

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083189.D
 Acq On : 23 Nov 2015 5:59
 Operator : UM/IZ
 Sample : G4437-02
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-32

Quant Time: Nov 23 06:30:28 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

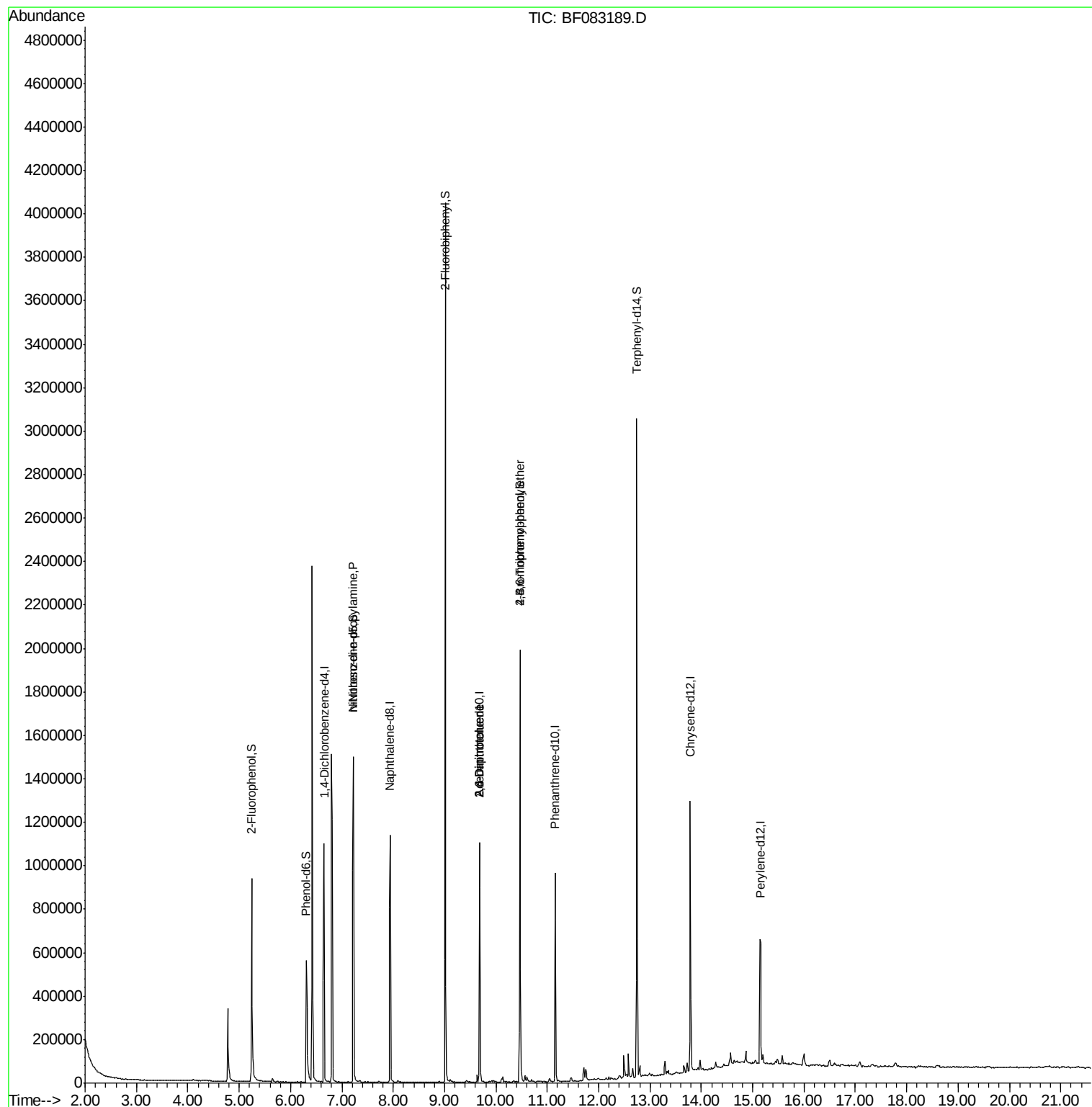
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	187280	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	674579	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	303416	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	478443	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	432527	20.00	ng	-0.02
86) Perylene-d12	15.15	264	327199	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	313283	25.29	ng	-0.03
7) Phenol-d6	6.31	99	290490	18.12	ng	-0.03
23) Nitrobenzene-d5	7.22	82	656537	44.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	219157	70.60	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	1175113	54.01	ng	-0.01
78) Terphenyl-d14	12.74	244	932736	50.78	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	84203	7.55	ng	# 69
50) 2,6-Dinitrotoluene	9.68	165	39340	7.51	ng	# 13
56) 2,4-Dinitrotoluene	9.68	165	39343	5.92	ng	# 10
66) 4-Bromophenyl-phenylether	10.47	248	15700	2.96	ng	# 1

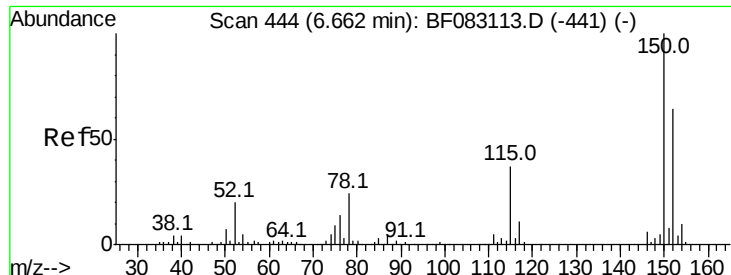
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 23 06:30:28 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: BF083189.D

Acq: 23 Nov 2015 5:59

Instrument :

BNA_F

ClientSampleId :

