

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083508.D
 Acq On : 5 Dec 2015 11:59
 Operator : UM/IZ
 Sample : G4595-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71

Quant Time: Dec 07 00:17:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

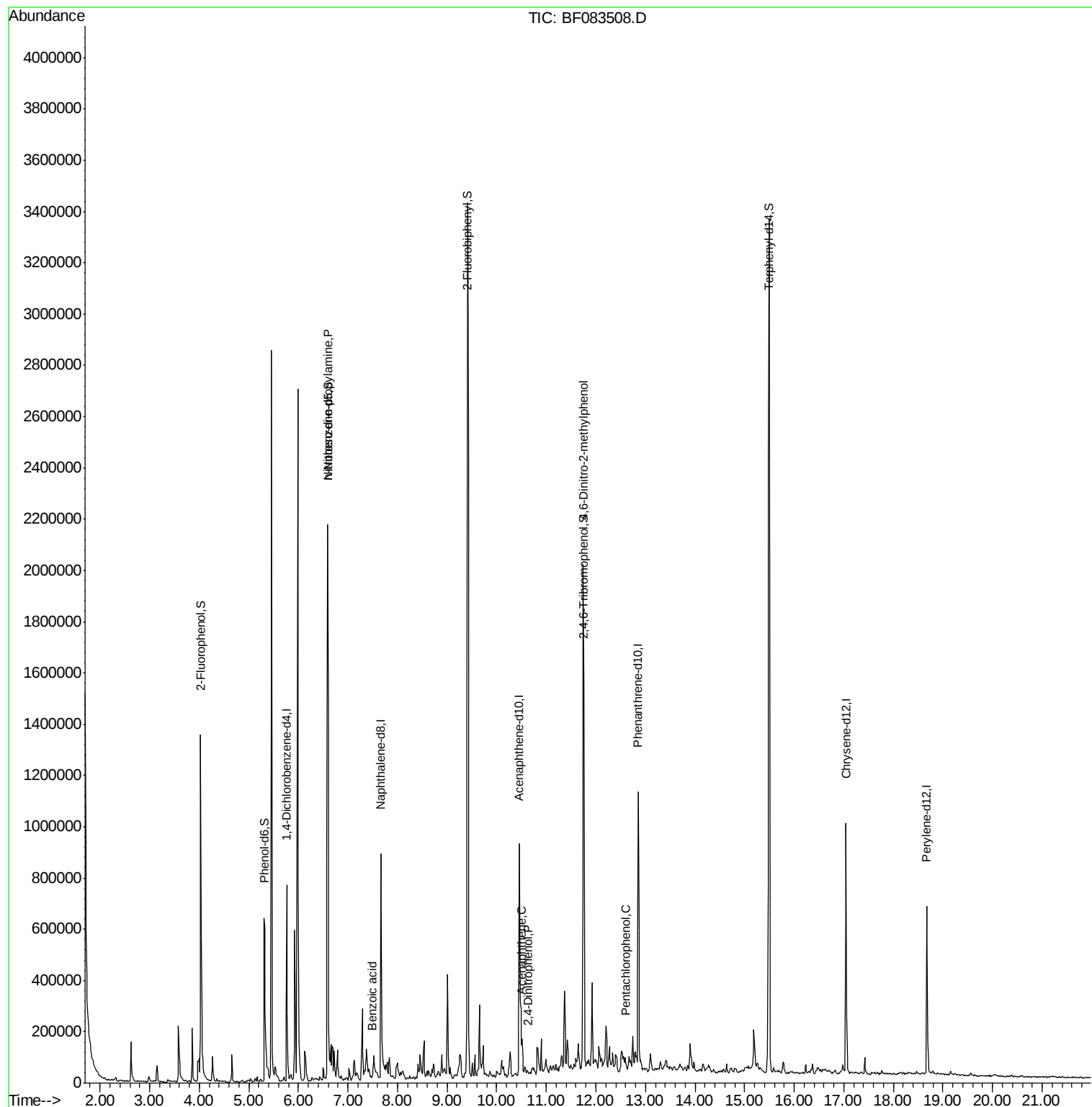
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	152277	20.00	ng	0.00
21) Naphthalene-d8	7.66	136	591298	20.00	ng	-0.01
38) Acenaphthene-d10	10.45	164	297376	20.00	ng	-0.01
63) Phenanthrene-d10	12.85	188	544197	20.00	ng	0.00
75) Chrysene-d12	17.05	240	464029	20.00	ng	0.00
86) Perylene-d12	18.67	264	362532	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.03	112	507454	50.56	ng	0.00
7) Phenol-d6	5.32	99	438588	31.71	ng	0.00
23) Nitrobenzene-d5	6.59	82	1030164	81.44	ng	-0.01
41) 2,4,6-Tribromophenol	11.76	330	350102	127.63	ng	0.00
44) 2-Fluorobiphenyl	9.41	172	1718992	78.40	ng	-0.01
78) Terphenyl-d14	15.49	244	1607510	77.09	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.59	70	135534	14.69	ng	# 83
32) Benzoic acid	7.49	122	1073	2.84	ng	# 1
51) Acenaphthene	10.51	154	38481	2.05	ng	95
53) 2,4-Dinitrophenol	10.63	184	450	7.74	ng	# 54
64) 4,6-Dinitro-2-methylphenol	11.75	198	772	3.68	ng	# 1
69) Pentachlorophenol	12.60	266	1349	4.89	ng	86

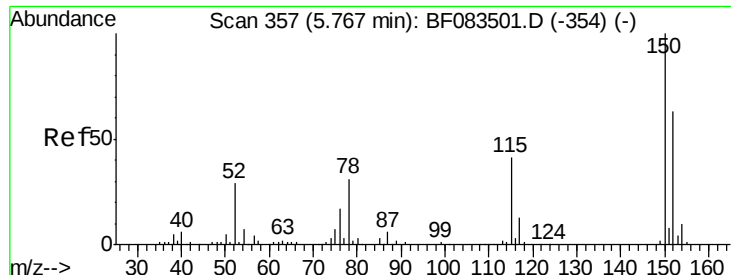
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083508.D
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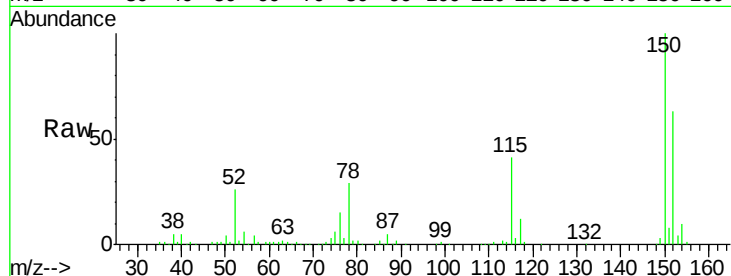


