

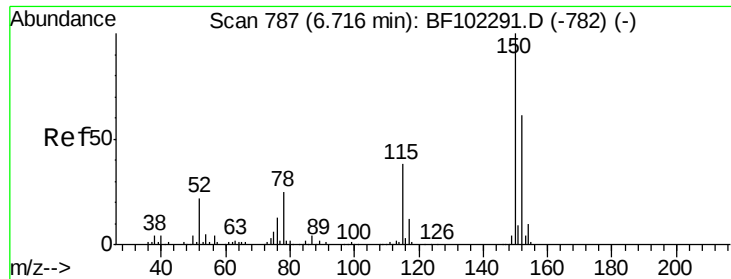
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
 Data File : BF102630.D
 Acq On : 30 Jan 2018 7:28
 Operator : SJ/JU
 Sample : J1305-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS

Quant Time: Jan 30 08:00:35 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						
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						Qvalue
10) Phenol	6.38	94	54249	4.042	ng	86
15) Benzyl Alcohol	6.87	79	121061	13.956	ng	91
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
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
83) Bis(2-ethylhexyl)phthalate	13.84	149	58017	4.005	ng	96

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

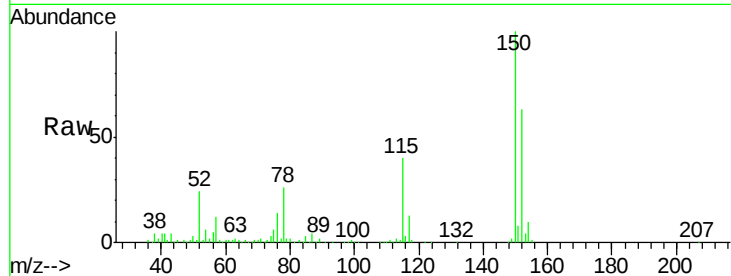


#1

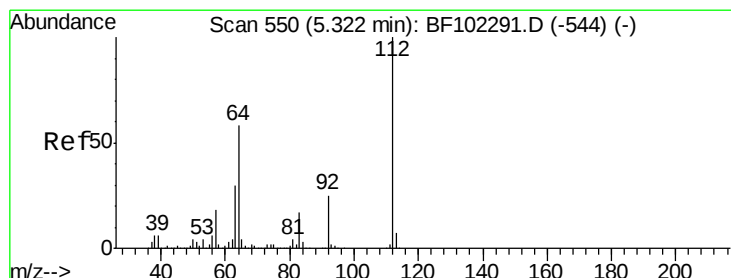
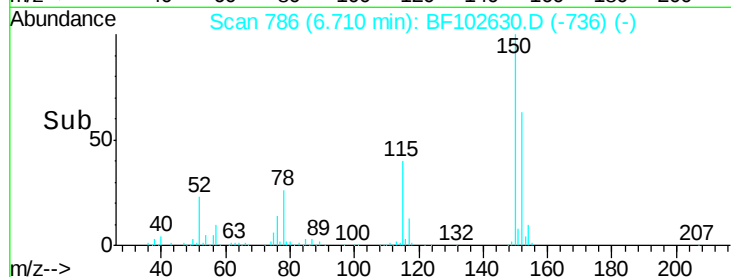
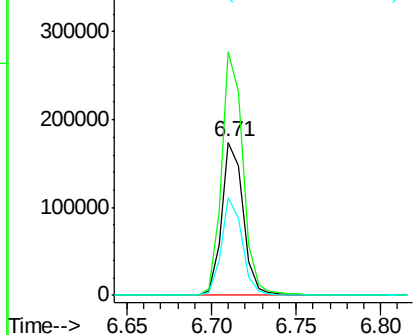
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102630.D
Acq: 30 Jan 2018 7:28

Instrument :
BNA_F
ClientSampleId :
OWS

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



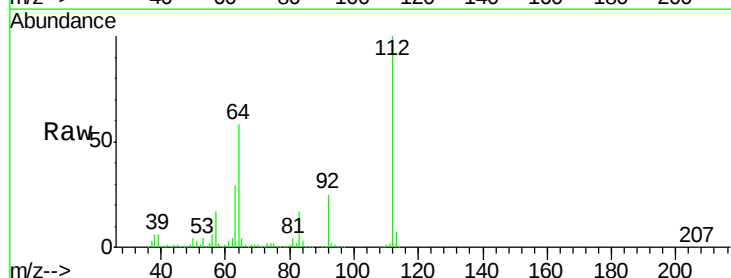
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



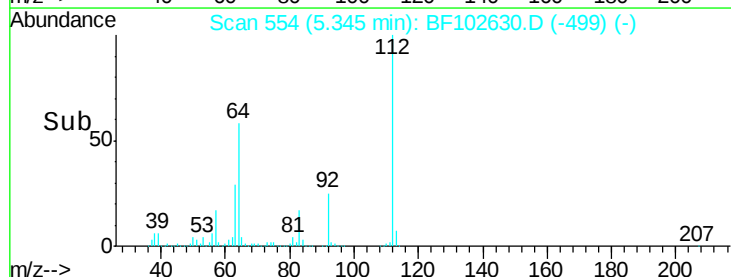
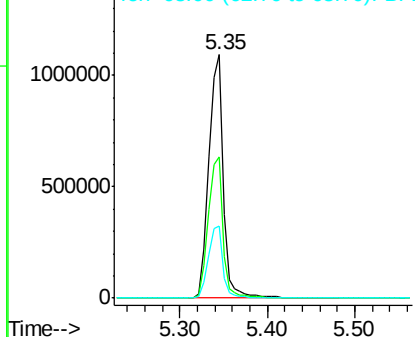
#5

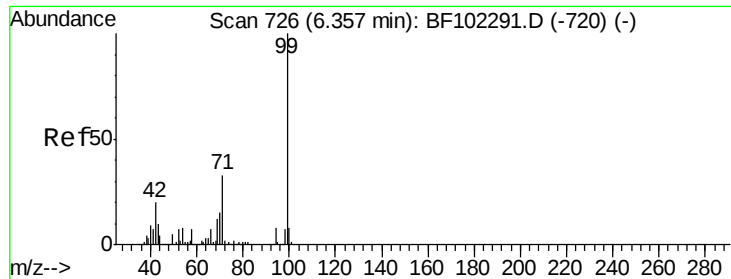
2-Fluorophenol
Concen: 124.425 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102630.D
Acq: 30 Jan 2018 7:28

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 :

