

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083243.D
 Acq On : 24 Nov 2015 18:16
 Operator : UM/IZ
 Sample : G4496-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A18-COMP

Quant Time: Nov 25 00:29:55 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

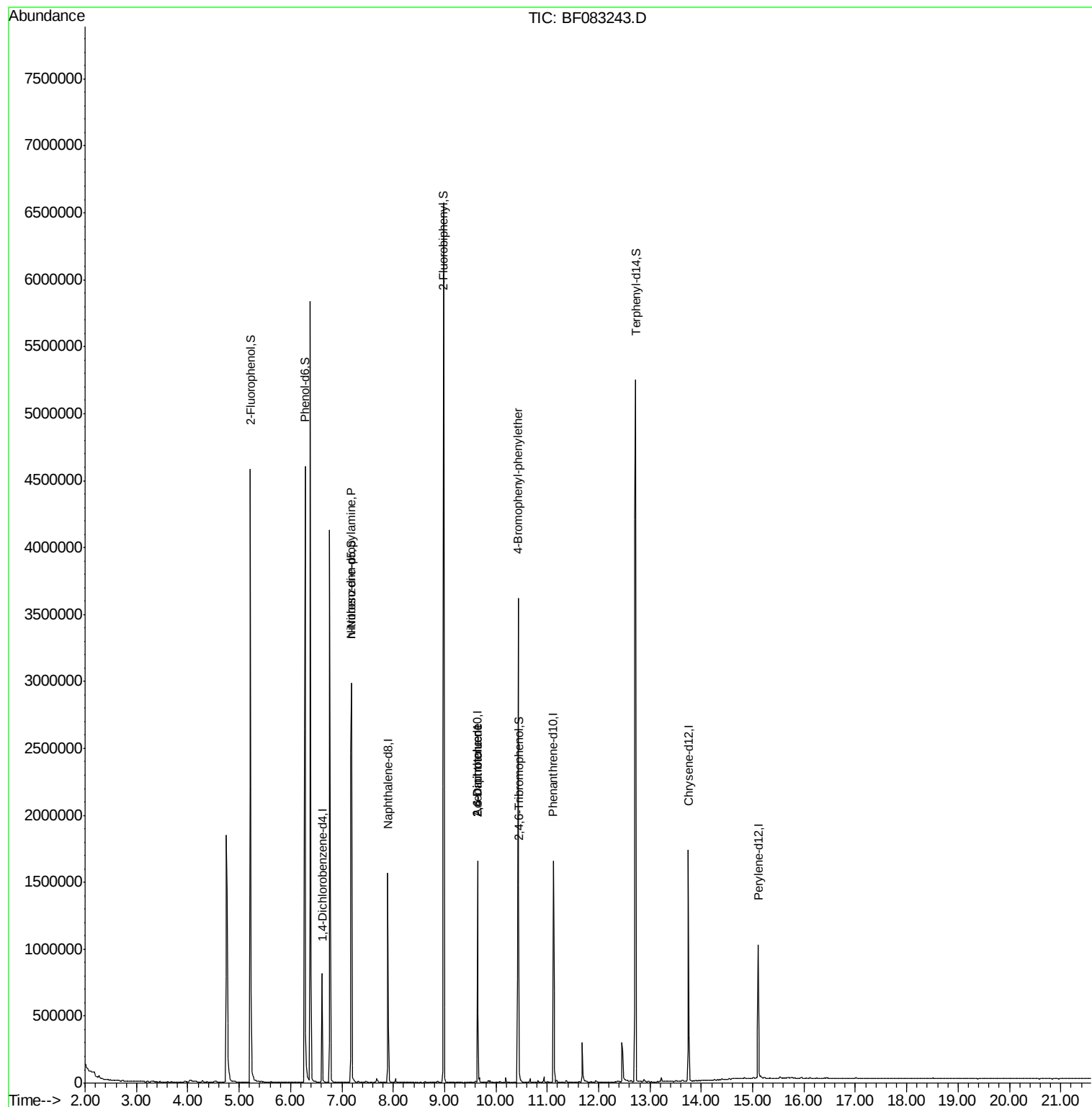
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	175514	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	675299	20.00	ng	-0.06
38) Acenaphthene-d10	9.64	164	340034	20.00	ng	-0.06
63) Phenanthrene-d10	11.12	188	651304	20.00	ng	-0.06
75) Chrysene-d12	13.75	240	577776	20.00	ng	-0.06
86) Perylene-d12	15.11	264	437375	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1443344	124.33	ng	-0.06
7) Phenol-d6	6.28	99	1918668	127.73	ng	-0.06
23) Nitrobenzene-d5	7.19	82	1399080	94.67	ng	-0.05
41) 2,4,6-Tribromophenol	10.44	330	471043	135.41	ng	-0.05
44) 2-Fluorobiphenyl	8.98	172	2062319	84.57	ng	-0.05
78) Terphenyl-d14	12.72	244	2251467	91.76	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.28	77	2168	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.19	70	185994	17.79 ng	#	72
50) 2,6-Dinitrotoluene	9.64	165	45372	7.72 ng	#	13
56) 2,4-Dinitrotoluene	9.64	165	45372	6.10 ng	#	10
66) 4-Bromophenyl-phenylether	10.43	248	31079	4.30 ng	#	1