MW-32

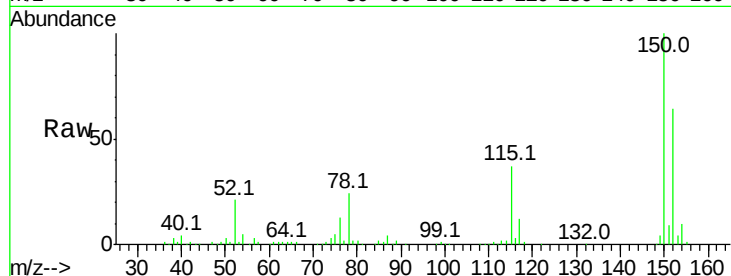
Tot Ion:152 Resp: 187280

Ion Ratio Lower Upper

152 100

150 155.8 125.8 188.8

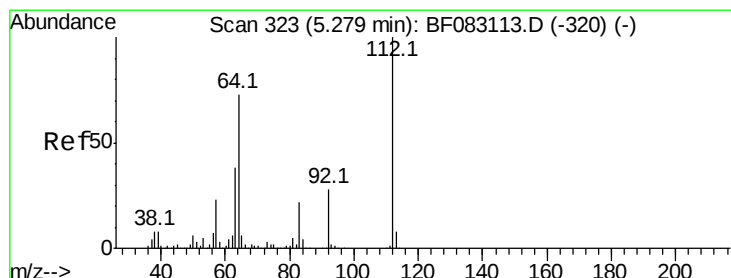
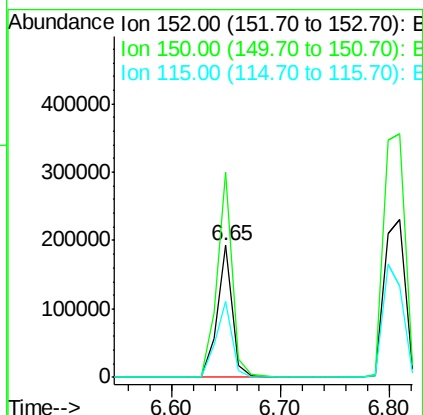
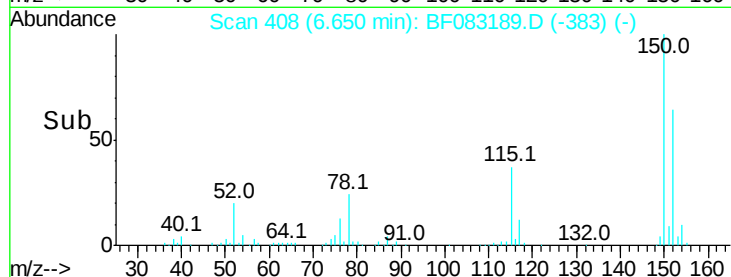
115 57.4 46.9 70.3



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: 25.29 ng

RT: 5.24 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF083189.D

Acq: 23 Nov 2015 5:59

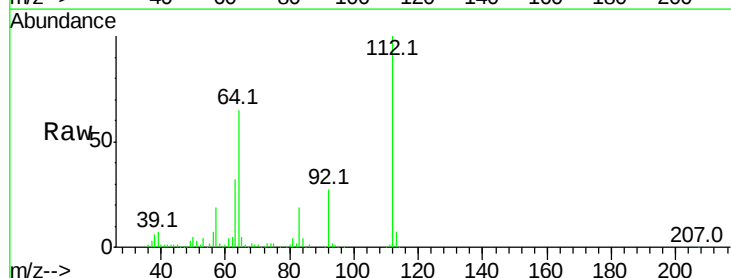
Tgt Ion:112 Resp: 313283

Ion Ratio Lower Upper

112 100

64 64.5 58.4 87.6

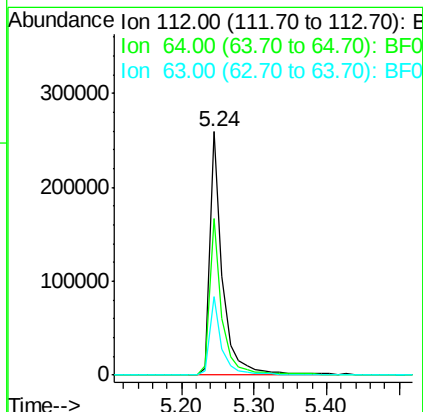
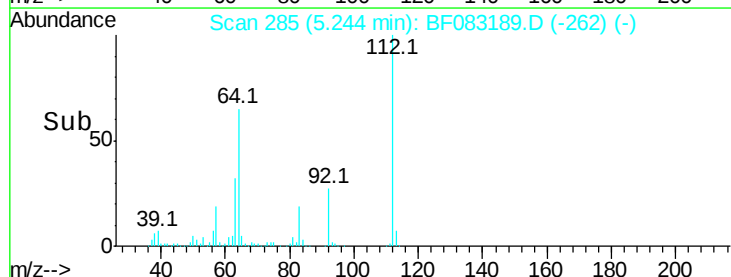
63 32.2 30.0 45.0

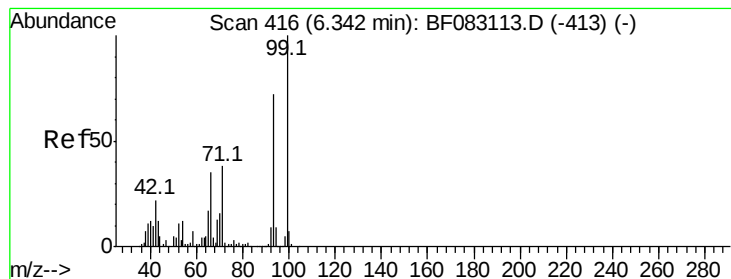


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 18.12 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083189.D

Acq: 23 Nov 2015 5:59

Instrument :

BNA_F

ClientSampleId :

