

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083093.D
 Acq On : 20 Nov 2015 21:29
 Operator : UM/IZ
 Sample : G4452-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-10

Quant Time: Nov 21 00:06:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

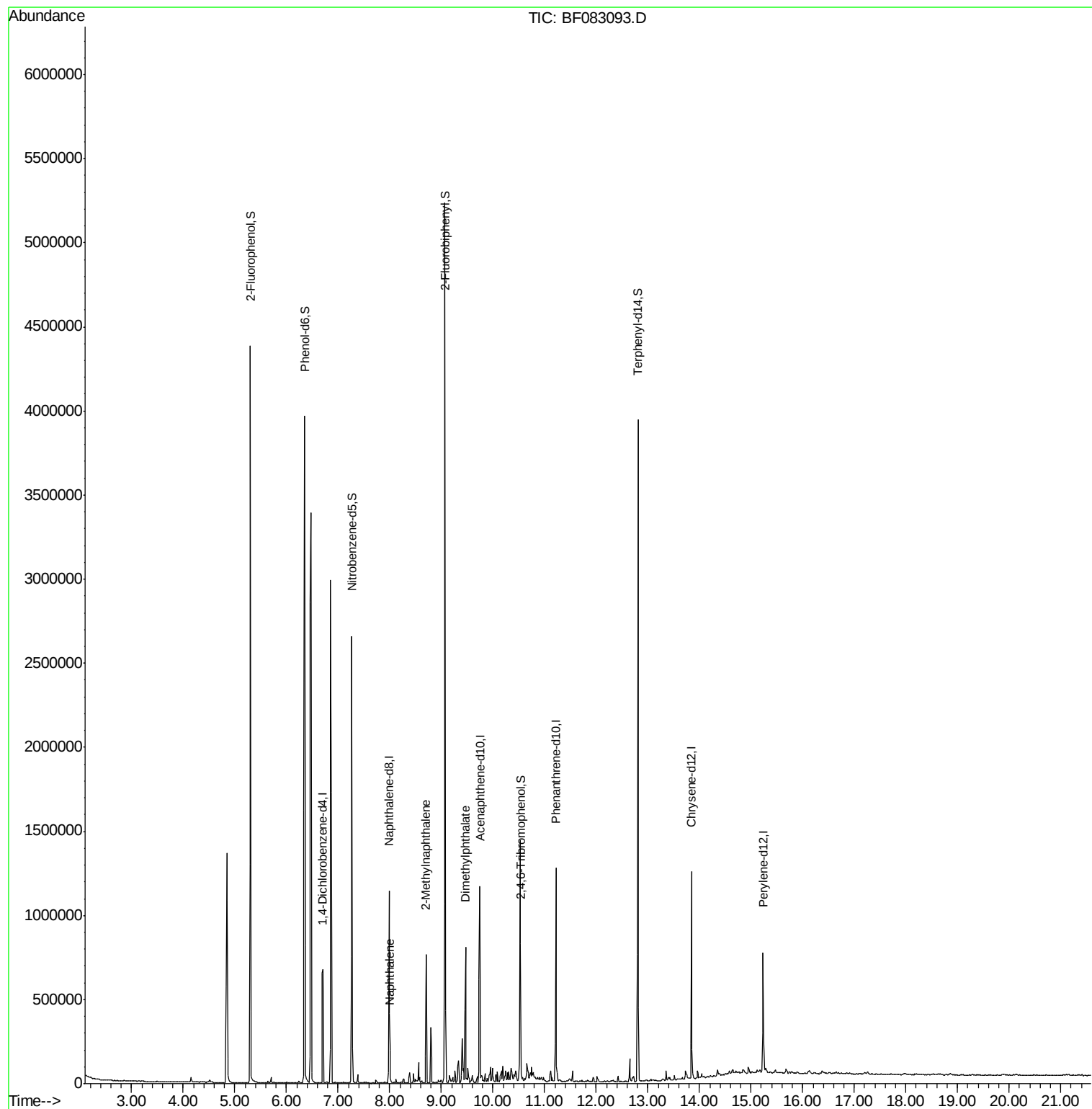
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	151406	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	521830	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	260608	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	435403	20.00	ng	0.00
75) Chrysene-d12	13.85	240	395439	20.00	ng	-0.01
86) Perylene-d12	15.23	264	309445	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1144097	117.37	ng	0.01
7) Phenol-d6	6.35	99	1442805	112.38	ng	0.00
23) Nitrobenzene-d5	7.26	82	890807	78.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	198822	71.86	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1496390	77.33	ng	-0.01
78) Terphenyl-d14	12.81	244	1135028	67.76	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.01	128	77211	2.84	ng	98
37) 2-Methylnaphthalene	8.70	142	199636	11.03	ng	96
49) Dimethylphthalate	9.47	163	402260	18.75	ng	98

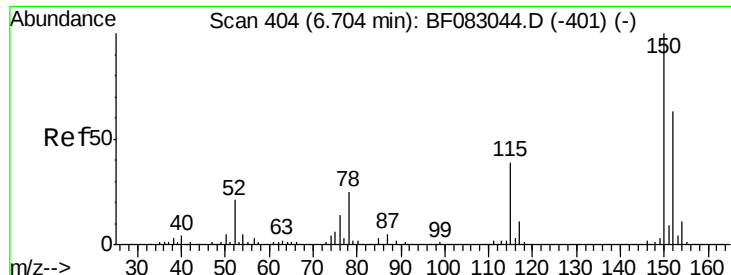
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083093.D

Acq: 20 Nov 2015 21:29

Instrument :

BNA_F

ClientSampleId :

