

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083170.D
 Acq On : 22 Nov 2015 20:41
 Operator : UM/IZ
 Sample : G4455-06
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Quant Time: Nov 23 03:41:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

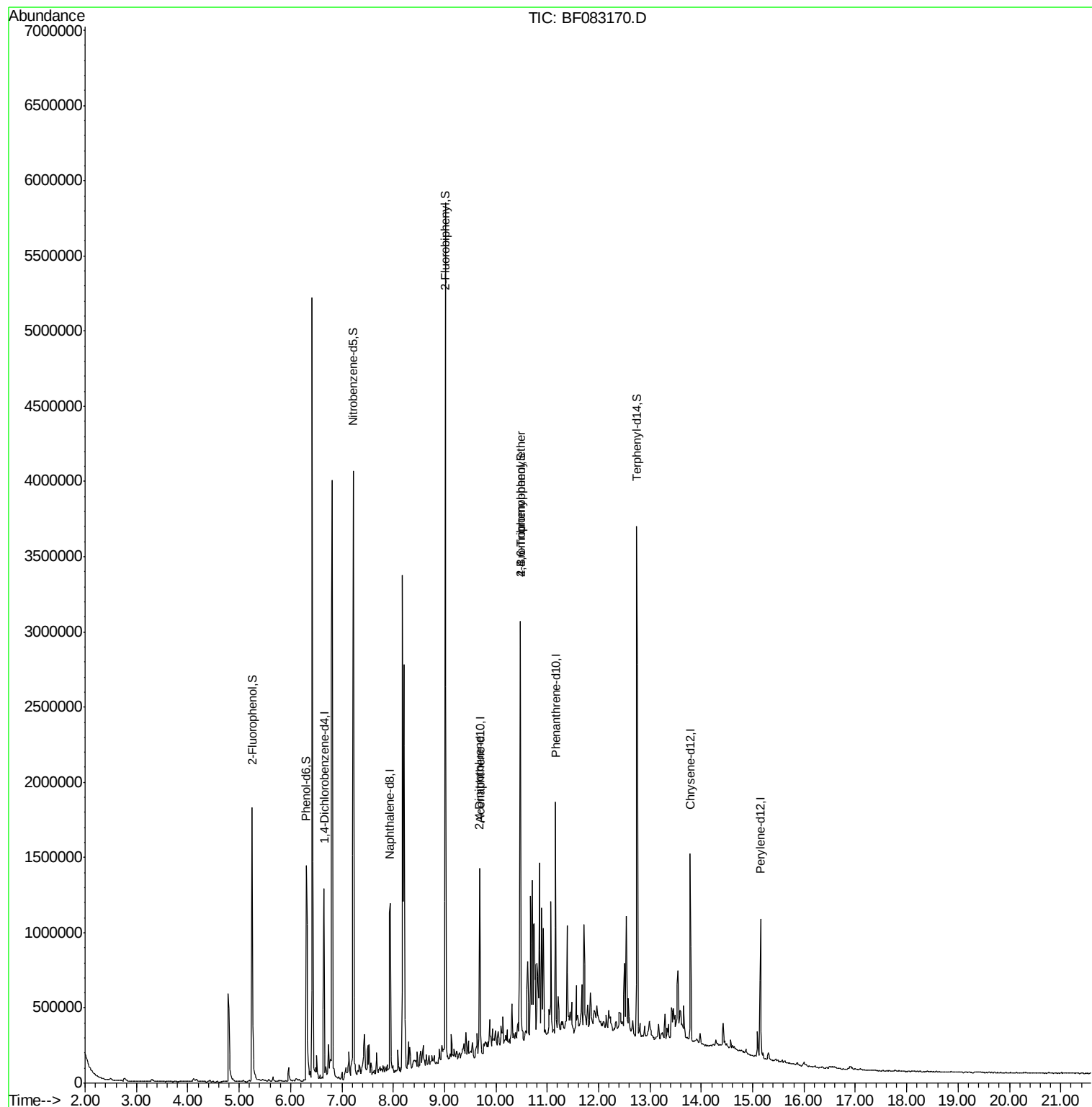
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	193048	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	724051	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	351858	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	644290	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	511632	20.00	ng	-0.02
86) Perylene-d12	15.15	264	431893	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	844353	66.13	ng	-0.02
7) Phenol-d6	6.31	99	708593	42.89	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1453881	91.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	476231	132.30	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2138618	84.76	ng	-0.01
78) Terphenyl-d14	12.74	244	1450268	66.75	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.32	77	1183	Below Cal	#	4
56) 2,4-Dinitrotoluene	9.68	165	47081	6.11	ng	# 13
66) 4-Bromophenyl-phenylether	10.48	248	32178	4.50	ng	# 1

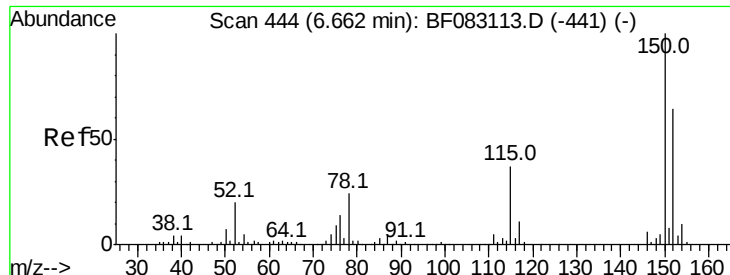
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_F
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MW-14