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

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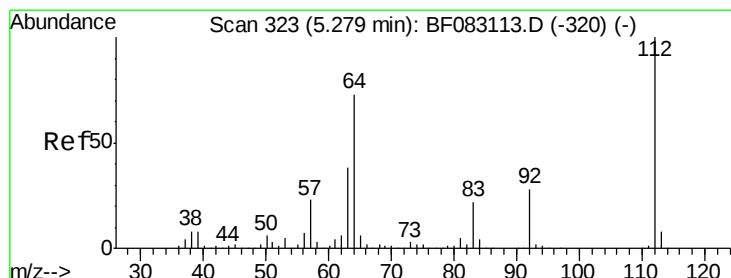
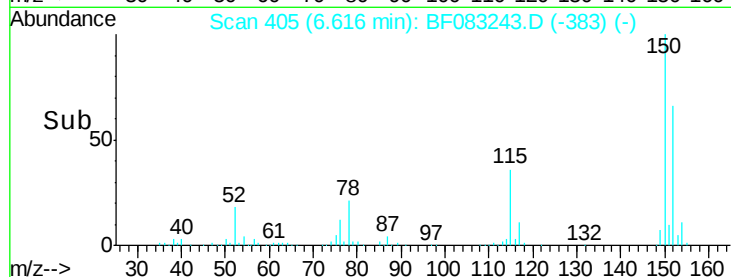
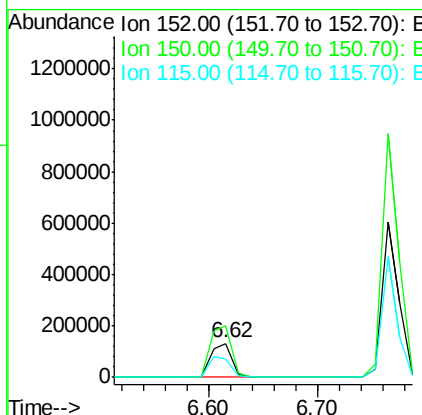
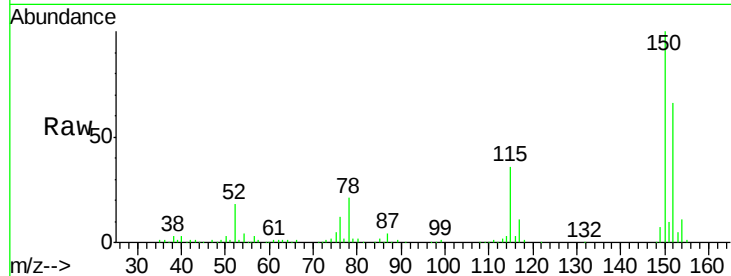


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.62 min Scan# 405
 Delta R.T. -0.05 min
 Lab File: BF083243.D
 Acq: 24 Nov 2015 18:16

Instrument :
 BNA_F
 ClientSampleId :
 A18-COMP

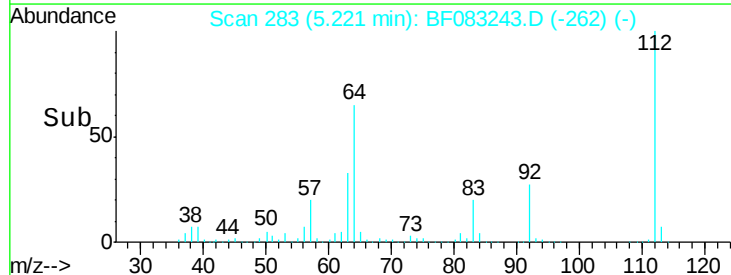
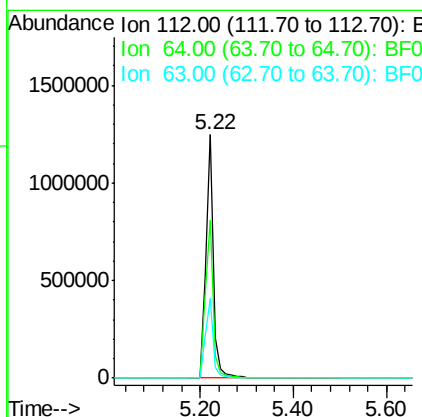
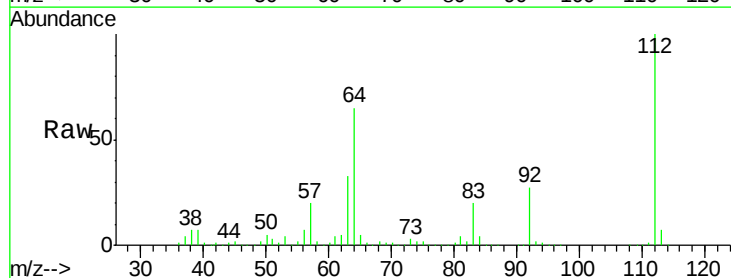
Tgt Ion:152 Resp: 175514
 Ion Ratio Lower Upper
 152 100
 150 151.4 125.8 188.8
 115 54.0 46.9 70.3

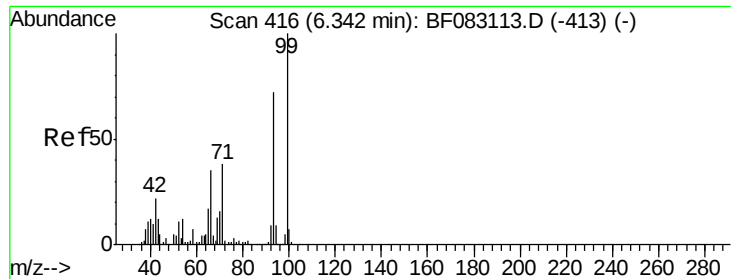


#5

2-Fluorophenol
 Concen: 124.33 ng
 RT: 5.22 min Scan# 283
 Delta R.T. -0.06 min
 Lab File: BF083243.D
 Acq: 24 Nov 2015 18:16

Tgt Ion:112 Resp: 1443344
 Ion Ratio Lower Upper
 112 100
 64 64.7 58.4 87.6
 63 33.0 30.0 45.0





#7

Phenol-d6

Concen: 127.73 ng

RT: 6.28 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF083243.D

Acq: 24 Nov 2015 18:16

Instrument :

BNA_F

ClientSampleId :

