

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083183.D
 Acq On : 23 Nov 2015 3:03
 Operator : UM/IZ
 Sample : G4475-01
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H1

Quant Time: Nov 23 03:44:24 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

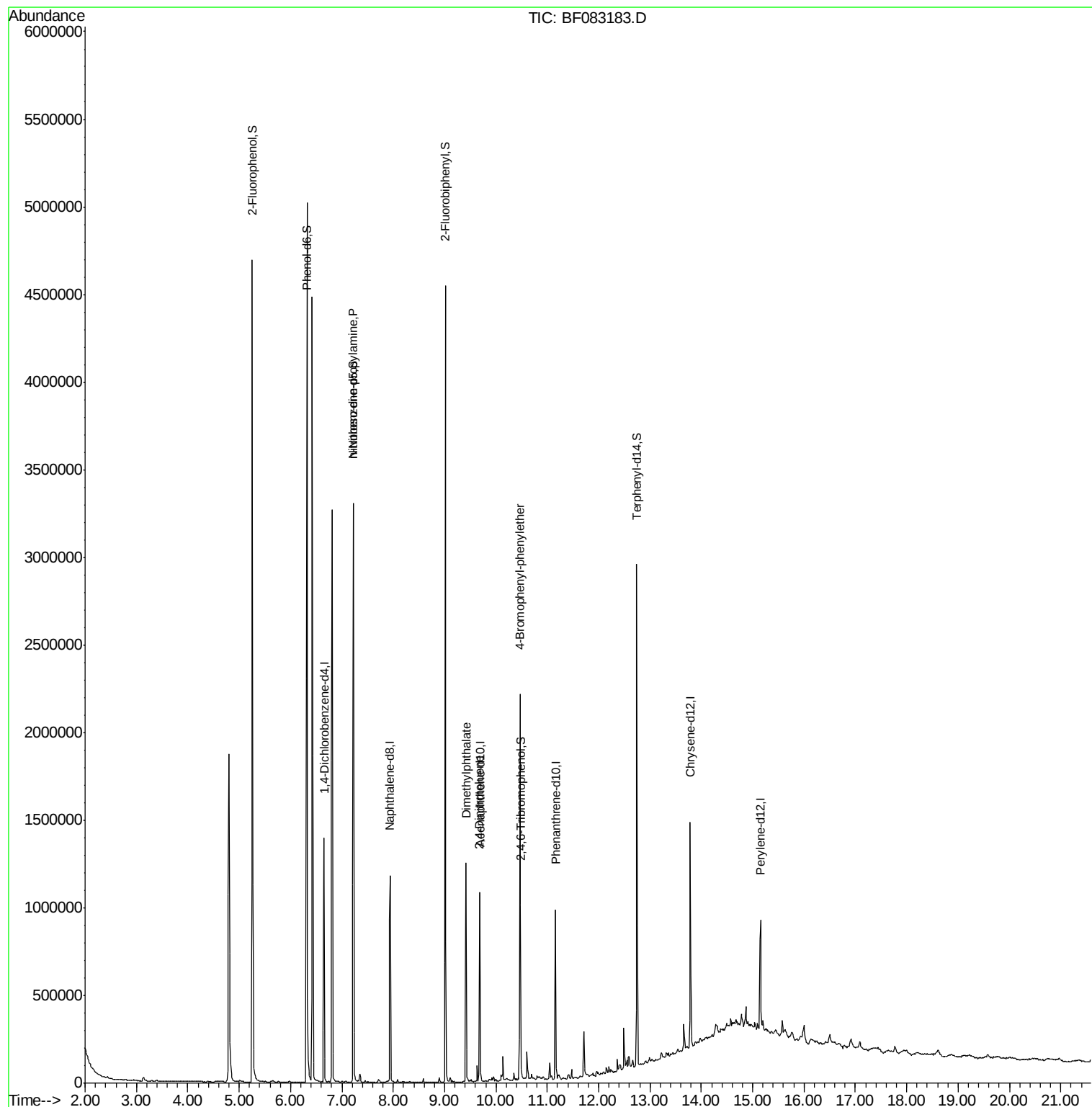
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	210368	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	729867	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	325572	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	527408	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	432120	20.00	ng	-0.02
86) Perylene-d12	15.15	264	345371	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1377689	99.01	ng	-0.02
7) Phenol-d6	6.32	99	1921356	106.72	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1176906	73.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	282384	84.78	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1364745	58.45	ng	-0.01
78) Terphenyl-d14	12.74	244	905610	49.35	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.32	77	3116	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.22	70	156769	12.51	ng	# 77
49) Dimethylphthalate	9.42	163	466378	18.61	ng	99
56) 2,4-Dinitrotoluene	9.68	165	40583	5.69	ng	# 10
66) 4-Bromophenyl-phenylether	10.47	248	18291	3.13	ng	# 1

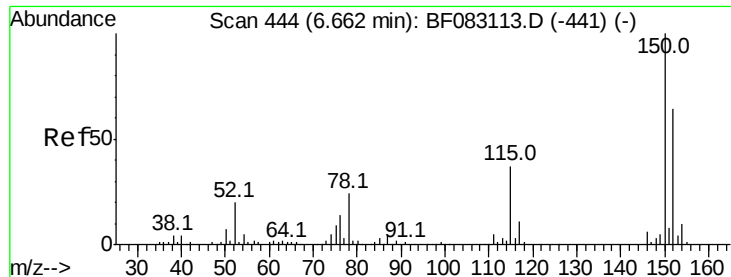
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 23 03:44:24 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: BF083183.D

Acq: 23 Nov 2015 3:03

Instrument :

BNA_F

ClientSampled :

