

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083523.D
 Acq On : 5 Dec 2015 23:48
 Operator : UM/IZ
 Sample : G4595-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP1211BRV71

Quant Time: Dec 07 00:22:28 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

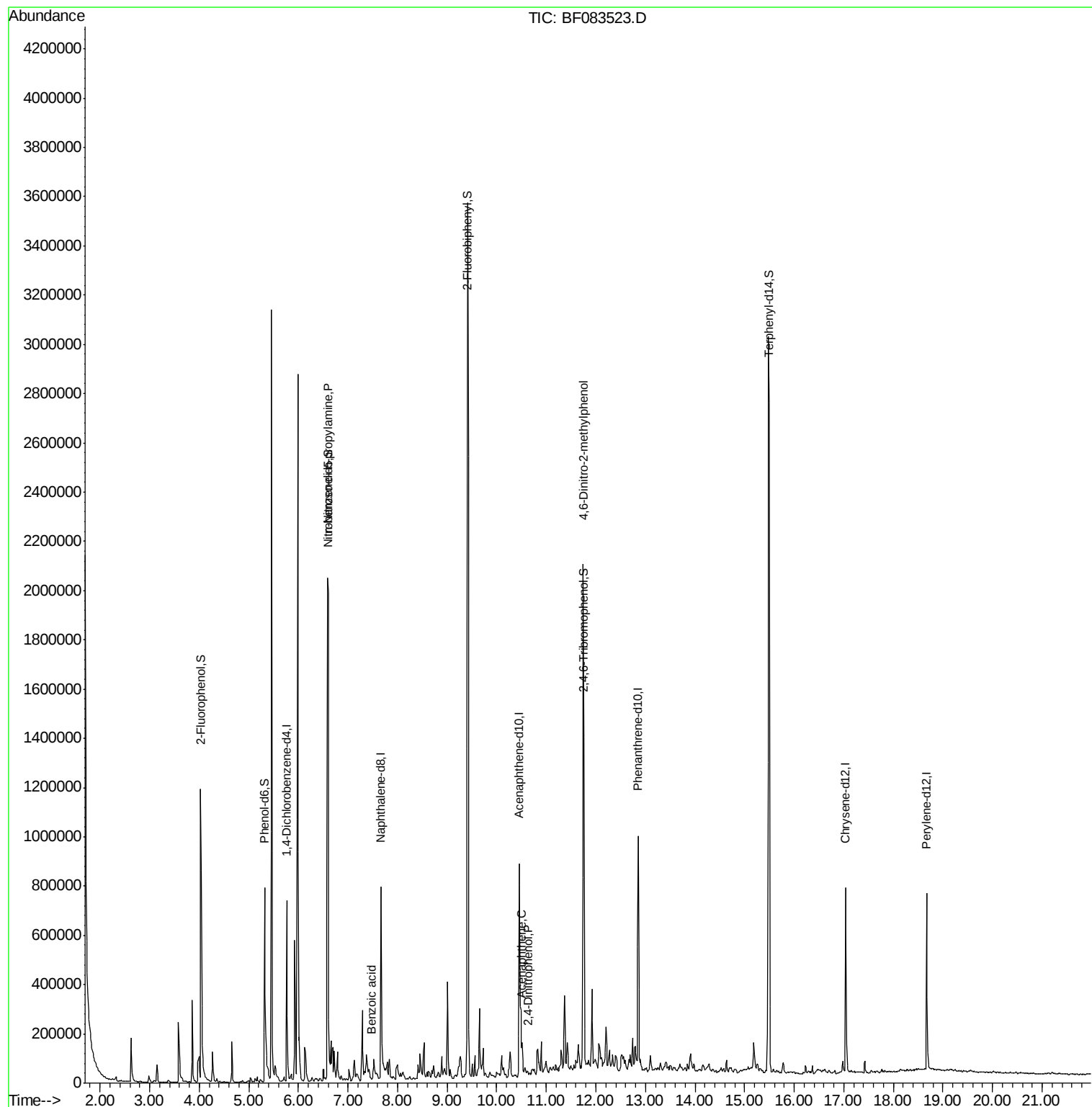
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	142533	20.00	ng	0.00
21) Naphthalene-d8	7.66	136	558217	20.00	ng	-0.01
38) Acenaphthene-d10	10.45	164	269332	20.00	ng	-0.01
63) Phenanthrene-d10	12.85	188	491162	20.00	ng	0.00
75) Chrysene-d12	17.04	240	385836	20.00	ng	-0.01
86) Perylene-d12	18.67	264	319592	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.03	112	537416	57.20	ng	0.00
7) Phenol-d6	5.32	99	408610	31.57	ng	0.00
23) Nitrobenzene-d5	6.60	82	1120353	93.82	ng	0.00
41) 2,4,6-Tribromophenol	11.76	330	348152	140.13	ng	0.00
44) 2-Fluorobiphenyl	9.41	172	1768937	89.08	ng	-0.01
78) Terphenyl-d14	15.49	244	1667054	96.14	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.59	70	147476	17.08	ng	# 82
32) Benzoic acid	7.47	122	261	2.69	ng	# 11
51) Acenaphthene	10.51	154	37667	2.22	ng	97
53) 2,4-Dinitrophenol	10.63	184	459	7.76	ng	# 35
64) 4,6-Dinitro-2-methylphenol	11.75	198	711	3.68	ng	# 1

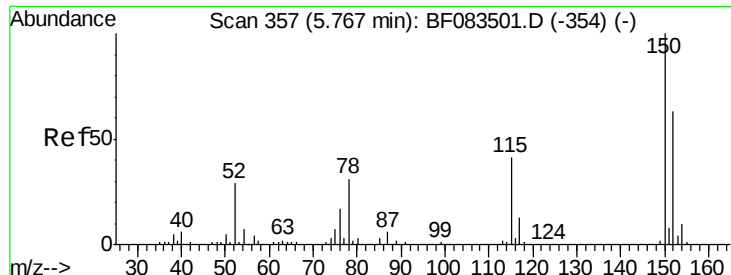
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
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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: BF083523.D

Acq: 5 Dec 2015 23:48

Instrument :

BNA_F

ClientSampleId :

