

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
 Data File : BF093810.D
 Acq On : 21 Mar 2017 20:44
 Operator : SJ/MA
 Sample : I2304-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A(0-5)B1

Quant Time: Mar 22 03:12:56 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 14:38:20 2017
 Response via : Initial Calibration

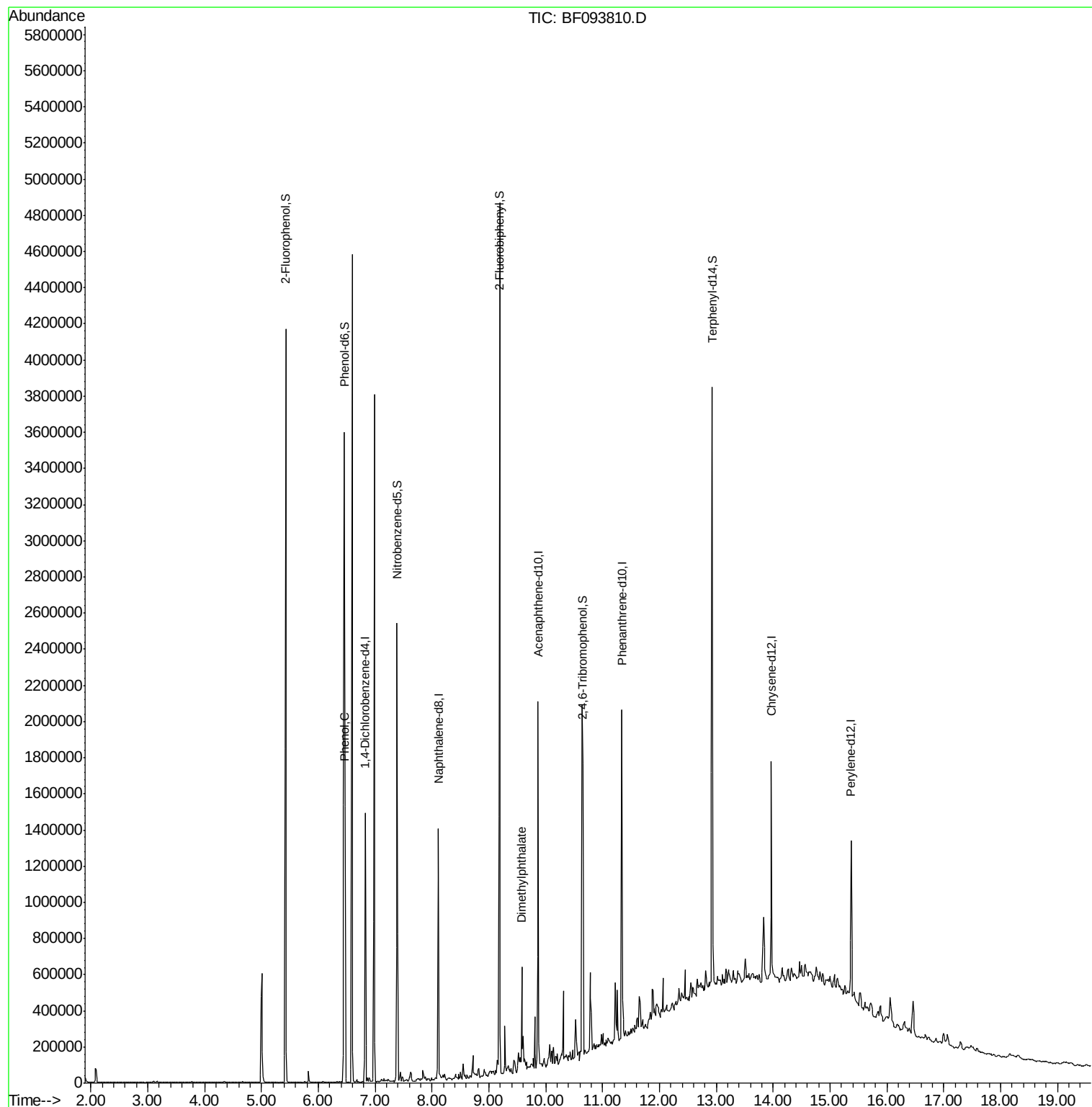
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	208470	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	866679	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	399500	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	634404	20.00	ng	0.00
75) Chrysene-d12	13.97	240	413485	20.00	ng	0.00
86) Perylene-d12	15.37	264	371703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1270878	106.60	ng	0.01
7) Phenol-d6	6.46	99	1607377	109.12	ng	0.00
23) Nitrobenzene-d5	7.38	82	964297	63.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	344046	111.19	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1522073	64.07	ng	0.00
78) Terphenyl-d14	12.93	244	1061157	52.32	ng	0.00
Target Compounds						
10) Phenol	6.47	94	133192	8.04	ng	97
49) Dimethylphthalate	9.58	163	196588	6.91	ng	99

