

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
 Data File : BF092054.D
 Acq On : 30 Dec 2016 19:18
 Operator : UM/SJ
 Sample : H6318-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05R

Quant Time: Dec 30 22:20:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

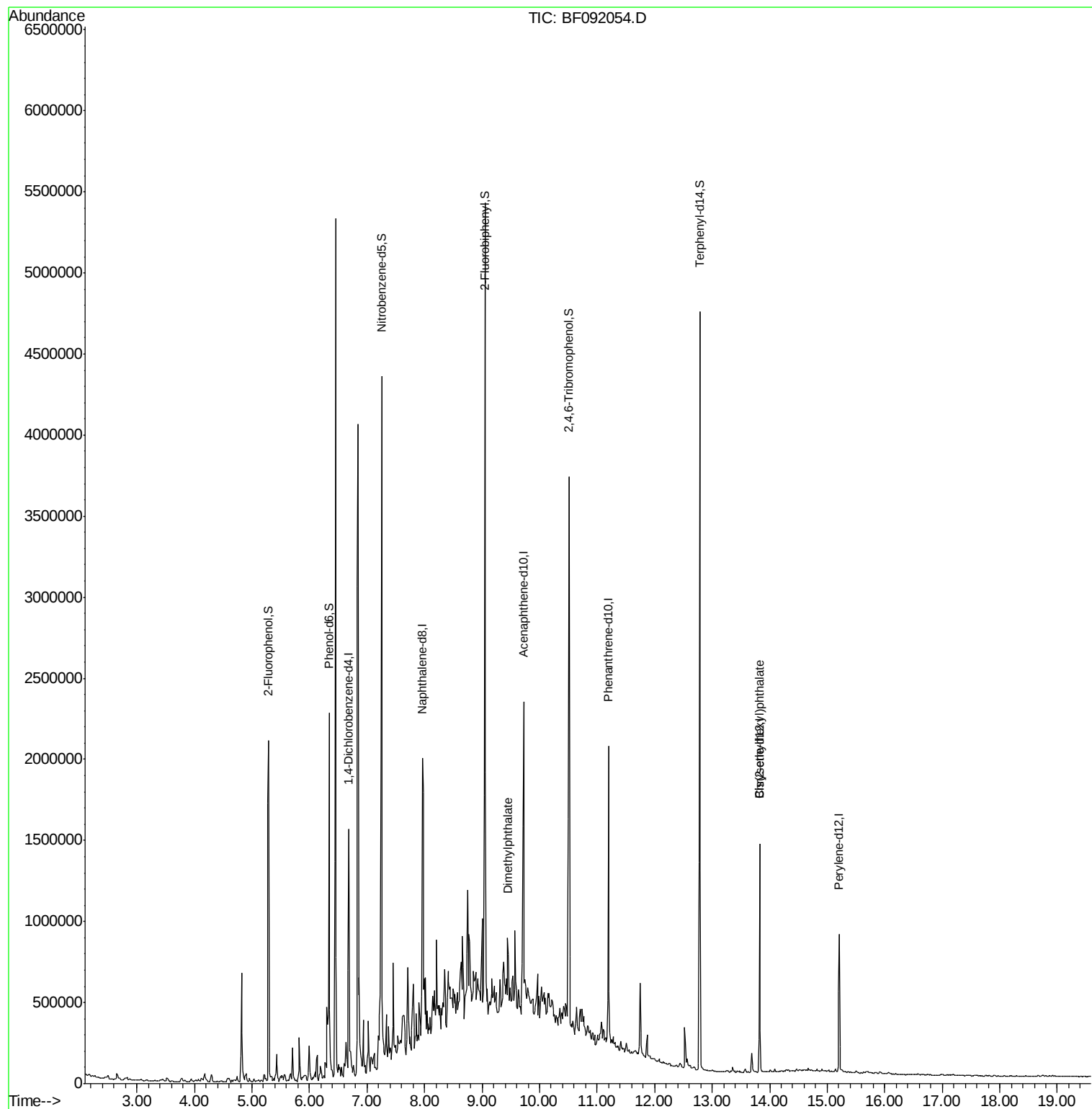
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	238878	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	903053	20.00	ng	-0.03
38) Acenaphthene-d10	9.72	164	483825	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	661409	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	435449	20.00	ng	-0.05
86) Perylene-d12	15.21	264	394443	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	834292	58.32	ng	-0.03
7) Phenol-d6	6.34	99	767808	43.96	ng	-0.05
23) Nitrobenzene-d5	7.25	82	1468608	90.43	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	416226	103.95	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	1853434	77.33	ng	-0.03
78) Terphenyl-d14	12.79	244	1640784	91.38	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	121725	3.93	ng	98
83) Bis(2-ethylhexyl)phthalate	13.83	149	34754	2.03	ng	96

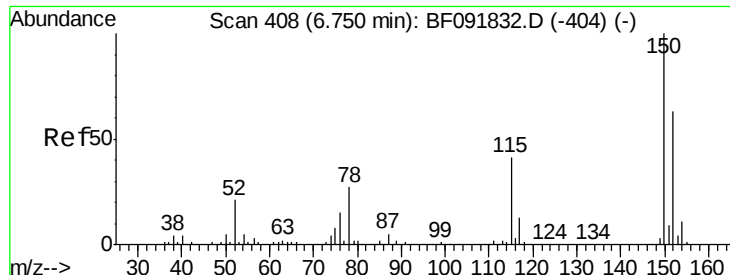
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 28 17:32:10 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