20151124MGP1211BRV71

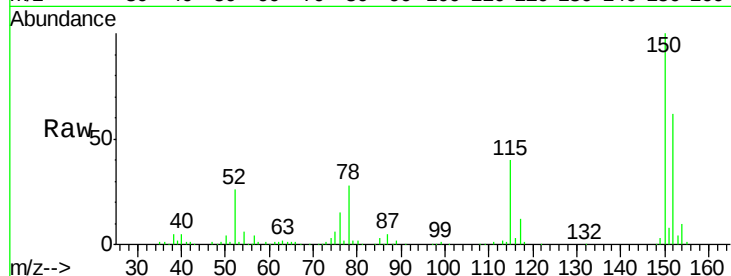
Tot Ion:152 Resp: 142533

Ion Ratio Lower Upper

152 100

150 160.2 126.5 189.7

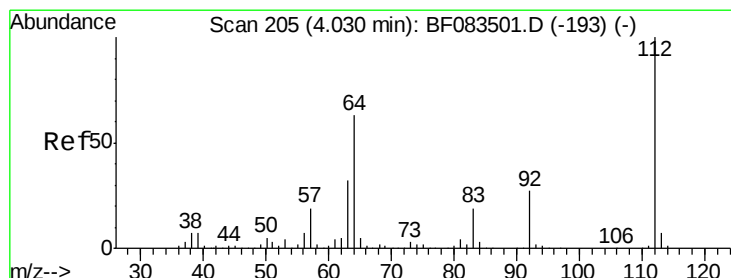
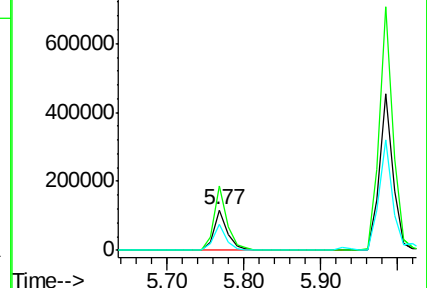
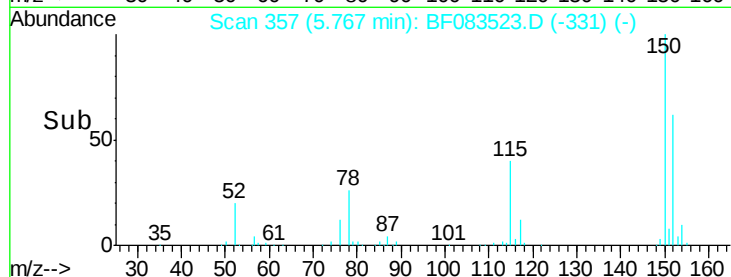
115 64.3 52.3 78.5



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: 57.20 ng

RT: 4.03 min Scan# 205

Delta R.T. 0.00 min

Lab File: BF083523.D

Acq: 5 Dec 2015 23:48

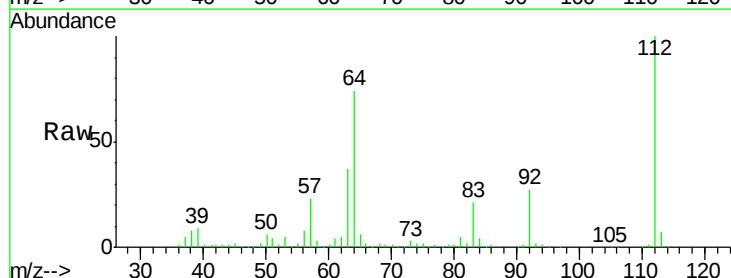
Tgt Ion:112 Resp: 537416

Ion Ratio Lower Upper

112 100

64 73.5 50.5 75.7

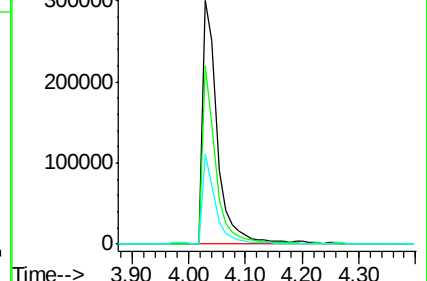
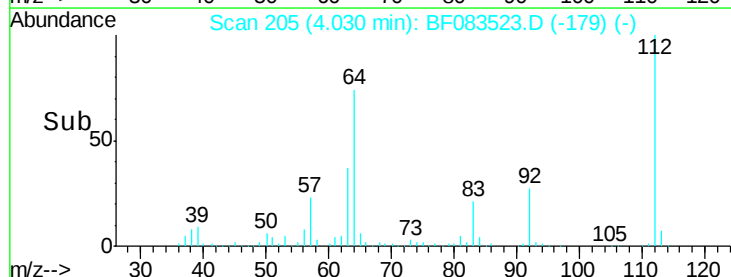
63 36.9 25.8 38.6

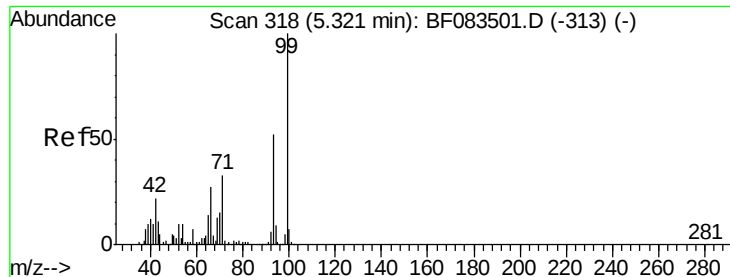


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.57 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083523.D

Acq: 5 Dec 2015 23:48

Instrument :

BNA_F

ClientSampleId :

