

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102491.D
 Acq On : 27 Jan 2018 2:42
 Operator : SJ/JU
 Sample : PB106042BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 27 03:36:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	162902	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	658838	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	266401	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	386253	20.00	ng	0.00
75) Chrysene-d12	13.89	240	285436	20.00	ng	0.00
86) Perylene-d12	15.32	264	202532	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	629289	58.57	ng	0.01
7) Phenol-d6	6.37	99	737160	56.91	ng	0.00
23) Nitrobenzene-d5	7.29	82	576746	50.31	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	89356	33.85	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1140676	62.96	ng	0.00
78) Terphenyl-d14	12.83	244	782141	61.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	124765	24.441	ng	95
3) Pyridine	3.13	79	361722	27.116	ng	96
4) n-Nitrosodimethylamine	3.09	42	158975	30.398	ng	# 99
6) Aniline	6.38	93	314075	18.333	ng	# 21
8) 2-Chlorophenol	6.51	128	322912	28.672	ng	95
9) Benzaldehyde	6.27	77	87188	9.718	ng	95
10) Phenol	6.38	94	390458	27.613	ng	# 68
11) bis(2-Chloroethyl)ether	6.46	93	317816	29.551	ng	97
12) 1,3-Dichlorobenzene	6.66	146	359422	26.834	ng	97
13) 1,4-Dichlorobenzene	6.74	146	366320	27.302	ng	97
14) 1,2-Dichlorobenzene	6.89	146	334290	27.239	ng	97
15) Benzyl Alcohol	6.87	79	245248	26.836	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	511020	28.330	ng	88
17) 2-Methylphenol	6.99	107	264873	27.080	ng	# 95
18) Hexachloroethane	7.23	117	73188	15.654	ng	96
19) n-Nitroso-di-n-propylamine	7.13	70	227625	28.717	ng	96
20) 3+4-Methylphenols	7.15	107	339319	29.497	ng	93
22) Acetophenone	7.13	105	452557	28.815	ng	# 95
24) Nitrobenzene	7.30	77	292203	24.905	ng	99
25) Isophorone	7.55	82	607929	29.744	ng	98
26) 2-Nitrophenol	7.62	139	46673	7.558	ng	96
27) 2,4-Dimethylphenol	7.66	122	289641	32.303	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	400489	31.720	ng	100
29) 2,4-Dichlorophenol	7.87	162	242313	26.530	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	261081	26.666	ng	100
31) Naphthalene	8.03	128	922417	28.041	ng	99
32) Benzoic acid	7.82	122	33737	4.491	ng	93
33) 4-Chloroaniline	8.08	127	330463	23.890	ng	98
34) Hexachlorobutadiene	8.13	225	139860	26.746	ng	97
35) Caprolactam	8.45	113	80660	26.740	ng	95
36) 4-Chloro-3-methylphenol	8.57	107	246605	25.615	ng	98
37) 2-Methylnaphthalene	8.72	142	611783	27.926	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	235045	29.326	ng	100
42) 2,4,6-Trichlorophenol	9.00	196	122441	22.820	ng	98

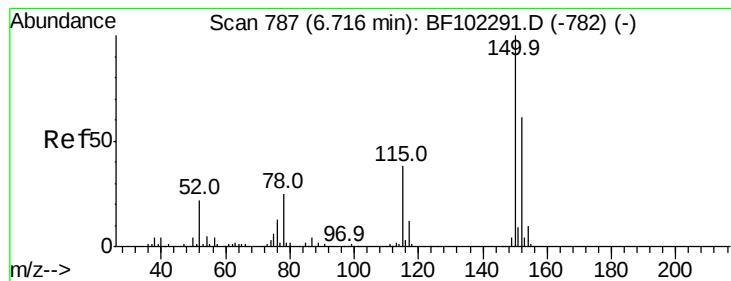
Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	126532	20.945	nq	98
45) 1,1'-Biphenyl	9.18	154	698826	29.337	nq	99
46) 2-Chloronaphthalene	9.21	162	523314	28.264	nq	96
47) 2-Nitroaniline	9.31	65	133238	23.082	nq	99
48) Acenaphthylene	9.62	152	782043	27.111	nq	99
49) Dimethylphthalate	9.48	163	637964	28.972	nq	99
50) 2,6-Dinitrotoluene	9.55	165	69866	14.716	nq	96
51) Acenaphthene	9.79	154	455360	27.030	nq	100
52) 3-Nitroaniline	9.72	138	140344	24.989	nq	93
54) Dibenzofuran	9.96	168	679148	29.787	nq	97
55) 4-Nitrophenol	9.91	139	59231	15.977	nq	96
56) 2,4-Dinitrotoluene	9.96	165	64809	11.101	nq	# 70
57) Fluorene	10.30	166	503518	27.870	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	85602	19.846	nq	97
59) Diethylphthalate	10.17	149	605015	28.275	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	232960	29.741	nq	97
61) 4-Nitroaniline	10.33	138	128059	22.851	nq	86
62) Azobenzene	10.46	77	533037	27.208	nq	99
65) n-Nitrosodiphenylamine	10.42	169	458837	32.365	nq	100
66) 4-Bromophenyl-phenylether	10.79	248	130826	31.464	nq	94
67) Hexachlorobenzene	10.86	284	122801	26.408	nq	# 90
68) Atrazine	10.95	200	129573	30.946	nq	97
69) Pentachlorophenol	11.06	266	48395	19.811	nq	97
70) Phenanthrene	11.27	178	637130	28.307	nq	98
71) Anthracene	11.32	178	668499	29.099	nq	99
72) Carbazole	11.48	167	622867	27.791	nq	99
73) Di-n-butylphthalate	11.80	149	867773	30.975	nq	99
74) Fluoranthene	12.46	202	633134	27.585	nq	99
76) Benzidine	12.59	184	225705	23.538	nq	97
77) Pyrene	12.69	202	637782	28.900	nq	99
79) Butylbenzylphthalate	13.30	149	326570	29.735	nq	97
80) Benzo(a)anthracene	13.87	228	518714	29.517	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	187681	29.113	nq	99
82) Chrysene	13.92	228	503248	28.200	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	463450	31.400	nq	# 98
84) Di-n-octyl phthalate	14.47	149	781085	32.542	nq	99
85) Indeno(1,2,3-cd)pyrene	16.72	276	323576	21.955	nq	97
87) Benzo(b)fluoranthene	14.91	252	401164	30.560	nq	99
88) Benzo(k)fluoranthene	14.93	252	368776	29.735	nq	99
89) Benzo(a)pyrene	15.26	252	347037	29.313	nq	98
90) Dibenzo(a,h)anthracene	16.73	278	275098	28.685	nq	97
91) Benzo(g,h,i)perylene	17.14	276	268854	28.392	nq	95

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

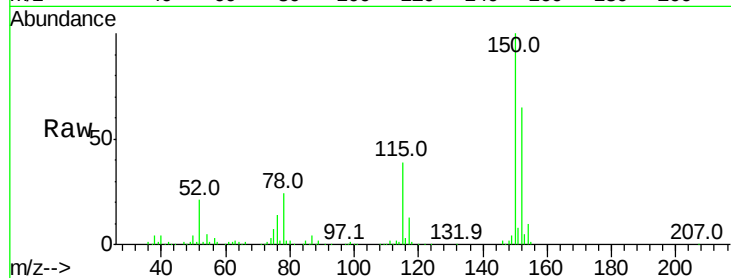


#1

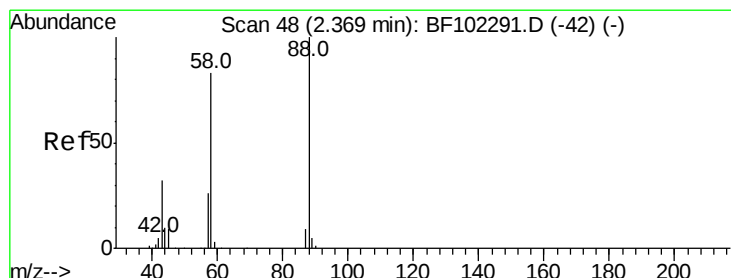
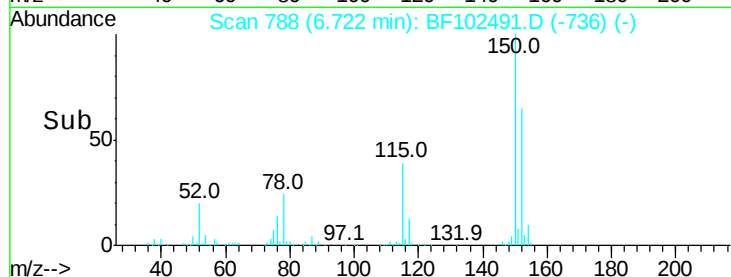
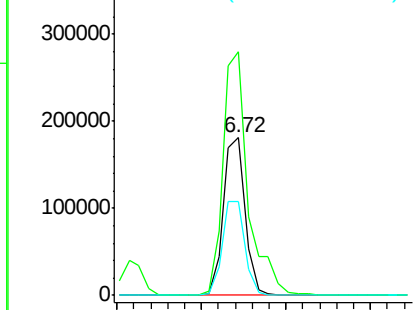
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 162902
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 59.9 50.1 75.1



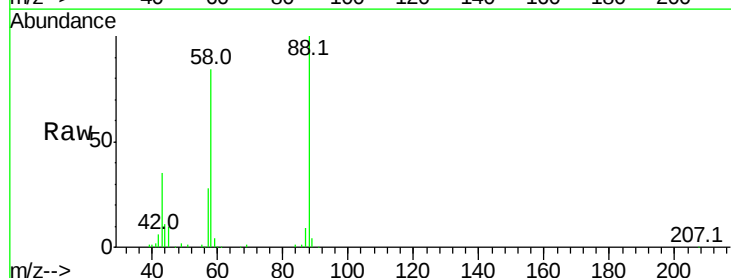
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



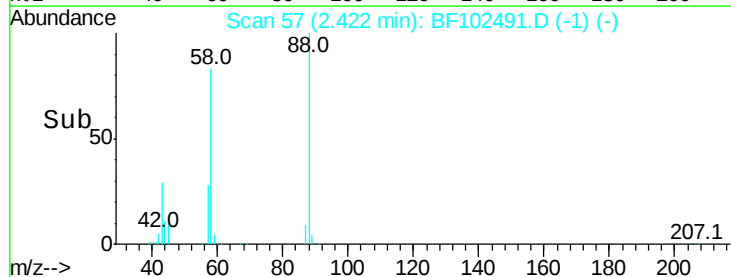
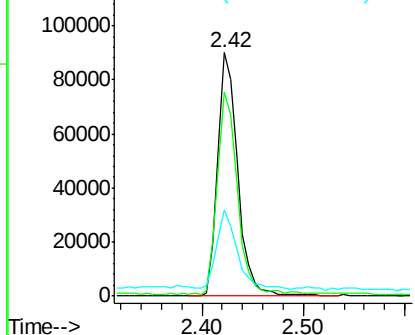
#2

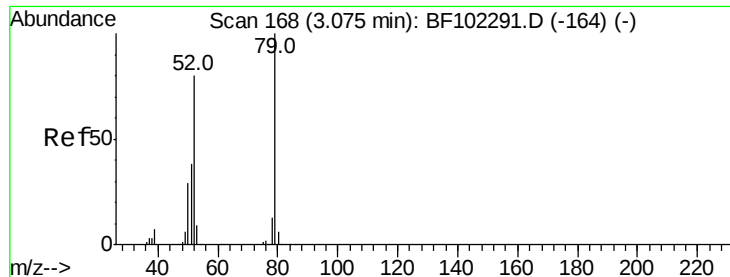
1,4-Dioxane
Concen: 24.441 ng
RT: 2.42 min Scan# 57
Delta R.T. 0.05 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Tgt Ion: 88 Resp: 124765
Ion Ratio Lower Upper
88 100
58 82.9 62.6 93.8
43 32.9 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: 27.116 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.05 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Instrument :

BNA_F

ClientSampleId :

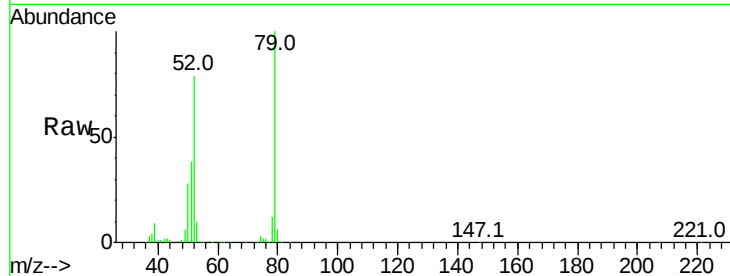
Tot Ion: 79 Resp: 361722

Ion Ratio Lower Upper

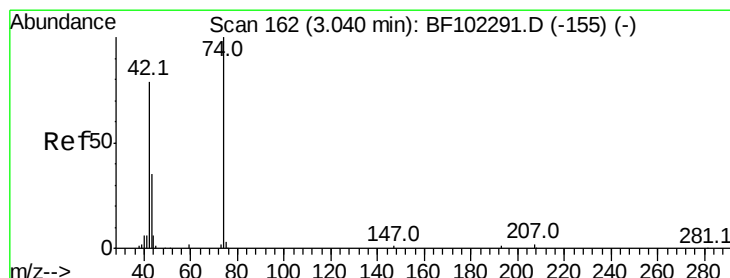
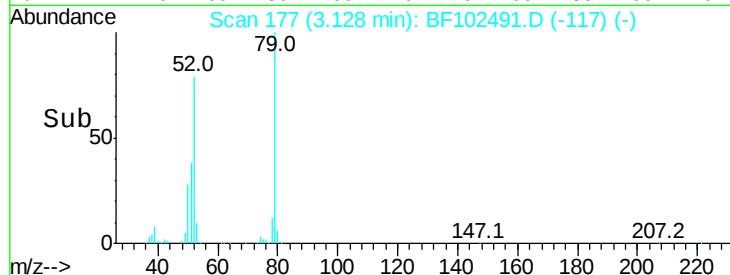
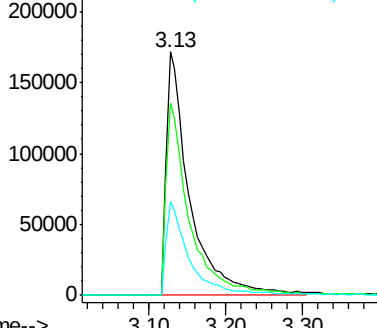
79 100

52 78.8 59.8 89.6

51 38.4 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 30.398 ng

RT: 3.09 min Scan# 171

Delta R.T. 0.05 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

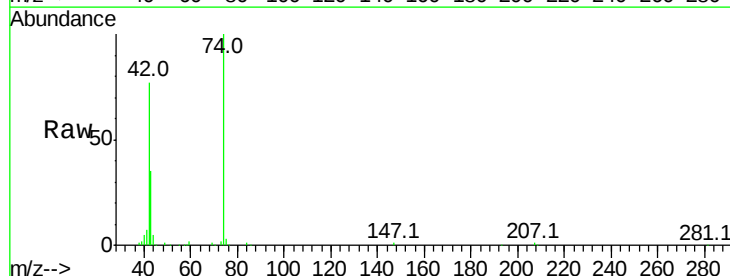
Tgt Ion: 42 Resp: 158975

Ion Ratio Lower Upper

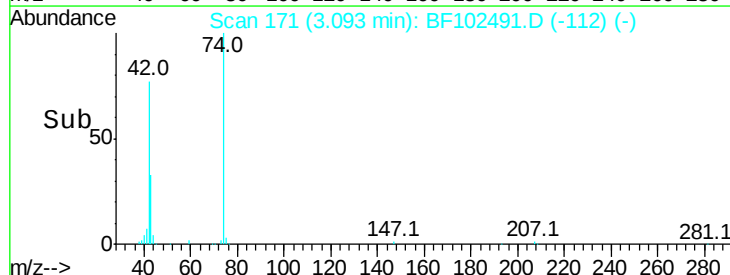
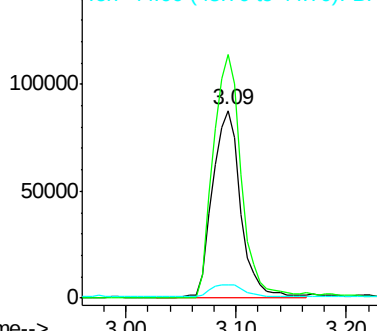
42 100

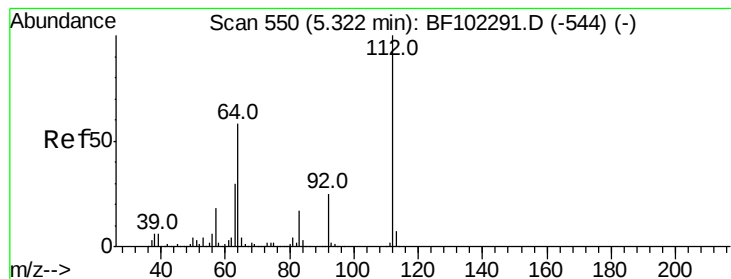
74 129.7 104.9 157.3

44 6.9 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 58.573 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Instrument :

BNA_F

ClientSampleId :

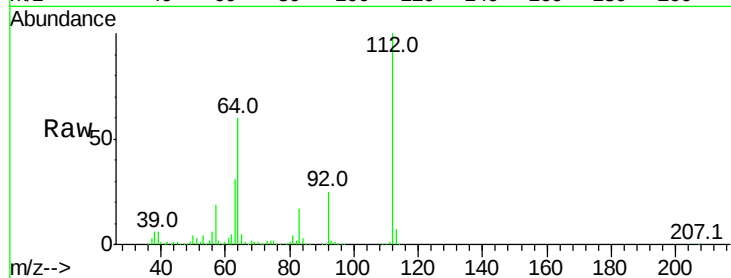
Tot Ion:112 Resp: 629289

Ion Ratio Lower Upper

112 100

64 59.8 47.9 71.9

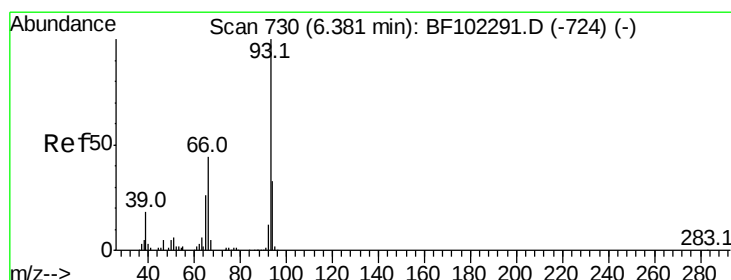
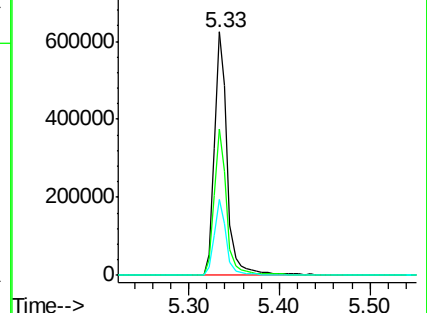
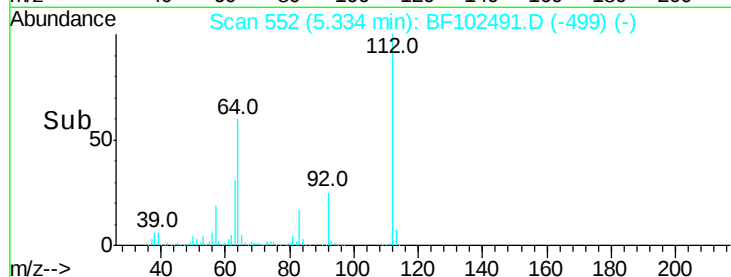
63 31.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.333 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

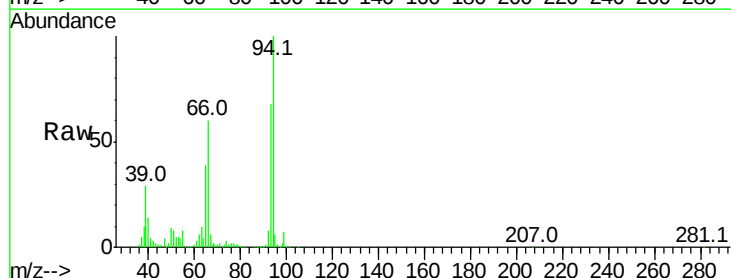
Tgt Ion: 93 Resp: 314075

Ion Ratio Lower Upper

93 100

66 88.8 32.2 48.2#

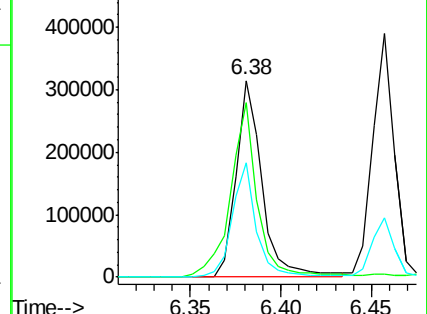
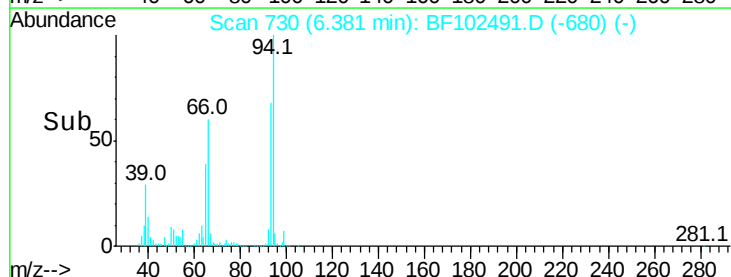
65 58.1 16.4 24.6#

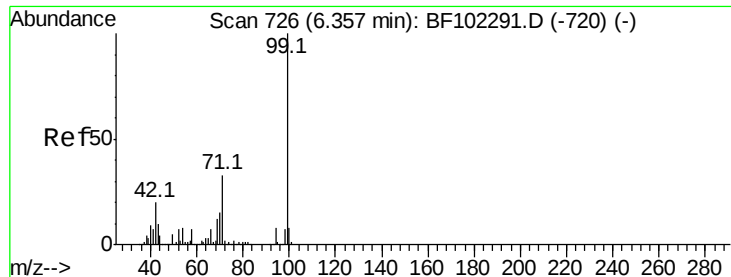


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 56.913 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Instrument :

BNA_F

ClientSampleId :

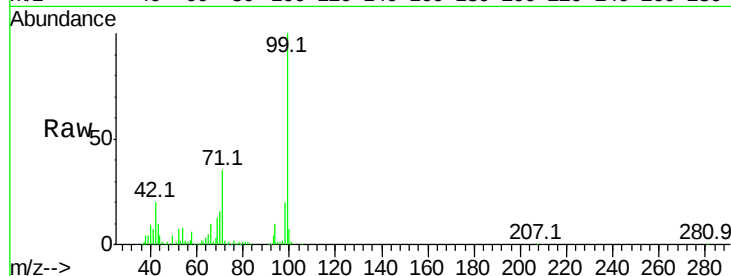
Tot Ion: 99 Resp: 737160

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

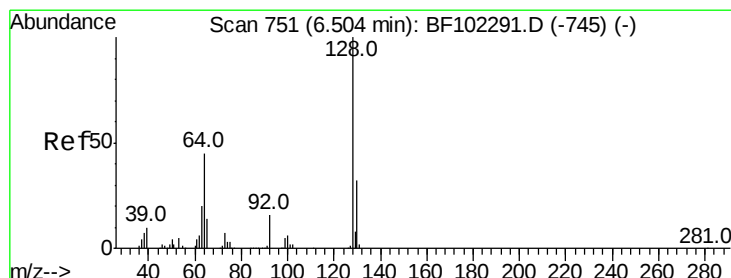
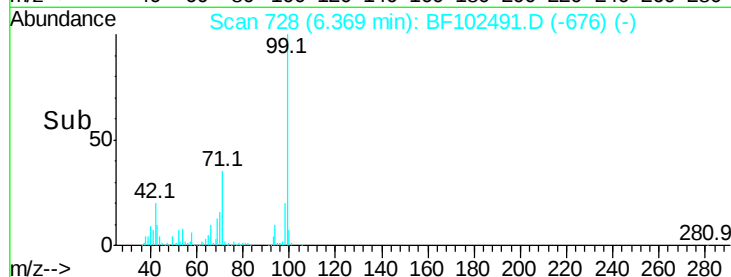
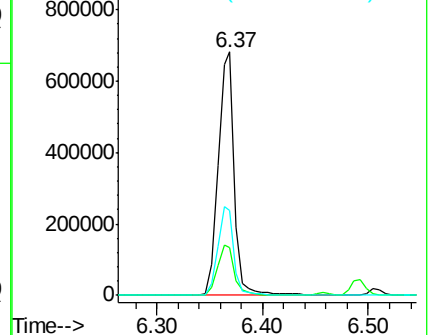
71 34.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 28.672 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

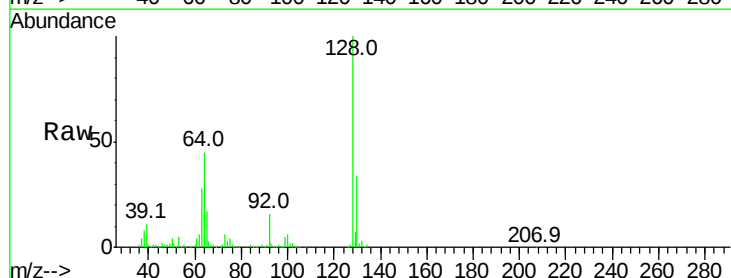
Tgt Ion: 128 Resp: 322912

Ion Ratio Lower Upper

128 100

130 34.1 13.0 53.0

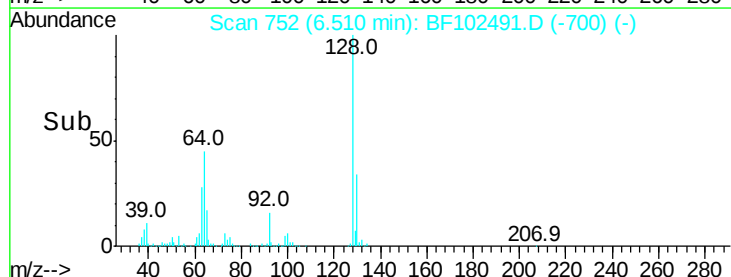
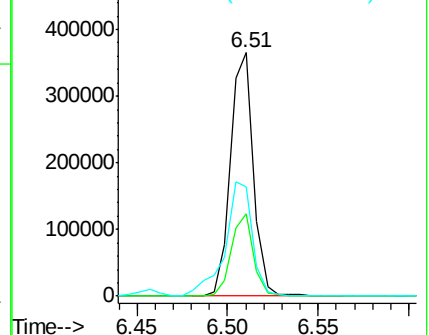
64 45.1 29.4 69.4

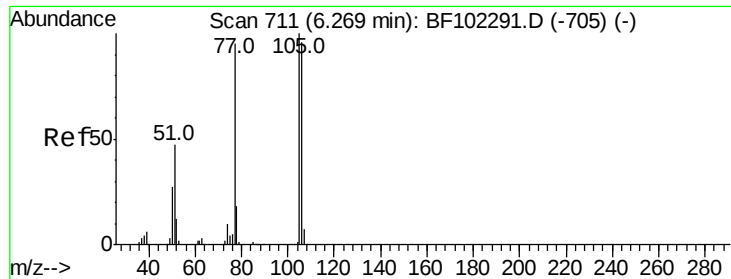


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 9.718 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Instrument :

BNA_F

ClientSampleId :

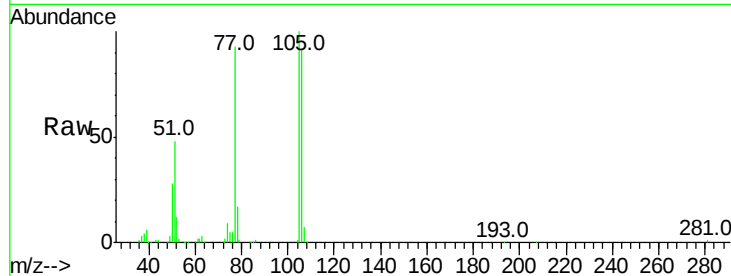
Tot Ion: 77 Resp: 87188

Ion Ratio Lower Upper

77 100

105 107.7 81.1 121.1

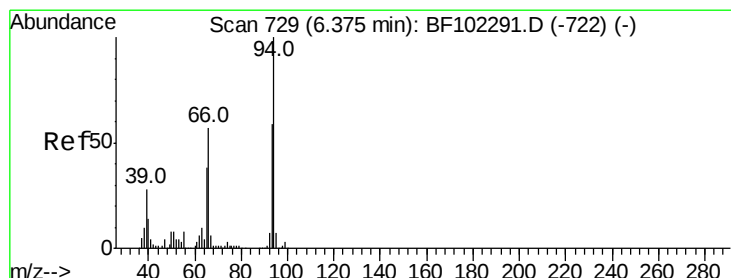
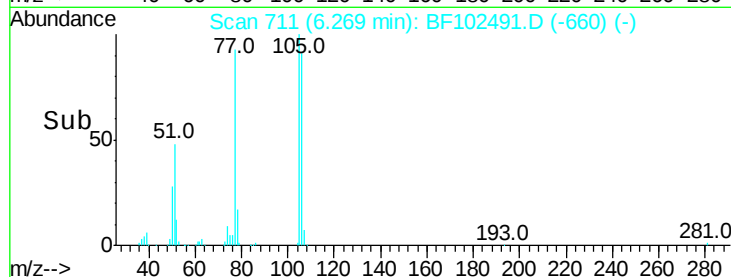
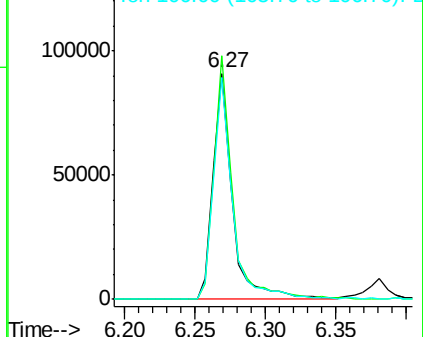
106 98.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 27.613 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