A18-COMP

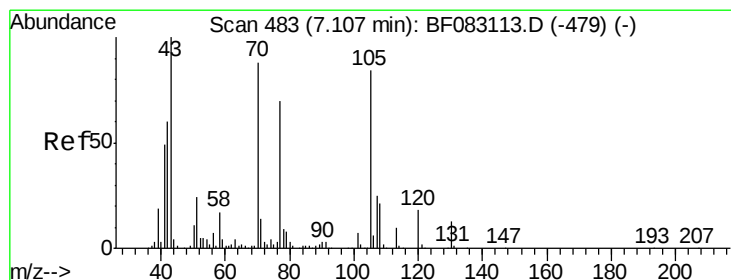
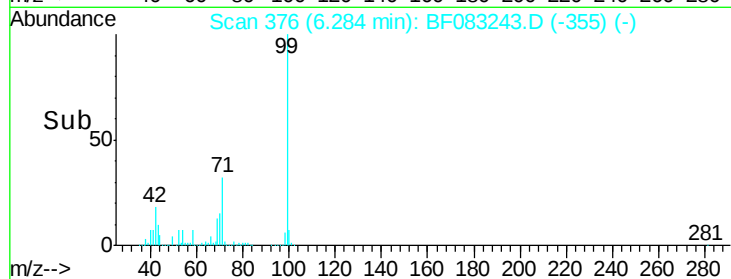
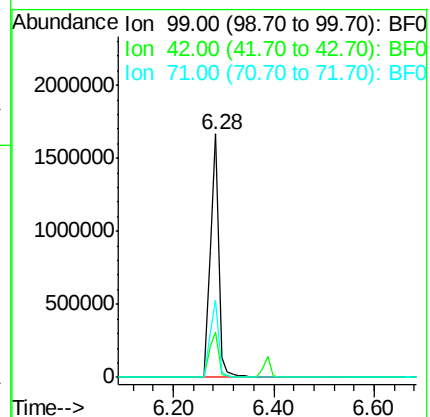
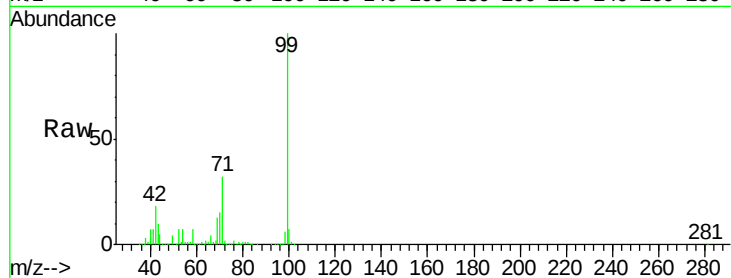
Tgt Ion: 99 Resp: 1918668

Ion Ratio Lower Upper

99 100

42 18.5 17.7 26.5

71 32.0 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.79 ng

RT: 7.19 min Scan# 455

Delta R.T. 0.08 min

Lab File: BF083243.D

Acq: 24 Nov 2015 18:16

Tgt Ion: 70 Resp: 185994

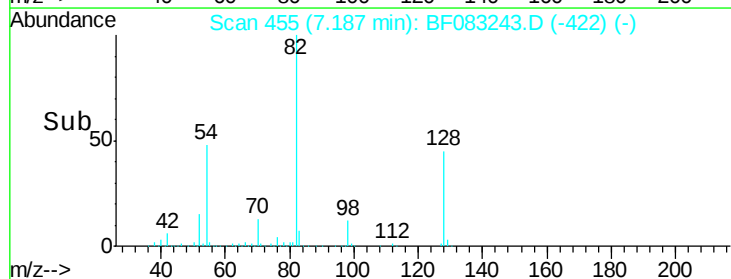
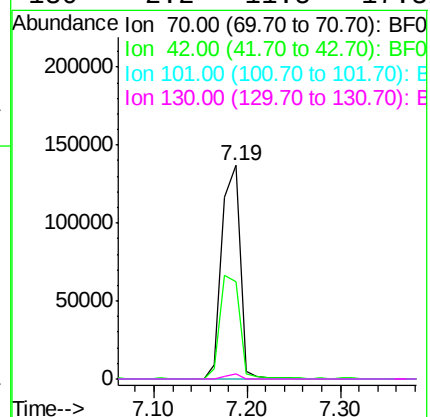
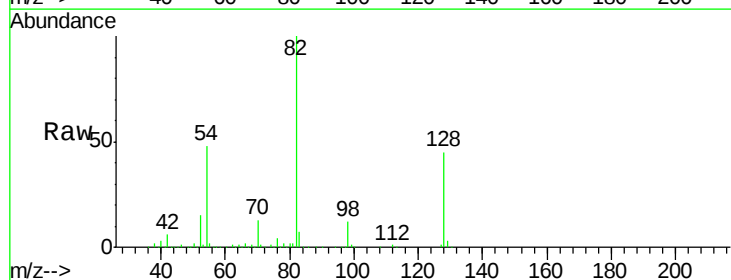
Ion Ratio Lower Upper

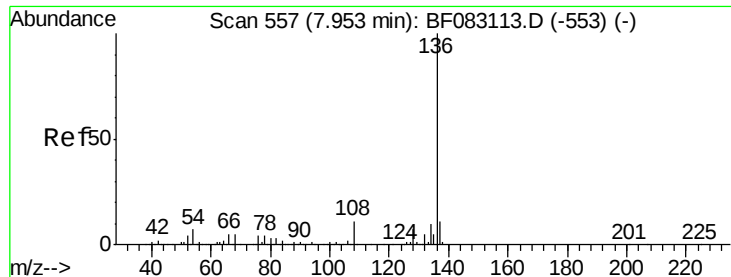
70 100

42 45.5 54.5 81.7#

101 0.0 6.6 9.8#

130 2.2 11.5 17.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 517

Delta R.T. -0.06 min

Lab File: BF083243.D

Acq: 24 Nov 2015 18:16

Instrument :

BNA_F

ClientSampleId :

A18-COMP

Tgt Ion:136 Resp: 675299

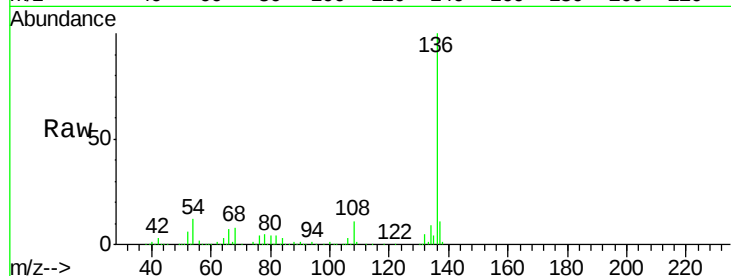
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 11.7 5.8 8.6#

