

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083184.D
 Acq On : 23 Nov 2015 3:32
 Operator : UM/IZ
 Sample : G4475-02
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H2

Quant Time: Nov 23 06:29:16 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

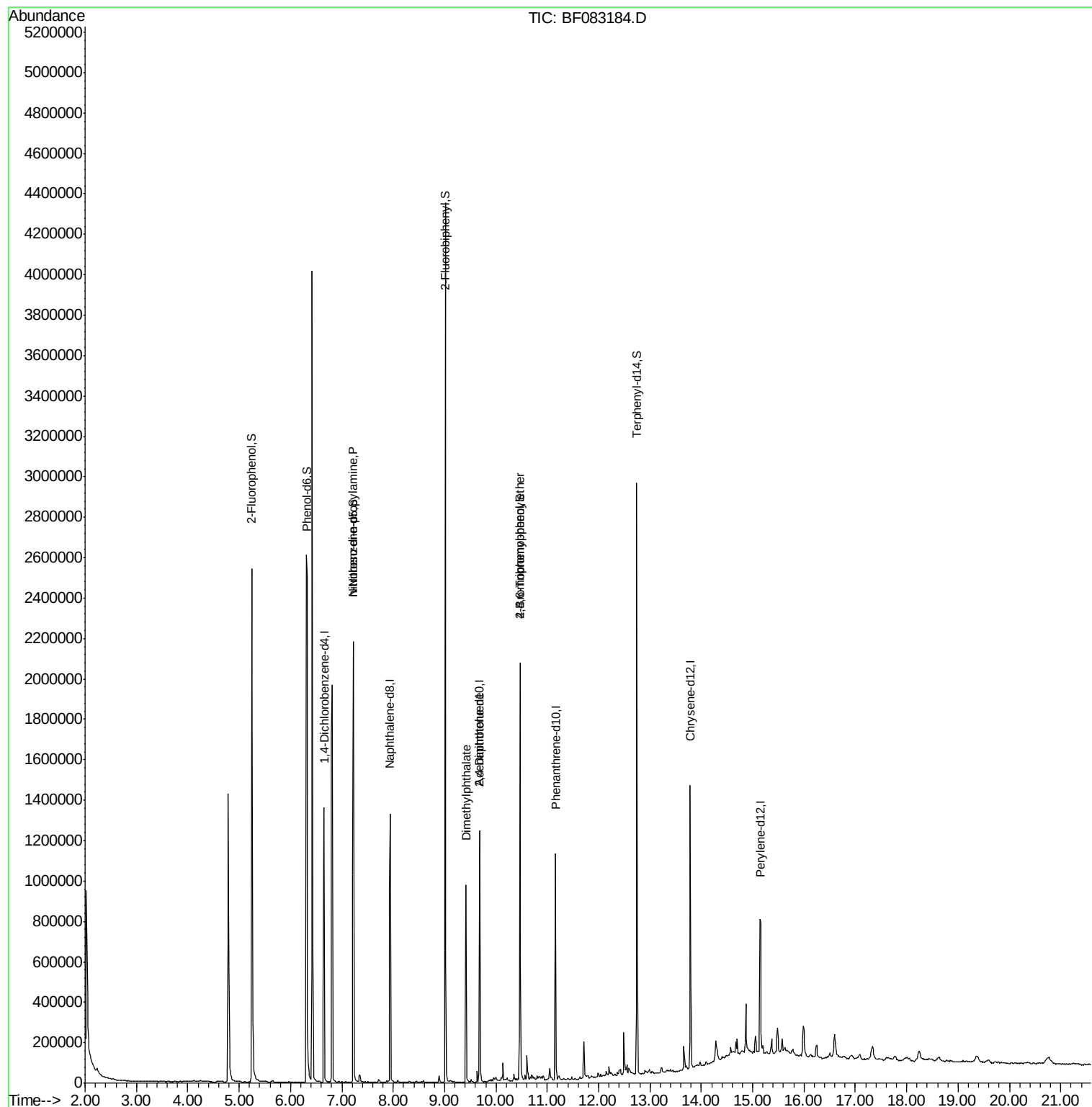
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	212459	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	784818	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	356535	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	577879	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	484282	20.00	ng	-0.02
86) Perylene-d12	15.15	264	377702	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	998808	71.08	ng	-0.03
7) Phenol-d6	6.32	99	1397612	76.87	ng	-0.02
23) Nitrobenzene-d5	7.22	82	841369	48.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	229053	62.80	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	1272155	49.76	ng	-0.01
78) Terphenyl-d14	12.74	244	875378	42.57	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.32	77	2156	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.22	70	108072	8.54	ng	# 74
49) Dimethylphthalate	9.42	163	360223	13.12	ng	99
56) 2,4-Dinitrotoluene	9.68	165	43875	5.62	ng	# 10
66) 4-Bromophenyl-phenylether	10.47	248	15339	2.39	ng	# 1

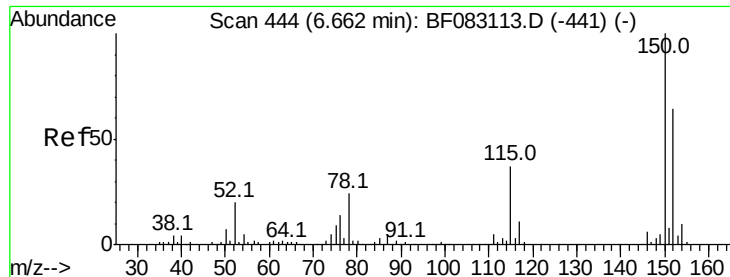
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
H2

Quant Time: Nov 23 06:29:16 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: BF083184.D

Acq: 23 Nov 2015 3:32

Instrument :

BNA_F

ClientSampleId :