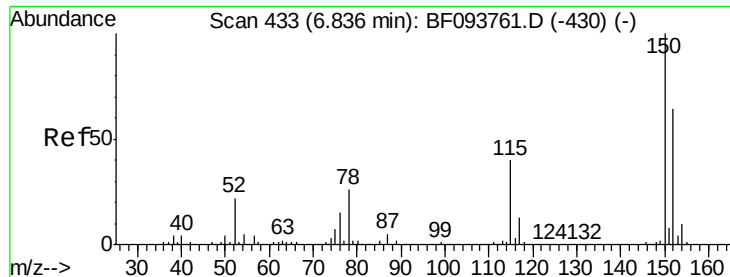
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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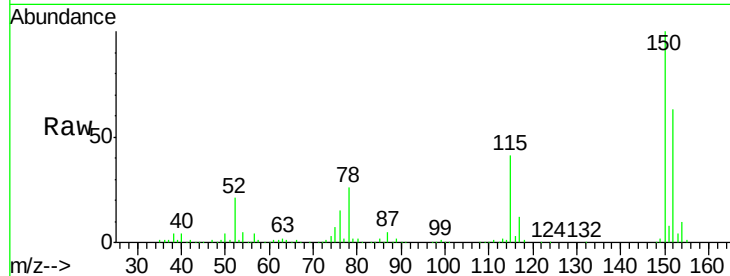


#1

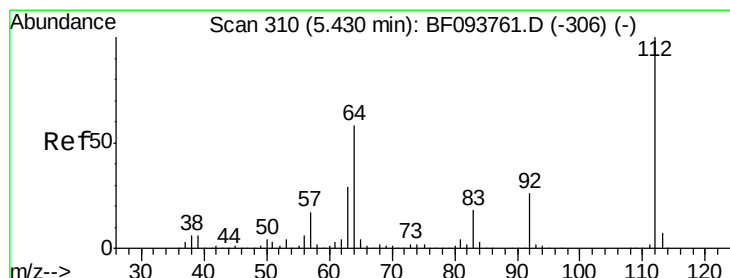
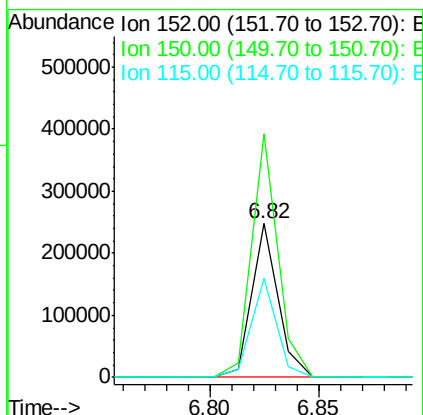
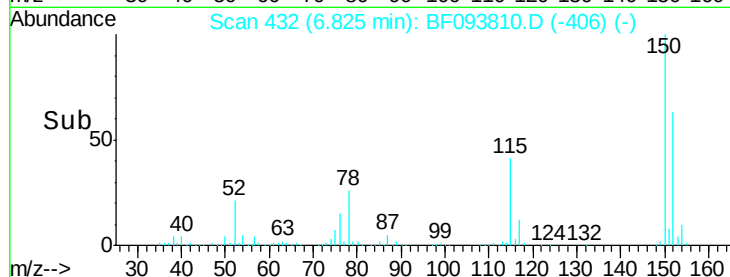
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF093810.D
 Acq: 21 Mar 2017 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-A(0-5)B1

Tgt Ion:152 Resp: 208470
 Ion Ratio Lower Upper
 152 100
 150 158.4 126.2 189.2
 115 64.4 52.2 78.2



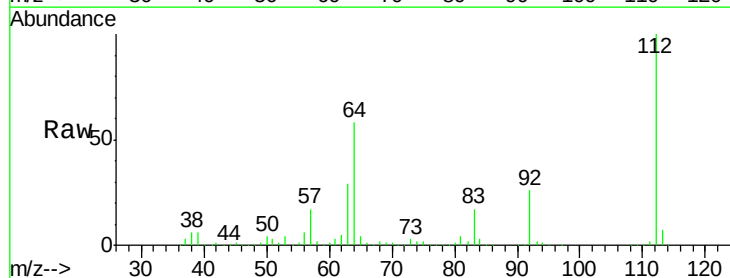
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



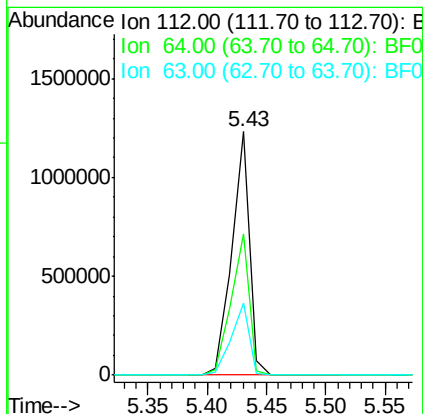
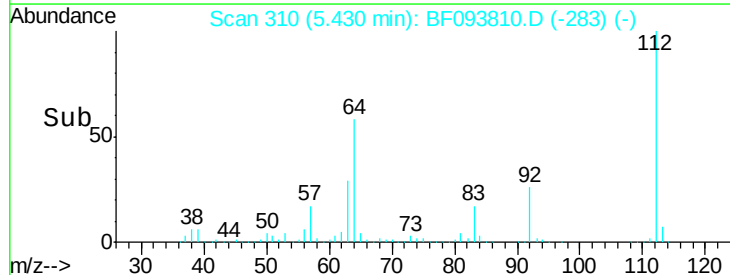
#5

