

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084955.D
 Acq On : 9 Feb 2016 16:42
 Operator : SJ/IZ
 Sample : H1386-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B018(1-3)

Quant Time: Feb 10 04:04:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

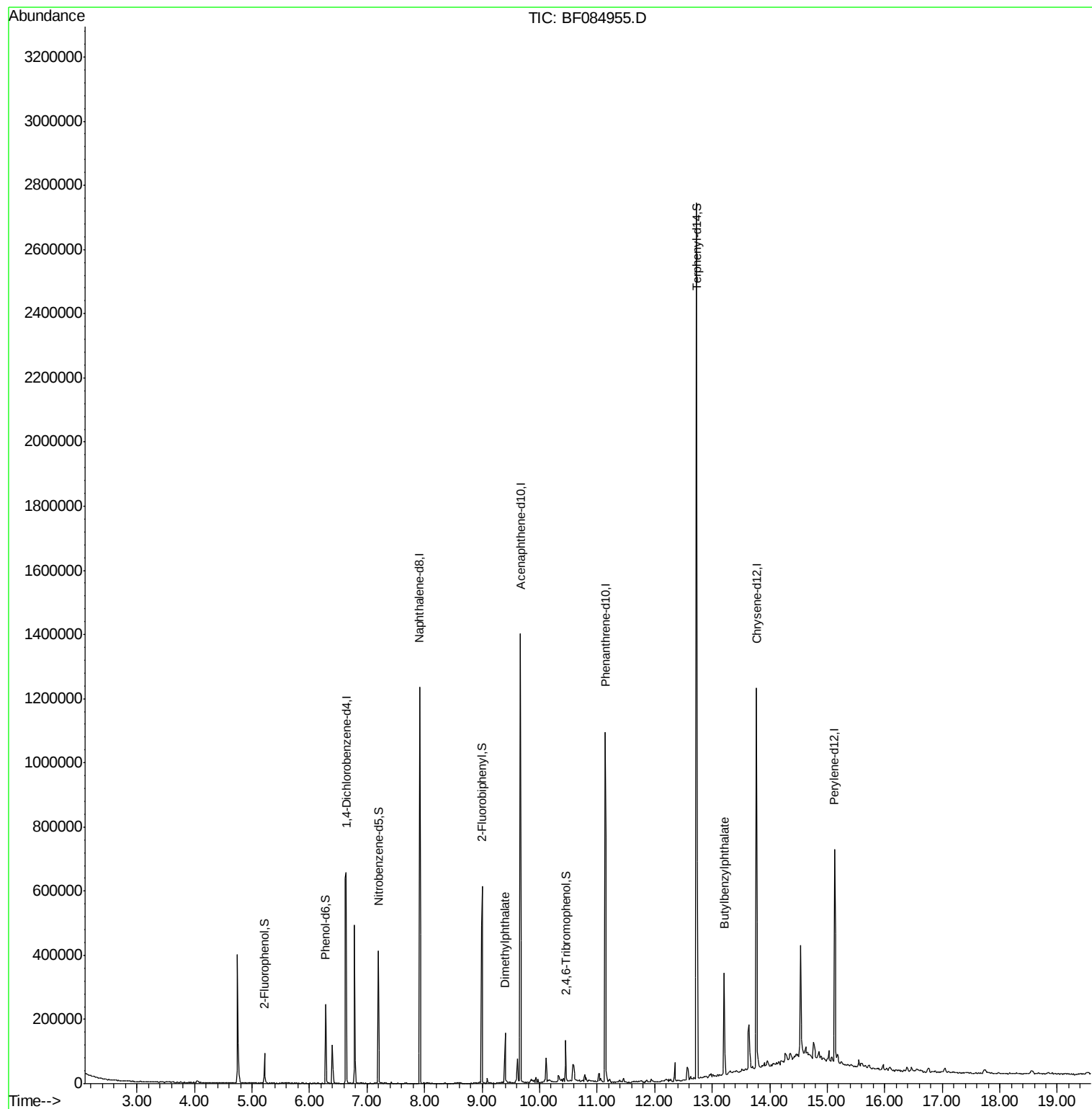
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	147643	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	614794	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	289979	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	524523	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	428477	20.00	ng	-0.07
86) Perylene-d12	15.13	264	305967	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	29917	3.16	ng	-0.06
7) Phenol-d6	6.28	99	79096	6.73	ng	-0.06
23) Nitrobenzene-d5	7.20	82	125189	11.47	ng	-0.07
41) 2,4,6-Tribromophenol	10.45	330	17327	5.73	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	274221	11.52	ng	-0.06
78) Terphenyl-d14	12.73	244	848795	44.89	ng	-0.07
Target Compounds						
49) Dimethylphthalate	9.40	163	75323	3.41	ng	Qvalue # 90
79) Butylbenzylphthalate	13.21	149	69796	4.69	ng	94

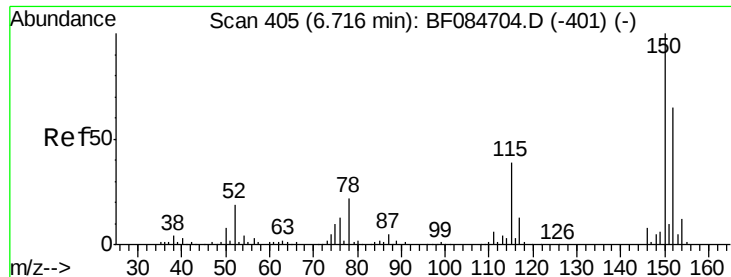
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084955.D

