

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094968.D
 Acq On : 8 May 2017 4:38
 Operator : SJ/MA
 Sample : I2947-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0

Quant Time: May 08 08:43:37 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

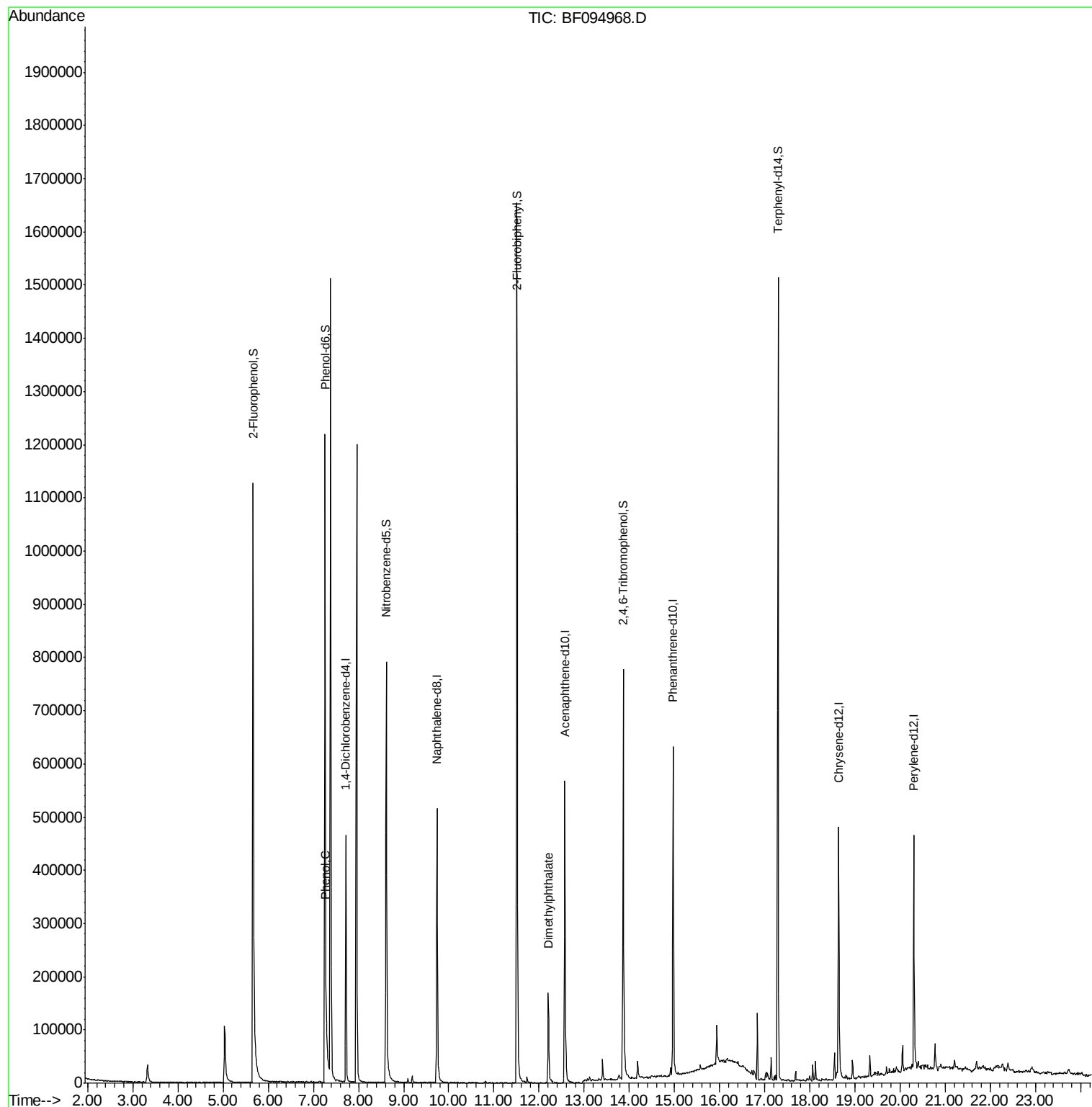
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	99245	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	392104	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	179263	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	320517	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	218437	20.00	ng	-0.02
86) Perylene-d12	20.30	264	202111	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	589537	99.04	ng	-0.01
7) Phenol-d6	7.26	99	707086	99.00	ng	-0.02
23) Nitrobenzene-d5	8.62	82	406564	65.38	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	149127	101.58	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	739762	59.40	ng	-0.02
78) Terphenyl-d14	17.29	244	555738	56.04	ng	-0.02
Target Compounds						
10) Phenol	7.28	94	20480	2.72	ng	89
49) Dimethylphthalate	12.21	163	114715	7.79	ng	98

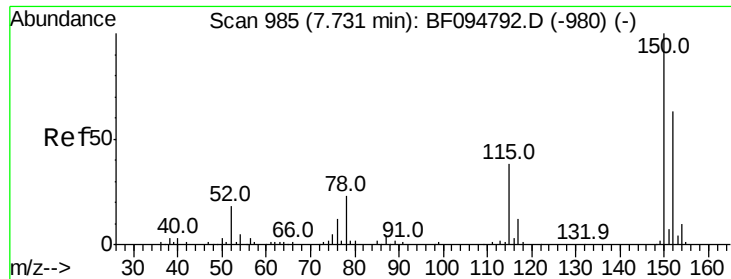
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF094968.D