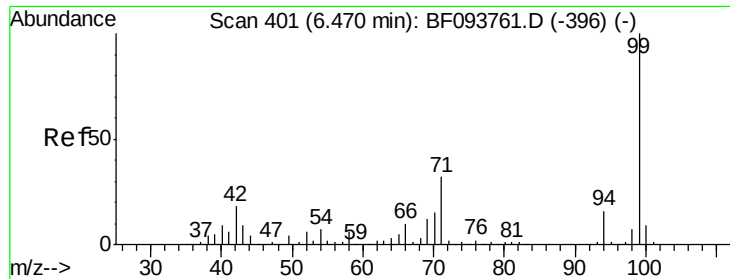
2-Fluorophenol
 Concen: 106.60 ng
 RT: 5.43 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: BF093810.D
 Acq: 21 Mar 2017 20:44

Tgt Ion:112 Resp: 1270878
 Ion Ratio Lower Upper
 112 100
 64 57.8 46.0 69.0
 63 29.4 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: 109.12 ng

RT: 6.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF093810.D

Acq: 21 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

SP-A(0-5)B1

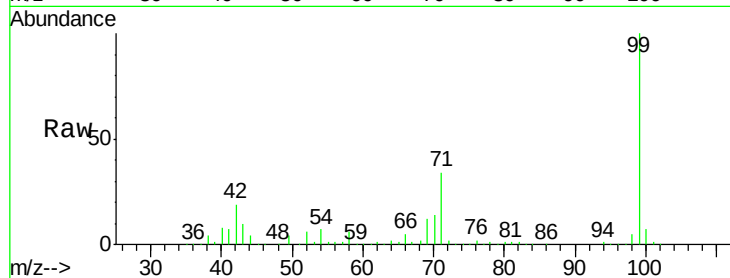
Tgt Ion: 99 Resp: 1607377

Ion Ratio Lower Upper

99 100

42 18.8 13.5 20.3

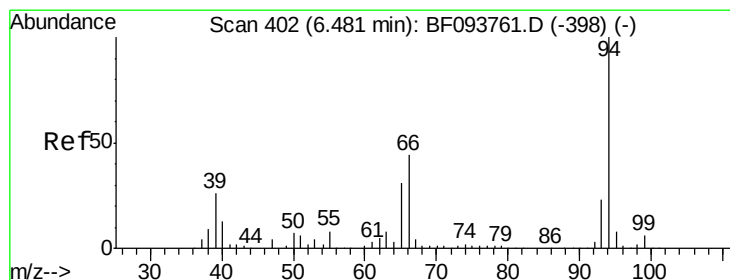
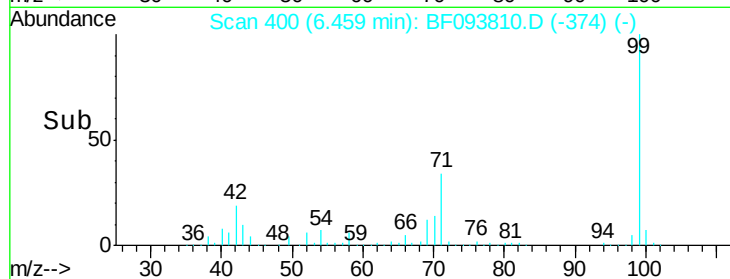
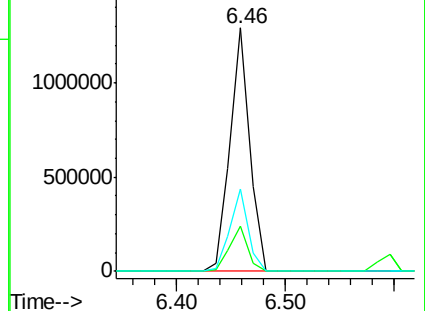
71 33.8 24.5 36.7



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: 8.04 ng

RT: 6.47 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF093810.D

Acq: 21 Mar 2017 20:44

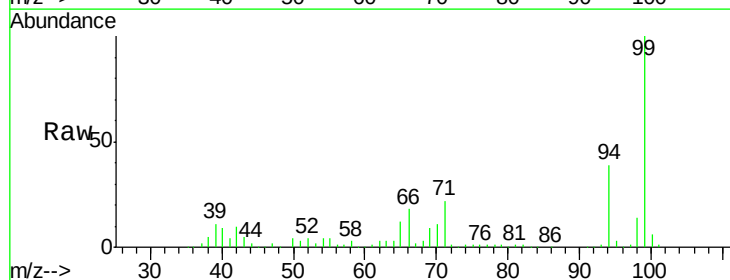
Tgt Ion: 94 Resp: 133192

Ion Ratio Lower Upper

94 100

65 31.4 9.9 49.9

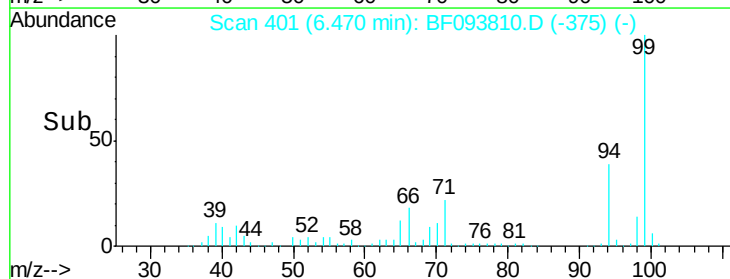
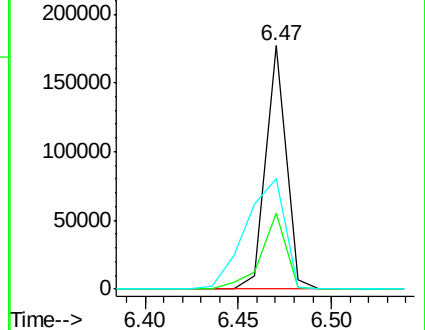
66 45.3 23.1 63.1

