

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094750.D
 Acq On : 1 May 2017 14:44
 Operator : SJ/MA
 Sample : I2902-06 100X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BD

Quant Time: May 02 17:54:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

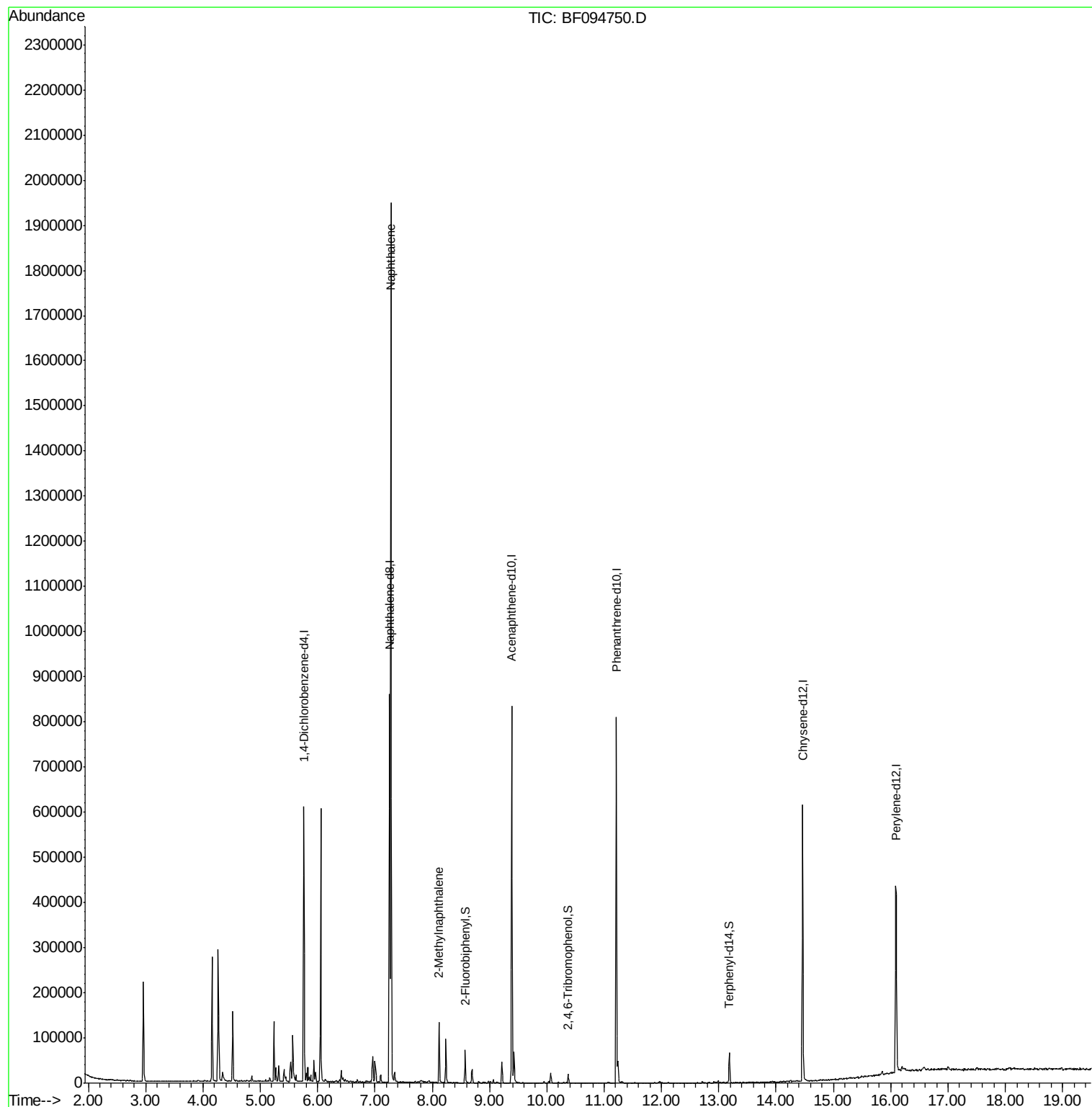
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	96443	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	405919	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	189344	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	327196	20.00	ng	0.00
75) Chrysene-d12	14.46	240	253470	20.00	ng	0.00
86) Perylene-d12	16.09	264	181517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	10655	1.83	ng	0.04
7) Phenol-d6	5.42	99	9002	1.31	ng	0.03
23) Nitrobenzene-d5	6.41	82	10713	1.63	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	3464	2.34	ng	0.00
44) 2-Fluorobiphenyl	8.57	172	26570	2.06	ng	-0.01
78) Terphenyl-d14	13.18	244	23803	2.51	ng	-0.01
Target Compounds						
31) Naphthalene	7.28	128	958184	49.10	ng	100
37) 2-Methylnaphthalene	8.12	142	42413	3.18	ng	98

