

Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102630.D
 Acq On : 30 Jan 2018 7:28
 Operator : SJ/JU
 Sample : J1305-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

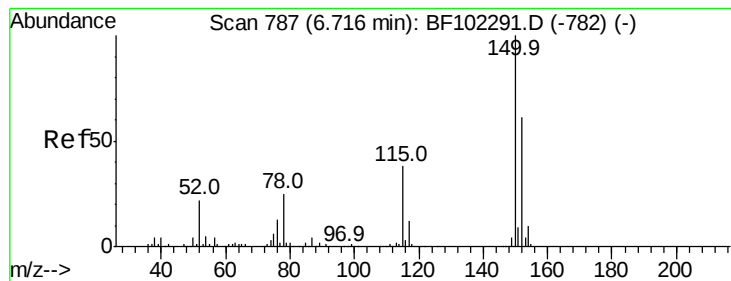
Quant Time: Jan 30 07:56:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	154620	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	646189	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	289544	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	476233	20.00	ng	0.00
75) Chrysene-d12	13.87	240	280136	20.00	ng	0.00
86) Perylene-d12	15.31	264	253367	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1268822	124.43	ng	0.02
7) Phenol-d6	6.37	99	1452804	118.17	ng	0.00
23) Nitrobenzene-d5	7.29	82	1033634	91.92	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	350771	122.26	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1726216	87.66	ng	0.00
78) Terphenyl-d14	12.82	244	1232305	99.17	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.38	94	54249	4.042	ng	86
15) Benzyl Alcohol	6.87	79	121061	13.956	ng	91
17) 2-Methylphenol	6.87	107	62708	6.755	ng	# 1
19) n-Nitroso-di-n-propylamine	7.13	70	33656	4.473	ng	# 71
20) 3+4-Methylphenols	7.14	107	173588	15.898	ng	85
25) Isophorone	7.29	82	1028148	51.289	ng	# 64
31) Naphthalene	8.02	128	117353	3.637	ng	97
32) Benzoic acid	7.97	122	1948713	264.483	ng	98
49) Dimethylphthalate	9.46	163	73570	3.074	ng	# 99
66) 4-Bromophenyl-phenylether	10.55	248	23557	4.595	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.84	149	58017	4.005	ng	96

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

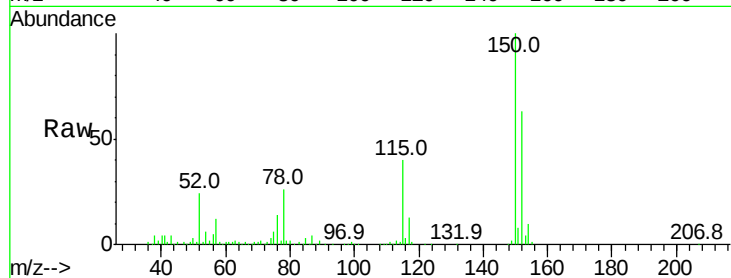


#1

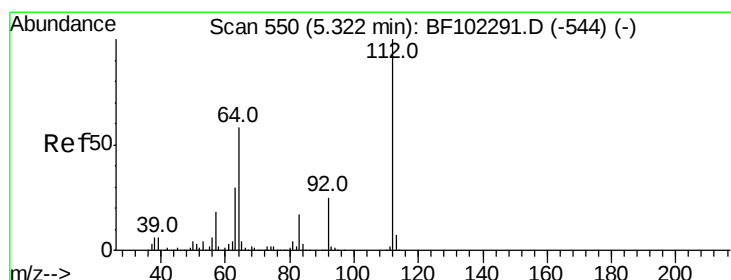
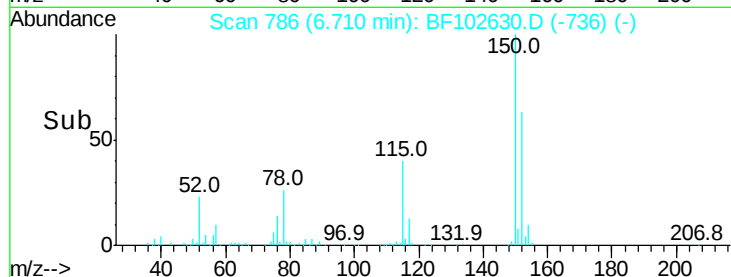
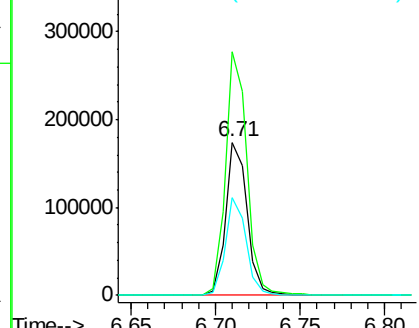
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102630.D
Acq: 30 Jan 2018 7:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 154620
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 64.2 50.1 75.1



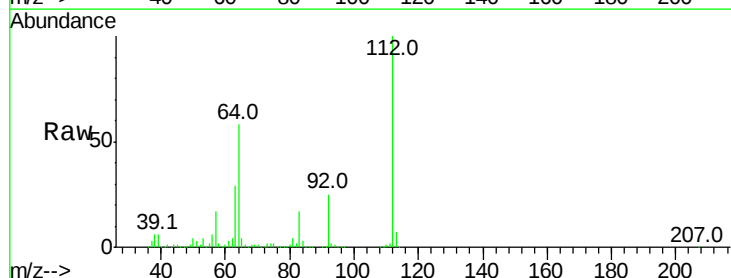
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



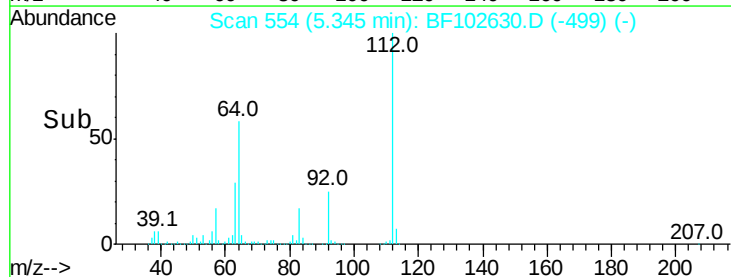
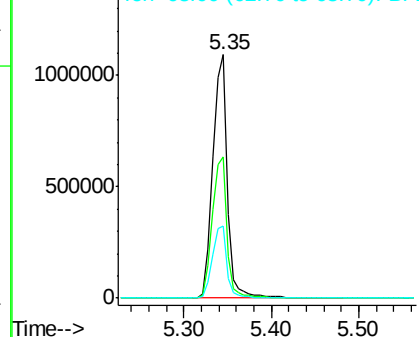
#5

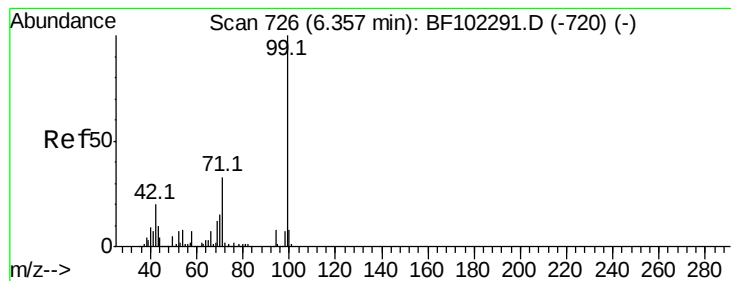
2-Fluorophenol
Concen: 124.425 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102630.D
Acq: 30 Jan 2018 7:28

Tgt Ion:112 Resp: 1268822
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 29.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 118.172 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102630.D

Acq: 30 Jan 2018 7:28

Instrument :

BNA_F

ClientSampleId :