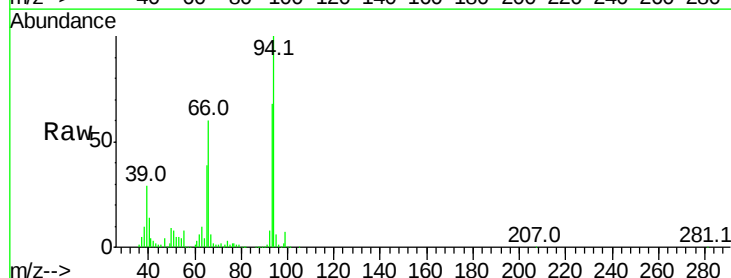
Tgt Ion: 94 Resp: 390458

Ion Ratio Lower Upper

94 100

65 39.4 7.9 47.9

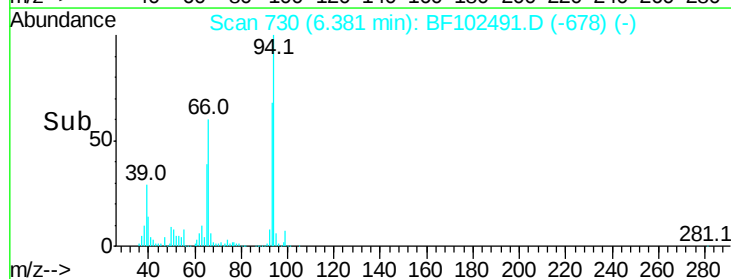
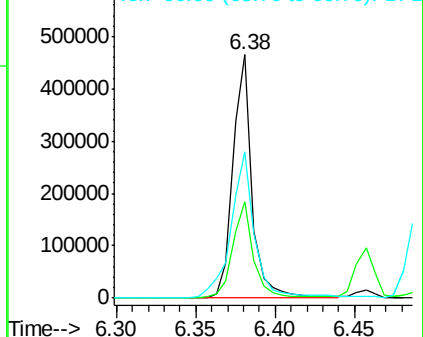
66 60.2 16.2 56.2#

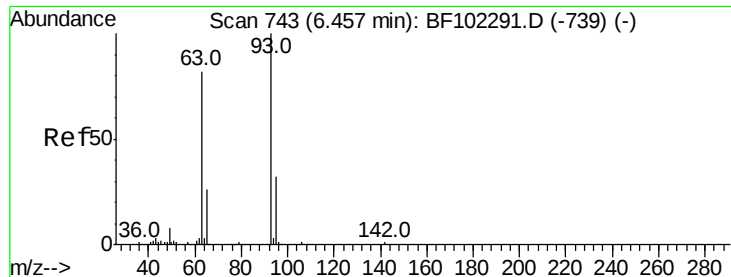


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 29.551 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Instrument :

BNA_F

ClientSampleId :

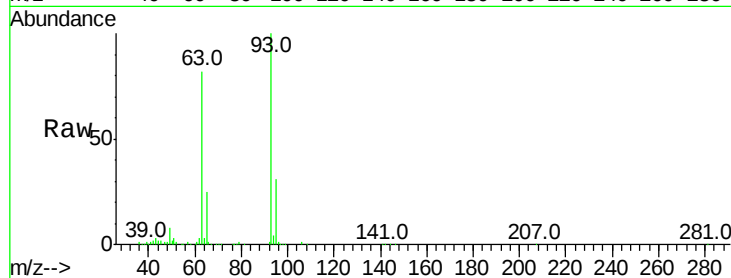
Tot Ion: 93 Resp: 317816

Ion Ratio Lower Upper

93 100

63 81.7 58.6 98.6

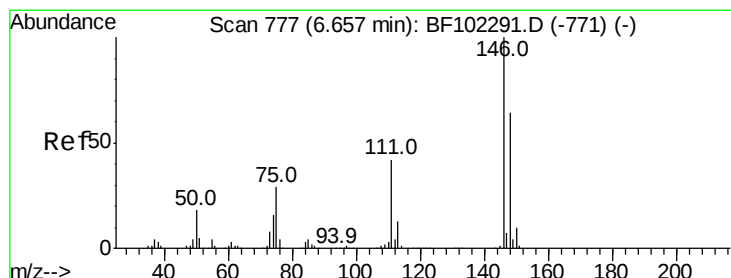
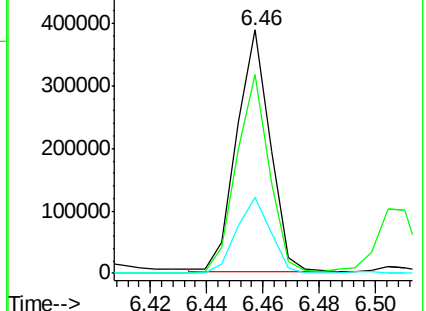
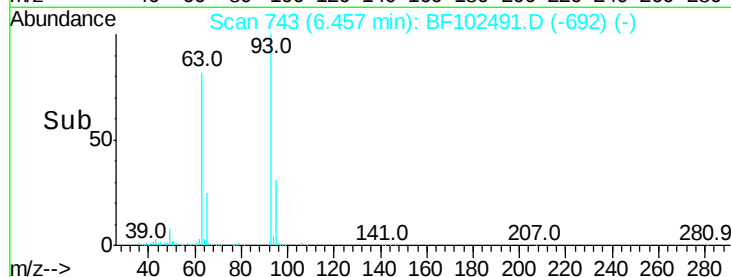
95 31.4 11.8 51.8



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: 26.834 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

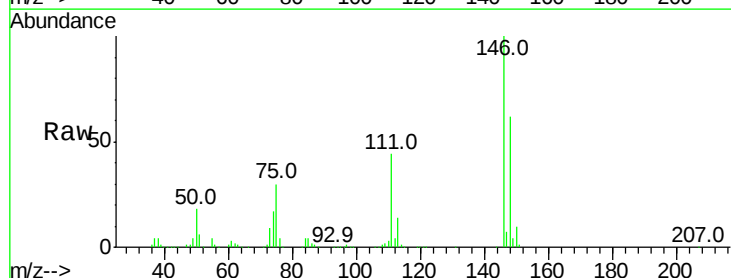
Tgt Ion: 146 Resp: 359422

Ion Ratio Lower Upper

146 100

148 61.7 51.8 77.8

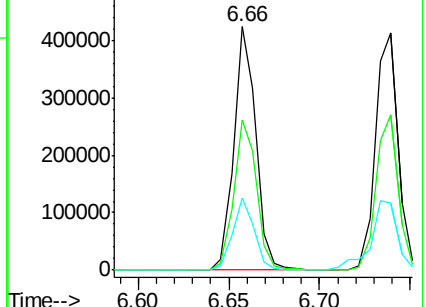
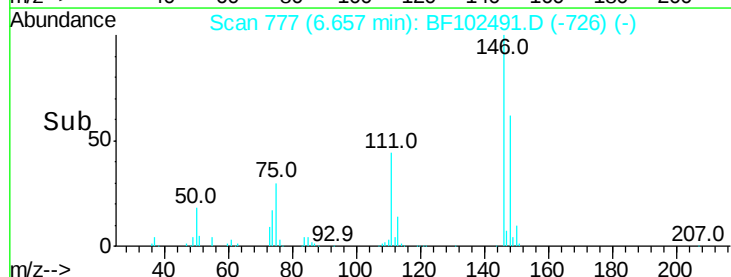
75 29.9 24.2 36.4

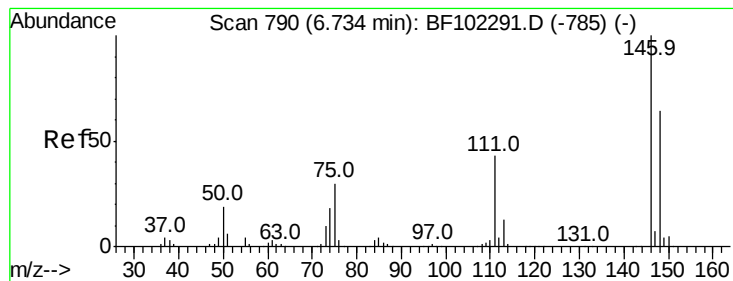


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 27.302 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Instrument :

BNA_F

ClientSampleId :

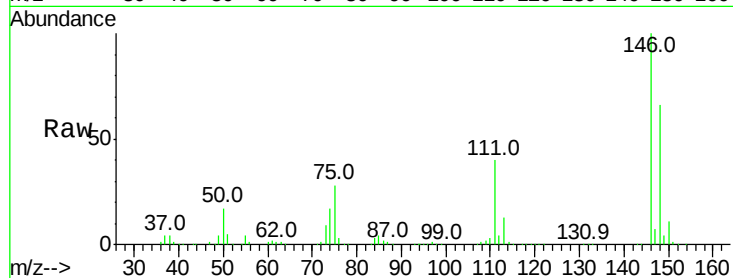
Tot Ion:146 Resp: 366320

Ion Ratio Lower Upper

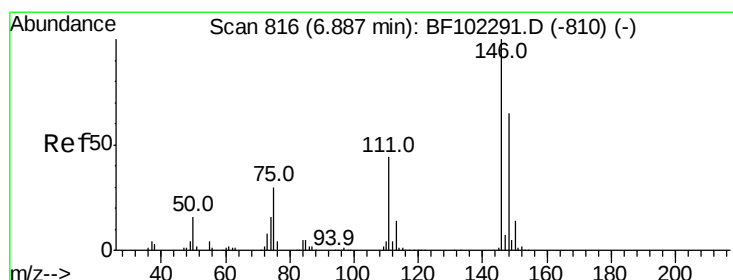
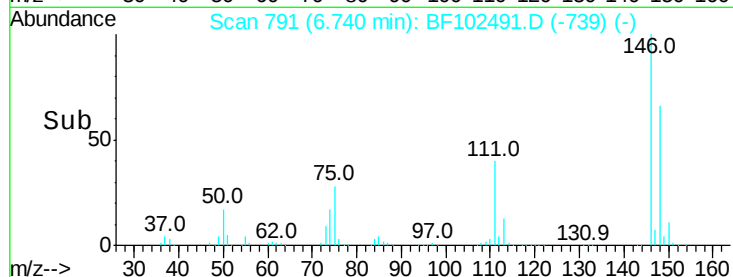
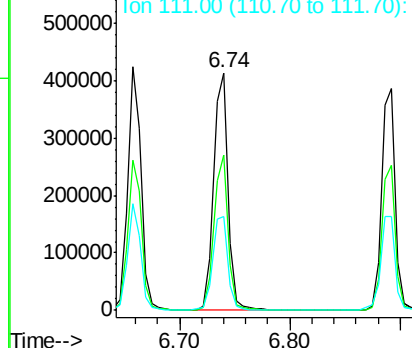
146 100

148 65.5 50.8 76.2

111 39.8 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: 27.239 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

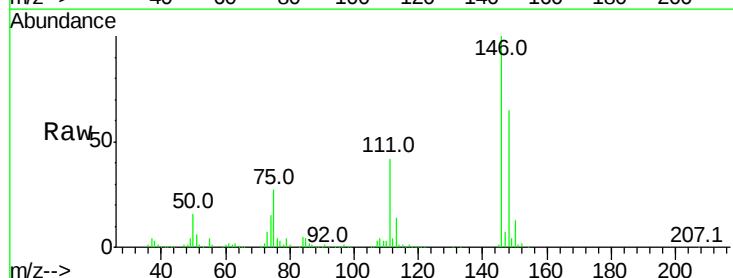
Tgt Ion:146 Resp: 334290

Ion Ratio Lower Upper

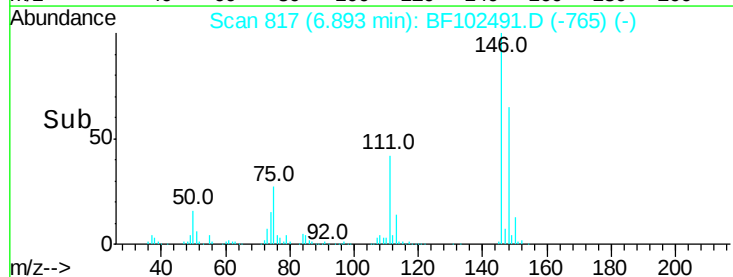
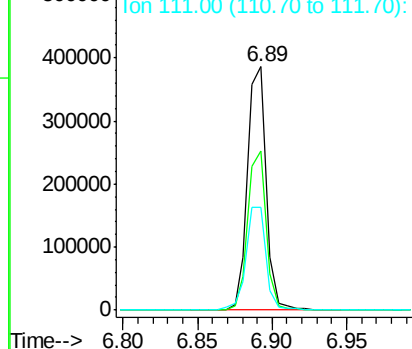
146 100

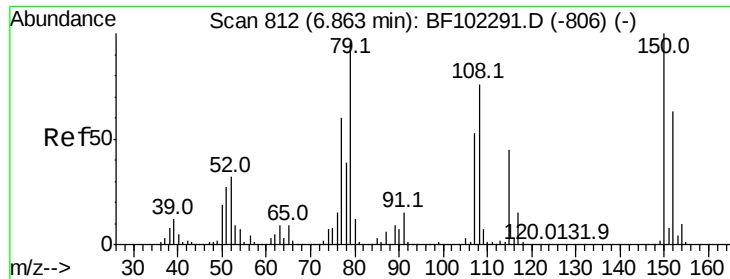
148 65.4 50.6 75.8

111 42.1 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

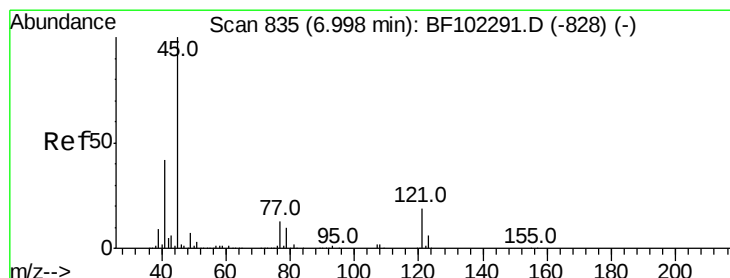
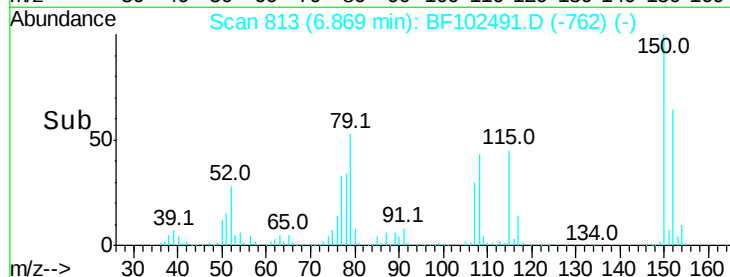
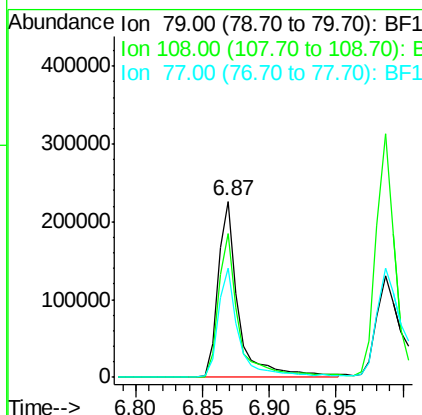
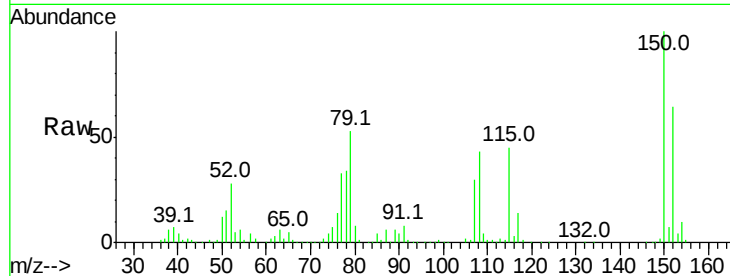




#15
Benzyl Alcohol
Concen: 26.836 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

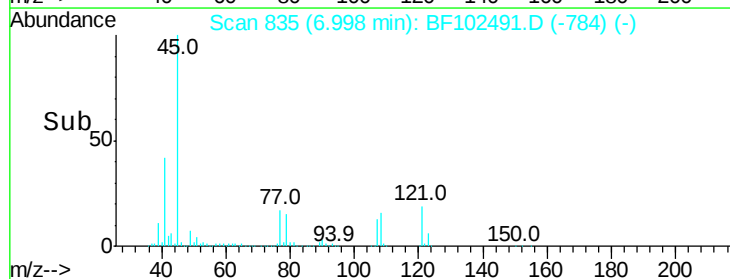
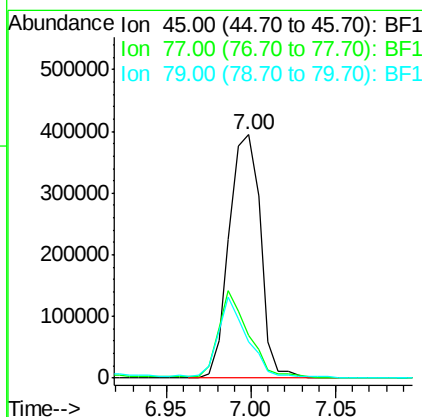
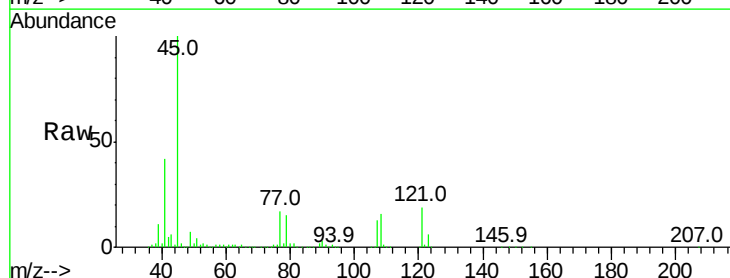
Instrument :
BNA_F
ClientSampled :

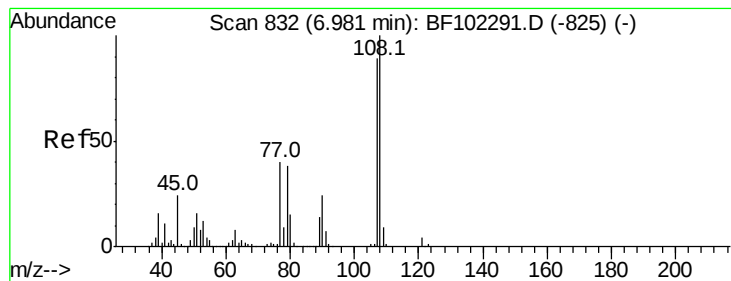
Tot Ion: 79 Resp: 245248
Ion Ratio Lower Upper
79 100
108 81.3 65.1 97.7
77 62.0 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.330 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Tgt Ion: 45 Resp: 511020
Ion Ratio Lower Upper
45 100
77 17.3 0.0 32.9
79 14.8 0.0 29.6

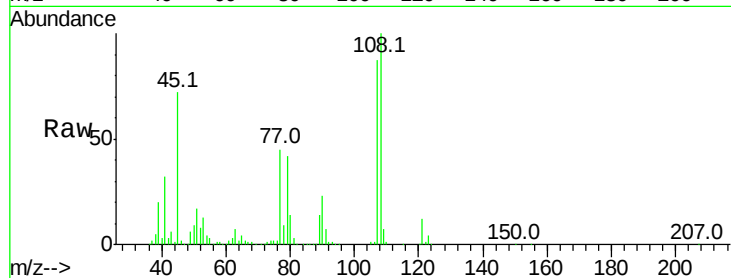




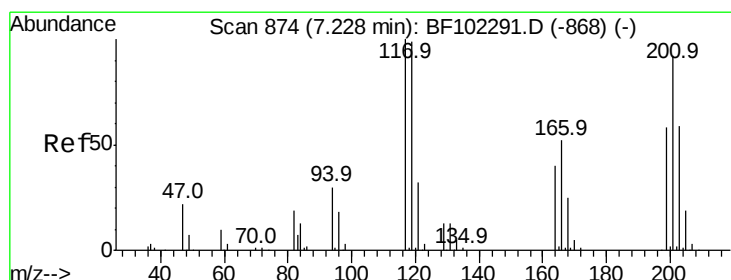
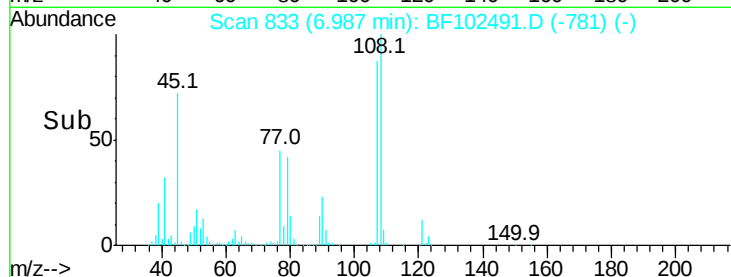
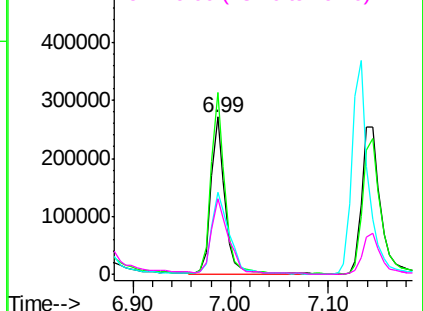
#17
2-Methylphenol
Concen: 27.080 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 264873
Ion Ratio Lower Upper
107 100
108 115.2 91.7 137.5
77 51.9 33.8 50.8#
79 48.1 33.8 50.8

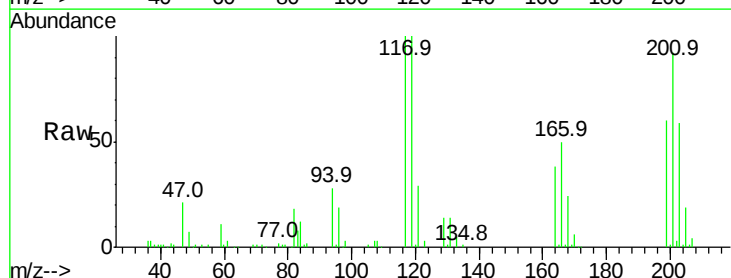


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

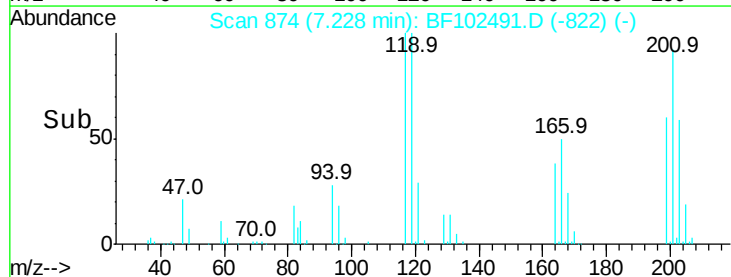
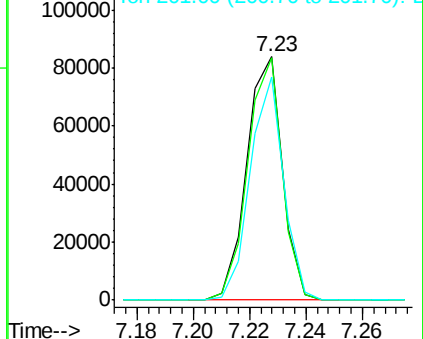


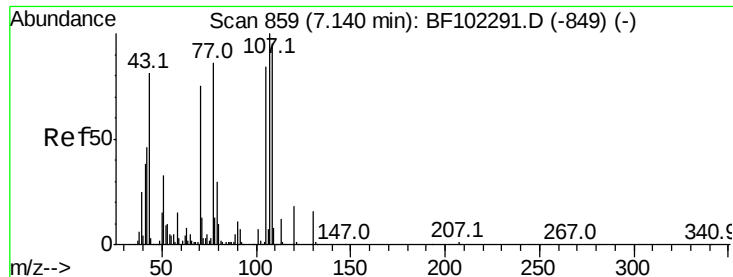
#18
Hexachloroethane
Concen: 15.654 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Tgt Ion:117 Resp: 73188
Ion Ratio Lower Upper
117 100
119 99.5 75.8 113.8
201 91.8 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

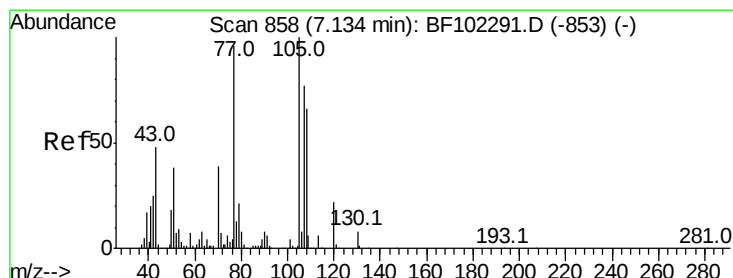
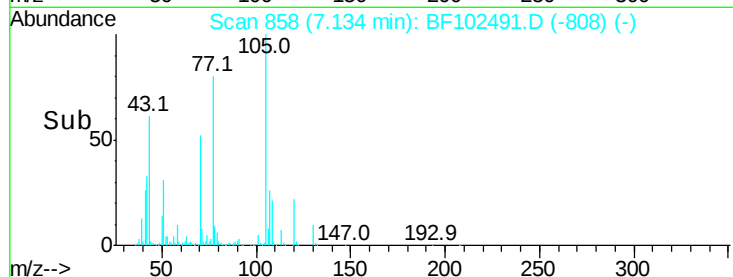
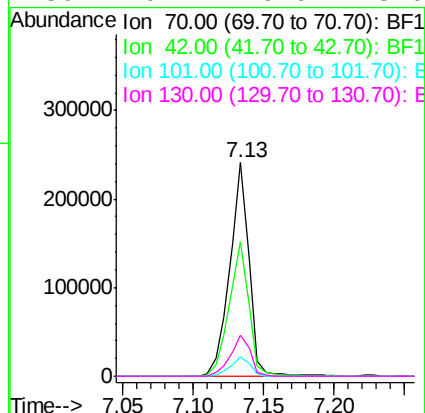
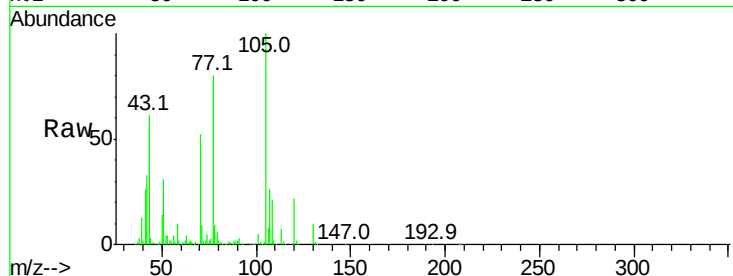




#19
n-Nitroso-di-n-propylamine
Concen: 28.717 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

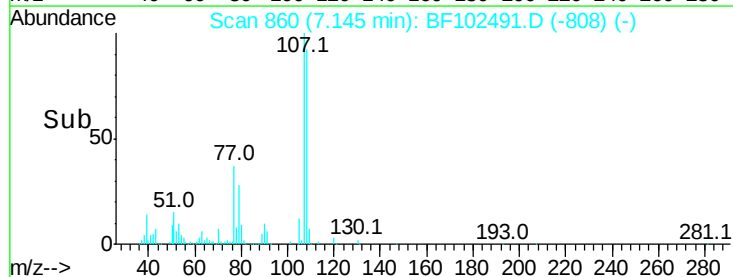
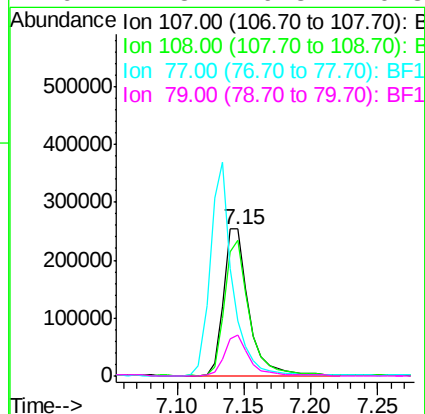
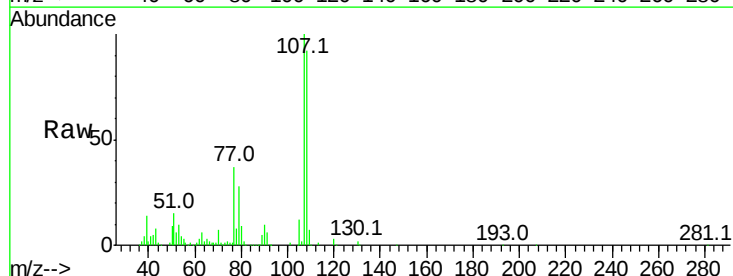
Instrument :
BNA_F
ClientSampleId :

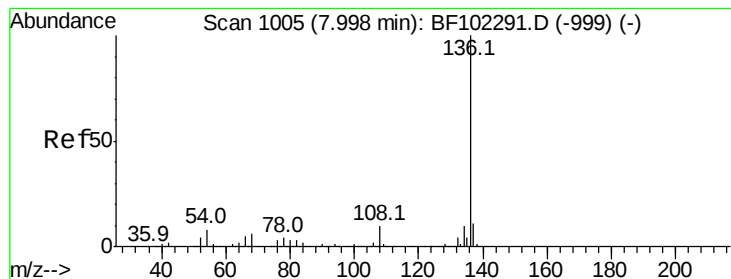
Tot Ion	Ratio	Lower	Upper
70	100		
42	63.1	47.5	71.3
101	9.1	7.4	11.2
130	19.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 29.497 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.0	68.2	108.2
77	37.4	26.7	66.7
79	27.8	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 658838

