

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083070.D
 Acq On : 20 Nov 2015 8:46
 Operator : UM/IZ
 Sample : G4455-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Quant Time: Nov 20 09:44:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

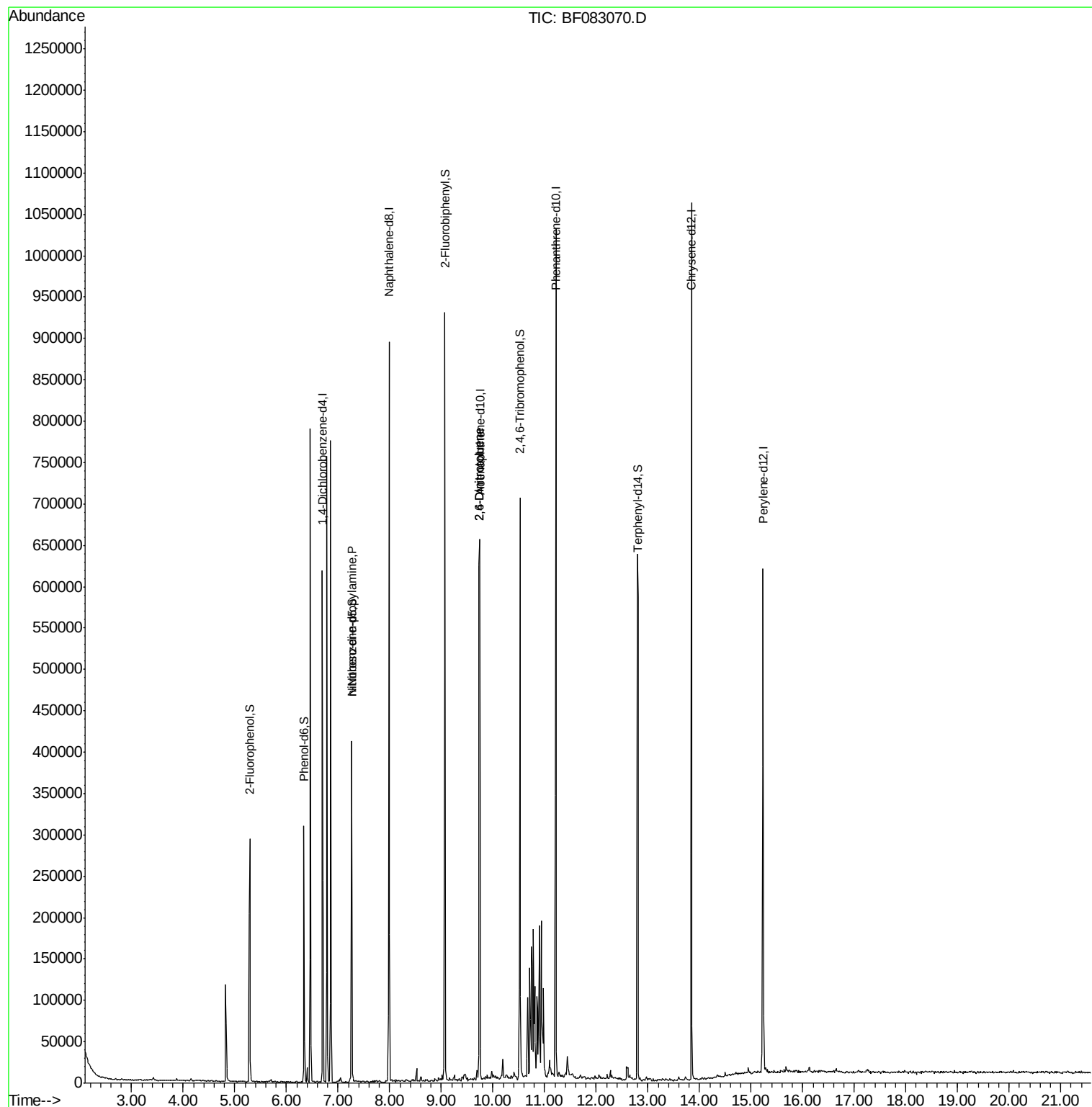
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	96923	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	379260	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	192370	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	394944	20.00	ng	0.00
75) Chrysene-d12	13.85	240	372939	20.00	ng	-0.01
86) Perylene-d12	15.23	264	292872	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	104342	16.72	ng	0.00
7) Phenol-d6	6.34	99	95927	11.67	ng	-0.01
23) Nitrobenzene-d5	7.26	82	189453	22.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	71783	35.15	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	349380	24.46	ng	-0.01
78) Terphenyl-d14	12.81	244	289014	18.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	23389	3.89	ng	# 71
50) 2,6-Dinitrotoluene	9.73	165	24874	7.29	ng	# 25
56) 2,4-Dinitrotoluene	9.73	165	24874	5.45	ng	# 17

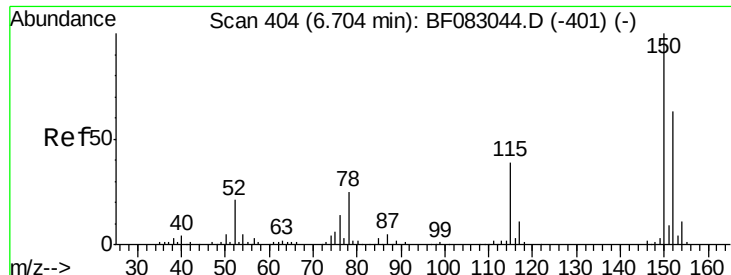
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 20 01:33:39 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF083070.D

Acq: 20 Nov 2015 8:46

Instrument :

BNA_F

ClientSampleId :

