

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011016\
 Data File : BF084356.D
 Acq On : 10 Jan 2016 11:09
 Operator : SJ/UM
 Sample : H1043-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2S(0-10)

Quant Time: Jan 11 03:56:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

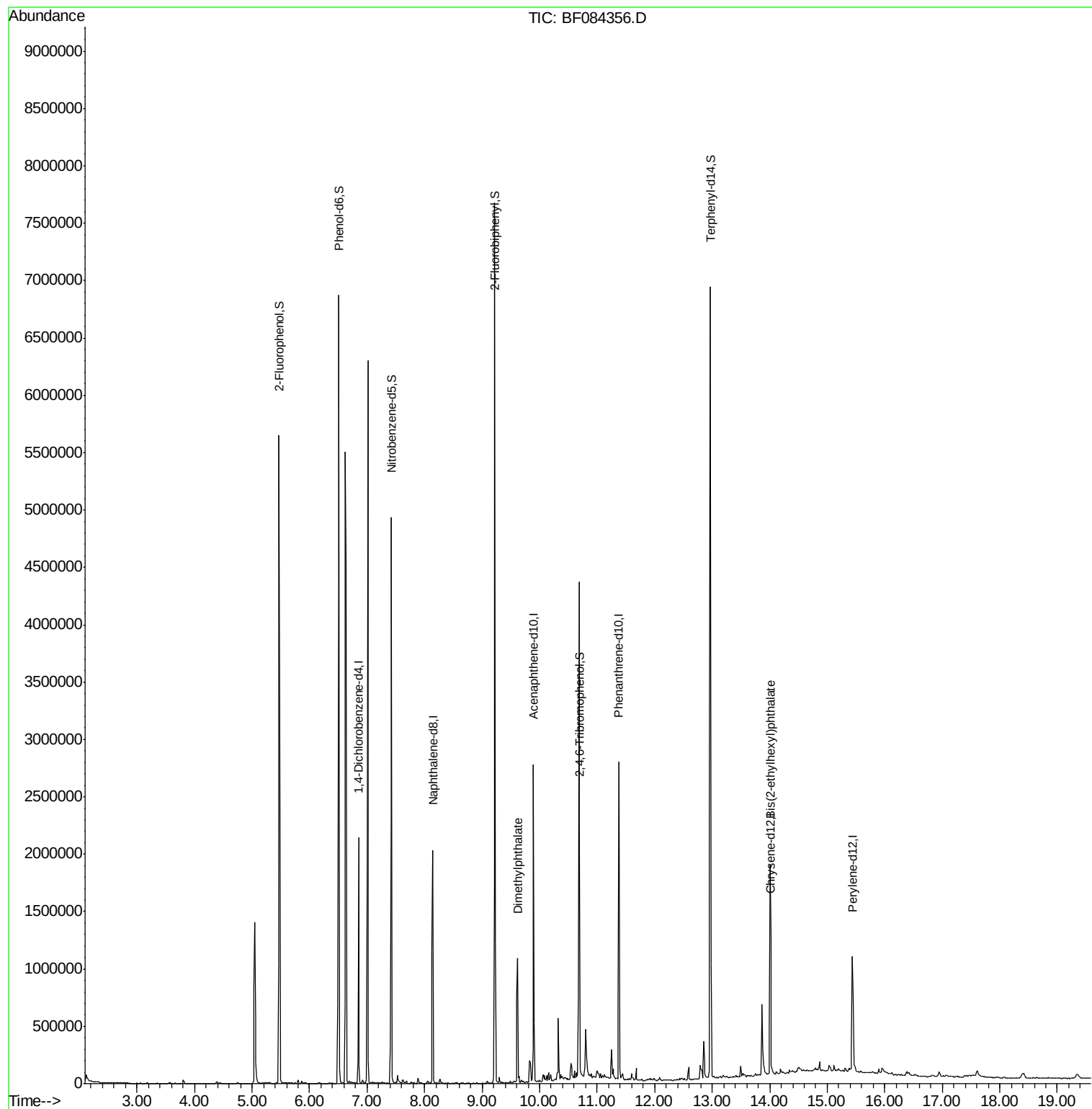
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	268068	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1098187	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	510387	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	951763	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	692293	20.00	ng	-0.05
86) Perylene-d12	15.44	264	504430	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1944670	117.34	ng	-0.02
7) Phenol-d6	6.51	99	2652362	127.43	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1730964	87.72	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	659323	127.95	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2299893	78.81	ng	-0.05
78) Terphenyl-d14	12.97	244	2158702	69.60	ng	-0.05
Target Compounds						
49) Dimethylphthalate	9.62	163	581358	15.93	ng	# 91
83) Bis(2-ethylhexyl)phthalate	14.01	149	144555	4.87	ng	# 93

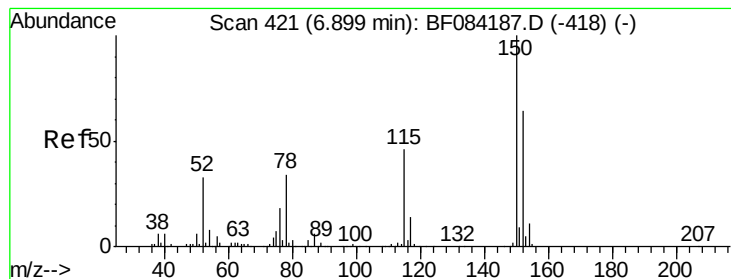
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
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QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