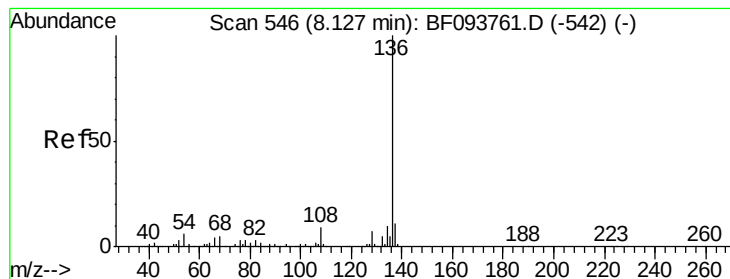


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.12 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF093810.D

Acq: 21 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

SP-A(0-5)B1

Tgt Ion:136 Resp: 866679

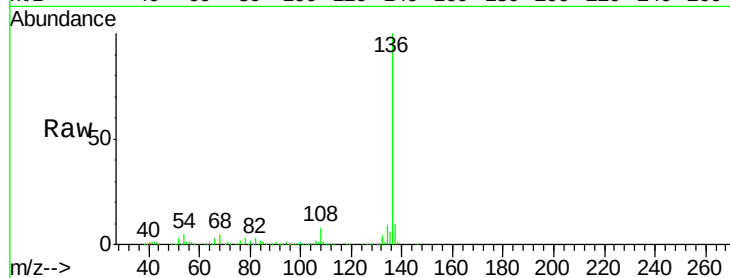
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 5.1 4.9 7.3

68 4.6 4.1 6.1

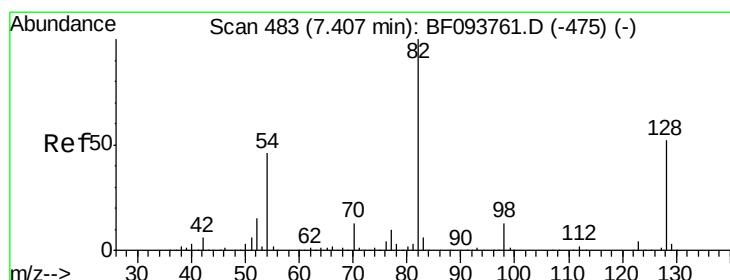
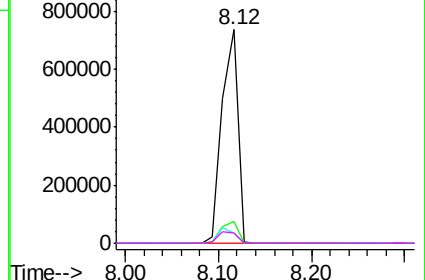
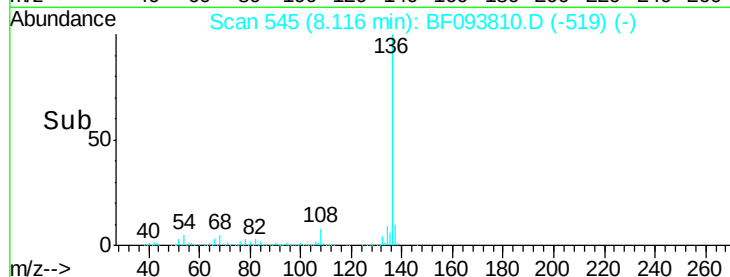


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.12 ng

RT: 7.38 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF093810.D

Acq: 21 Mar 2017 20:44

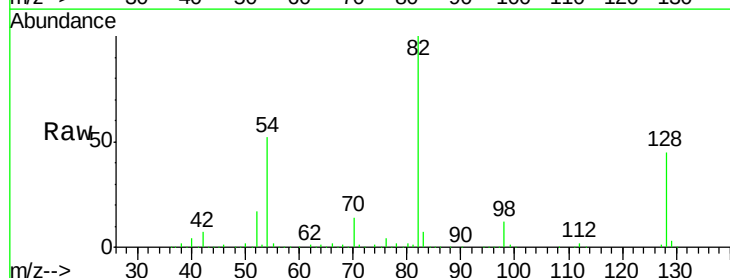
Tgt Ion: 82 Resp: 964297

Ion Ratio Lower Upper

82 100

128 44.8 34.0 51.0

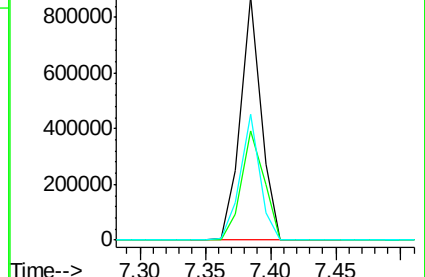
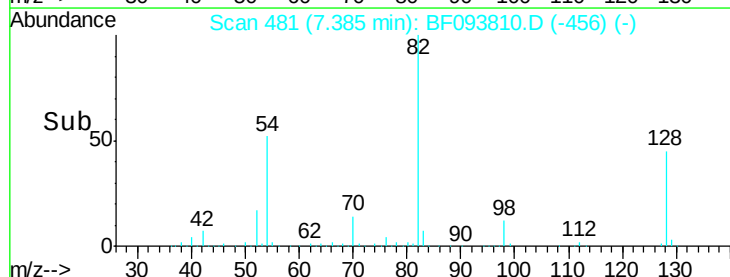
54 51.6 42.2 63.2