RW-20151116-10

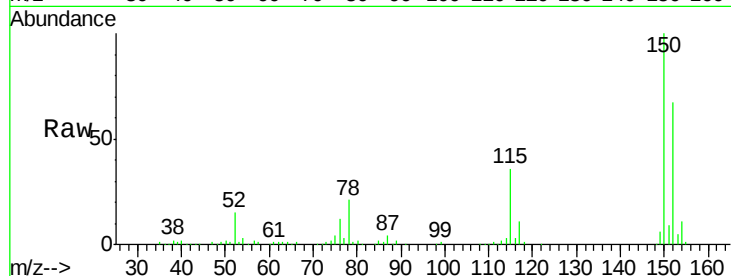
Tot Ion:152 Resp: 151406

Ion Ratio Lower Upper

152 100

150 150.3 126.4 189.6

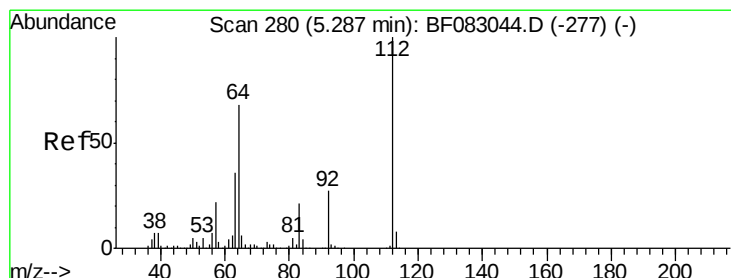
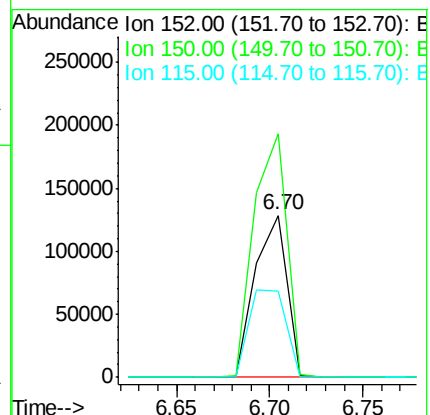
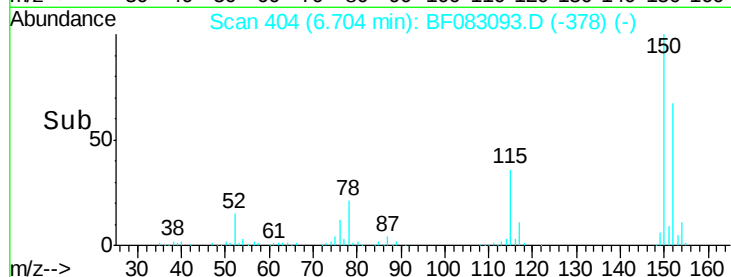
115 53.4 49.0 73.6



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: 117.37 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF083093.D

Acq: 20 Nov 2015 21:29

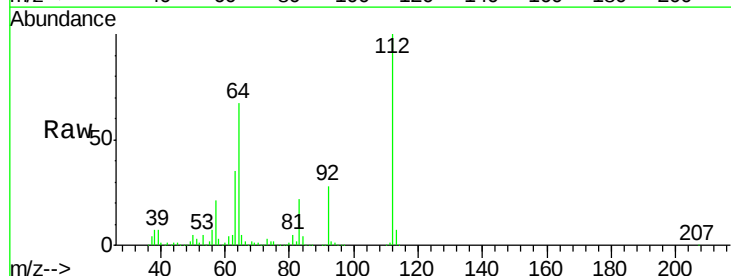
Tgt Ion:112 Resp: 1144097

Ion Ratio Lower Upper

112 100

64 67.5 54.8 82.2

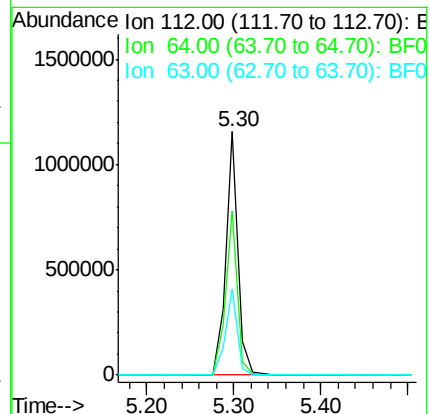
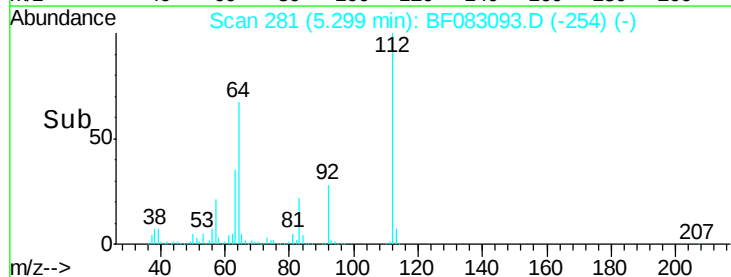
63 35.4 29.0 43.4

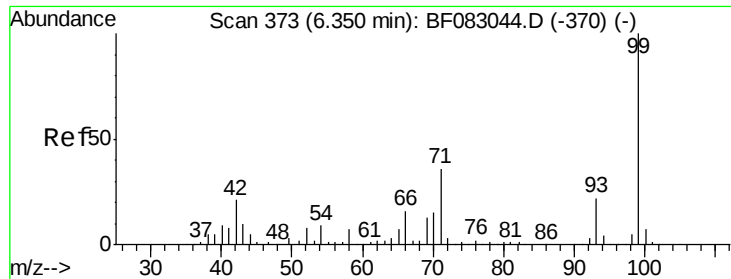


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.38 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083093.D

