

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
 Data File : BF093752.D
 Acq On : 18 Mar 2017 14:28
 Operator : SJ/MA
 Sample : I2277-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S39-9003

Quant Time: Mar 20 01:49:30 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

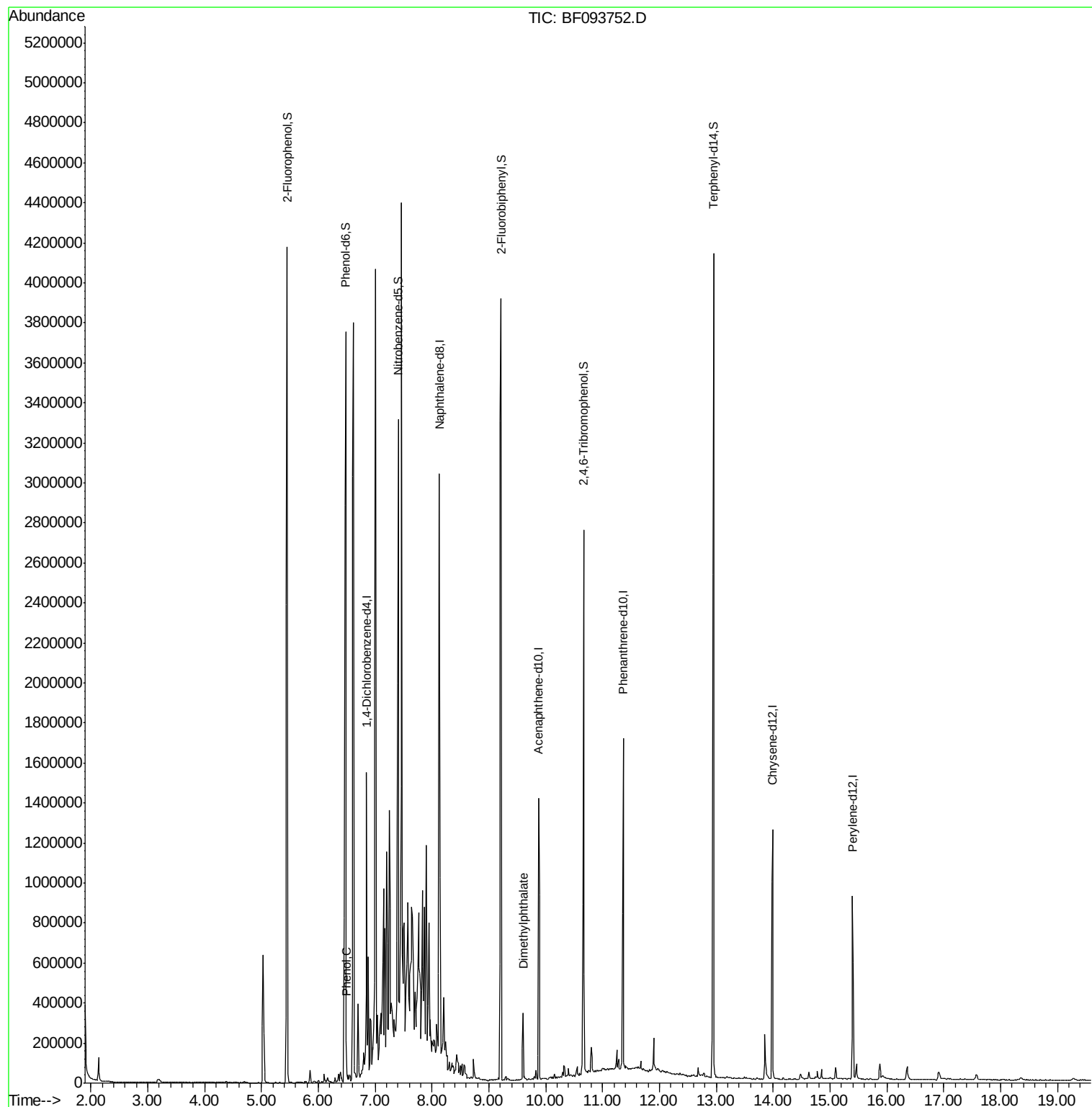
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	194220	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	709210	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	356692	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	679403	20.00	ng	0.00
75) Chrysene-d12	13.99	240	561057	20.00	ng	-0.01
86) Perylene-d12	15.40	264	427396	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1385156	118.90	ng	0.01
7) Phenol-d6	6.48	99	1842588	127.62	ng	0.00
23) Nitrobenzene-d5	7.41	82	1038338	87.87	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	324089	138.83	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1862799	98.55	ng	0.00
78) Terphenyl-d14	12.95	244	1498072	57.47	ng	0.00
Target Compounds						
10) Phenol	6.49	94	82801	4.90	ng	78
49) Dimethylphthalate	9.60	163	153979	6.61	ng	97

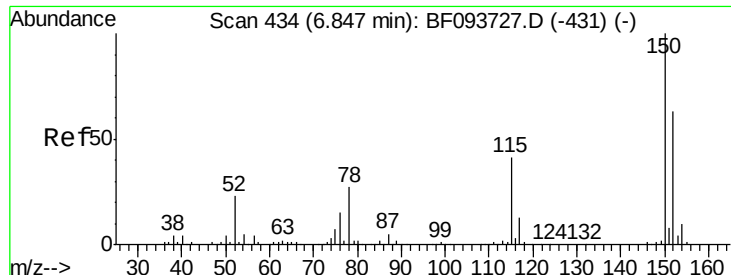
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF093752.D