Quant Time: Nov 23 03:41:01 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF083170.D

Acq: 22 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

MW-14

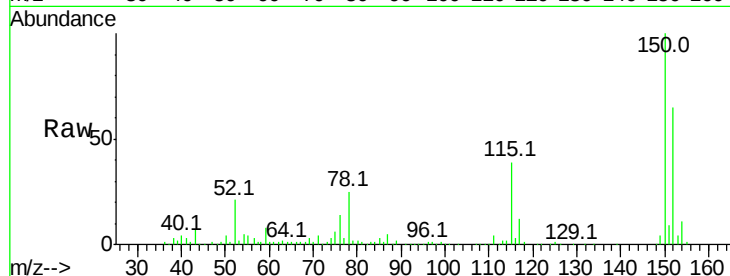
Tot Ion:152 Resp: 193048

Ion Ratio Lower Upper

152 100

150 152.8 125.8 188.8

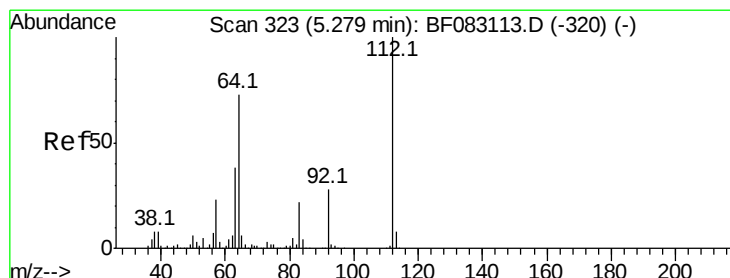
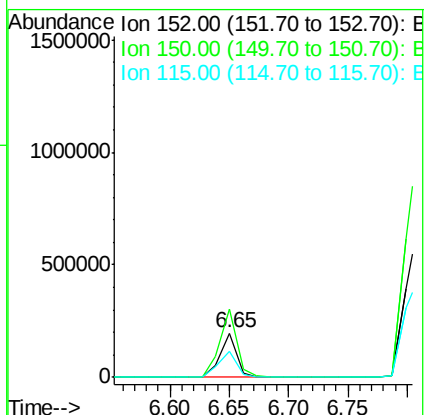
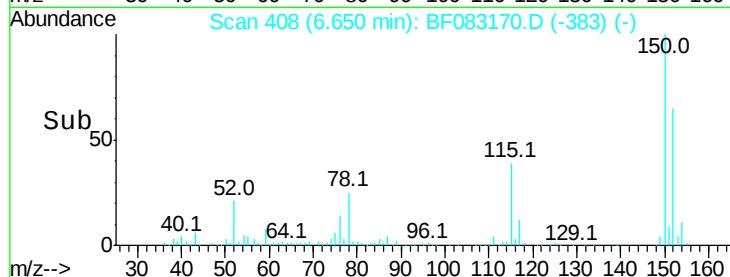
115 59.5 46.9 70.3



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: 66.13 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083170.D

Acq: 22 Nov 2015 20:41

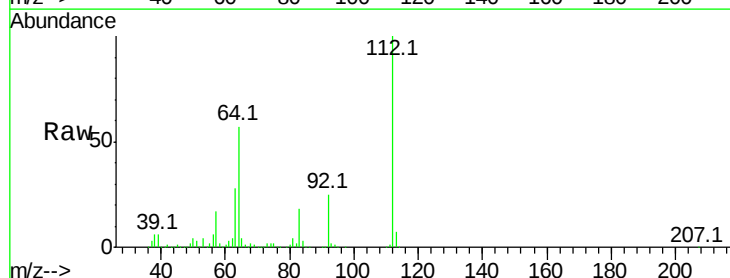
Tgt Ion:112 Resp: 844353

Ion Ratio Lower Upper

112 100

64 57.5 58.4 87.6#

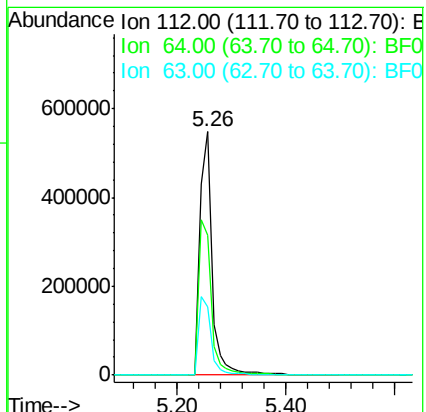
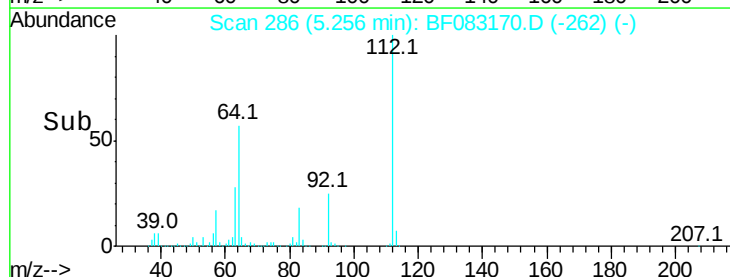
63 28.2 30.0 45.0#