Instrument :

BNA_F

ClientSampleId :

MW-05R

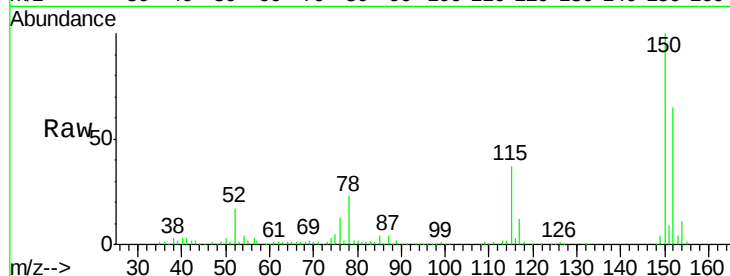
Tot Ion:152 Resp: 238878

Ion Ratio Lower Upper

152 100

150 153.5 124.9 187.3

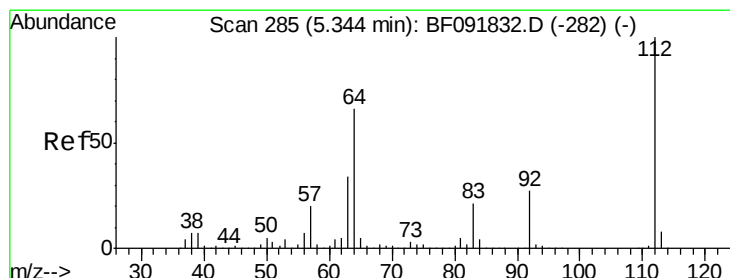
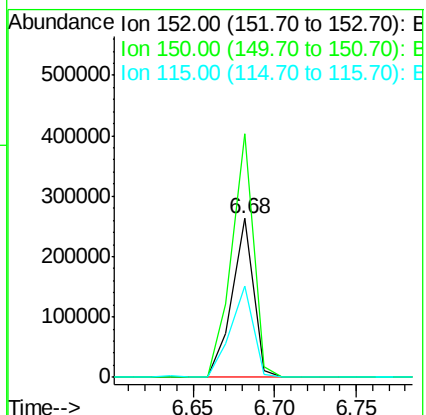
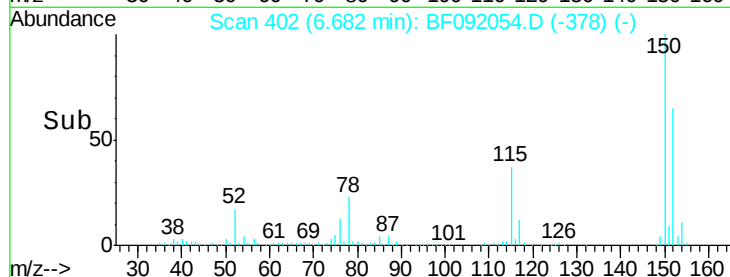
115 57.6 46.0 69.0



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: 58.32 ng

RT: 5.29 min Scan# 280

Delta R.T. -0.03 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

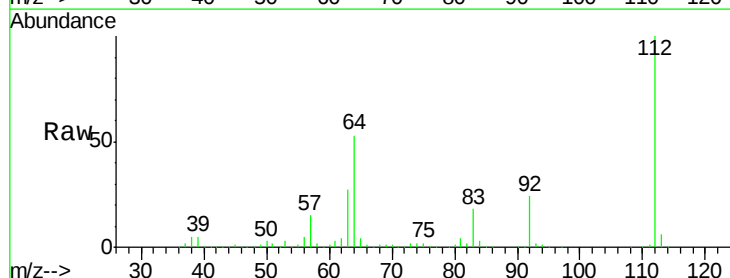
Tgt Ion:112 Resp: 834292

Ion Ratio Lower Upper

112 100

64 53.0 46.1 69.1

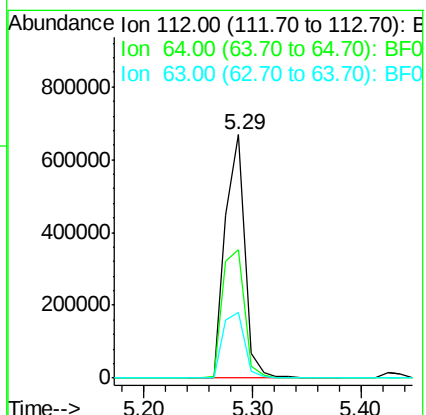
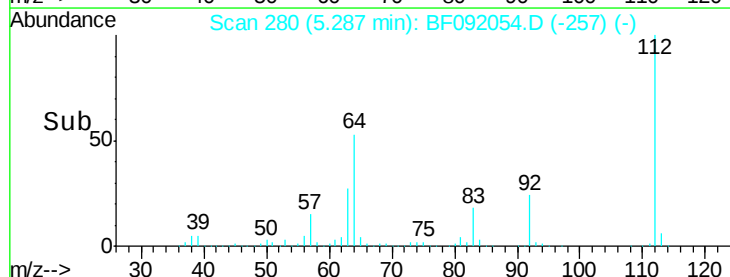
63 27.1 23.8 35.6