Acq: 8 May 2017 4:38

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0

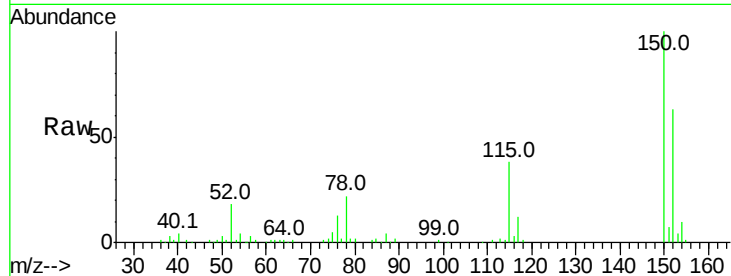
Tot Ion:152 Resp: 99245

Ion Ratio Lower Upper

152 100

150 159.2 126.2 189.2

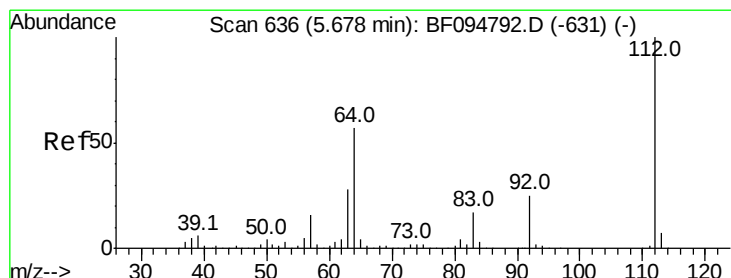
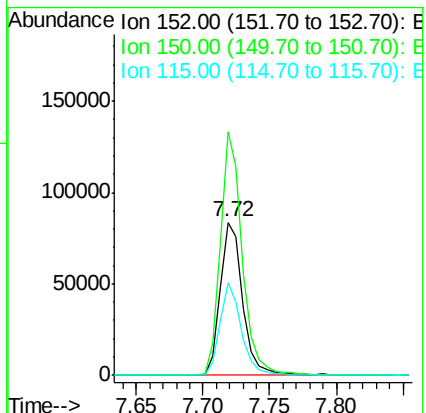
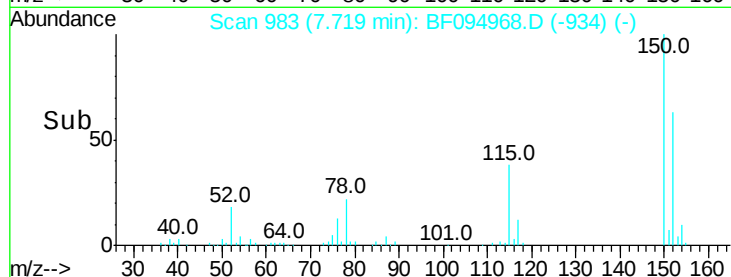
115 60.3 52.2 78.2



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: 99.04 ng

RT: 5.67 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094968.D

Acq: 8 May 2017 4:38

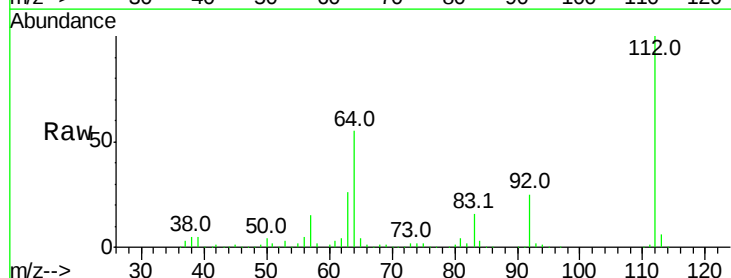
Tgt Ion:112 Resp: 589537

Ion Ratio Lower Upper

112 100

64 55.0 46.0 69.0

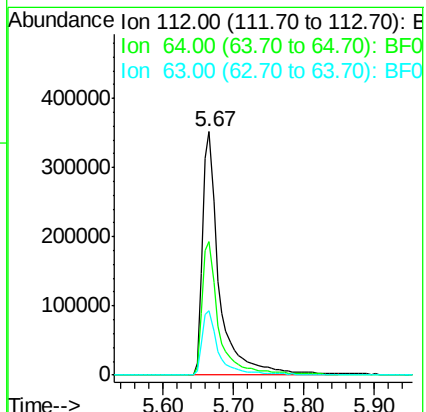
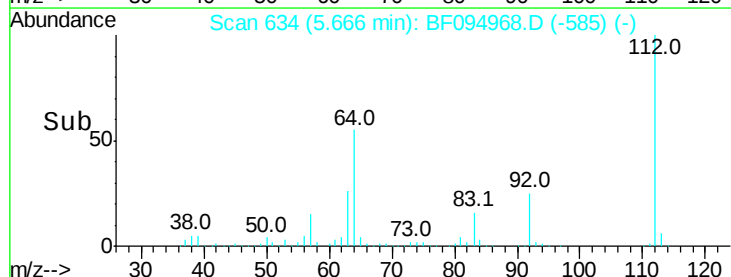
63 26.4 23.4 35.0