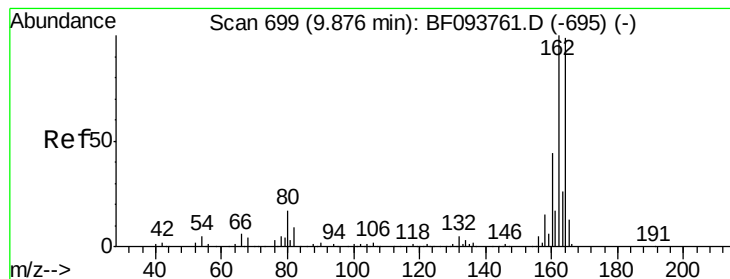


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.86 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF093810.D

Acq: 21 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

SP-A(0-5)B1

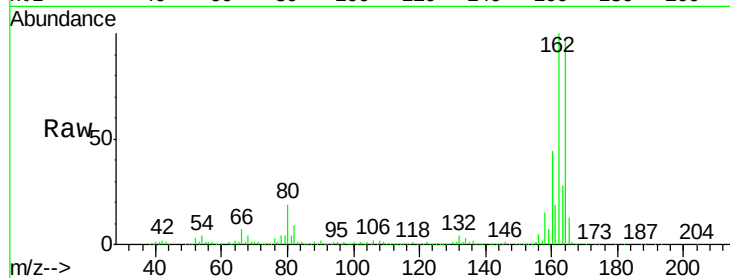
Tgt Ion:164 Resp: 399500

Ion Ratio Lower Upper

164 100

162 103.3 82.6 123.8

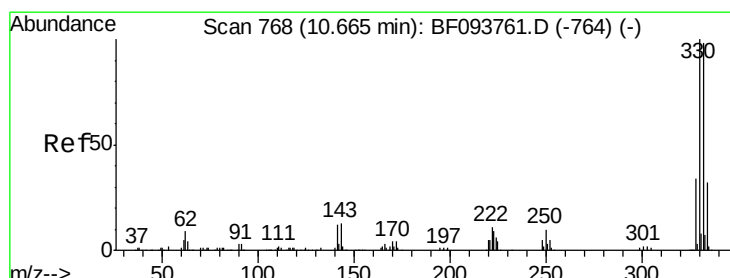
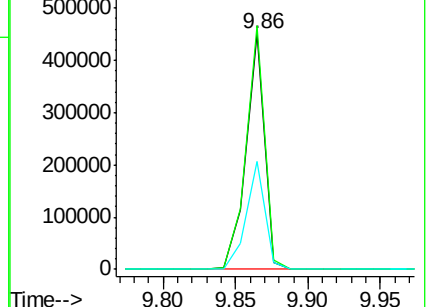
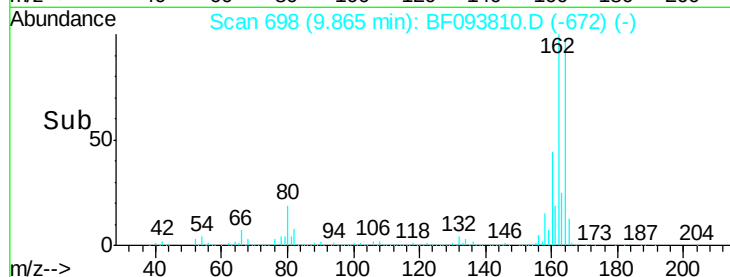
160 45.8 36.2 54.2



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: 111.19 ng

RT: 10.65 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF093810.D

Acq: 21 Mar 2017 20:44

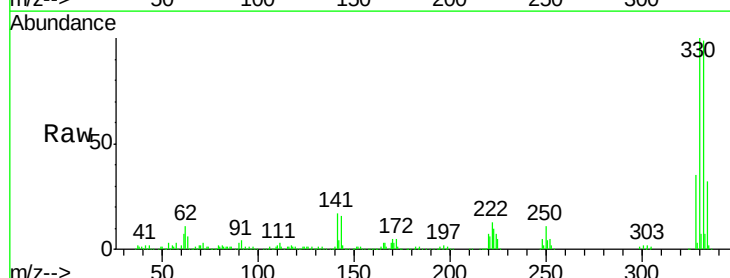
Tgt Ion:330 Resp: 344046

Ion Ratio Lower Upper

330 100

332 97.8 76.6 115.0

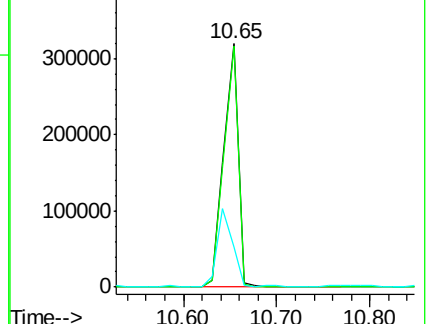
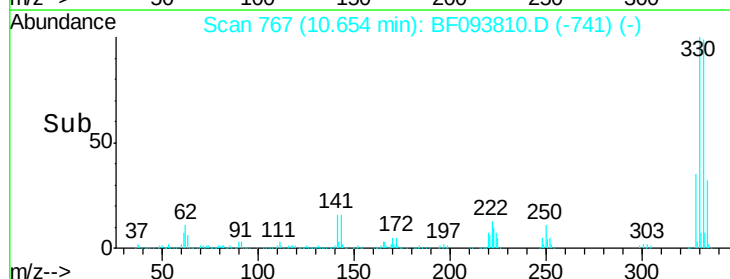
141 35.0 31.4 47.2

