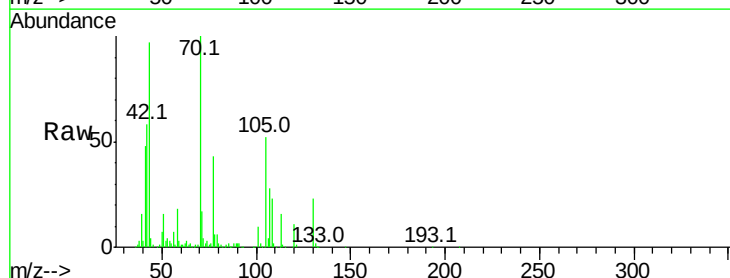
Ion Ratio Lower Upper

70 100

42 58.0 47.5 71.3

101 10.1 7.4 11.2

130 22.8 16.6 25.0

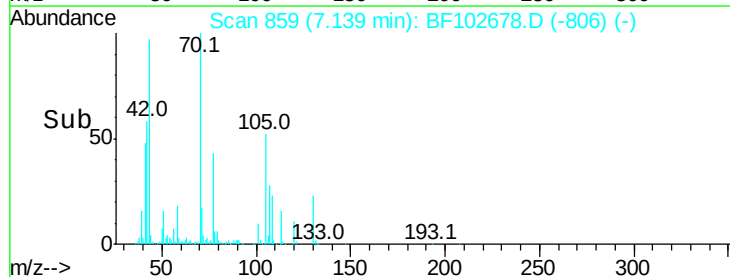
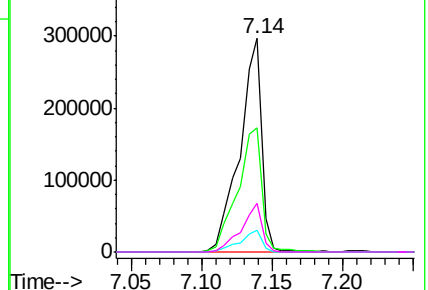


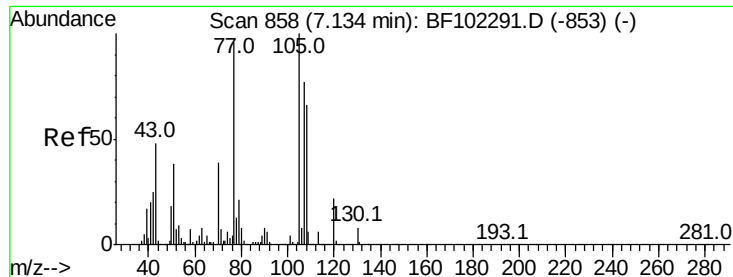
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

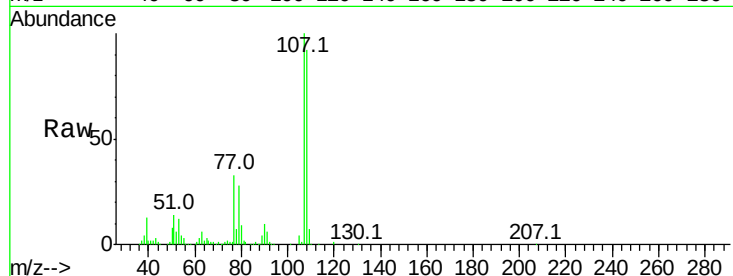




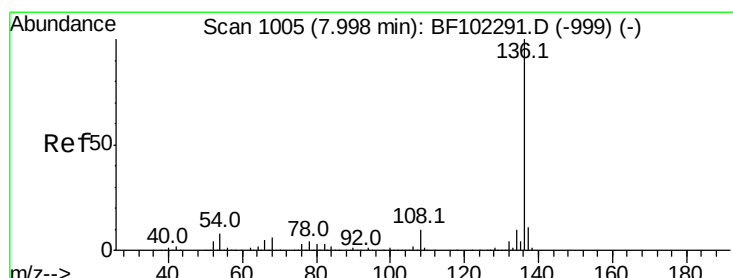
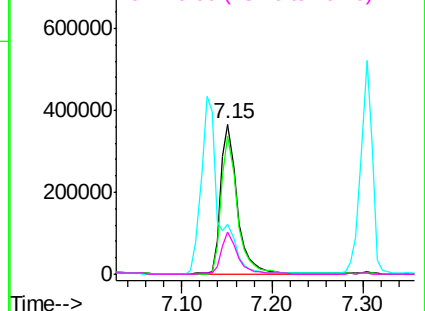
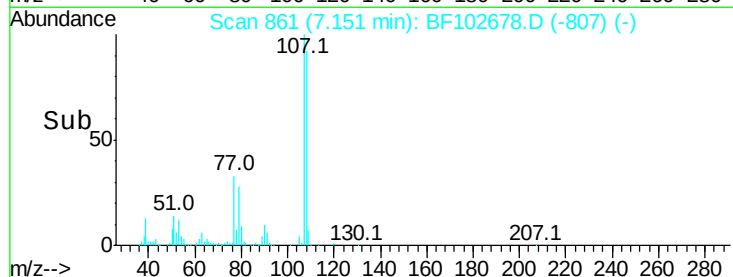
#20
3+4-Methylphenols
Concen: 42.841 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.02 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	462478
Ion	Ratio	Lower	Upper
107	100		
108	91.9	68.2	108.2
77	33.4	26.7	66.7
79	28.1	6.3	46.3

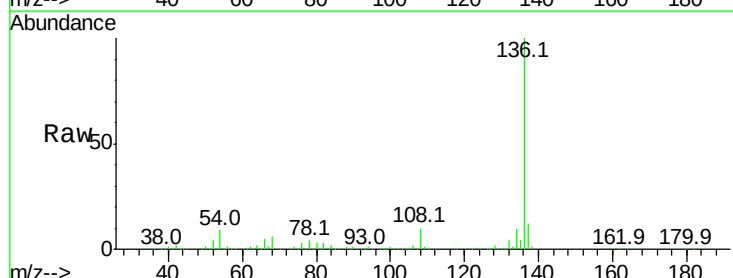


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

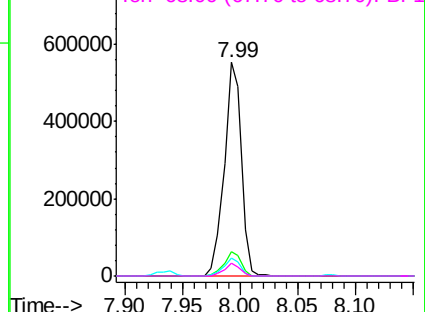
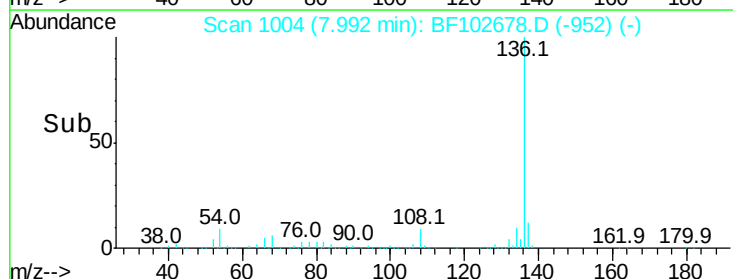


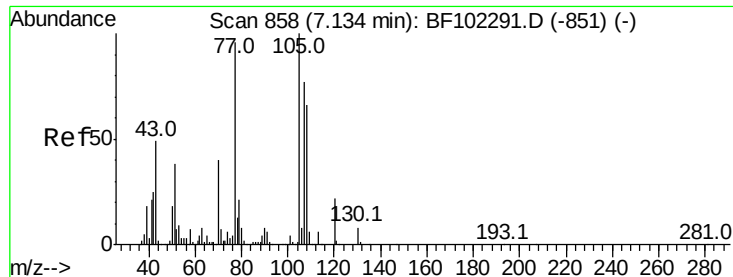
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion:	136	Resp:	567784
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	8.6	6.6	9.8
68	6.0	5.0	7.4



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

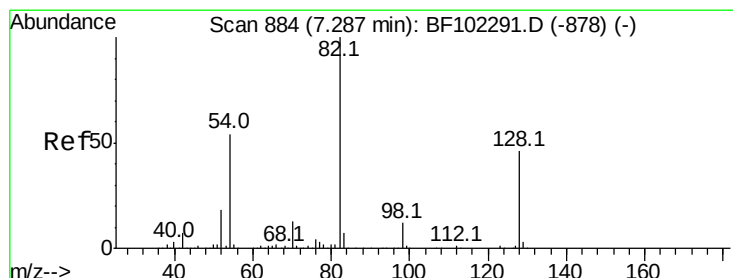
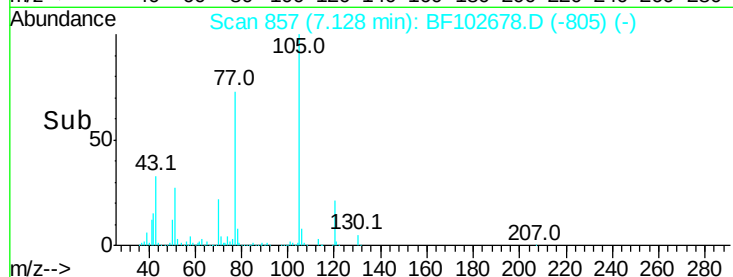
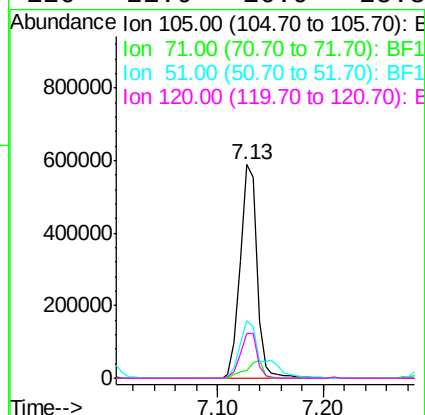
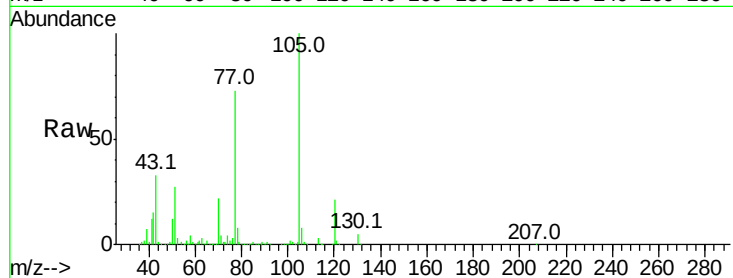




#22
Acetophenone
Concen: 47.348 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

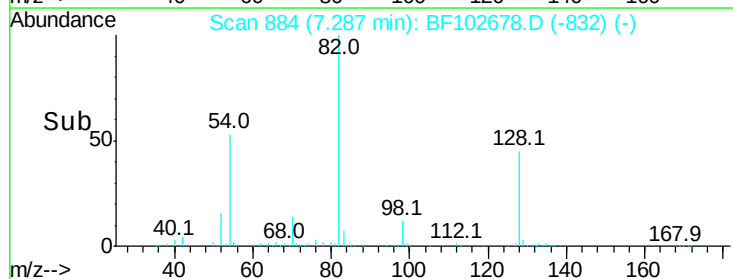
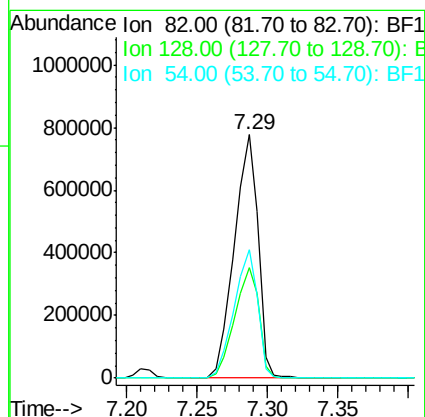
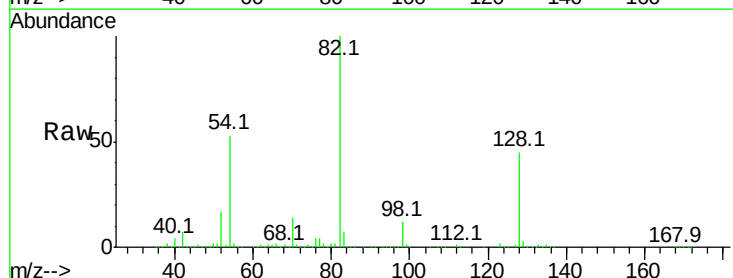
Instrument :
BNA_F
ClientSampleId :

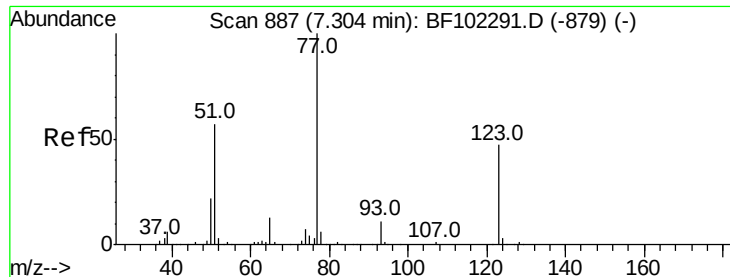
Tot Ion:105 Resp: 640855
Ion Ratio Lower Upper
105 100
71 3.9 4.4 6.6#
51 27.2 22.3 33.5
120 21.0 16.9 25.3



#23
Nitrobenzene-d5
Concen: 92.219 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion: 82 Resp: 911144
Ion Ratio Lower Upper
82 100
128 45.2 36.1 54.1
54 52.8 41.4 62.2

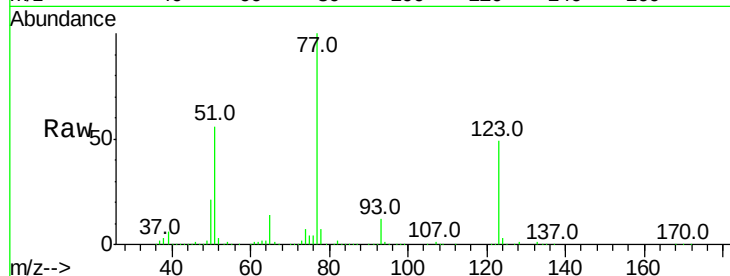




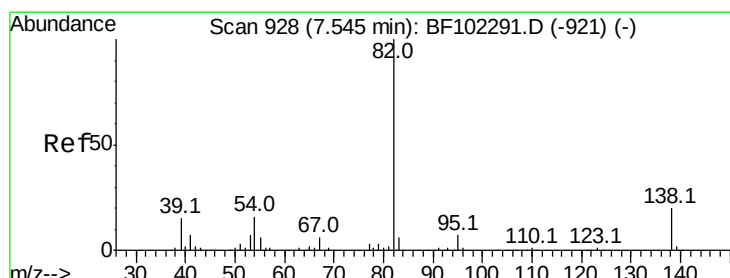
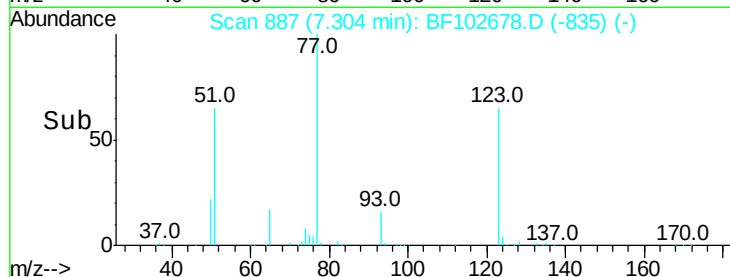
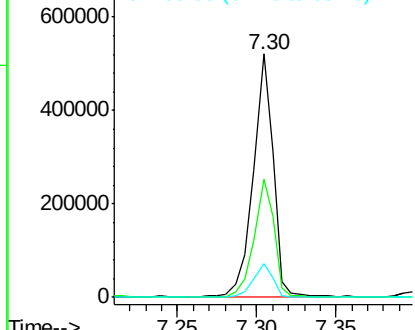
#24
 Nitrobenzene
 Concen: 44.330 ng
 RT: 7.30 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 77 Resp: 448222
 Ion Ratio Lower Upper
 77 100
 123 48.7 37.9 56.9
 65 13.9 11.0 16.4

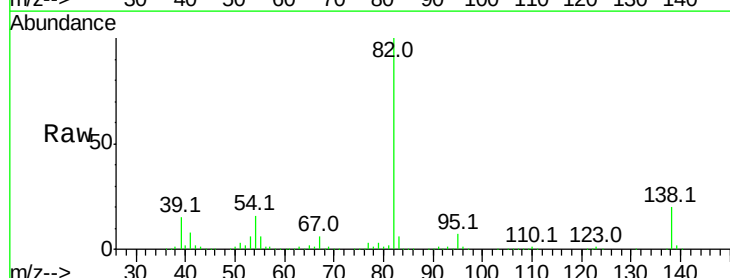


Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

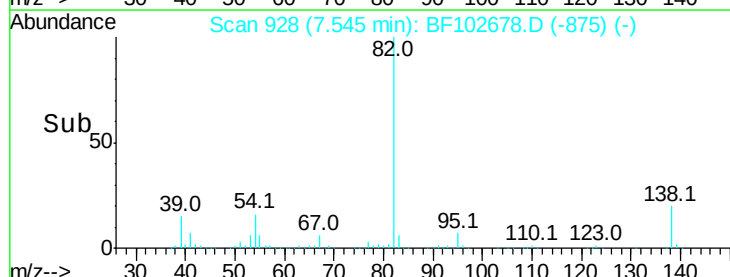
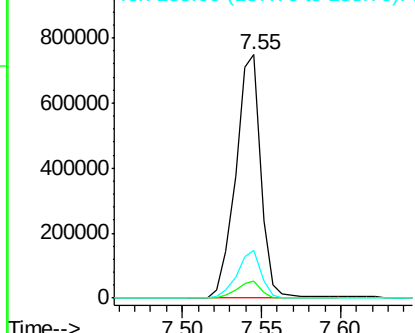


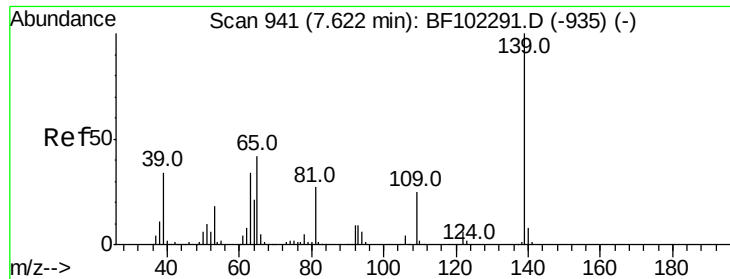
#25
 Isophorone
 Concen: 46.488 ng
 RT: 7.55 min Scan# 928
 Delta R.T. 0.01 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Tgt Ion: 82 Resp: 818829
 Ion Ratio Lower Upper
 82 100
 95 6.9 5.2 7.8
 138 19.8 14.9 22.3



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

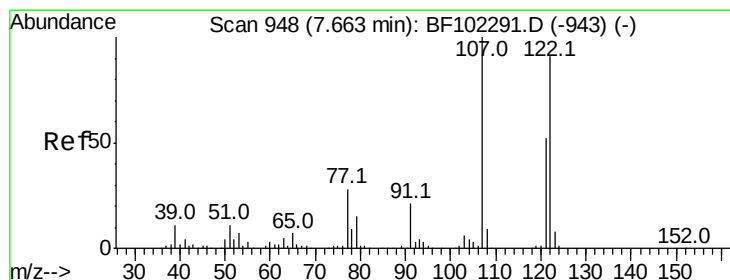
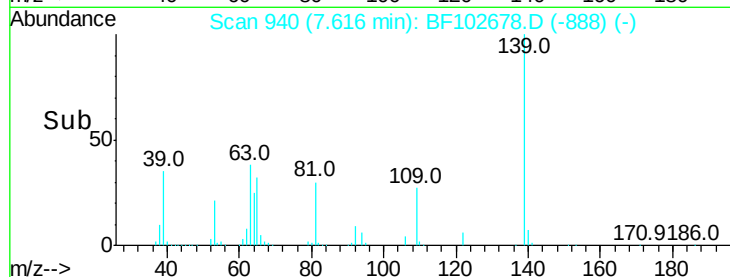
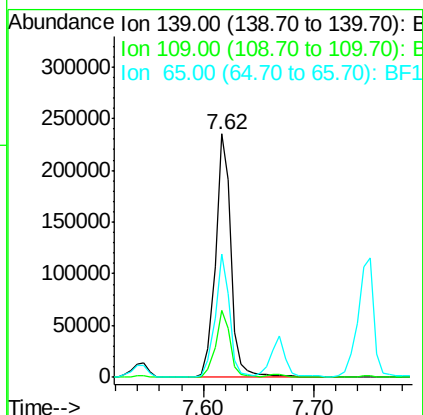
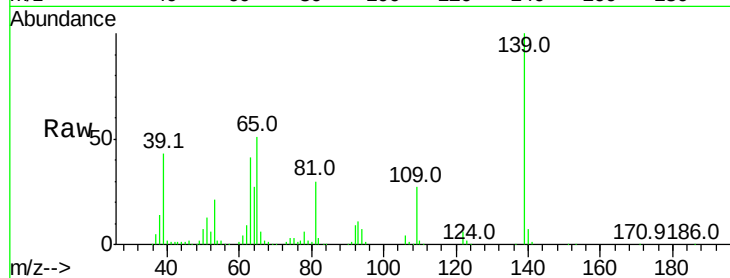




#26
2-Nitrophenol
Concen: 42.866 ng
RT: 7.62 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

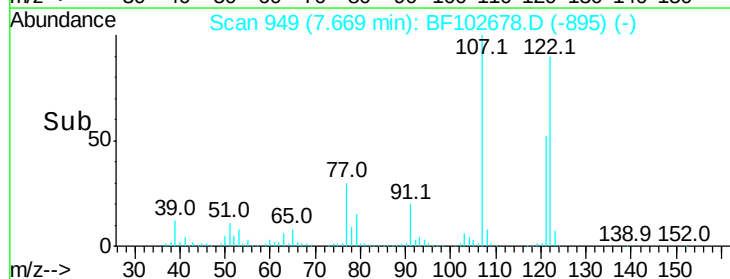
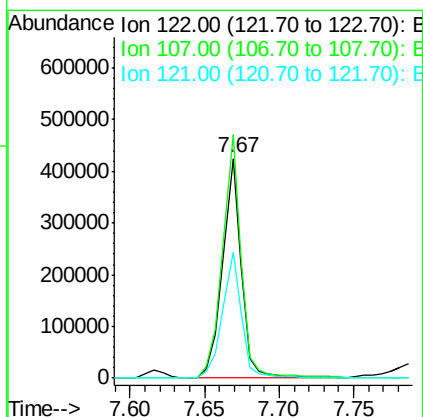
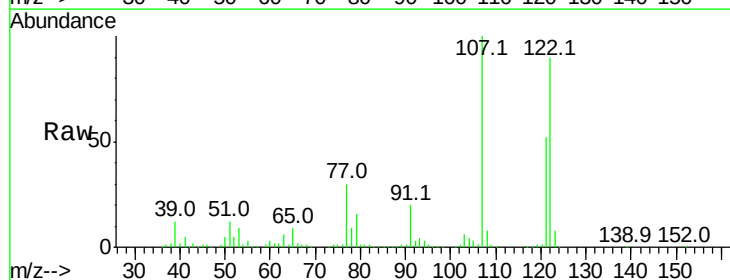
Instrument :
BNA_F
ClientSampleId :