MW-15

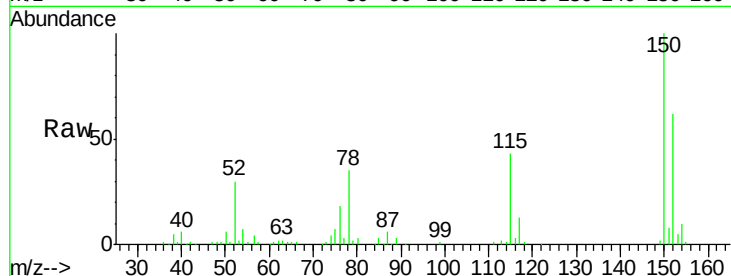
Tgt Ion:152 Resp: 96923

Ion Ratio Lower Upper

152 100

150 162.1 126.4 189.6

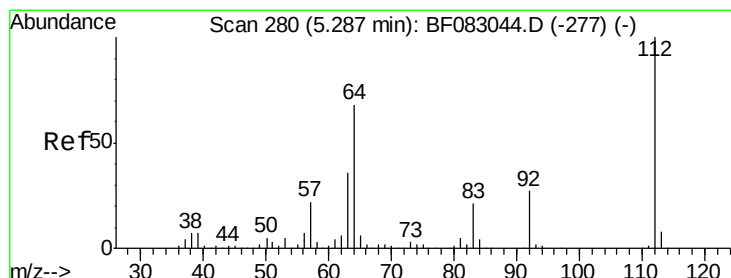
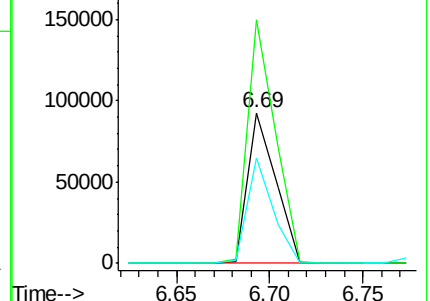
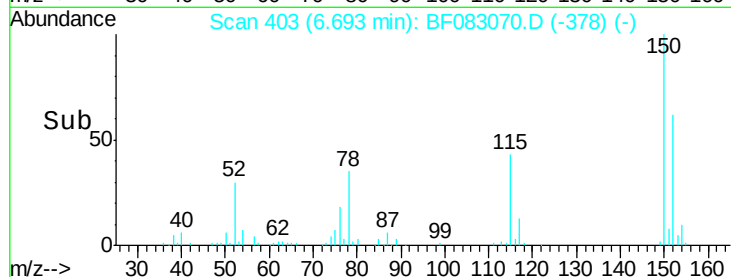
115 70.3 49.0 73.6



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: 16.72 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF083070.D

Acq: 20 Nov 2015 8:46

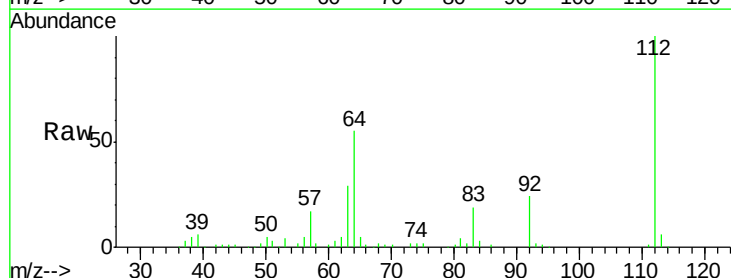
Tgt Ion:112 Resp: 104342

Ion Ratio Lower Upper

112 100

64 55.1 54.8 82.2

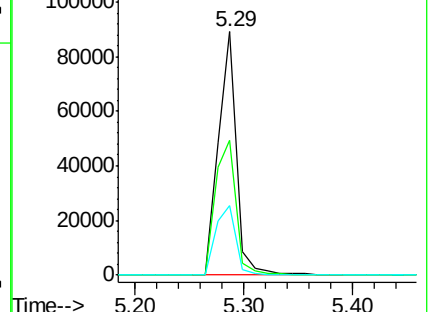
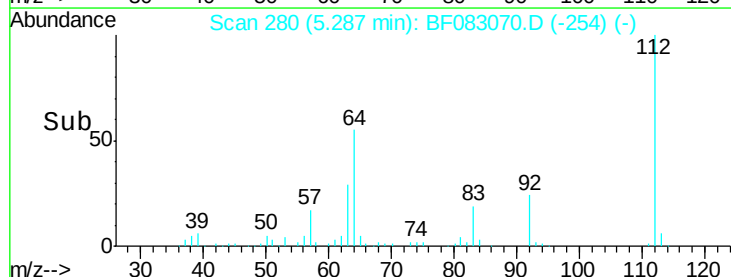
63 28.6 29.0 43.4#

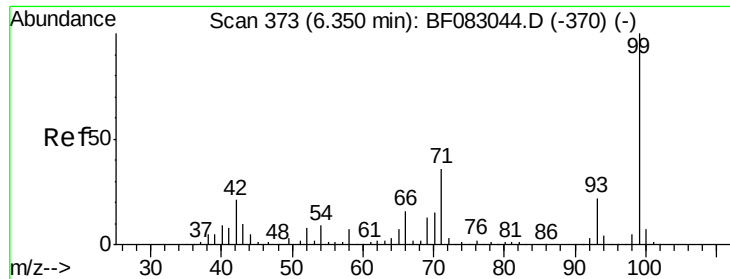


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.67 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF083070.D

Acq: 20 Nov 2015 8:46

Instrument :

BNA_F

ClientSampleId :