Acq: 18 Mar 2017 14:28

Instrument :

BNA_F

ClientSampleId :

S39-9003

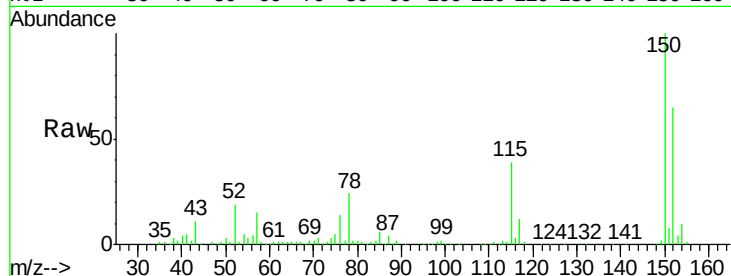
Tgt Ion:152 Resp: 194220

Ion Ratio Lower Upper

152 100

150 154.9 126.2 189.2

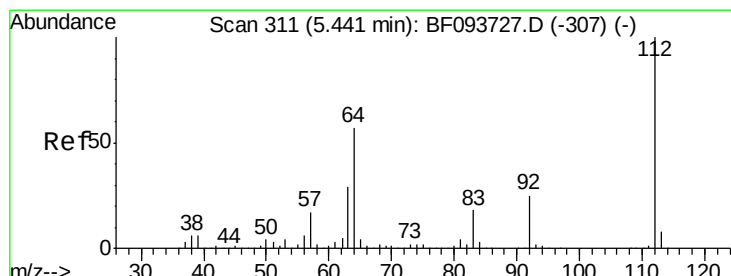
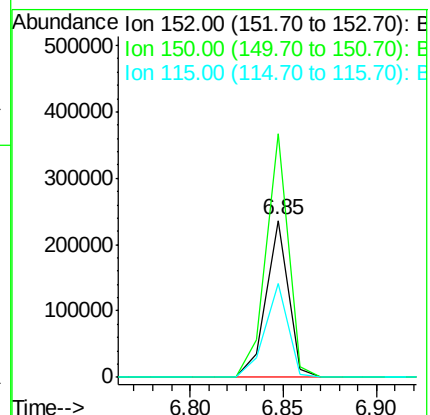
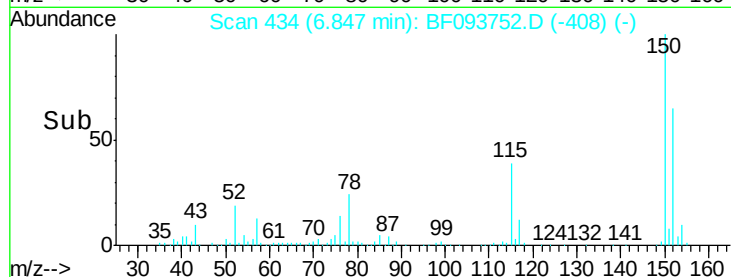
115 59.7 52.2 78.2



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: 118.90 ng

RT: 5.45 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF093752.D

Acq: 18 Mar 2017 14:28

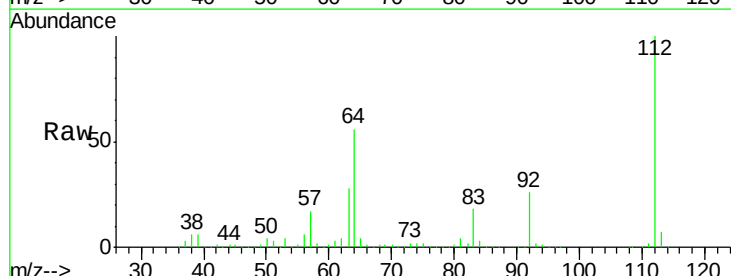
Tgt Ion:112 Resp: 1385156

Ion Ratio Lower Upper

112 100

64 56.3 46.0 69.0

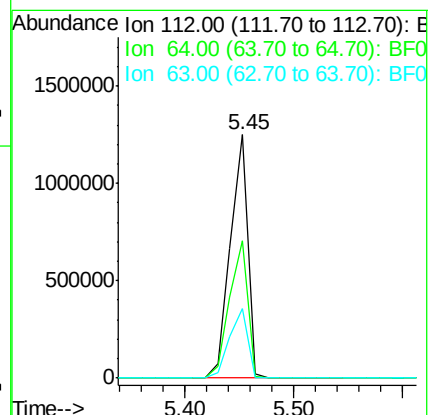
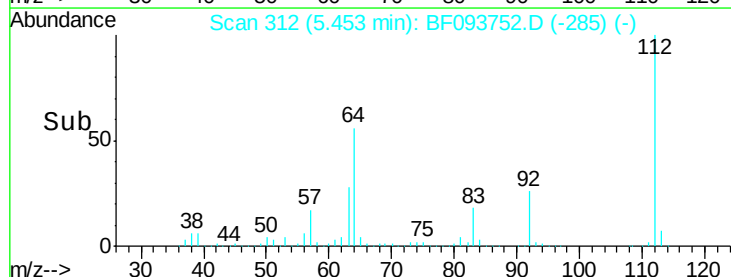
63 28.4 23.4 35.0