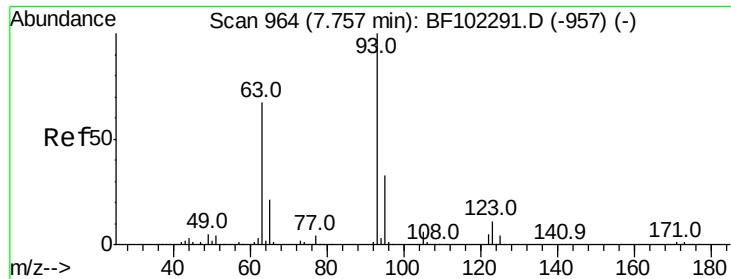
Tot Ion:139 Resp: 228116
Ion Ratio Lower Upper
139 100
109 27.4 22.7 34.1
65 50.6 40.5 60.7



#27
2,4-Dimethylphenol
Concen: 49.639 ng
RT: 7.67 min Scan# 949
Delta R.T. 0.02 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion:122 Resp: 383573
Ion Ratio Lower Upper
122 100
107 110.8 91.2 136.8
121 57.4 47.2 70.8





#28

bis(2-Chloroethoxy)methane

Concen: 49.722 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

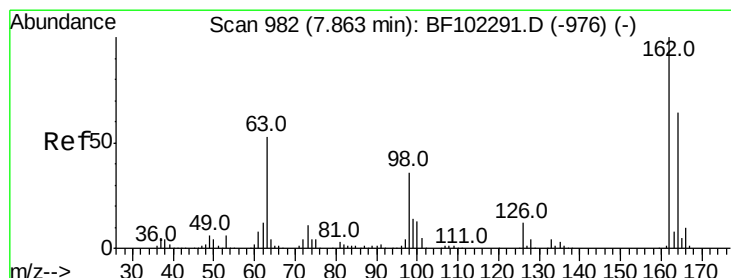
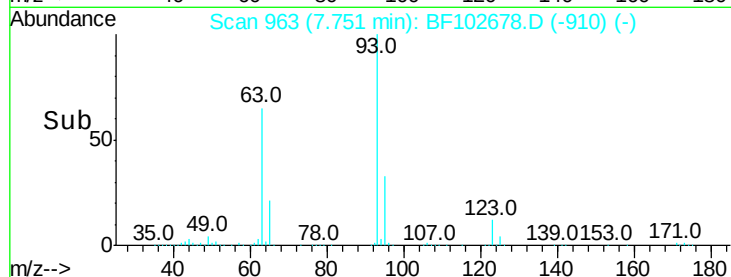
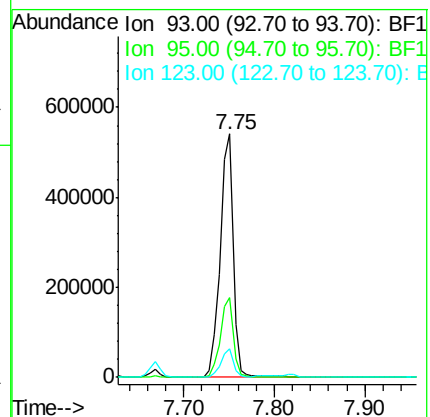
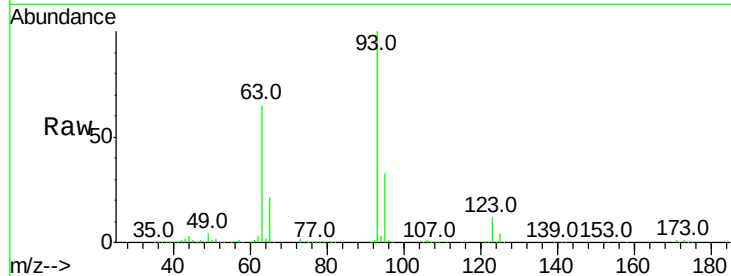
Tot Ion: 93 Resp: 541015

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.8	9.8	14.6

93 100

95 32.9 26.3 39.5

123 11.8 9.8 14.6



#29

2,4-Dichlorophenol

Concen: 44.186 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.02 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

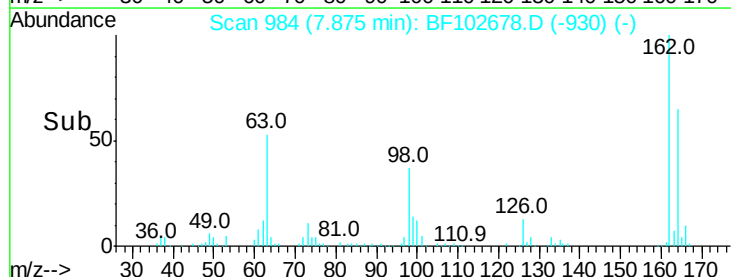
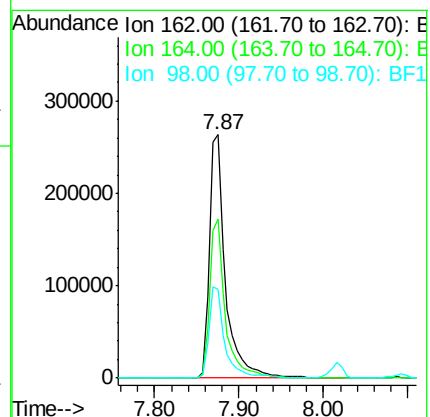
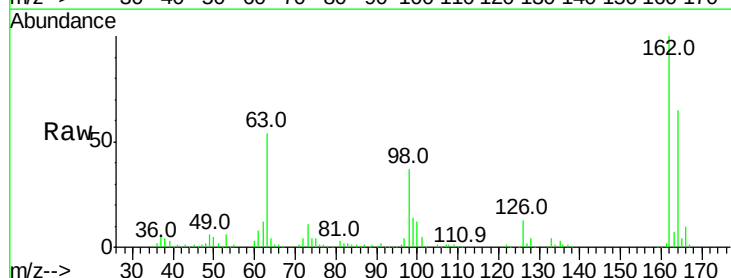
Tgt Ion: 162 Resp: 347793

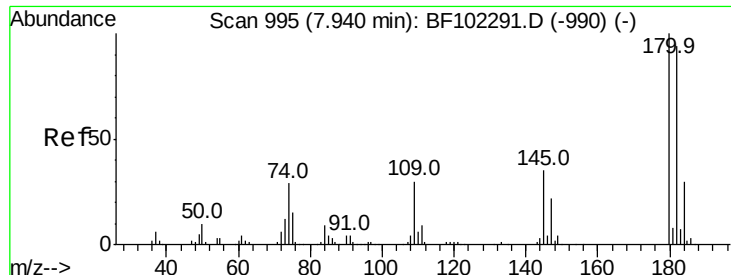
Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.7	82.7
98	36.5	18.1	58.1

162 100

164 65.1 42.7 82.7

98 36.5 18.1 58.1

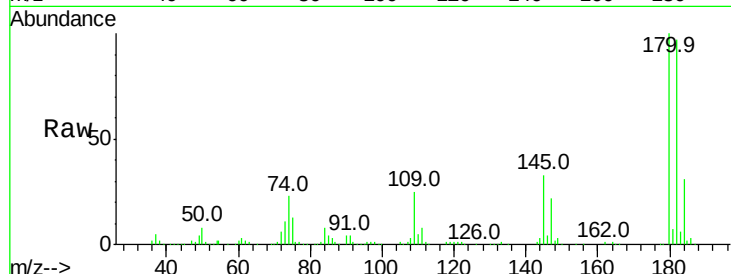




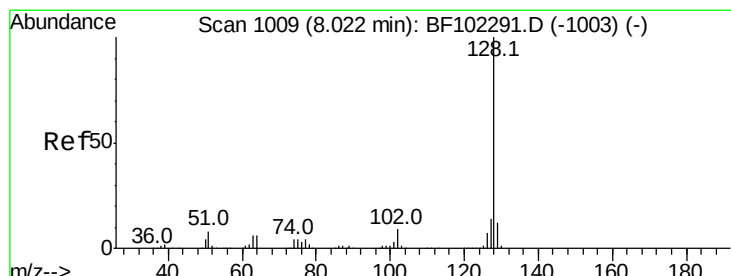
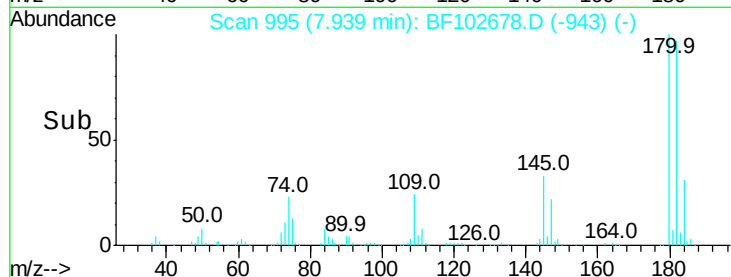
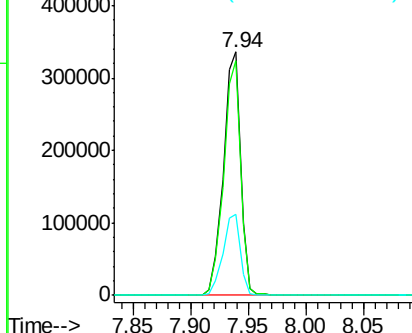
#30
 1,2,4-Trichlorobenzene
 Concen: 41.318 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:180 Resp: 348622
 Ion Ratio Lower Upper
 180 100
 182 96.5 76.8 115.2
 145 33.2 26.5 39.7

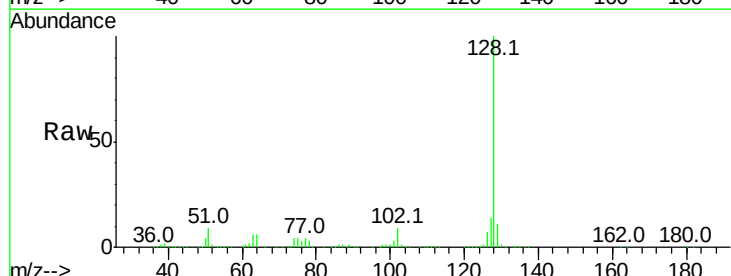


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

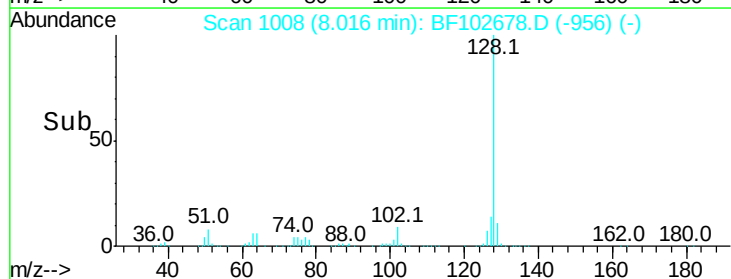
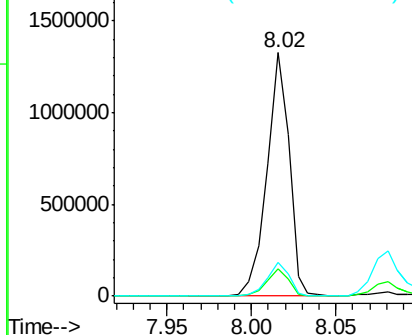


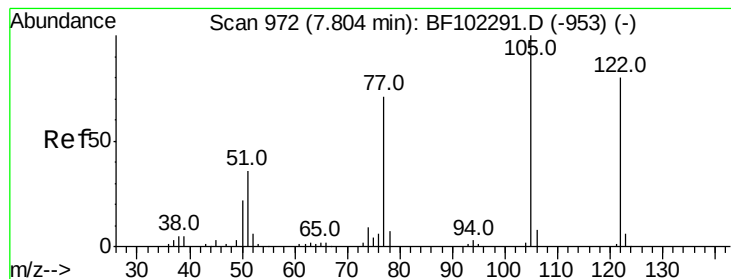
#31
 Naphthalene
 Concen: 42.793 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.01 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Tgt Ion:128 Resp: 1213122
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.8 13.2
 127 13.7 10.9 16.3



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





#32

Benzoic acid

Concen: 24.607 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

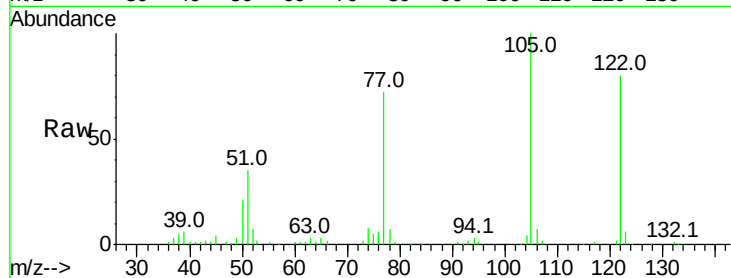
Tot Ion:122 Resp: 159305

Ion Ratio Lower Upper

122 100

105 125.0 101.1 141.1

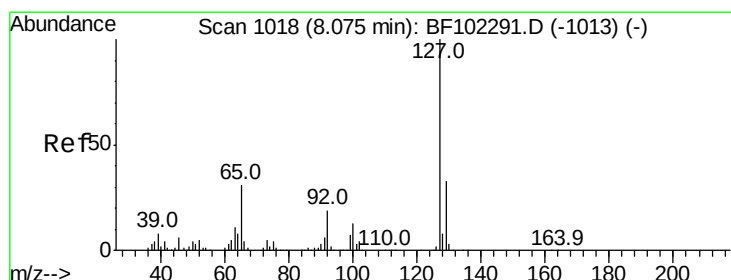
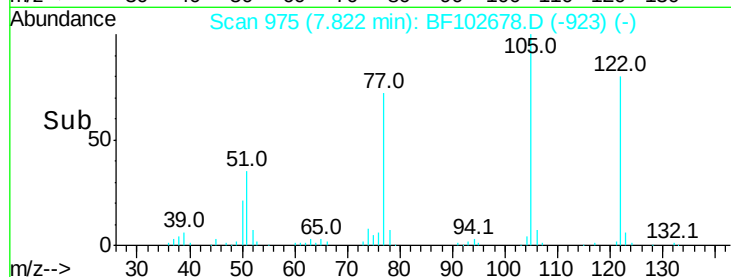
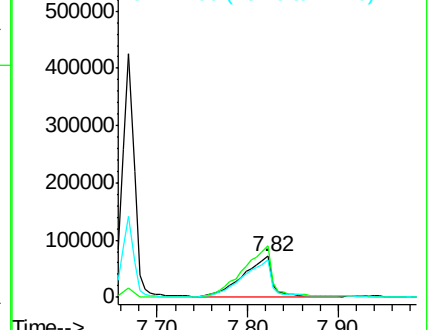
77 90.6 70.7 110.7



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: 28.721 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Tgt Ion:127 Resp: 342378

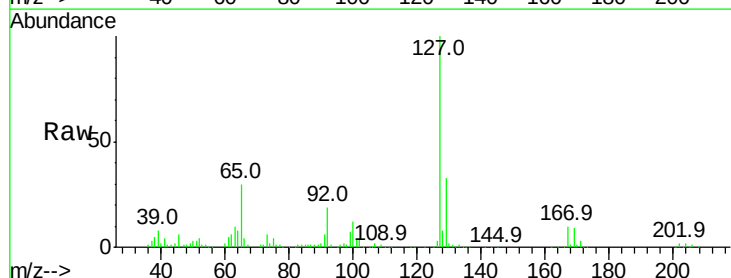
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 29.9 25.0 37.4

92 18.7 15.2 22.8

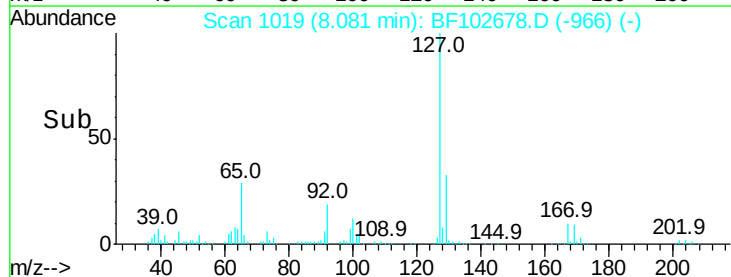
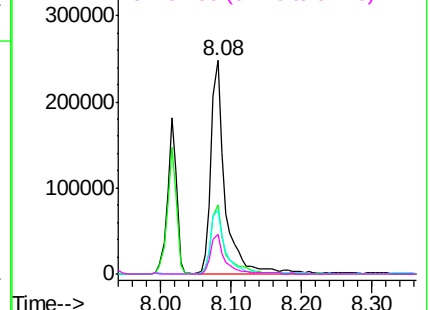


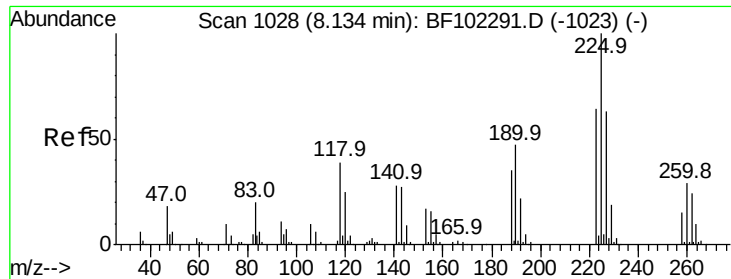
Abundance Ion 127.00 (126.70 to 127.70): E

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

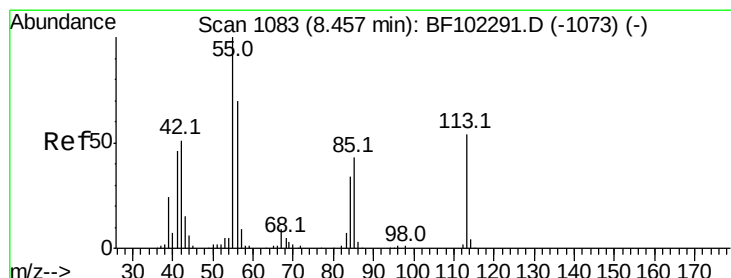
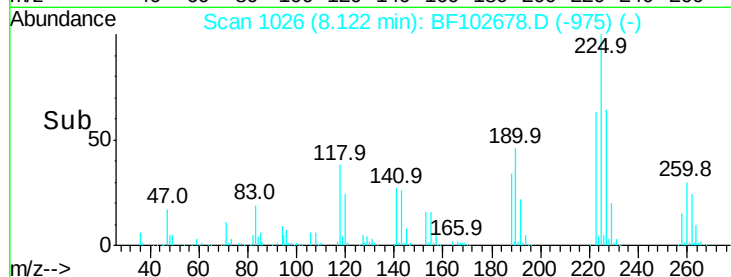
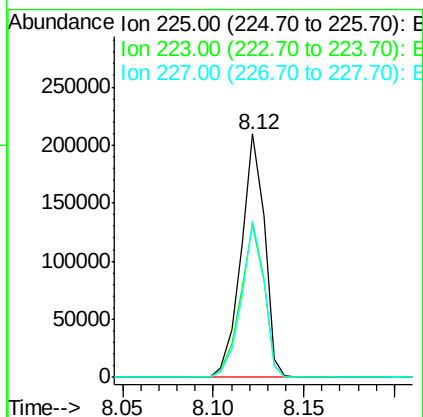
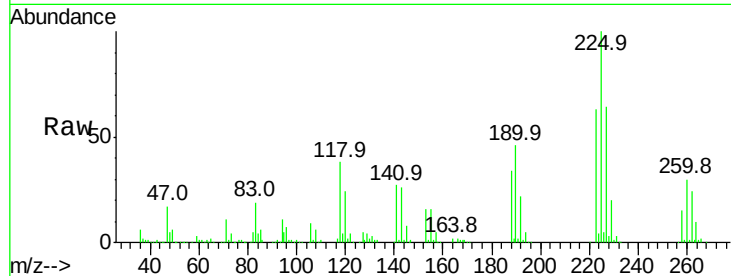




#34
Hexachlorobutadiene
Concen: 41.655 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

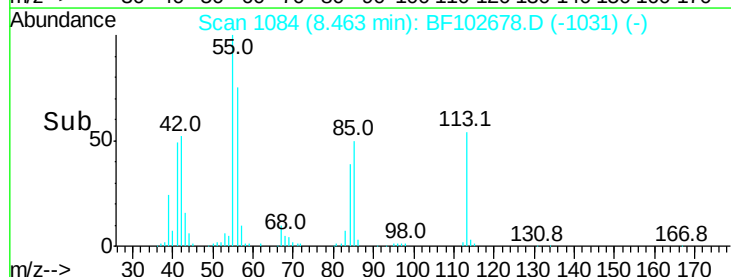
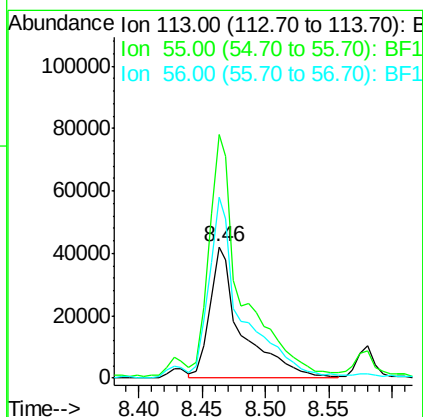
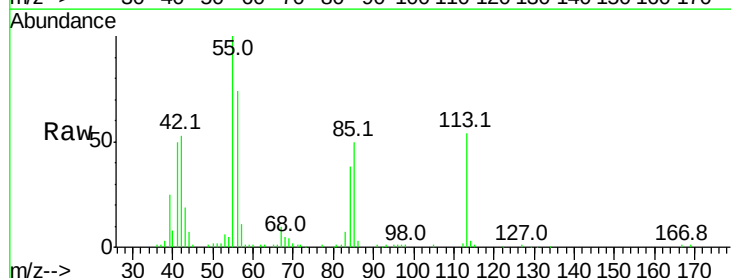
Instrument :
BNA_F
ClientSampleId :

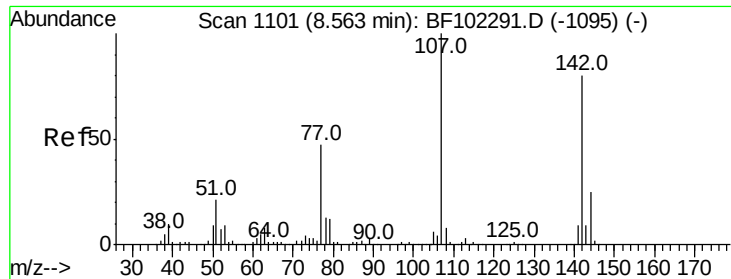
Tot Ion:225 Resp: 187714
Ion Ratio Lower Upper
225 100
223 62.9 50.6 76.0
227 64.2 51.9 77.9



#35
Caprolactam
Concen: 28.236 ng
RT: 8.46 min Scan# 1084
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion:113 Resp: 73400
Ion Ratio Lower Upper
113 100
55 185.7 163.3 203.3
56 137.6 115.7 155.7