Instrument :

BNA_F

ClientSampleId :

SB-2S(0-10)

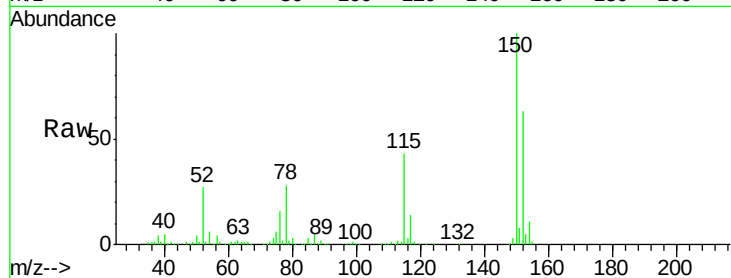
Tot Ion:152 Resp: 268068

Ion Ratio Lower Upper

152 100

150 158.7 123.0 184.4

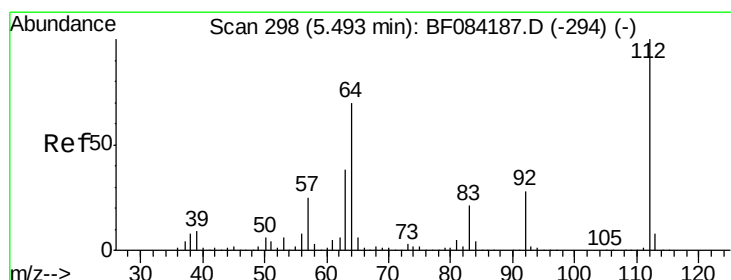
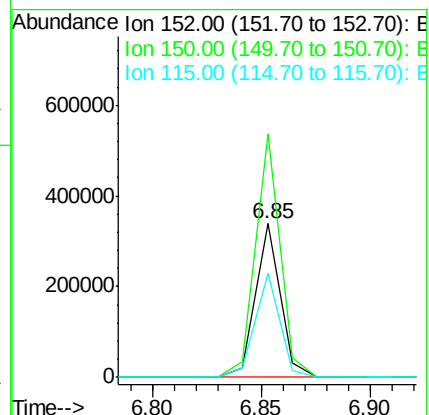
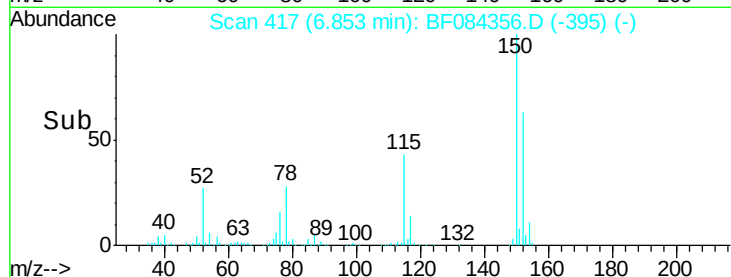
115 67.9 51.4 77.2



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: 117.34 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

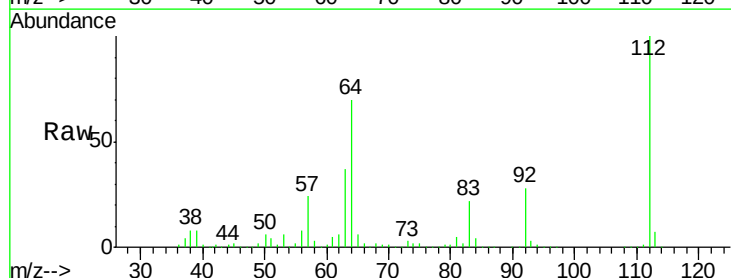
Tgt Ion:112 Resp: 1944670

Ion Ratio Lower Upper

112 100

64 70.2 36.6 55.0#

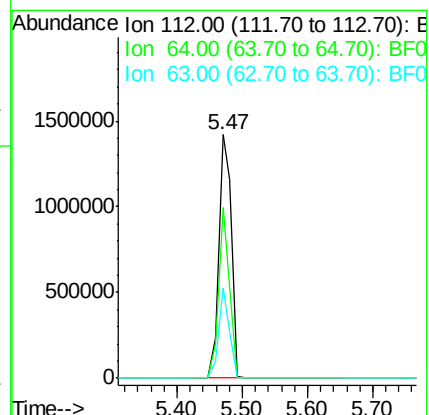
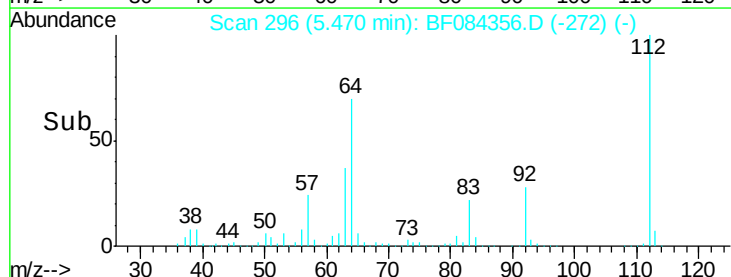
63 37.2 19.4 29.0#