20151124MGP1211BRV71

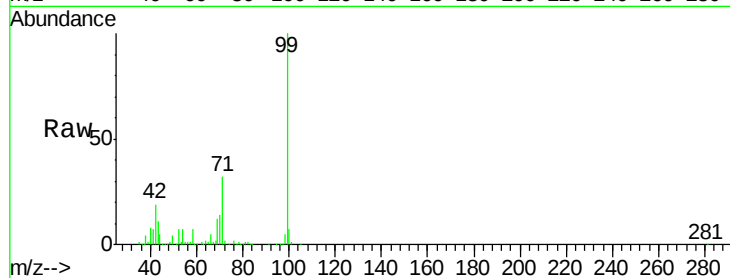
Tot Ion: 99 Resp: 408610

Ion Ratio Lower Upper

99 100

42 19.5 17.3 25.9

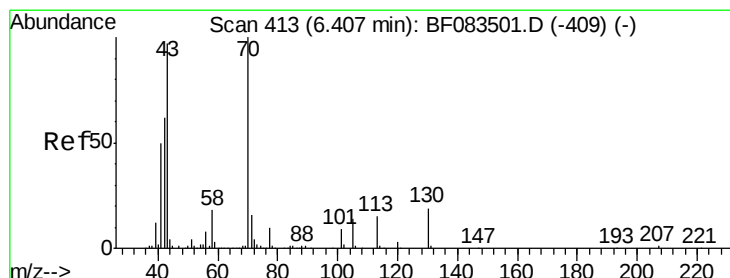
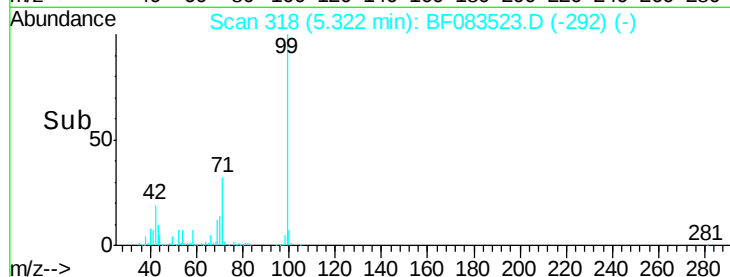
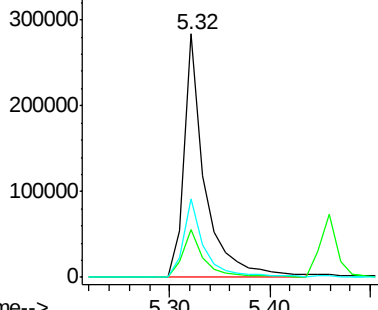
71 32.0 26.6 40.0



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: 17.08 ng

RT: 6.59 min Scan# 429

Delta R.T. 0.18 min

Lab File: BF083523.D

Acq: 5 Dec 2015 23:48

Tgt Ion: 70 Resp: 147476

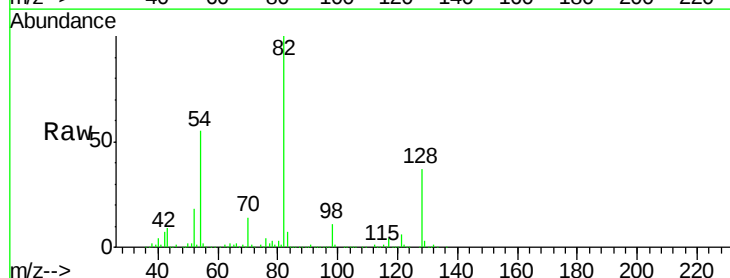
Ion Ratio Lower Upper

70 100

42 53.0 49.2 73.8

101 0.0 7.1 10.7#

130 1.9 15.4 23.0#

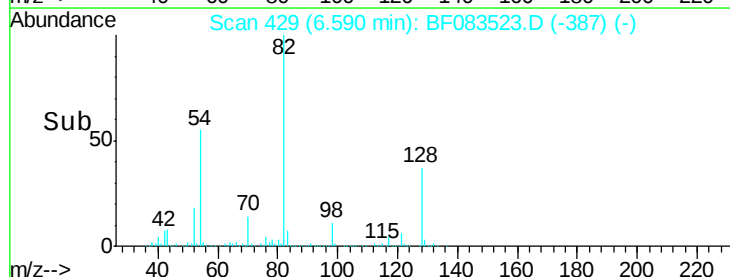
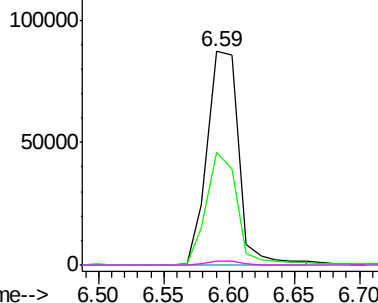


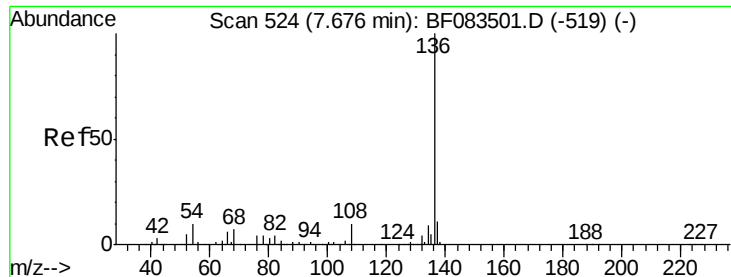
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

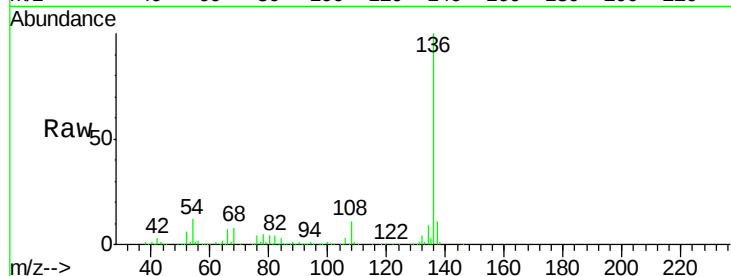




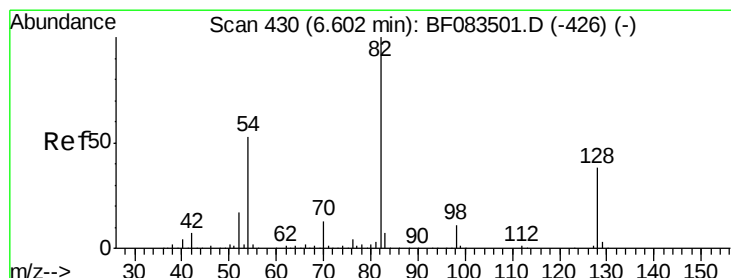
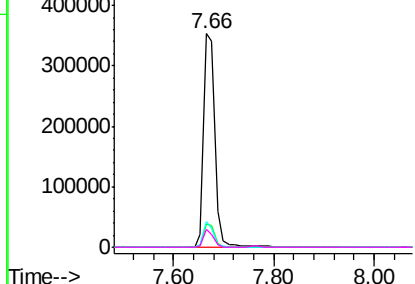
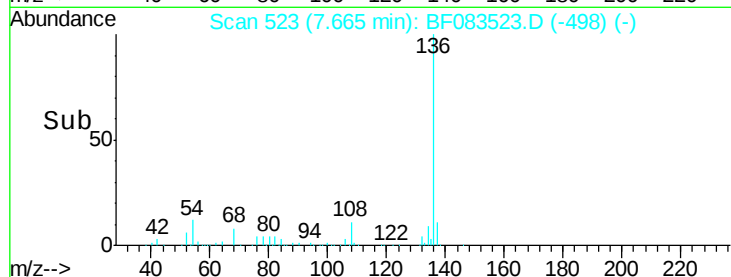
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.66 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083523.D
Acq: 5 Dec 2015 23:48