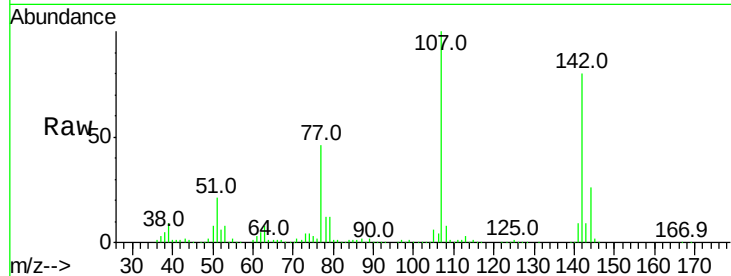




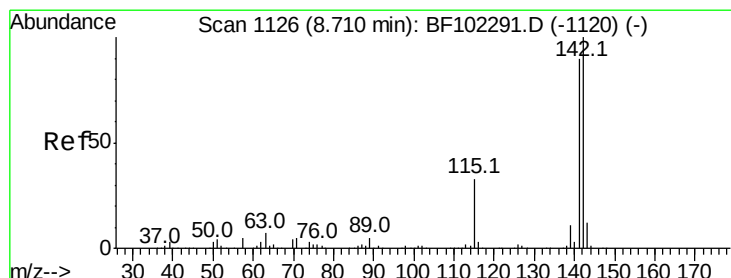
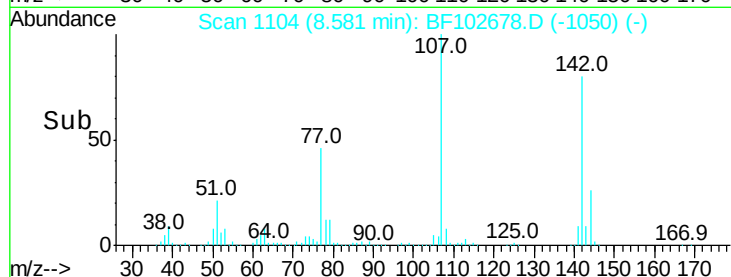
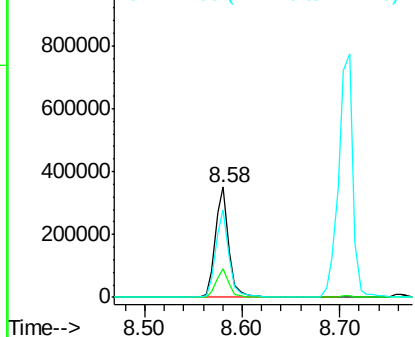
#36
 4-Chloro-3-methylphenol
 Concen: 40.715 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.02 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.5	30.7
142	79.5	62.0	93.0

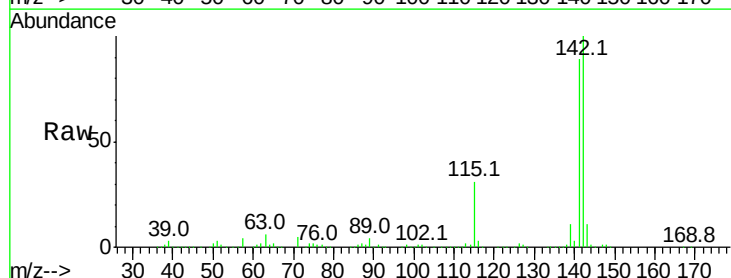


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

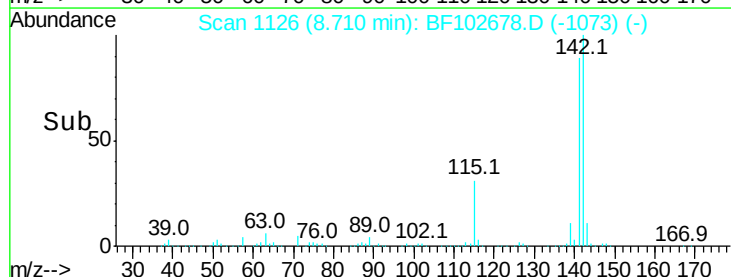
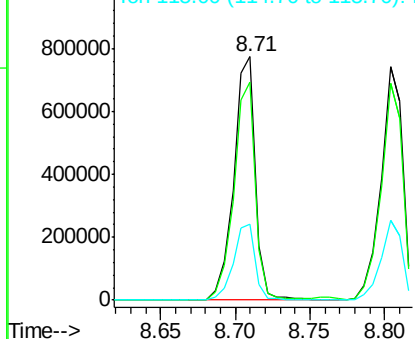


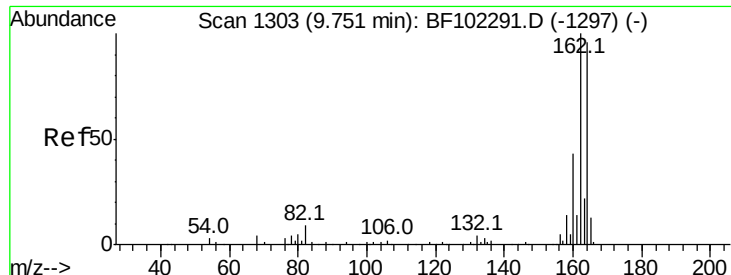
#37
 2-Methylnaphthalene
 Concen: 41.458 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	31.3	26.1	39.1



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

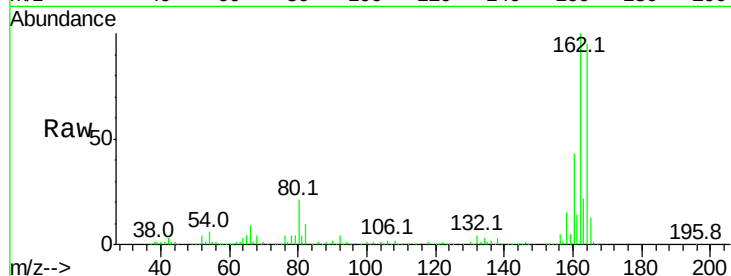
Tot Ion:164 Resp: 206906

Ion Ratio Lower Upper

164 100

162 105.3 86.1 129.1

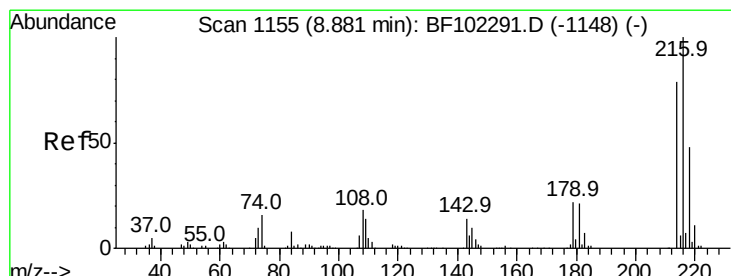
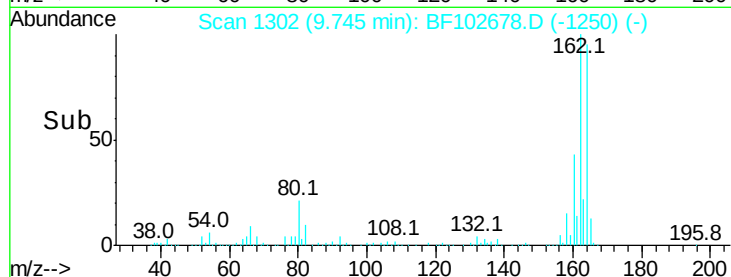
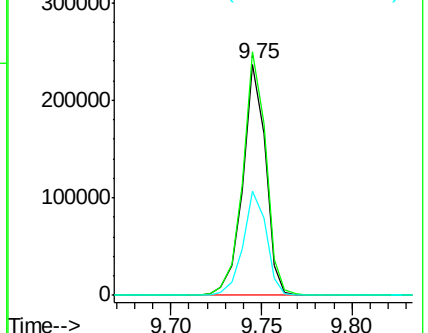
160 45.2 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.828 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Tgt Ion:216 Resp: 297731

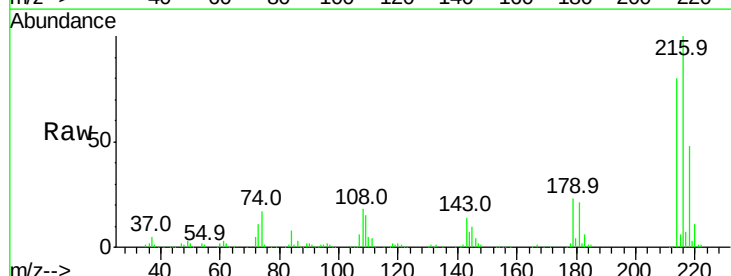
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 23.2 18.1 27.1

108 20.3 17.2 25.8

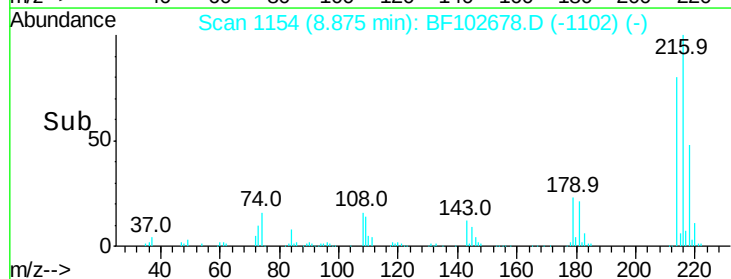
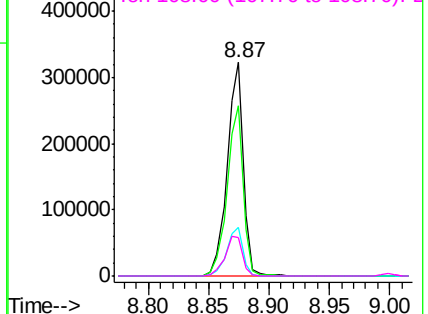


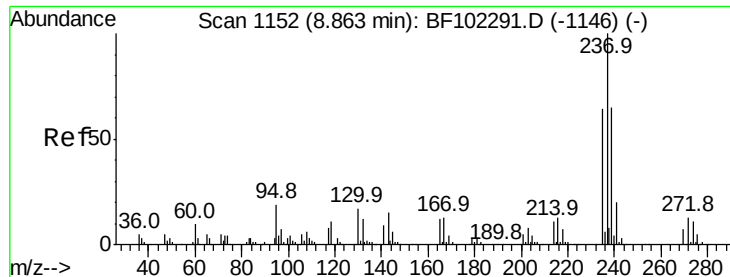
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 2.187 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

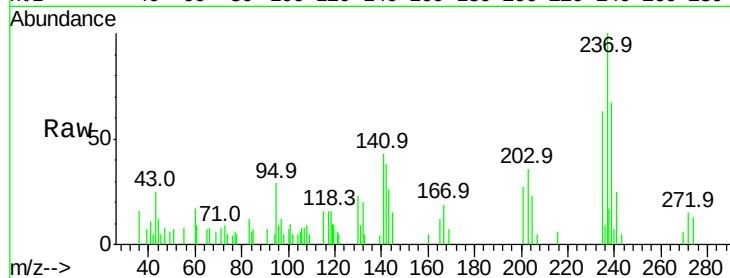
Tot Ion:237 Resp: 6092

Ion Ratio Lower Upper

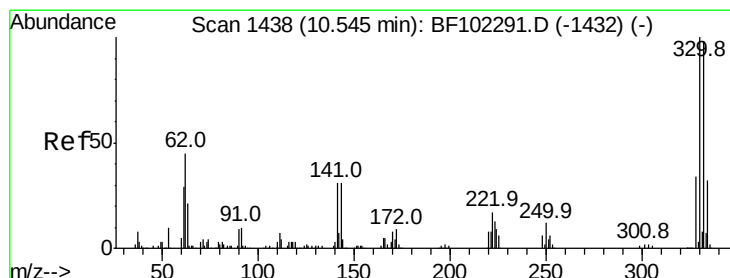
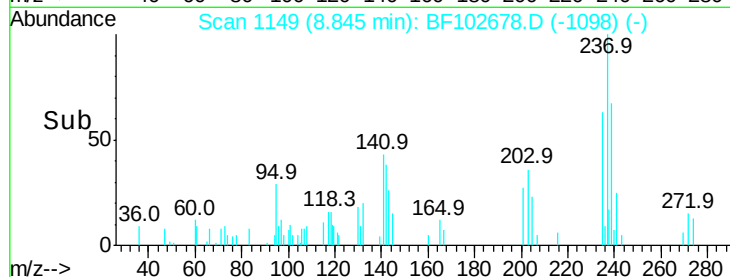
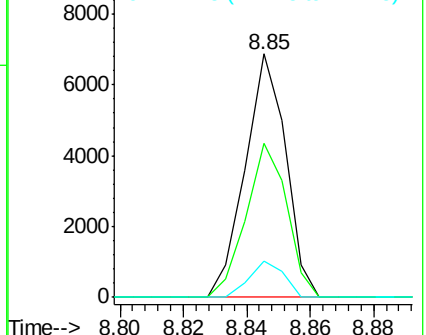
237 100

235 63.3 44.8 84.8

272 15.1 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 106.396 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

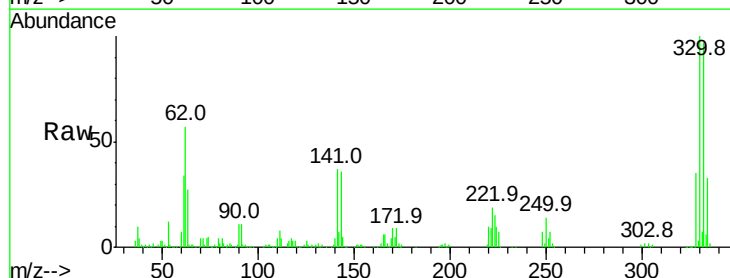
Tgt Ion:330 Resp: 218127

Ion Ratio Lower Upper

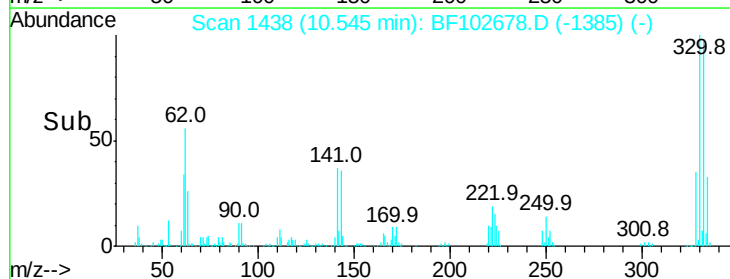
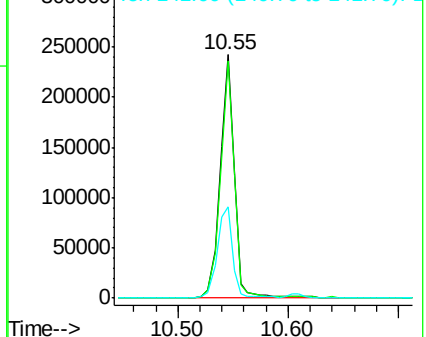
330 100

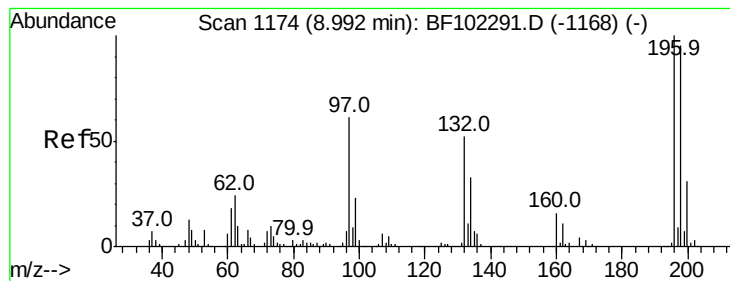
332 95.9 77.0 115.6

141 40.5 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: 46.376 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampled :

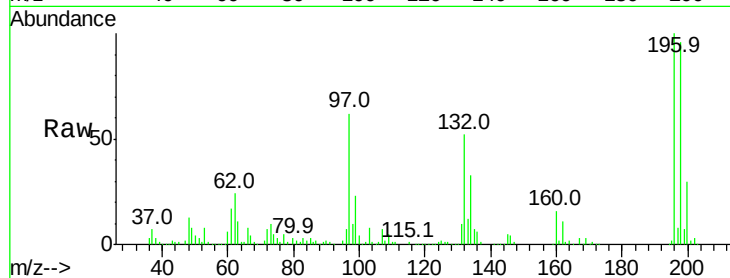
Tot Ion:196 Resp: 193258

Ion Ratio Lower Upper

196 100

198 96.3 75.7 113.5

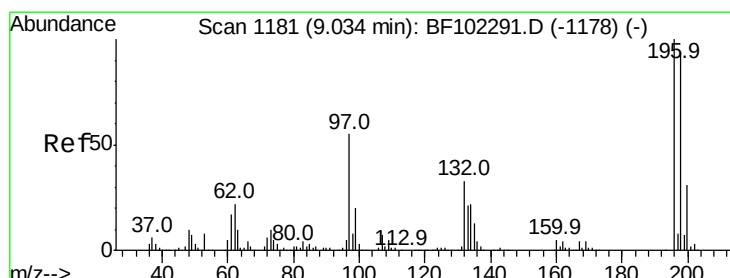
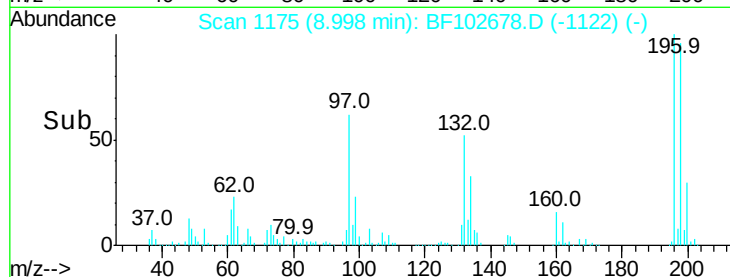
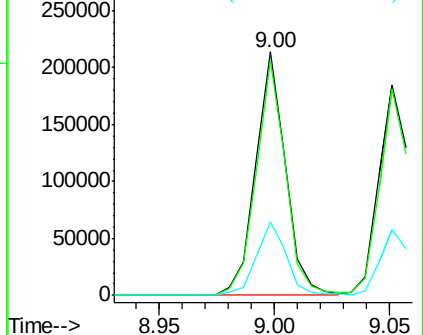
200 30.2 24.5 36.7



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: 40.311 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.02 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Tgt Ion:196 Resp: 189139

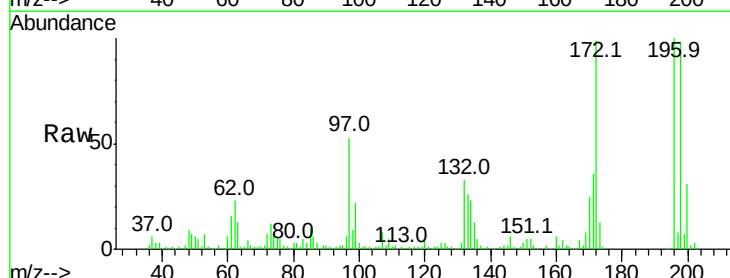
Ion Ratio Lower Upper

196 100

198 98.2 74.6 112.0

97 53.5 42.9 64.3

132 33.2 26.3 39.5

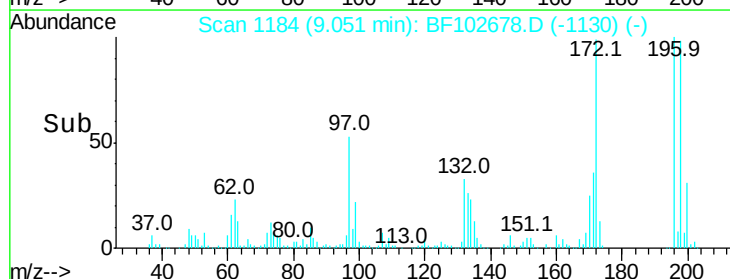
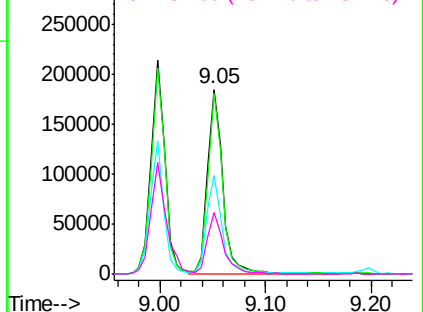


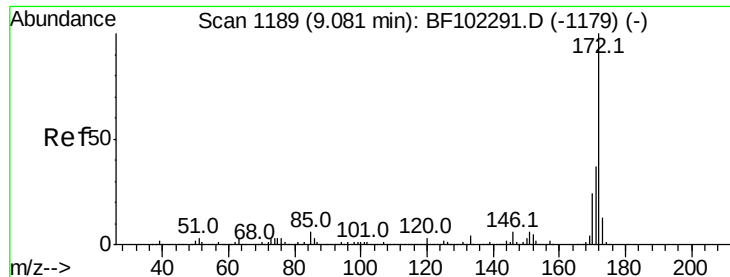
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

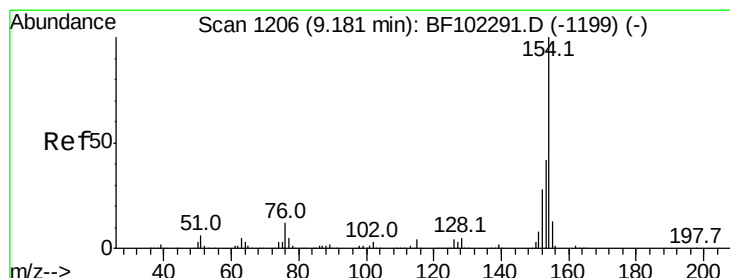
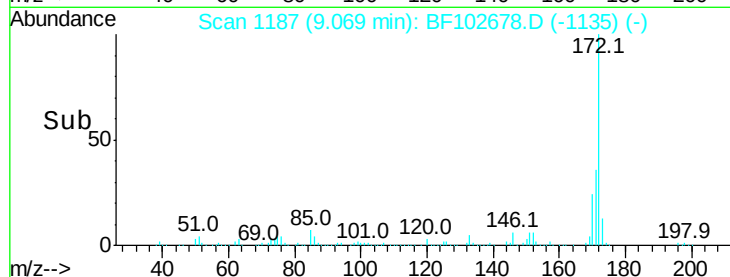
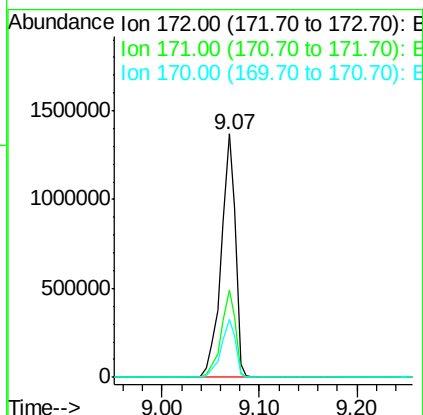
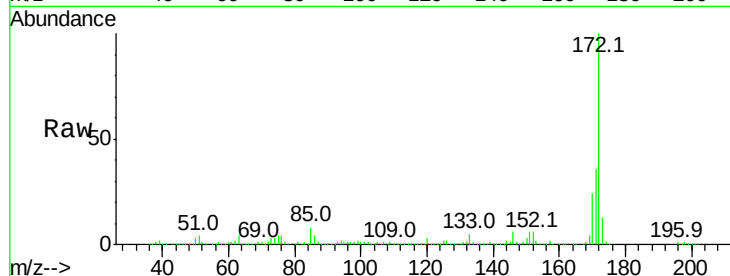




#44
2-Fluorobiphenyl
Concen: 98.025 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

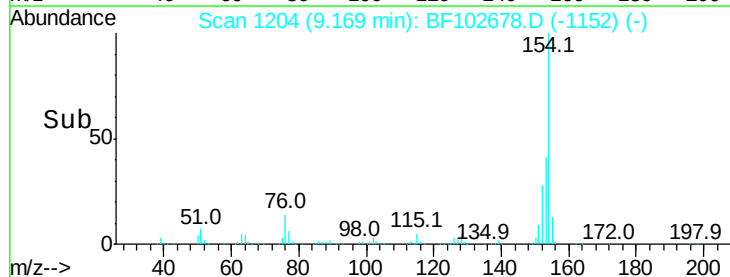
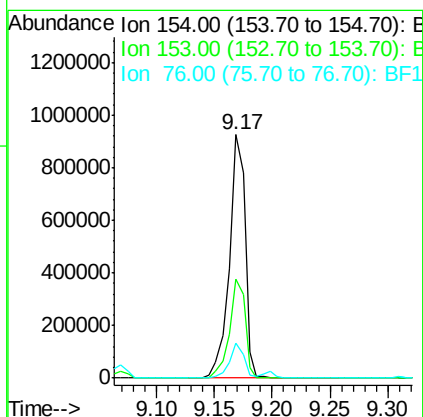
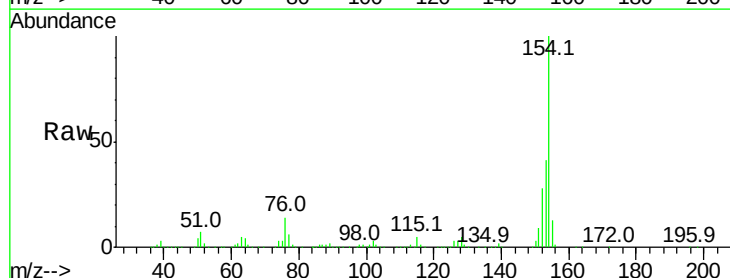
Instrument :
BNA_F
ClientSampleId :