#1

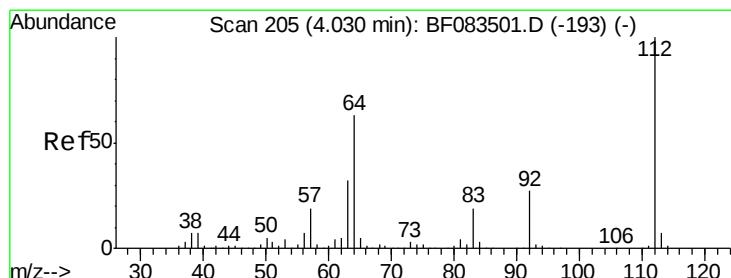
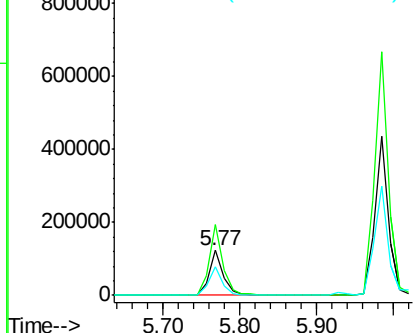
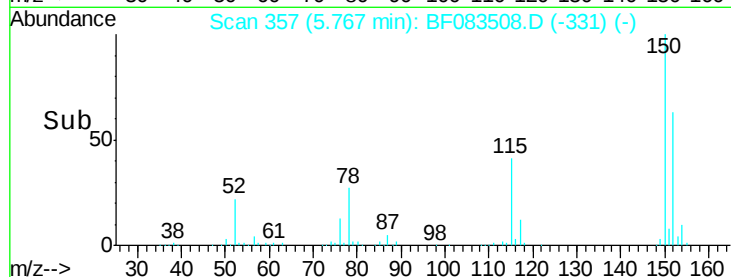
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 357
Delta R.T. 0.00 min
Lab File: BF083508.D
Acq: 5 Dec 2015 11:59

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71

Tot Ion:152 Resp: 152277
Ion Ratio Lower Upper
152 100
150 157.8 126.5 189.7
115 64.5 52.3 78.5



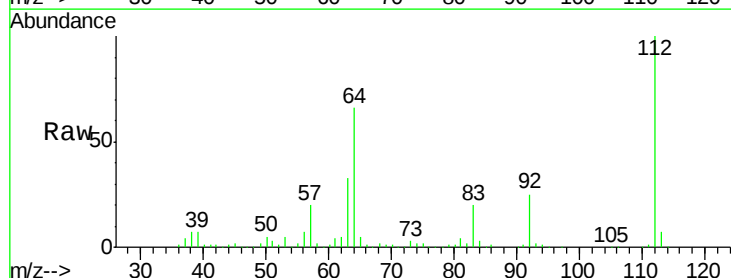
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



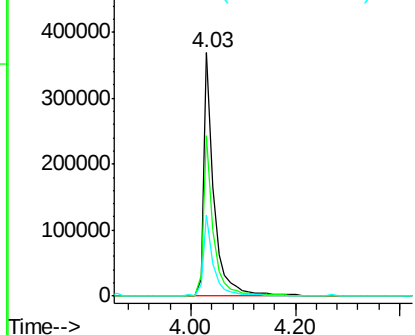
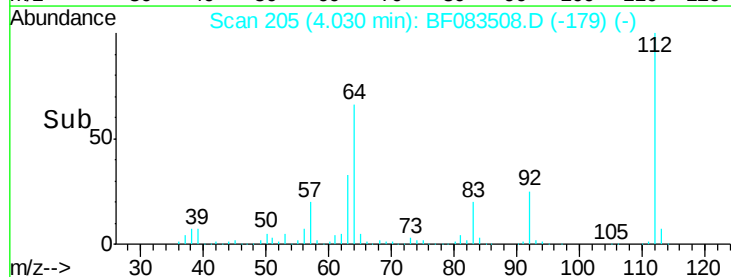
#5

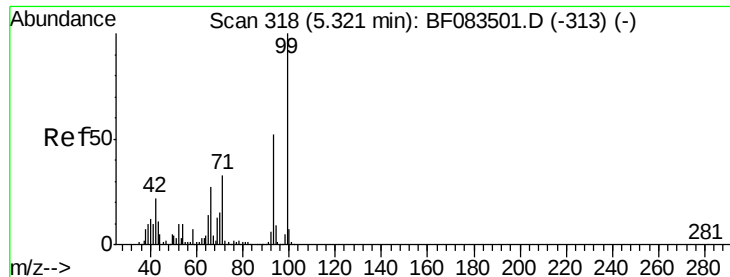
2-Fluorophenol
Concen: 50.56 ng
RT: 4.03 min Scan# 205
Delta R.T. 0.00 min
Lab File: BF083508.D
Acq: 5 Dec 2015 11:59

Tgt Ion:112 Resp: 507454
Ion Ratio Lower Upper
112 100
64 65.9 50.5 75.7
63 33.2 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.71 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083508.D

Acq: 5 Dec 2015 11:59

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71

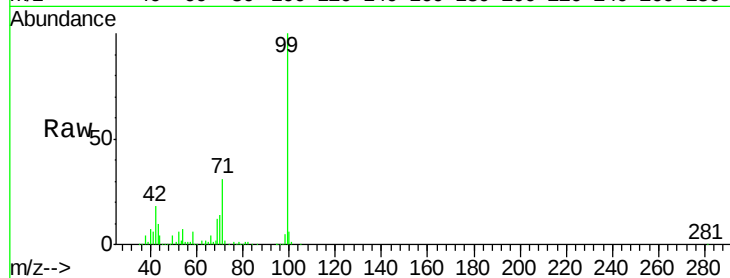
Tot Ion: 99 Resp: 438588

Ion Ratio Lower Upper

99 100

42 17.6 17.3 25.9

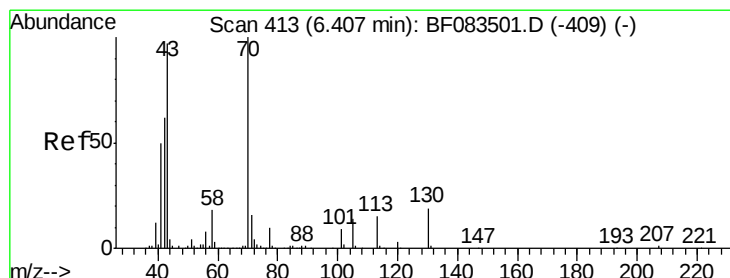
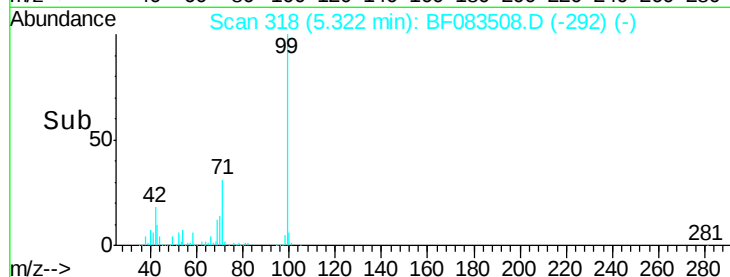
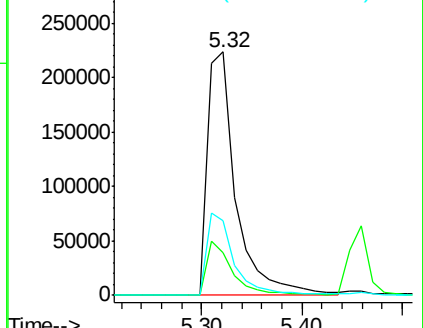
71 30.7 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.69 ng