OWS

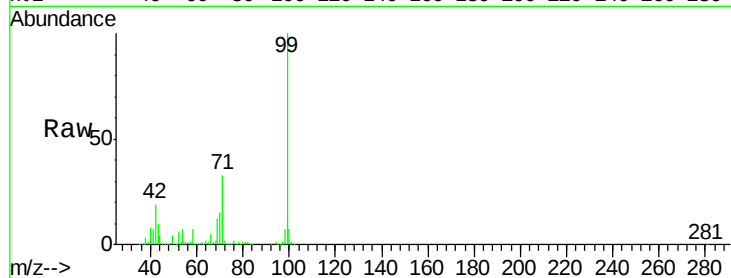
Tgt Ion: 99 Resp: 1452804

Ion Ratio Lower Upper

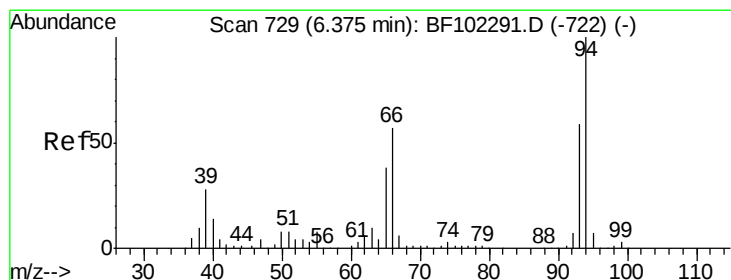
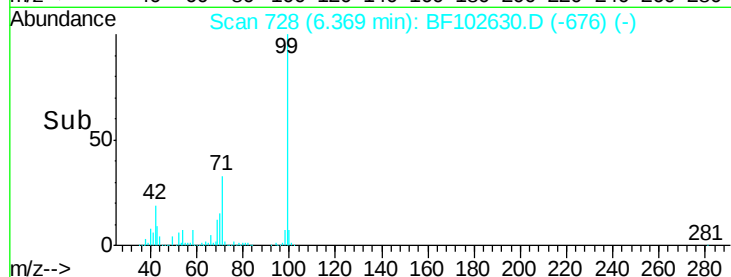
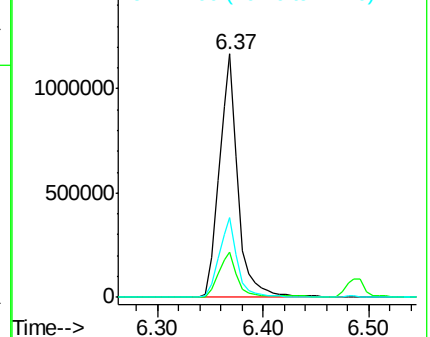
99 100

42 18.7 14.5 21.7

71 32.9 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



#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

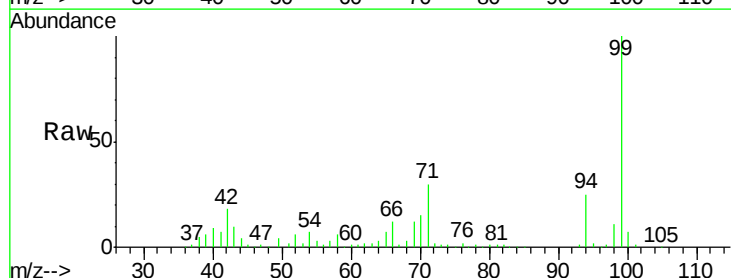
Tgt Ion: 94 Resp: 54249

Ion Ratio Lower Upper

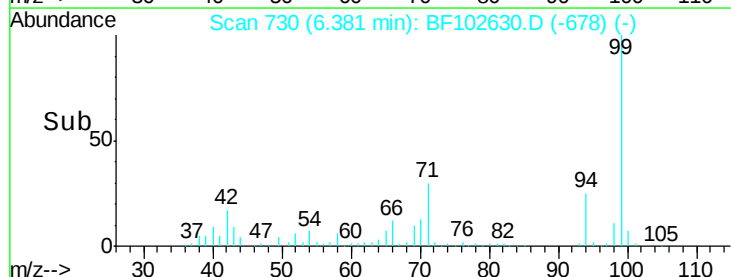
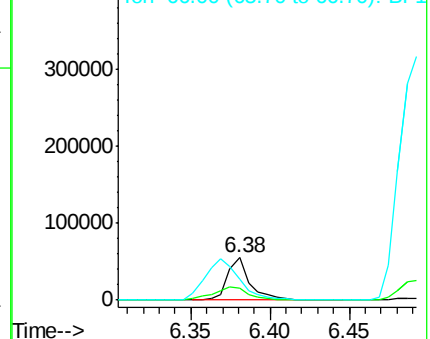
94 100

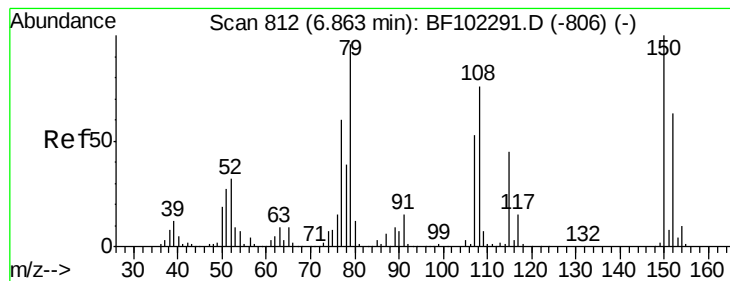
65 28.9 7.9 47.9

66 49.6 16.2 56.2



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





#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 :