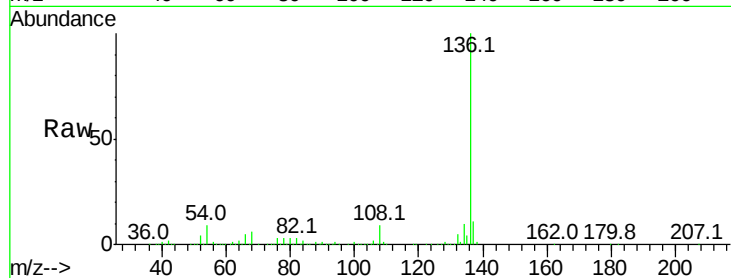
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.7 6.6 9.8

68 5.8 5.0 7.4

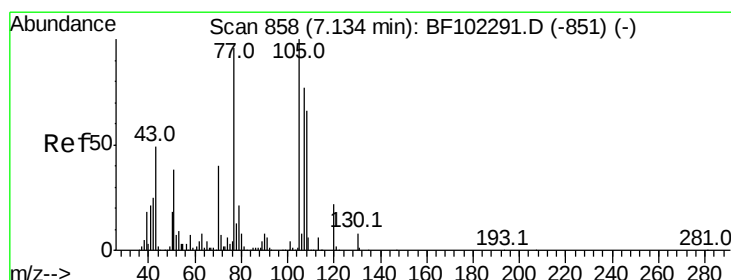
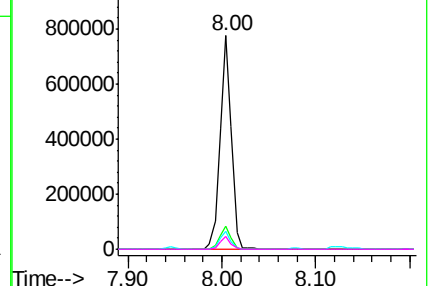
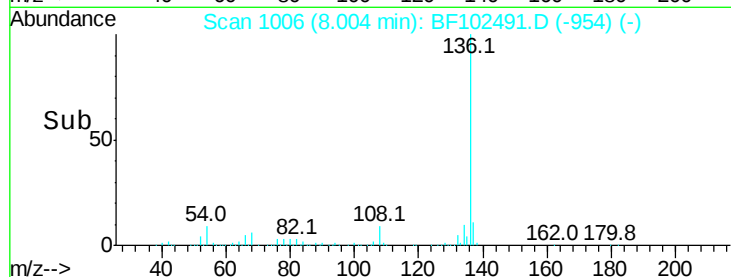


Abundance Ion 136.00 (135.70 to 136.70): E

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: 28.815 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Tgt Ion:105 Resp: 452557

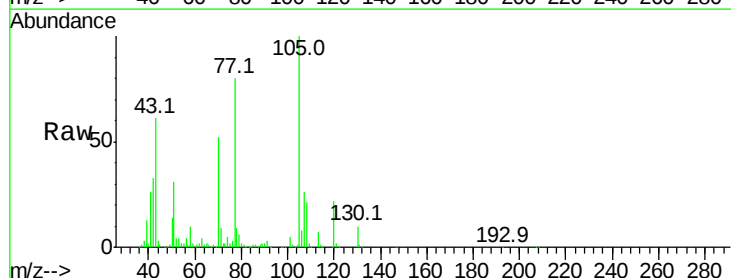
Ion Ratio Lower Upper

105 100

71 8.5 4.4 6.6#

51 31.1 22.3 33.5

120 21.9 16.9 25.3

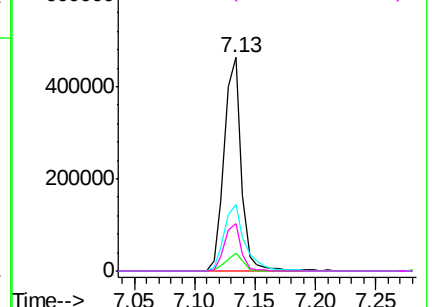
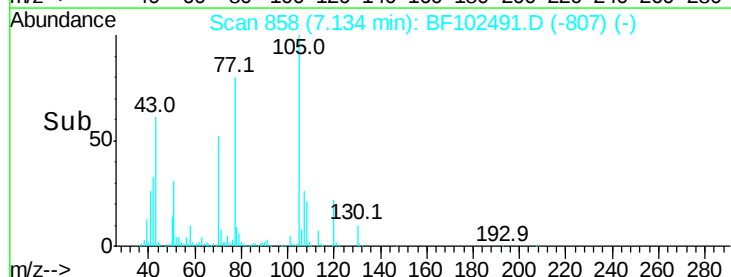


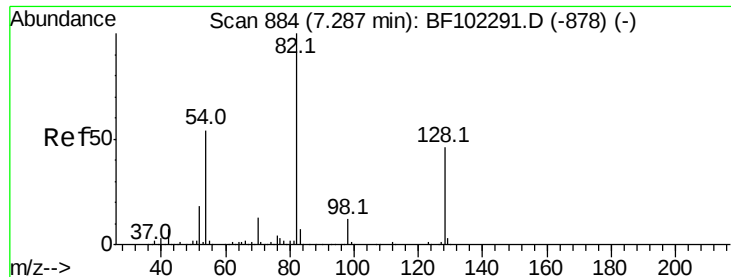
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

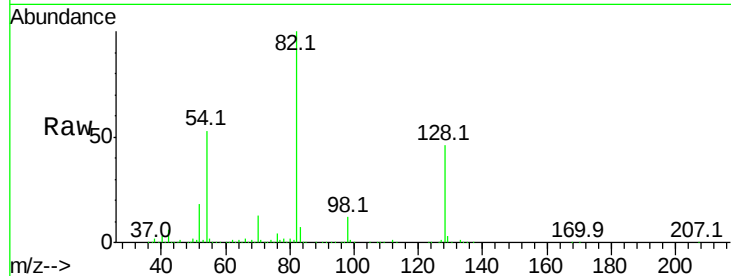




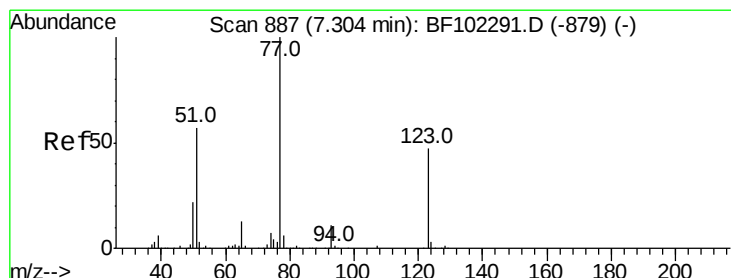
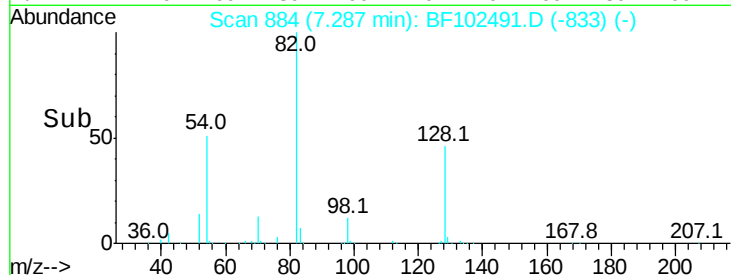
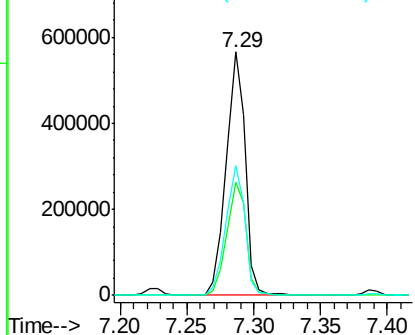
#23
 Nitrobenzene-d5
 Concen: 50.306 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF102491.D
 Acq: 27 Jan 2018 2:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 576746
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.1 54.1
 54 53.2 41.4 62.2

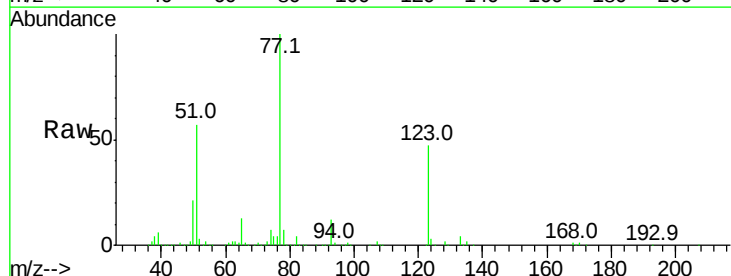


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

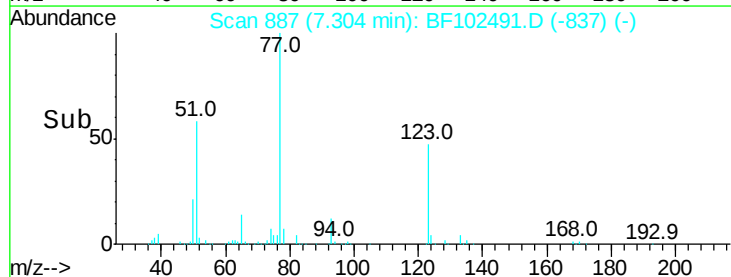
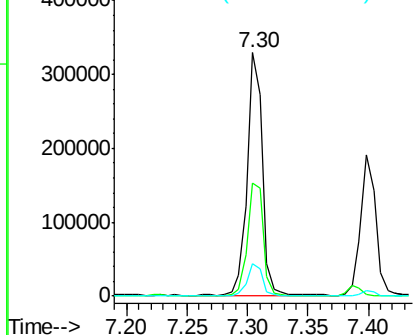


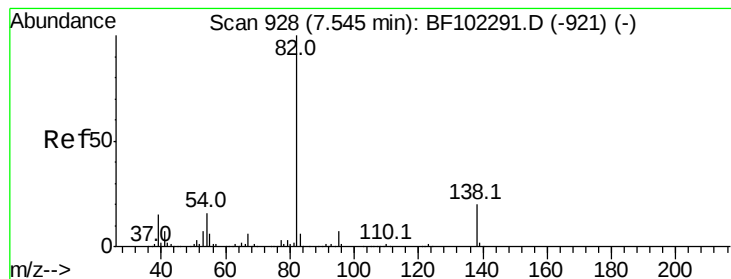
#24
 Nitrobenzene
 Concen: 24.905 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF102491.D
 Acq: 27 Jan 2018 2:42

Tgt Ion: 77 Resp: 292203
 Ion Ratio Lower Upper
 77 100
 123 46.6 37.9 56.9
 65 13.5 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: 29.744 ng

RT: 7.55 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Instrument :

BNA_F

ClientSampleId :

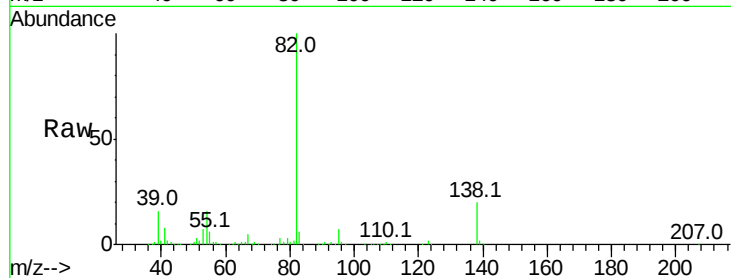
Tot Ion: 82 Resp: 607929

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

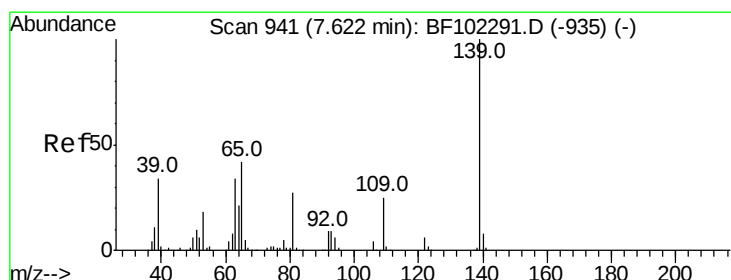
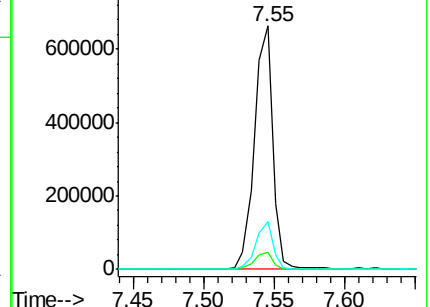
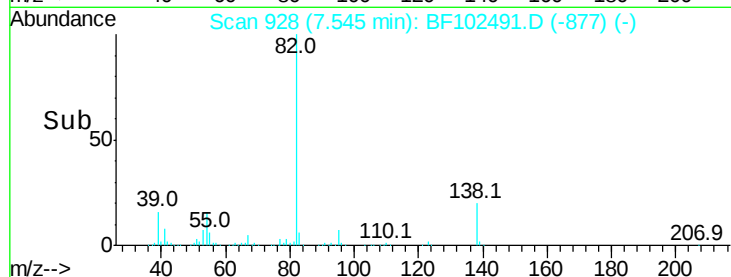
138 19.6 14.9 22.3



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: 7.558 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

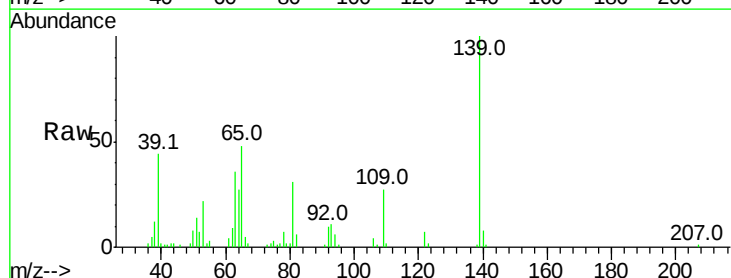
Tgt Ion: 139 Resp: 46673

Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

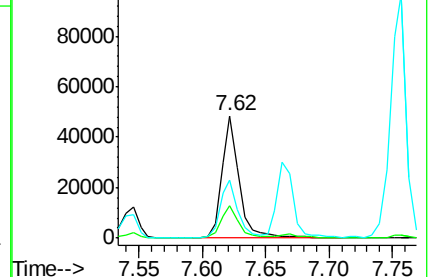
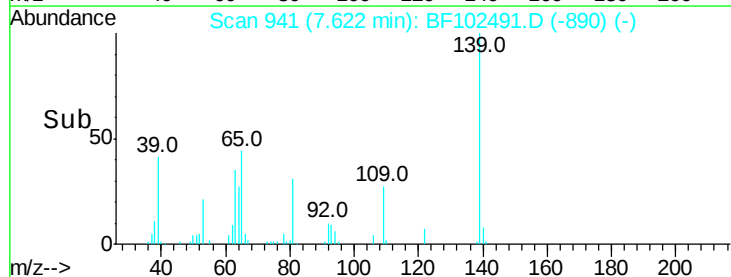
65 47.9 40.5 60.7

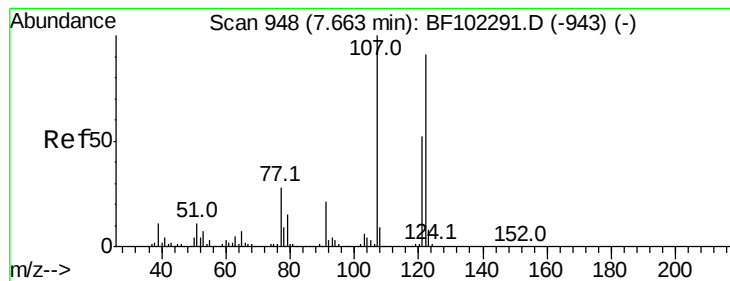


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 32.303 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Instrument :

BNA_F

ClientSampled :

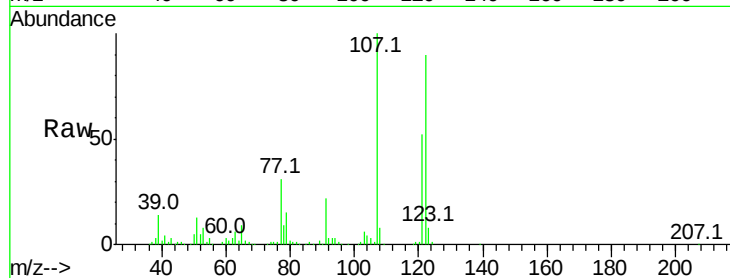
Tot Ion:122 Resp: 289641

Ion Ratio Lower Upper

122 100

107 111.3 91.2 136.8

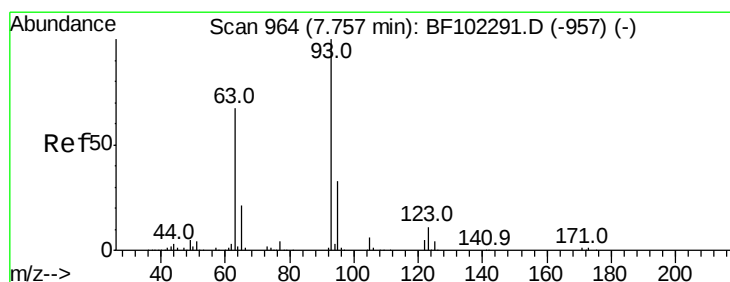
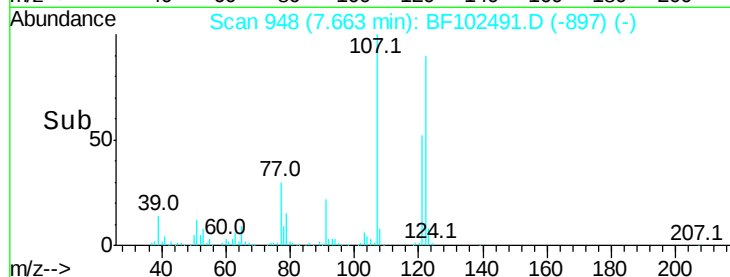
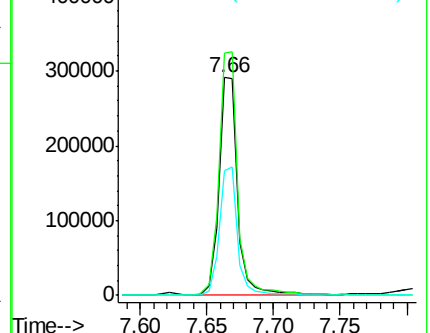
121 57.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 31.720 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

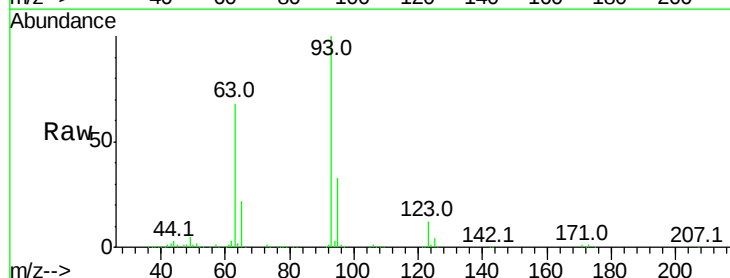
Tgt Ion: 93 Resp: 400489

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

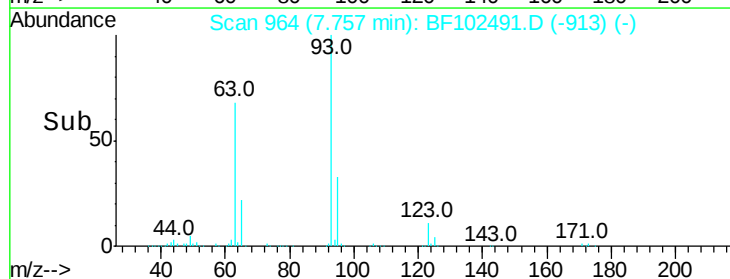
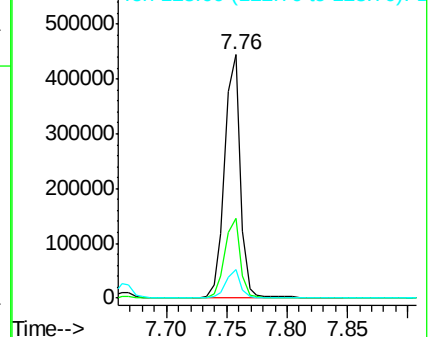
123 11.6 9.8 14.6

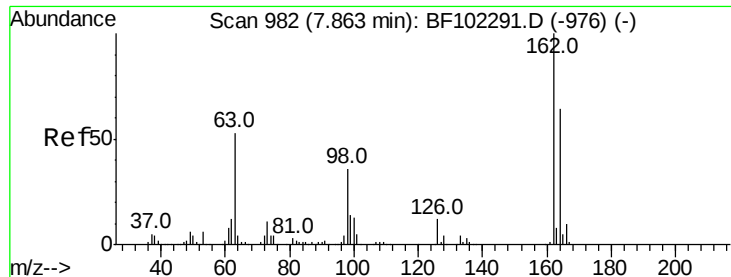


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 26.530 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Instrument :

BNA_F

ClientSampleId :

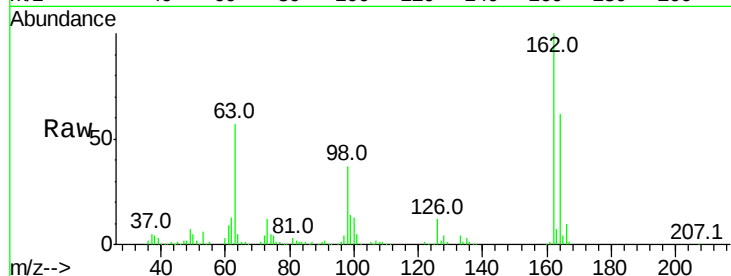
Tot Ion:162 Resp: 242313

Ion Ratio Lower Upper

162 100

164 61.9 42.7 82.7

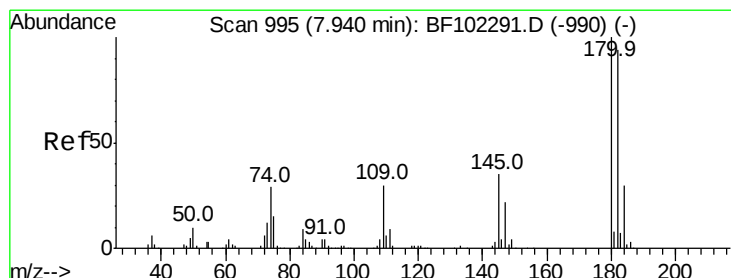
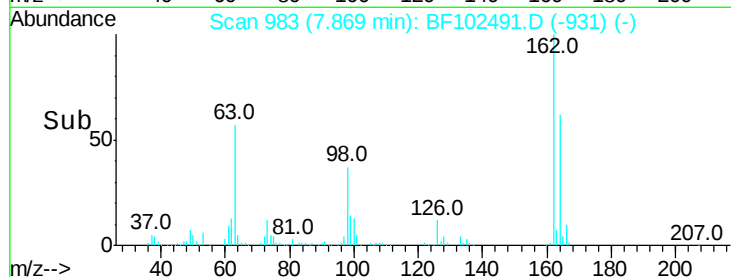
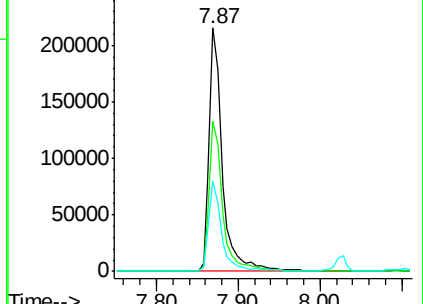
98 37.1 18.1 58.1



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: 26.666 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

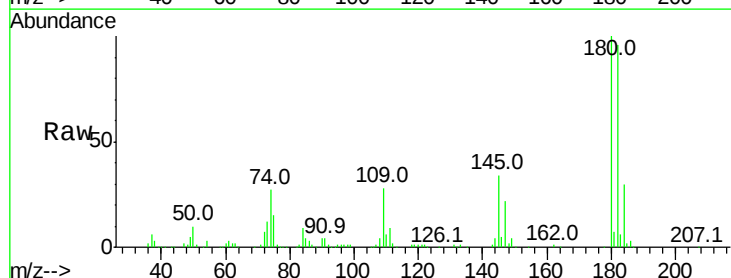
Tgt Ion:180 Resp: 261081

Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

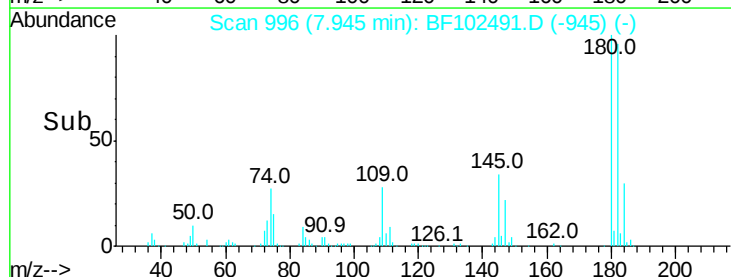
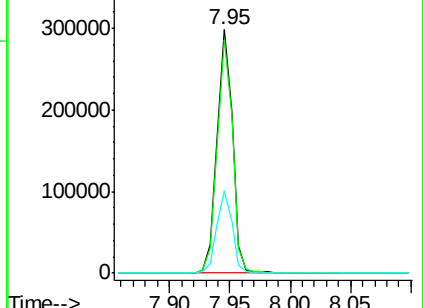
145 34.0 26.5 39.7

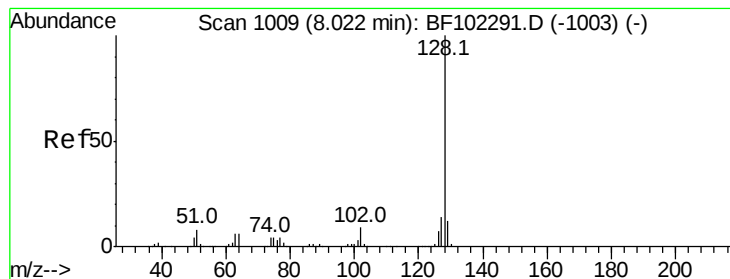


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 28.041 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

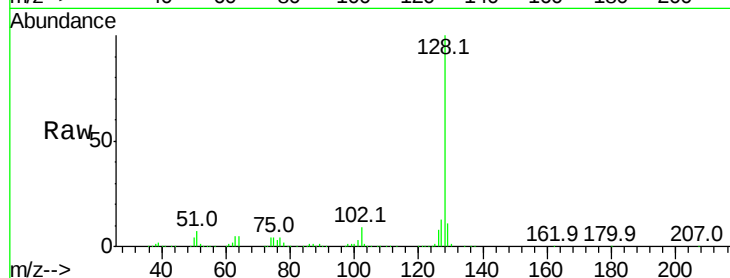
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 922417

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.3	10.9	16.3

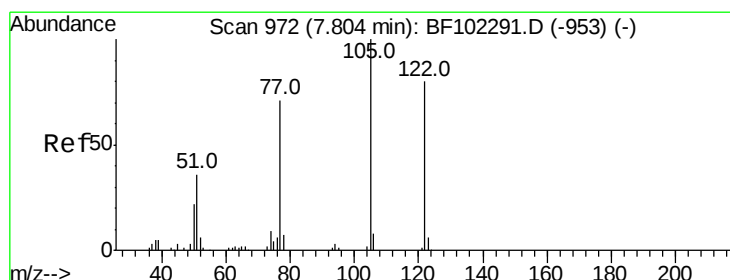
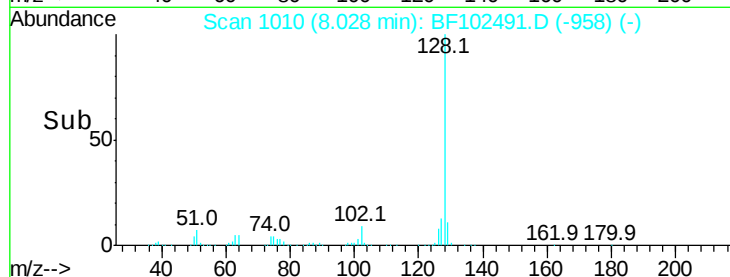
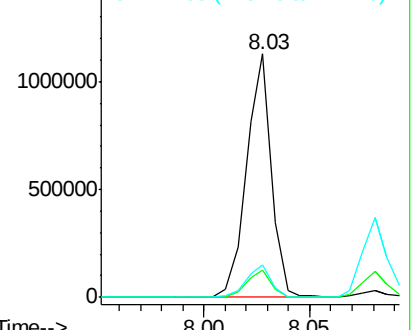


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 4.491 ng

RT: 7.82 min Scan# 974

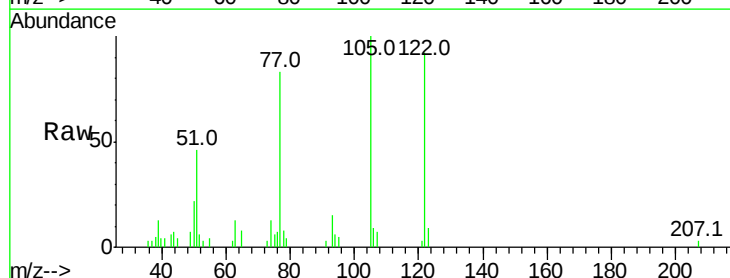
Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Tgt Ion:122 Resp: 33737