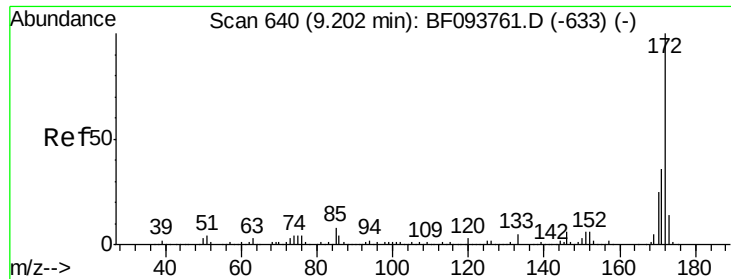


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

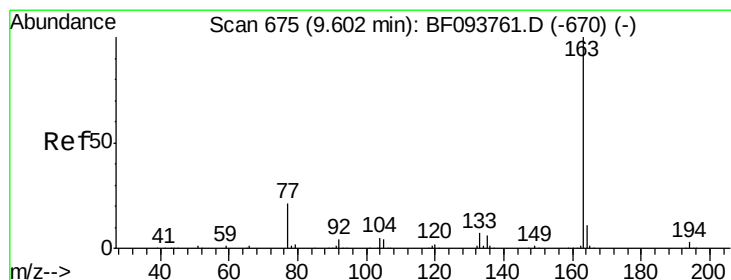
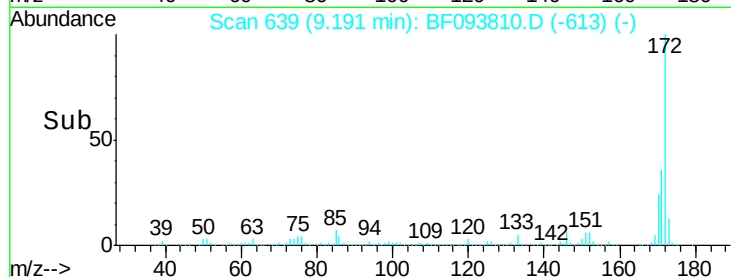
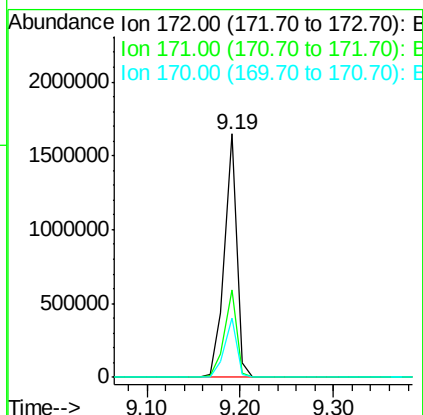
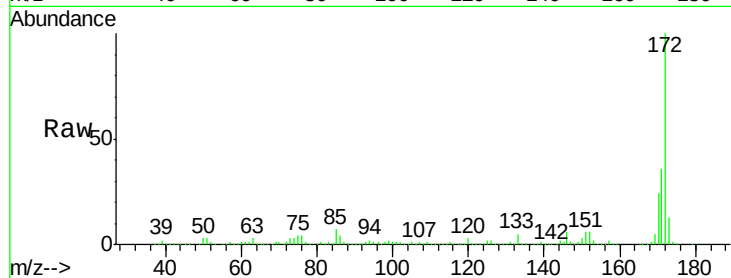




#44
 2-Fluorobiphenyl
 Concen: 64.07 ng
 RT: 9.19 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF093810.D
 Acq: 21 Mar 2017 20:44

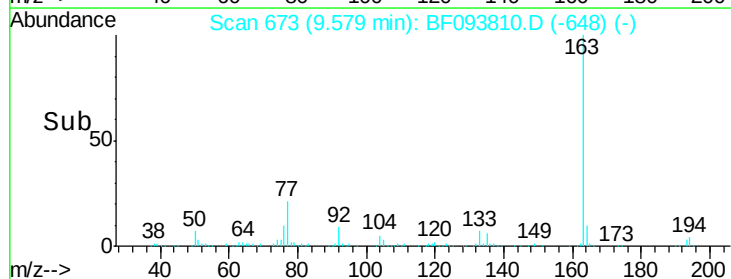
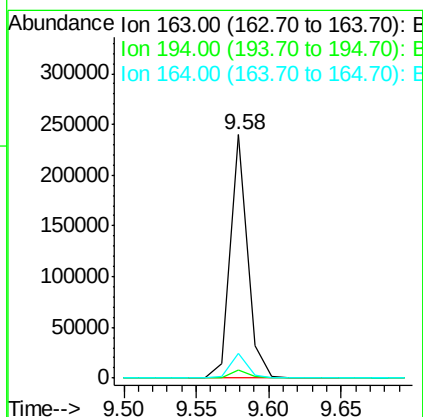
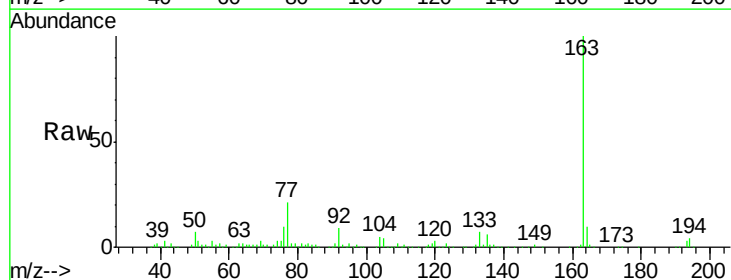
Instrument :
 BNA_F
 ClientSampleId :
 SP-A(0-5)B1

