

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102348.D
 Acq On : 23 Jan 2018 18:01
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 23:42:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	132585	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	559333	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	254602	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	444784	20.00	ng	0.00
75) Chrysene-d12	13.88	240	342194	20.00	ng	0.00
86) Perylene-d12	15.30	264	311000	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	701151	80.18	ng	0.00
7) Phenol-d6	6.36	99	848200	80.46	ng	0.00
23) Nitrobenzene-d5	7.29	82	772246	79.34	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	189545	75.13	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1387610	80.14	ng	0.00
78) Terphenyl-d14	12.83	244	1193654	78.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	166664	40.115	ng	97
3) Pyridine	3.07	79	447684	41.233	ng	95
4) n-Nitrosodimethylamine	3.05	42	175997	41.348	ng	96
6) Aniline	6.39	93	566924	40.658	ng	99
8) 2-Chlorophenol	6.50	128	372333	40.620	ng	97
9) Benzaldehyde	6.27	77	237203	40.844	ng	93
10) Phenol	6.37	94	453040	39.364	ng	73
11) bis(2-Chloroethyl)ether	6.46	93	357630	40.856	ng	96
12) 1,3-Dichlorobenzene	6.66	146	433747	39.788	ng	99
13) 1,4-Dichlorobenzene	6.73	146	433317	39.681	ng	99
14) 1,2-Dichlorobenzene	6.89	146	405393	40.586	ng	99
15) Benzyl Alcohol	6.87	79	298664	40.154	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	591241	40.273	ng	97
17) 2-Methylphenol	6.98	107	323471	40.633	ng	96
18) Hexachloroethane	7.22	117	154611	40.630	ng	91
19) n-Nitroso-di-n-propylamine	7.14	70	258039	39.998	ng	97
20) 3+4-Methylphenols	7.14	107	383063	40.914	ng	# 80
22) Acetophenone	7.13	105	527751	39.581	ng	# 92
24) Nitrobenzene	7.30	77	402955	40.455	ng	99
25) Isophorone	7.55	82	694009	39.996	ng	98
26) 2-Nitrophenol	7.62	139	213030	40.636	ng	94
27) 2,4-Dimethylphenol	7.66	122	301373	39.591	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	430185	40.134	ng	99
29) 2,4-Dichlorophenol	7.86	162	308855	39.832	ng	98
30) 1,2,4-Trichlorobenzene	7.94	180	327352	39.383	ng	98
31) Naphthalene	8.02	128	1098512	39.336	ng	99
32) Benzoic acid	7.81	122	225917	35.423	ng	98
33) 4-Chloroaniline	8.07	127	475338	40.477	ng	99
34) Hexachlorobutadiene	8.13	225	174537	39.316	ng	98
35) Caprolactam	8.46	113	104490	40.803	ng	99
36) 4-Chloro-3-methylphenol	8.56	107	329476	40.311	ng	98
37) 2-Methylnaphthalene	8.72	142	733057	39.415	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	301598	39.373	ng	99
40) Hexachlorocyclopentadiene	8.86	237	134868	39.343	ng	98

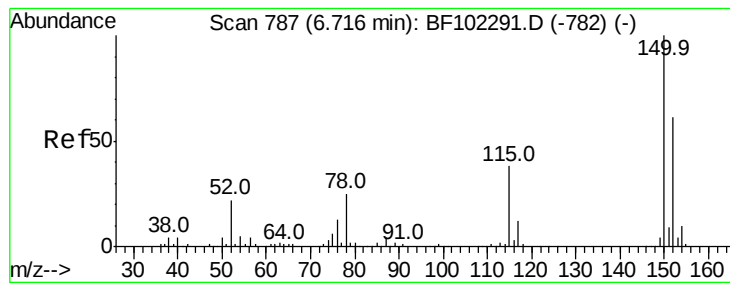
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102348.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	204884	39.956	ng	99
43) 2,4,5-Trichlorophenol	9.04	196	233939	40.519	ng	96
45) 1,1'-Biphenyl	9.18	154	890402	39.112	ng	99
46) 2-Chloronaphthalene	9.20	162	695481	39.303	ng	98
47) 2-Nitroaniline	9.30	65	230321	41.749	ng	95
48) Acenaphthylene	9.62	152	1075781	39.022	ng	99
49) Dimethylphthalate	9.49	163	837520	39.798	ng	99
50) 2,6-Dinitrotoluene	9.55	165	182619	40.249	ng	91
51) Acenaphthene	9.79	154	631668	39.233	ng	99
52) 3-Nitroaniline	9.72	138	215594	40.167	ng	92
53) 2,4-Dinitrophenol	9.83	184	82139	42.180	ng	# 19
54) Dibenzofuran	9.96	168	882794	40.513	ng	99
55) 4-Nitrophenol	9.89	139	145244	40.994	ng	94
56) 2,4-Dinitrotoluene	9.95	165	226765	40.642	ng	95
57) Fluorene	10.30	166	698824	40.473	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	167158	40.550	ng	97
59) Diethylphthalate	10.18	149	805831	39.405	ng	99
60) 4-Chlorophenyl-phenylether	10.29	204	305554	40.816	ng	98
61) 4-Nitroaniline	10.33	138	223211	41.675	ng	90
62) Azobenzene	10.46	77	744279	39.752	ng	97
64) 4,6-Dinitro-2-methylphenol	10.36	198	124888	42.086	ng	90
65) n-Nitrosodiphenylamine	10.42	169	641907	39.320	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	192089	40.118	ng	92
67) Hexachlorobenzene	10.85	284	203291	37.964	ng	92
68) Atrazine	10.95	200	194561	40.352	ng	98
69) Pentachlorophenol	11.05	266	117818	41.883	ng	98
70) Phenanthrene	11.26	178	1021523	39.413	ng	98
71) Anthracene	11.32	178	1058481	40.011	ng	100
72) Carbazole	11.47	167	1035904	40.138	ng	100
73) Di-n-butylphthalate	11.80	149	1277230	39.591	ng	98
74) Fluoranthene	12.45	202	1042423	39.440	ng	99
76) Benzidine	12.57	184	466915	40.617	ng	99
77) Pyrene	12.68	202	1084054	40.974	ng	100
79) Butylbenzylphthalate	13.30	149	551673	41.900	ng	99
80) Benzo(a)anthracene	13.87	228	852991	40.488	ng	98
81) 3,3'-Dichlorobenzidine	13.83	252	324893	42.039	ng	98
82) Chrysene	13.91	228	863892	40.380	ng	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	729169	41.209	ng	99
84) Di-n-octyl phthalate	14.47	149	1184763	41.173	ng	100
85) Indeno(1,2,3-cd)pyrene	16.69	276	696824	39.438	ng	99
87) Benzo(b)fluoranthene	14.90	252	799907	39.683	ng	98
88) Benzo(k)fluoranthene	14.93	252	744320	39.083	ng	98
89) Benzo(a)pyrene	15.24	252	726231	39.947	ng	98
90) Dibenzo(a,h)anthracene	16.71	278	568567	38.608	ng	98
91) Benzo(g,h,i)perylene	17.11	276	556961	38.303	ng	97

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

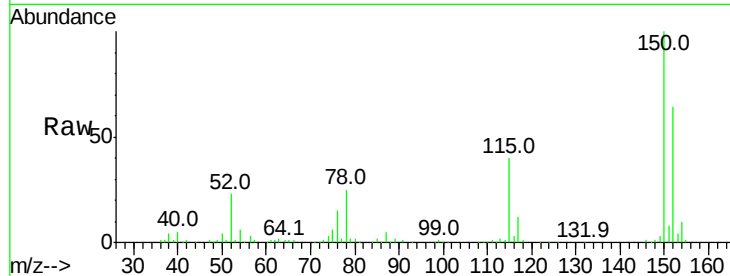


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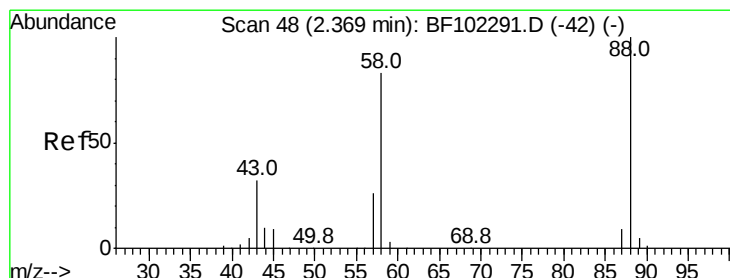
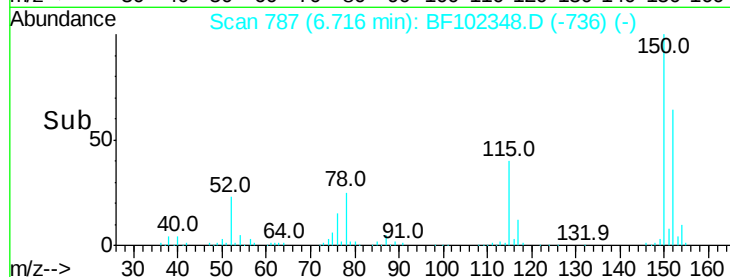
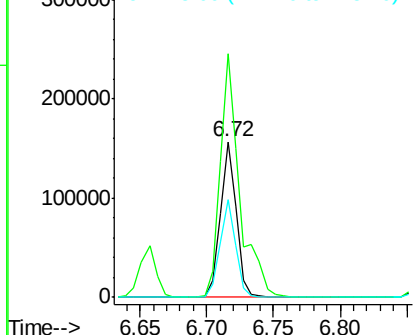
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132585
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 63.1 50.1 75.1



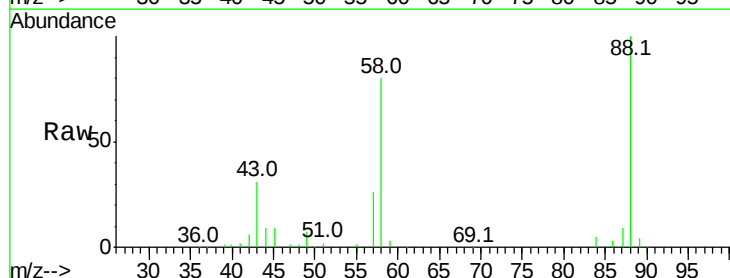
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



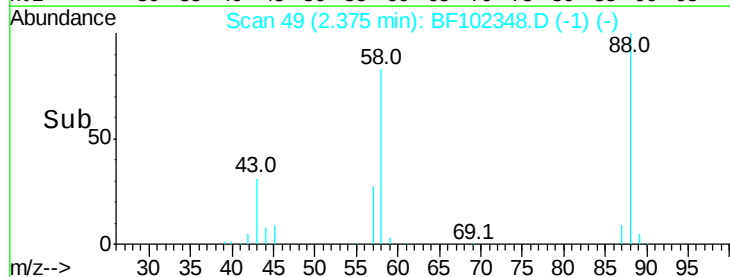
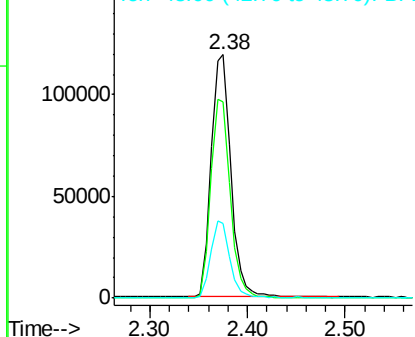
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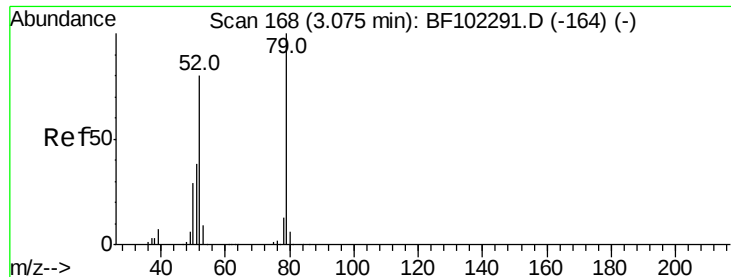
1,4-Dioxane
Concen: 40.115 ng
RT: 2.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Tgt Ion: 88 Resp: 166664
Ion Ratio Lower Upper
88 100
58 81.3 62.6 93.8
43 31.4 24.6 37.0



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

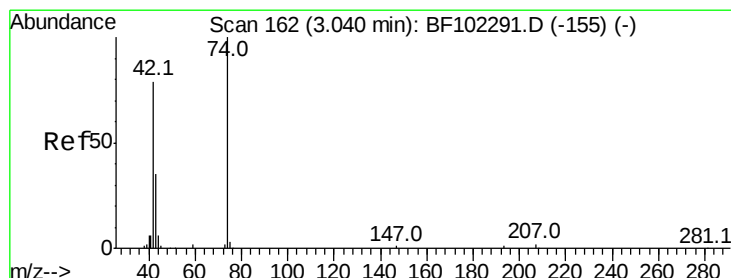
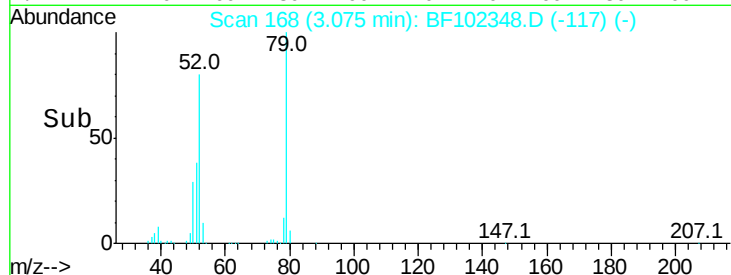
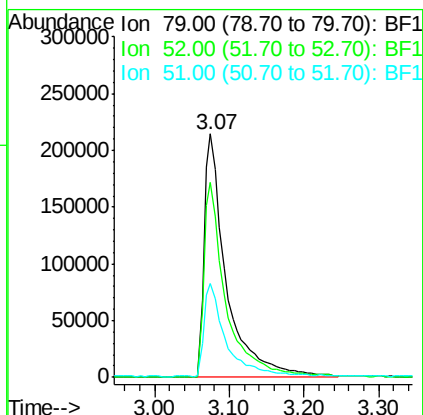
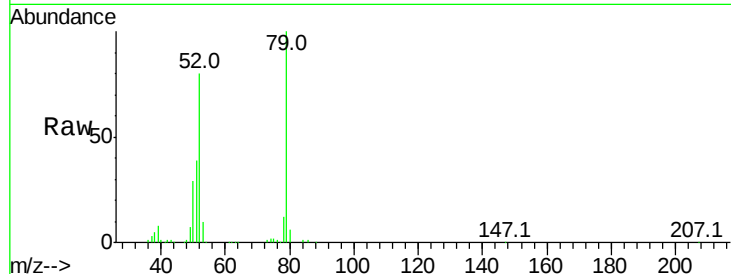




#3
 Pvridine
 Concen: 41.233 ng
 RT: 3.07 min Scan# 168
 Delta R.T. -0.00 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

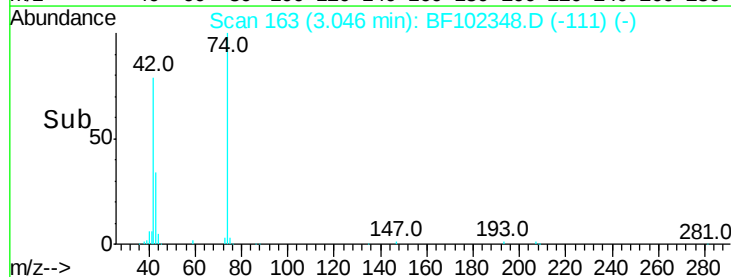
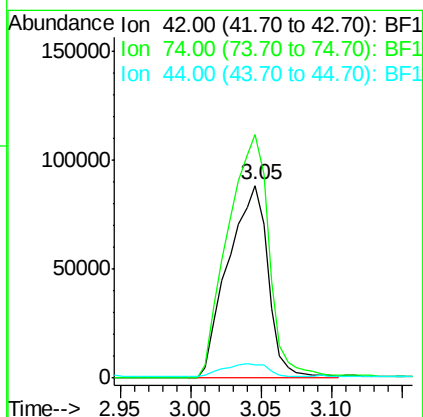
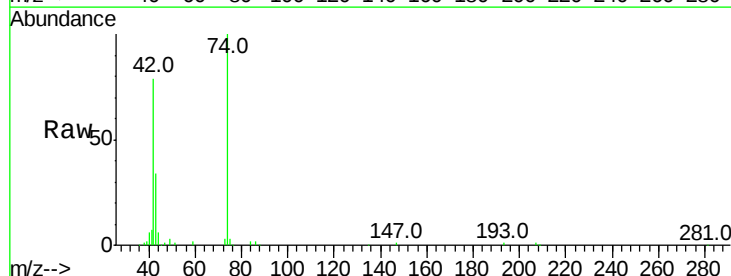
Instrument :
 BNA_F
 ClientSampleId :

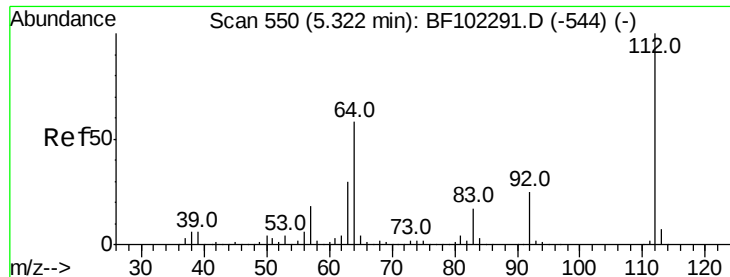
Tot Ion: 79 Resp: 447684
 Ion Ratio Lower Upper
 79 100
 52 79.9 59.8 89.6
 51 38.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 41.348 ng
 RT: 3.05 min Scan# 163
 Delta R.T. 0.01 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

Tgt Ion: 42 Resp: 175997
 Ion Ratio Lower Upper
 42 100
 74 126.3 104.9 157.3
 44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 80.185 ng

RT: 5.32 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

Instrument :

BNA_F

ClientSampleId :

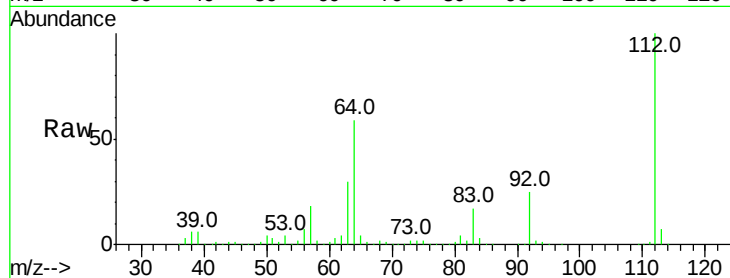
Tot Ion:112 Resp: 701151

Ion Ratio Lower Upper

112 100

64 59.1 47.9 71.9

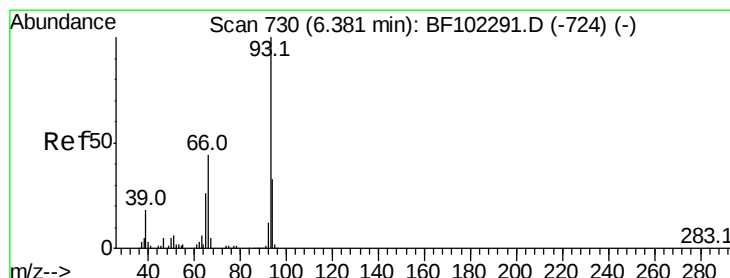
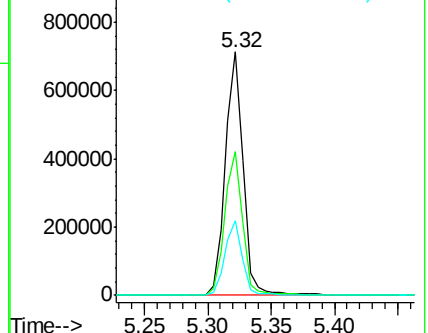
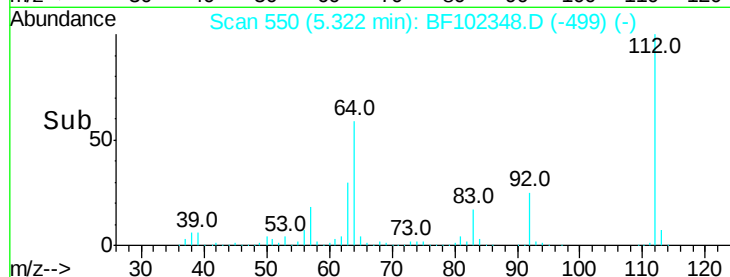
63 30.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.658 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

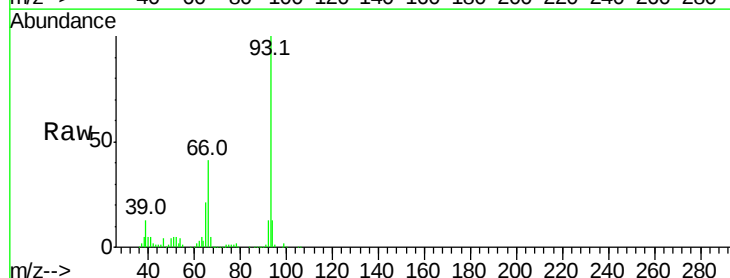
Tgt Ion: 93 Resp: 566924

Ion Ratio Lower Upper

93 100

66 41.1 32.2 48.2

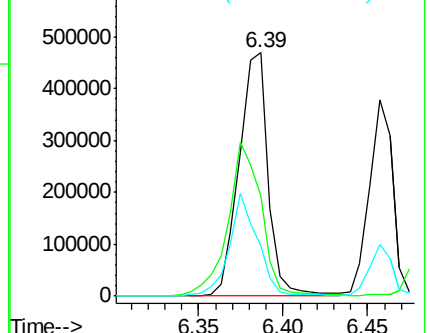
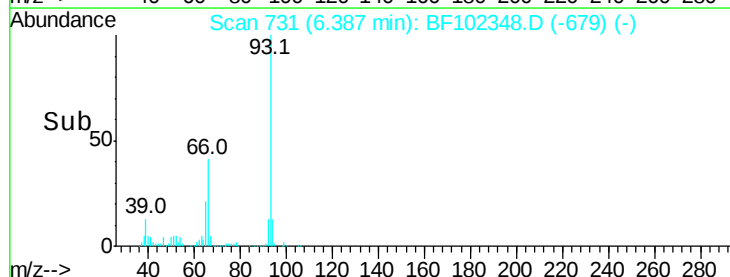
65 20.7 16.4 24.6

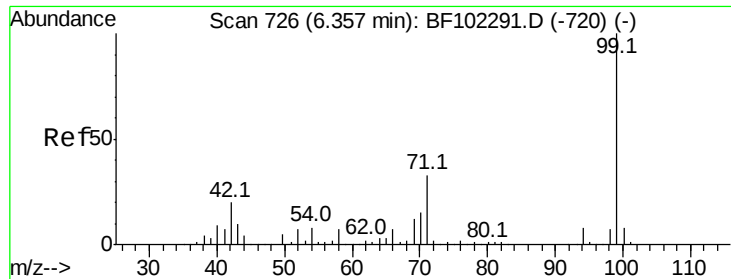


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.460 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

Instrument :

BNA_F

ClientSampled :

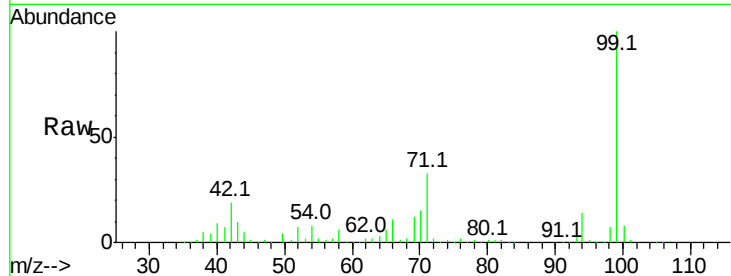
Tot Ion: 99 Resp: 848200

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

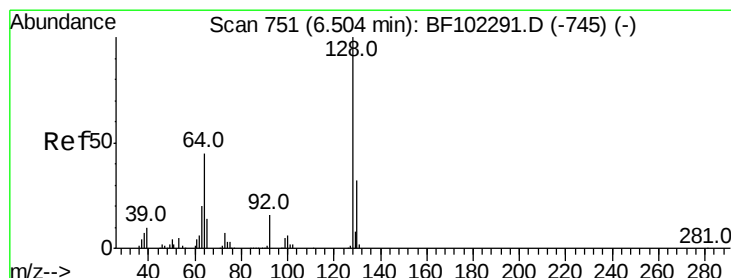
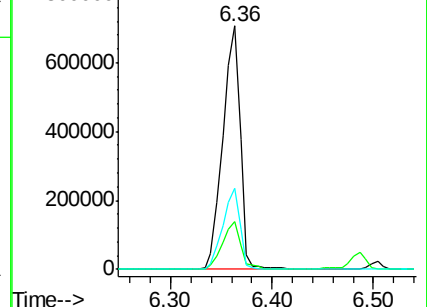
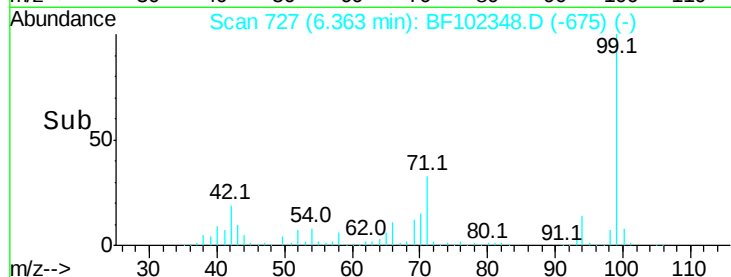
71 33.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.620 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

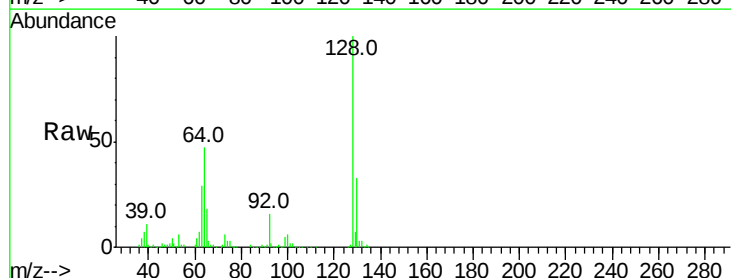
Tgt Ion: 128 Resp: 372333

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

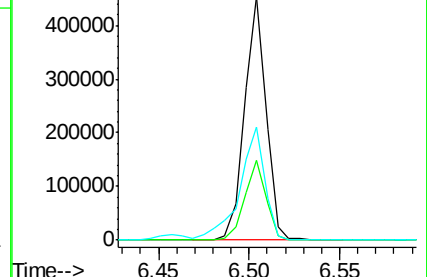
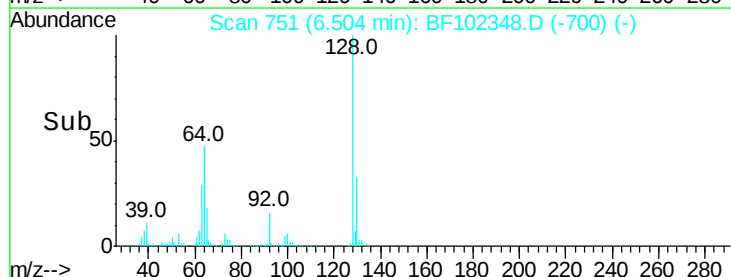
64 46.6 29.4 69.4

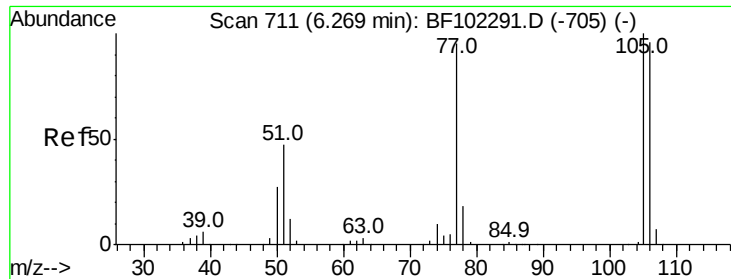


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

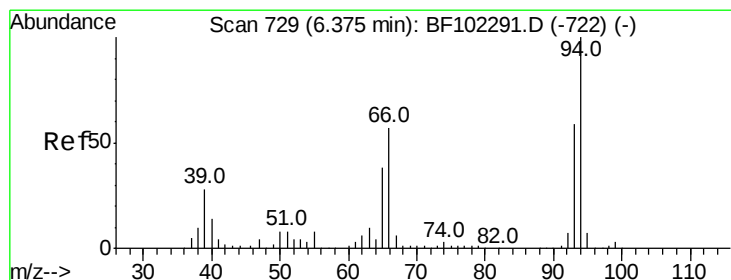
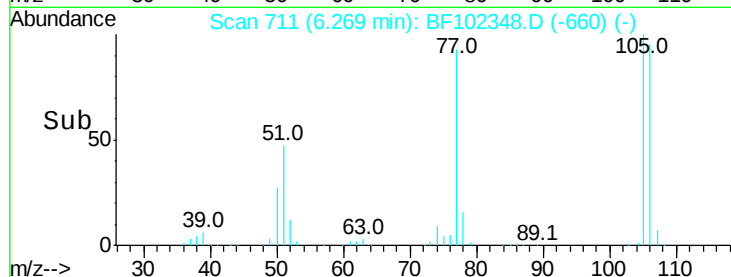
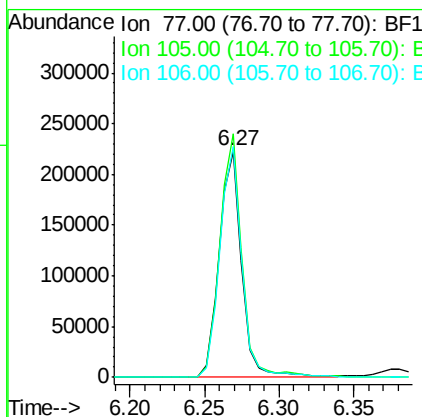
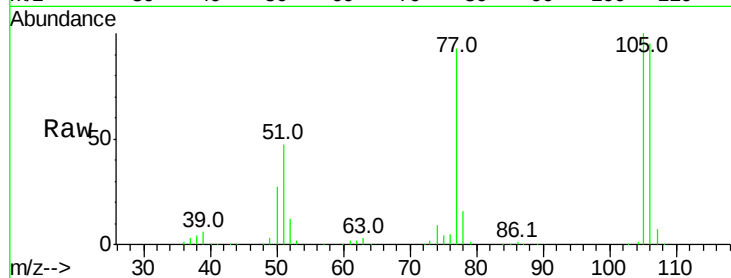




#9
Benzaldehyde
Concen: 40.844 ng
RT: 6.27 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

