

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083524.D
 Acq On : 6 Dec 2015 00:18
 Operator : UM/IZ
 Sample : G4595-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP212BRV74

Quant Time: Dec 07 00:22:39 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

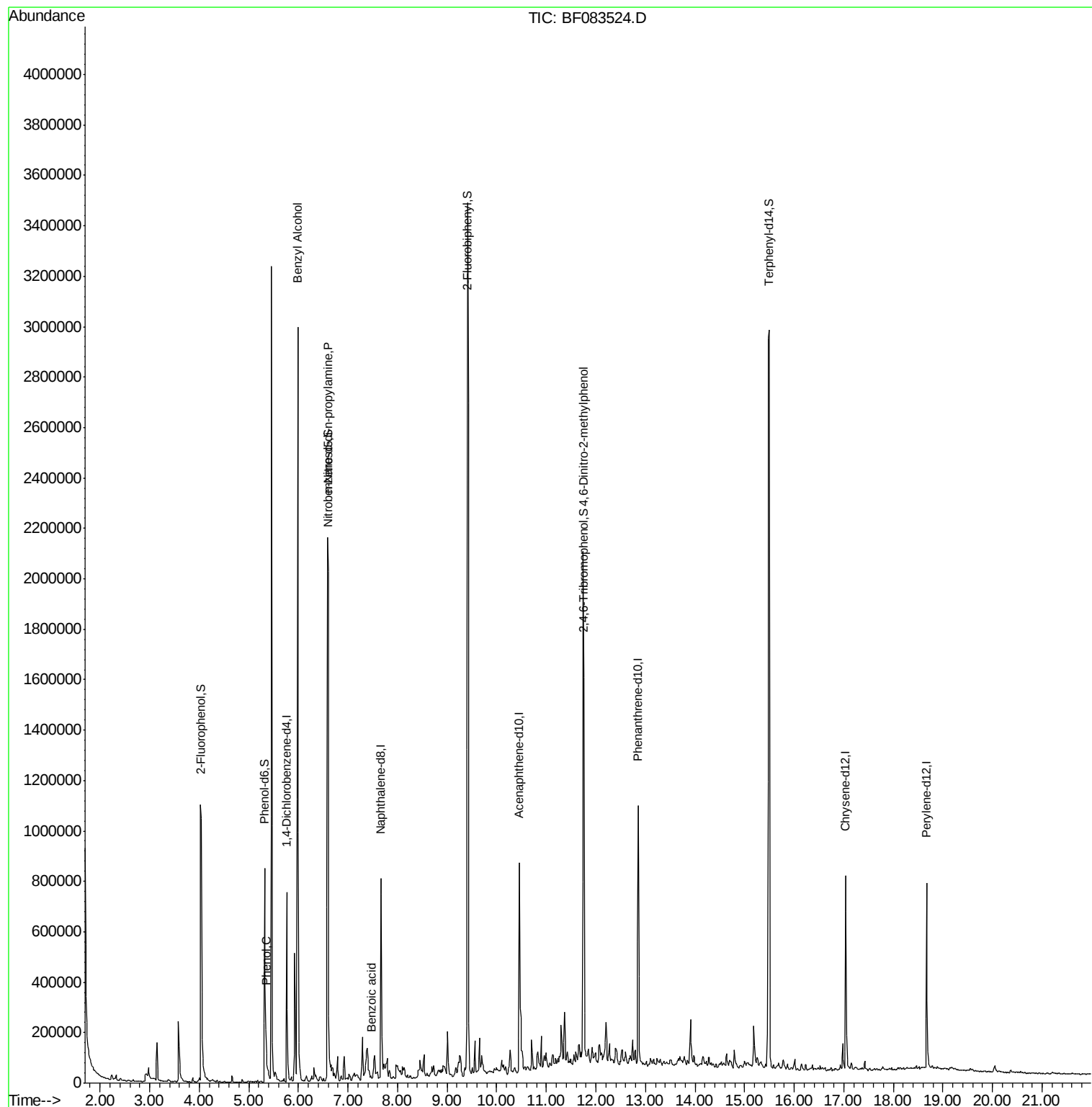
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	149197	20.00	ng	0.00
21) Naphthalene-d8	7.66	136	575151	20.00	ng	-0.01
38) Acenaphthene-d10	10.45	164	279992	20.00	ng	-0.01
63) Phenanthrene-d10	12.85	188	525569	20.00	ng	0.00
75) Chrysene-d12	17.04	240	413145	20.00	ng	-0.01
86) Perylene-d12	18.67	264	326928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.04	112	565395	57.49	ng	0.01
7) Phenol-d6	5.32	99	460727	34.00	ng	0.00
23) Nitrobenzene-d5	6.60	82	1135600	92.29	ng	0.00
41) 2,4,6-Tribromophenol	11.76	330	364247	141.03	ng	0.00
44) 2-Fluorobiphenyl	9.41	172	1779480	86.20	ng	-0.01
78) Terphenyl-d14	15.49	244	1680120	90.49	ng	0.01
Target Compounds						
10) Phenol	5.34	94	38490	2.43	ng	Qvalue 87
15) Benzyl Alcohol	5.98	79	20276	2.16	ng	# 46
19) n-Nitroso-di-n-propylamine	6.59	70	145928	16.14	ng	# 84
32) Benzoic acid	7.47	122	847	2.80	ng	# 30
64) 4,6-Dinitro-2-methylphenol	11.74	198	770	3.68	ng	# 1