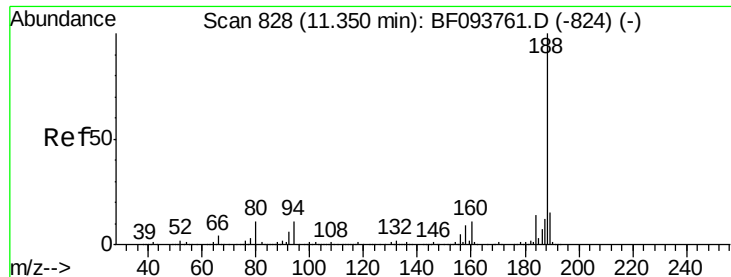
Tgt Ion:172 Resp: 1522073
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.2 19.8 29.8



#49
 Dimethylphthalate
 Concen: 6.91 ng
 RT: 9.58 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF093810.D
 Acq: 21 Mar 2017 20:44

Tgt Ion:163 Resp: 196588
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 4.0
 164 10.3 8.4 12.6

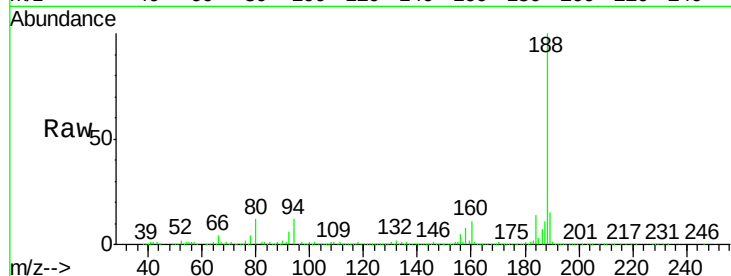




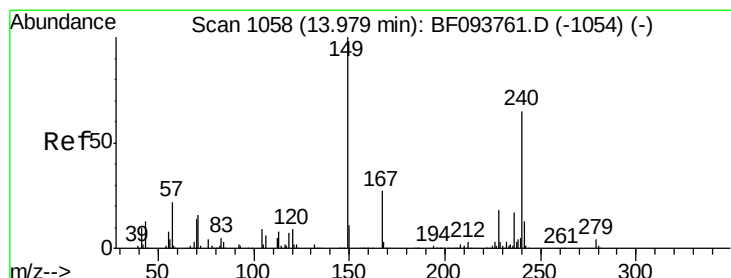
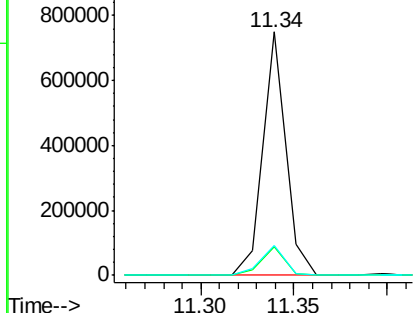
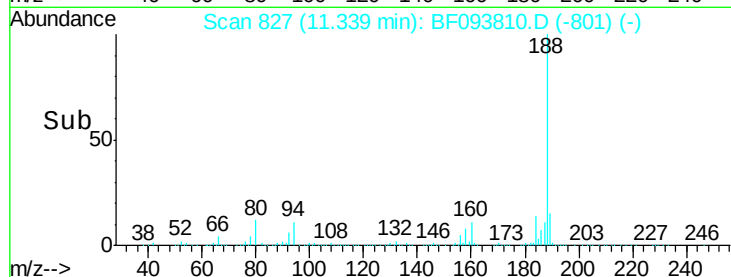
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF093810.D
Acq: 21 Mar 2017 20:44

Instrument :
BNA_F
ClientSampleId :
SP-A(0-5)B1

Tgt Ion:188 Resp: 634404
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 12.2 10.2 15.2