Acq: 9 Feb 2016 16:42

Instrument :

BNA_F

ClientSampleId :

S4-B018(1-3)

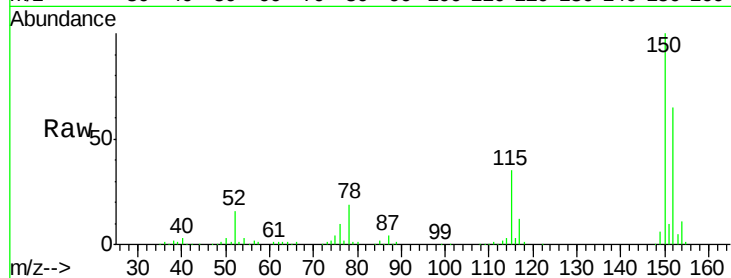
Tot Ion:152 Resp: 147643

Ion Ratio Lower Upper

152 100

150 154.9 123.0 184.4

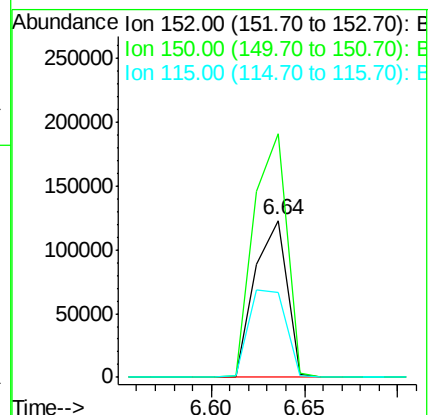
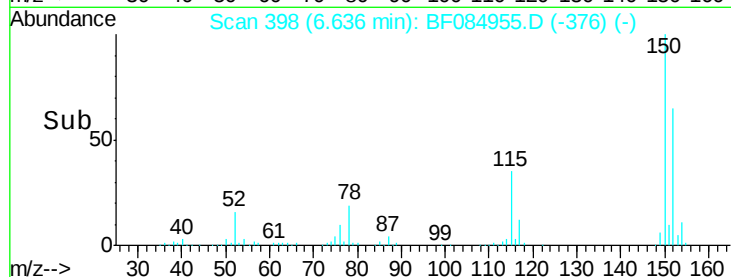
115 54.0 51.4 77.2



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: 3.16 ng

RT: 5.22 min Scan# 274

Delta R.T. -0.06 min

Lab File: BF084955.D

Acq: 9 Feb 2016 16:42

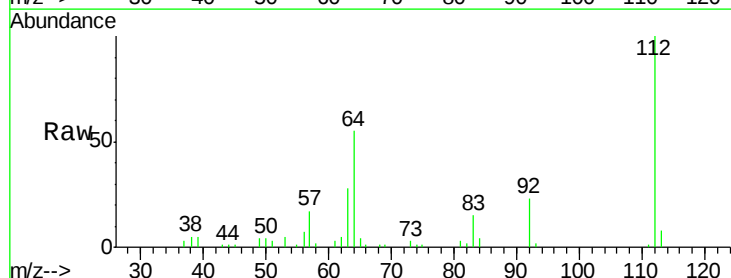
Tgt Ion:112 Resp: 29917

Ion Ratio Lower Upper

112 100

64 55.0 36.6 55.0#

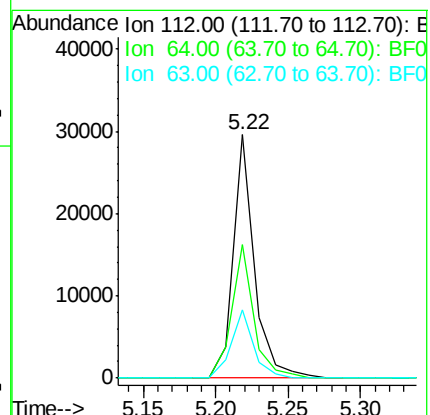
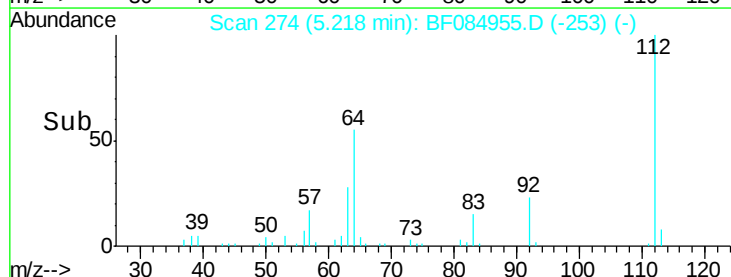
63 28.2 19.4 29.0

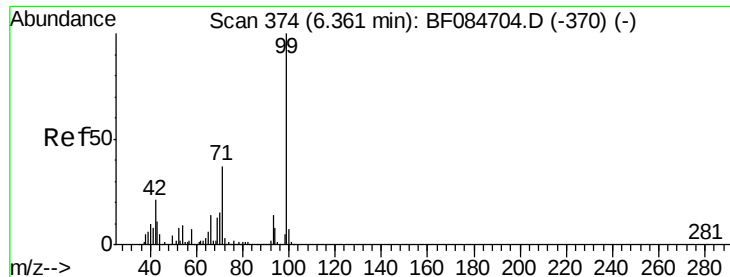


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 6.73 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.06 min