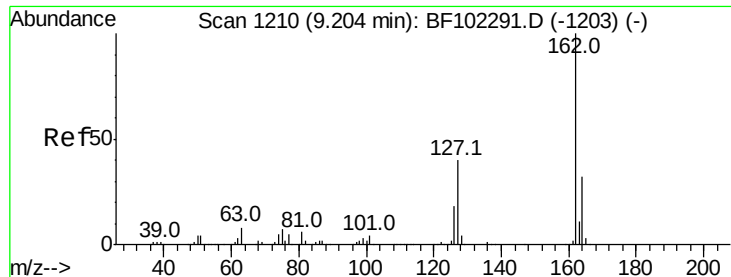
Tot Ion:172 Resp: 1379393
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.1 19.6 29.4



#45
1,1'-Biphenyl
Concen: 47.310 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion:154 Resp: 875265
Ion Ratio Lower Upper
154 100
153 40.9 21.3 61.3
76 14.4 0.0 34.0

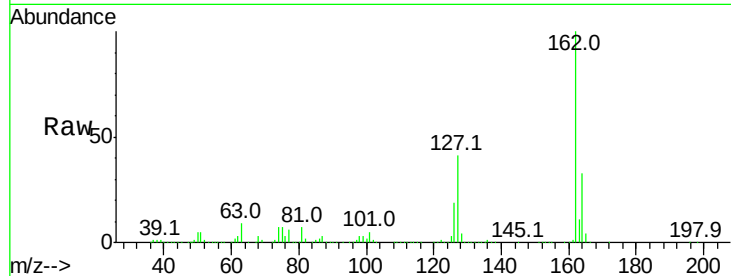




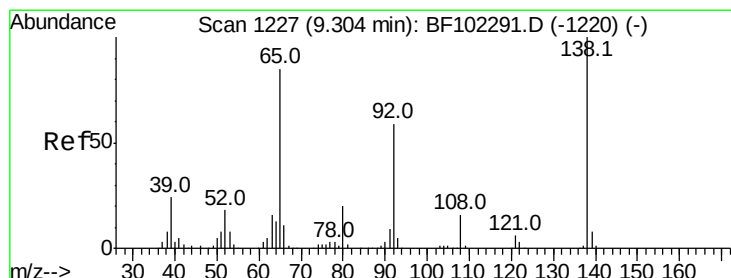
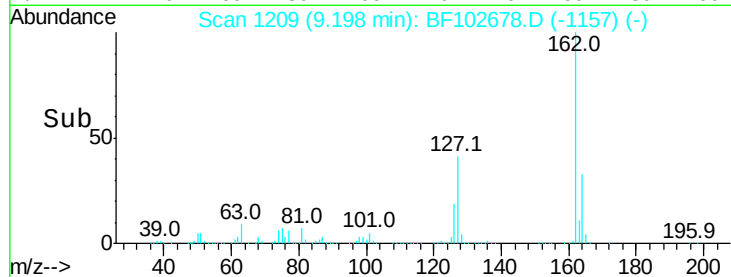
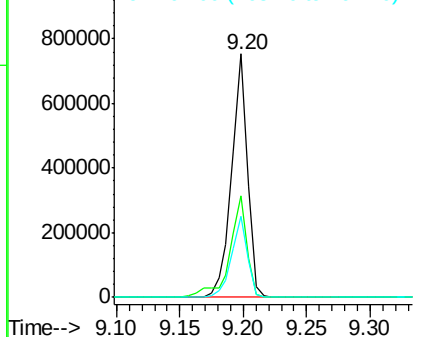
#46
 2-Chloronaphthalene
 Concen: 45.150 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.9	50.9
164	33.2	26.5	39.7

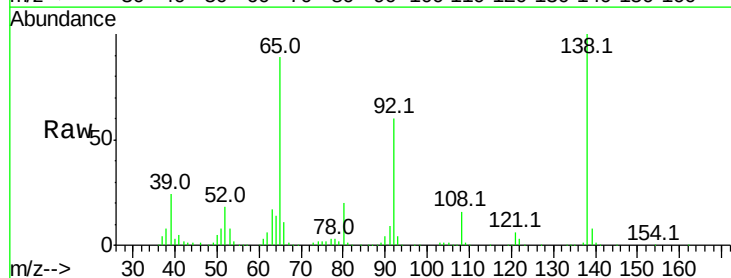


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

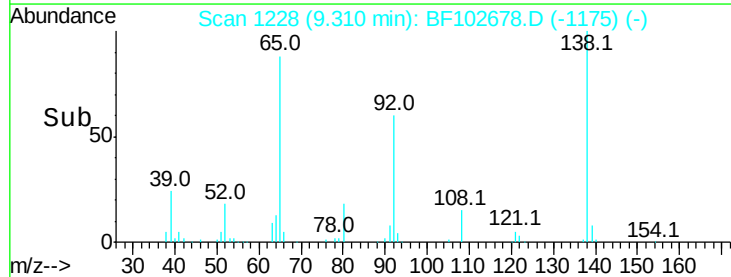
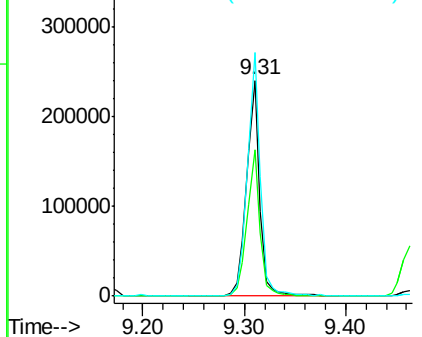


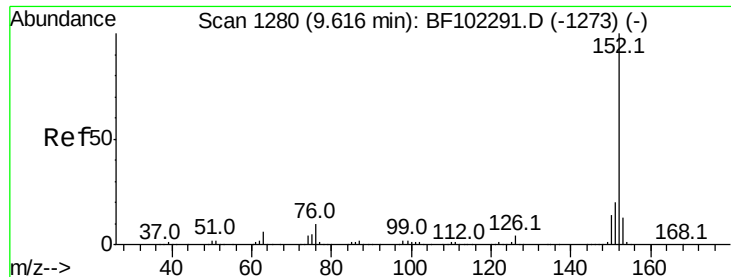
#47
 2-Nitroaniline
 Concen: 48.782 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	55.8	83.6
138	112.8	91.2	136.8



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





#48

Acenaphthylene

Concen: 41.774 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampled :

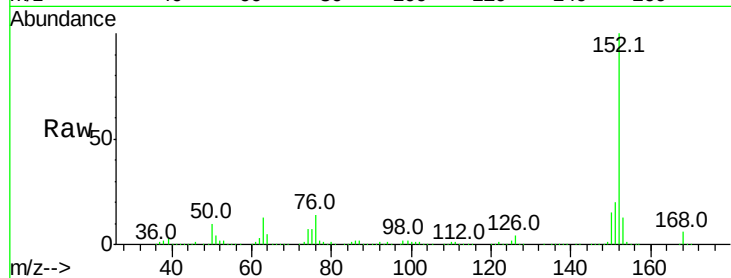
Tot Ion:152 Resp: 935904

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

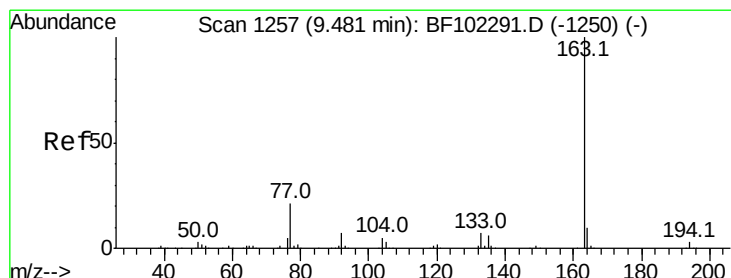
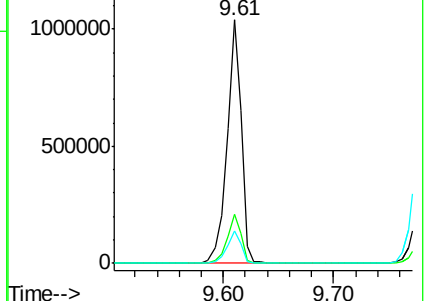
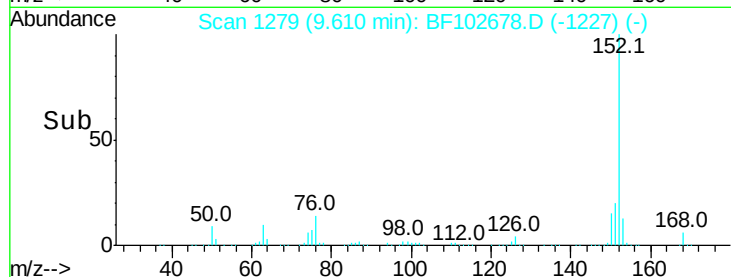
153 13.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 44.852 ng

RT: 9.47 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

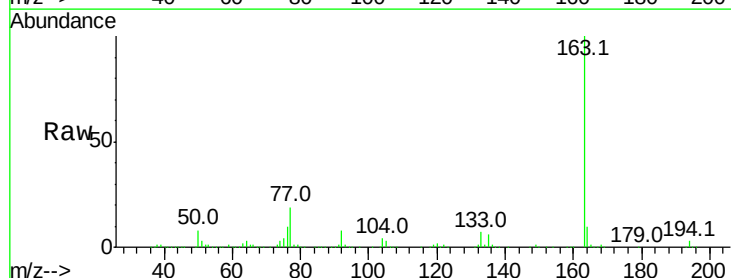
Tgt Ion:163 Resp: 767069

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

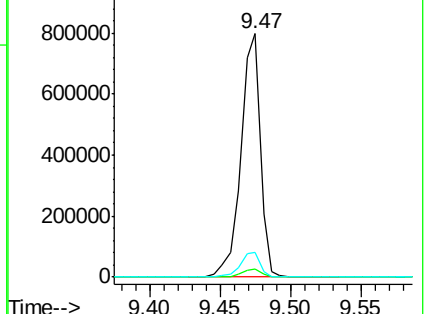
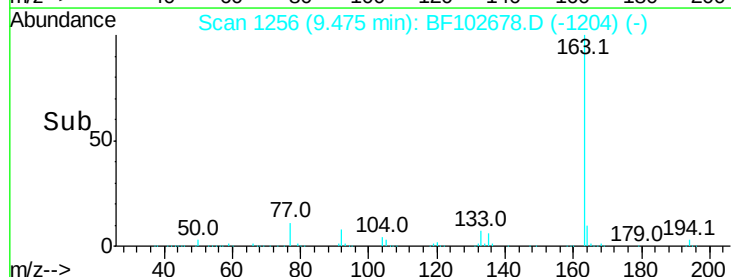
164 9.9 8.2 12.2

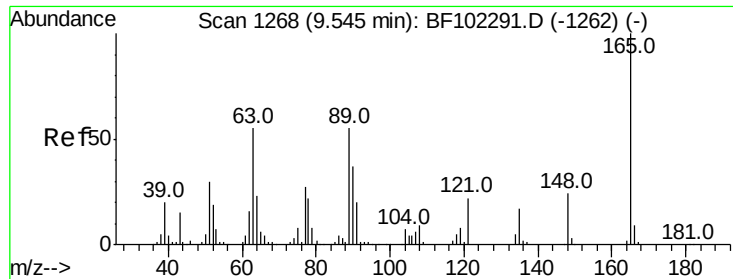


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

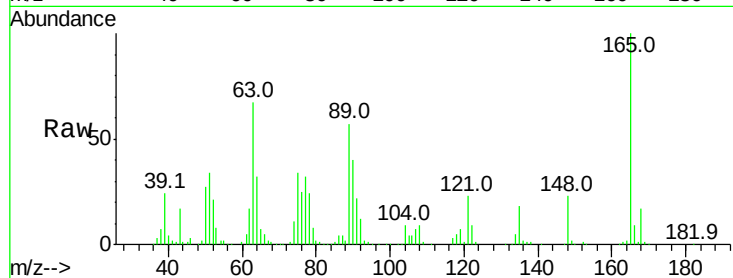




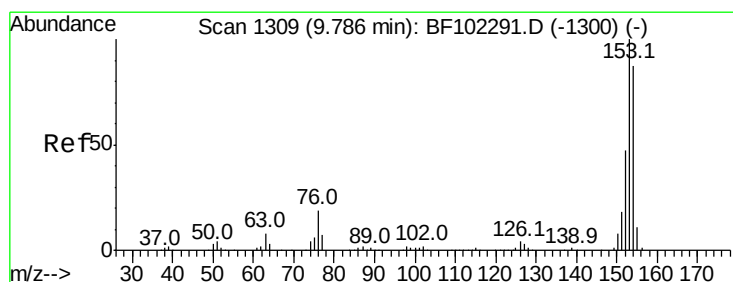
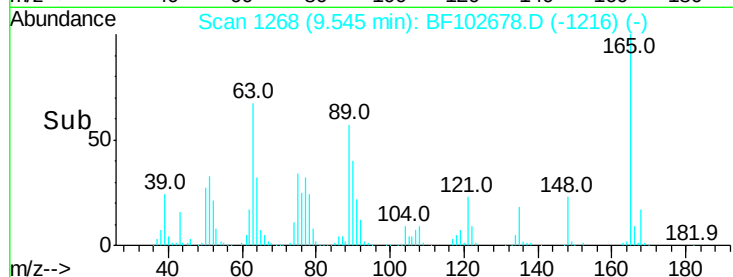
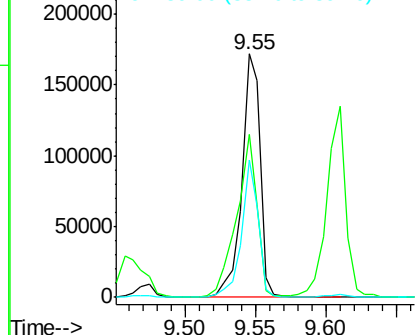
#50
2,6-Dinitrotoluene
Concen: 41.867 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 154374
Ion Ratio Lower Upper
165 100
63 67.1 44.7 67.1
89 56.6 44.0 66.0

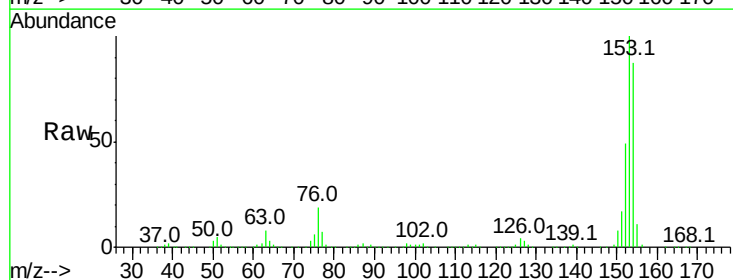


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

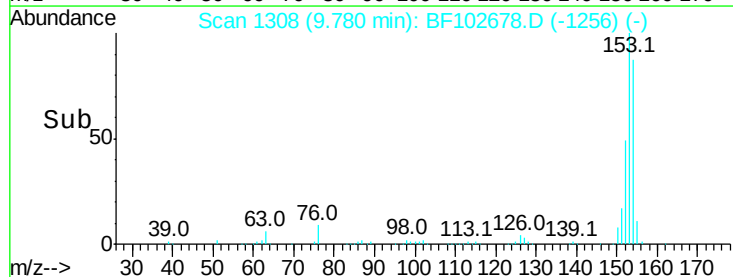
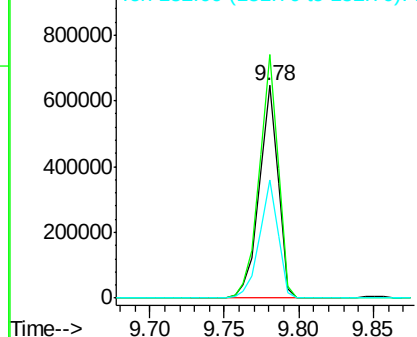


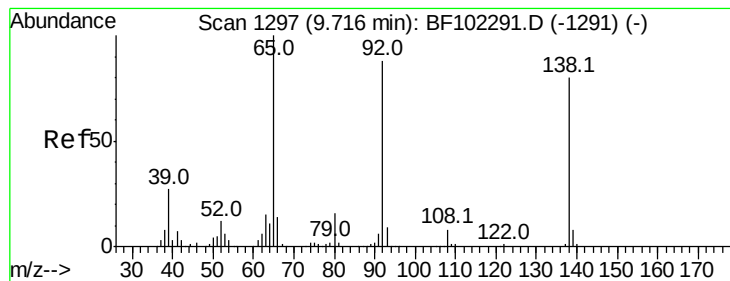
#51
Acenaphthene
Concen: 42.744 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion:154 Resp: 559284
Ion Ratio Lower Upper
154 100
153 114.6 91.2 136.8
152 55.8 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: 40.936 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampled :

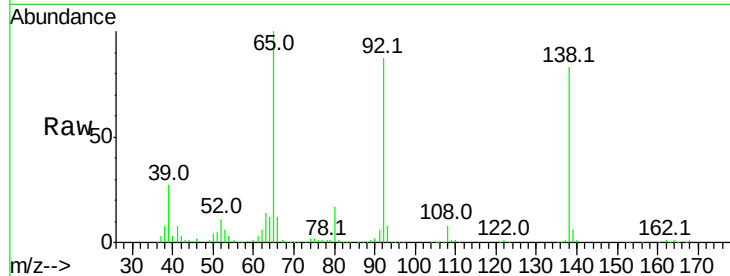
Tot Ion:138 Resp: 178561

Ion Ratio Lower Upper

138 100

108 9.5 9.4 14.0

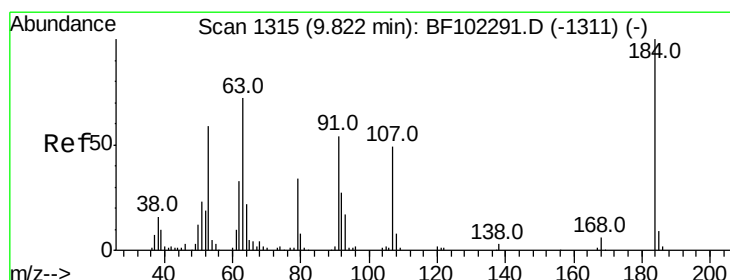
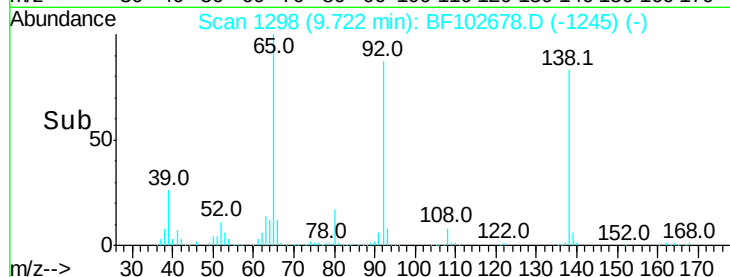
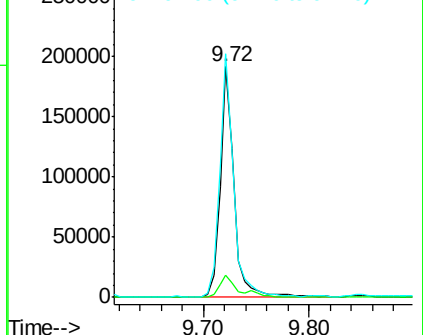
92 105.6 89.4 134.2



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: 12.820 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.02 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

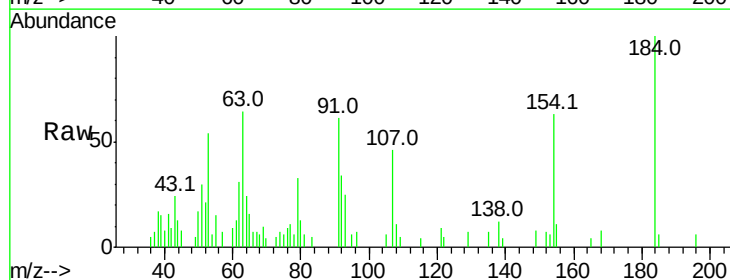
Tgt Ion:184 Resp: 15826

Ion Ratio Lower Upper

184 100

63 63.7 54.2 81.2

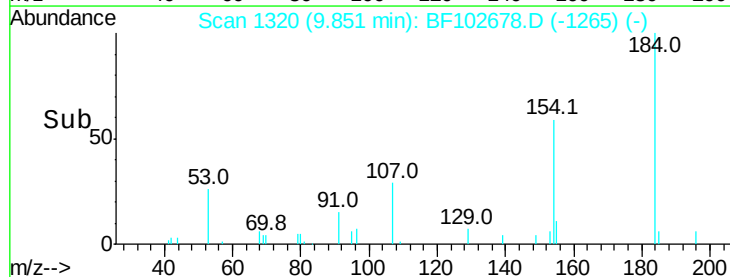
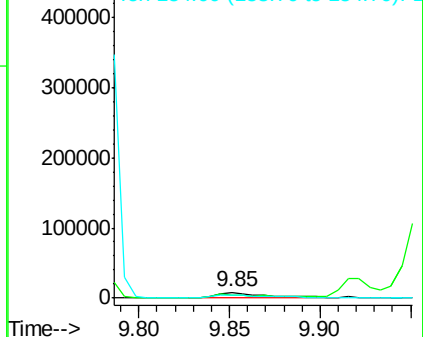
154 63.3 184.0 276.0#