H1

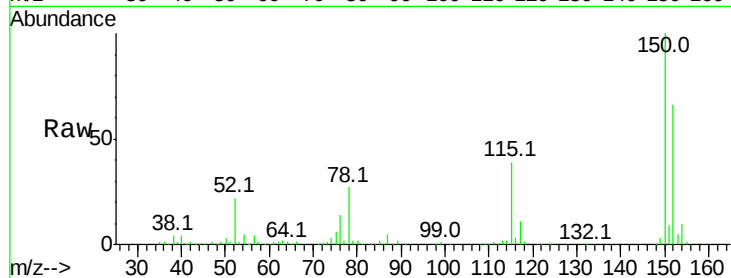
Tot Ion:152 Resp: 210368

Ion Ratio Lower Upper

152 100

150 152.2 125.8 188.8

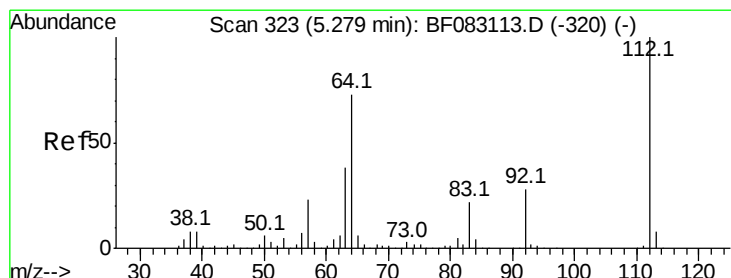
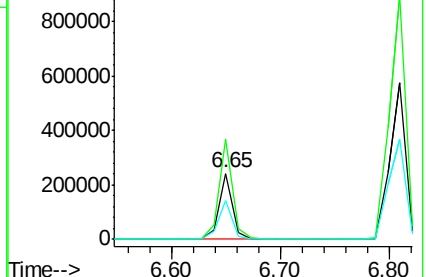
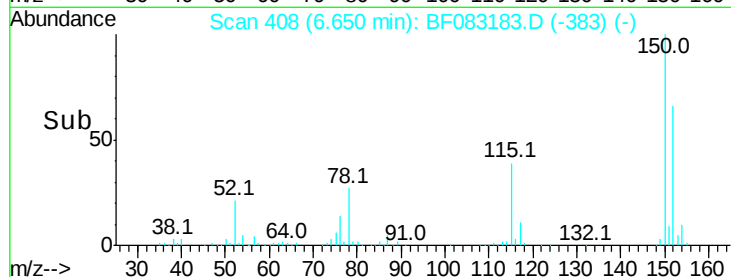
115 59.4 46.9 70.3



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: 99.01 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083183.D

Acq: 23 Nov 2015 3:03

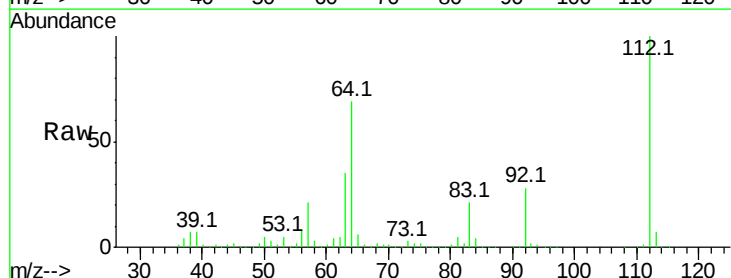
Tgt Ion:112 Resp: 1377689

Ion Ratio Lower Upper

112 100

64 68.6 58.4 87.6

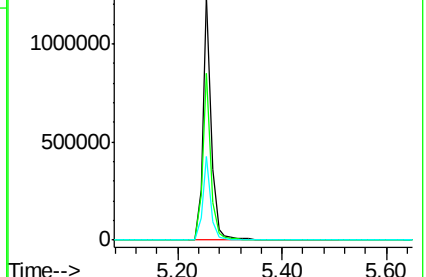
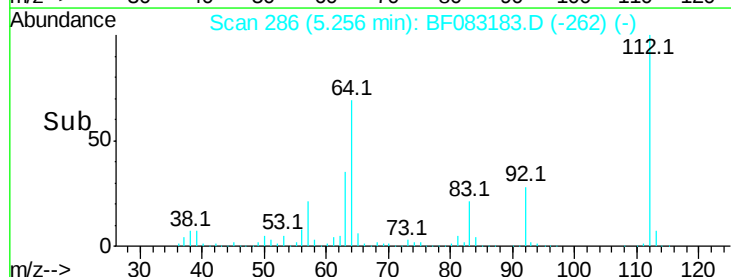
63 34.5 30.0 45.0

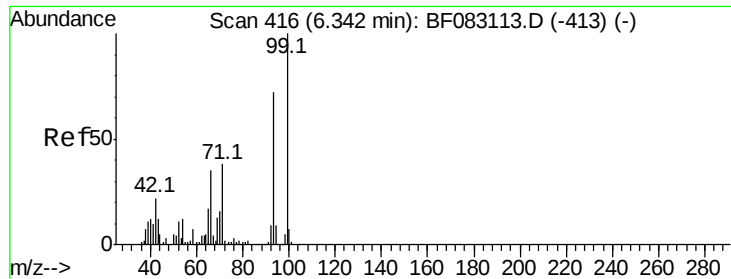


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.72 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083183.D

Acq: 23 Nov 2015 3:03

Instrument :

BNA_F

ClientSampleId :