Lab File: BF084955.D

Acq: 9 Feb 2016 16:42

Instrument :

BNA_F

ClientSampleId :

S4-B018(1-3)

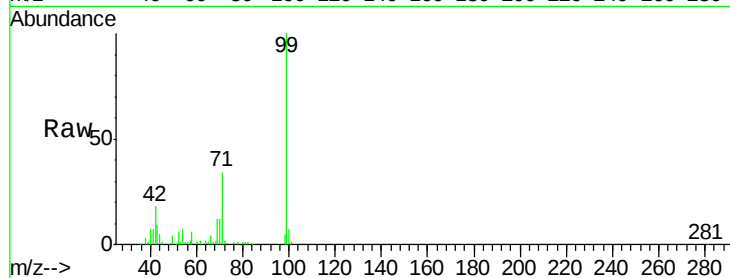
Tot Ion: 99 Resp: 79096

Ion Ratio Lower Upper

99 100

42 18.2 12.8 19.2

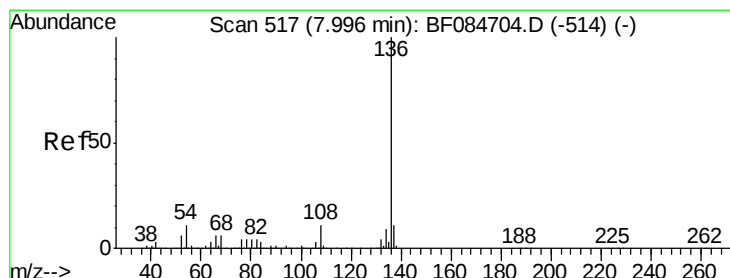
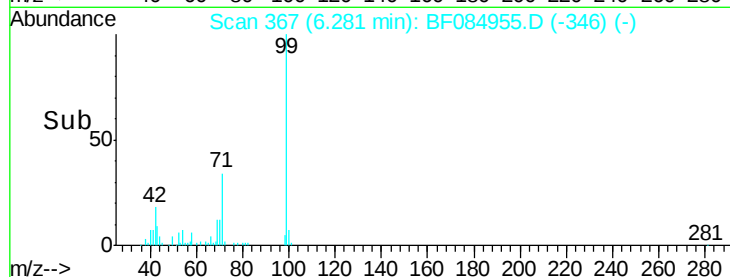
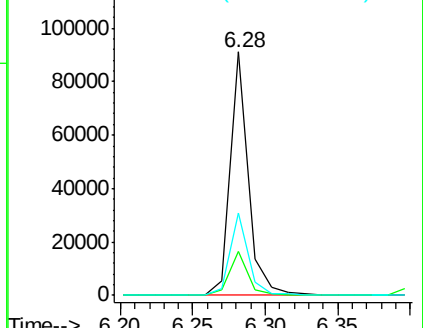
71 34.0 30.9 46.3



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: 7.92 min Scan# 510

Delta R.T. -0.06 min

Lab File: BF084955.D

Acq: 9 Feb 2016 16:42

Tgt Ion: 136 Resp: 614794

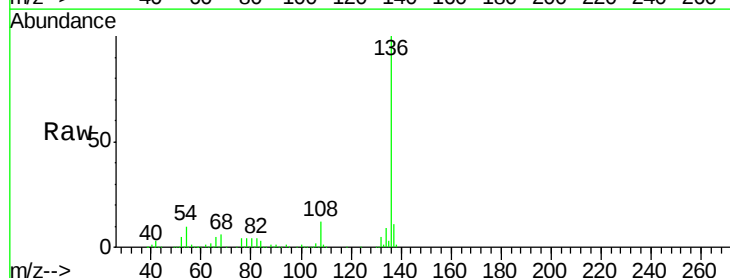
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.5 5.8 8.8#

68 5.5 4.2 6.2

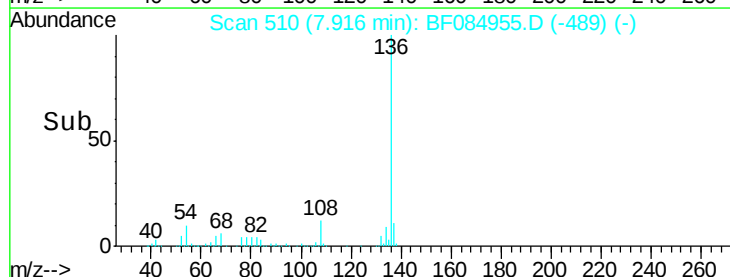
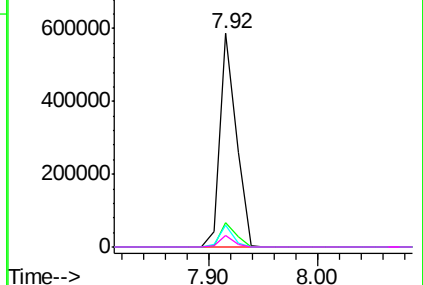


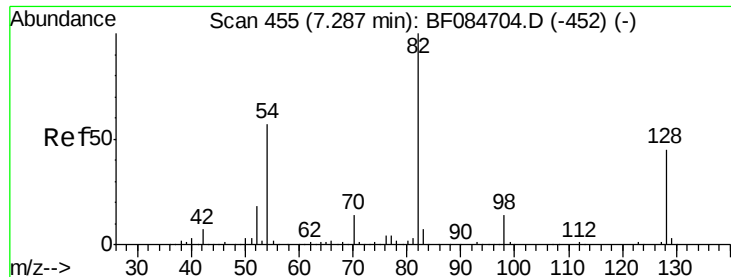
Abundance Ion 136.00 (135.70 to 136.70): E