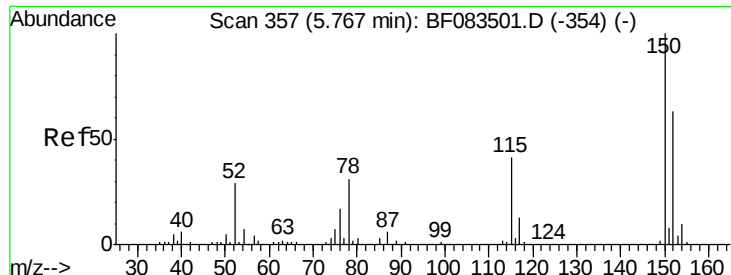
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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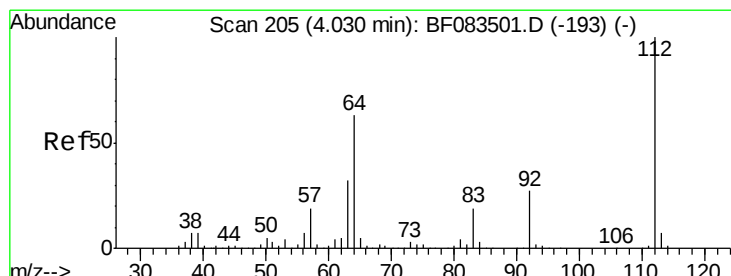
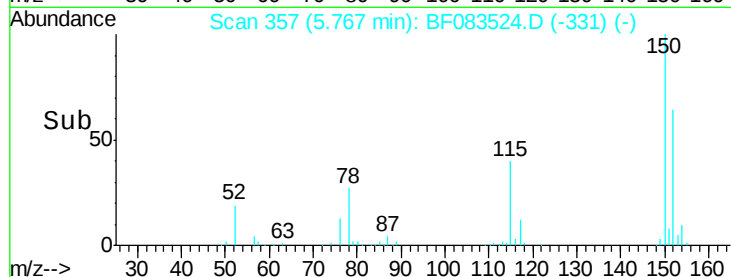
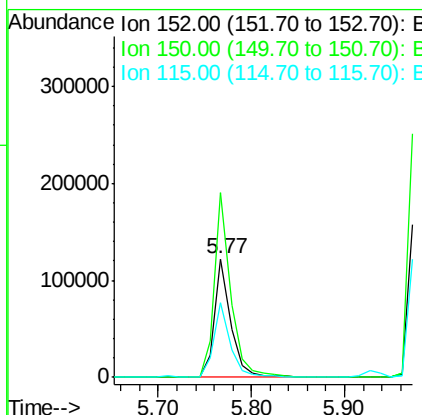
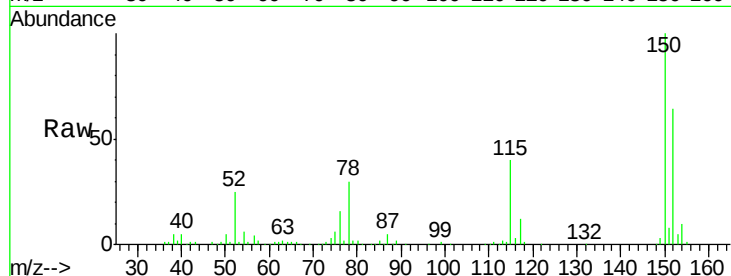


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 357
Delta R.T. -0.00 min
Lab File: BF083524.D
Acq: 6 Dec 2015 00:18

Instrument :
BNA_F
ClientSampleId :
20151124MGP212BRV74

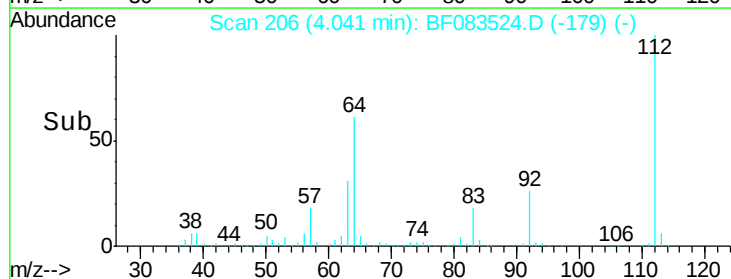
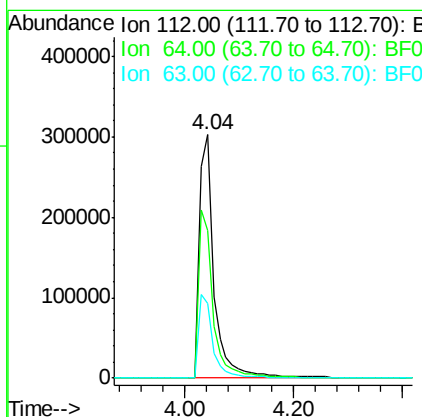
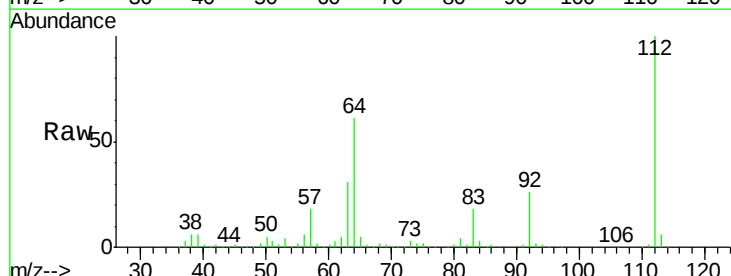
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.5	189.7
115	62.9	52.3	78.5

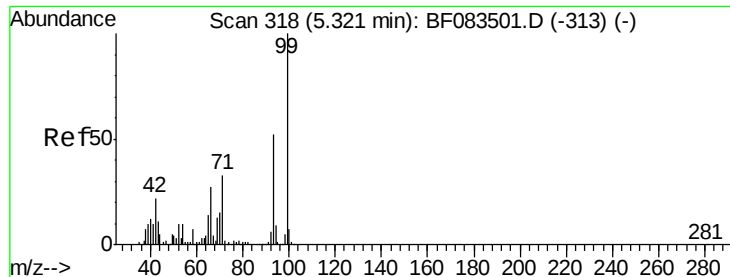


#5

2-Fluorophenol
Concen: 57.49 ng
RT: 4.04 min Scan# 206
Delta R.T. 0.01 min
Lab File: BF083524.D
Acq: 6 Dec 2015 00:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	50.5	75.7
63	30.7	25.8	38.6





#7

Phenol-d6

Concen: 34.00 ng

RT: 5.32 min Scan# 318

Delta R.T. -0.00 min

Lab File: BF083524.D

Acq: 6 Dec 2015 00:18

Instrument :

BNA_F

ClientSampleId :