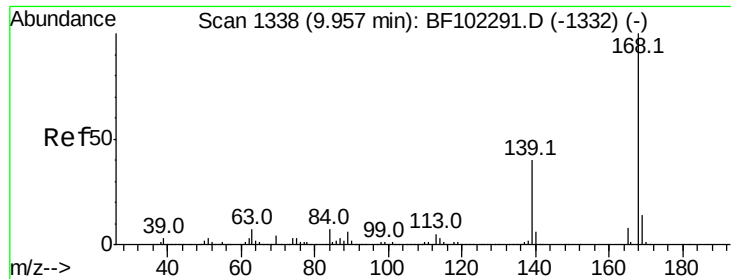


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

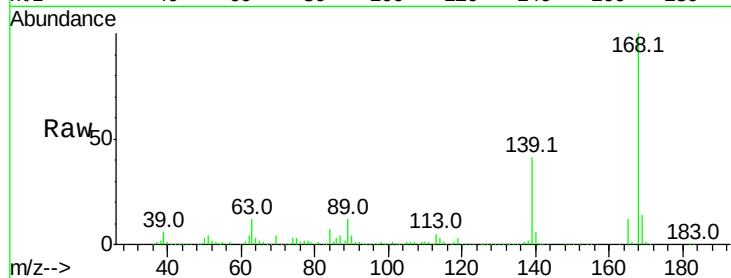




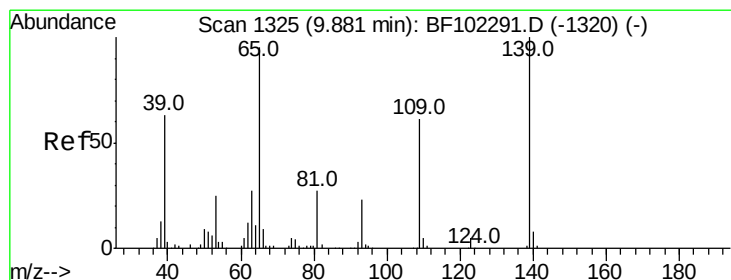
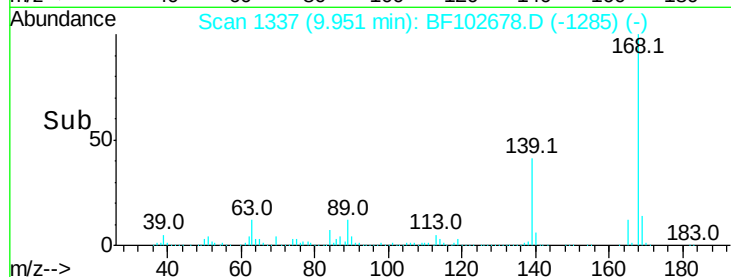
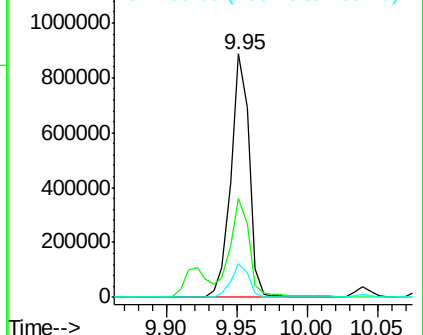
#54
Dibenzenofuran
Concen: 45.284 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 801892
Ion Ratio Lower Upper
168 100
139 40.7 30.1 45.1
169 13.6 10.9 16.3

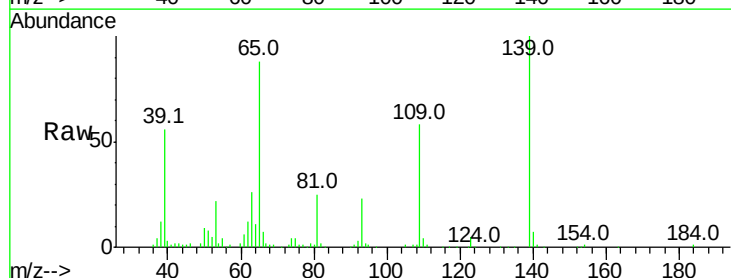


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

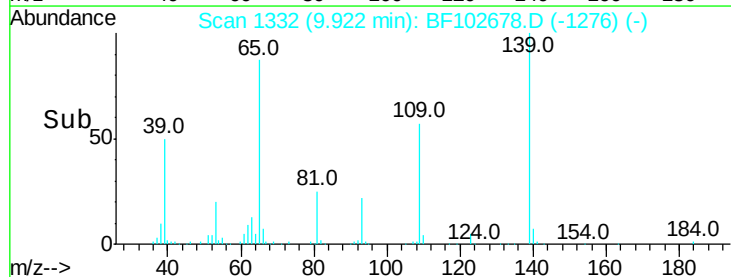
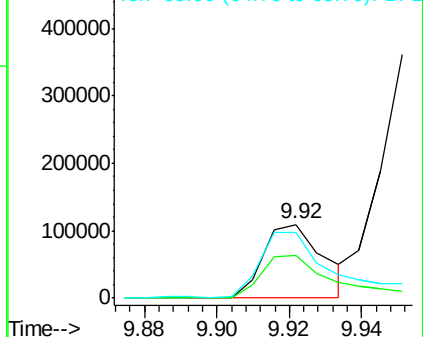


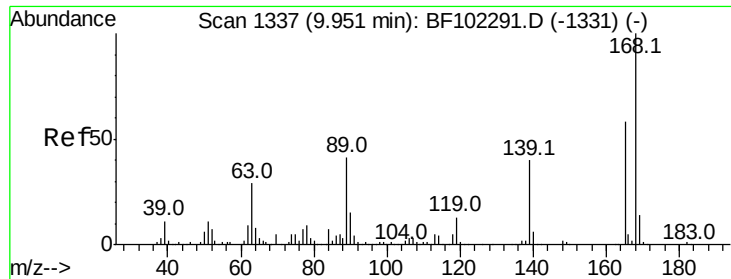
#55
4-Nitrophenol
Concen: 43.703 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.03 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion:139 Resp: 125833
Ion Ratio Lower Upper
139 100
109 57.9 48.4 88.4
65 88.0 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: 38.482 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 174487

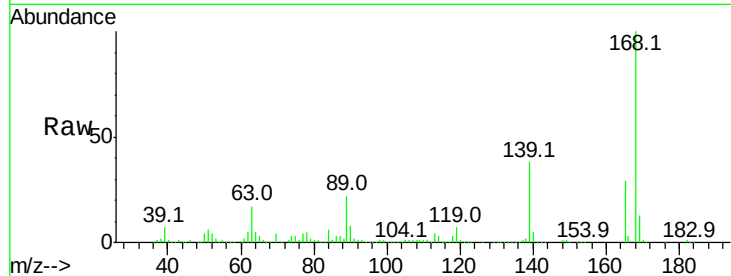
Ion Ratio Lower Upper

165 100

63 58.0 36.4 54.6#

89 78.3 57.8 86.6

182 2.4 1.6 2.4

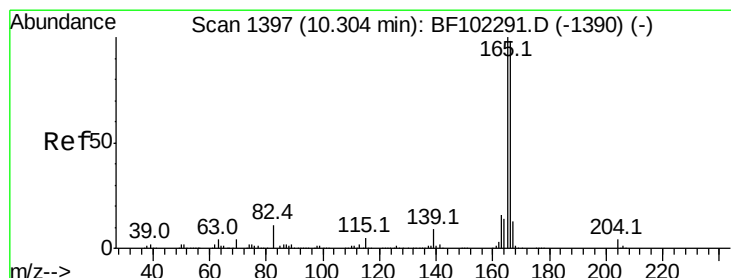
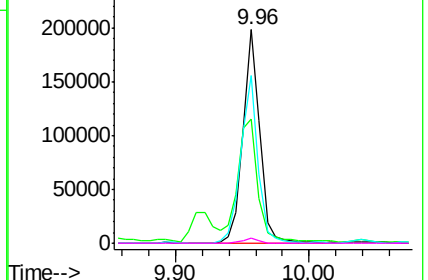
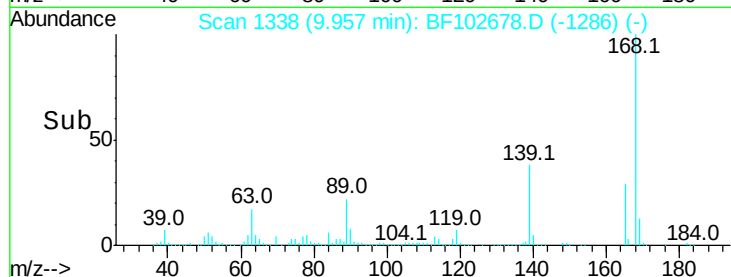


Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.083 ng

RT: 10.30 min Scan# 1396

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

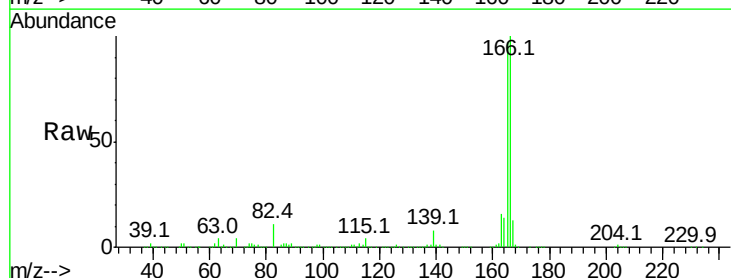
Tgt Ion:166 Resp: 632609

Ion Ratio Lower Upper

166 100

165 97.4 79.8 119.8

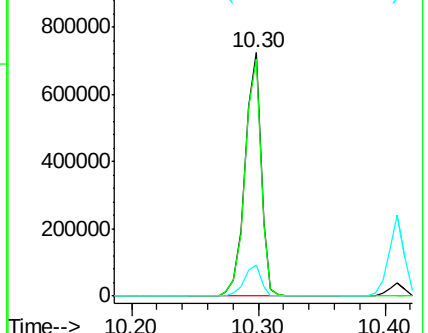
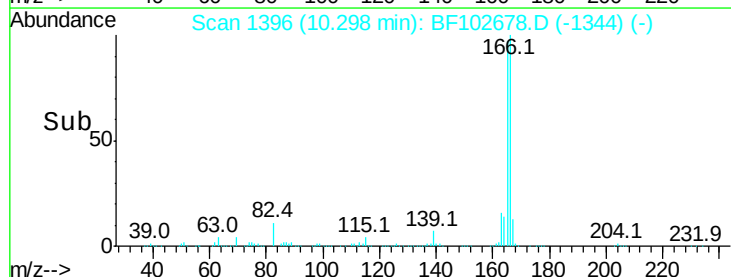
167 13.0 10.6 16.0

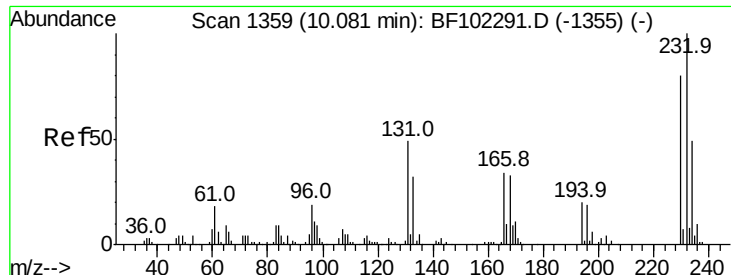


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

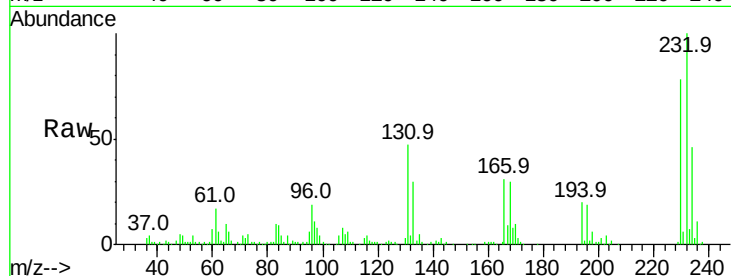




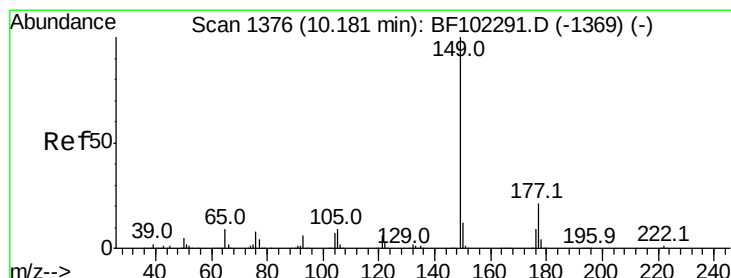
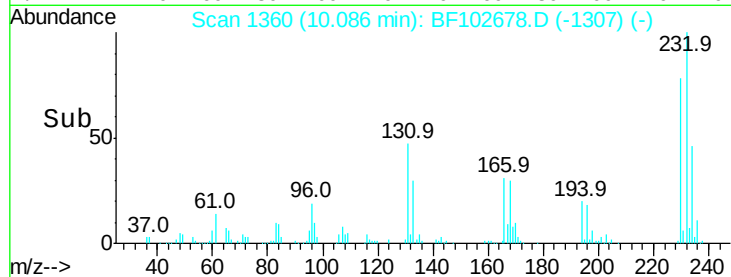
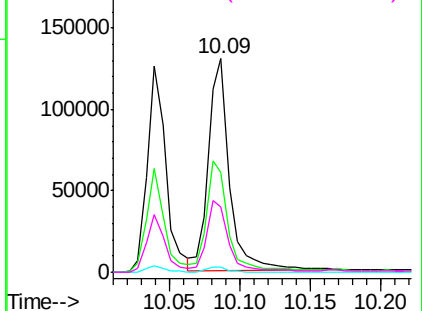
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.103 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 137696
 Ion Ratio Lower Upper
 232 100
 131 49.8 43.8 65.8
 130 2.6 2.1 3.1
 166 33.7 27.8 41.6

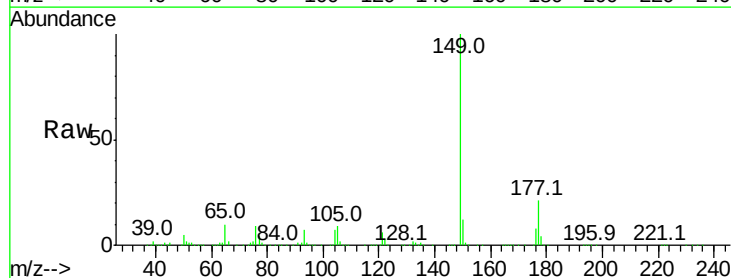


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

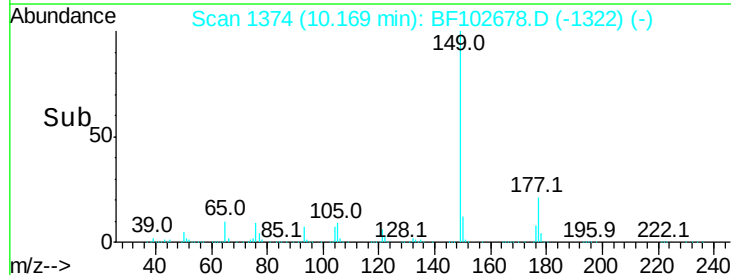
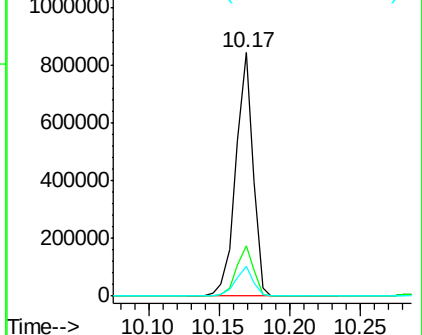


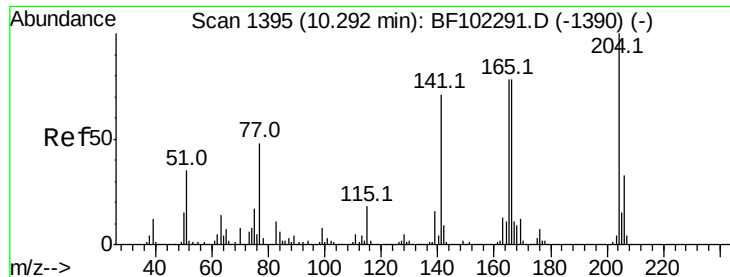
#59
 Diethylphthalate
 Concen: 43.153 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Tgt Ion:149 Resp: 717162
 Ion Ratio Lower Upper
 149 100
 177 20.7 16.1 24.1
 150 12.4 10.1 15.1



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

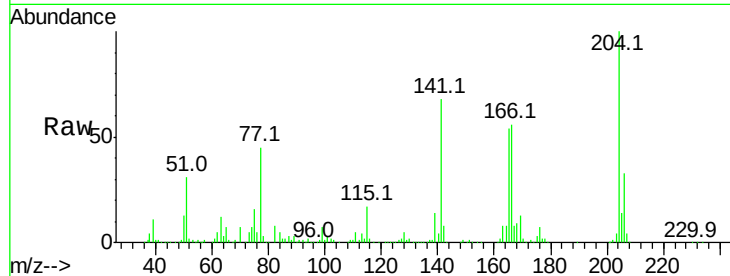




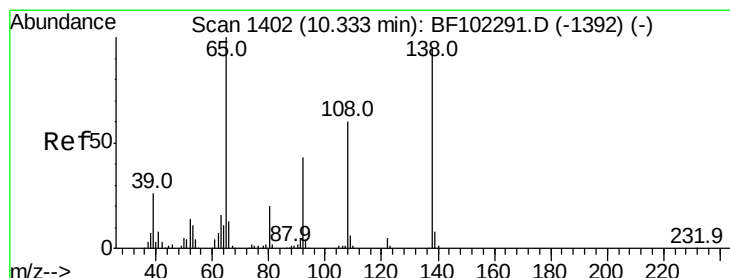
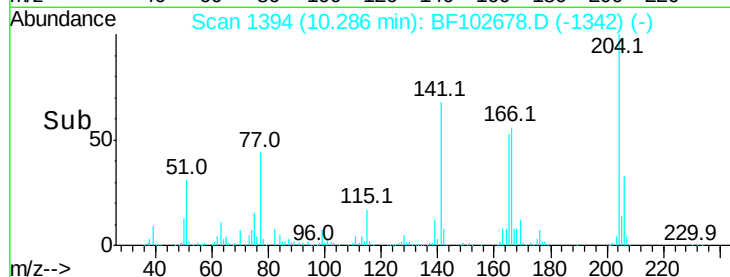
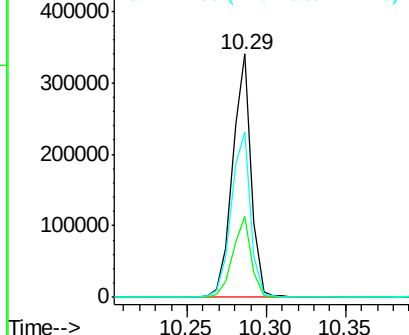
#60
4-Chlorophenyl-phenylether
Concen: 45.315 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 275679
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 68.1 54.6 81.8

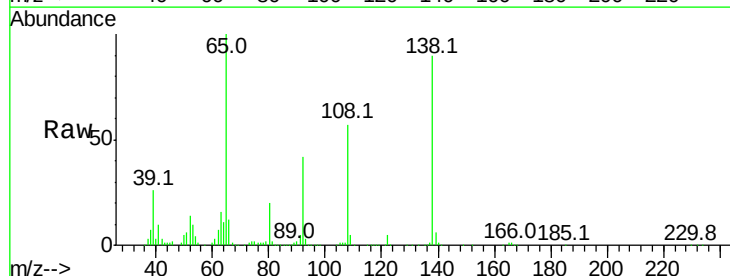


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

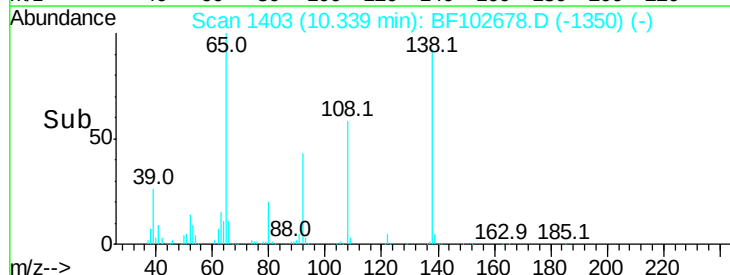
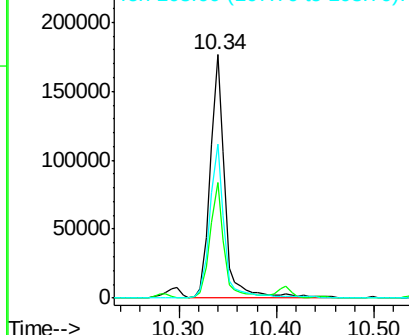


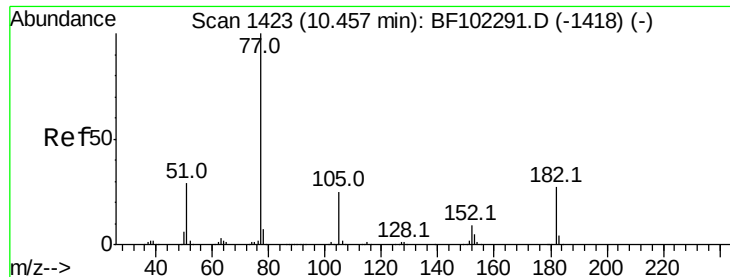
#61
4-Nitroaniline
Concen: 41.832 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion:138 Resp: 182078
Ion Ratio Lower Upper
138 100
92 47.3 30.2 70.2
108 63.5 52.5 92.5



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





#62

Azobenzene

Concen: 42.233 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 642612

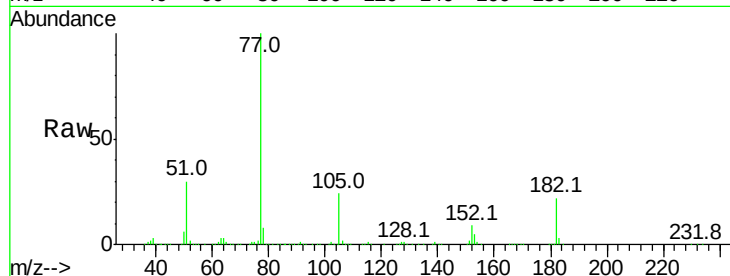
Ion Ratio Lower Upper

77 100

182 22.4 1.7 41.7

105 23.8 3.0 43.0

51 30.5 9.9 49.9

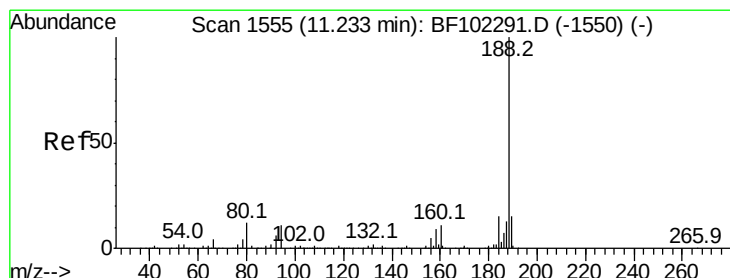
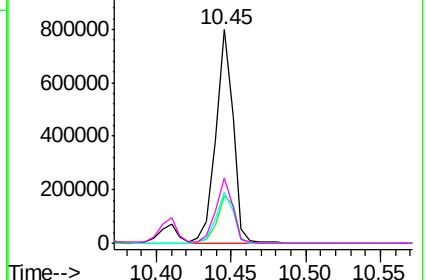
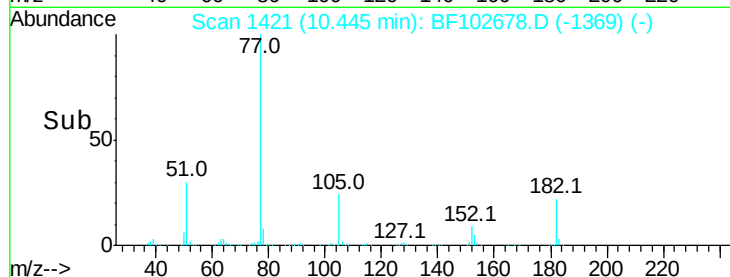


