

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
 Data File : BF087691.D
 Acq On : 5 Jun 2016 6:10
 Operator : UM/SJ
 Sample : H3344-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Quant Time: Jun 06 01:24:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

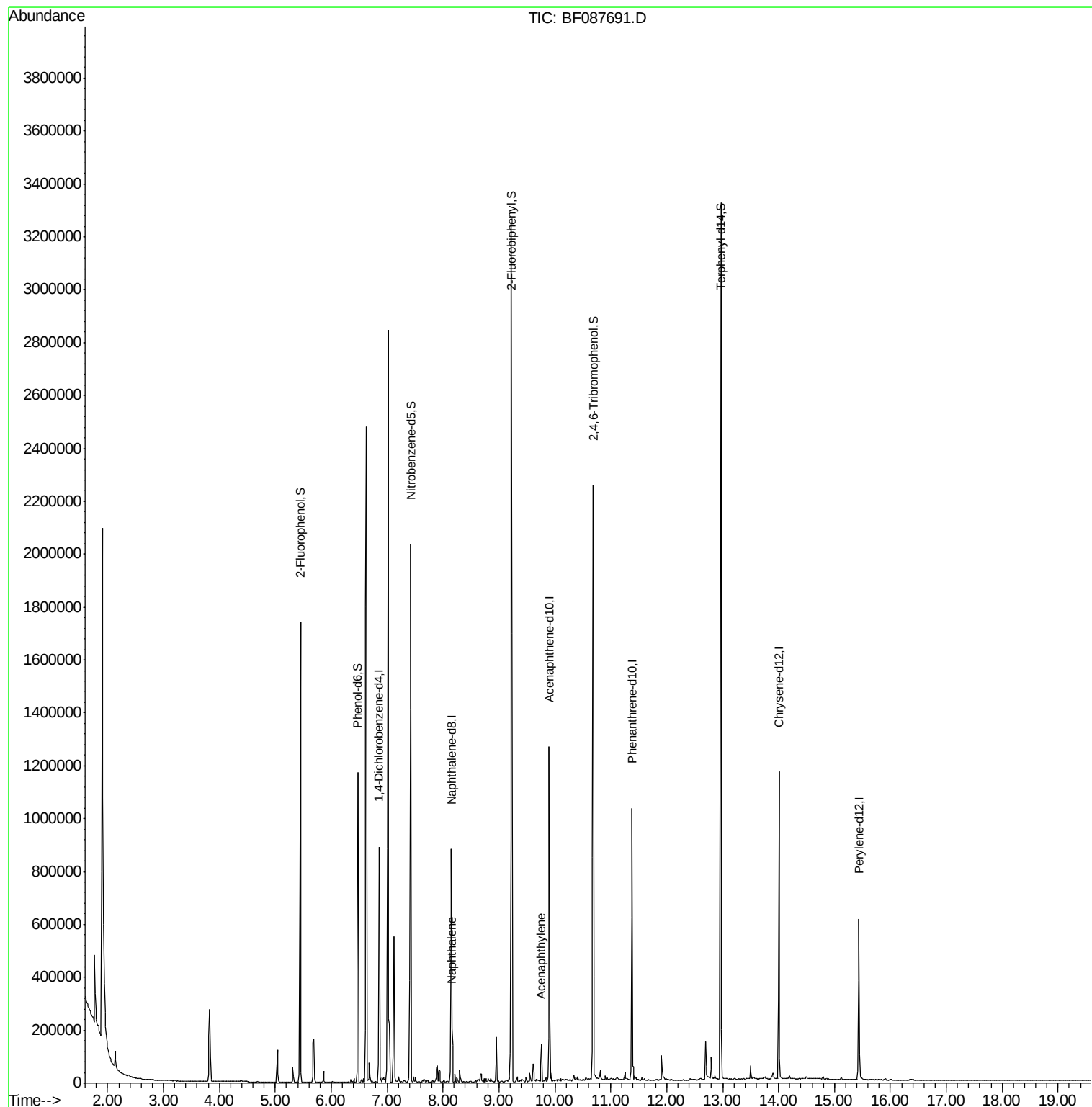
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	126429	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	516904	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	241956	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	455583	20.00	ng	0.00
75) Chrysene-d12	14.01	240	379767	20.00	ng	-0.01
86) Perylene-d12	15.44	264	285827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	489528	62.58	ng	0.00
7) Phenol-d6	6.48	99	421180	42.94	ng	-0.01
23) Nitrobenzene-d5	7.43	82	902064	100.97	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	312876	128.82	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1425217	93.43	ng	-0.01
78) Terphenyl-d14	12.97	244	1116596	71.74	ng	0.00
Target Compounds						
31) Naphthalene	8.16	128	120782	4.81	ng	99
48) Acenaphthylene	9.76	152	66251	2.72	ng	99

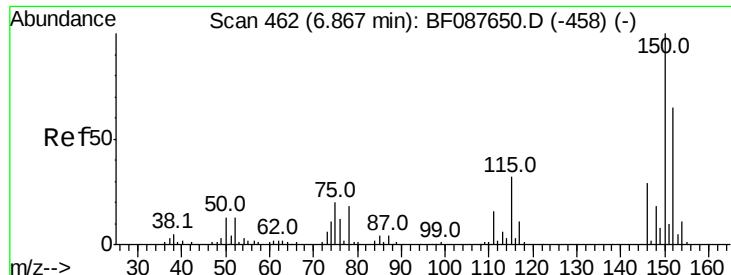
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087691.D
Acq On : 5 Jun 2016 6:10
Operator : UM/SJ
Sample : H3344-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