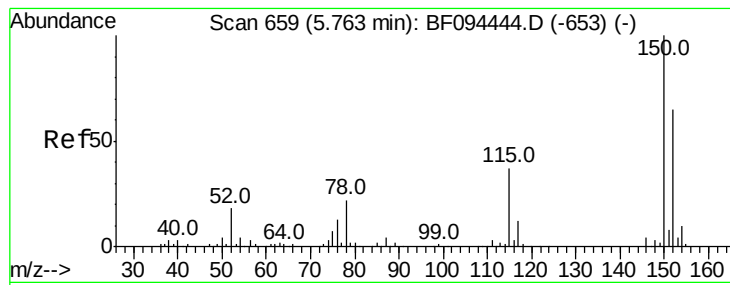
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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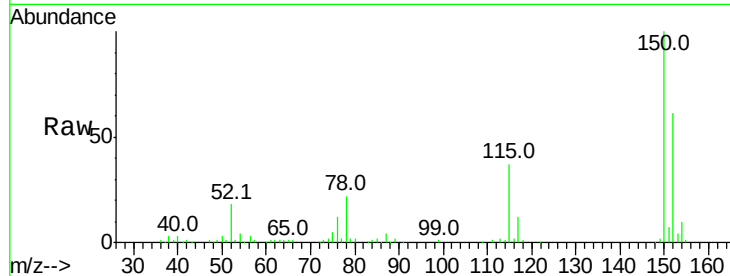


#1

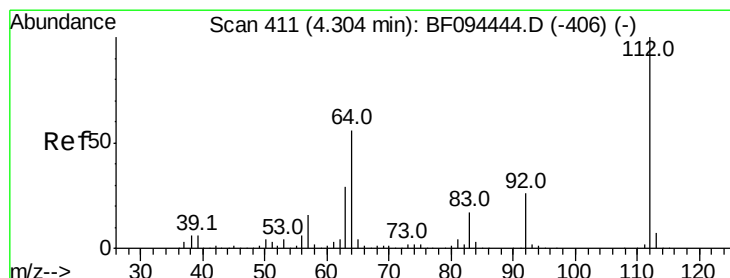
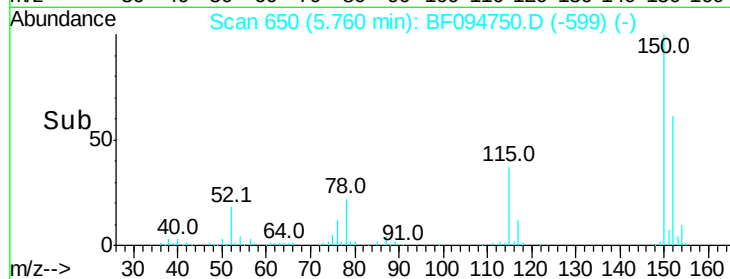
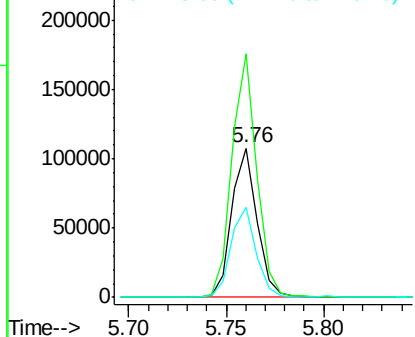
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094750.D
Acq: 1 May 2017 14:44

Instrument :
BNA_F
ClientSampleId :
MW-7BD

Tot Ion:152 Resp: 96443
Ion Ratio Lower Upper
152 100
150 163.1 126.2 189.2
115 60.0 52.2 78.2



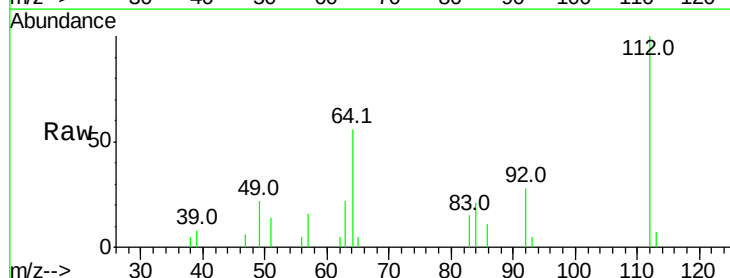
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



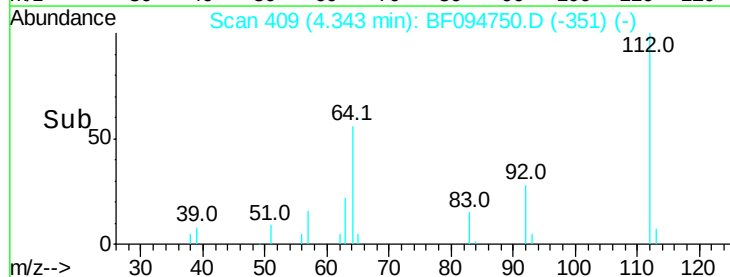
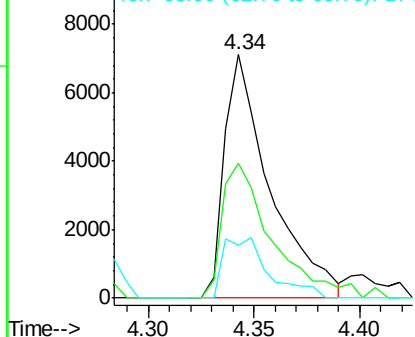
#5