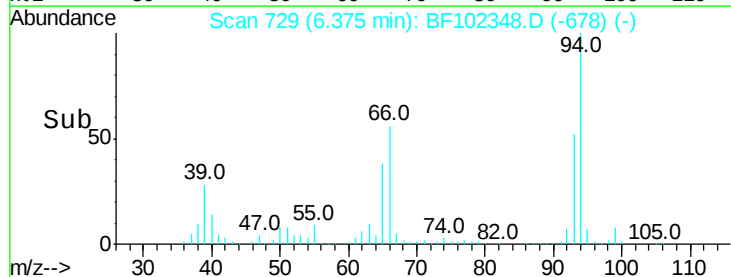
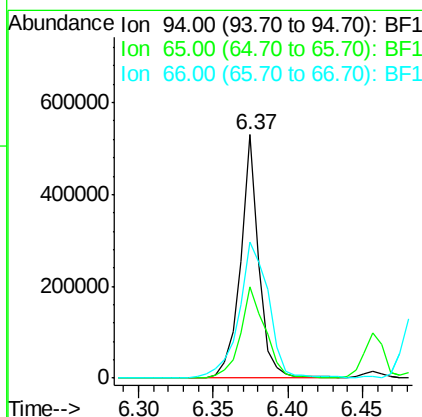
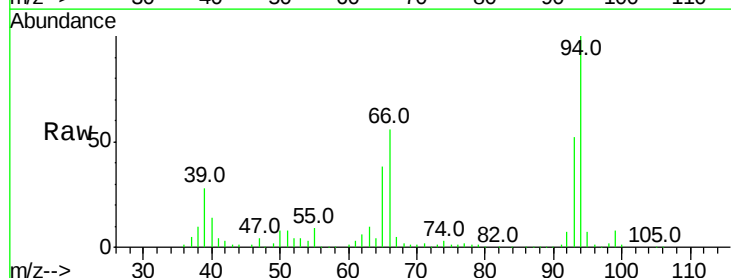
Instrument :
BNA_F
ClientSampleId :

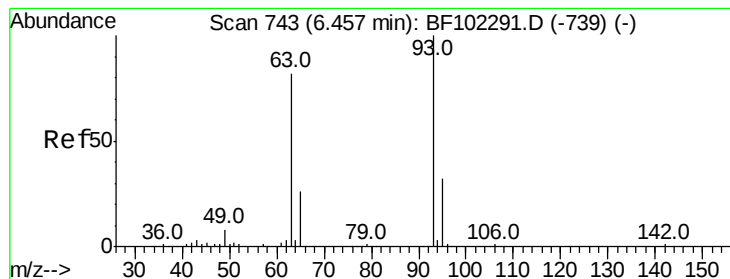
Tot Ion: 77 Resp: 237203
Ion Ratio Lower Upper
77 100
105 107.7 81.1 121.1
106 102.3 74.5 114.5



#10
Phenol
Concen: 39.364 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Tgt Ion: 94 Resp: 453040
Ion Ratio Lower Upper
94 100
65 37.6 7.9 47.9
66 56.1 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 40.856 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

Instrument :

BNA_F

ClientSampleId :

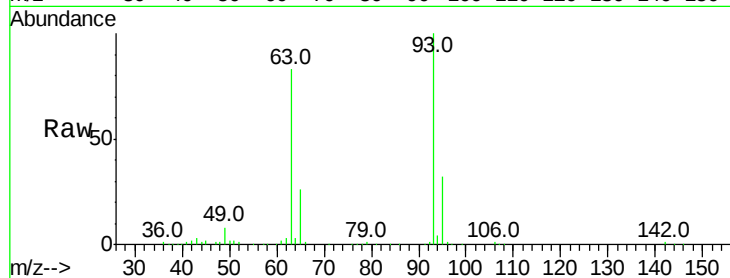
Tot Ion: 93 Resp: 357630

Ion Ratio Lower Upper

93 100

63 83.4 58.6 98.6

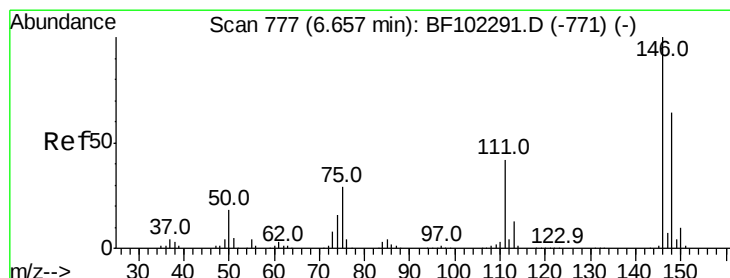
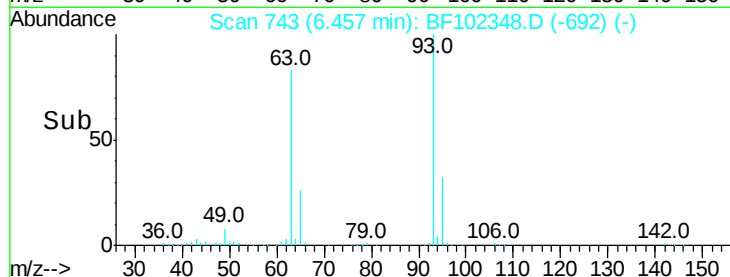
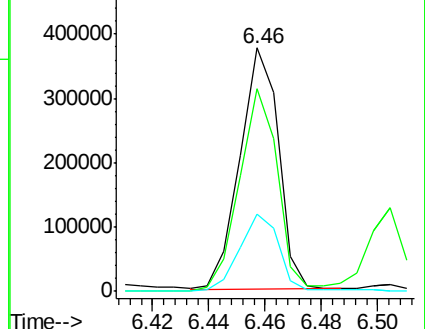
95 31.9 11.8 51.8



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: 39.788 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

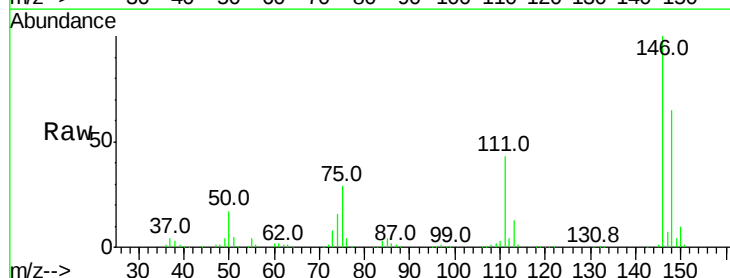
Tgt Ion: 146 Resp: 433747

Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.8

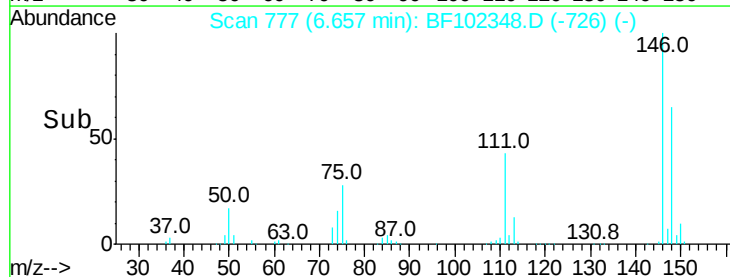
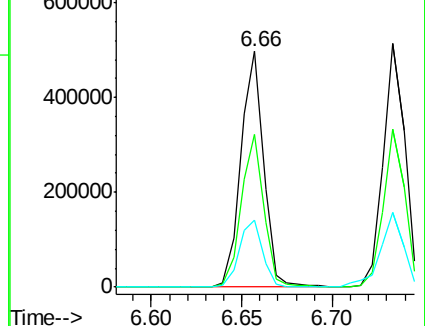
75 28.6 24.2 36.4

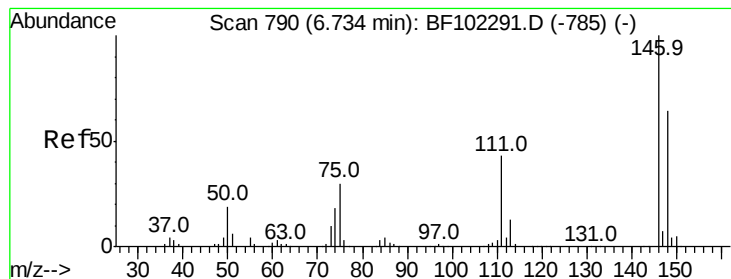


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.681 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

Instrument :

BNA_F

ClientSampleId :

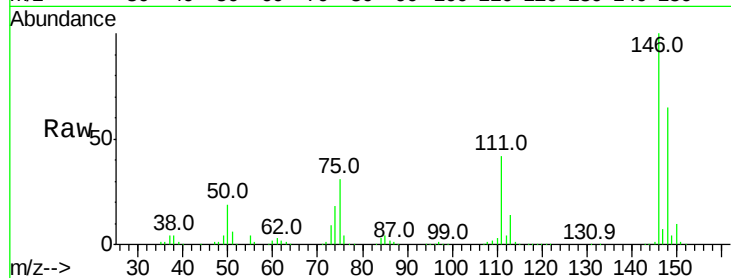
Tot Ion:146 Resp: 433317

Ion Ratio Lower Upper

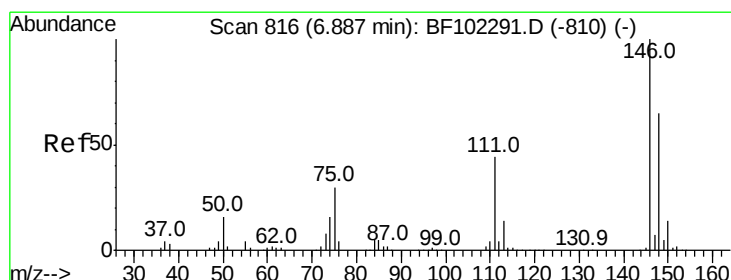
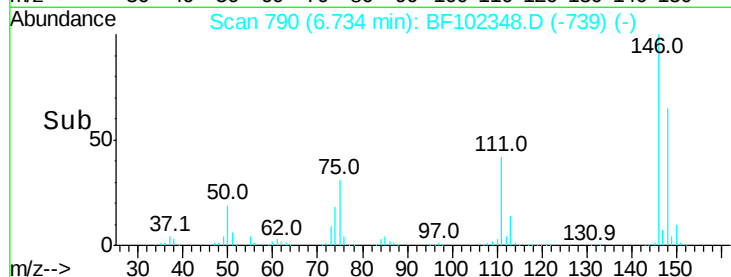
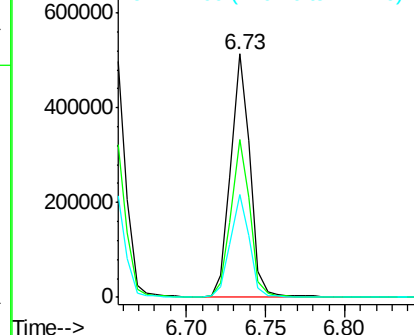
146 100

148 64.7 50.8 76.2

111 42.1 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: 40.586 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

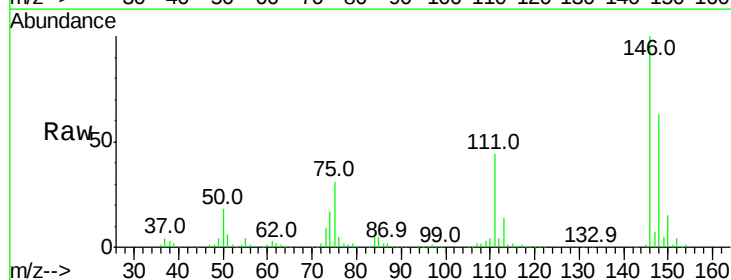
Tgt Ion:146 Resp: 405393

Ion Ratio Lower Upper

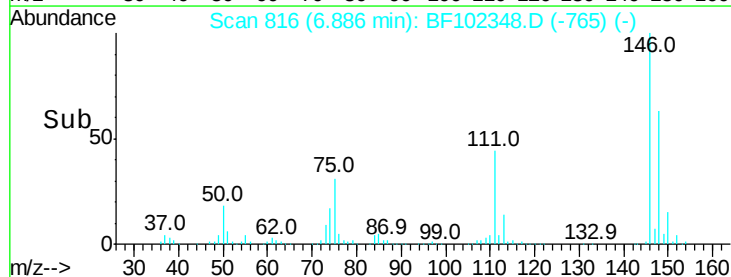
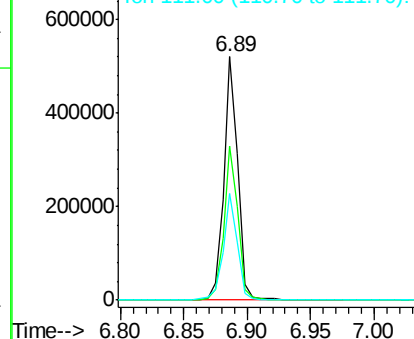
146 100

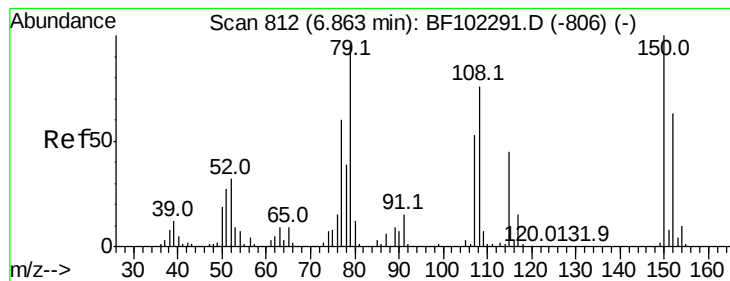
148 63.1 50.6 75.8

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: 40.154 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

Instrument :

BNA_F

ClientSampled :

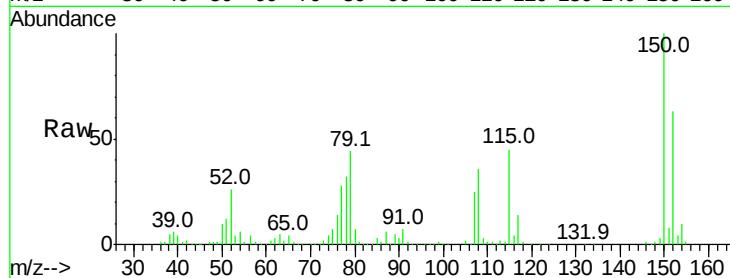
Tot Ion: 79 Resp: 298664

Ion Ratio Lower Upper

79 100

108 80.6 65.1 97.7

77 63.5 50.6 75.8

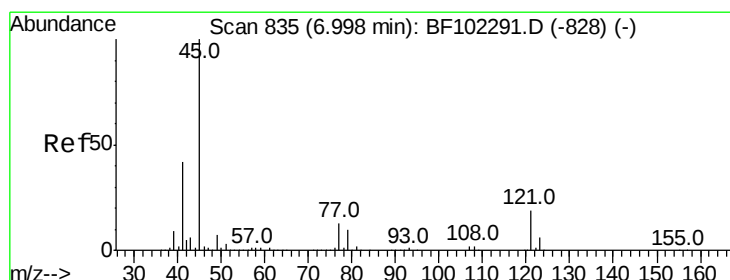
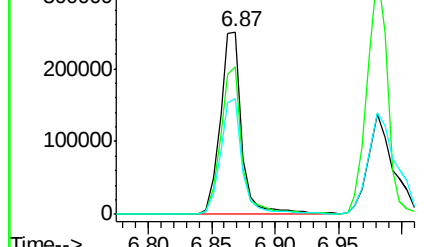
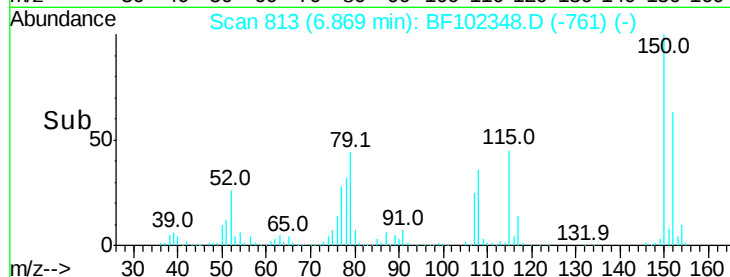


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.273 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

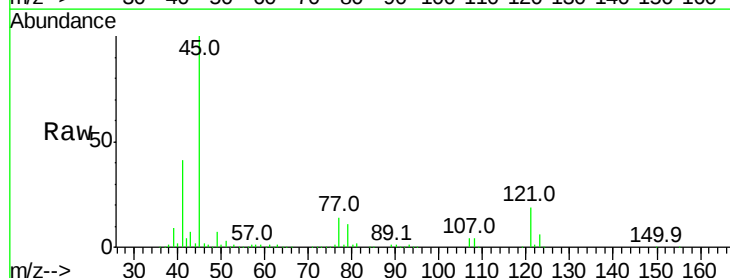
Tgt Ion: 45 Resp: 591241

Ion Ratio Lower Upper

45 100

77 13.7 0.0 32.9

79 11.0 0.0 29.6

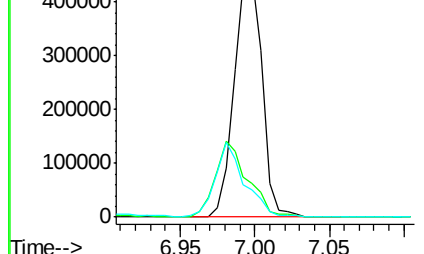
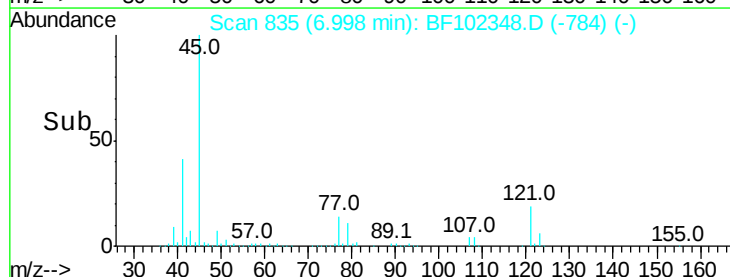


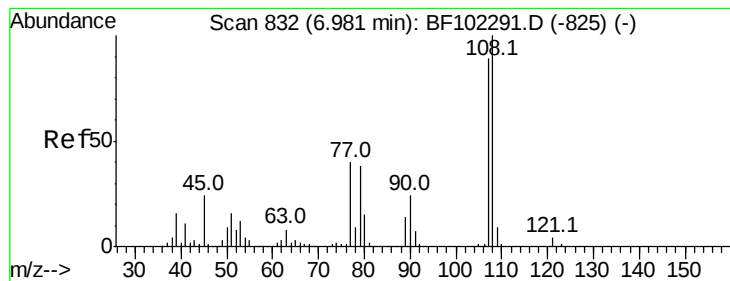
Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->





#17

2-Methylphenol

Concen: 40.633 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 323471

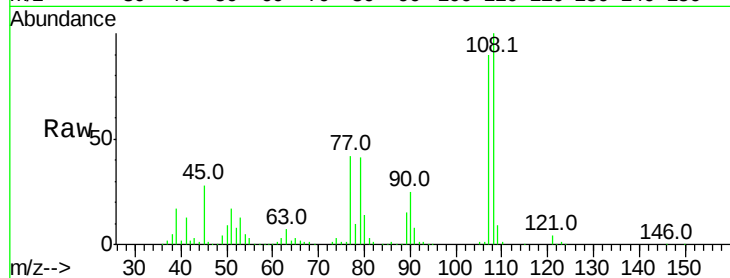
Ion Ratio Lower Upper

107 100

108 111.7 91.7 137.5

77 46.9 33.8 50.8

79 46.3 33.8 50.8

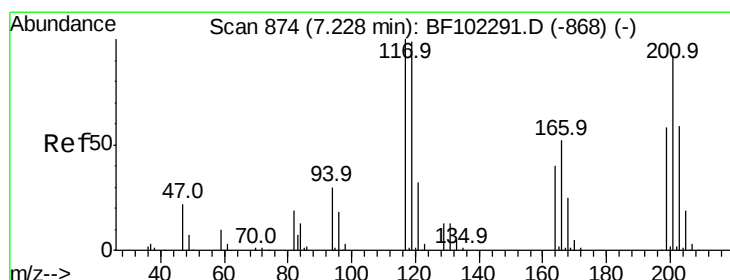
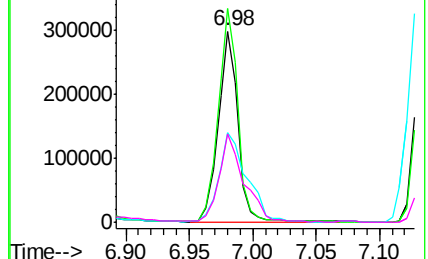
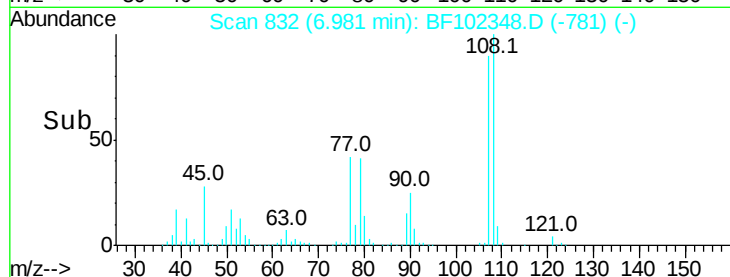


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.630 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

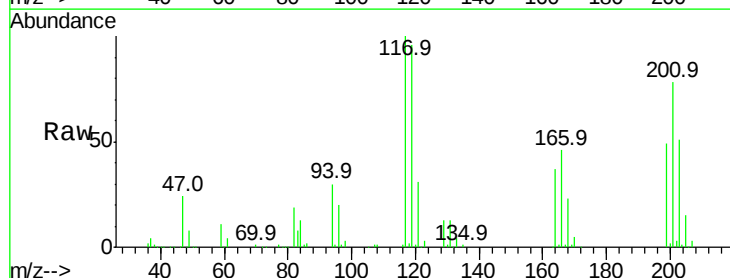
Tgt Ion:117 Resp: 154611

Ion Ratio Lower Upper

117 100

119 96.5 75.8 113.8

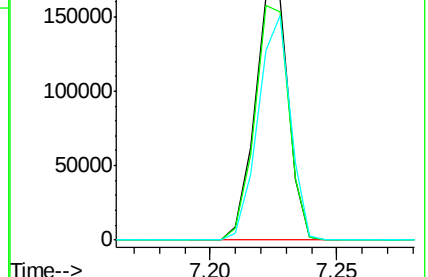
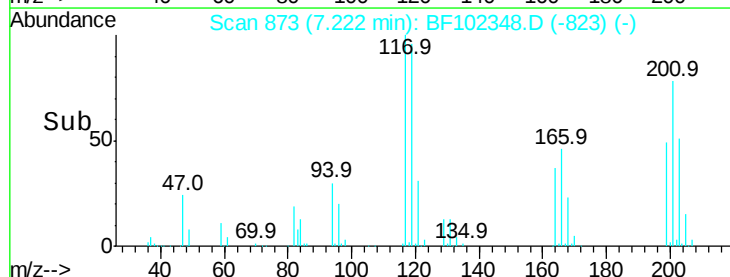
201 78.0 75.7 113.5

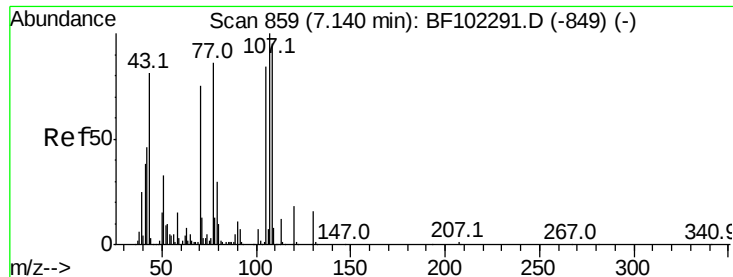


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

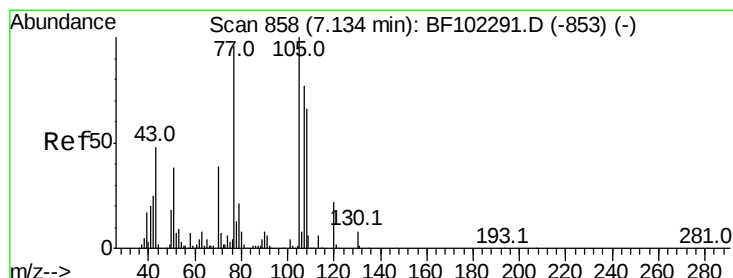
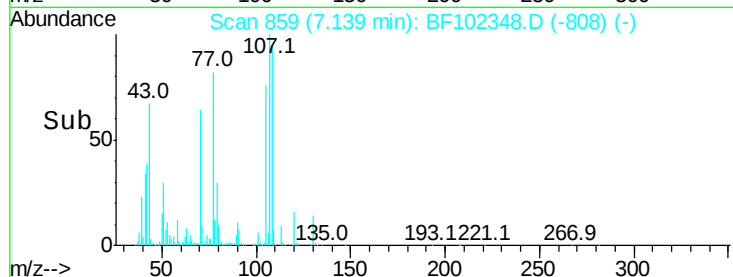
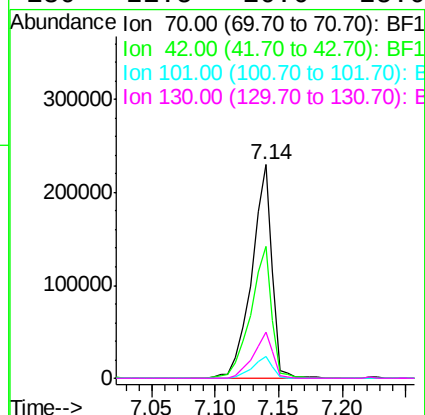
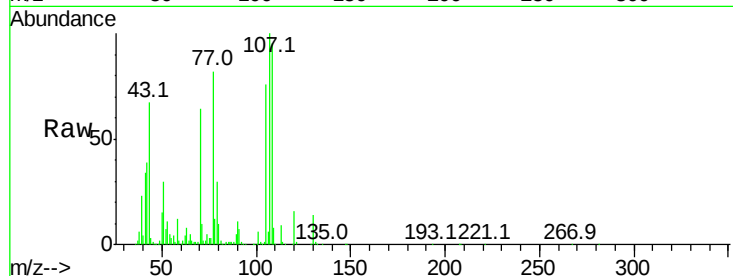




#19
n-Nitroso-di-n-propylamine
Concen: 39.998 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

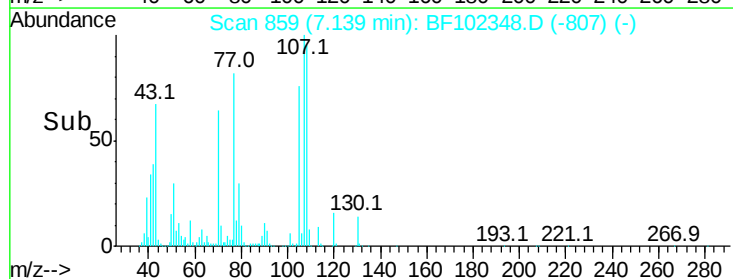
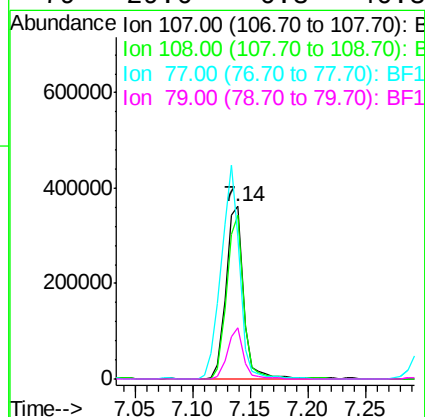
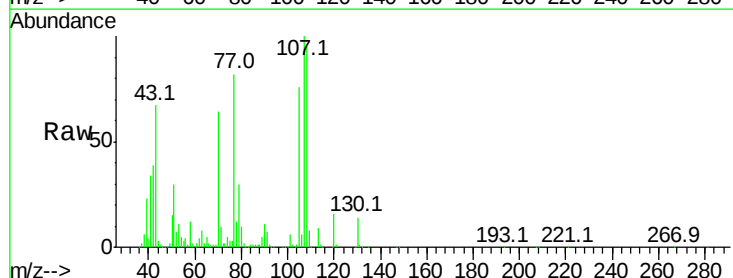
Instrument :
BNA_F
ClientSampleId :

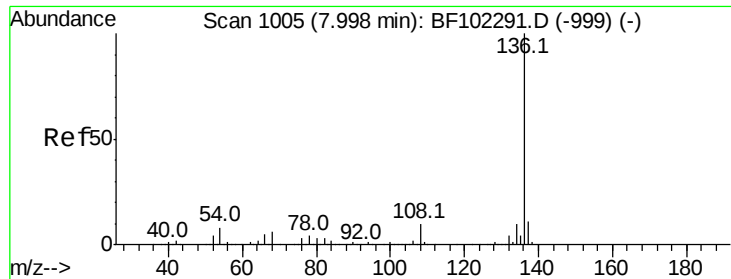
Tot Ion	Ratio	Lower	Upper
70	100		
42	62.0	47.5	71.3
101	9.9	7.4	11.2
130	21.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.914 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.6	68.2	108.2
77	81.9	26.7	66.7
79	29.6	6.3	46.3

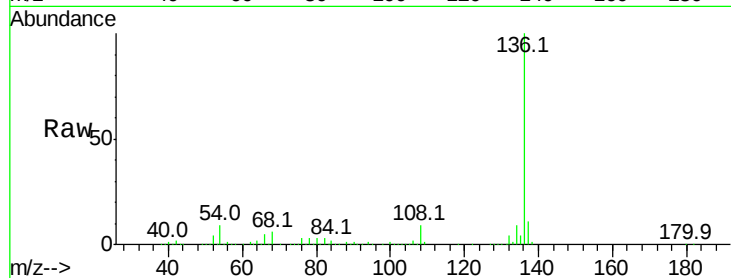




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 559333
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 8.5	6.6 9.8
68 5.9	5.0 7.4

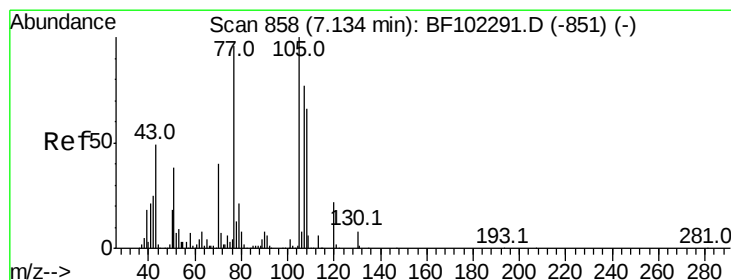
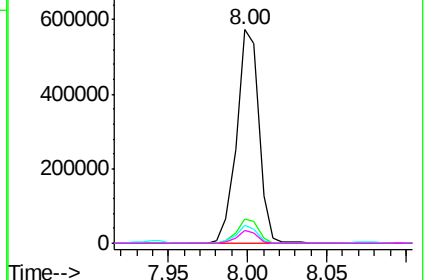
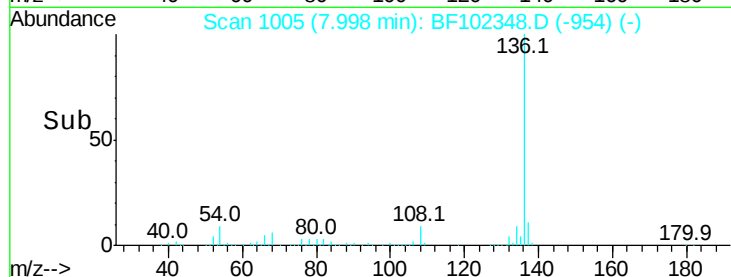