H1

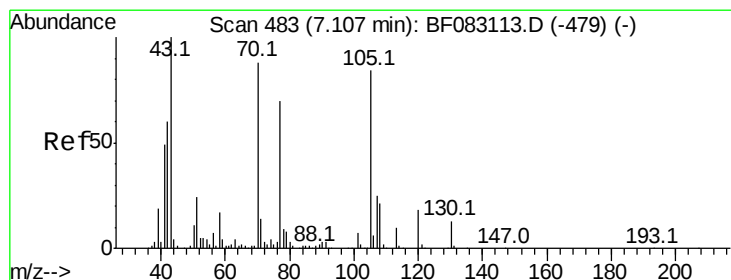
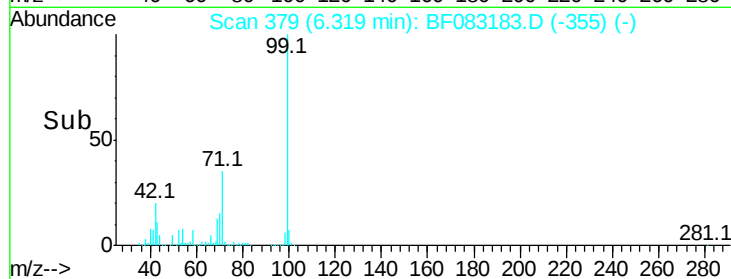
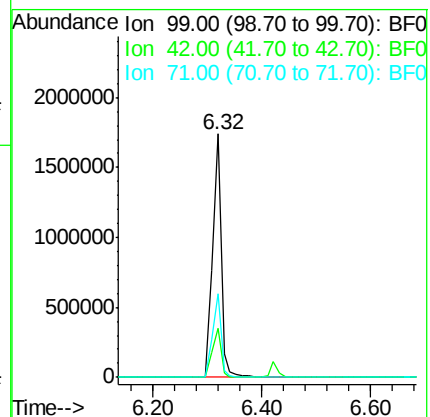
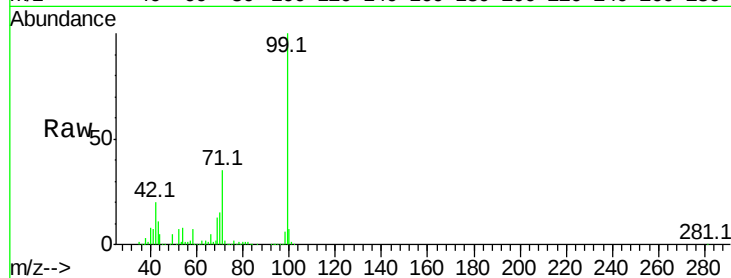
Tot Ion: 99 Resp: 1921356

Ion Ratio Lower Upper

99 100

42 20.2 17.7 26.5

71 34.6 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.51 ng

RT: 7.22 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF083183.D

Acq: 23 Nov 2015 3:03

Tgt Ion: 70 Resp: 156769

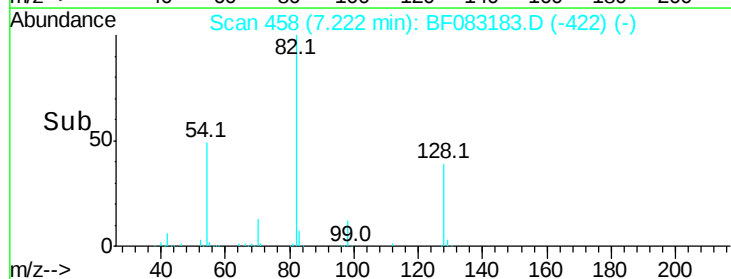
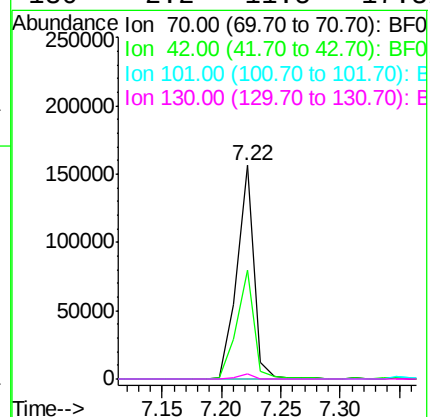
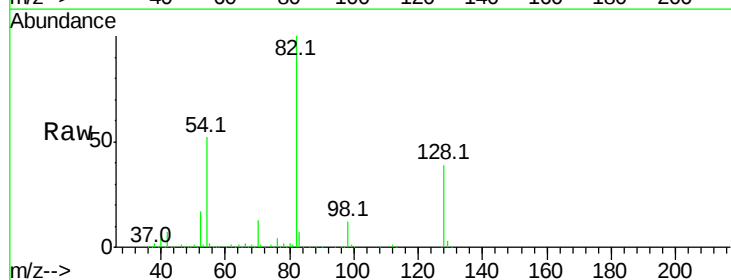
Ion Ratio Lower Upper

