

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083940.D
 Acq On : 19 Dec 2015 4:16
 Operator : UM/SJ
 Sample : G4840-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-40

Quant Time: Dec 19 05:49:41 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

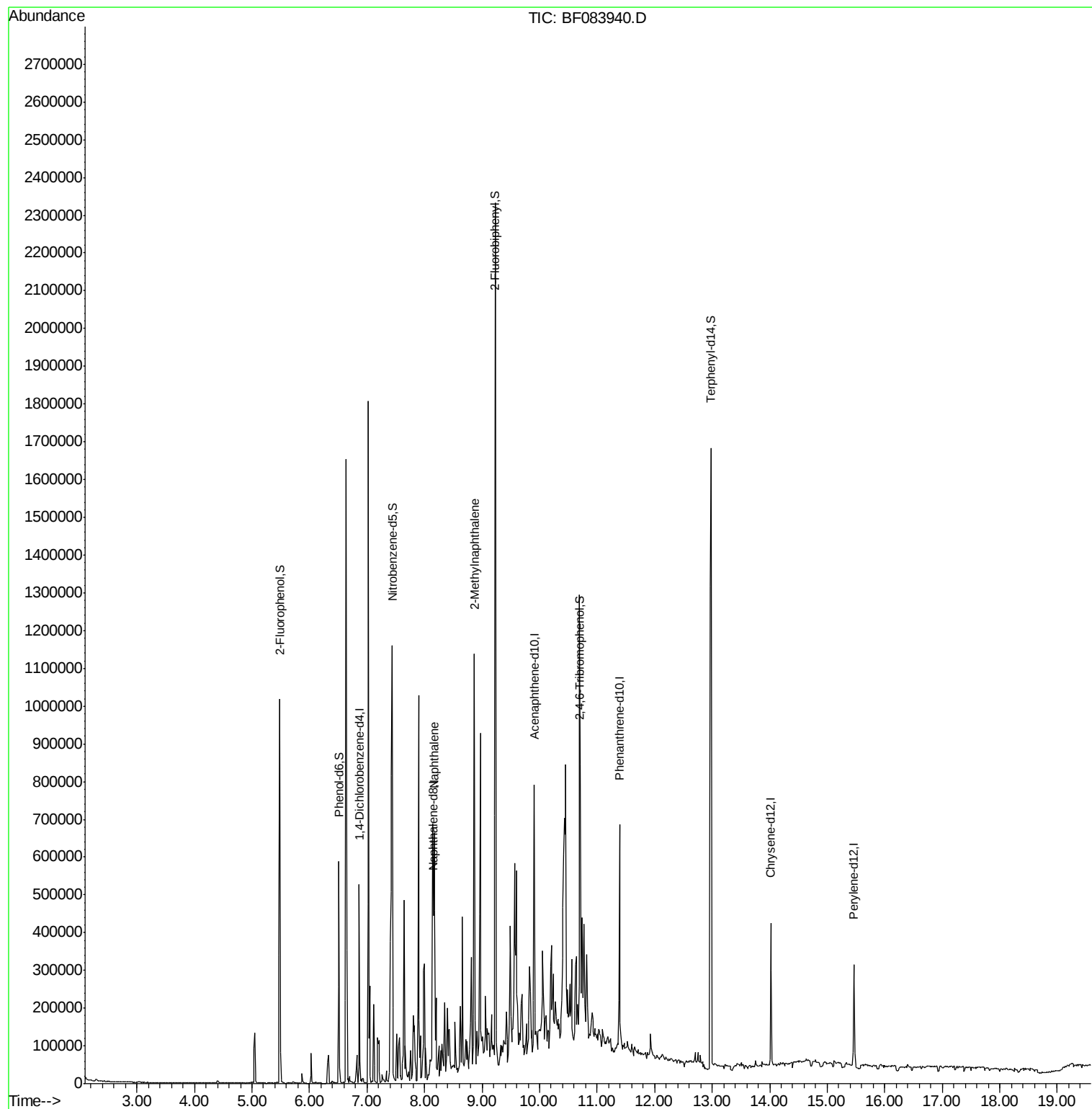
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	73048	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	267828	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	127402	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	204643	20.00	ng	0.00
75) Chrysene-d12	14.02	240	161908	20.00	ng	-0.01
86) Perylene-d12	15.46	264	141334	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	299543	64.17	ng	0.00
7) Phenol-d6	6.51	99	233704	40.90	ng	0.00
23) Nitrobenzene-d5	7.44	82	451567	96.23	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	180118	128.33	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	691619	74.80	ng	-0.01
78) Terphenyl-d14	12.98	244	681389	99.46	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.17	128	293409	20.55	ng	99
37) 2-Methylnaphthalene	8.86	142	276354	29.69	ng	98

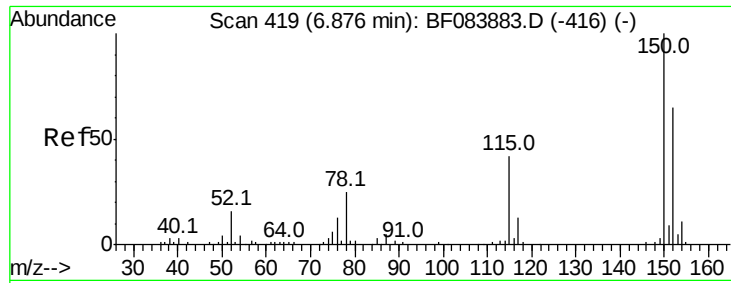
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 18 14:23:22 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF083940.D