Quant Time: Jun 06 01:24:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087691.D

Acq: 5 Jun 2016 6:10

Instrument :

BNA_F

ClientSampleId :

MW-9

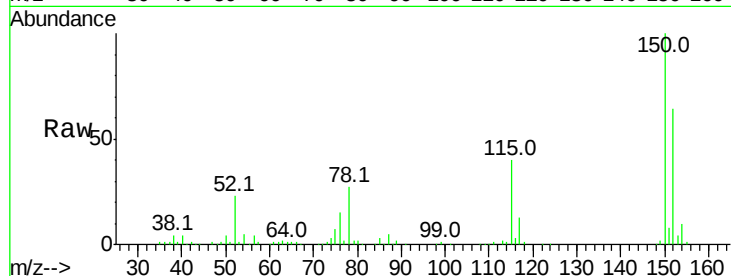
Tot Ion:152 Resp: 126429

Ion Ratio Lower Upper

152 100

150 155.9 123.8 185.6

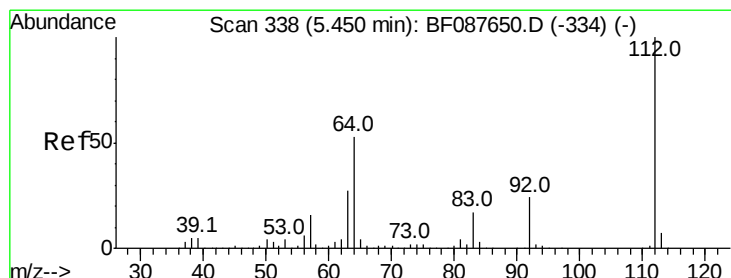
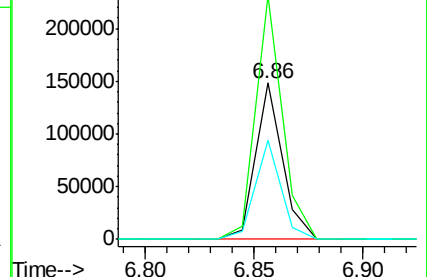
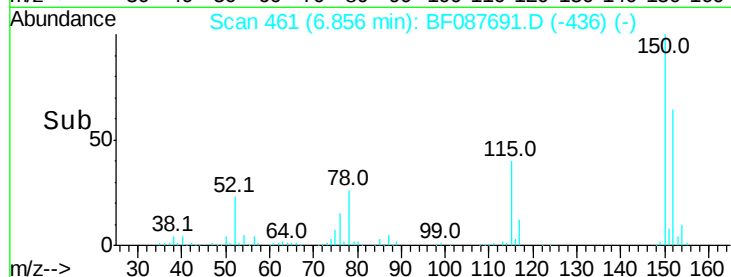
115 63.1 39.6 59.4#



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: 62.58 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF087691.D

Acq: 5 Jun 2016 6:10

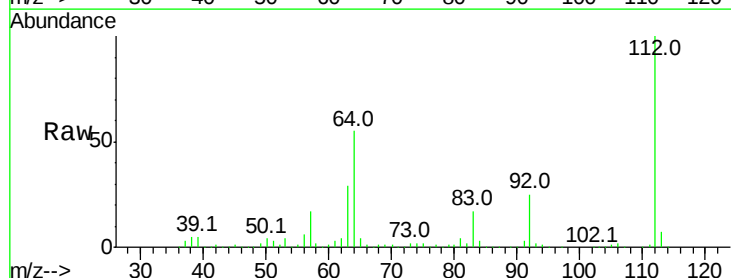
Tgt Ion:112 Resp: 489528

Ion Ratio Lower Upper

112 100

64 54.6 42.2 63.2

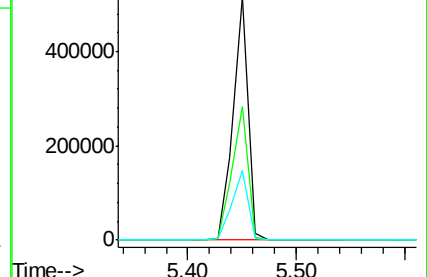
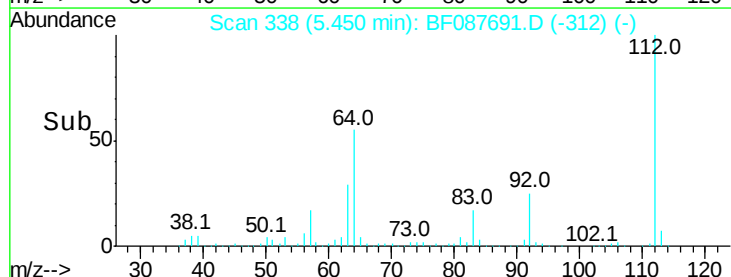
63 28.6 21.8 32.8