Acq: 20 Nov 2015 21:29

Instrument :

BNA_F

ClientSampleId :

RW-20151116-10

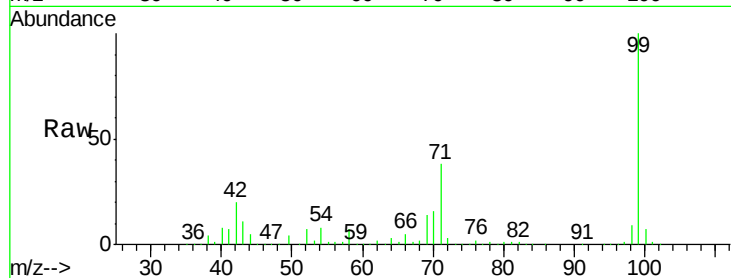
Tot Ion: 99 Resp: 1442805

Ion Ratio Lower Upper

99 100

42 20.2 16.6 25.0

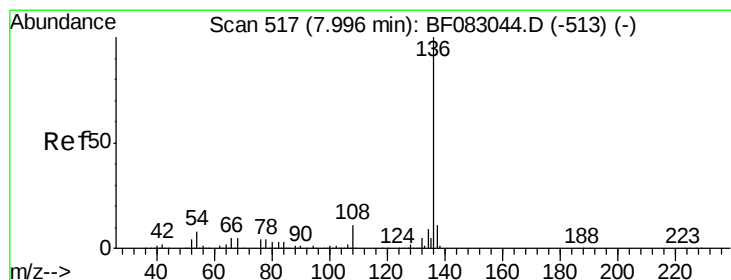
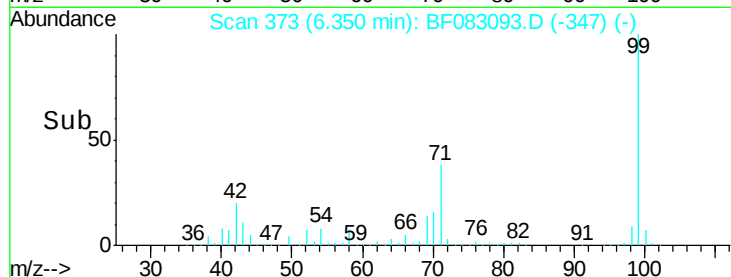
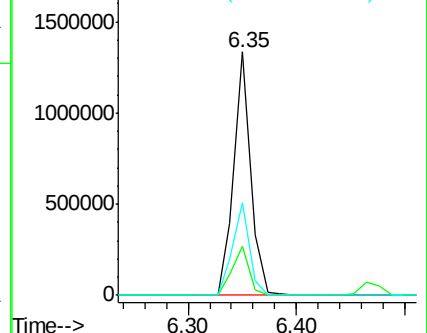
71 37.8 29.2 43.8



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: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083093.D

Acq: 20 Nov 2015 21:29

Tgt Ion: 136 Resp: 521830

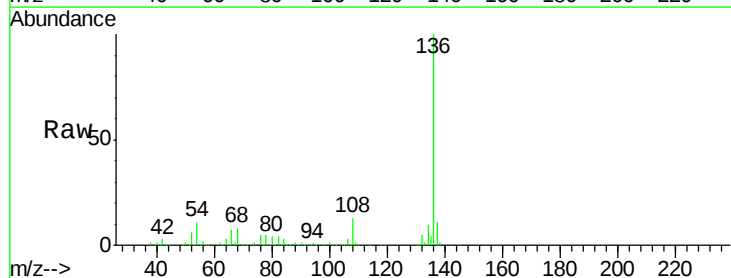
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 11.4 6.2 9.2#

68 7.6 4.2 6.2#

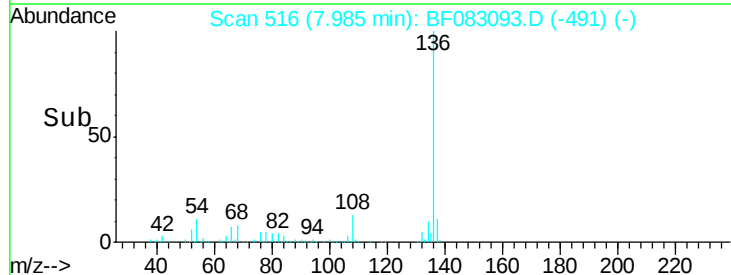
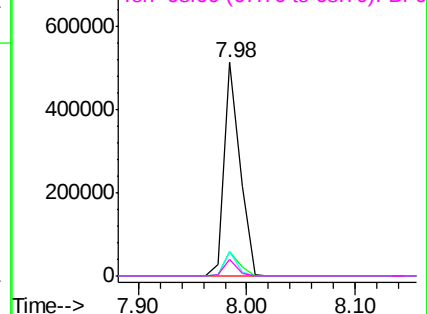


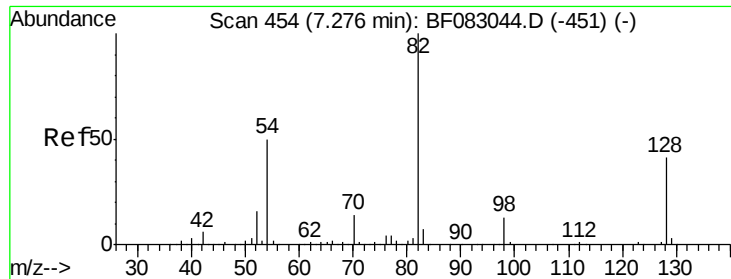
Abundance Ion 136.00 (135.70 to 136.70): E