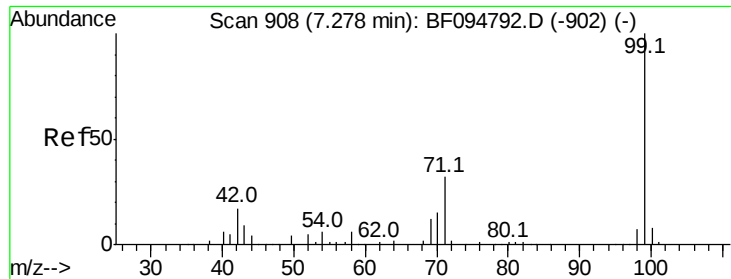


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094968.D

Acq: 8 May 2017 4:38

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0

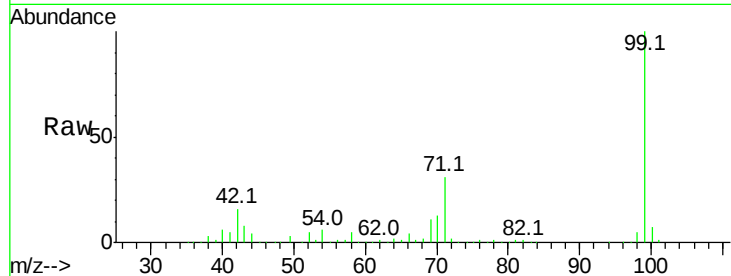
Tot Ion: 99 Resp: 707086

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

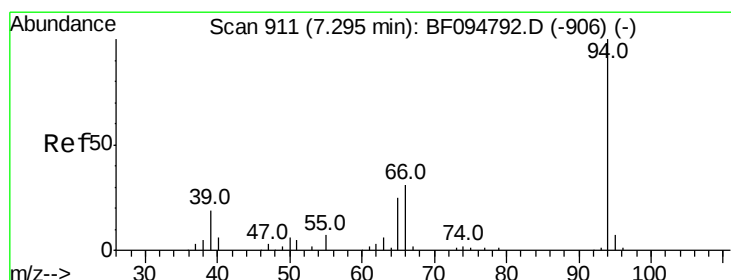
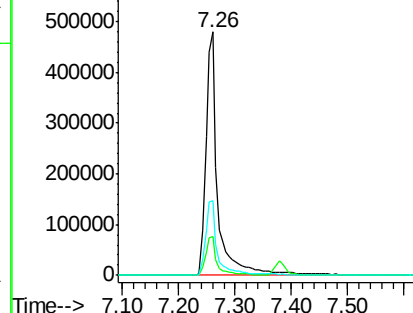
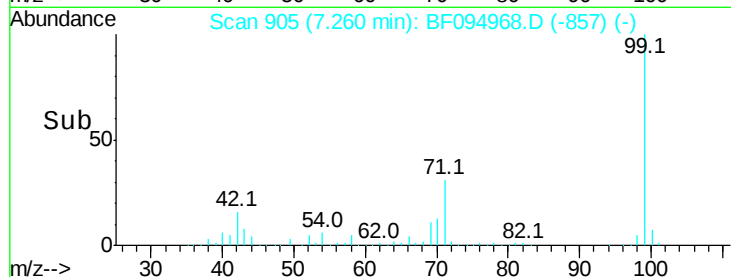
71 30.8 24.5 36.7



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: 2.72 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF094968.D

Acq: 8 May 2017 4:38

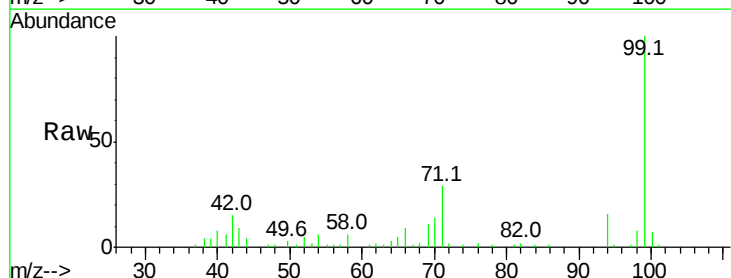
Tgt Ion: 94 Resp: 20480

Ion Ratio Lower Upper

94 100

65 29.5 9.9 49.9

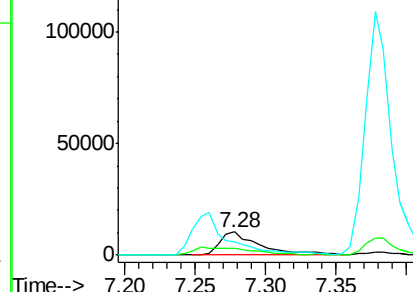
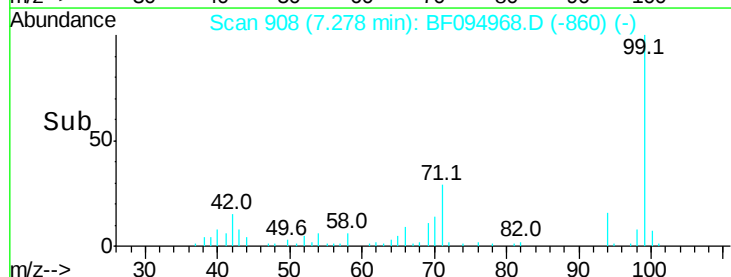
66 54.6 23.1 63.1