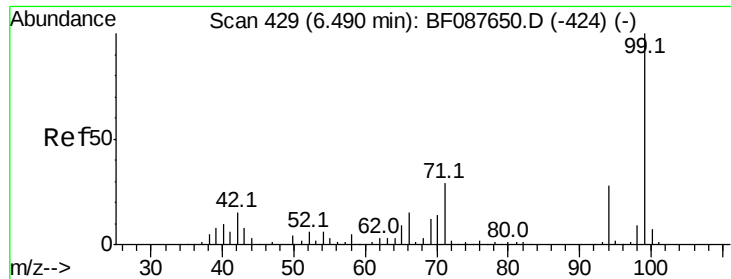


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.94 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087691.D

Acq: 5 Jun 2016 6:10

Instrument :

BNA_F

ClientSampleId :

MW-9

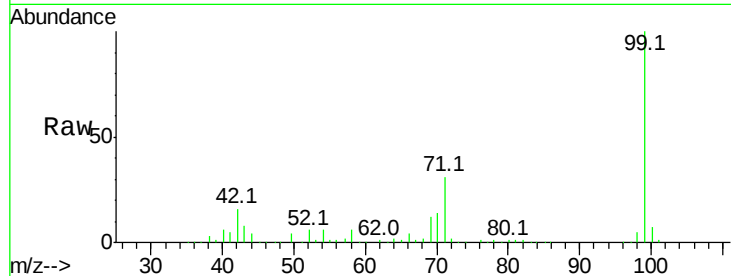
Tot Ion: 99 Resp: 421180

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.2

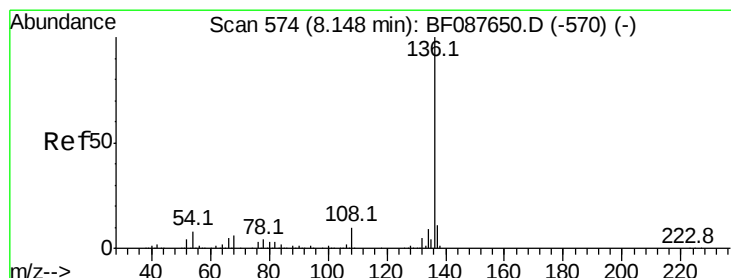
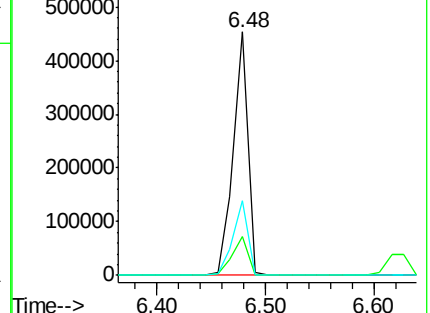
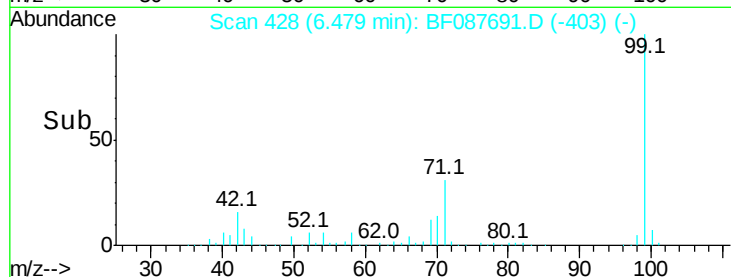
71 30.7 23.4 35.0



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: 8.15 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF087691.D

Acq: 5 Jun 2016 6:10

Tgt Ion: 136 Resp: 516904

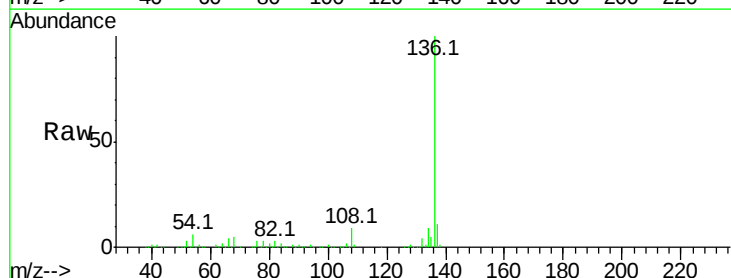
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.8 6.6 10.0#

68 4.8 5.1 7.7#

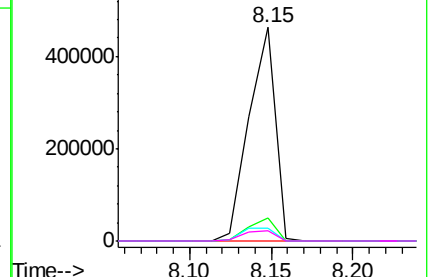
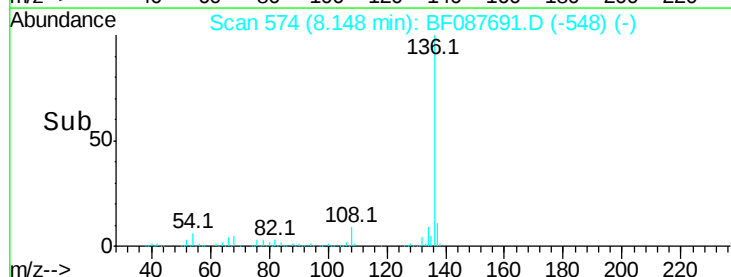


