

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094954.D
 Acq On : 6 May 2017 11:20
 Operator : SJ/MA
 Sample : I2947-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-8.5-9.0

Quant Time: May 08 08:10:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

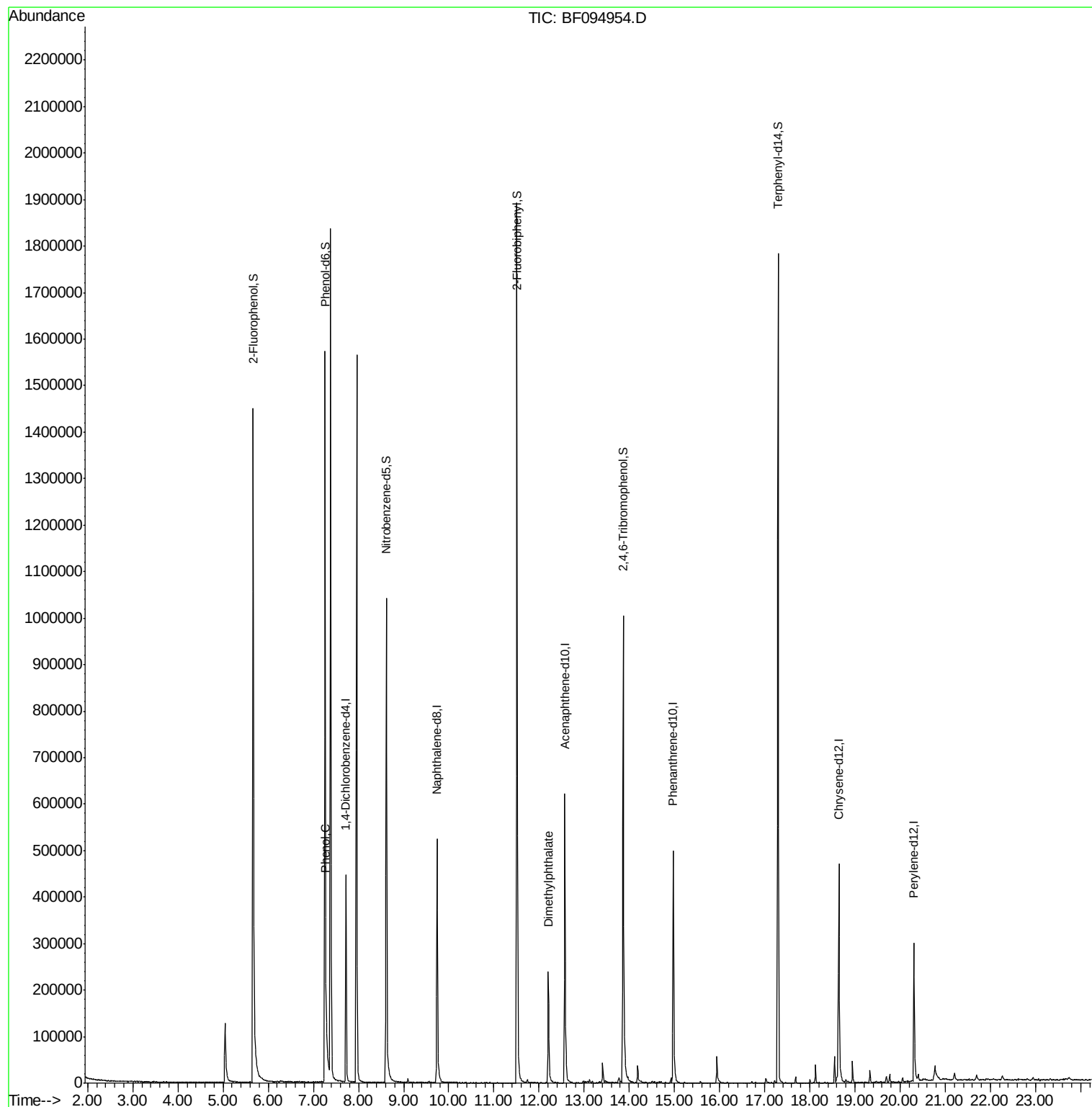
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	96861	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	396706	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	187997	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	314875	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	253983	20.00	ng	-0.01
86) Perylene-d12	20.31	264	164574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	690557	118.86	ng	-0.01
7) Phenol-d6	7.26	99	862921	123.79	ng	-0.02
23) Nitrobenzene-d5	8.62	82	500673	79.58	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	189184	122.88	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	859291	65.79	ng	-0.02
78) Terphenyl-d14	17.29	244	711777	61.73	ng	-0.02
Target Compounds						
10) Phenol	7.28	94	23038	3.14	ng	82
49) Dimethylphthalate	12.21	163	163358	10.58	ng	99

