

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
 Data File : BF082650.D
 Acq On : 3 Nov 2015 00:28
 Operator : UM/IZ
 Sample : G4223-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-20L

Quant Time: Nov 03 05:52:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

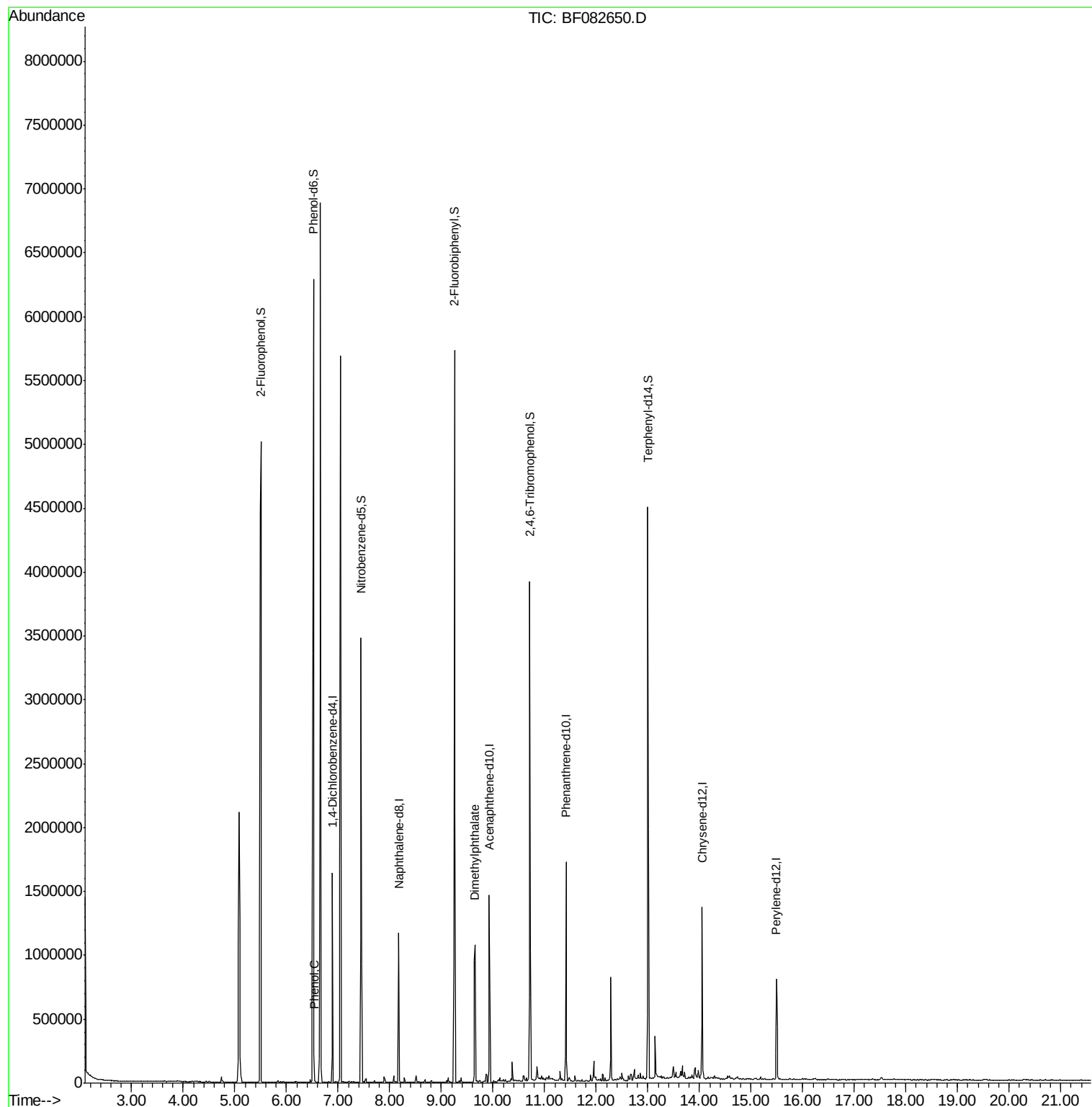
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	204570	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	713050	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	326538	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	552164	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	458729	20.00	ng	-0.02
86) Perylene-d12	15.49	264	393423	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1893264	139.39	ng	0.00
7) Phenol-d6	6.52	99	2286273	126.70	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1328323	76.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	438194	122.62	ng	-0.02
44) 2-Fluorobiphenyl	9.25	172	1952483	84.90	ng	-0.02
78) Terphenyl-d14	13.00	244	1534472	73.21	ng	-0.02
Target Compounds						
10) Phenol	6.53	94	42125	2.06	ng	Qvalue 78
49) Dimethylphthalate	9.65	163	630917	23.66	ng	# 97

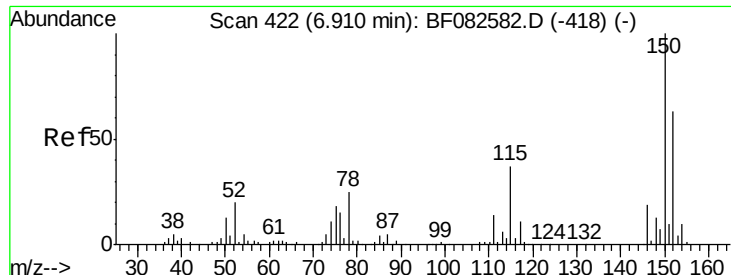
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 31 00:17:39 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF082650.D

