

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
 Data File : BF082711.D
 Acq On : 4 Nov 2015 20:11
 Operator : UM/IZ
 Sample : G4241-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15(3)

Quant Time: Nov 05 06:39:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

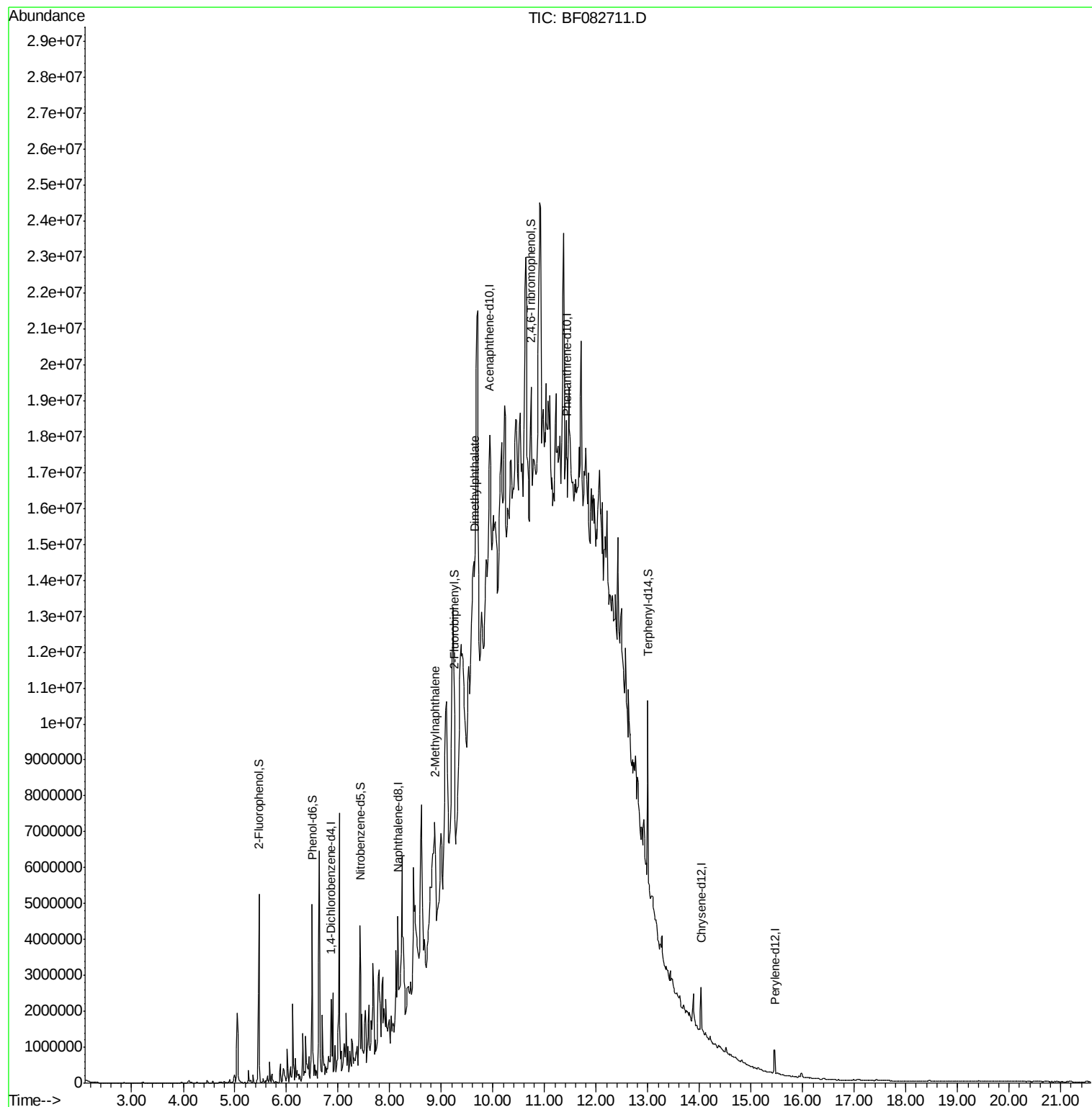
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	183841	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	655685	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	263648	20.00	ng	0.01
63) Phenanthrene-d10	11.44	188	413214	20.00	ng	0.02
75) Chrysene-d12	14.03	240	477085	20.00	ng	-0.02
86) Perylene-d12	15.46	264	416754	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1425149	116.76	ng	0.00
7) Phenol-d6	6.50	99	1846049	113.84	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1428149	88.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	412874	143.09	ng	0.02
44) 2-Fluorobiphenyl	9.25	172	1943587	104.67	ng	0.00
78) Terphenyl-d14	13.00	244	1734701	79.57	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.88	142	391170	17.01	ng	Qvalue 96
49) Dimethylphthalate	9.64	163	398289	18.50	ng	# 87

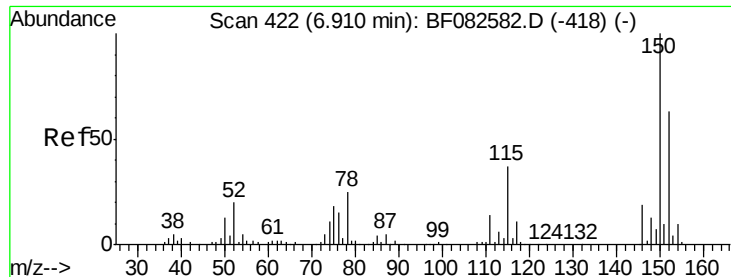
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082711.D
Acq On : 4 Nov 2015 20:11
Operator : UM/IZ
Sample : G4241-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15(3)