RT: 6.59 min Scan# 429

Delta R.T. 0.18 min

Lab File: BF083508.D

Acq: 5 Dec 2015 11:59

Tgt Ion: 70 Resp: 135534

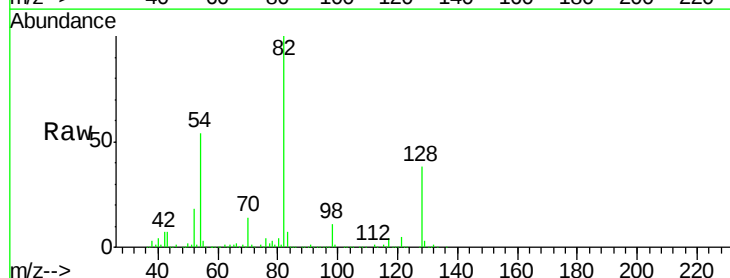
Ion Ratio Lower Upper

70 100

42 54.4 49.2 73.8

101 0.0 7.1 10.7#

130 1.9 15.4 23.0#

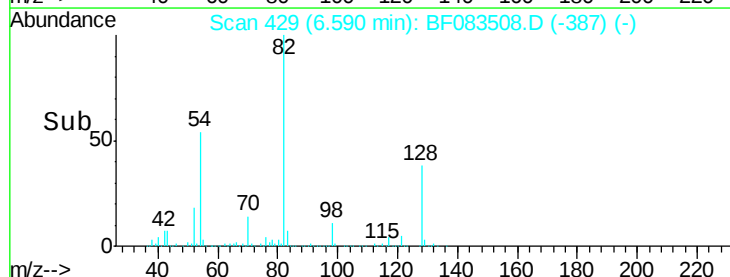
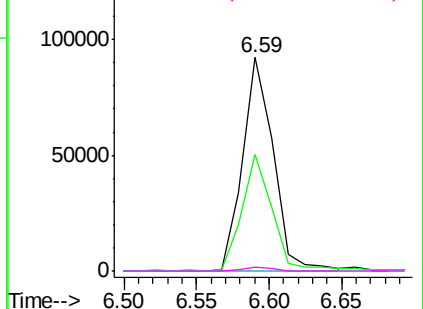


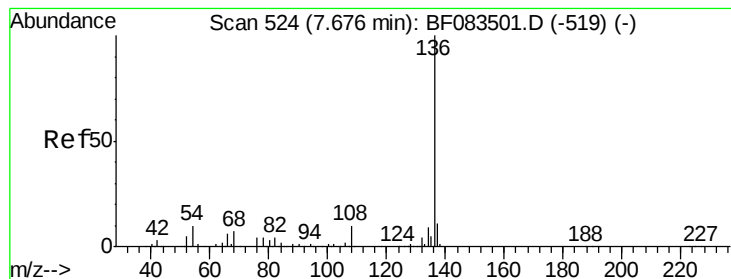
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF083508.D

Acq: 5 Dec 2015 11:59

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71

Tot Ion:136 Resp: 591298

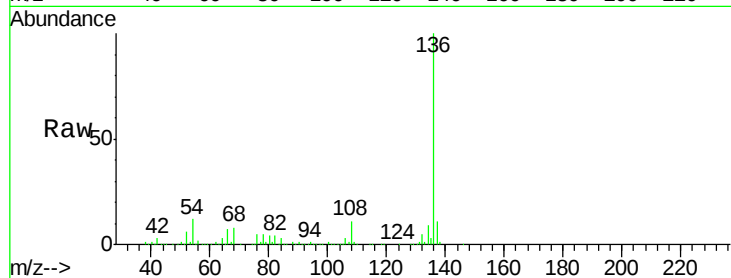
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 11.9 7.8 11.6#

68 7.9 5.7 8.5

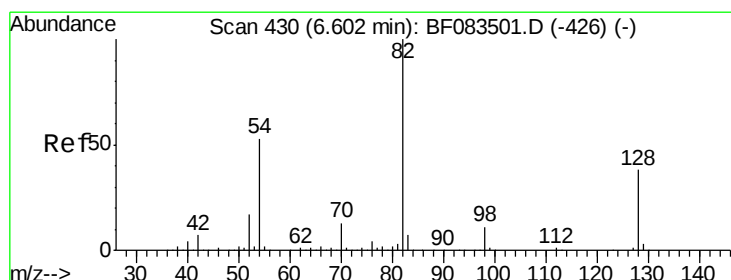
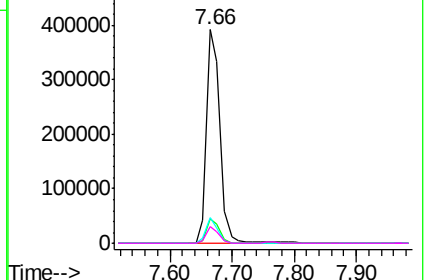
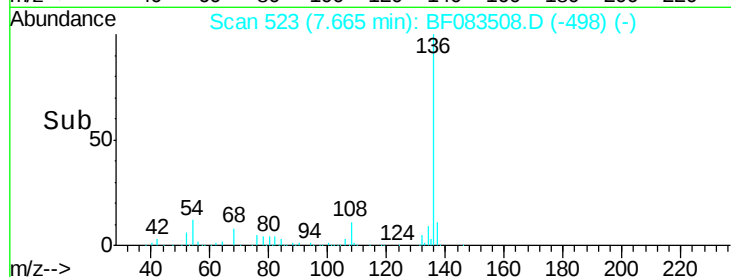