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

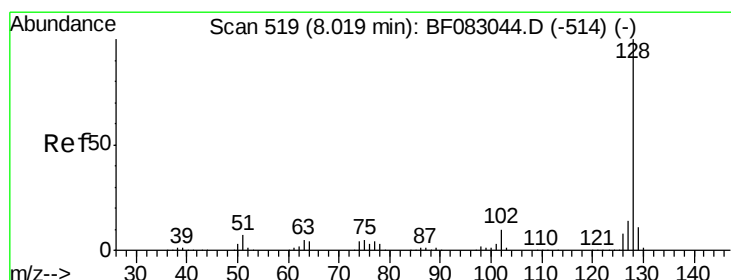
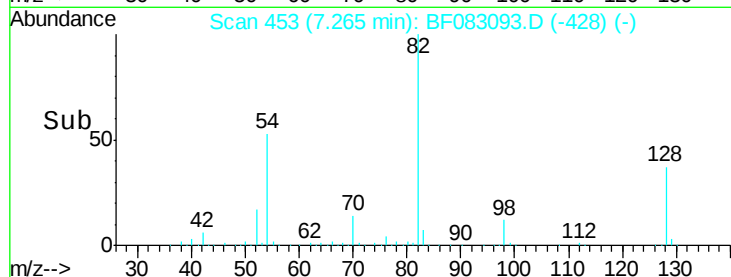
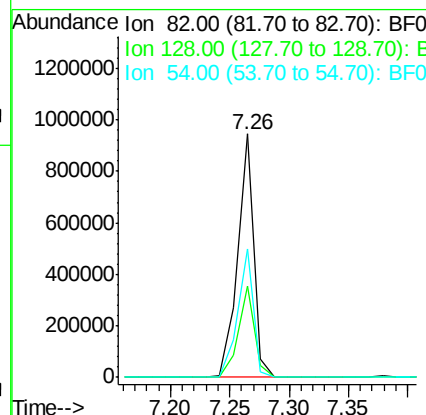
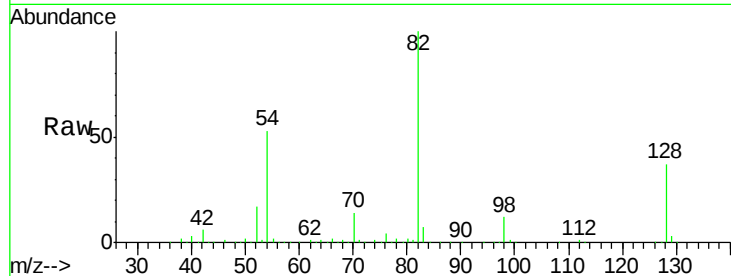




#23
Nitrobenzene-d5
Concen: 78.15 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

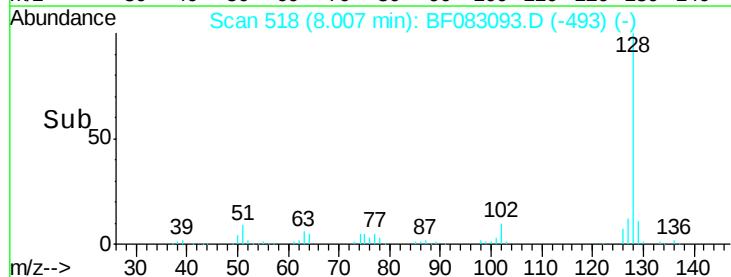
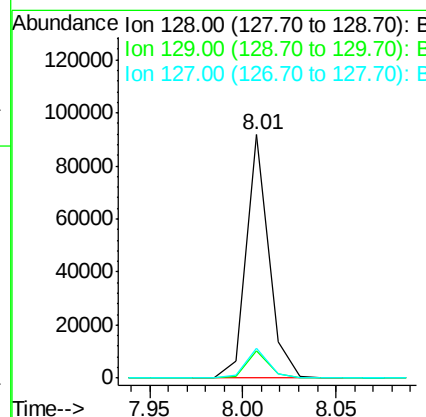
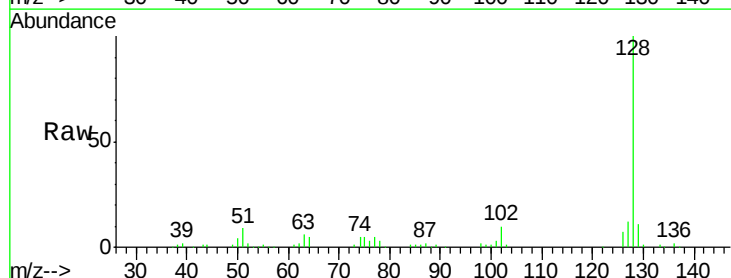
Instrument :
BNA_F
ClientSampleId :
RW-20151116-10

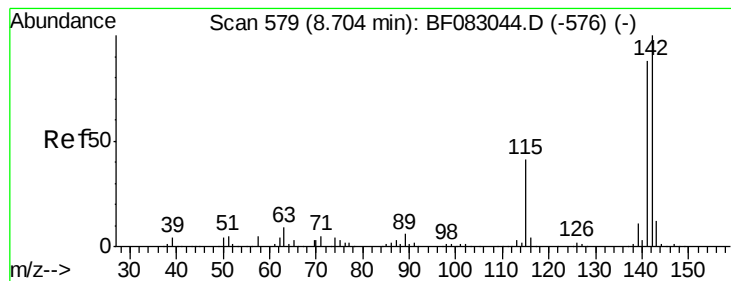
Tot Ion	82	Resp	890807
Ion Ratio	Lower	Upper	
82	100		
128	37.3	33.1	49.7
54	52.5	39.8	59.6