Quant Time: Nov 05 06:39:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

Instrument :

BNA_F

ClientSampleId :

TP-15(3)

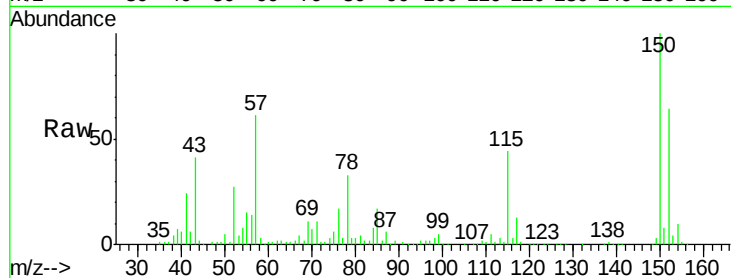
Tot Ion:152 Resp: 183841

Ion Ratio Lower Upper

152 100

150 157.0 127.0 190.4

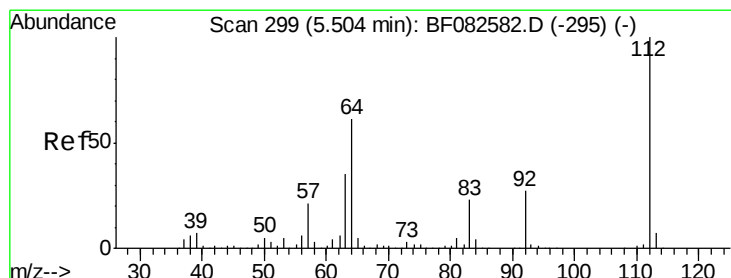
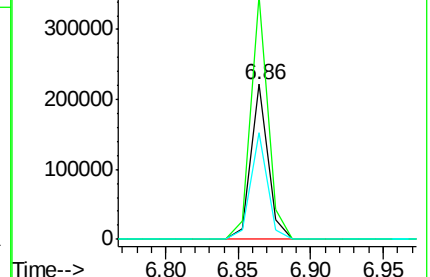
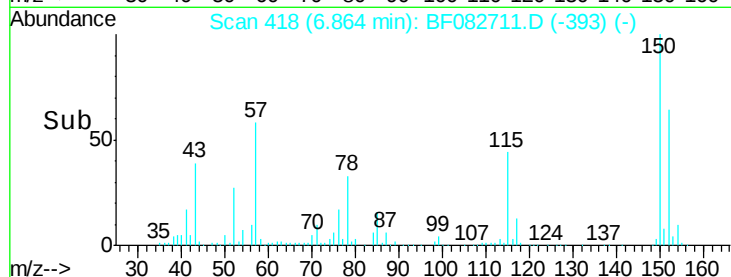
115 68.5 47.0 70.6



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: 116.76 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.00 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

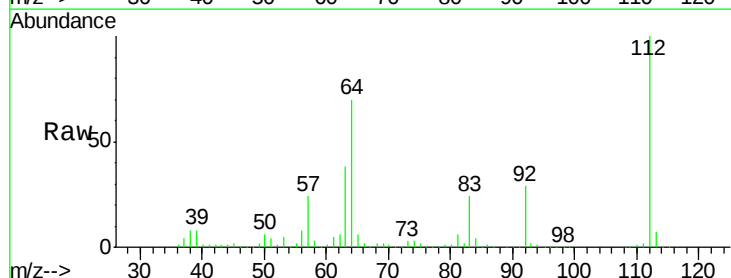
Tgt Ion:112 Resp: 1425149

Ion Ratio Lower Upper

112 100

64 70.1 48.9 73.3

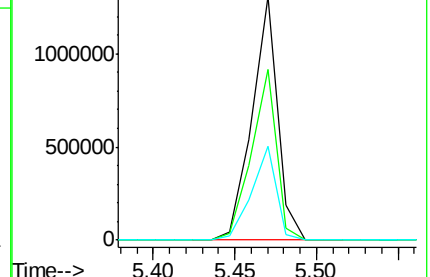
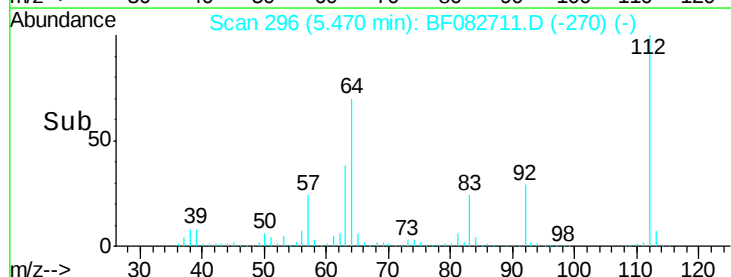
63 38.3 28.1 42.1



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: 113.84 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

Instrument :

BNA_F

ClientSampleId :

TP-15(3)