Ion	Ratio	Lower	Upper
122	100		
105	108.1	101.1	141.1
77	90.2	70.7	110.7

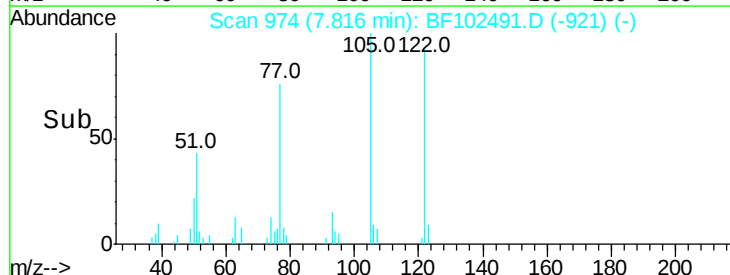
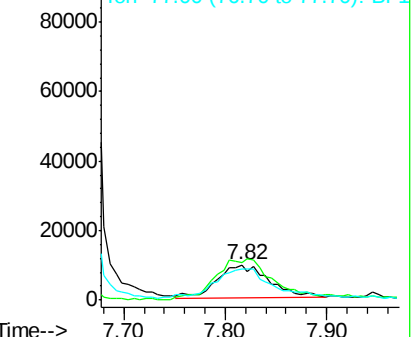


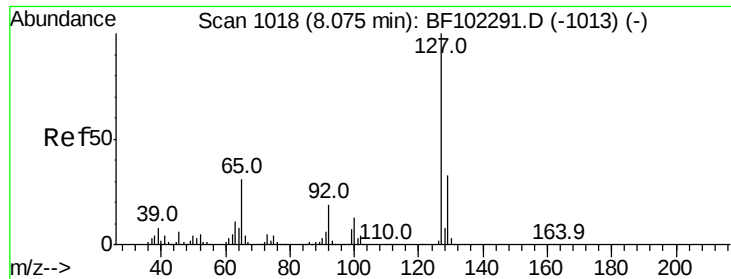
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

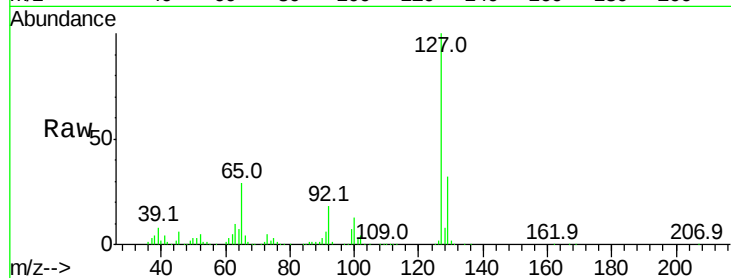




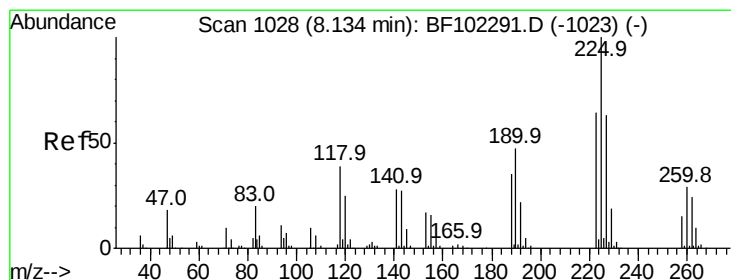
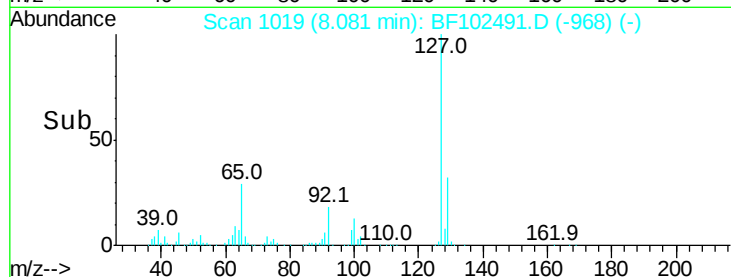
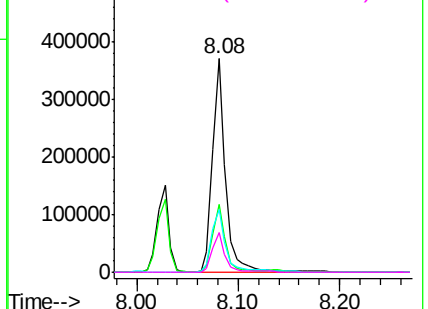
#33
4-Chloroaniline
Concen: 23.890 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	330463
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	29.4	25.0	37.4
92	18.4	15.2	22.8

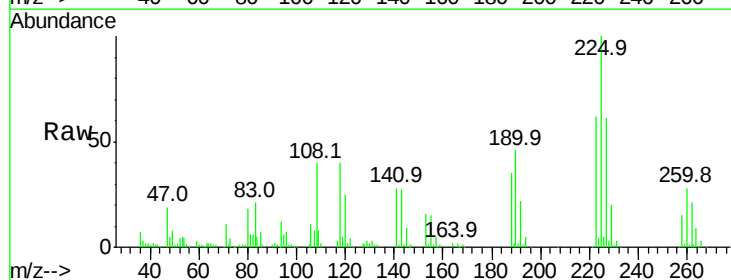


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

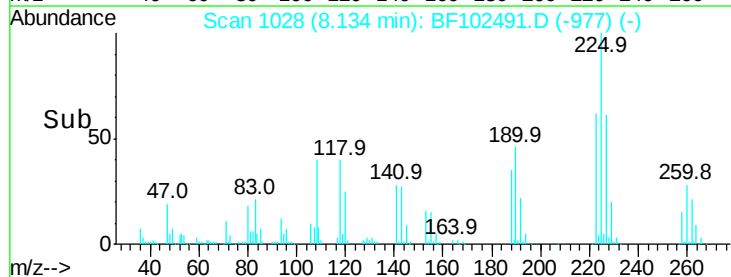
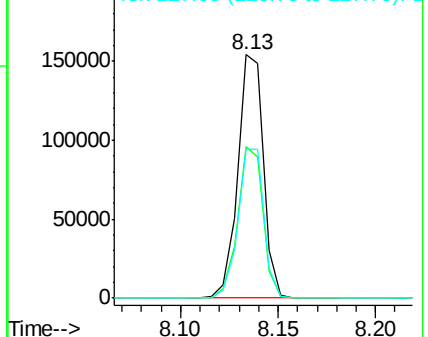


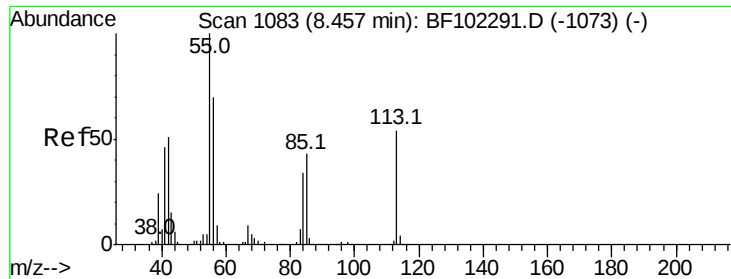
#34
Hexachlorobutadiene
Concen: 26.746 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Tgt Ion:	225	Resp:	139860
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	61.3	51.9	77.9



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

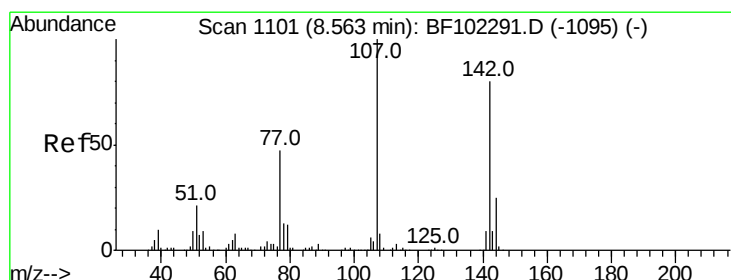
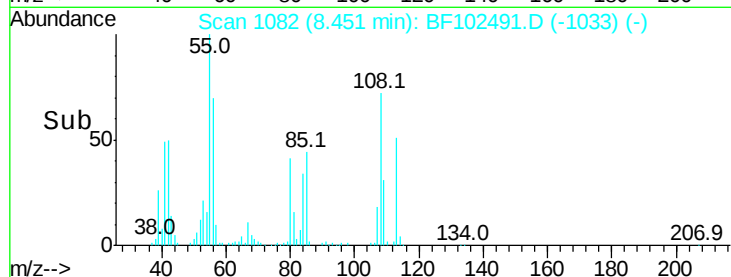
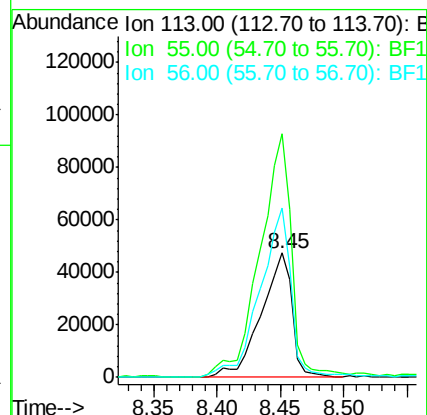
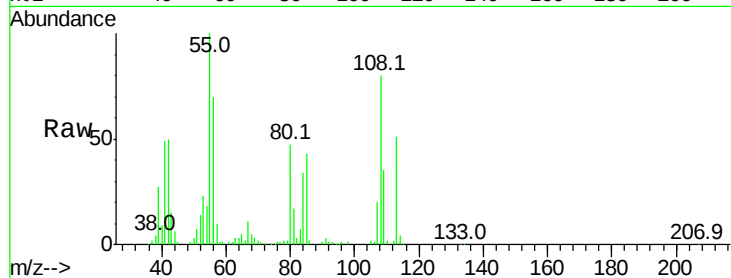




#35
 Caprolactam
 Concen: 26.740 ng
 RT: 8.45 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF102491.D
 Acq: 27 Jan 2018 2:42

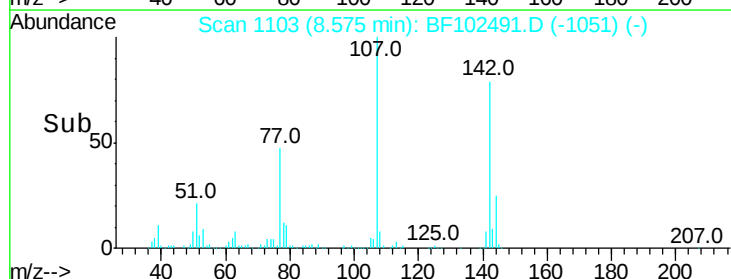
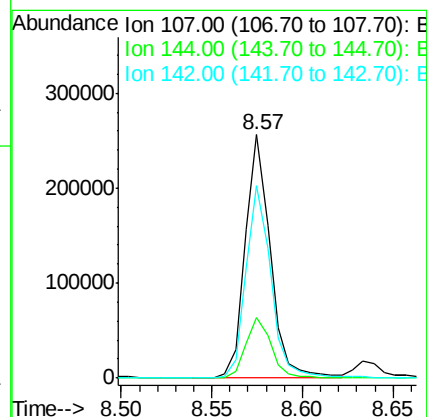
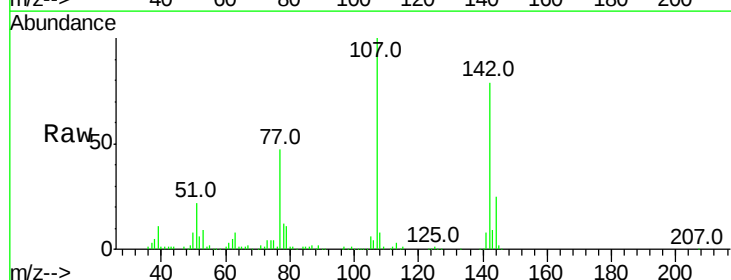
Instrument :
 BNA_F
 ClientSampleId :

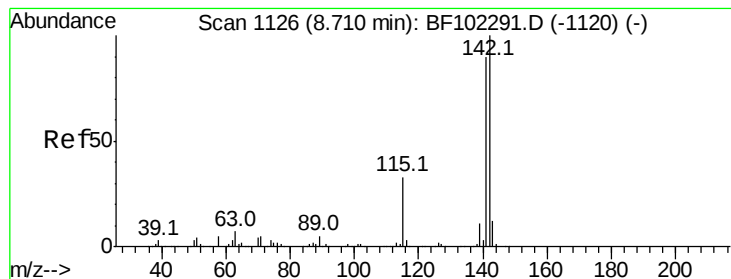
Tot Ion:113 Resp: 80660
 Ion Ratio Lower Upper
 113 100
 55 195.9 163.3 203.3
 56 136.4 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 25.615 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF102491.D
 Acq: 27 Jan 2018 2:42

Tgt Ion:107 Resp: 246605
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.5 30.7
 142 79.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 27.926 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Instrument :

BNA_F

ClientSampleId :

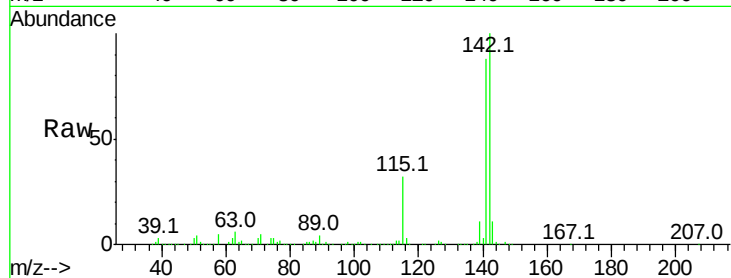
Tot Ion:142 Resp: 611783

Ion Ratio Lower Upper

142 100

141 87.6 70.8 106.2

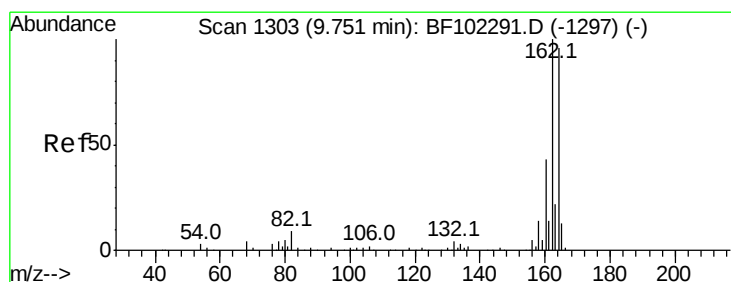
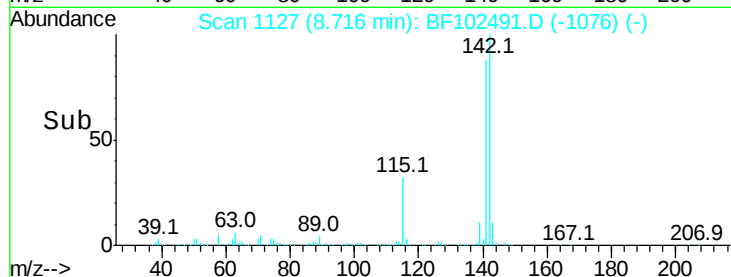
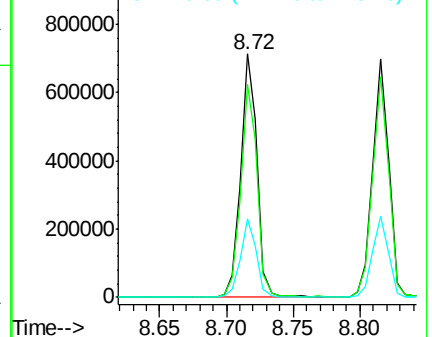
115 32.2 26.1 39.1



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. 0.00 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

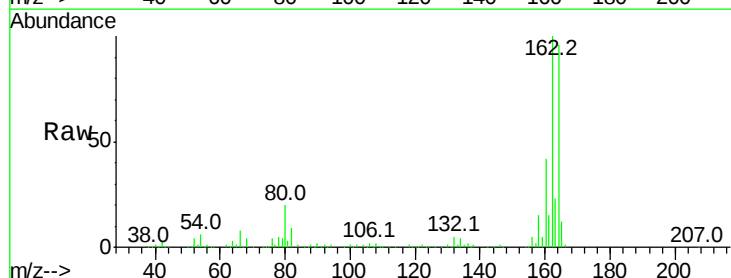
Tgt Ion:164 Resp: 266401

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

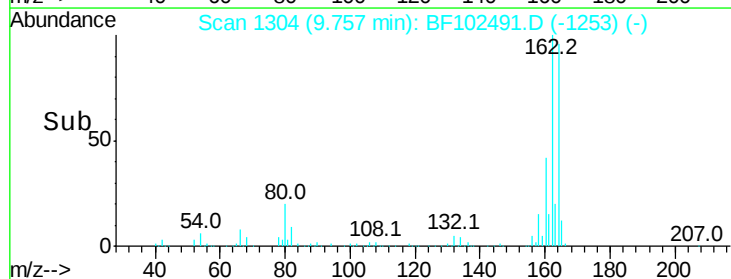
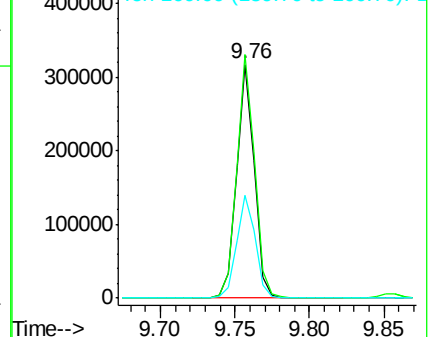
160 44.3 38.3 57.5

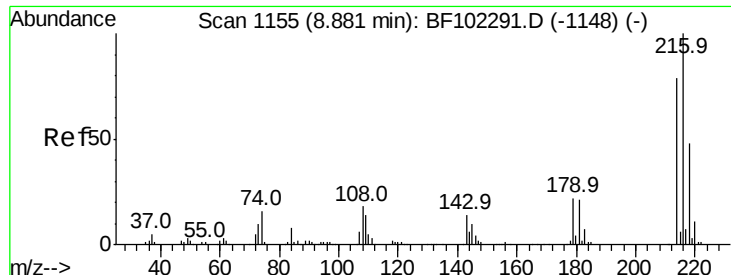


Abundance Ion 164.00 (163.70 to 164.70): E

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: 29.326 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 235045

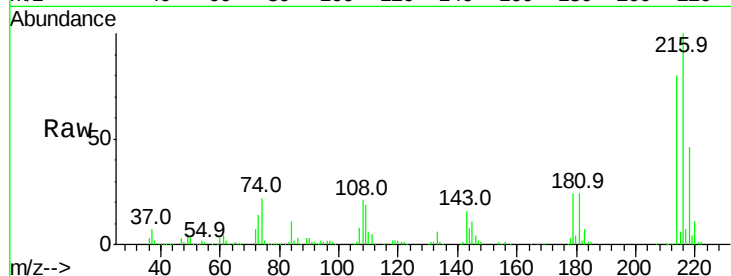
Ion Ratio Lower Upper

216 100

214 78.2 63.0 94.4

179 22.7 18.1 27.1

108 21.4 17.2 25.8

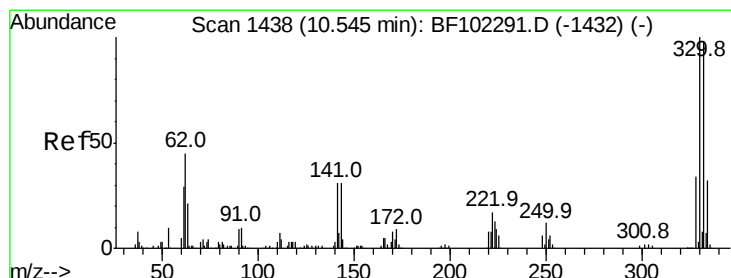
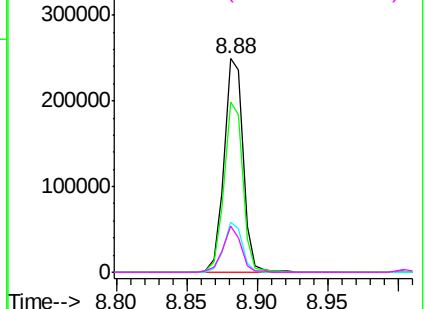
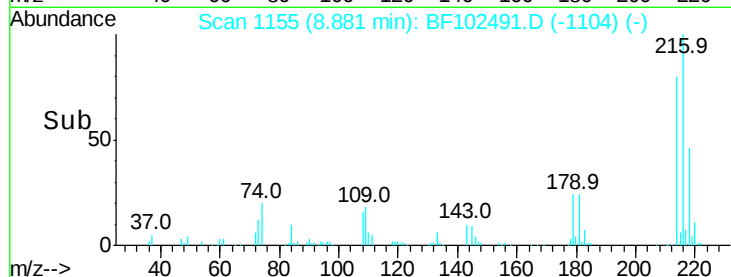


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

2,4,6-Tribromophenol

Concen: 33.851 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

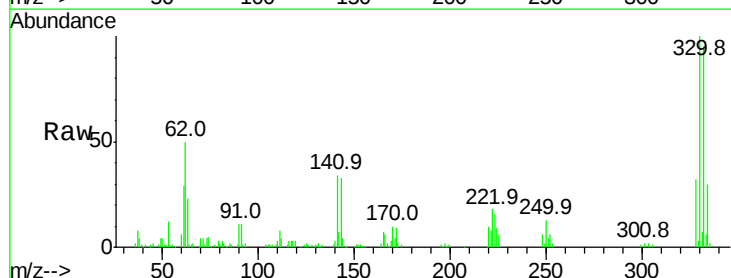
Tgt Ion:330 Resp: 89356

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

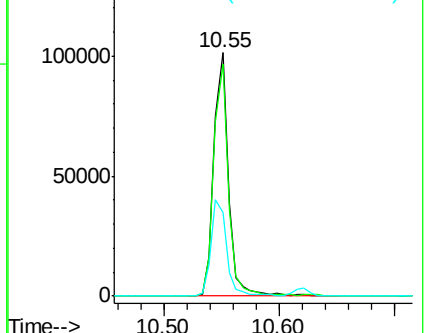
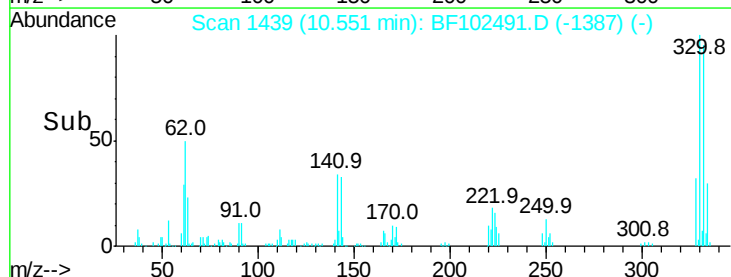
141 41.9 29.9 44.9

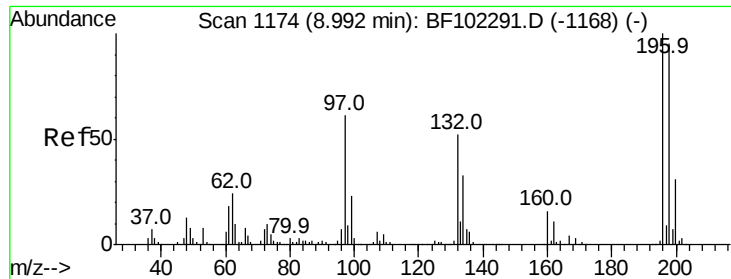


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 22.820 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Instrument :

BNA_F

ClientSampleId :

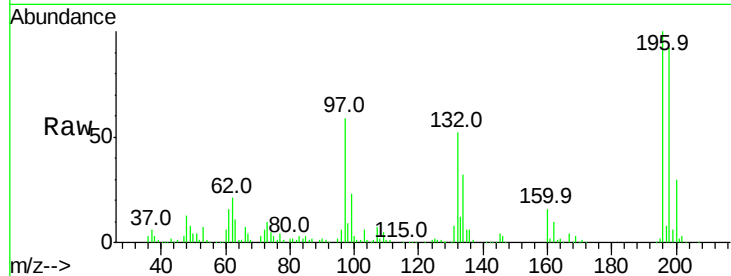
Tot Ion:196 Resp: 122441

Ion Ratio Lower Upper

196 100

198 92.5 75.7 113.5

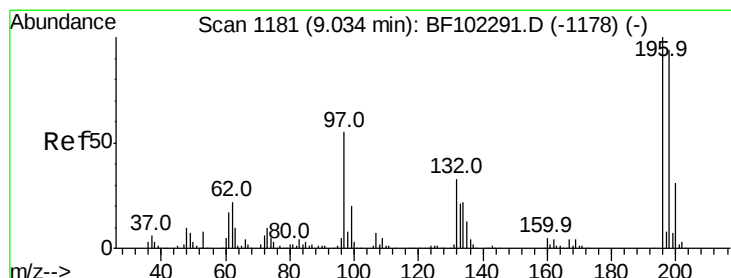
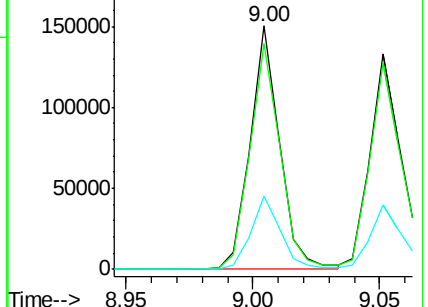
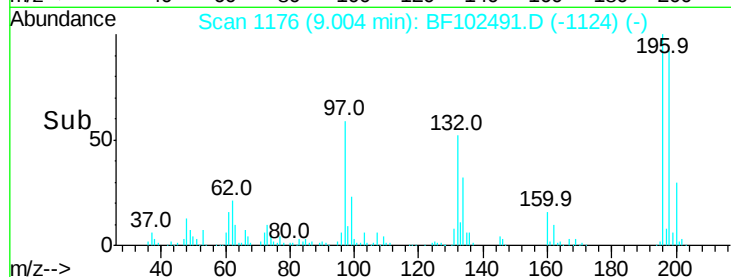
200 30.0 24.5 36.7



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: 20.945 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Tgt Ion:196 Resp: 126532

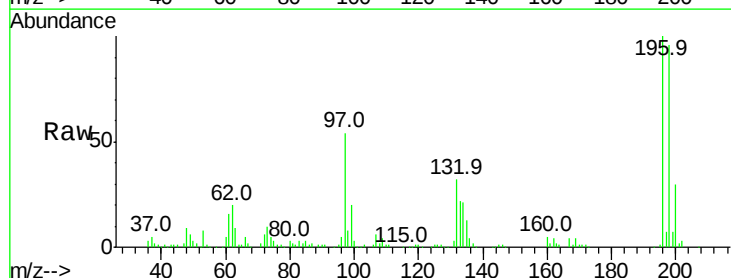
Ion Ratio Lower Upper

196 100

198 95.7 74.6 112.0

97 54.5 42.9 64.3

132 31.8 26.3 39.5

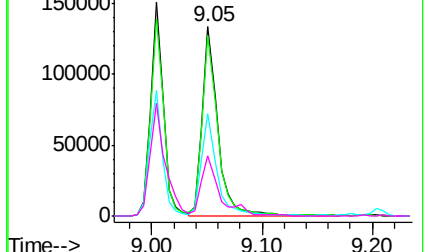
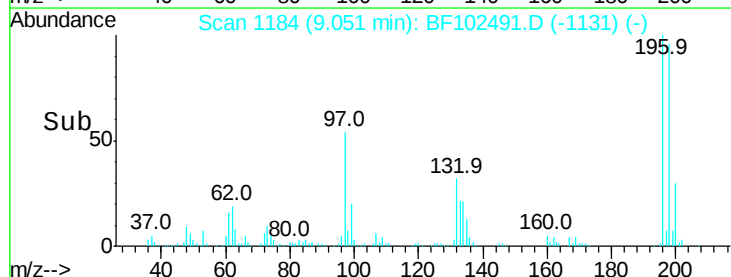


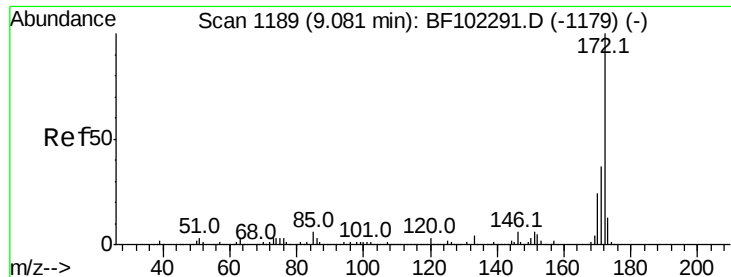
Abundance Ion 196.00 (195.70 to 196.70): E

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

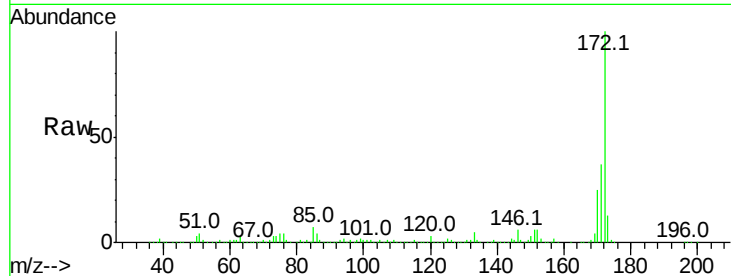




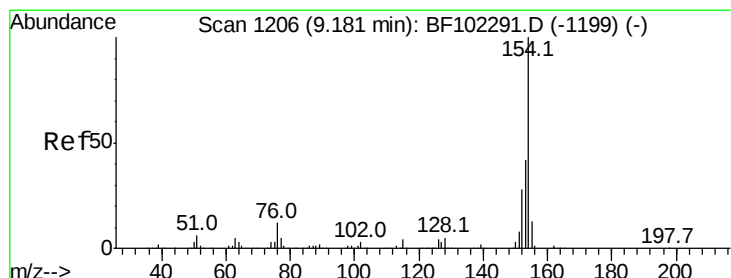
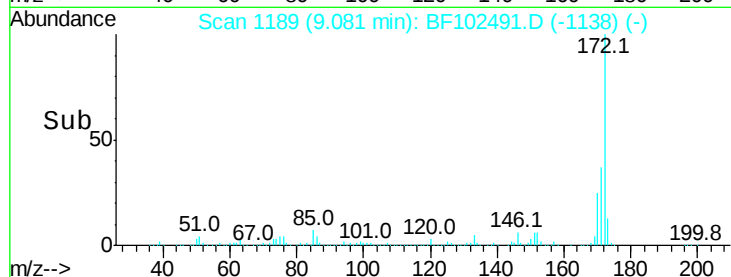
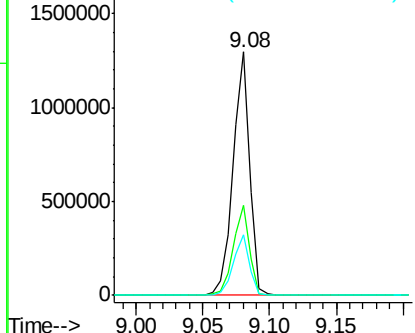
#44
2-Fluorobiphenyl
Concen: 62.958 ng
RT: 9.08 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1140676
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.7 19.6 29.4