20151124MGP212BRV74

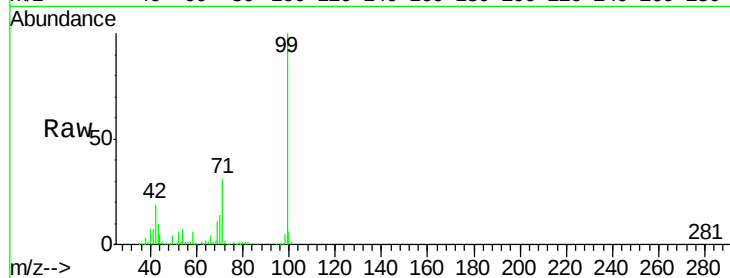
Tot Ion: 99 Resp: 460727

Ion Ratio Lower Upper

99 100

42 19.1 17.3 25.9

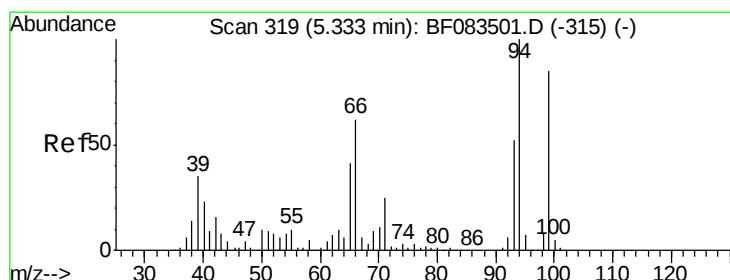
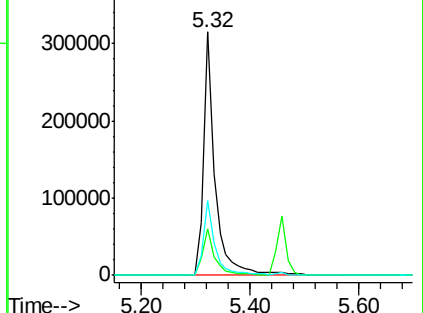
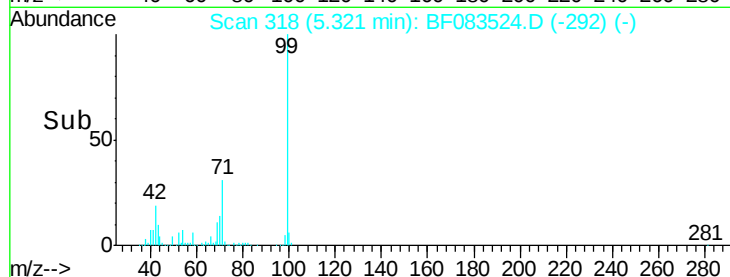
71 30.6 26.6 40.0



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



#10

Phenol

Concen: 2.43 ng

RT: 5.34 min Scan# 320

Delta R.T. 0.01 min

Lab File: BF083524.D

Acq: 6 Dec 2015 00:18

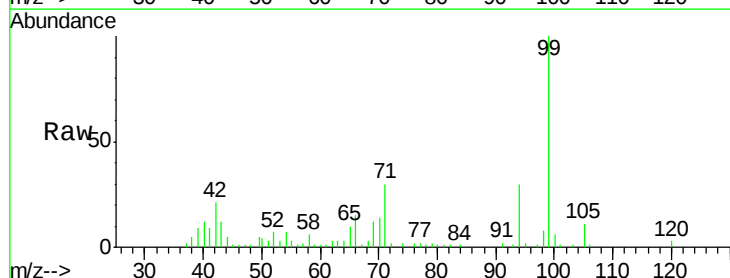
Tgt Ion: 94 Resp: 38490

Ion Ratio Lower Upper

94 100

65 34.3 20.9 60.9

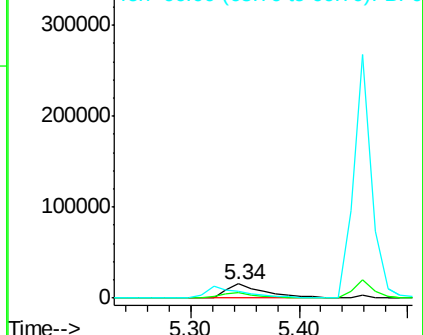
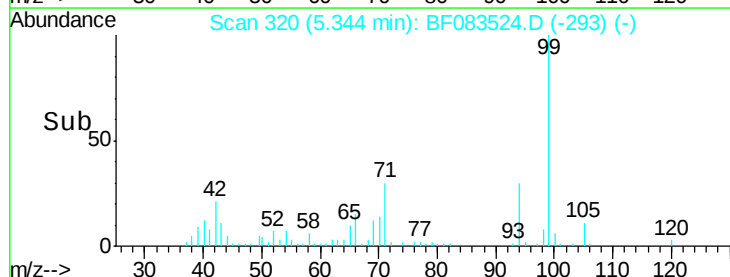
66 50.1 41.6 81.6

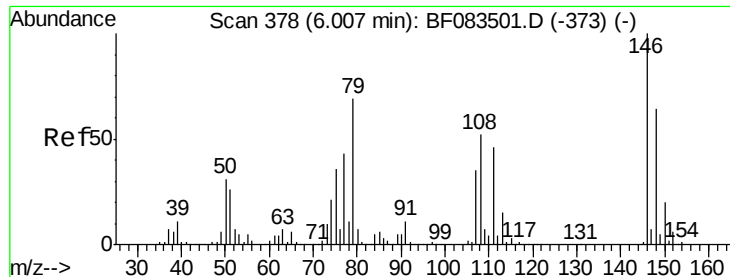


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 5.98 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF083524.D

Acq: 6 Dec 2015 00:18

Instrument :

BNA_F

ClientSampleId :