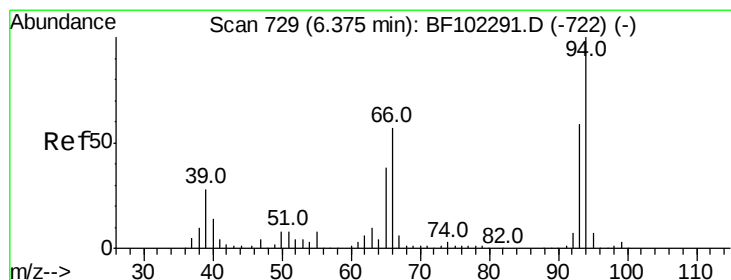
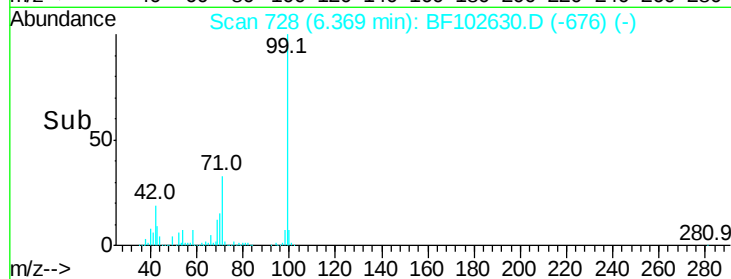
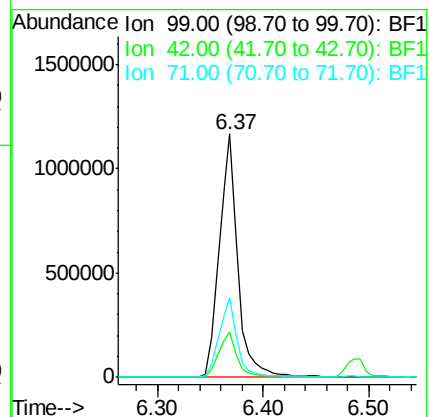
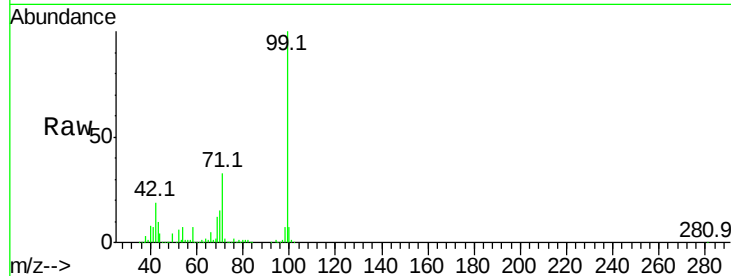
Tot Ion: 99 Resp: 1452804

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

71 32.9 25.4 38.0



#10

Phenol

Concen: 4.042 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102630.D

Acq: 30 Jan 2018 7:28

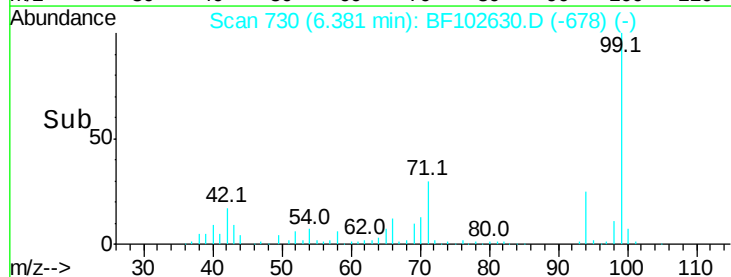
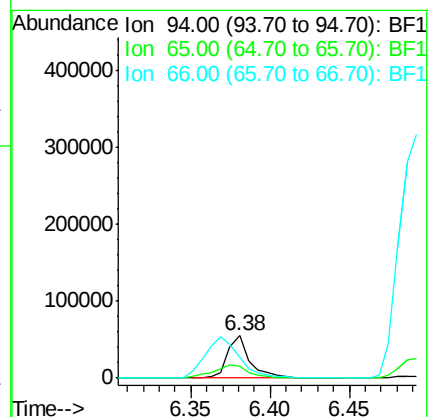
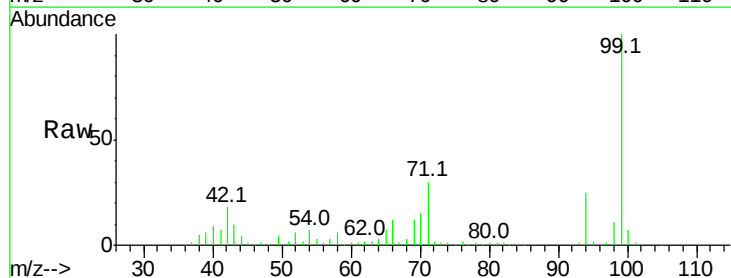
Tgt Ion: 94 Resp: 54249

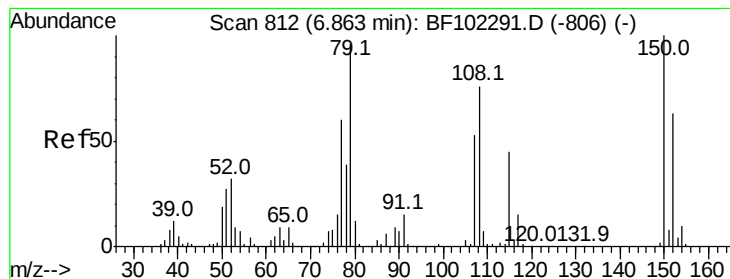
Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

66 49.6 16.2 56.2





#15

Benzyl Alcohol

Concen: 13.956 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF102630.D

Acq: 30 Jan 2018 7:28

Instrument :

BNA_F

ClientSampled :

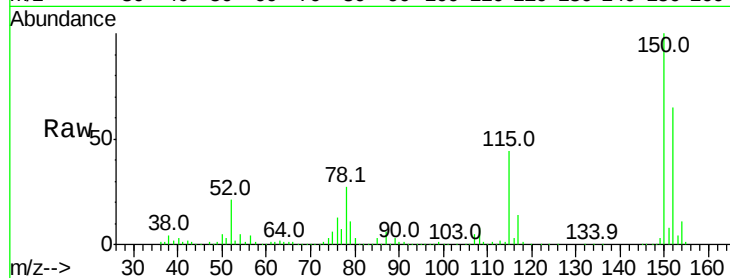
Tot Ion: 79 Resp: 121061

Ion Ratio Lower Upper

79 100

108 70.8 65.1 97.7

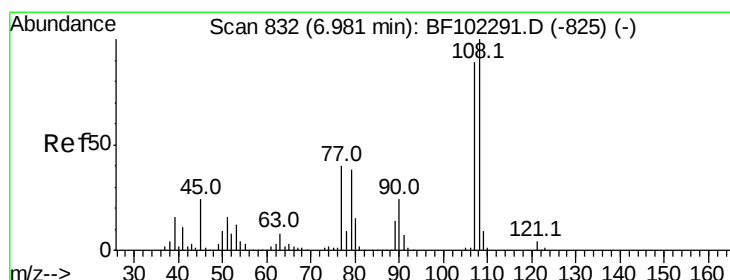
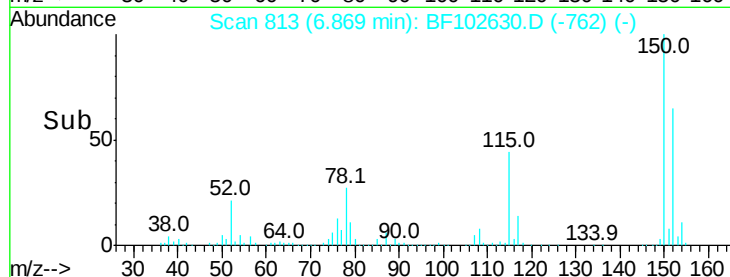
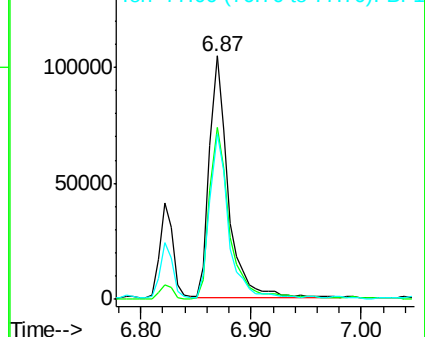
77 68.1 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#17