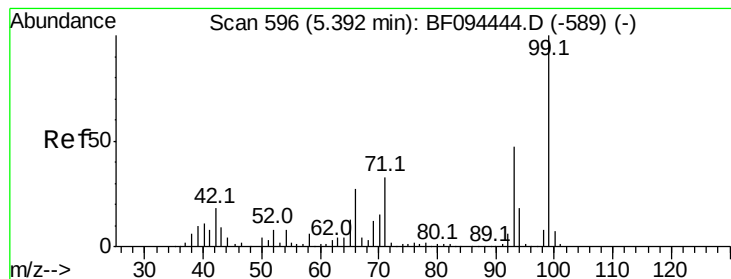
2-Fluorophenol
Concen: 1.83 ng
RT: 4.34 min Scan# 409
Delta R.T. 0.04 min
Lab File: BF094750.D
Acq: 1 May 2017 14:44

Tgt Ion:112 Resp: 10655
Ion Ratio Lower Upper
112 100
64 55.6 46.0 69.0
63 21.9 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: 1.31 ng

RT: 5.42 min Scan# 592

Delta R.T. 0.03 min

Lab File: BF094750.D

Acq: 1 May 2017 14:44

Instrument :

BNA_F

ClientSampleId :

MW-7BD

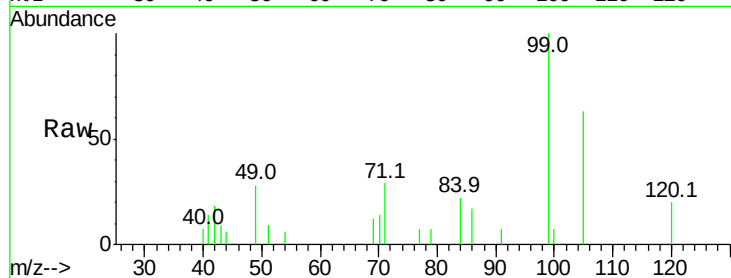
Tot Ion: 99 Resp: 9002

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

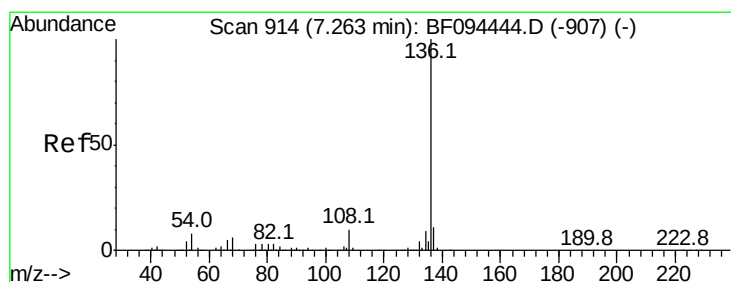
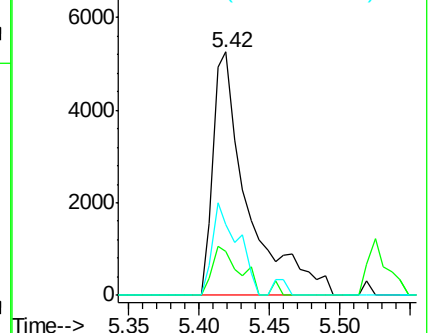
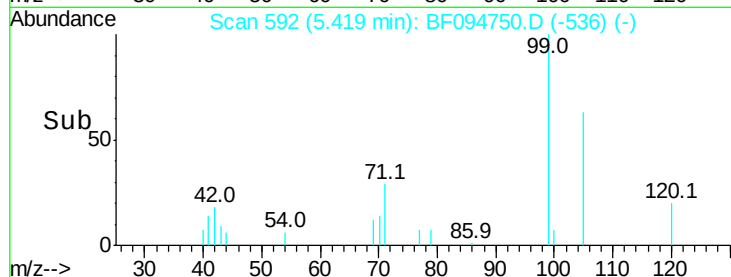
71 29.2 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094750.D

Acq: 1 May 2017 14:44

Tgt Ion: 136 Resp: 405919

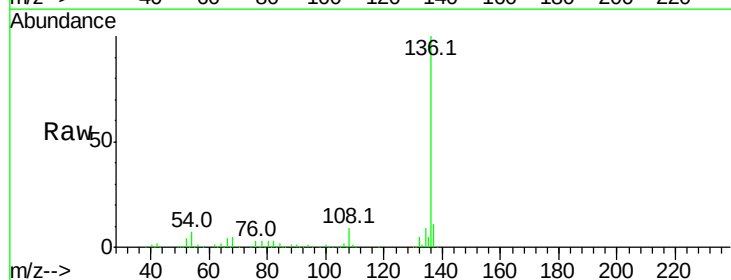
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.9 4.9 7.3

68 5.4 4.1 6.1

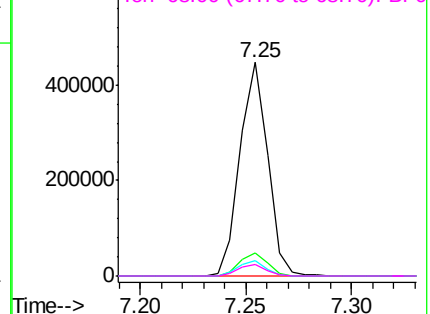
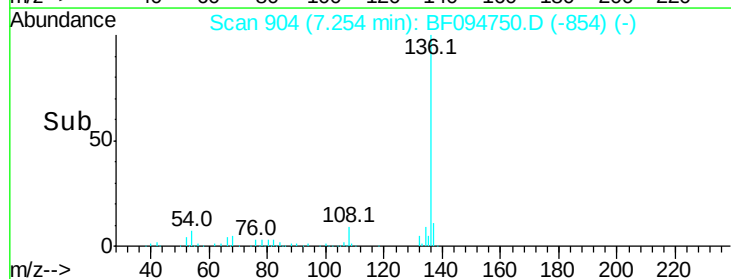