Acq: 19 Dec 2015 4:16

Instrument :

BNA_F

ClientSampleId :

W-40

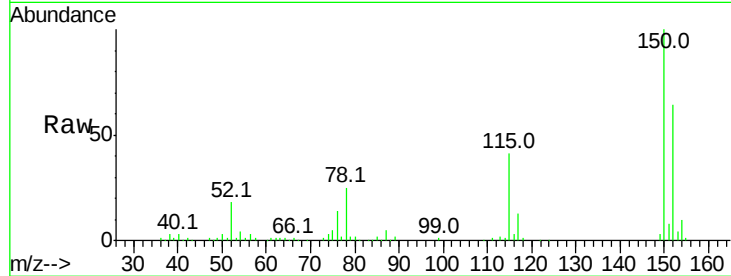
Tot Ion:152 Resp: 73048

Ion Ratio Lower Upper

152 100

150 157.2 123.0 184.4

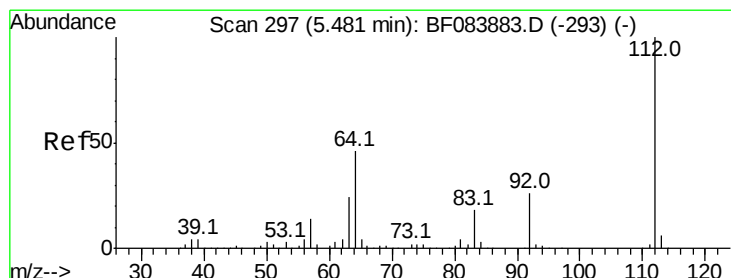
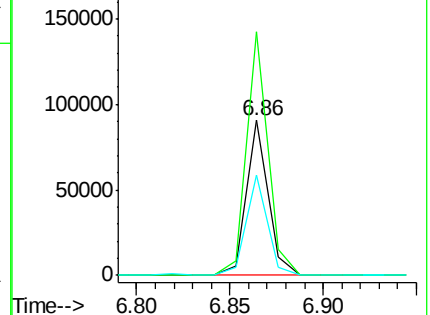
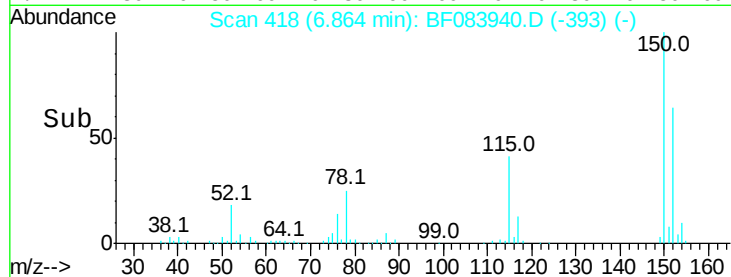
115 65.0 51.4 77.2



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: 64.17 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF083940.D

Acq: 19 Dec 2015 4:16

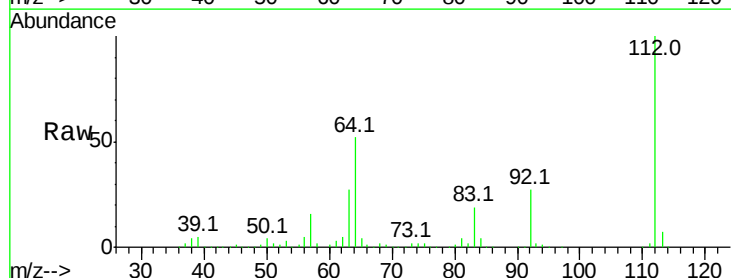
Tgt Ion:112 Resp: 299543

Ion Ratio Lower Upper

112 100

64 51.8 36.6 55.0

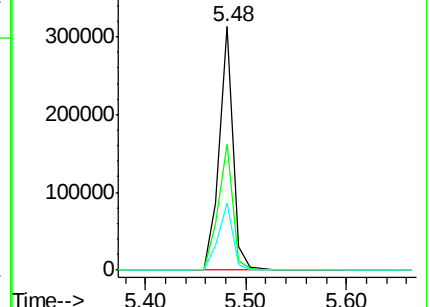
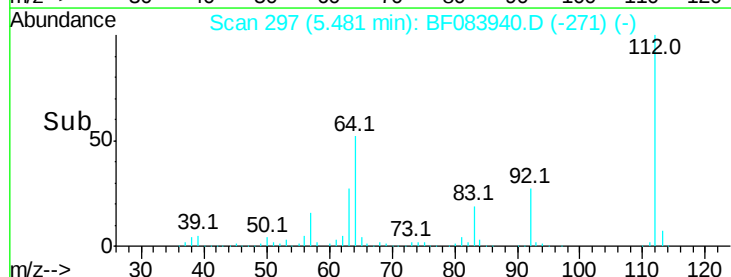
63 27.3 19.4 29.0

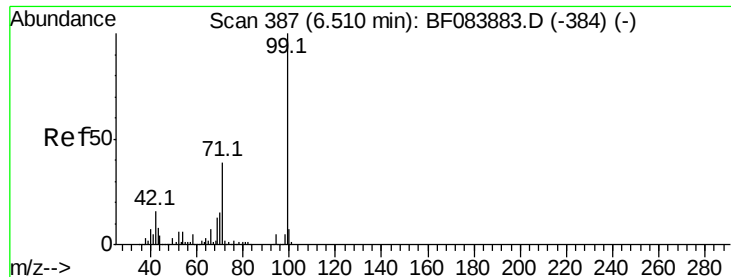


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.90 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083940.D