OVS

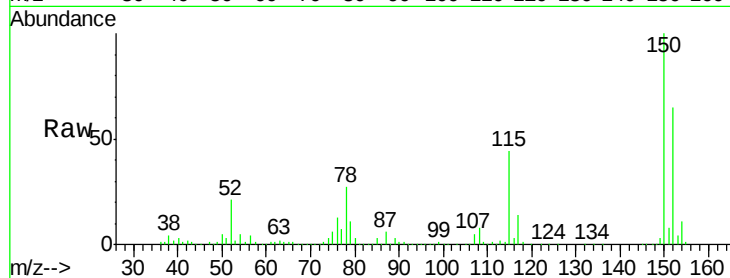
Tgt Ion: 79 Resp: 121061

Ion Ratio Lower Upper

79 100

108 70.8 65.1 97.7

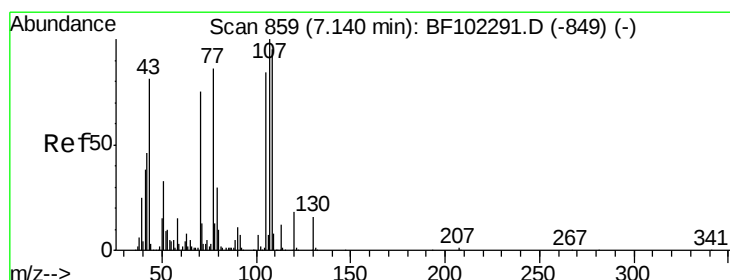
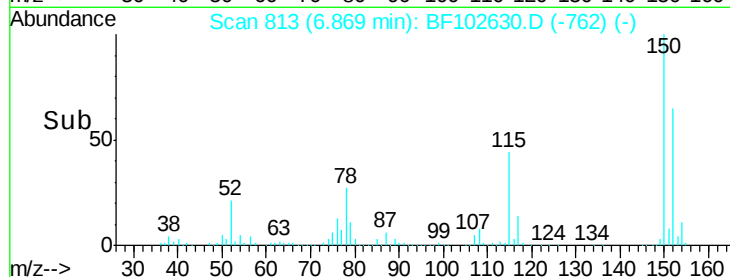
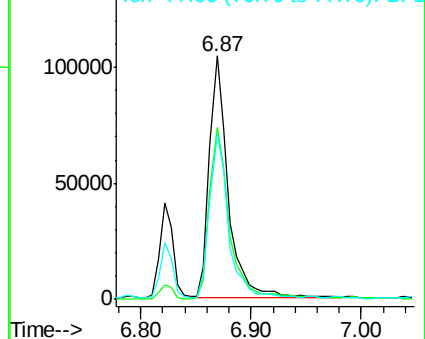
77 68.1 50.6 75.8



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



#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

Tgt Ion: 70 Resp: 33656

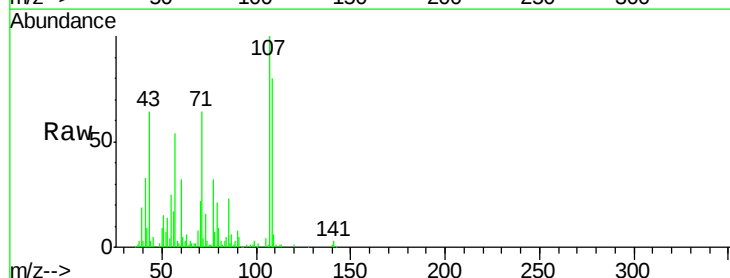
Ion Ratio Lower Upper

70 100

42 38.7 47.5 71.3#

101 9.6 7.4 11.2

130 0.0 16.6 25.0#

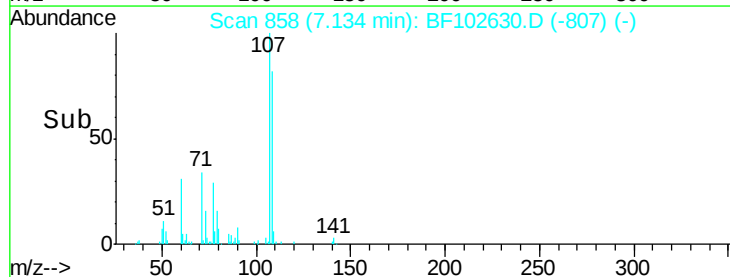
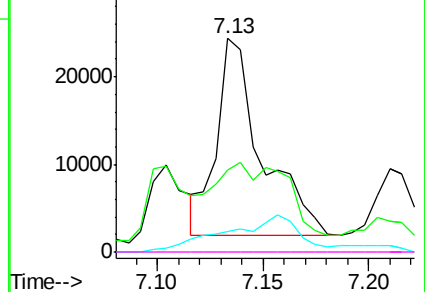


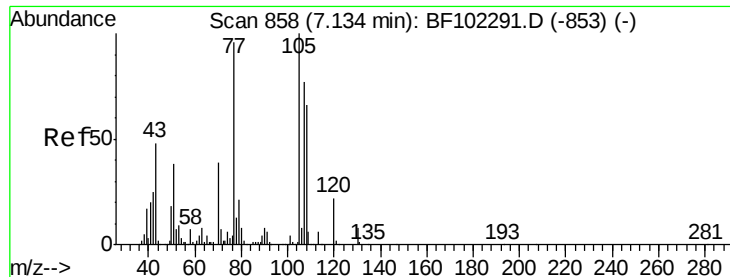
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

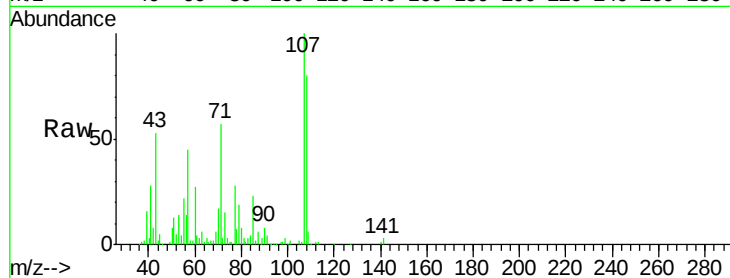




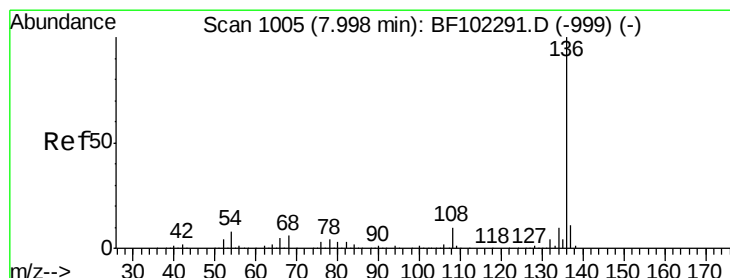
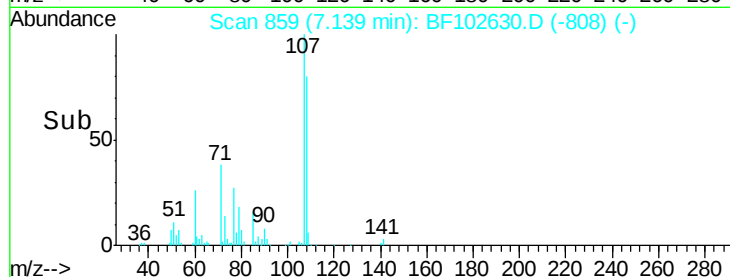
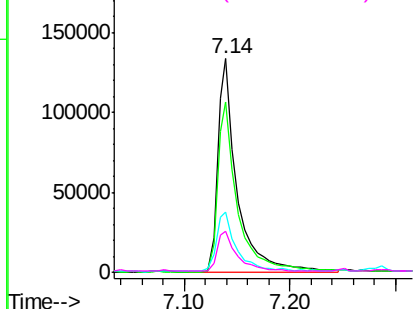
#20
3+4-Methylphenols
Concen: 15.898 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102630.D
Acq: 30 Jan 2018 7:28