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

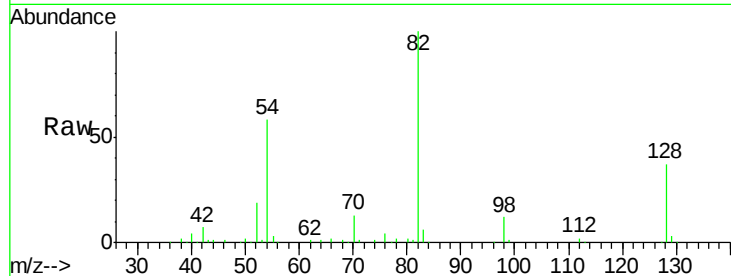




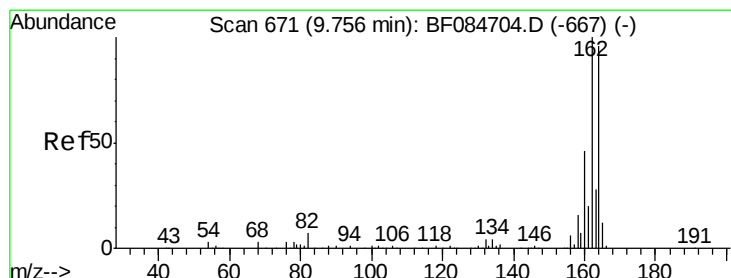
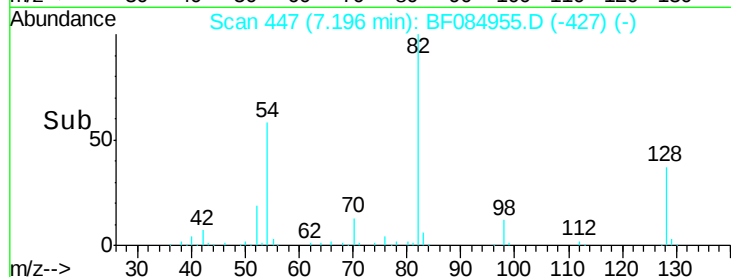
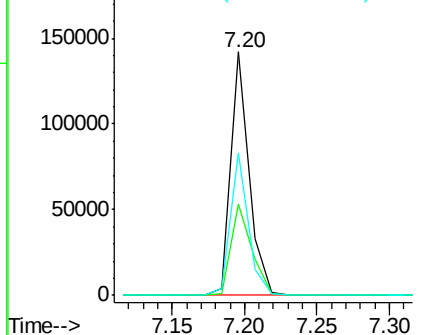
#23
Nitrobenzene-d5
Concen: 11.47 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.07 min
Lab File: BF084955.D
Acq: 9 Feb 2016 16:42

Instrument :
BNA_F
ClientSampleId :
S4-B018(1-3)

Tot Ion: 82 Resp: 125189
Ion Ratio Lower Upper
82 100
128 37.4 34.6 51.8
54 58.3 38.4 57.6#

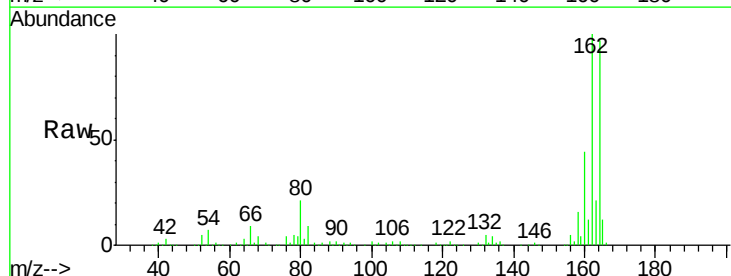


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

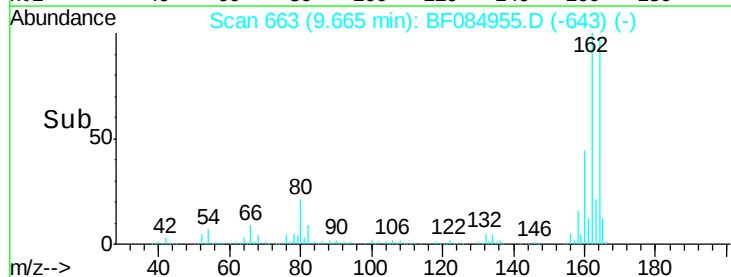
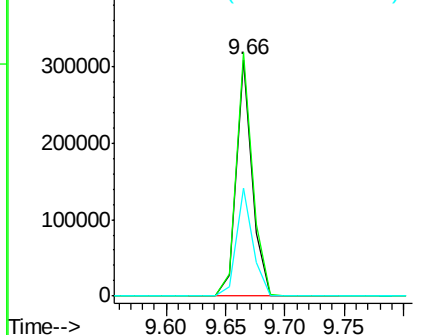