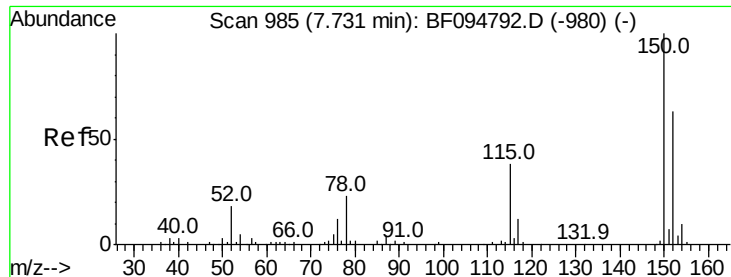
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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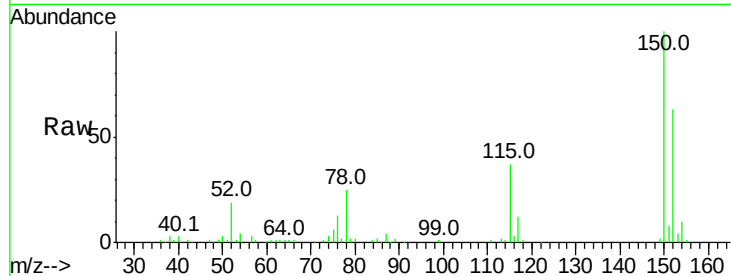


#1

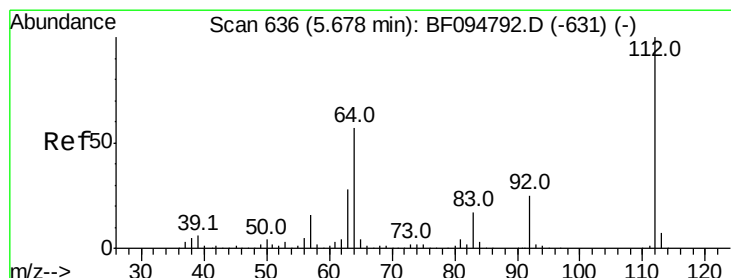
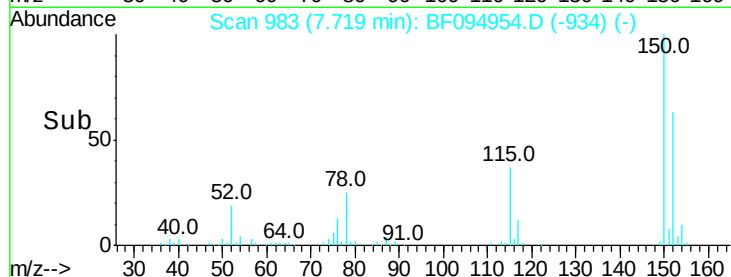
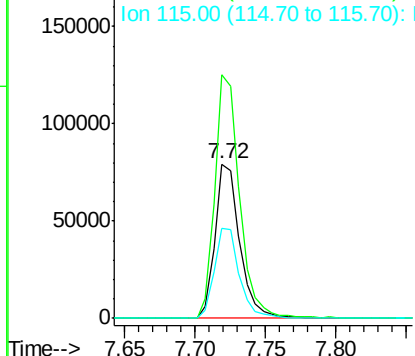
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094954.D
Acq: 6 May 2017 11:20

Instrument :
BNA_F
ClientSampleId :
SB-03-8.5-9.0

Tot Ion:152 Resp: 96861
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.2
115 58.3 52.2 78.2



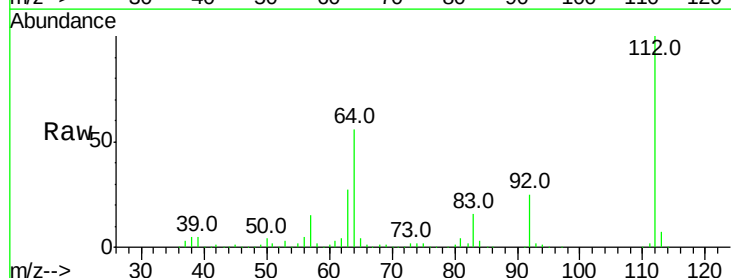
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



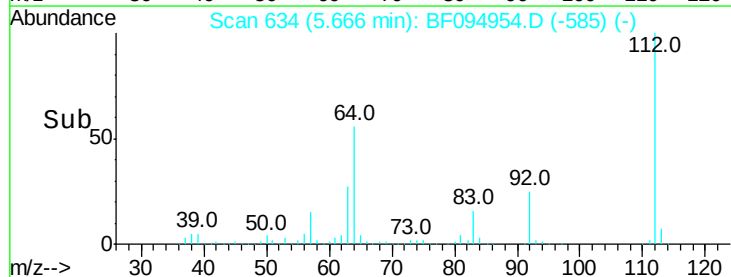
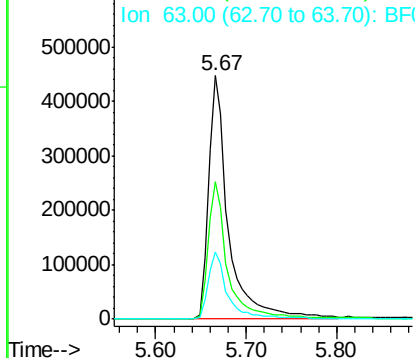
#5

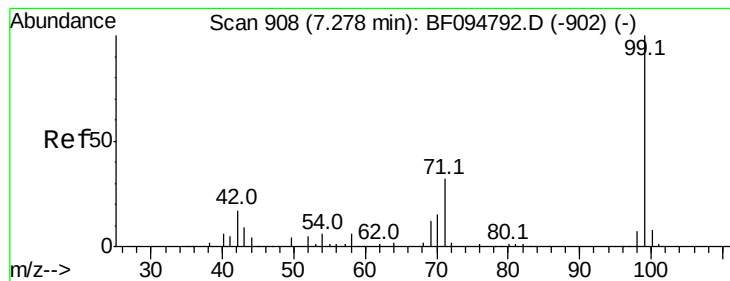
2-Fluorophenol
Concen: 118.86 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094954.D
Acq: 6 May 2017 11:20