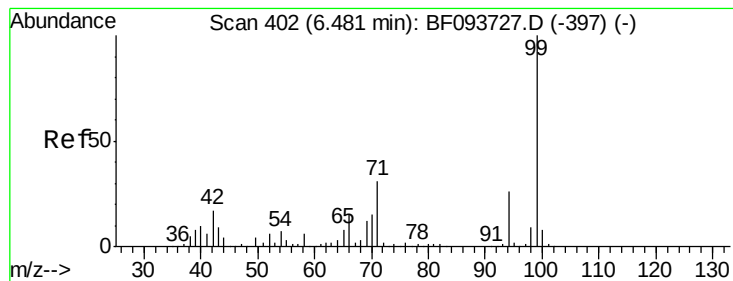


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.62 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF093752.D

Acq: 18 Mar 2017 14:28

Instrument :

BNA_F

ClientSampleId :

S39-9003

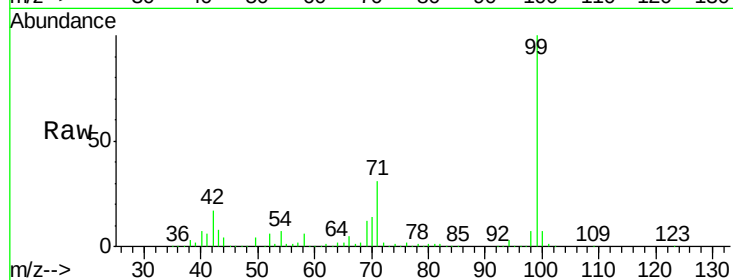
Tgt Ion: 99 Resp: 1842588

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

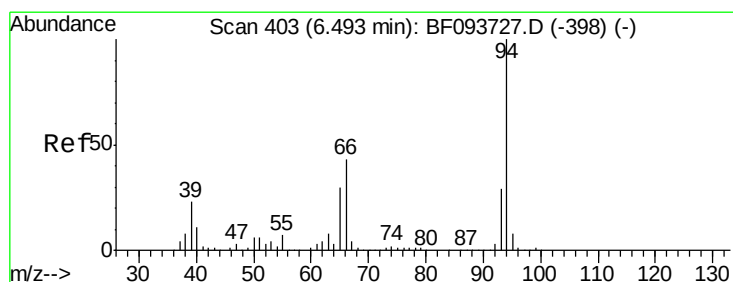
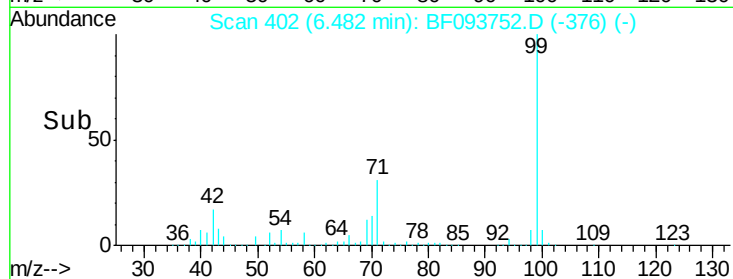
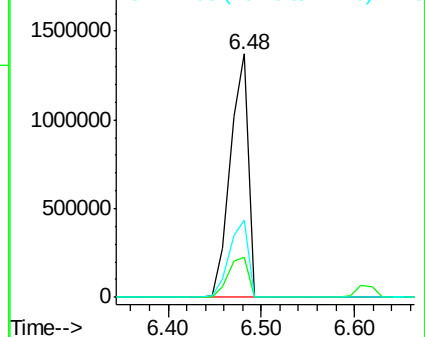
71 31.5 24.5 36.7



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: 4.90 ng

RT: 6.49 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF093752.D

Acq: 18 Mar 2017 14:28

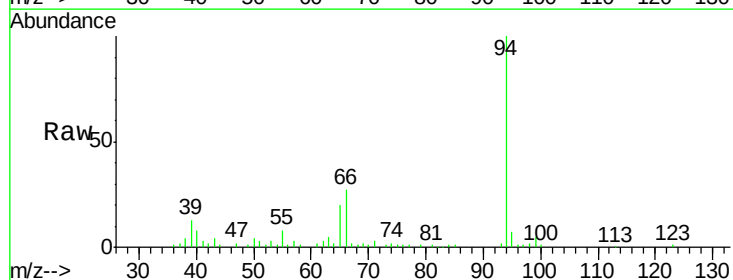
Tgt Ion: 94 Resp: 82801

Ion Ratio Lower Upper

94 100

65 20.4 9.9 49.9

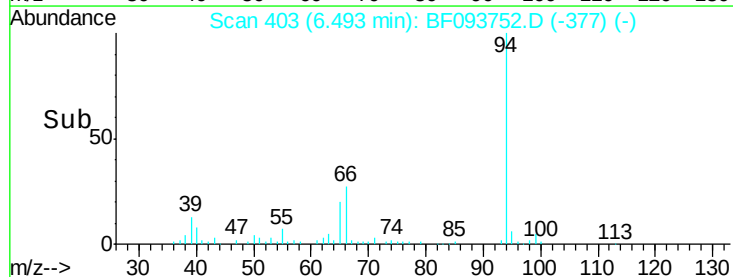
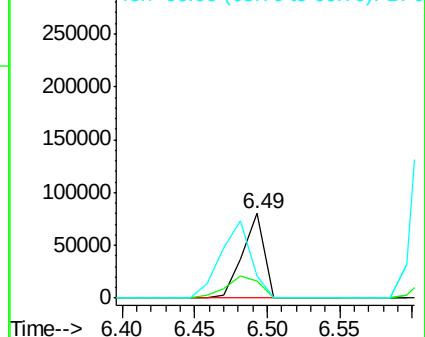
66 26.7 23.1 63.1