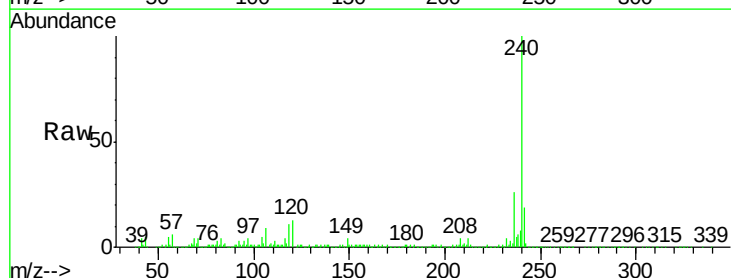


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

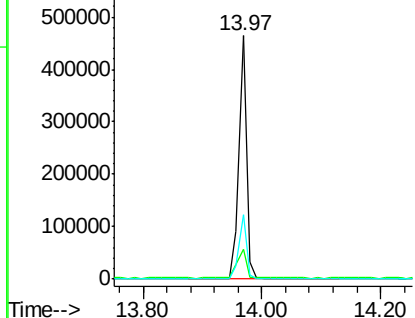
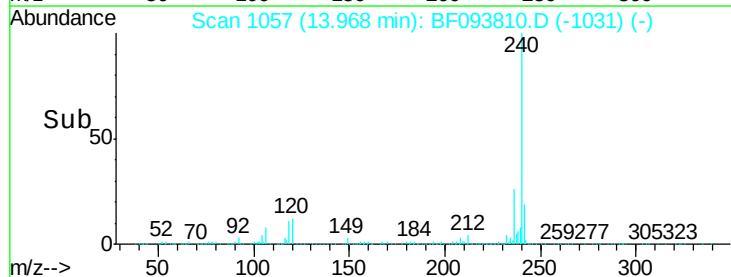


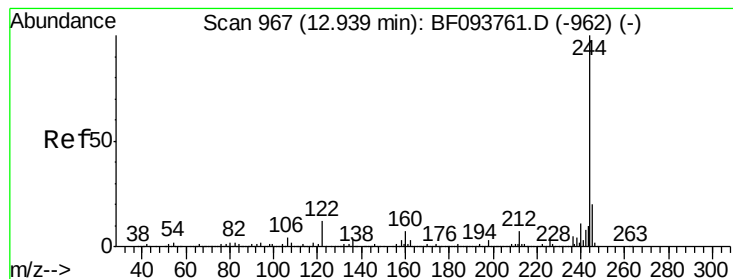
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF093810.D
Acq: 21 Mar 2017 20:44

Tgt Ion:240 Resp: 413485
Ion Ratio Lower Upper
240 100
120 12.5 5.8 8.8#
236 26.4 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: 52.32 ng

RT: 12.93 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF093810.D

Acq: 21 Mar 2017 20:44

Instrument :

BNA_F

ClientSampleId :

SP-A(0-5)B1

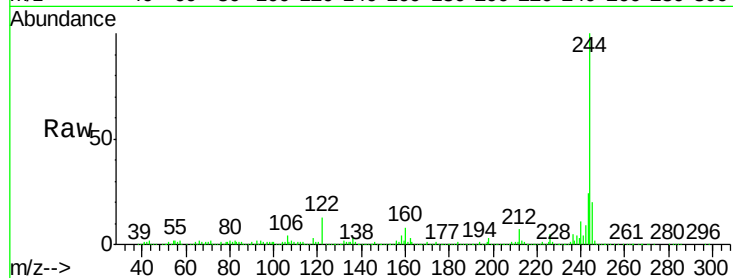
Tgt Ion:244 Resp: 1061157

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

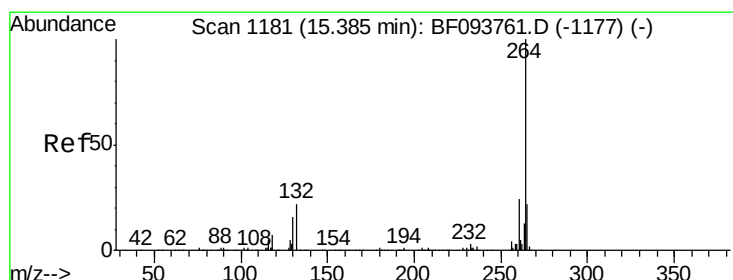
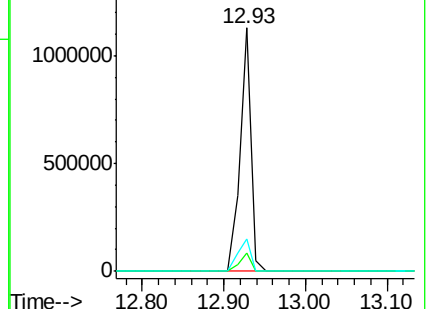
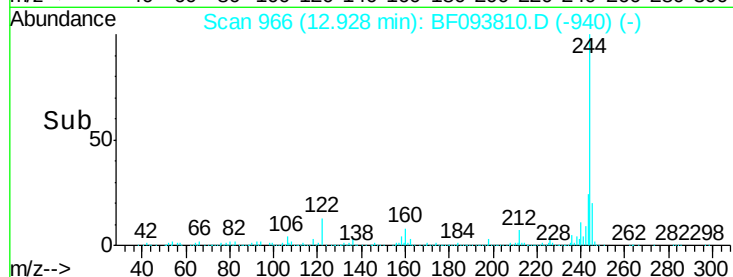
122 13.2 10.3 15.5



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: 15.37 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF093810.D

Acq: 21 Mar 2017 20:44

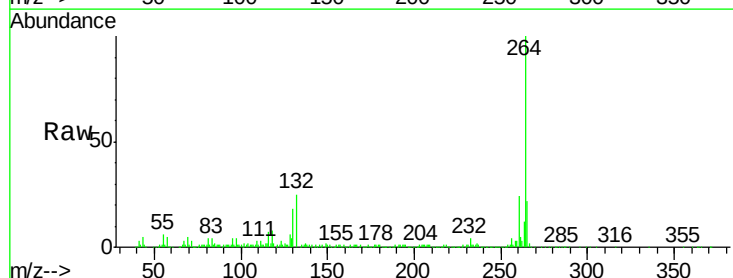
Tgt Ion:264 Resp: 371703

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.7 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