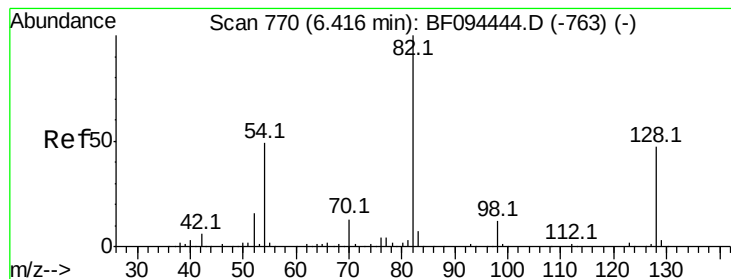
Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.63 ng

RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF094750.D

Acq: 1 May 2017 14:44

Instrument :

BNA_F

ClientSampleId :

MW-7BD

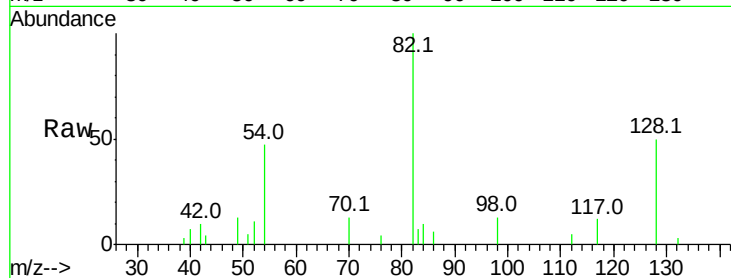
Tot Ion: 82 Resp: 10713

Ion Ratio Lower Upper

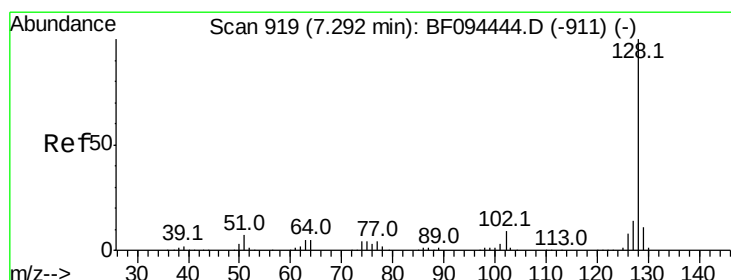
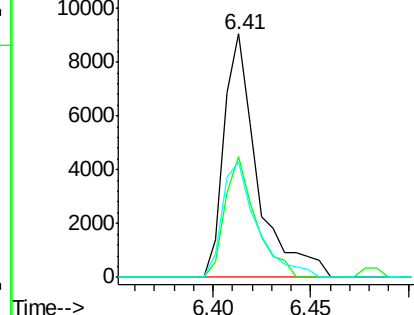
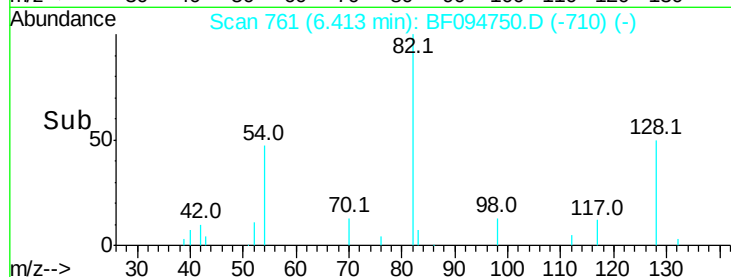
82 100

128 49.6 34.0 51.0

54 47.4 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



#31

Naphthalene

Concen: 49.10 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF094750.D

Acq: 1 May 2017 14:44

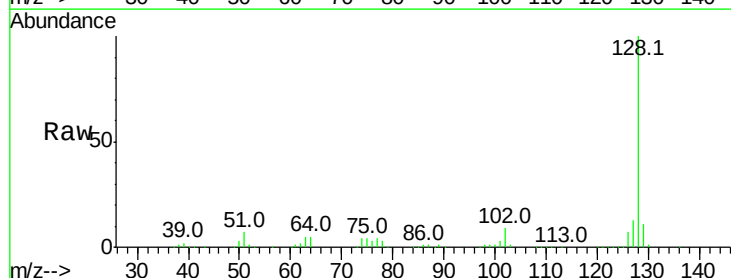
Tgt Ion:128 Resp: 958184

Ion Ratio Lower Upper

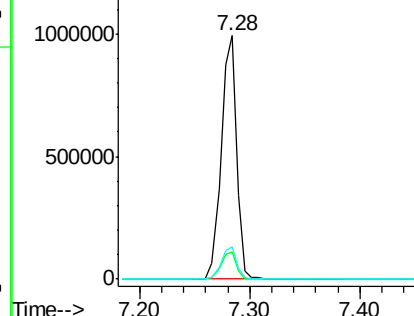
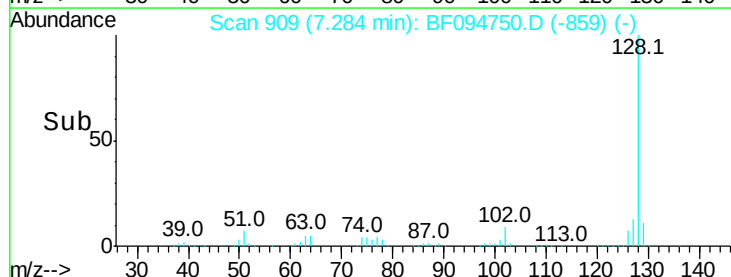
128 100