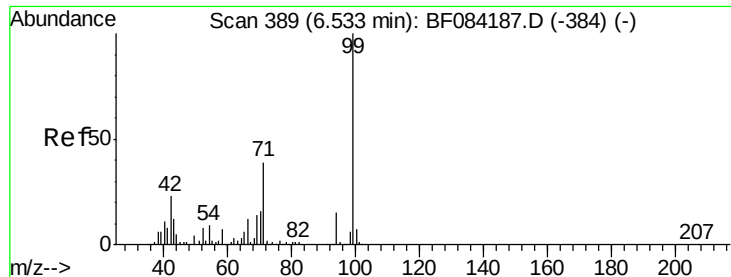


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.43 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

Instrument :

BNA_F

ClientSampleId :

SB-2S(0-10)

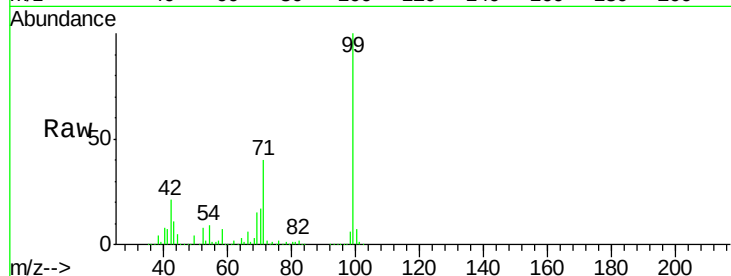
Tot Ion: 99 Resp: 2652362

Ion Ratio Lower Upper

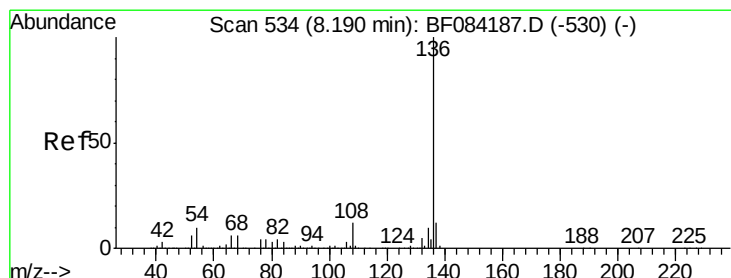
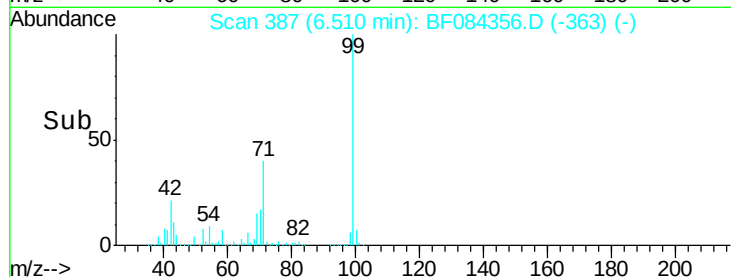
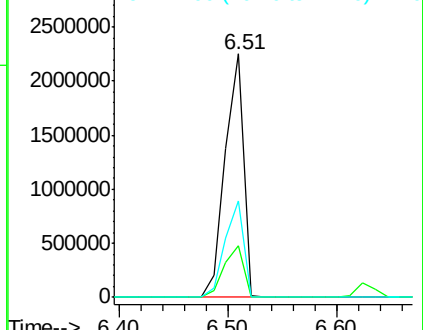
99 100

42 21.3 12.8 19.2#

71 39.6 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: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

Tgt Ion: 136 Resp: 1098187

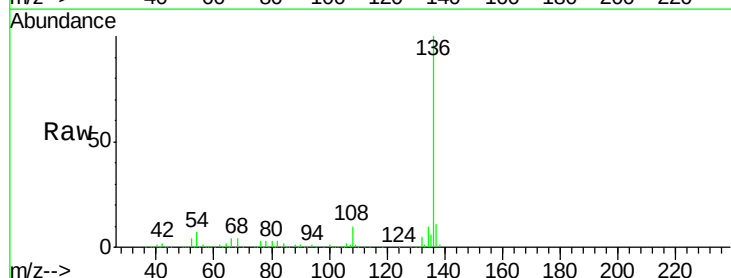
Ion Ratio Lower Upper

136 100

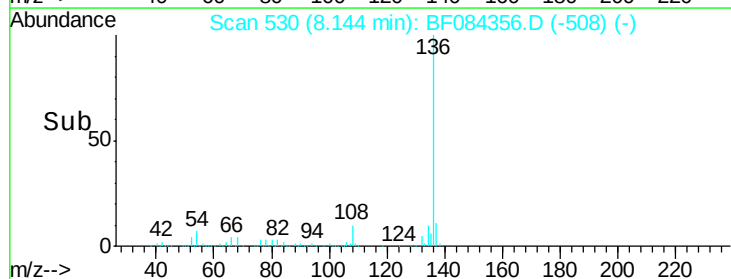
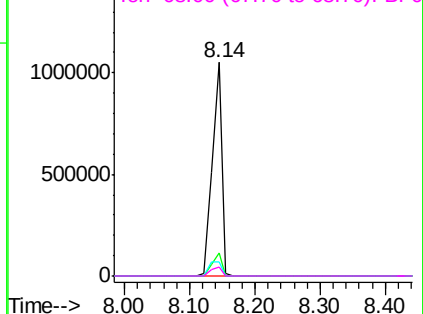
137 10.7 8.7 13.1