#31
Naphthalene
Concen: 2.84 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Tgt Ion	128	Resp	77211
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.0	13.4
127	12.1	10.9	16.3

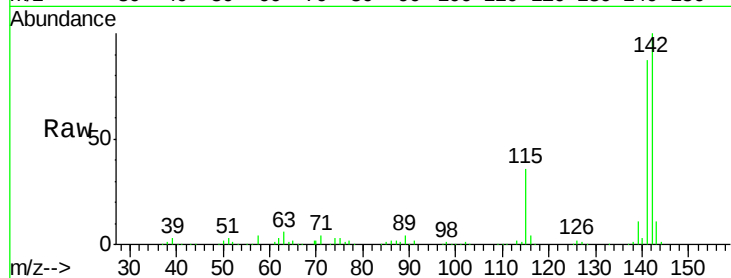




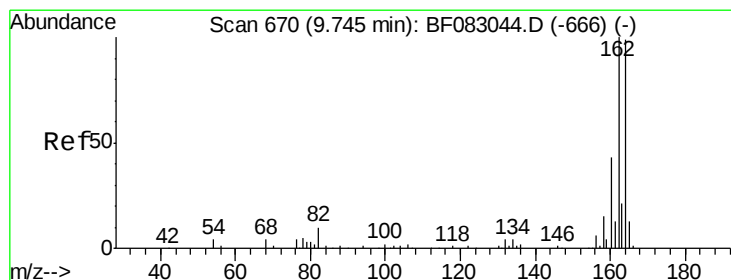
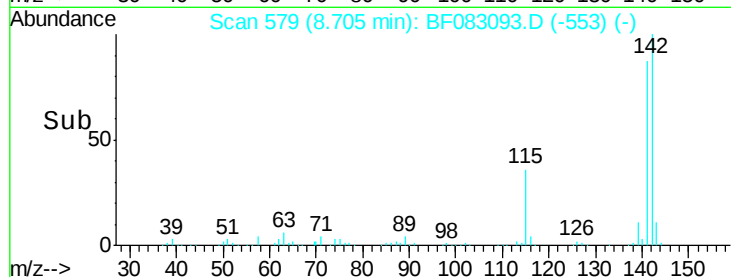
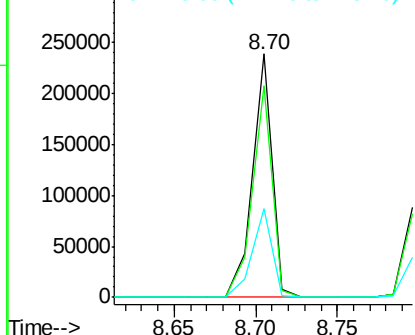
#37
2-Methylnaphthalene
Concen: 11.03 ng
RT: 8.70 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Instrument :
BNA_F
ClientSampleId :
RW-20151116-10

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.7	106.1
115	36.2	33.1	49.7

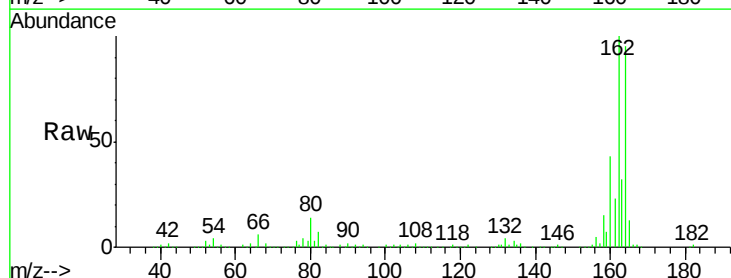


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

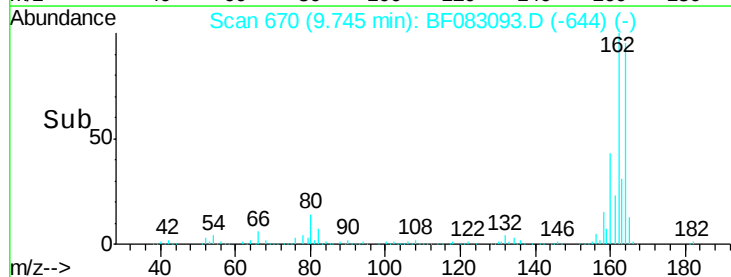
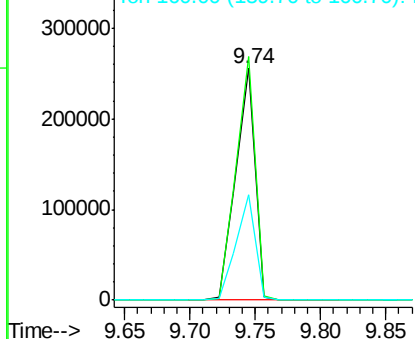


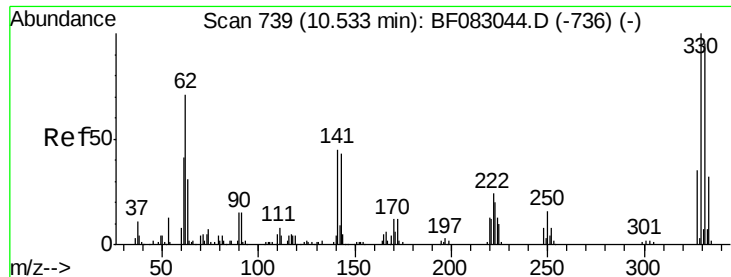
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	80.5	120.7
160	45.2	35.0	52.4