Tgt Ion:112 Resp: 690557
Ion Ratio Lower Upper
112 100
64 56.4 46.0 69.0
63 27.4 23.4 35.0



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: 123.79 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094954.D

Acq: 6 May 2017 11:20

Instrument :

BNA_F

ClientSampleId :

SB-03-8.5-9.0

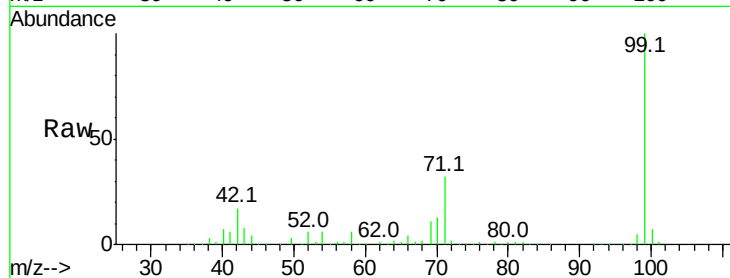
Tot Ion: 99 Resp: 862921

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

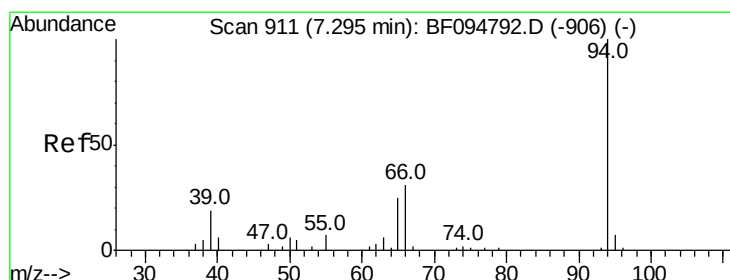
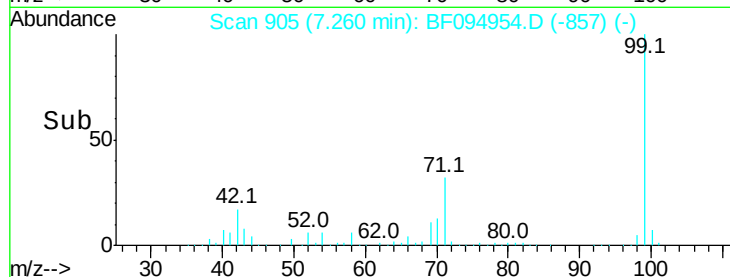
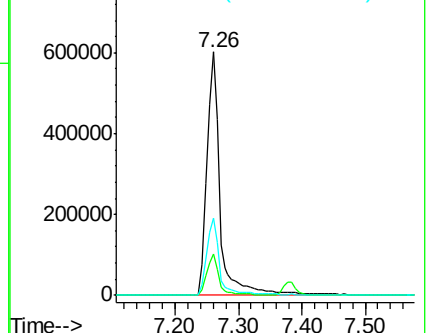
71 31.9 24.5 36.7



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: 3.14 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF094954.D

Acq: 6 May 2017 11:20

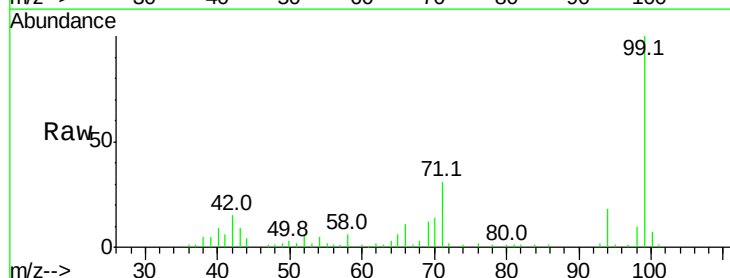
Tgt Ion: 94 Resp: 23038

Ion Ratio Lower Upper

94 100

65 32.1 9.9 49.9

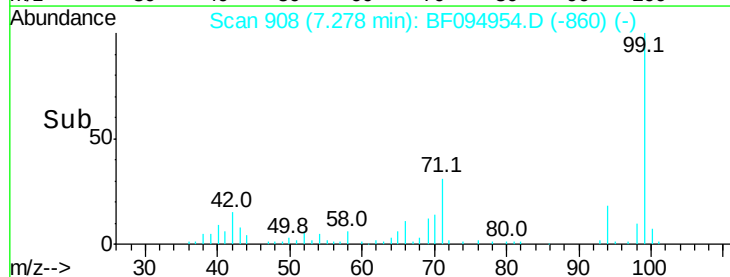
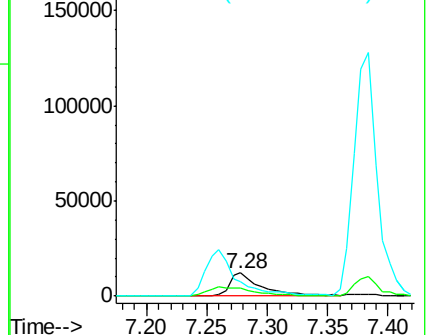
66 60.6 23.1 63.1