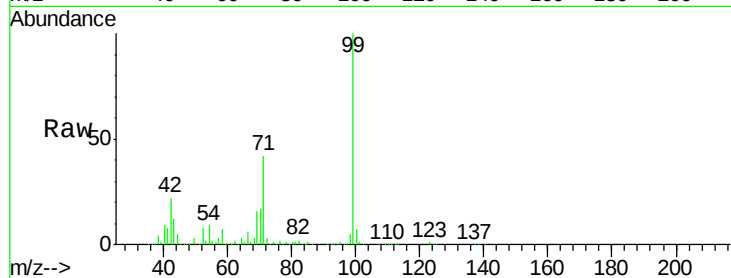
Tot Ion: 99 Resp: 1846049

Ion Ratio Lower Upper

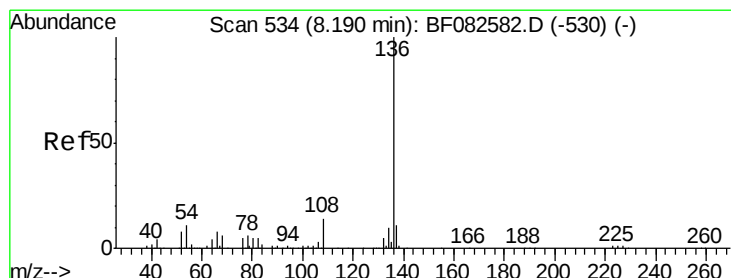
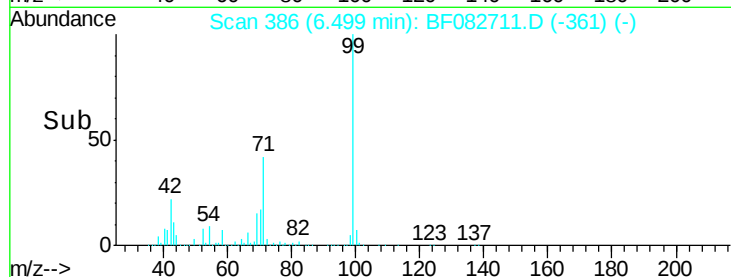
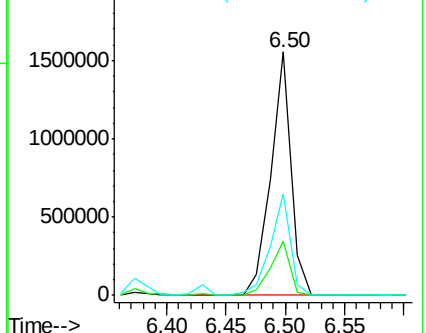
99 100

42 22.1 19.2 28.8

71 41.9 35.0 52.4



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. -0.01 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

Tgt Ion: 136 Resp: 655685

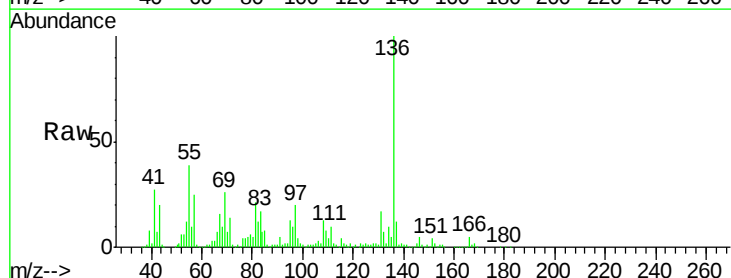
Ion Ratio Lower Upper

136 100

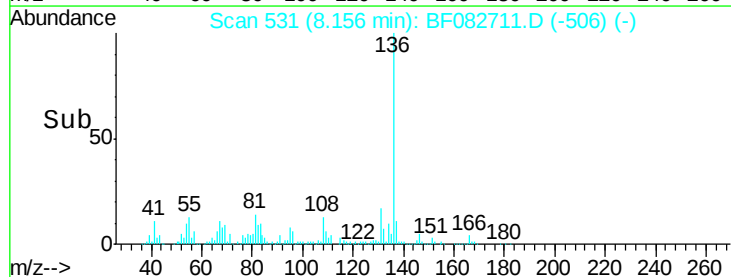
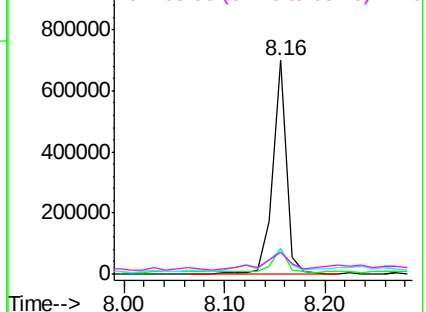
137 12.0 9.1 13.7