MW-15

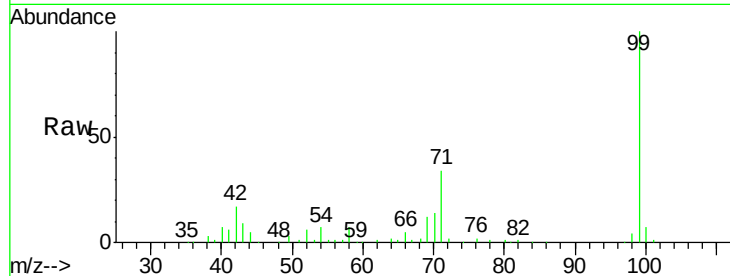
Tgt Ion: 99 Resp: 95927

Ion Ratio Lower Upper

99 100

42 17.1 16.6 25.0

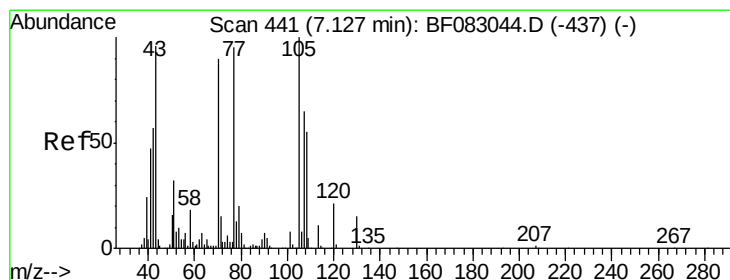
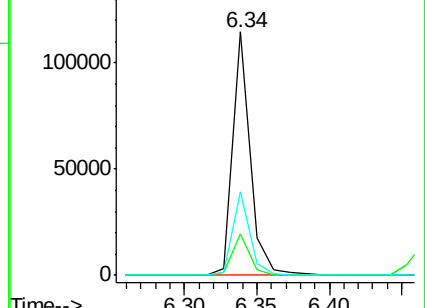
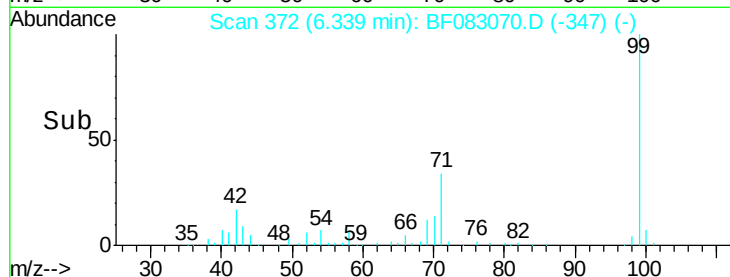
71 34.2 29.2 43.8



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: 3.89 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.14 min

Lab File: BF083070.D

Acq: 20 Nov 2015 8:46

Tgt Ion: 70 Resp: 23389

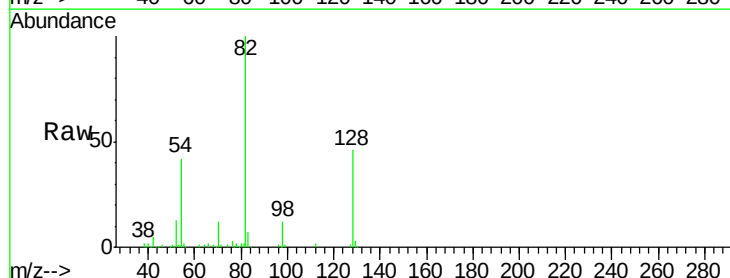
Ion Ratio Lower Upper

70 100

42 40.3 50.2 75.2#

101 0.0 6.8 10.2#

130 2.1 12.9 19.3#

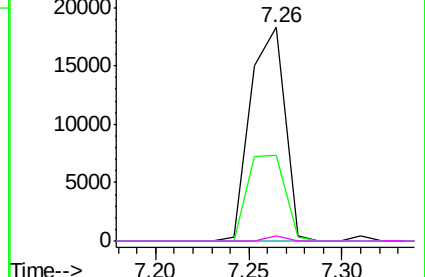
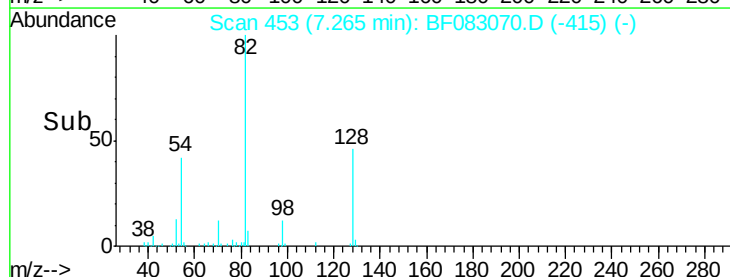


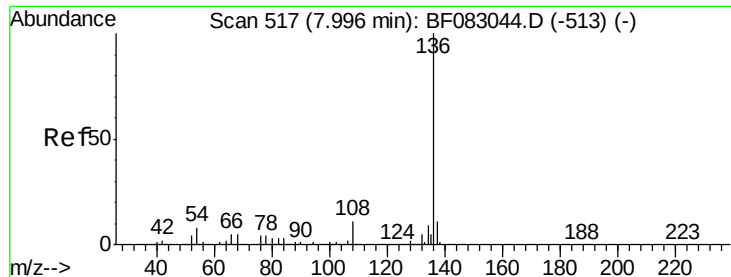
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