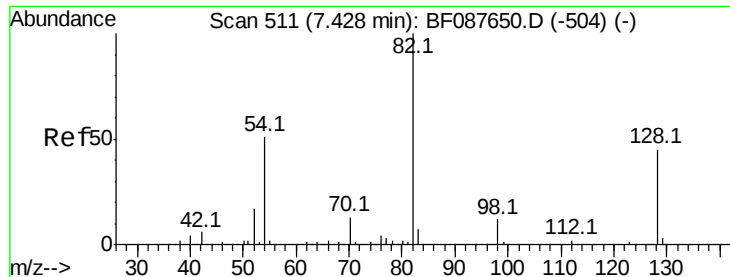
Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.97 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF087691.D

Acq: 5 Jun 2016 6:10

Instrument :

BNA_F

ClientSampleId :

MW-9

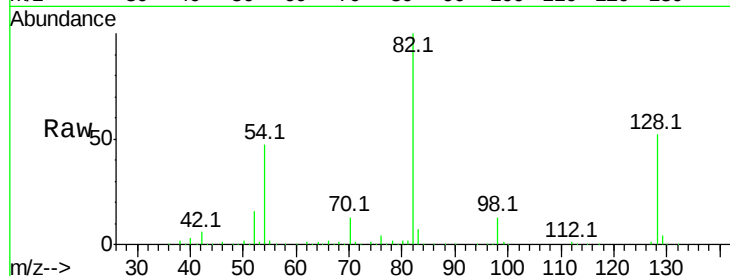
Tot Ion: 82 Resp: 902064

Ion Ratio Lower Upper

82 100

128 51.7 35.9 53.9

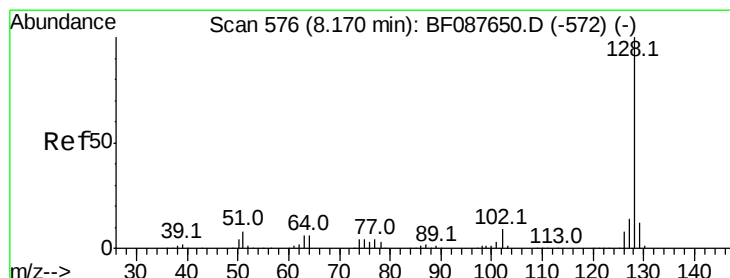
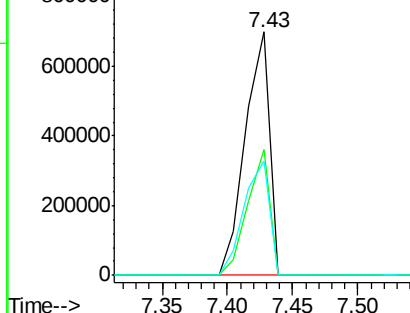
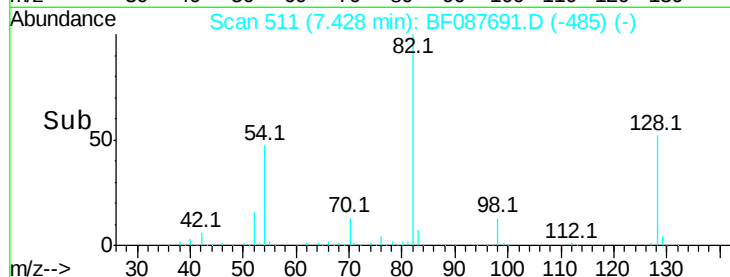
54 46.9 40.9 61.3



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



#31

Naphthalene

Concen: 4.81 ng

RT: 8.16 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF087691.D

Acq: 5 Jun 2016 6:10

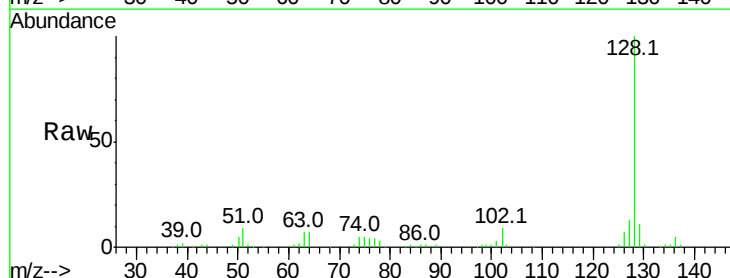
Tgt Ion:128 Resp: 120782

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

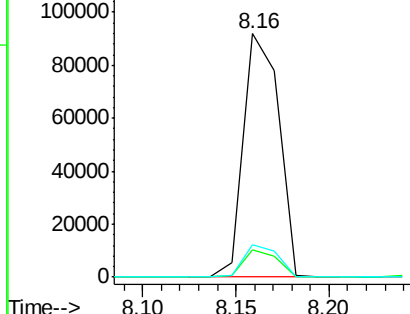
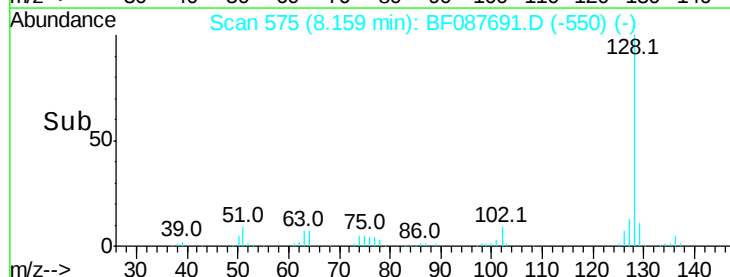
127 13.2 10.9 16.3