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

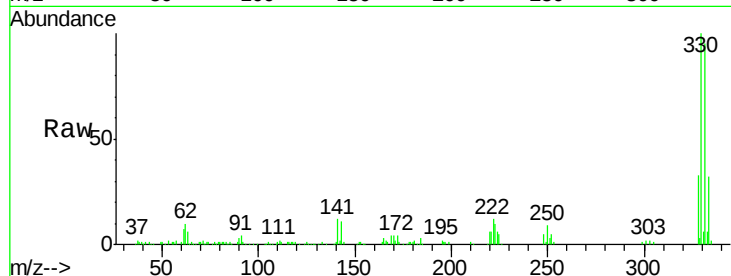




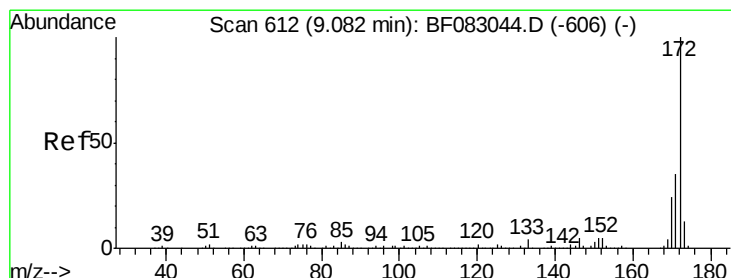
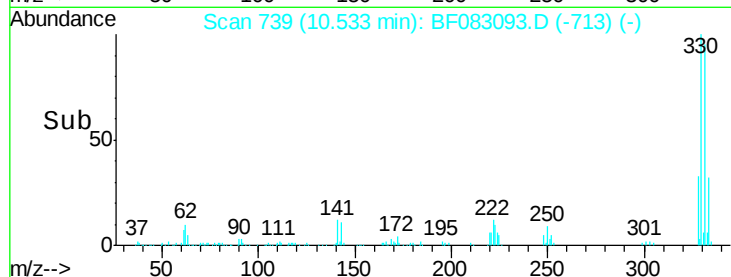
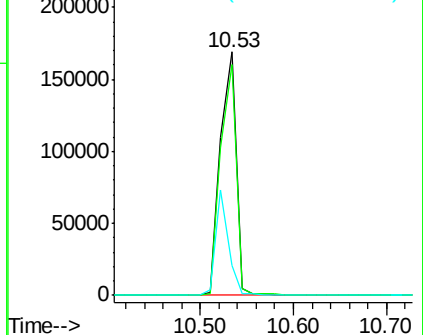
#41
 2,4,6-Tribromophenol
 Concen: 71.86 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083093.D
 Acq: 20 Nov 2015 21:29

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-10

Tot Ion:330 Resp: 198822
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.6 116.4
 141 35.3 34.6 52.0

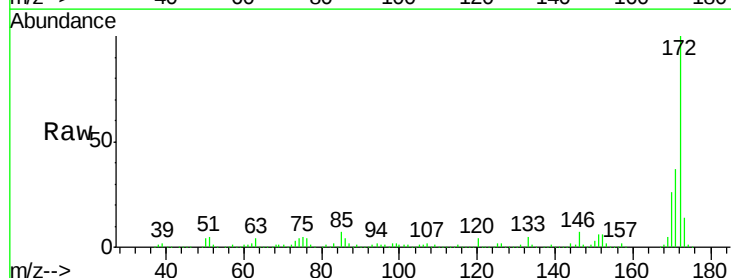


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

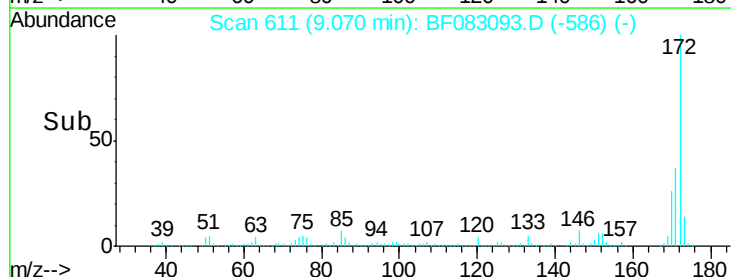
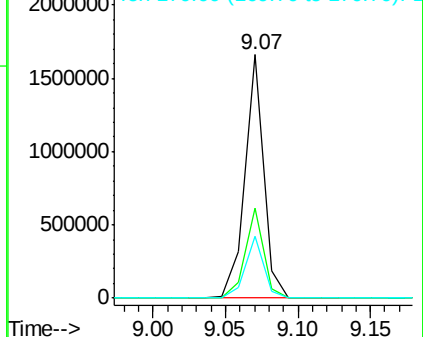


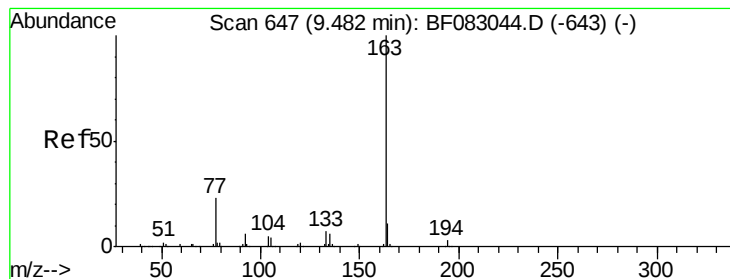
#44
 2-Fluorobiphenyl
 Concen: 77.33 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083093.D
 Acq: 20 Nov 2015 21:29

Tgt Ion:172 Resp: 1496390
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.2 42.4
 170 25.5 19.4 29.0



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: 18.75 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF083093.D

Acq: 20 Nov 2015 21:29

Instrument :

BNA_F

ClientSampleId :