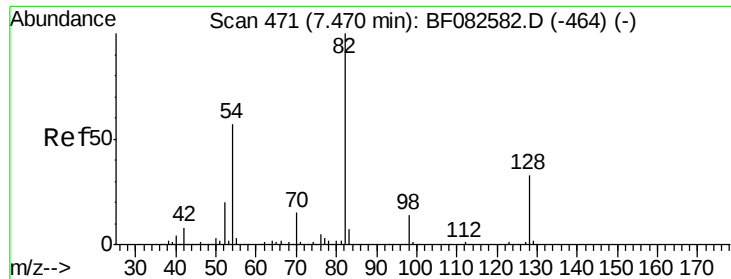
54 11.6 9.1 13.7

68 9.9 4.8 7.2#



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

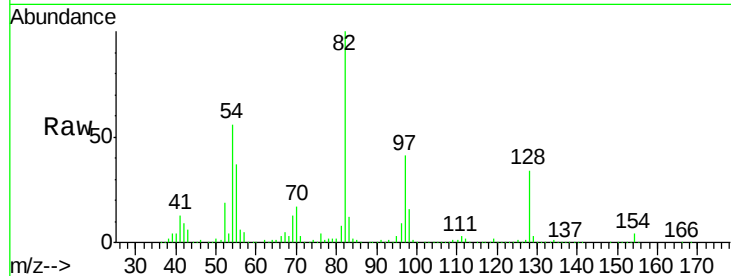




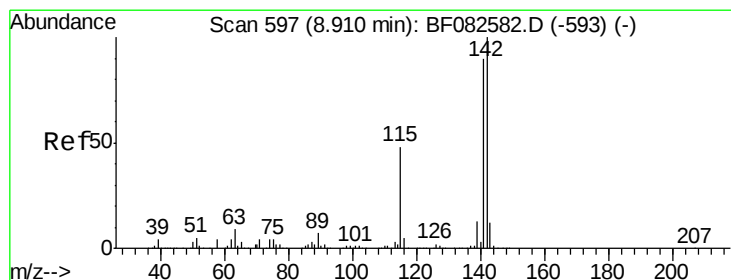
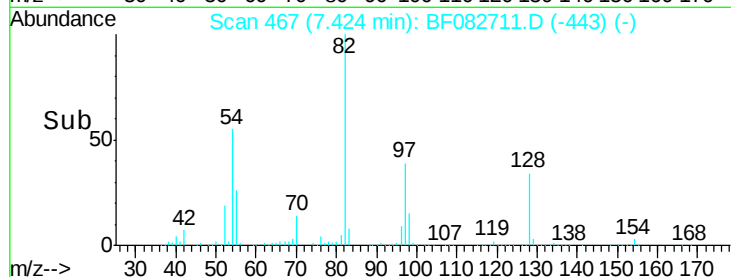
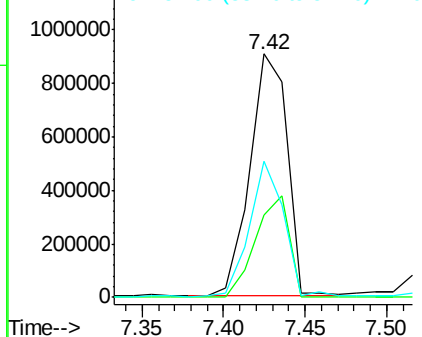
#23
 Nitrobenzene-d5
 Concen: 88.94 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082711.D
 Acq: 4 Nov 2015 20:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-15(3)

Tot Ion: 82 Resp: 1428149
 Ion Ratio Lower Upper
 82 100
 128 33.9 26.8 40.2
 54 55.7 45.7 68.5

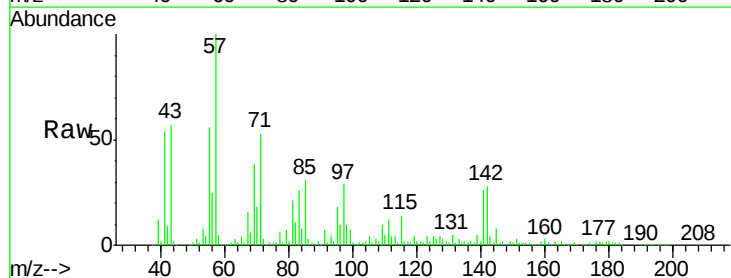


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

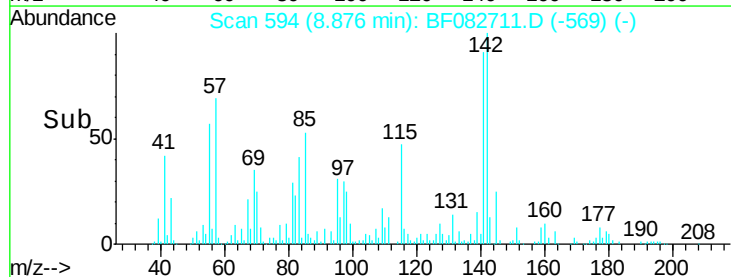
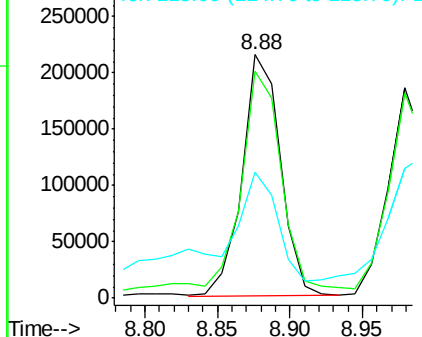


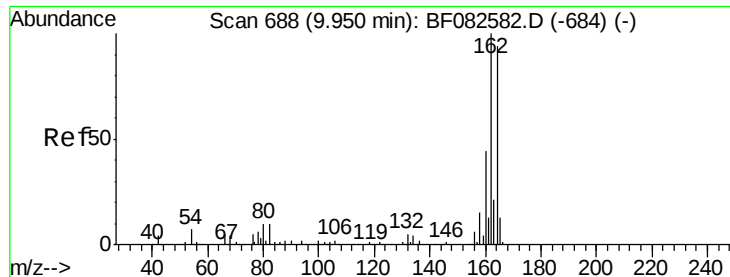
#37
 2-Methylnaphthalene
 Concen: 17.01 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF082711.D
 Acq: 4 Nov 2015 20:11