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

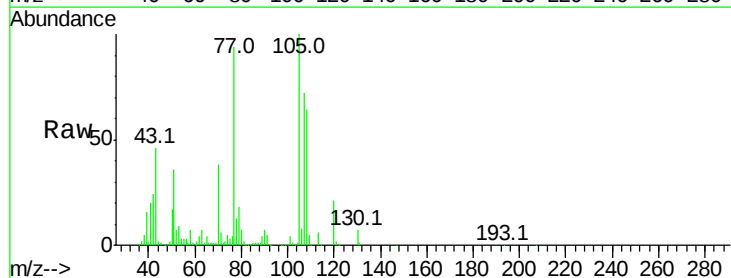
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.581 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Tgt	Ion:105	Resp:	527751
Ion	Ratio	Lower	Upper
105	100		
71	6.2	4.4	6.6
51	36.1	22.3	33.5#
120	21.3	16.9	25.3

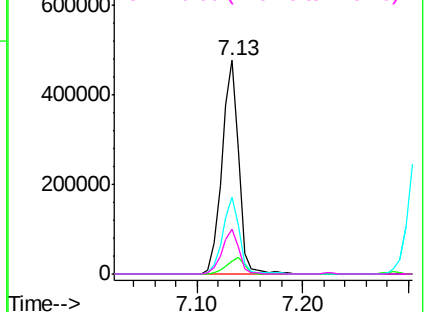
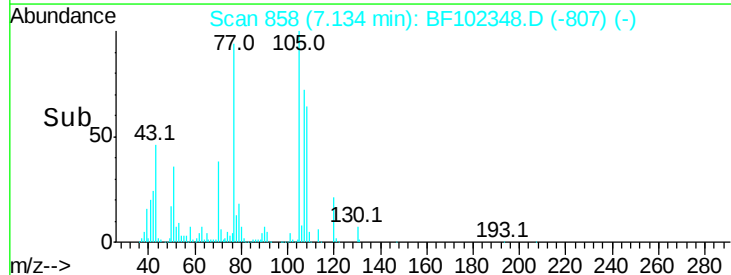


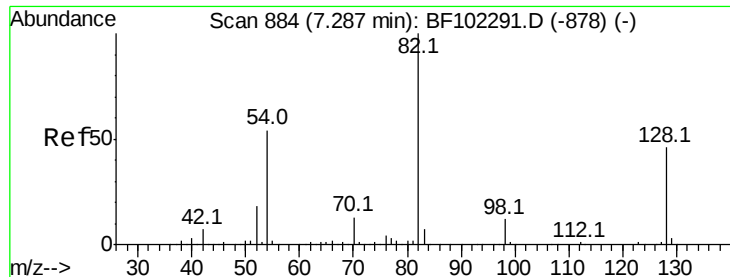
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

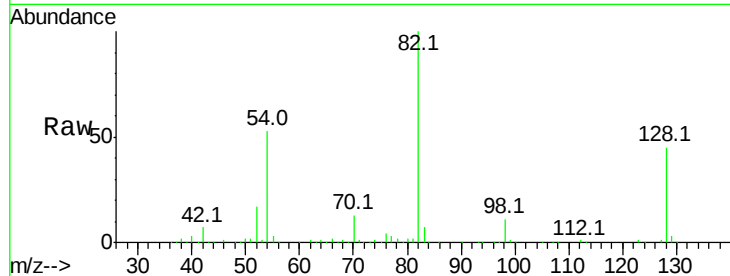




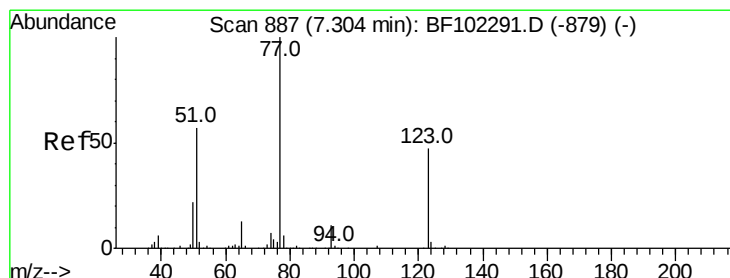
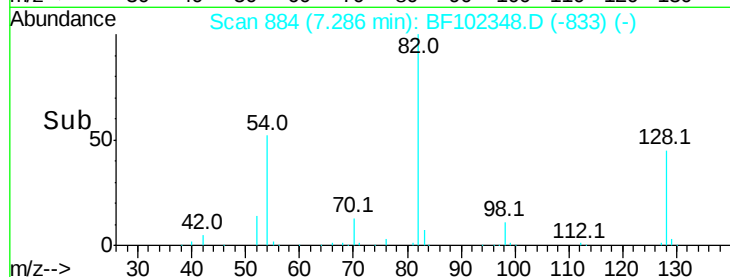
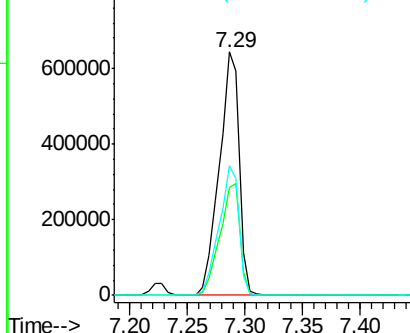
#23
Nitrobenzene-d5
Concen: 79.342 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 772246
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 53.2 41.4 62.2

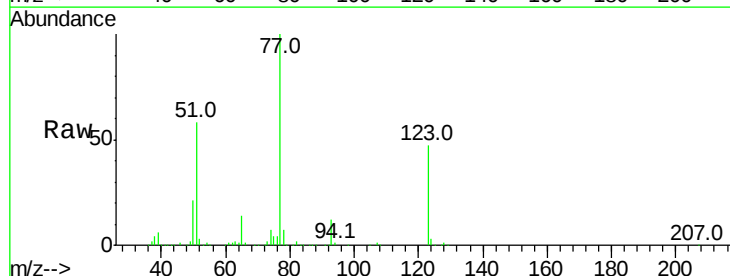


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

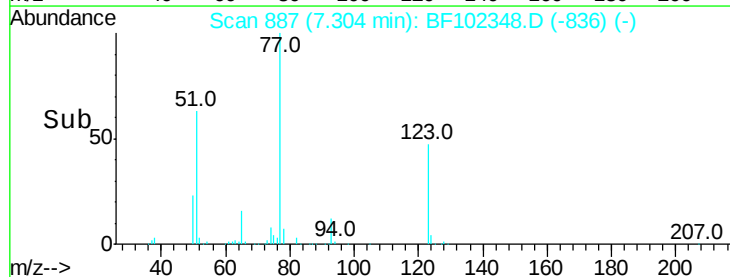
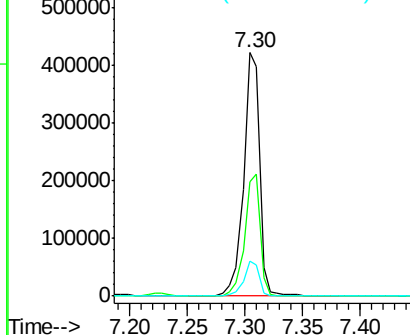


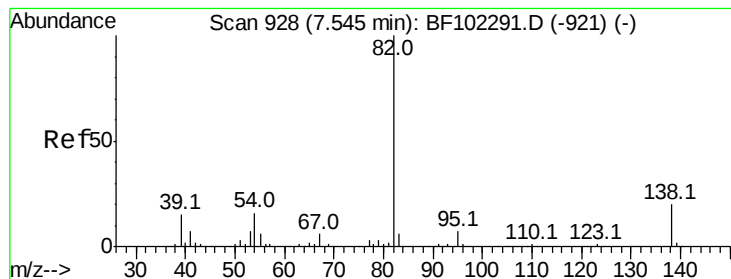
#24
Nitrobenzene
Concen: 40.455 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Tgt Ion: 77 Resp: 402955
Ion Ratio Lower Upper
77 100
123 47.0 37.9 56.9
65 14.5 11.0 16.4



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





#25

Isophorone

Concen: 39.996 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

Instrument :

BNA_F

ClientSampleId :

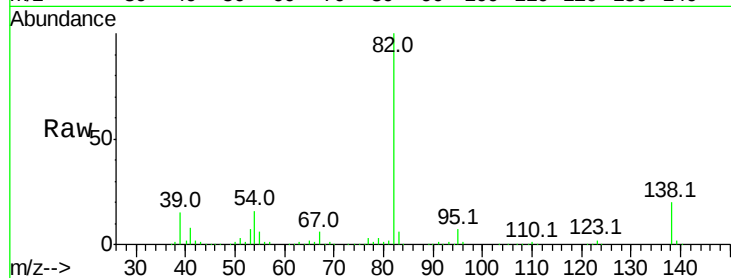
Tot Ion: 82 Resp: 694009

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

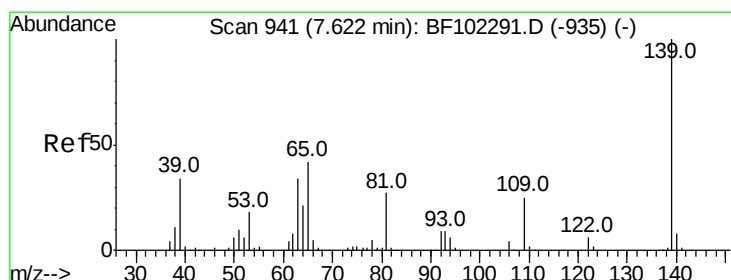
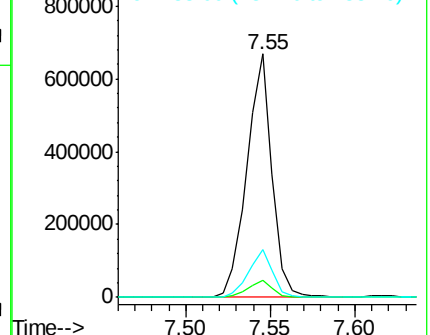
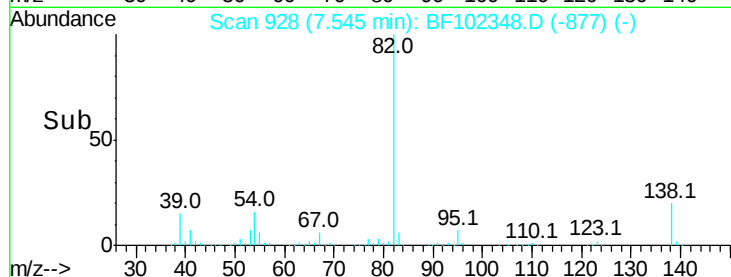
138 19.6 14.9 22.3



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: 40.636 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

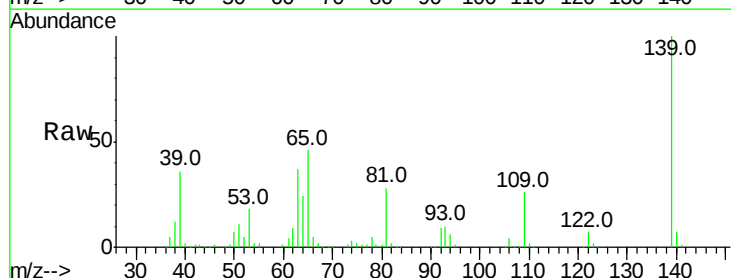
Tgt Ion: 139 Resp: 213030

Ion Ratio Lower Upper

139 100

109 25.7 22.7 34.1

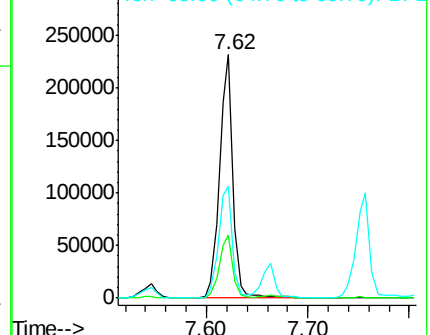
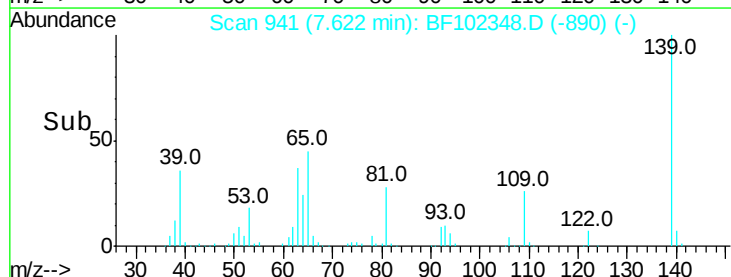
65 45.8 40.5 60.7

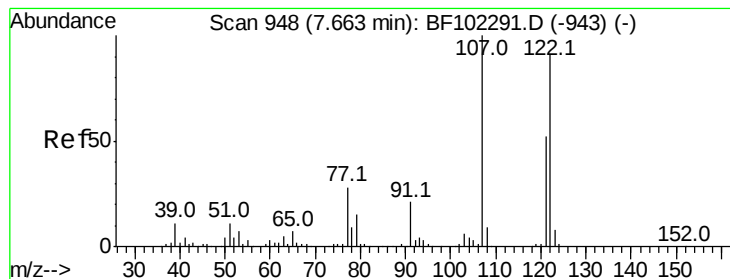


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.591 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

Instrument :

BNA_F

ClientSampleId :

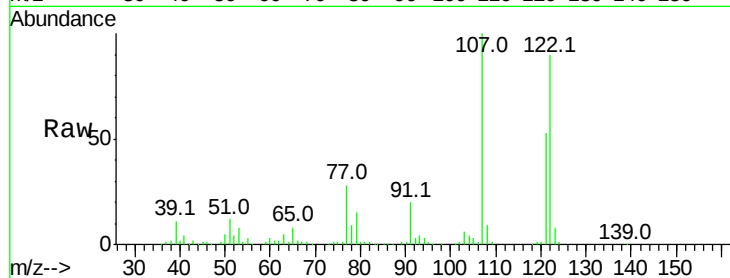
Tot Ion:122 Resp: 301373

Ion Ratio Lower Upper

122 100

107 110.8 91.2 136.8

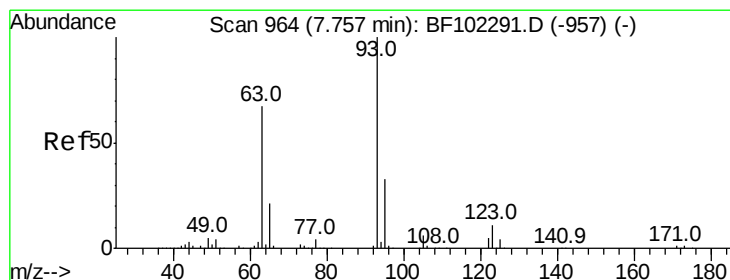
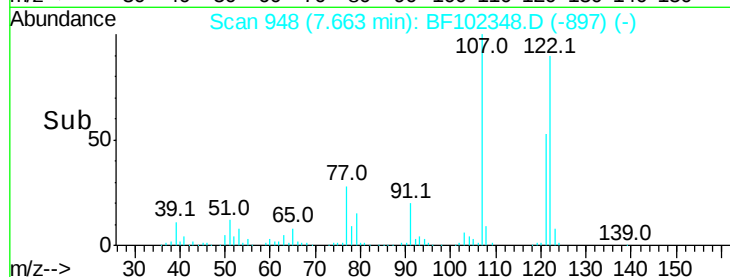
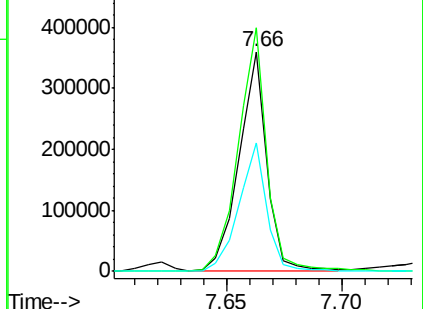
121 58.2 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.134 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

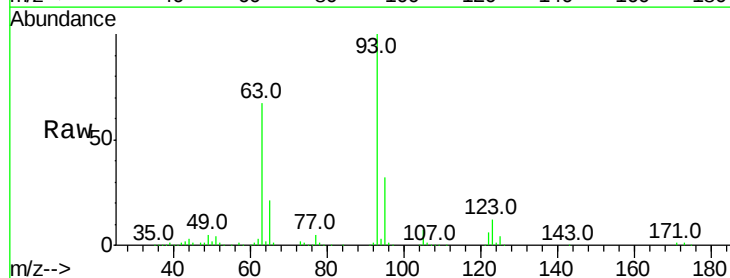
Tgt Ion: 93 Resp: 430185

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

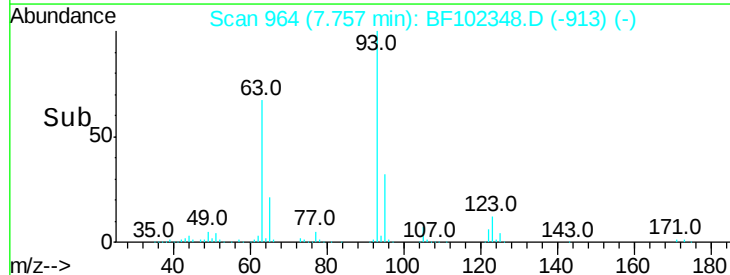
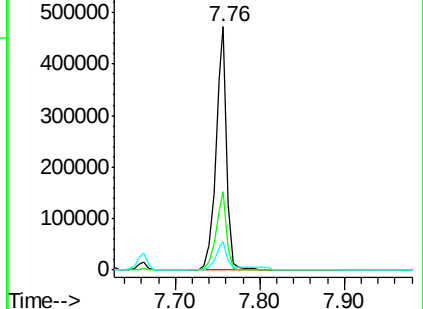
123 11.7 9.8 14.6

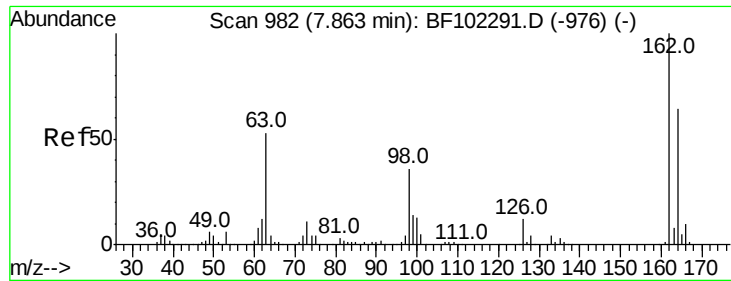


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

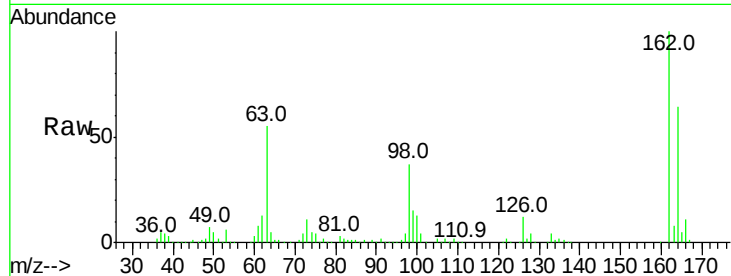




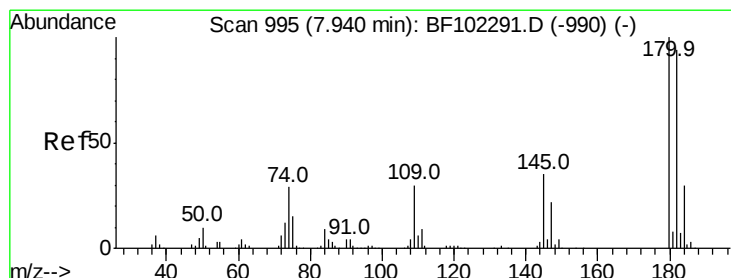
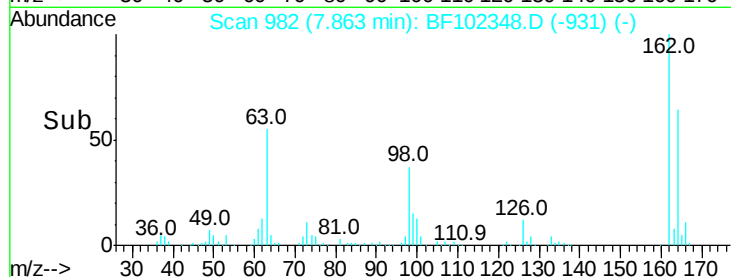
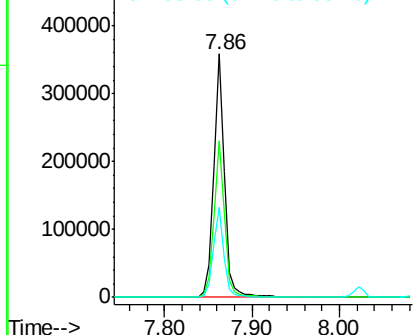
#29
 2,4-Dichlorophenol
 Concen: 39.832 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.7	82.7
98	37.1	18.1	58.1

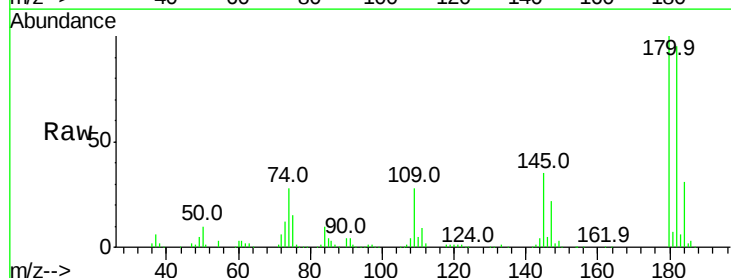


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

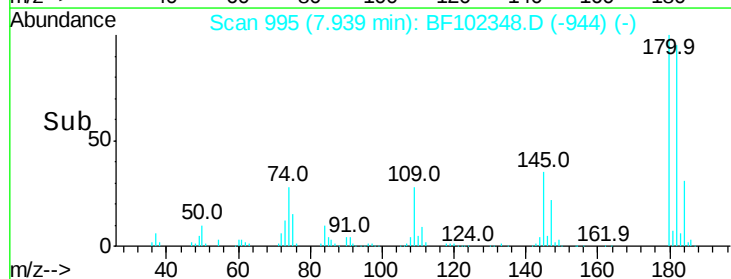
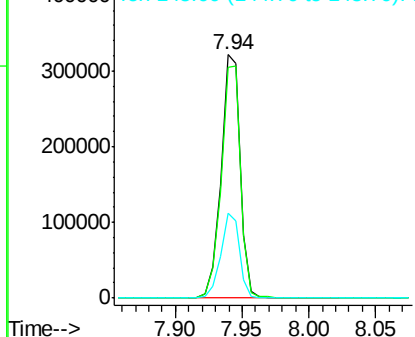


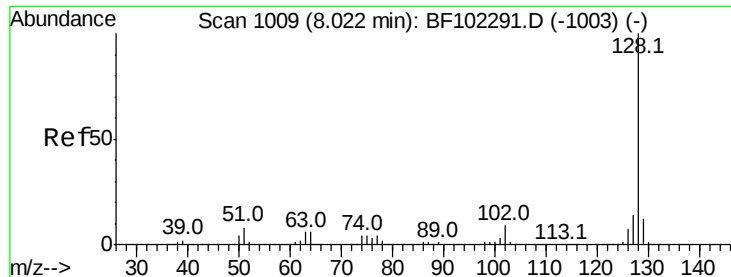
#30
 1,2,4-Trichlorobenzene
 Concen: 39.383 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.8	115.2
145	34.8	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

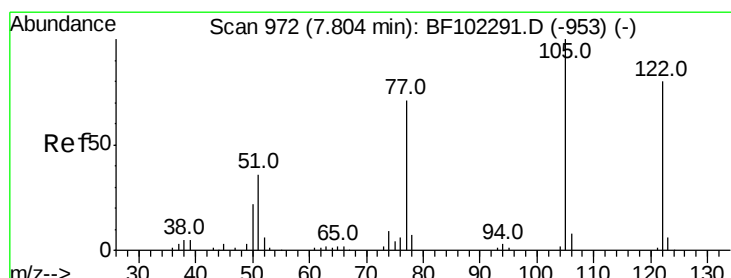
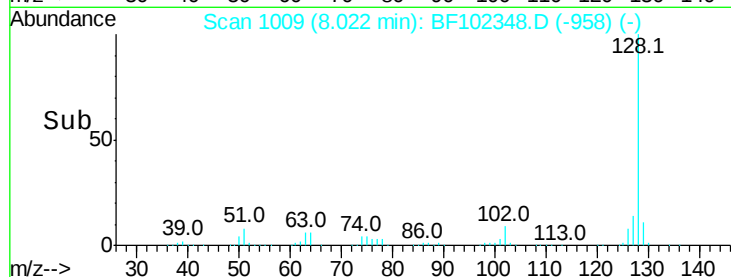
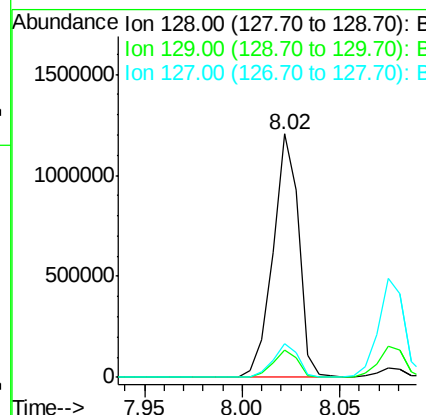
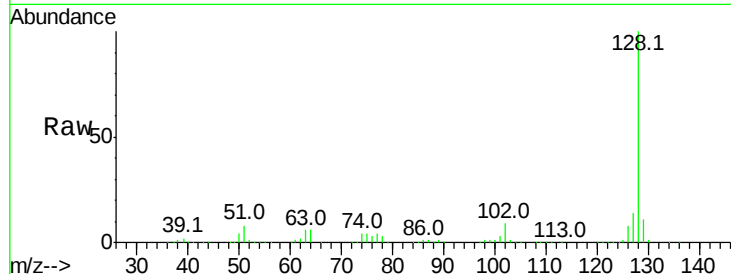




#31
Naphthalene
Concen: 39.336 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

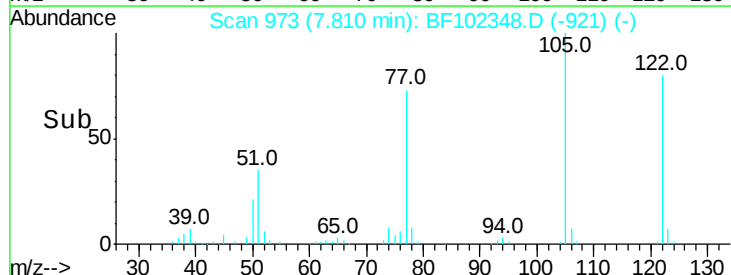
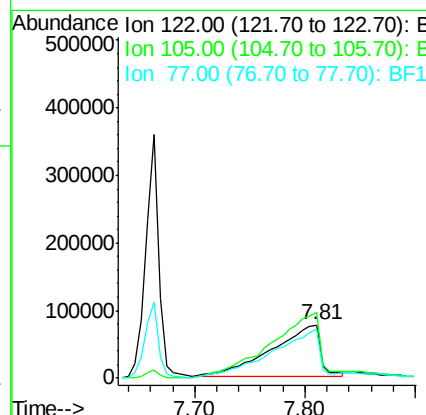
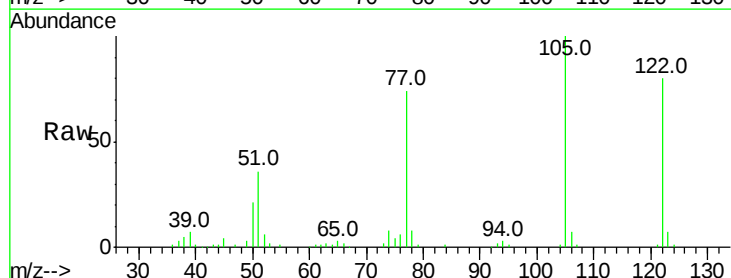
Instrument :
BNA_F
ClientSampleId :

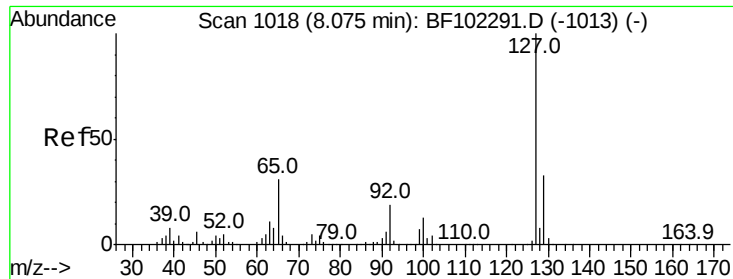
Tot Ion:128 Resp: 1098512
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.9 10.9 16.3



#32
Benzoic acid
Concen: 35.423 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.01 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Tgt Ion:122 Resp: 225917
Ion Ratio Lower Upper
122 100
105 124.5 101.1 141.1
77 91.8 70.7 110.7