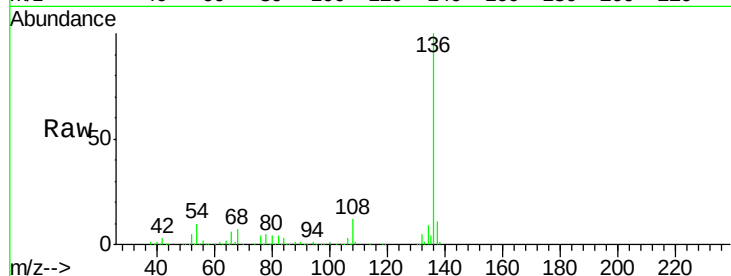




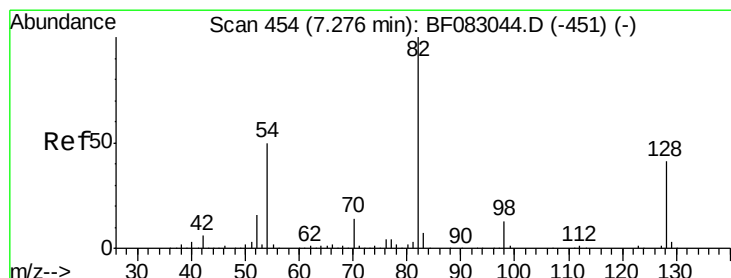
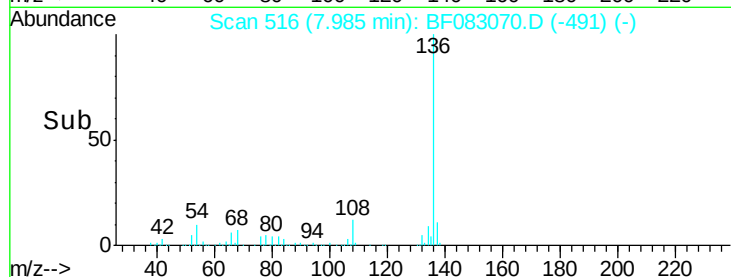
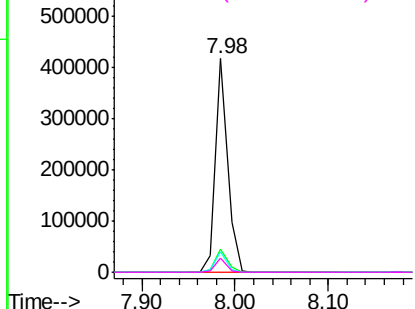
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083070.D
Acq: 20 Nov 2015 8:46

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion:	136	Resp:	379260
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	9.8	6.2	9.2#
68	6.5	4.2	6.2#

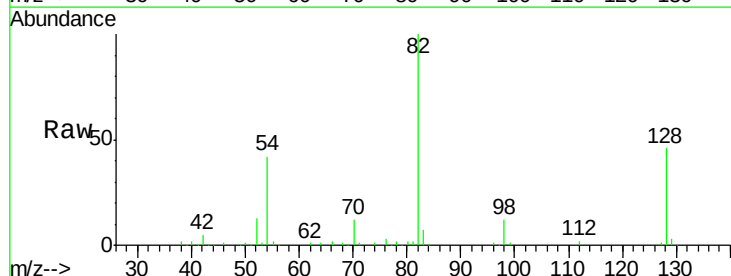


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

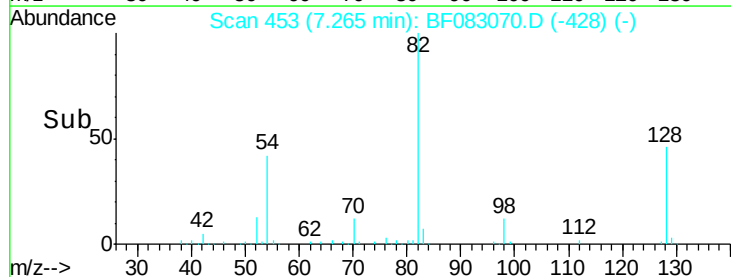
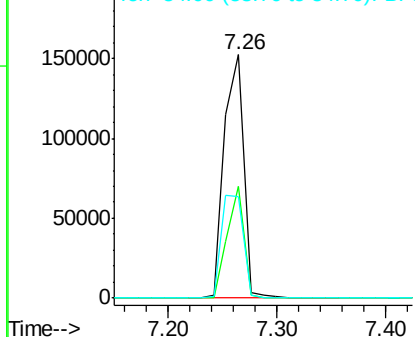


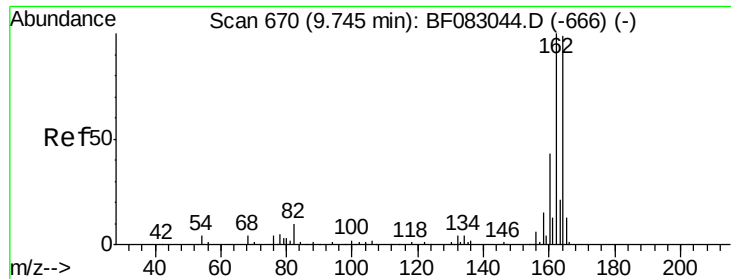
#23
Nitrobenzene-d5
Concen: 22.87 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083070.D
Acq: 20 Nov 2015 8:46

Tgt Ion:	82	Resp:	189453
Ion	Ratio	Lower	Upper
82	100		
128	45.8	33.1	49.7
54	41.8	39.8	59.6



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083070.D

Acq: 20 Nov 2015 8:46

Instrument :

BNA_F

ClientSampleId :