H2

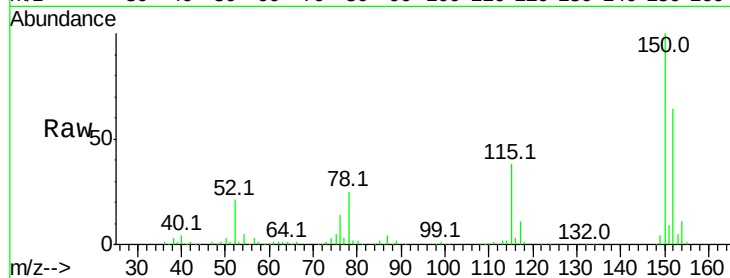
Tot Ion:152 Resp: 212459

Ion Ratio Lower Upper

152 100

150 156.5 125.8 188.8

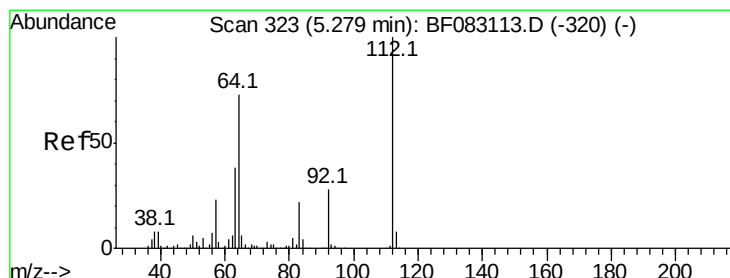
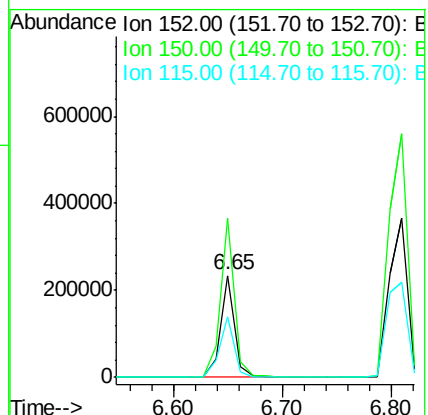
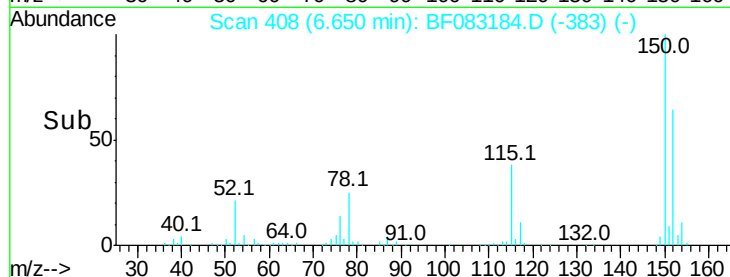
115 59.1 46.9 70.3



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: 71.08 ng

RT: 5.24 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF083184.D

Acq: 23 Nov 2015 3:32

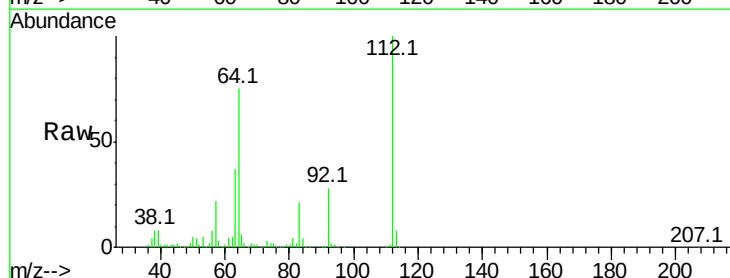
Tgt Ion:112 Resp: 998808

Ion Ratio Lower Upper

112 100

64 75.2 58.4 87.6

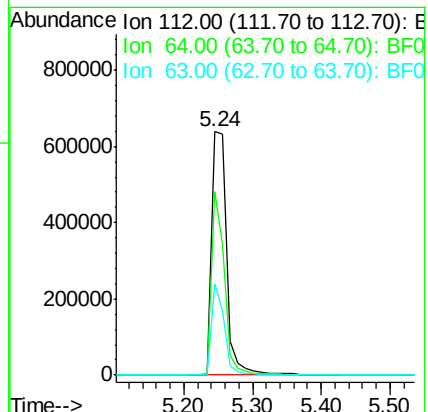
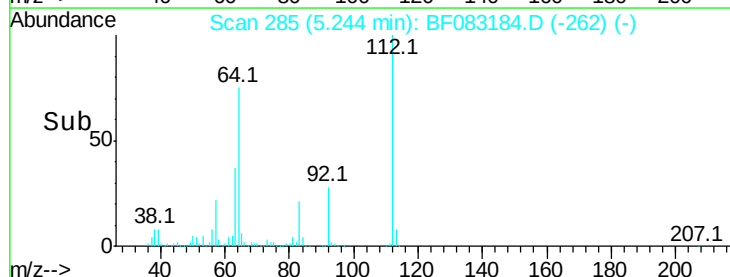
63 37.4 30.0 45.0

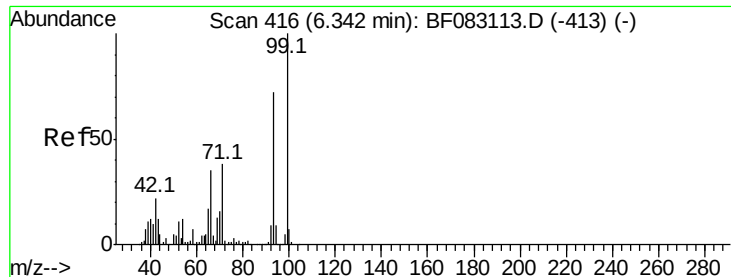


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 76.87 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083184.D

Acq: 23 Nov 2015 3:32

Instrument :

BNA_F

ClientSampleId :