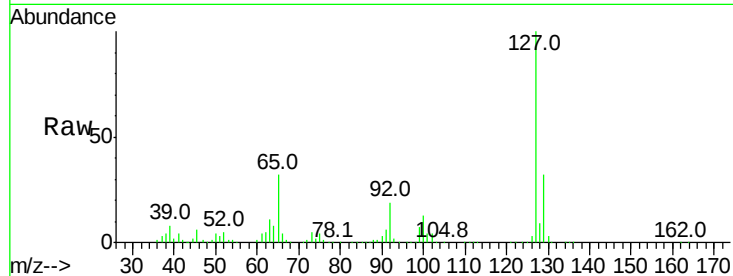




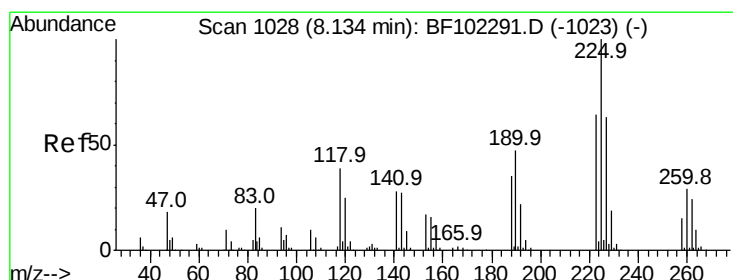
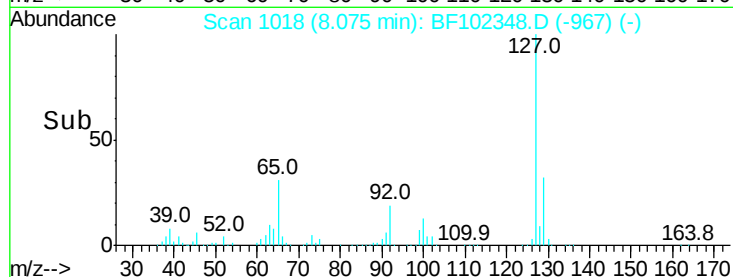
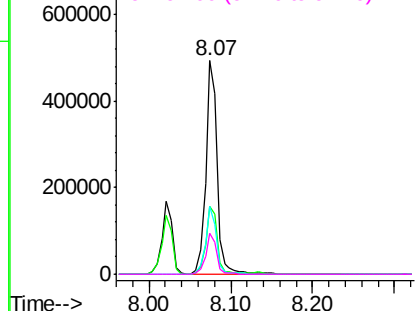
#33
4-Chloroaniline
Concen: 40.477 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	475338
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	31.7	25.0	37.4
92	19.1	15.2	22.8

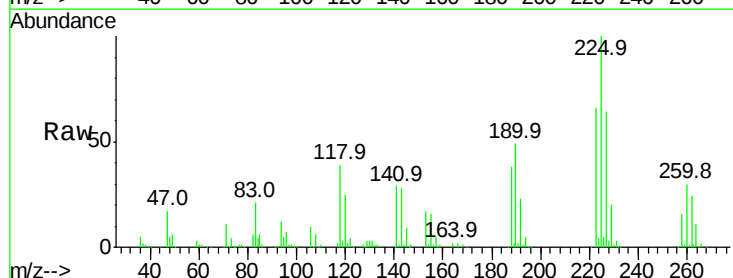


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

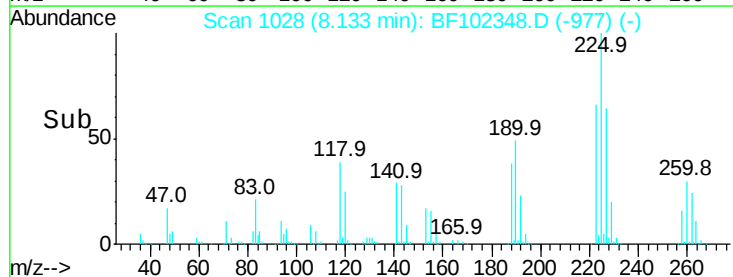
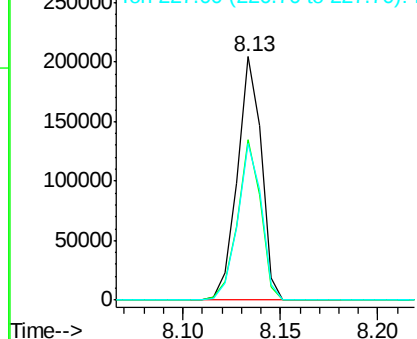


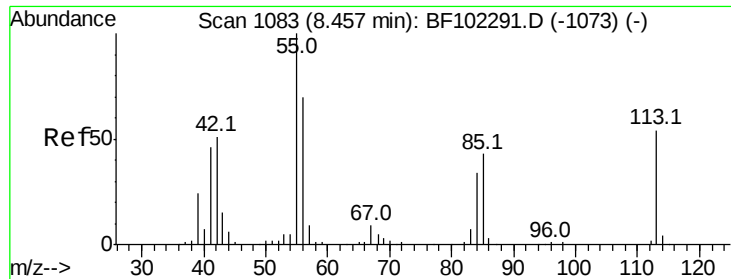
#34
Hexachlorobutadiene
Concen: 39.316 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Tgt Ion:	225	Resp:	174537
Ion	Ratio	Lower	Upper
225	100		
223	65.7	50.6	76.0
227	64.1	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

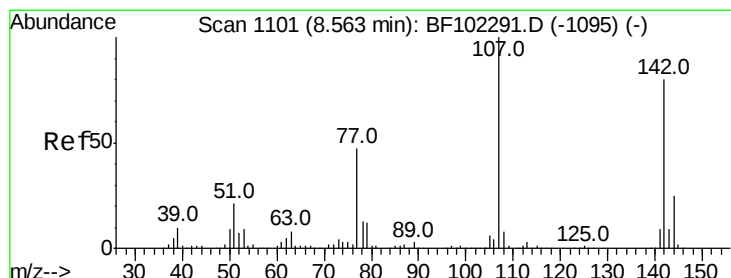
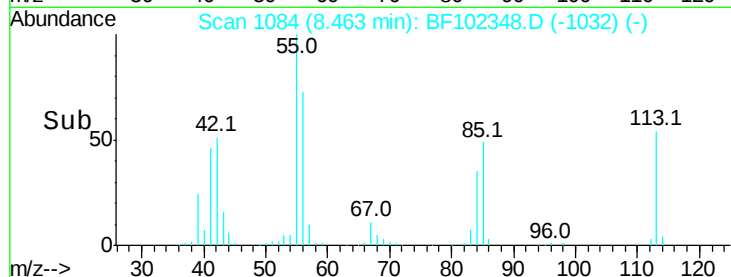
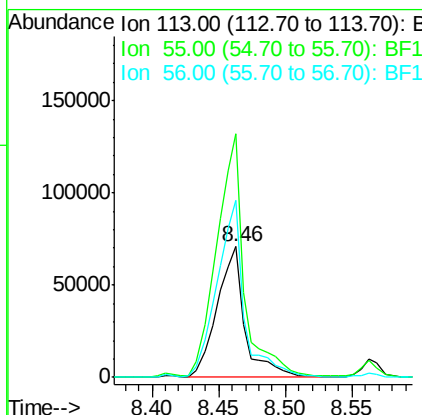
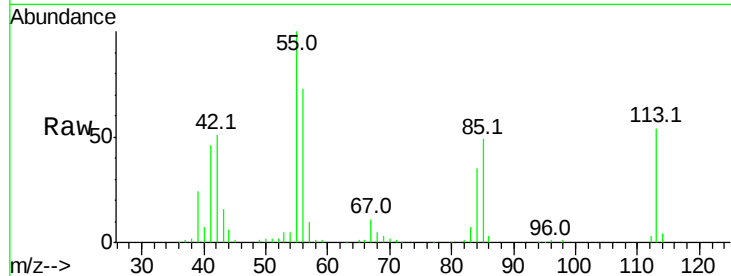




#35
 Caprolactam
 Concen: 40.803 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

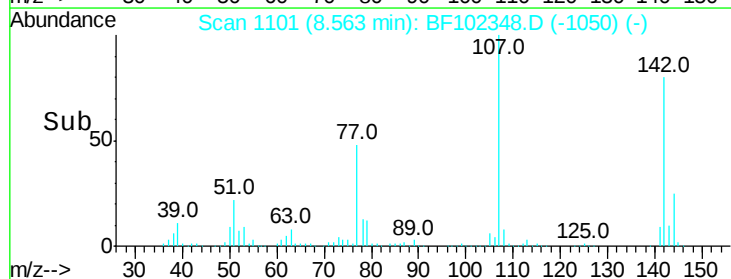
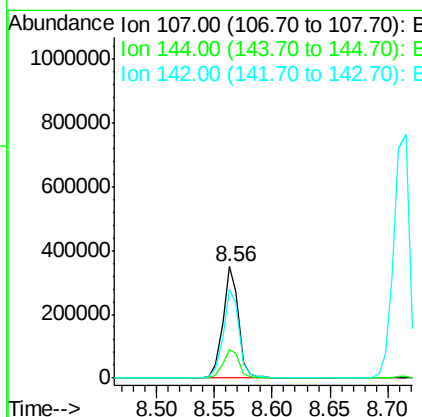
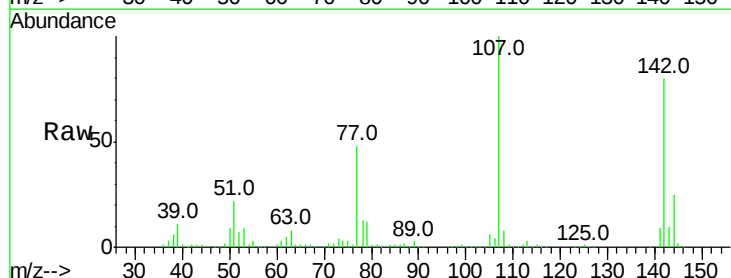
Instrument :
 BNA_F
 ClientSampled :

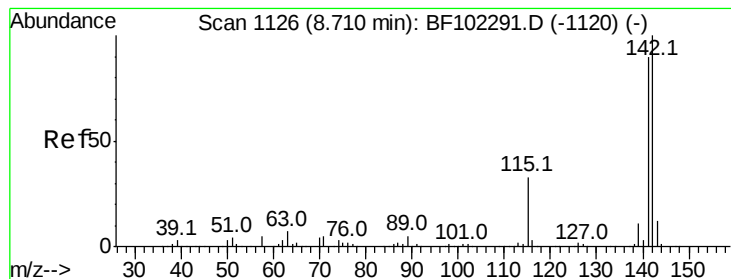
Tot Ion:113 Resp: 104490
 Ion Ratio Lower Upper
 113 100
 55 186.4 163.3 203.3
 56 135.8 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.311 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.00 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

Tgt Ion:107 Resp: 329476
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 79.9 62.0 93.0





#37

2-Methylnaphthalene

Concen: 39.415 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

Instrument :

BNA_F

ClientSampled :

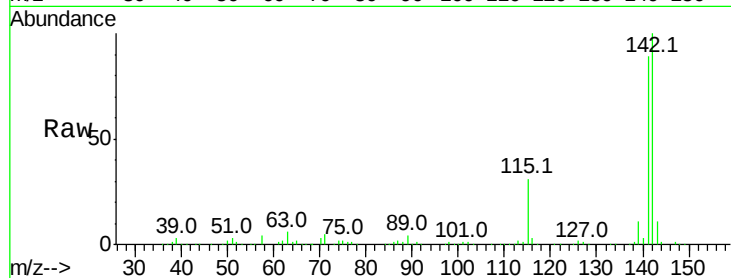
Tot Ion:142 Resp: 733057

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2

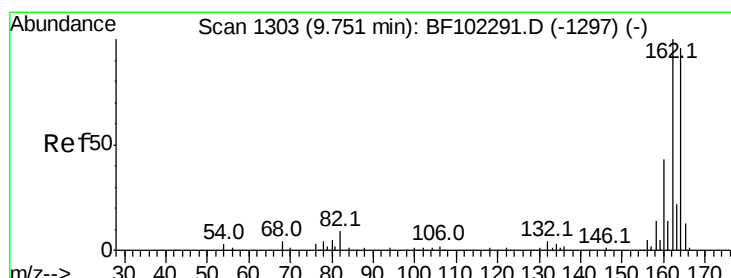
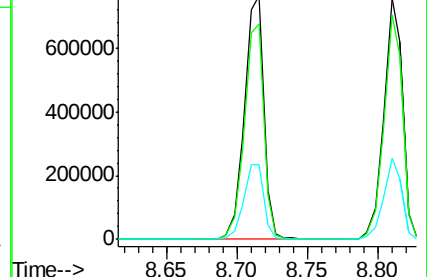
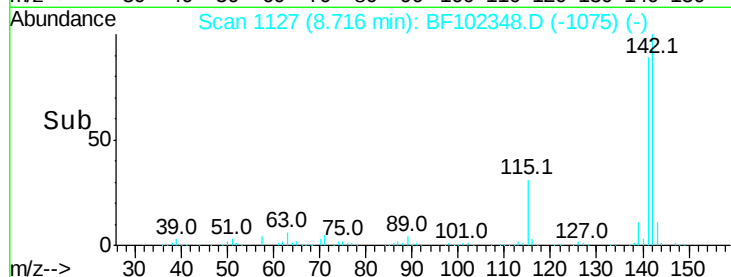
115 30.8 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

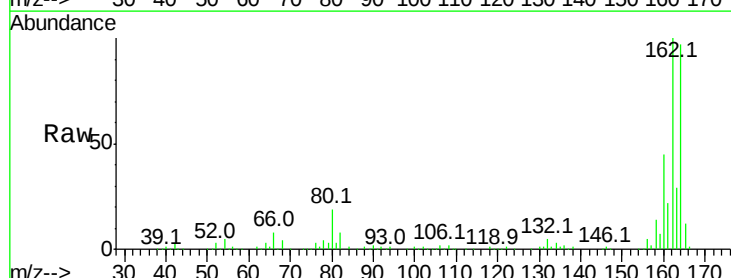
Tgt Ion:164 Resp: 254602

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

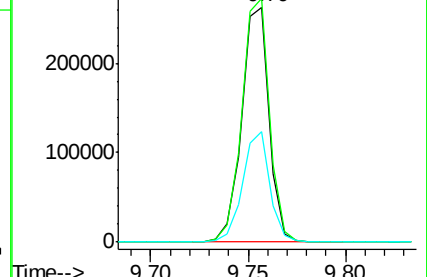
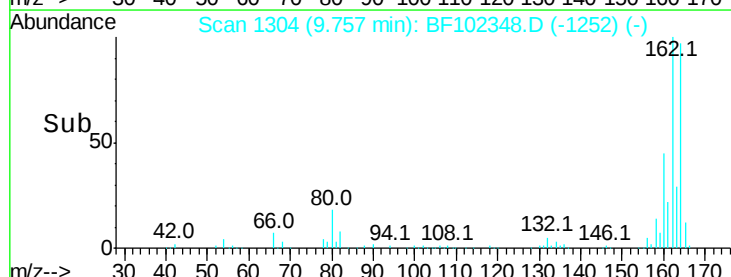
160 46.8 38.3 57.5

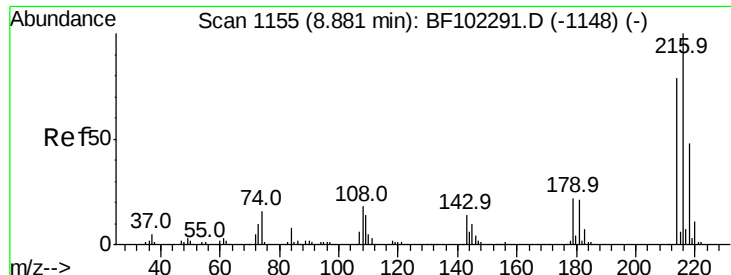


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

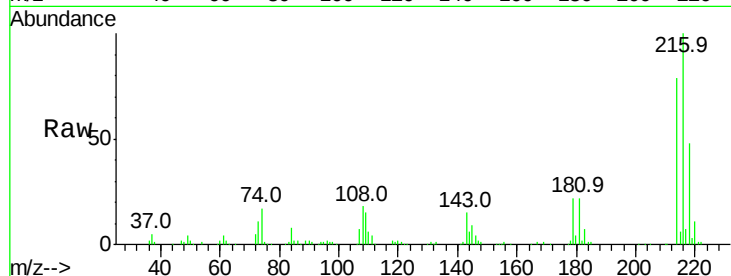




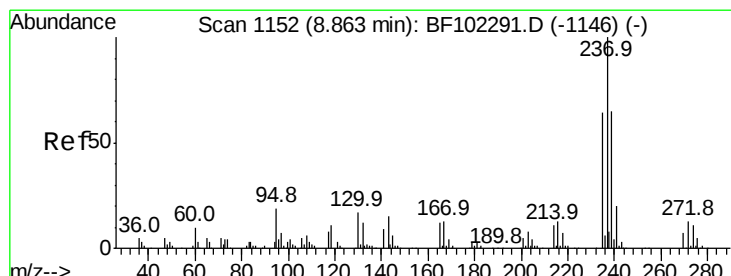
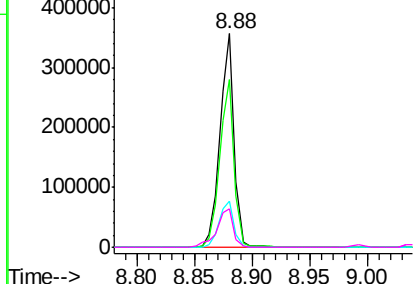
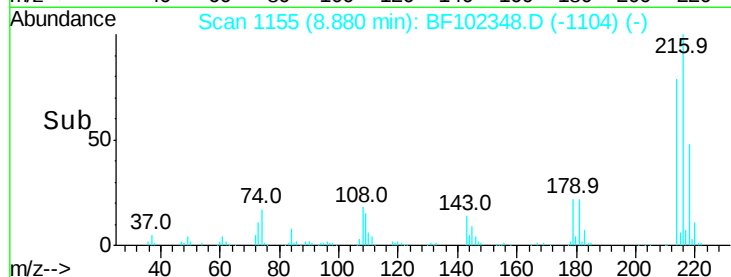
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.373 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	301598
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.0	94.4
179	22.5	18.1	27.1
108	21.0	17.2	25.8

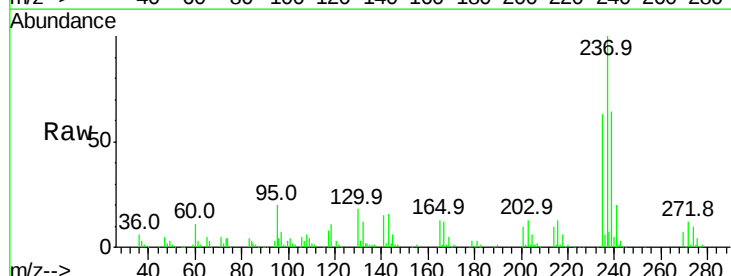


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

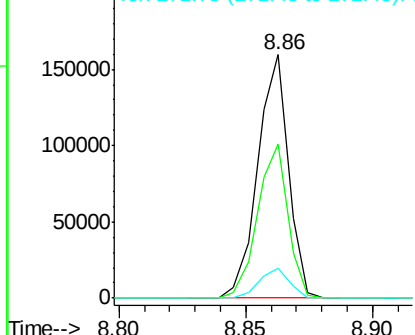
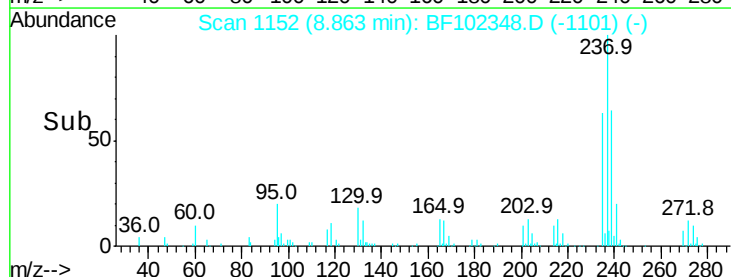


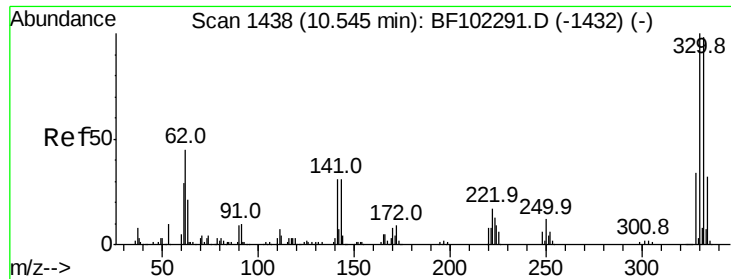
#40
 Hexachlorocyclopentadiene
 Concen: 39.343 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

Tgt Ion:	237	Resp:	134868
Ion Ratio	Lower	Upper	
237	100		
235	63.4	44.8	84.8
272	12.4	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

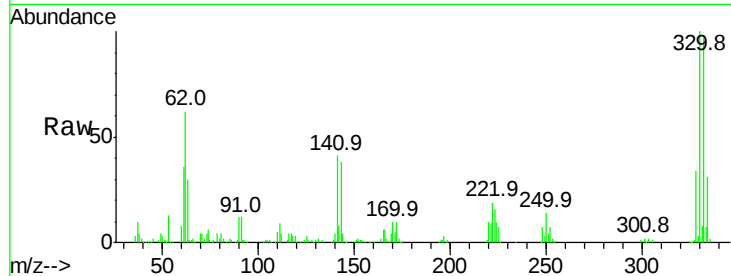




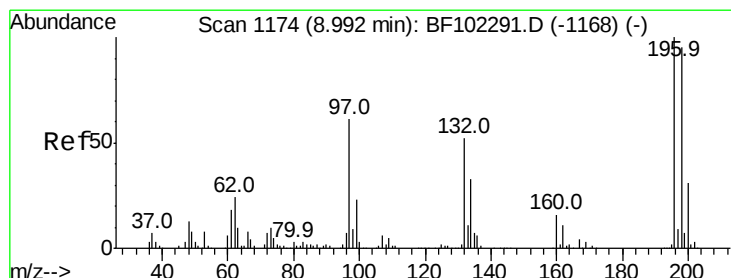
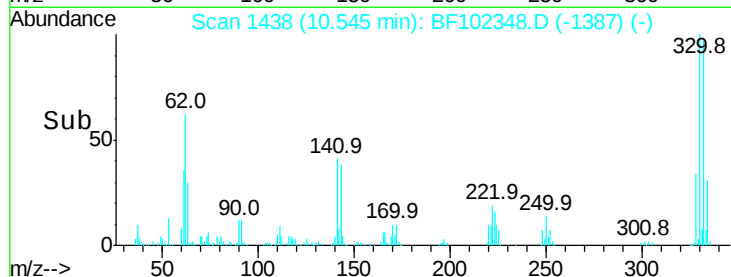
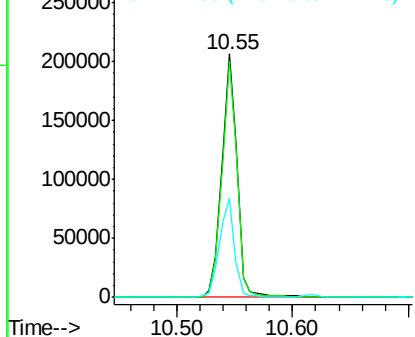
#41
 2,4,6-Tribromophenol
 Concen: 75.135 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	40.4	29.9	44.9

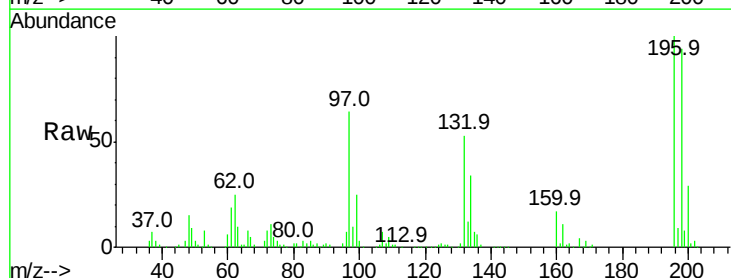


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

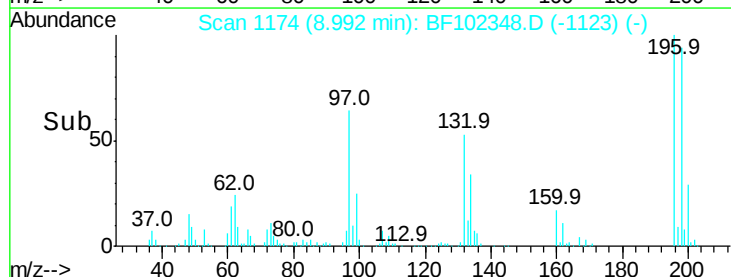
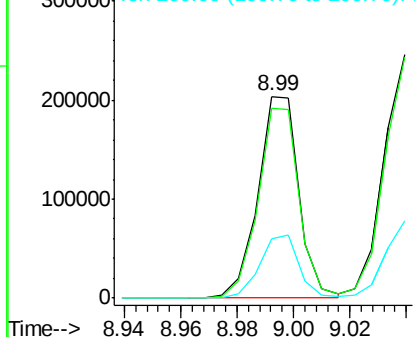


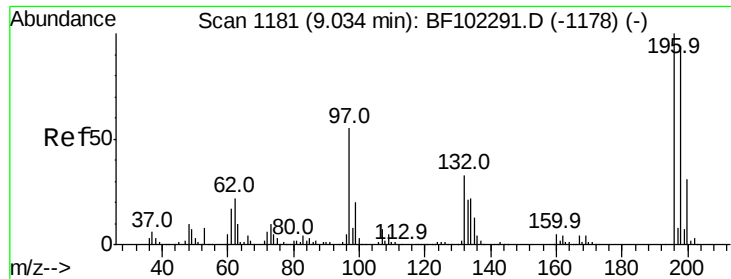
#42
 2,4,6-Trichlorophenol
 Concen: 39.956 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.7	113.5
200	29.4	24.5	36.7



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

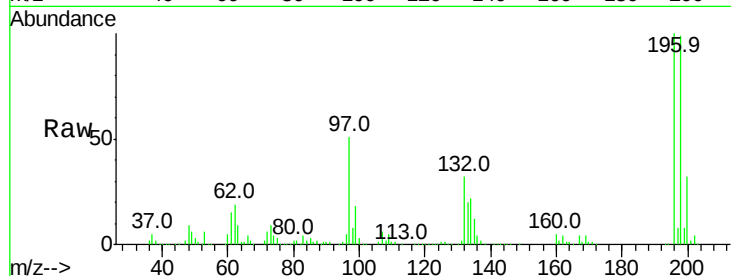




#43
 2,4,5-Trichlorophenol
 Concen: 40.519 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.0	74.6	112.0
97	50.7	42.9	64.3
132	32.3	26.3	39.5



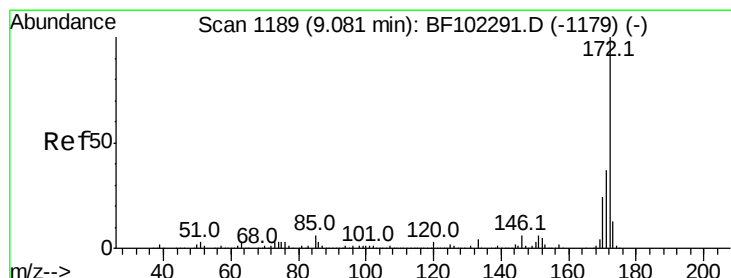
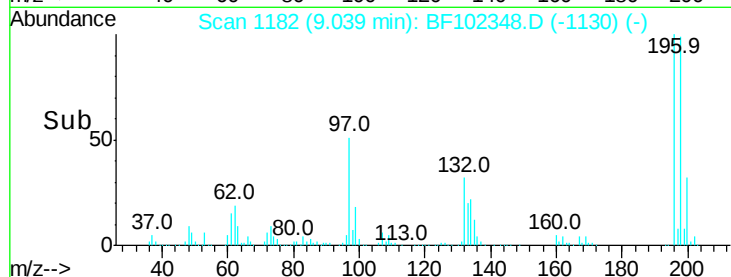
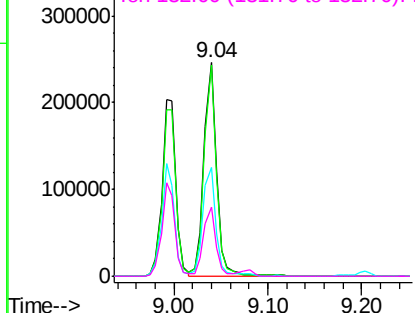
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

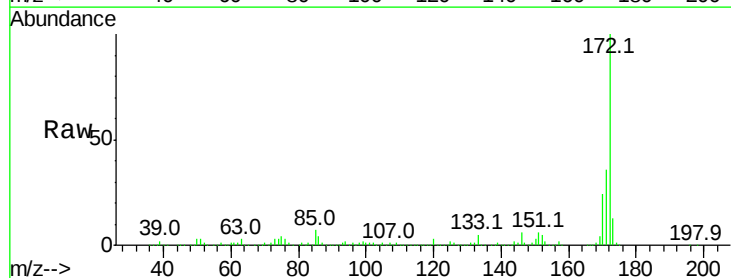
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.136 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.9	19.6	29.4

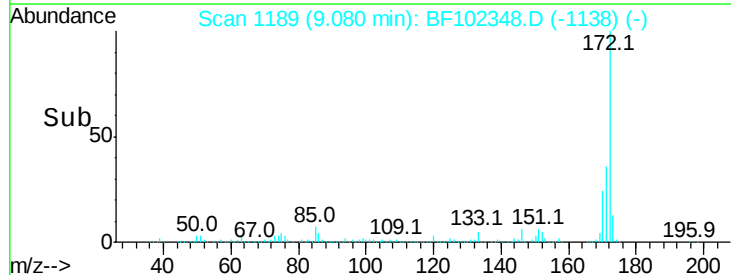
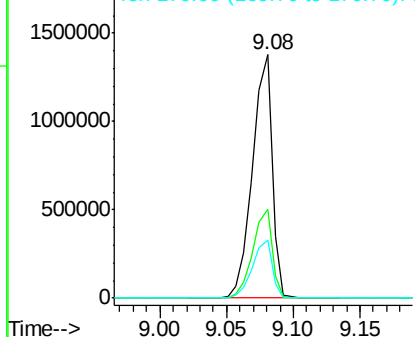


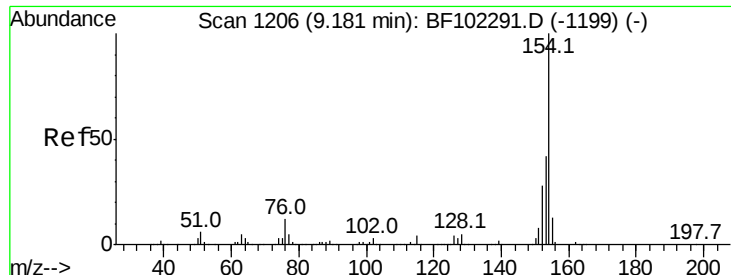
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