Instrument :
BNA_F
ClientSampleId :
OWS

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

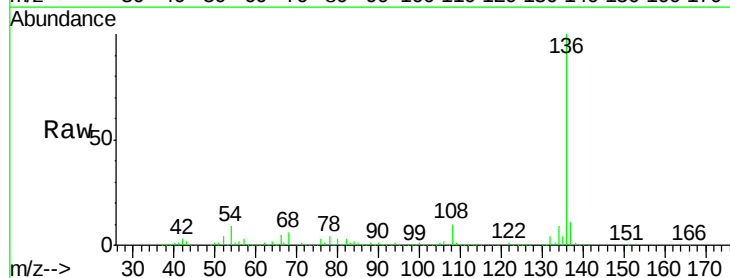


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

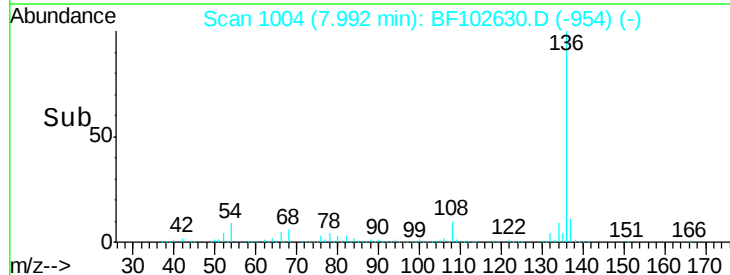
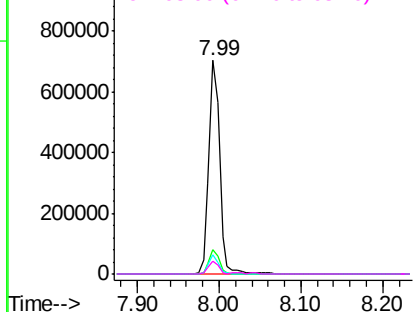


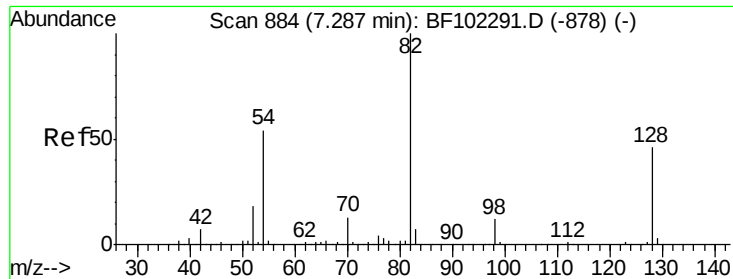
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102630.D
Acq: 30 Jan 2018 7:28

Tgt 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

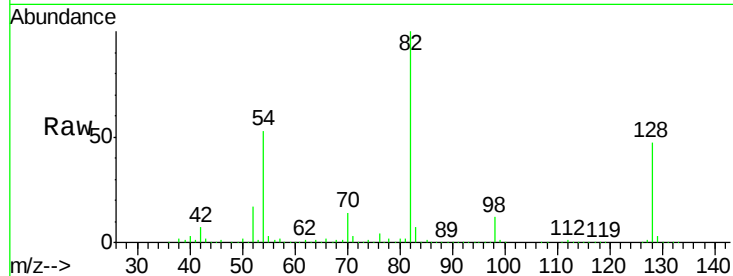




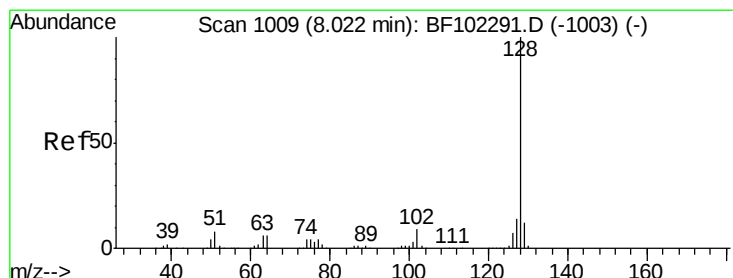
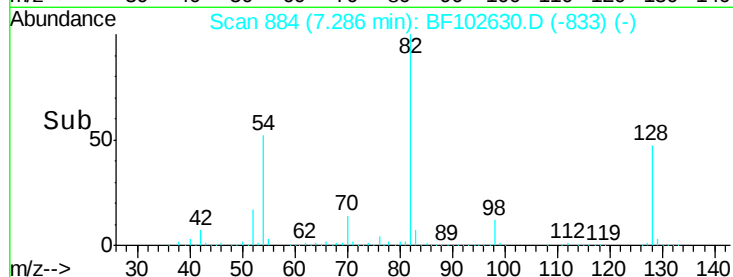
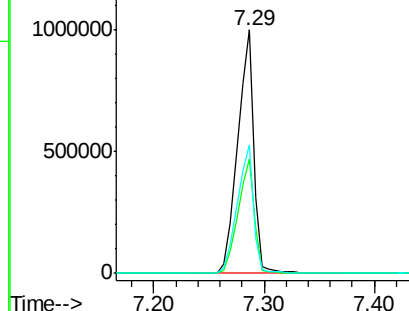
#23
Nitrobenzene-d5
Concen: 91.923 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102630.D
Acq: 30 Jan 2018 7:28

Instrument :
BNA_F
ClientSampleId :
OWS

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

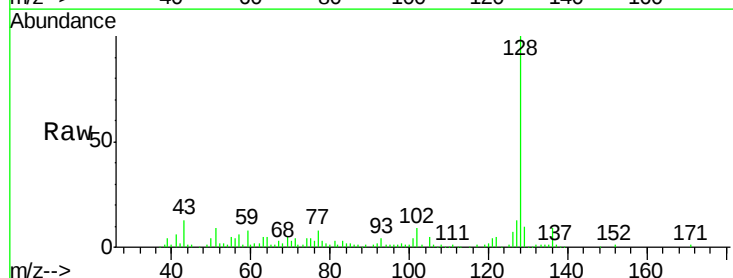


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

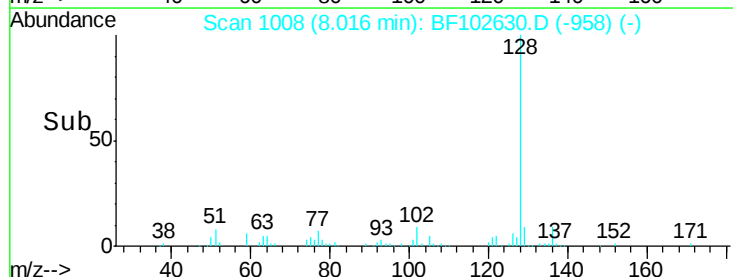
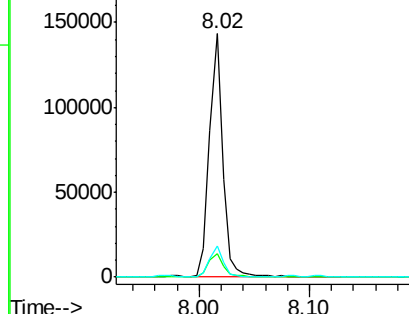