H2

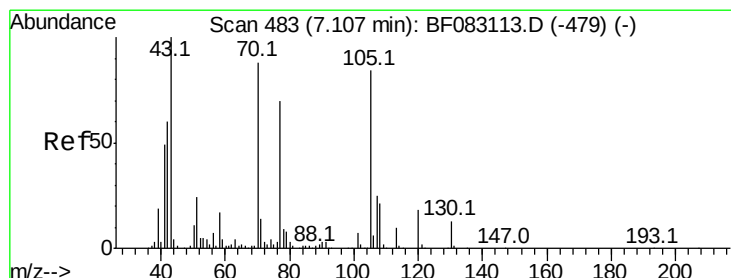
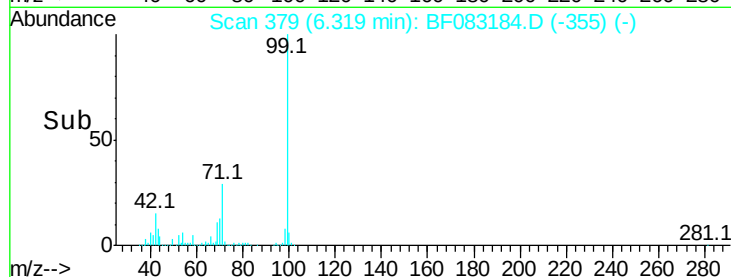
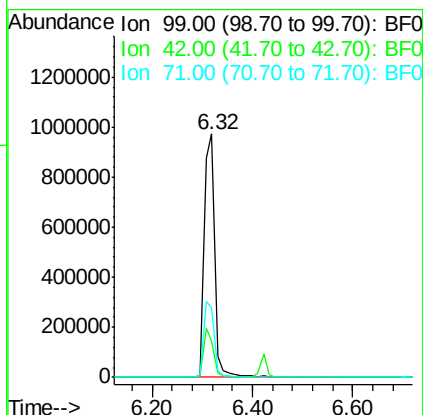
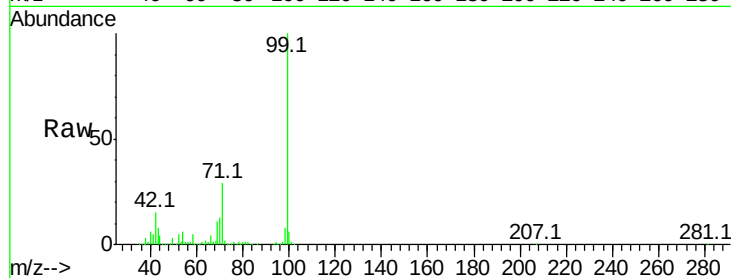
Tot Ion: 99 Resp: 1397612

Ion Ratio Lower Upper

99 100

42 15.0 17.7 26.5#

71 28.6 30.2 45.4#



#19

n-Nitroso-di-n-propylamine

Concen: 8.54 ng

RT: 7.22 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF083184.D

Acq: 23 Nov 2015 3:32

Tgt Ion: 70 Resp: 108072

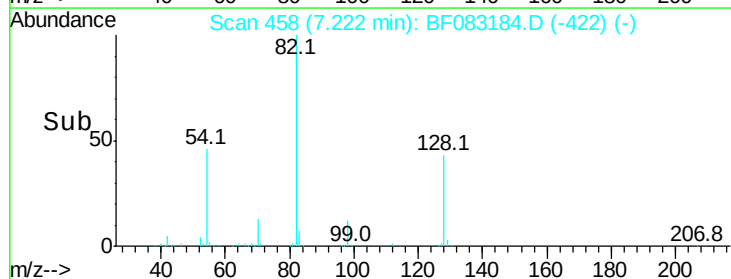
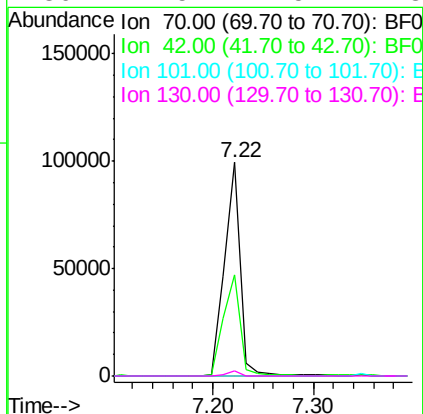
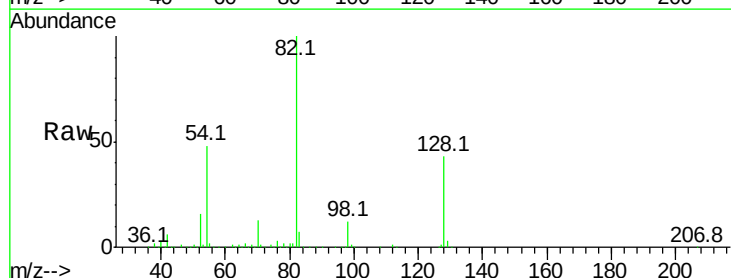
Ion Ratio Lower Upper