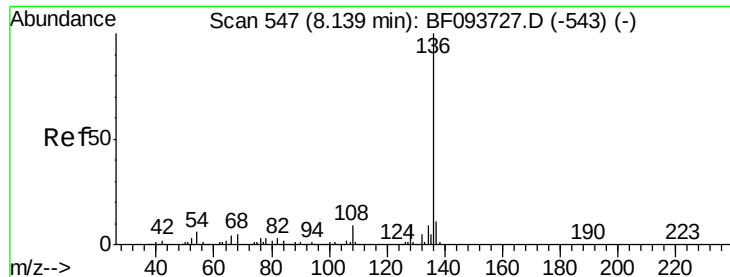


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.13 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF093752.D

Acq: 18 Mar 2017 14:28

Instrument :

BNA_F

ClientSampleId :

S39-9003

Tgt Ion:136 Resp: 709210

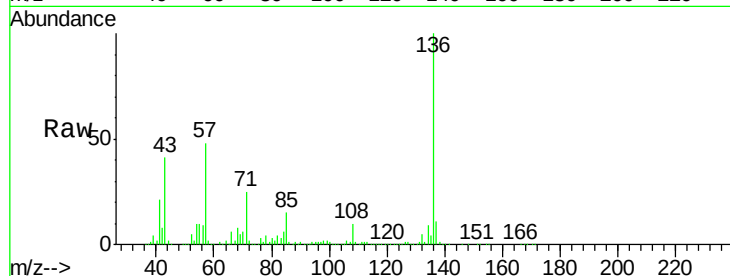
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 9.9 4.9 7.3#

68 7.6 4.1 6.1#

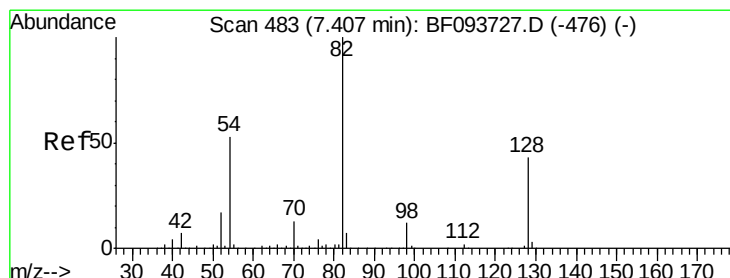
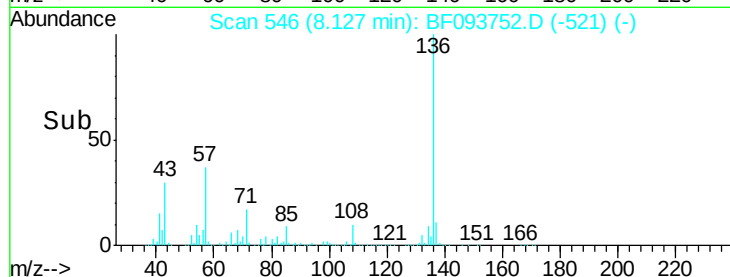
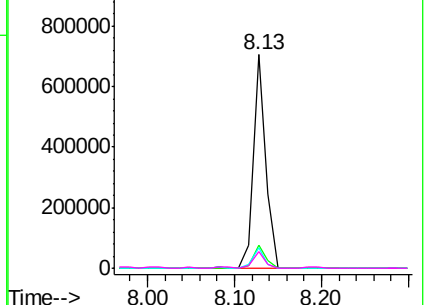


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.87 ng

RT: 7.41 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF093752.D

Acq: 18 Mar 2017 14:28

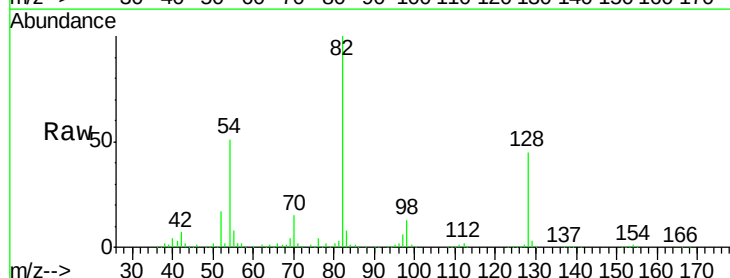
Tgt Ion: 82 Resp: 1038338

Ion Ratio Lower Upper

82 100

128 45.1 34.0 51.0

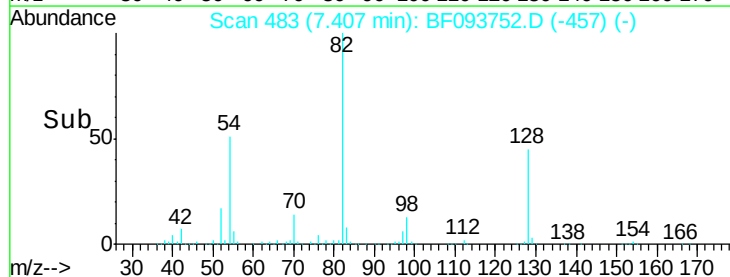
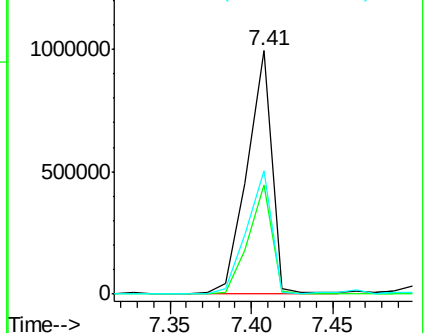
54 50.8 42.2 63.2