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 81.44 ng

RT: 6.59 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF083508.D

Acq: 5 Dec 2015 11:59

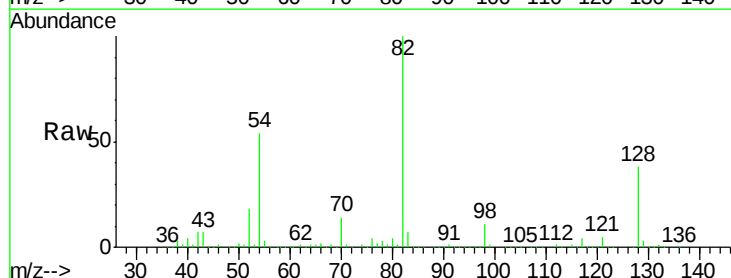
Tgt Ion: 82 Resp: 1030164

Ion Ratio Lower Upper

82 100

128 37.5 30.7 46.1

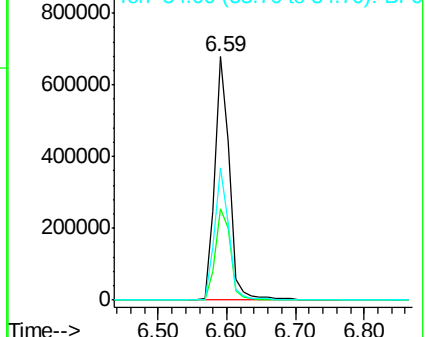
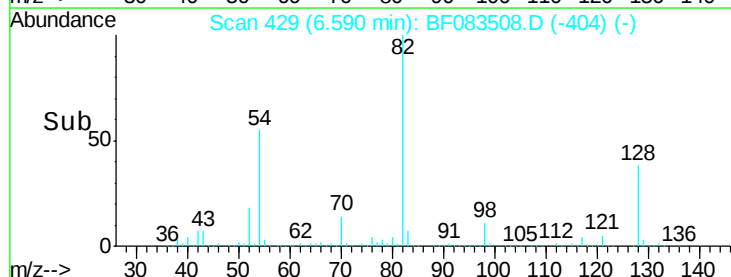
54 54.5 42.5 63.7

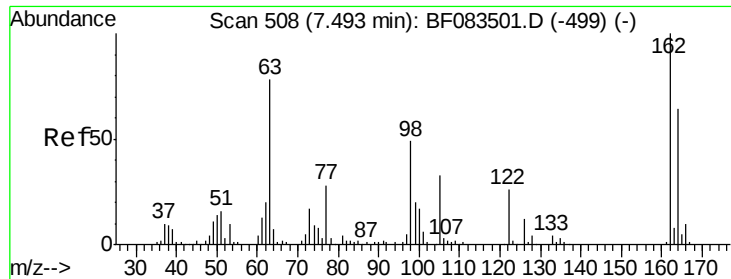


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

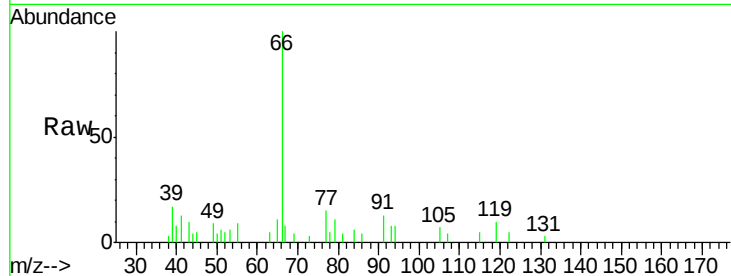




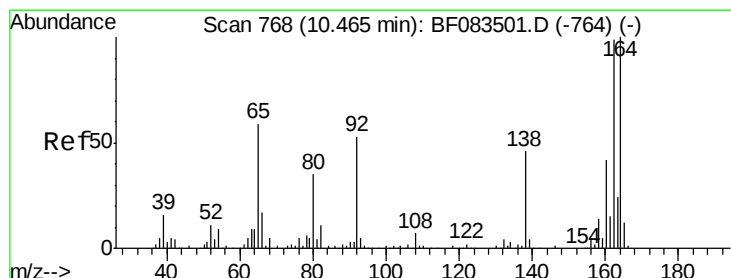
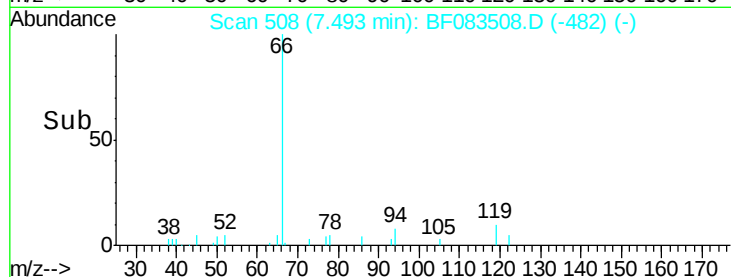
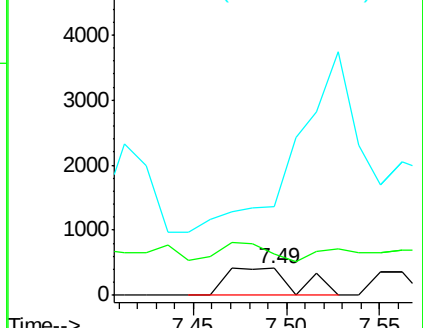
#32
Benzoic acid
Concen: 2.84 ng
RT: 7.49 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF083508.D
Acq: 5 Dec 2015 11:59

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71

Tot Ion:122 Resp: 1073
Ion Ratio Lower Upper
122 100
105 151.1 105.6 145.6#
77 324.9 86.8 126.8#

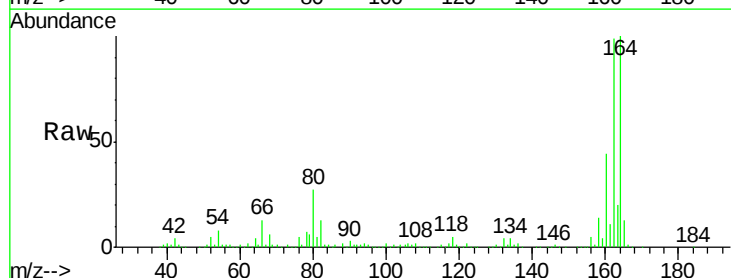


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

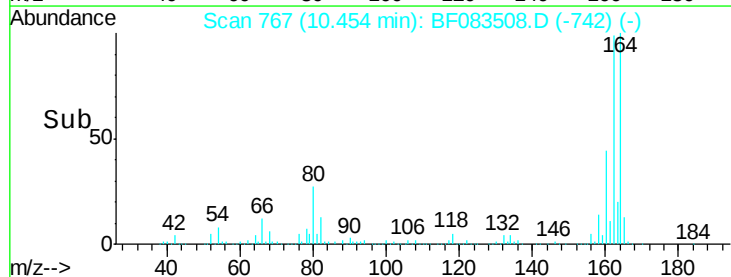
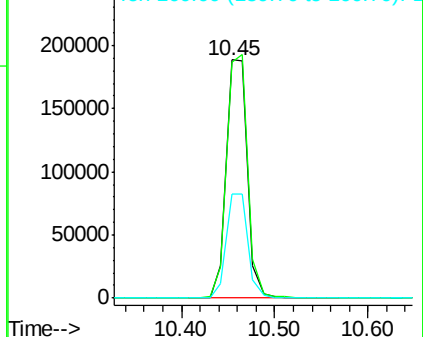