2-Methylphenol

Concen: 6.755 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.11 min

Lab File: BF102630.D

Acq: 30 Jan 2018 7:28

Tgt Ion: 107 Resp: 62708

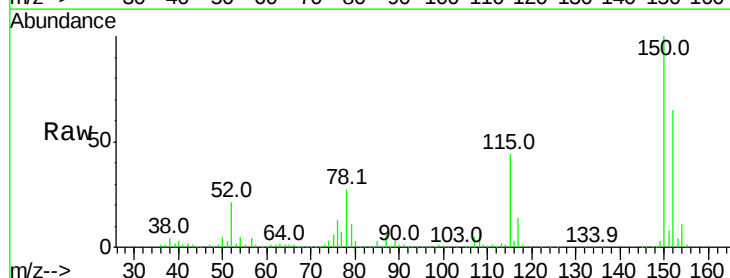
Ion Ratio Lower Upper

107 100

108 147.4 91.7 137.5#

77 141.8 33.8 50.8#

79 208.3 33.8 50.8#

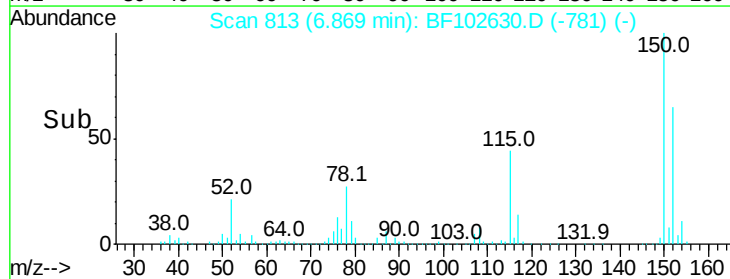
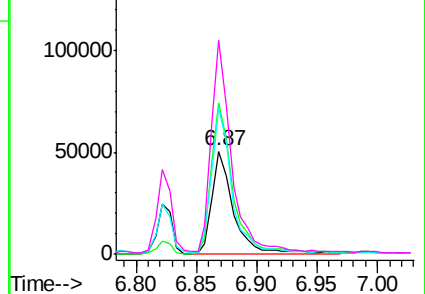


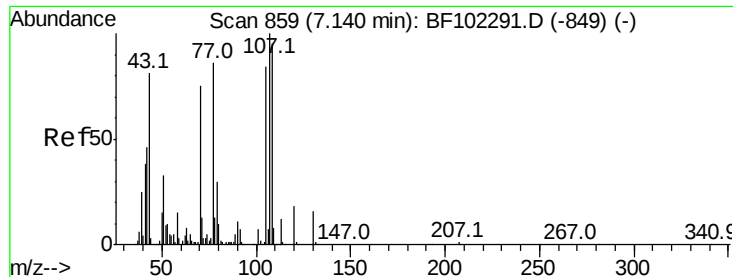
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

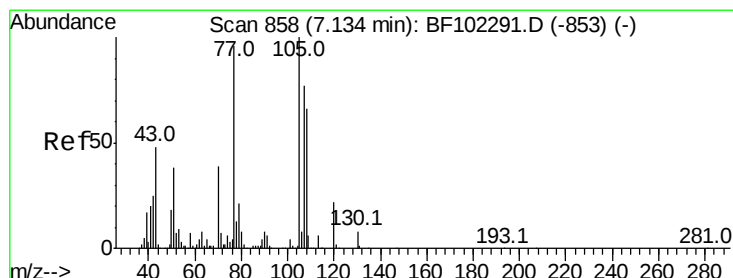
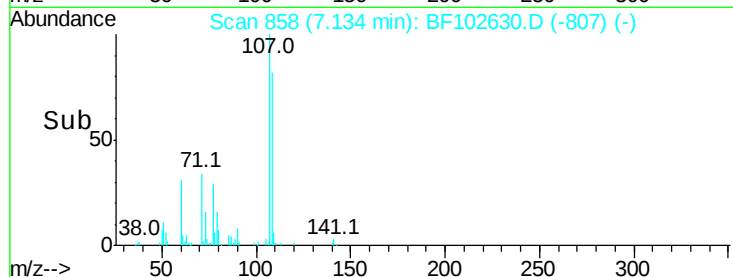
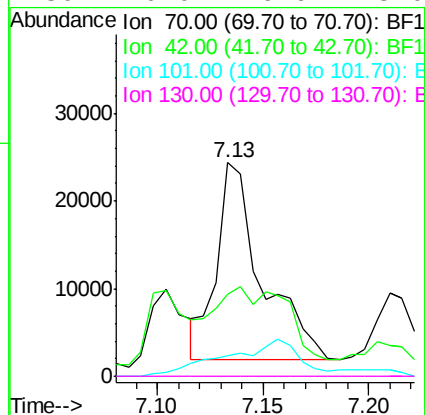
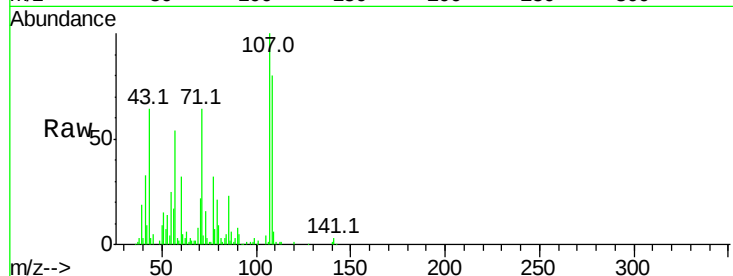




#19
n-Nitroso-di-n-propylamine
Concen: 4.473 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102630.D
Acq: 30 Jan 2018 7:28

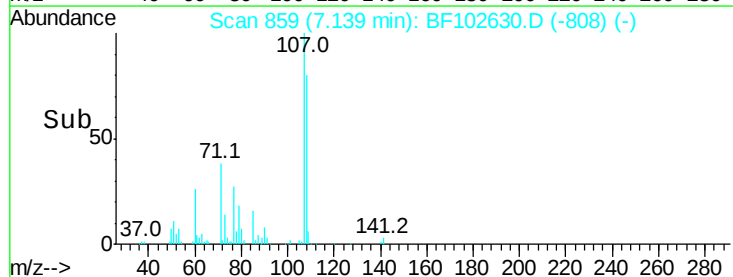
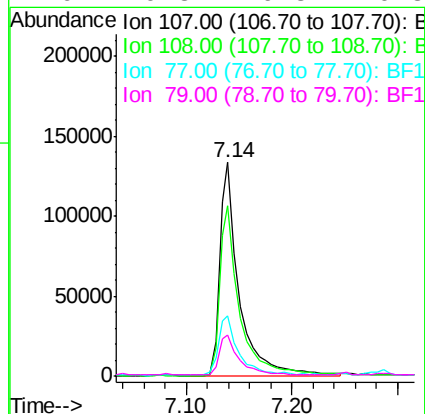
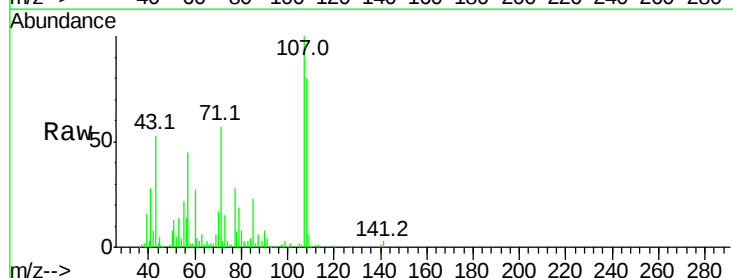
Instrument :
BNA_F
ClientSampleId :