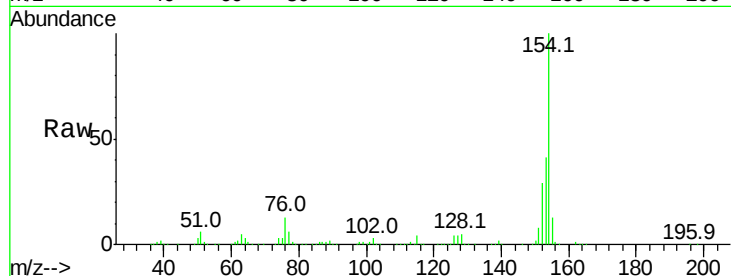




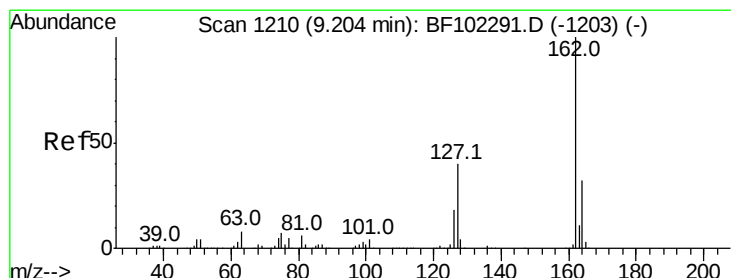
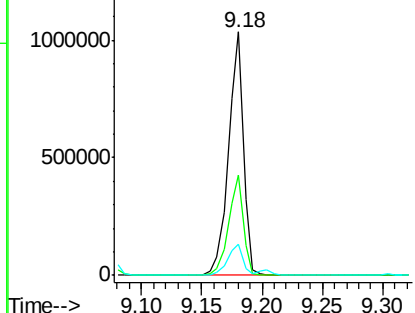
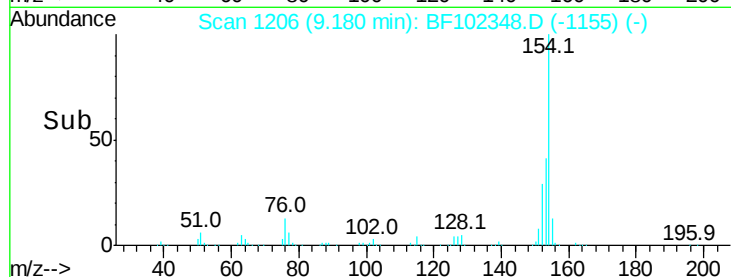
#45
 1,1'-Biphenyl
 Concen: 39.112 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	12.5	0.0	34.0

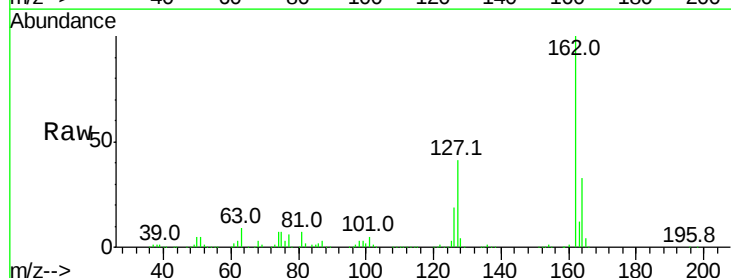


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

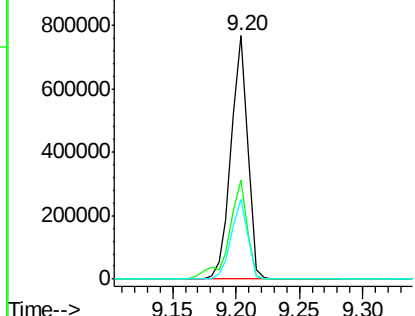
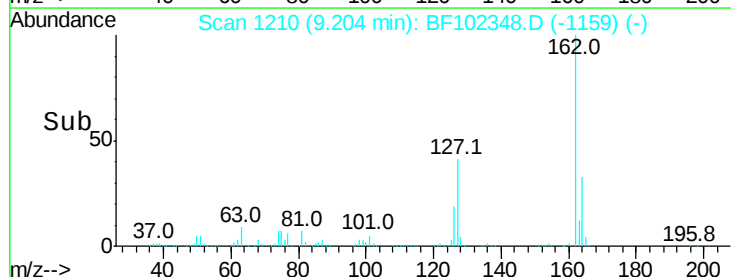


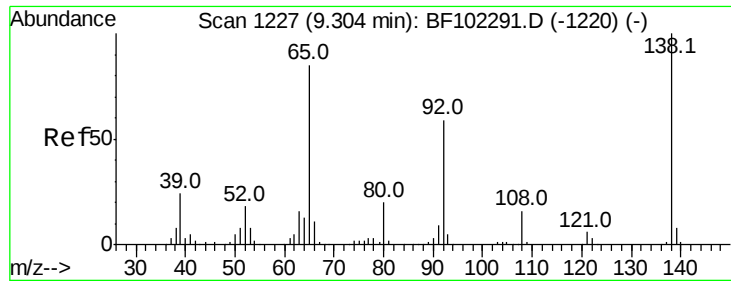
#46
 2-Chloronaphthalene
 Concen: 39.303 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.9	50.9
164	32.8	26.5	39.7



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

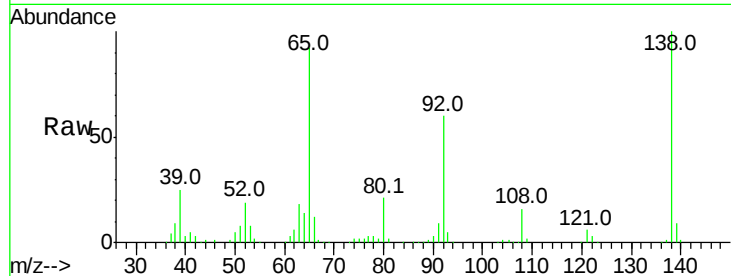




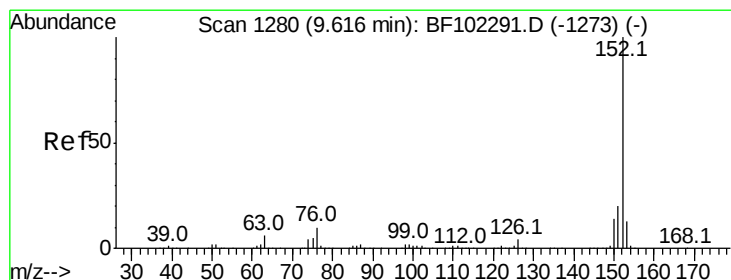
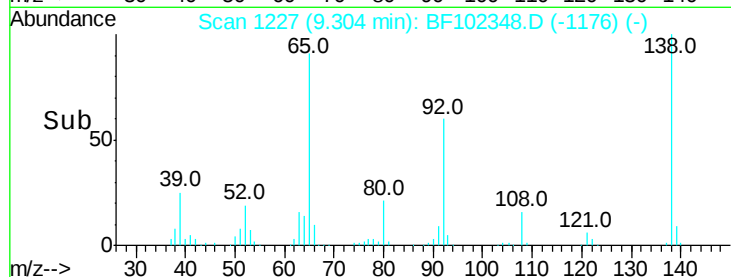
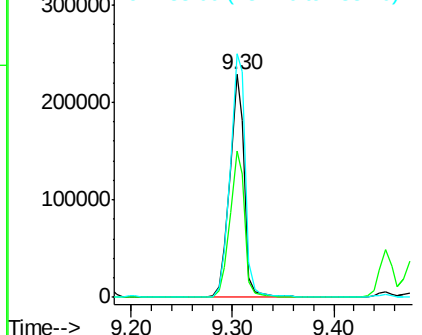
#47
2-Nitroaniline
Concen: 41.749 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 230321
Ion Ratio Lower Upper
65 100
92 65.6 55.8 83.6
138 109.2 91.2 136.8

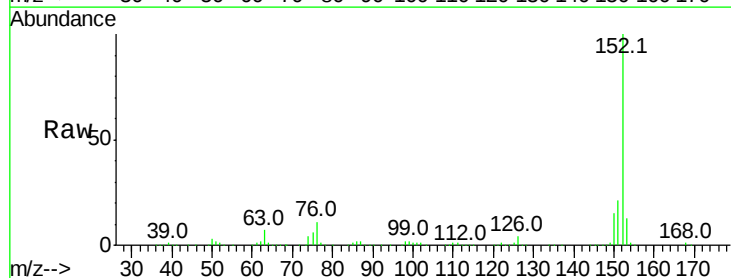


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

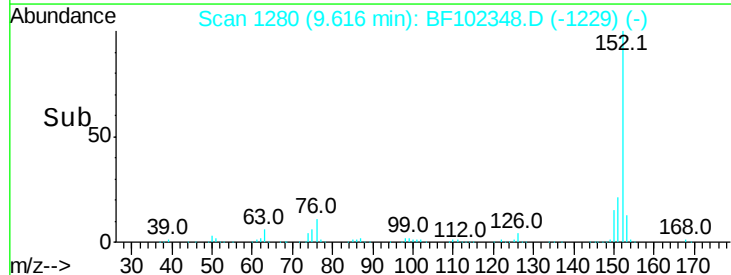
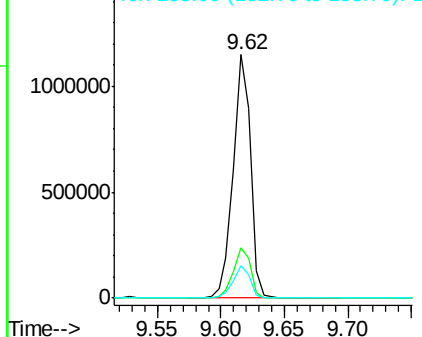


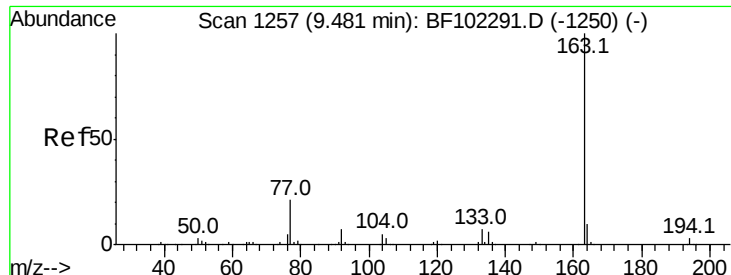
#48
Acenaphthylene
Concen: 39.022 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Tgt Ion: 152 Resp: 1075781
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.2 10.7 16.1



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

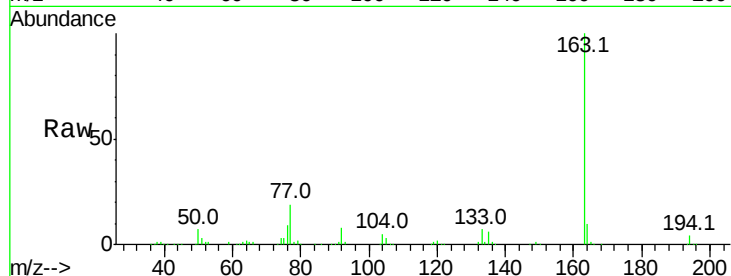




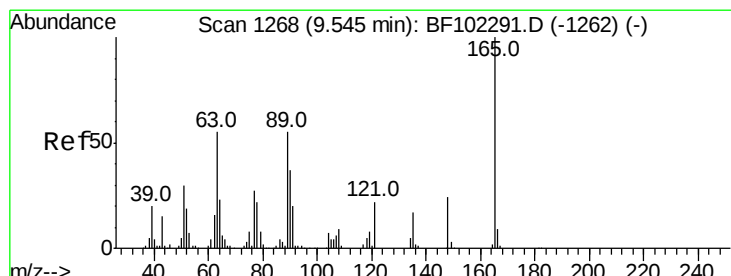
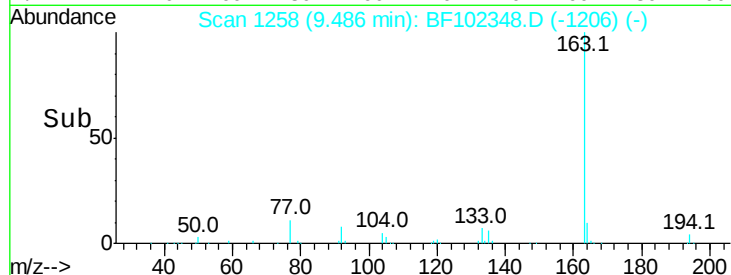
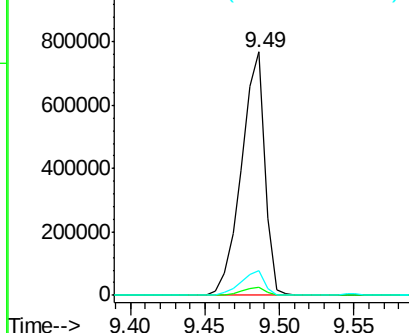
#49
Dimethylphthalate
Concen: 39.798 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 837520
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.9 8.2 12.2

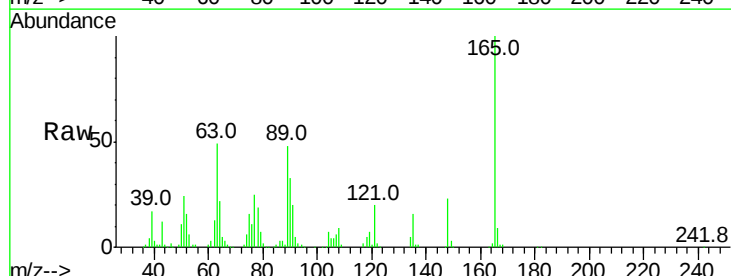


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

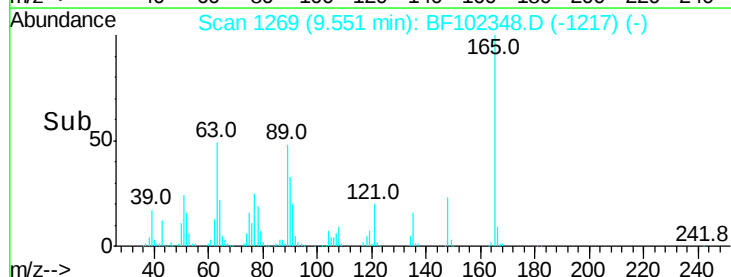
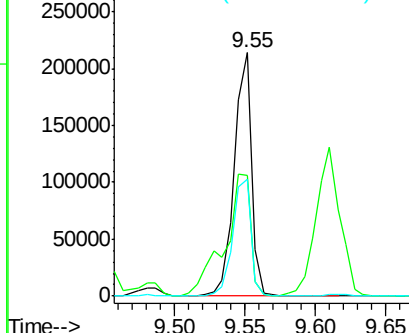


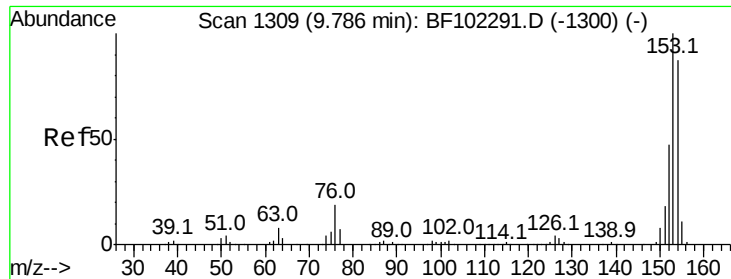
#50
2,6-Dinitrotoluene
Concen: 40.249 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Tgt Ion:165 Resp: 182619
Ion Ratio Lower Upper
165 100
63 49.4 44.7 67.1
89 48.0 44.0 66.0



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





#51

Acenaphthene

Concen: 39.233 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

Instrument :

BNA_F

ClientSampled :

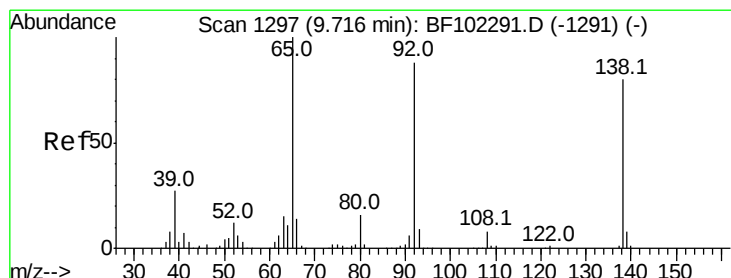
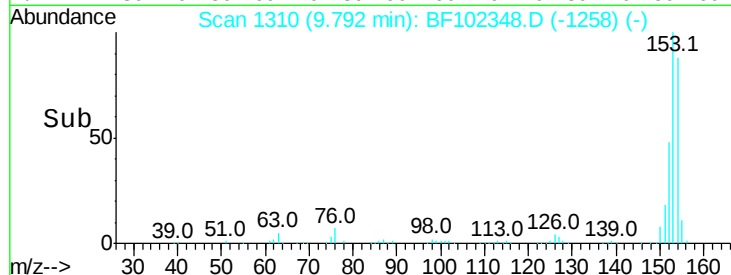
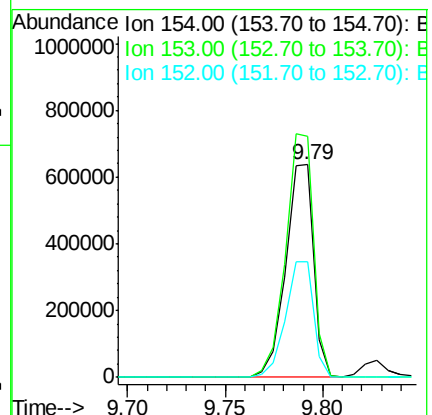
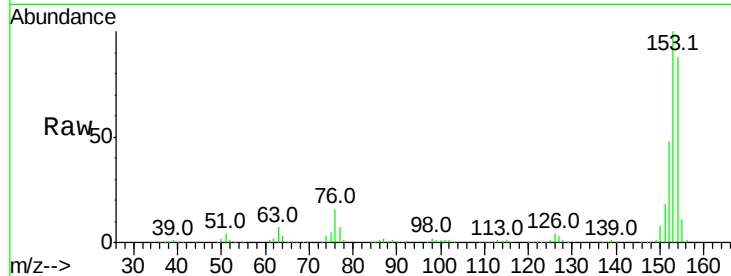
Tot Ion:154 Resp: 631668

Ion Ratio Lower Upper

154 100

153 113.0 91.2 136.8

152 54.4 43.8 65.8



#52

3-Nitroaniline

Concen: 40.167 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

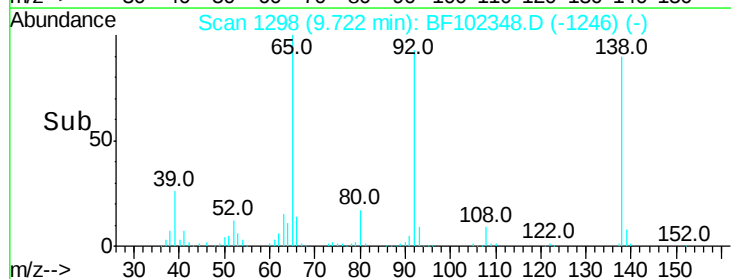
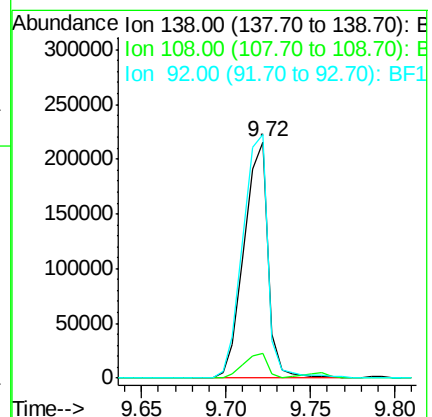
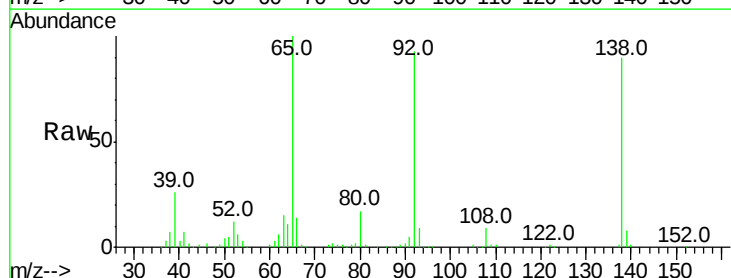
Tgt Ion:138 Resp: 215594

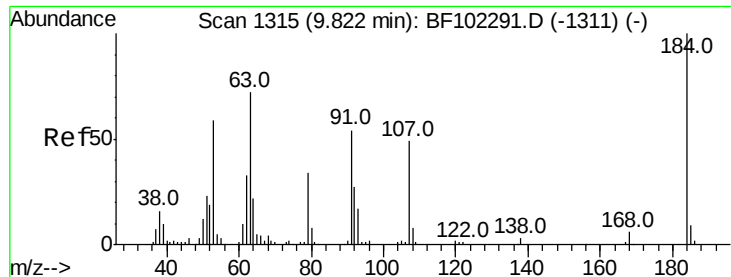
Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

92 103.2 89.4 134.2

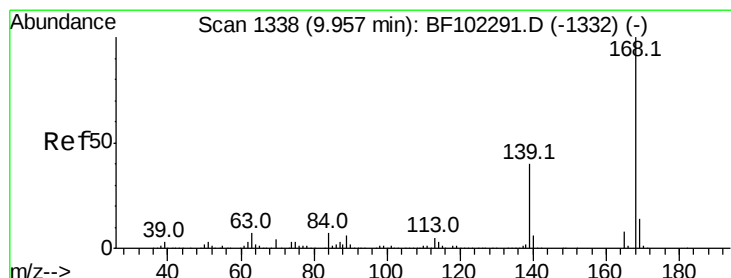
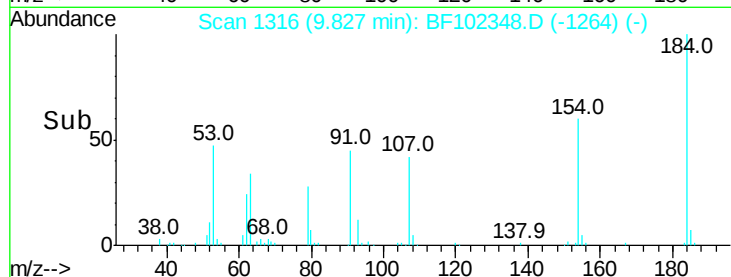
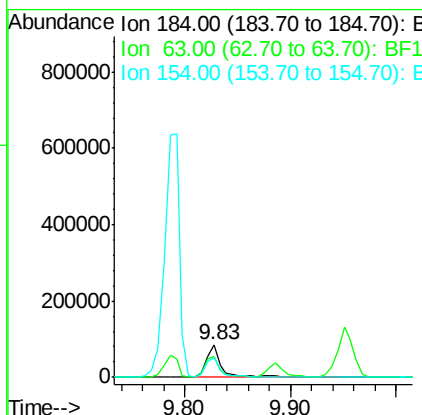
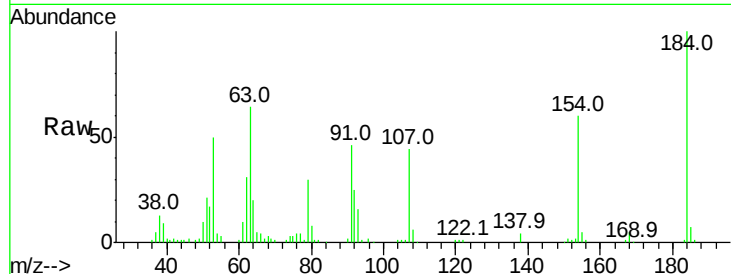




#53
 2,4-Dinitrophenol
 Concen: 42.180 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

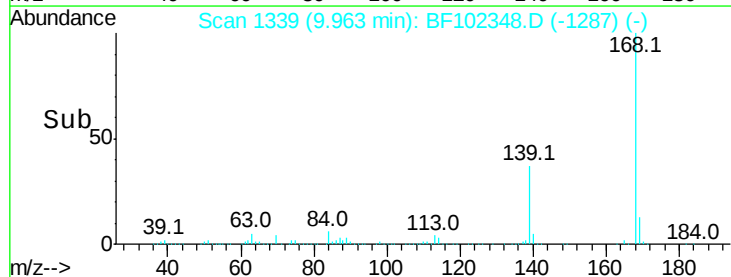
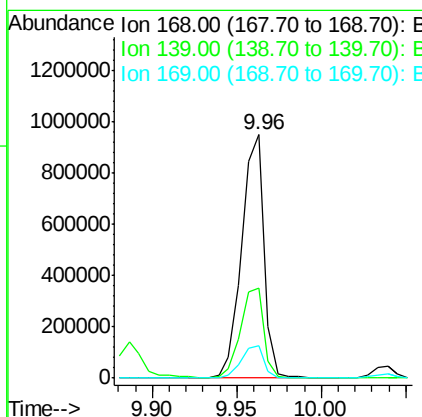
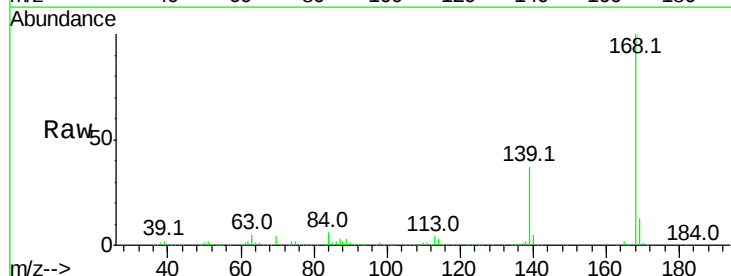
Instrument :
 BNA_F
 ClientSampleId :

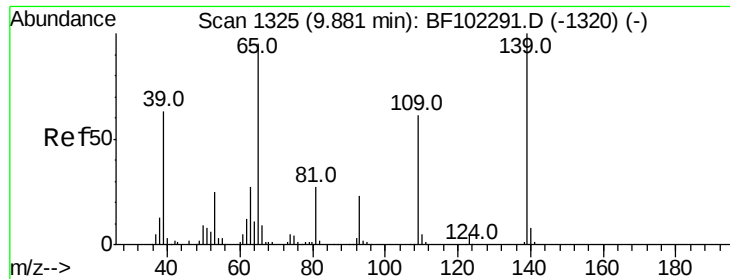
Tot Ion:184 Resp: 82139
 Ion Ratio Lower Upper
 184 100
 63 63.9 54.2 81.2
 154 59.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.513 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

Tgt Ion:168 Resp: 882794
 Ion Ratio Lower Upper
 168 100
 139 37.1 30.1 45.1
 169 13.2 10.9 16.3

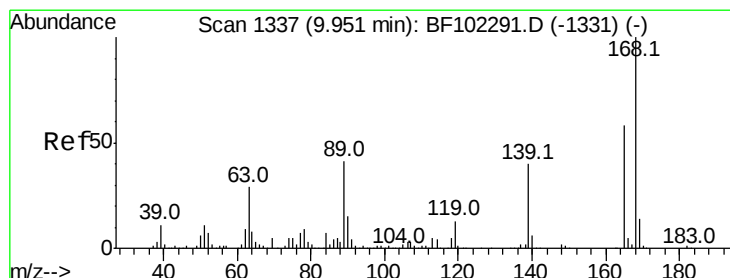
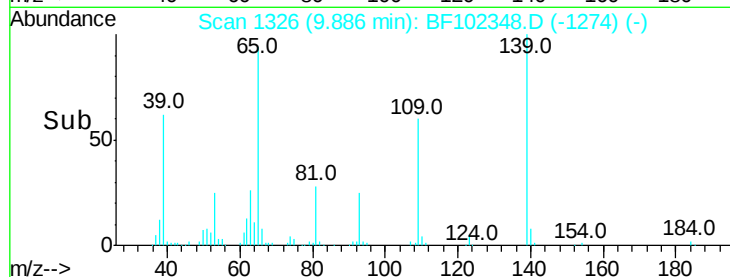
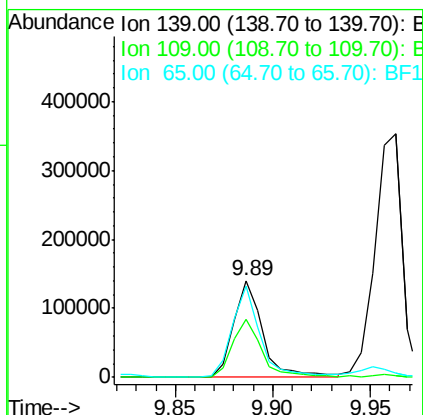
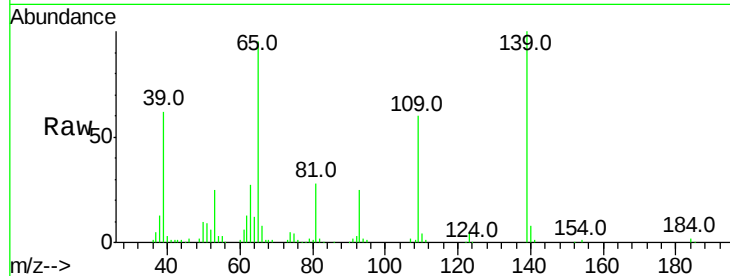




#55
4-Nitrophenol
Concen: 40.994 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

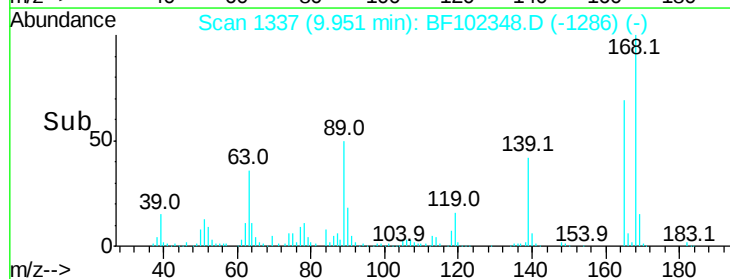
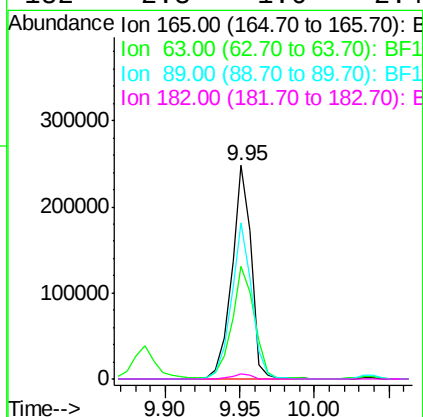
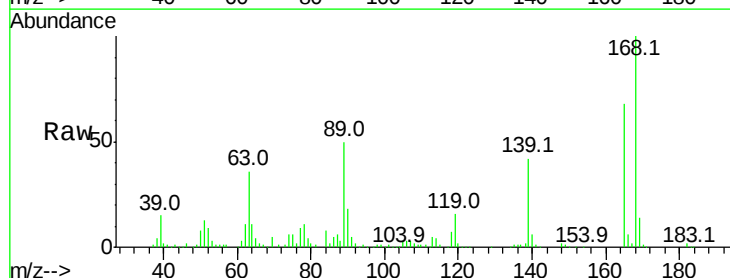
Instrument :
BNA_F
ClientSampled :