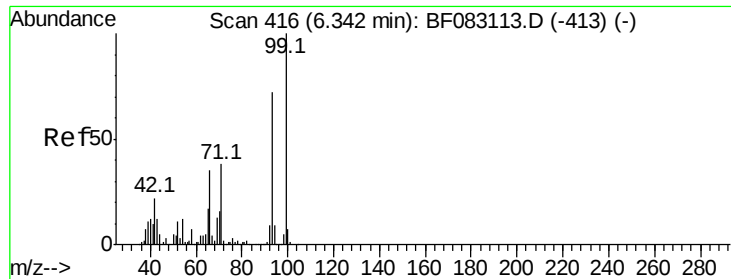


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.89 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083170.D

Acq: 22 Nov 2015 20:41

Instrument :

BNA_F

ClientSampleId :

MW-14

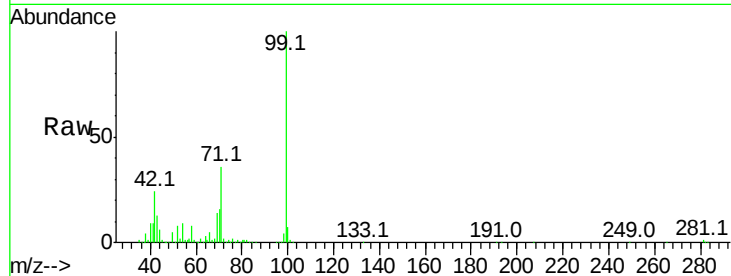
Tot Ion: 99 Resp: 708593

Ion Ratio Lower Upper

99 100

42 23.5 17.7 26.5

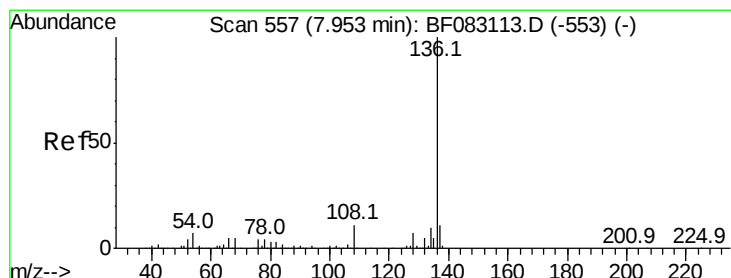
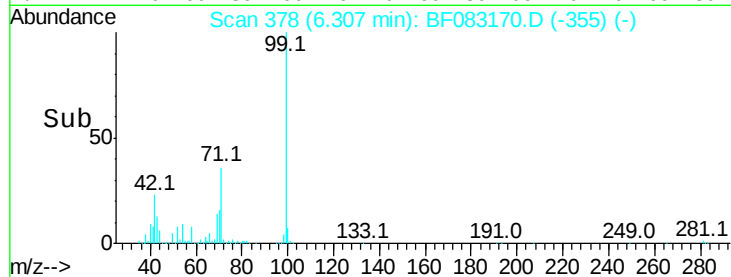
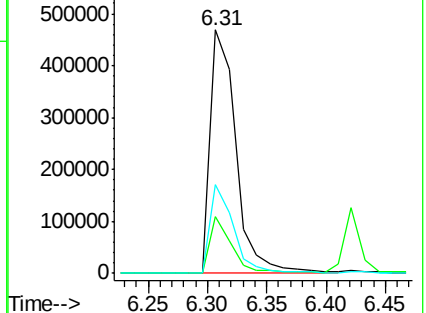
71 36.2 30.2 45.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083170.D

Acq: 22 Nov 2015 20:41

Tgt Ion: 136 Resp: 724051

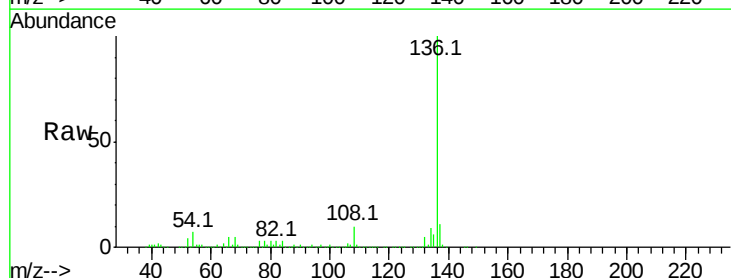
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.1 5.8 8.6

68 5.2 3.8 5.8

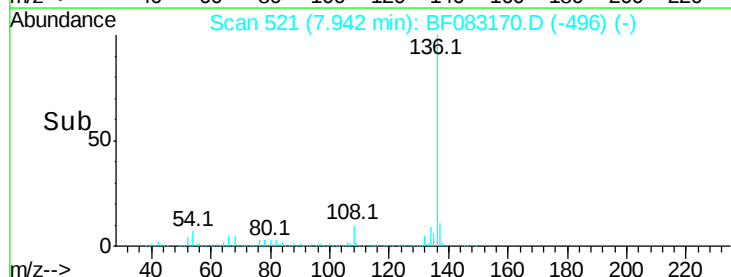
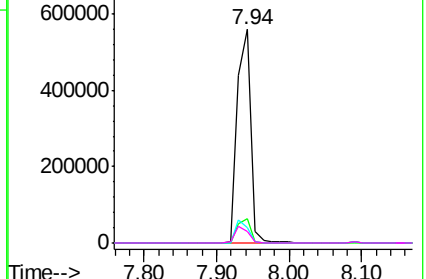