Instrument :
BNA_F
ClientSampleId :
20151124MGP1211BRV71

Tot Ion:136	Resp:	558217
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.7 13.1
54	12.0	7.8 11.6#
68	8.3	5.7 8.5

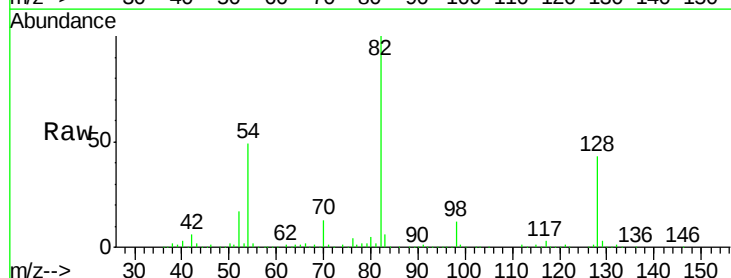


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

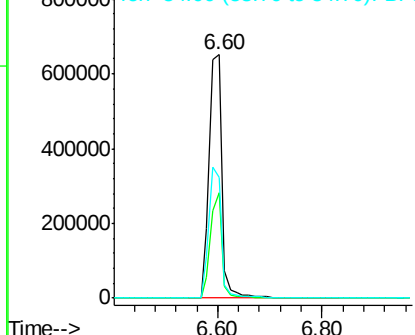
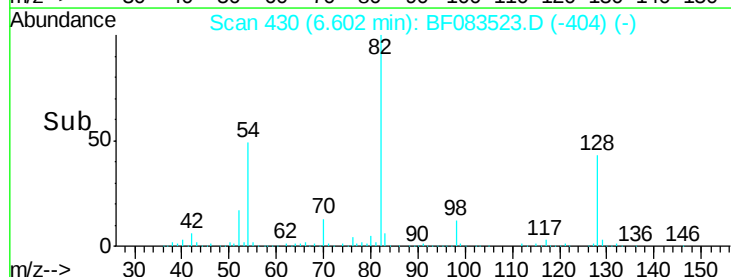


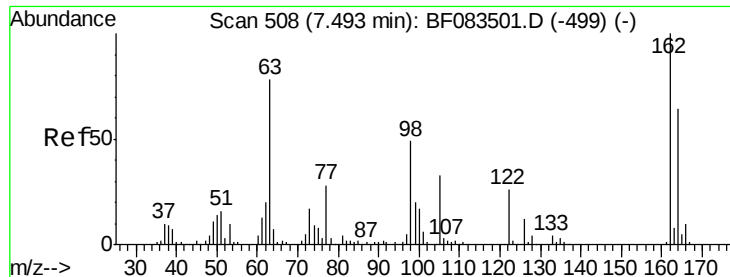
#23
Nitrobenzene-d5
Concen: 93.82 ng
RT: 6.60 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF083523.D
Acq: 5 Dec 2015 23:48

Tgt Ion: 82	Resp:	1120353
Ion	Ratio	Lower Upper
82	100	
128	43.3	30.7 46.1
54	49.4	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

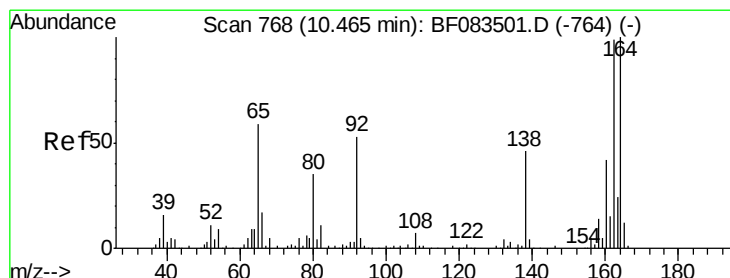
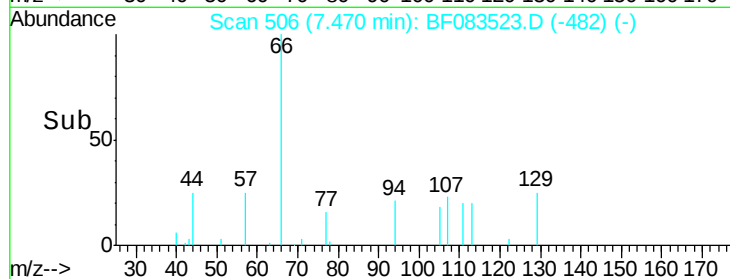
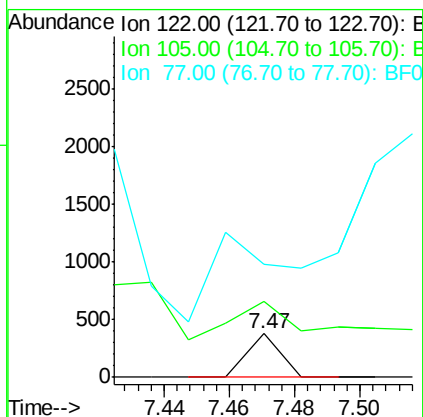
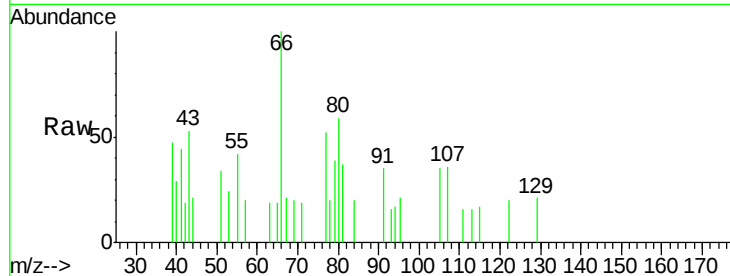




#32
Benzoic acid
Concen: 2.69 ng
RT: 7.47 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF083523.D
Acq: 5 Dec 2015 23:48