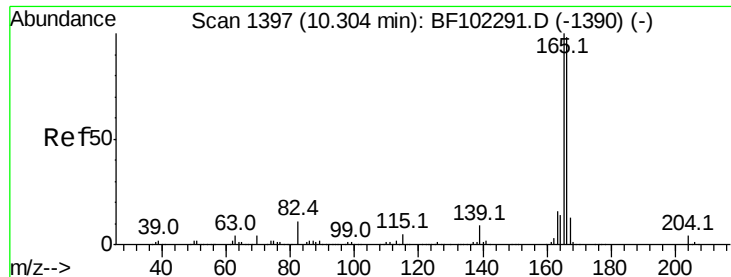
Tot Ion:139 Resp: 145244
Ion Ratio Lower Upper
139 100
109 60.1 48.4 88.4
65 94.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 40.642 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Tgt Ion:165 Resp: 226765
Ion Ratio Lower Upper
165 100
63 52.7 36.4 54.6
89 73.4 57.8 86.6
182 2.3 1.6 2.4

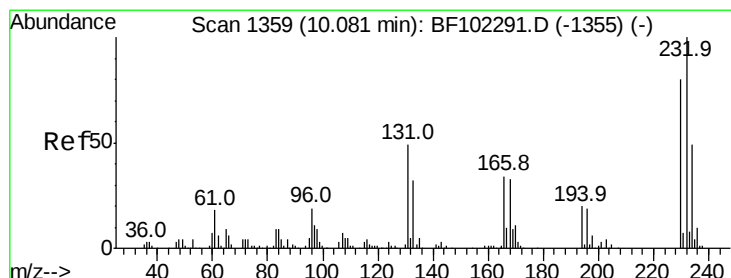
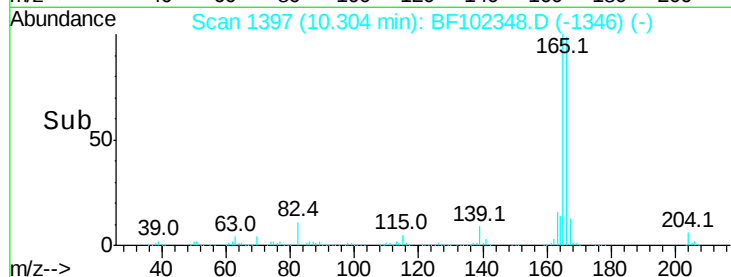
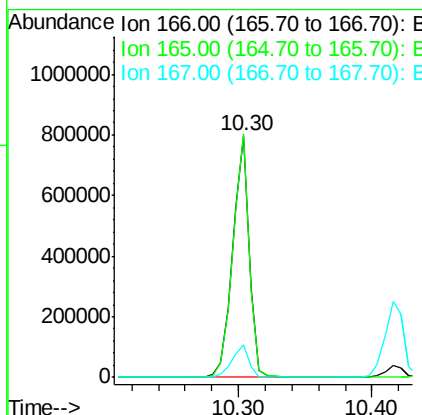
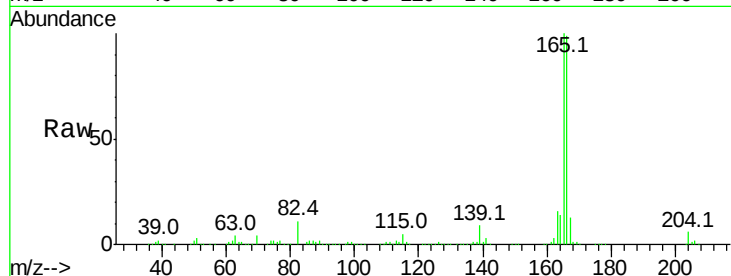




#57
 Fluorene
 Concen: 40.473 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

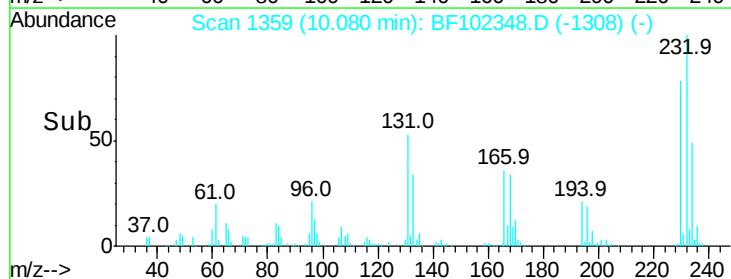
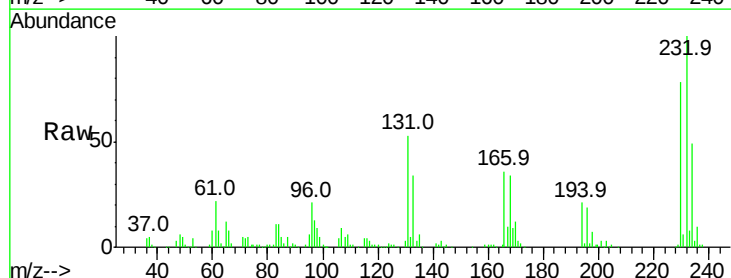
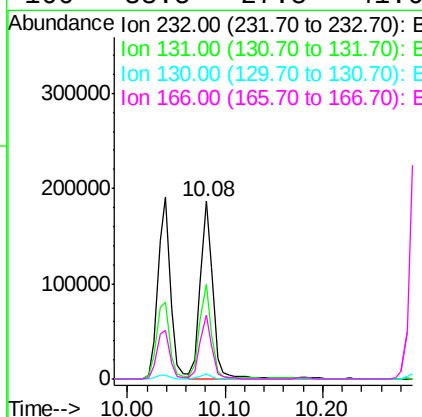
Instrument :
 BNA_F
 ClientSampleId :

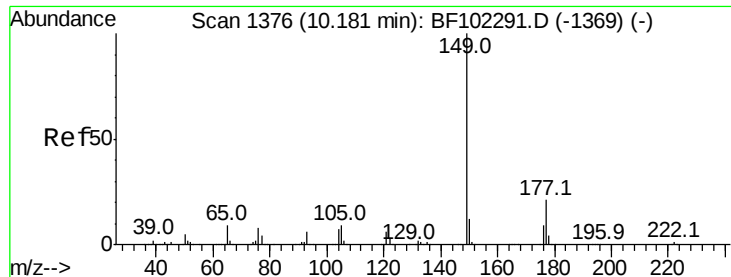
Tot Ion:166 Resp: 698824
 Ion Ratio Lower Upper
 166 100
 165 100.7 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.550 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

Tgt Ion:232 Resp: 167158
 Ion Ratio Lower Upper
 232 100
 131 52.0 43.8 65.8
 130 2.7 2.1 3.1
 166 33.5 27.8 41.6

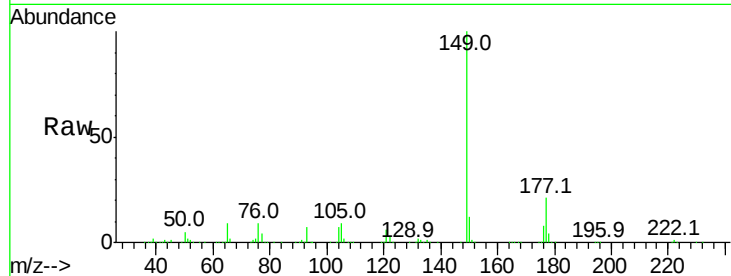




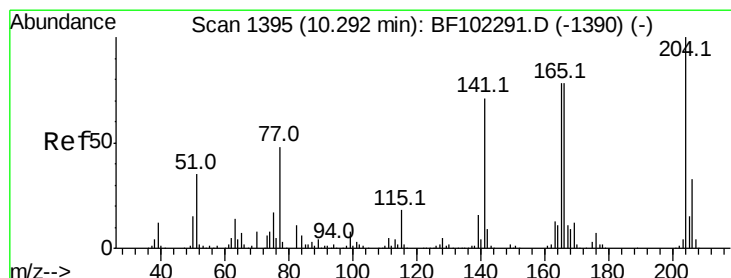
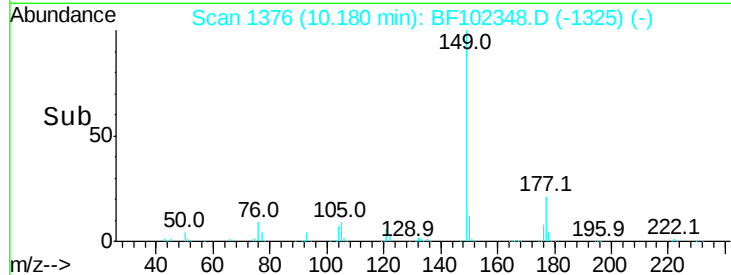
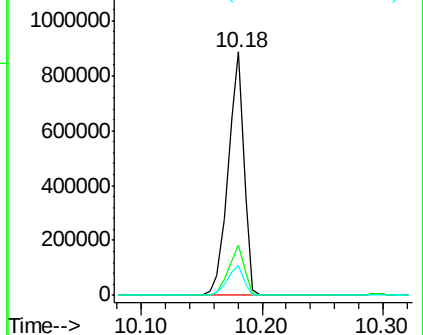
#59
Diethylphthalate
Concen: 39.405 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 805831
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.2 10.1 15.1

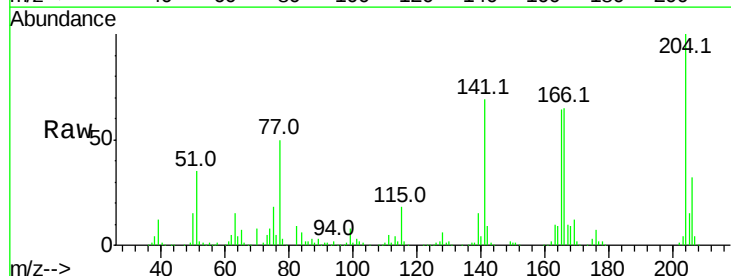


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

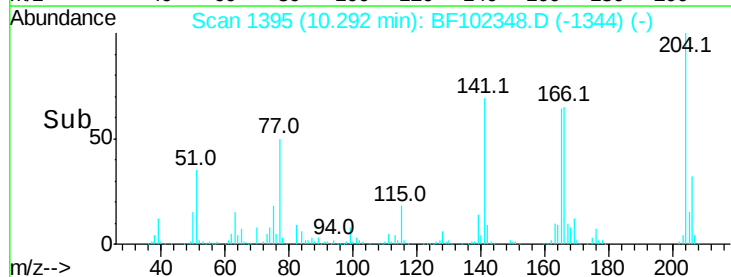
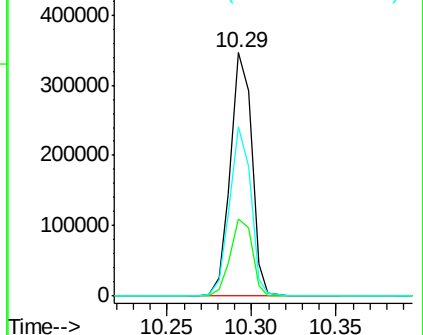


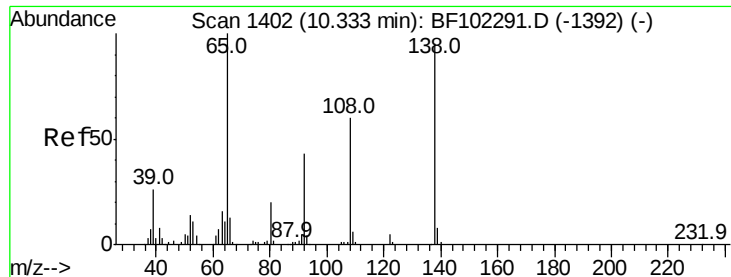
#60
4-Chlorophenyl-phenylether
Concen: 40.816 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Tgt Ion:204 Resp: 305554
Ion Ratio Lower Upper
204 100
206 31.7 26.5 39.7
141 69.4 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

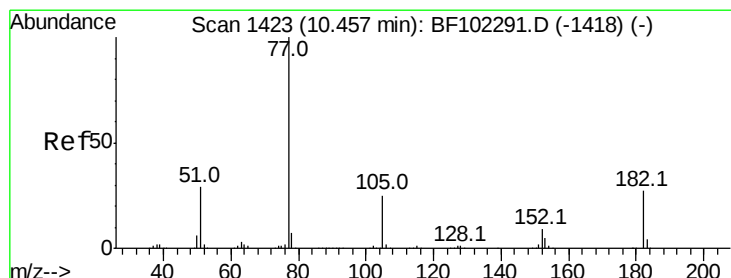
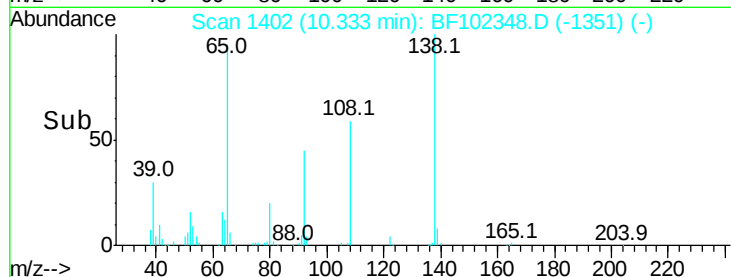
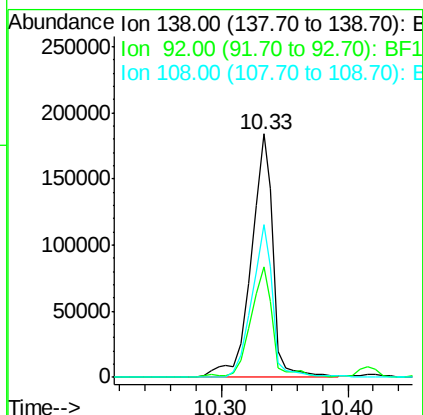
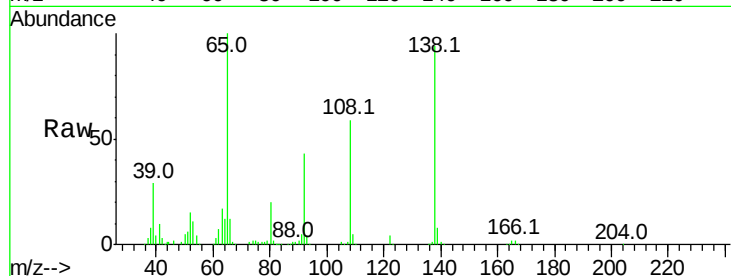




#61
4-Nitroaniline
Concen: 41.675 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

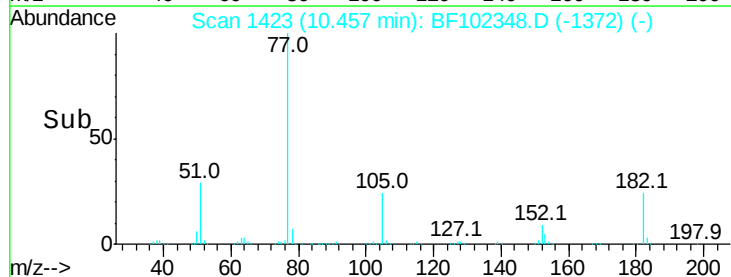
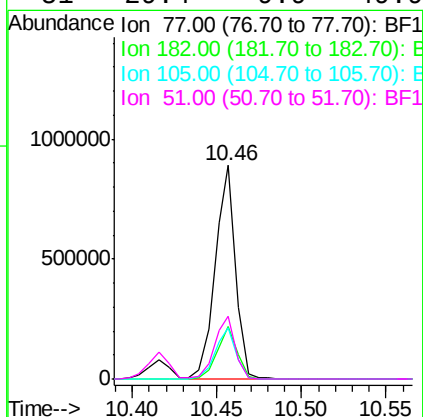
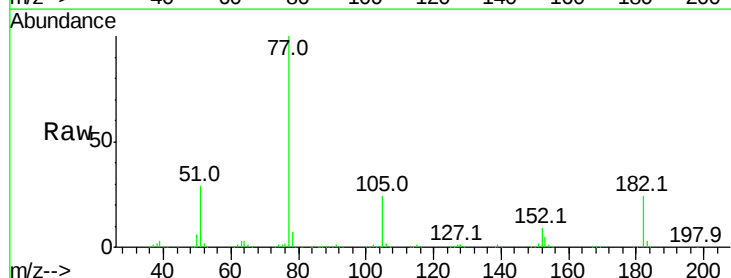
Instrument :
BNA_F
ClientSampled :

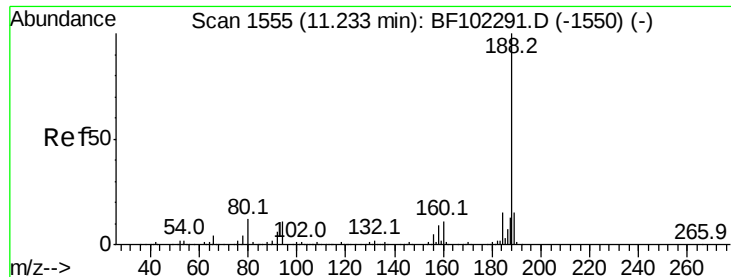
Tot Ion:138 Resp: 223211
Ion Ratio Lower Upper
138 100
92 45.1 30.2 70.2
108 63.0 52.5 92.5



#62
Azobenzene
Concen: 39.752 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Tgt Ion: 77 Resp: 744279
Ion Ratio Lower Upper
77 100
182 24.4 1.7 41.7
105 24.2 3.0 43.0
51 29.4 9.9 49.9

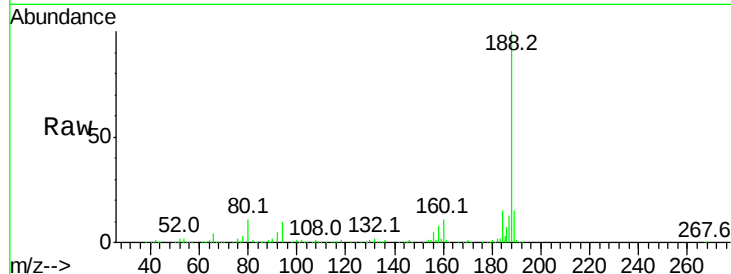




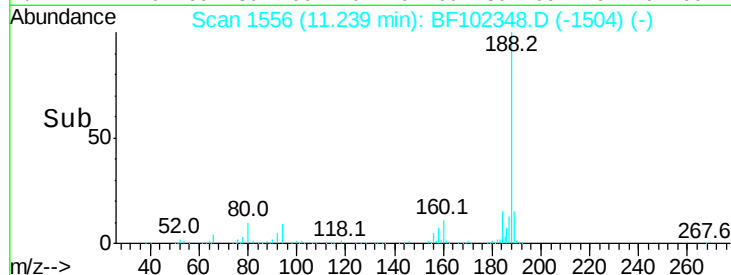
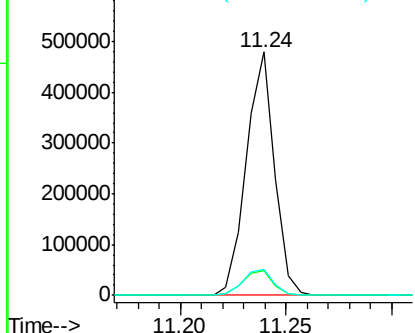
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 444784
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.6 9.2 13.8

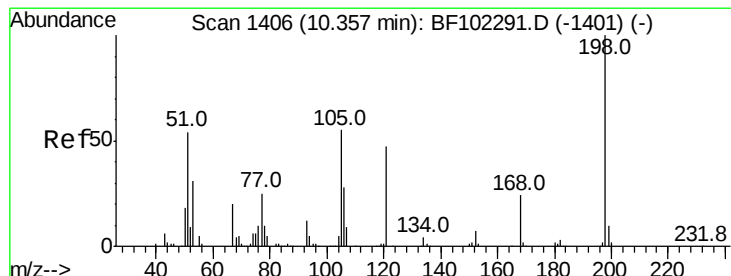


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

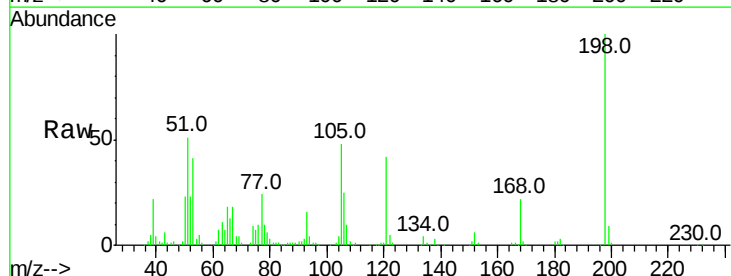
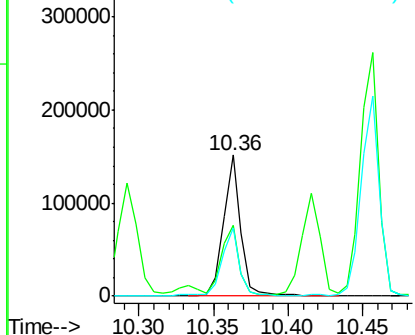


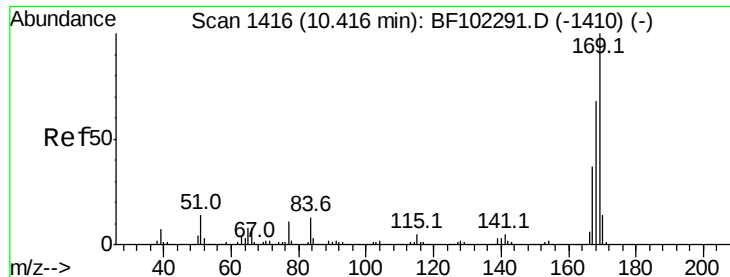
#64
4,6-Dinitro-2-methylphenol
Concen: 42.086 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Tgt Ion:198 Resp: 124888
Ion Ratio Lower Upper
198 100
51 50.6 37.7 77.7
105 48.1 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

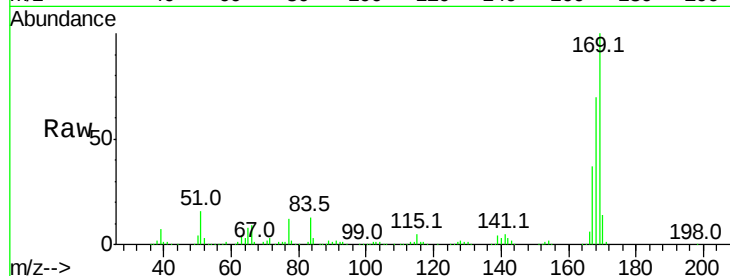




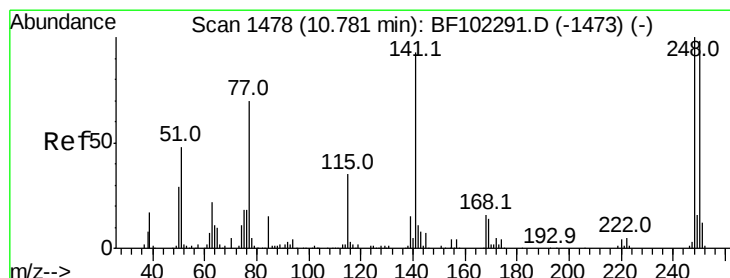
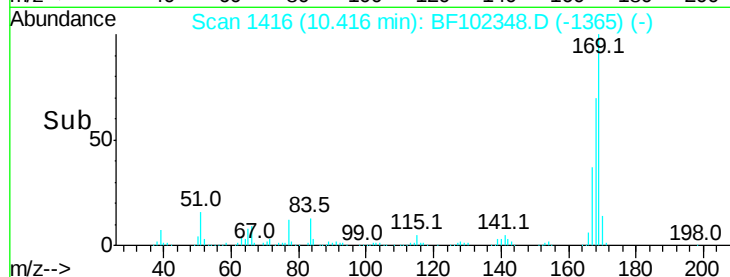
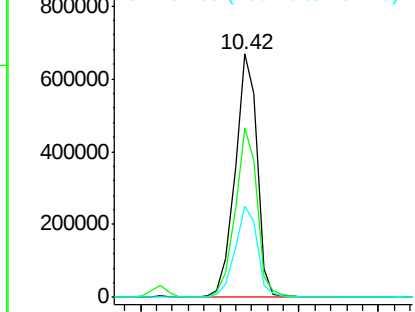
#65
 n-Nitrosodiphenylamine
 Concen: 39.320 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.7	54.4	81.6
167	37.4	29.8	44.6

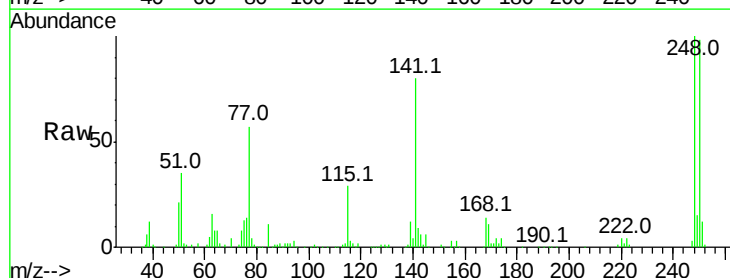


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

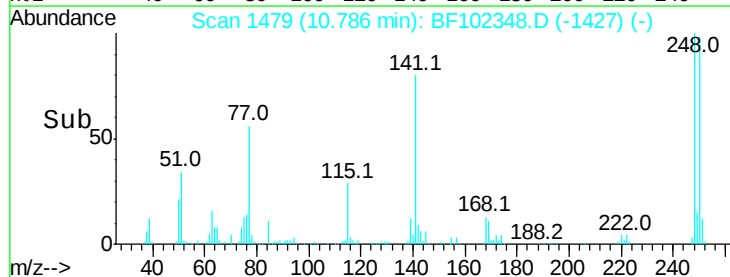
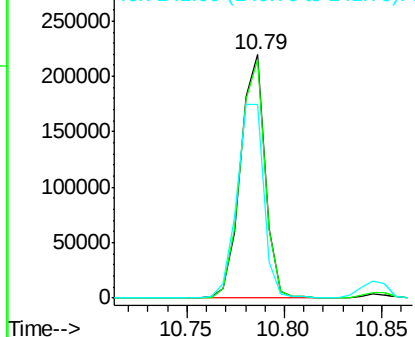


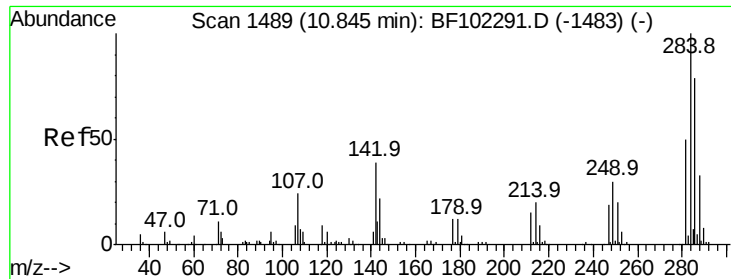
#66
 4-Bromophenyl-phenylether
 Concen: 40.118 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.01 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.9	115.3
141	79.7	74.4	111.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

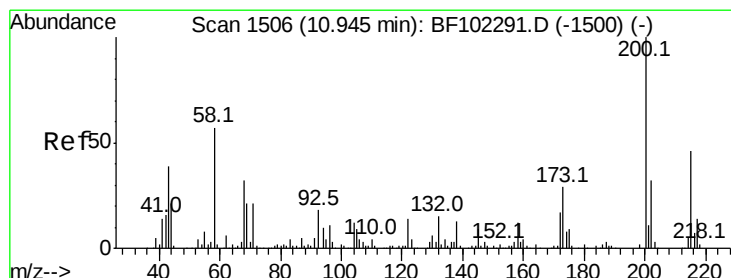
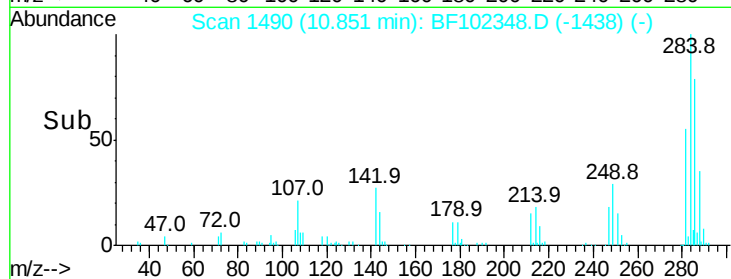
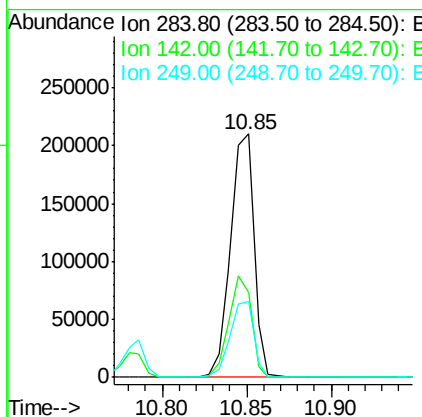
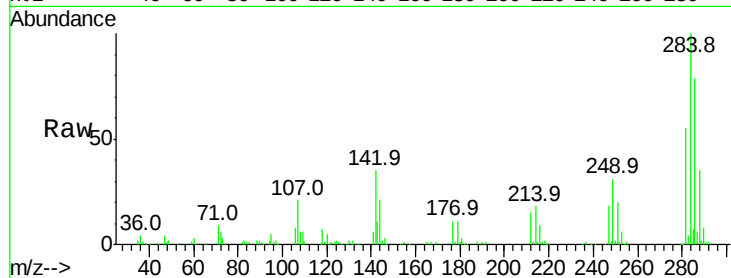




#67
Hexachlorobenzene
Concen: 37.964 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.01 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

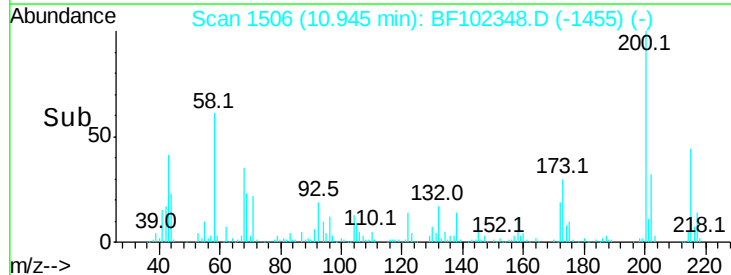
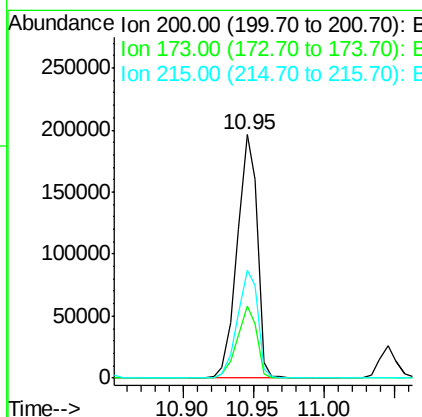
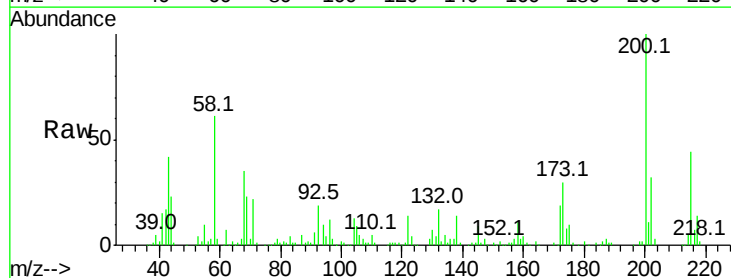
Instrument :
BNA_F
ClientSampleId :