Acq: 3 Nov 2015 00:28

Instrument :

BNA_F

ClientSampleId :

T-20L

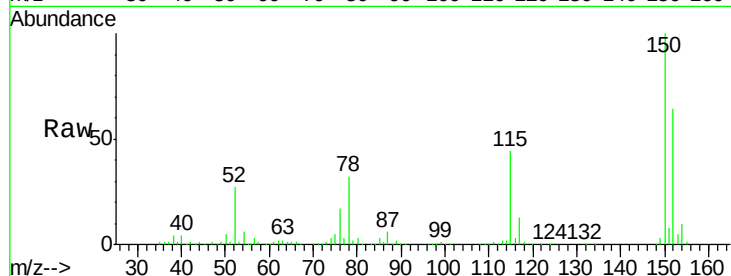
Tot Ion:152 Resp: 204570

Ion Ratio Lower Upper

152 100

150 155.8 127.0 190.4

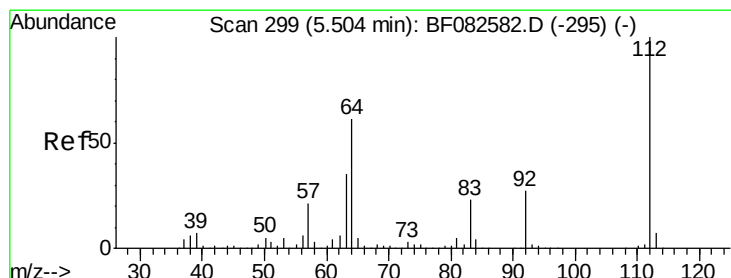
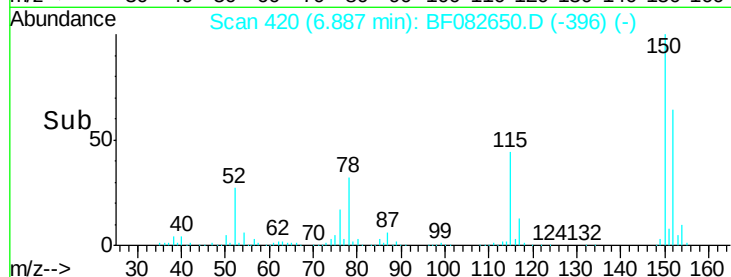
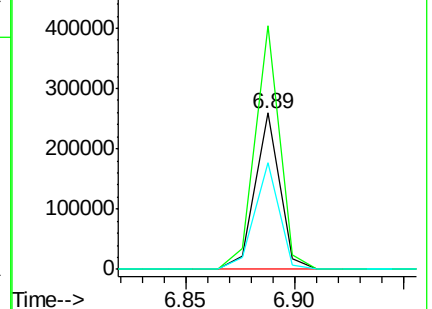
115 68.3 47.0 70.6



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: 139.39 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.00 min

Lab File: BF082650.D

Acq: 3 Nov 2015 00:28

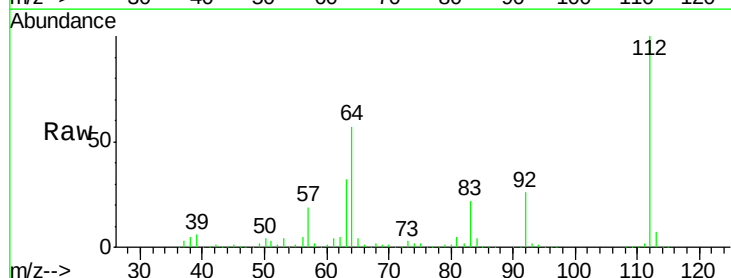
Tgt Ion:112 Resp: 1893264

Ion Ratio Lower Upper

112 100

64 57.1 48.9 73.3

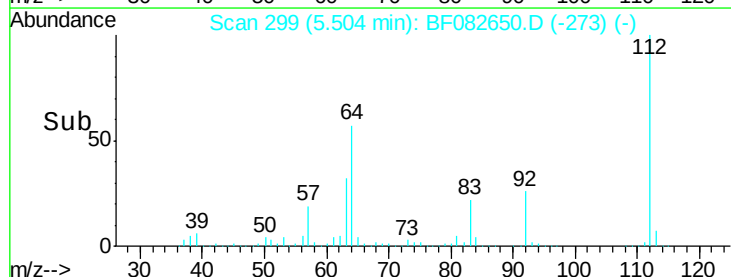
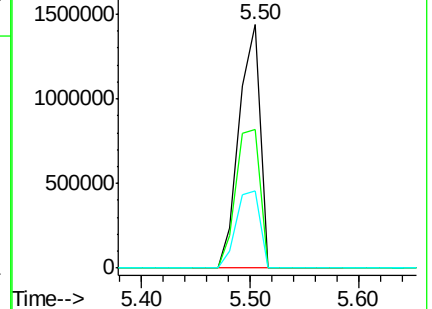
63 31.6 28.1 42.1