MW-32

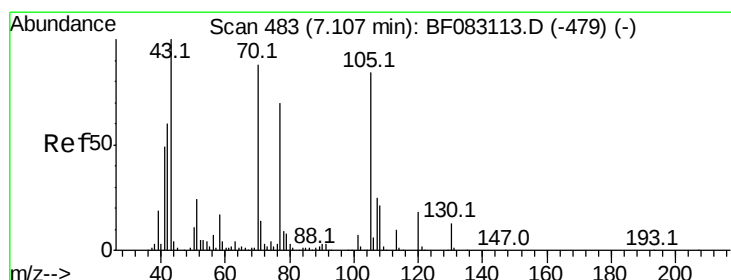
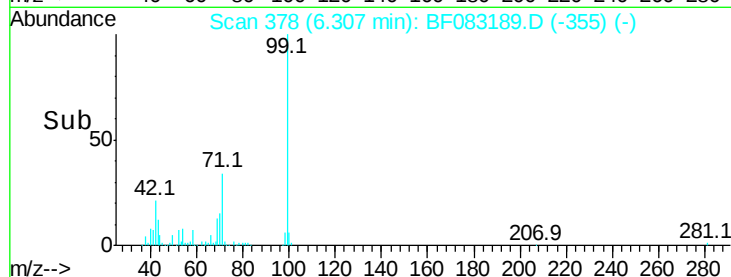
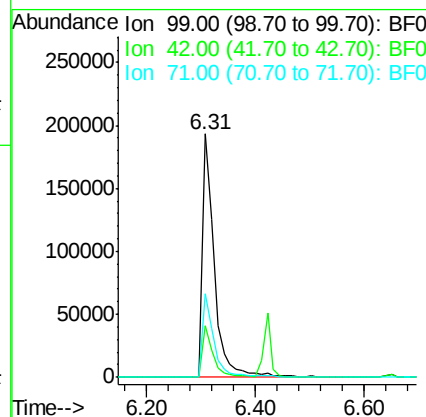
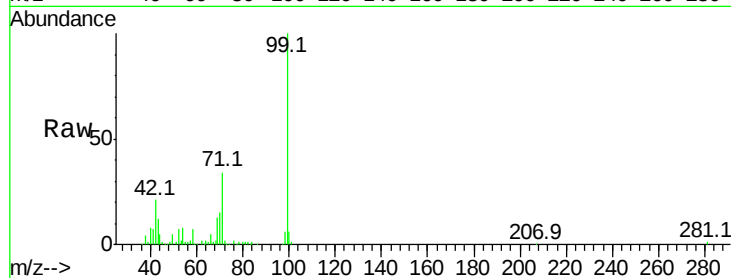
Tot Ion: 99 Resp: 290490

Ion Ratio Lower Upper

99 100

42 21.0 17.7 26.5

71 34.4 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 7.55 ng

RT: 7.22 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF083189.D

Acq: 23 Nov 2015 5:59

Tgt Ion: 70 Resp: 84203

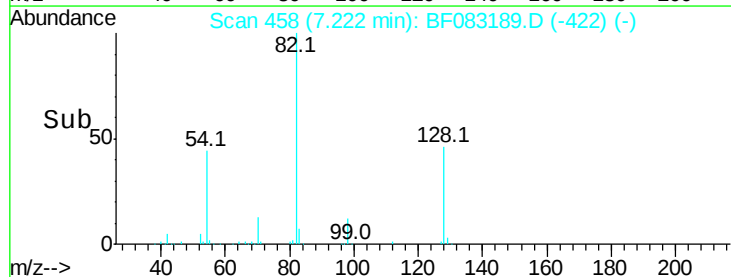
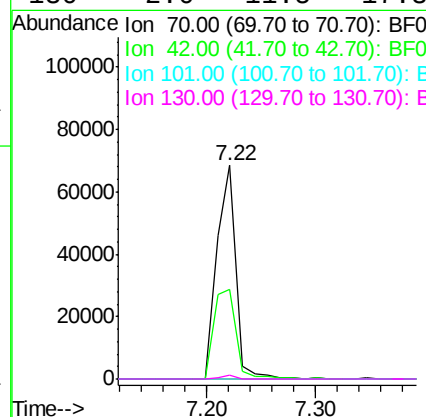
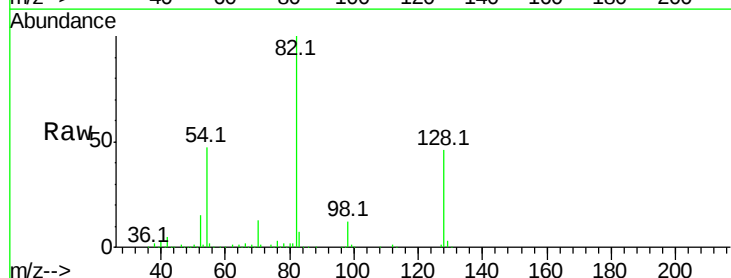
Ion Ratio Lower Upper