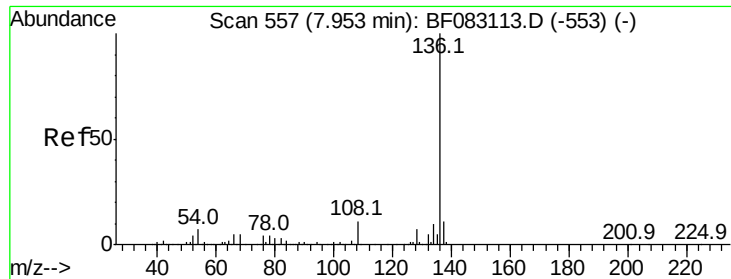
70 100

42 47.4 54.5 81.7#

101 0.0 6.6 9.8#

130 2.5 11.5 17.3#

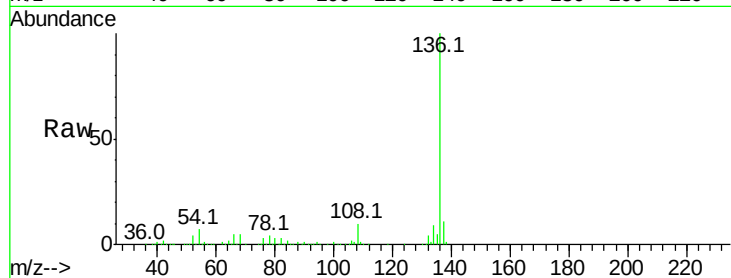




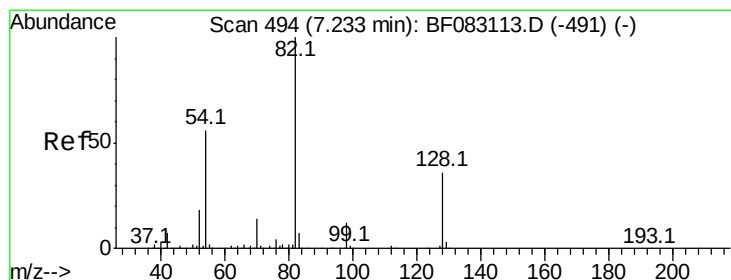
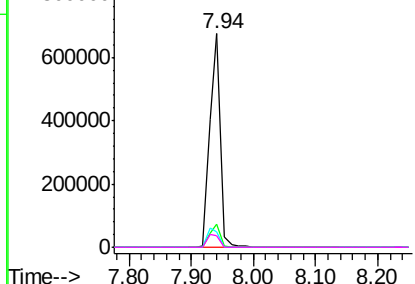
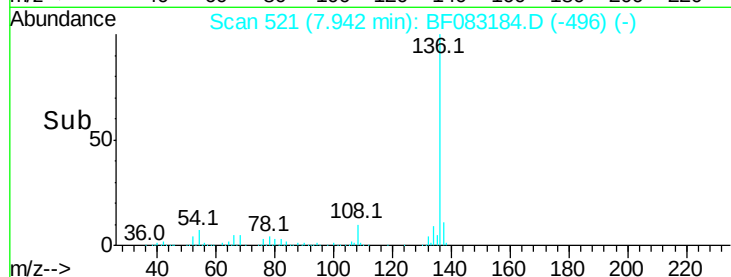
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083184.D
Acq: 23 Nov 2015 3:32

Instrument :
BNA_F
ClientSampled :
H2

Tot Ion:	136	Resp:	784818
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.3	5.8	8.6
68	5.4	3.8	5.8

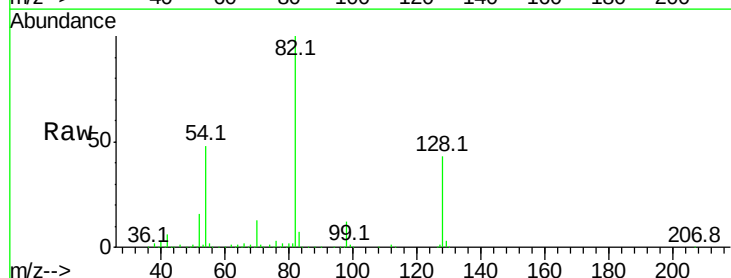


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

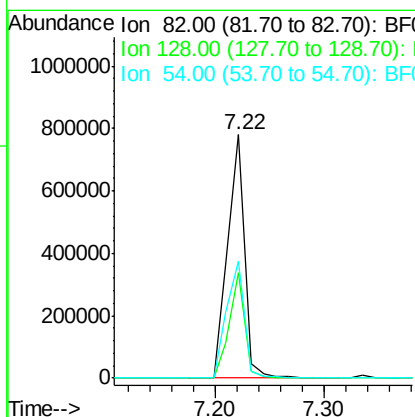
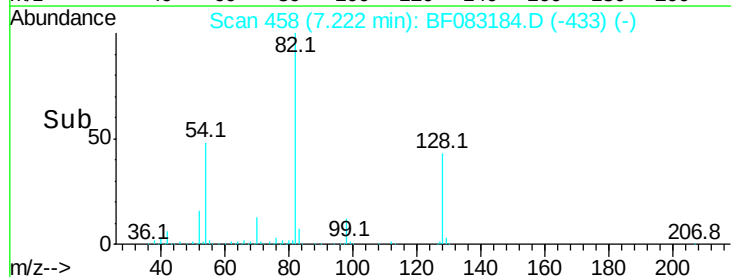


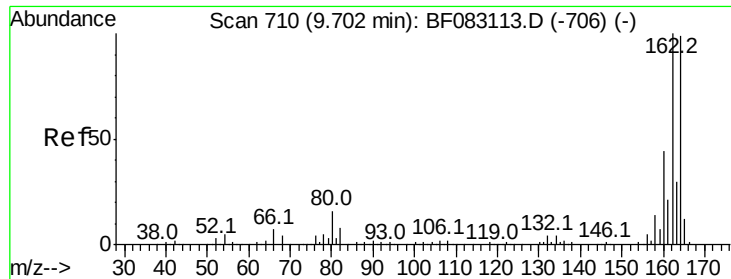
#23
Nitrobenzene-d5
Concen: 48.99 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083184.D
Acq: 23 Nov 2015 3:32

Tgt Ion:	82	Resp:	841369
Ion	Ratio	Lower	Upper
82	100		
128	43.1	28.5	42.7#
54	48.2	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