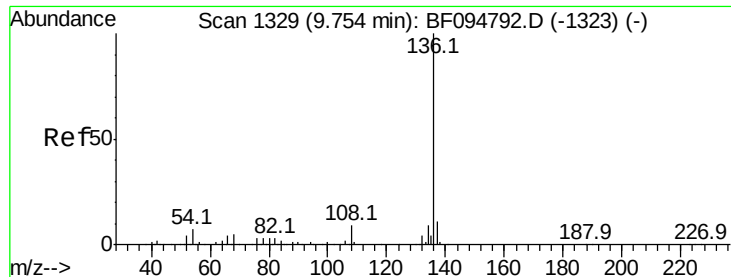


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094954.D

Acq: 6 May 2017 11:20

Instrument :

BNA_F

ClientSampleId :

SB-03-8.5-9.0

Tot Ion:136 Resp: 396706

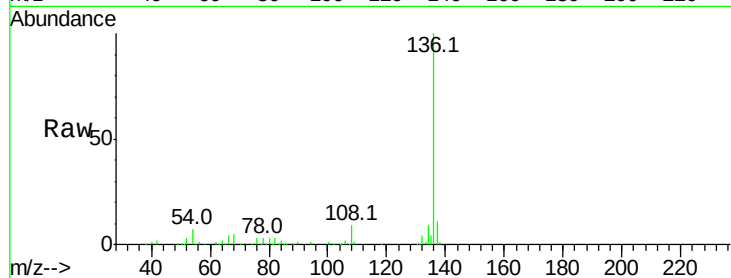
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 6.5 4.9 7.3

68 5.4 4.1 6.1

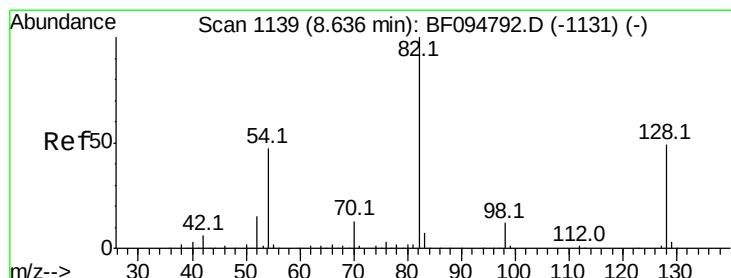
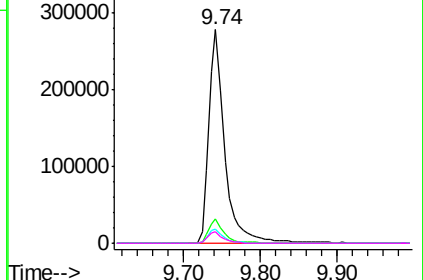
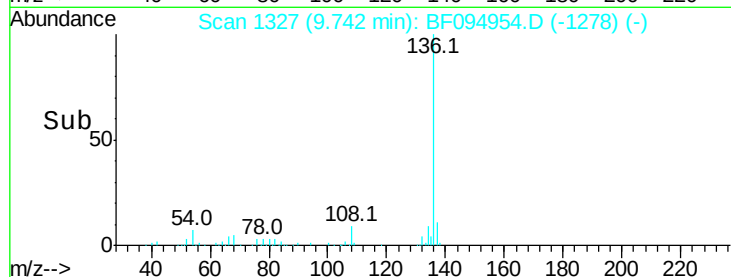


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.58 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094954.D

Acq: 6 May 2017 11:20

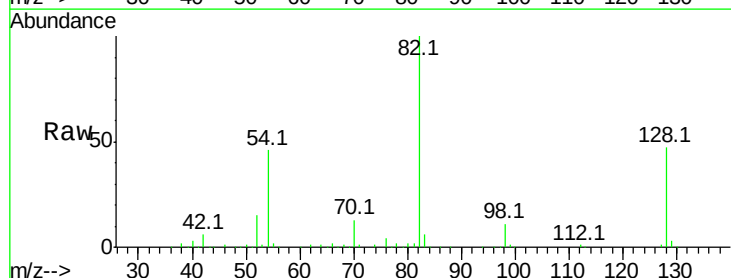
Tgt Ion: 82 Resp: 500673

Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

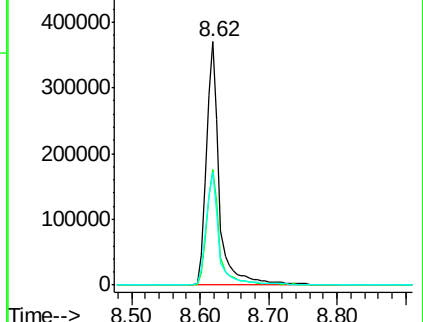
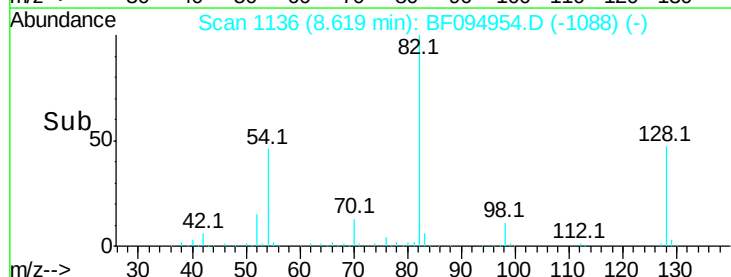
54 46.4 42.2 63.2