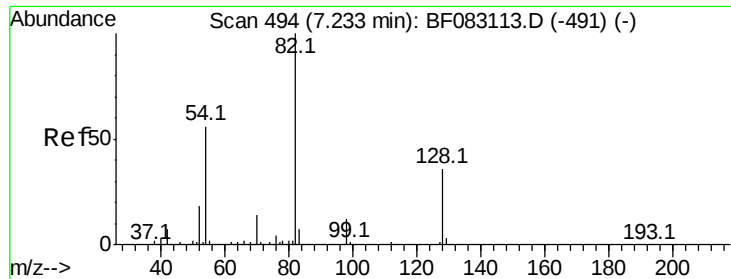
Abundance Ion 136.00 (135.70 to 136.70): E

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



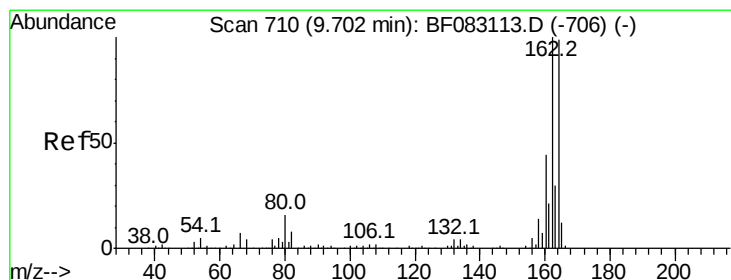
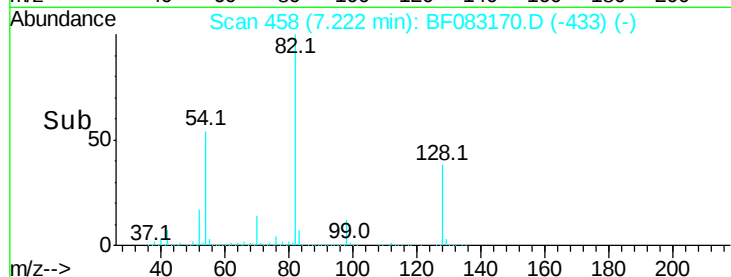
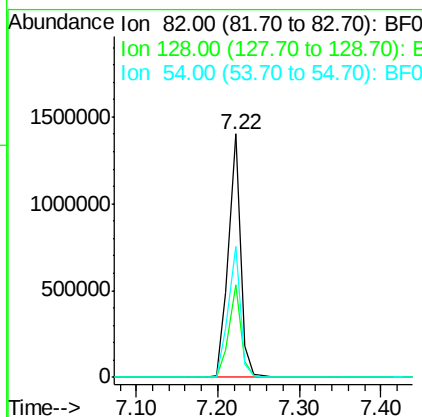
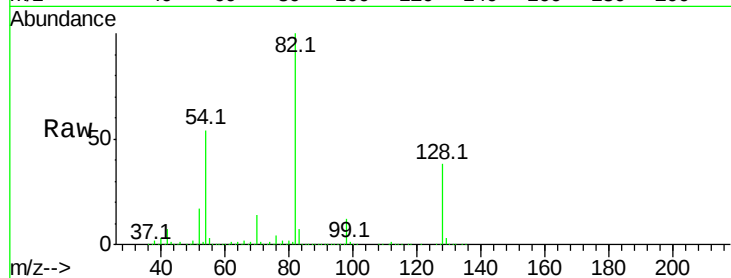


#23
 Nitrobenzene-d5
 Concen: 91.75 ng
 RT: 7.22 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083170.D
 Acq: 22 Nov 2015 20:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tot Ion: 82 Resp: 1453881

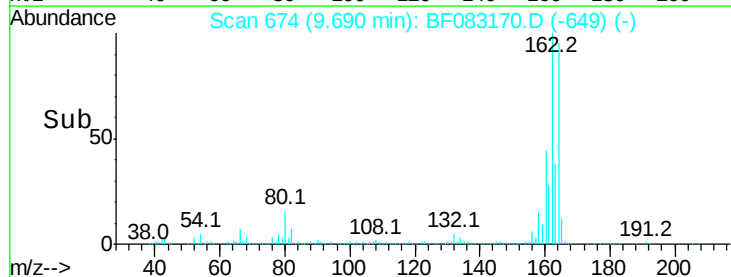
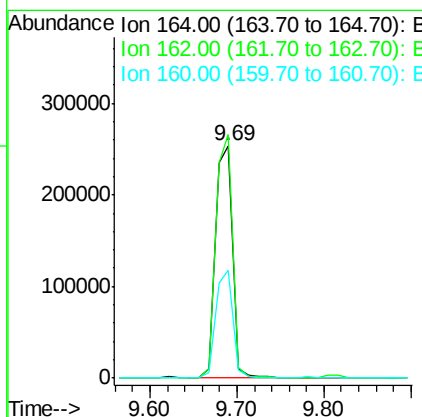
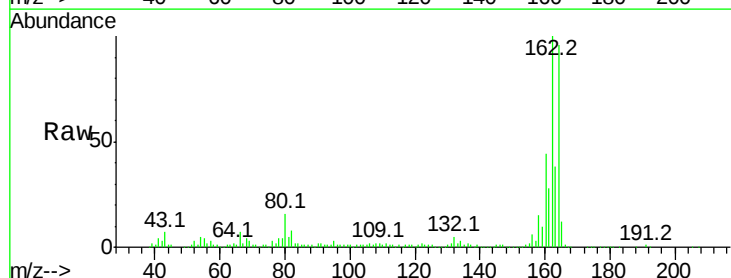
Ion	Ratio	Lower	Upper
82	100		
128	37.9	28.5	42.7
54	54.0	44.6	67.0