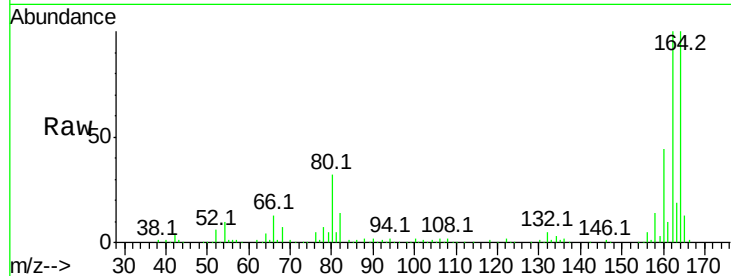




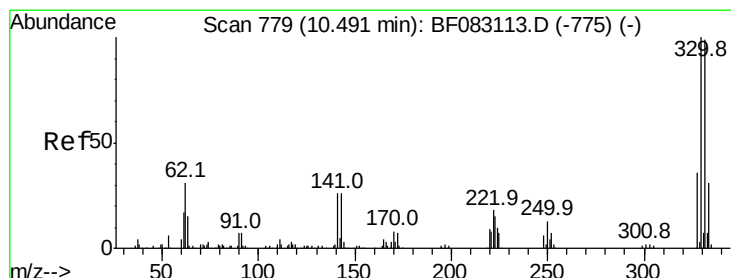
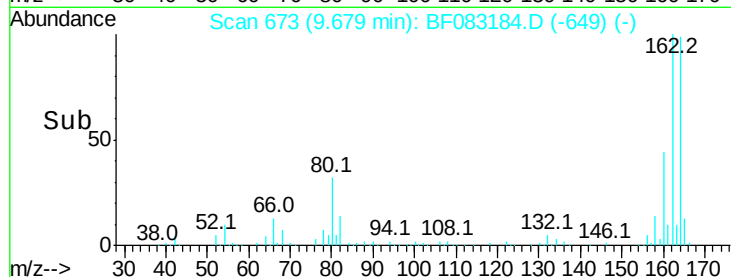
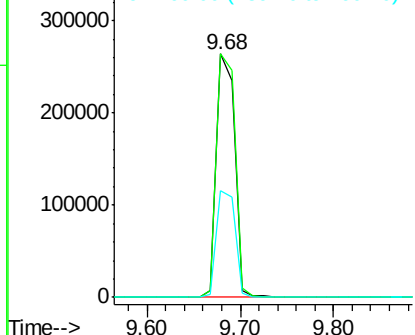
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083184.D
Acq: 23 Nov 2015 3:32

Instrument :
BNA_F
ClientSampleId :
H2

Tot Ion:164 Resp: 356535
Ion Ratio Lower Upper
164 100
162 100.0 81.2 121.8
160 43.7 35.6 53.4

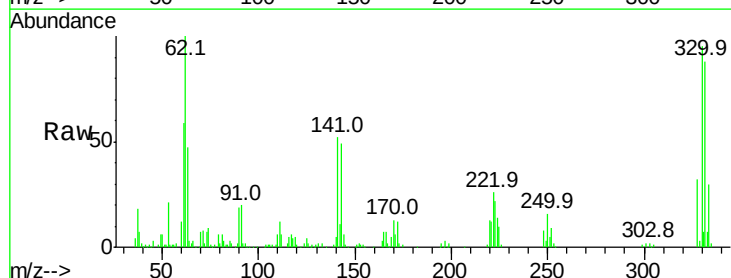


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

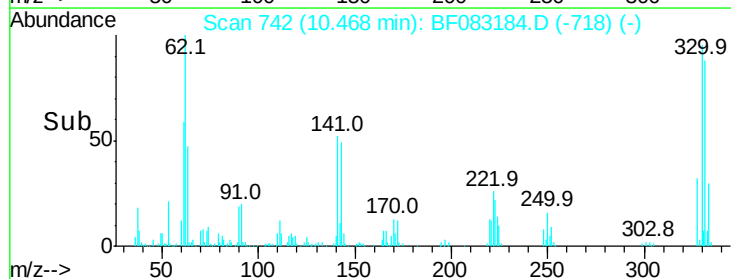
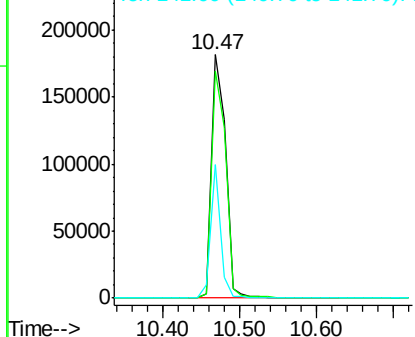


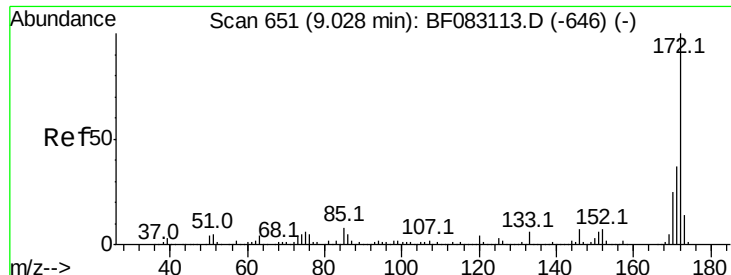
#41
2,4,6-Tribromophenol
Concen: 62.80 ng
RT: 10.47 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF083184.D
Acq: 23 Nov 2015 3:32

Tgt Ion:330 Resp: 229053
Ion Ratio Lower Upper
330 100
332 94.1 77.7 116.5
141 38.4 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



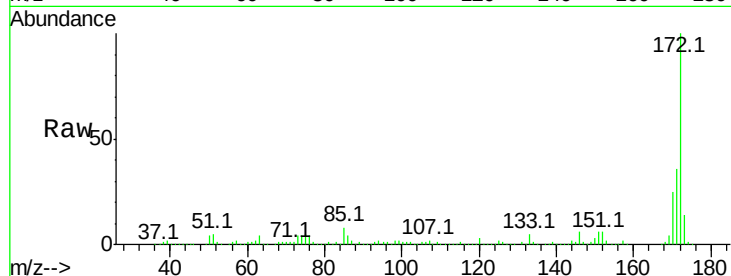


#44
 2-Fluorobiphenyl
 Concen: 49.76 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083184.D
 Acq: 23 Nov 2015 3:32

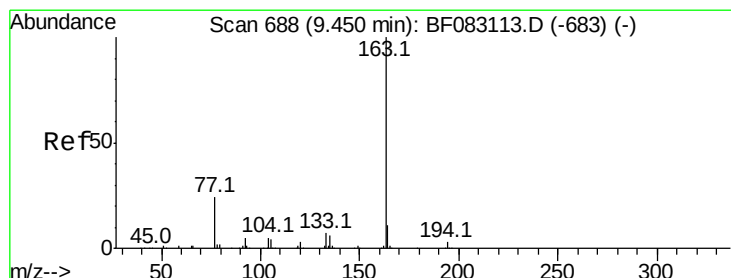
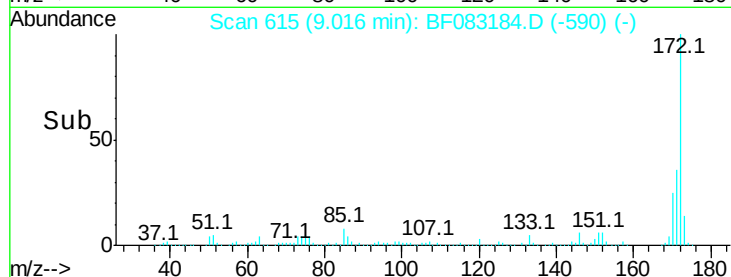
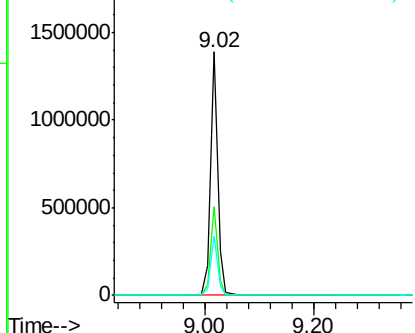
Instrument :
 BNA_F
 ClientSampleId :
 H2