MW-15

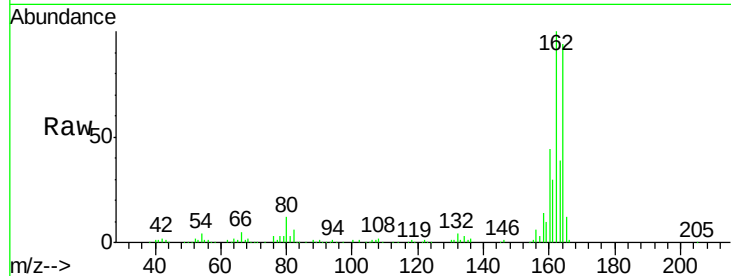
Tgt Ion:164 Resp: 192370

Ion Ratio Lower Upper

164 100

162 106.8 80.5 120.7

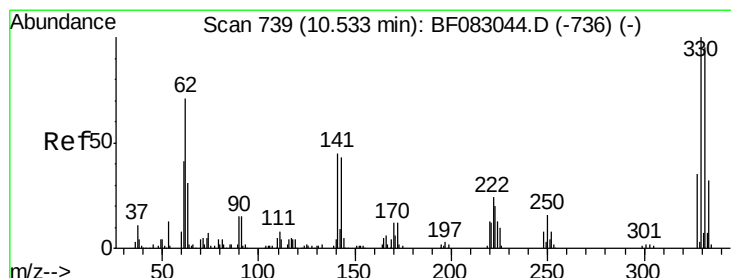
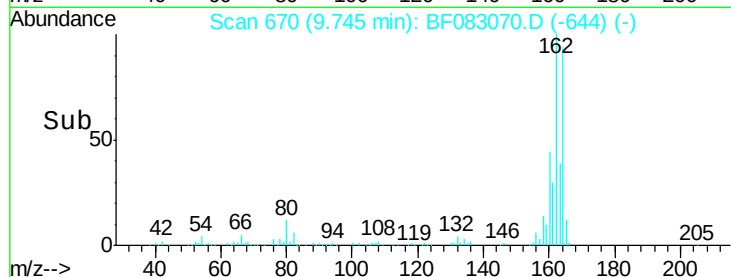
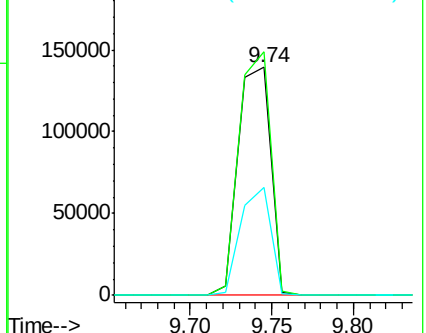
160 47.1 35.0 52.4



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: 35.15 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF083070.D

Acq: 20 Nov 2015 8:46

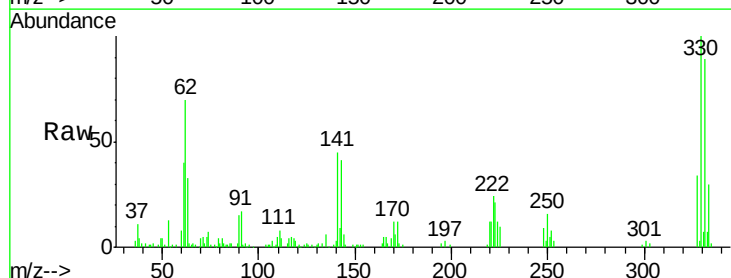
Tgt Ion:330 Resp: 71783

Ion Ratio Lower Upper

330 100

332 90.8 77.6 116.4

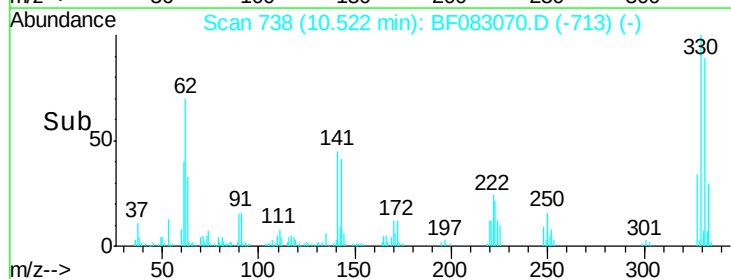
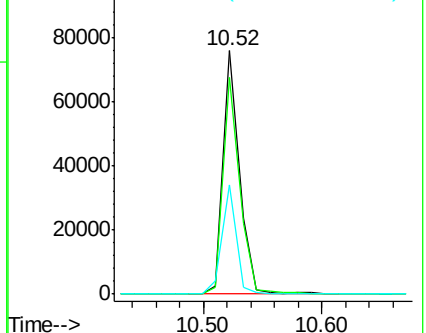
141 39.4 34.6 52.0