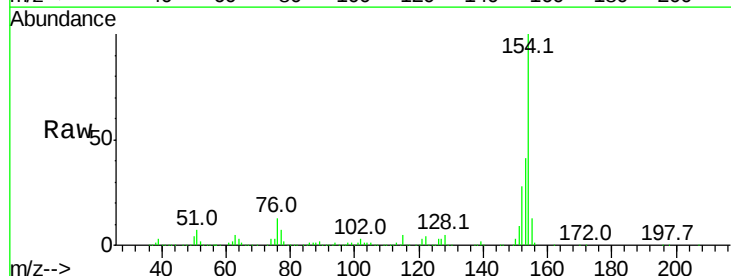


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

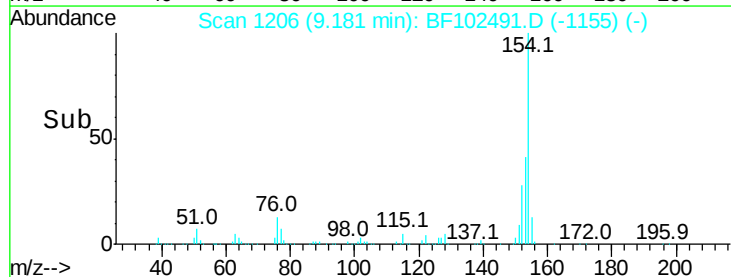
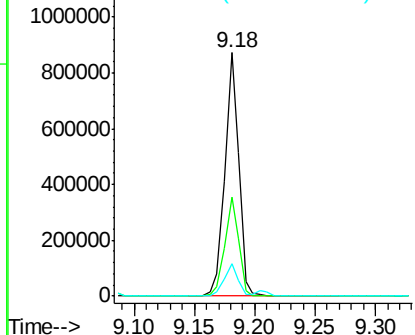


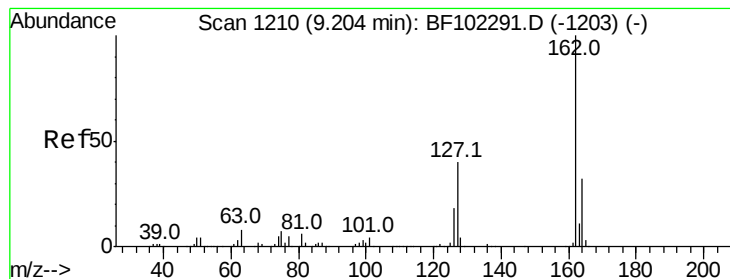
#45
1,1'-Biphenyl
Concen: 29.337 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Tgt Ion:154 Resp: 698826
Ion Ratio Lower Upper
154 100
153 40.8 21.3 61.3
76 13.3 0.0 34.0



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





#46

2-Chloronaphthalene

Concen: 28.264 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Instrument :

BNA_F

ClientSampleId :

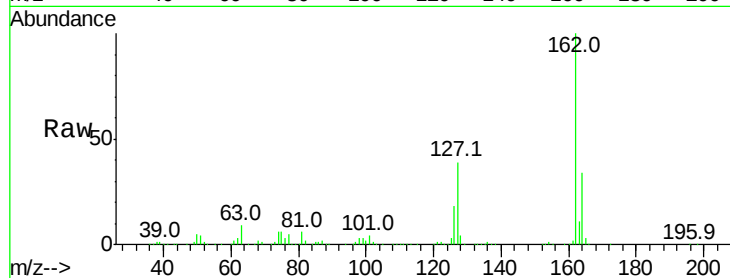
Tot Ion:162 Resp: 523314

Ion Ratio Lower Upper

162 100

127 38.7 33.9 50.9

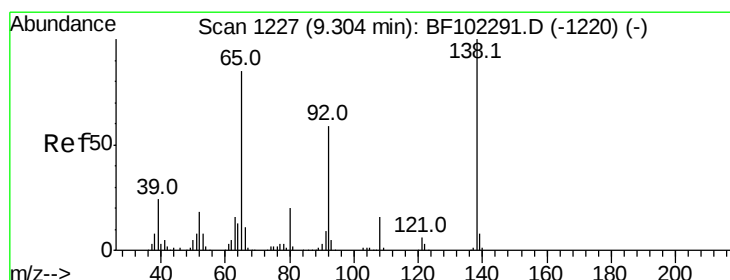
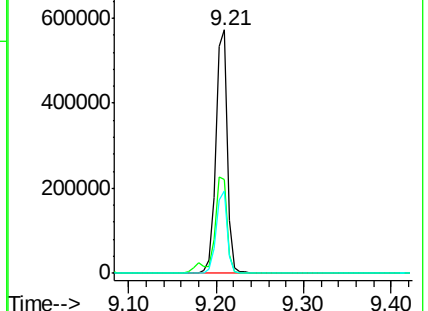
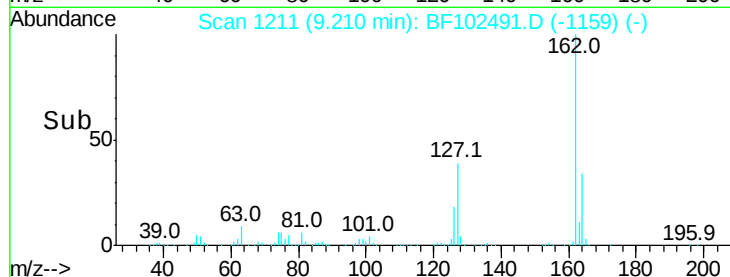
164 33.6 26.5 39.7



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: 23.082 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

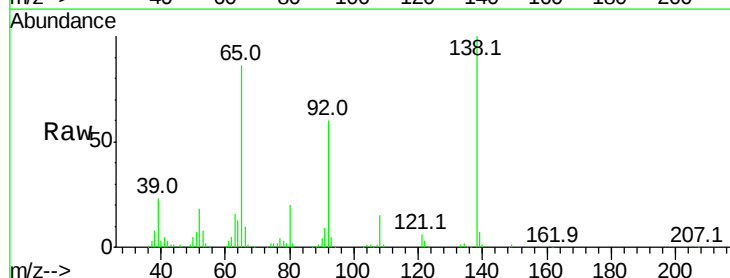
Tgt Ion: 65 Resp: 133238

Ion Ratio Lower Upper

65 100

92 69.2 55.8 83.6

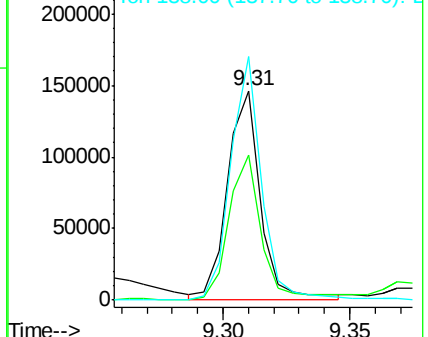
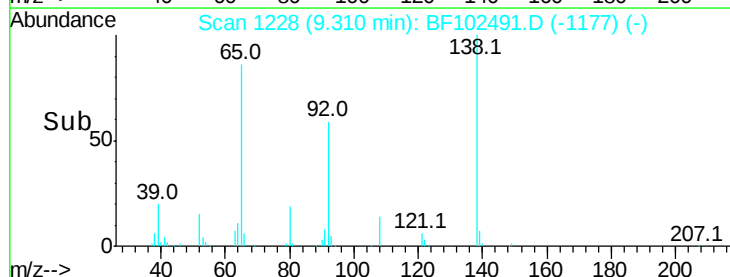
138 116.2 91.2 136.8

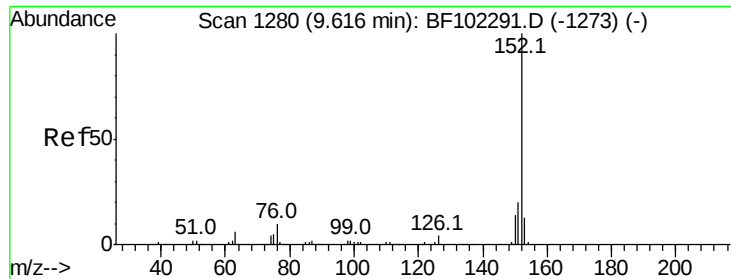


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

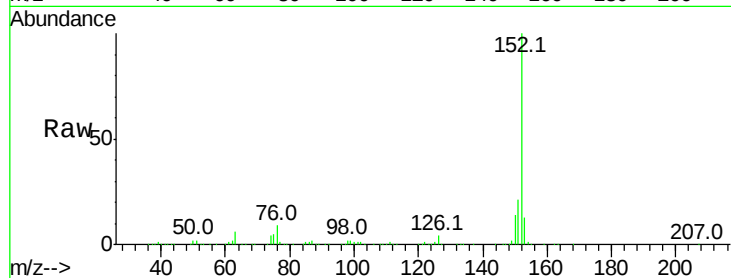




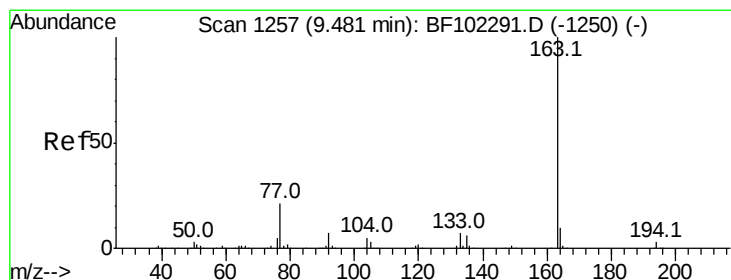
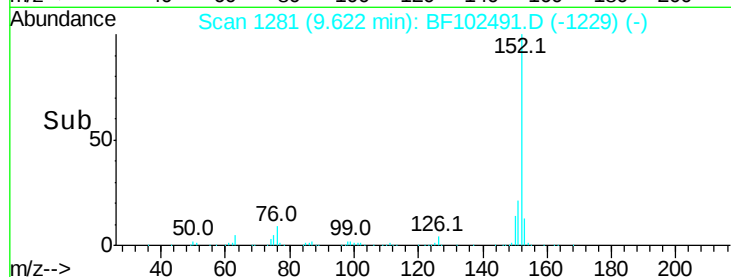
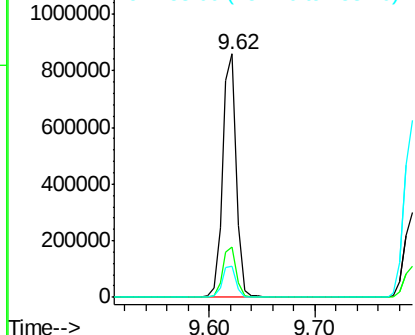
#48
Acenaphthylene
Concen: 27.111 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 782043
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 12.8 10.7 16.1

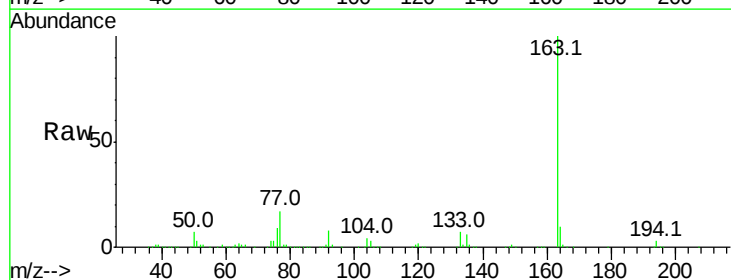


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

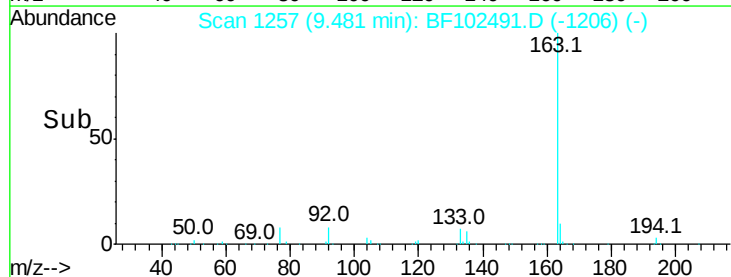
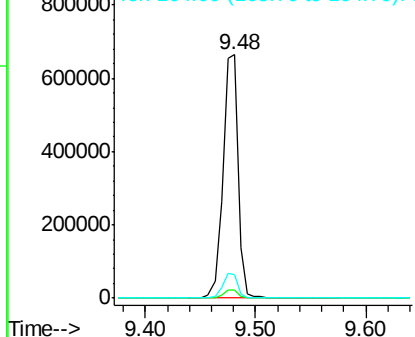


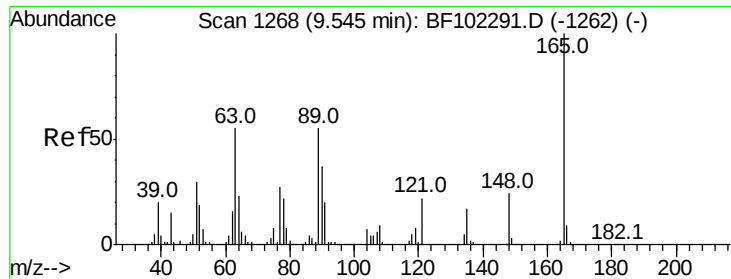
#49
Dimethylphthalate
Concen: 28.972 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Tgt Ion:163 Resp: 637964
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.6 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

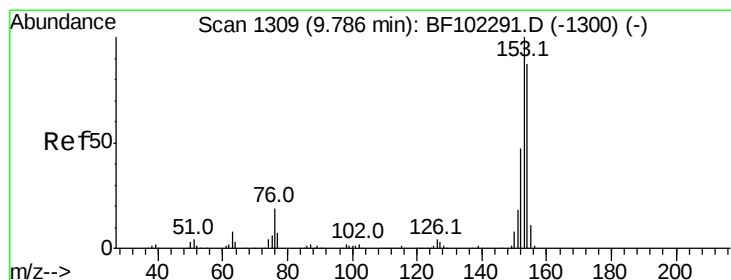
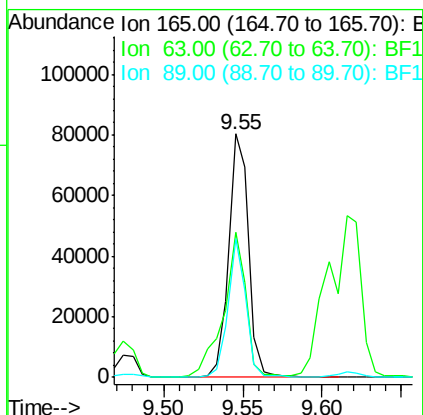
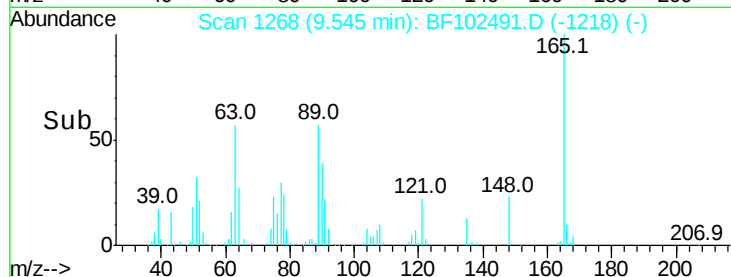
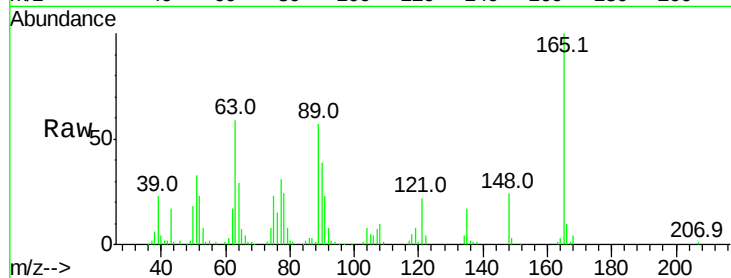




#50
 2,6-Dinitrotoluene
 Concen: 14.716 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF102491.D
 Acq: 27 Jan 2018 2:42

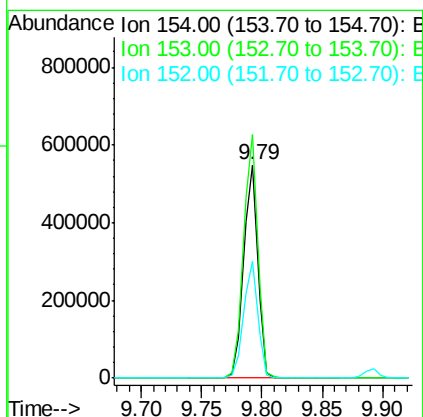
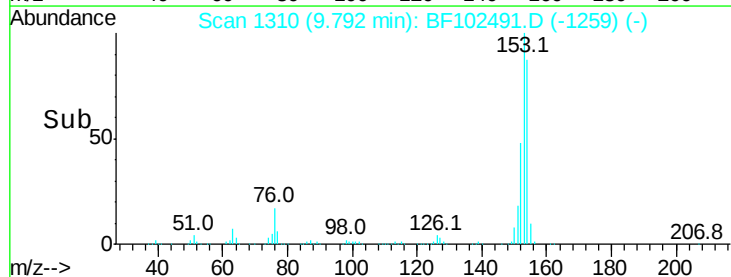
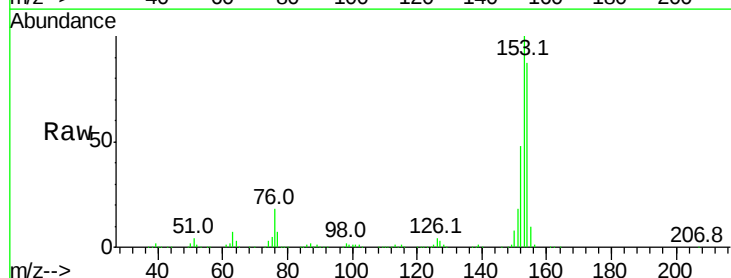
Instrument :
 BNA_F
 ClientSampleId :

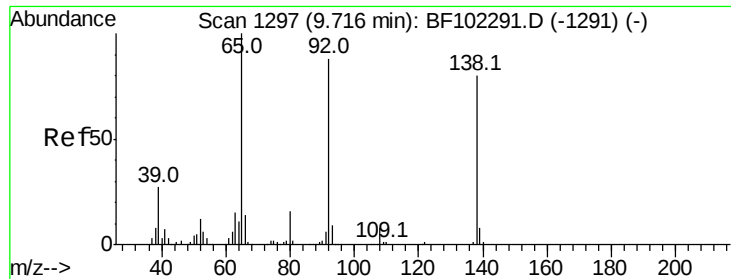
Tot Ion:165 Resp: 69866
 Ion Ratio Lower Upper
 165 100
 63 59.4 44.7 67.1
 89 56.8 44.0 66.0



#51
 Acenaphthene
 Concen: 27.030 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF102491.D
 Acq: 27 Jan 2018 2:42

Tgt Ion:154 Resp: 455360
 Ion Ratio Lower Upper
 154 100
 153 114.3 91.2 136.8
 152 54.8 43.8 65.8

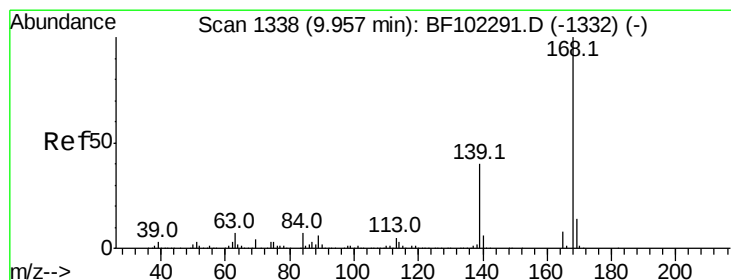
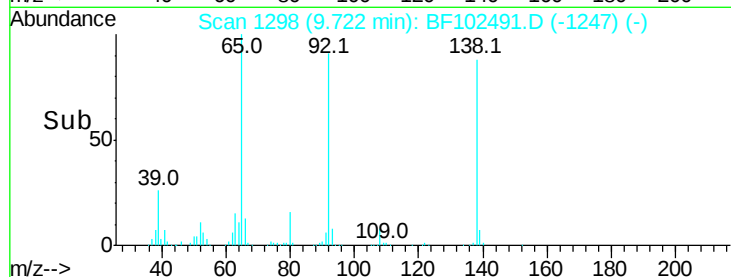
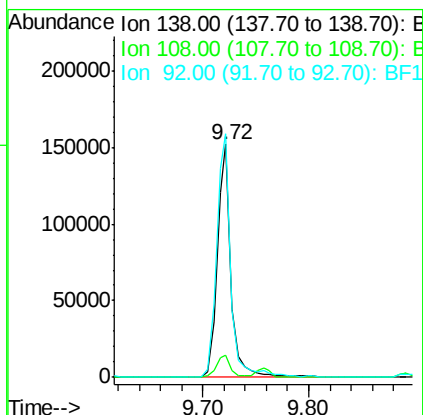
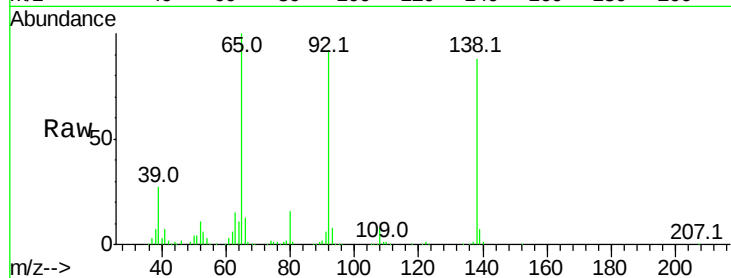




#52
3-Nitroaniline
Concen: 24.989 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

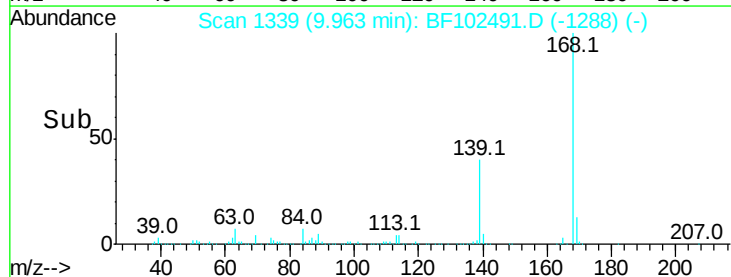
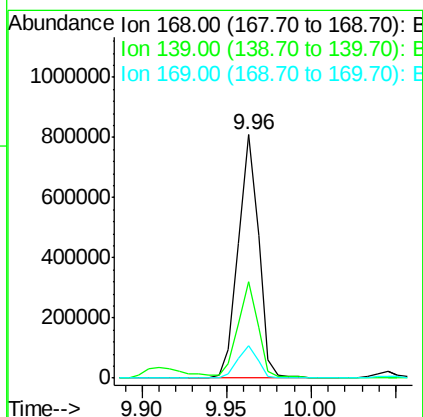
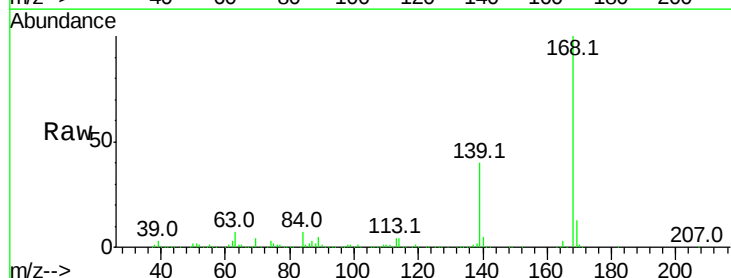
Instrument :
BNA_F
ClientSampleId :

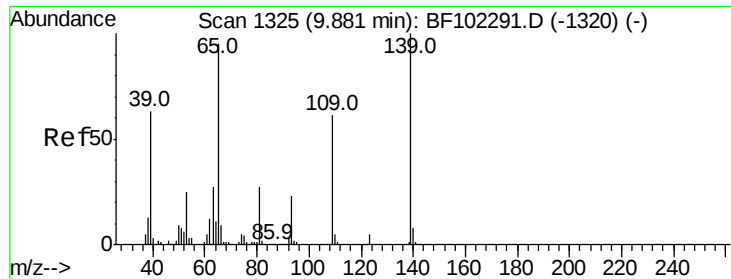
Tot Ion:138 Resp: 140344
Ion Ratio Lower Upper
138 100
108 9.6 9.4 14.0
92 104.6 89.4 134.2



#54
Dibenzofuran
Concen: 29.787 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Tgt Ion:168 Resp: 679148
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1
169 13.2 10.9 16.3





#55

4-Nitrophenol

Concen: 15.977 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.02 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Instrument :
BNA_F
ClientSampleId :

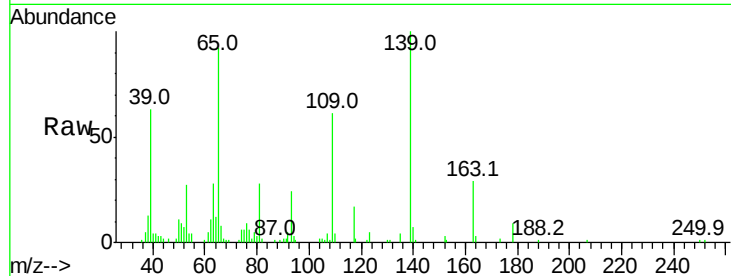
Tot Ion:139 Resp: 59231

Ion Ratio Lower Upper

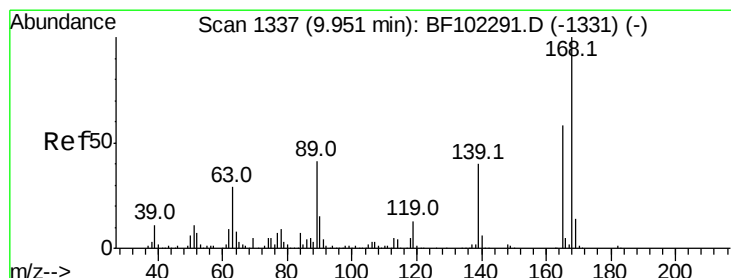
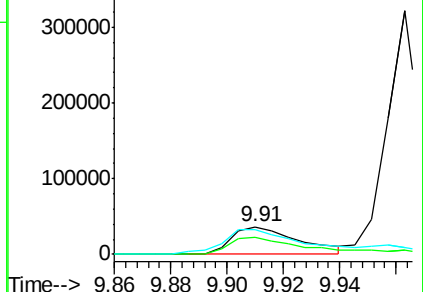
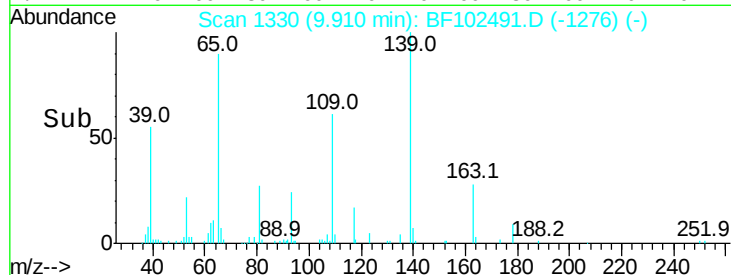
139 100

109 60.7 48.4 88.4

65 91.9 72.6 112.6



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



#56

2,4-Dinitrotoluene

Concen: 11.101 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Tgt Ion:165 Resp: 64809

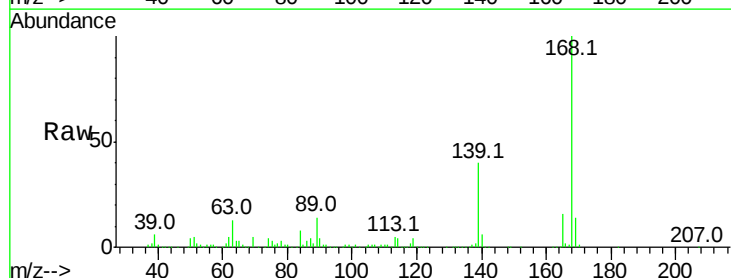
Ion Ratio Lower Upper

165 100

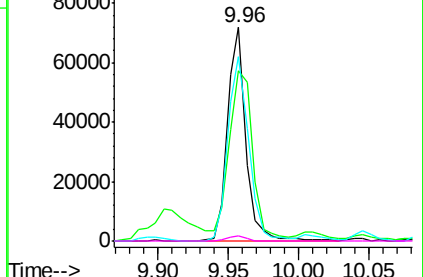
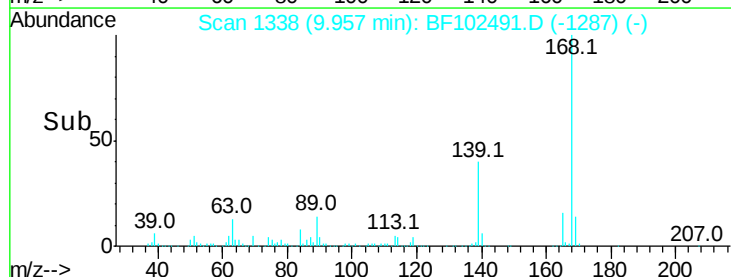
63 80.0 36.4 54.6#