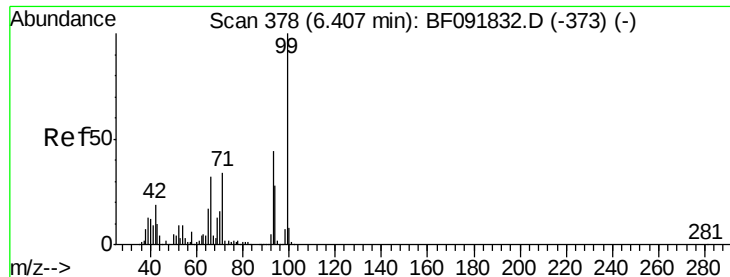


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.96 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

Instrument :

BNA_F

ClientSampled :

MW-05R

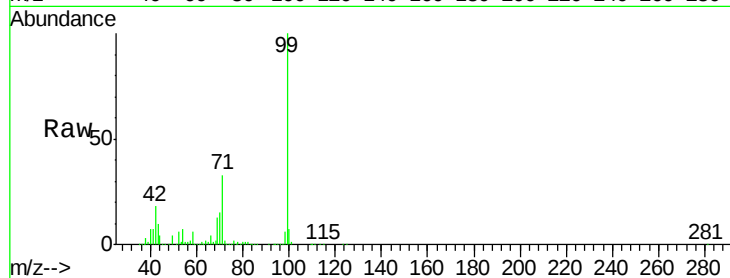
Tot Ion: 99 Resp: 767808

Ion Ratio Lower Upper

99 100

42 18.1 15.6 23.4

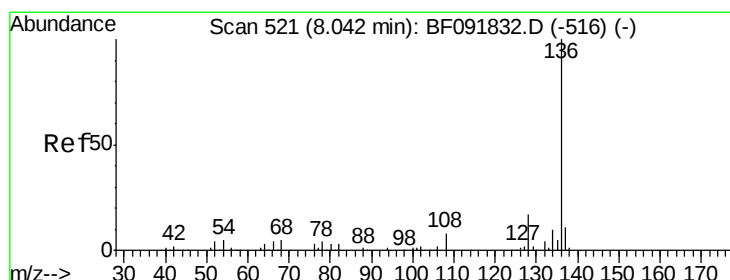
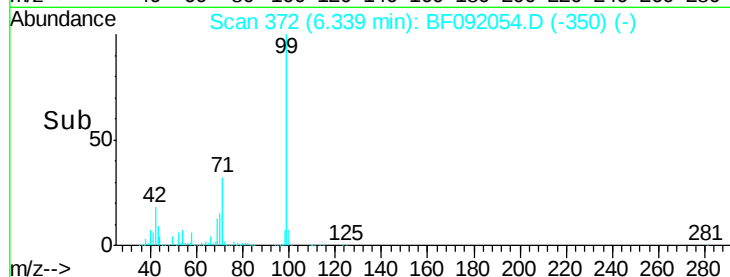
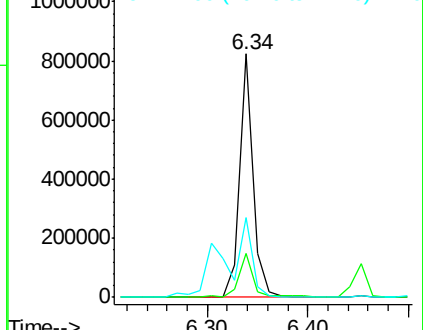
71 32.6 27.5 41.3



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: 7.96 min Scan# 514

Delta R.T. -0.03 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

Tgt Ion: 136 Resp: 903053

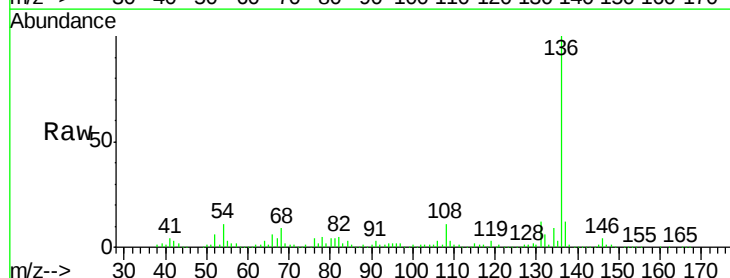
Ion Ratio Lower Upper

136 100

137 11.6 8.4 12.6

54 10.9 4.5 6.7#

68 8.5 3.6 5.4#

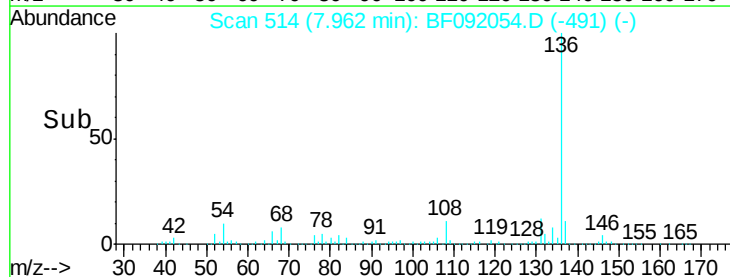
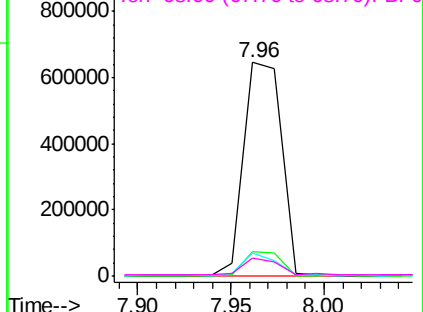