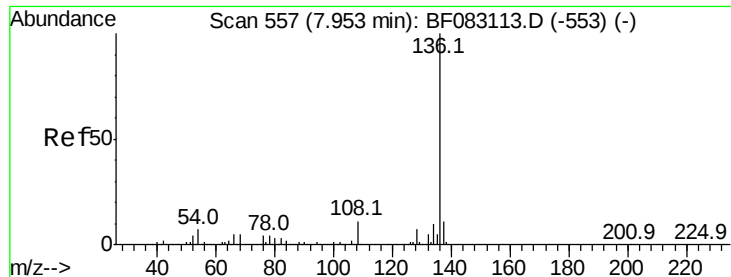
70 100

42 51.1 54.5 81.7#

101 0.0 6.6 9.8#

130 2.2 11.5 17.3#

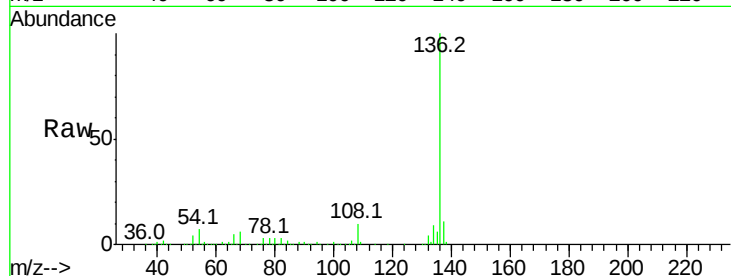




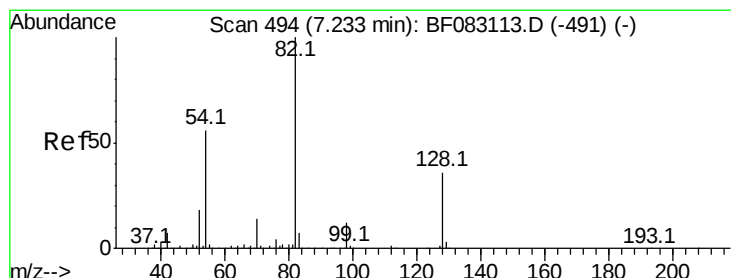
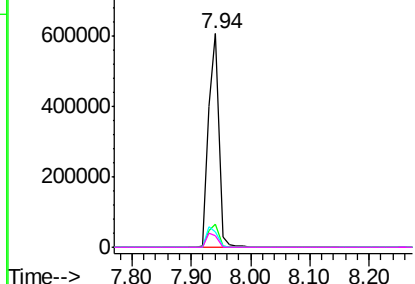
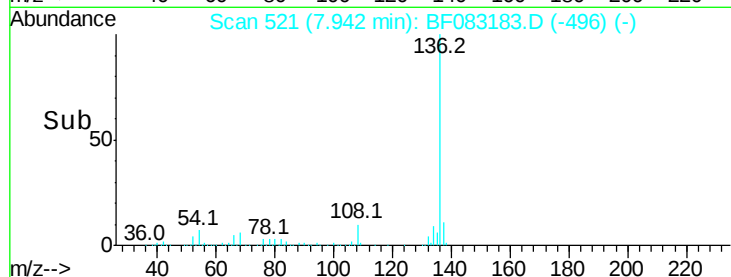
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083183.D
Acq: 23 Nov 2015 3:03

Instrument :
BNA_F
ClientSampleId :
H1

Tot Ion:136	Resp: 729867
Ion Ratio	Lower Upper
136 100	
137 10.6	8.7 13.1
54 7.1	5.8 8.6
68 5.7	3.8 5.8

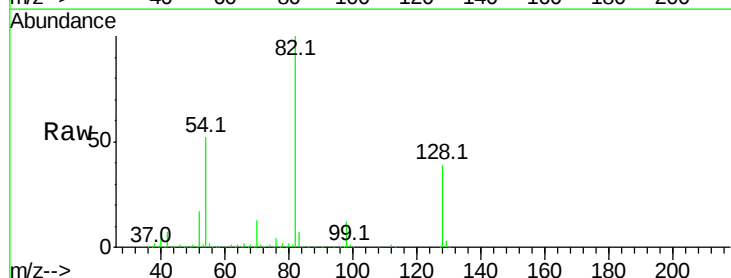


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

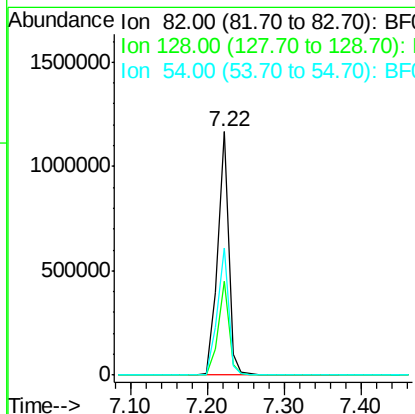
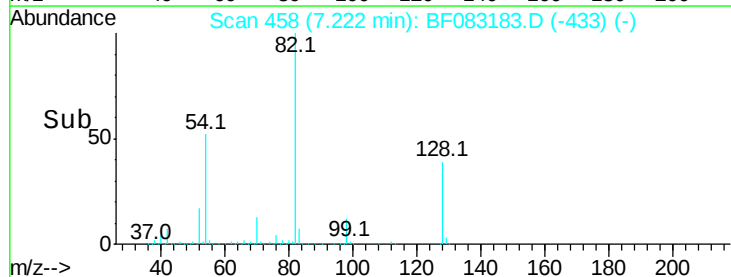


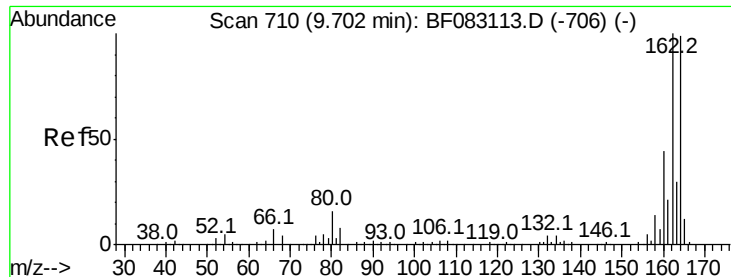
#23
Nitrobenzene-d5
Concen: 73.68 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083183.D
Acq: 23 Nov 2015 3:03

Tgt Ion: 82	Resp: 1176906
Ion Ratio	Lower Upper
82 100	
128 38.8	28.5 42.7
54 52.5	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

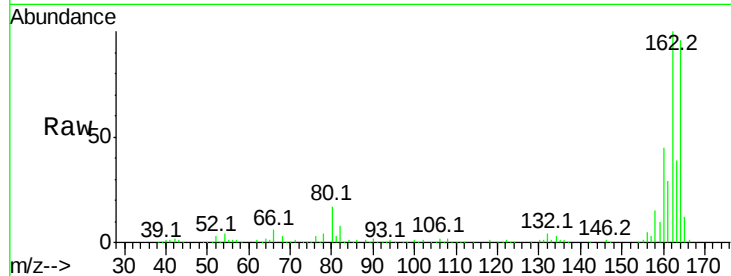




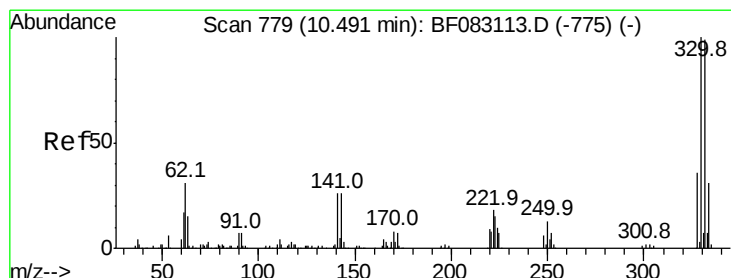
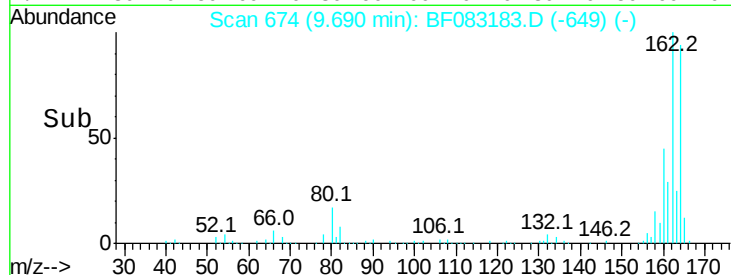
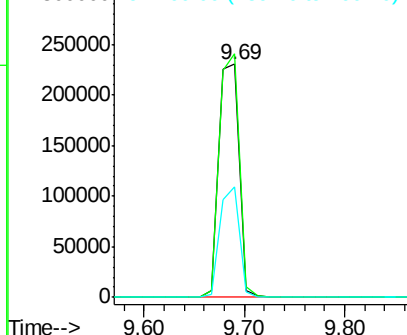
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083183.D
Acq: 23 Nov 2015 3:03