Acq: 19 Dec 2015 4:16

Instrument :

BNA_F

ClientSampleId :

W-40

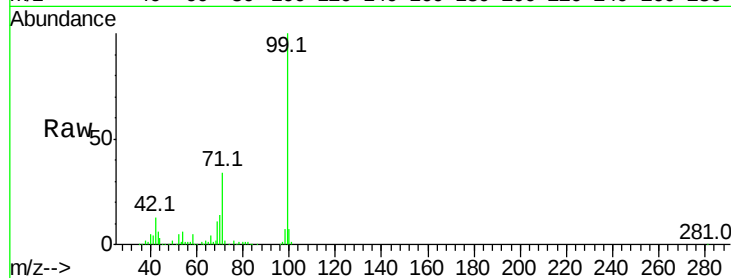
Tot Ion: 99 Resp: 233704

Ion Ratio Lower Upper

99 100

42 12.7 12.8 19.2#

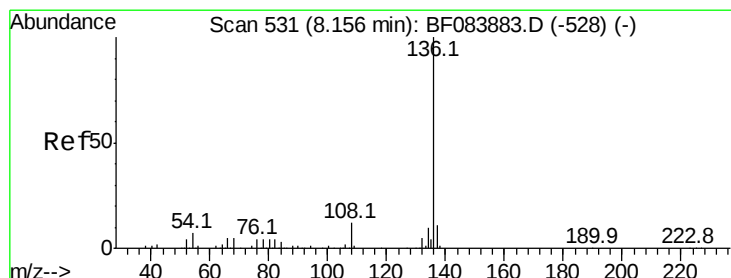
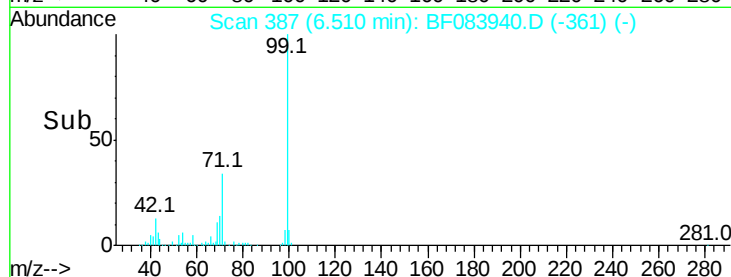
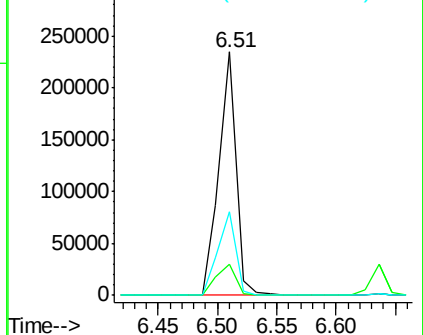
71 34.3 30.9 46.3



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: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF083940.D

Acq: 19 Dec 2015 4:16

Tgt Ion: 136 Resp: 267828

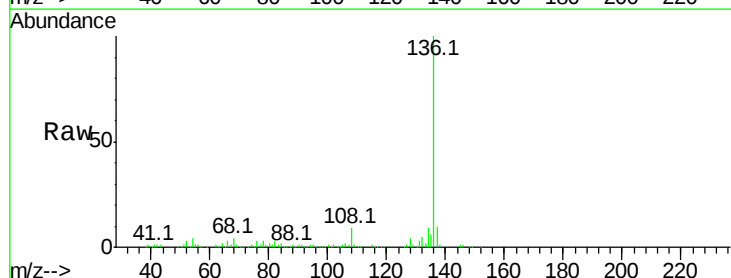
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 4.2 5.8 8.8#

68 3.8 4.2 6.2#

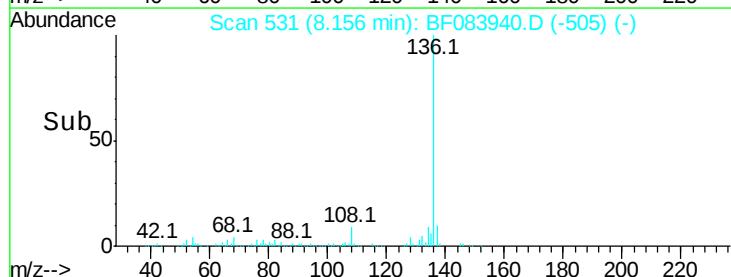
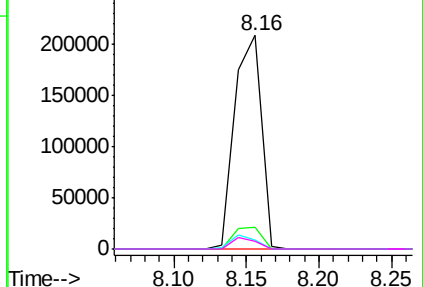