20151124MGP212BRV74

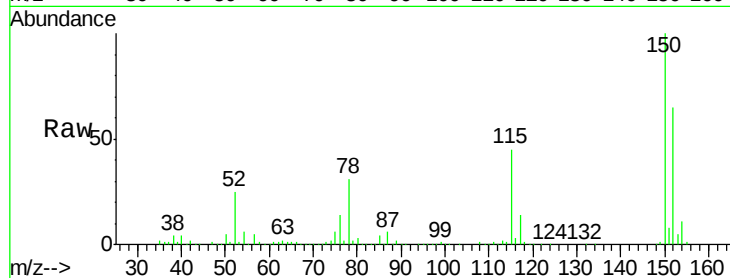
Tot Ion: 79 Resp: 20276

Ion Ratio Lower Upper

79 100

108 27.2 59.6 89.4#

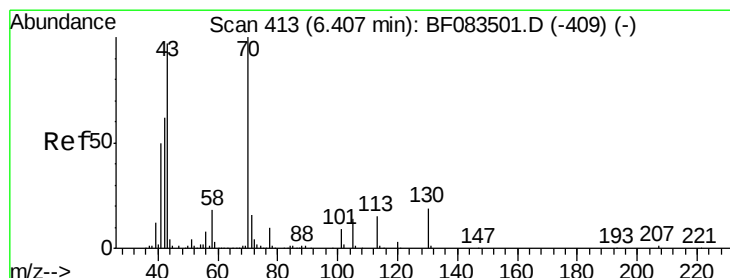
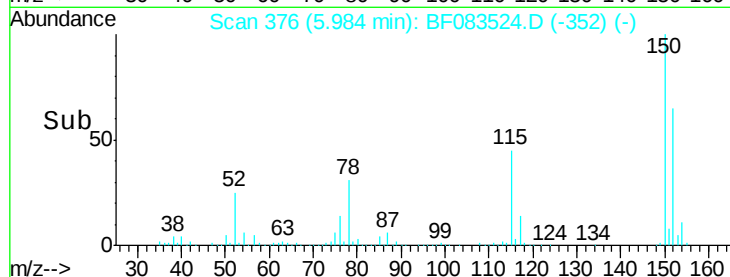
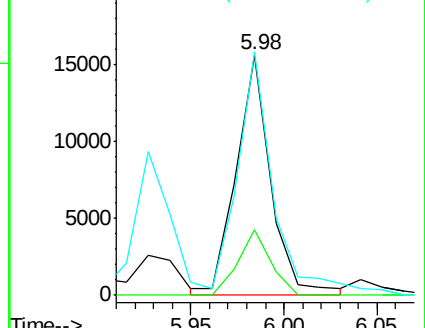
77 101.5 49.8 74.6#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 16.14 ng

RT: 6.59 min Scan# 429

Delta R.T. 0.18 min

Lab File: BF083524.D

Acq: 6 Dec 2015 00:18

Tgt Ion: 70 Resp: 145928

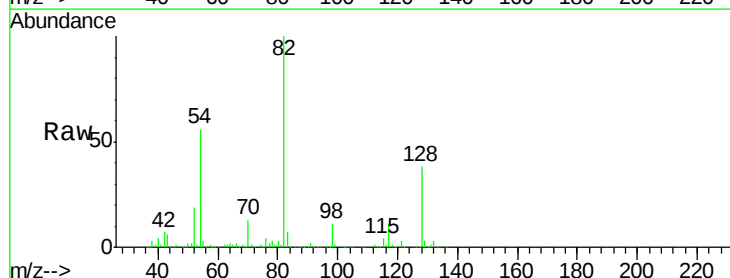
Ion Ratio Lower Upper

70 100

42 54.8 49.2 73.8

101 0.0 7.1 10.7#

130 2.5 15.4 23.0#

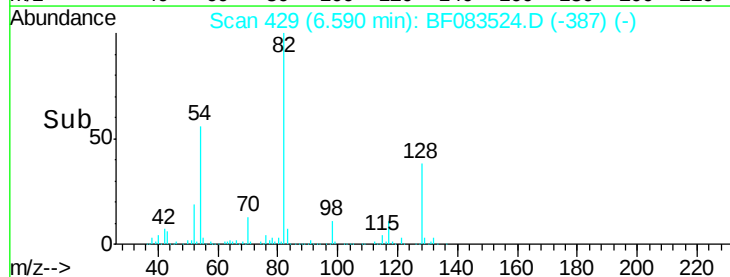
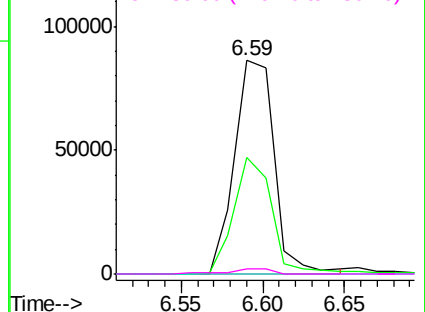


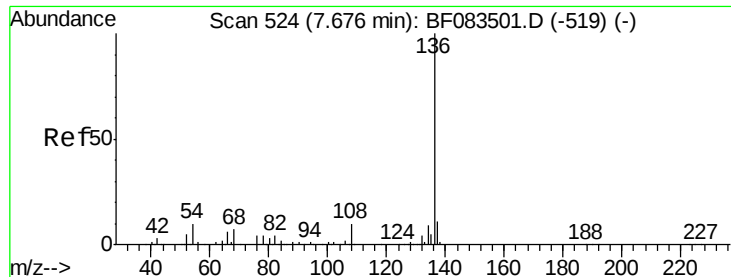
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF083524.D

Acq: 6 Dec 2015 00:18

Instrument :

BNA_F

ClientSampleId :

20151124MGP212BRV74

Tot Ion:136 Resp: 575151

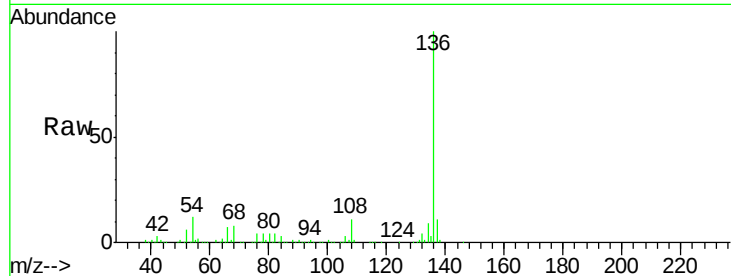
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 11.7 7.8 11.6#

68 7.8 5.7 8.5

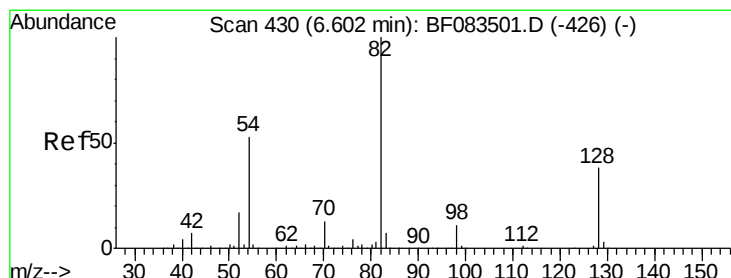
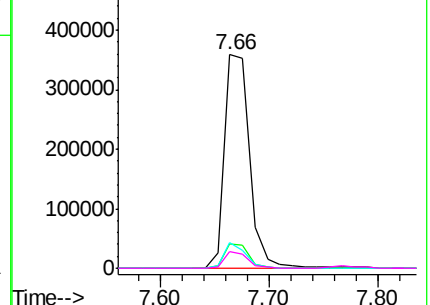
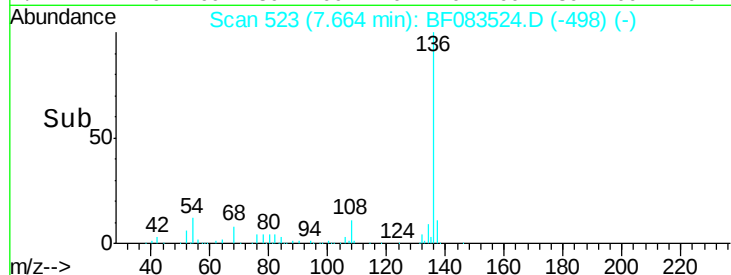