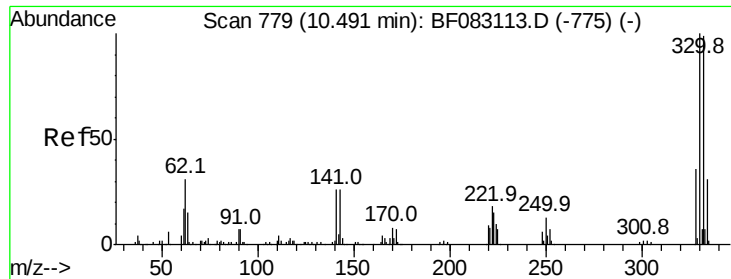


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF083170.D
 Acq: 22 Nov 2015 20:41

Tgt Ion:164 Resp: 351858

Ion	Ratio	Lower	Upper
164	100		
162	104.7	81.2	121.8
160	46.3	35.6	53.4

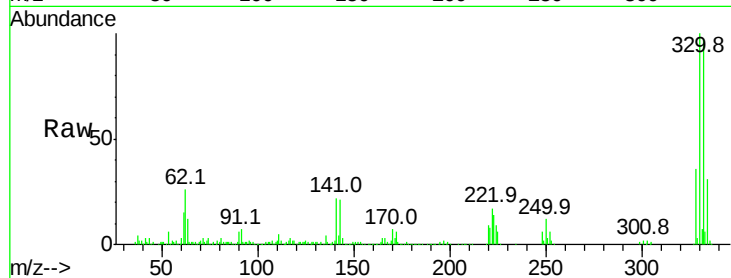




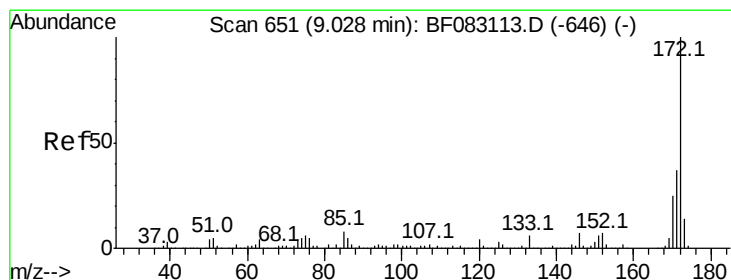
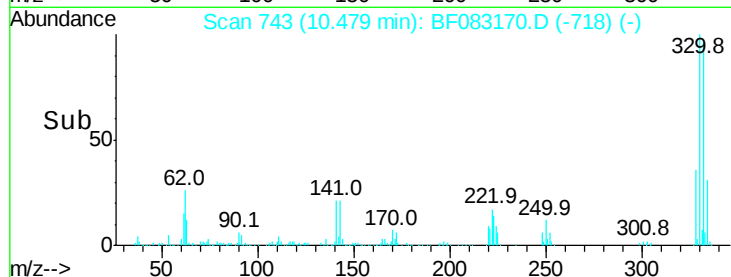
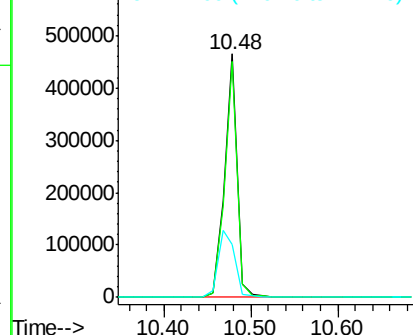
#41
 2,4,6-Tribromophenol
 Concen: 132.30 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083170.D
 Acq: 22 Nov 2015 20:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tot Ion:330 Resp: 476231
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.7 116.5
 141 35.5 29.7 44.5

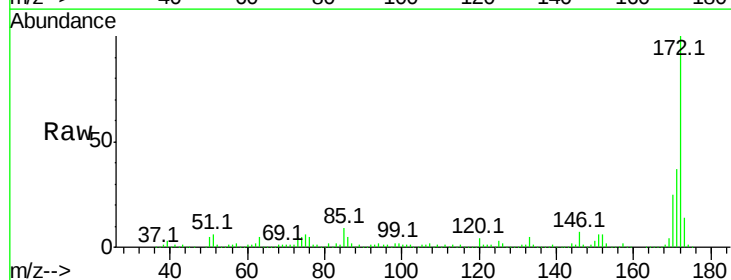


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

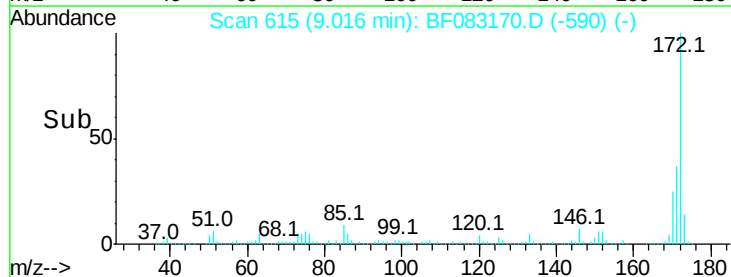
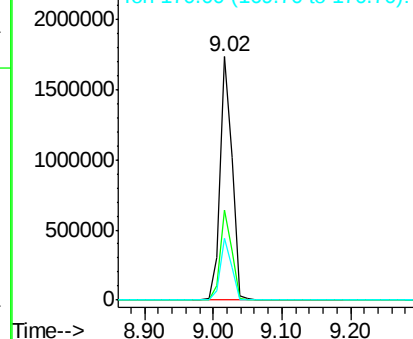