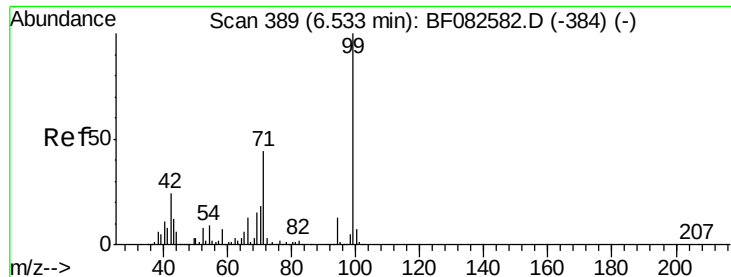


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.70 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082650.D

Acq: 3 Nov 2015 00:28

Instrument :

BNA_F

ClientSampleId :

T-20L

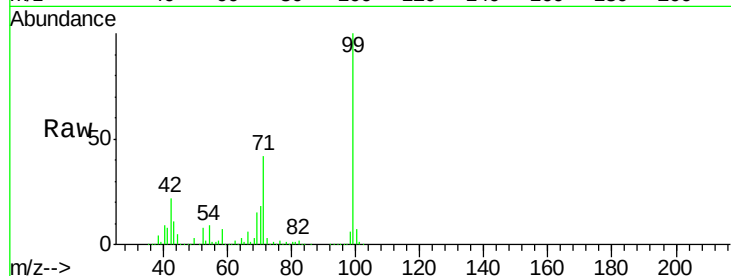
Tot Ion: 99 Resp: 2286273

Ion Ratio Lower Upper

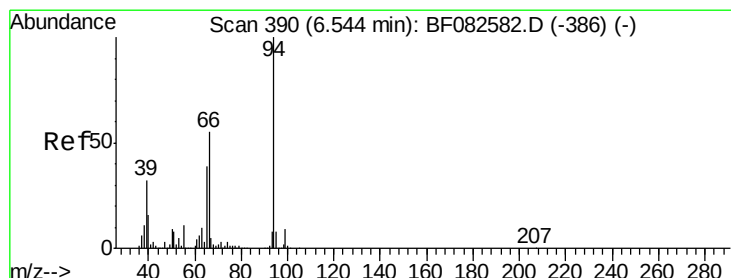
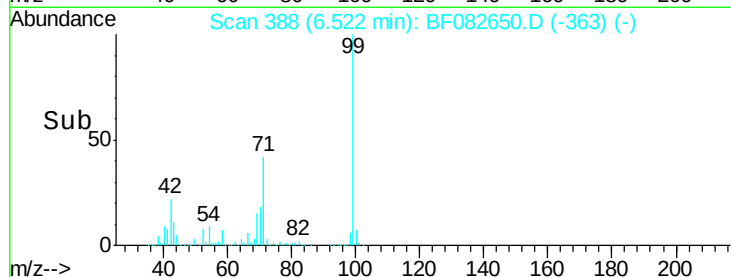
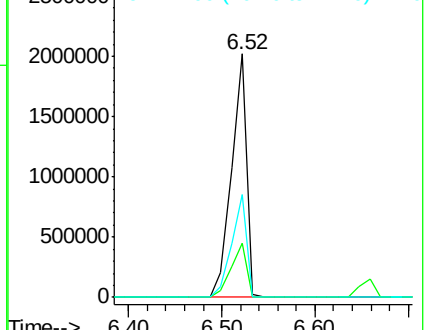
99 100

42 22.2 19.2 28.8

71 42.4 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



#10

Phenol

Concen: 2.06 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF082650.D

Acq: 3 Nov 2015 00:28

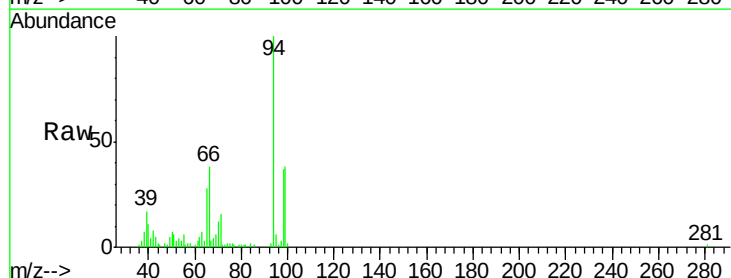
Tgt Ion: 94 Resp: 42125

Ion Ratio Lower Upper

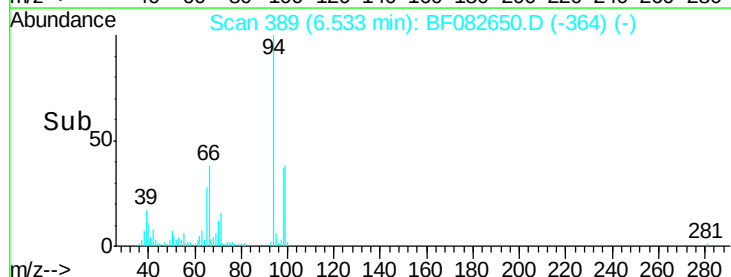
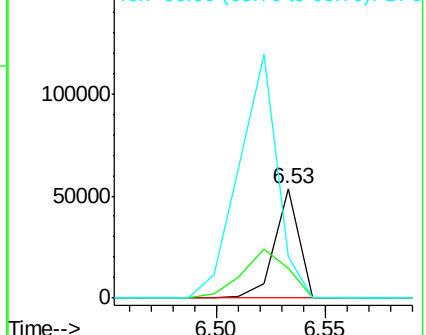
94 100