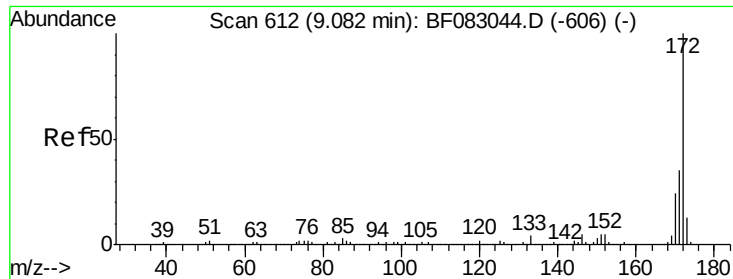


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

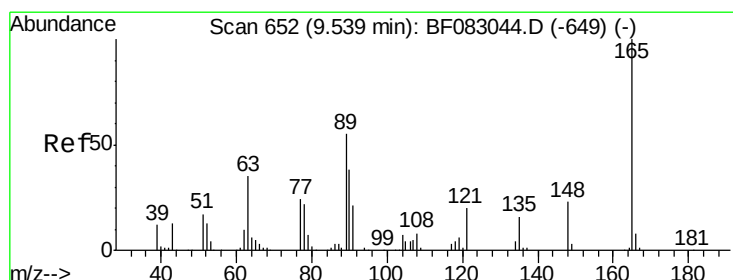
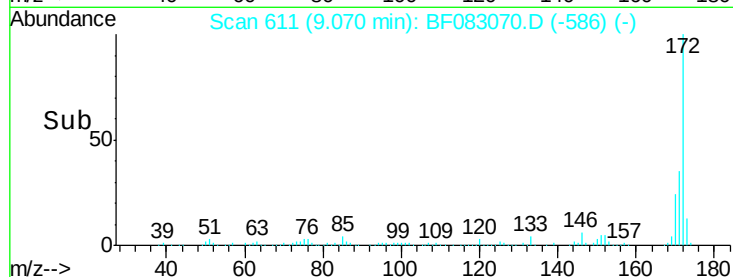
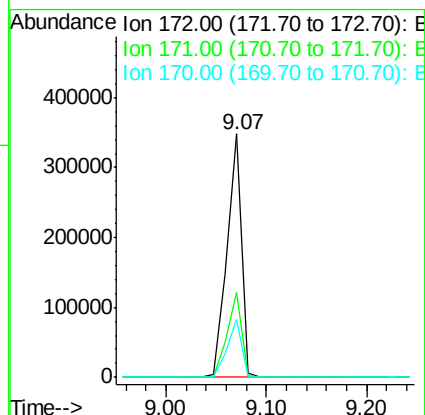
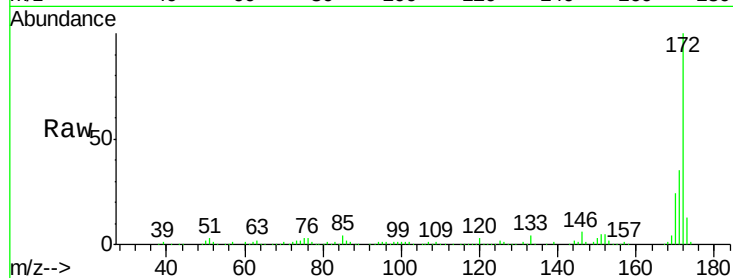




#44
 2-Fluorobiphenyl
 Concen: 24.46 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083070.D
 Acq: 20 Nov 2015 8:46

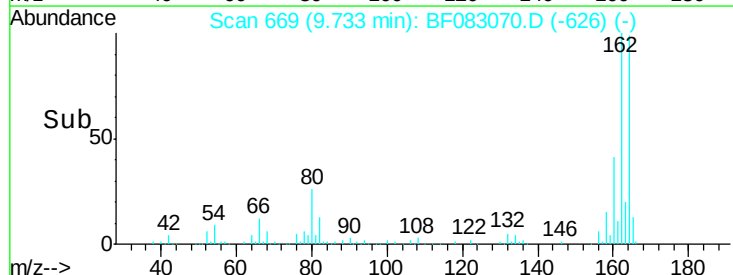
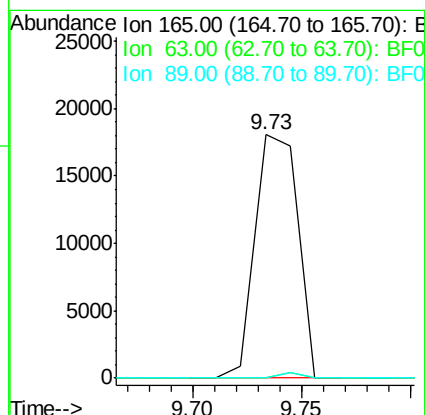
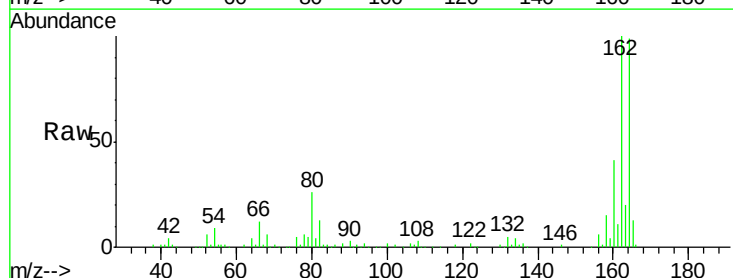
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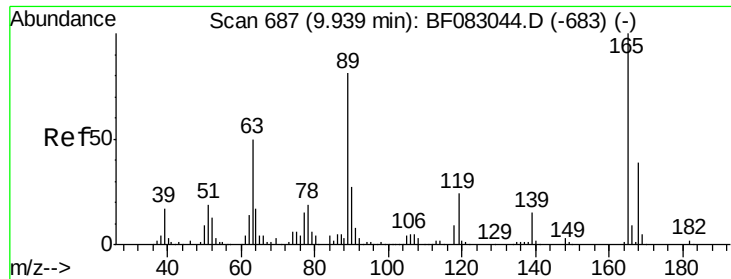
Tgt Ion:	172	Resp:	349380
Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.4
170	24.0	19.4	29.0



#50
 2,6-Dinitrotoluene
 Concen: 7.29 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.19 min
 Lab File: BF083070.D
 Acq: 20 Nov 2015 8:46

Tgt Ion:	165	Resp:	24874
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.6	61.0#
89	0.0	44.5	66.7#