Tgt Ion: 142 Resp: 391170
 Ion Ratio Lower Upper
 142 100
 141 93.1 72.3 108.5
 115 51.9 38.1 57.1



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: 9.94 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

Instrument :

BNA_F

ClientSampleId :

TP-15(3)

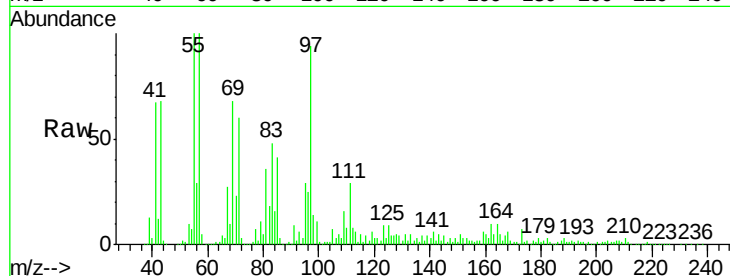
Tot Ion:164 Resp: 263648

Ion Ratio Lower Upper

164 100

162 101.2 84.9 127.3

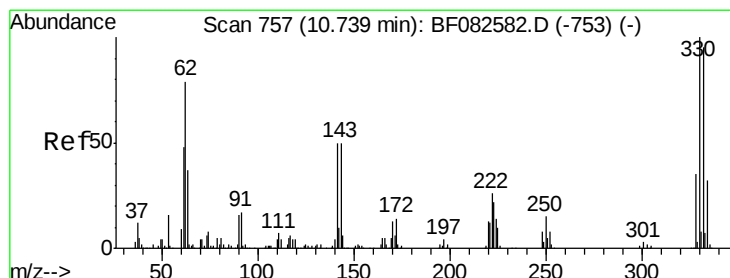
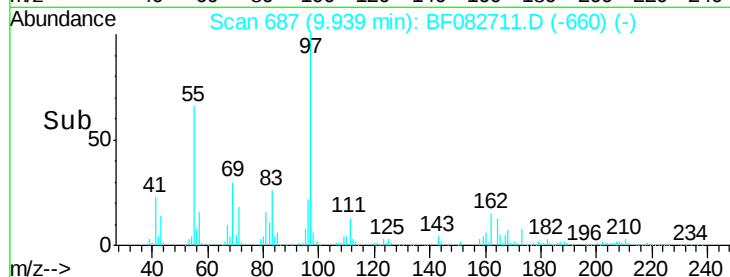
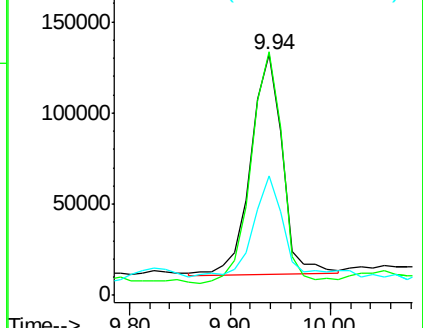
160 49.8 37.5 56.3



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: 143.09 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

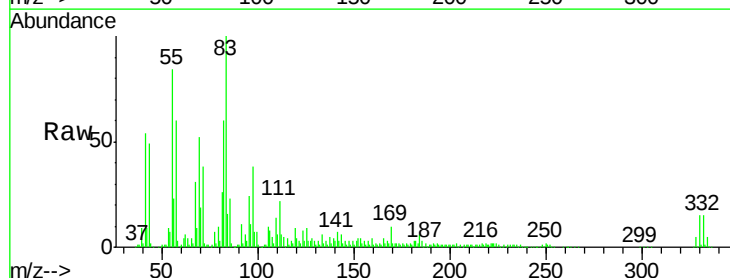
Tgt Ion:330 Resp: 412874

Ion Ratio Lower Upper

330 100

332 97.4 76.6 114.8

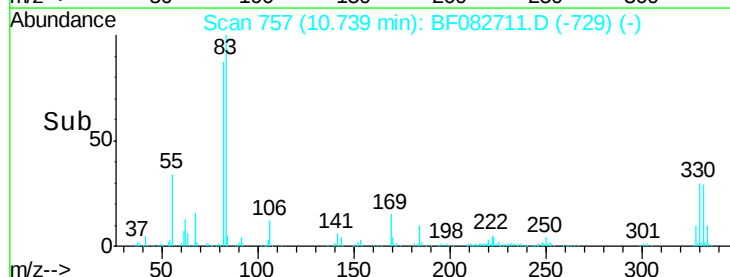
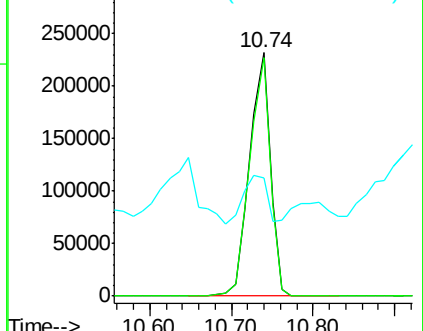
141 22.1 41.2 61.8#