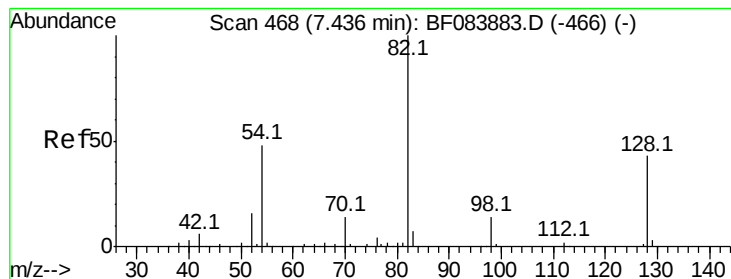
Abundance Ion 136.00 (135.70 to 136.70): E

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

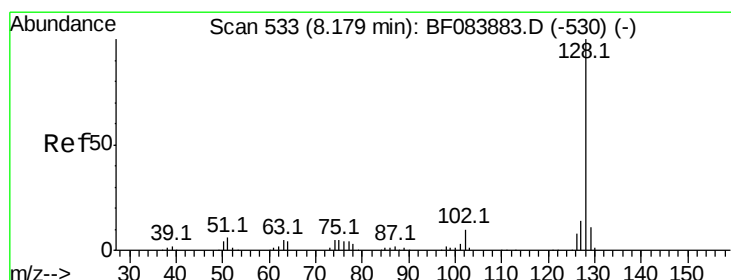
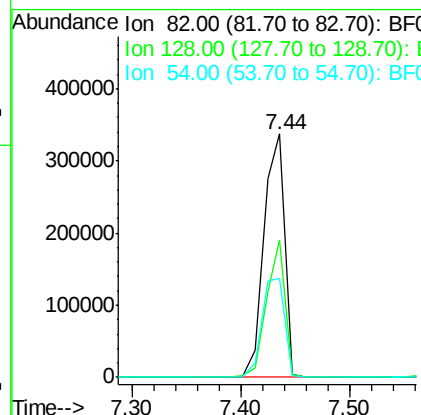
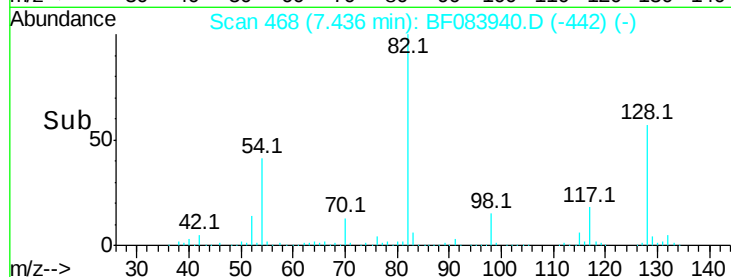
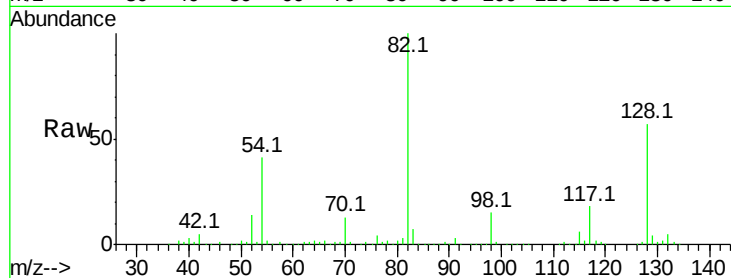




#23
 Nitrobenzene-d5
 Concen: 96.23 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF083940.D
 Acq: 19 Dec 2015 4:16

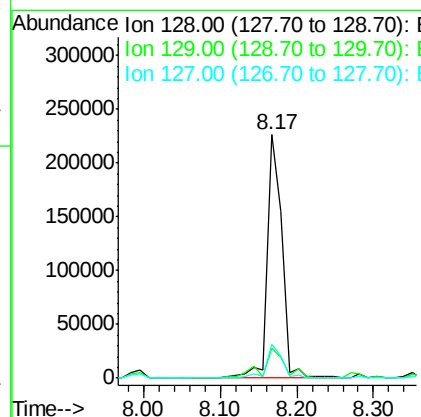
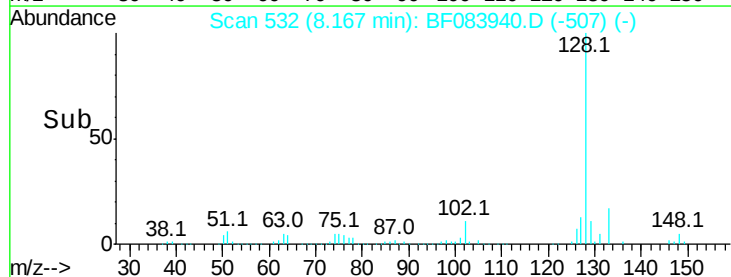
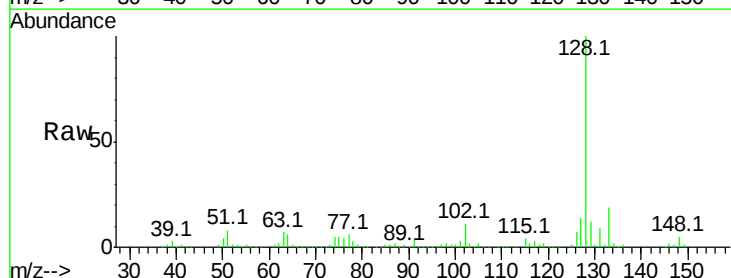
Instrument :
 BNA_F
 ClientSampleId :
 W-40