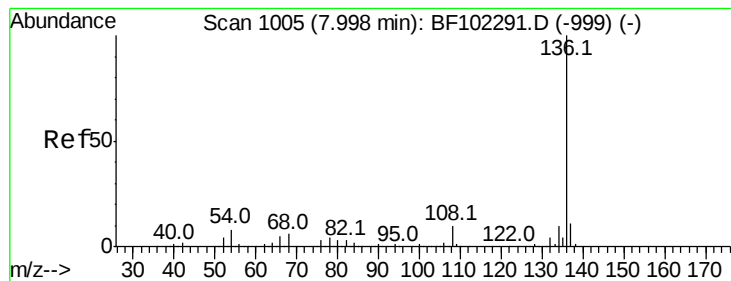
Tot Ion: 70 Resp: 33656
Ion Ratio Lower Upper
70 100
42 38.7 47.5 71.3#
101 9.6 7.4 11.2
130 0.0 16.6 25.0#



#20
3+4-Methylphenols
Concen: 15.898 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102630.D
Acq: 30 Jan 2018 7:28

Tgt Ion:107 Resp: 173588
Ion Ratio Lower Upper
107 100
108 79.9 68.2 108.2
77 27.9 26.7 66.7
79 19.3 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102630.D

Acq: 30 Jan 2018 7:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 646189

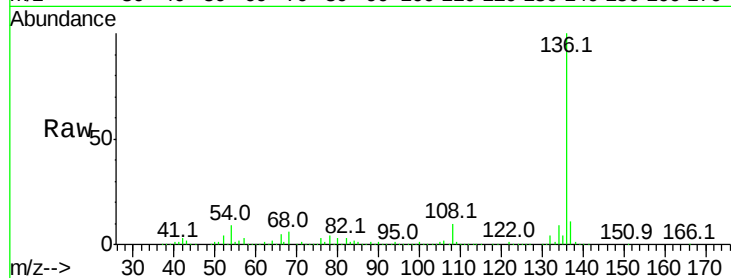
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.8 6.6 9.8

68 6.1 5.0 7.4

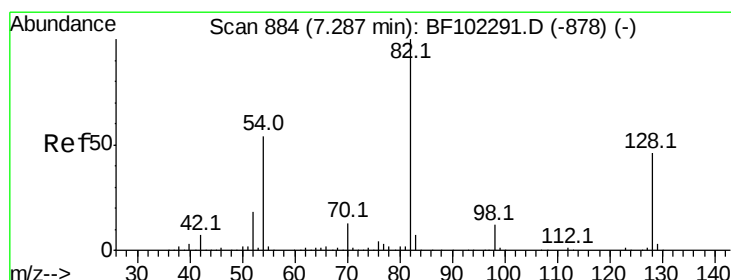
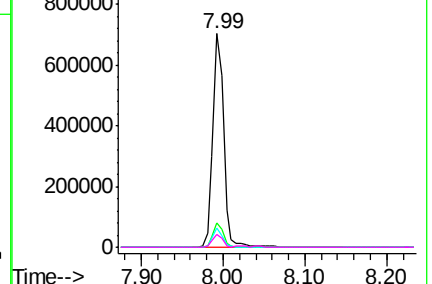
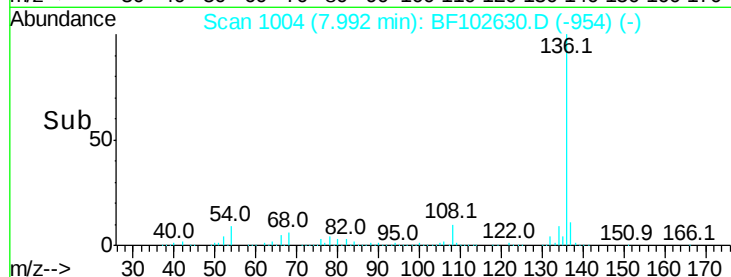


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 91.923 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102630.D

Acq: 30 Jan 2018 7:28

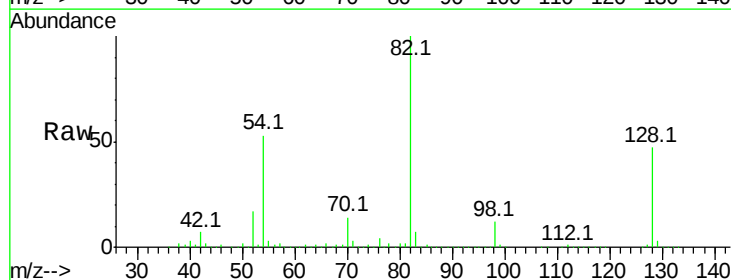
Tgt Ion: 82 Resp: 1033634

Ion Ratio Lower Upper

82 100

128 47.2 36.1 54.1

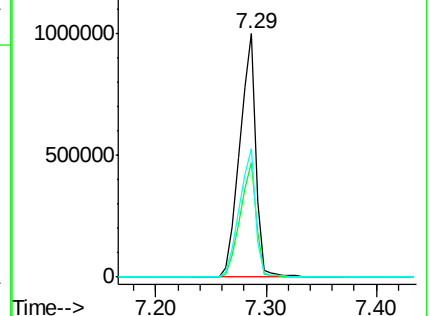
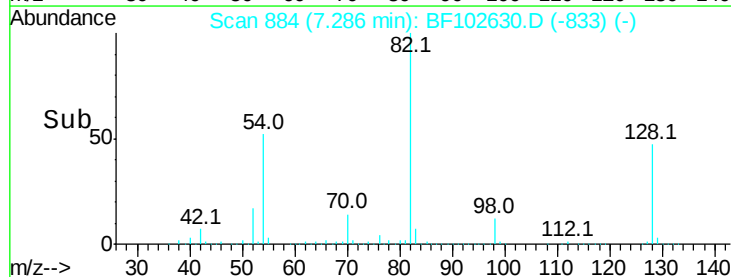
54 52.5 41.4 62.2

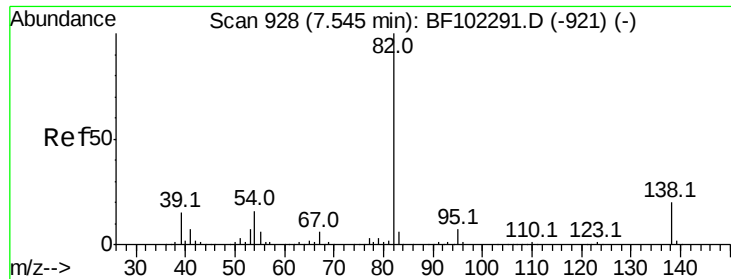


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

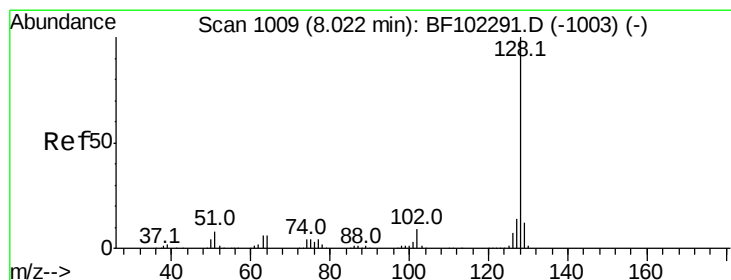
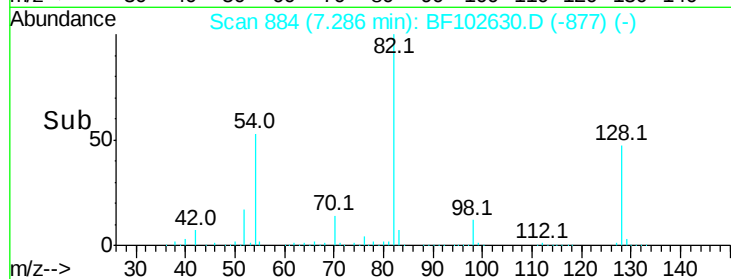
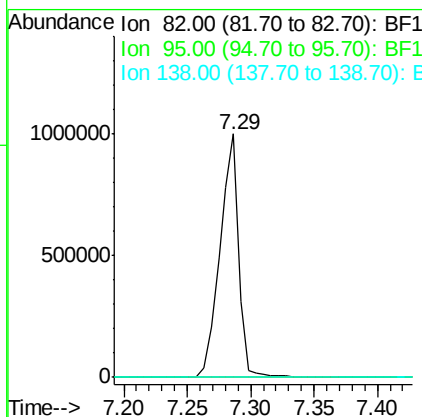
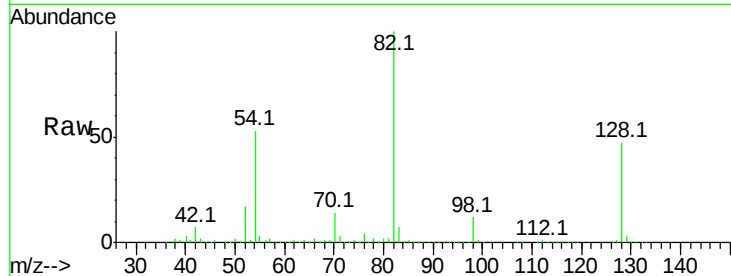