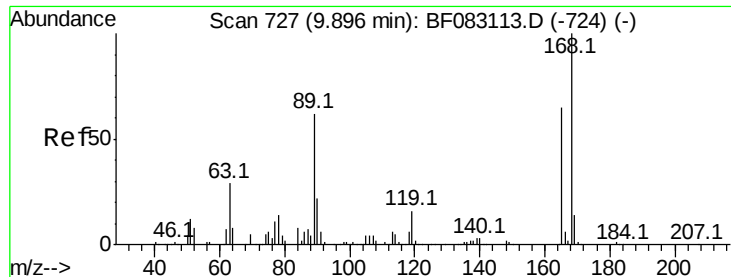
#44
 2-Fluorobiphenyl
 Concen: 84.76 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083170.D
 Acq: 22 Nov 2015 20:41

Tgt Ion:172 Resp: 2138618
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.5 44.3
 170 25.2 19.9 29.9



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

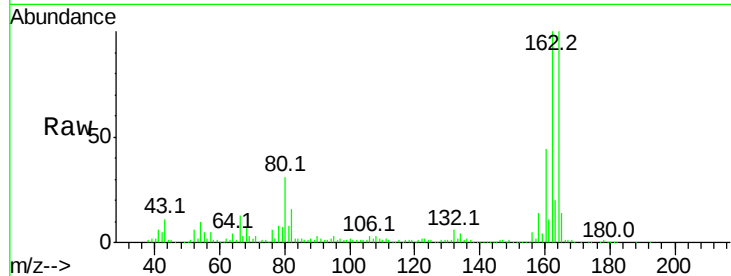




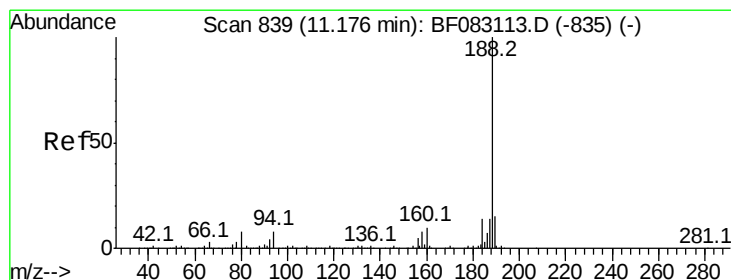
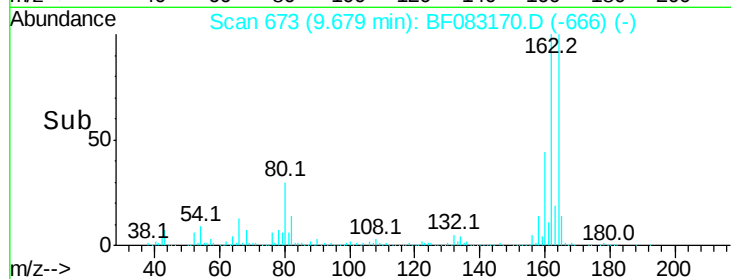
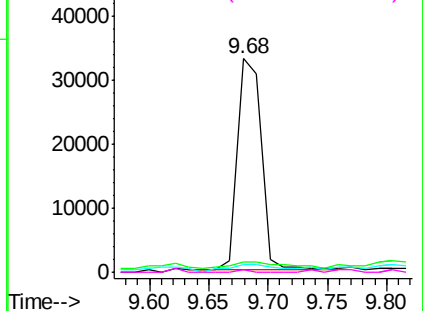
#56
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.22 min
Lab File: BF083170.D
Acq: 22 Nov 2015 20:41

Instrument :
BNA_F
ClientSampleId :
MW-14

Tot Ion:165 Resp: 47081
Ion Ratio Lower Upper
165 100
63 4.7 54.5 81.7#
89 3.7 77.3 115.9#
182 1.1 1.8 2.6#

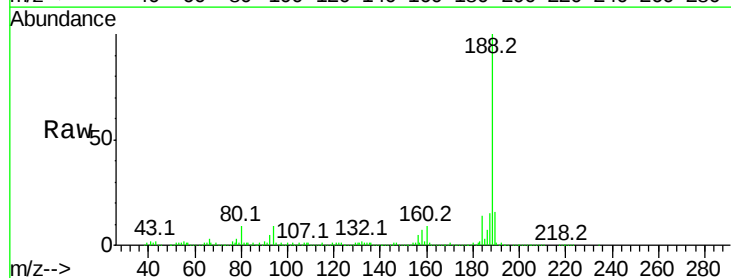


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

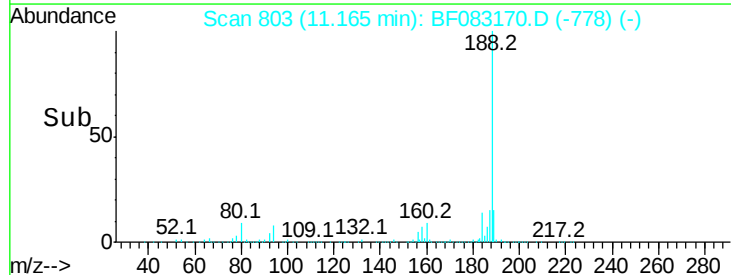
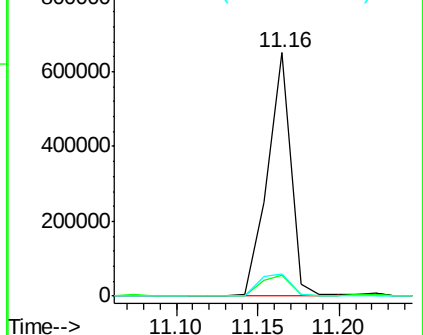