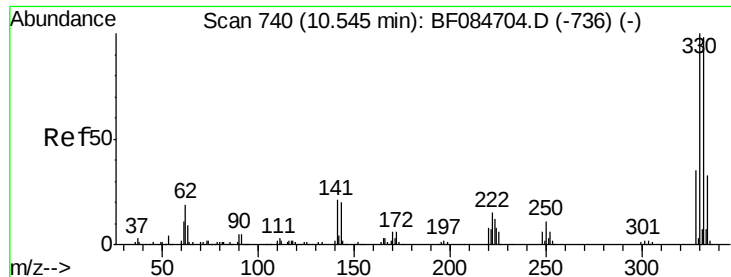
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.07 min
Lab File: BF084955.D
Acq: 9 Feb 2016 16:42

Tgt Ion:164 Resp: 289979
Ion Ratio Lower Upper
164 100
162 102.9 85.1 127.7
160 45.6 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

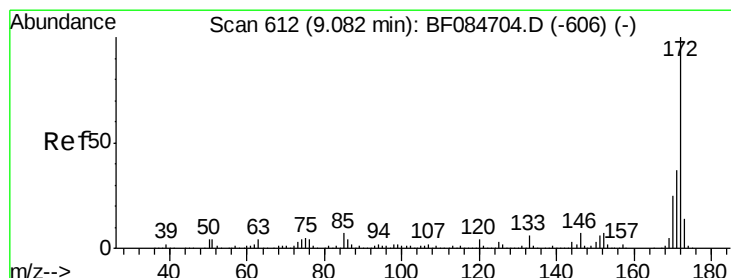
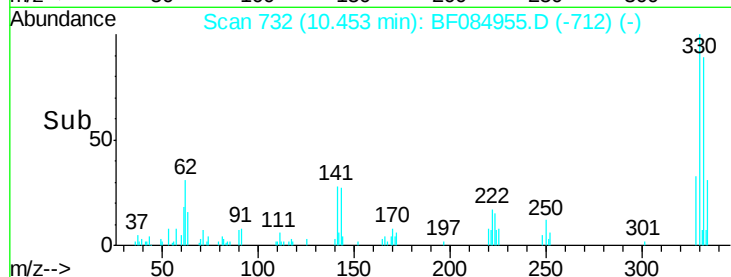
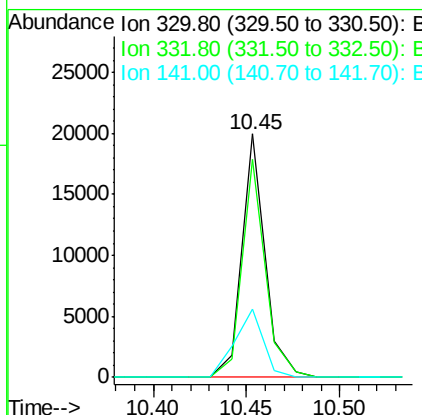
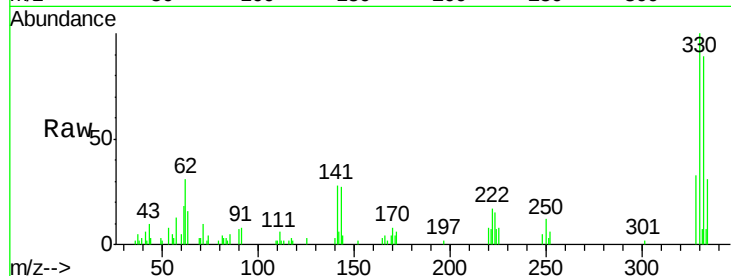




#41
 2,4,6-Tribromophenol
 Concen: 5.73 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.07 min
 Lab File: BF084955.D
 Acq: 9 Feb 2016 16:42

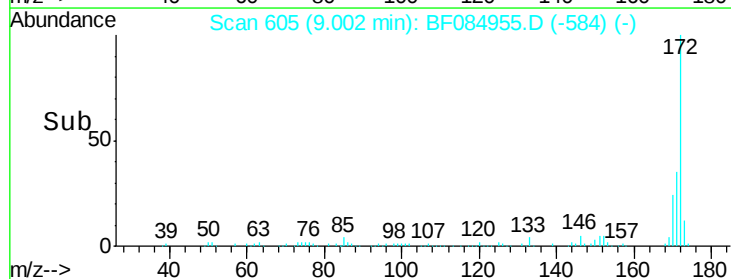
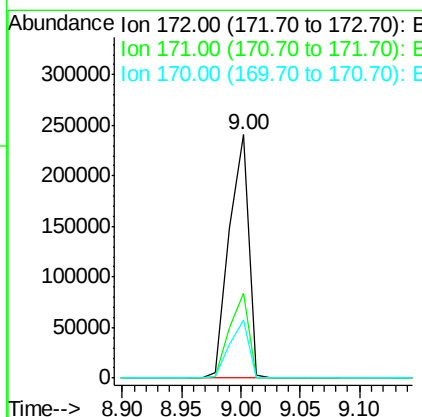
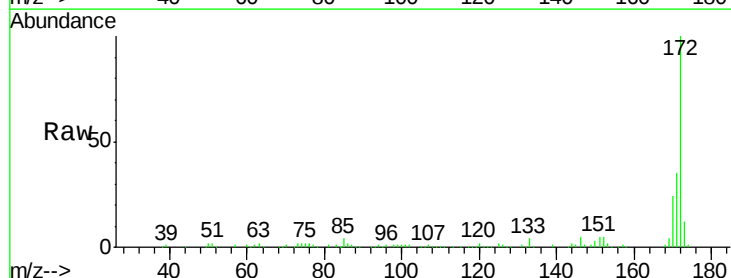
Instrument :
 BNA_F
 ClientSampleId :
 S4-B018(1-3)