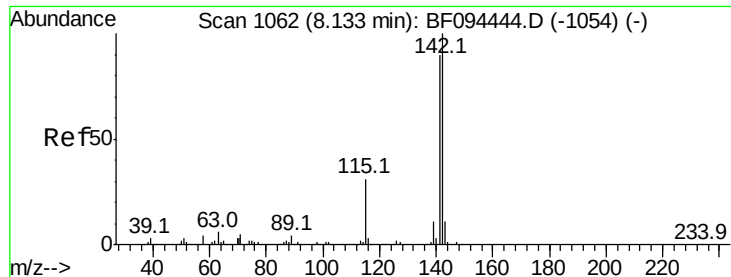
129 11.1 9.0 13.6

127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 3.18 ng

RT: 8.12 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF094750.D

Acq: 1 May 2017 14:44

Instrument :

BNA_F

ClientSampled :

MW-7BD

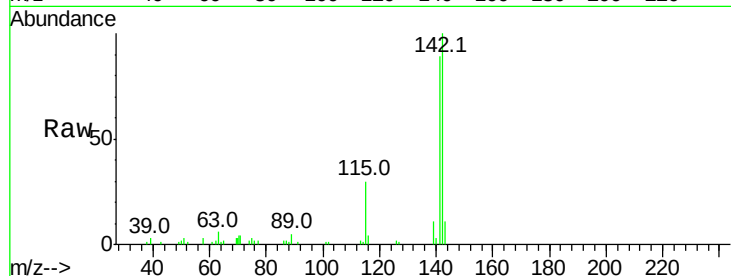
Tot Ion:142 Resp: 42413

Ion Ratio Lower Upper

142 100

141 89.0 71.3 106.9

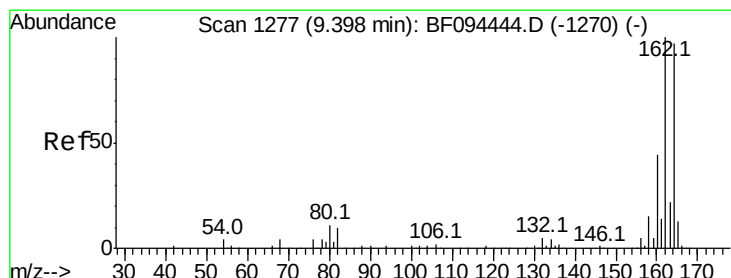
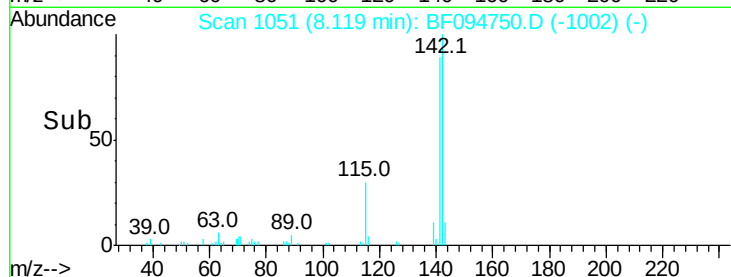
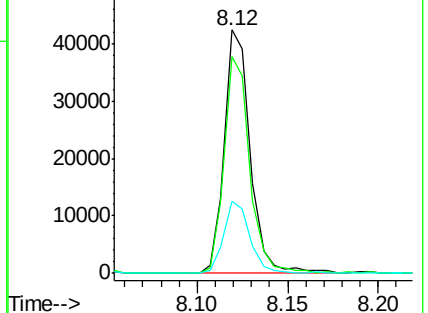
115 29.8 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094750.D

Acq: 1 May 2017 14:44

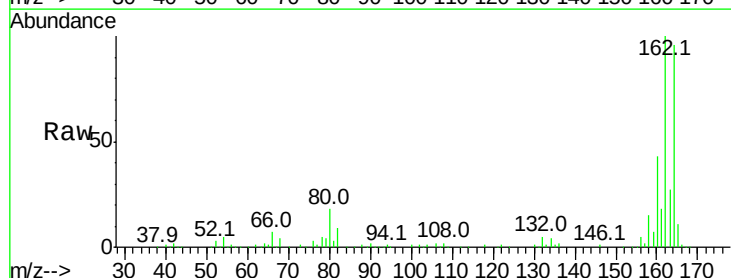
Tgt Ion:164 Resp: 189344

Ion Ratio Lower Upper

164 100

162 103.9 82.6 123.8

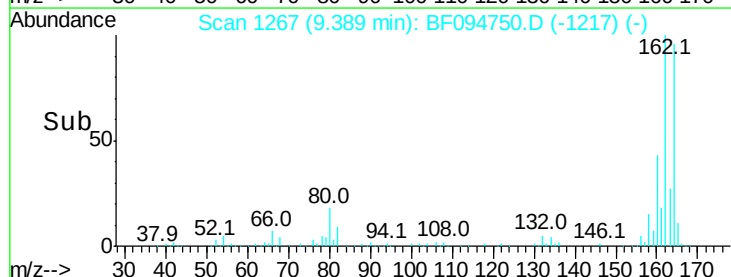
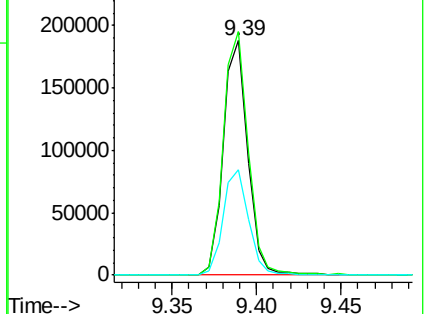
160 44.9 36.2 54.2