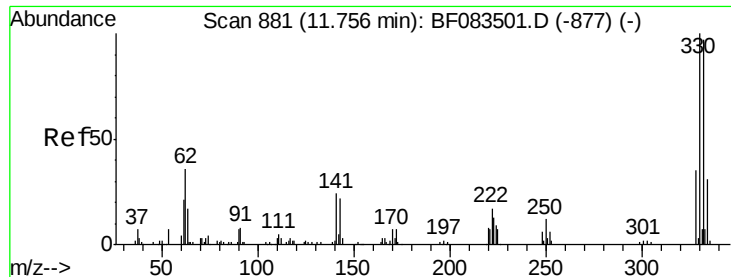
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF083508.D
Acq: 5 Dec 2015 11:59

Tgt Ion:164 Resp: 297376
Ion Ratio Lower Upper
164 100
162 98.9 78.8 118.2
160 43.7 33.4 50.2



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

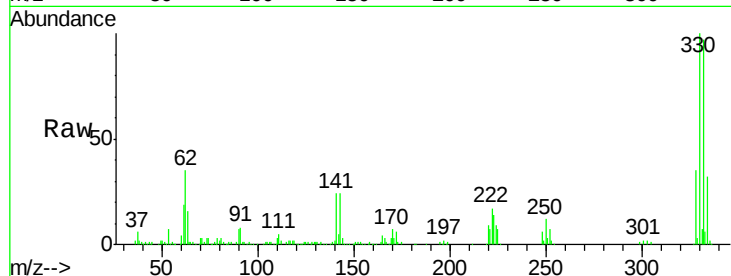




#41
 2,4,6-Tribromophenol
 Concen: 127.63 ng
 RT: 11.76 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF083508.D
 Acq: 5 Dec 2015 11:59

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	38.1	0.0	0.0#

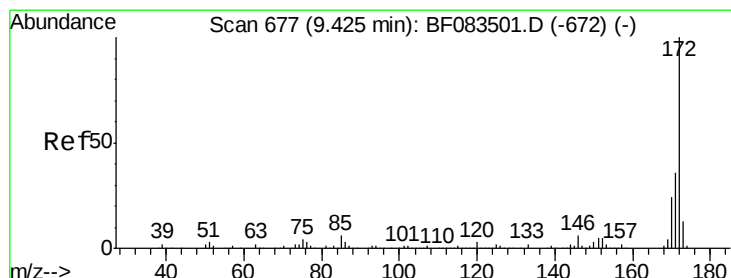
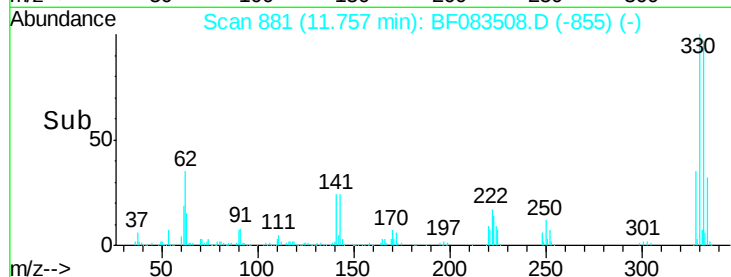
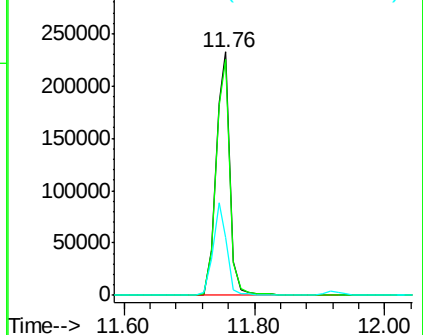


Abundance

Ion 329.80 (329.50 to 330.50): E

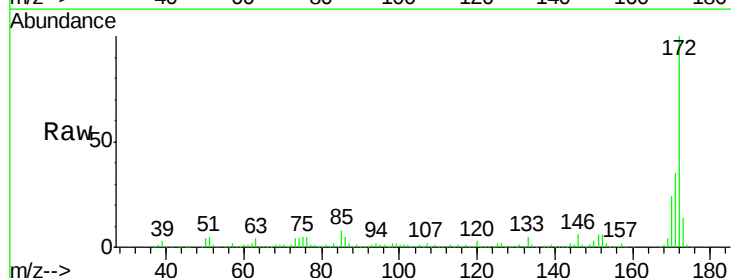
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.40 ng
 RT: 9.41 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF083508.D
 Acq: 5 Dec 2015 11:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	24.3	19.4	29.0

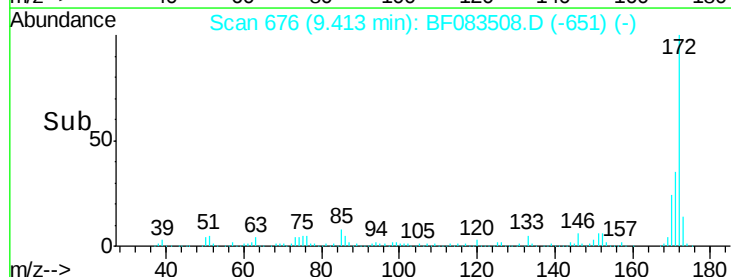
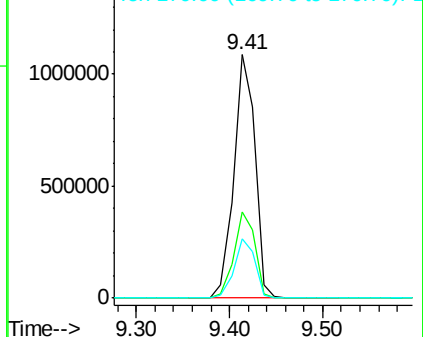


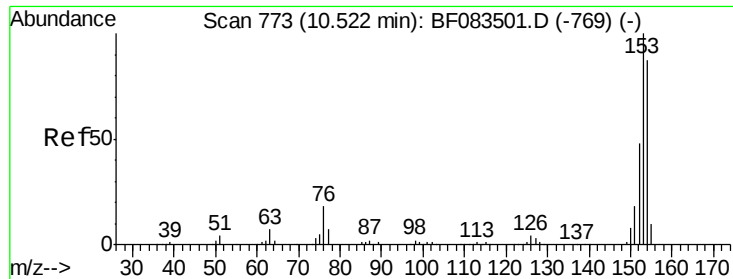
Abundance

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





#51

Acenaphthene

Concen: 2.05 ng

RT: 10.51 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF083508.D

Acq: 5 Dec 2015 11:59

Instrument :