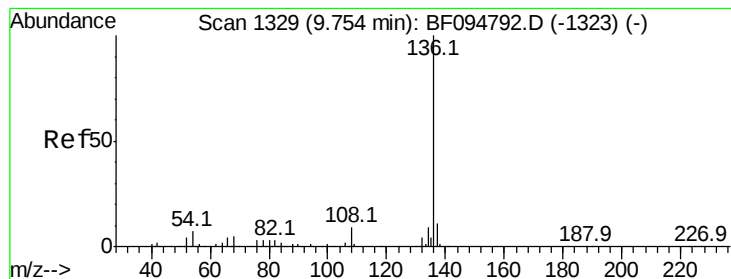


Abundance Ion 94.00 (93.70 to 94.70): BF0

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# 1326

Delta R.T. -0.02 min

Lab File: BF094968.D

Acq: 8 May 2017 4:38

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0

Tot Ion:136 Resp: 392104

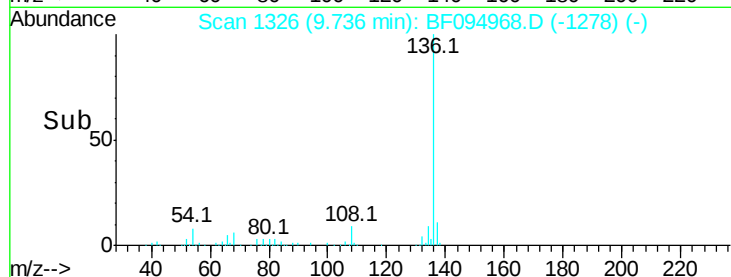
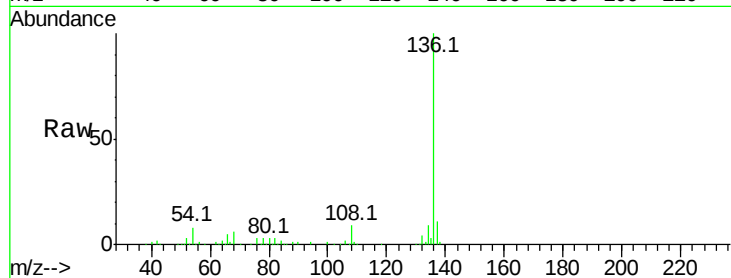
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.5 4.9 7.3#

68 5.7 4.1 6.1

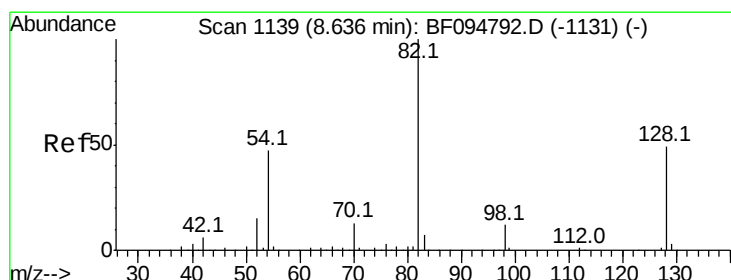
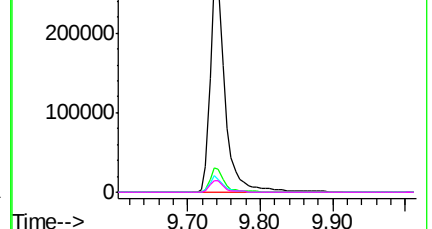


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.38 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094968.D

Acq: 8 May 2017 4:38

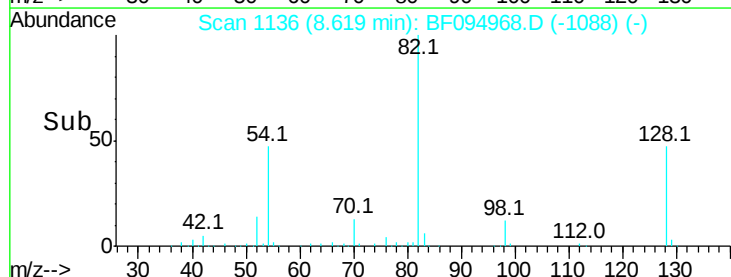
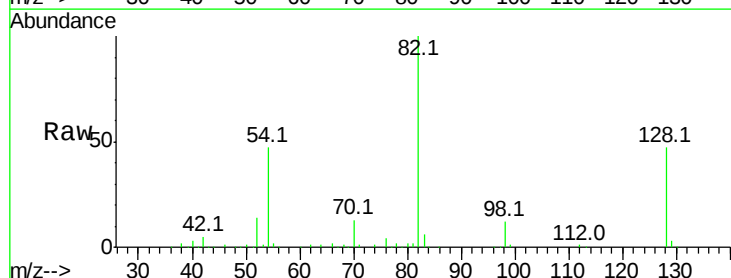
Tgt Ion: 82 Resp: 406564