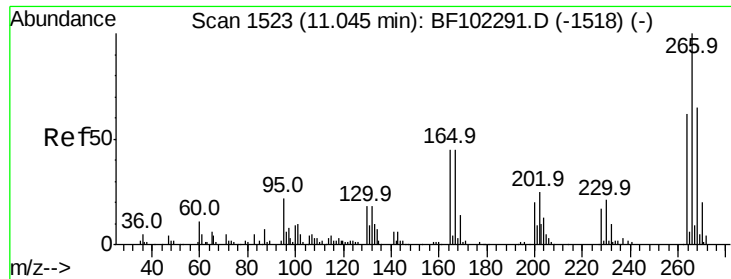
Tot Ion:284 Resp: 203291
Ion Ratio Lower Upper
284 100
142 34.7 34.6 52.0
249 31.4 24.8 37.2



#68
Atrazine
Concen: 40.352 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Tgt Ion:200 Resp: 194561
Ion Ratio Lower Upper
200 100
173 29.5 8.6 48.6
215 44.1 25.1 65.1





#69

Pentachlorophenol

Concen: 41.883 ng

RT: 11.05 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

Instrument :

BNA_F

ClientSampleId :

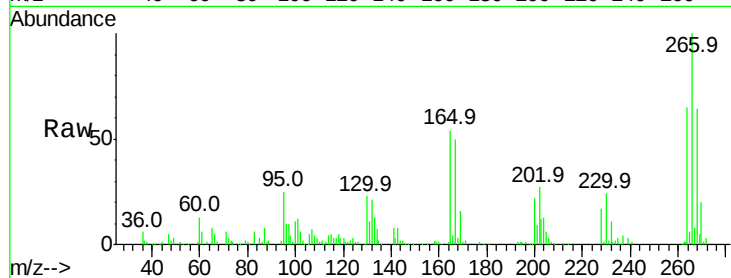
Tot Ion:266 Resp: 117818

Ion Ratio Lower Upper

266 100

268 64.3 51.1 76.7

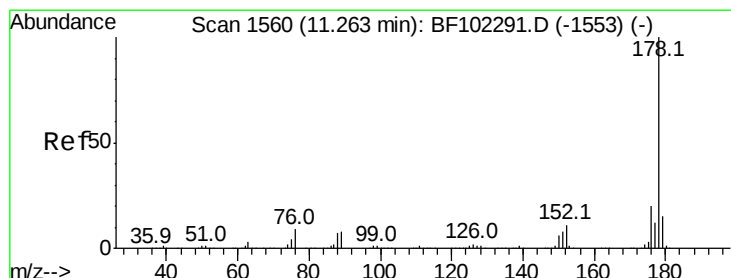
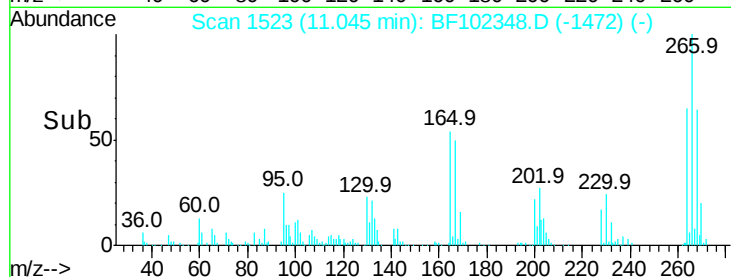
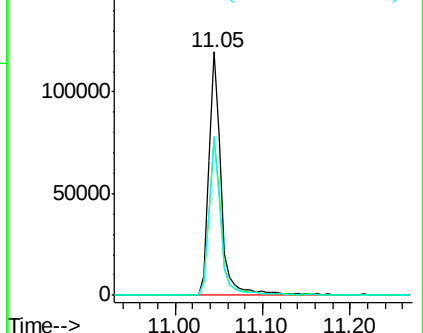
264 65.2 49.5 74.3



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: 39.413 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

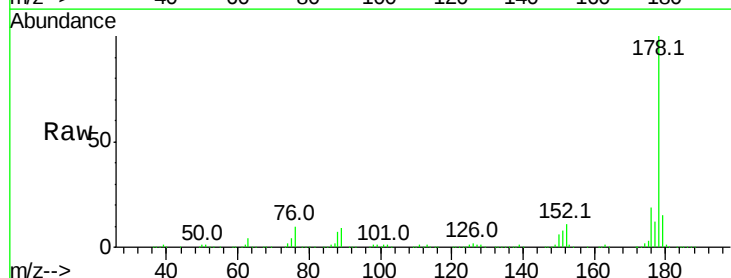
Tgt Ion:178 Resp: 1021523

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

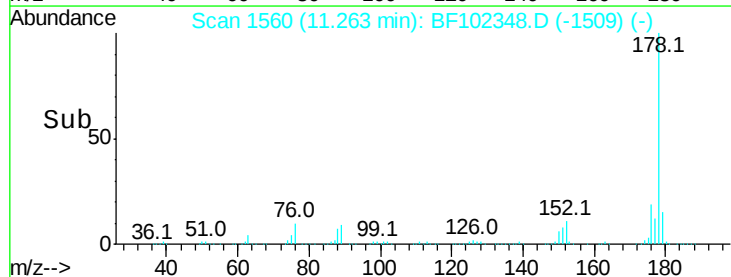
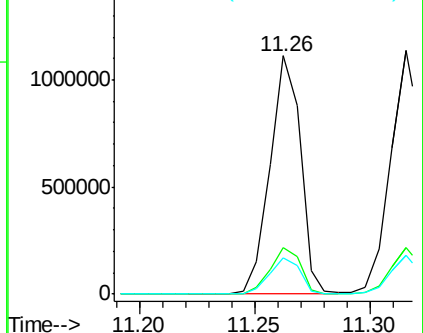
179 15.3 13.0 19.6

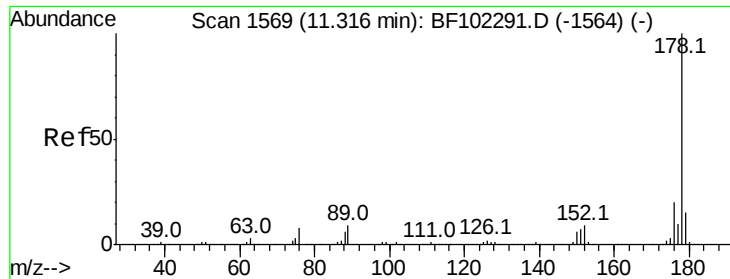


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.011 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

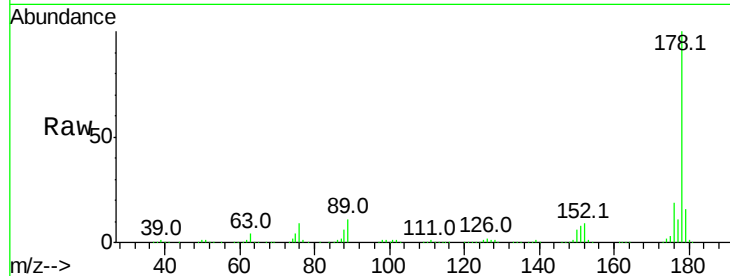
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1058481

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.7	12.6	19.0

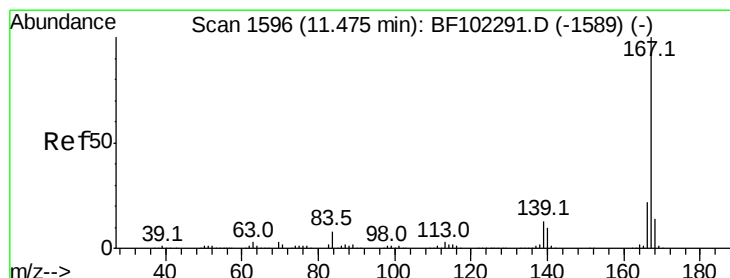
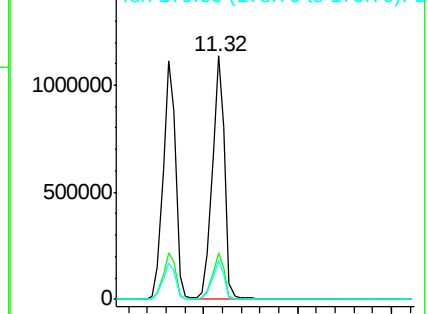
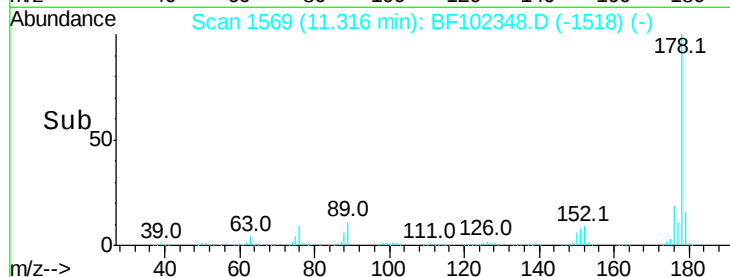


Abundance

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: 40.138 ng

RT: 11.47 min Scan# 1596

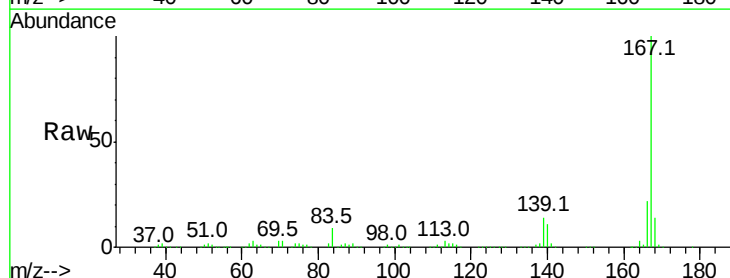
Delta R.T. -0.00 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

Tgt Ion:167 Resp: 1035904

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.9	10.9	16.3

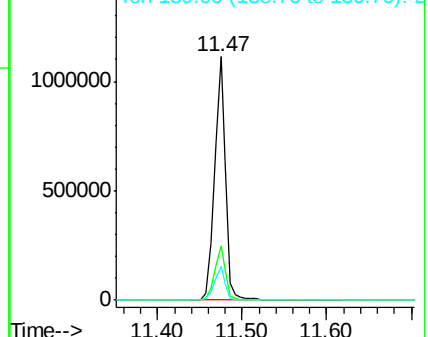
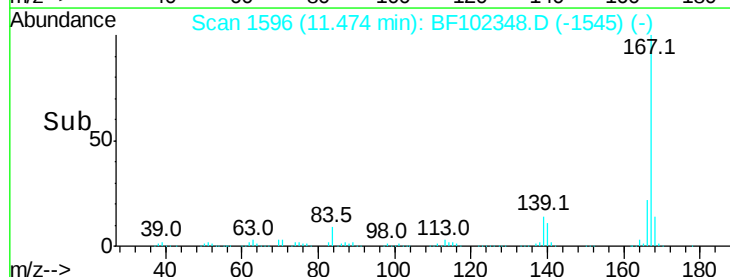


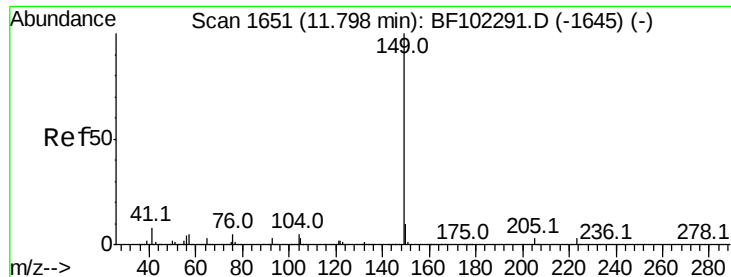
Abundance

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

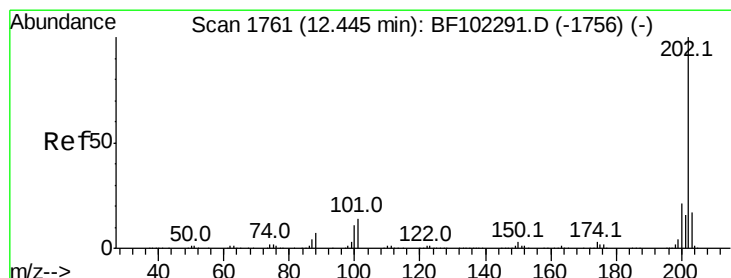
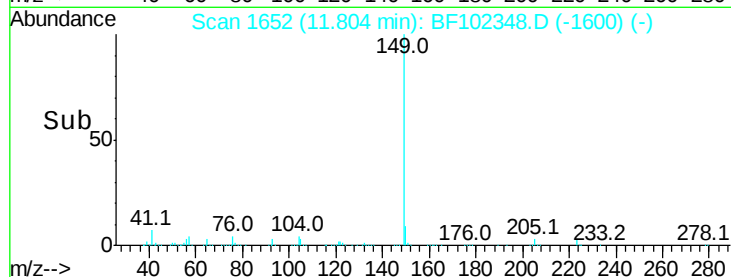
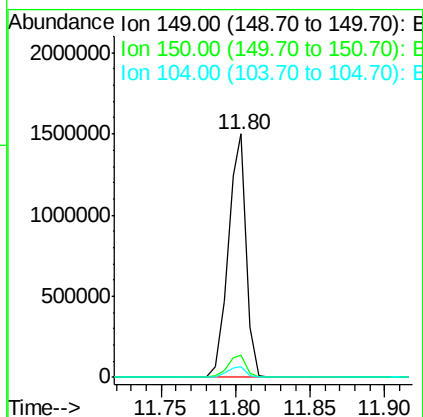
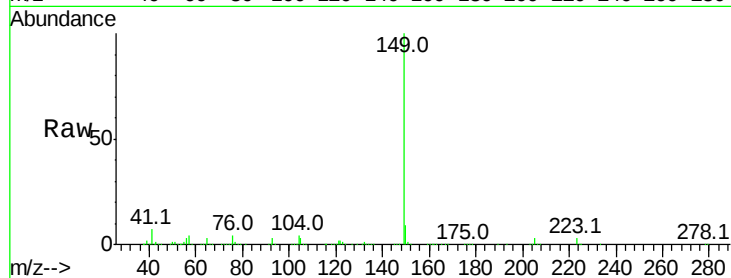




#73
Di-n-butylphthalate
Concen: 39.591 ng
RT: 11.80 min Scan# 1652
Delta R.T. 0.01 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

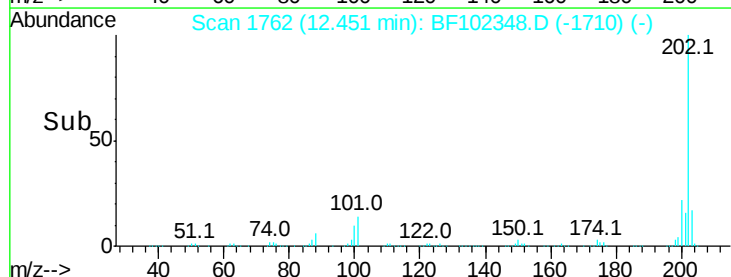
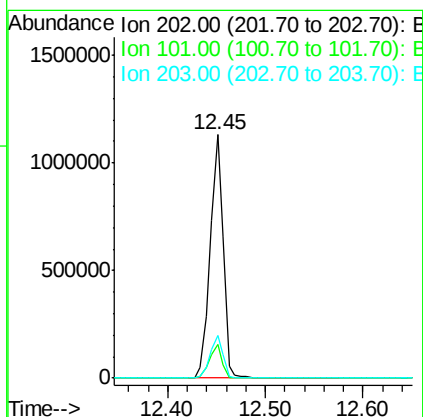
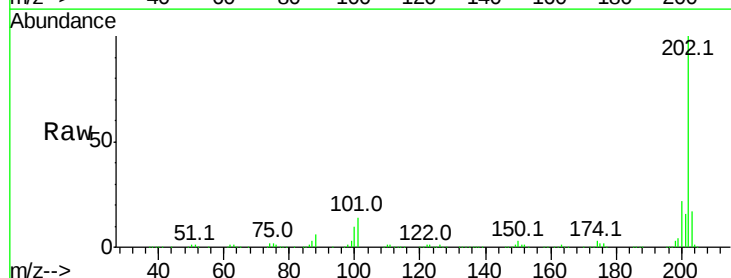
Instrument :
BNA_F
ClientSampleId :

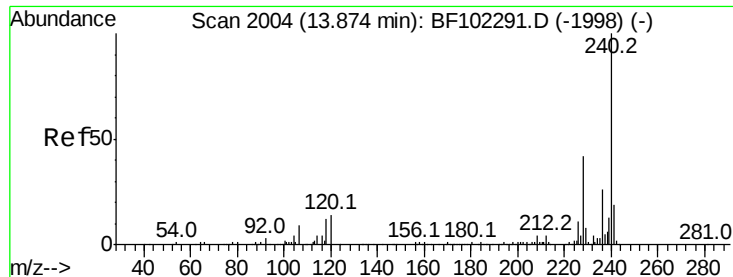
Tot Ion:149 Resp: 1277230
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.6
104 4.5 3.8 5.8



#74
Fluoranthene
Concen: 39.440 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Tgt Ion:202 Resp: 1042423
Ion Ratio Lower Upper
202 100
101 13.7 0.0 34.1
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

Instrument :

BNA_F

ClientSampleId :

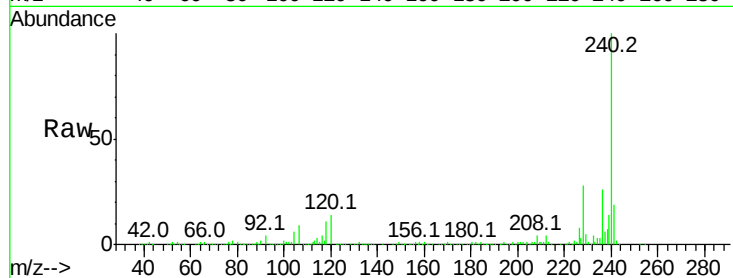
Tot Ion:240 Resp: 342194

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

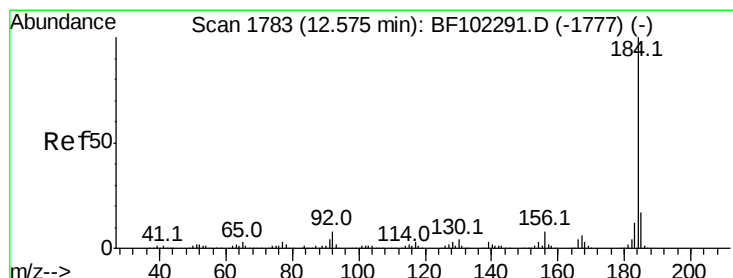
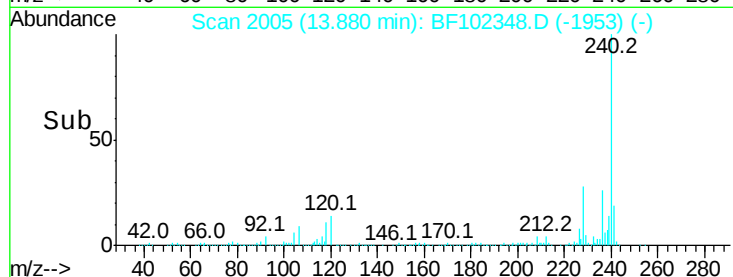
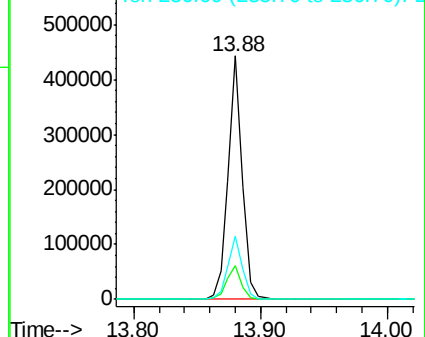
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.617 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

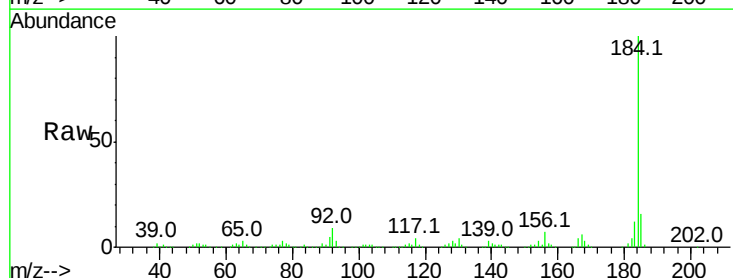
Tgt Ion:184 Resp: 466915

Ion Ratio Lower Upper

184 100

185 16.0 12.6 18.8

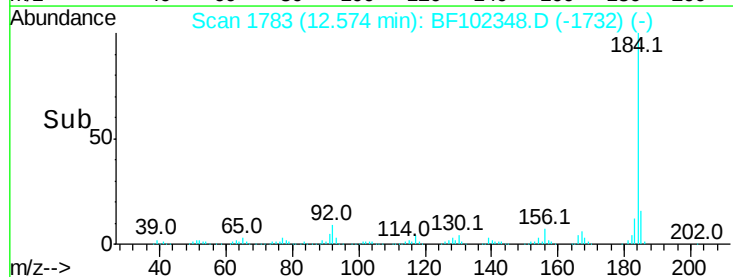
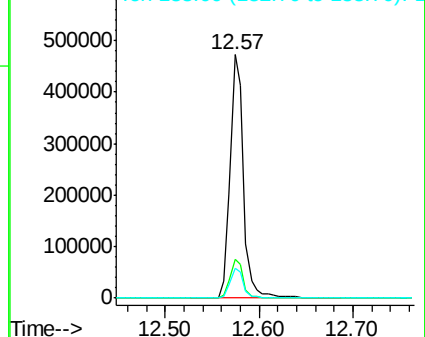
183 12.1 9.3 13.9

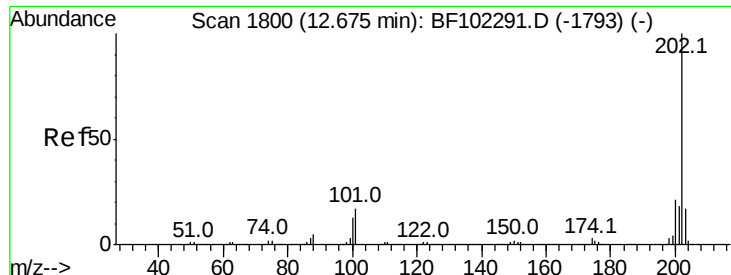


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.974 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

Instrument :

BNA_F

ClientSampleId :

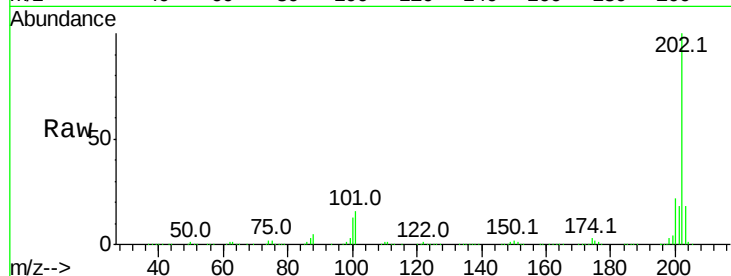
Tot Ion:202 Resp: 1084054

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

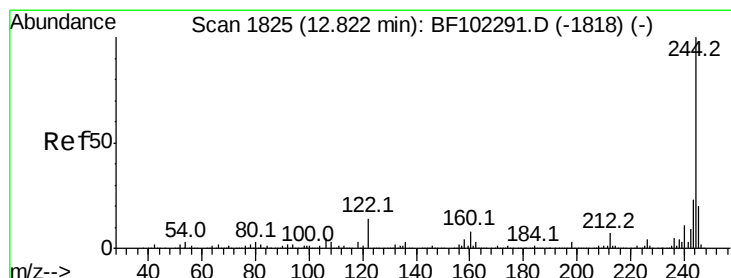
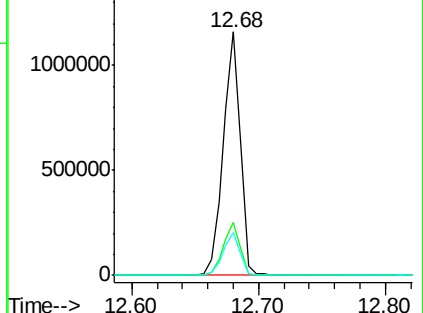
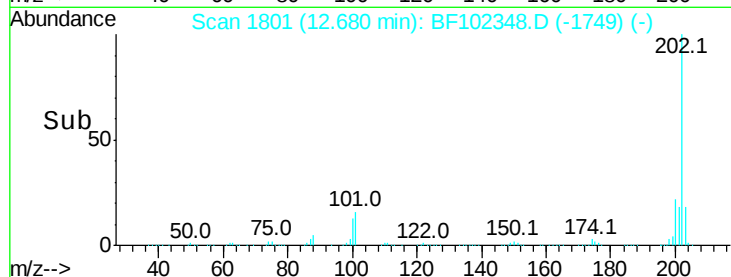
203 17.5 14.3 21.5



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: 78.637 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

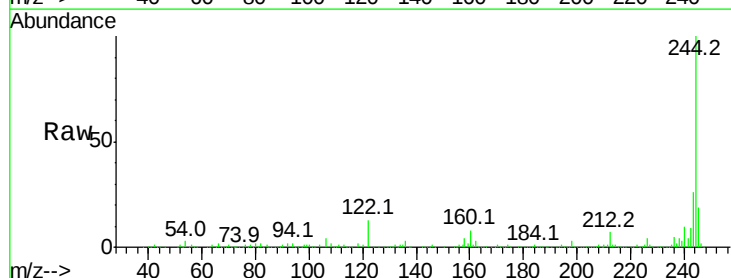
Tgt Ion:244 Resp: 1193654

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

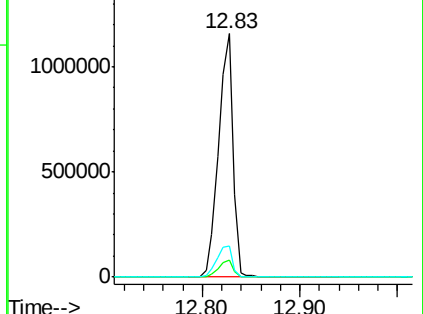
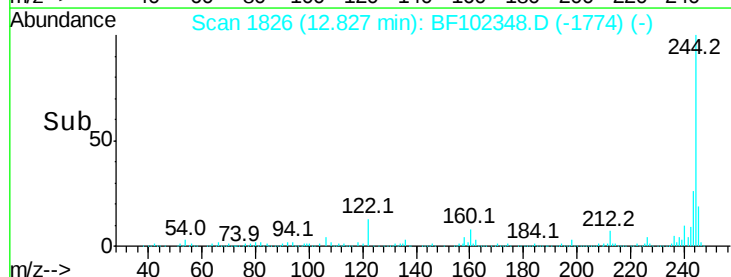
122 12.6 11.0 16.4

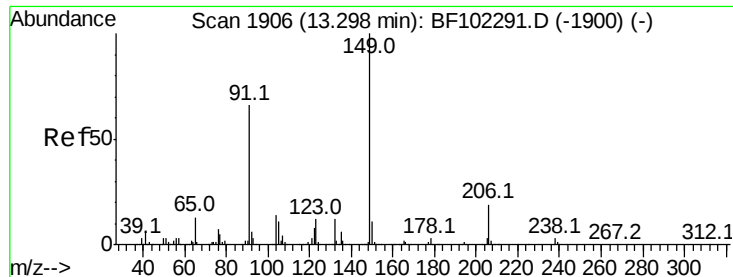


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

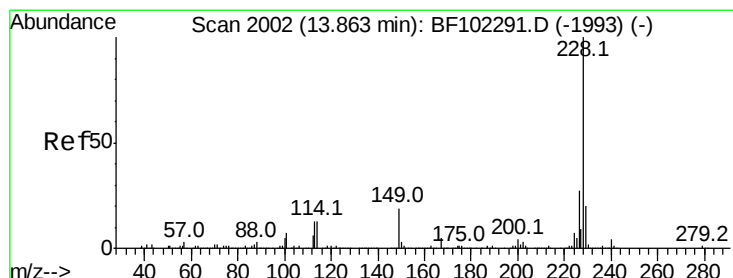
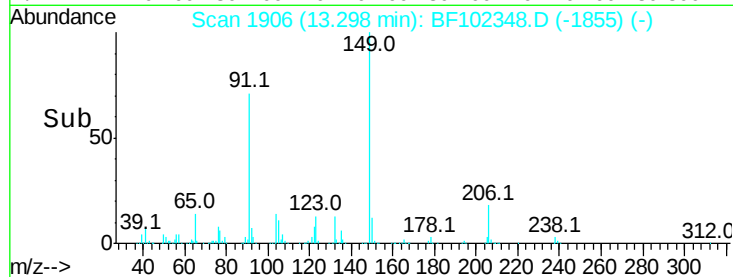
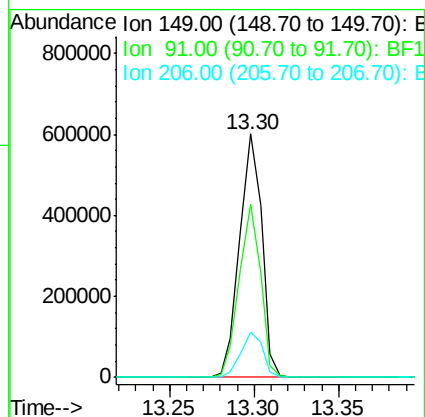
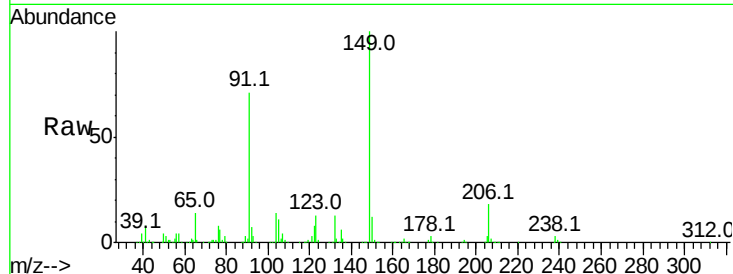




#79
 Butylbenzylphthalate
 Concen: 41.900 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