RW-20151116-10

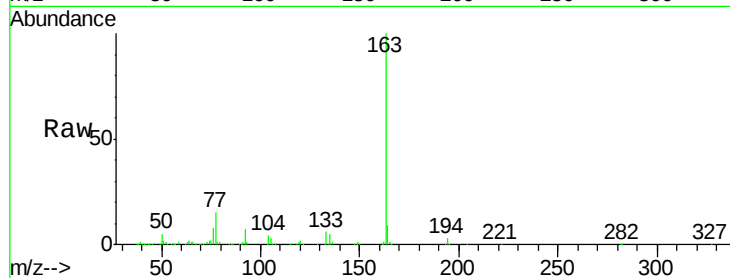
Tot Ion:163 Resp: 402260

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

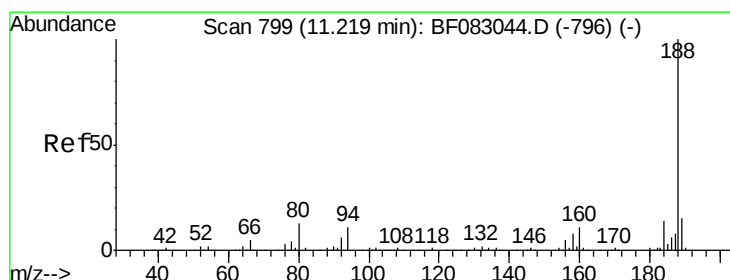
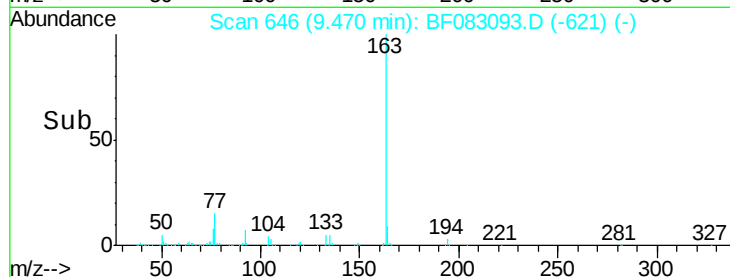
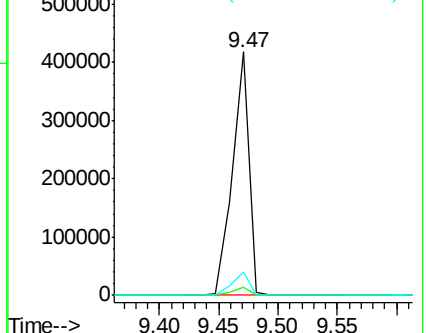
164 9.4 8.5 12.7



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF083093.D

Acq: 20 Nov 2015 21:29

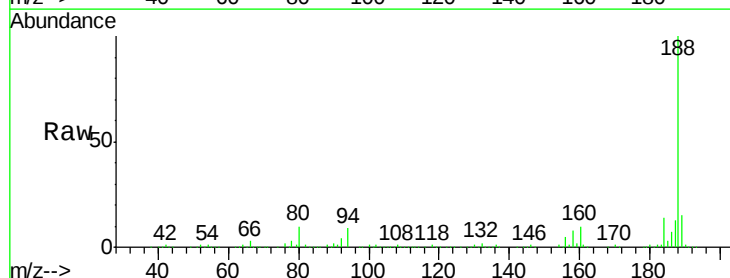
Tgt Ion:188 Resp: 435403

Ion Ratio Lower Upper

188 100

94 8.5 9.0 13.4#

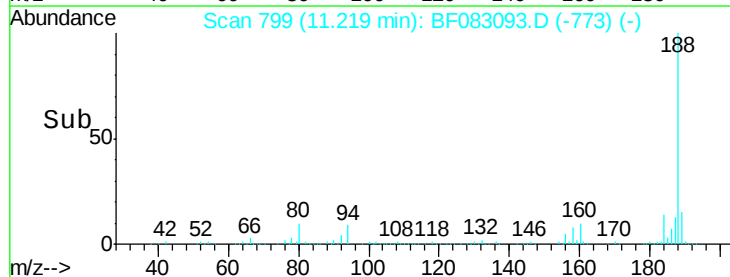
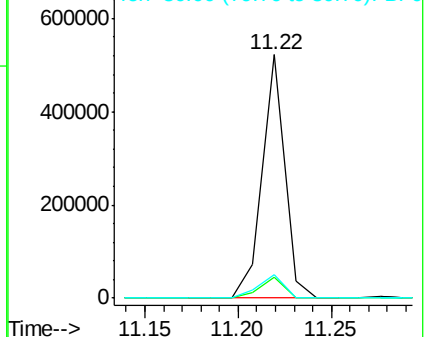
80 9.5 10.2 15.4#