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

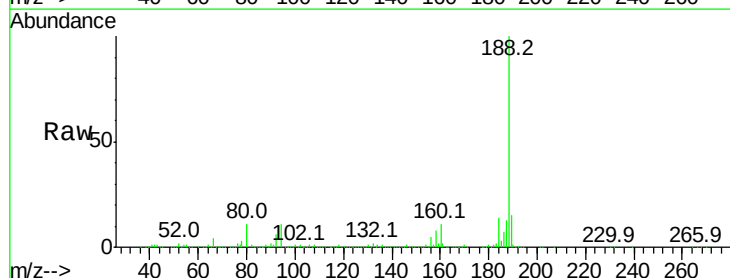
Tgt Ion: 188 Resp: 324874

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

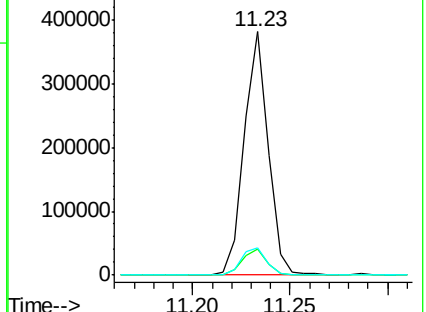
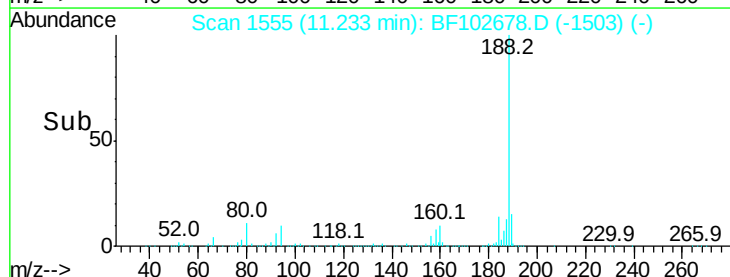
80 11.5 9.2 13.8

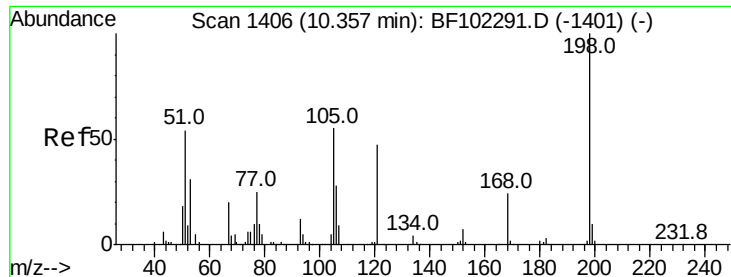


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 6.936 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

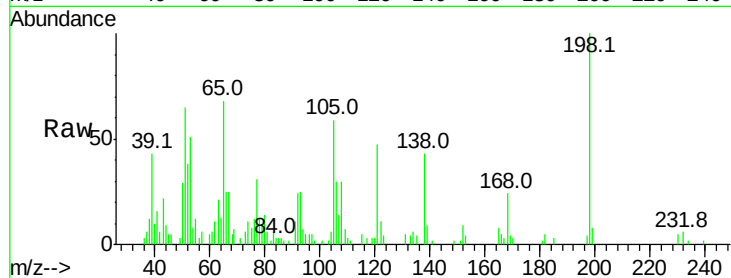
Tot Ion:198 Resp: 15033

Ion Ratio Lower Upper

198 100

51 64.7 37.7 77.7

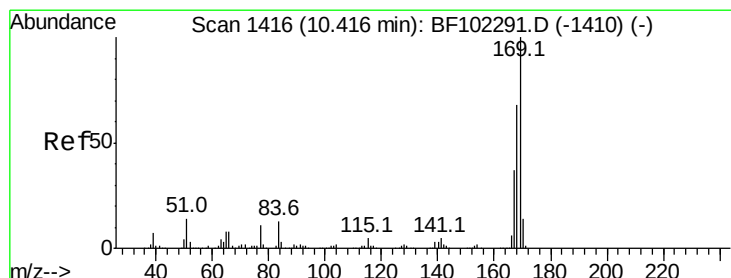
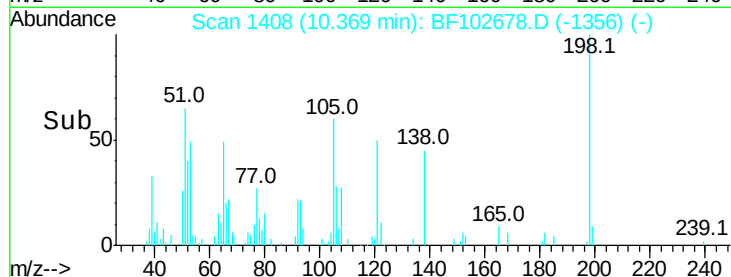
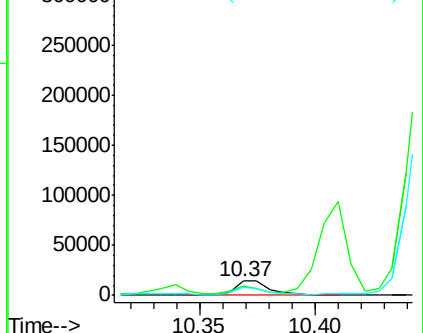
105 59.4 36.3 76.3



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: 46.971 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

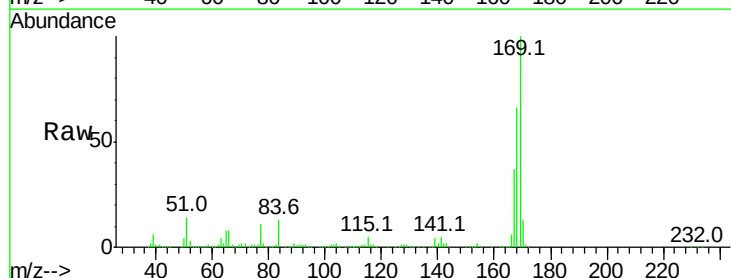
Tgt Ion:169 Resp: 560087

Ion Ratio Lower Upper

169 100

168 66.3 54.4 81.6

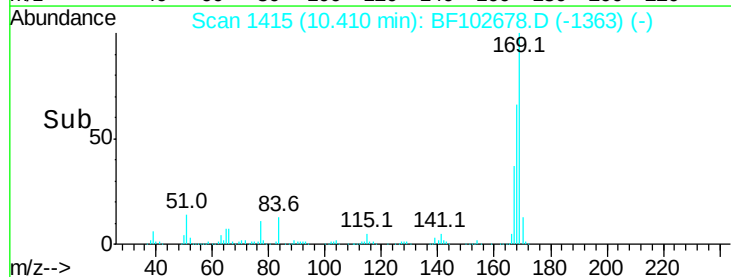
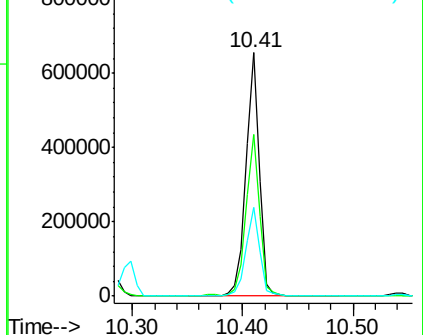
167 36.7 29.8 44.6

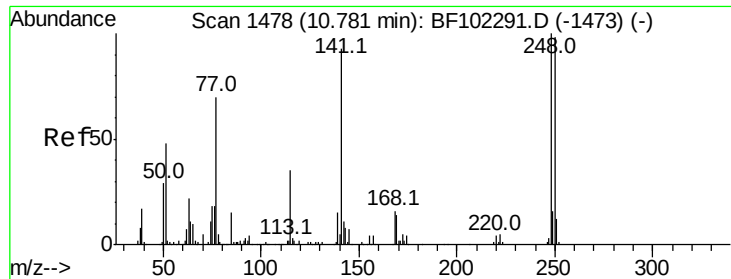


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

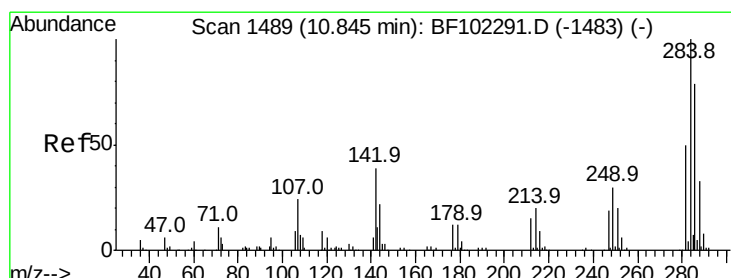
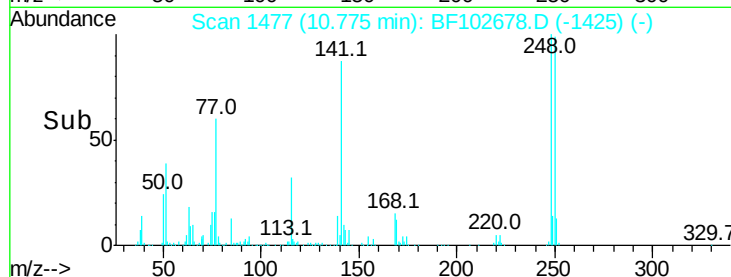
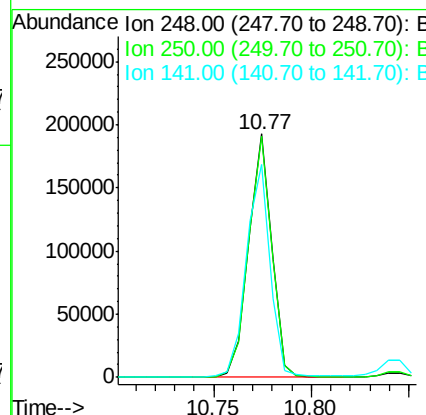
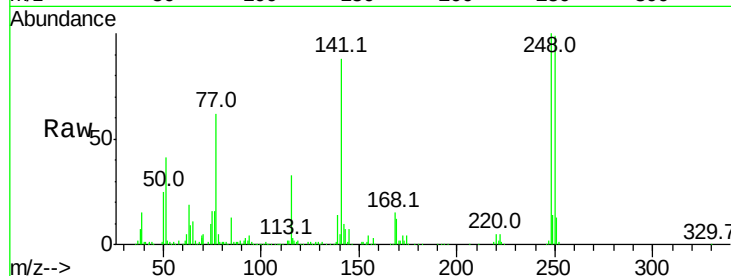




#66
4-Bromophenyl-phenylether
Concen: 45.507 ng
RT: 10.77 min Scan# 1477
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

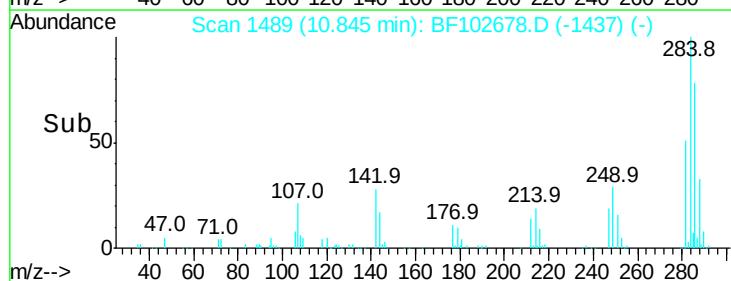
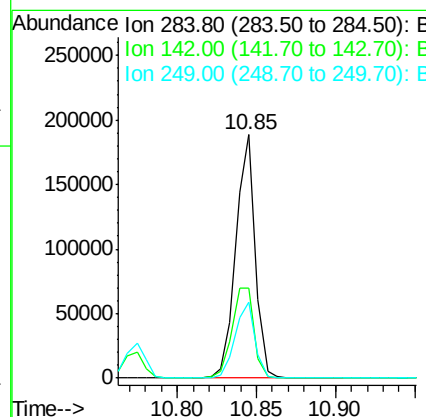
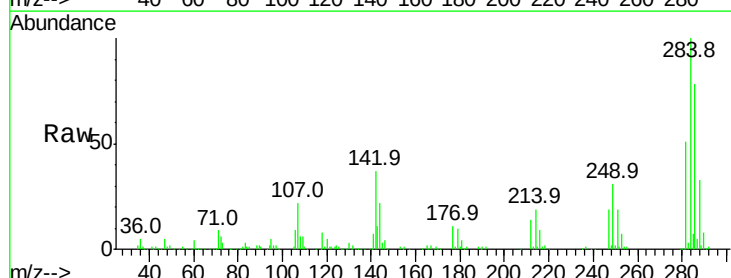
Instrument :
BNA_F
ClientSampleId :

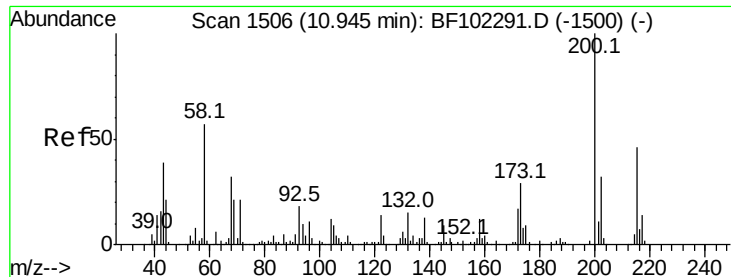
Tot Ion:248 Resp: 159149
Ion Ratio Lower Upper
248 100
250 98.9 76.9 115.3
141 87.5 74.4 111.6



#67
Hexachlorobenzene
Concen: 40.874 ng
RT: 10.85 min Scan# 1489
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion:284 Resp: 159867
Ion Ratio Lower Upper
284 100
142 36.7 34.6 52.0
249 30.9 24.8 37.2

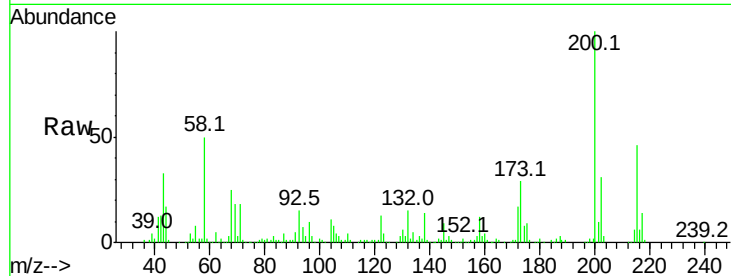




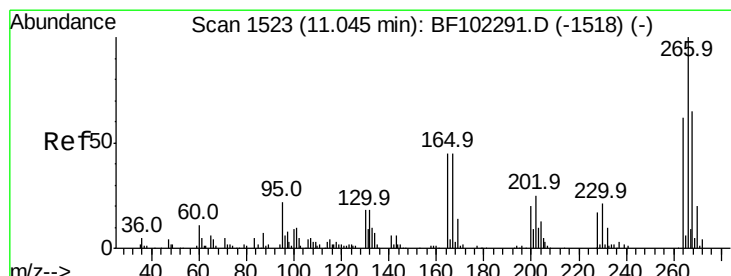
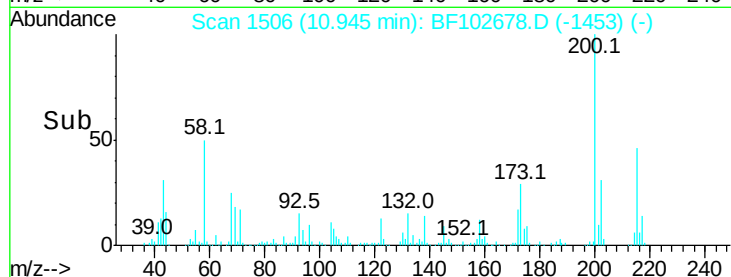
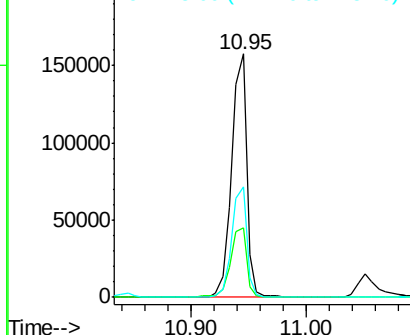
#68
Atrazine
Concen: 40.902 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.8	8.6	48.6
215	45.6	25.1	65.1

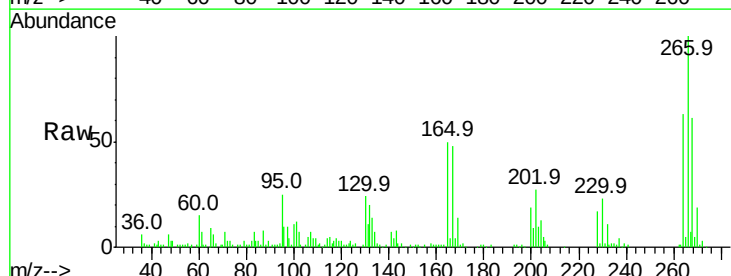


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

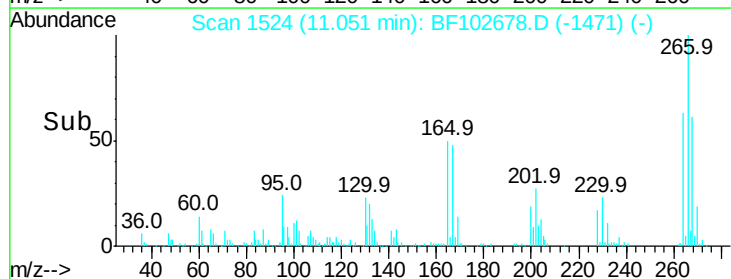
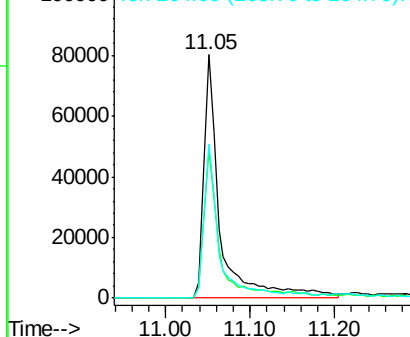


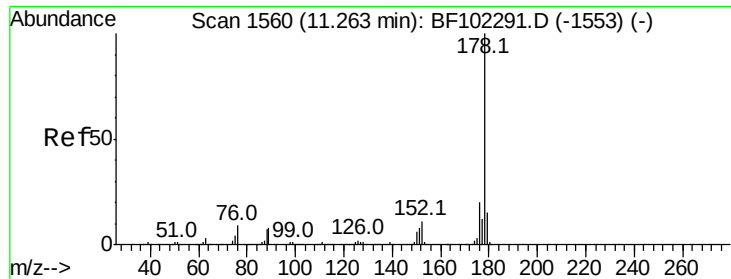
#69
Pentachlorophenol
Concen: 52.412 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.7	51.1	76.7
264	63.3	49.5	74.3



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





#70

Phenanthrene

Concen: 44.591 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

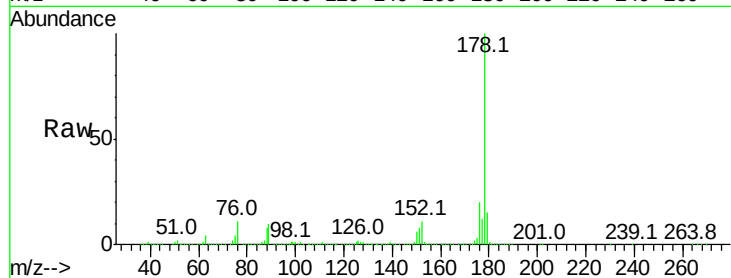
Tot Ion:178 Resp: 844154

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

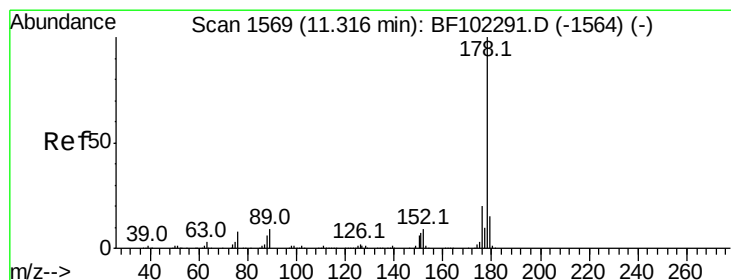
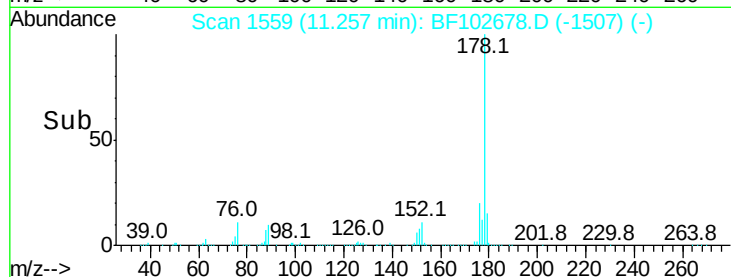
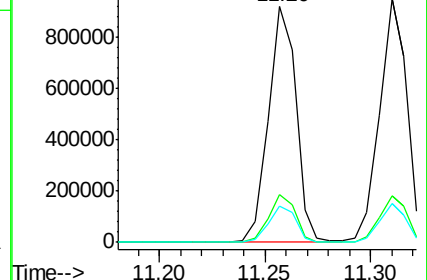
179 15.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 45.312 ng

RT: 11.31 min Scan# 1568

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

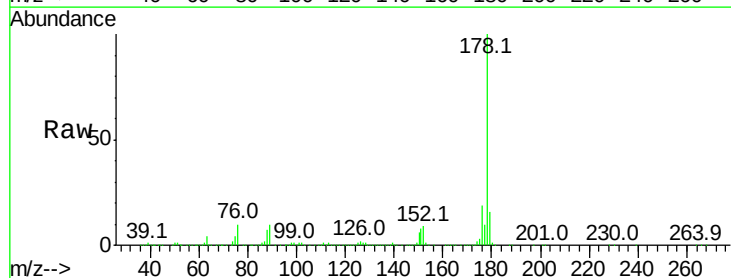
Tgt Ion:178 Resp: 875553

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

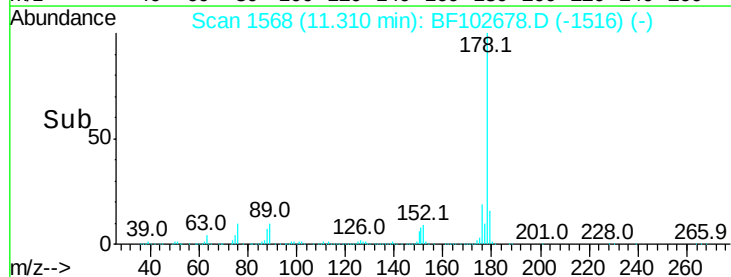
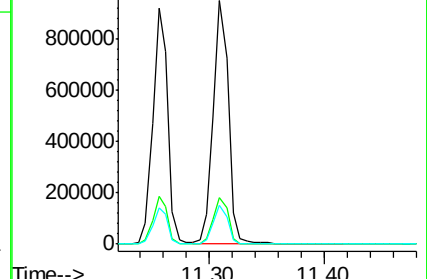
179 15.8 12.6 19.0

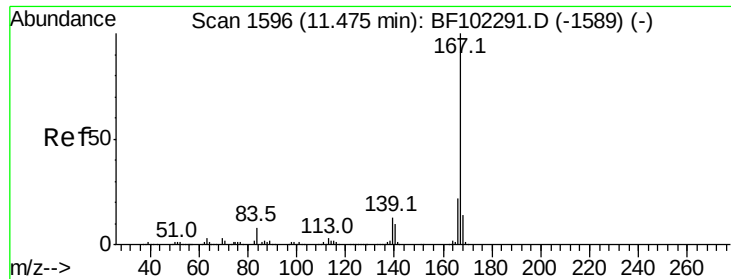


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 45.644 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