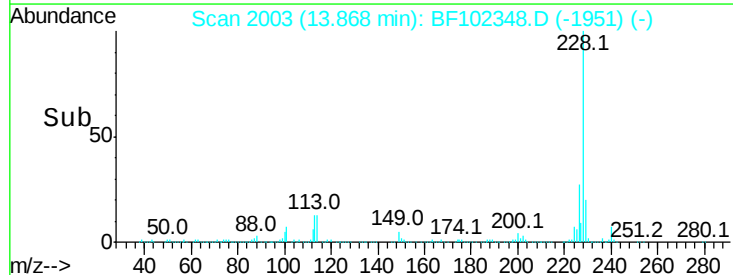
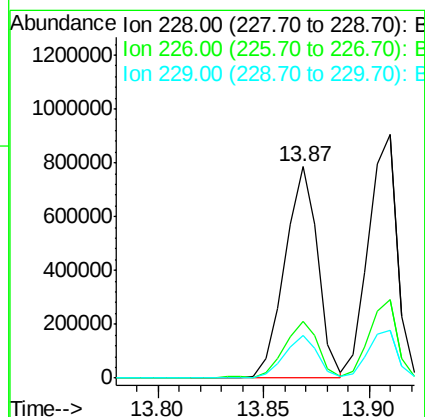
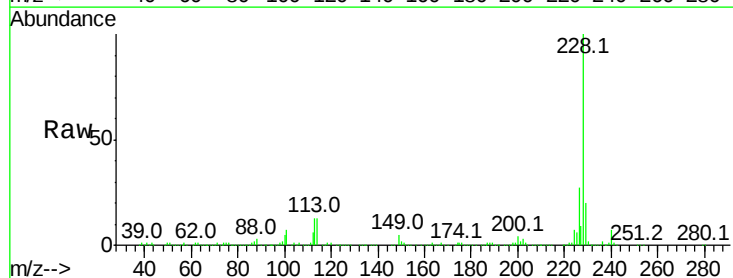
Instrument :
 BNA_F
 ClientSampleId :

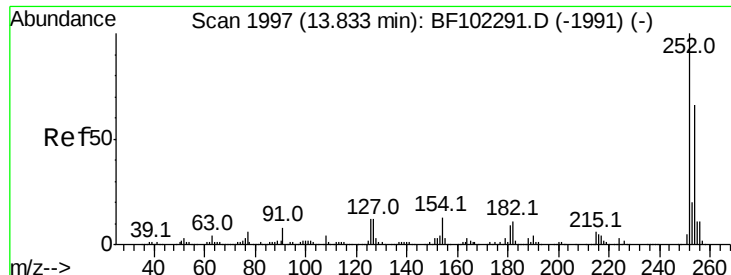
Tot Ion:	149	Resp:	551673
Ion Ratio	Lower	Upper	
149	100		
91	71.3	56.8	85.2
206	18.4	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 40.488 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.01 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

Tgt Ion:	228	Resp:	852991
Ion Ratio	Lower	Upper	
228	100		
226	27.0	22.6	33.8
229	20.0	15.8	23.6

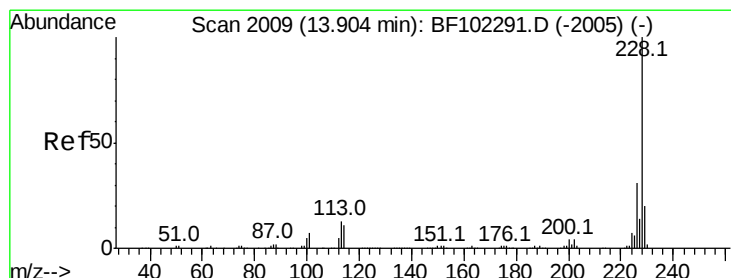
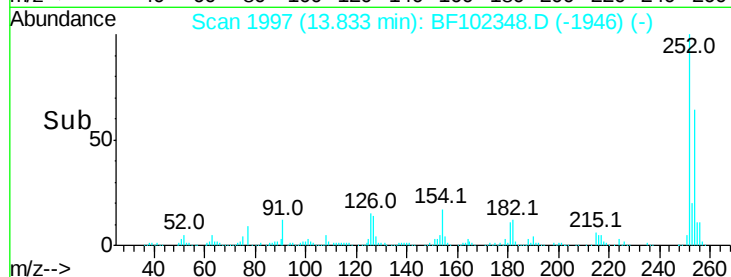
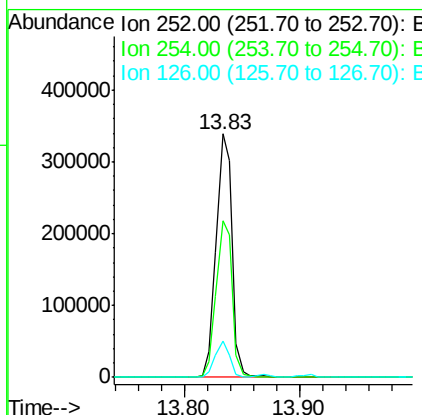
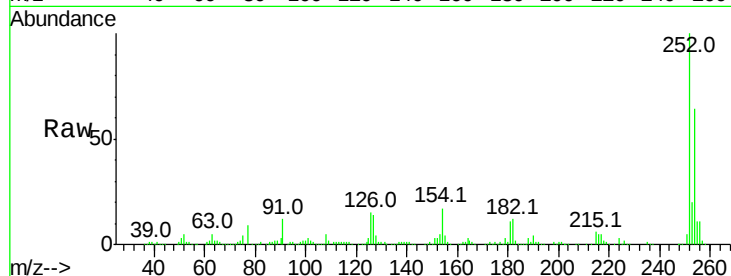




#81
 3,3'-Dichlorobenzidine
 Concen: 42.039 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

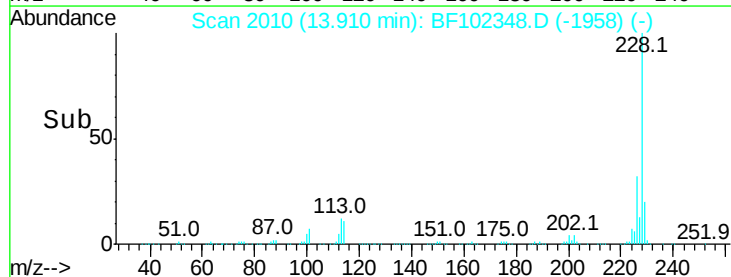
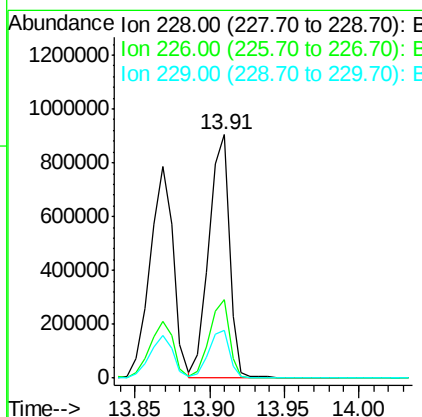
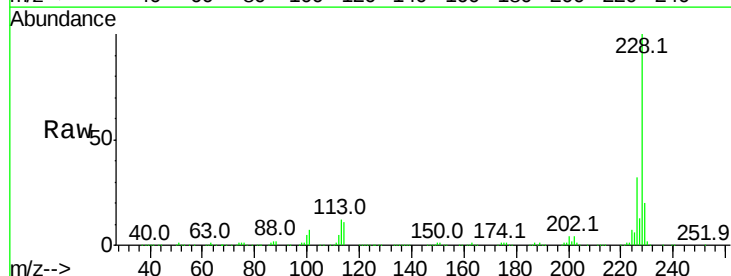
Instrument :
 BNA_F
 ClientSampled :

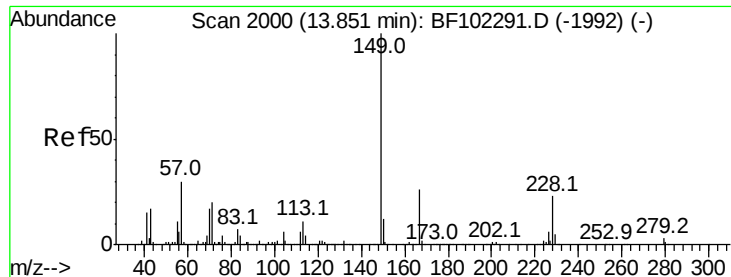
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.4	75.6
126	14.9	11.3	16.9



#82
 Chrysene
 Concen: 40.380 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.01 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	19.6	16.2	24.4

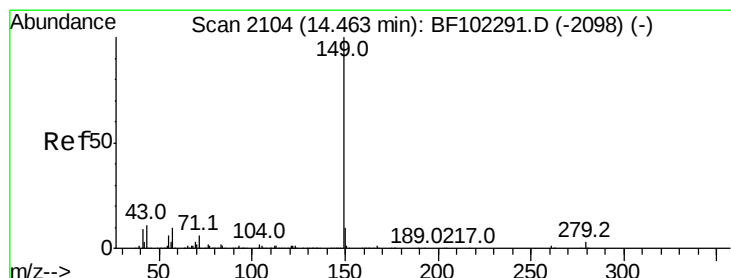
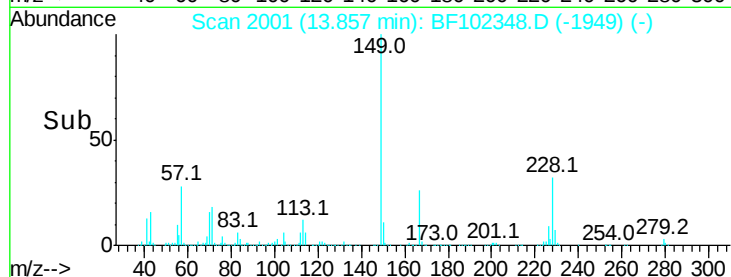
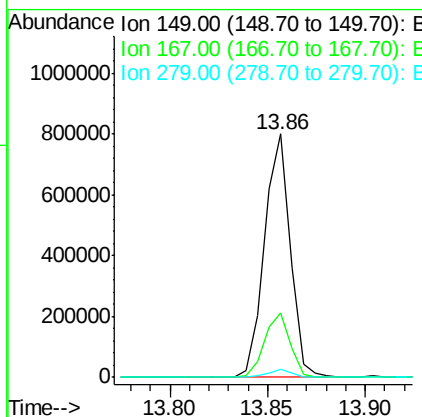
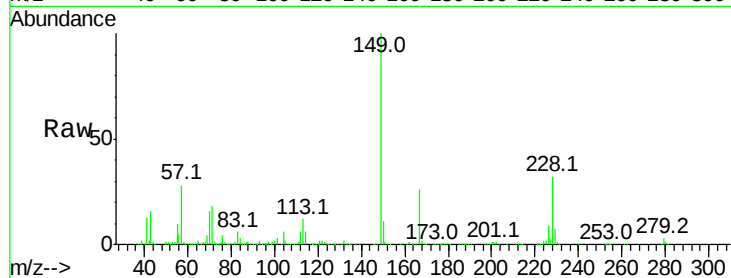




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.209 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

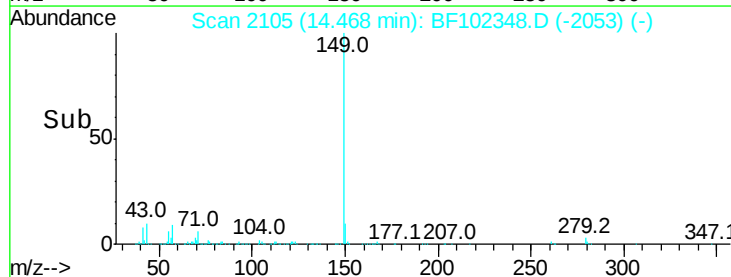
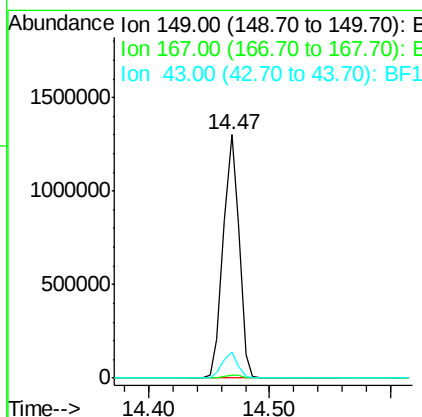
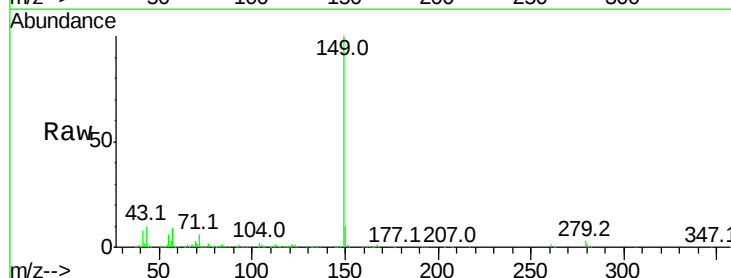
Instrument :
 BNA_F
 ClientSampleId :

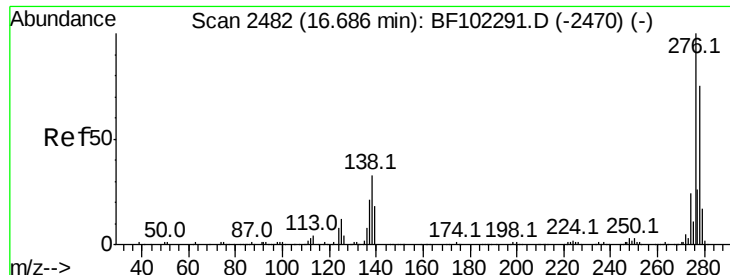
Tot Ion:149 Resp: 729169
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.3 31.9
 279 3.1 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 41.173 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. 0.01 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

Tgt Ion:149 Resp: 1184763
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 10.4 8.4 12.6

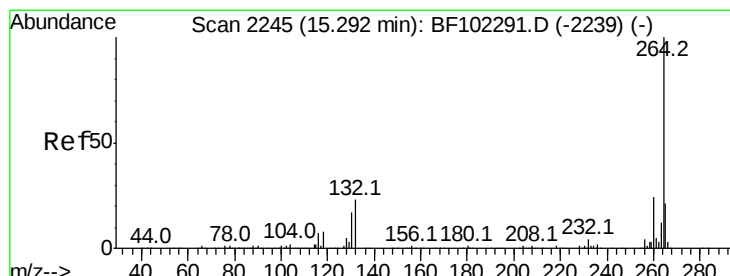
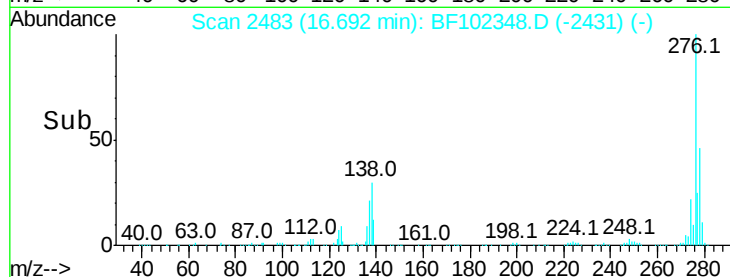
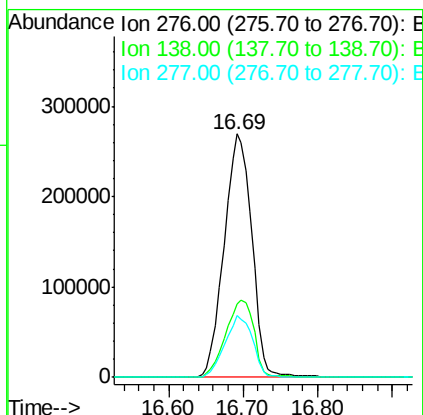
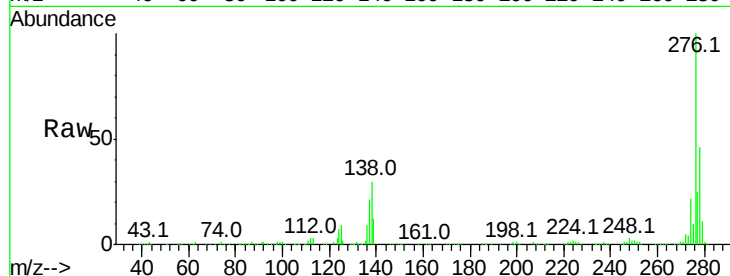




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.438 ng
 RT: 16.69 min Scan# 2483
 Delta R.T. 0.01 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

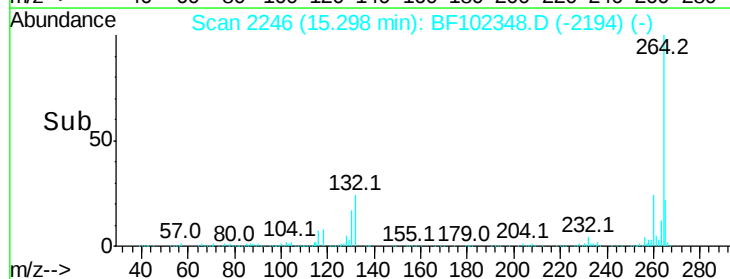
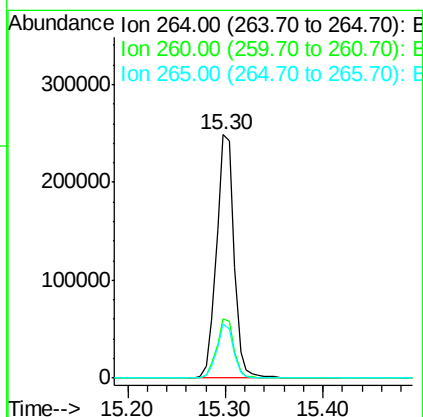
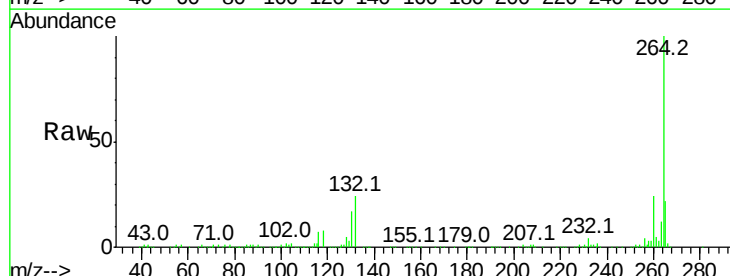
Instrument :
 BNA_F
 ClientSampleId :

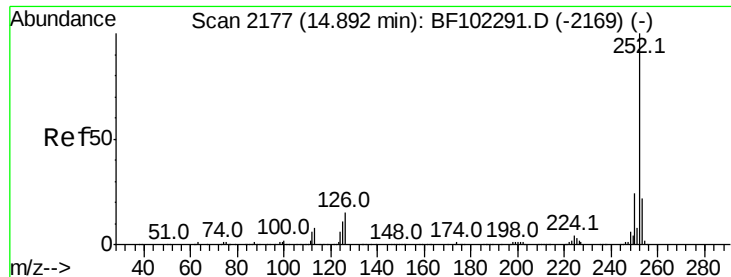
Tot Ion:276 Resp: 696824
 Ion Ratio Lower Upper
 276 100
 138 32.5 25.0 37.6
 277 25.4 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

Tgt Ion:264 Resp: 311000
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.2 17.5 26.3

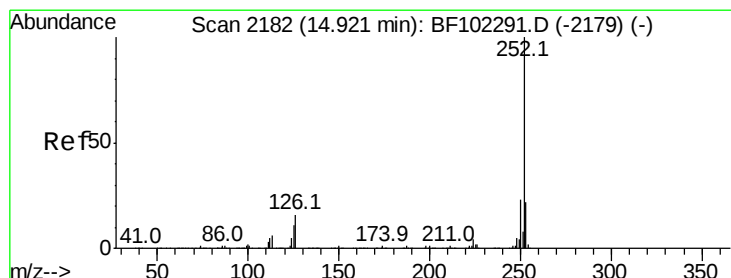
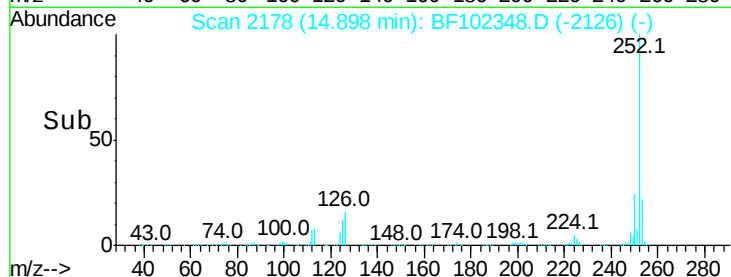
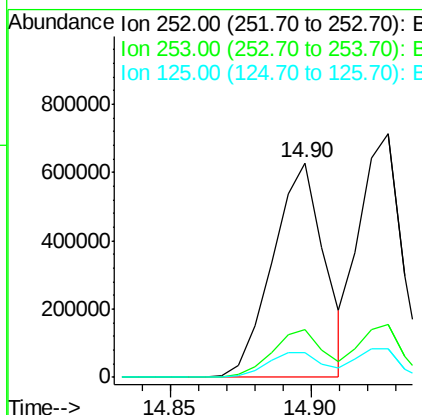
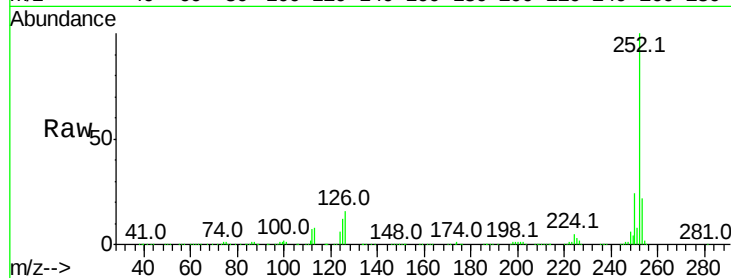




#87
Benzo(b)fluoranthene
Concen: 39.683 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

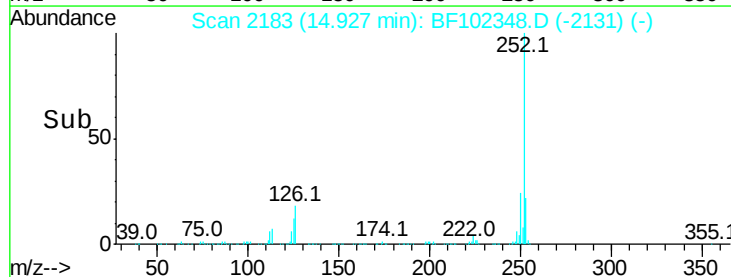
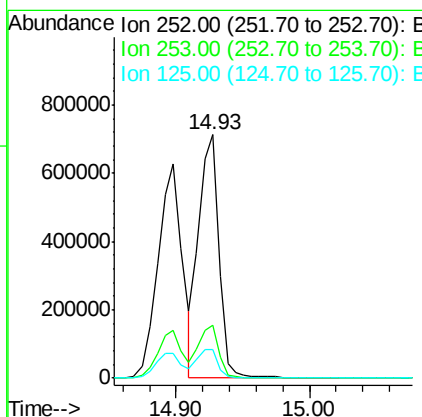
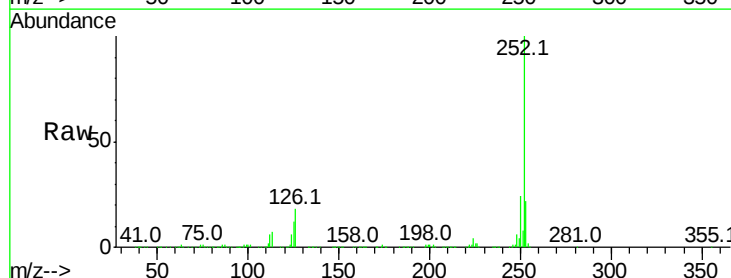
Instrument :
BNA_F
ClientSampleId :

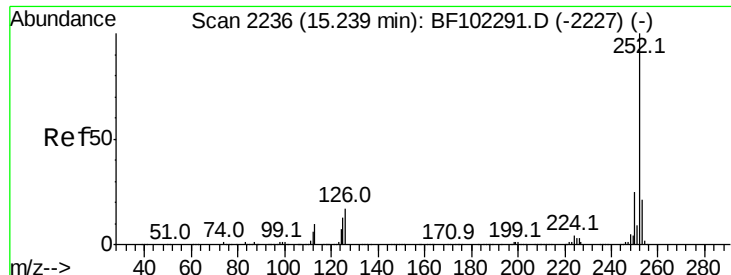
Tot Ion:252 Resp: 799907
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 11.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.083 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF102348.D
Acq: 23 Jan 2018 18:01

Tgt Ion:252 Resp: 744320
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 11.8 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.947 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

Instrument :

BNA_F

ClientSampleId :

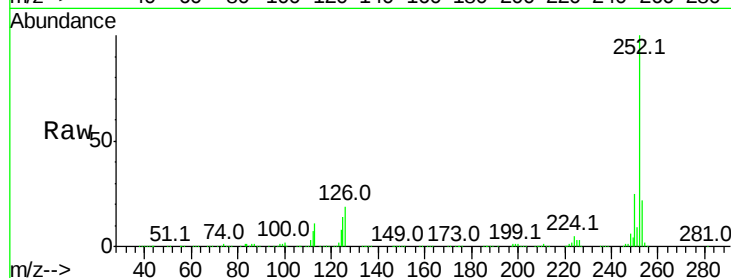
Tot Ion:252 Resp: 726231

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

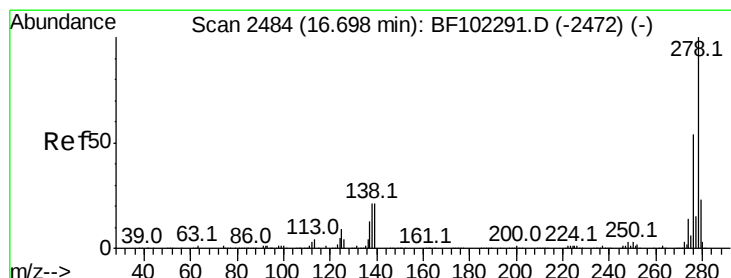
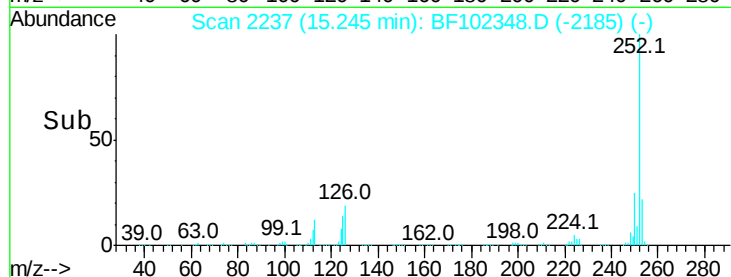
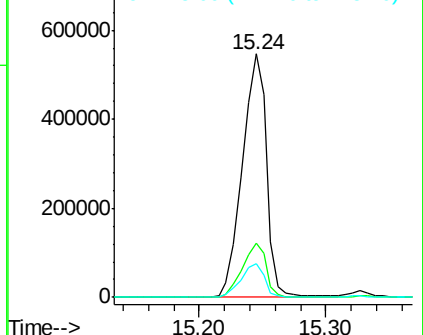
125 14.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.608 ng

RT: 16.71 min Scan# 2486

Delta R.T. 0.01 min

Lab File: BF102348.D

Acq: 23 Jan 2018 18:01

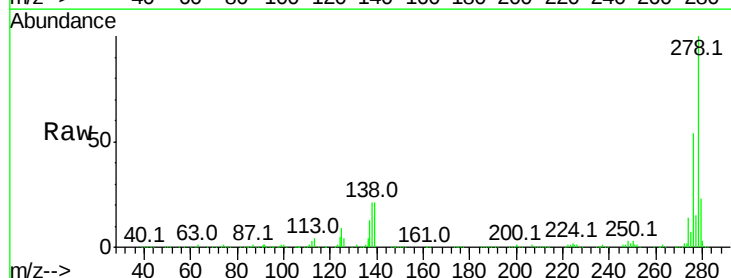
Tgt Ion:278 Resp: 568567

Ion Ratio Lower Upper

278 100

139 20.9 15.9 23.9

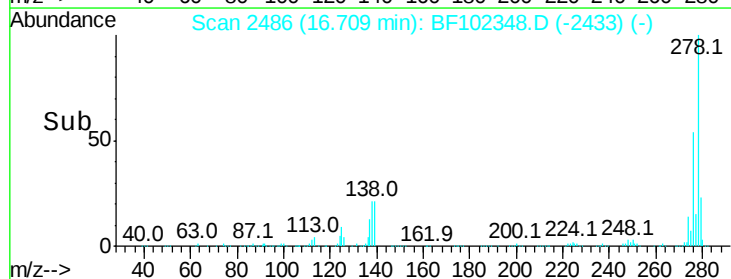
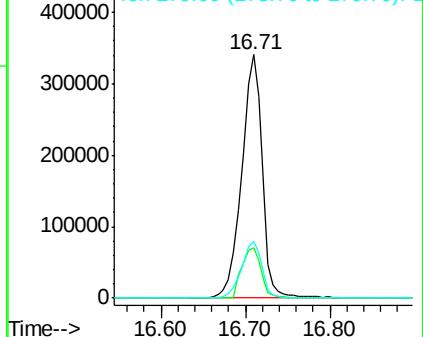
279 23.1 19.0 28.4

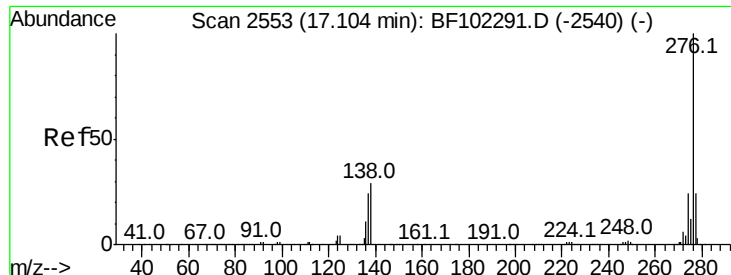


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

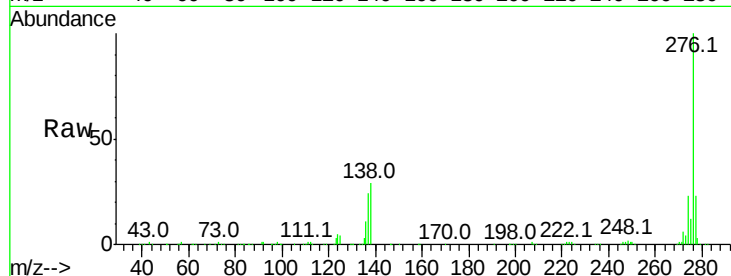




#91
 Benzo(a,h,i)perylene
 Concen: 38.303 ng
 RT: 17.11 min Scan# 2554
 Delta R.T. 0.01 min
 Lab File: BF102348.D
 Acq: 23 Jan 2018 18:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	28.7	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