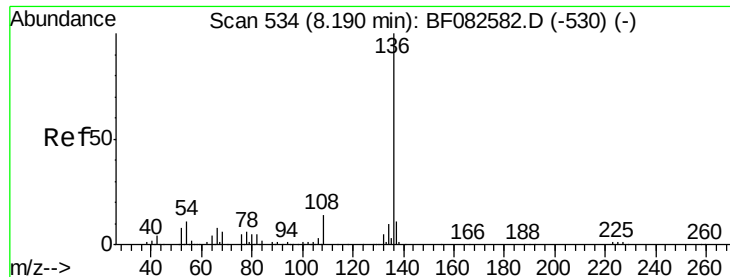
65 27.6 18.9 58.9

66 37.6 34.9 74.9



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF082650.D

Acq: 3 Nov 2015 00:28

Instrument :

BNA_F

ClientSampleId :

T-20L

Tot Ion:136 Resp: 713050

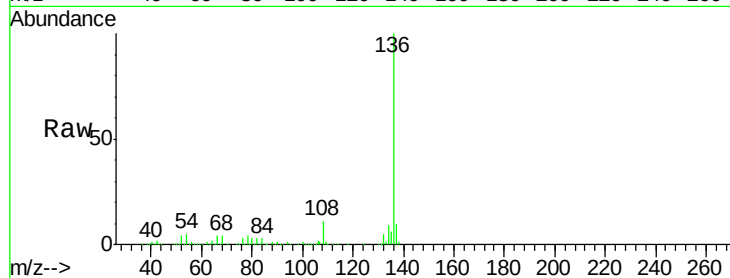
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 5.5 9.1 13.7#

68 3.7 4.8 7.2#

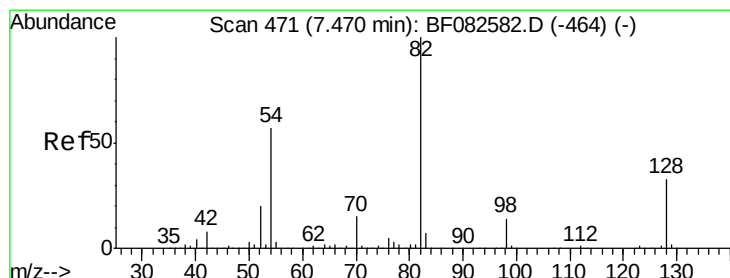
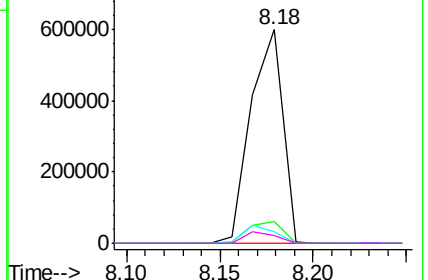
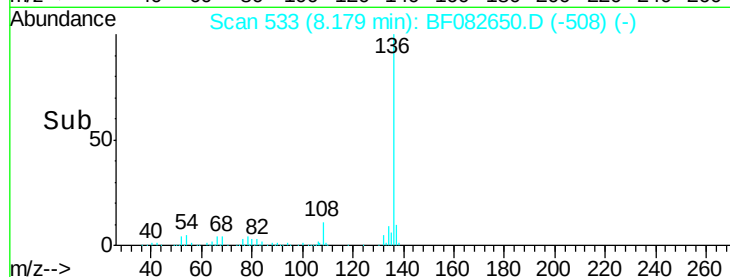


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.07 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.02 min

Lab File: BF082650.D

Acq: 3 Nov 2015 00:28

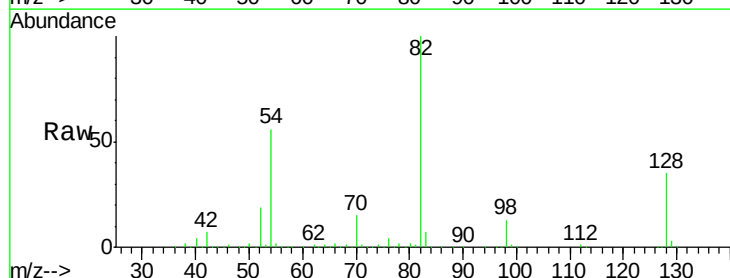
Tgt Ion: 82 Resp: 1328323

Ion Ratio Lower Upper

82 100

128 35.4 26.8 40.2

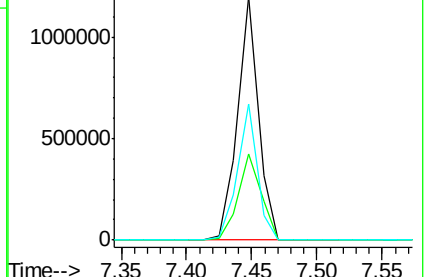
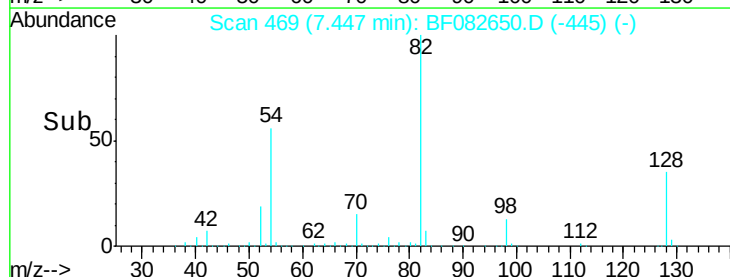
54 55.8 45.7 68.5