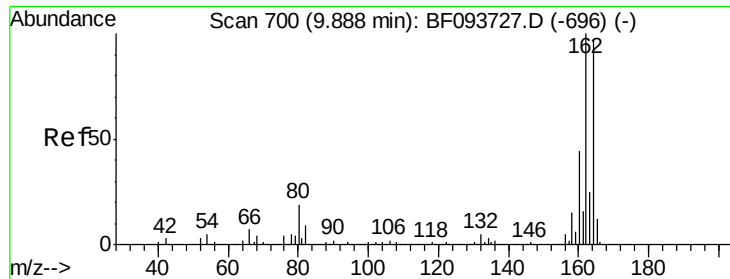


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF093752.D

Acq: 18 Mar 2017 14:28

Instrument :

BNA_F

ClientSampleId :

S39-9003

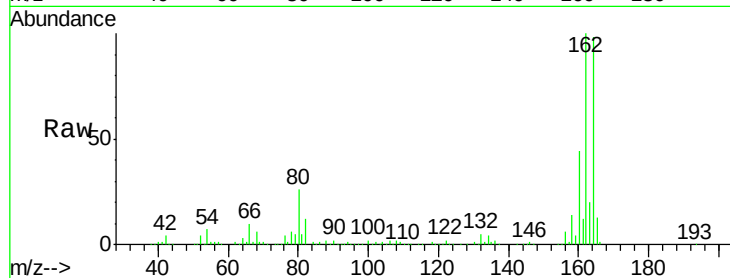
Tgt Ion:164 Resp: 356692

Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

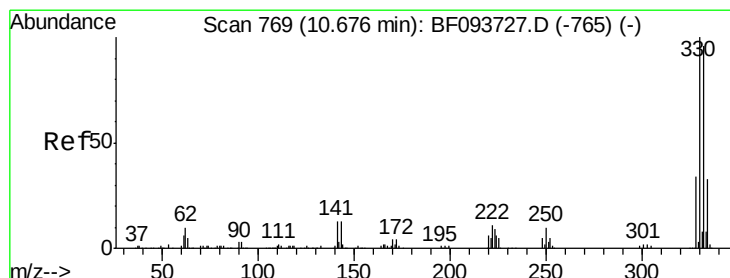
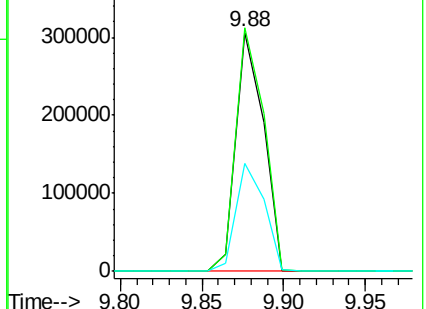
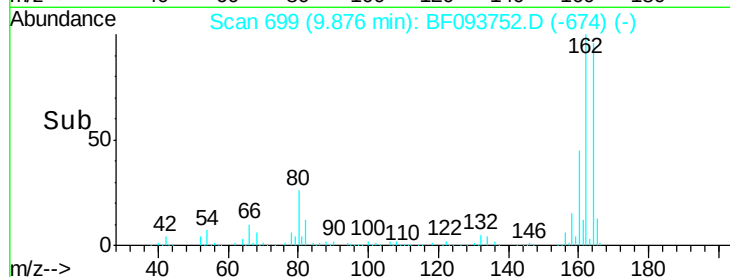
160 45.3 36.2 54.2



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: 138.83 ng

RT: 10.66 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF093752.D

Acq: 18 Mar 2017 14:28

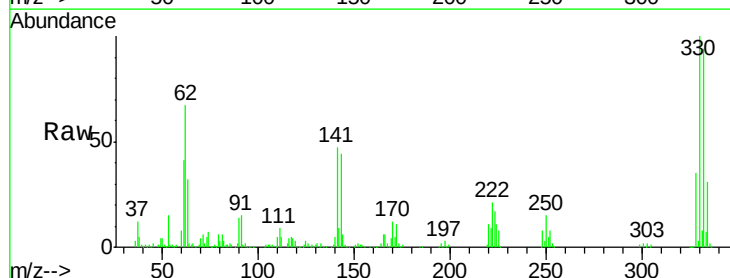
Tgt Ion:330 Resp: 324089

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

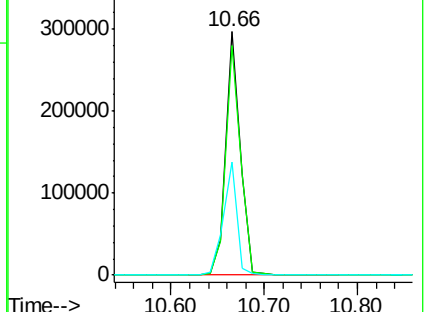
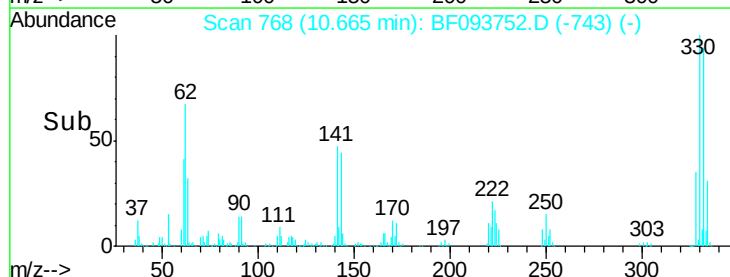
141 43.7 31.4 47.2