Instrument :
BNA_F
ClientSampleId :
H1

Tot Ion:164 Resp: 325572
Ion Ratio Lower Upper
164 100
162 104.5 81.2 121.8
160 47.2 35.6 53.4

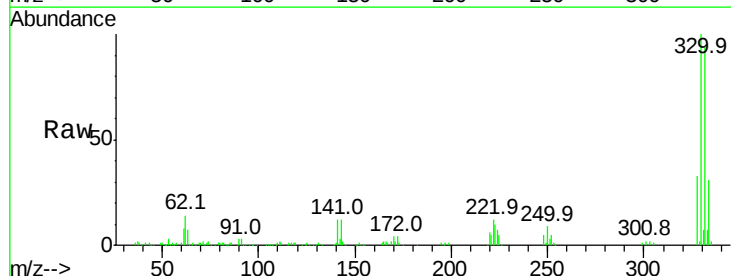


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

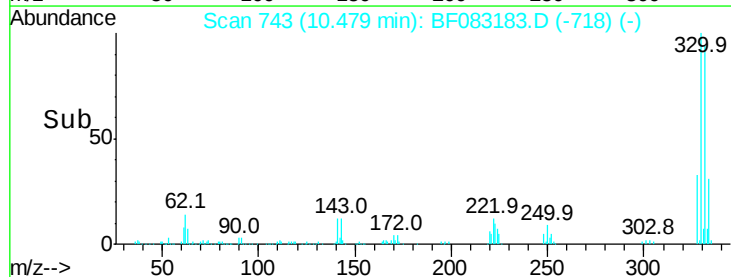
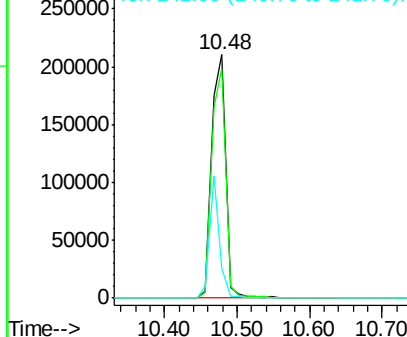


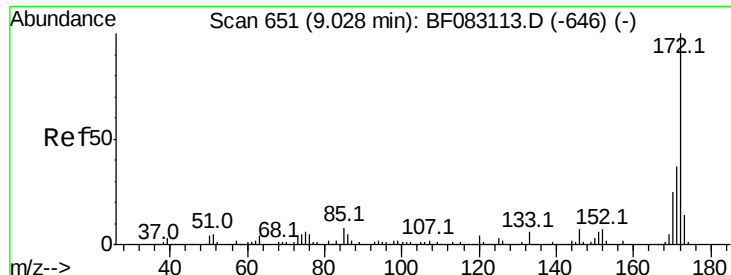
#41
2,4,6-Tribromophenol
Concen: 84.78 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF083183.D
Acq: 23 Nov 2015 3:03

Tgt Ion:330 Resp: 282384
Ion Ratio Lower Upper
330 100
332 94.1 77.7 116.5
141 35.4 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



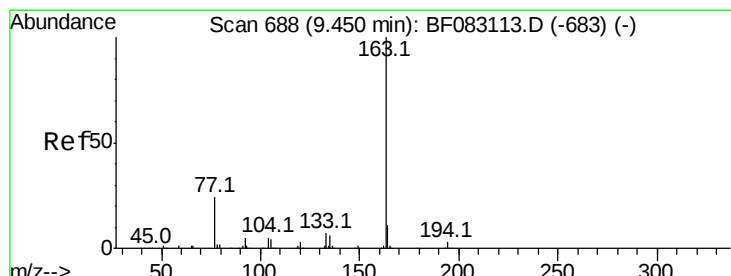
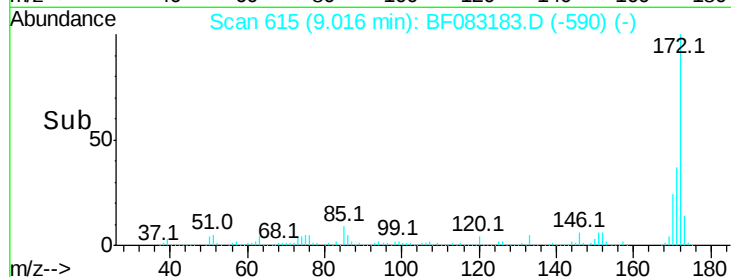
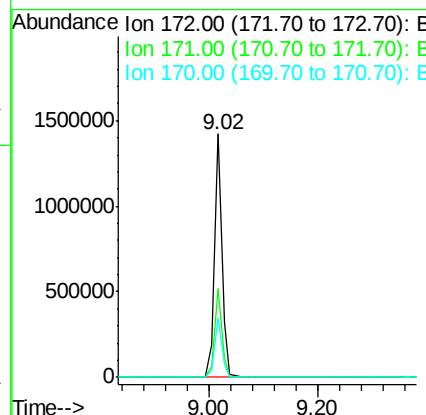
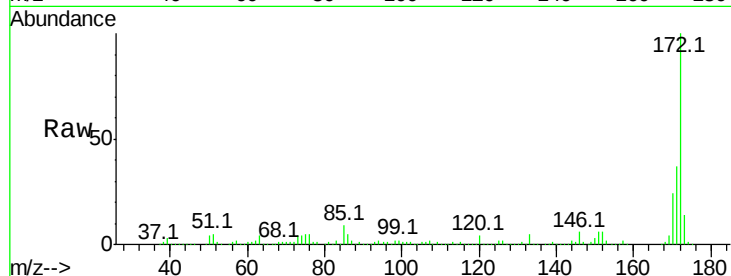