Tot Ion:172 Resp: 1272155

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.5	44.3
170	24.6	19.9	29.9



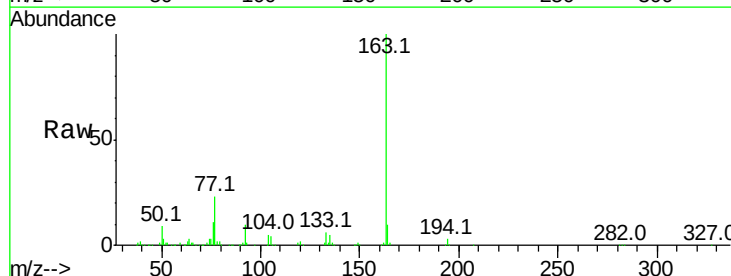
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



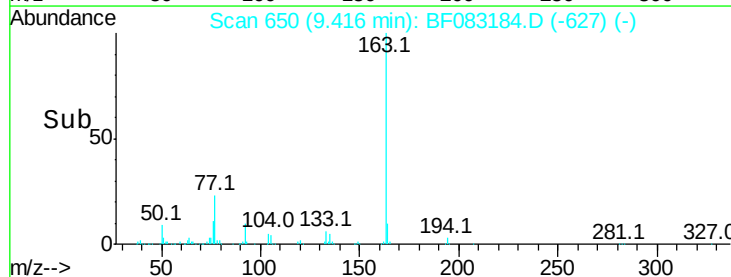
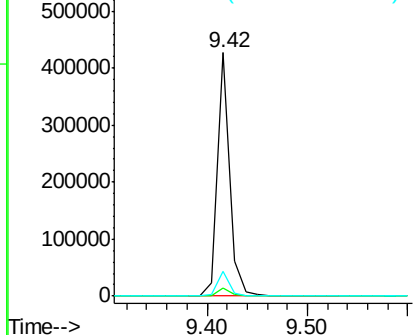
#49
 Dimethylphthalate
 Concen: 13.12 ng
 RT: 9.42 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF083184.D
 Acq: 23 Nov 2015 3:32

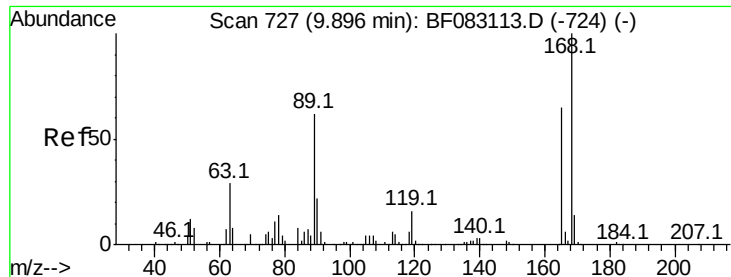
Tgt Ion:163 Resp: 360223

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.4	8.6	12.8



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

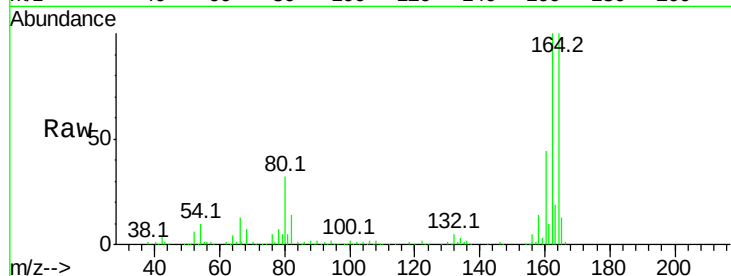




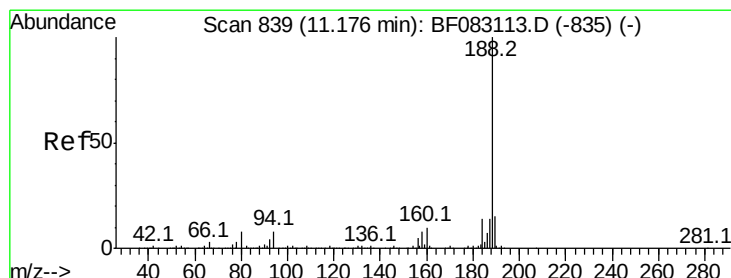
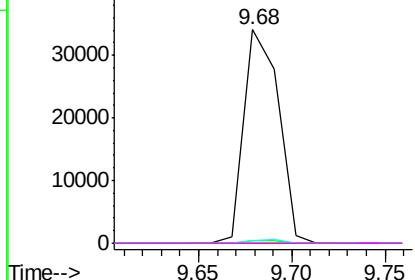
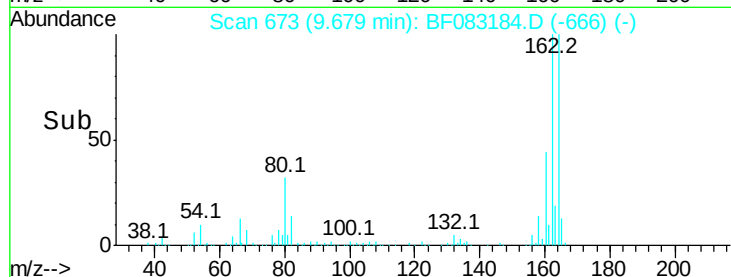
#56
 2,4-Dinitrotoluene
 Concen: 5.62 ng
 RT: 9.68 min Scan# 673
 Delta R.T. -0.22 min
 Lab File: BF083184.D
 Acq: 23 Nov 2015 3:32