68 8.3 3.8 5.8#

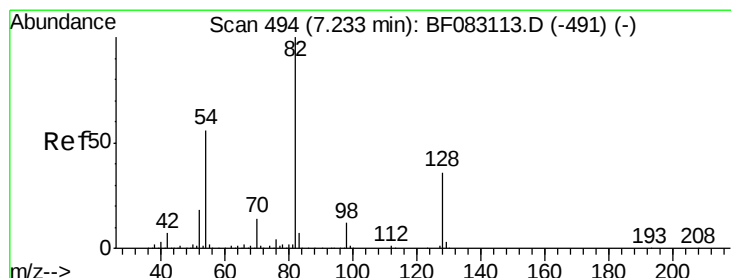
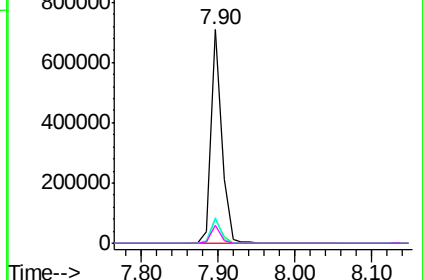
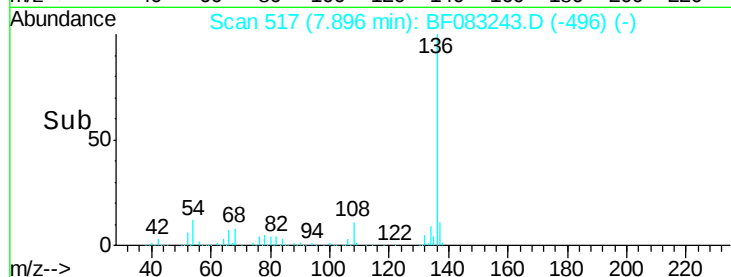


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.67 ng

RT: 7.19 min Scan# 455

Delta R.T. -0.05 min

Lab File: BF083243.D

Acq: 24 Nov 2015 18:16

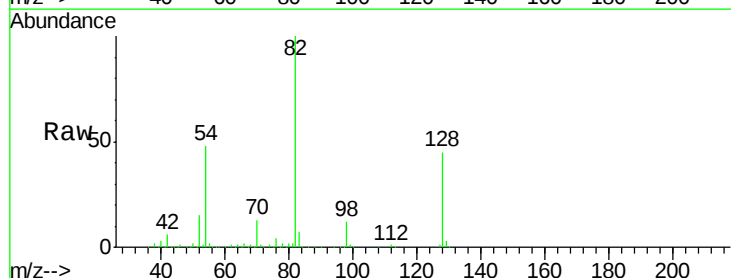
Tgt Ion: 82 Resp: 1399080

Ion Ratio Lower Upper

82 100

128 45.2 28.5 42.7#

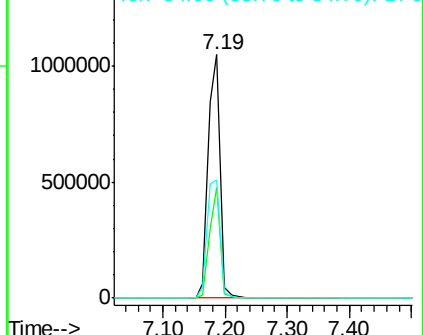
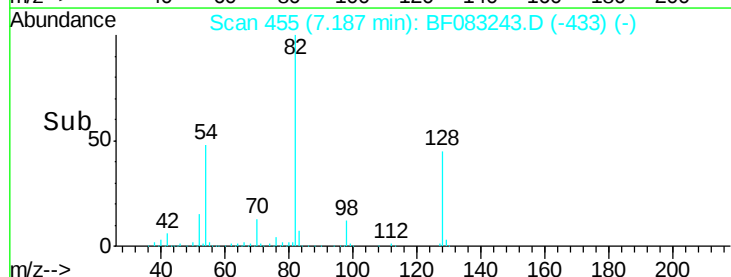
54 48.4 44.6 67.0