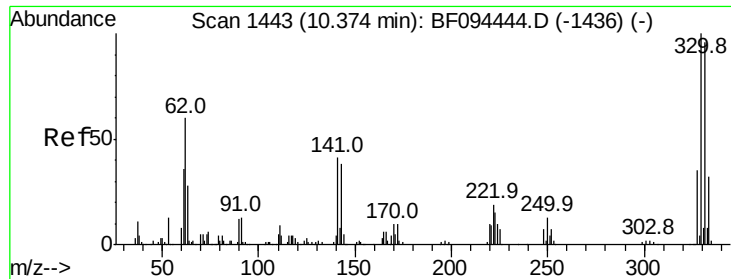


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

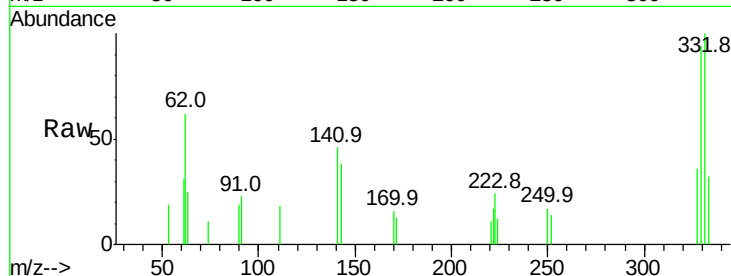




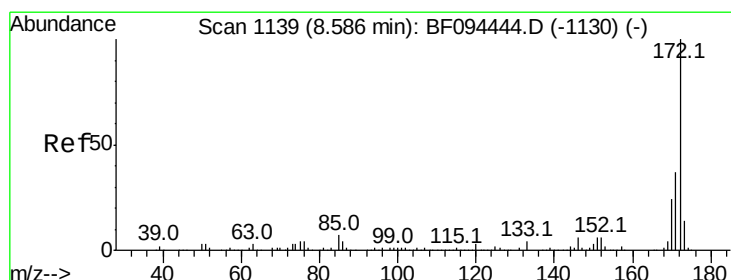
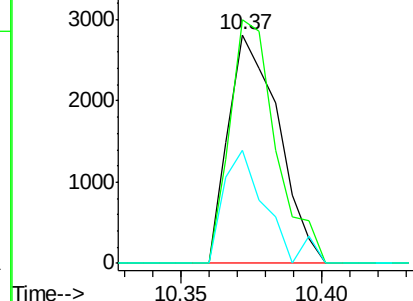
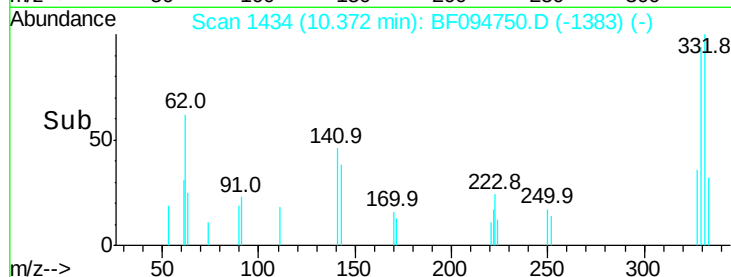
#41
 2,4,6-Tribromophenol
 Concen: 2.34 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094750.D
 Acq: 1 May 2017 14:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-7BD

Tot Ion:330 Resp: 3464
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.6 115.0
 141 42.3 31.4 47.2

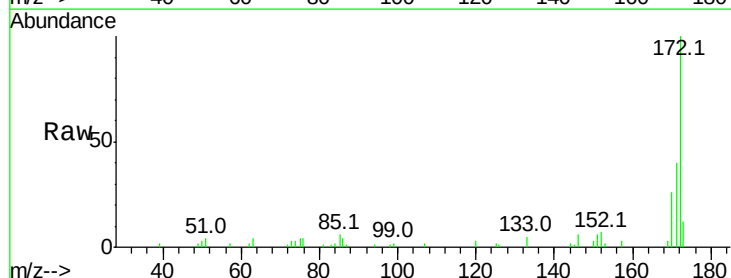


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

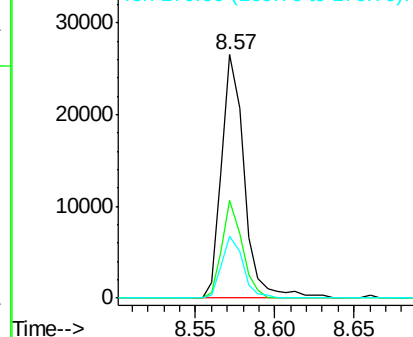
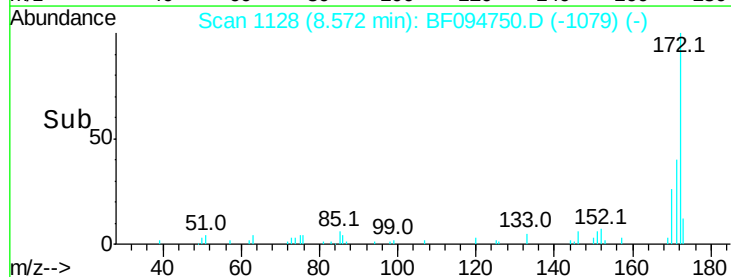