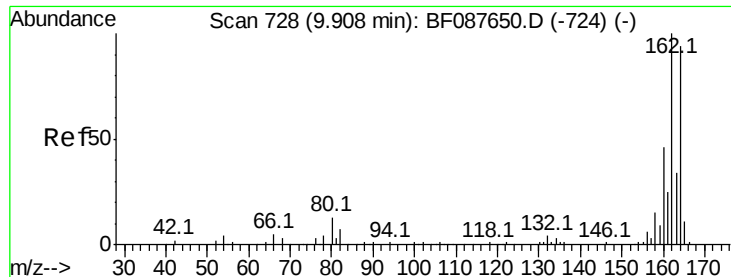


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

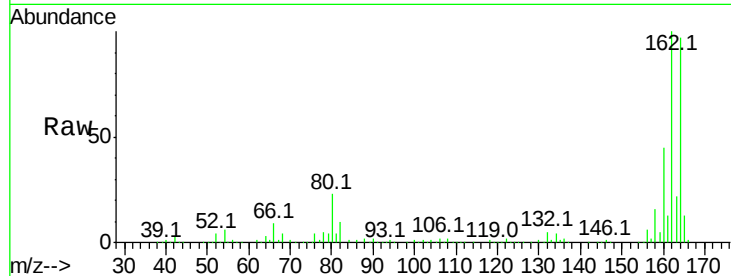




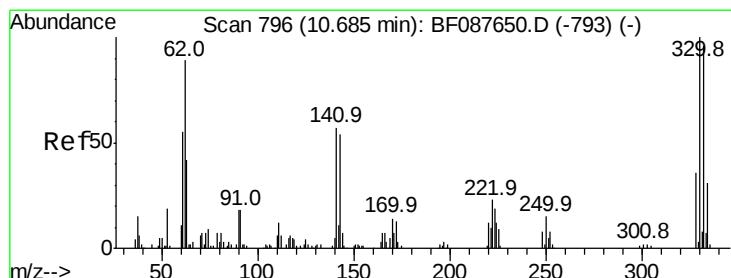
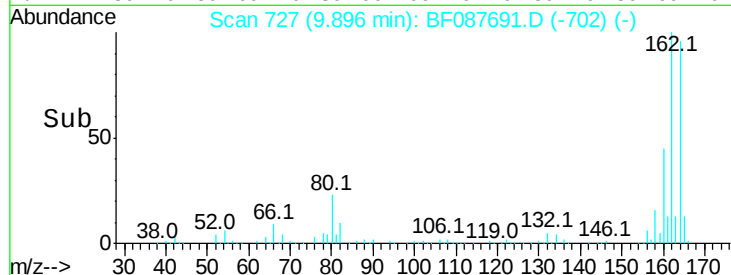
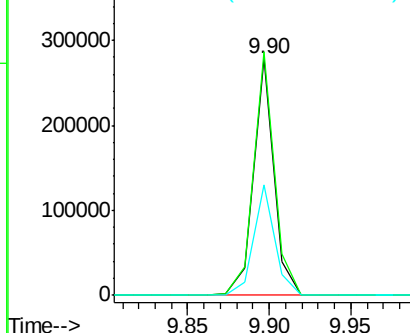
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Instrument :
BNA_F
ClientSampleId :
MW-9

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	85.4	128.2
160	46.7	39.5	59.3

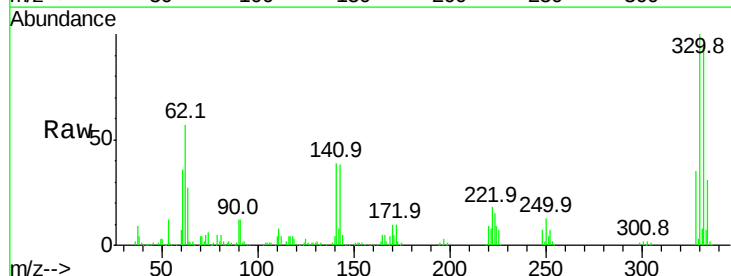


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

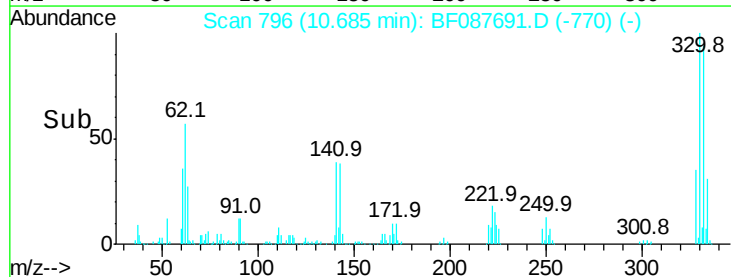
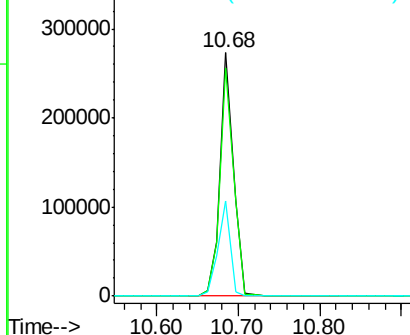