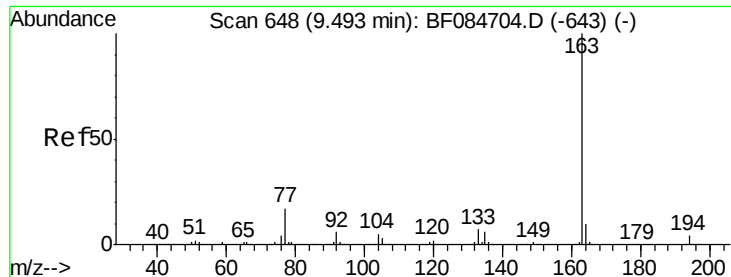
Tot Ion:330 Resp: 17327
 Ion Ratio Lower Upper
 330 100
 332 90.1 76.6 114.8
 141 34.7 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 11.52 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084955.D
 Acq: 9 Feb 2016 16:42

Tgt Ion:172 Resp: 274221
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.9 43.3
 170 23.6 18.6 27.8





#49

Dimethylphthalate

Concen: 3.41 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.07 min

Lab File: BF084955.D

Acq: 9 Feb 2016 16:42

Instrument :

BNA_F

ClientSampleId :

S4-B018(1-3)

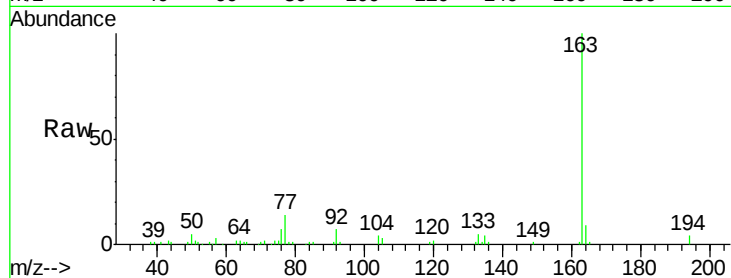
Tot Ion:163 Resp: 75323

Ion Ratio Lower Upper

163 100

194 3.7 8.0 12.0#

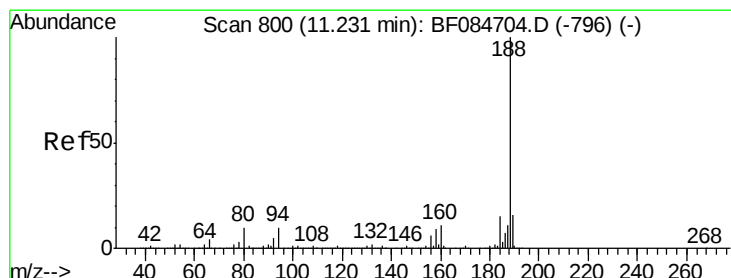
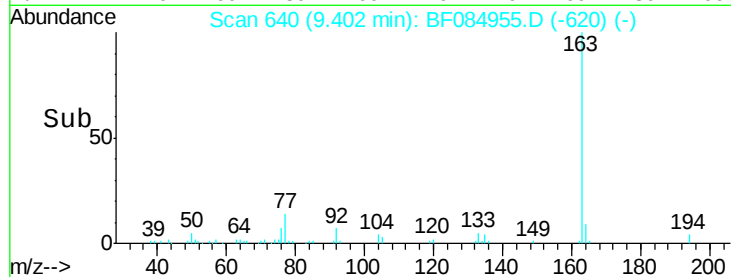
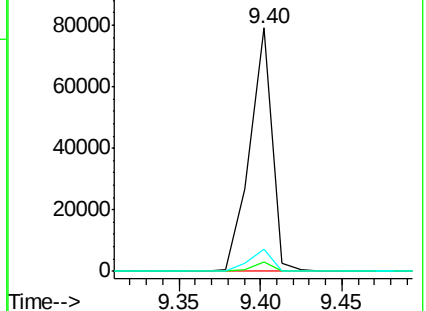
164 9.0 8.0 12.0



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: 11.14 min Scan# 792

Delta R.T. -0.07 min

Lab File: BF084955.D

Acq: 9 Feb 2016 16:42

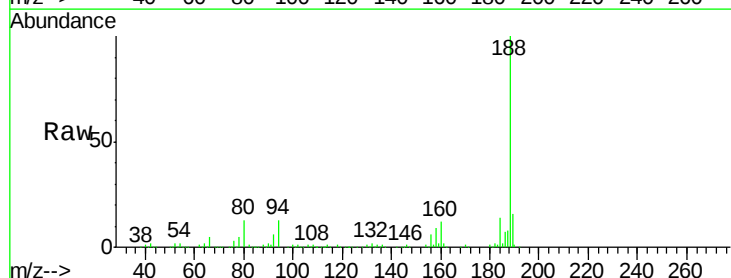
Tgt Ion:188 Resp: 524523

Ion Ratio Lower Upper

188 100

94 12.6 9.0 13.4

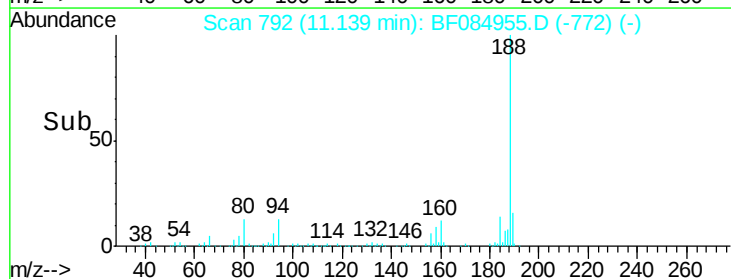
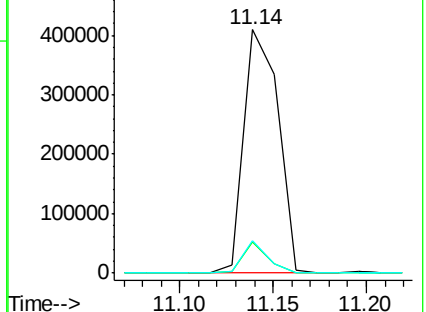
80 13.2 9.6 14.4