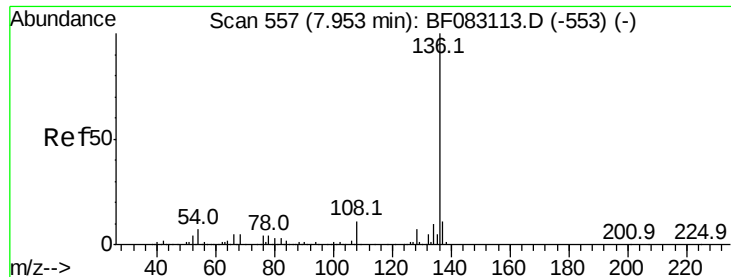
70 100

42 41.8 54.5 81.7#

101 0.0 6.6 9.8#

130 2.0 11.5 17.3#

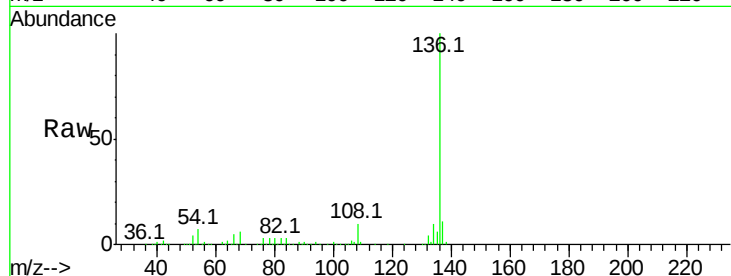




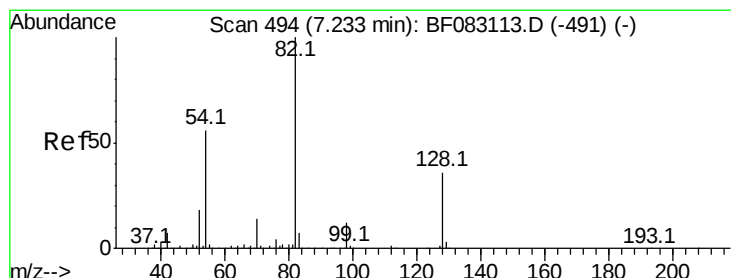
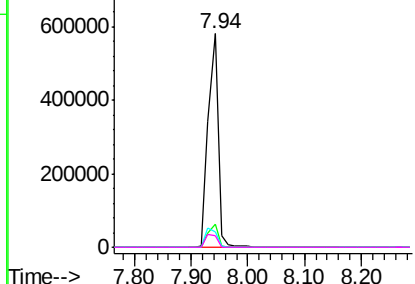
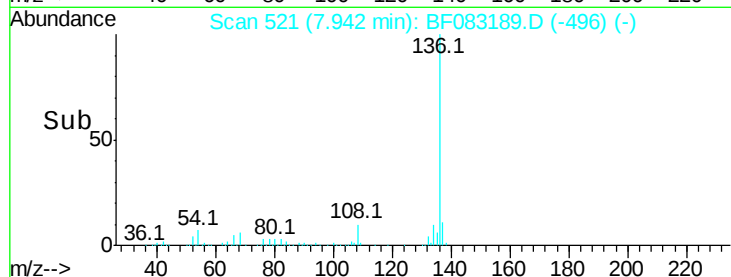
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083189.D
Acq: 23 Nov 2015 5:59

Instrument :
BNA_F
ClientSampleId :
MW-32

Tot Ion:136	Resp: 674579
Ion Ratio	Lower Upper
136 100	
137 10.8	8.7 13.1
54 7.2	5.8 8.6
68 5.7	3.8 5.8

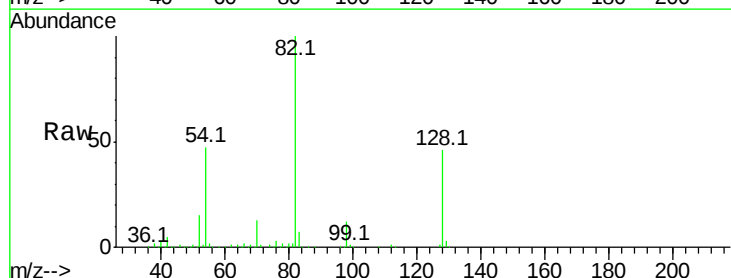


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

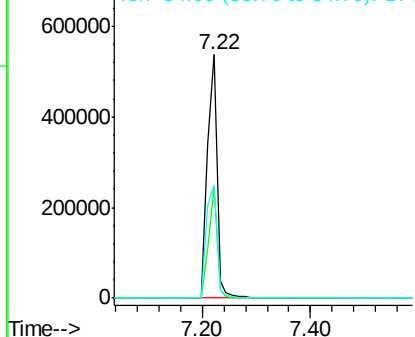
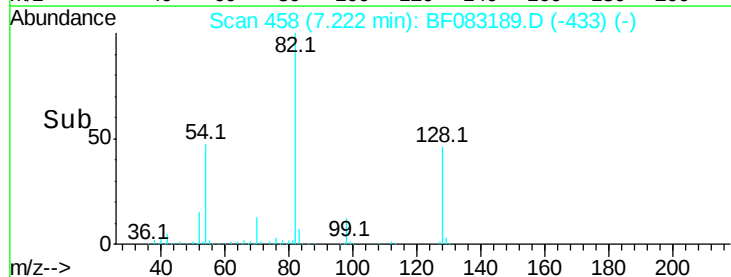


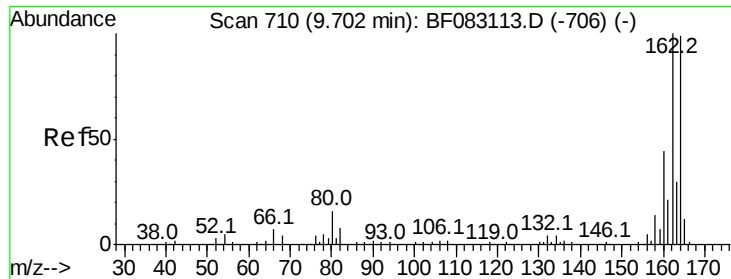
#23
Nitrobenzene-d5
Concen: 44.47 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083189.D
Acq: 23 Nov 2015 5:59

Tgt Ion: 82	Resp: 656537
Ion Ratio	Lower Upper
82 100	
128 45.6	28.5 42.7#
54 46.7	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

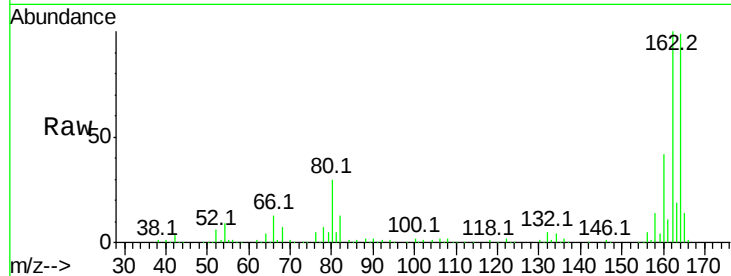




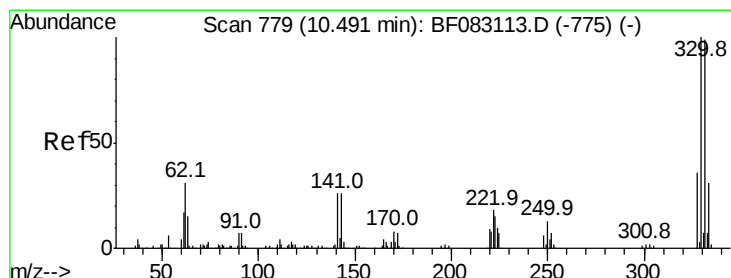
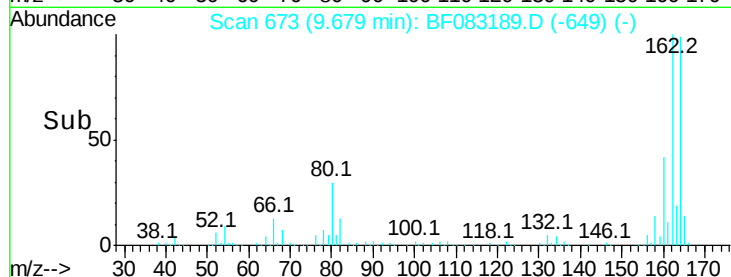
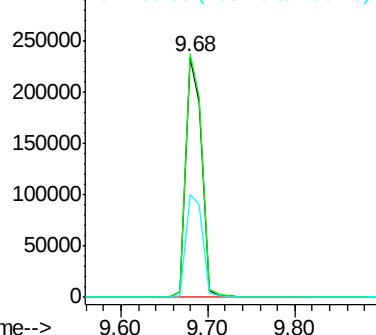
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083189.D
Acq: 23 Nov 2015 5:59