#25
Isophorone
Concen: 51.289 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102630.D
Acq: 30 Jan 2018 7:28

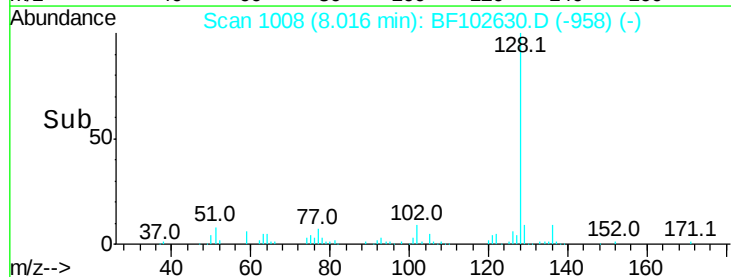
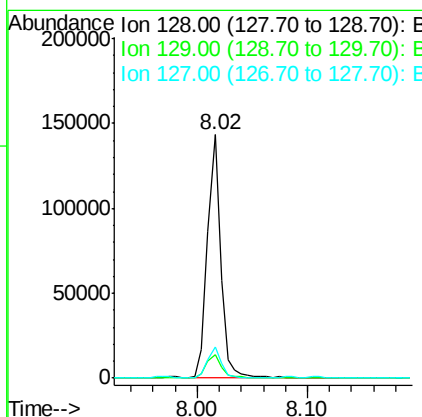
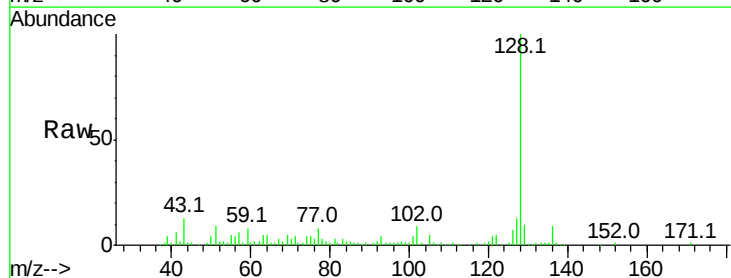
Instrument :
BNA_F
ClientSampleId :

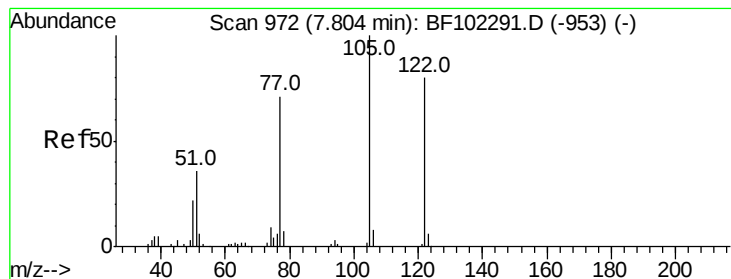
Tot Ion: 82 Resp: 1028148
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#31
Naphthalene
Concen: 3.637 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF102630.D
Acq: 30 Jan 2018 7:28

Tgt Ion: 128 Resp: 117353
Ion Ratio Lower Upper
128 100
129 9.6 8.8 13.2
127 12.7 10.9 16.3





#32

Benzoic acid

Concen: 264.483 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.16 min

Lab File: BF102630.D

Acq: 30 Jan 2018 7:28

Instrument :

BNA_F

ClientSampleId :

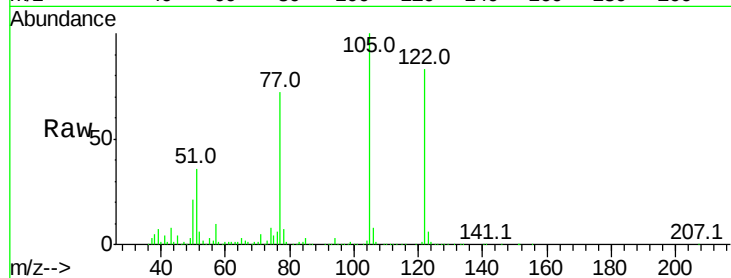
Tot Ion:122 Resp: 1948713

Ion Ratio Lower Upper

122 100

105 121.0 101.1 141.1

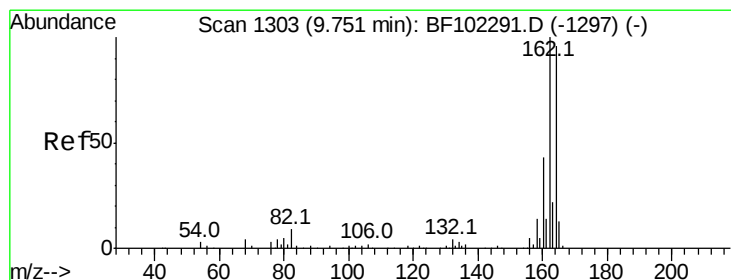
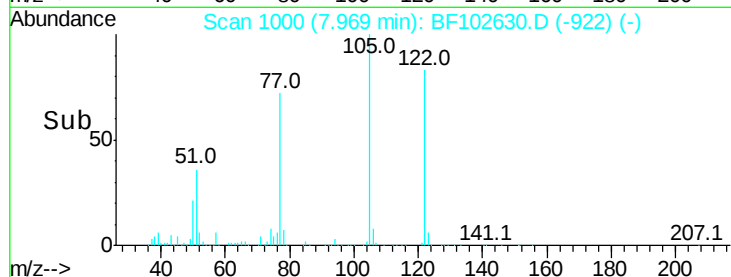
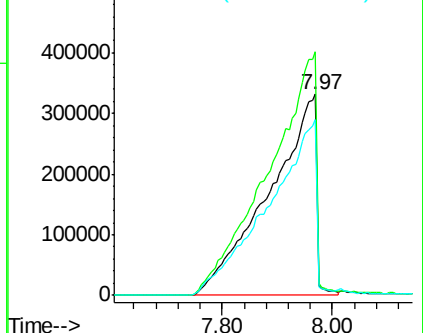
77 87.3 70.7 110.7