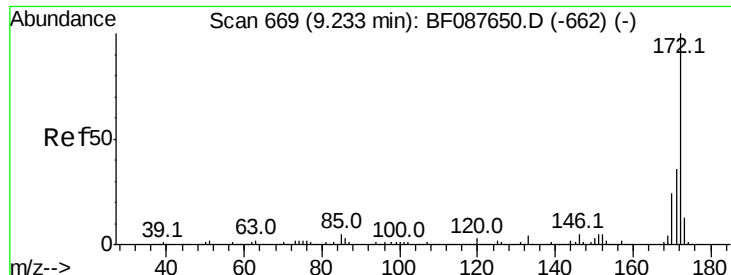
#41
2,4,6-Tribromophenol
Concen: 128.82 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	36.1	0.0	0.0#



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



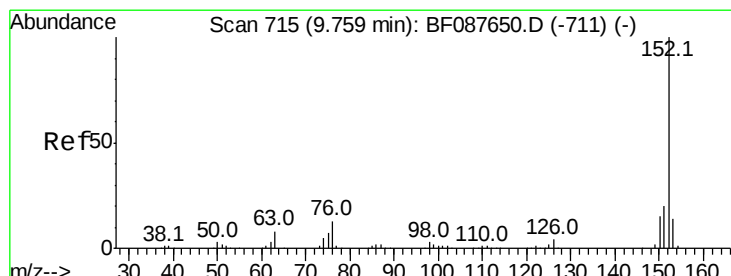
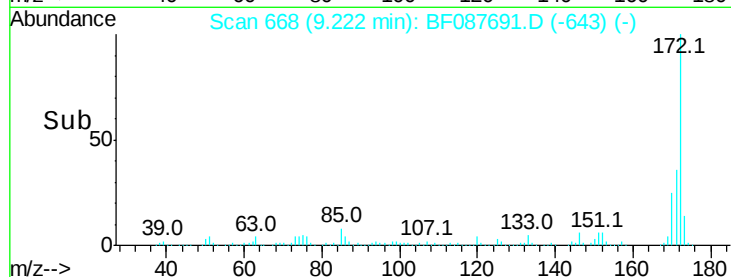
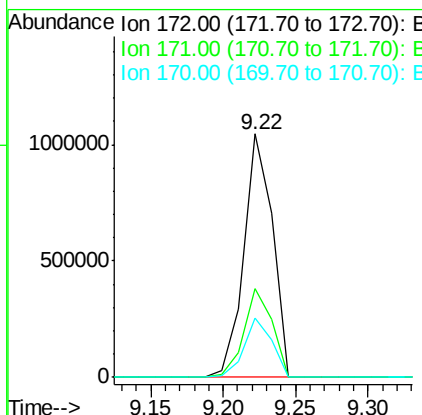
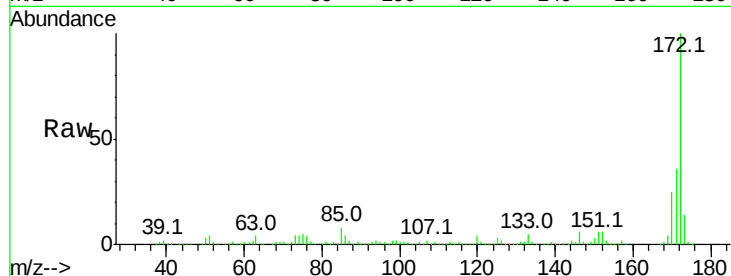


#44
 2-Fluorobiphenyl
 Concen: 93.43 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087691.D
 Acq: 5 Jun 2016 6:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Tot Ion:172 Resp: 1425217

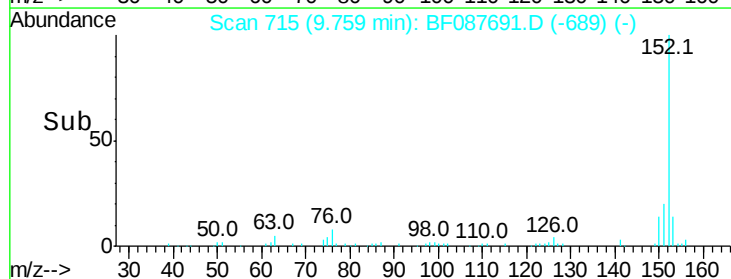
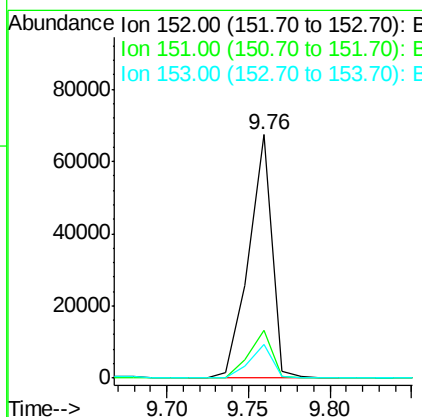
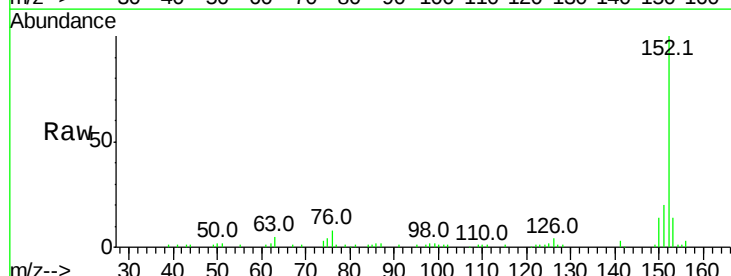
Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.5	19.2	28.8