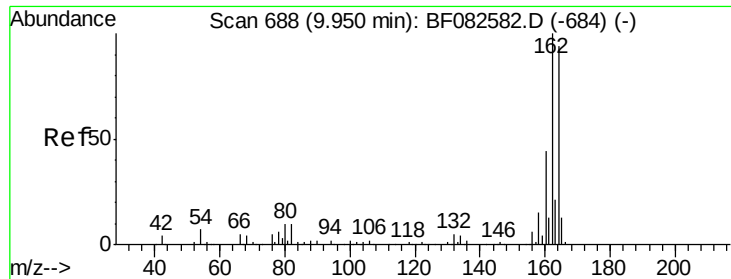


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF082650.D

Acq: 3 Nov 2015 00:28

Instrument :

BNA_F

ClientSampleId :

T-20L

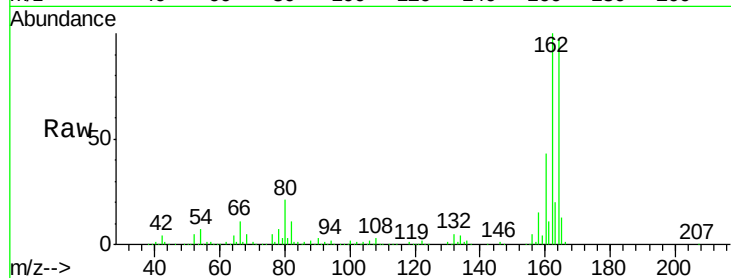
Tot Ion:164 Resp: 326538

Ion Ratio Lower Upper

164 100

162 103.5 84.9 127.3

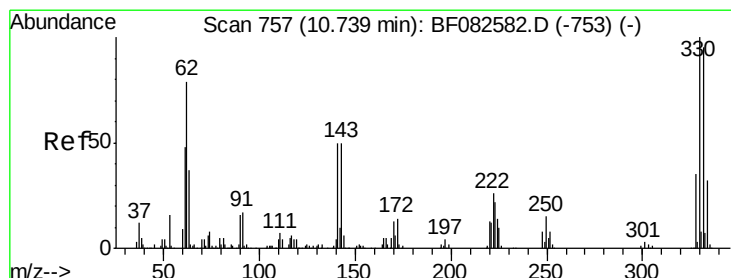
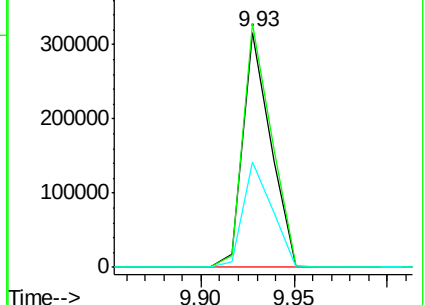
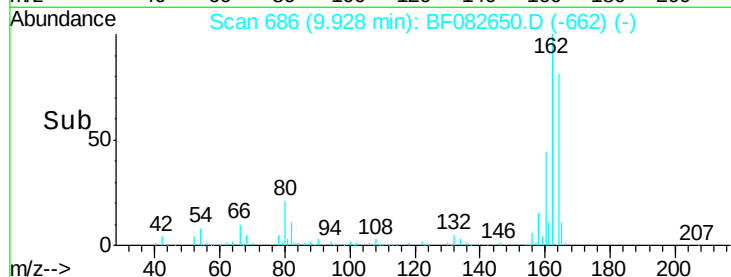
160 44.6 37.5 56.3



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: 122.62 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF082650.D

Acq: 3 Nov 2015 00:28

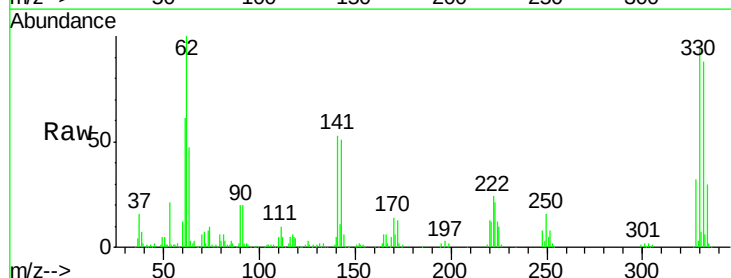
Tgt Ion:330 Resp: 438194

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

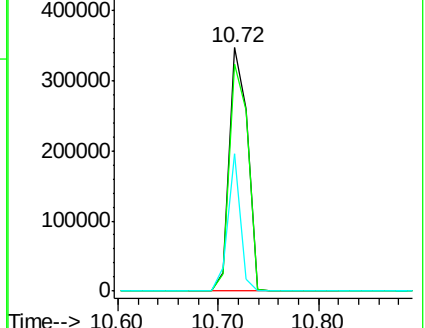
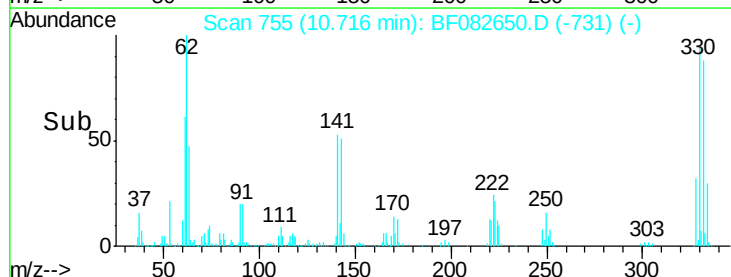
141 39.0 41.2 61.8#