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102630.D

Acq: 30 Jan 2018 7:28

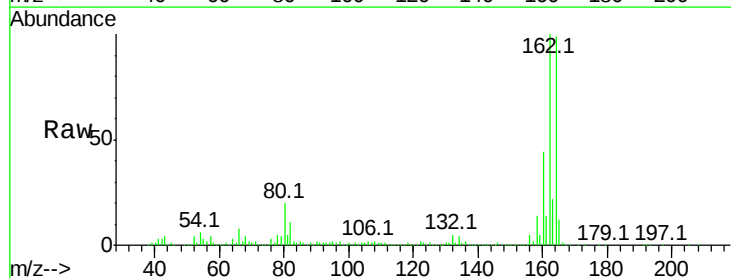
Tgt Ion:164 Resp: 289544

Ion Ratio Lower Upper

164 100

162 101.4 86.1 129.1

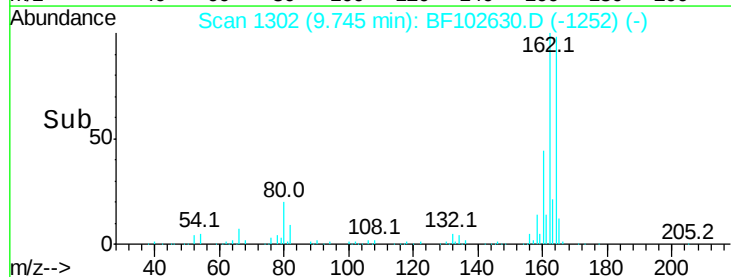
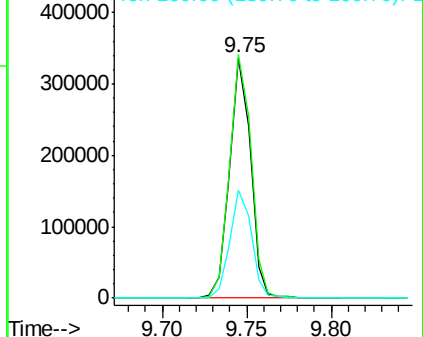
160 44.8 38.3 57.5

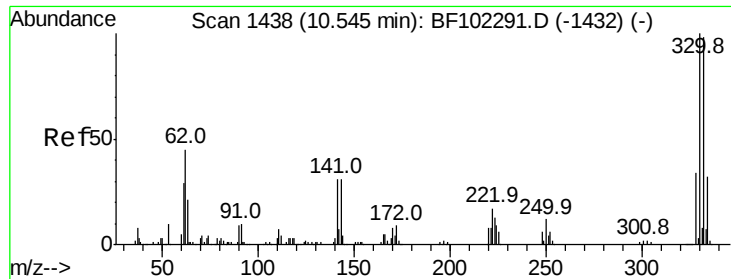


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

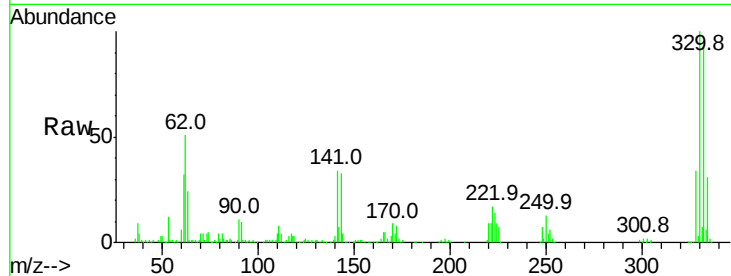




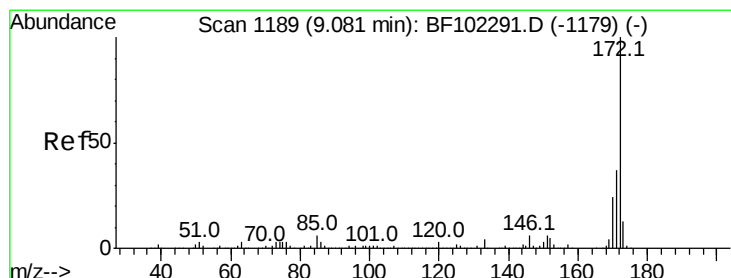
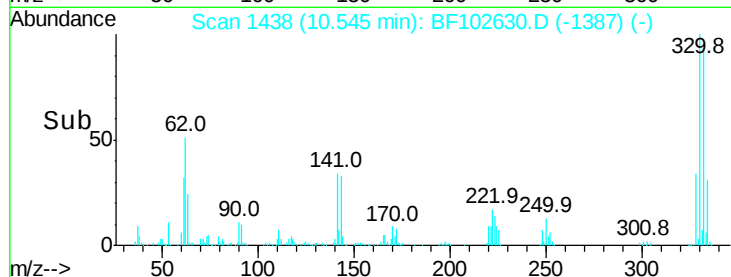
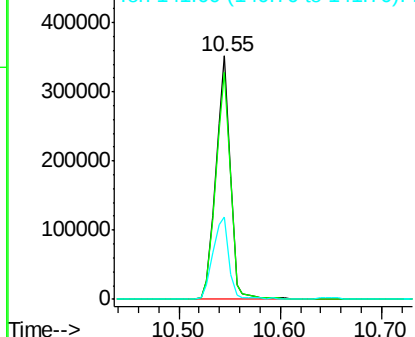
#41
 2,4,6-Tribromophenol
 Concen: 122.264 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102630.D
 Acq: 30 Jan 2018 7:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	36.9	29.9	44.9

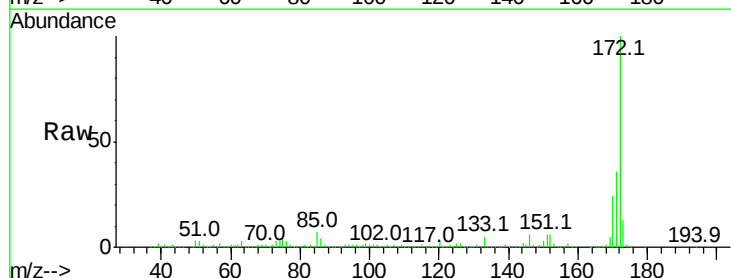


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

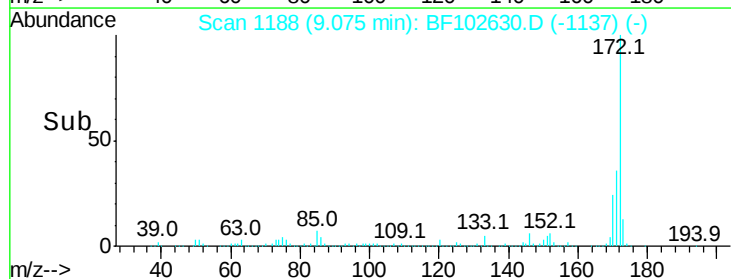
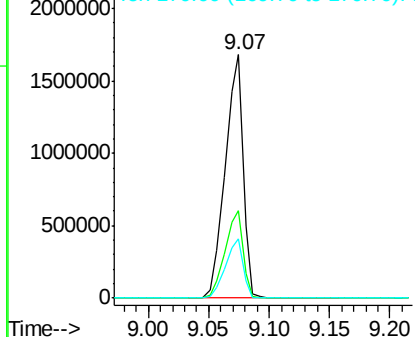


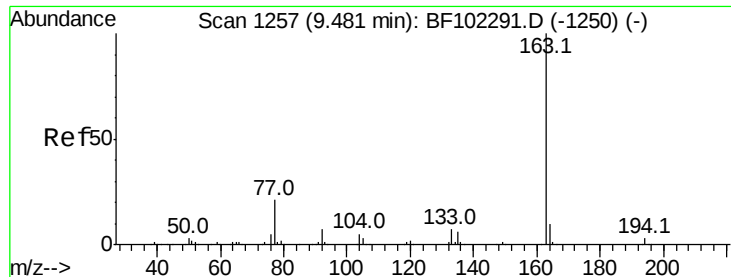
#44
 2-Fluorobiphenyl
 Concen: 87.660 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102630.D
 Acq: 30 Jan 2018 7:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.4	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





#49

Dimethylphthalate

Concen: 3.074 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF102630.D

Acq: 30 Jan 2018 7:28

Instrument :

BNA_F

ClientSampleId :