#44
 2-Fluorobiphenyl
 Concen: 58.45 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083183.D
 Acq: 23 Nov 2015 3:03

Instrument :
 BNA_F
 ClientSampleId :
 H1

Tot Ion:172 Resp: 1364745

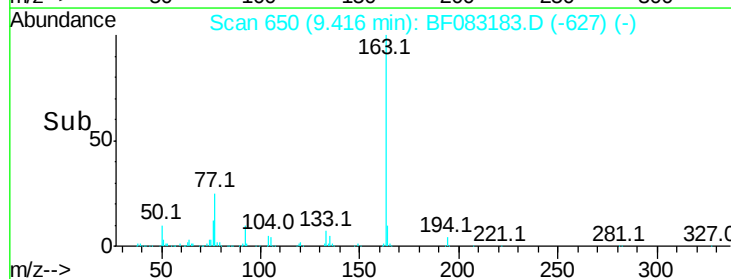
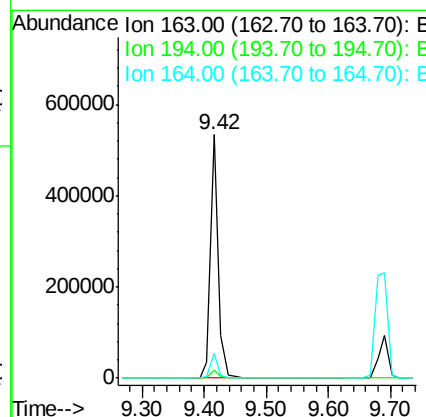
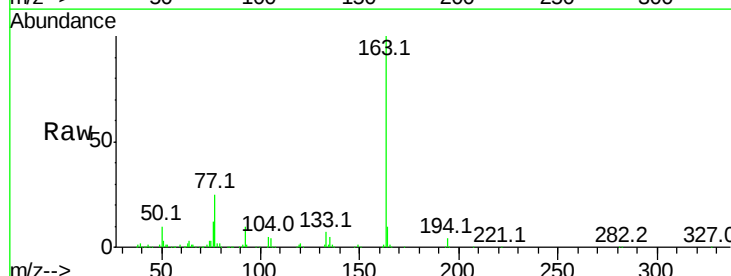
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.5	44.3
170	24.5	19.9	29.9

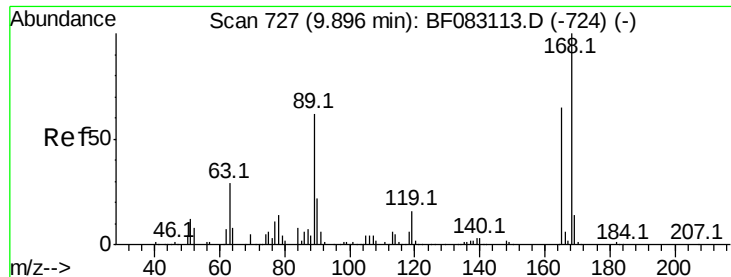


#49
 Dimethylphthalate
 Concen: 18.61 ng
 RT: 9.42 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF083183.D
 Acq: 23 Nov 2015 3:03

Tgt Ion:163 Resp: 466378

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.3	8.6	12.8

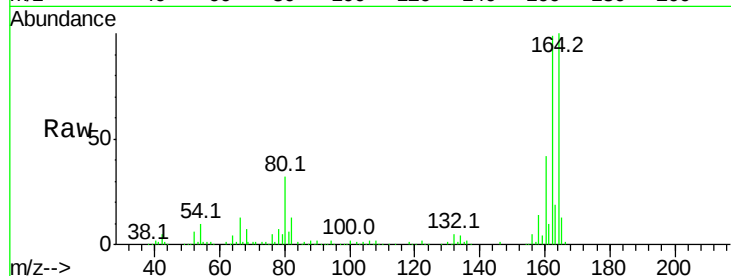




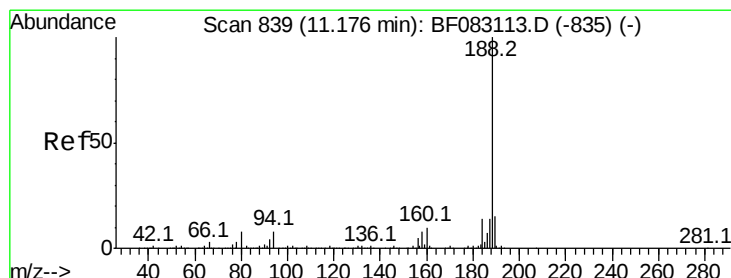
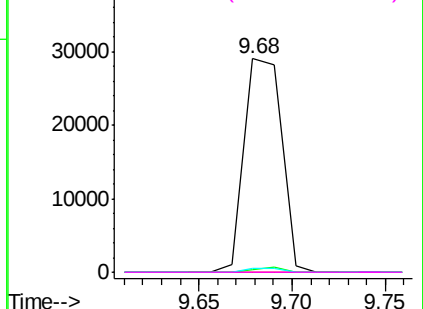
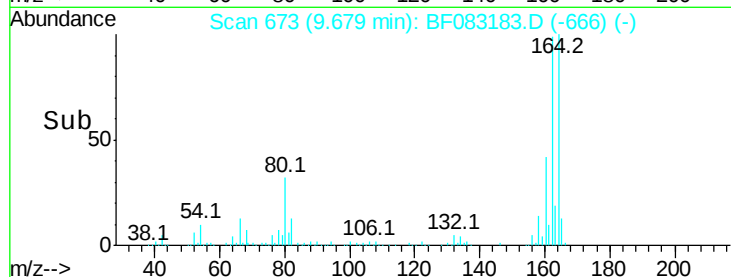
#56
2,4-Dinitrotoluene
Concen: 5.69 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.22 min
Lab File: BF083183.D
Acq: 23 Nov 2015 3:03