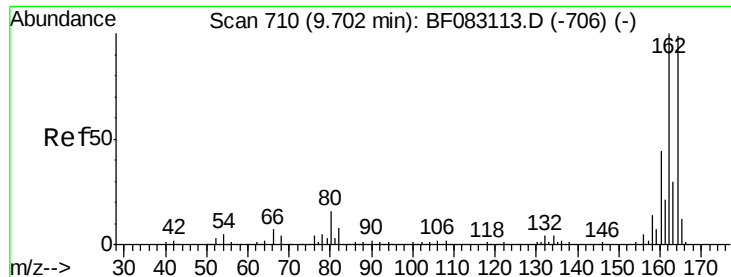


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

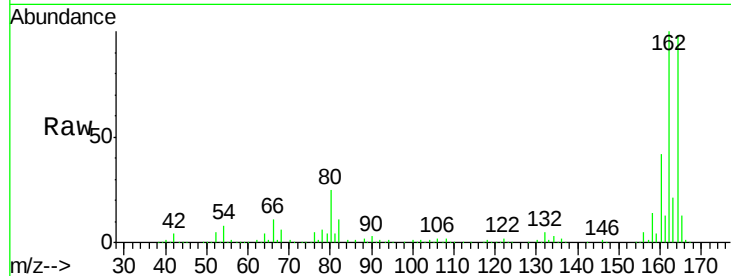




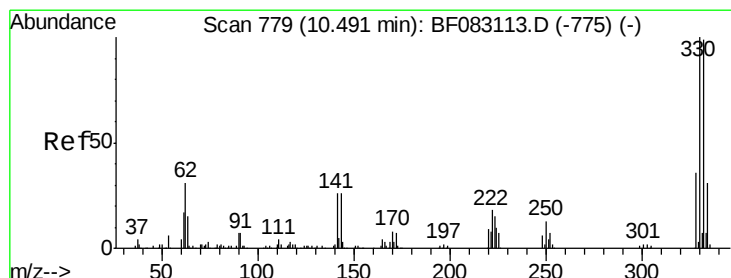
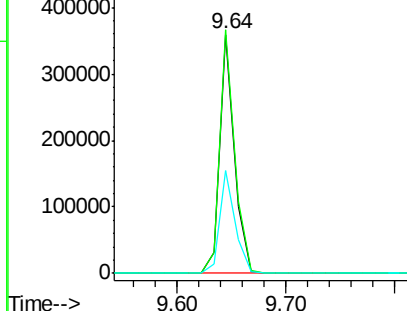
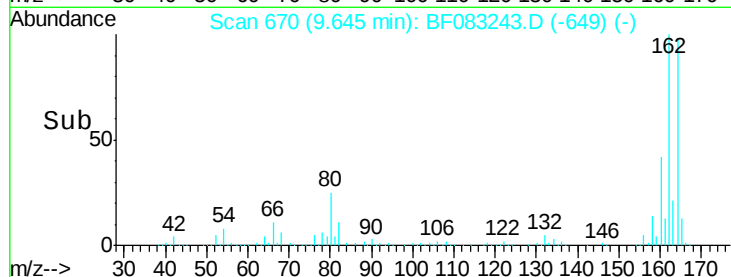
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 670
 Delta R.T. -0.06 min
 Lab File: BF083243.D
 Acq: 24 Nov 2015 18:16

Instrument :
 BNA_F
 ClientSampleId :
 A18-COMP

Tgt Ion:164 Resp: 340034
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.2 121.8
 160 43.3 35.6 53.4

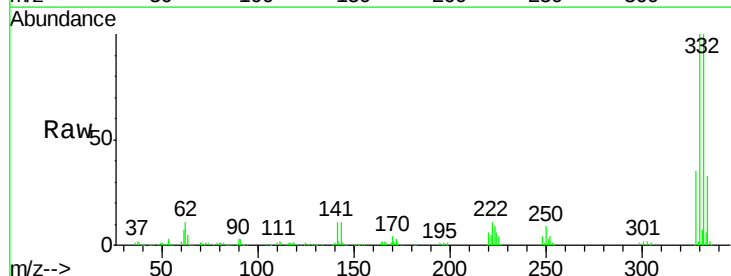


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

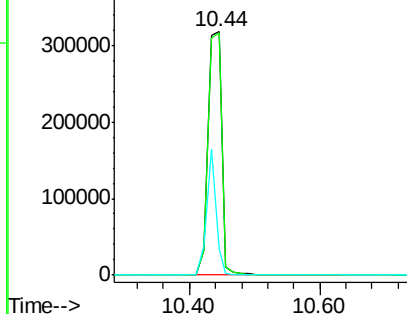
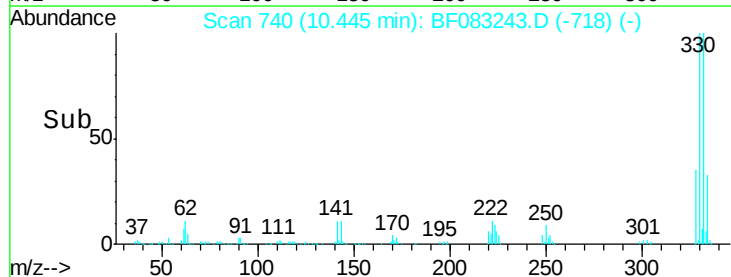


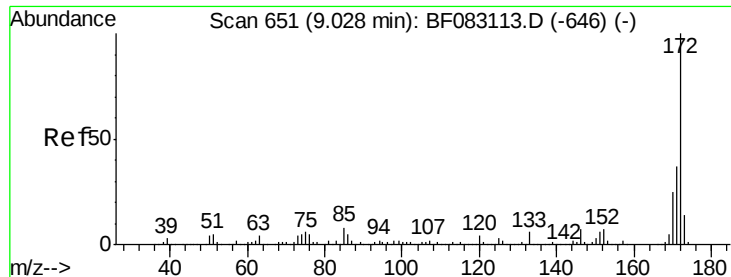
#41
 2,4,6-Tribromophenol
 Concen: 135.41 ng
 RT: 10.44 min Scan# 740
 Delta R.T. -0.05 min
 Lab File: BF083243.D
 Acq: 24 Nov 2015 18:16

Tgt Ion:330 Resp: 471043
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.7 116.5
 141 35.2 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

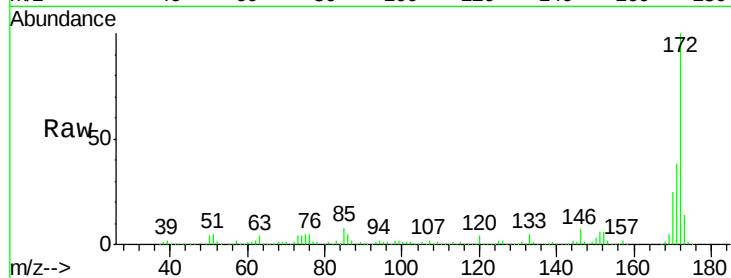




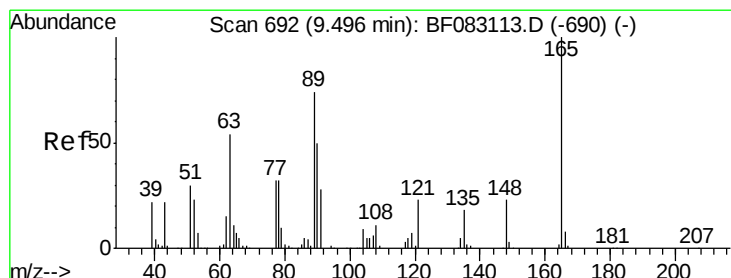
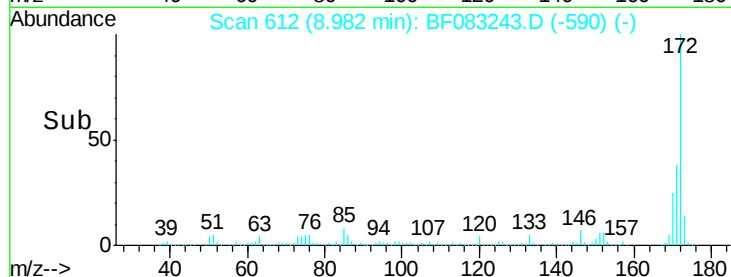
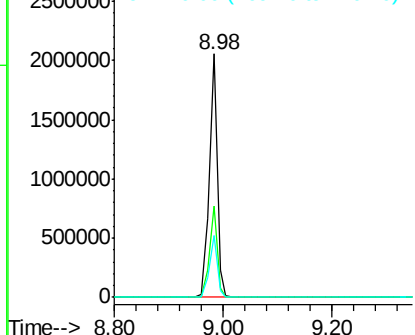
#44
 2-Fluorobiphenyl
 Concen: 84.57 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF083243.D
 Acq: 24 Nov 2015 18:16