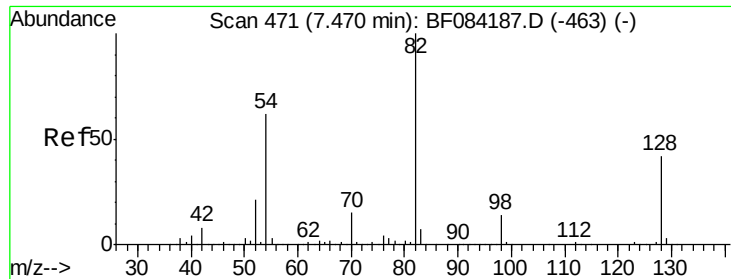
54 6.7 5.8 8.8

68 4.0 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

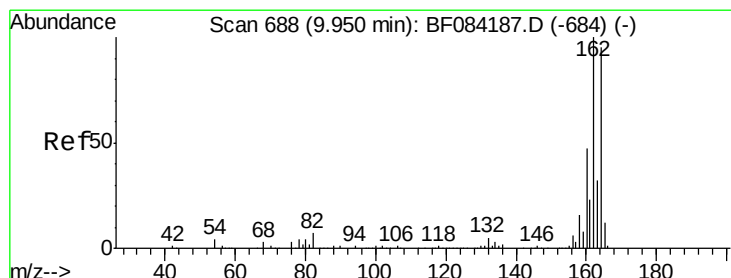
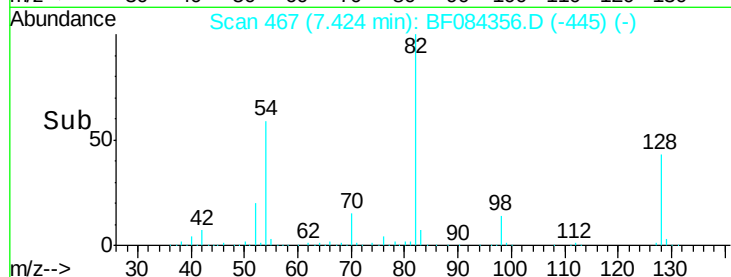
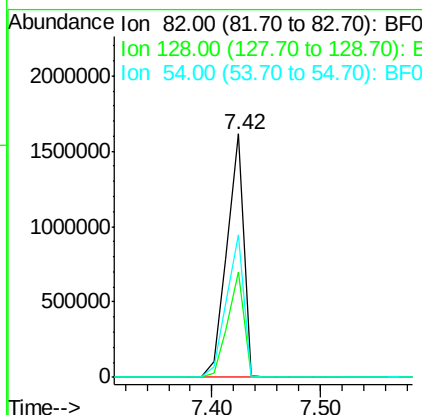
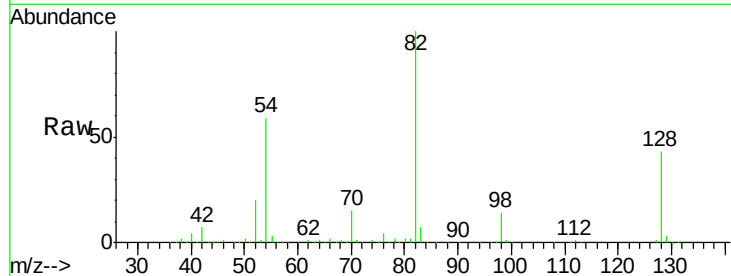




#23
 Nitrobenzene-d5
 Concen: 87.72 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084356.D
 Acq: 10 Jan 2016 11:09

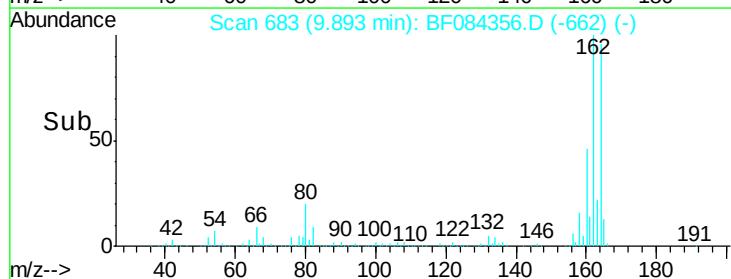
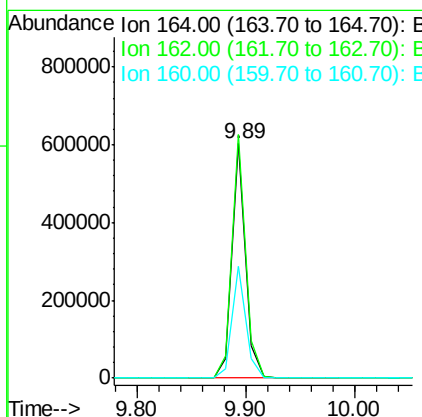
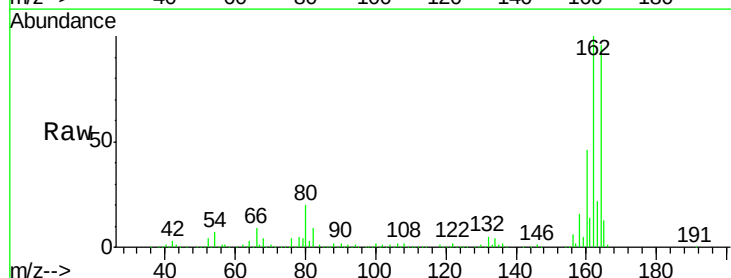
Instrument :
 BNA_F
 ClientSampleId :
 SB-2S(0-10)