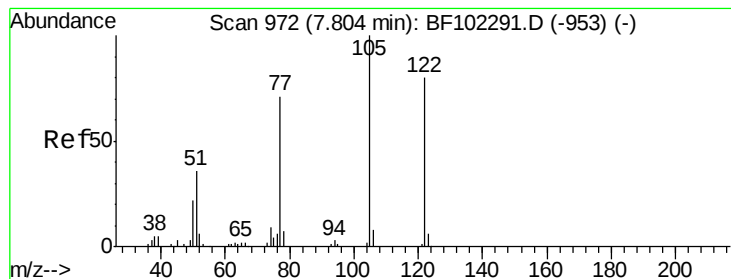
#31
Naphthalene
Concen: 3.637 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF102630.D
Acq: 30 Jan 2018 7:28

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



Abundance Ion 128.00 (127.70 to 128.70): BF1
Ion 129.00 (128.70 to 129.70): BF1
Ion 127.00 (126.70 to 127.70): BF1





#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 :

OWS

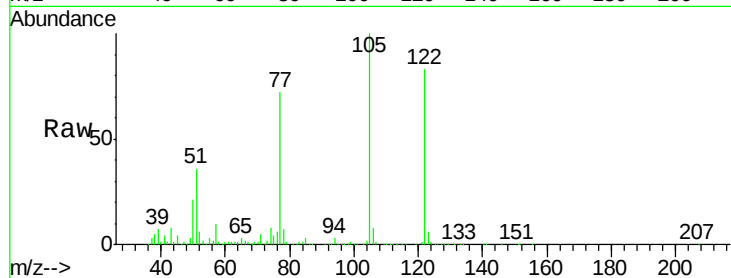
Tgt Ion:122 Resp: 1948713

Ion Ratio Lower Upper

122 100

105 121.0 101.1 141.1

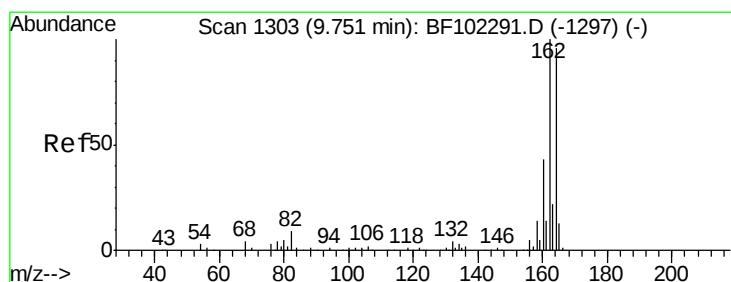
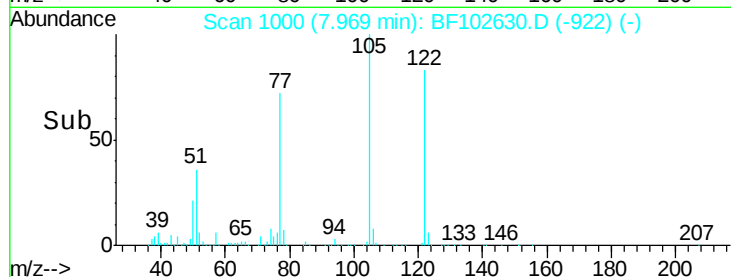
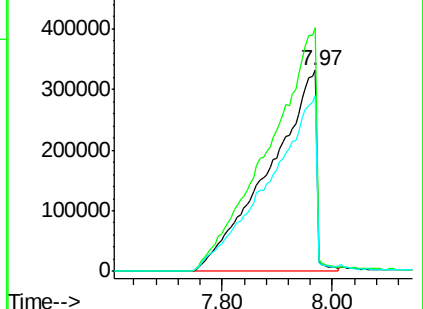
77 87.3 70.7 110.7



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

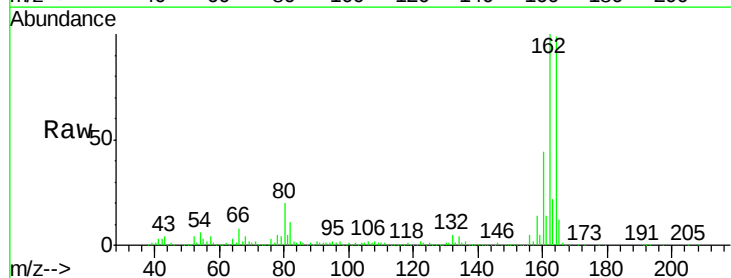
Tgt Ion:164 Resp: 289544

Ion Ratio Lower Upper

164 100

162 101.4 86.1 129.1

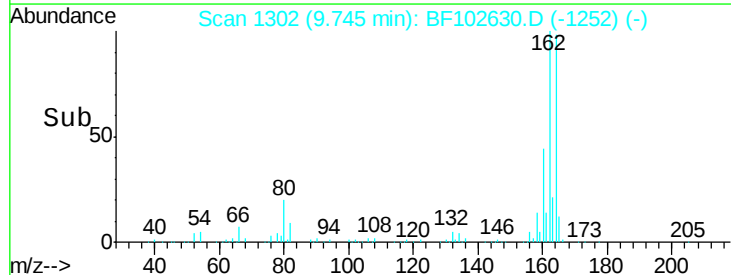
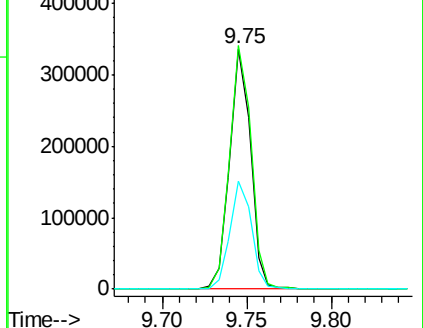
160 44.8 38.3 57.5