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.29 ng

RT: 6.60 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF083524.D

Acq: 6 Dec 2015 00:18

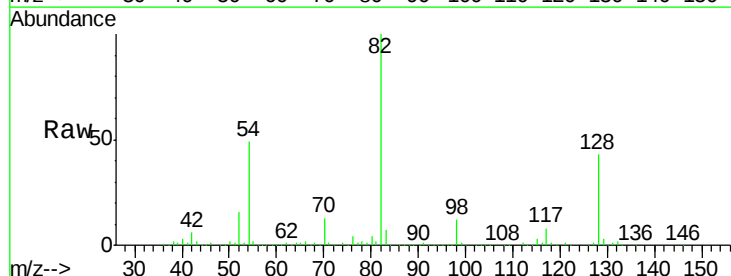
Tgt Ion: 82 Resp: 1135600

Ion Ratio Lower Upper

82 100

128 42.9 30.7 46.1

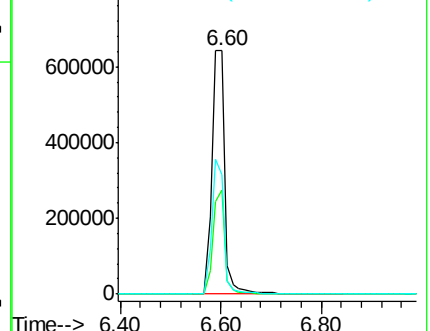
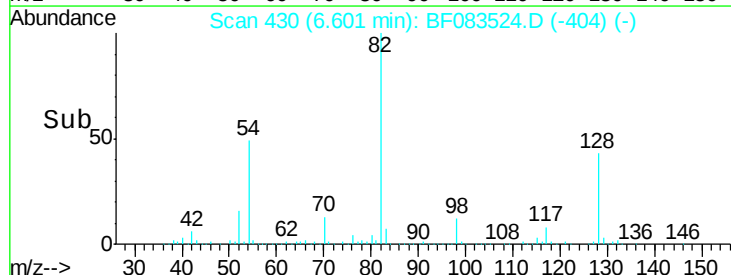
54 48.9 42.5 63.7

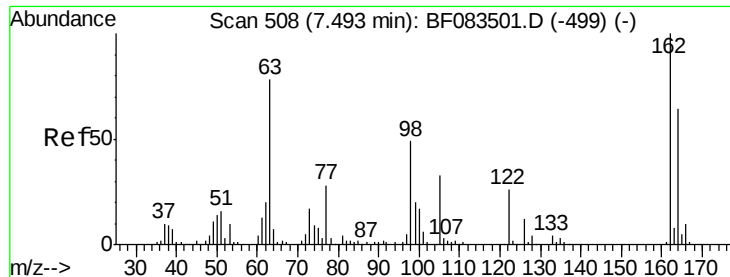


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

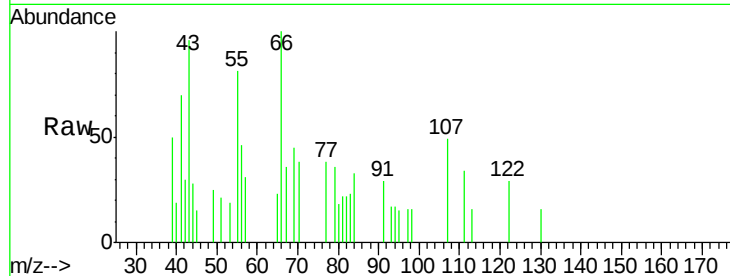




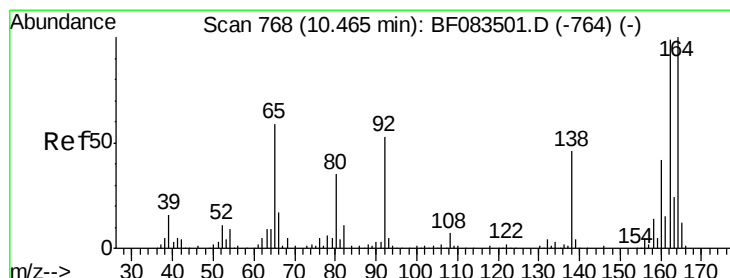
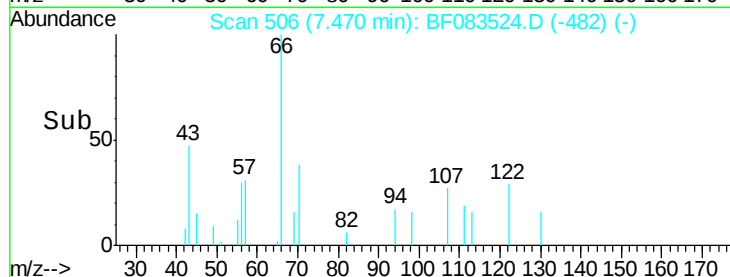
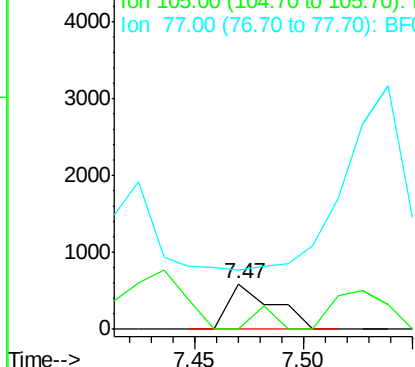
#32
Benzoic acid
Concen: 2.80 ng
RT: 7.47 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF083524.D
Acq: 6 Dec 2015 00:18

Instrument :
BNA_F
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20151124MGP212BRV74

Tot Ion:122 Resp: 847
Ion Ratio Lower Upper
122 100
105 0.0 105.6 145.6#
77 130.6 86.8 126.8#