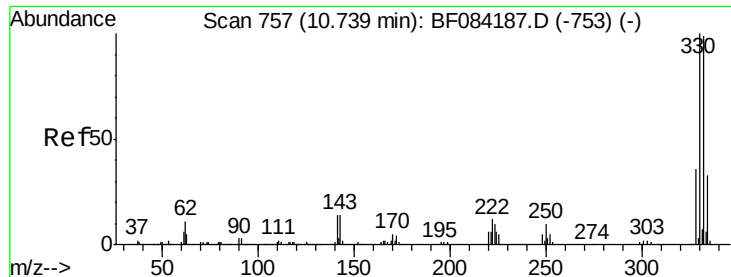
Tot Ion: 82 Resp: 1730964
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.6 51.8
 54 58.6 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.06 min
 Lab File: BF084356.D
 Acq: 10 Jan 2016 11:09

Tgt Ion:164 Resp: 510387
 Ion Ratio Lower Upper
 164 100
 162 103.8 85.1 127.7
 160 47.4 37.5 56.3

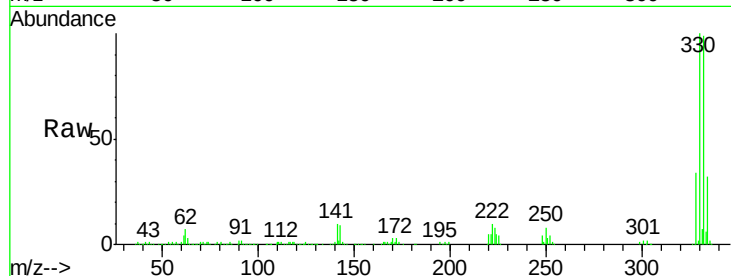




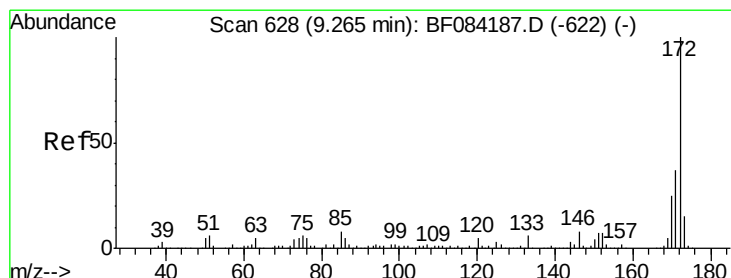
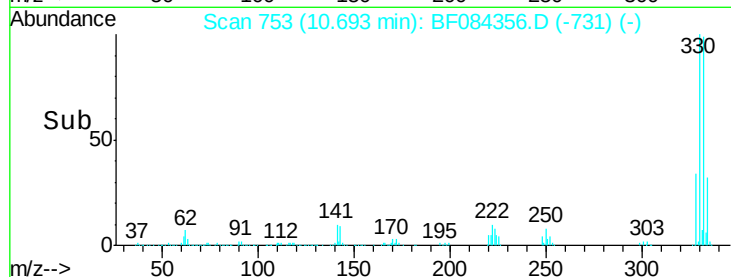
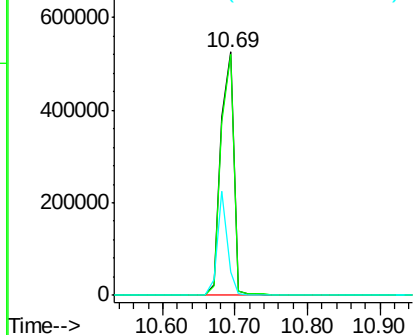
#41
 2,4,6-Tribromophenol
 Concen: 127.95 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084356.D
 Acq: 10 Jan 2016 11:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-2S(0-10)

Tot Ion:330 Resp: 659323
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.6 114.8
 141 33.4 27.8 41.6

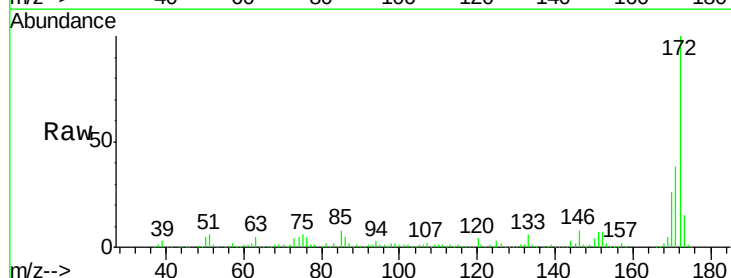


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

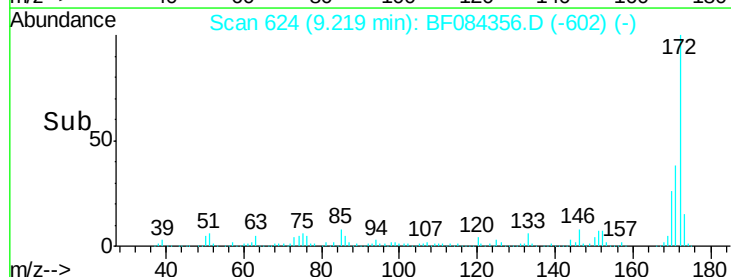
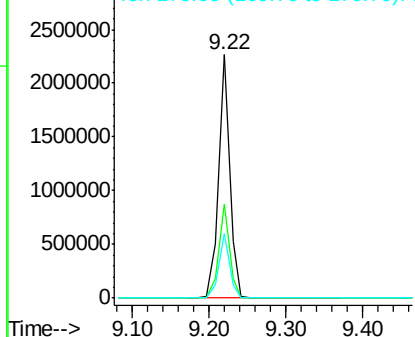