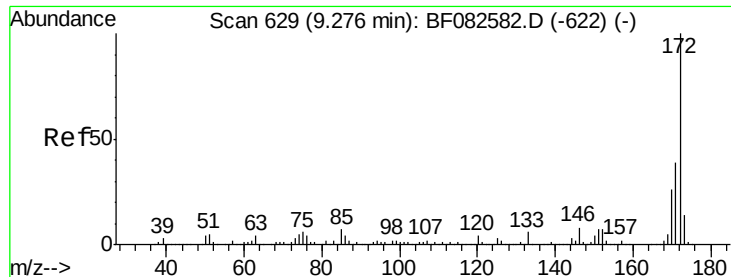


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

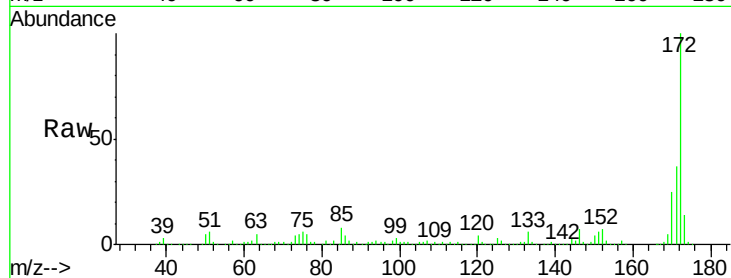




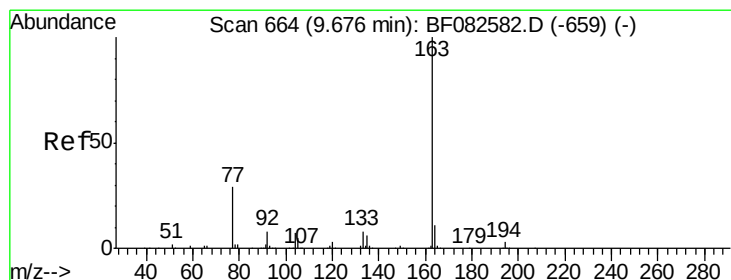
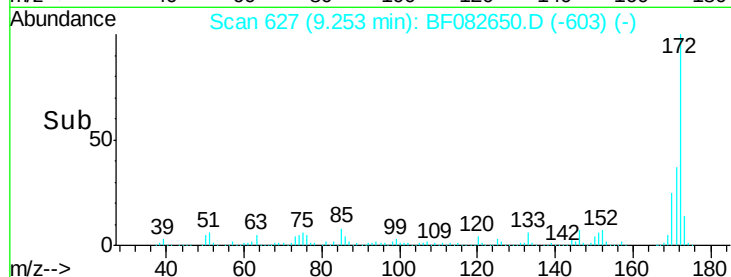
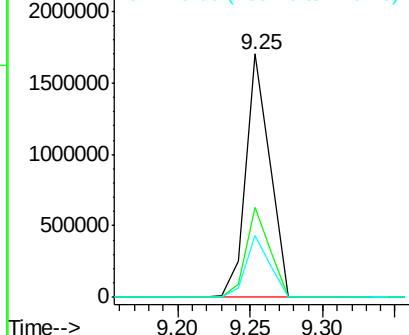
#44
 2-Fluorobiphenyl
 Concen: 84.90 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF082650.D
 Acq: 3 Nov 2015 00:28

Instrument :
 BNA_F
 ClientSampleId :
 T-20L

Tot Ion:172 Resp: 1952483
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.8 46.2
 170 25.2 21.2 31.8

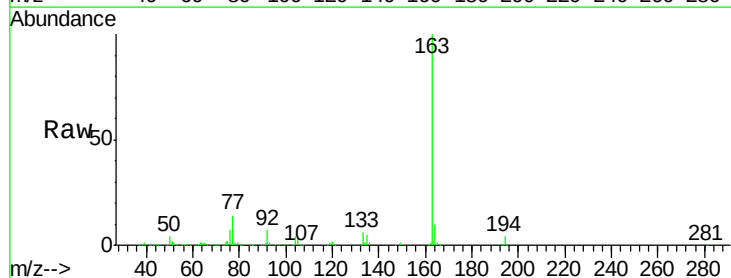


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

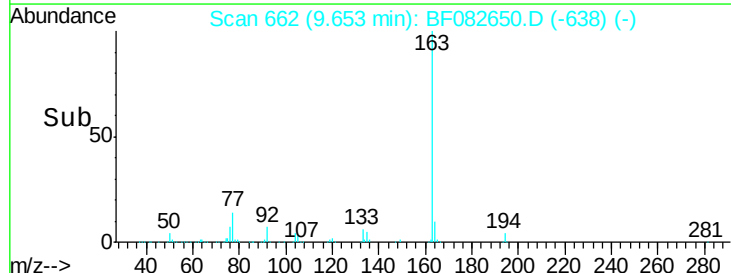
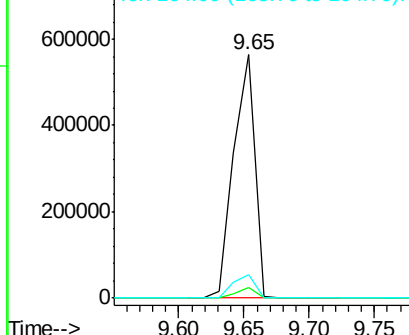