Instrument :
BNA_F
ClientSampleId :
H1

Tot Ion:165 Resp: 40583
Ion Ratio Lower Upper
165 100
63 1.4 54.5 81.7#
89 1.9 77.3 115.9#
182 0.0 1.8 2.6#

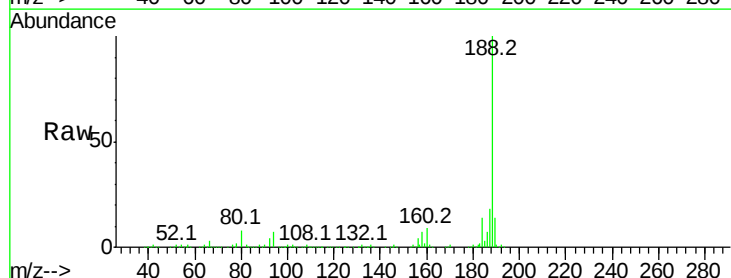


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

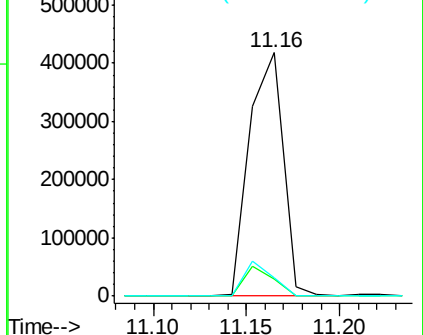
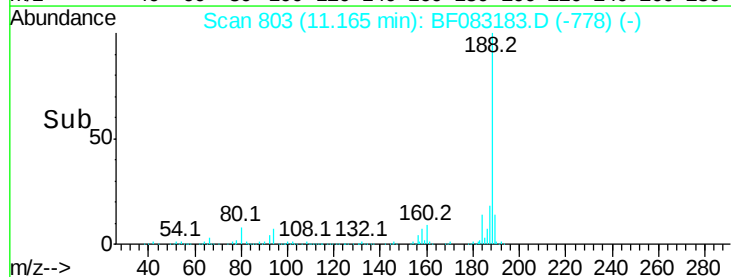


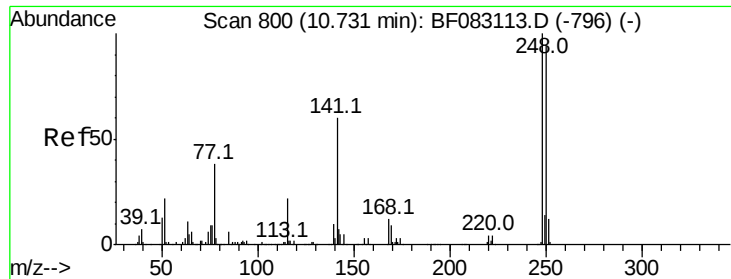
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083183.D
Acq: 23 Nov 2015 3:03

Tgt Ion:188 Resp: 527408
Ion Ratio Lower Upper
188 100
94 7.2 6.0 9.0
80 7.6 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: 3.13 ng

RT: 10.47 min Scan# 742

Delta R.T. -0.26 min

Lab File: BF083183.D

Acq: 23 Nov 2015 3:03

Instrument :

BNA_F

ClientSampled :

H1

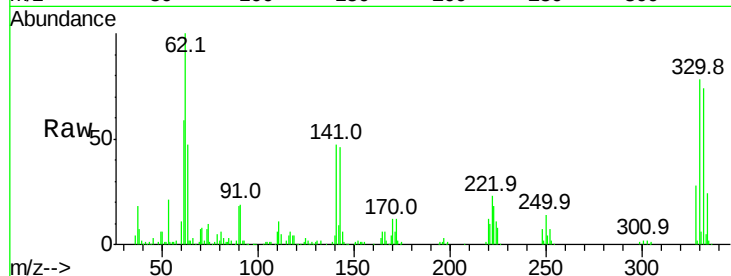
Tot Ion:248 Resp: 18291

Ion Ratio Lower Upper

248 100

250 202.3 75.4 113.2#

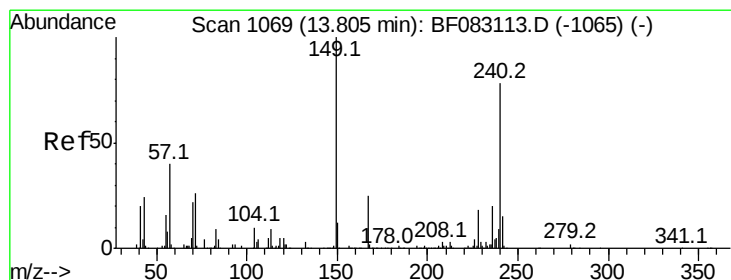
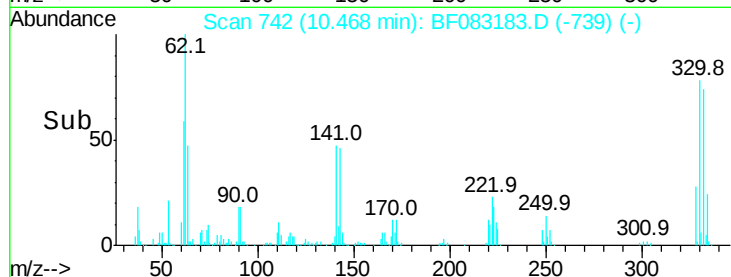
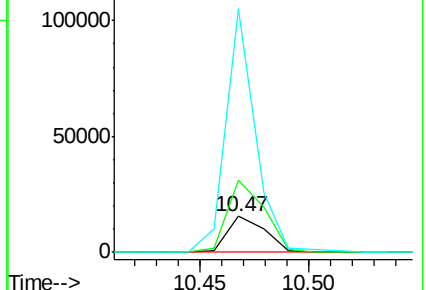
141 680.2 48.1 72.1#