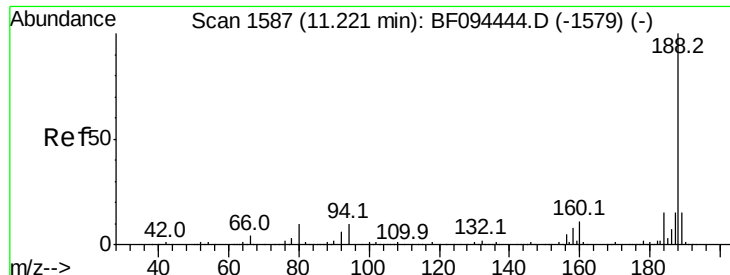
#44
 2-Fluorobiphenyl
 Concen: 2.06 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094750.D
 Acq: 1 May 2017 14:44

Tgt Ion:172 Resp: 26570
 Ion Ratio Lower Upper
 172 100
 171 40.4 29.6 44.4
 170 25.6 19.8 29.8



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF094750.D

Acq: 1 May 2017 14:44

Instrument :

BNA_F

ClientSampleId :

MW-7BD

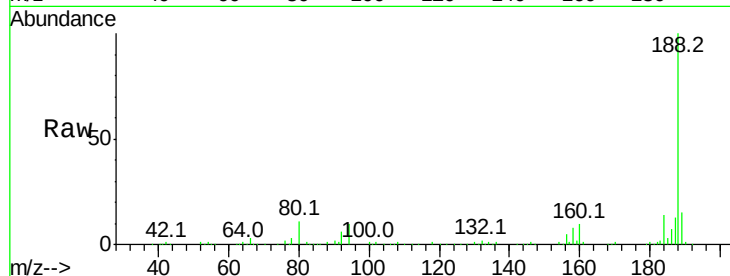
Tot Ion:188 Resp: 327196

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

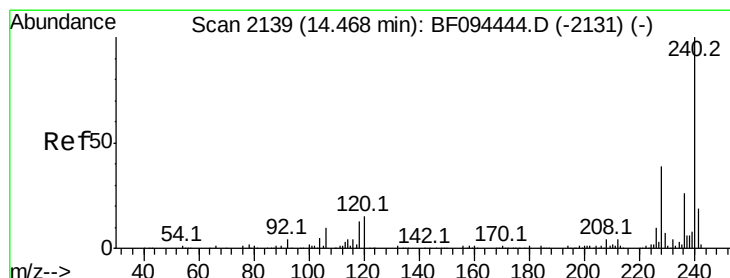
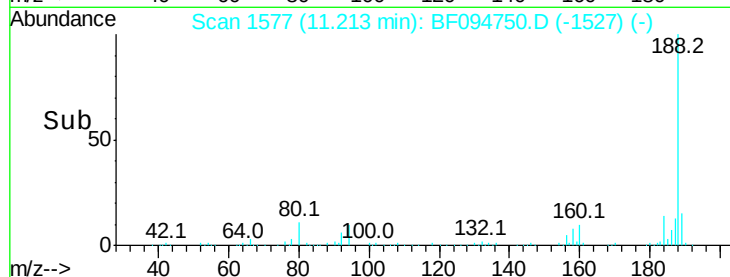
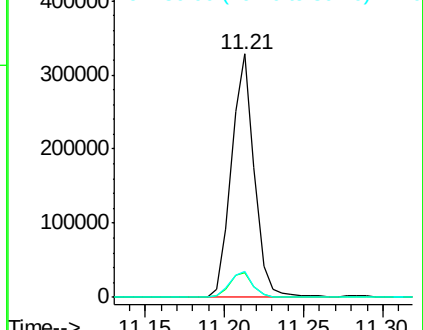
80 10.9 10.2 15.2



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: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094750.D