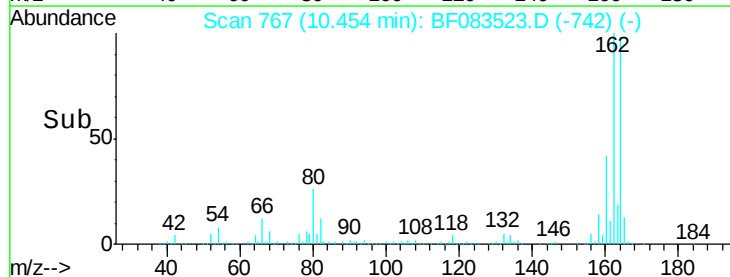
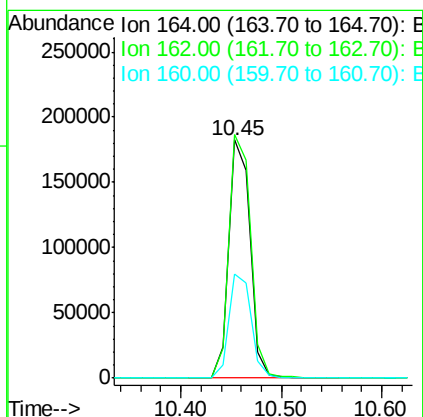
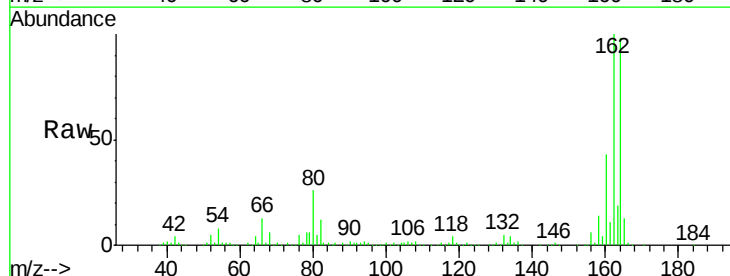
Instrument :
BNA_F
ClientSampleId :
20151124MGP1211BRV71

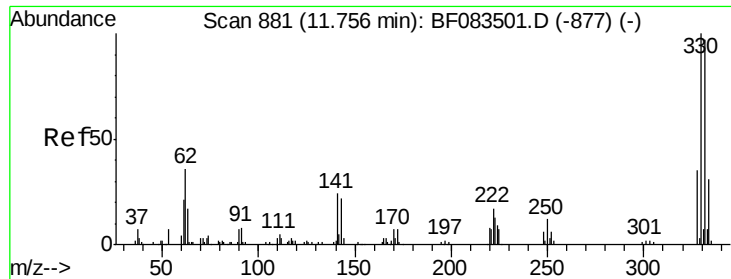
Tot Ion:122 Resp: 261
Ion Ratio Lower Upper
122 100
105 172.4 105.6 145.6#
77 256.8 86.8 126.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF083523.D
Acq: 5 Dec 2015 23:48

Tgt Ion:164 Resp: 269332
Ion Ratio Lower Upper
164 100
162 102.1 78.8 118.2
160 43.5 33.4 50.2

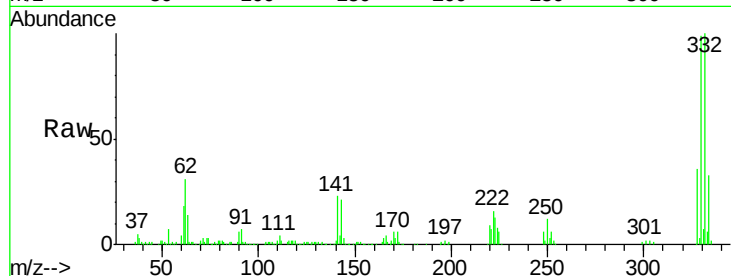




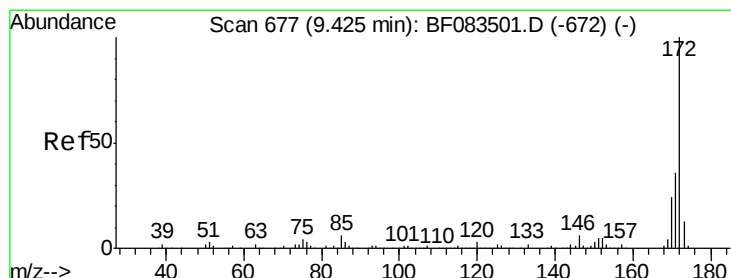
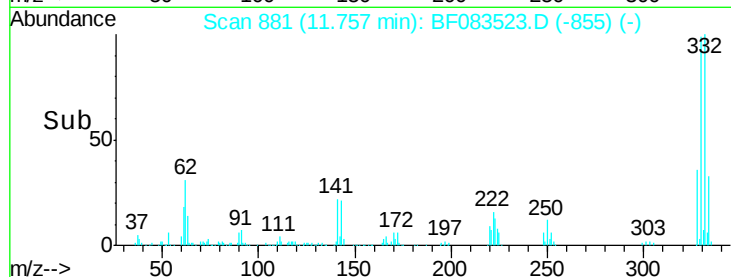
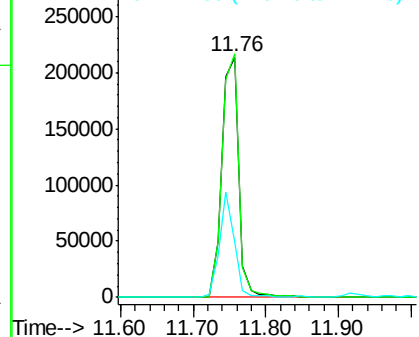
#41
 2,4,6-Tribromophenol
 Concen: 140.13 ng
 RT: 11.76 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF083523.D
 Acq: 5 Dec 2015 23:48

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP1211BRV71

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.8	0.0	0.0#
141	38.3	0.0	0.0#

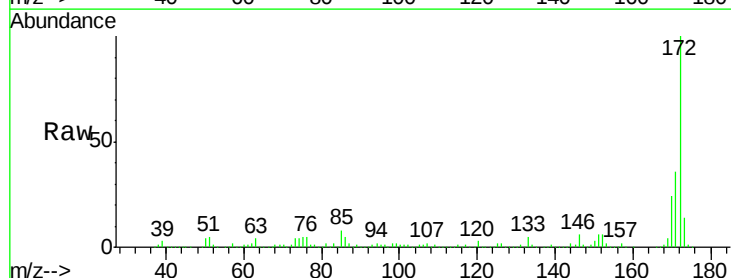


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

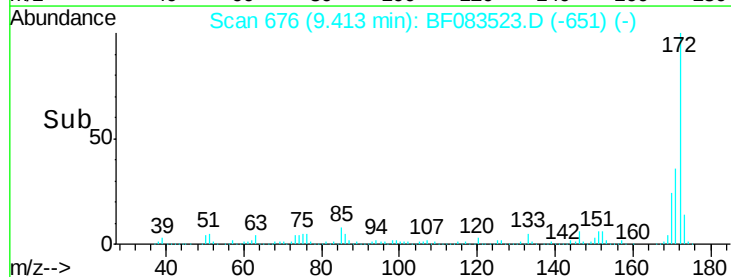
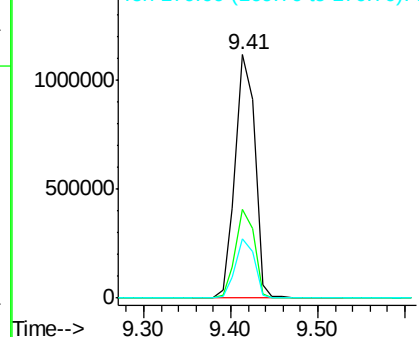