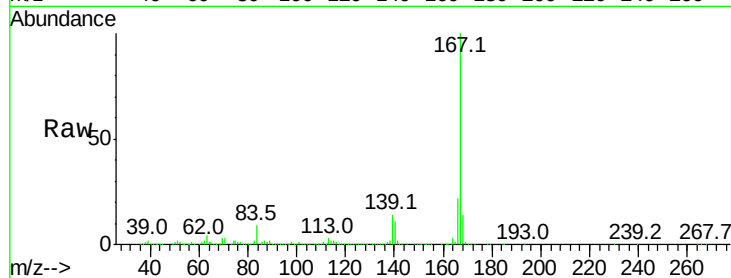
Tot Ion:167 Resp: 860435

Ion Ratio Lower Upper

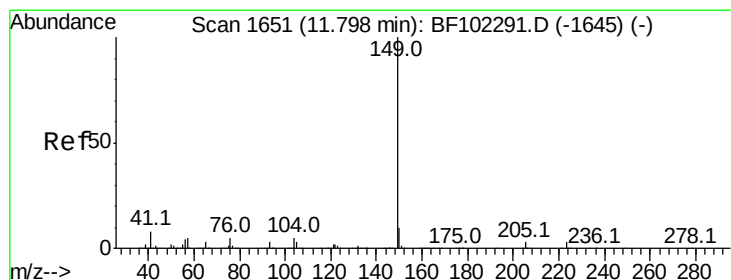
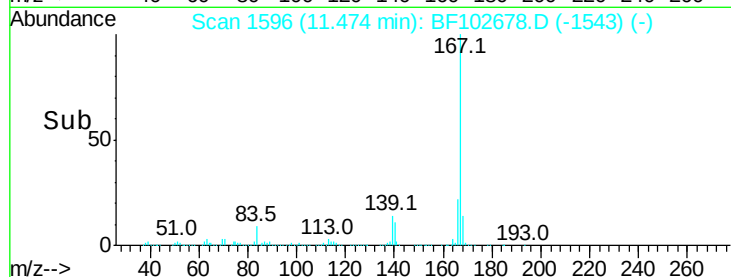
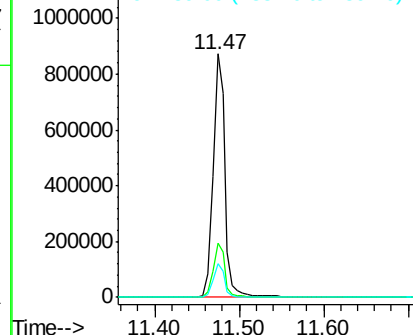
167 100

166 22.3 17.6 26.4

139 13.6 10.9 16.3



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



#73

Di-n-butylphthalate

Concen: 44.111 ng

RT: 11.79 min Scan# 1650

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

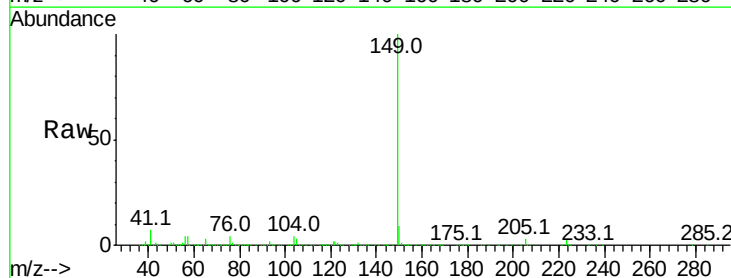
Tgt Ion:149 Resp: 1039393

Ion Ratio Lower Upper

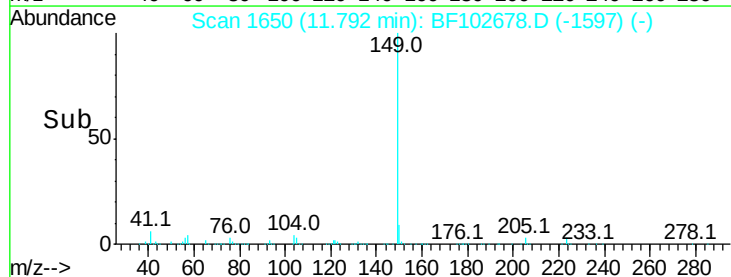
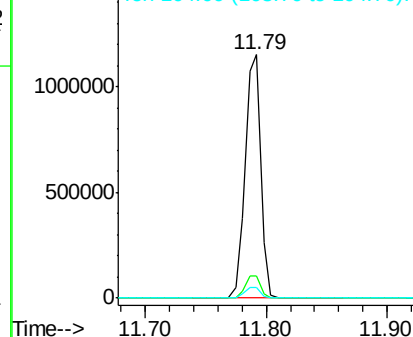
149 100

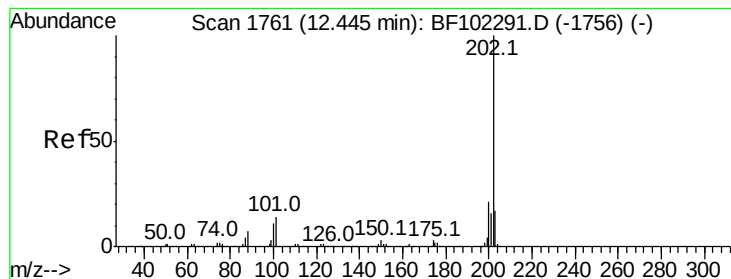
150 9.2 7.8 11.6

104 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 47.364 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

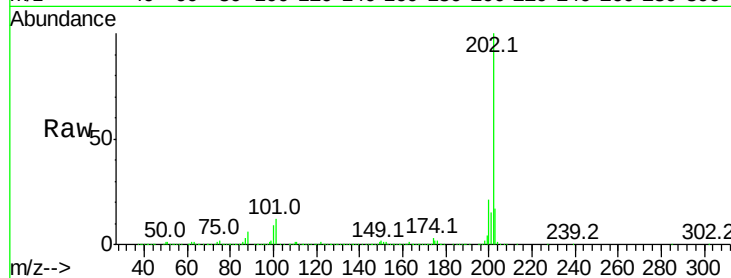
Tot Ion:202 Resp: 914374

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

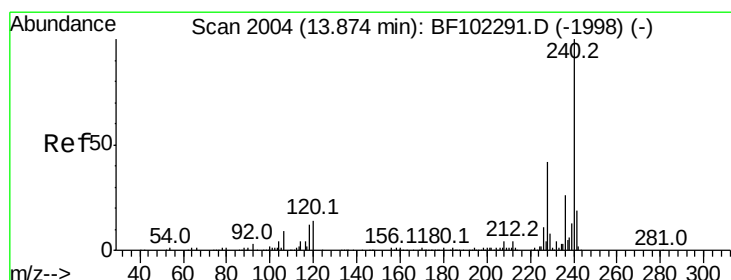
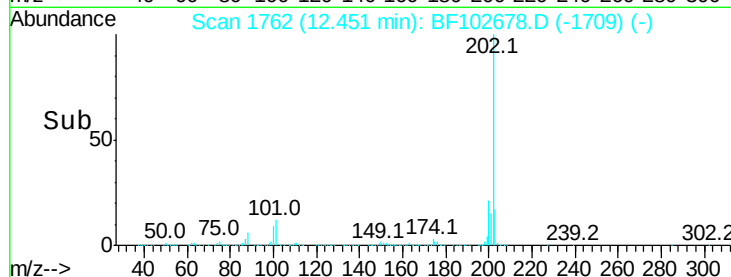
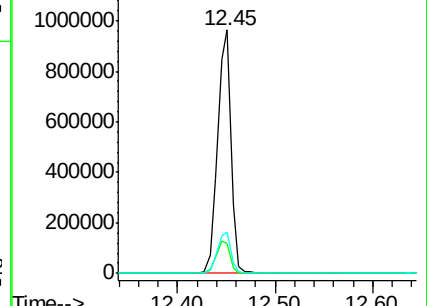
203 17.2 0.0 38.1



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. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

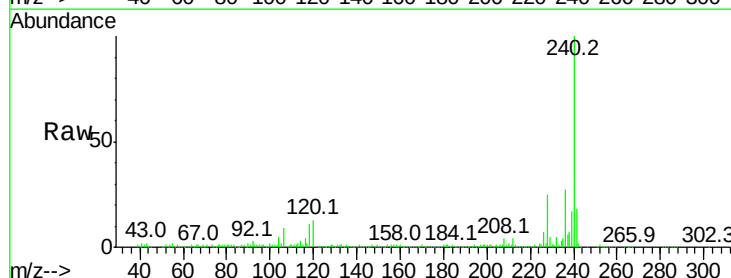
Tgt Ion:240 Resp: 279515

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

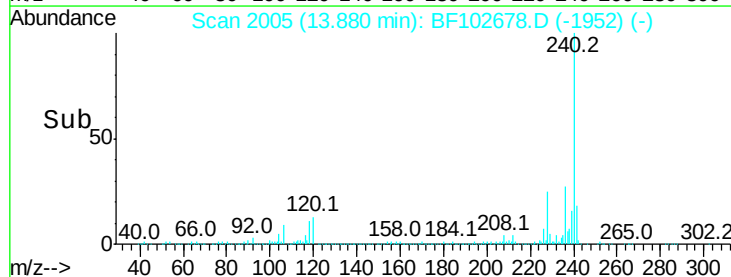
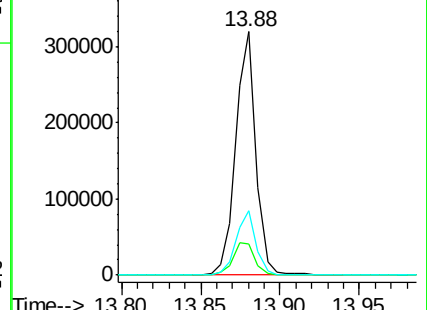
236 26.6 20.7 31.1

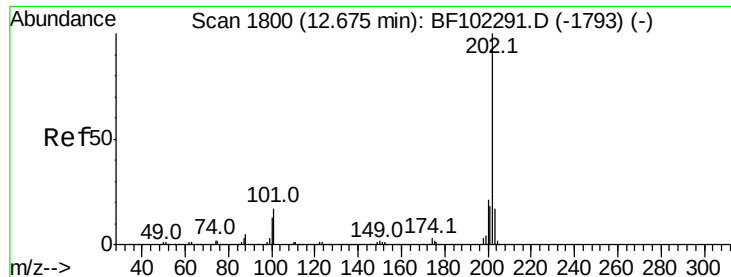


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 43.196 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

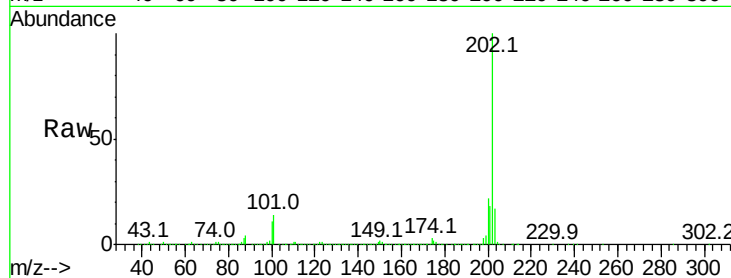
Tot Ion:202 Resp: 933509

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

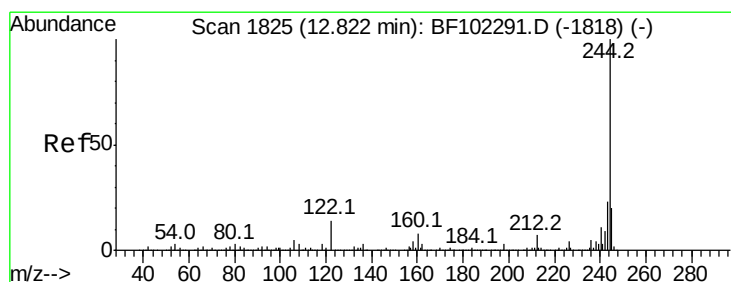
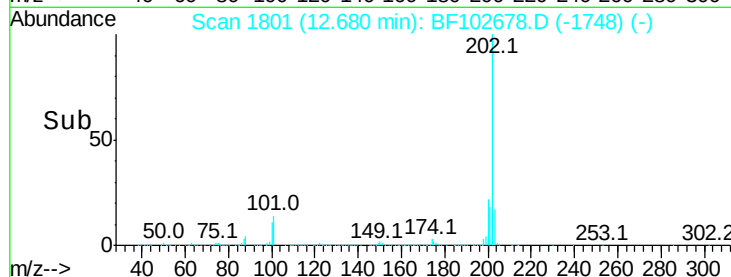
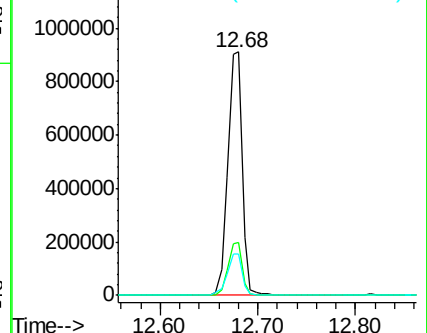
203 17.2 14.3 21.5



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: 93.137 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

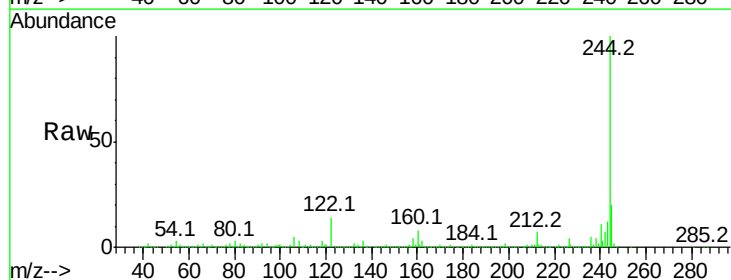
Tgt Ion:244 Resp: 1154794

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

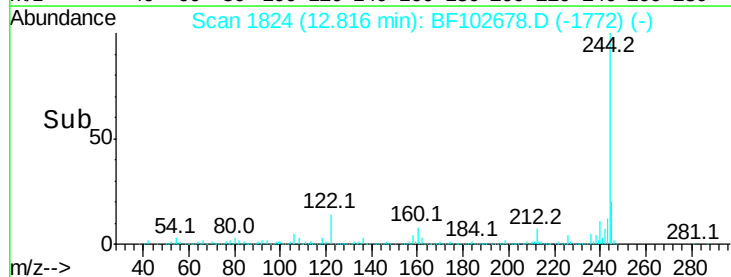
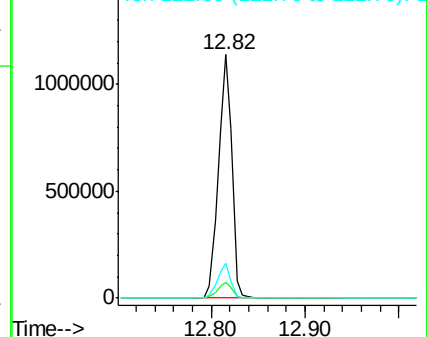
122 14.2 11.0 16.4

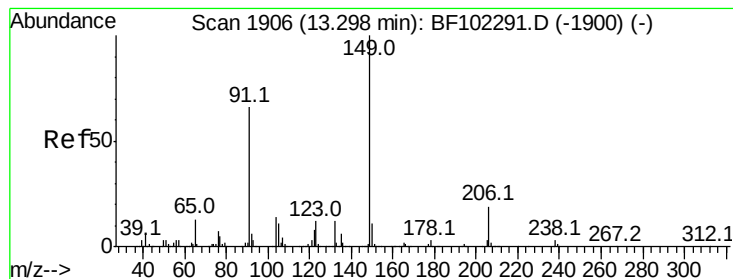


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.608 ng

RT: 13.29 min Scan# 1904

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

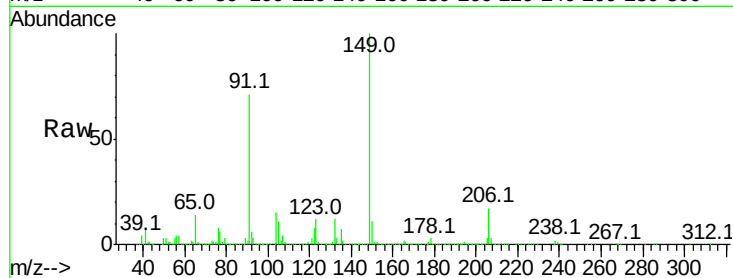
Tot Ion:149 Resp: 479748

Ion Ratio Lower Upper

149 100

91 70.9 56.8 85.2

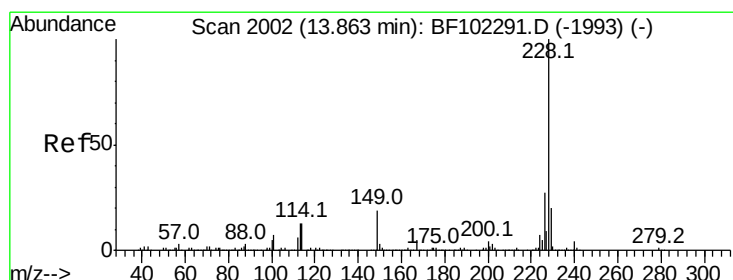
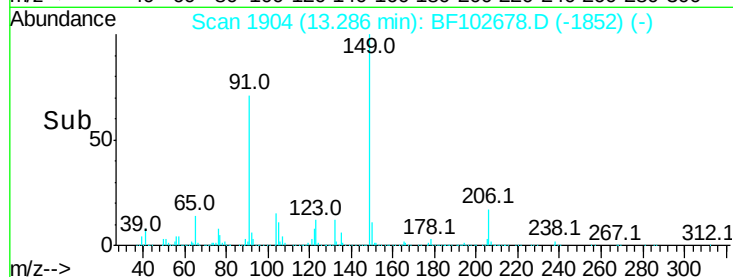
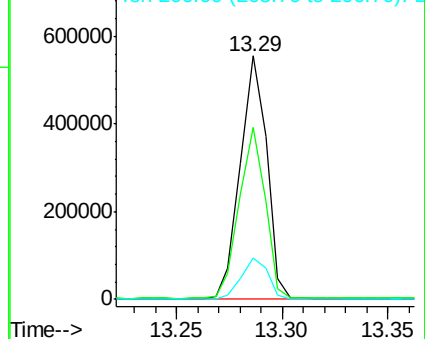
206 17.1 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.449 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

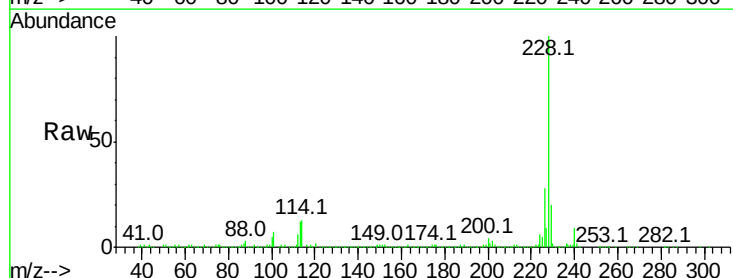
Tgt Ion:228 Resp: 833758

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

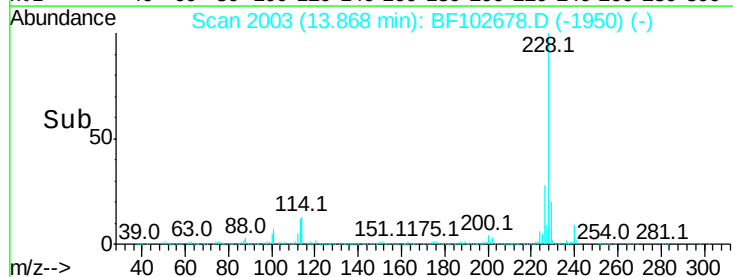
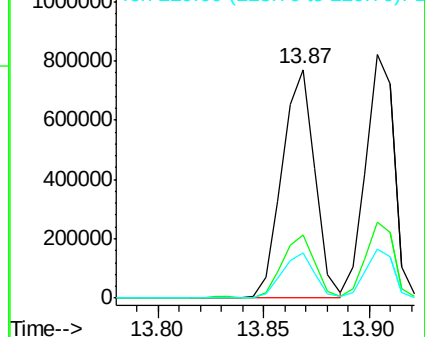
229 19.9 15.8 23.6

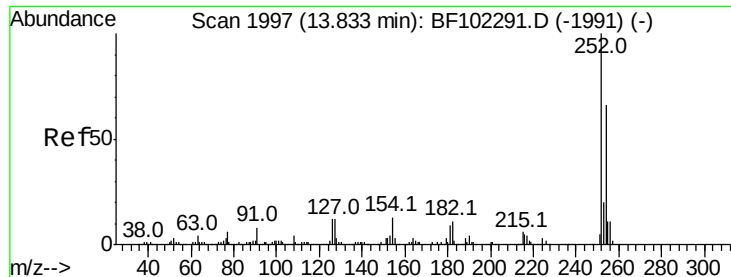


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

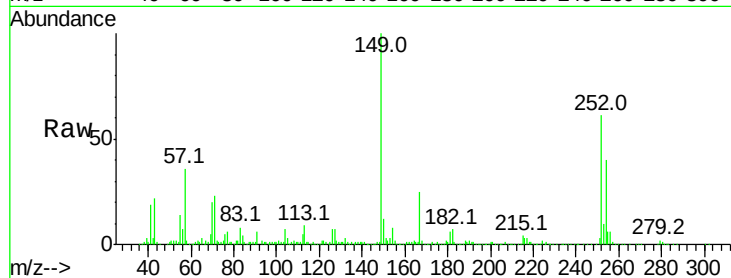




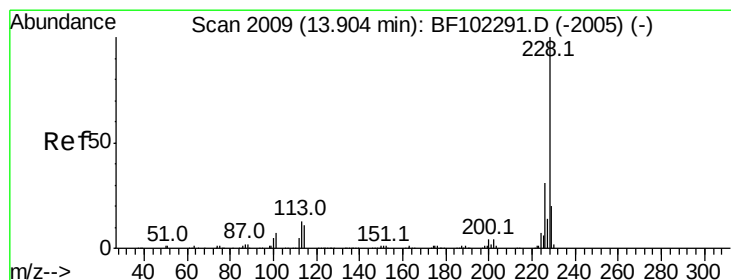
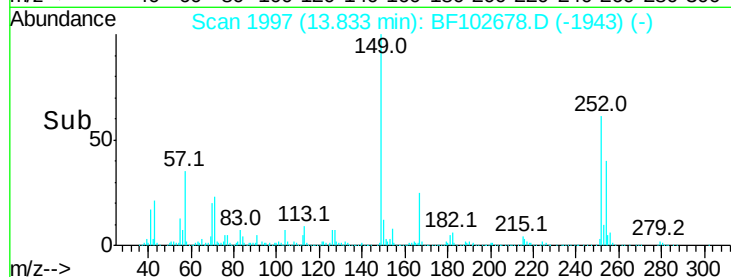
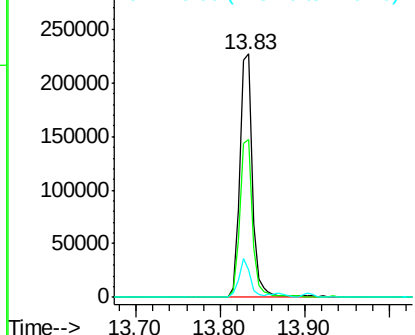
#81
 3,3'-Dichlorobenzidine
 Concen: 36.974 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.02 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.4	75.6
126	11.2	11.3	16.9#

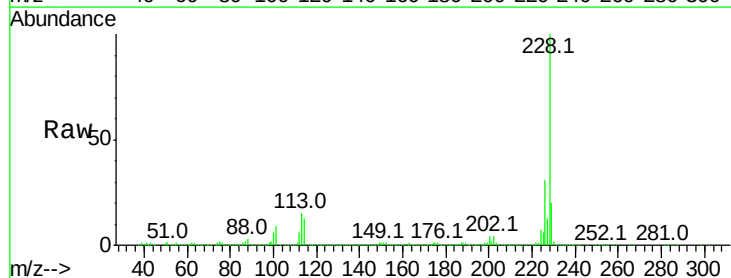


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

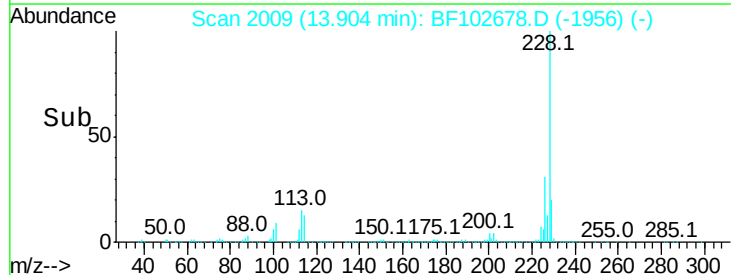
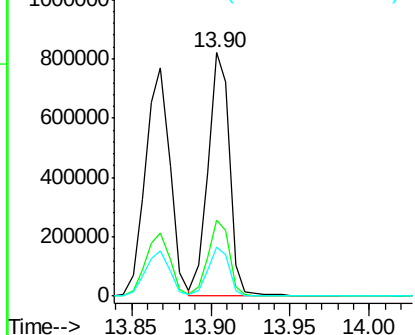