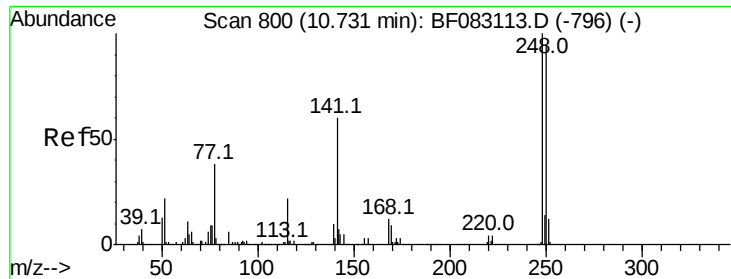
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083170.D
Acq: 22 Nov 2015 20:41

Tgt Ion:188 Resp: 644290
Ion Ratio Lower Upper
188 100
94 8.6 6.0 9.0
80 9.1 6.7 10.1



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

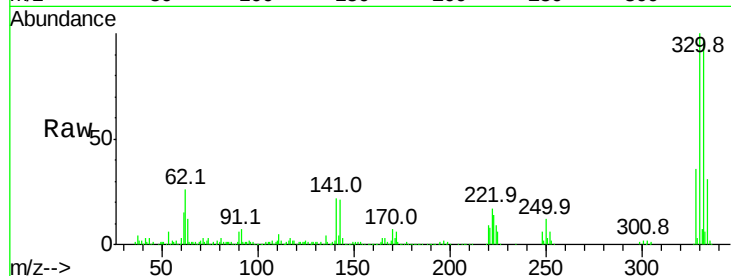




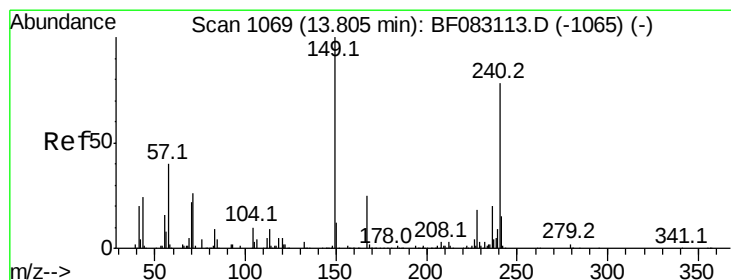
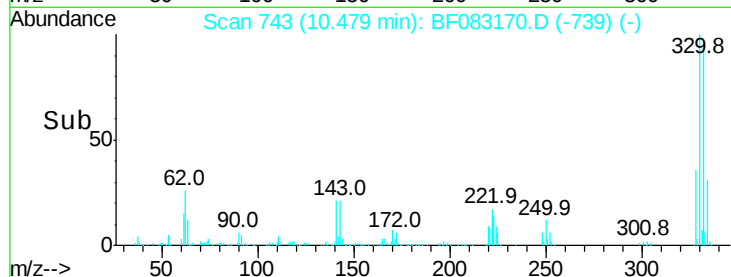
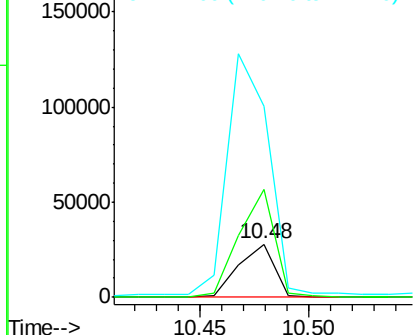
#66
 4-Bromophenyl-phenylether
 Concen: 4.50 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.25 min
 Lab File: BF083170.D
 Acq: 22 Nov 2015 20:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tot Ion:248 Resp: 32178
 Ion Ratio Lower Upper
 248 100
 250 201.0 75.4 113.2#
 141 357.4 48.1 72.1#