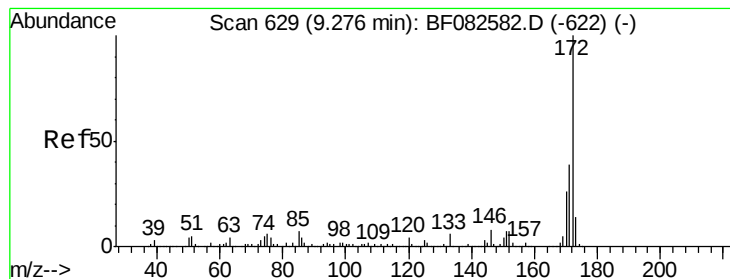


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

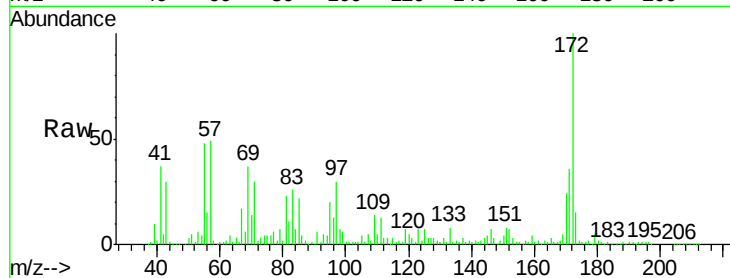




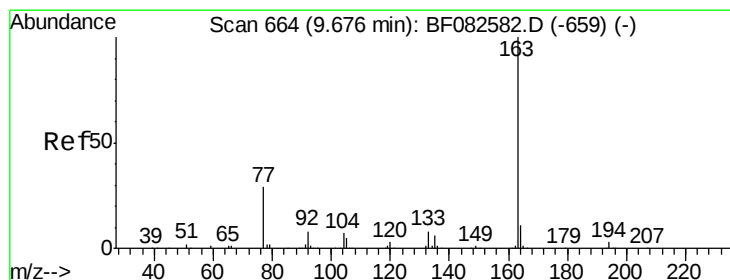
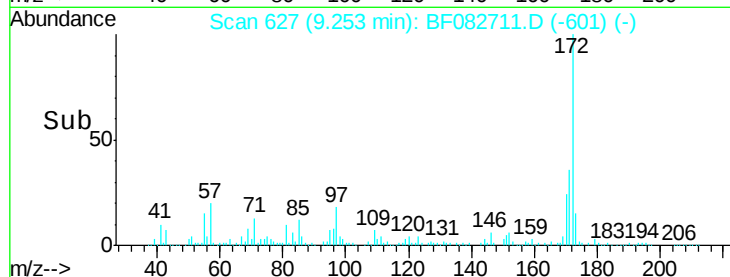
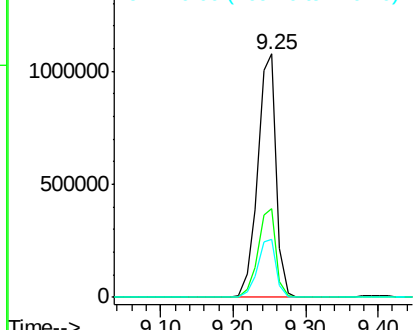
#44
2-Fluorobiphenyl
Concen: 104.67 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.00 min
Lab File: BF082711.D
Acq: 4 Nov 2015 20:11

Instrument :
BNA_F
ClientSampleId :
TP-15(3)

Tot Ion:172 Resp: 1943587
Ion Ratio Lower Upper
172 100
171 36.2 30.8 46.2
170 24.1 21.2 31.8

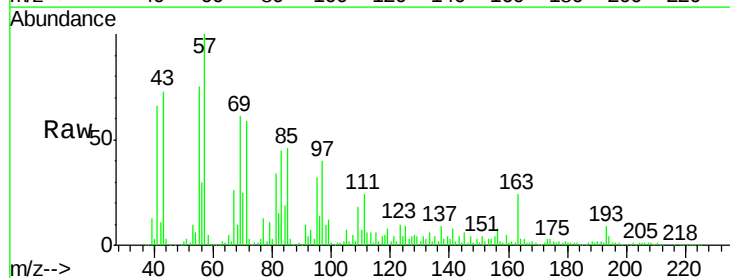


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

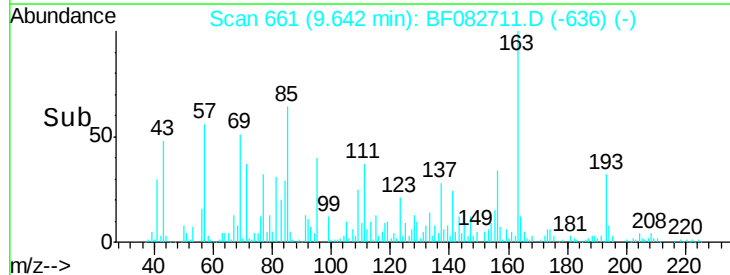
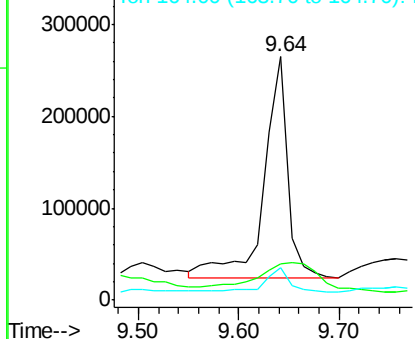