Acq: 1 May 2017 14:44

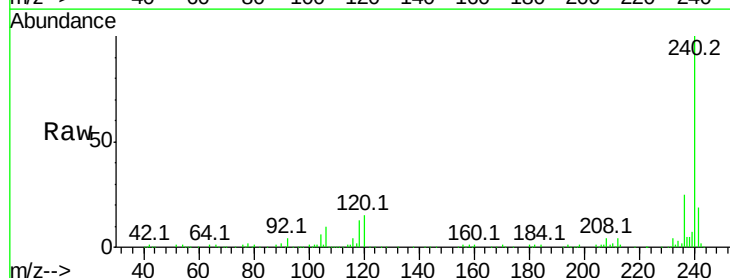
Tgt Ion:240 Resp: 253470

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

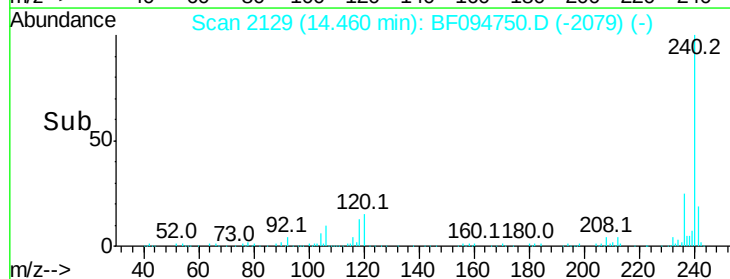
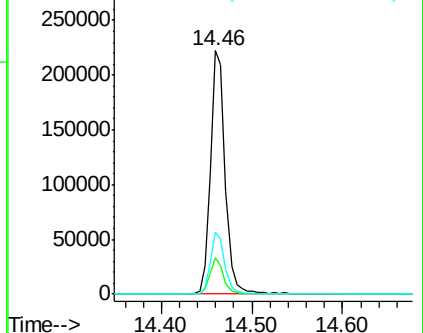
236 25.4 20.5 30.7

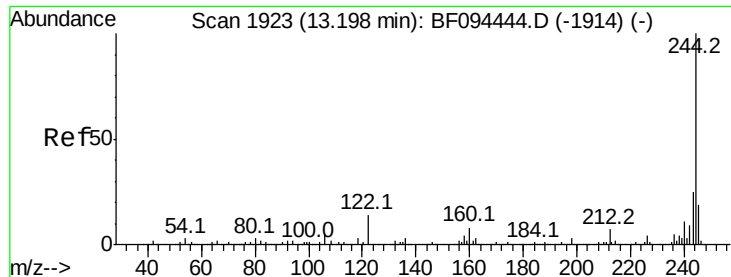


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 2.51 ng

RT: 13.18 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BF094750.D

Acq: 1 May 2017 14:44

Instrument :

BNA_F

ClientSampleId :

MW-7BD

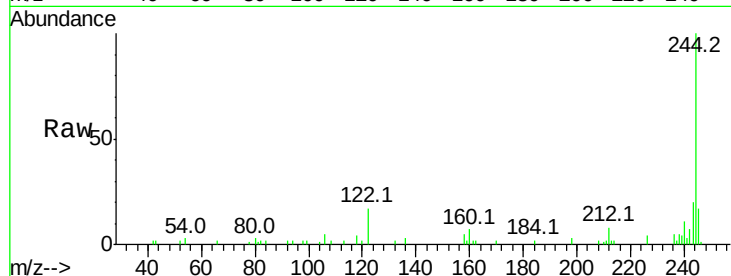
Tot Ion:244 Resp: 23803

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

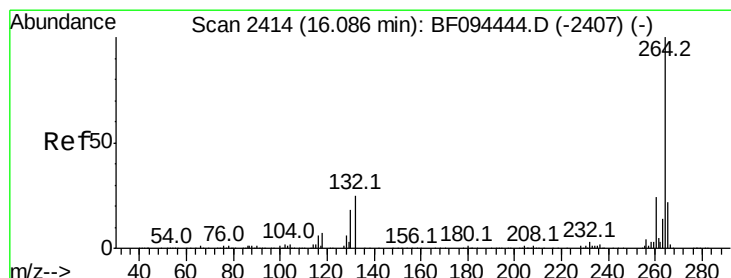
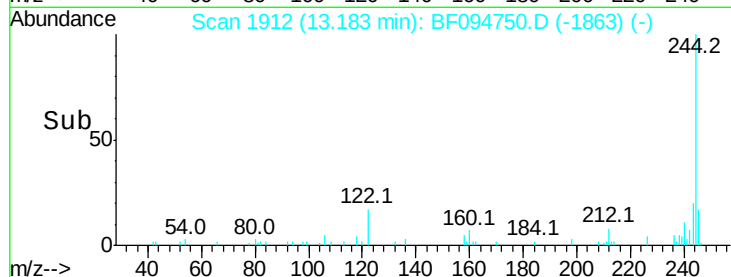
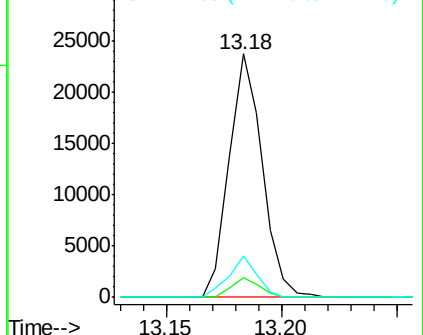
122 16.9 10.3 15.5#



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: 16.09 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BF094750.D

Acq: 1 May 2017 14:44

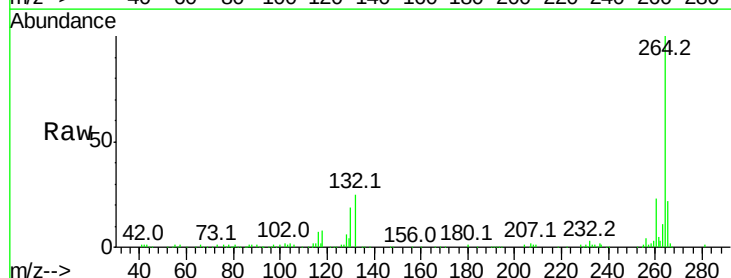
Tgt Ion:264 Resp: 181517

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

265 22.3 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