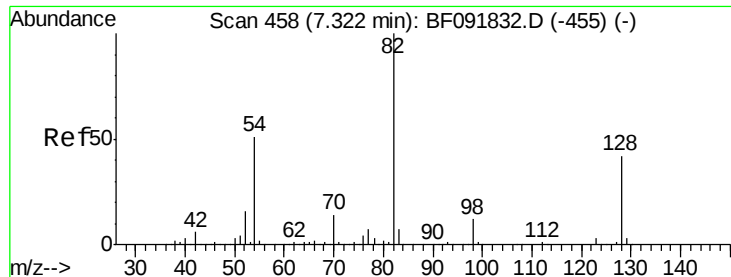
Abundance Ion 136.00 (135.70 to 136.70): E

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

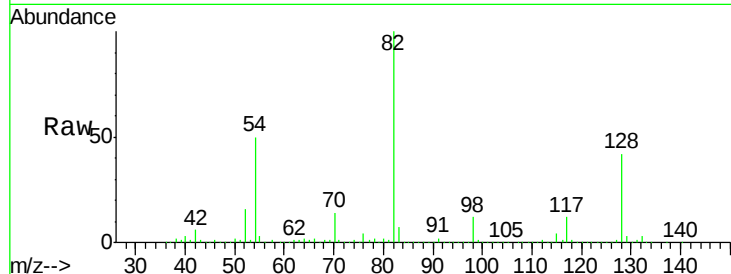




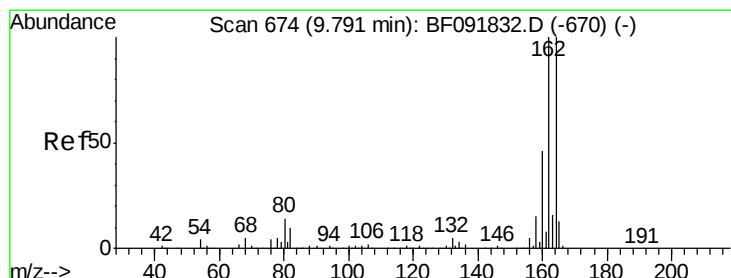
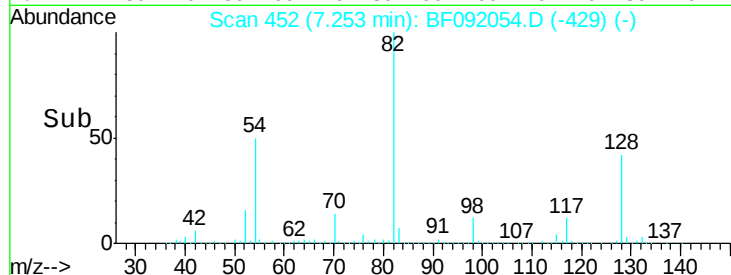
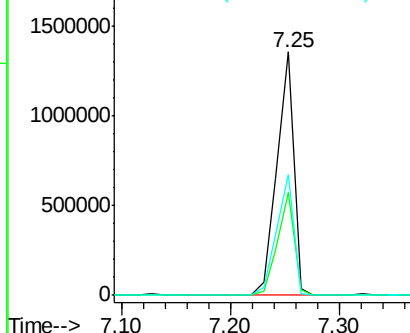
#23
 Nitrobenzene-d5
 Concen: 90.43 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.03 min
 Lab File: BF092054.D
 Acq: 30 Dec 2016 19:18

Instrument :
 BNA_F
 ClientSampleID :
 MW-05R

Tot Ion: 82 Resp: 1468608
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.6 52.0
 54 49.7 39.5 59.3

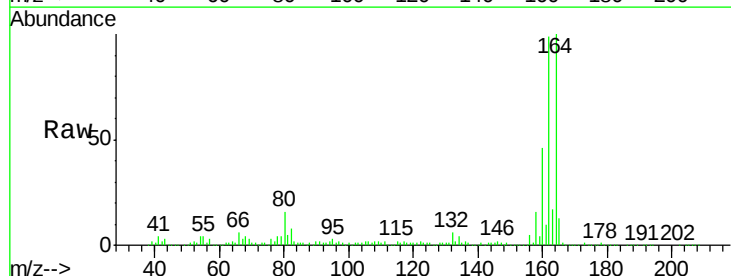


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

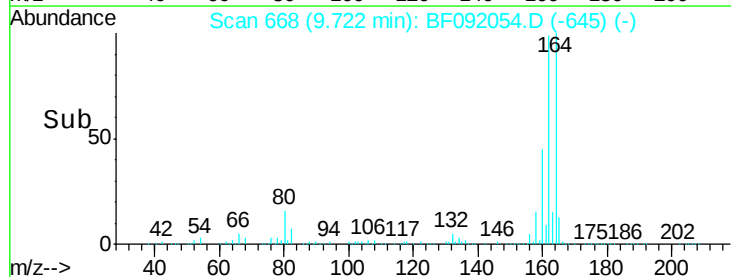
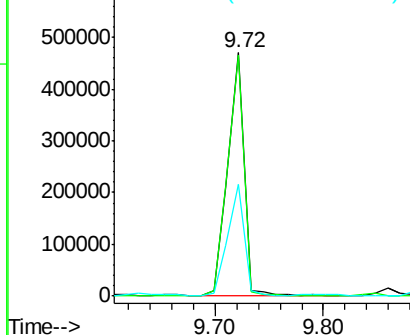