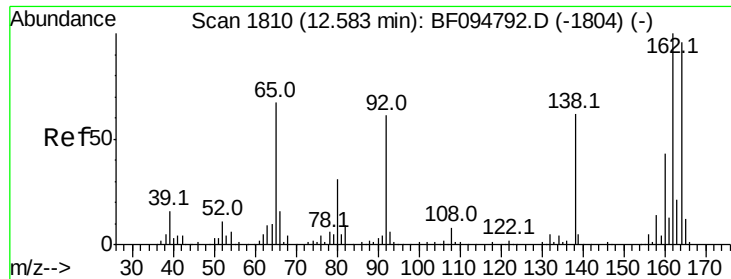


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094954.D

Acq: 6 May 2017 11:20

Instrument :

BNA_F

ClientSampleId :

SB-03-8.5-9.0

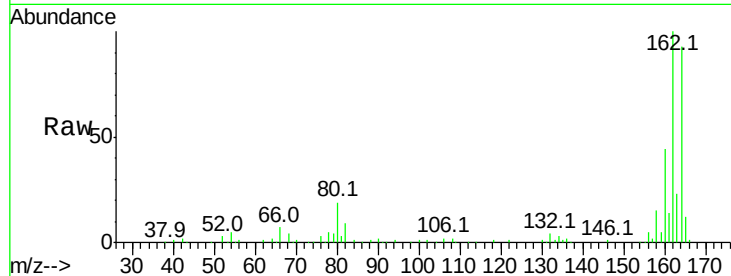
Tot Ion:164 Resp: 187997

Ion Ratio Lower Upper

164 100

162 107.4 82.6 123.8

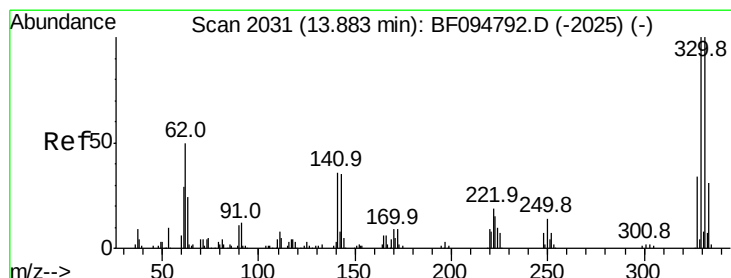
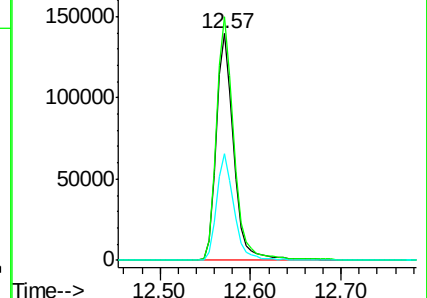
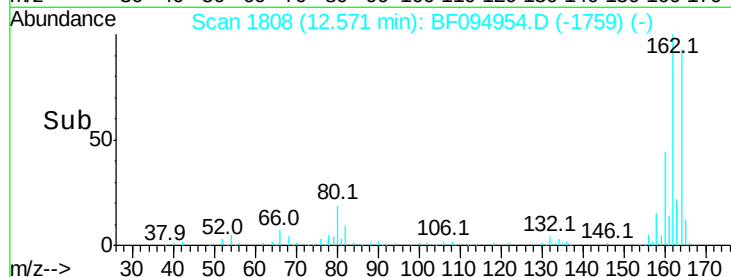
160 46.9 36.2 54.2



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: 122.88 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094954.D

Acq: 6 May 2017 11:20

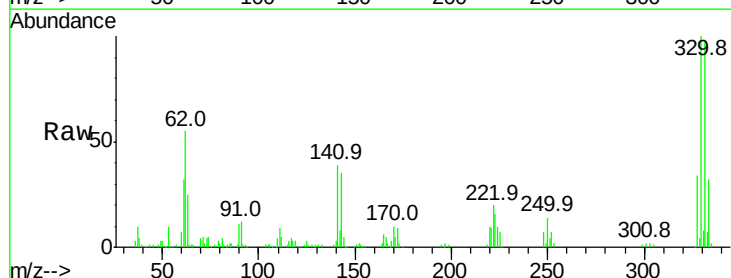
Tgt Ion:330 Resp: 189184

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

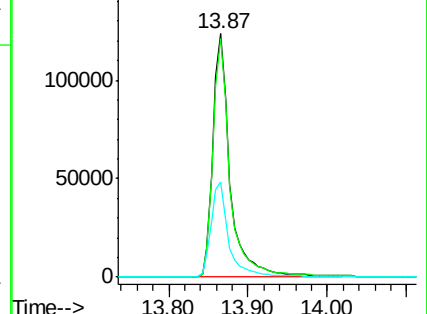
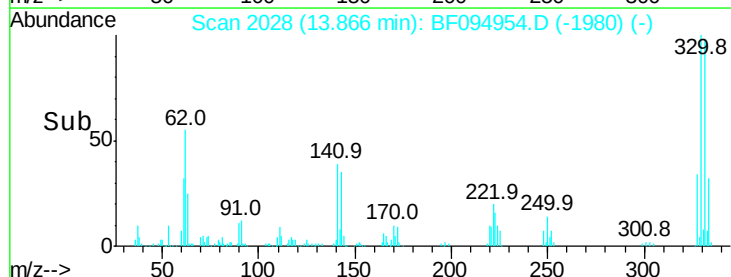
141 40.7 31.4 47.2