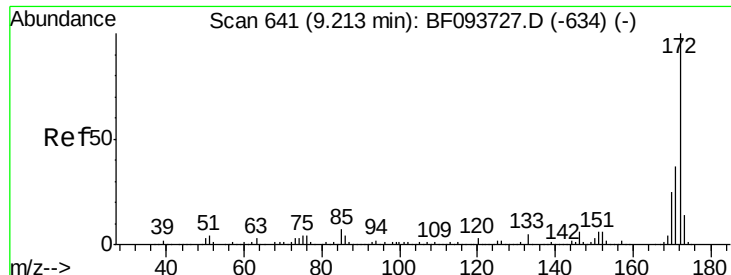


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

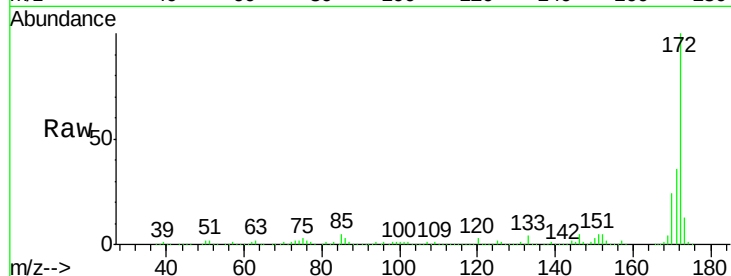




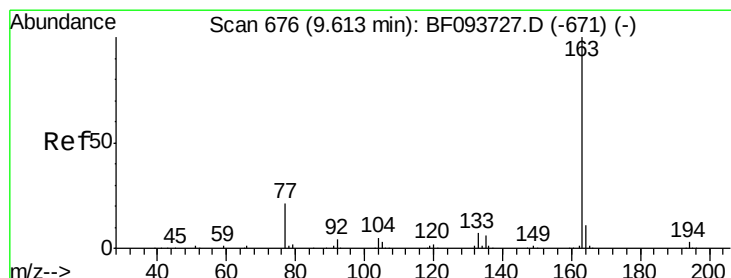
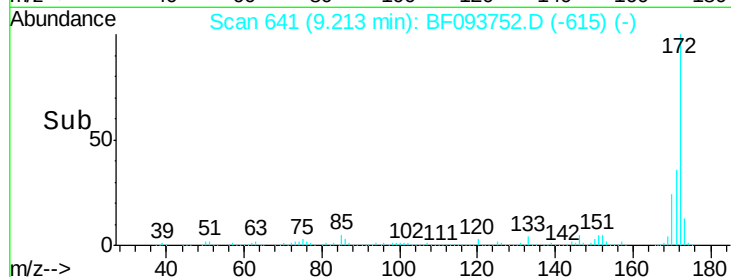
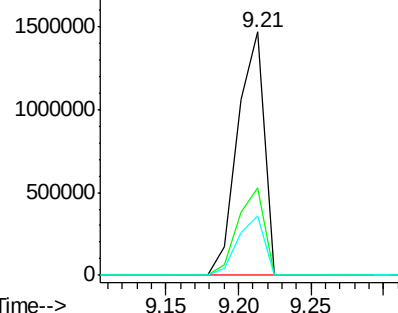
#44
2-Fluorobiphenyl
Concen: 98.55 ng
RT: 9.21 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF093752.D
Acq: 18 Mar 2017 14:28

Instrument :
BNA_F
ClientSampleId :
S39-9003

Tgt Ion:172 Resp: 1862799
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.3 19.8 29.8

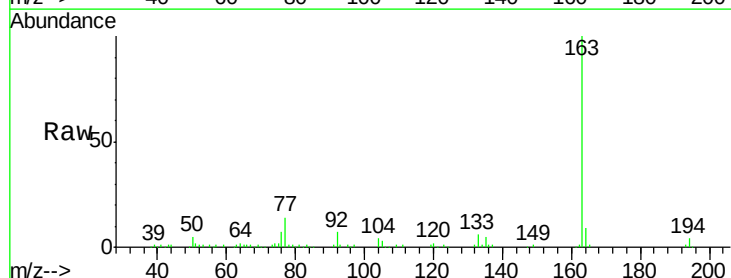


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

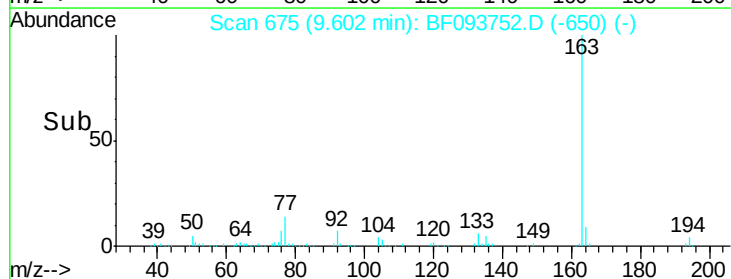
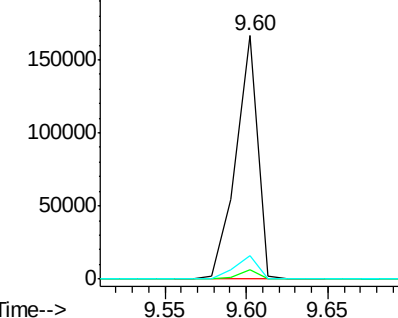