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: BF083183.D

Acq: 23 Nov 2015 3:03

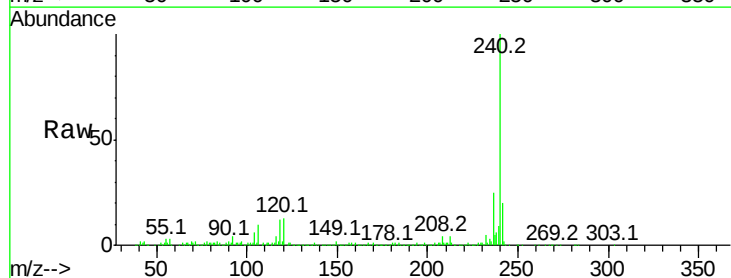
Tgt Ion:240 Resp: 432120

Ion Ratio Lower Upper

240 100

120 12.8 5.4 8.2#

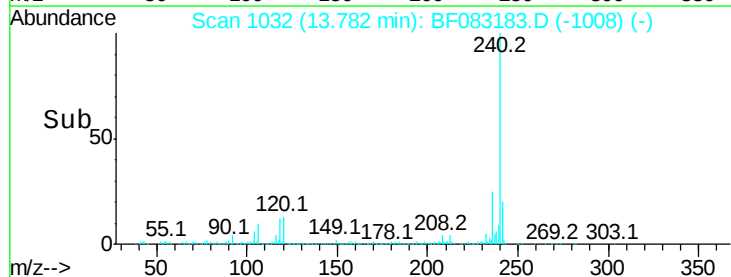
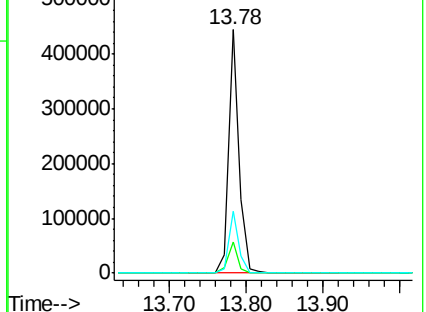
236 25.2 20.6 31.0

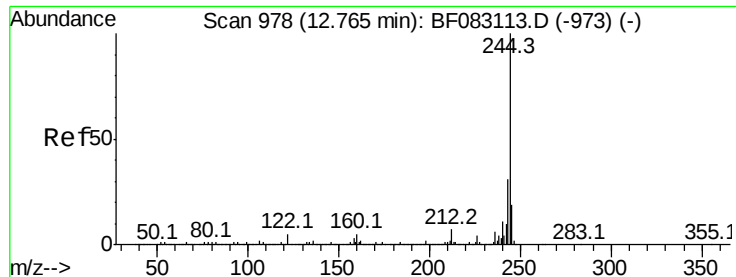


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

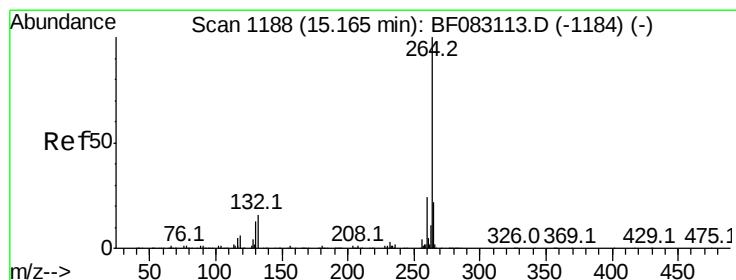
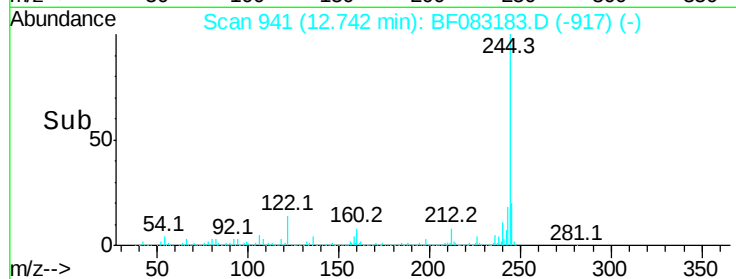
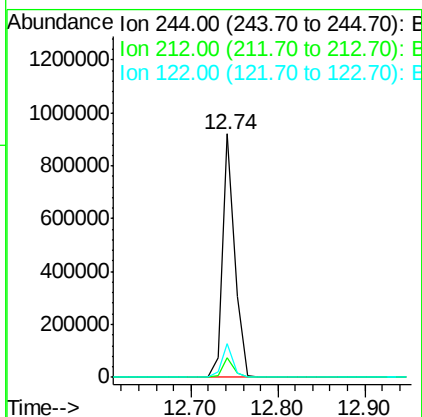
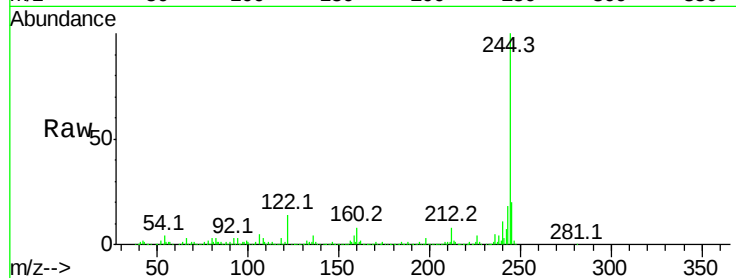




#78
 Terphenyl-d14
 Concen: 49.35 ng
 RT: 12.74 min Scan# 941
 Delta R.T. -0.02 min
 Lab File: BF083183.D
 Acq: 23 Nov 2015 3:03

Instrument :
 BNA_F
 ClientSampleId :
 H1

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.4	8.2
122	13.7	4.3	6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF083183.D
 Acq: 23 Nov 2015 3:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.1	28.7
265	22.9	18.2	27.4