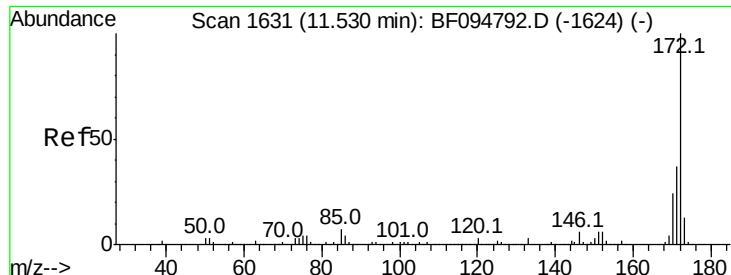


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

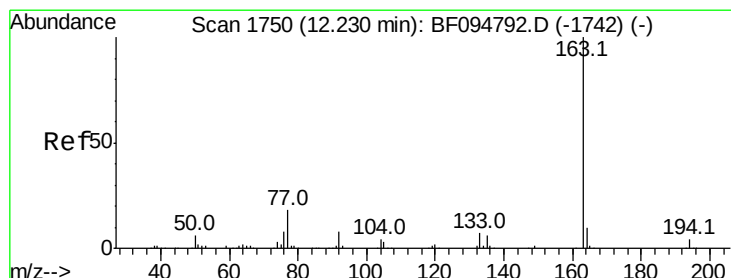
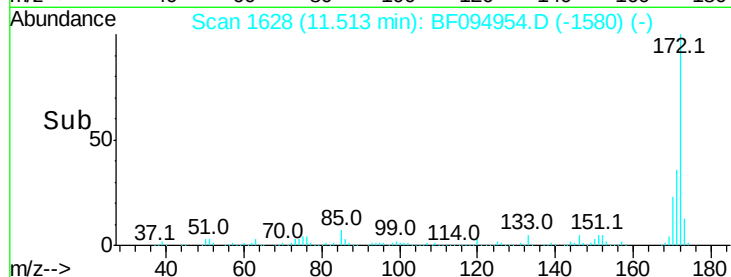
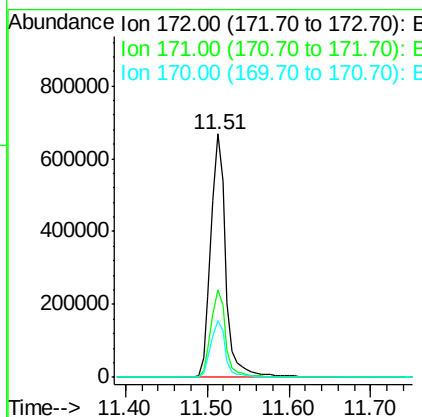
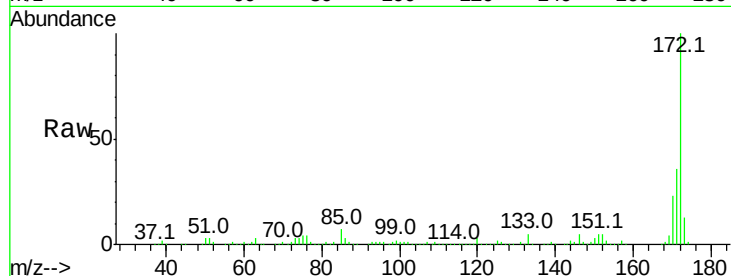




#44
2-Fluorobiphenyl
Concen: 65.79 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094954.D
Acq: 6 May 2017 11:20

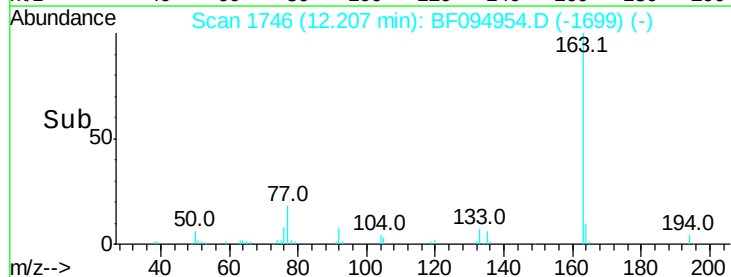
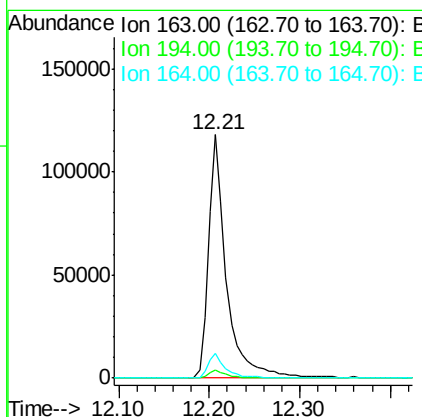
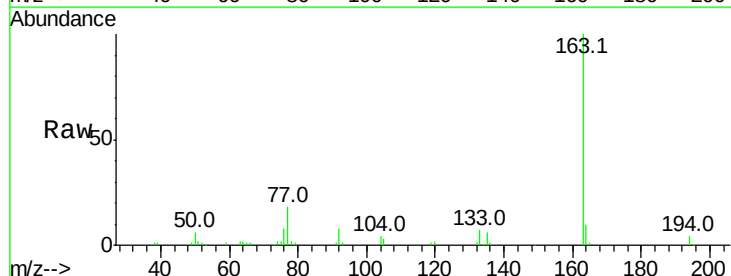
Instrument :
BNA_F
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SB-03-8.5-9.0