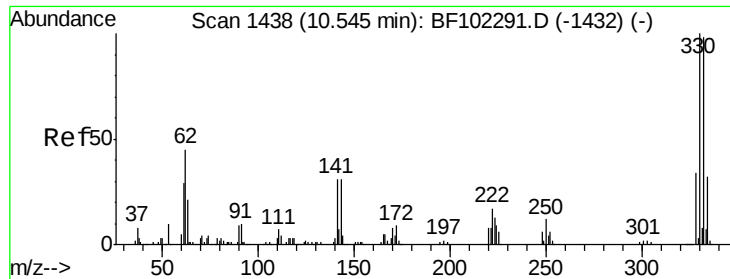


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

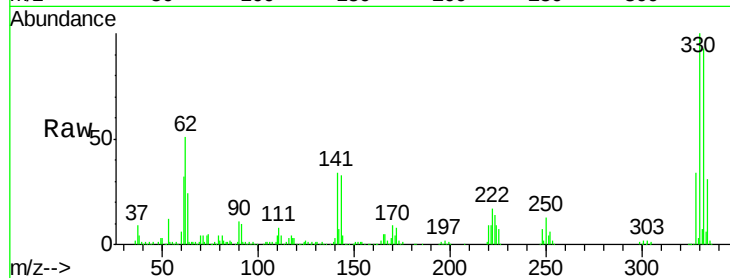




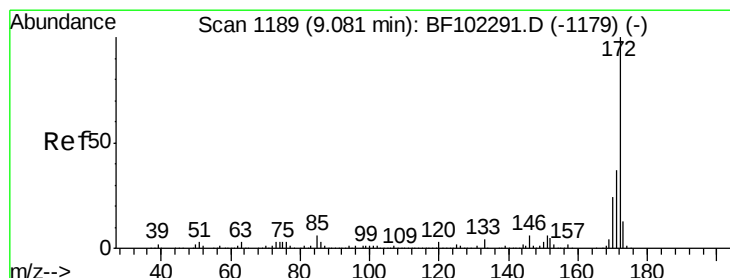
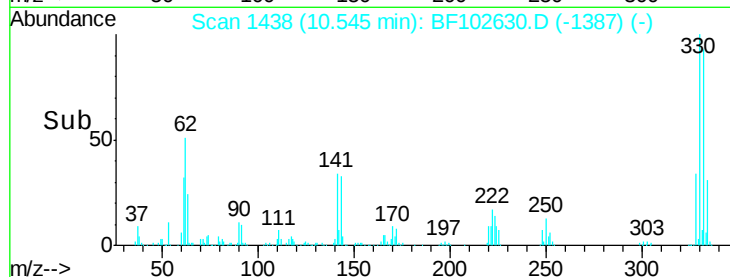
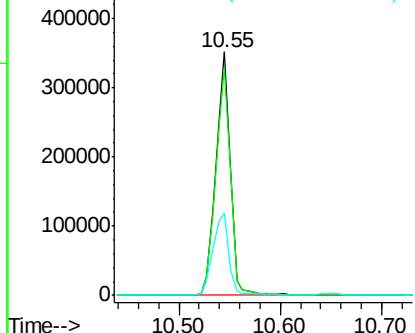
#41
 2,4,6-Tribromophenol
 Concen: 122.264 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102630.D
 Acq: 30 Jan 2018 7:28

Instrument :
 BNA_F
 ClientSampleId :
 OWS

Tgt Ion:330 Resp: 350771
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 36.9 29.9 44.9

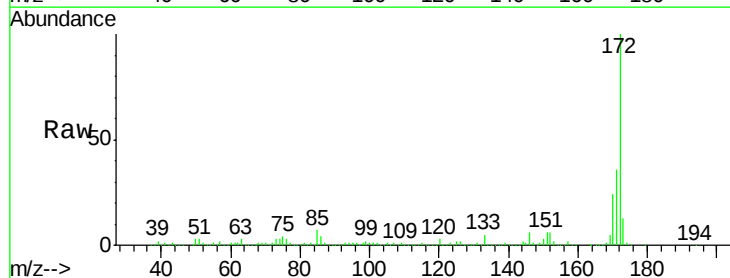


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

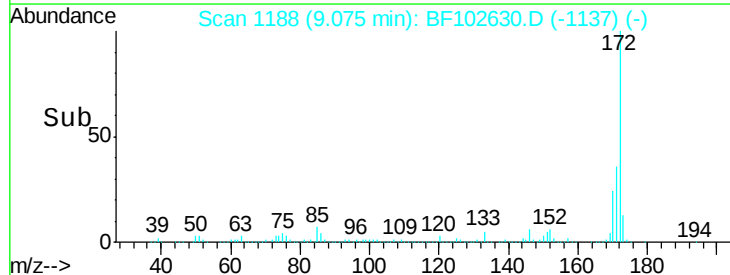
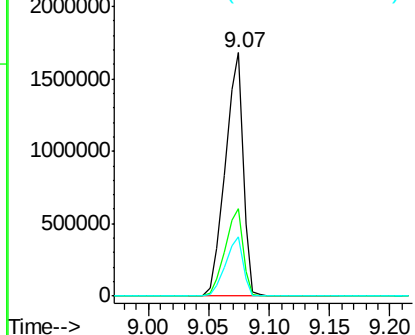


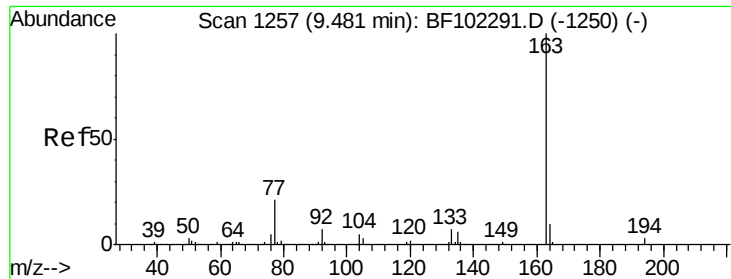
#44
 2-Fluorobiphenyl
 Concen: 87.660 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102630.D
 Acq: 30 Jan 2018 7:28

Tgt Ion:172 Resp: 1726216
 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 :