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20151124MGP211BRV71

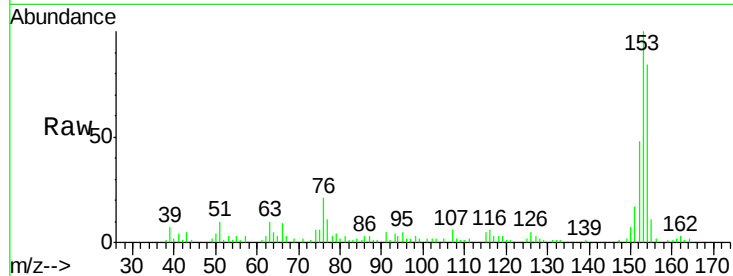
Tot Ion:154 Resp: 38481

Ion Ratio Lower Upper

154 100

153 119.3 91.4 137.0

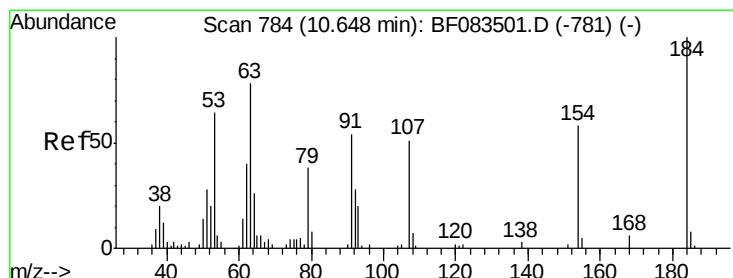
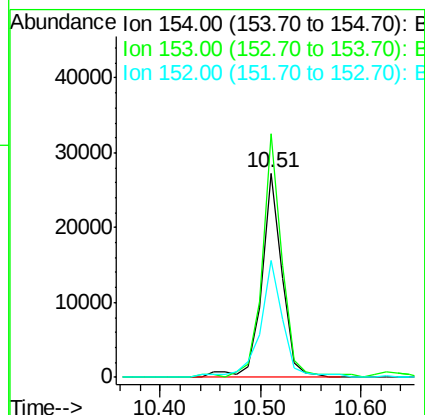
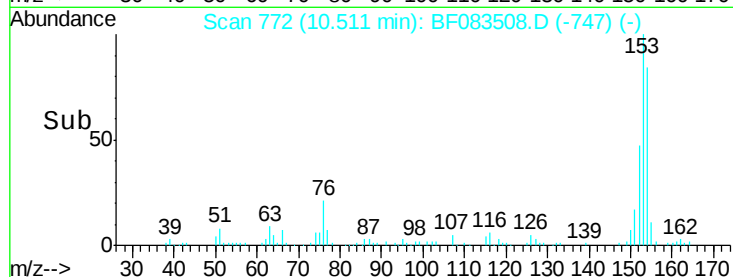
152 57.6 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 7.74 ng

RT: 10.63 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF083508.D

Acq: 5 Dec 2015 11:59

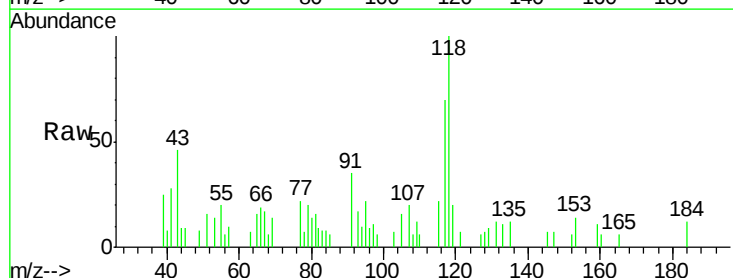
Tgt Ion:184 Resp: 450

Ion Ratio Lower Upper

184 100

63 59.0 62.4 93.6#

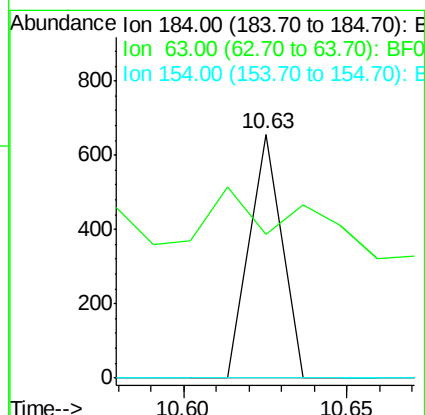
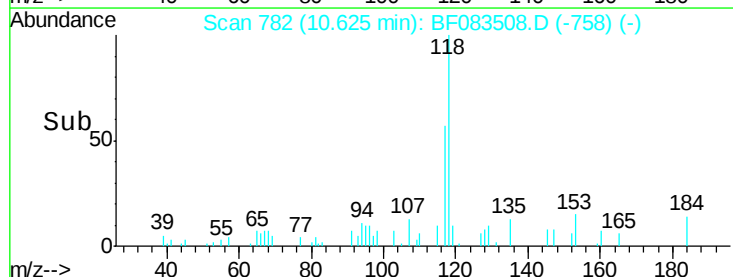
154 0.0 46.6 69.8#

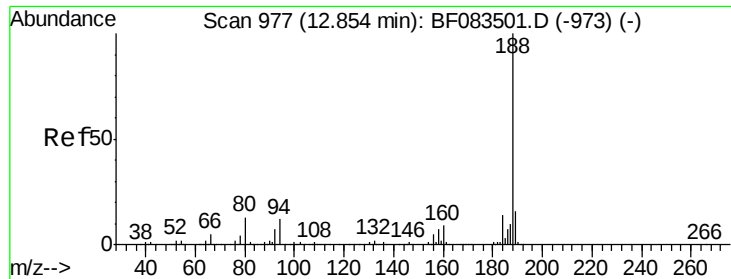


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.85 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF083508.D

Acq: 5 Dec 2015 11:59

Instrument :

BNA_F

ClientSampleId :