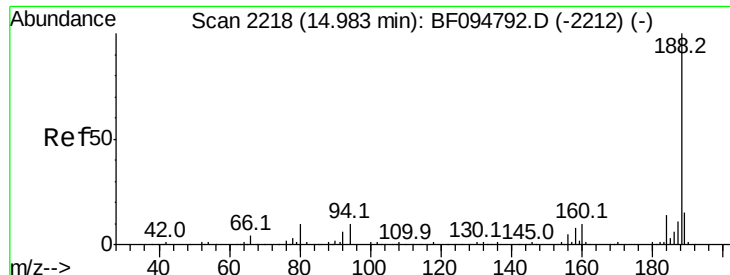
Tot Ion:172 Resp: 859291
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.3 19.8 29.8



#49
Dimethylphthalate
Concen: 10.58 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094954.D
Acq: 6 May 2017 11:20

Tgt Ion:163 Resp: 163358
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.1 8.4 12.6

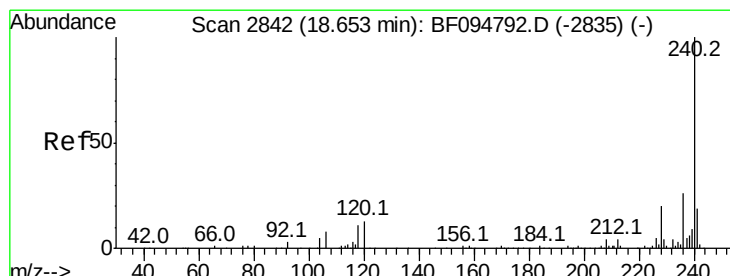
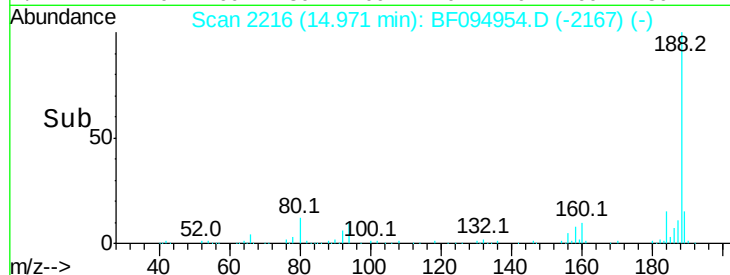
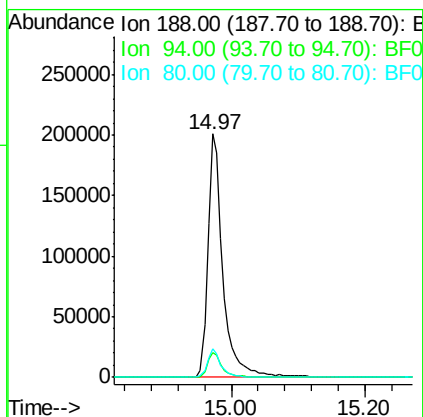
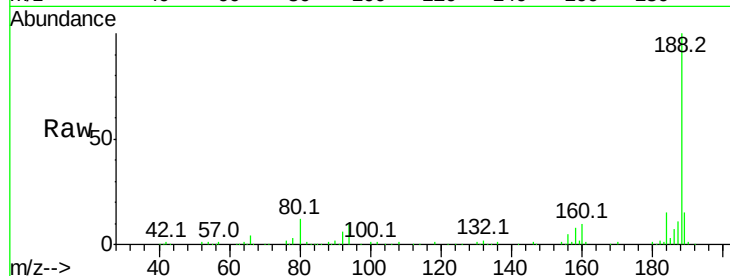




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094954.D
 Acq: 6 May 2017 11:20

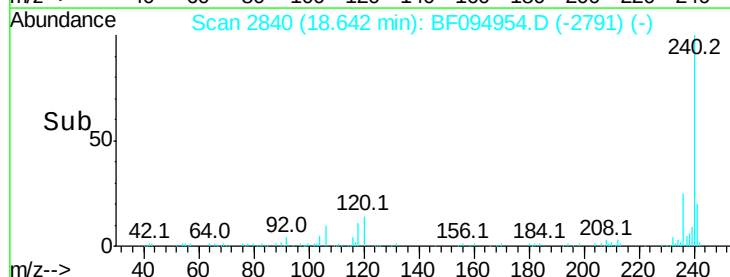
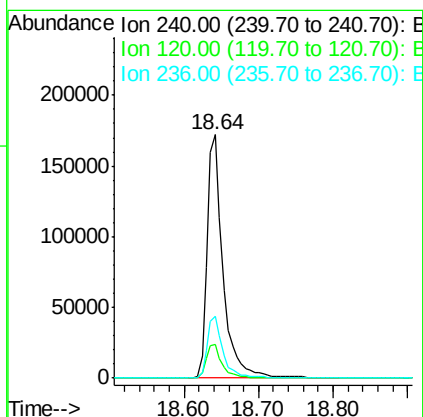
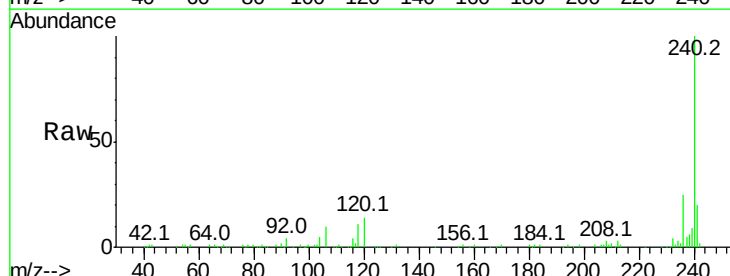
Instrument :
 BNA_F
 ClientSampleId :
 SB-03-8.5-9.0