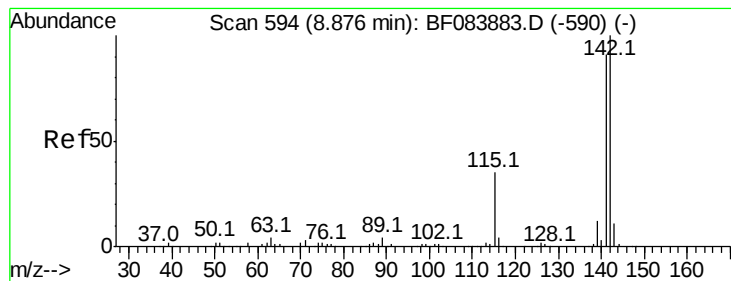
Tot Ion: 82 Resp: 451567
 Ion Ratio Lower Upper
 82 100
 128 56.7 34.6 51.8#
 54 40.7 38.4 57.6



#31
 Naphthalene
 Concen: 20.55 ng
 RT: 8.17 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF083940.D
 Acq: 19 Dec 2015 4:16

Tgt Ion: 128 Resp: 293409
 Ion Ratio Lower Upper
 128 100
 129 12.3 9.1 13.7
 127 13.9 11.1 16.7

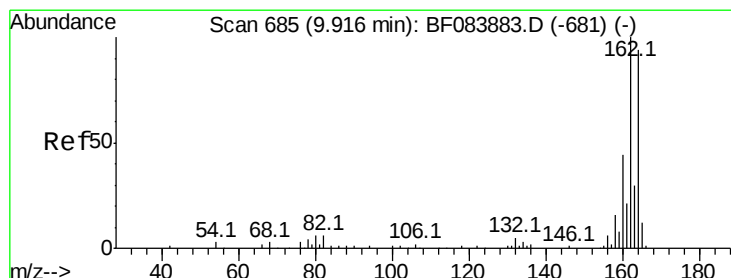
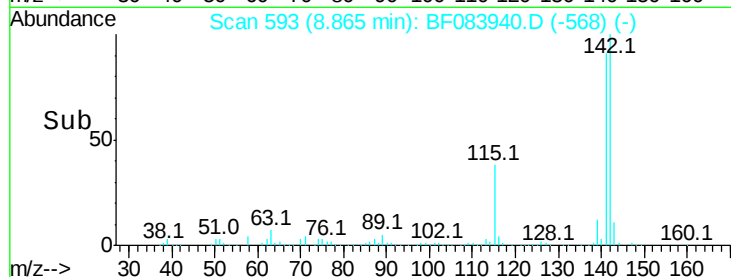
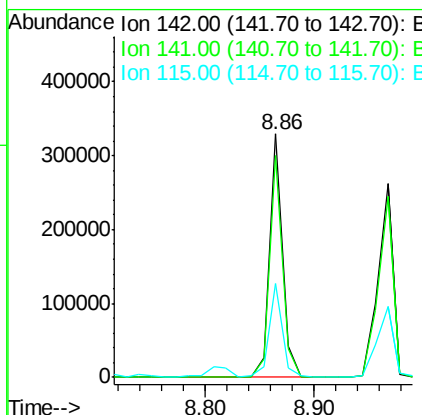
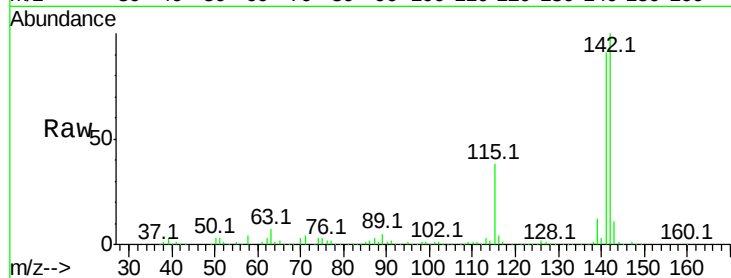




#37
2-Methylnaphthalene
Concen: 29.69 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF083940.D
Acq: 19 Dec 2015 4:16

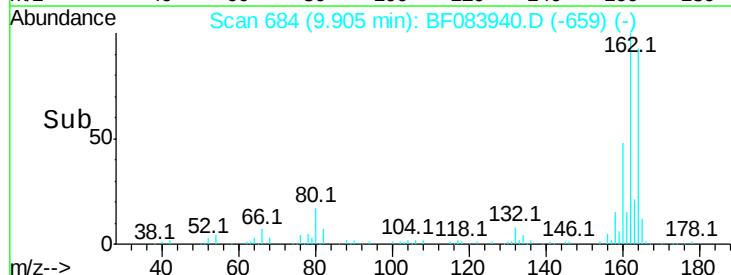
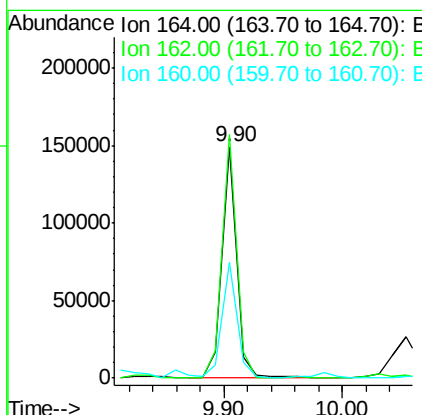
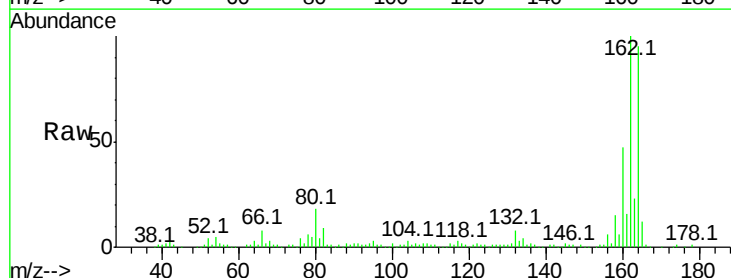
Instrument :
BNA_F
ClientSampleId :
W-40