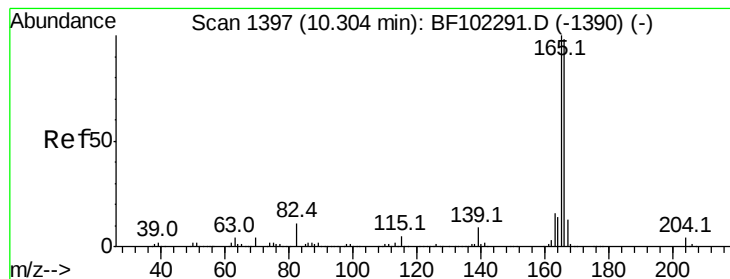
89 86.2 57.8 86.6

182 2.2 1.6 2.4



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





#57

Fluorene

Concen: 27.870 ng

RT: 10.30 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Instrument :

BNA_F

ClientSampleId :

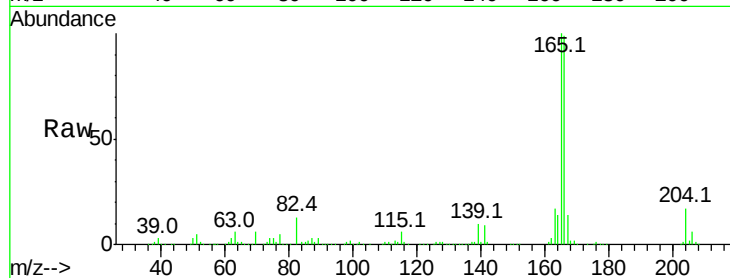
Tot Ion:166 Resp: 503518

Ion Ratio Lower Upper

166 100

165 101.1 79.8 119.8

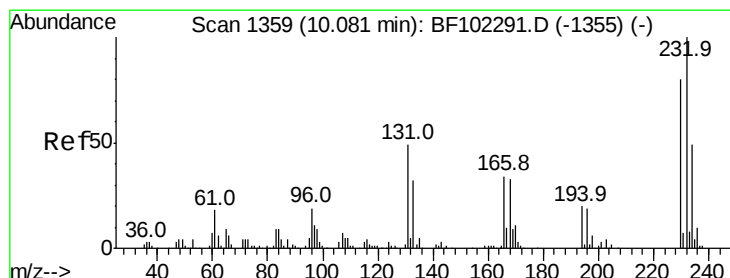
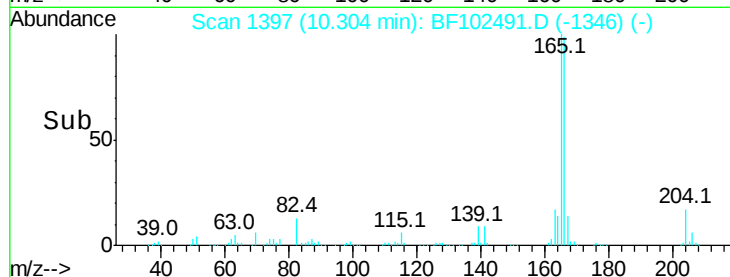
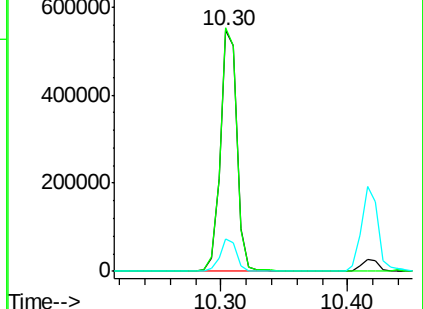
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 19.846 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Tgt Ion:232 Resp: 85602

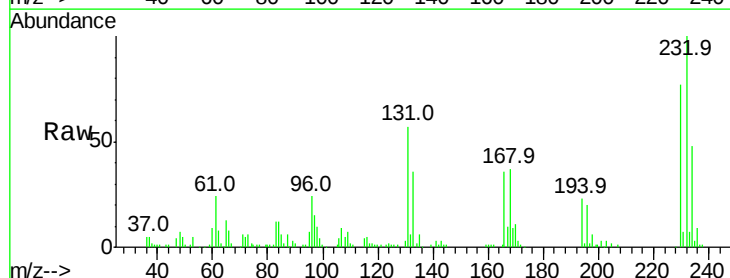
Ion Ratio Lower Upper

232 100

131 52.6 43.8 65.8

130 2.5 2.1 3.1

166 33.6 27.8 41.6

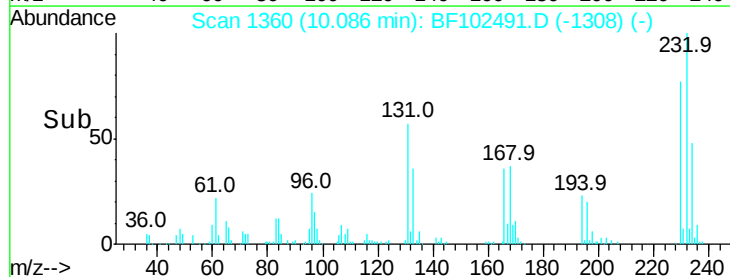
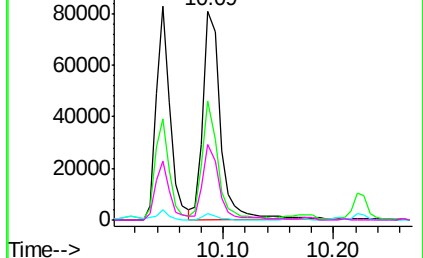


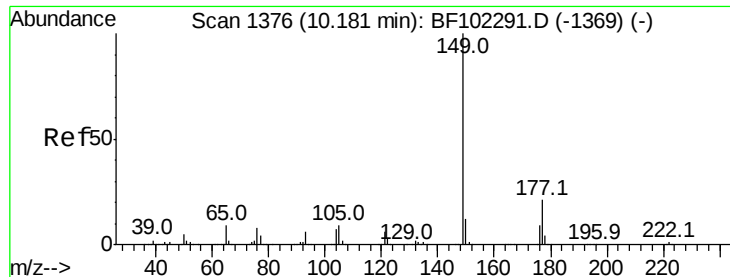
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

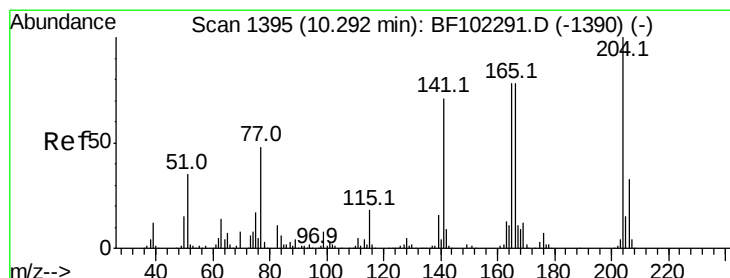
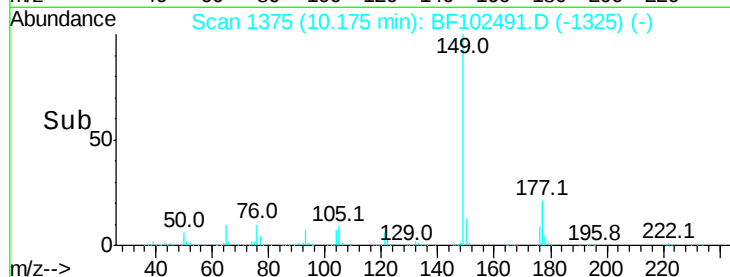
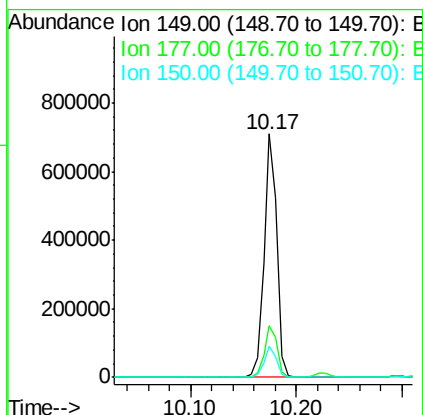
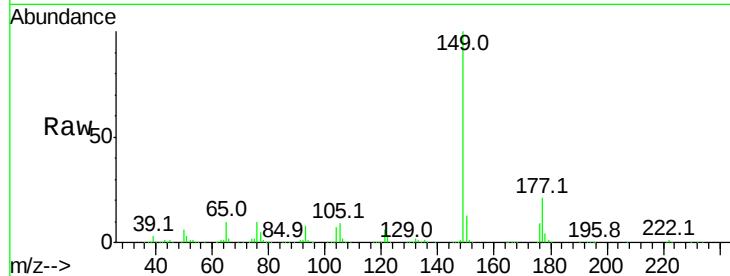




#59
Diethylphthalate
Concen: 28.275 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

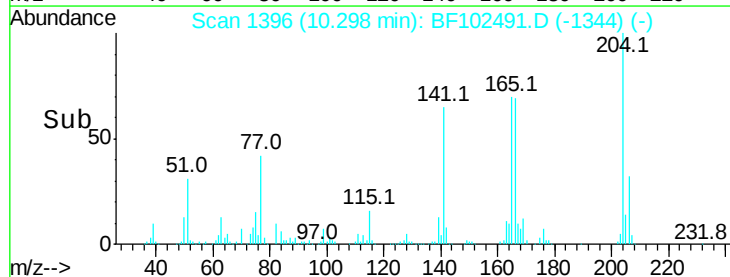
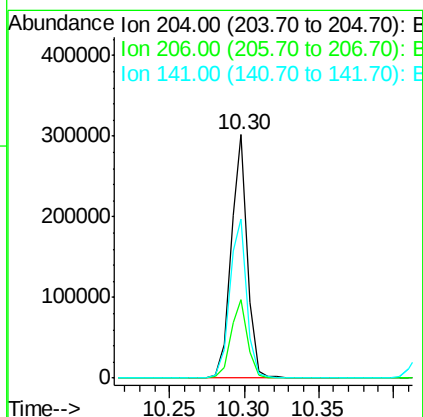
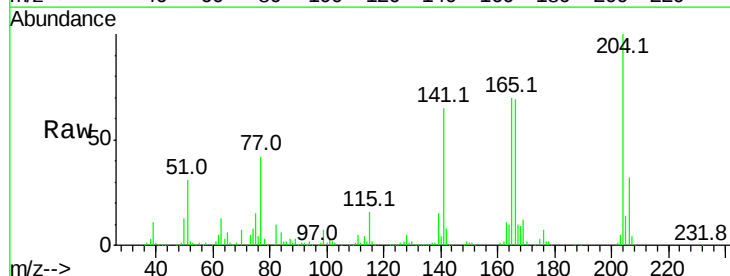
Instrument :
BNA_F
ClientSampleId :

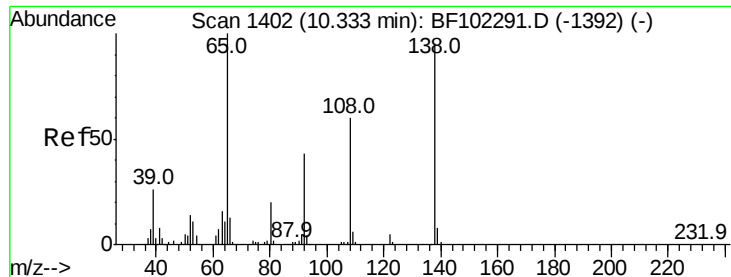
Tot Ion:149 Resp: 605015
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 29.741 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Tgt Ion:204 Resp: 232960
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 65.4 54.6 81.8

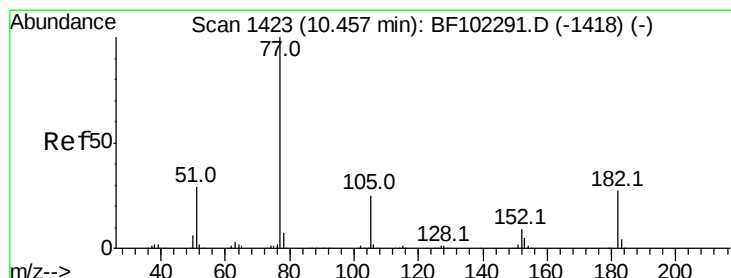
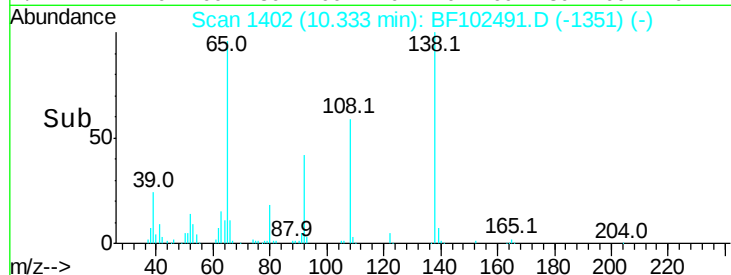
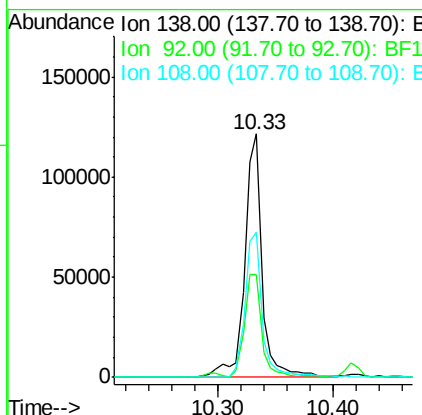
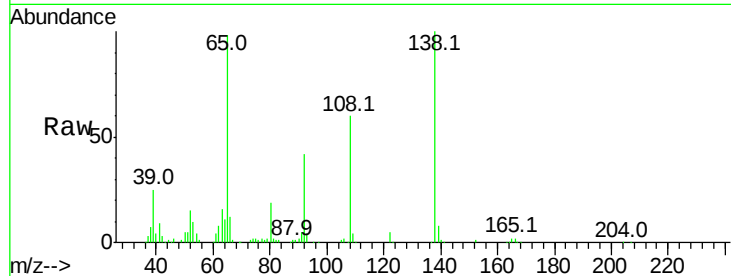




#61
4-Nitroaniline
Concen: 22.851 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

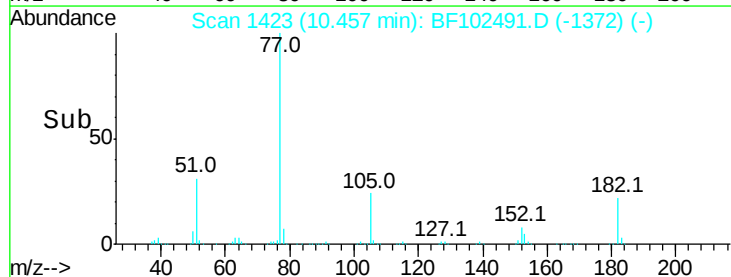
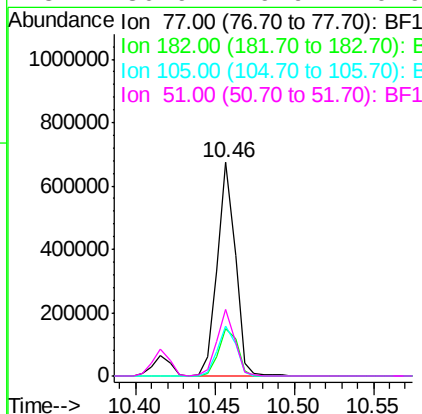
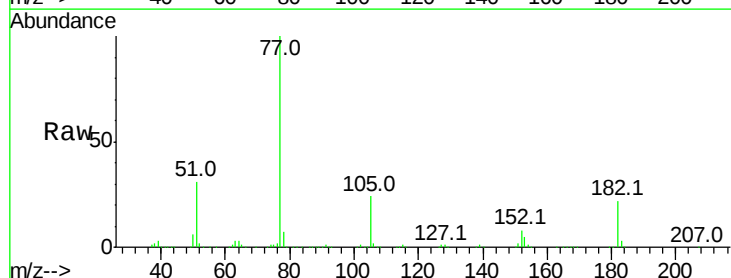
Instrument :
BNA_F
ClientSampleId :

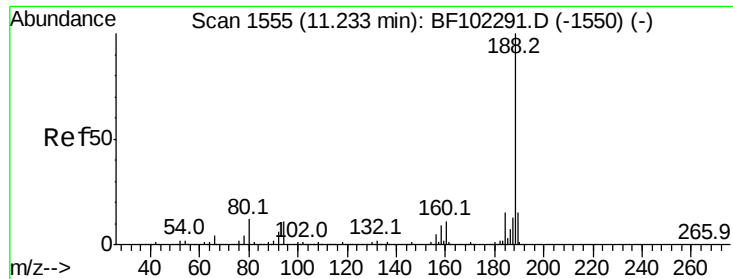
Tot Ion:138 Resp: 128059
Ion Ratio Lower Upper
138 100
92 42.4 30.2 70.2
108 59.5 52.5 92.5



#62
Azobenzene
Concen: 27.208 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Tgt Ion: 77 Resp: 533037
Ion Ratio Lower Upper
77 100
182 22.1 1.7 41.7
105 23.7 3.0 43.0
51 30.9 9.9 49.9

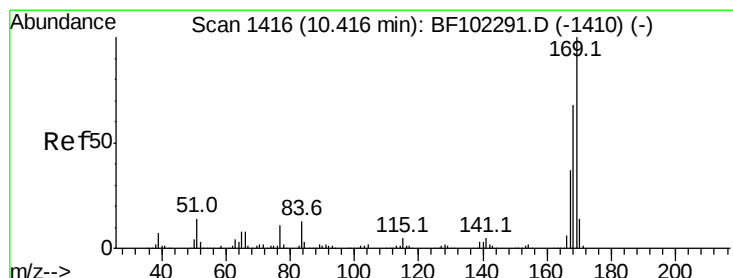
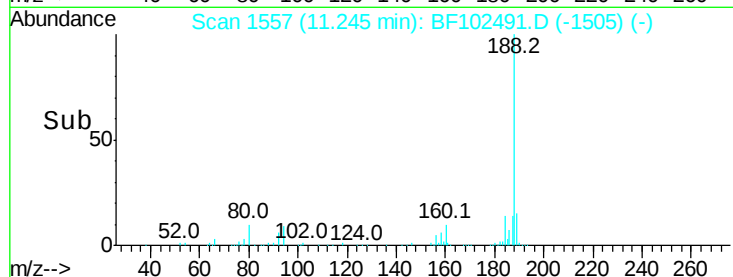
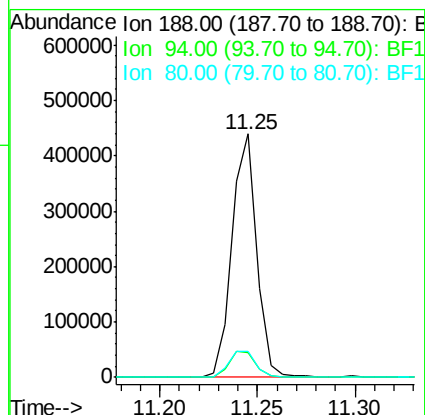
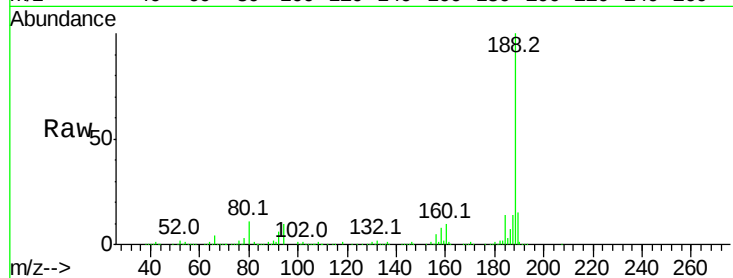




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

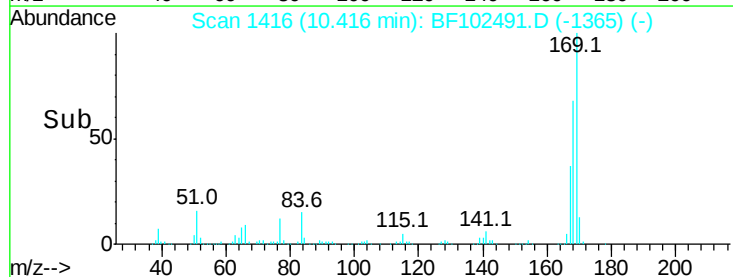
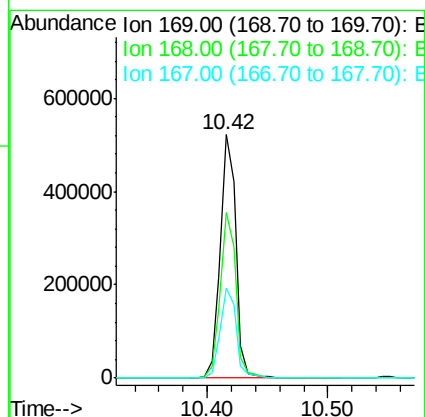
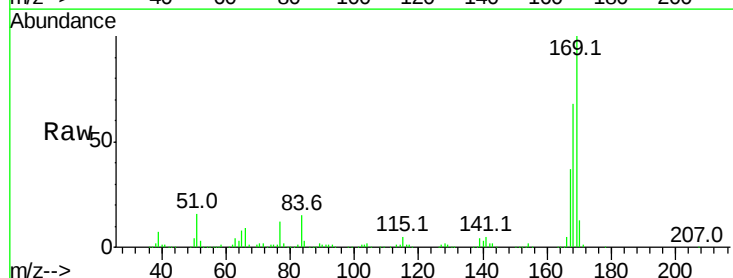
Instrument :
BNA_F
ClientSampled :

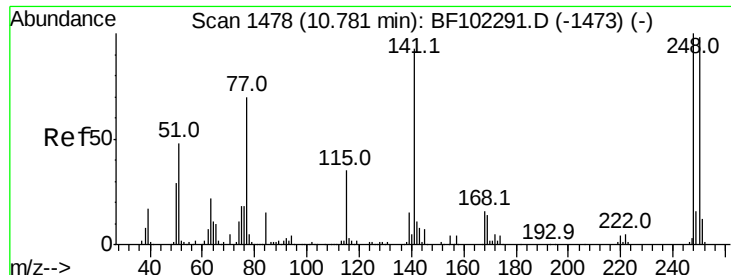
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.6	9.2	13.8



#65
n-Nitrosodiphenylamine
Concen: 32.365 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.4	81.6
167	37.2	29.8	44.6





#66

4-Bromophenyl-phenylether

Concen: 31.464 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Instrument :

BNA_F

ClientSampled :

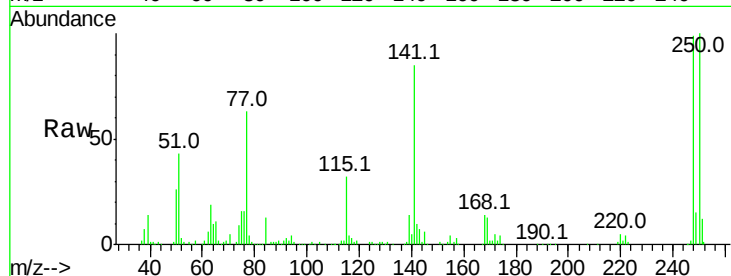
Tot Ion:248 Resp: 130826

Ion Ratio Lower Upper

248 100

250 101.1 76.9 115.3

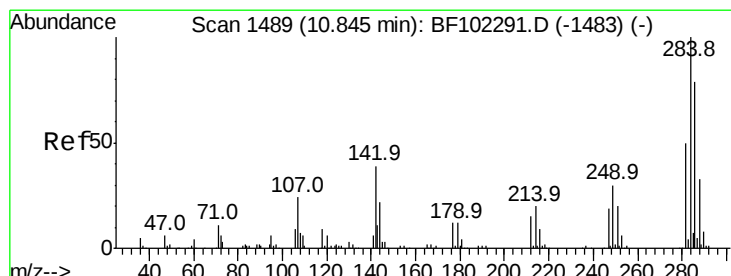
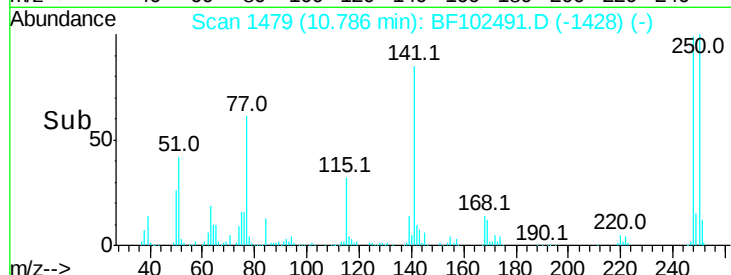
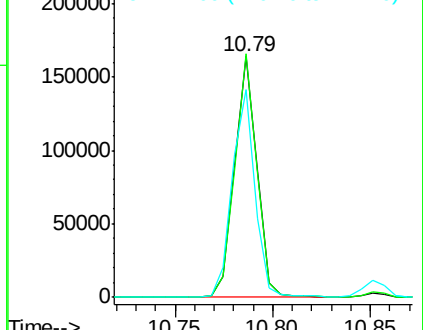
141 86.1 74.4 111.6



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: 26.408 ng

RT: 10.86 min Scan# 1491

Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

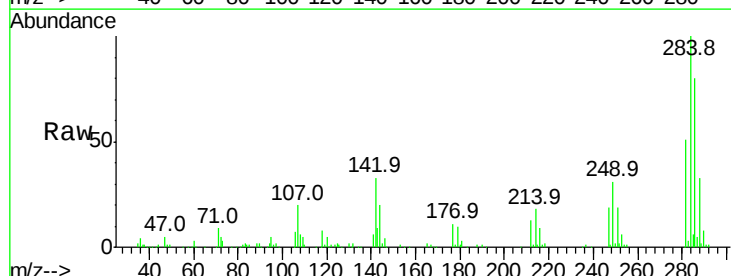
Tgt Ion:284 Resp: 122801

Ion Ratio Lower Upper

284 100

142 33.0 34.6 52.0#

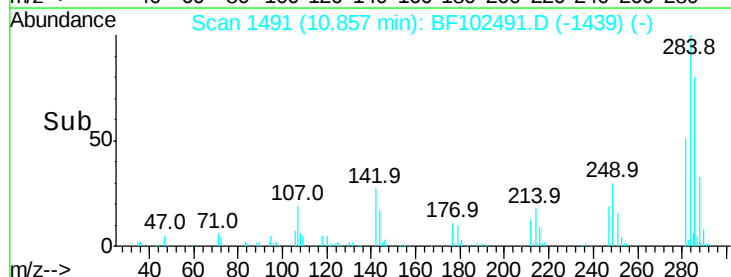
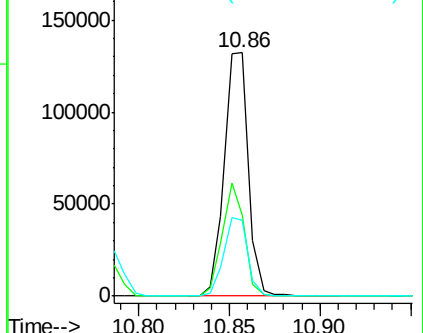
249 31.4 24.8 37.2

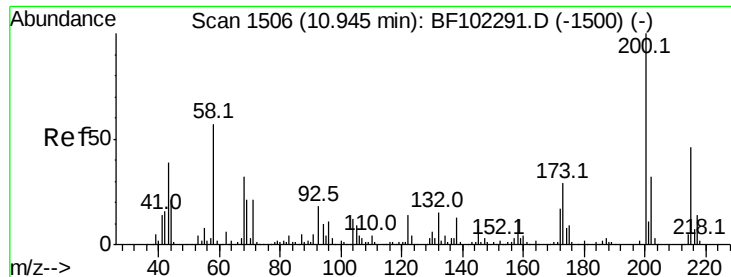


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

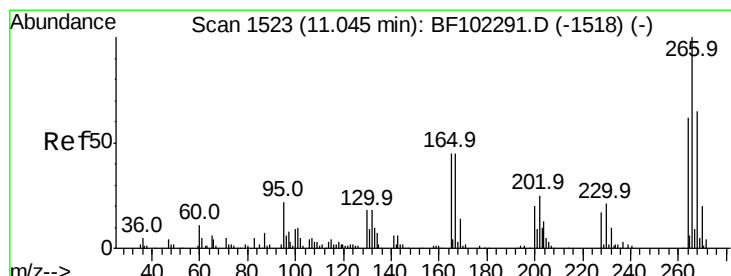
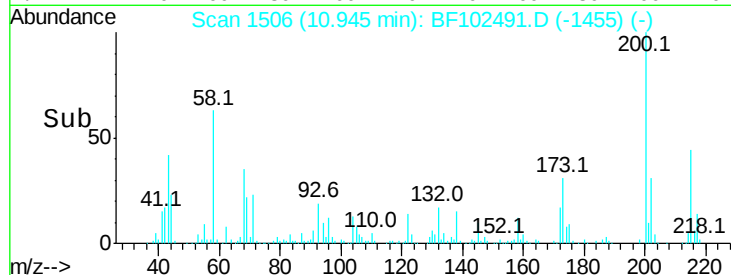
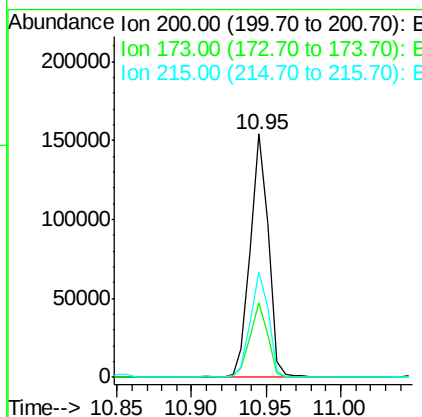
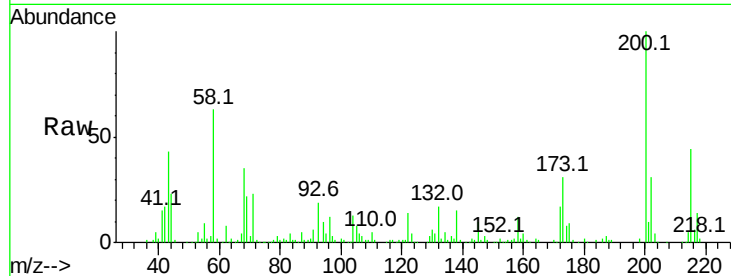