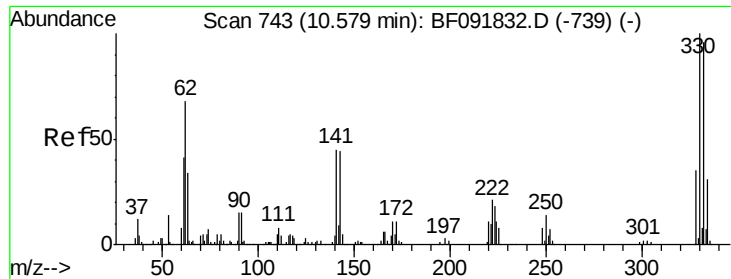
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.03 min
 Lab File: BF092054.D
 Acq: 30 Dec 2016 19:18

Tgt Ion: 164 Resp: 483825
 Ion Ratio Lower Upper
 164 100
 162 99.1 80.2 120.2
 160 45.7 36.9 55.3



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

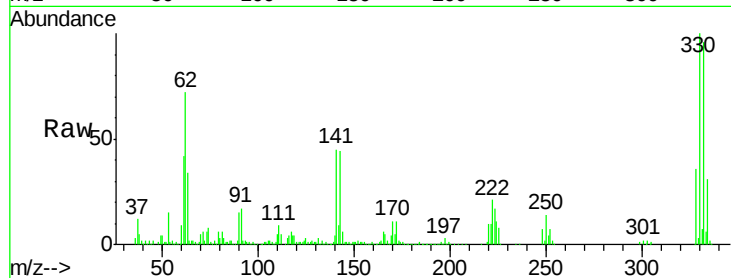




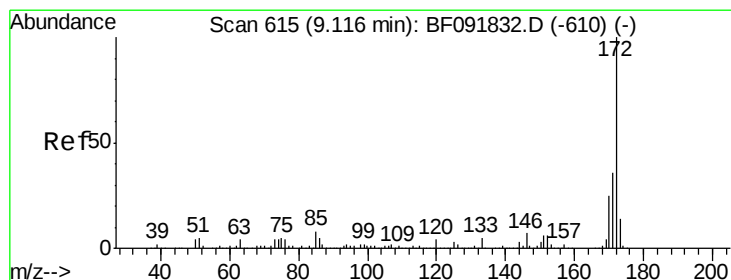
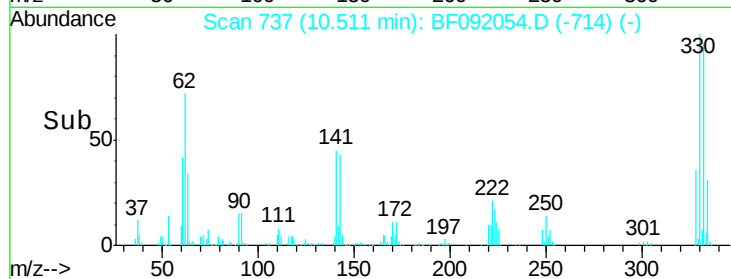
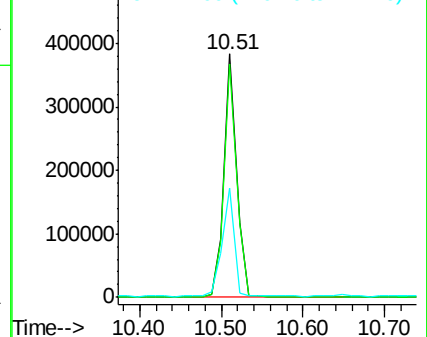
#41
 2,4,6-Tribromophenol
 Concen: 103.95 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.03 min
 Lab File: BF092054.D
 Acq: 30 Dec 2016 19:18

Instrument :
 BNA_F
 ClientSampleID :
 MW-05R

Tot Ion:330 Resp: 416226
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 41.6 34.1 51.1

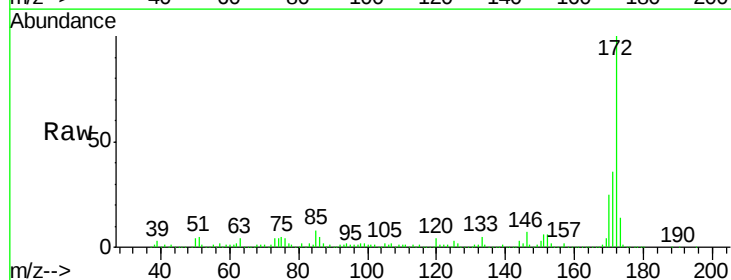


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

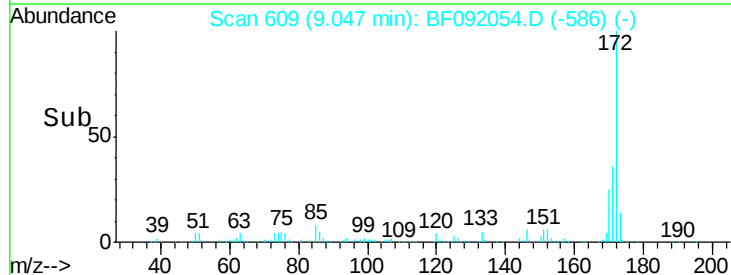
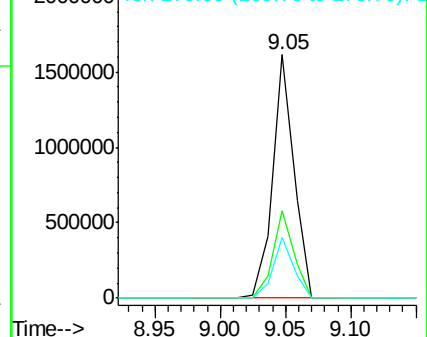