OWS

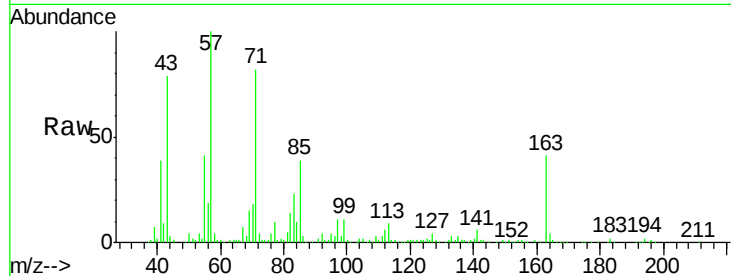
Tgt Ion:163 Resp: 73570

Ion Ratio Lower Upper

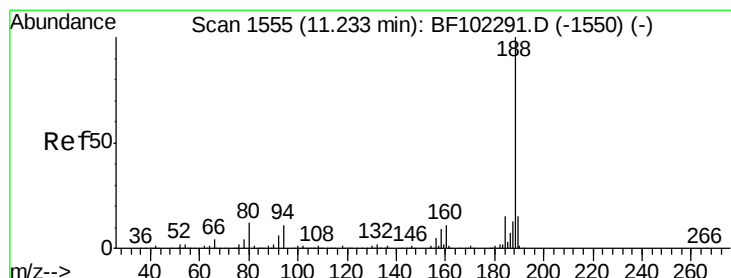
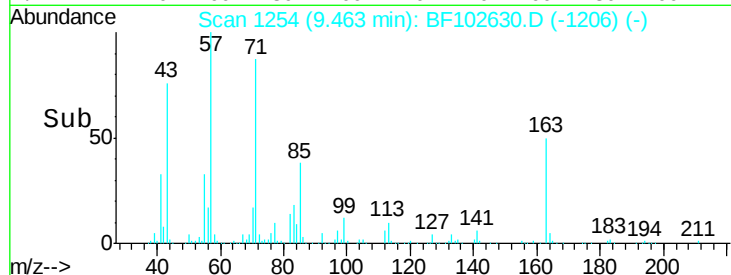
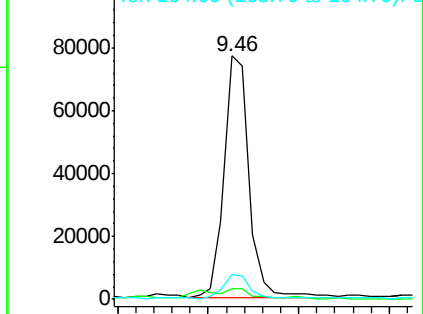
163 100

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

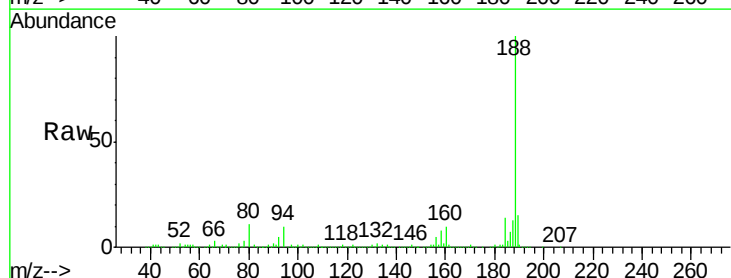
Tgt Ion:188 Resp: 476233

Ion Ratio Lower Upper

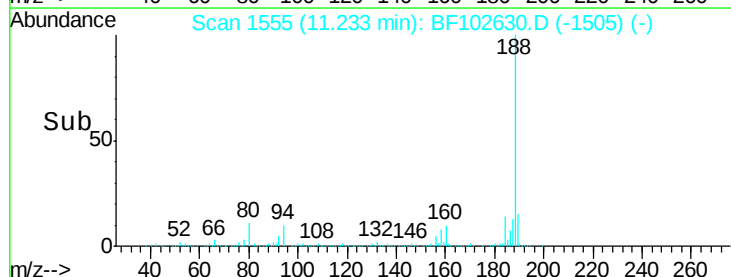
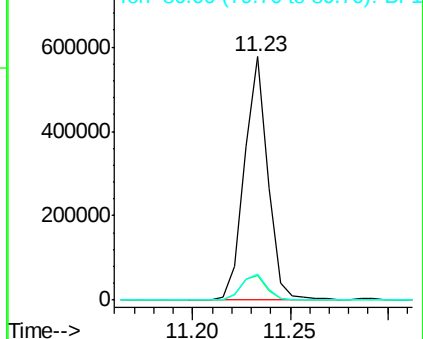
188 100

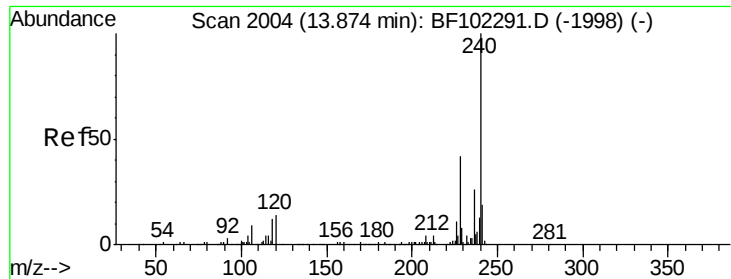
94 10.0 8.5 12.7

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





#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

Instrument :

BNA_F

ClientSampleId :

OWS

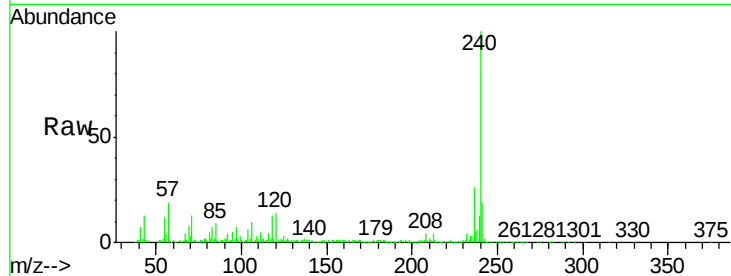
Tgt Ion:240 Resp: 280136

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

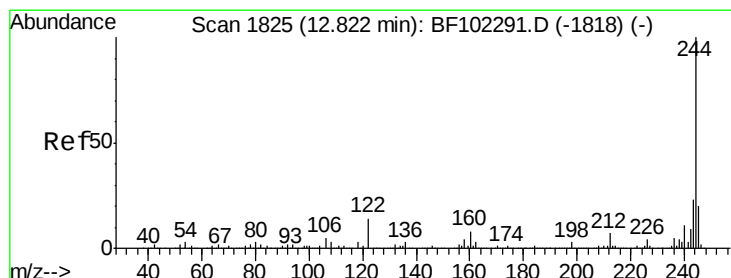
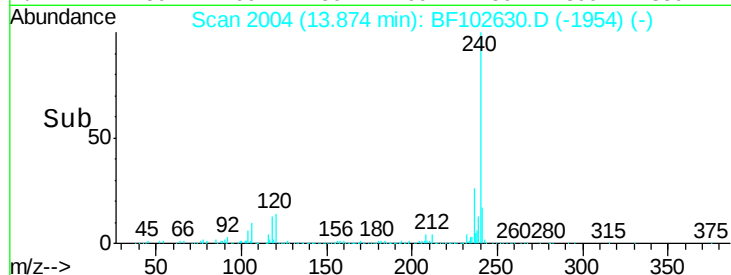
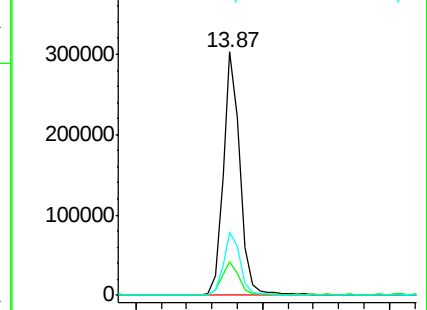
236 26.0 20.7 31.1