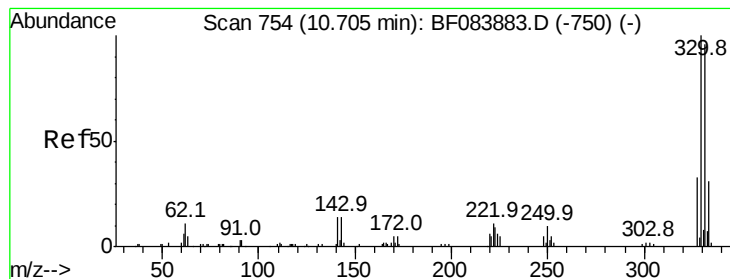
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.4	108.6
115	38.5	27.9	41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083940.D
Acq: 19 Dec 2015 4:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.1	127.7
160	50.0	37.5	56.3





#41

2,4,6-Tribromophenol

Concen: 128.33 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF083940.D

Acq: 19 Dec 2015 4:16

Instrument :

BNA_F

ClientSampleId :

W-40

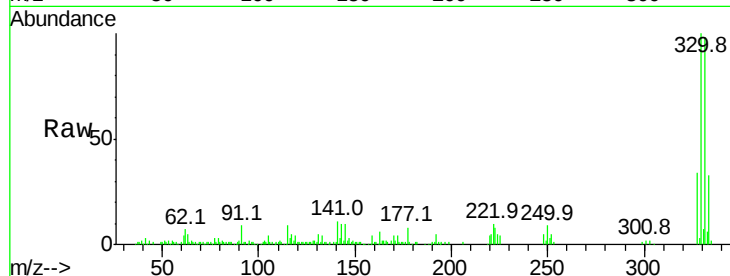
Tot Ion:330 Resp: 180118

Ion Ratio Lower Upper

330 100

332 97.8 76.6 114.8

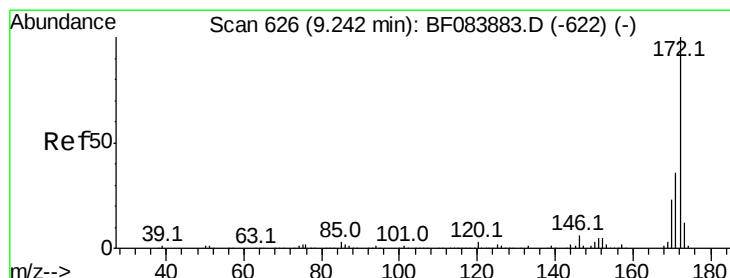
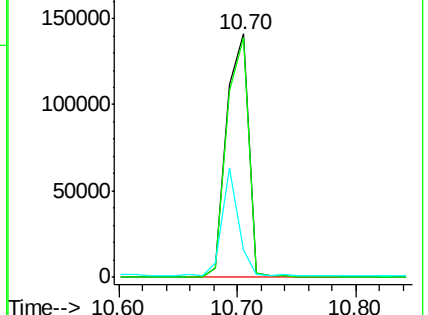
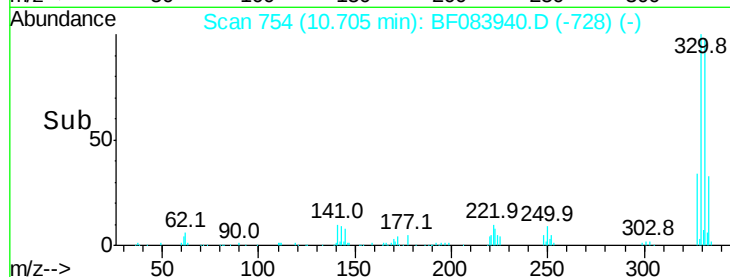
141 33.7 27.8 41.6



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: 74.80 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF083940.D