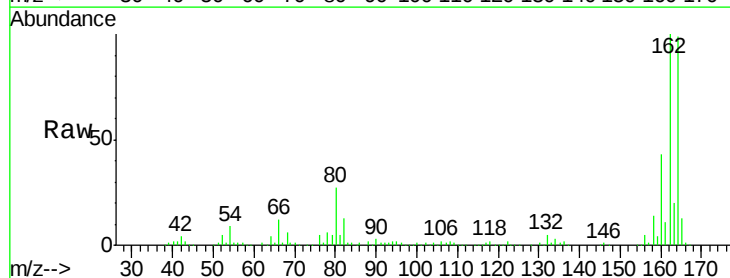


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

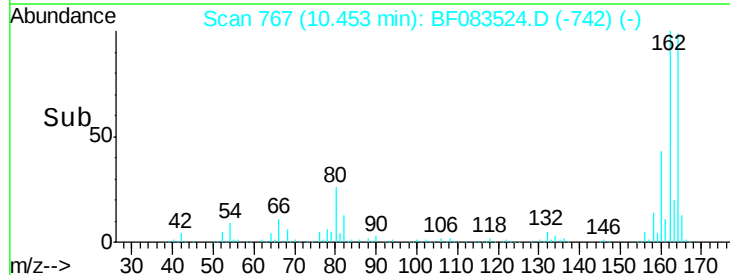
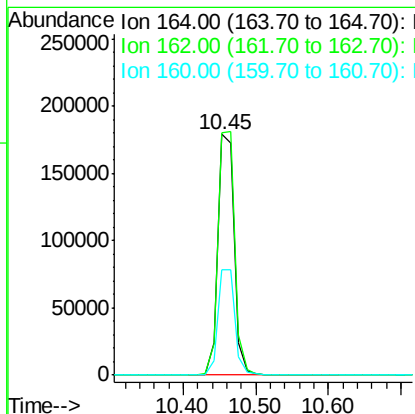


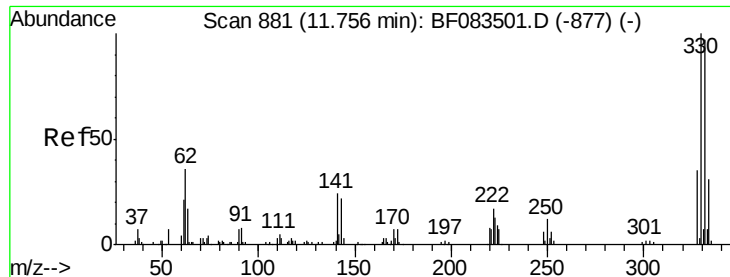
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF083524.D
Acq: 6 Dec 2015 00:18

Tgt Ion:164 Resp: 279992
Ion Ratio Lower Upper
164 100
162 100.8 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

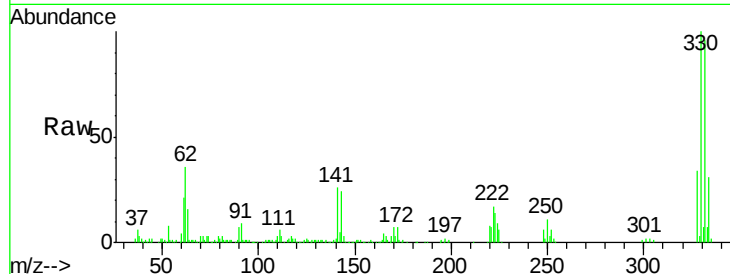




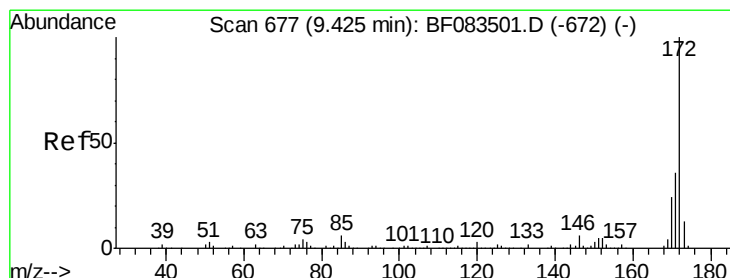
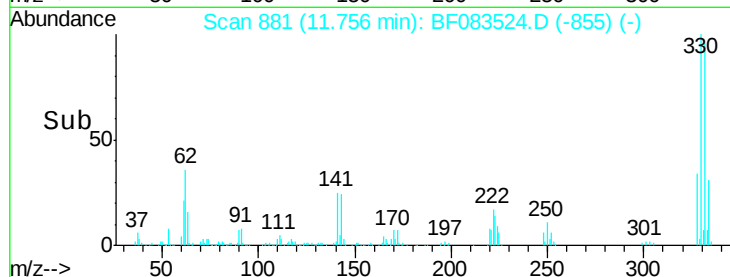
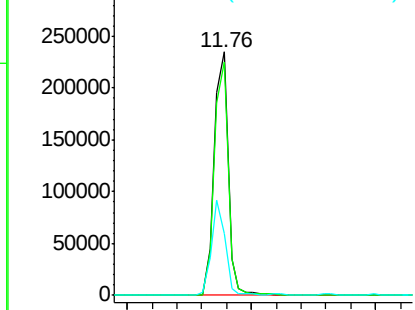
#41
 2,4,6-Tribromophenol
 Concen: 141.03 ng
 RT: 11.76 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF083524.D
 Acq: 6 Dec 2015 00:18

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP212BRV74

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	38.3	0.0	0.0#

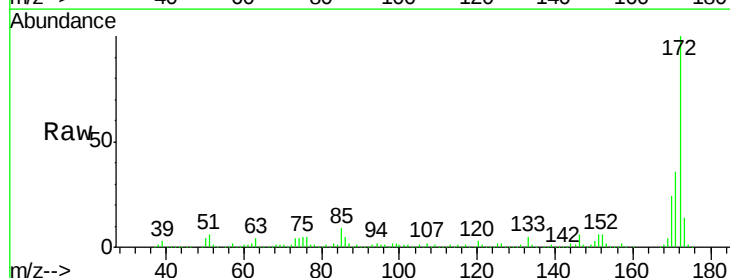


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

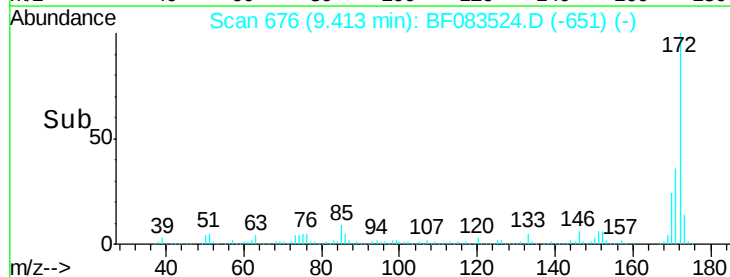
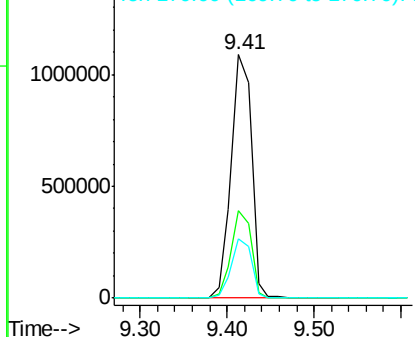