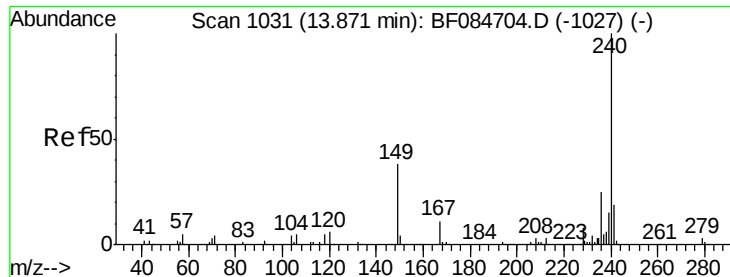


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.77 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF084955.D

Acq: 9 Feb 2016 16:42

Instrument :

BNA_F

ClientSampled :

S4-B018(1-3)

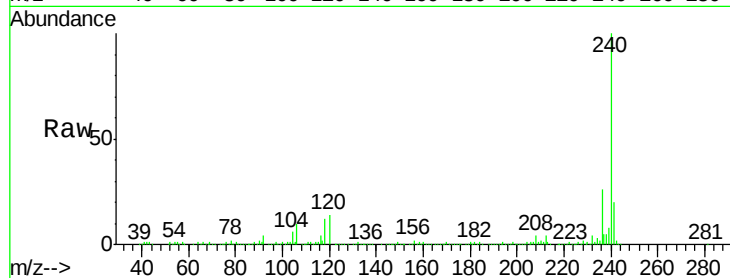
Tot Ion:240 Resp: 428477

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

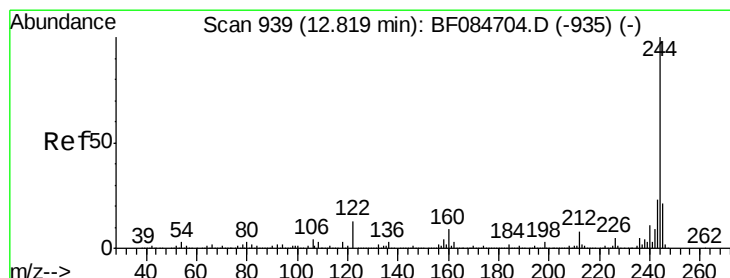
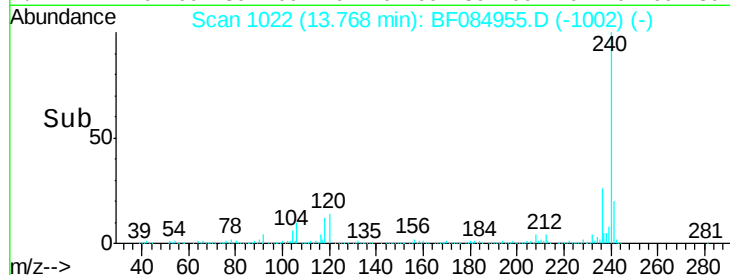
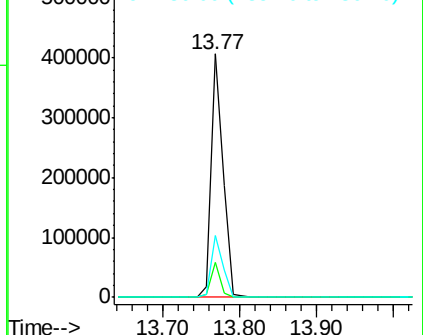
236 25.5 20.6 31.0



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: 44.89 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.07 min