Ion Ratio Lower Upper

82 100

128 47.4 34.0 51.0

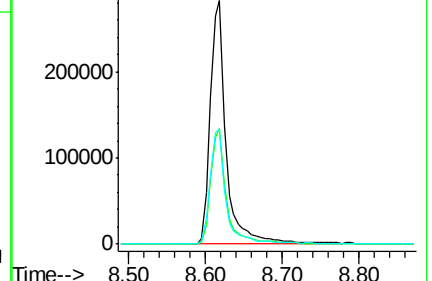
54 46.8 42.2 63.2

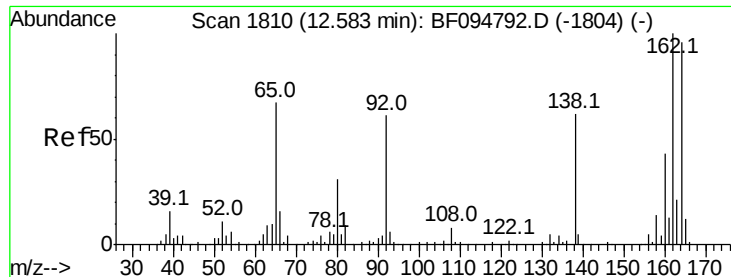


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF094968.D

Acq: 8 May 2017 4:38

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0

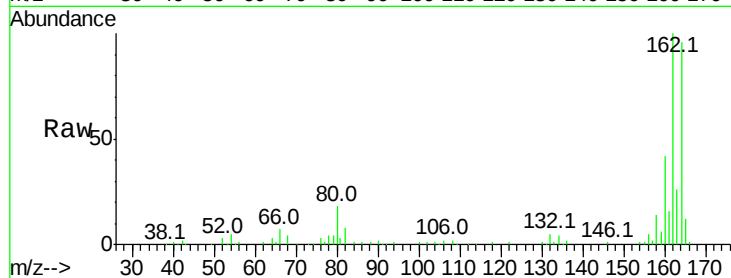
Tot Ion:164 Resp: 179263

Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

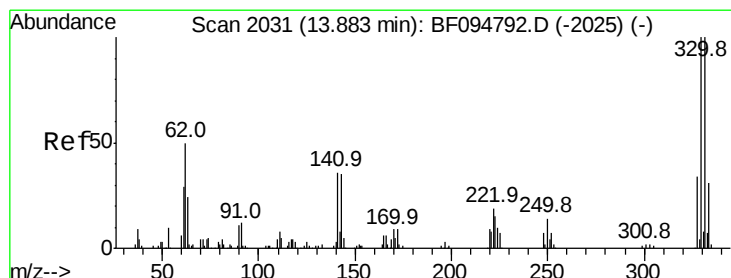
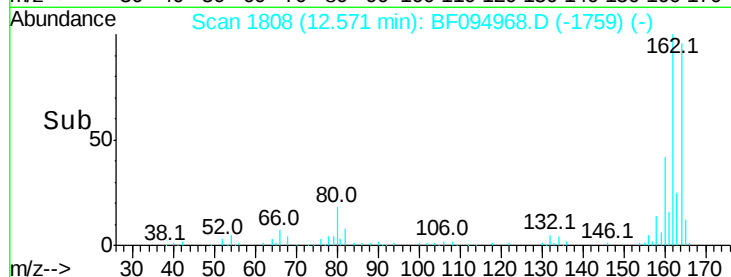
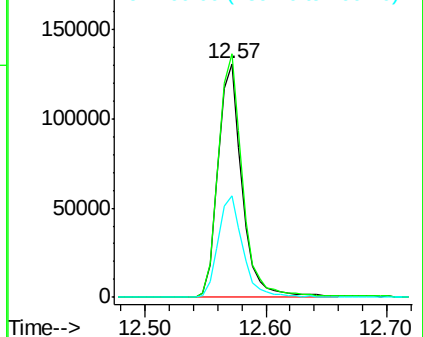
160 43.3 36.2 54.2



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: 101.58 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094968.D

Acq: 8 May 2017 4:38

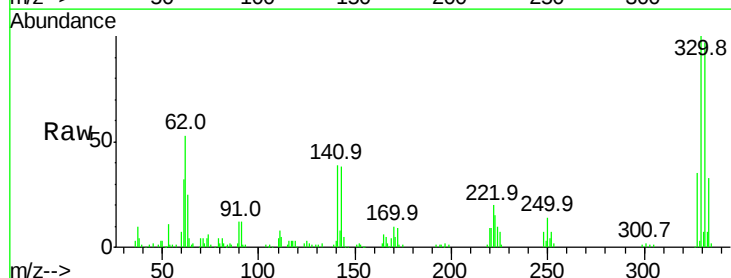
Tgt Ion:330 Resp: 149127

Ion Ratio Lower Upper

330 100

332 94.0 76.6 115.0

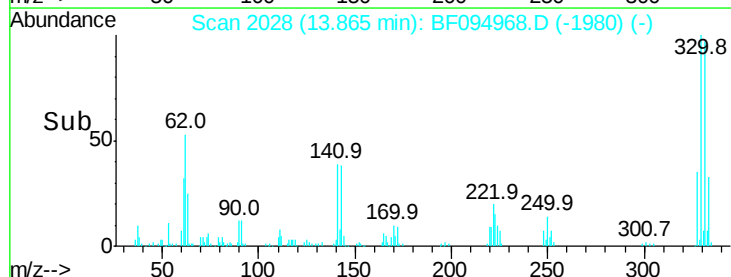
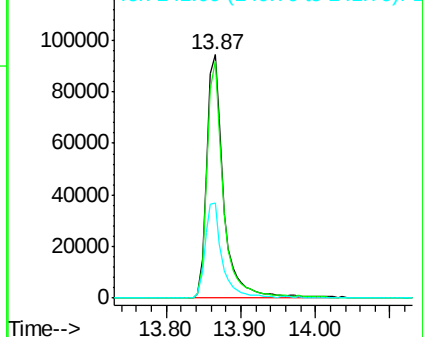
141 39.9 31.4 47.2