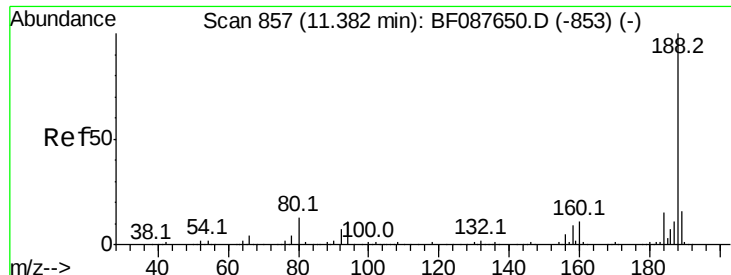


#48
 Acenaphthylene
 Concen: 2.72 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: BF087691.D
 Acq: 5 Jun 2016 6:10

Tgt Ion:152 Resp: 66251

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4
153	13.6	11.0	16.6

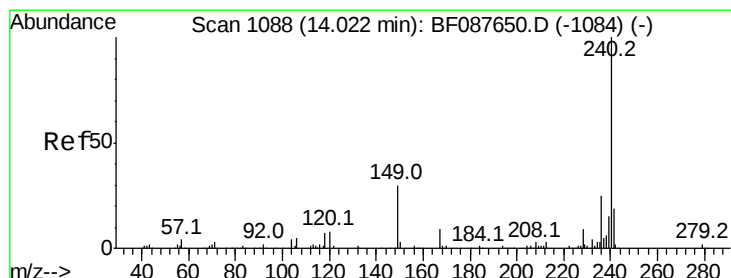
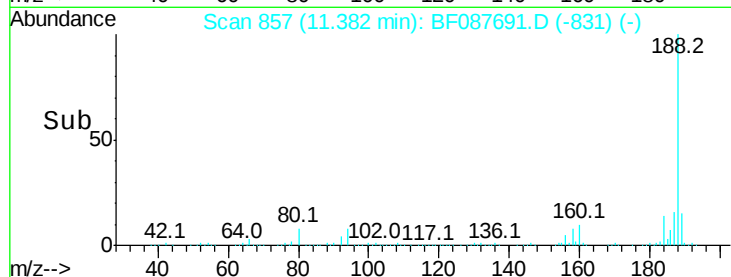
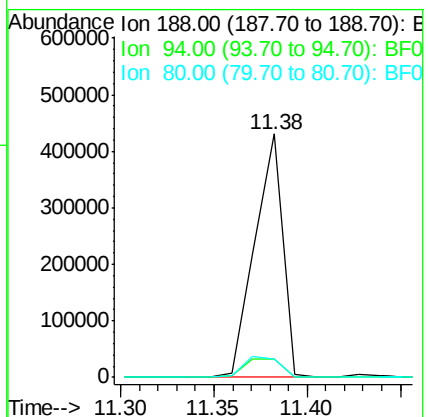
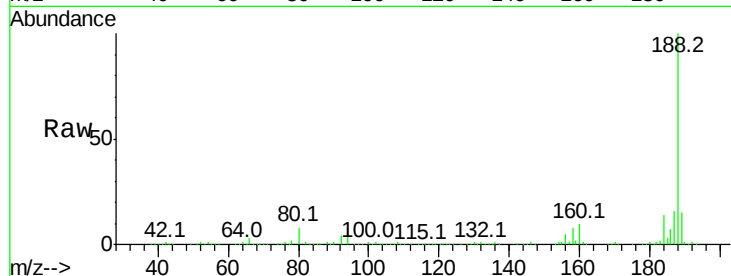




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

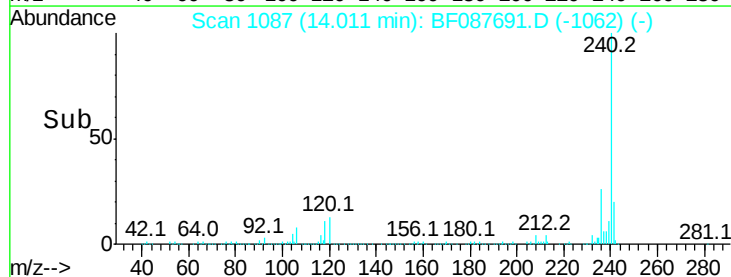
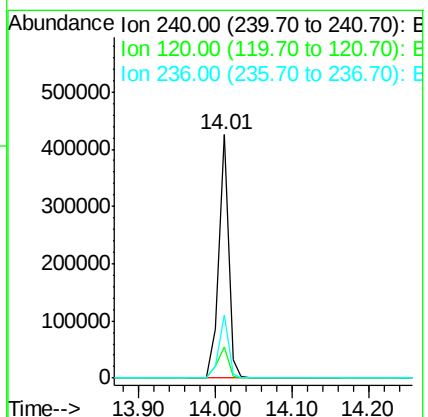
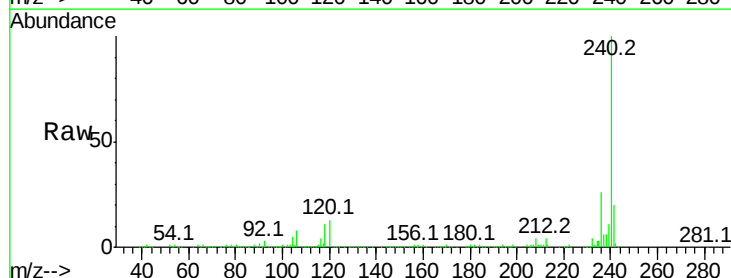
Instrument :
BNA_F
ClientSampleId :
MW-9