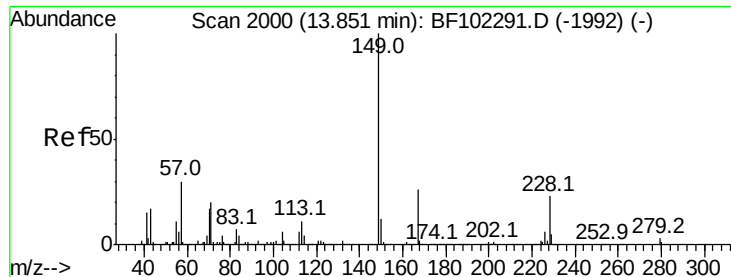
#82
 Chrysene
 Concen: 44.547 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.0	16.2	24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.257 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

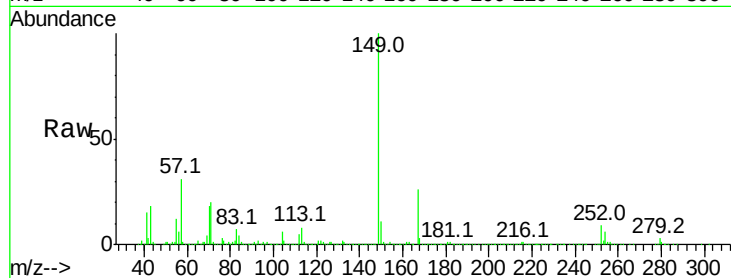
Tot Ion:149 Resp: 639657

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

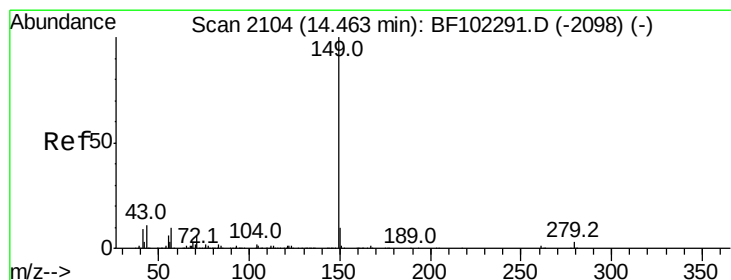
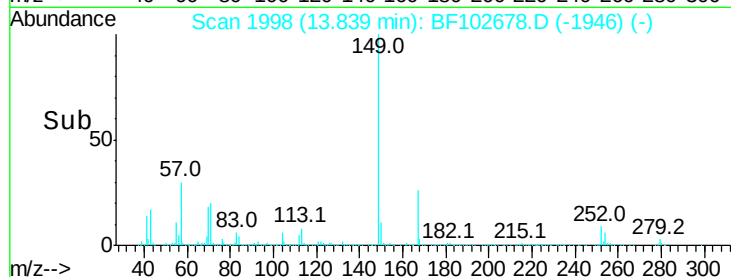
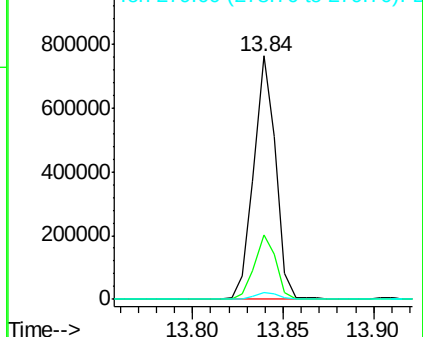
279 2.7 3.0 4.4#



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: 49.455 ng

RT: 14.45 min Scan# 2102

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

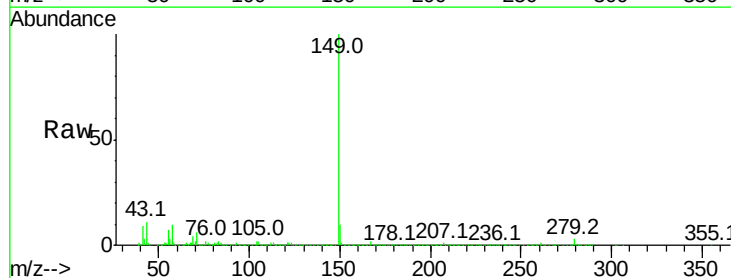
Tgt Ion:149 Resp: 1162436

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

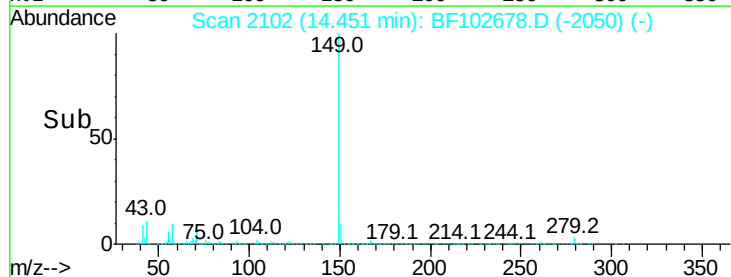
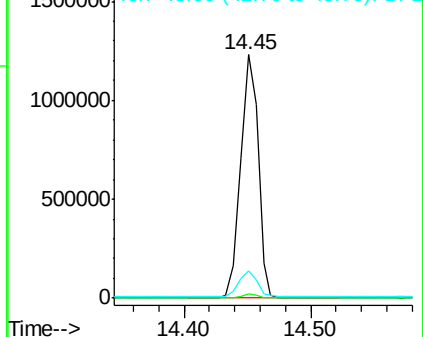
43 10.4 8.4 12.6

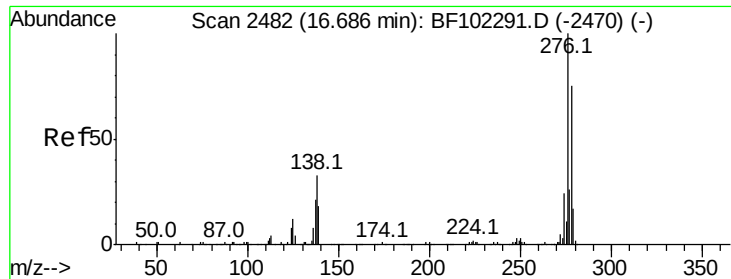


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

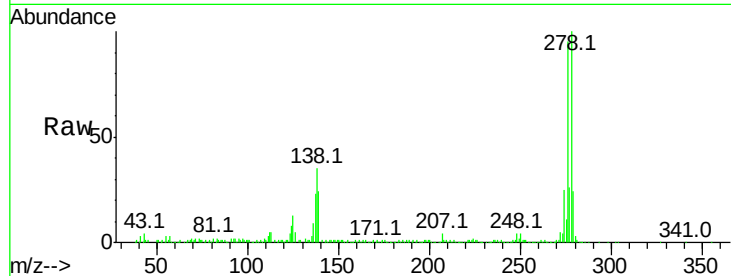




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.585 ng
 RT: 16.72 min Scan# 2487
 Delta R.T. 0.03 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.7	25.0	37.6
277	25.4	20.1	30.1

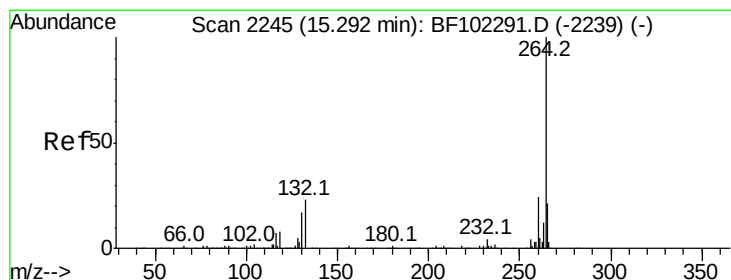
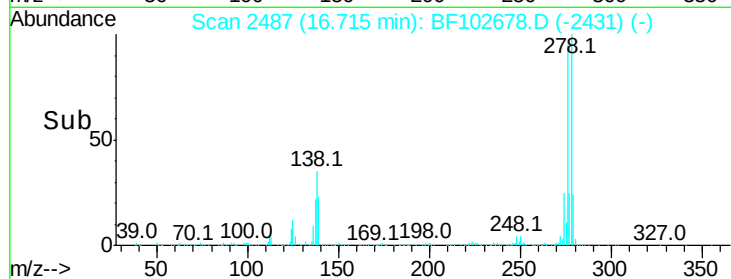
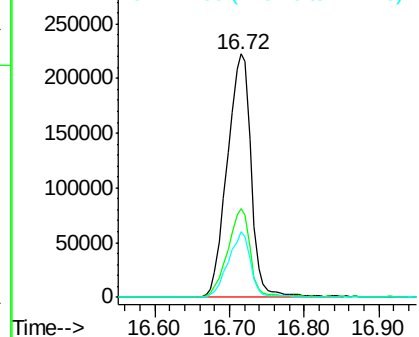


Abundance

Ion 276.00 (275.70 to 276.70): E

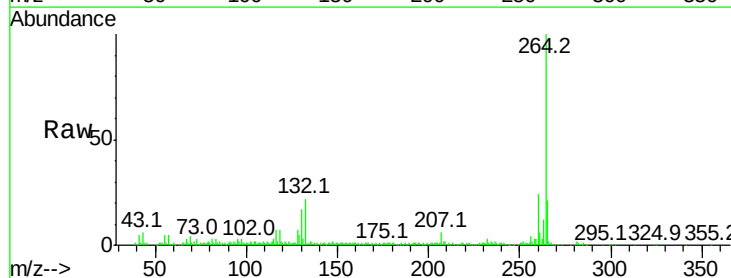
Ion 138.00 (137.70 to 138.70): E

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. 0.02 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.3	17.5	26.3

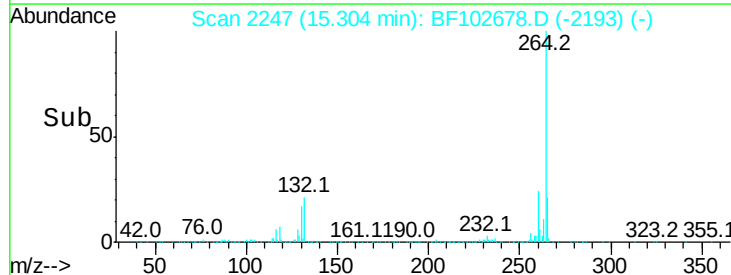
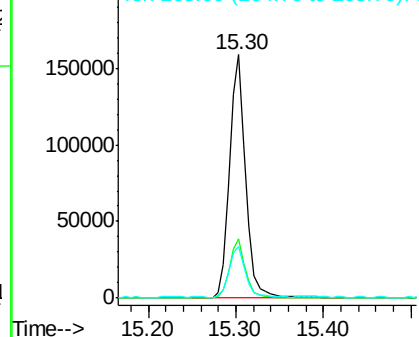


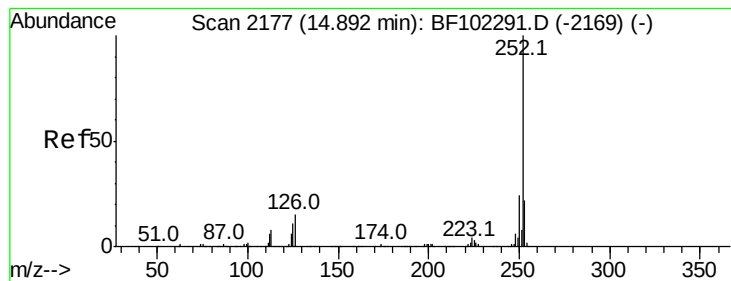
Abundance

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: 47.877 ng

RT: 14.90 min Scan# 2178

Delta R.T. 0.02 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

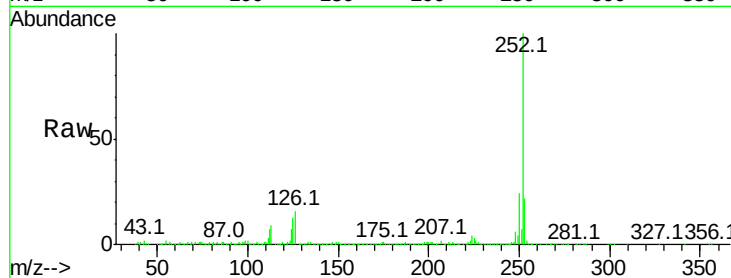
Tot Ion:252 Resp: 632697

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

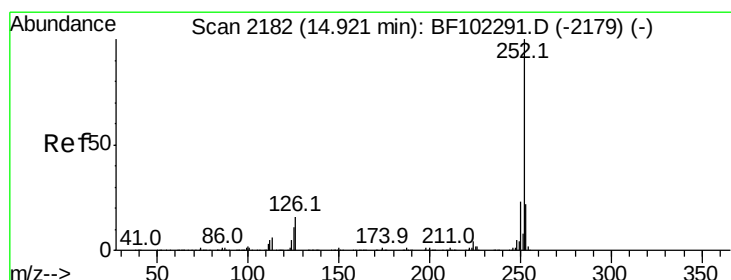
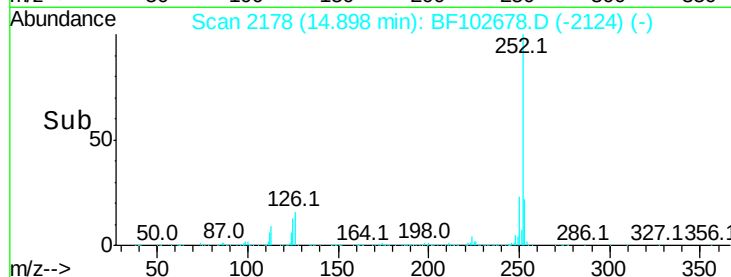
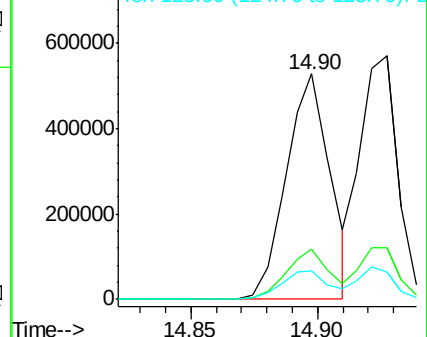
125 12.8 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.868 ng

RT: 14.93 min Scan# 2183

Delta R.T. 0.02 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

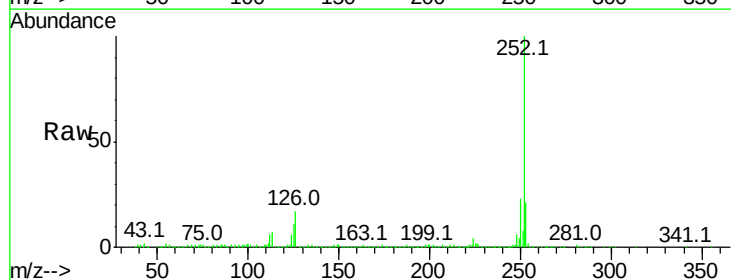
Tgt Ion:252 Resp: 597655

Ion Ratio Lower Upper

252 100

253 21.1 17.9 26.9

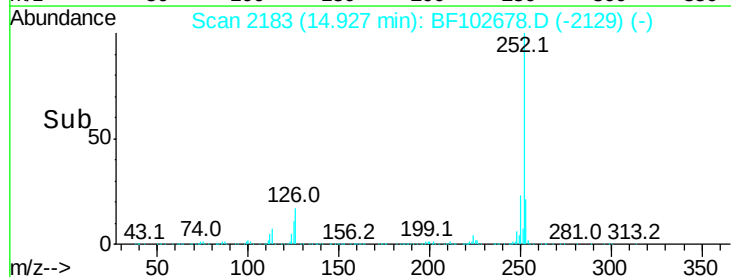
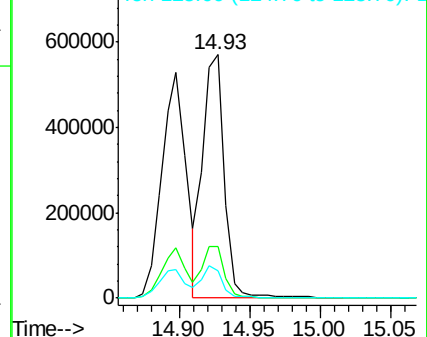
125 11.4 10.2 15.2

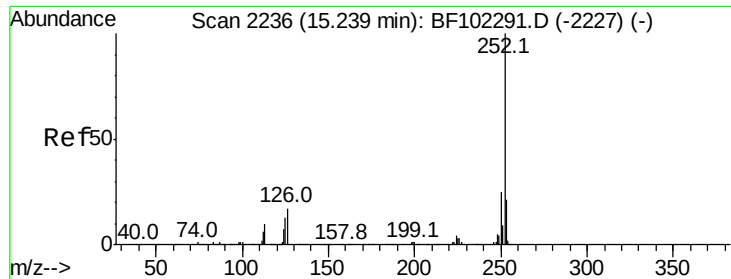


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

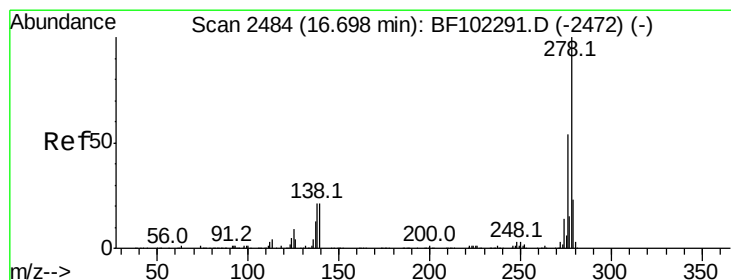
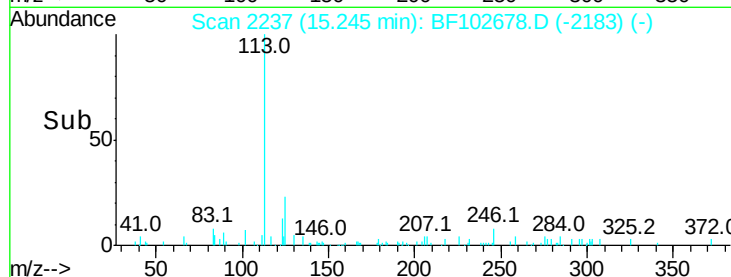
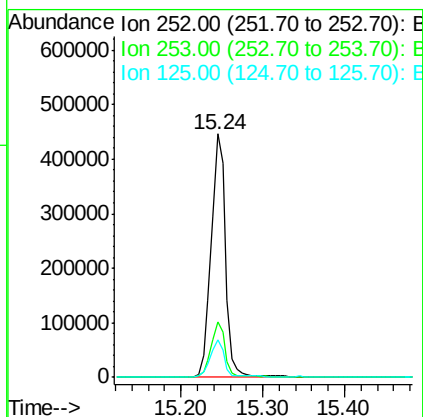
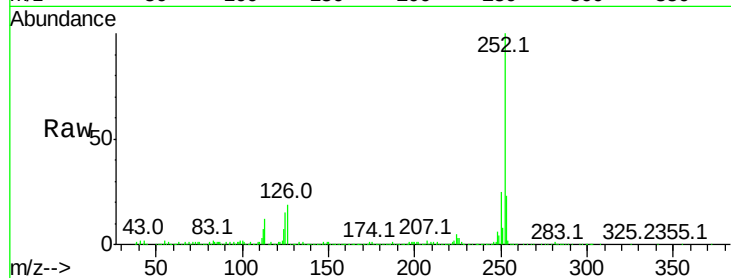




#89
Benzo(a)pyrene
Concen: 45.914 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.02 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

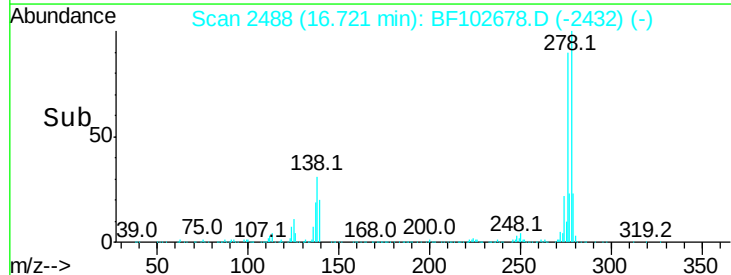
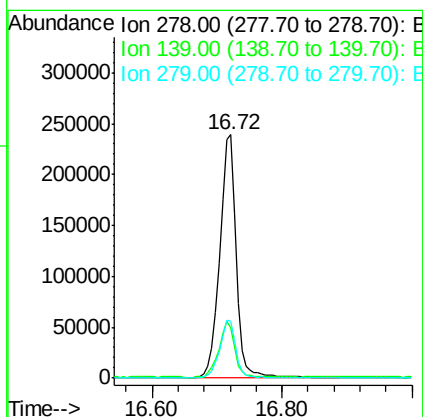
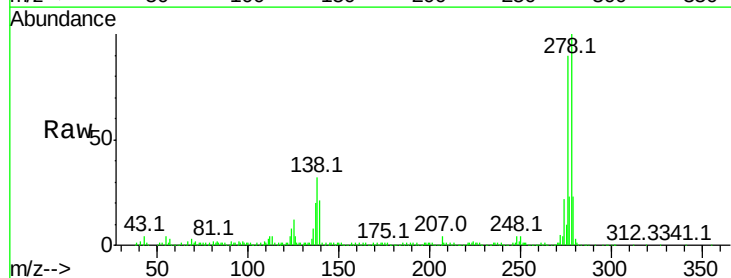
Instrument :
BNA_F
ClientSampleId :

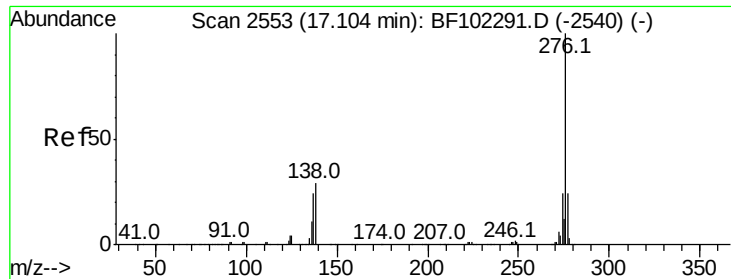
Tot Ion:252 Resp: 547229
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 15.2 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 43.652 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.03 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion:278 Resp: 421443
Ion Ratio Lower Upper
278 100
139 20.5 15.9 23.9
279 23.1 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 43.919 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.04 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

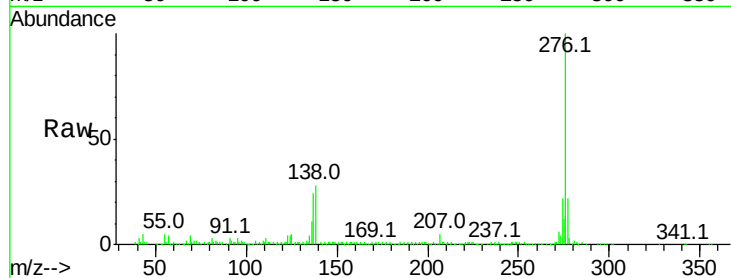
Tot Ion:276 Resp: 418676

Ion Ratio Lower Upper

276 100

277 22.3 17.9 26.9

138 27.5 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