Instrument :
 BNA_F
 ClientSampleId :
 A18-COMP

Tgt Ion:172 Resp: 2062319
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.5 44.3
 170 25.5 19.9 29.9

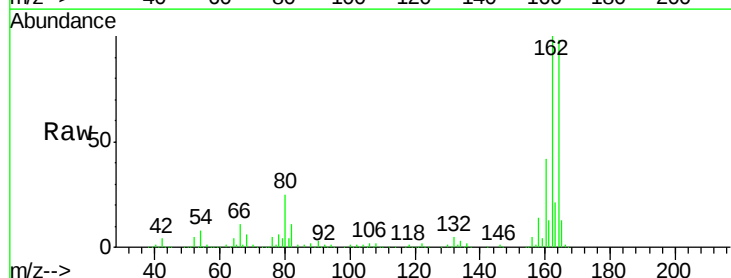


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

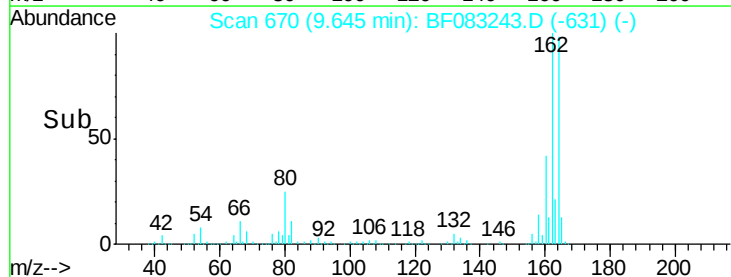
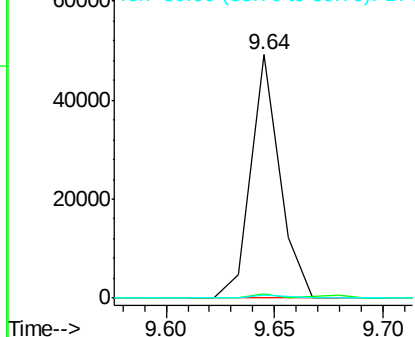


#50
 2,6-Dinitrotoluene
 Concen: 7.72 ng
 RT: 9.64 min Scan# 670
 Delta R.T. 0.15 min
 Lab File: BF083243.D
 Acq: 24 Nov 2015 18:16

Tgt Ion:165 Resp: 45372
 Ion Ratio Lower Upper
 165 100
 63 1.9 62.5 93.7#
 89 1.4 59.1 88.7#



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

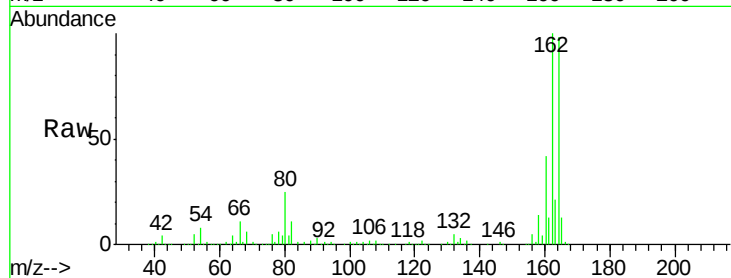




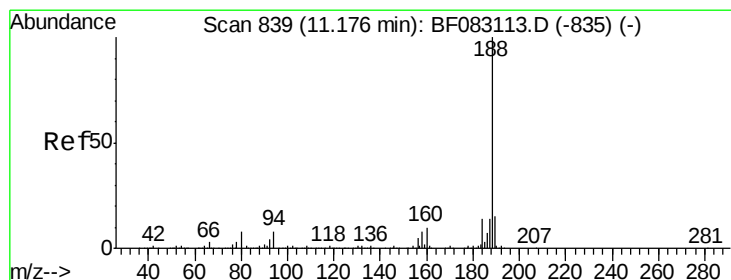
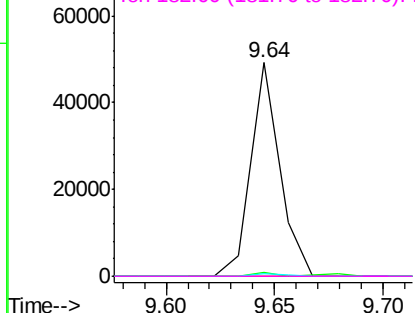
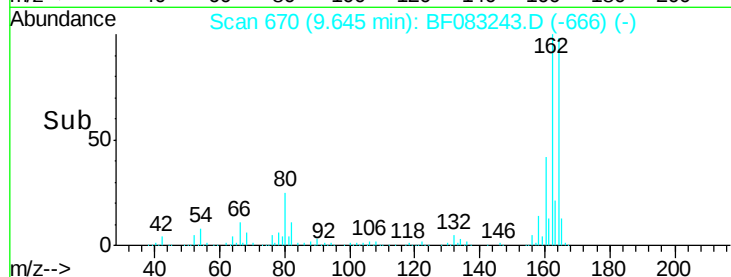
#56
2,4-Dinitrotoluene
Concen: 6.10 ng
RT: 9.64 min Scan# 670
Delta R.T. -0.25 min
Lab File: BF083243.D
Acq: 24 Nov 2015 18:16

Instrument :
BNA_F
ClientSampleId :
A18-COMP

Tgt Ion:165 Resp: 45372
Ion Ratio Lower Upper
165 100
63 1.9 54.5 81.7#
89 1.4 77.3 115.9#
182 0.0 1.8 2.6#