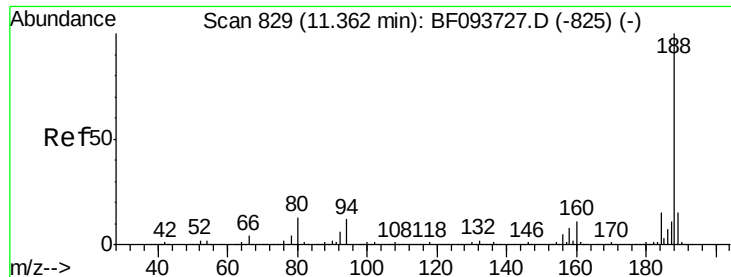
#49
Dimethylphthalate
Concen: 6.61 ng
RT: 9.60 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF093752.D
Acq: 18 Mar 2017 14:28

Tgt Ion:163 Resp: 153979
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 9.5 8.4 12.6



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

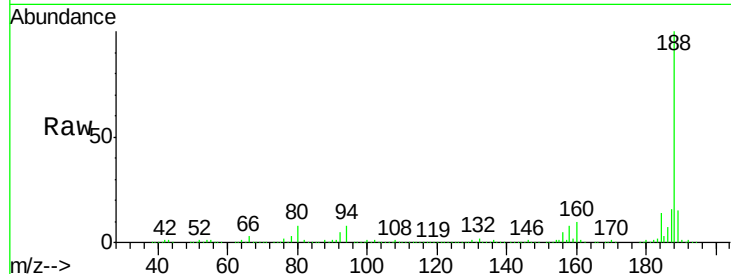




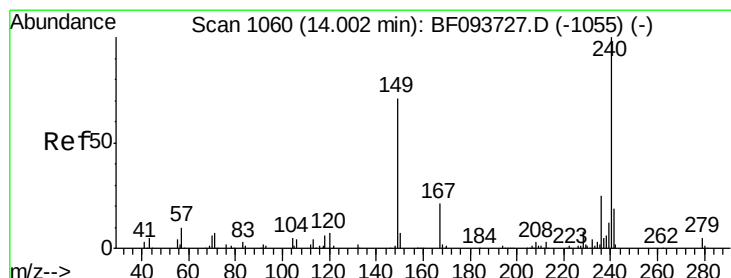
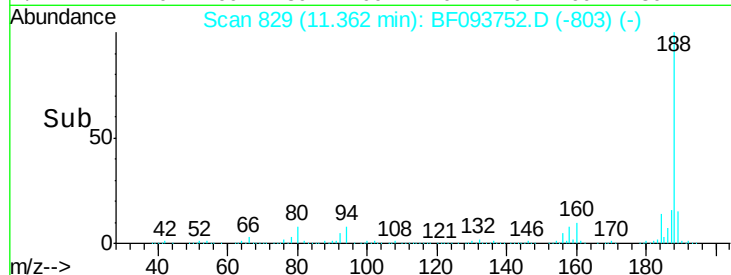
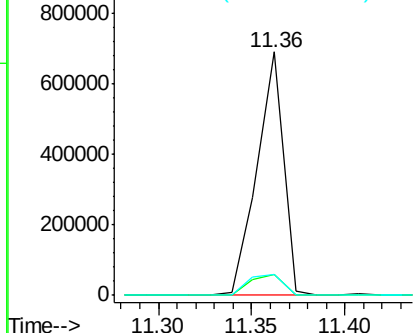
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF093752.D
Acq: 18 Mar 2017 14:28

Instrument :
BNA_F
ClientSampleId :
S39-9003

Tgt Ion:188 Resp: 679403
Ion Ratio Lower Upper
188 100
94 8.3 9.4 14.2#
80 8.4 10.2 15.2#

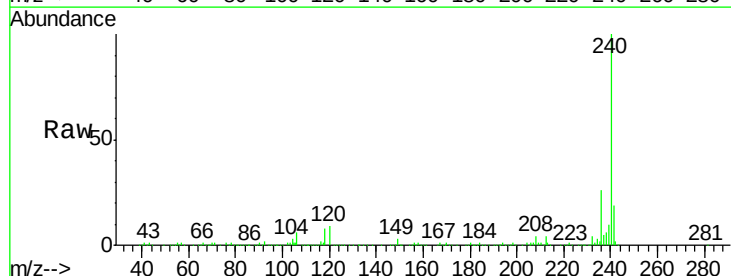


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

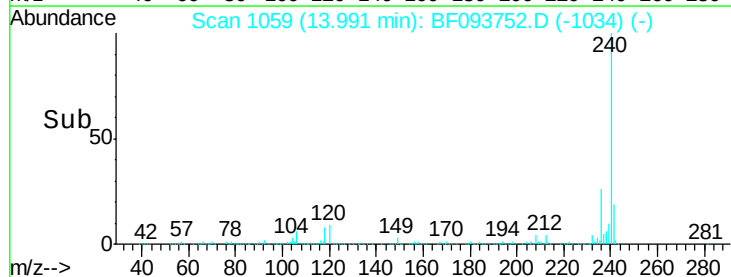
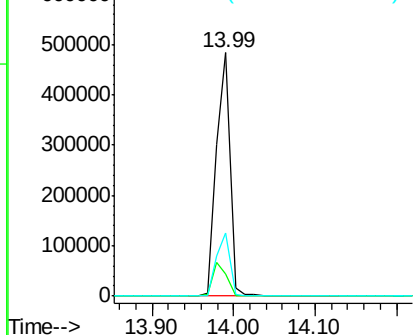