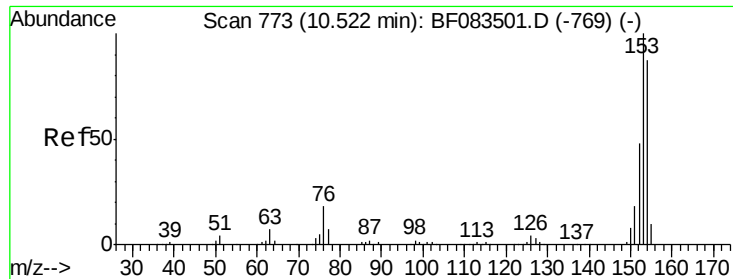
#44
 2-Fluorobiphenyl
 Concen: 89.08 ng
 RT: 9.41 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF083523.D
 Acq: 5 Dec 2015 23:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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: 2.22 ng

RT: 10.51 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF083523.D

Acq: 5 Dec 2015 23:48

Instrument :

BNA_F

ClientSampleId :

20151124MGP1211BRV71

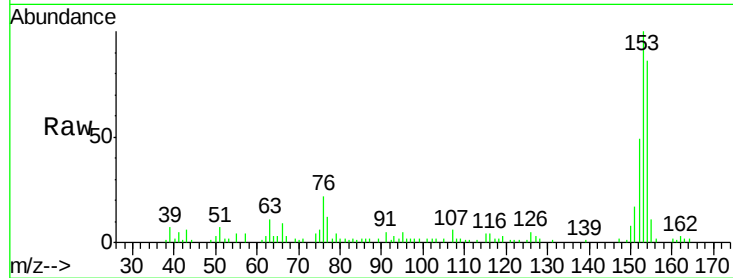
Tot Ion:154 Resp: 37667

Ion Ratio Lower Upper

154 100

153 116.4 91.4 137.0

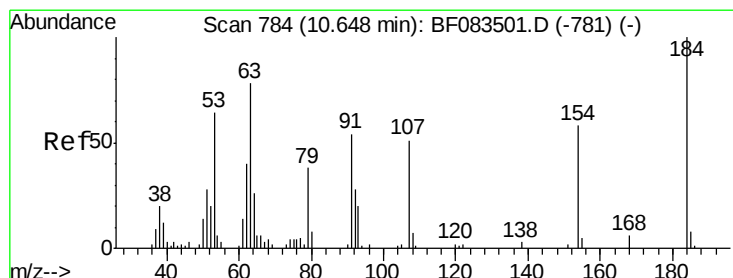
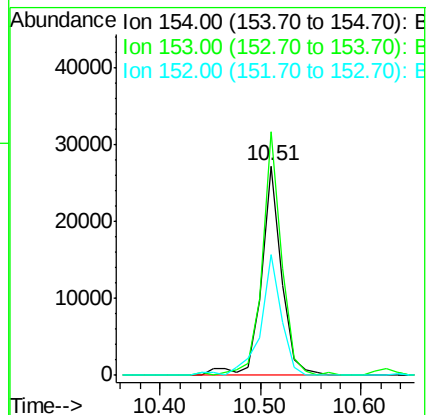
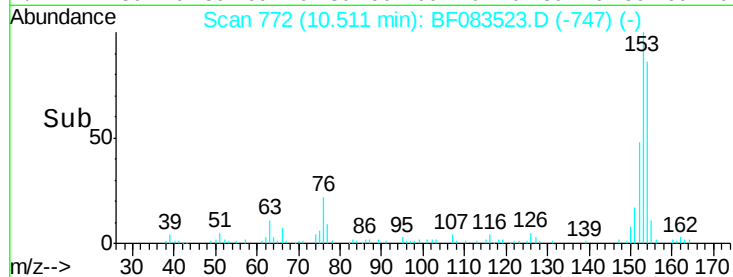
152 57.6 43.4 65.2



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: 7.76 ng

RT: 10.63 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF083523.D

Acq: 5 Dec 2015 23:48

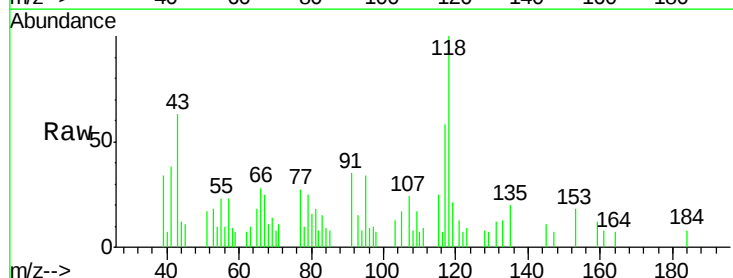
Tgt Ion:184 Resp: 459

Ion Ratio Lower Upper

184 100

63 126.1 62.4 93.6#

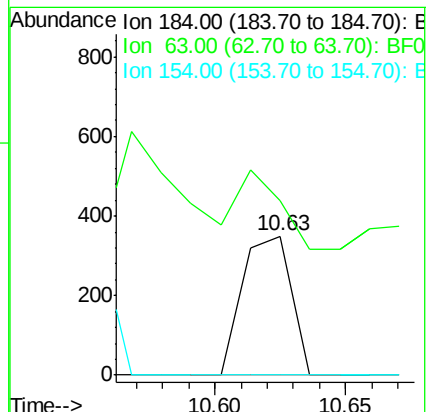
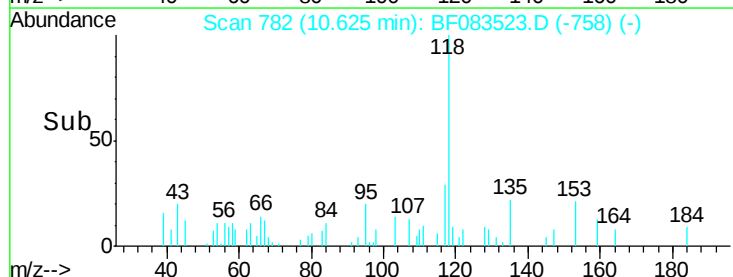
154 0.0 46.6 69.8#