Instrument :
BNA_F
ClientSampleId :
MW-32

Tot Ion:164 Resp: 303416
Ion Ratio Lower Upper
164 100
162 101.4 81.2 121.8
160 43.0 35.6 53.4

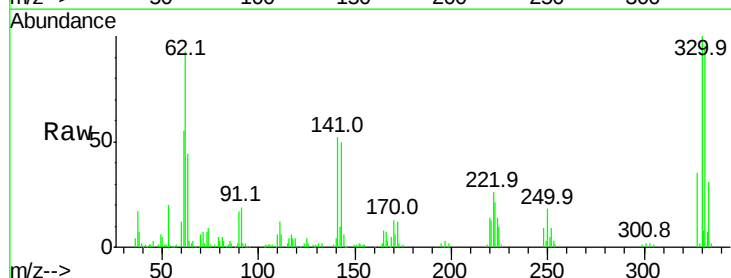


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

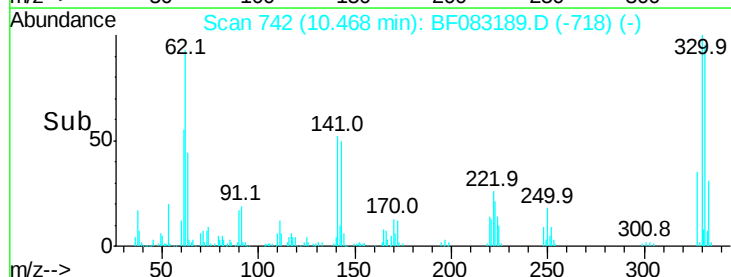
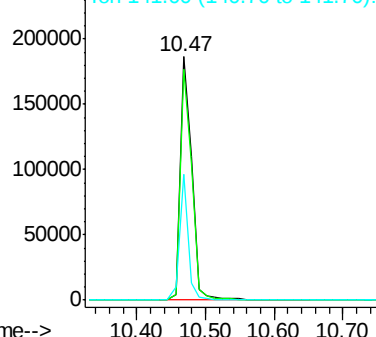


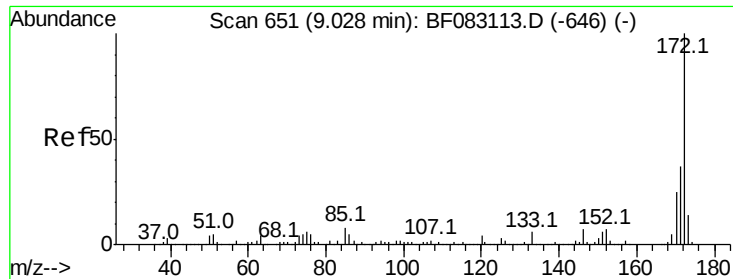
#41
2,4,6-Tribromophenol
Concen: 70.60 ng
RT: 10.47 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF083189.D
Acq: 23 Nov 2015 5:59

Tgt Ion:330 Resp: 219157
Ion Ratio Lower Upper
330 100
332 94.8 77.7 116.5
141 38.9 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



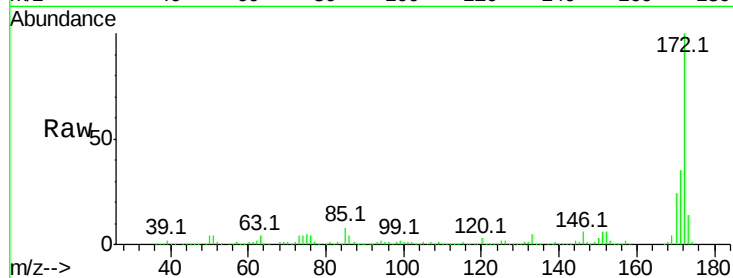


#44
 2-Fluorobiphenyl
 Concen: 54.01 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083189.D
 Acq: 23 Nov 2015 5:59

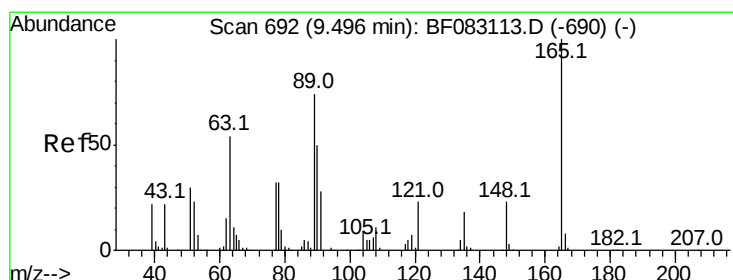
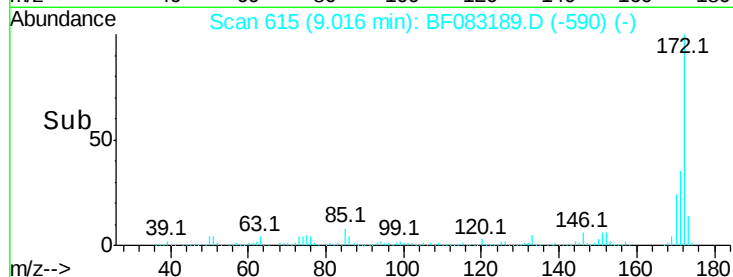
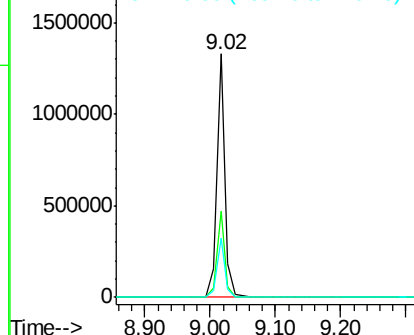
Instrument :
 BNA_F
 ClientSampleId :
 MW-32