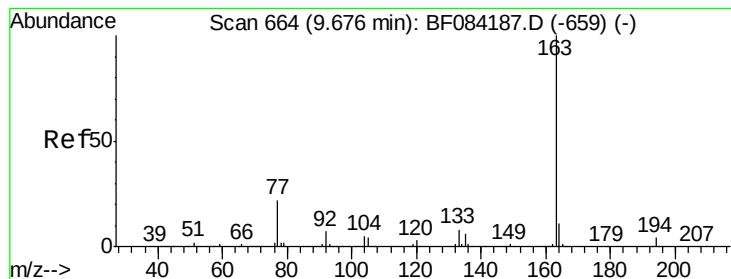
#44
 2-Fluorobiphenyl
 Concen: 78.81 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084356.D
 Acq: 10 Jan 2016 11:09

Tgt Ion:172 Resp: 2299893
 Ion Ratio Lower Upper
 172 100
 171 38.3 28.9 43.3
 170 26.4 18.6 27.8



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: 15.93 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.06 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

Instrument :

BNA_F

ClientSampleId :

SB-2S(0-10)

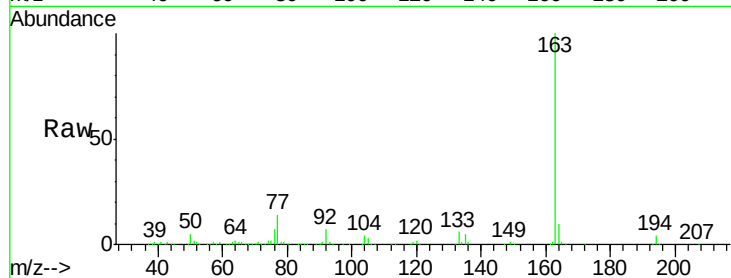
Tot Ion:163 Resp: 581358

Ion Ratio Lower Upper

163 100

194 3.6 8.0 12.0#

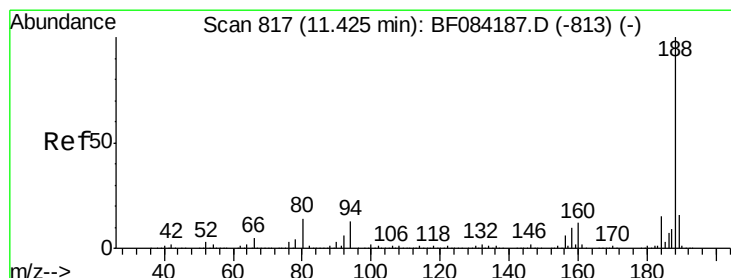
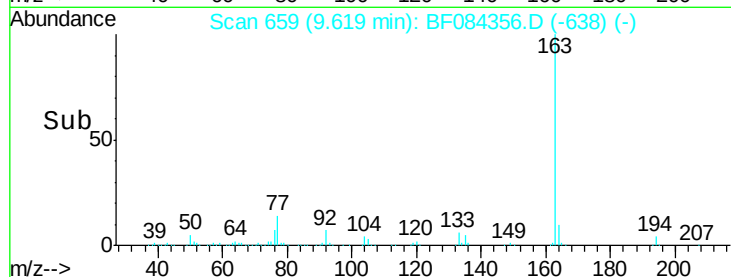
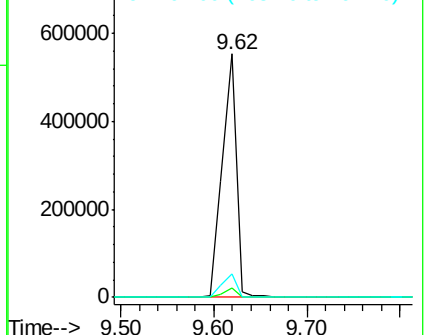
164 9.5 8.0 12.0



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: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