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

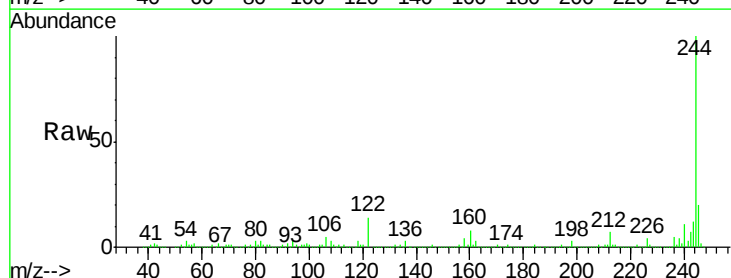
Tgt Ion:244 Resp: 1232305

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

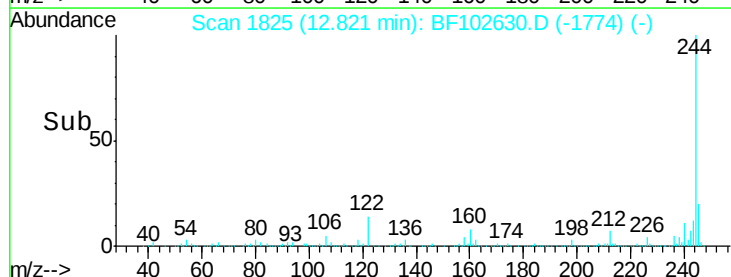
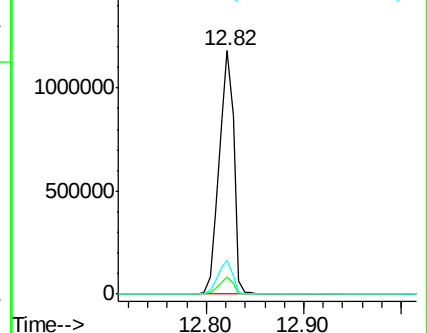
122 13.9 11.0 16.4

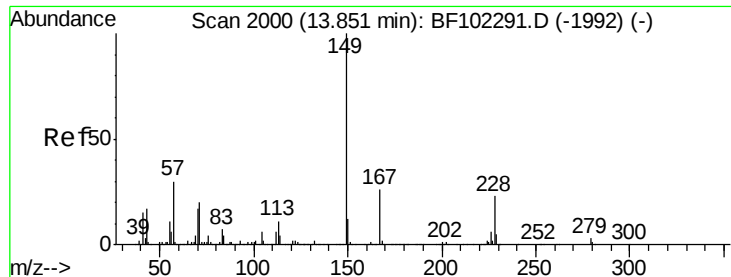


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

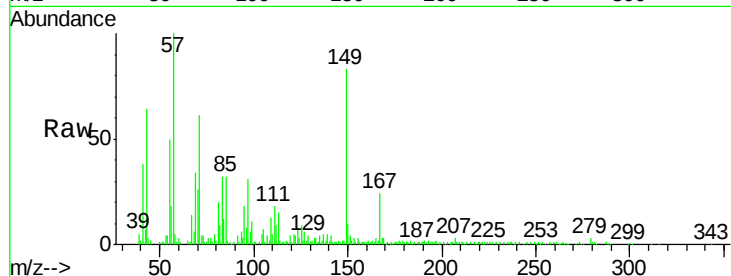




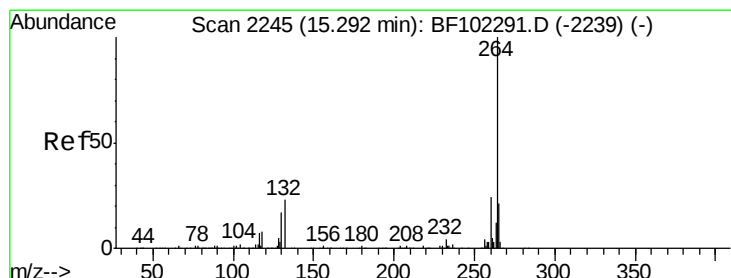
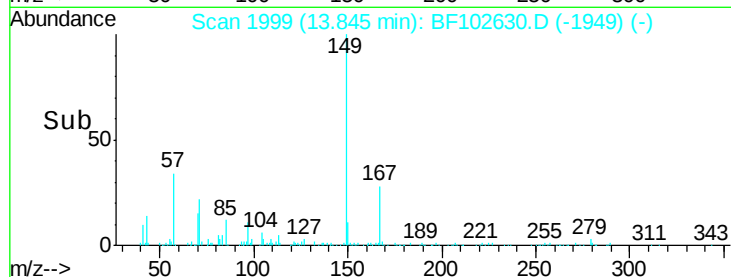
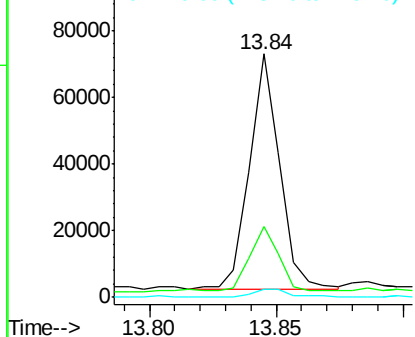
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.005 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF102630.D
 Acq: 30 Jan 2018 7:28

Instrument :
 BNA_F
 ClientSampleId :
 OWS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	21.3	31.9
279	3.5	3.0	4.4

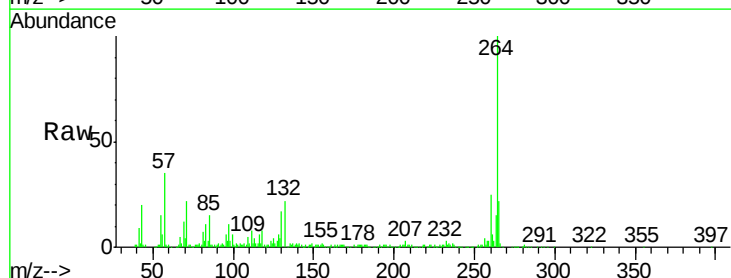


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-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

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



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