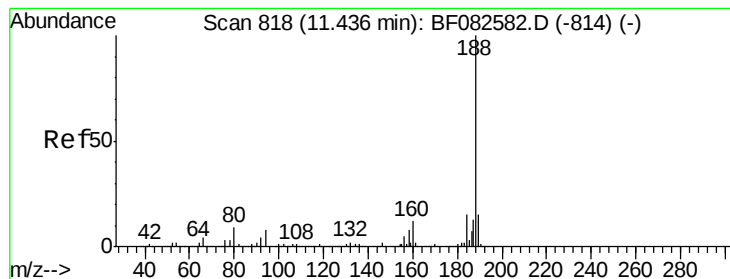
#49
Dimethylphthalate
Concen: 18.50 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF082711.D
Acq: 4 Nov 2015 20:11

Tgt Ion:163 Resp: 398289
Ion Ratio Lower Upper
163 100
194 14.8 2.6 4.0#
164 13.2 8.7 13.1#



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: 11.44 min Scan# 818

Delta R.T. 0.02 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

Instrument :

BNA_F

ClientSampleId :

TP-15(3)

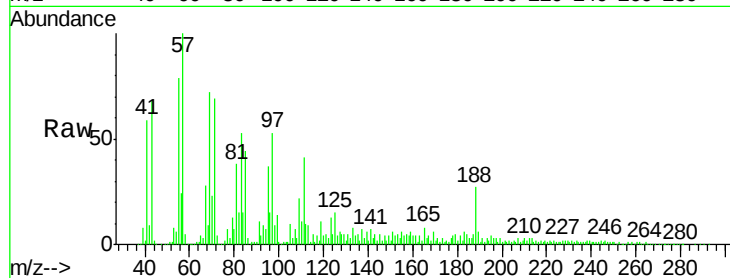
Tot Ion:188 Resp: 413214

Ion Ratio Lower Upper

188 100

94 26.5 6.1 9.1#

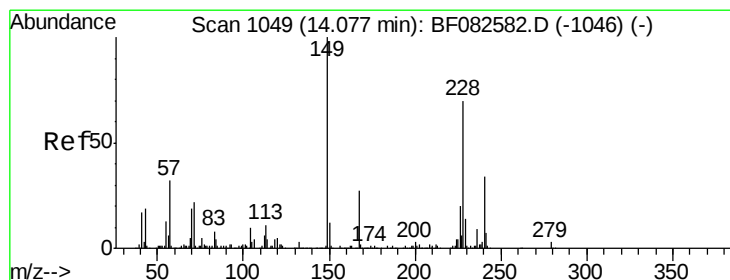
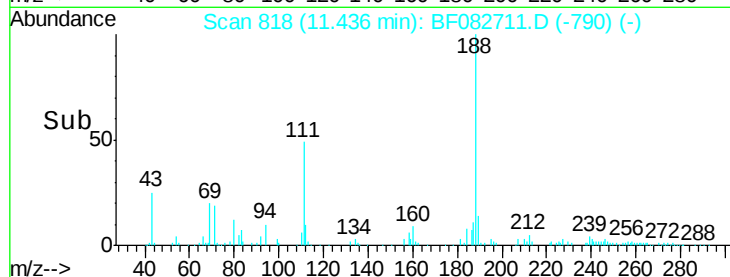
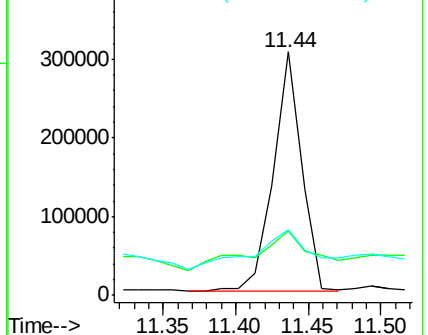
80 26.9 7.0 10.6#



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: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF082711.D