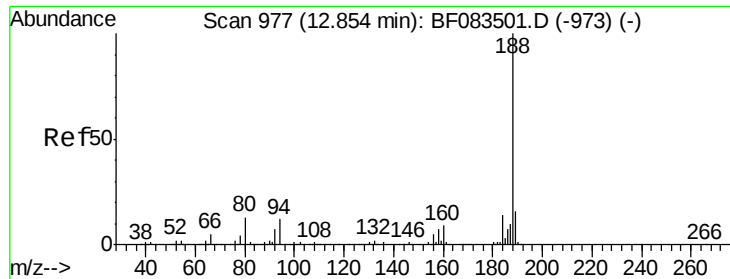
#44
 2-Fluorobiphenyl
 Concen: 86.20 ng
 RT: 9.41 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF083524.D
 Acq: 6 Dec 2015 00:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	24.2	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.85 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF083524.D

Acq: 6 Dec 2015 00:18

Instrument :

BNA_F

ClientSampleId :

20151124MGP212BRV74

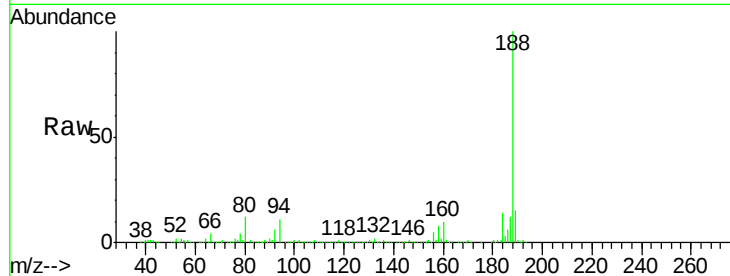
Tot Ion:188 Resp: 525569

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

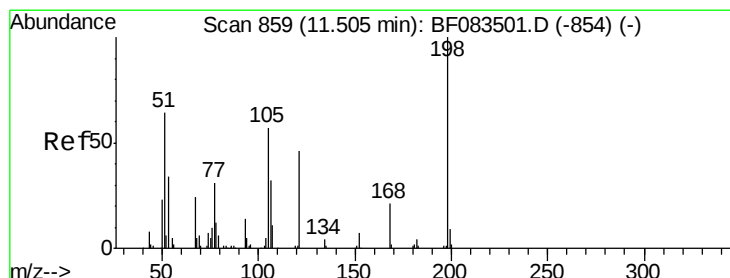
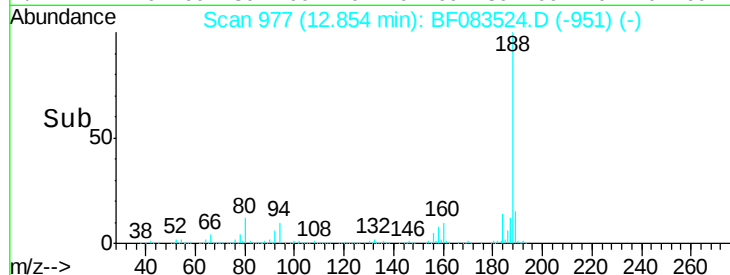
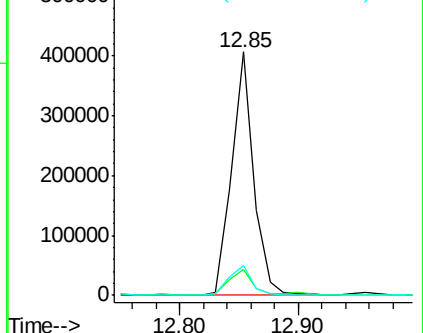
80 12.2 10.6 16.0



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: 11.74 min Scan# 880

Delta R.T. 0.24 min

Lab File: BF083524.D

Acq: 6 Dec 2015 00:18

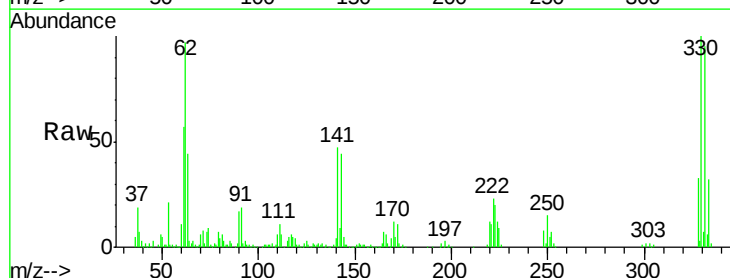
Tgt Ion:198 Resp: 770

Ion Ratio Lower Upper

198 100

51 378.6 53.8 93.8#

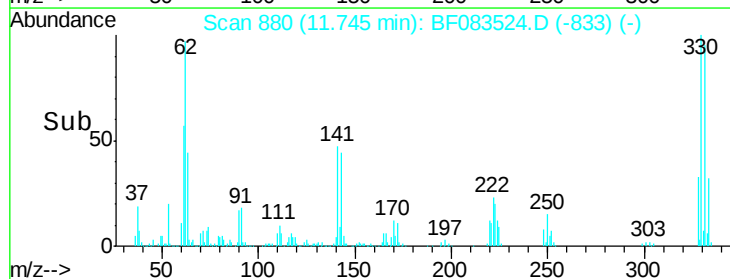
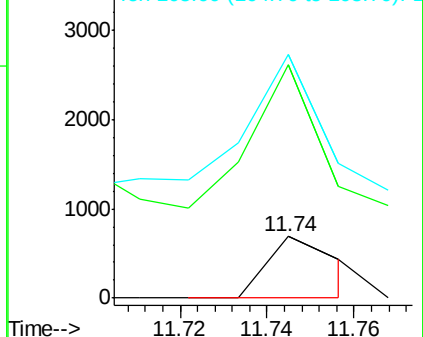
105 395.7 38.6 78.6#