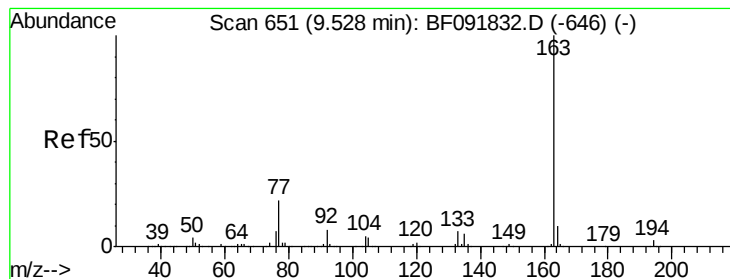
#44
 2-Fluorobiphenyl
 Concen: 77.33 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF092054.D
 Acq: 30 Dec 2016 19:18

Tgt Ion:172 Resp: 1853434
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.6 20.2 30.4



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: 3.93 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.05 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

Instrument :

BNA_F

ClientSampleId :

MW-05R

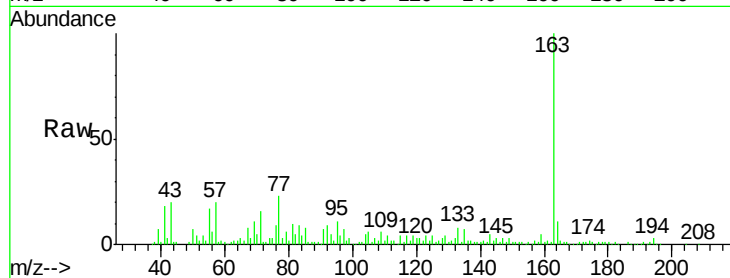
Tot Ion:163 Resp: 121725

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

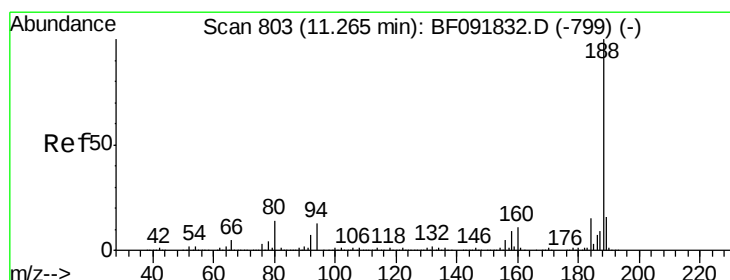
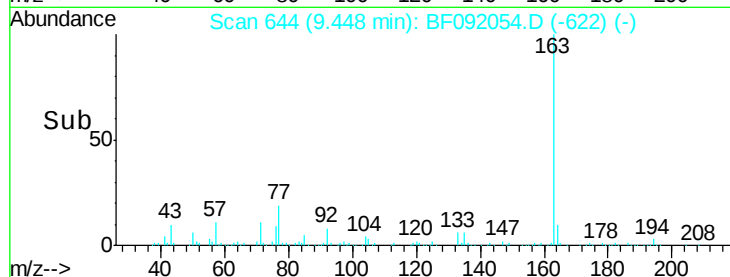
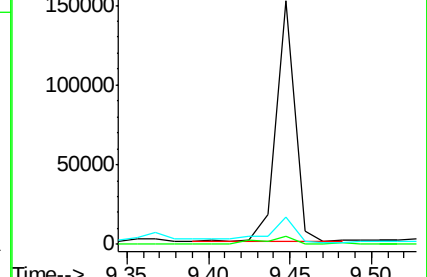
164 11.0 8.0 12.0



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: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