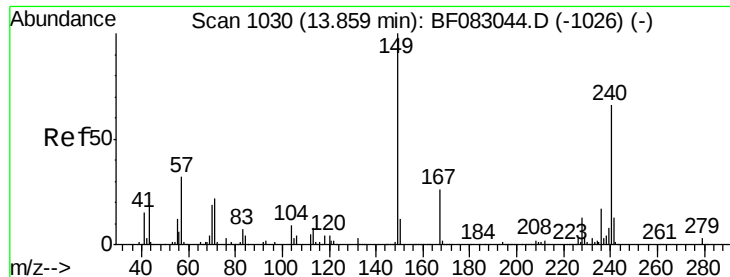


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF083093.D

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RW-20151116-10

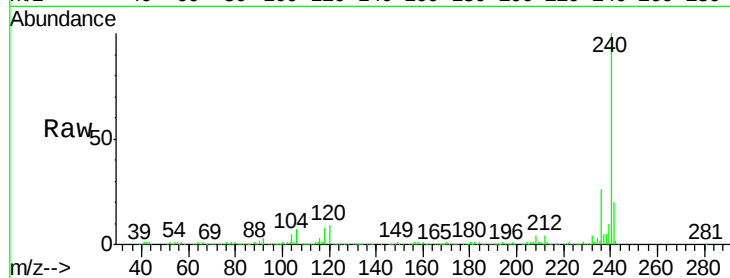
Tot Ion:240 Resp: 395439

Ion Ratio Lower Upper

240 100

120 9.2 5.3 7.9#

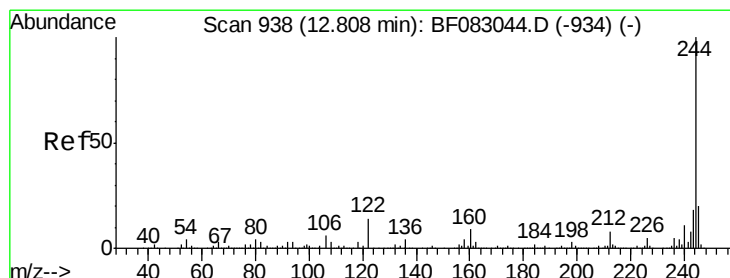
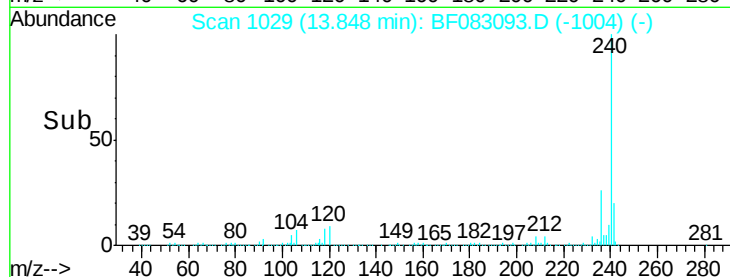
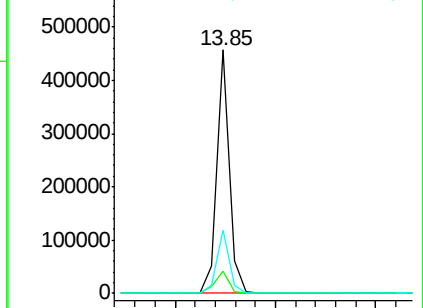
236 25.8 20.4 30.6



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: 67.76 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083093.D

Acq: 20 Nov 2015 21:29

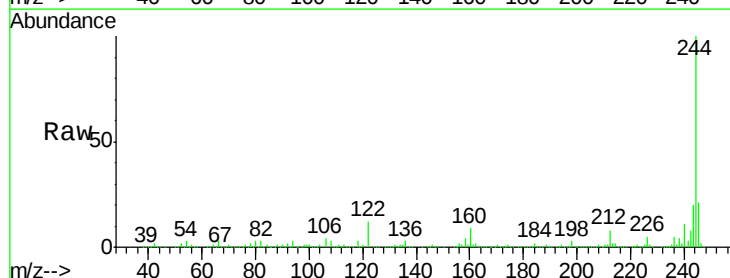
Tgt Ion:244 Resp: 1135028

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

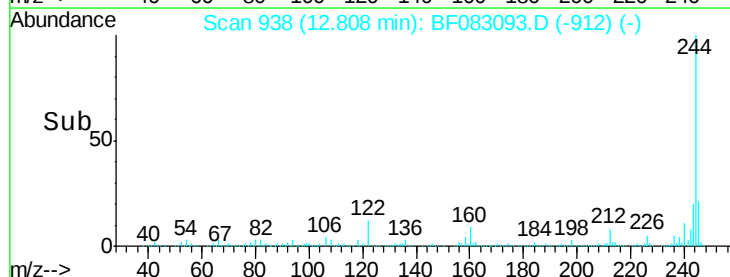
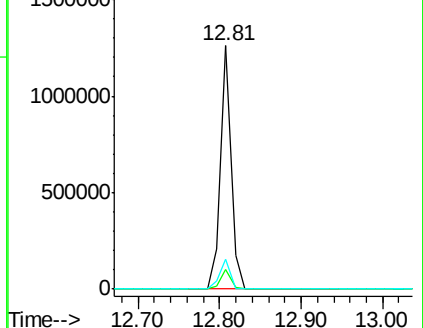
122 12.0 10.9 16.3

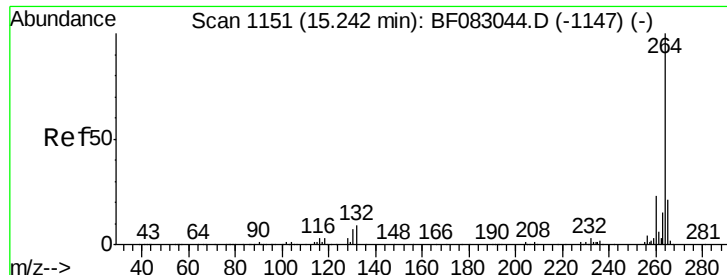


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

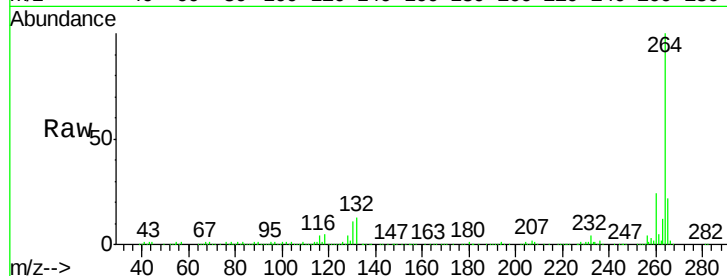




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083093.D
 Acq: 20 Nov 2015 21:29

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.7	17.0	25.6



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