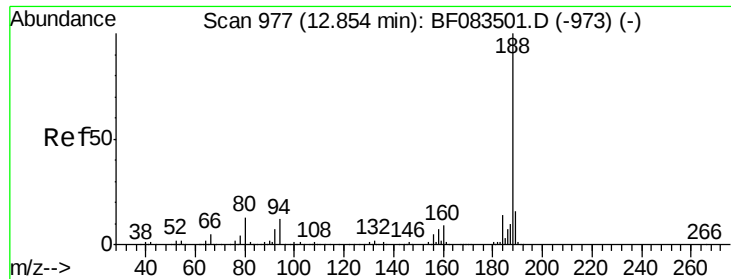


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

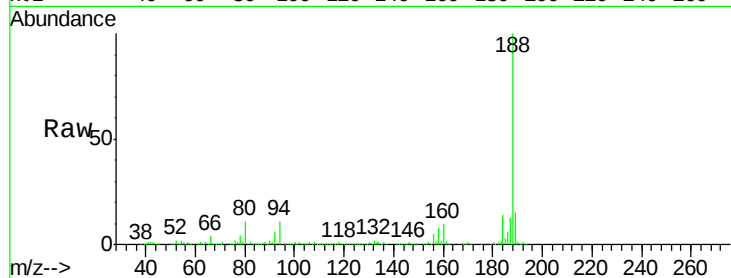




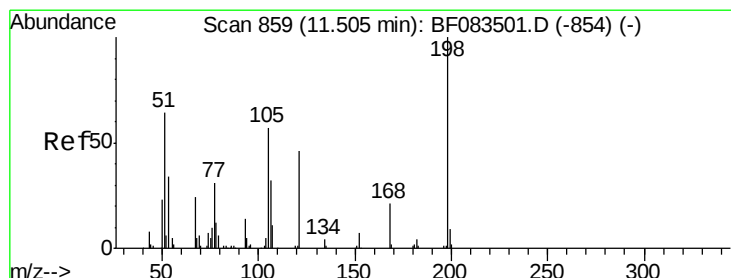
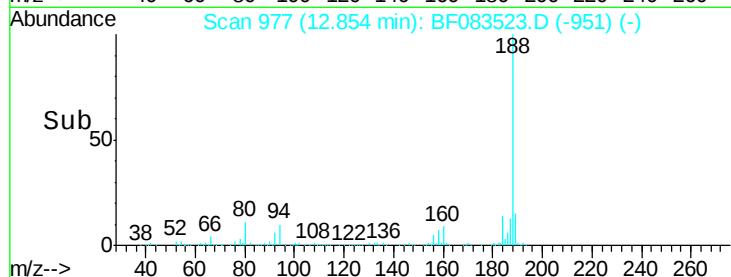
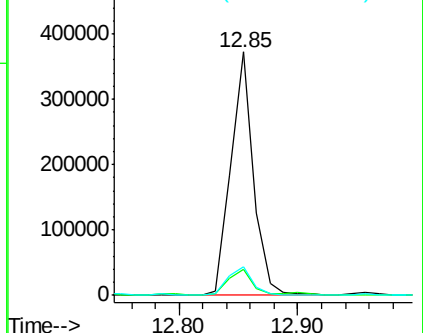
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF083523.D
Acq: 5 Dec 2015 23:48

Instrument :
BNA_F
ClientSampleId :
20151124MGP1211BRV71

Tot Ion:188 Resp: 491162
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.5 10.6 16.0

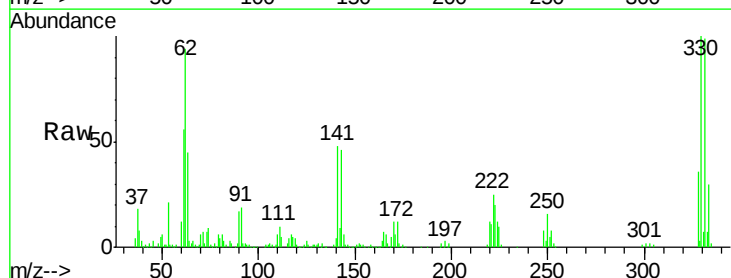


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

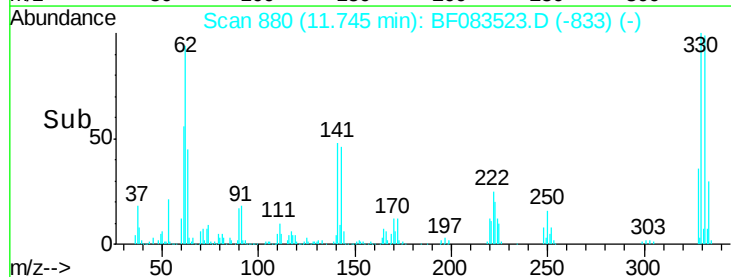
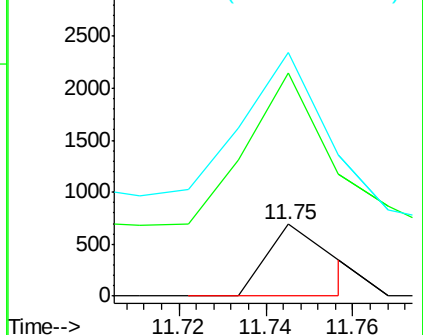


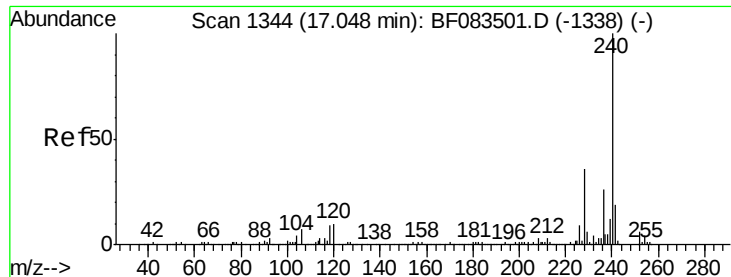
#64
4,6-Dinitro-2-methylphenol
Concen: 3.68 ng
RT: 11.75 min Scan# 880
Delta R.T. 0.24 min
Lab File: BF083523.D
Acq: 5 Dec 2015 23:48