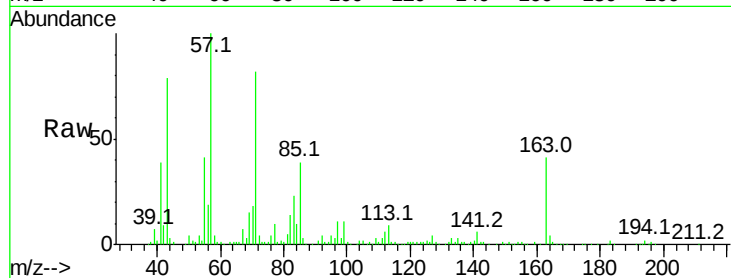
Tot Ion:163 Resp: 73570

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

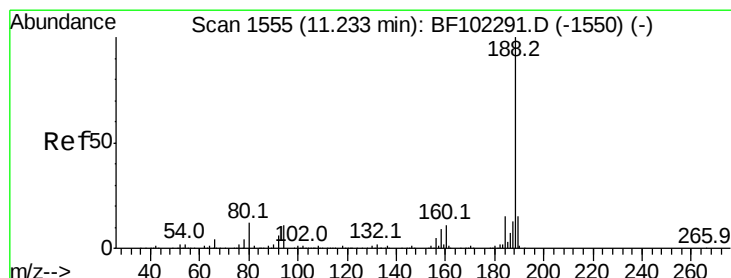
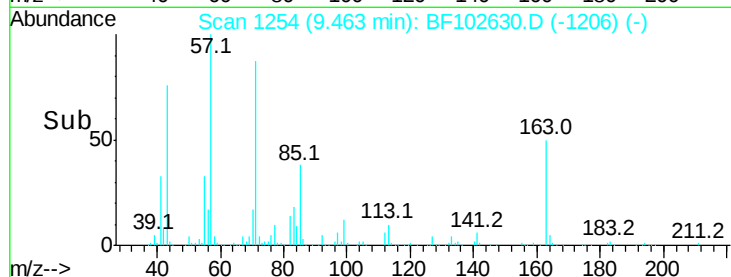
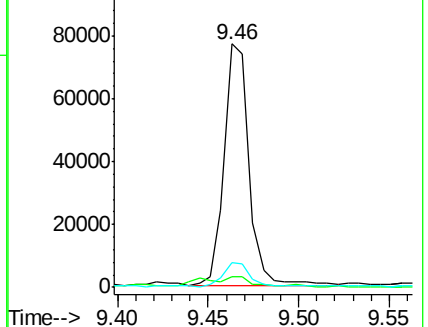
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102630.D

Acq: 30 Jan 2018 7:28

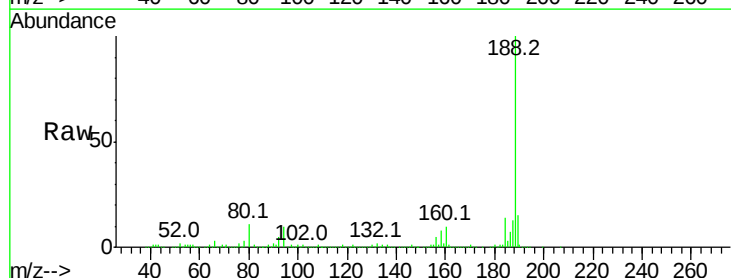
Tgt Ion:188 Resp: 476233

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

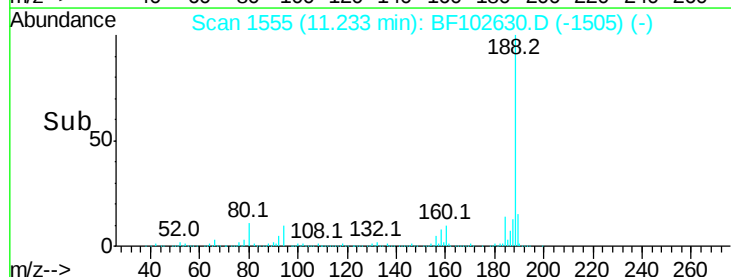
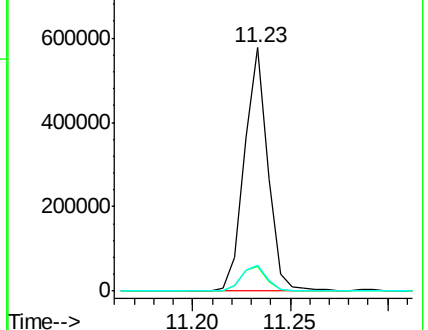
80 10.8 9.2 13.8

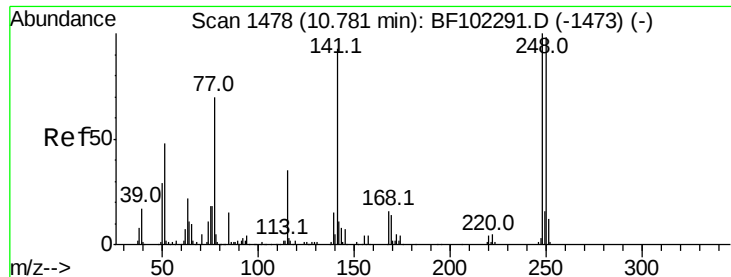


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

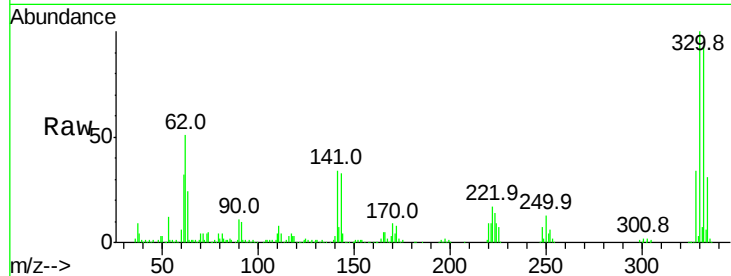




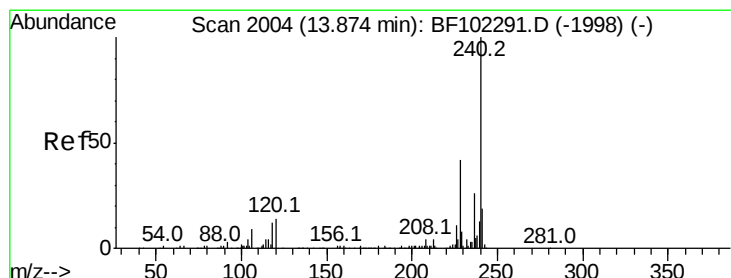
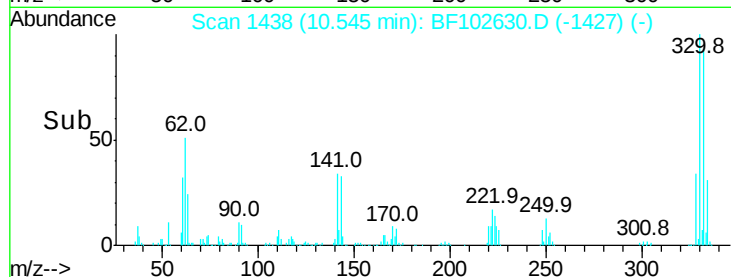
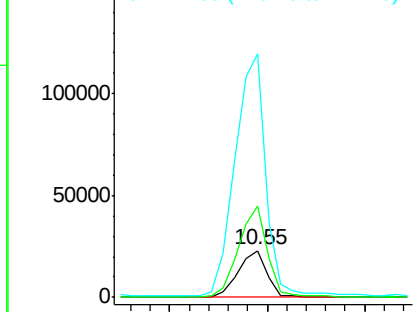
#66
4-Bromophenyl-phenylether
Concen: 4.595 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102630.D
Acq: 30 Jan 2018 7:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 23557
Ion Ratio Lower Upper
248 100
250 196.3 76.9 115.3#
141 520.8 74.4 111.6#