Lab File: BF084955.D

Acq: 9 Feb 2016 16:42

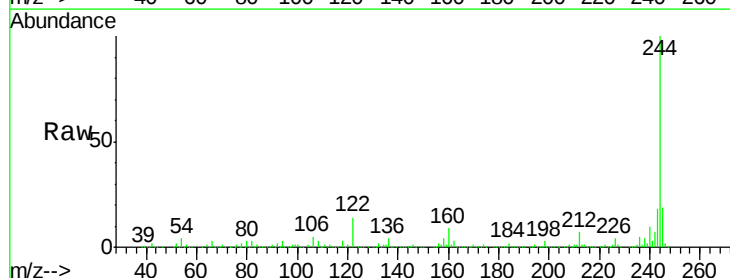
Tgt Ion:244 Resp: 848795

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

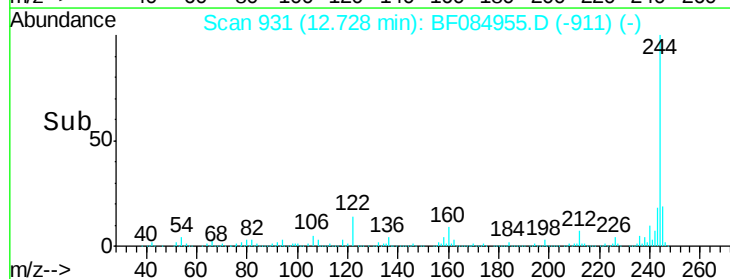
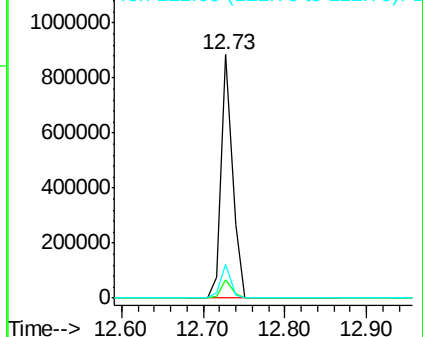
122 13.7 7.4 11.0#

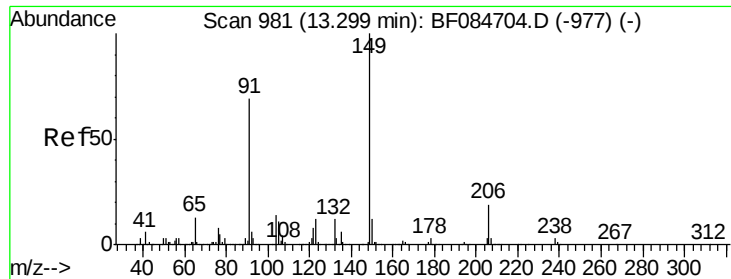


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

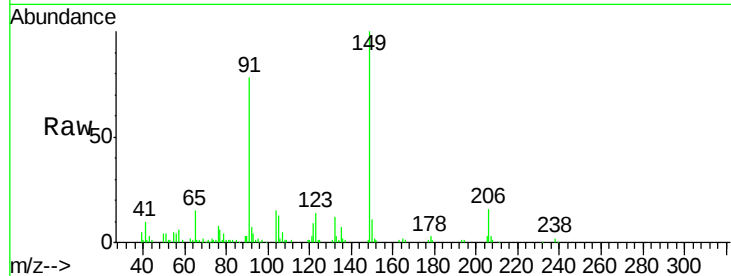




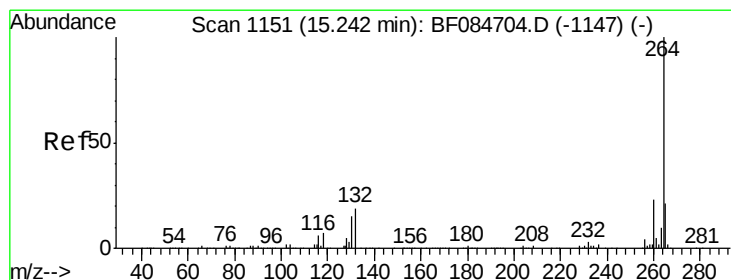
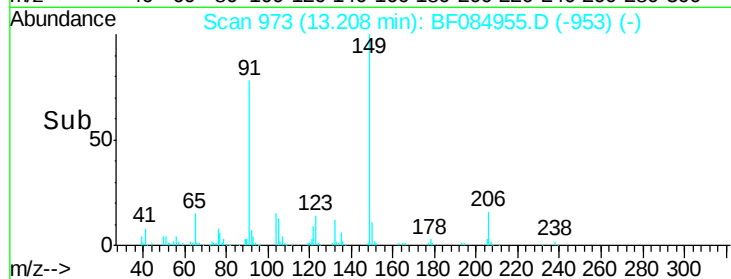
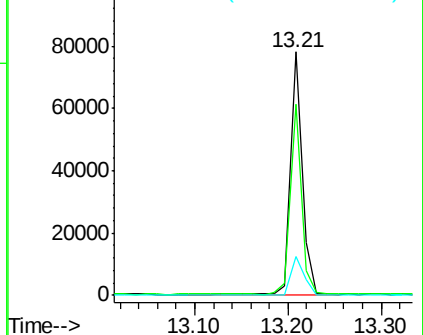
#79
Butylbenzylphthalate
Concen: 4.69 ng
RT: 13.21 min Scan# 973
Delta R.T. -0.07 min
Lab File: BF084955.D
Acq: 9 Feb 2016 16:42

Instrument :
BNA_F
ClientSampleId :
S4-B018(1-3)

Tot Ion:149 Resp: 69796
Ion Ratio Lower Upper
149 100
91 78.3 57.6 86.4
206 15.9 13.2 19.8

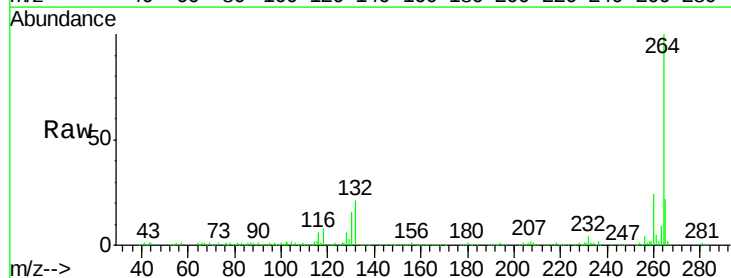


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1141
Delta R.T. -0.08 min
Lab File: BF084955.D
Acq: 9 Feb 2016 16:42

Tgt Ion:264 Resp: 305967
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 21.9 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