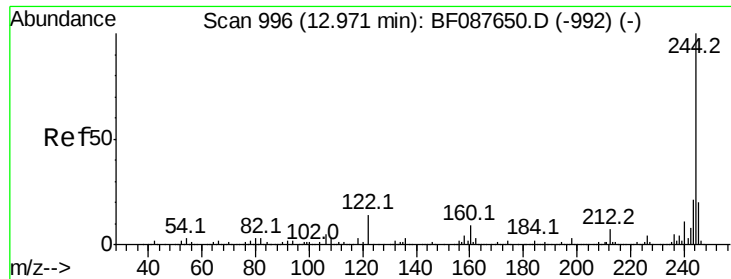
Tot Ion:188 Resp: 455583
Ion Ratio Lower Upper
188 100
94 7.6 9.0 13.6#
80 7.6 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF087691.D
Acq: 5 Jun 2016 6:10

Tgt Ion:240 Resp: 379767
Ion Ratio Lower Upper
240 100
120 12.8 6.8 10.2#
236 25.7 20.2 30.2

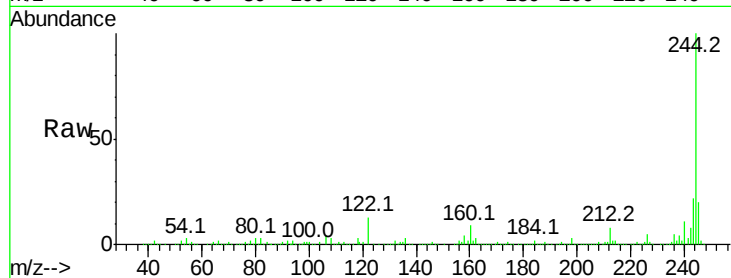




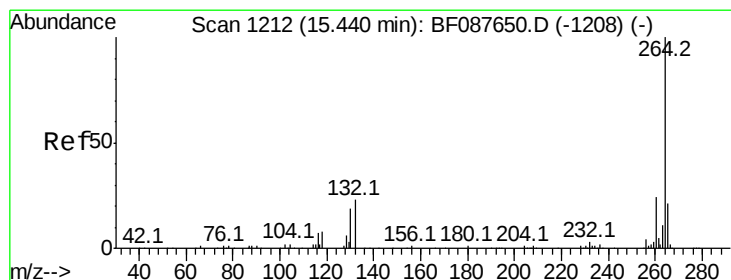
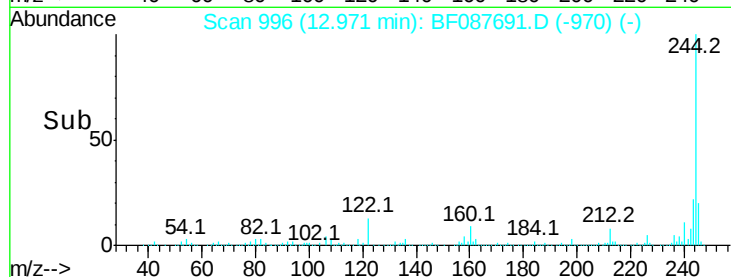
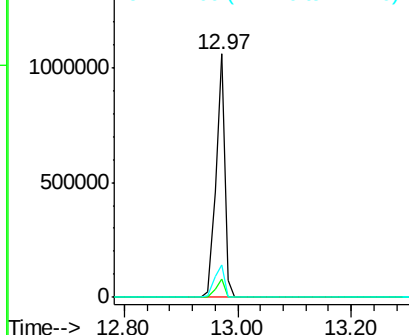
#78
 Terphenyl-d14
 Concen: 71.74 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087691.D
 Acq: 5 Jun 2016 6:10

Instrument :
 BNA_F
 ClientSampled :
 MW-9

Tot Ion:244 Resp: 1116596
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 13.2 11.2 16.8

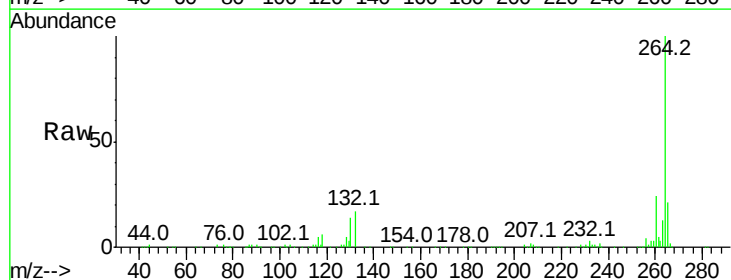


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF087691.D
 Acq: 5 Jun 2016 6:10

Tgt Ion:264 Resp: 285827
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 20.7 16.9 25.3



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