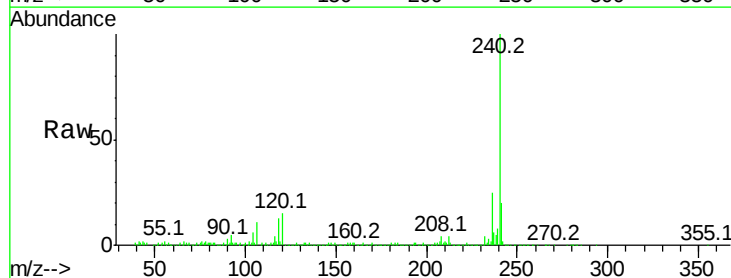


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

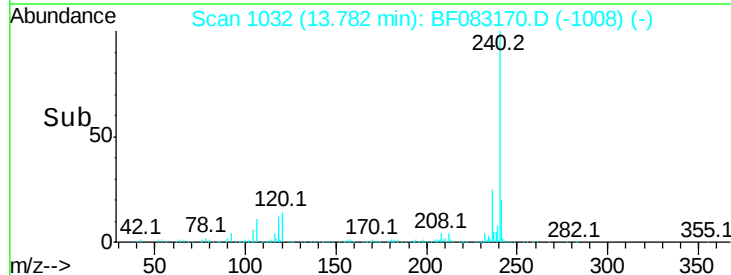
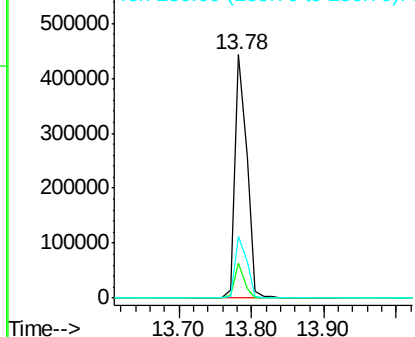


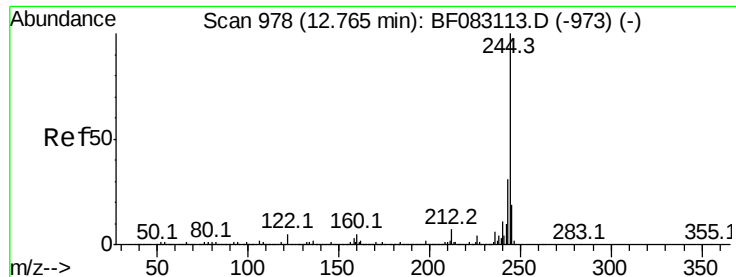
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.78 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF083170.D
 Acq: 22 Nov 2015 20:41

Tgt Ion:240 Resp: 511632
 Ion Ratio Lower Upper
 240 100
 120 14.5 5.4 8.2#
 236 25.2 20.6 31.0



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: 66.75 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083170.D

Acq: 22 Nov 2015 20:41

Instrument :

BNA_F

ClientSampled :

MW-14

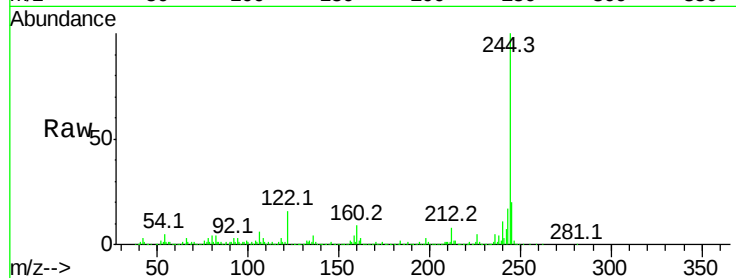
Tot Ion:244 Resp: 1450268

Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.2

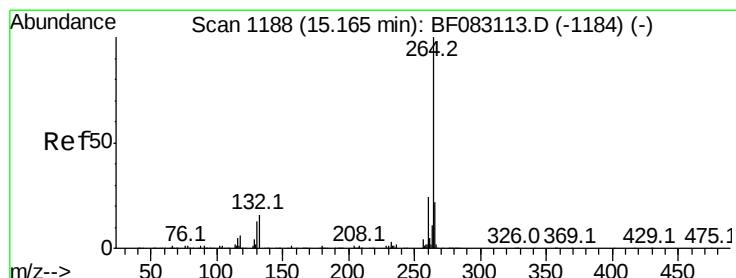
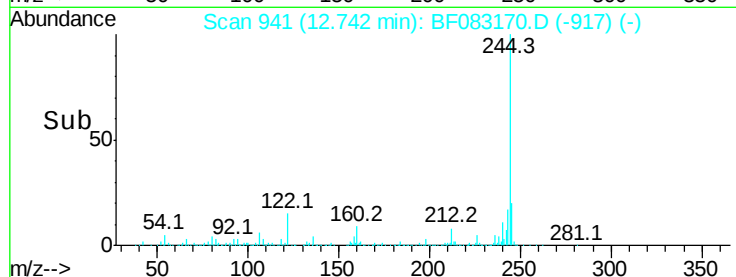
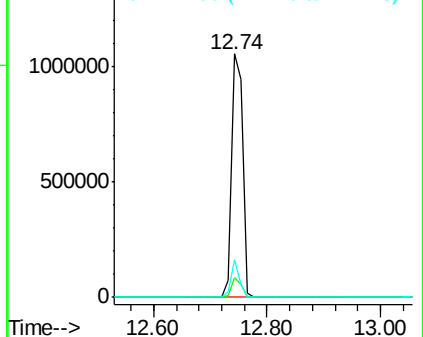
122 15.6 4.3 6.5#



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: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083170.D

Acq: 22 Nov 2015 20:41

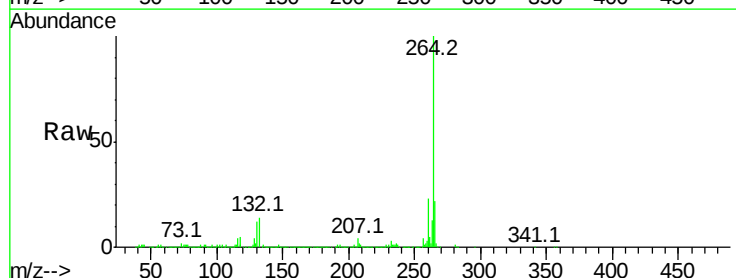
Tgt Ion:264 Resp: 431893

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.7 18.2 27.4



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