Acq: 19 Dec 2015 4:16

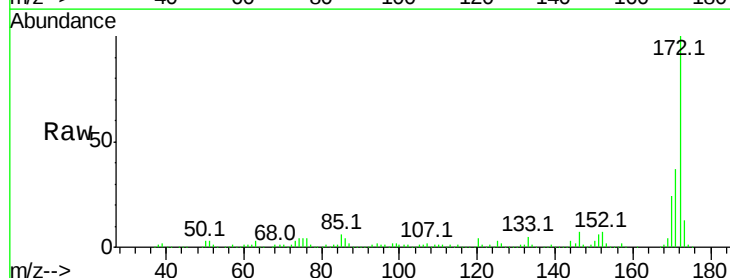
Tgt Ion:172 Resp: 691619

Ion Ratio Lower Upper

172 100

171 36.9 28.9 43.3

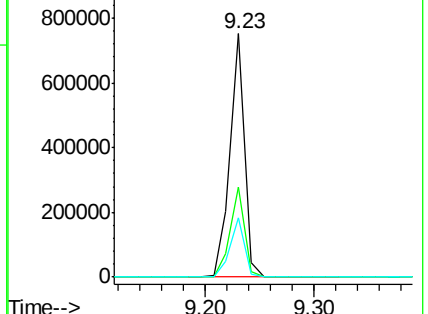
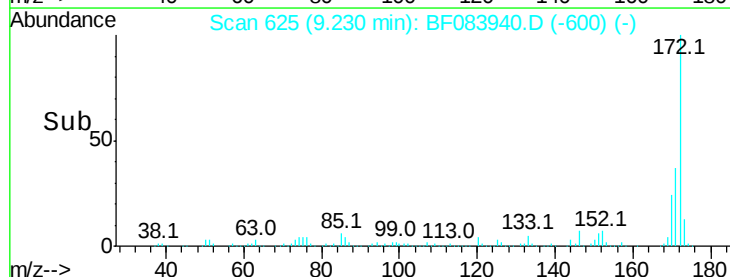
170 24.3 18.6 27.8

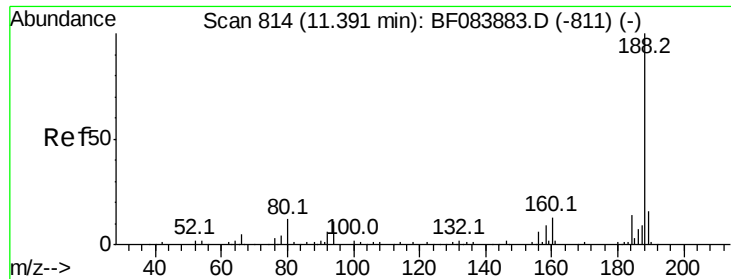


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

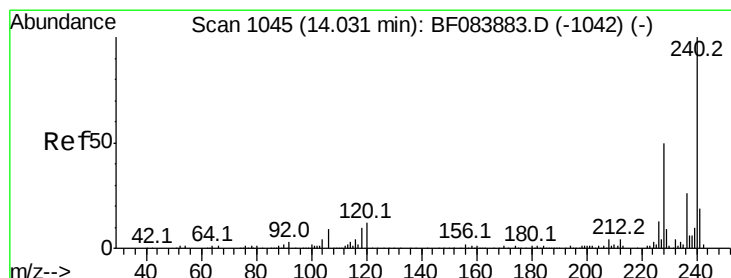
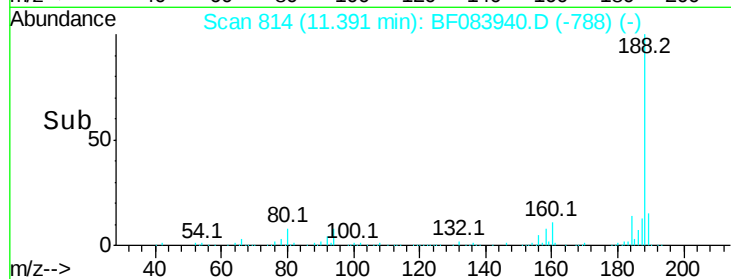
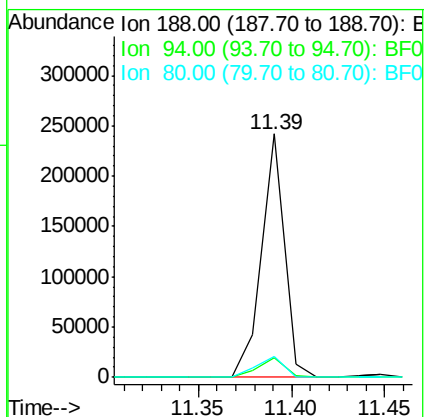
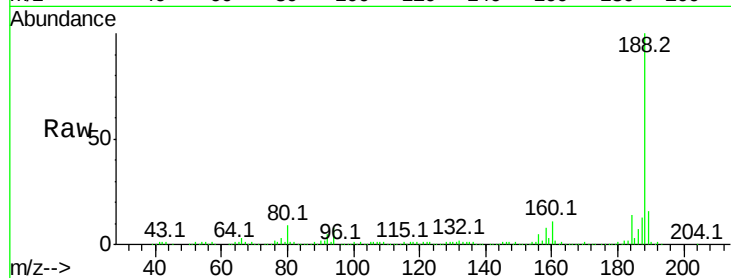




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083940.D
Acq: 19 Dec 2015 4:16

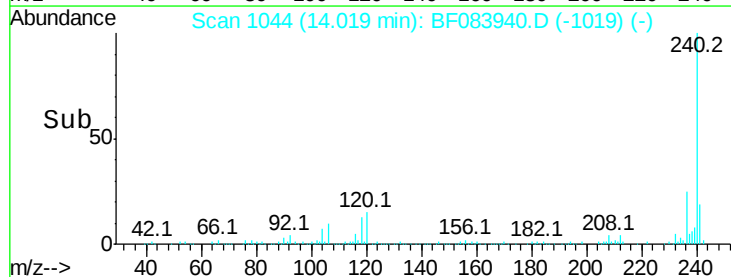
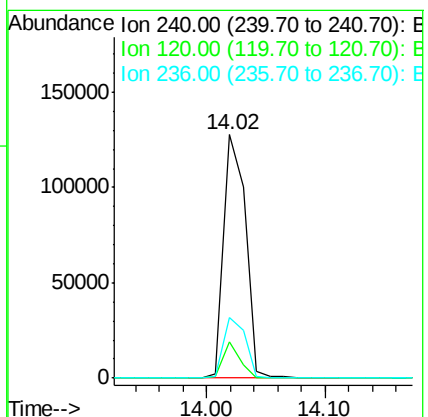
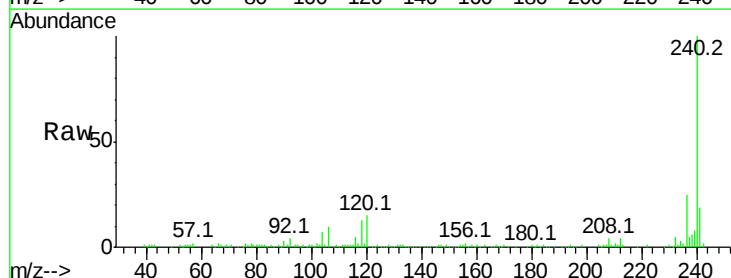
Instrument :
BNA_F
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W-40