Tot Ion:172 Resp: 1175113

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.5	44.3
170	24.5	19.9	29.9



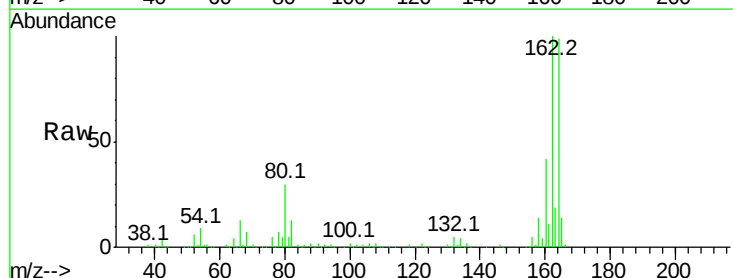
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



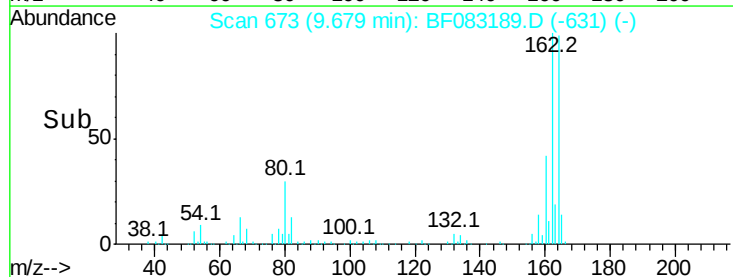
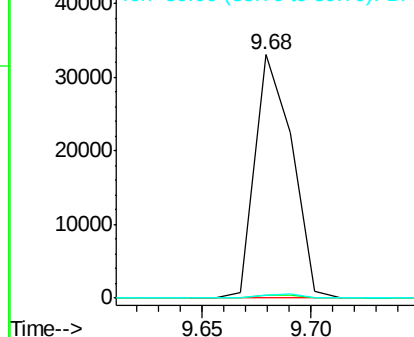
#50
 2,6-Dinitrotoluene
 Concen: 7.51 ng
 RT: 9.68 min Scan# 673
 Delta R.T. 0.18 min
 Lab File: BF083189.D
 Acq: 23 Nov 2015 5:59

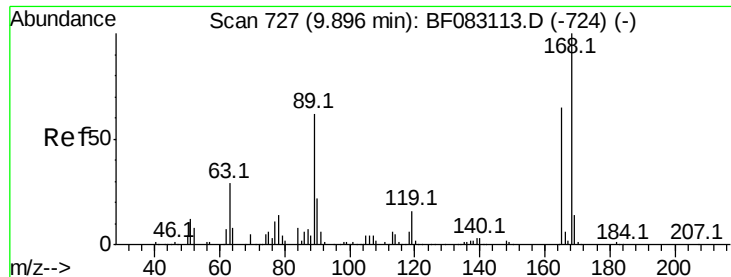
Tgt Ion:165 Resp: 39340

Ion	Ratio	Lower	Upper
165	100		
63	1.1	62.5	93.7#
89	1.0	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

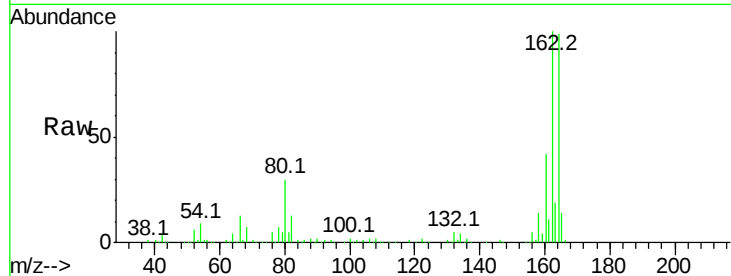




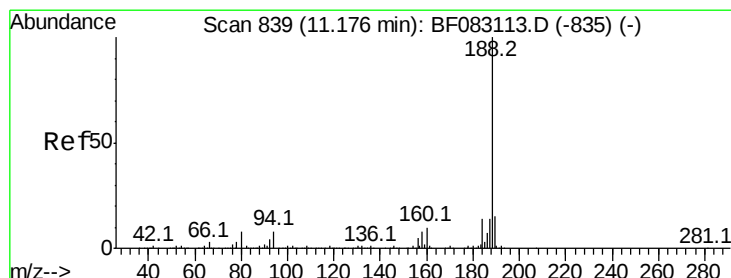
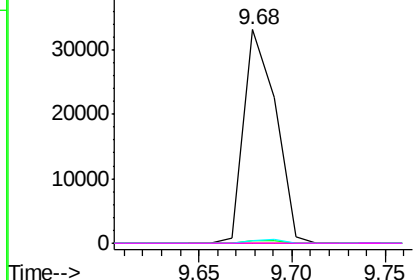
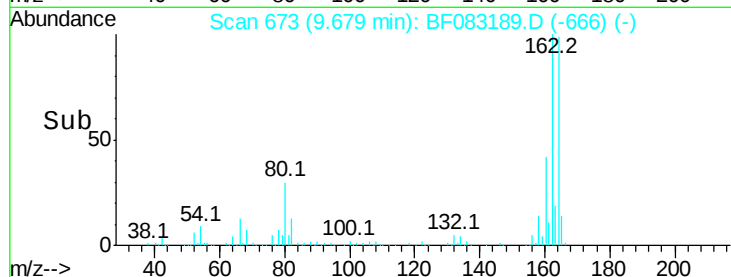
#56
2,4-Dinitrotoluene
Concen: 5.92 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.22 min
Lab File: BF083189.D
Acq: 23 Nov 2015 5:59

Instrument :
BNA_F
ClientSampleId :
MW-32

Tot Ion:165 Resp: 39343
Ion Ratio Lower Upper
165 100
63 1.1 54.5 81.7#
89 1.0 77.3 115.9#
182 0.0 1.8 2.6#