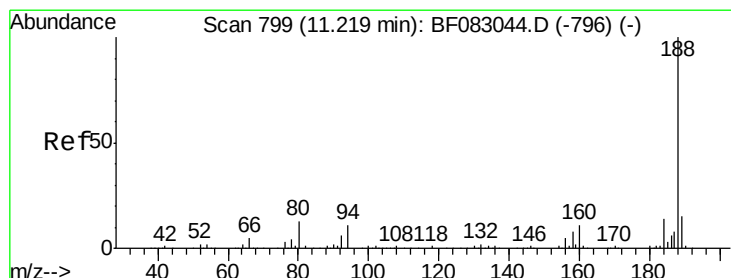
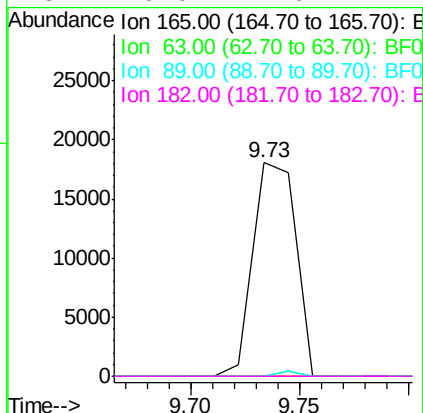
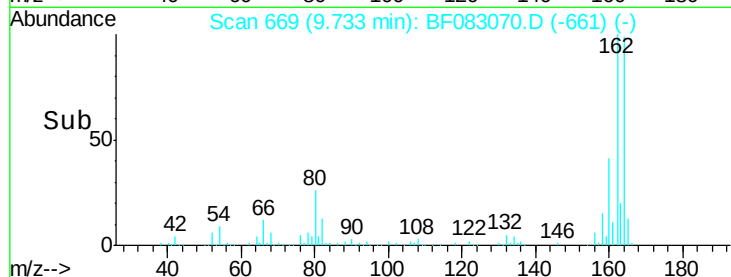
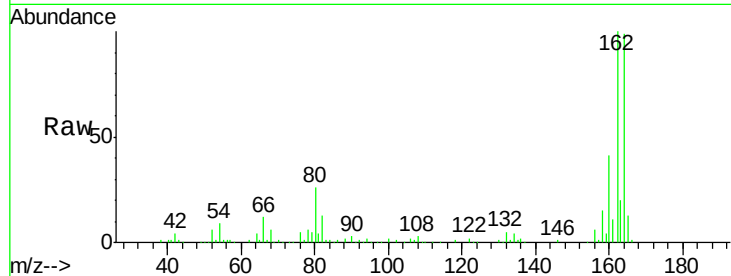




#56
 2,4-Dinitrotoluene
 Concen: 5.45 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.21 min
 Lab File: BF083070.D
 Acq: 20 Nov 2015 8:46

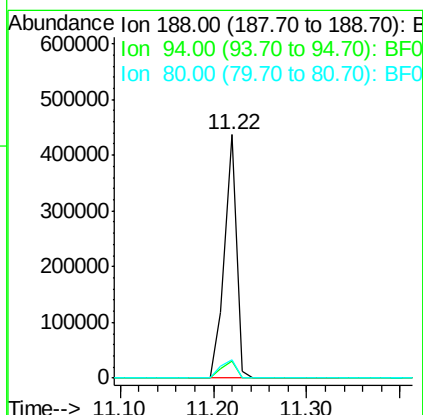
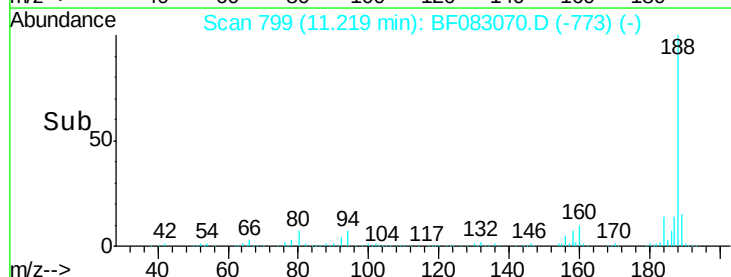
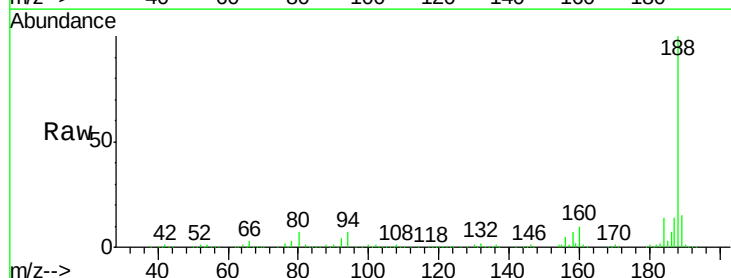
Instrument :
 BNA_F
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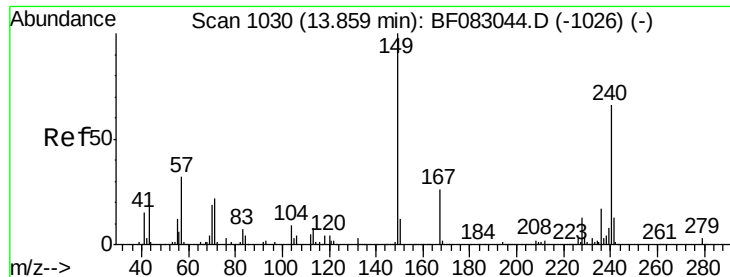
Tgt Ion:	165	Resp:	24874
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.6	61.0#
89	0.0	64.4	96.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF083070.D
 Acq: 20 Nov 2015 8:46

Tgt Ion:	188	Resp:	394944
Ion	Ratio	Lower	Upper
188	100		
94	7.0	9.0	13.4#
80	7.3	10.2	15.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF083070.D

Acq: 20 Nov 2015 8:46

Instrument :