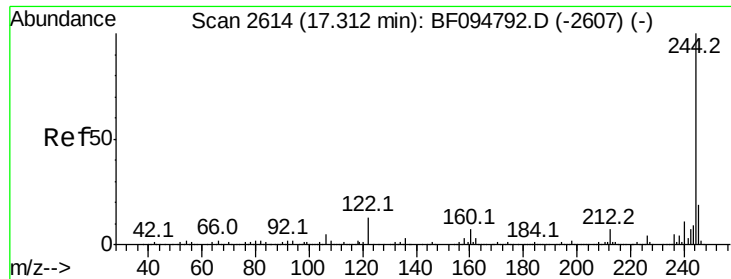
Tot Ion:188 Resp: 314875
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 11.7 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094954.D
 Acq: 6 May 2017 11:20

Tgt Ion:240 Resp: 253983
 Ion Ratio Lower Upper
 240 100
 120 13.6 5.8 8.8#
 236 25.4 20.5 30.7





#78

Terphenyl-d14

Concen: 61.73 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094954.D

Acq: 6 May 2017 11:20

Instrument :

BNA_F

ClientSampleId :

SB-03-8.5-9.0

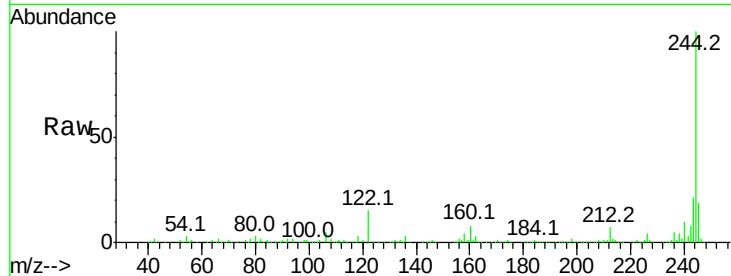
Tot Ion:244 Resp: 711777

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

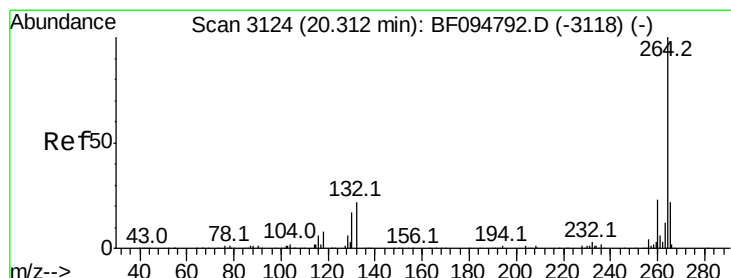
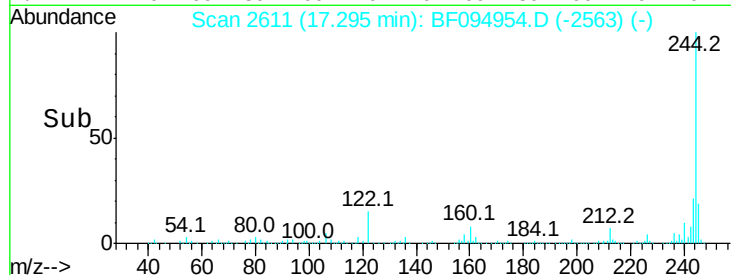
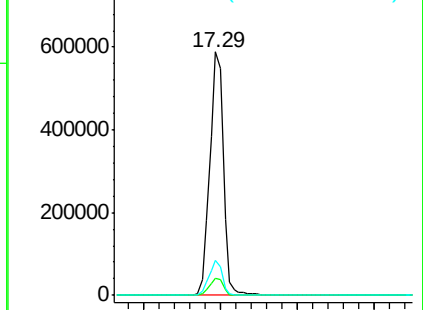
122 14.6 10.3 15.5



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: 20.31 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BF094954.D

Acq: 6 May 2017 11:20

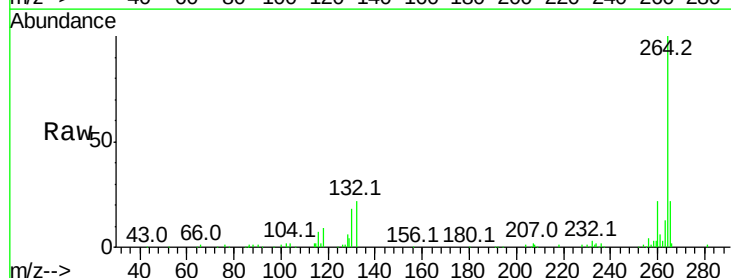
Tgt Ion:264 Resp: 164574

Ion Ratio Lower Upper

264 100

260 21.9 19.5 29.3

265 21.9 17.2 25.8



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