Tgt Ion:198 Resp: 711
Ion Ratio Lower Upper
198 100
51 312.0 53.8 93.8#
105 340.1 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





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 17.04 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF083523.D

Acq: 5 Dec 2015 23:48

Instrument :

BNA_F

ClientSampleId :

20151124MGP1211BRV71

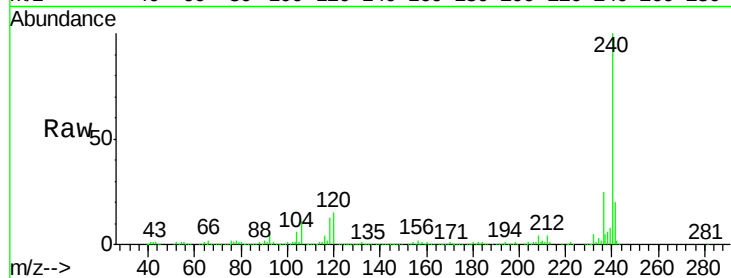
Tot Ion:240 Resp: 385836

Ion Ratio Lower Upper

240 100

120 14.6 8.1 12.1#

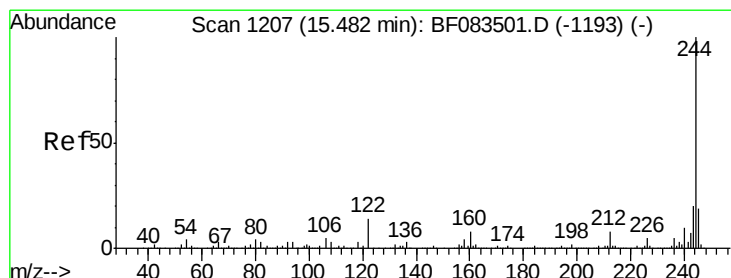
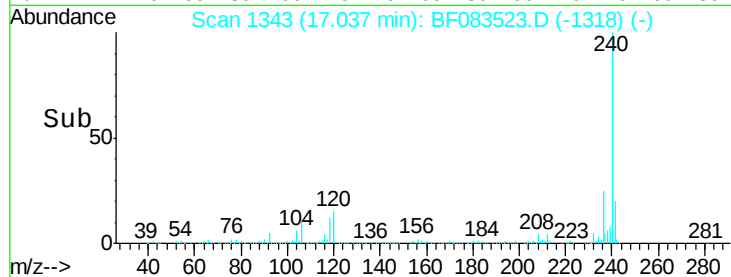
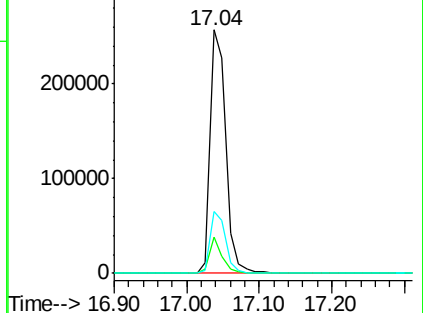
236 25.5 20.8 31.2



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: 96.14 ng

RT: 15.49 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF083523.D

Acq: 5 Dec 2015 23:48

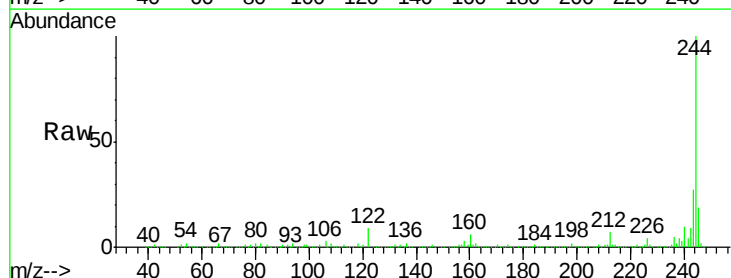
Tgt Ion:244 Resp: 1667054

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

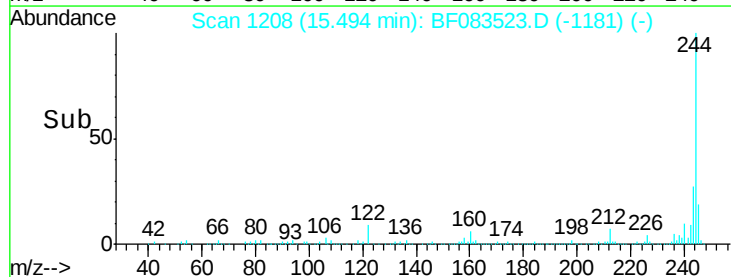
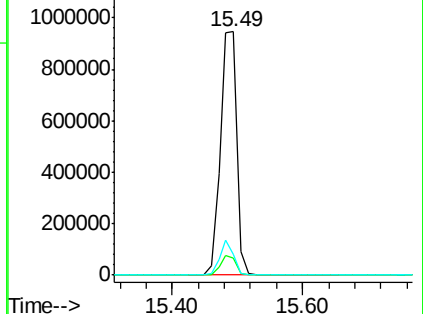
122 8.8 11.0 16.6#

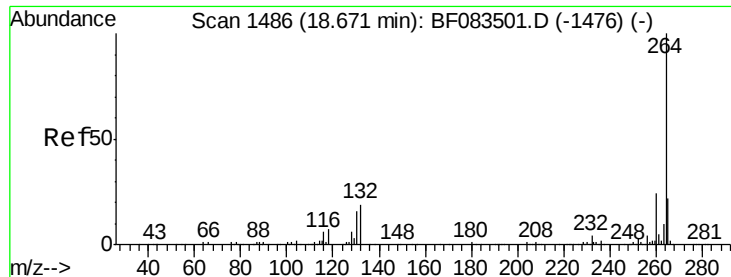


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

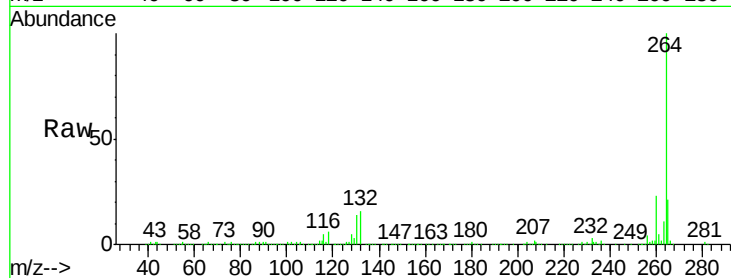




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 18.67 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF083523.D
 Acq: 5 Dec 2015 23:48

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP1211BRV71

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	21.2	17.8	26.6



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