Instrument :
 BNA_F
 ClientSampled :
 H2

Tot Ion:165 Resp: 43875
 Ion Ratio Lower Upper
 165 100
 63 1.3 54.5 81.7#
 89 1.3 77.3 115.9#
 182 0.0 1.8 2.6#

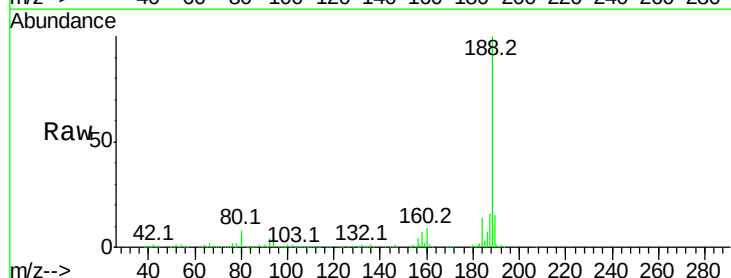


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

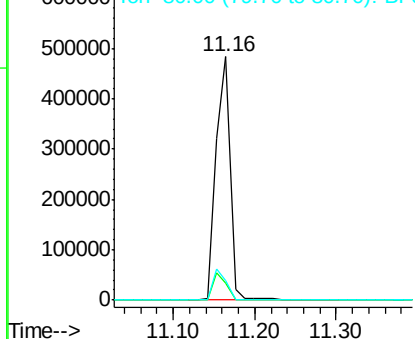
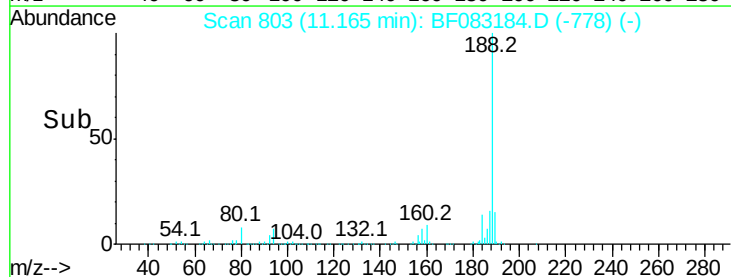


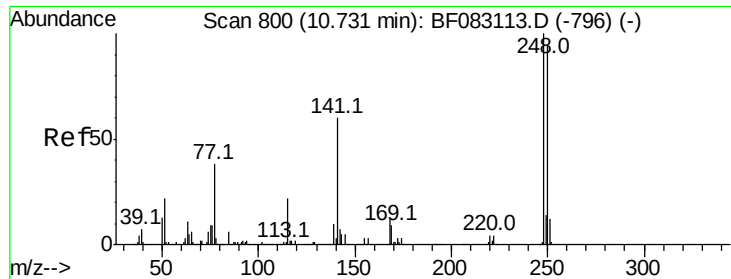
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF083184.D
 Acq: 23 Nov 2015 3:32

Tgt Ion:188 Resp: 577879
 Ion Ratio Lower Upper
 188 100
 94 7.1 6.0 9.0
 80 7.8 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

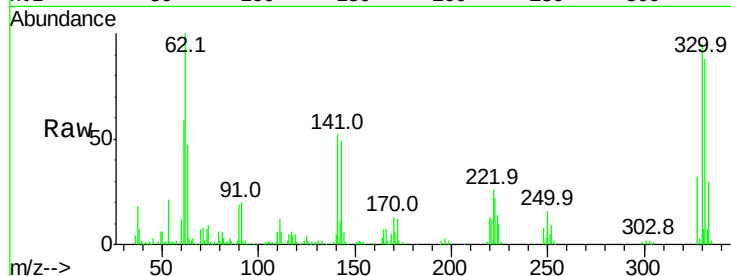




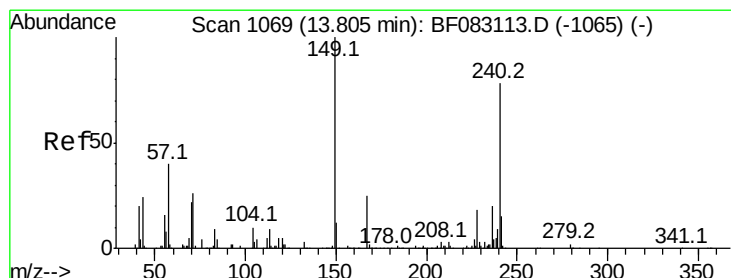
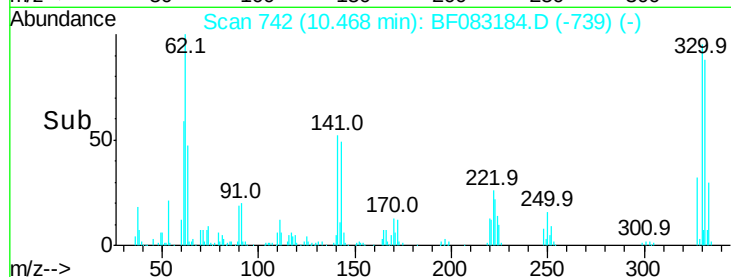
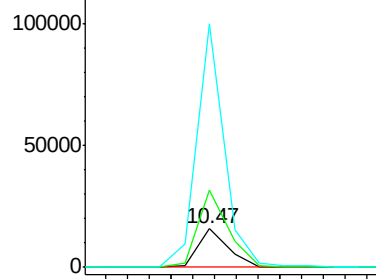
#66
 4-Bromophenyl-phenylether
 Concen: 2.39 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.26 min
 Lab File: BF083184.D
 Acq: 23 Nov 2015 3:32

Instrument :
 BNA_F
 ClientSampleId :
 H2

Tot Ion:248 Resp: 15339
 Ion Ratio Lower Upper
 248 100
 250 198.9 75.4 113.2#
 141 628.3 48.1 72.1#