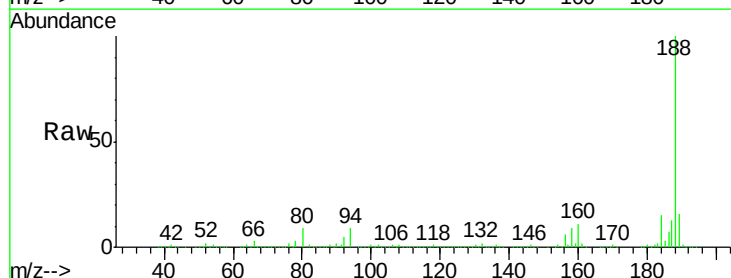
Tgt Ion:188 Resp: 951763

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.4#

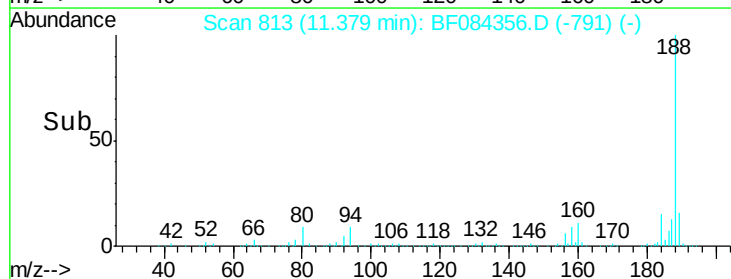
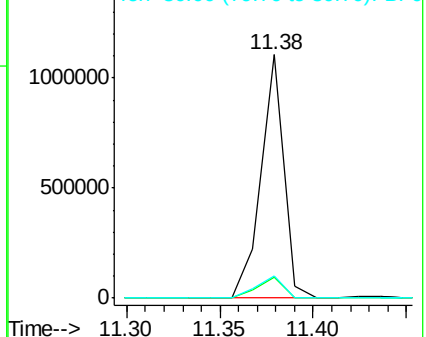
80 8.9 9.6 14.4#

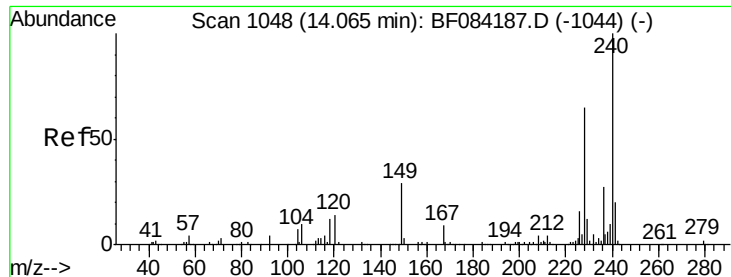


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

Instrument :

BNA_F

ClientSampleId :

SB-2S(0-10)

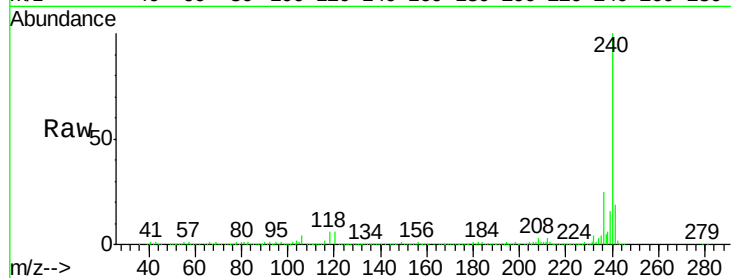
Tot Ion:240 Resp: 692293

Ion Ratio Lower Upper

240 100

120 5.7 9.5 14.3#

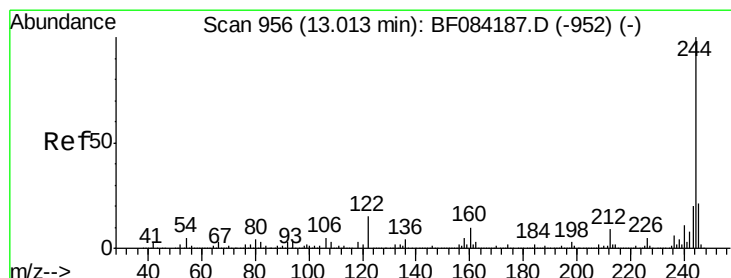
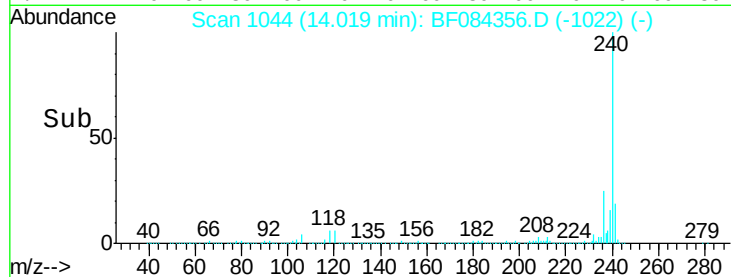
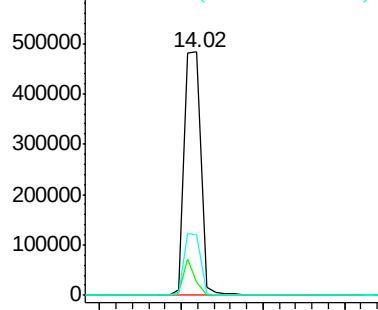
236 25.1 20.6 31.0



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: 69.60 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