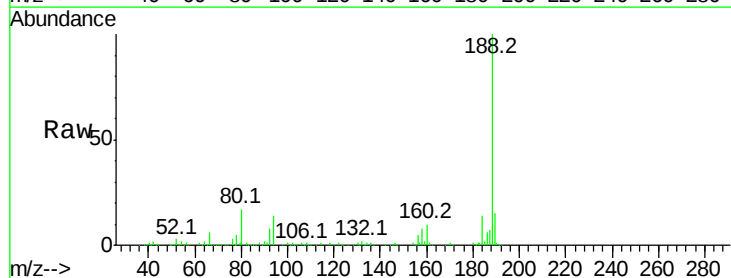


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.30): BF0
Ion 89.00 (88.70 to 89.30): BF0
Ion 182.00 (181.70 to 182.30): E

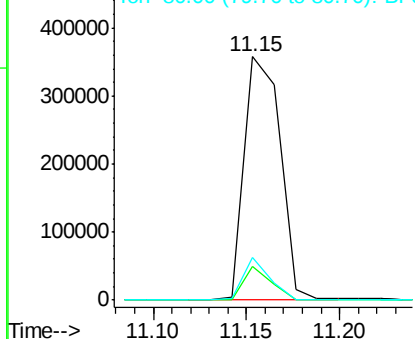
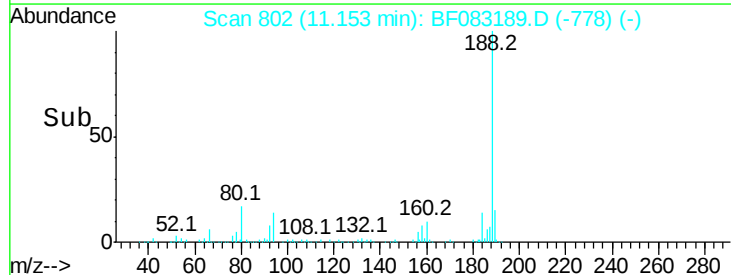


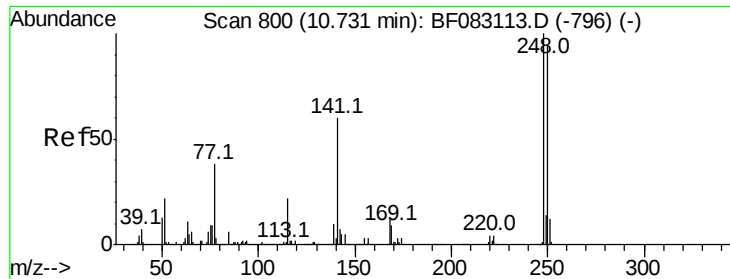
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083189.D
Acq: 23 Nov 2015 5:59

Tgt Ion:188 Resp: 478443
Ion Ratio Lower Upper
188 100
94 13.9 6.0 9.0#
80 17.3 6.7 10.1#



Abundance Ion 188.00 (187.70 to 188.30): E
Ion 94.00 (93.70 to 94.30): BF0
Ion 80.00 (79.70 to 80.30): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.96 ng

RT: 10.47 min Scan# 742

Delta R.T. -0.26 min

Lab File: BF083189.D

Acq: 23 Nov 2015 5:59

Instrument :

BNA_F

ClientSampleId :

MW-32

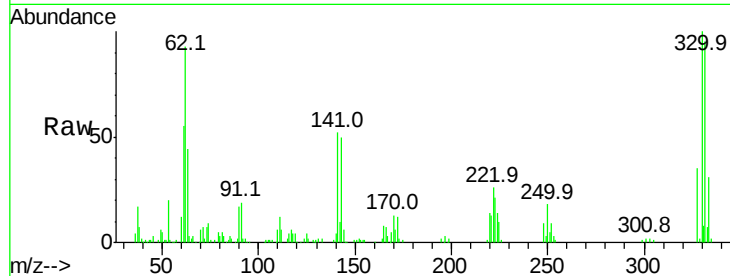
Tot Ion:248 Resp: 15700

Ion Ratio Lower Upper

248 100

250 195.2 75.4 113.2#

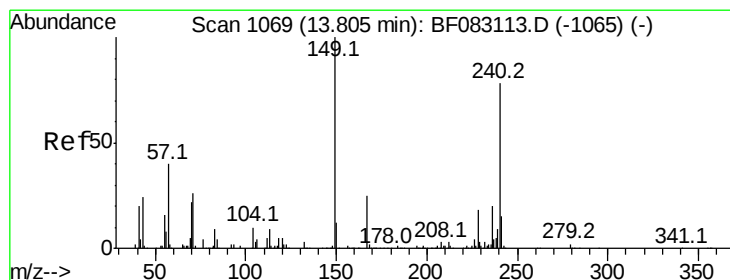
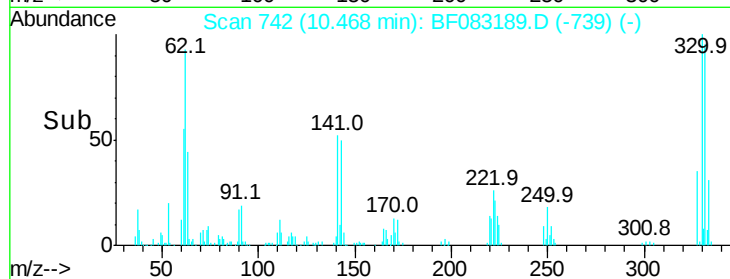
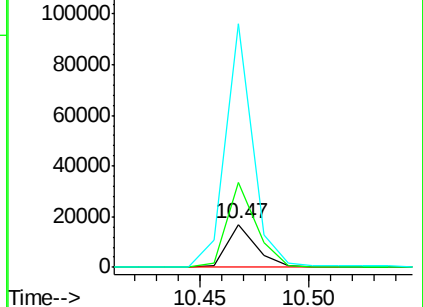
141 563.6 48.1 72.1#