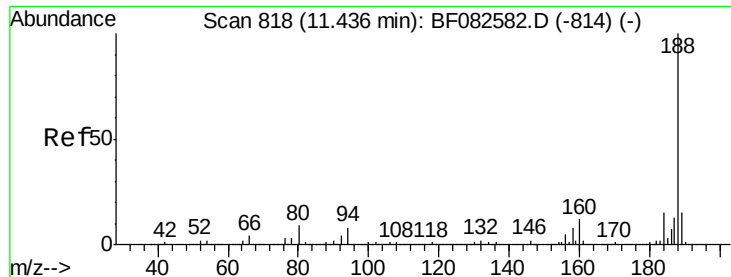
#49
 Dimethylphthalate
 Concen: 23.66 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF082650.D
 Acq: 3 Nov 2015 00:28

Tgt Ion:163 Resp: 630917
 Ion Ratio Lower Upper
 163 100
 194 4.2 2.6 4.0#
 164 9.8 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

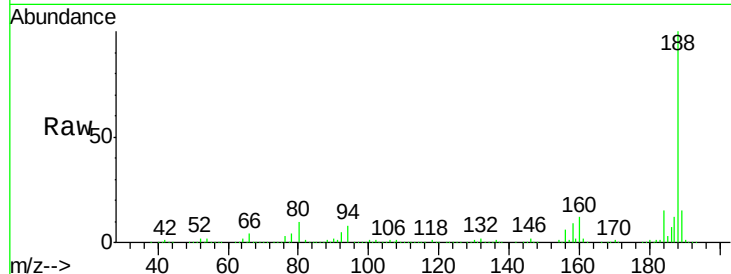




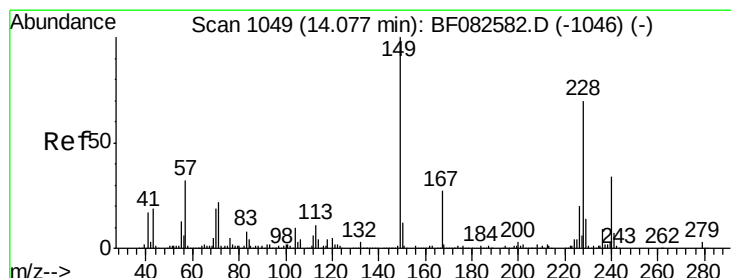
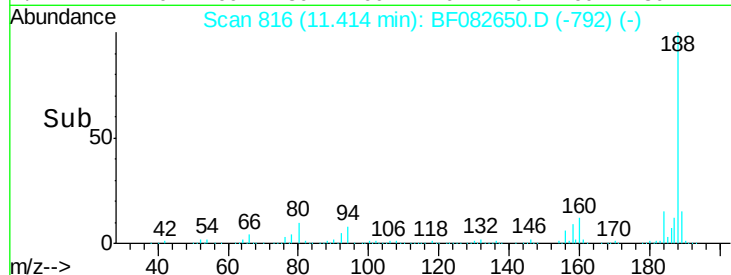
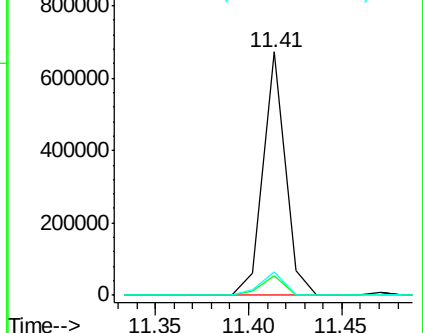
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF082650.D
Acq: 3 Nov 2015 00:28

Instrument :
BNA_F
ClientSampleId :
T-20L

Tot Ion:188 Resp: 552164
Ion Ratio Lower Upper
188 100
94 8.3 6.1 9.1
80 9.8 7.0 10.6

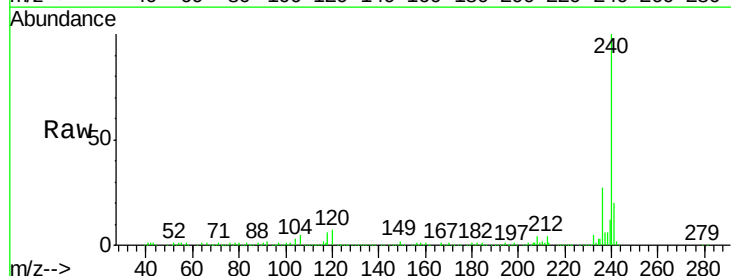


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

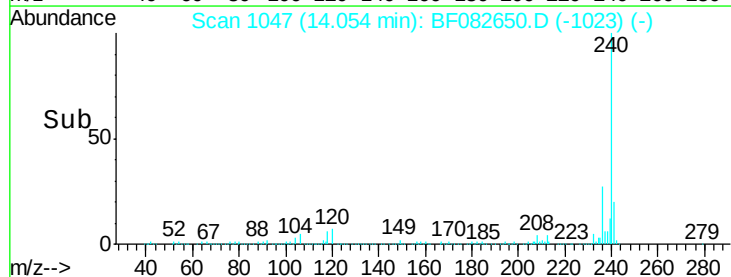
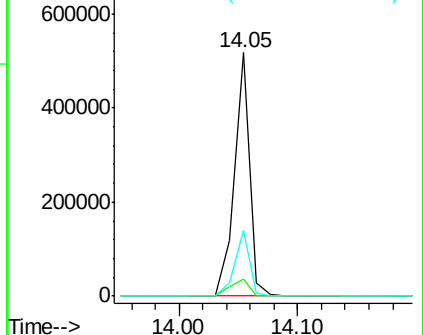