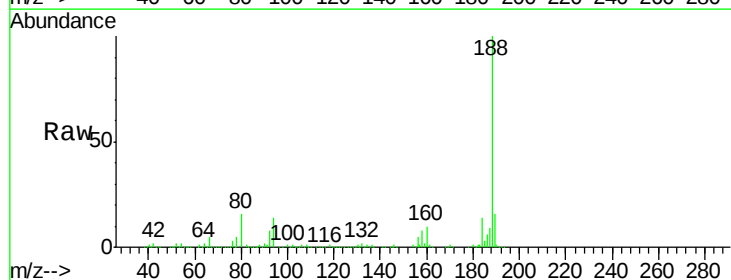


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

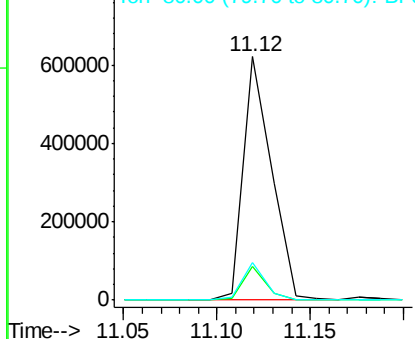
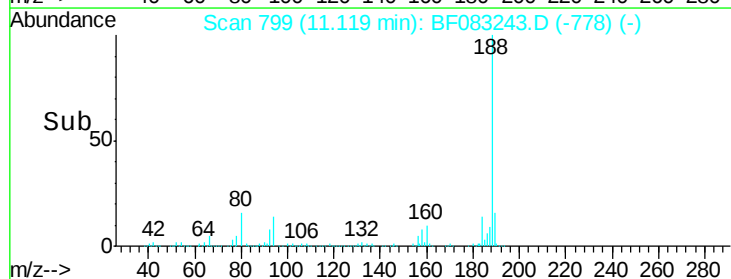


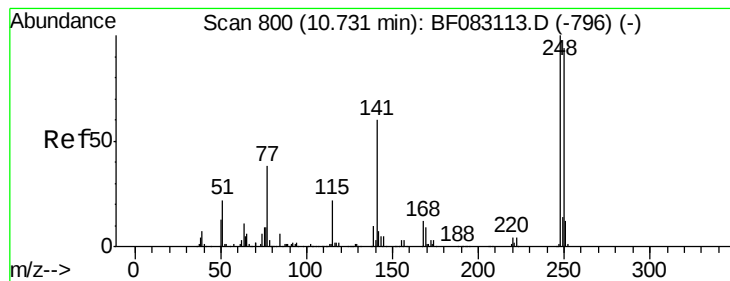
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 799
Delta R.T. -0.06 min
Lab File: BF083243.D
Acq: 24 Nov 2015 18:16

Tgt Ion:188 Resp: 651304
Ion Ratio Lower Upper
188 100
94 13.7 6.0 9.0#
80 15.7 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: 4.30 ng

RT: 10.43 min Scan# 739

Delta R.T. -0.30 min

Lab File: BF083243.D

Acq: 24 Nov 2015 18:16

Instrument :

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ClientSampleId :

A18-COMP

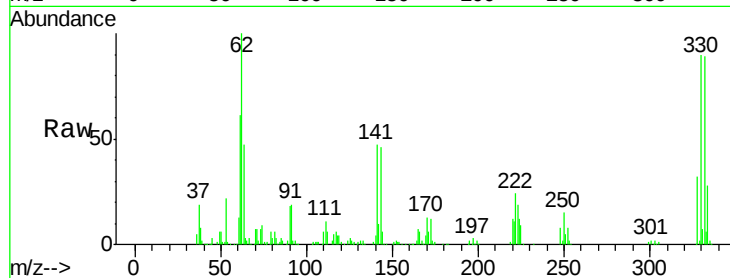
Tgt Ion:248 Resp: 31079

Ion Ratio Lower Upper

248 100

250 184.4 75.4 113.2#

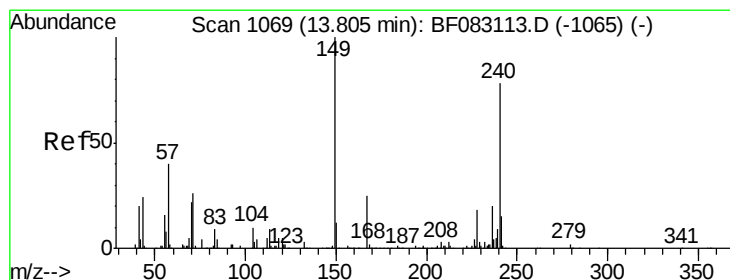
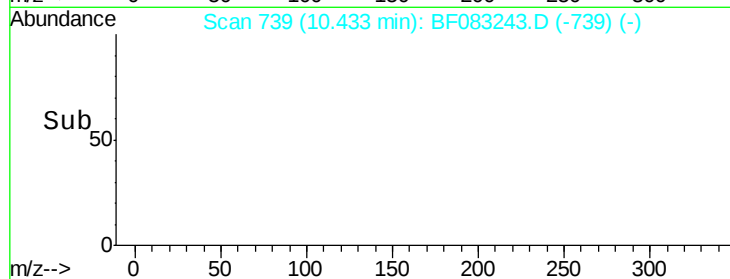
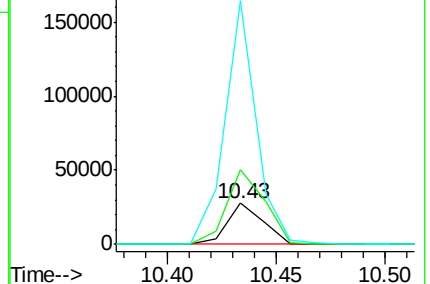
141 597.1 48.1 72.1#