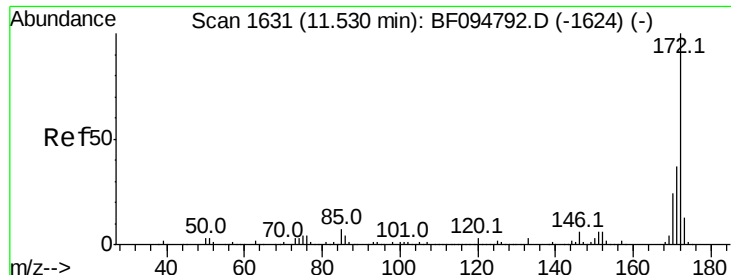


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

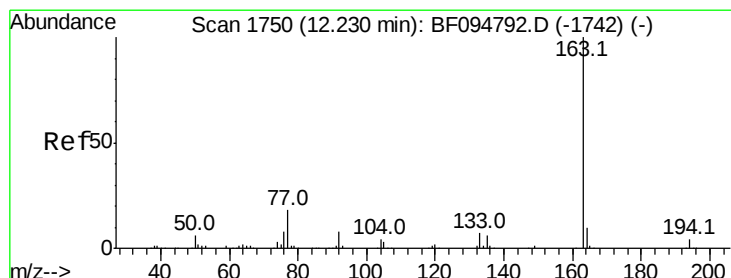
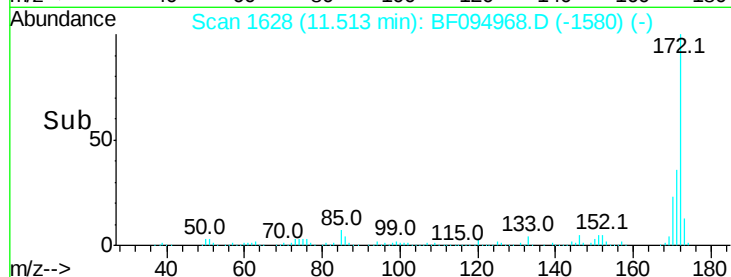
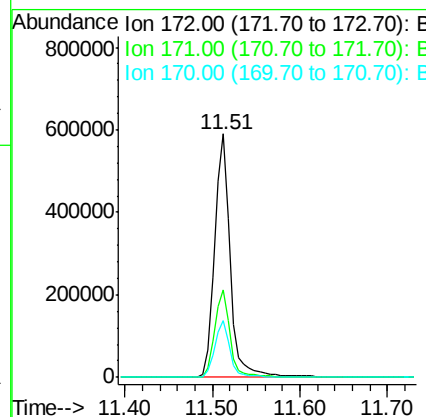
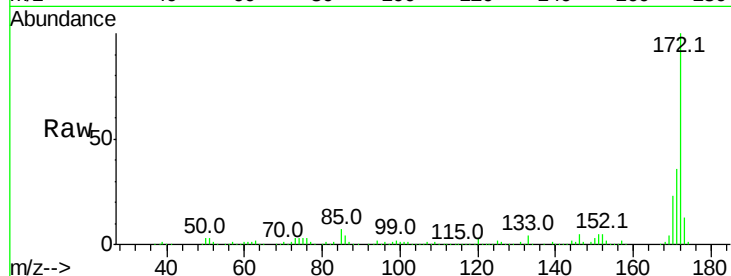




#44
2-Fluorobiphenyl
Concen: 59.40 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094968.D
Acq: 8 May 2017 4:38

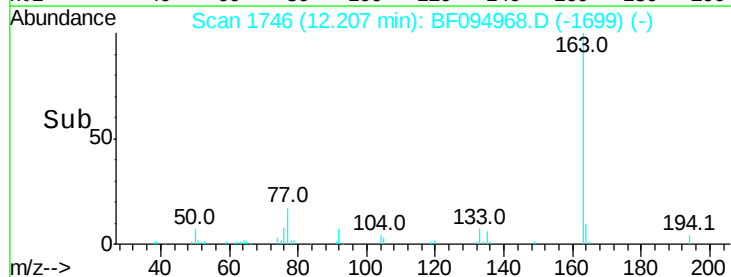
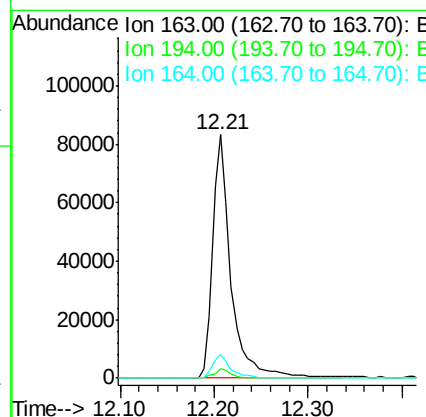
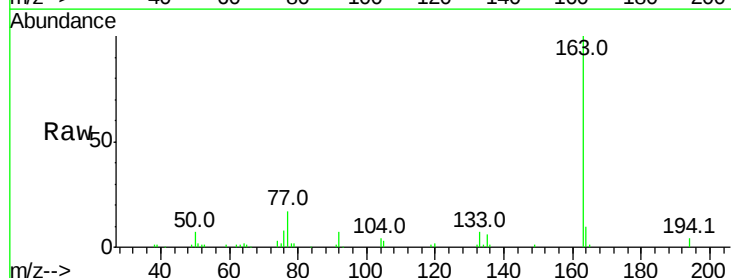
Instrument :
BNA_F
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SB-04-6.5-7.0