20151124MGP211BRV71

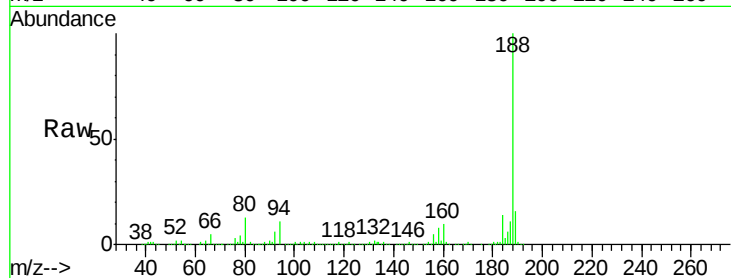
Tot Ion:188 Resp: 544197

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

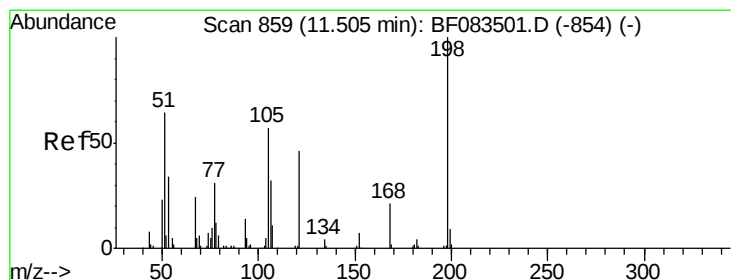
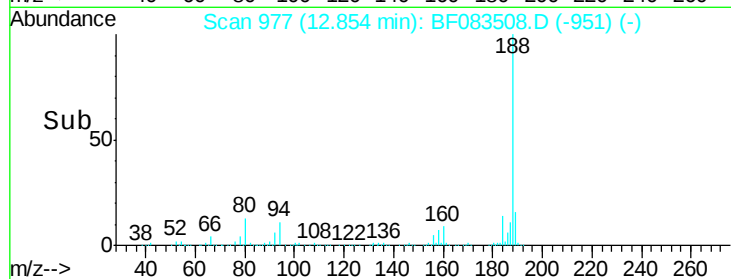
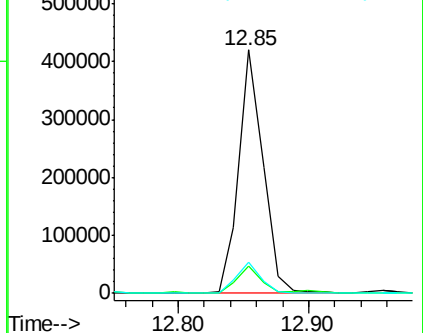
80 13.0 10.6 16.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 3.68 ng

RT: 11.75 min Scan# 880

Delta R.T. 0.24 min

Lab File: BF083508.D

Acq: 5 Dec 2015 11:59

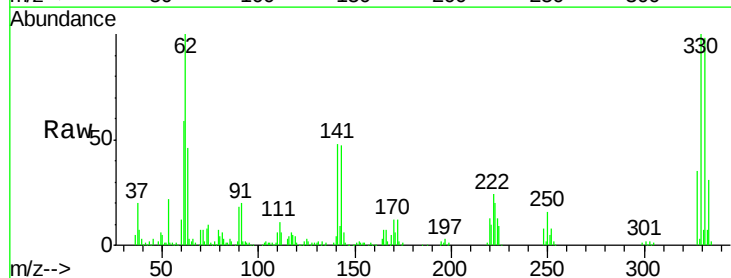
Tgt Ion:198 Resp: 772

Ion Ratio Lower Upper

198 100

51 375.3 53.8 93.8#

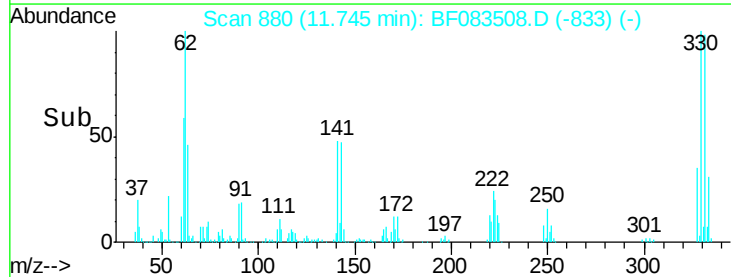
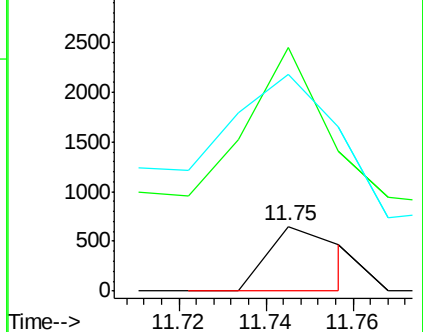
105 333.7 38.6 78.6#

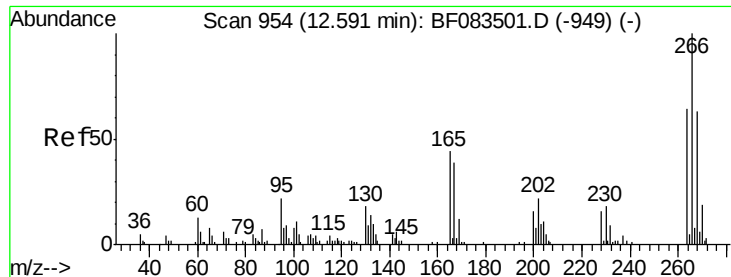


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

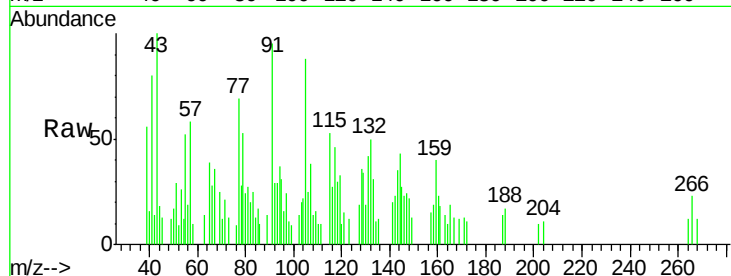




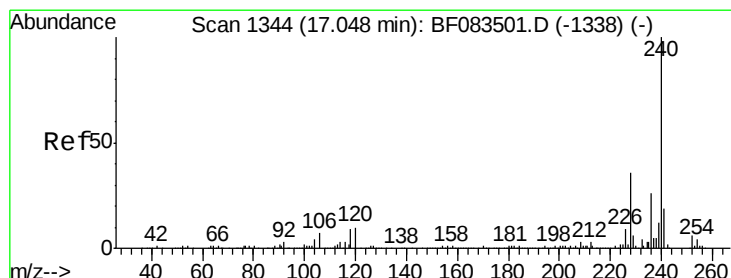
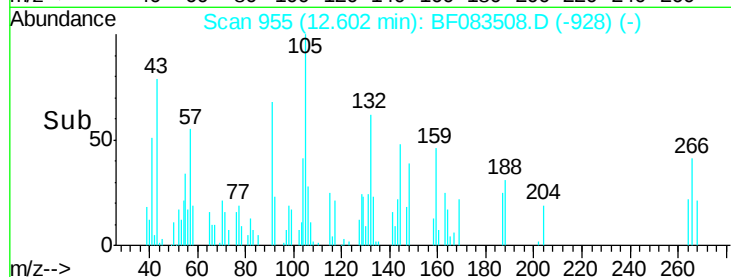
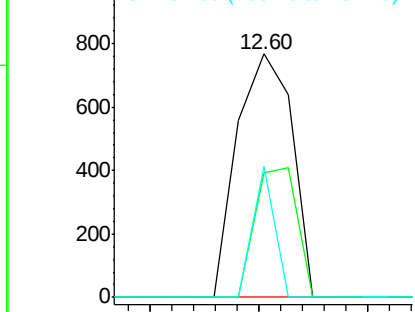
#69
 Pentachlorophenol
 Concen: 4.89 ng
 RT: 12.60 min Scan# 955
 Delta R.T. 0.01 min
 Lab File: BF083508.D
 Acq: 5 Dec 2015 11:59