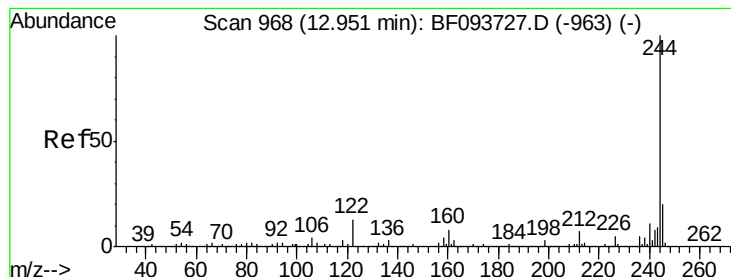
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF093752.D
Acq: 18 Mar 2017 14:28

Tgt Ion:240 Resp: 561057
Ion Ratio Lower Upper
240 100
120 9.0 5.8 8.8#
236 26.0 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: 57.47 ng

RT: 12.95 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF093752.D

Acq: 18 Mar 2017 14:28

Instrument :

BNA_F

ClientSampleId :

S39-9003

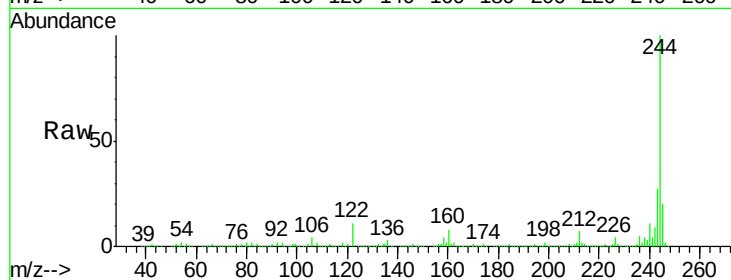
Tgt Ion:244 Resp: 1498072

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

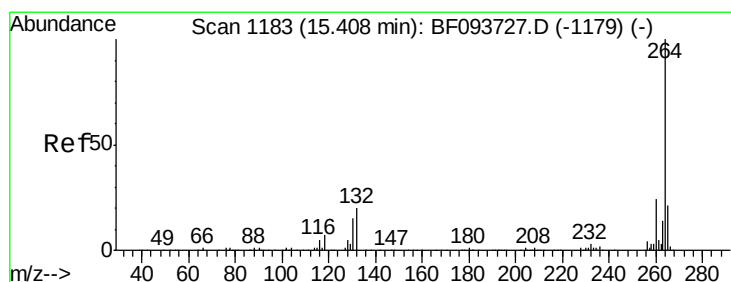
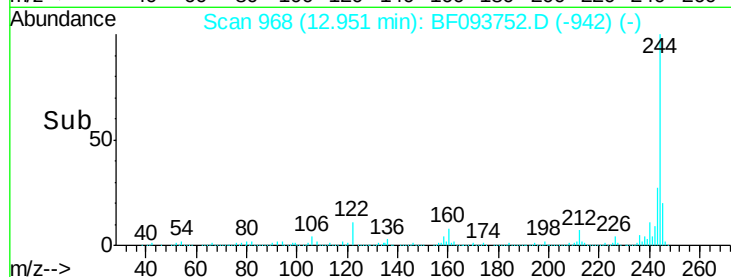
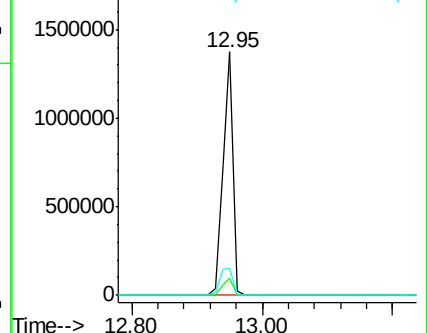
122 11.4 10.3 15.5



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: 15.40 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF093752.D

Acq: 18 Mar 2017 14:28

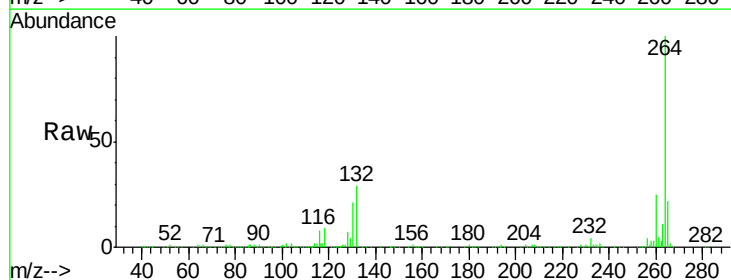
Tgt Ion:264 Resp: 427396

Ion Ratio Lower Upper

264 100

260 24.8 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