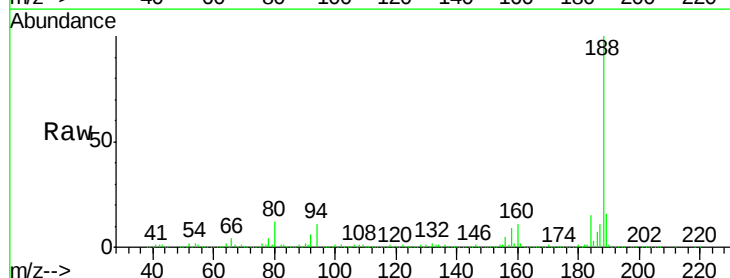
Tgt Ion:188 Resp: 661409

Ion Ratio Lower Upper

188 100

94 10.9 10.0 15.0

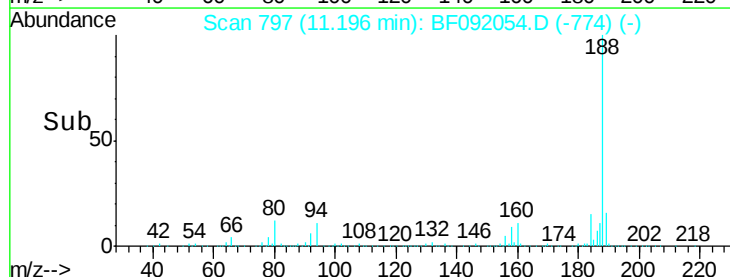
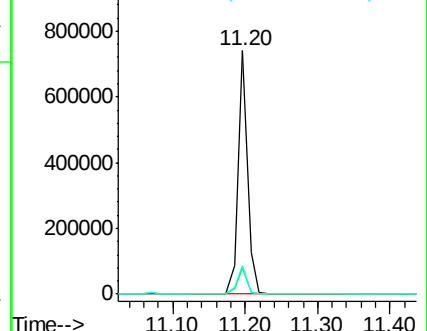
80 11.7 11.2 16.8

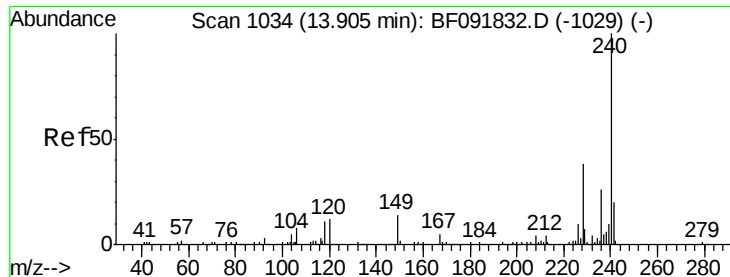


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.83 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

Instrument :

BNA_F

ClientSampleId :

MW-05R

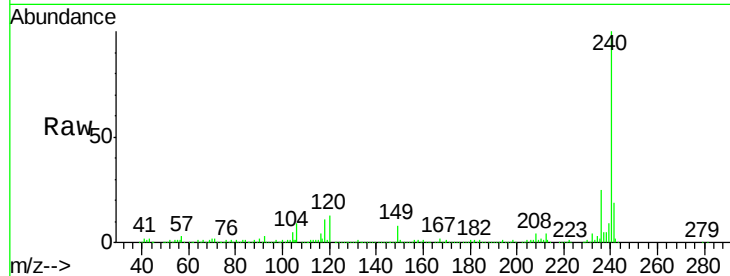
Tot Ion:240 Resp: 435449

Ion Ratio Lower Upper

240 100

120 12.6 12.9 19.3#

236 25.4 20.9 31.3

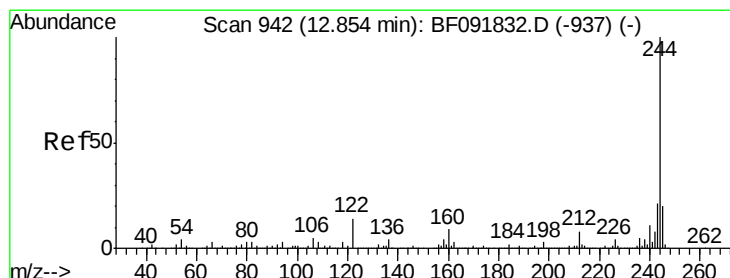
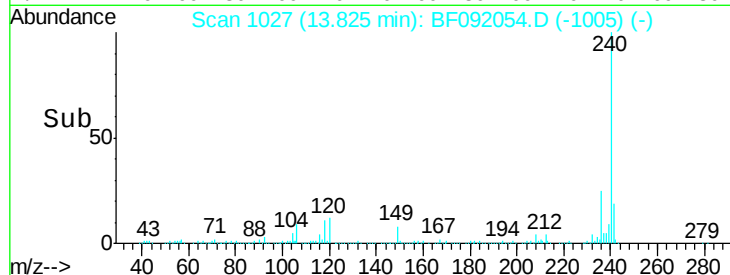
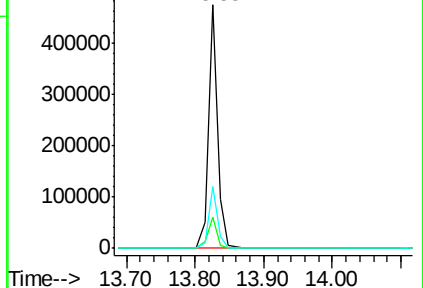