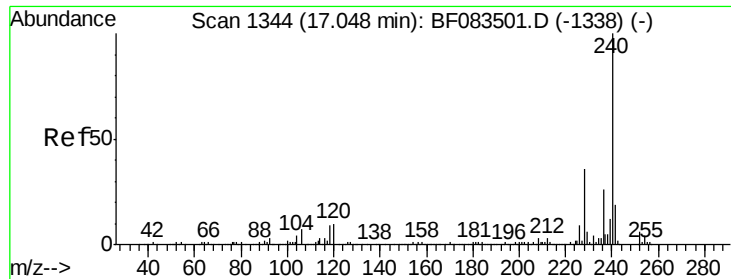


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.04 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF083524.D

Acq: 6 Dec 2015 00:18

Instrument :

BNA_F

ClientSampleId :

20151124MGP212BRV74

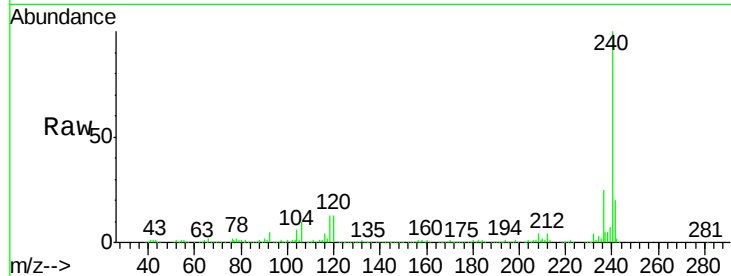
Tot Ion:240 Resp: 413145

Ion Ratio Lower Upper

240 100

120 13.2 8.1 12.1#

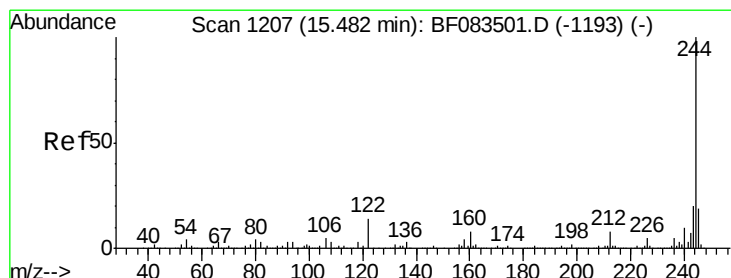
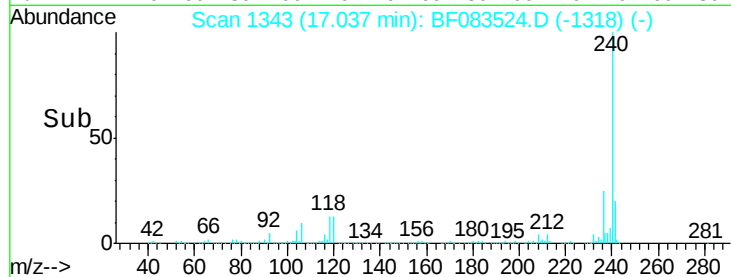
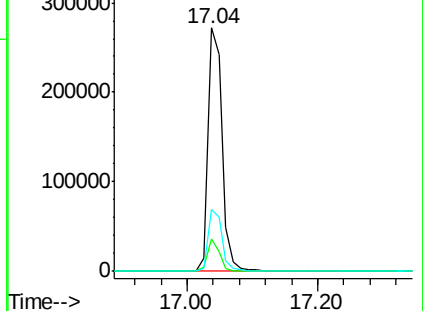
236 25.3 20.8 31.2



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: 90.49 ng

RT: 15.49 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF083524.D

Acq: 6 Dec 2015 00:18

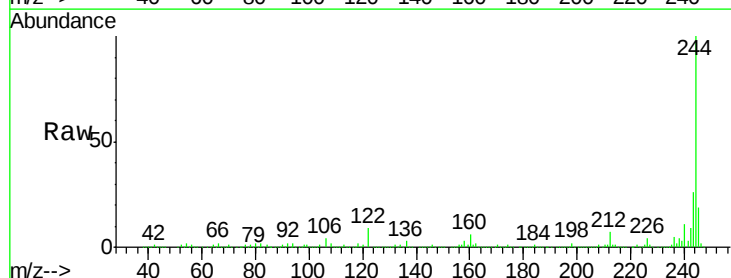
Tgt Ion:244 Resp: 1680120

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

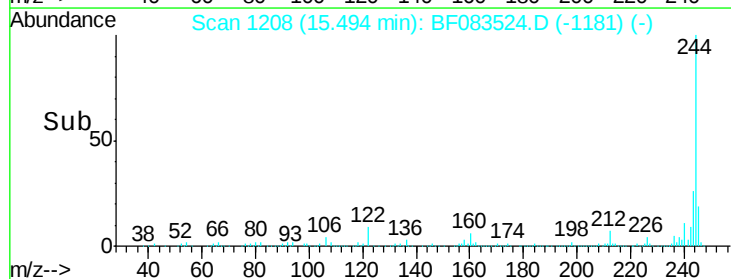
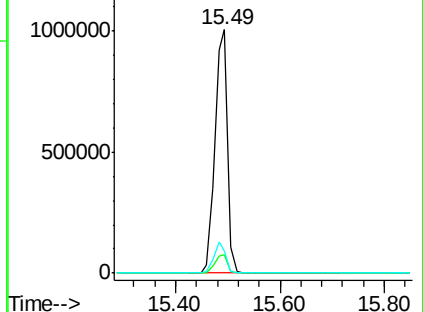
122 9.2 11.0 16.6#

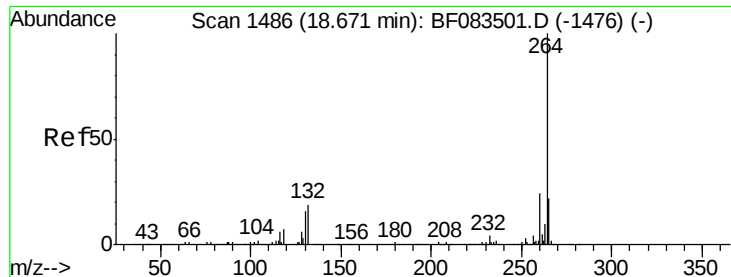


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF083524.D
 Acq: 6 Dec 2015 00:18

Instrument :
 BNA_F
 ClientSampleId :
 20151124MGP212BRV74

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.0
265	22.2	17.8	26.6