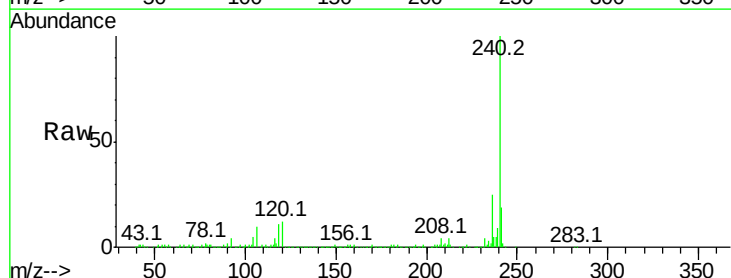


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

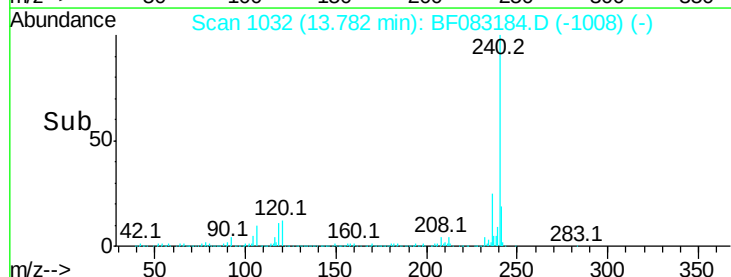
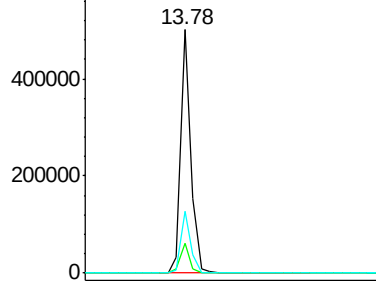


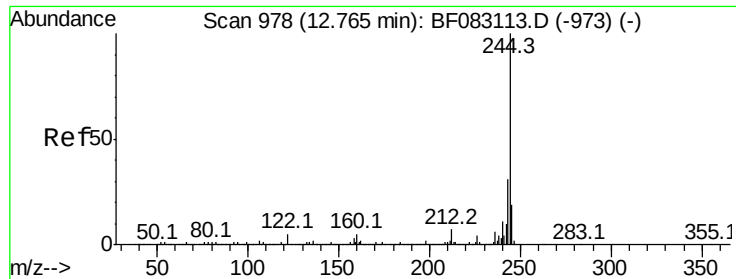
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.78 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF083184.D
 Acq: 23 Nov 2015 3:32

Tgt Ion:240 Resp: 484282
 Ion Ratio Lower Upper
 240 100
 120 12.5 5.4 8.2#
 236 25.4 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: 42.57 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083184.D

Acq: 23 Nov 2015 3:32

Instrument :

BNA_F

ClientSampleId :

H2

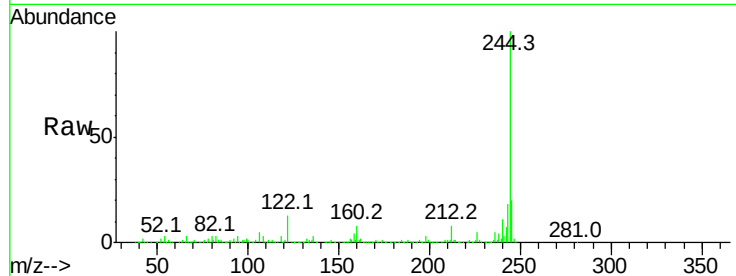
Tot Ion:244 Resp: 875378

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.2

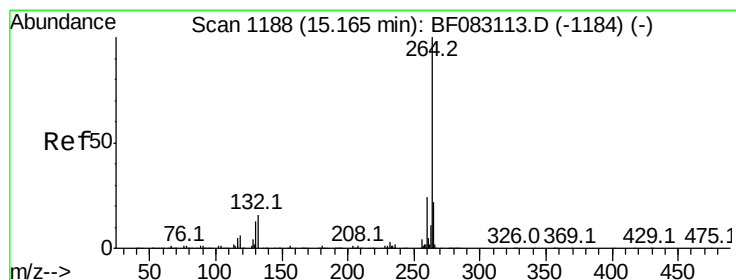
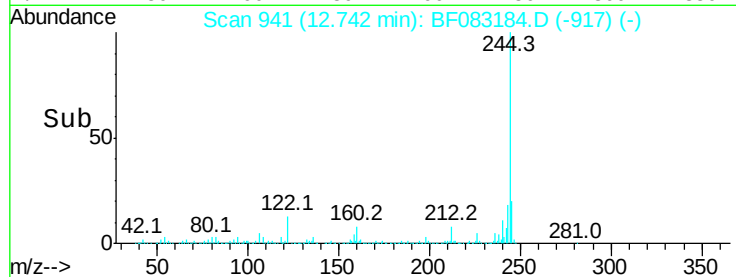
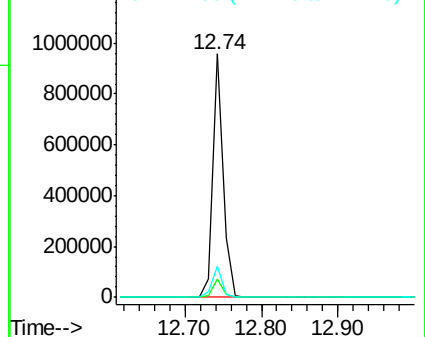
122 13.0 4.3 6.5#



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: BF083184.D

Acq: 23 Nov 2015 3:32

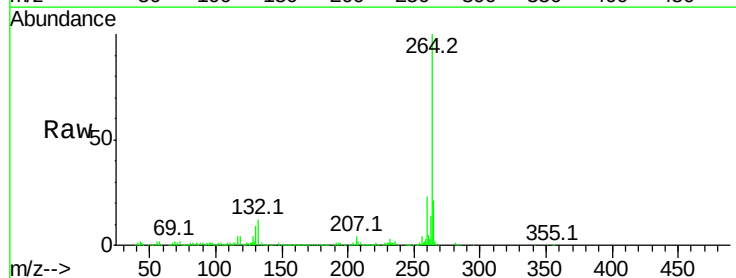
Tgt Ion:264 Resp: 377702

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 20.6 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