#68
Atrazine
Concen: 30.946 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

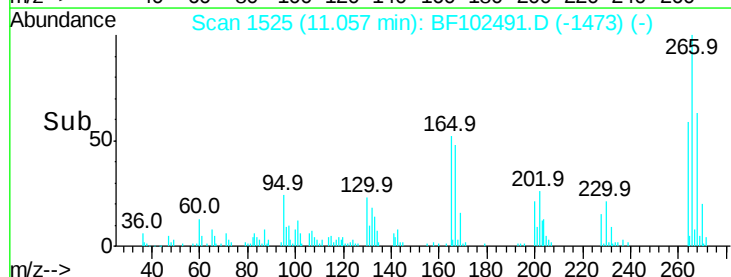
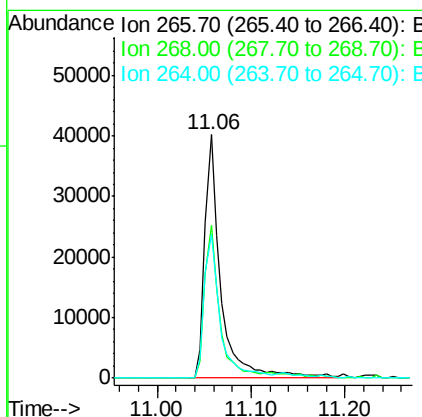
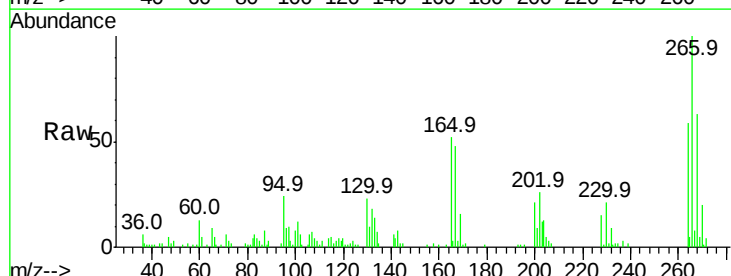
Instrument :
BNA_F
ClientSampleId :

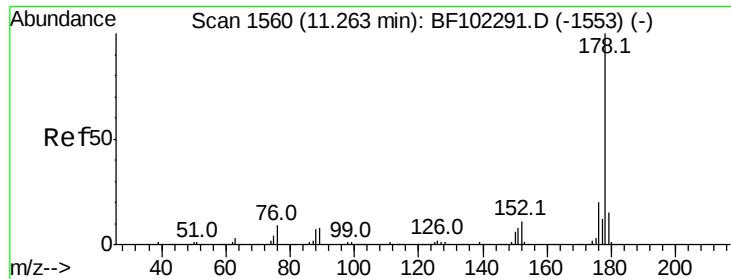
Tot Ion	Ratio	Lower	Upper
200	100		
173	30.7	8.6	48.6
215	43.5	25.1	65.1



#69
Pentachlorophenol
Concen: 19.811 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.1	76.7
264	58.9	49.5	74.3





#70

Phenanthrene

Concen: 28.307 ng

RT: 11.27 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

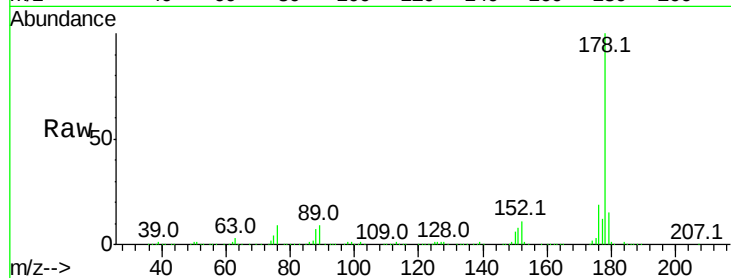
Instrument :

BNA_F

ClientSampled :

Tot Ion:178 Resp: 637130

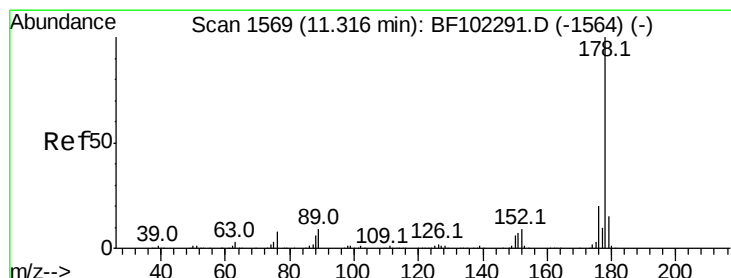
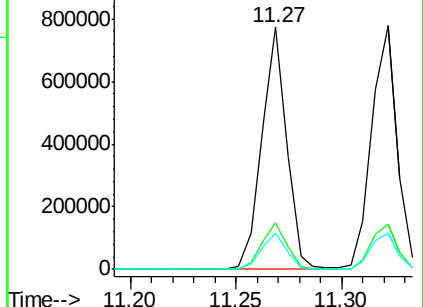
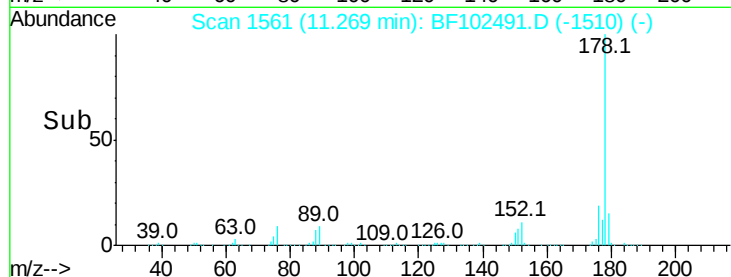
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.1	13.0	19.6



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: 29.099 ng

RT: 11.32 min Scan# 1570

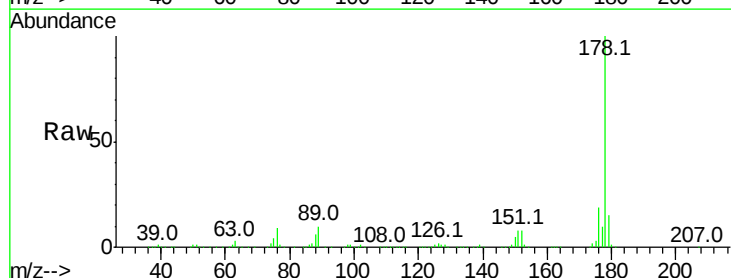
Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Tgt Ion:178 Resp: 668499

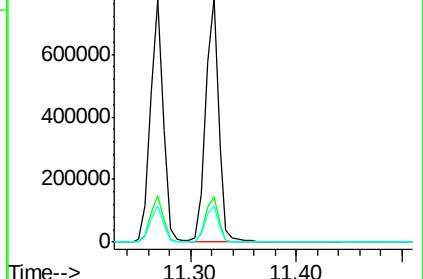
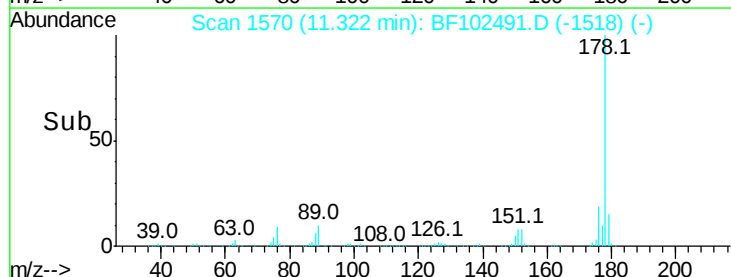
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.0	12.6	19.0

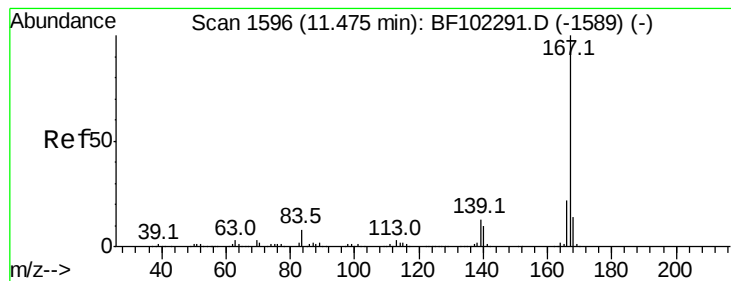


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 27.791 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

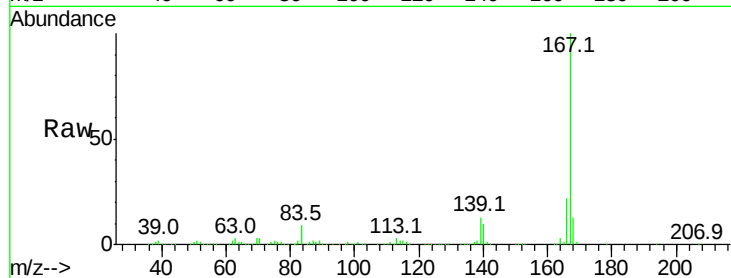
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 622867

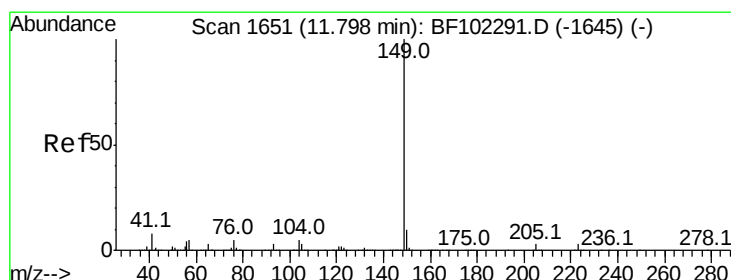
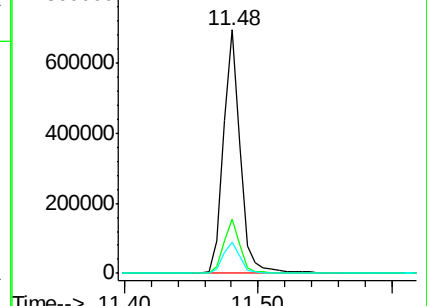
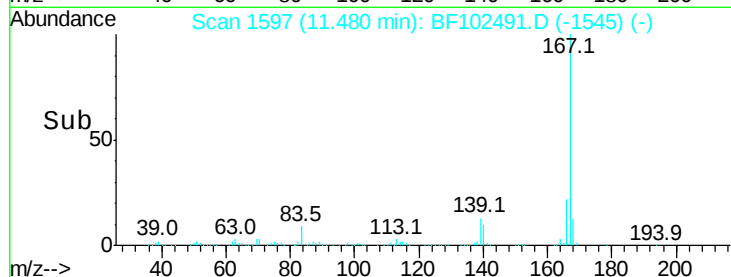
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	12.7	10.9	16.3



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: 30.975 ng

RT: 11.80 min Scan# 1652

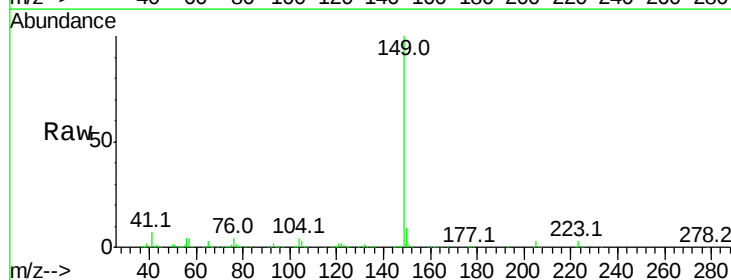
Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Tgt Ion:149 Resp: 867773

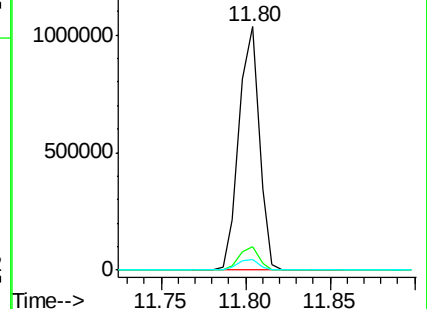
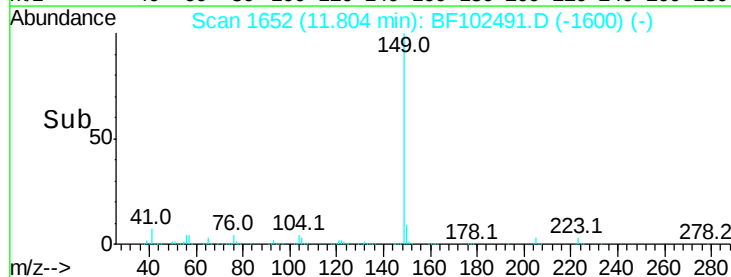
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.4	3.8	5.8

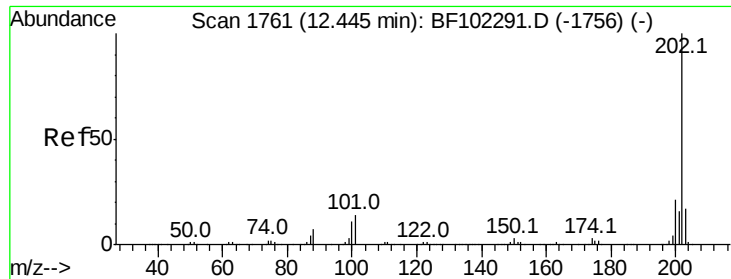


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

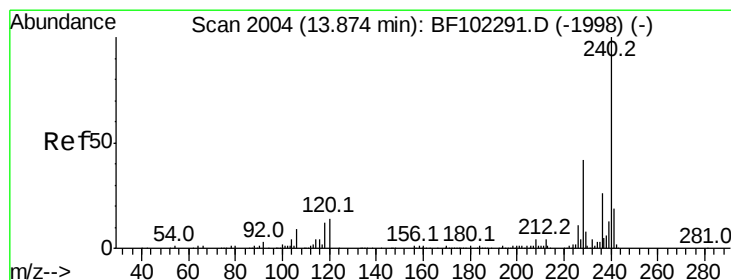
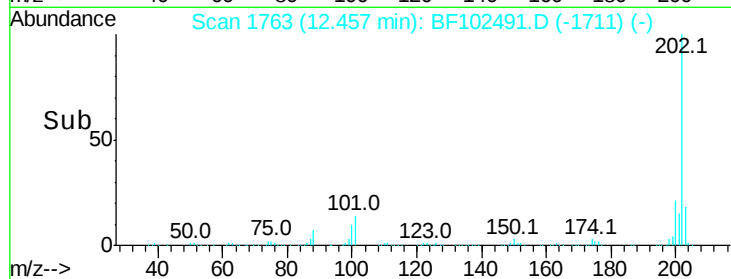
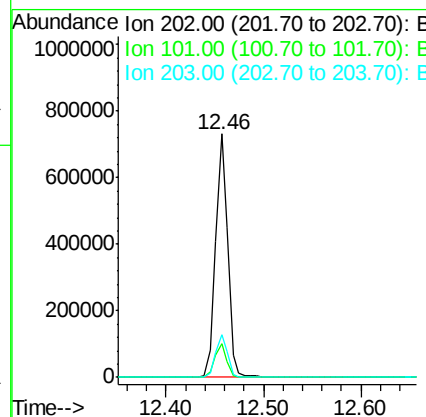
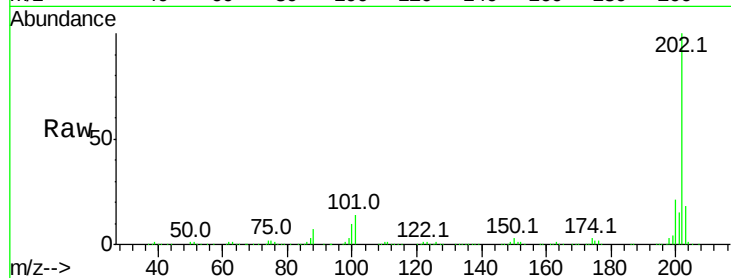




#74
Fluoranthene
 Concen: 27.585 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: BF102491.D
 Acq: 27 Jan 2018 2:42

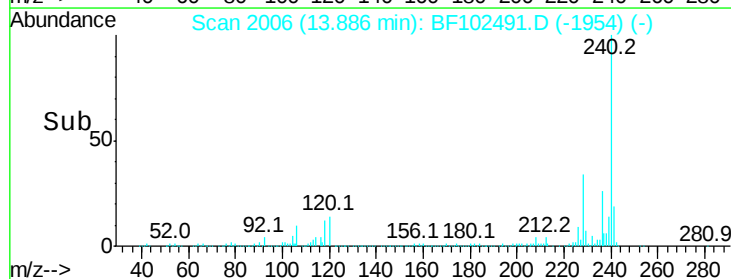
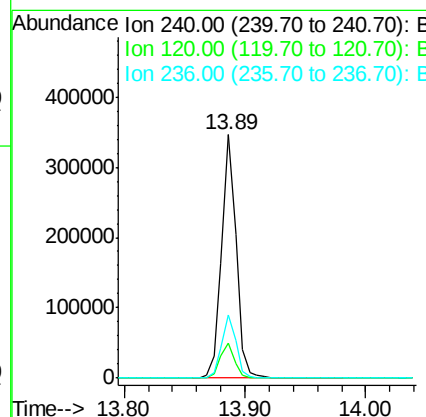
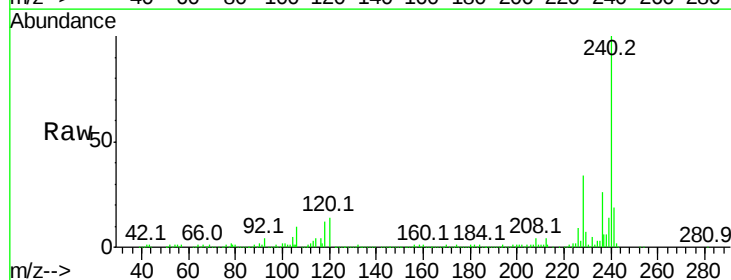
Instrument :
 BNA_F
 ClientSampleId :

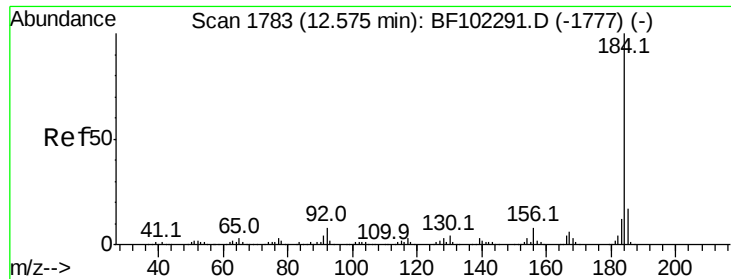
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	34.1
203	17.5	0.0	38.1



#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF102491.D
 Acq: 27 Jan 2018 2:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	25.7	20.7	31.1





#76

Benzidine

Concen: 23.538 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Instrument :

BNA_F

ClientSampleId :

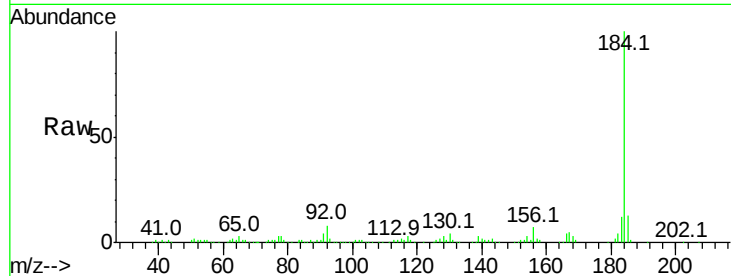
Tot Ion:184 Resp: 225705

Ion Ratio Lower Upper

184 100

185 13.2 12.6 18.8

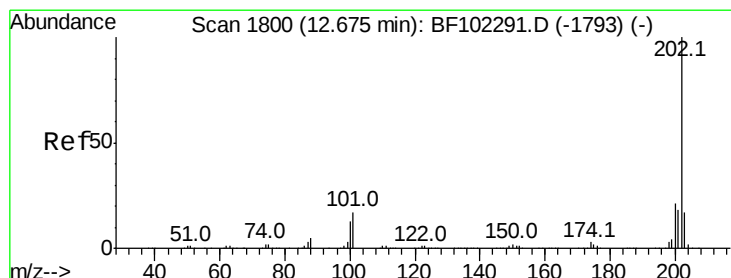
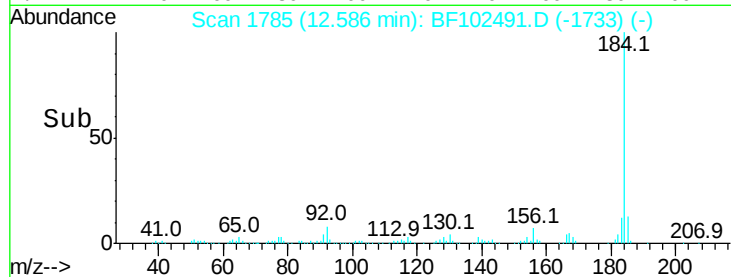
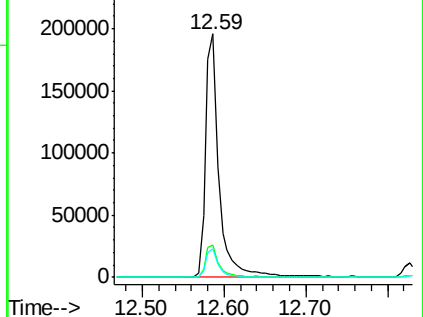
183 11.6 9.3 13.9



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

Pyrene

Concen: 28.900 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

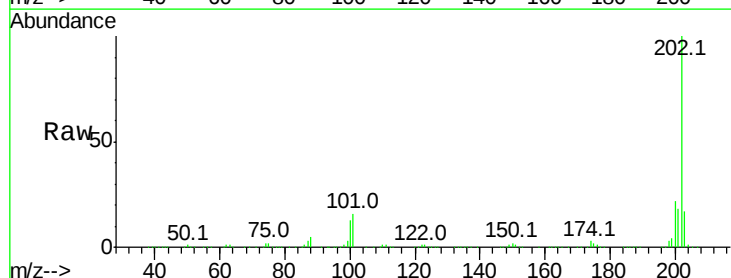
Tgt Ion:202 Resp: 637782

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

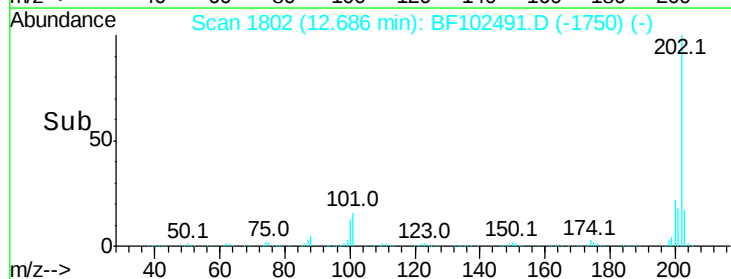
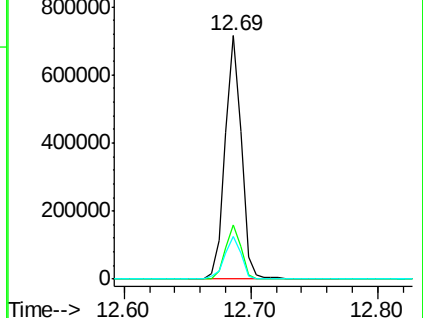
203 17.4 14.3 21.5

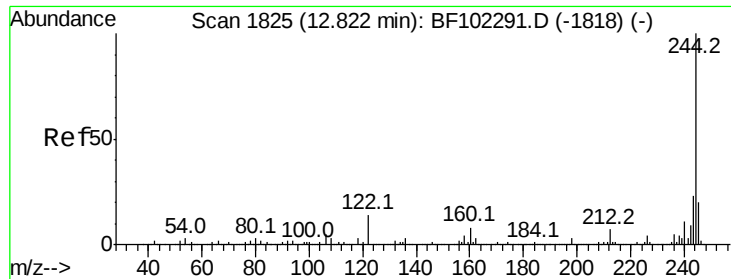


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

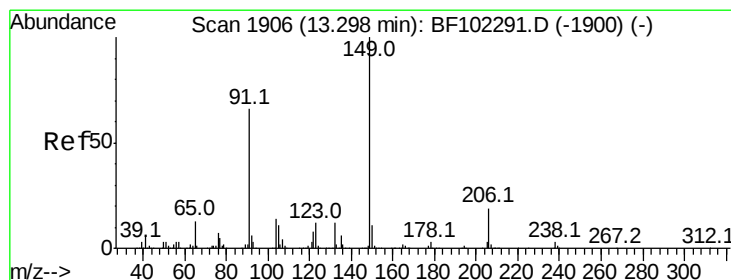
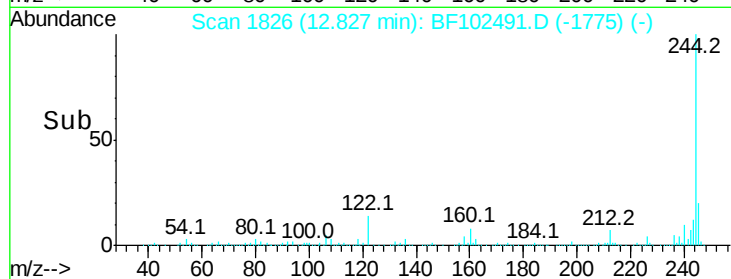
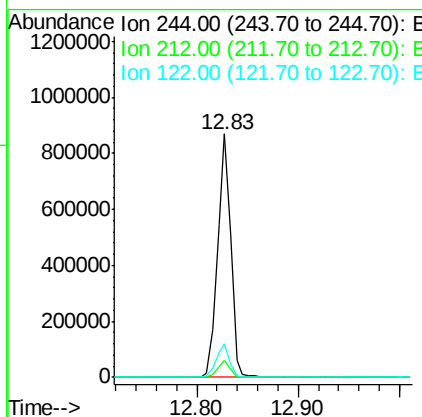
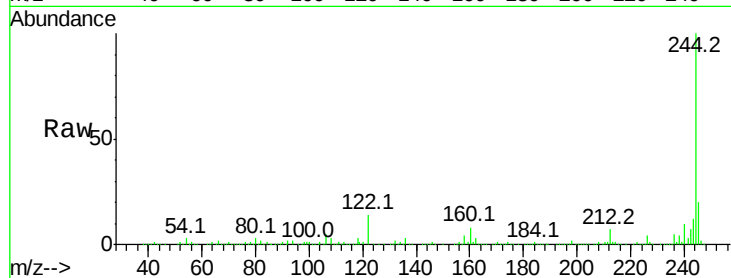




#78
 Terphenyl-d14
 Concen: 61.773 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF102491.D
 Acq: 27 Jan 2018 2:42

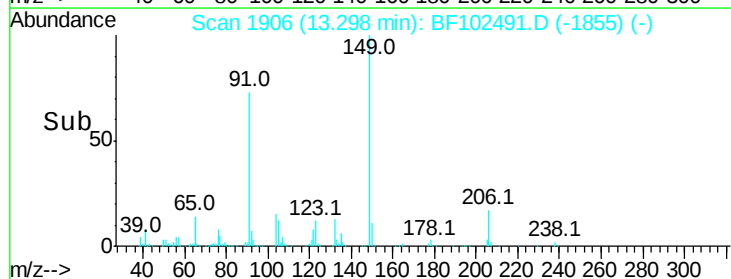
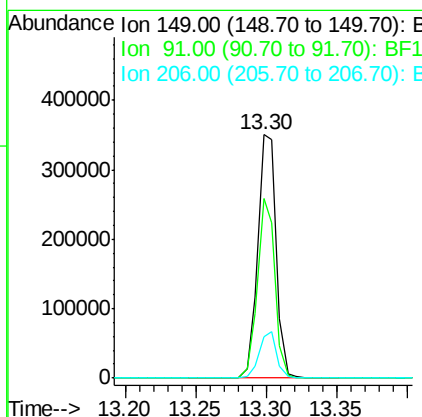
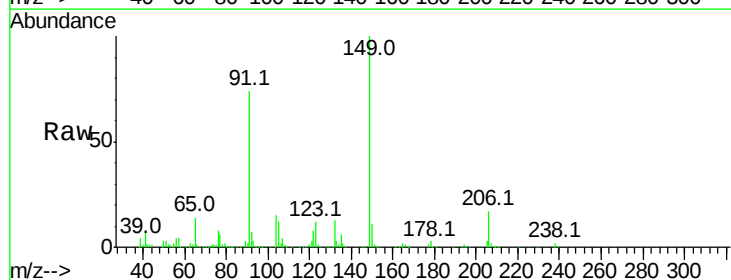
Instrument :
 BNA_F
 ClientSampled :

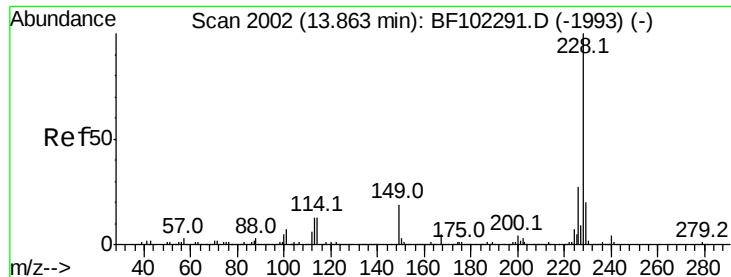
Tot Ion:244 Resp: 782141
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.0 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 29.735 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF102491.D
 Acq: 27 Jan 2018 2:42

Tgt Ion:149 Resp: 326570
 Ion Ratio Lower Upper
 149 100
 91 73.6 56.8 85.2
 206 16.8 14.1 21.1