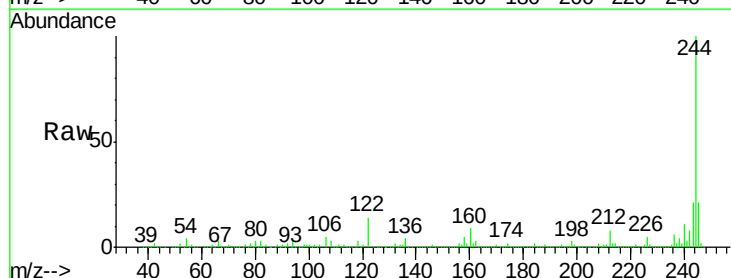
Tgt Ion:244 Resp: 2158702

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

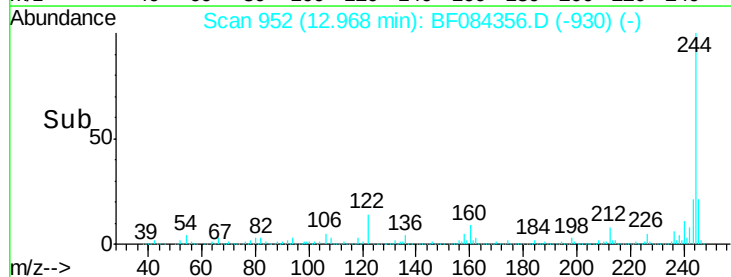
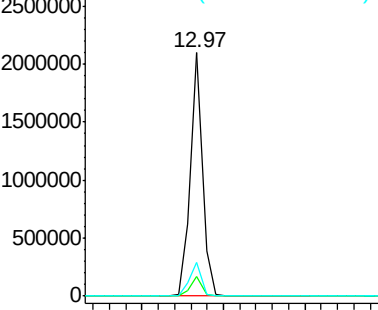
122 13.7 7.4 11.0#

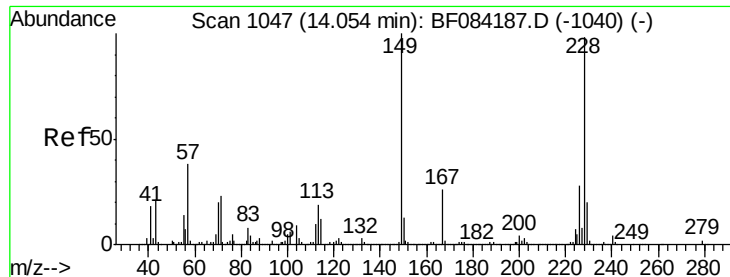


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.87 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

Instrument :

BNA_F

ClientSampleId :

SB-2S(0-10)

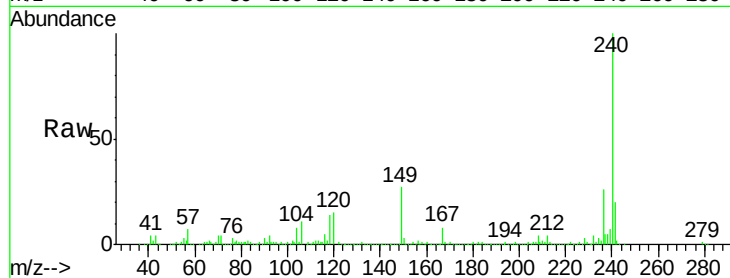
Tot Ion:149 Resp: 144555

Ion Ratio Lower Upper

149 100

167 28.0 19.7 29.5

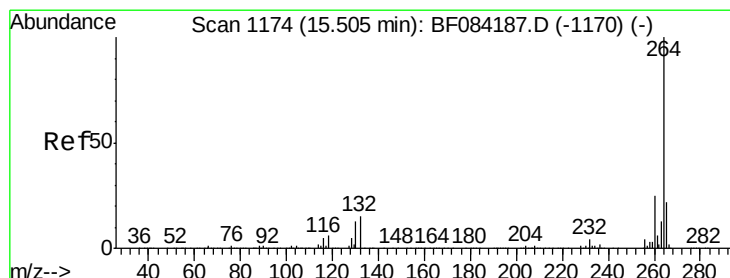
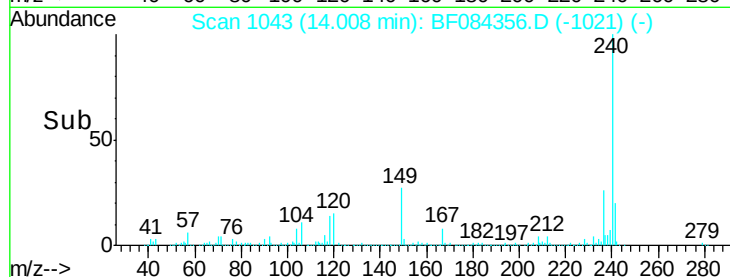
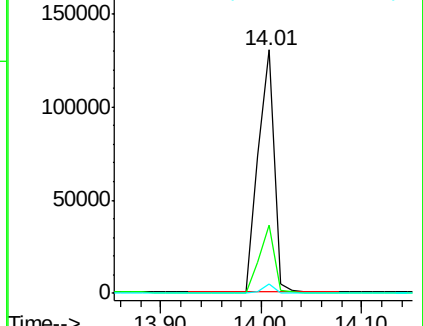
279 4.0 1.8 2.6#



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: 15.44 min Scan# 1168

Delta R.T. -0.07 min

Lab File: BF084356.D

Acq: 10 Jan 2016 11:09

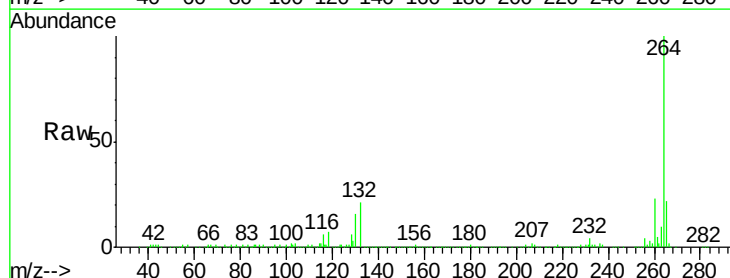
Tgt Ion:264 Resp: 504430

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 22.1 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