BNA_F

ClientSampled :

MW-15

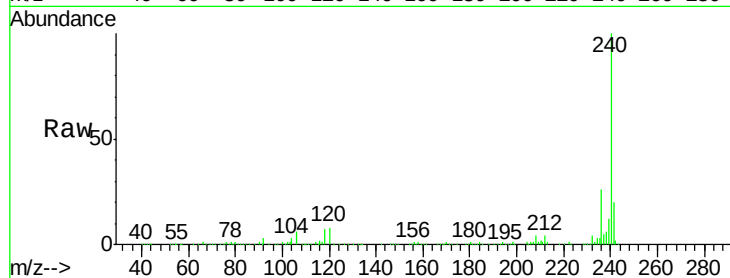
Tgt Ion:240 Resp: 372939

Ion Ratio Lower Upper

240 100

120 7.8 5.3 7.9

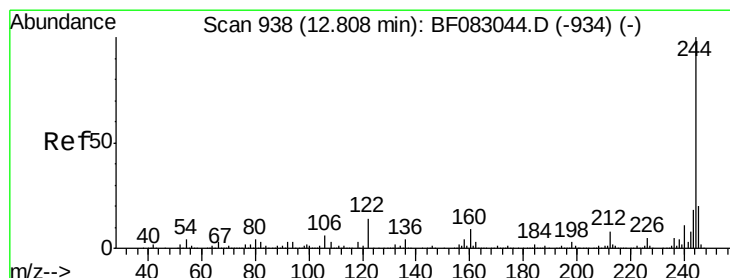
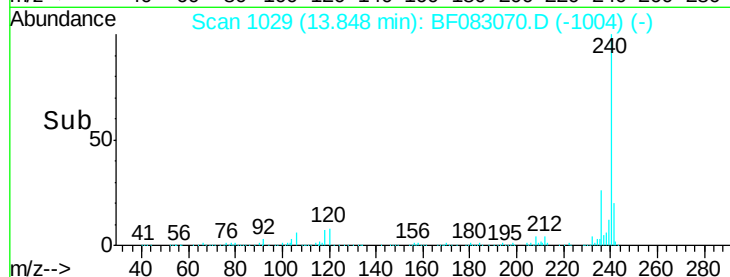
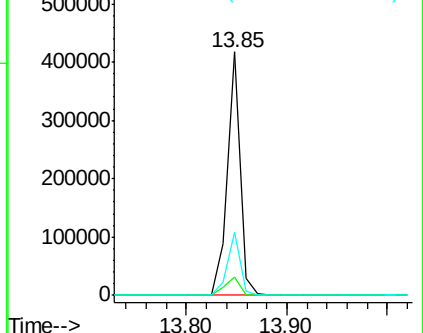
236 26.0 20.4 30.6



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: 18.29 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083070.D

Acq: 20 Nov 2015 8:46

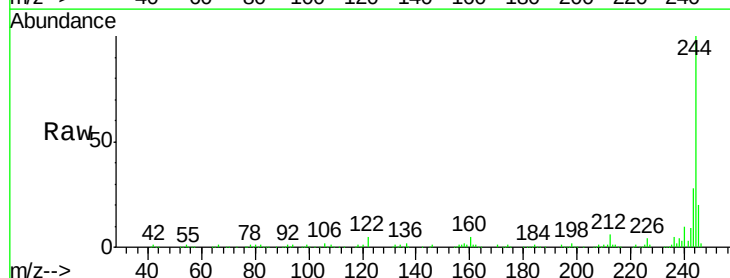
Tgt Ion:244 Resp: 289014

Ion Ratio Lower Upper

244 100

212 6.5 6.4 9.6

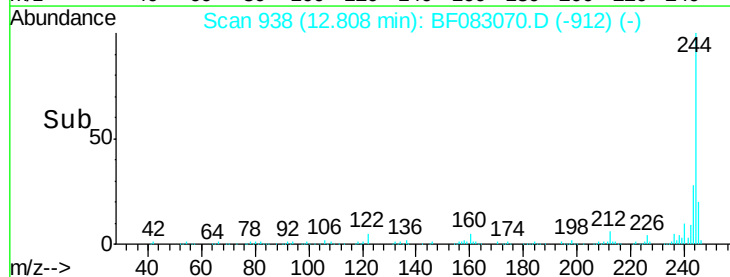
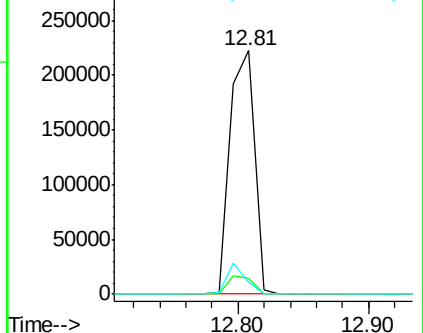
122 5.0 10.9 16.3#

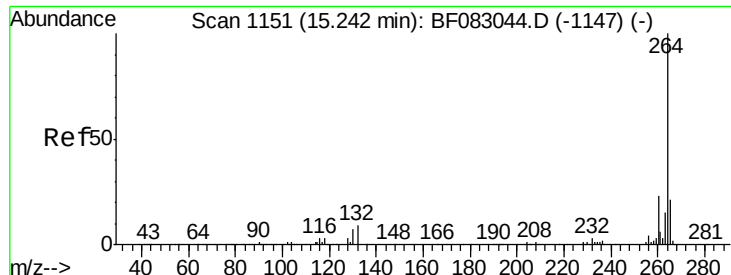


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083070.D
 Acq: 20 Nov 2015 8:46

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.2	17.0	25.6