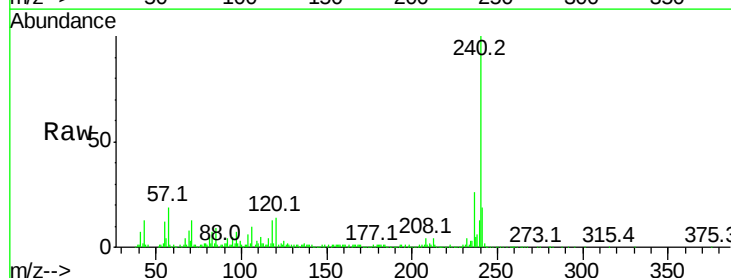


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

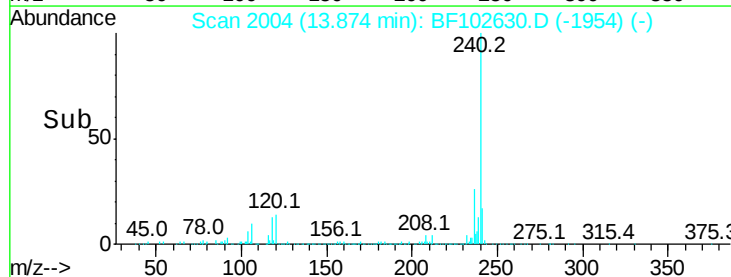
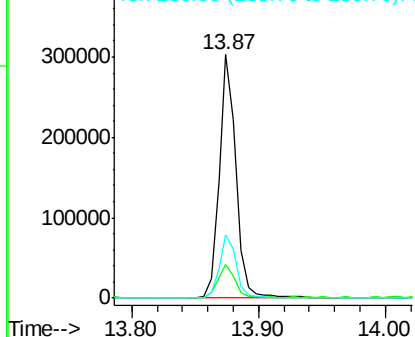


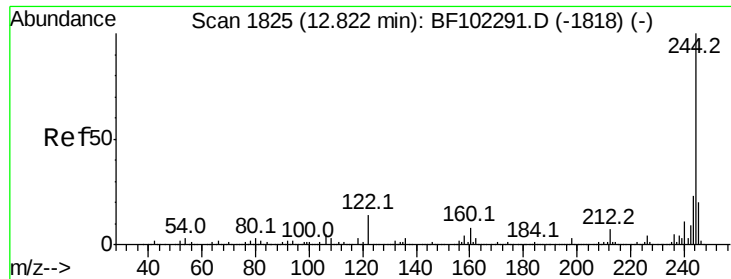
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102630.D
Acq: 30 Jan 2018 7:28

Tgt Ion:240 Resp: 280136
Ion Ratio Lower Upper
240 100
120 14.0 9.5 14.3
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.168 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102630.D

Acq: 30 Jan 2018 7:28

Instrument :

BNA_F

ClientSampleId :

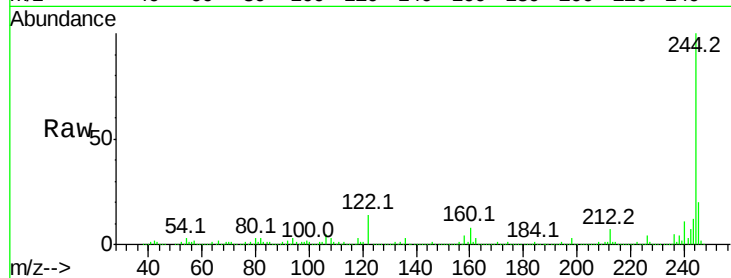
Tot Ion:244 Resp: 1232305

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

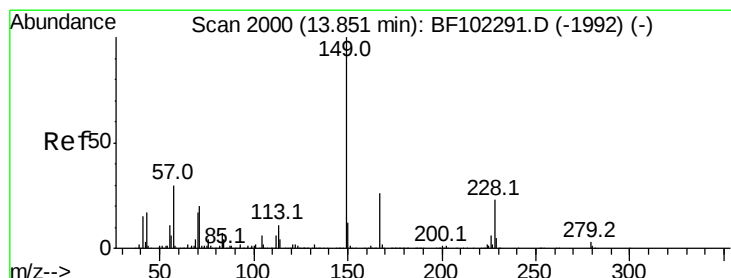
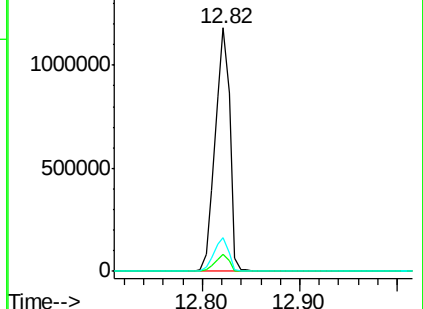
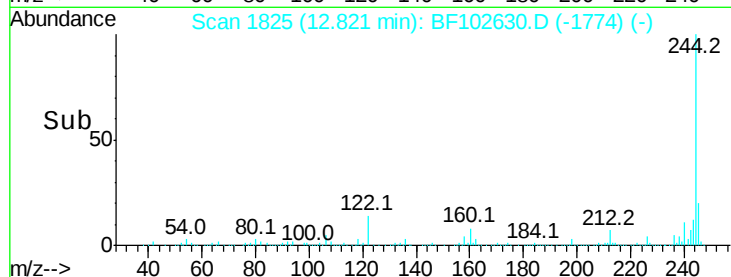
122 13.9 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.005 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF102630.D

Acq: 30 Jan 2018 7:28

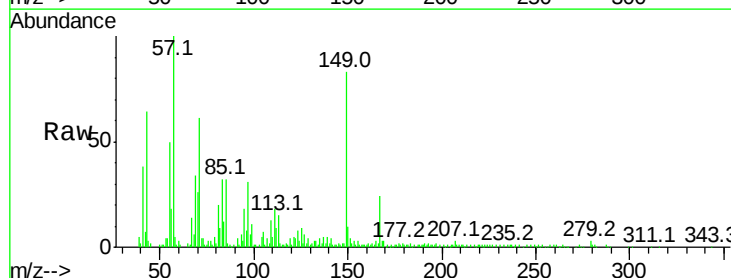
Tgt Ion:149 Resp: 58017

Ion Ratio Lower Upper

149 100

167 29.1 21.3 31.9

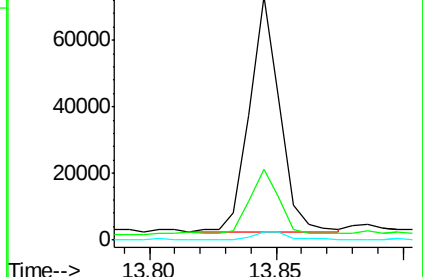
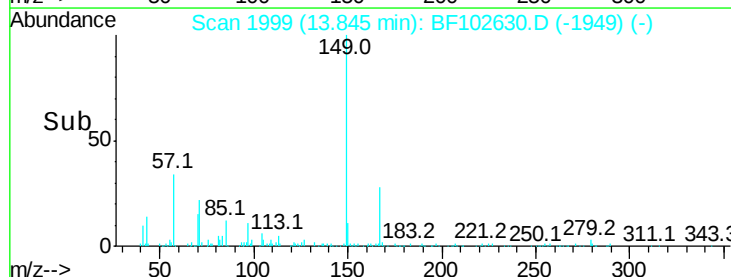
279 3.5 3.0 4.4

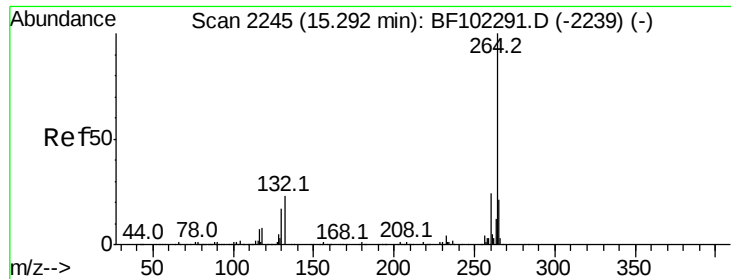


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102630.D
Acq: 30 Jan 2018 7:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.4	17.5	26.3