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: 13.75 min Scan# 1029

Delta R.T. -0.06 min

Lab File: BF083243.D

Acq: 24 Nov 2015 18:16

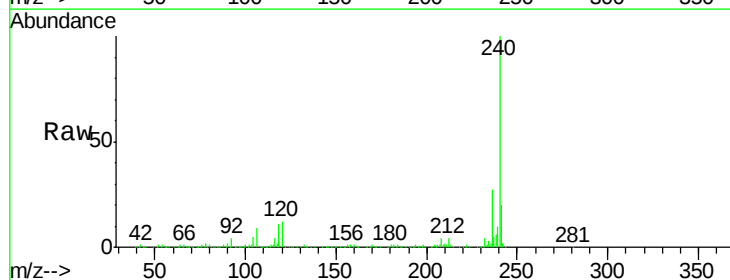
Tgt Ion:240 Resp: 577776

Ion Ratio Lower Upper

240 100

120 11.9 5.4 8.2#

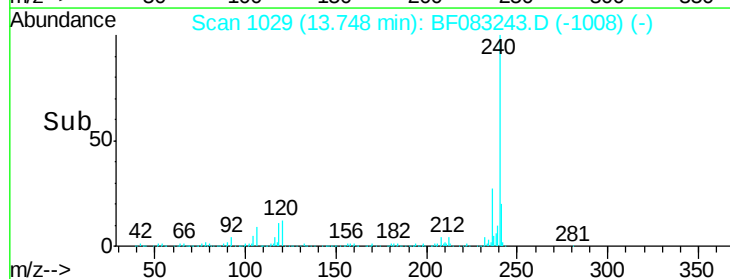
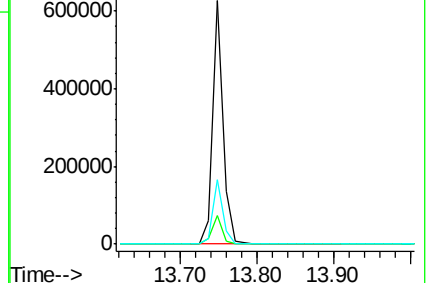
236 26.6 20.6 31.0

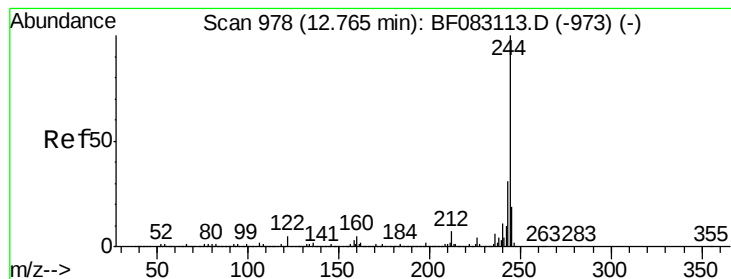


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.76 ng

RT: 12.72 min Scan# 939

Delta R.T. -0.05 min

Lab File: BF083243.D

Acq: 24 Nov 2015 18:16

Instrument :

BNA_F

ClientSampleId :

A18-COMP

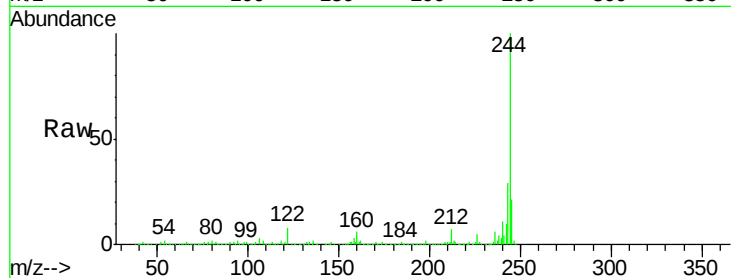
Tgt Ion:244 Resp: 2251467

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

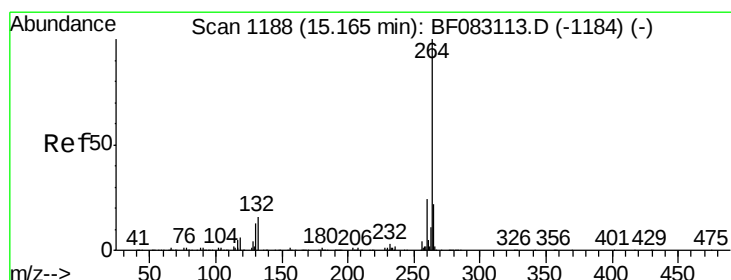
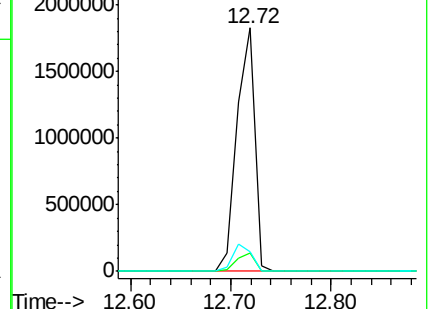
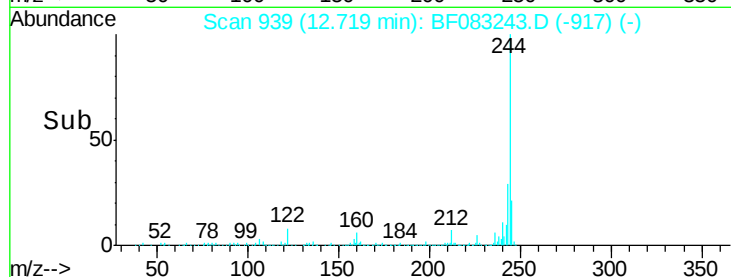
122 8.2 4.3 6.5#



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: 15.11 min Scan# 1148

Delta R.T. -0.06 min

Lab File: BF083243.D

Acq: 24 Nov 2015 18:16

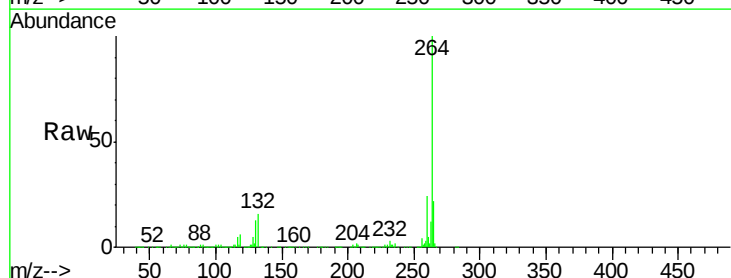
Tgt Ion:264 Resp: 437375

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 21.6 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