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.83



#78

Terphenyl-d14

Concen: 91.38 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

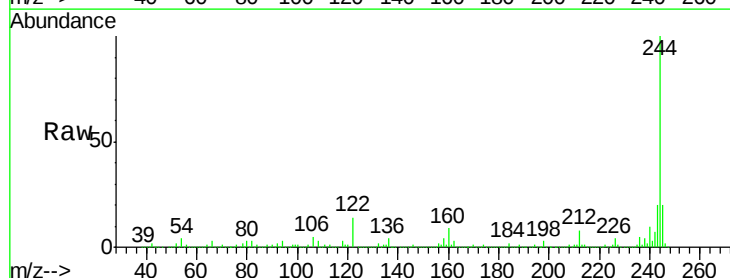
Tgt Ion:244 Resp: 1640784

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 13.8 11.4 17.2

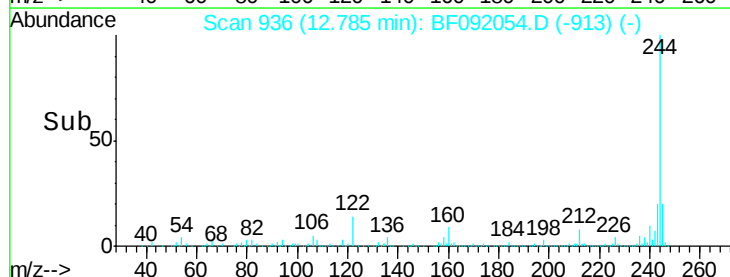
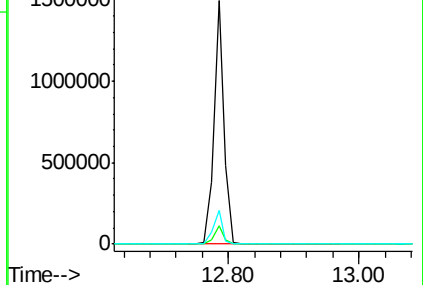


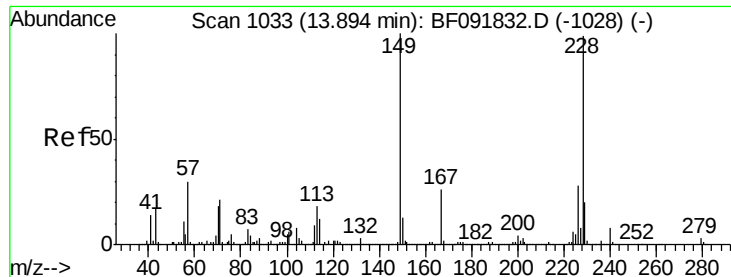
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.79





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.03 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

Instrument :

BNA_F

ClientSampled :

MW-05R

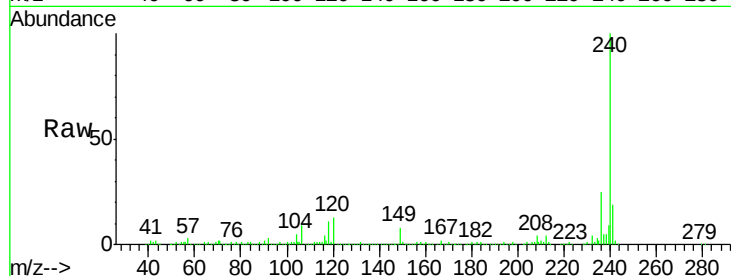
Tot Ion:149 Resp: 34754

Ion Ratio Lower Upper

149 100

167 27.5 20.2 30.4

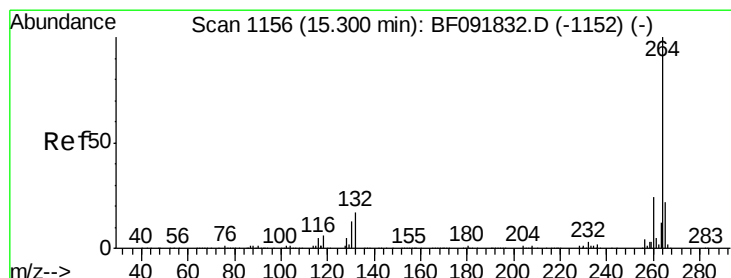
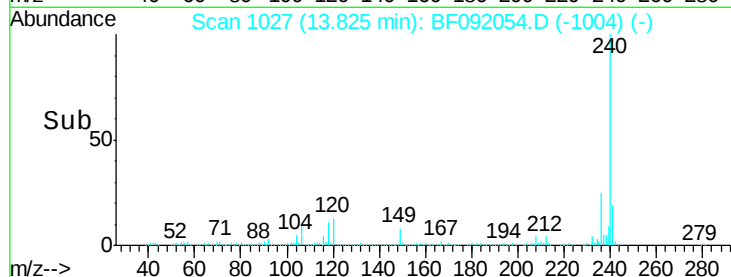
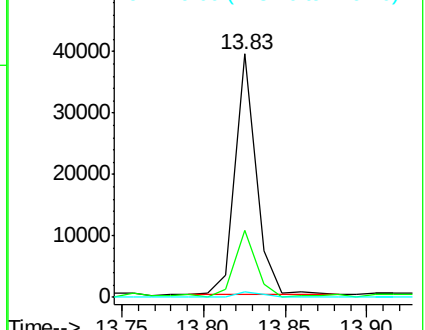
279 2.4 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.21 min Scan# 1148

Delta R.T. -0.05 min

Lab File: BF092054.D

Acq: 30 Dec 2016 19:18

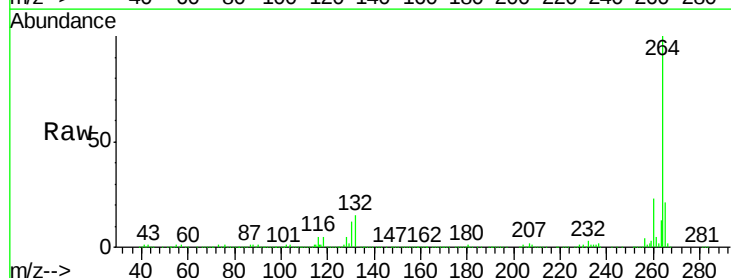
Tgt Ion:264 Resp: 394443

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.2 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