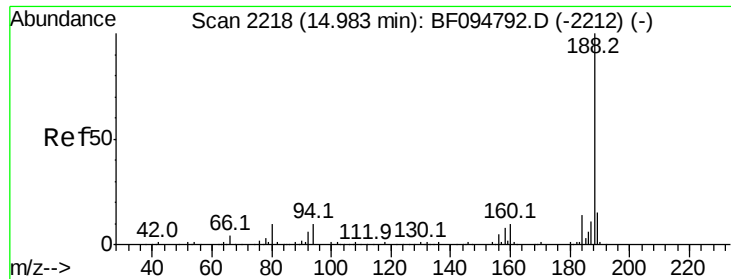
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.3	19.8	29.8



#49
Dimethylphthalate
Concen: 7.79 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094968.D
Acq: 8 May 2017 4:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	9.5	8.4	12.6

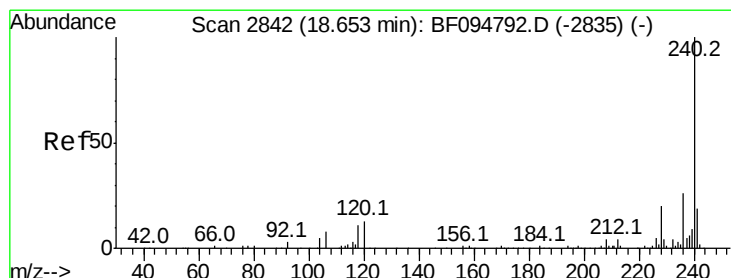
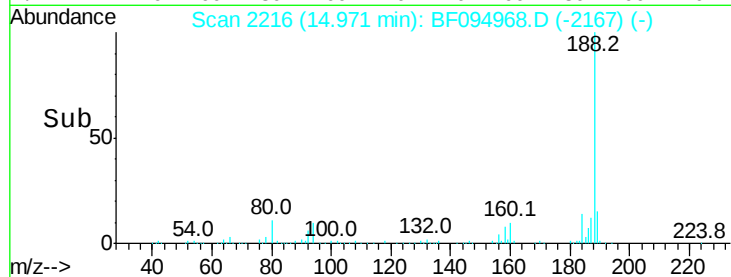
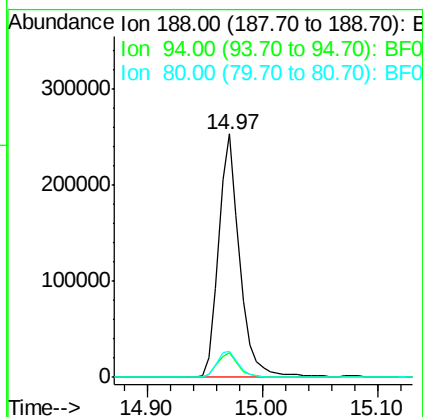
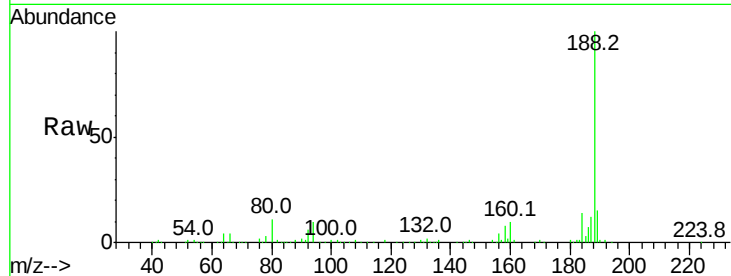




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094968.D
Acq: 8 May 2017 4:38

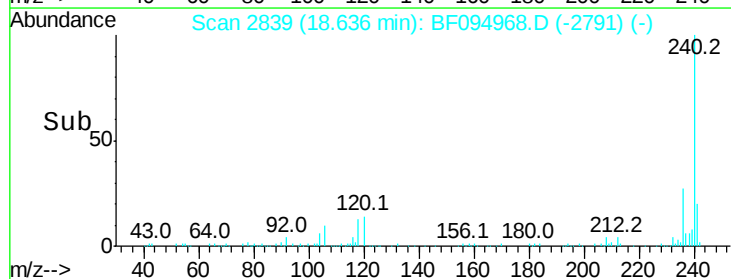
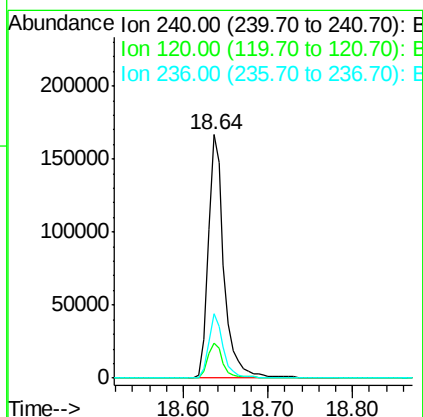
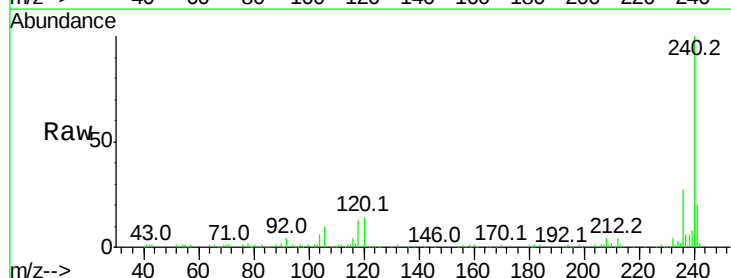
Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0