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71

Tot Ion:266 Resp: 1349
 Ion Ratio Lower Upper
 266 100
 268 51.0 50.2 75.2
 264 54.0 51.4 77.2

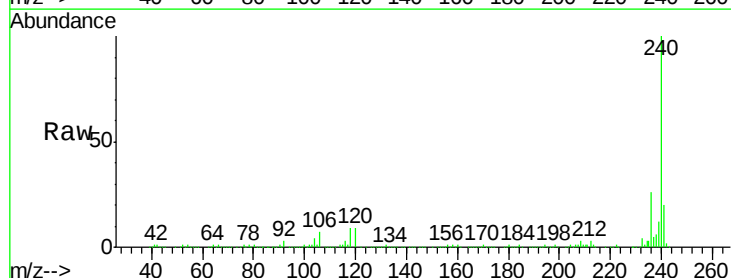


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

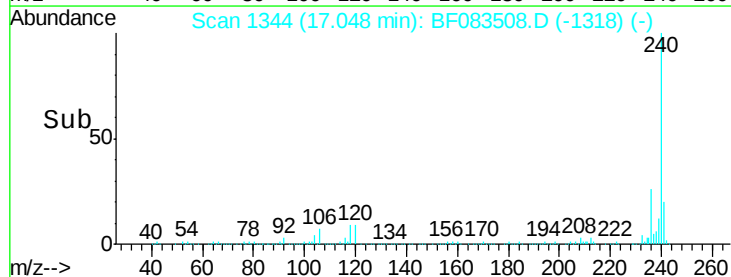
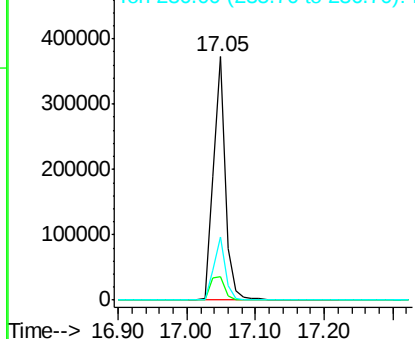


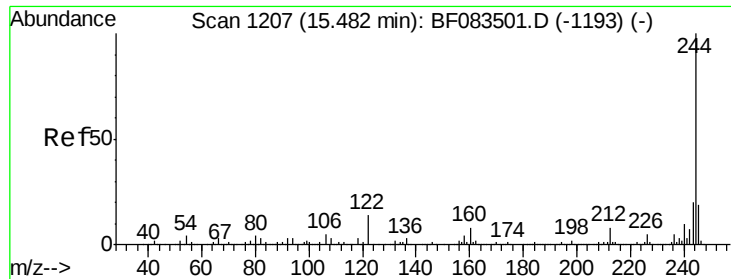
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.05 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF083508.D
 Acq: 5 Dec 2015 11:59

Tgt Ion:240 Resp: 464029
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.1 12.1
 236 25.7 20.8 31.2



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

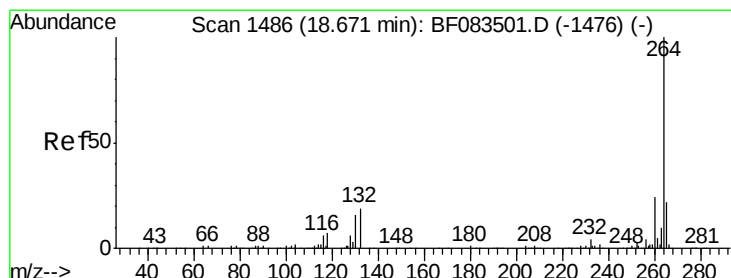
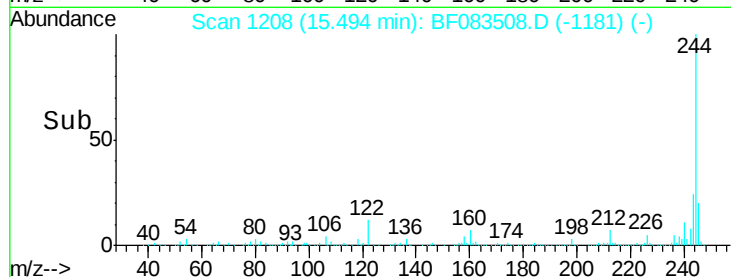
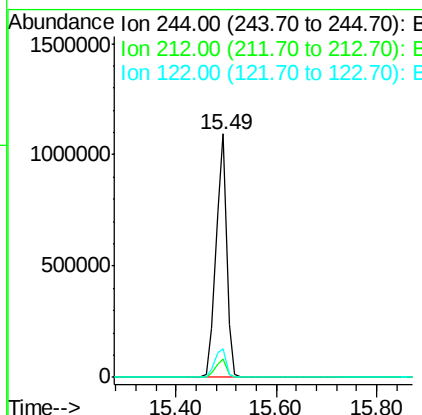
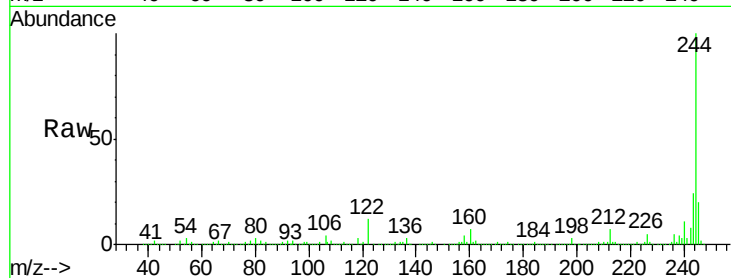




#78
 Terphenyl-d14
 Concen: 77.09 ng
 RT: 15.49 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF083508.D
 Acq: 5 Dec 2015 11:59

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP211BRV71

Tot Ion:244 Resp: 1607510
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 12.0 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.67 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF083508.D
 Acq: 5 Dec 2015 11:59

Tgt Ion:264 Resp: 362532
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 21.6 17.8 26.6