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: BF083189.D

Acq: 23 Nov 2015 5:59

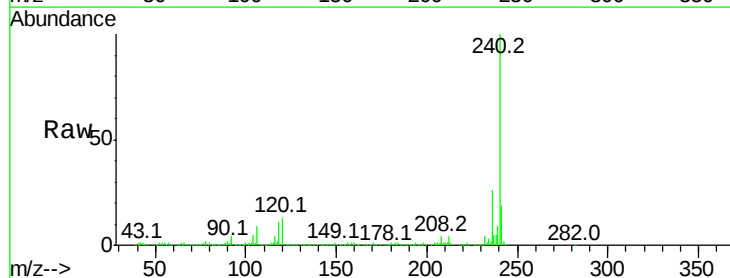
Tgt Ion:240 Resp: 432527

Ion Ratio Lower Upper

240 100

120 12.6 5.4 8.2#

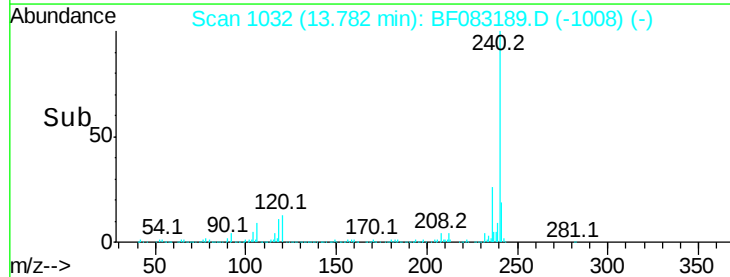
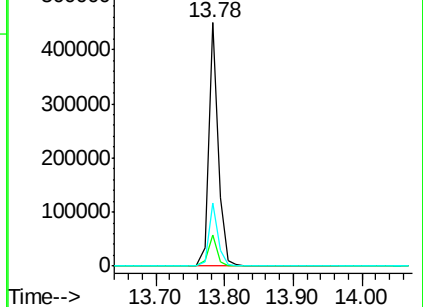
236 26.1 20.6 31.0

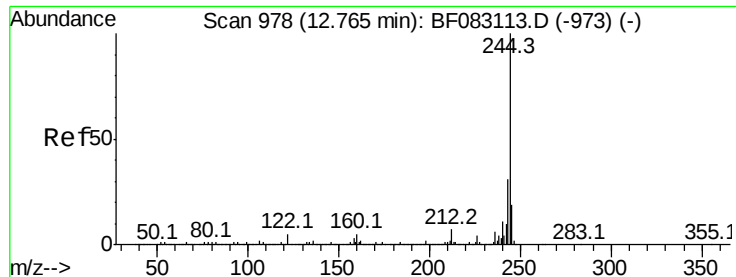


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 50.78 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083189.D

Acq: 23 Nov 2015 5:59

Instrument :

BNA_F

ClientSampleId :

MW-32

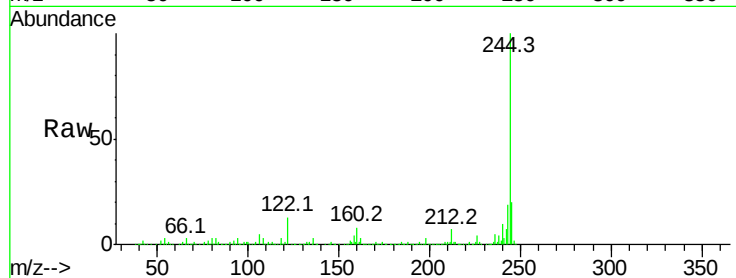
Tot Ion:244 Resp: 932736

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

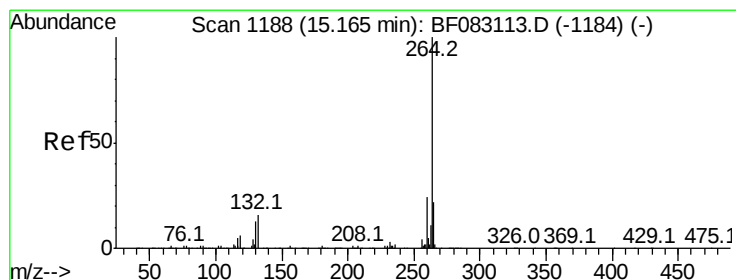
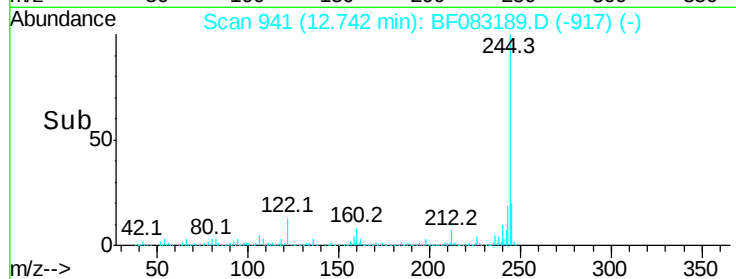
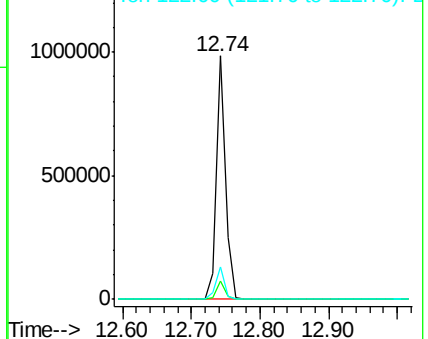
122 13.4 4.3 6.5#



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: BF083189.D

Acq: 23 Nov 2015 5:59

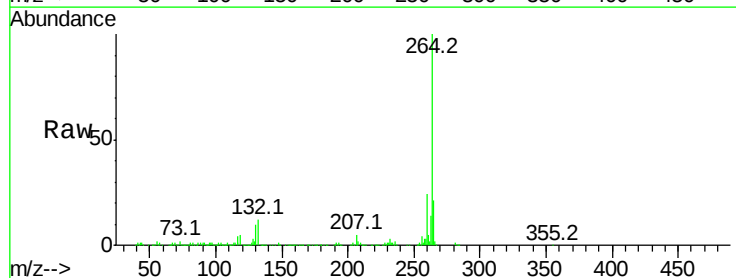
Tgt Ion:264 Resp: 327199

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 20.9 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