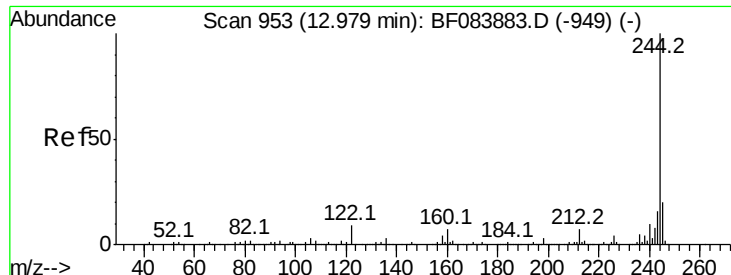
Tot Ion:188 Resp: 204643
Ion Ratio Lower Upper
188 100
94 8.0 9.0 13.4#
80 8.7 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF083940.D
Acq: 19 Dec 2015 4:16

Tgt Ion:240 Resp: 161908
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 24.7 20.6 31.0





#78

Terphenyl-d14

Concen: 99.46 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF083940.D

Acq: 19 Dec 2015 4:16

Instrument :

BNA_F

ClientSampleId :

W-40

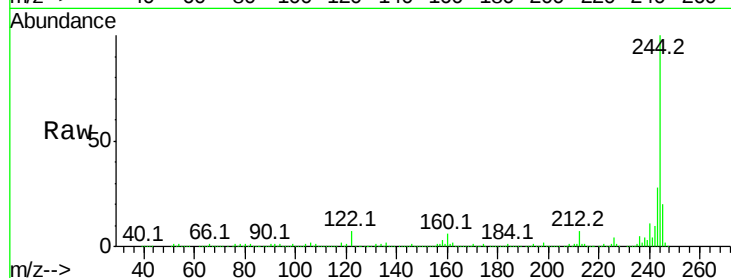
Tot Ion:244 Resp: 681389

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

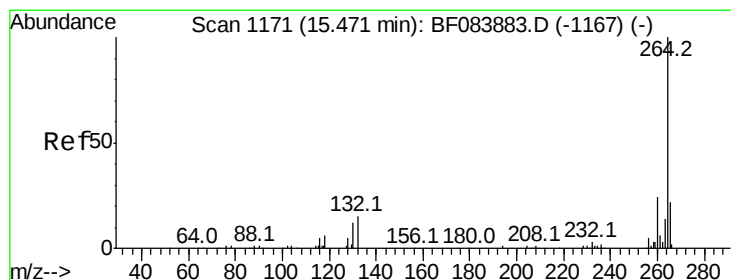
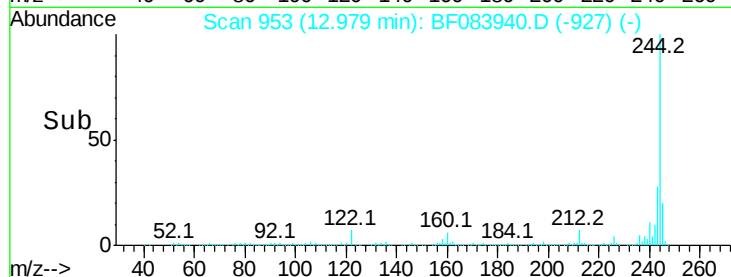
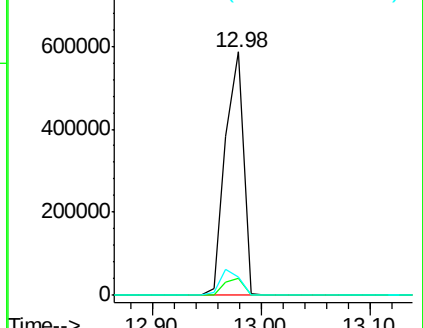
122 7.4 7.4 11.0



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: 15.46 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF083940.D

Acq: 19 Dec 2015 4:16

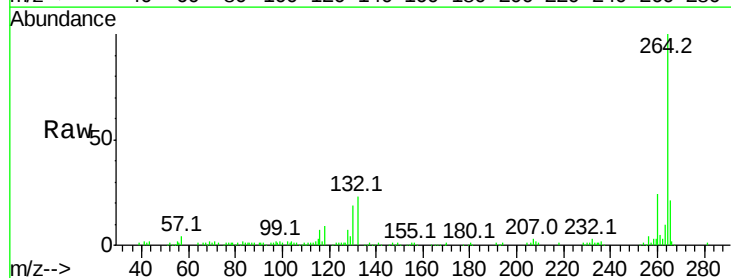
Tgt Ion:264 Resp: 141334

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.2 17.8 26.6



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