Acq: 4 Nov 2015 20:11

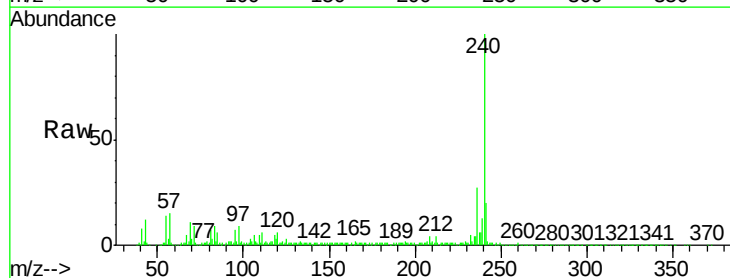
Tgt Ion:240 Resp: 477085

Ion Ratio Lower Upper

240 100

120 6.5 10.9 16.3#

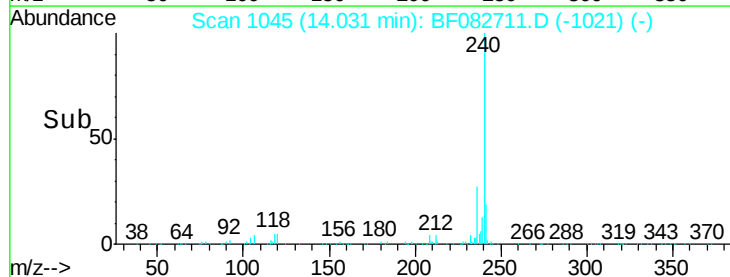
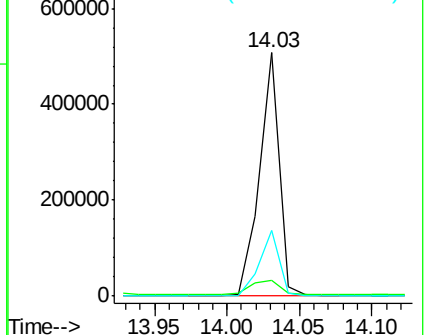
236 27.0 21.6 32.4

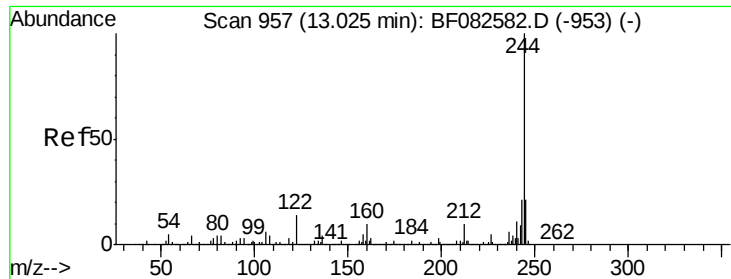


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

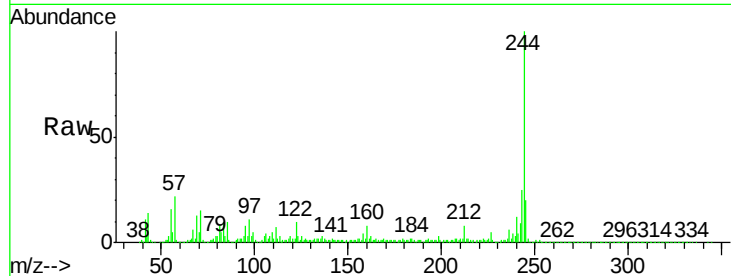




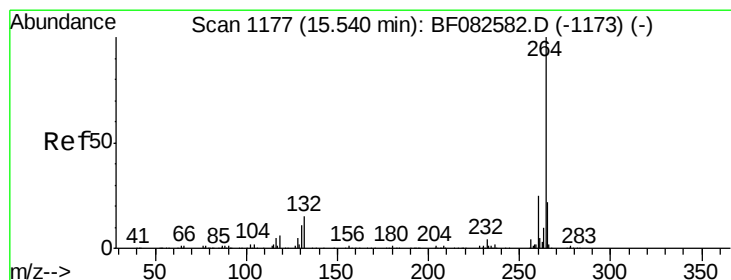
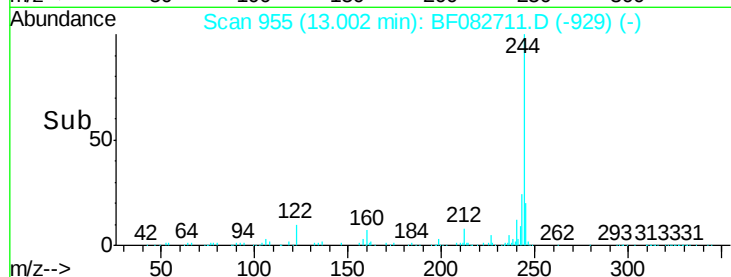
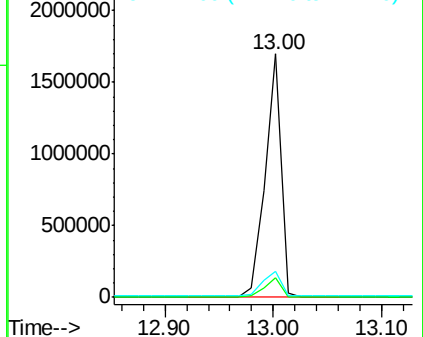
#78
 Terphenyl-d14
 Concen: 79.57 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF082711.D
 Acq: 4 Nov 2015 20:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-15(3)

Tot Ion:244 Resp: 1734701
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.6 11.4
 122 10.5 11.3 16.9#

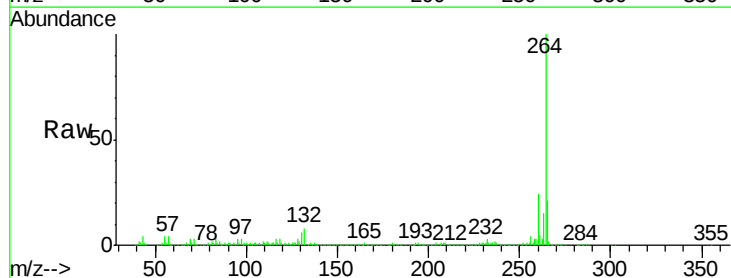


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.05 min
 Lab File: BF082711.D
 Acq: 4 Nov 2015 20:11

Tgt Ion:264 Resp: 416754
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.8 29.6
 265 21.4 17.4 26.0



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