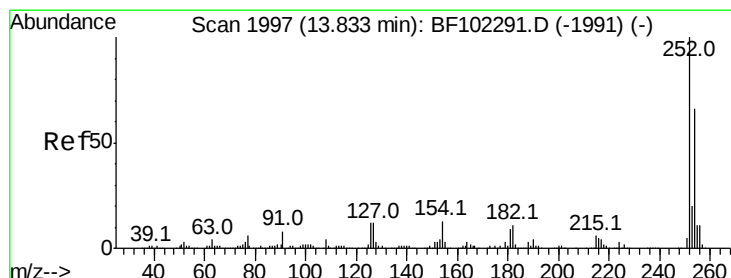
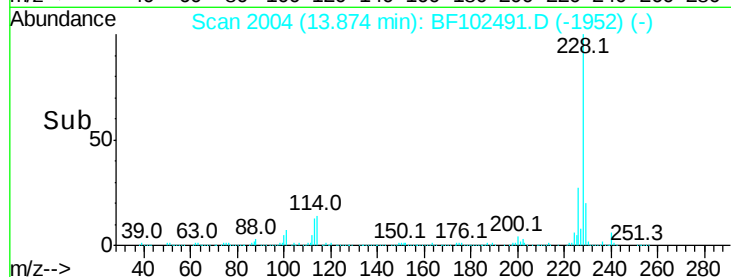
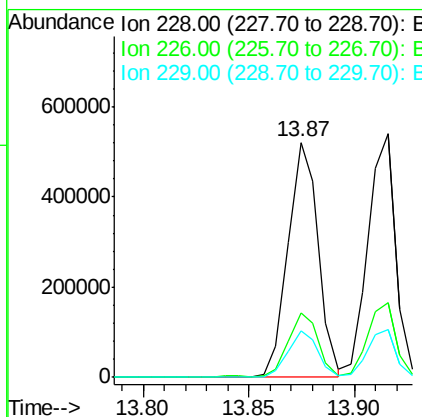
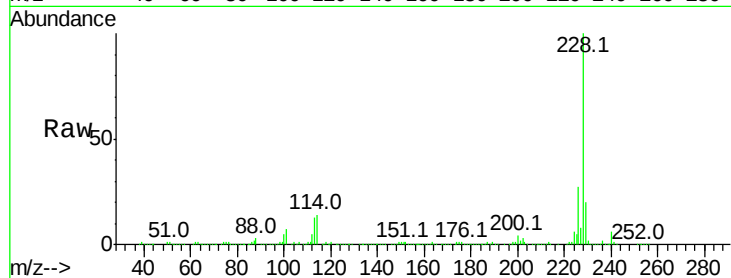




#80
Benzo(a)anthracene
Concen: 29.517 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

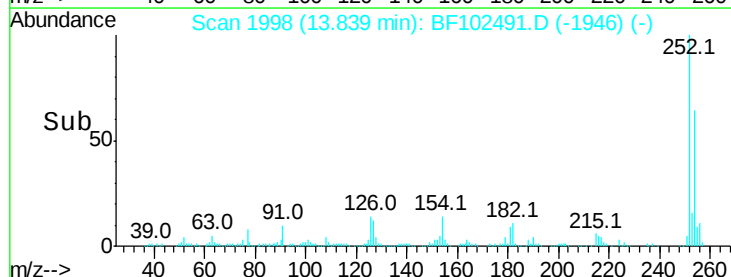
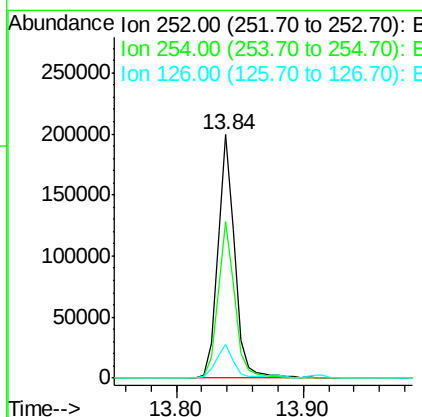
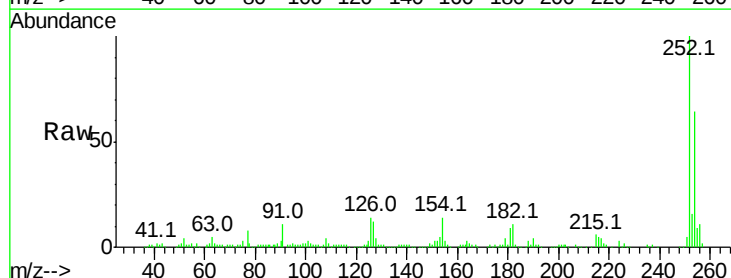
Instrument :
BNA_F
ClientSampleId :

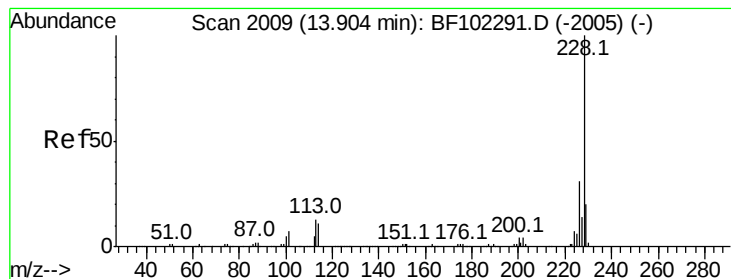
Tot Ion:228 Resp: 518714
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 20.0 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 29.113 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Tgt Ion:252 Resp: 187681
Ion Ratio Lower Upper
252 100
254 64.2 50.4 75.6
126 13.8 11.3 16.9





#82

Chrysene

Concen: 28.200 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

Instrument :

BNA_F

ClientSampleId :

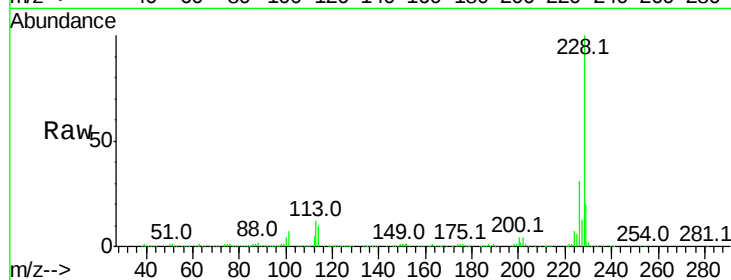
Tot Ion:228 Resp: 503248

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

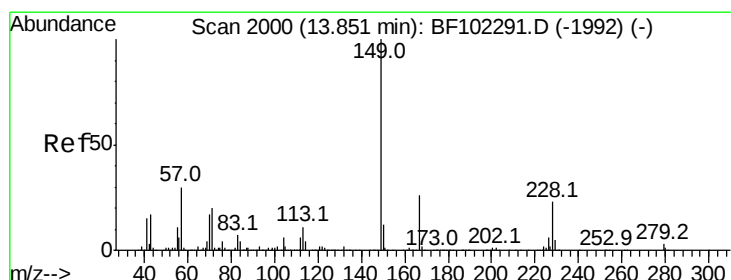
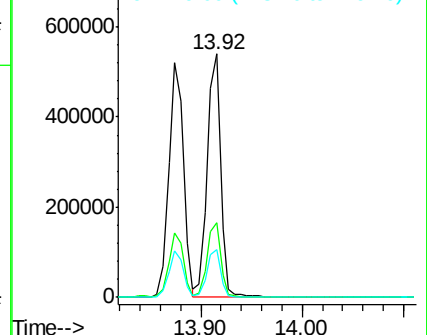
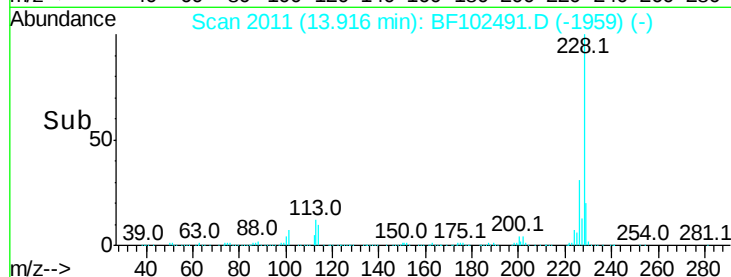
229 19.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 31.400 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF102491.D

Acq: 27 Jan 2018 2:42

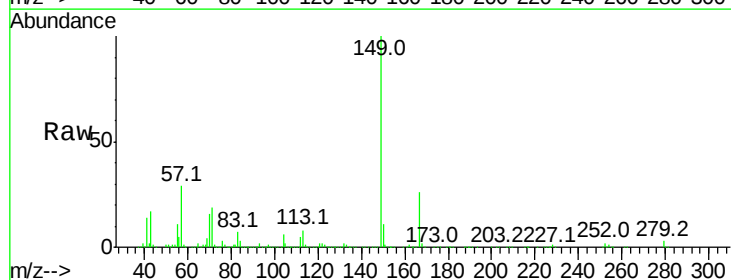
Tgt Ion:149 Resp: 463450

Ion Ratio Lower Upper

149 100

167 25.8 21.3 31.9

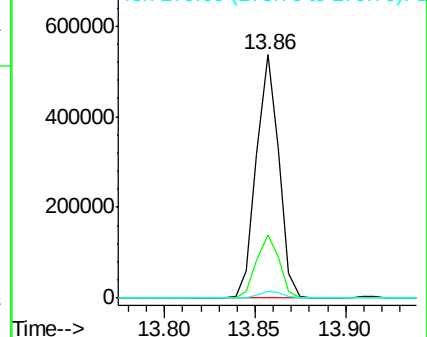
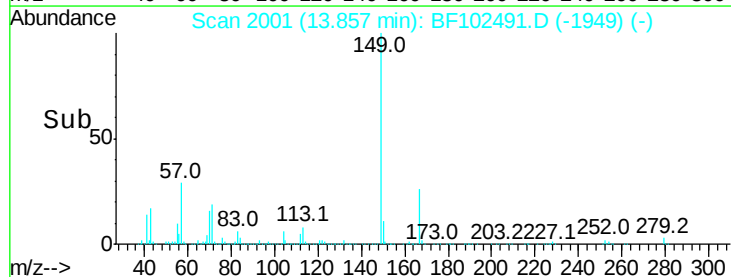
279 2.9 3.0 4.4#

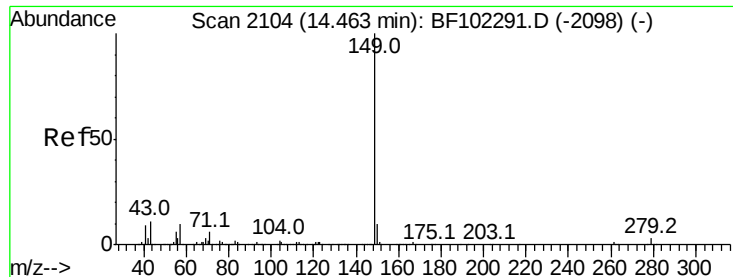


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

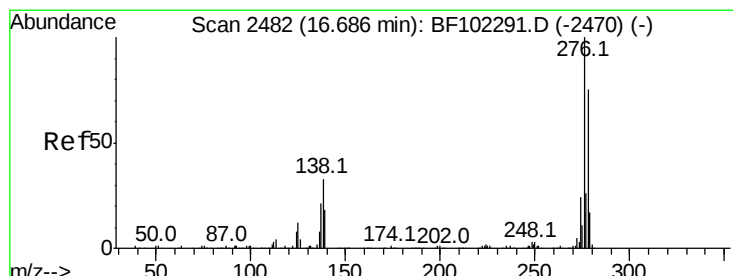
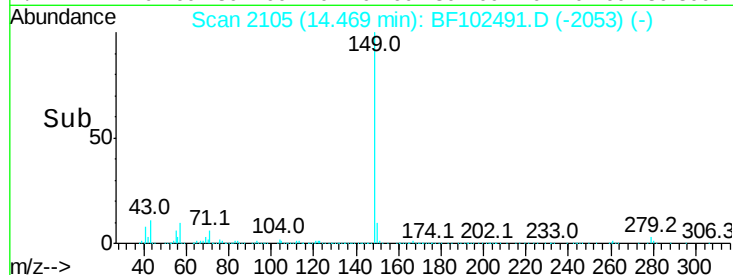
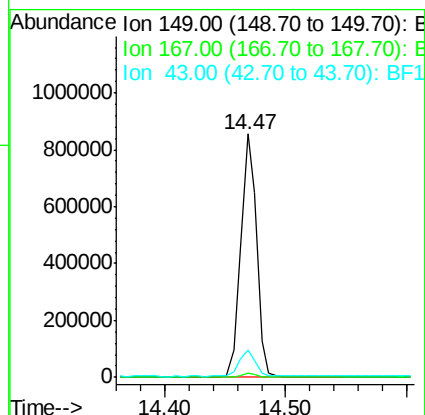
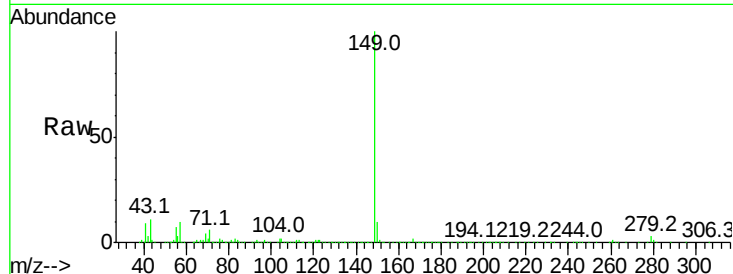




#84
Di-n-octyl phthalate
Concen: 32.542 ng
RT: 14.47 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

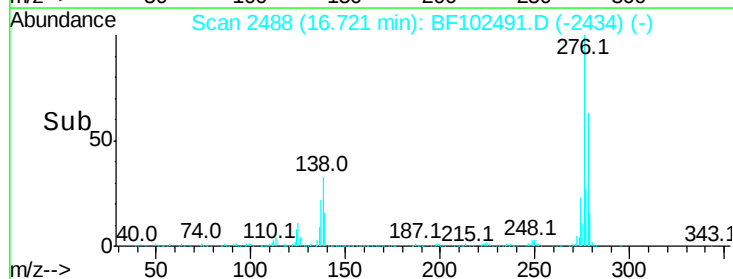
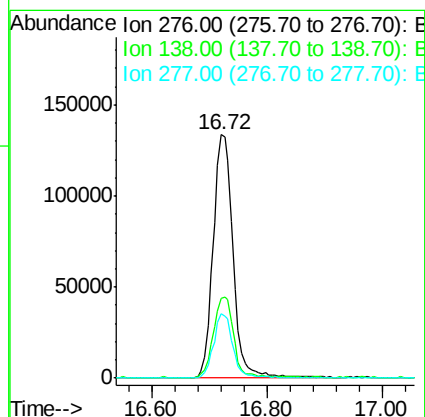
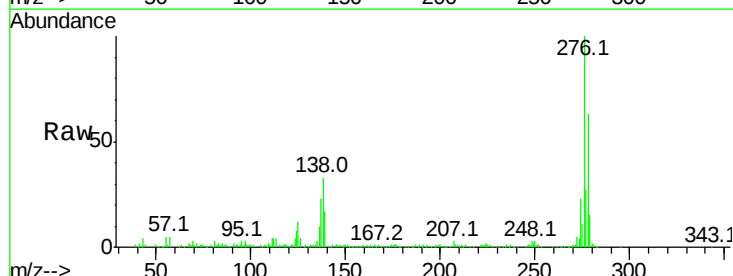
Instrument :
BNA_F
ClientSampled :

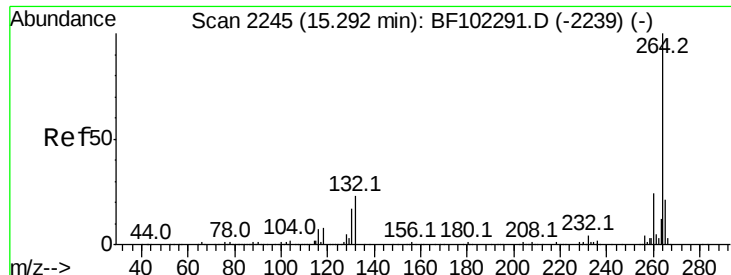
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	10.8	8.4	12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 21.955 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.02 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.8	25.0	37.6
277	25.4	20.1	30.1



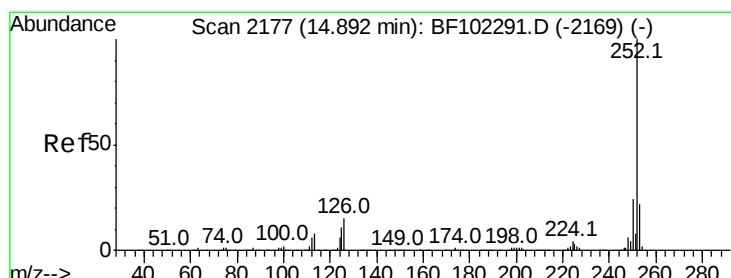
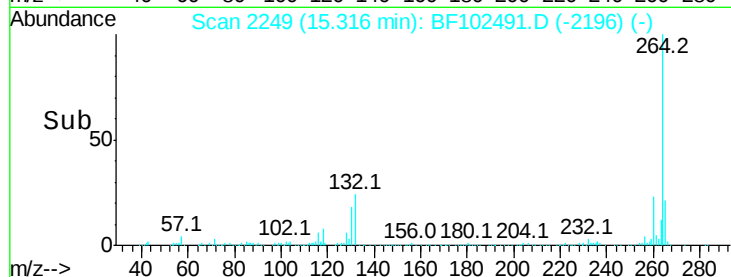
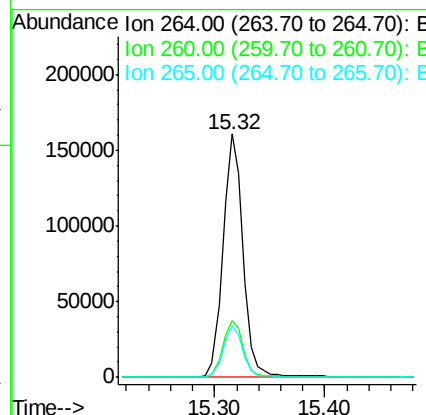
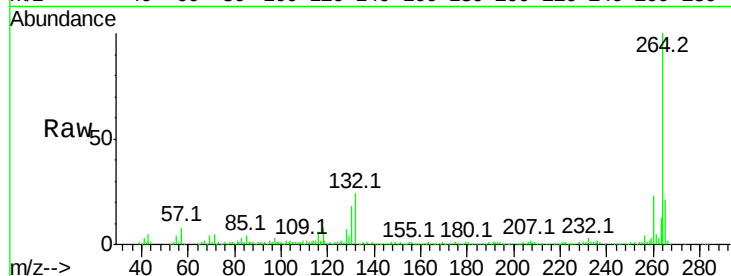


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 202532

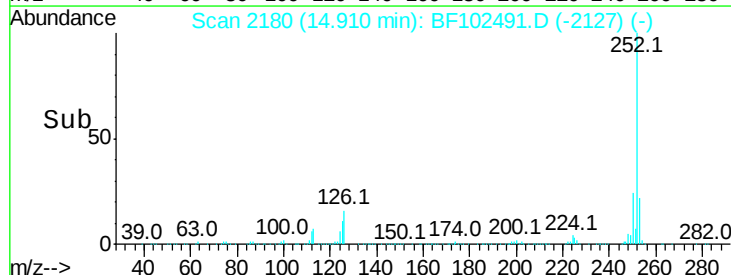
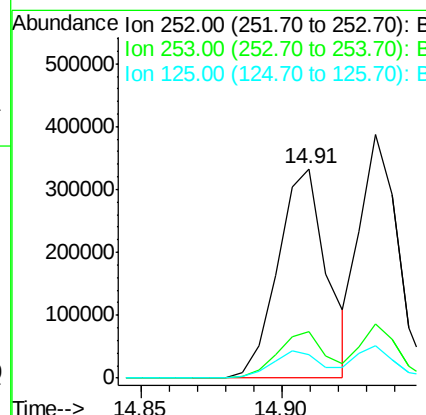
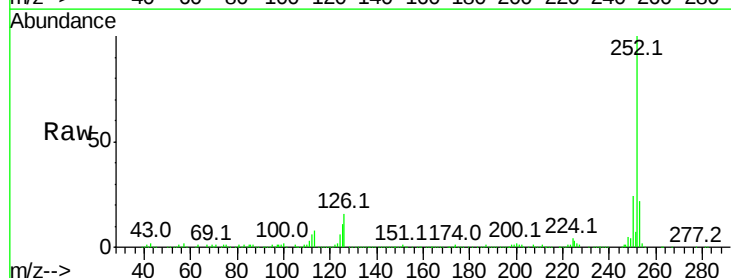
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.2	17.5	26.3

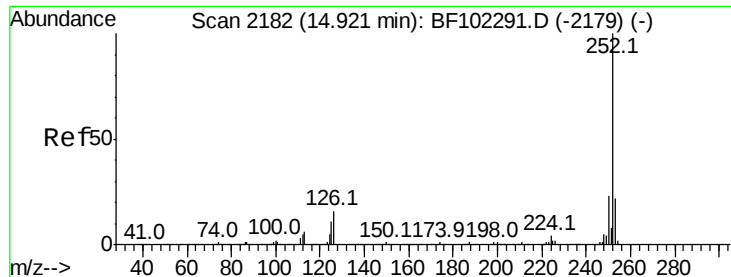


#87
Benzo(b)fluoranthene
Concen: 30.560 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Tgt Ion:252 Resp: 401164

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	11.4	9.0	13.6

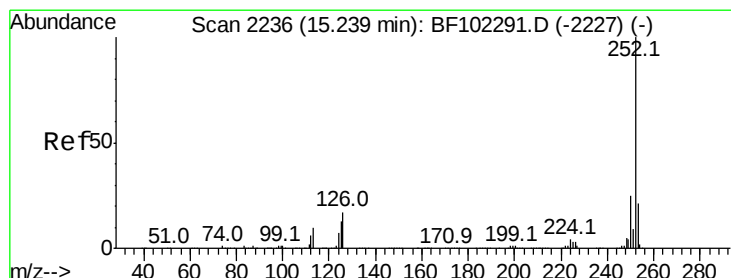
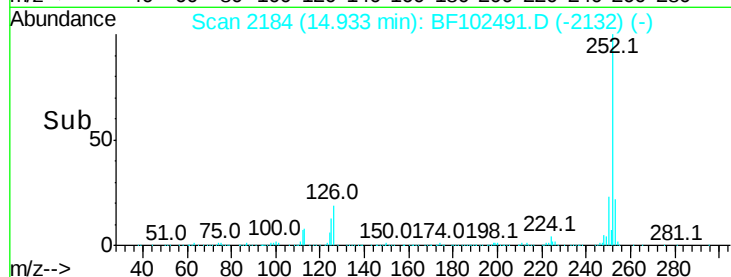
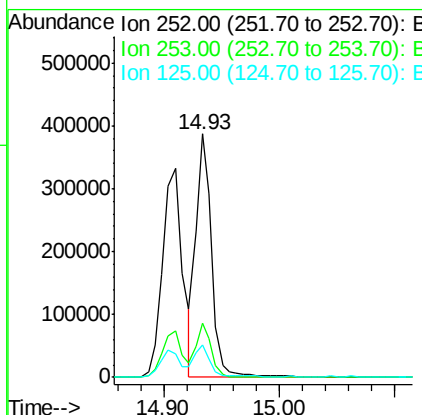
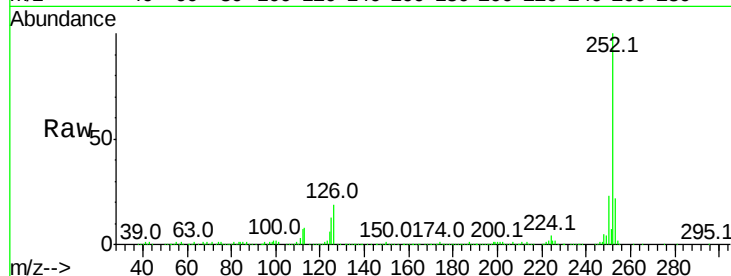




#88
Benzo(k)fluoranthene
Concen: 29.735 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

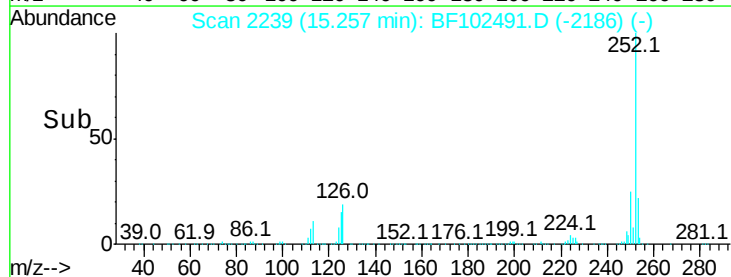
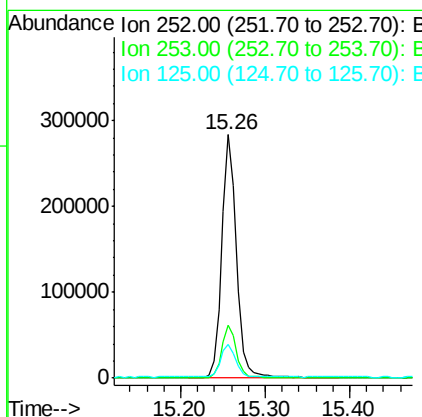
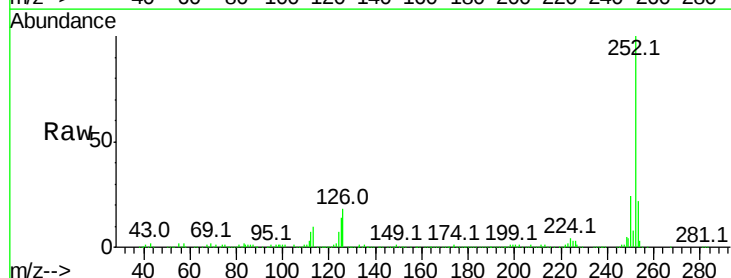
Instrument :
BNA_F
ClientSampleId :

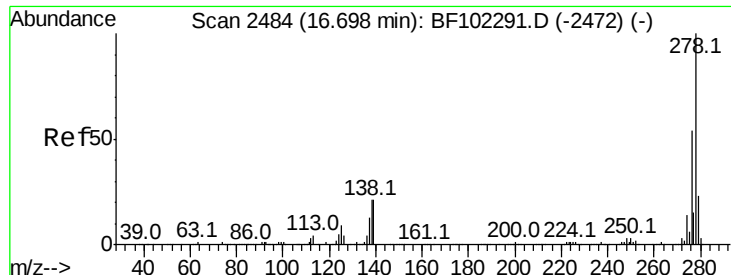
Tot Ion:252 Resp: 368776
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 13.2 10.2 15.2



#89
Benzo(a)pyrene
Concen: 29.313 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Tgt Ion:252 Resp: 347037
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 13.8 9.8 14.6

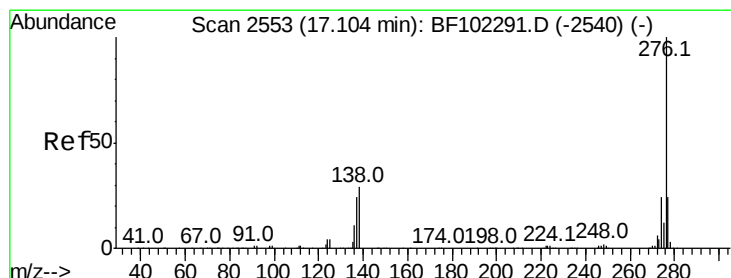
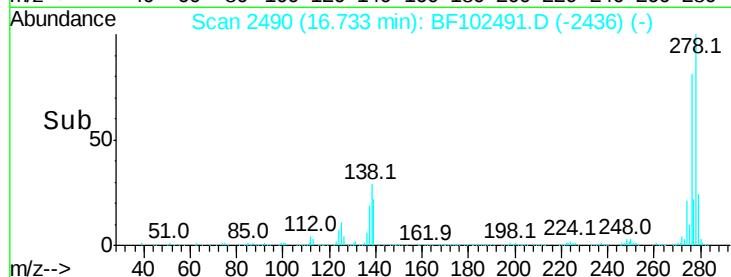
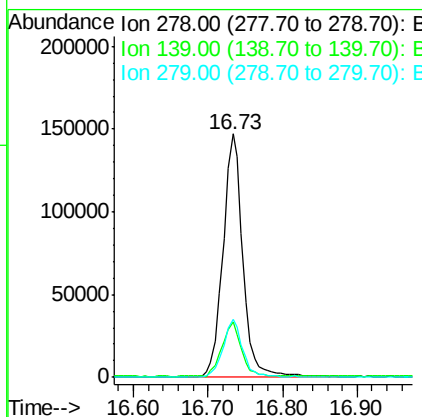
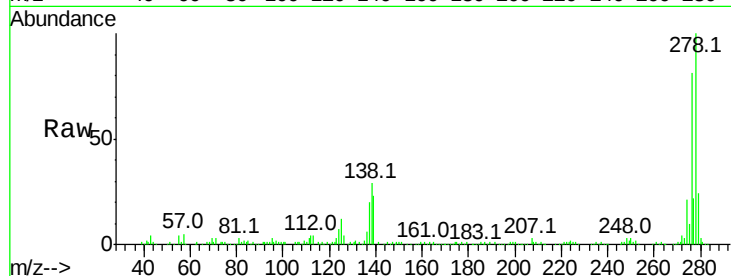




#90
Dibenzo(a,h)anthracene
Concen: 28.685 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.02 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.9	15.9	23.9
279	23.7	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 28.392 ng
RT: 17.14 min Scan# 2560
Delta R.T. 0.02 min
Lab File: BF102491.D
Acq: 27 Jan 2018 2:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	30.2	21.8	32.8