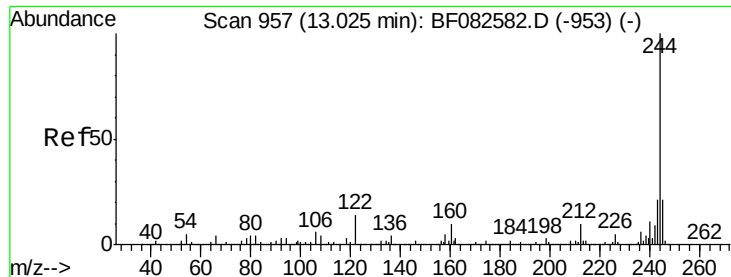
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF082650.D
Acq: 3 Nov 2015 00:28

Tgt Ion:240 Resp: 458729
Ion Ratio Lower Upper
240 100
120 6.8 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

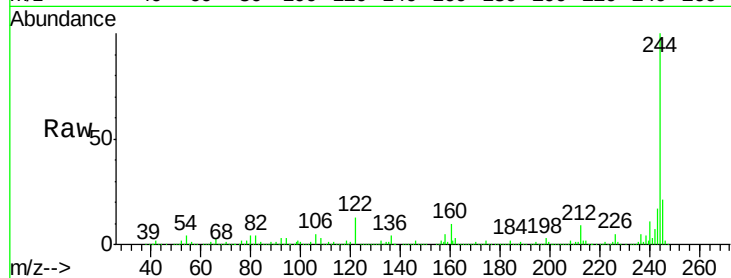




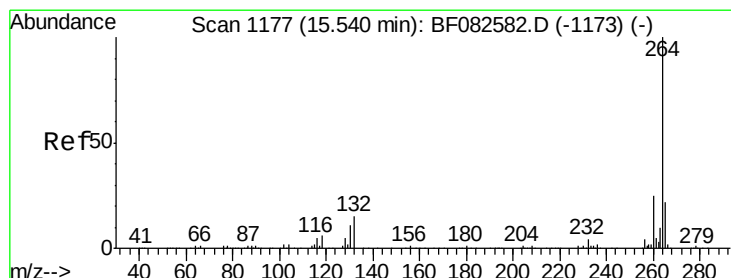
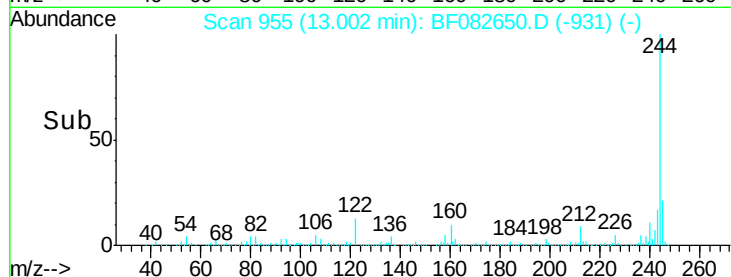
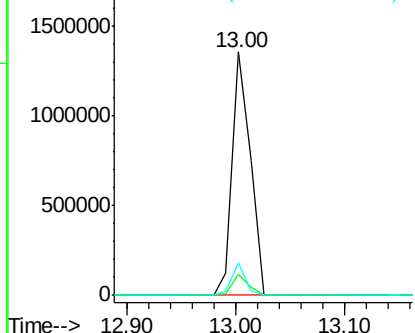
#78
 Terphenyl-d14
 Concen: 73.21 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF082650.D
 Acq: 3 Nov 2015 00:28

Instrument :
 BNA_F
 ClientSampleId :
 T-20L

Tot Ion:244 Resp: 1534472
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.6 11.4
 122 13.5 11.3 16.9

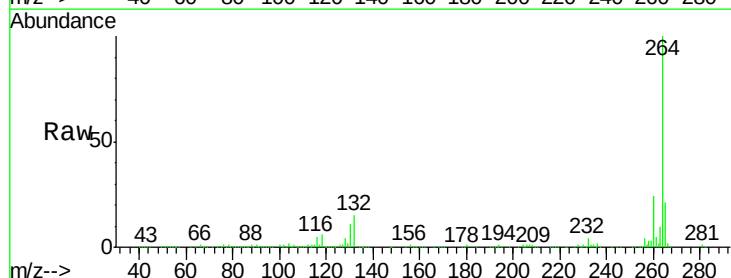


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.05 min
 Lab File: BF082650.D
 Acq: 3 Nov 2015 00:28

Tgt Ion:264 Resp: 393423
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.8 29.6
 265 21.0 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