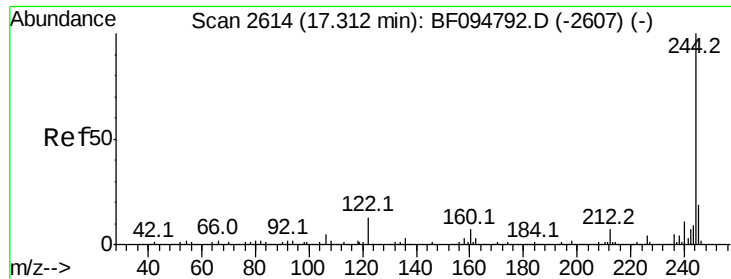
Tot Ion:188 Resp: 320517
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.6 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094968.D
Acq: 8 May 2017 4:38

Tgt Ion:240 Resp: 218437
Ion Ratio Lower Upper
240 100
120 14.3 5.8 8.8#
236 26.6 20.5 30.7





#78

Terphenyl-d14

Concen: 56.04 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094968.D

Acq: 8 May 2017 4:38

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0

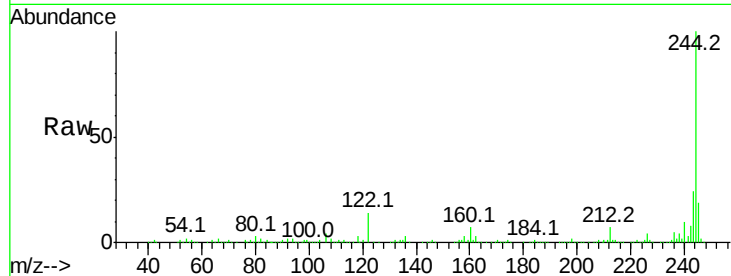
Tot Ion:244 Resp: 555738

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

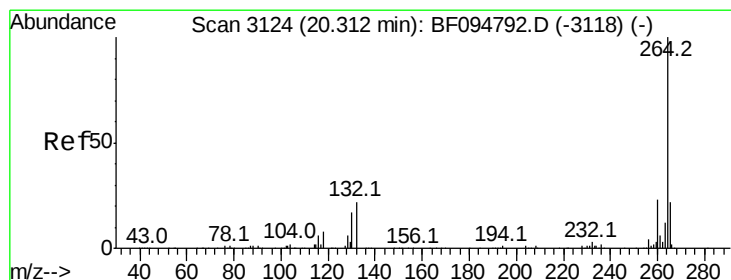
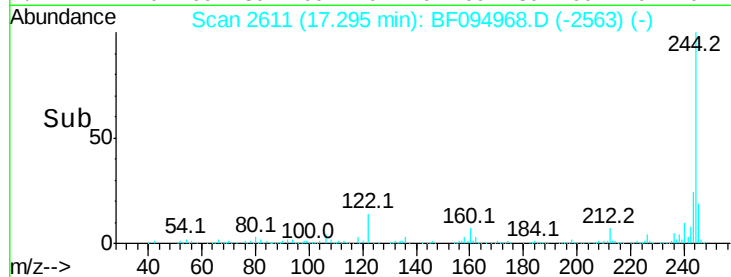
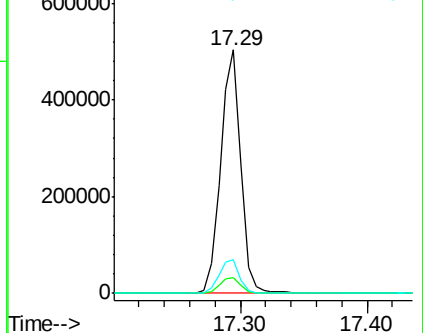
122 13.6 10.3 15.5



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: 20.30 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BF094968.D

Acq: 8 May 2017 4:38

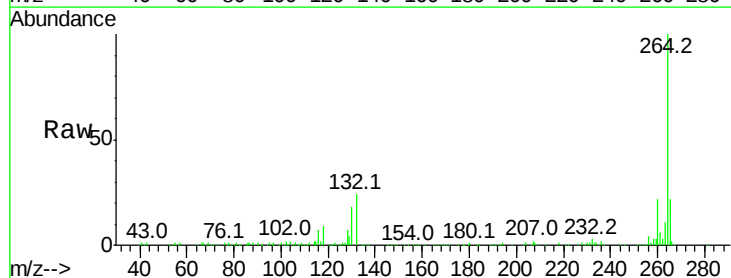
Tgt Ion:264 Resp: 202111

Ion Ratio Lower Upper

264 100

260 22.2 19.5 29.3

265 22.1 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

