

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093499.D
 Acq On : 10 Mar 2017 2:14
 Operator : SJ/MA
 Sample : I2157-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-BLEND008-01

Quant Time: Mar 10 05:48:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

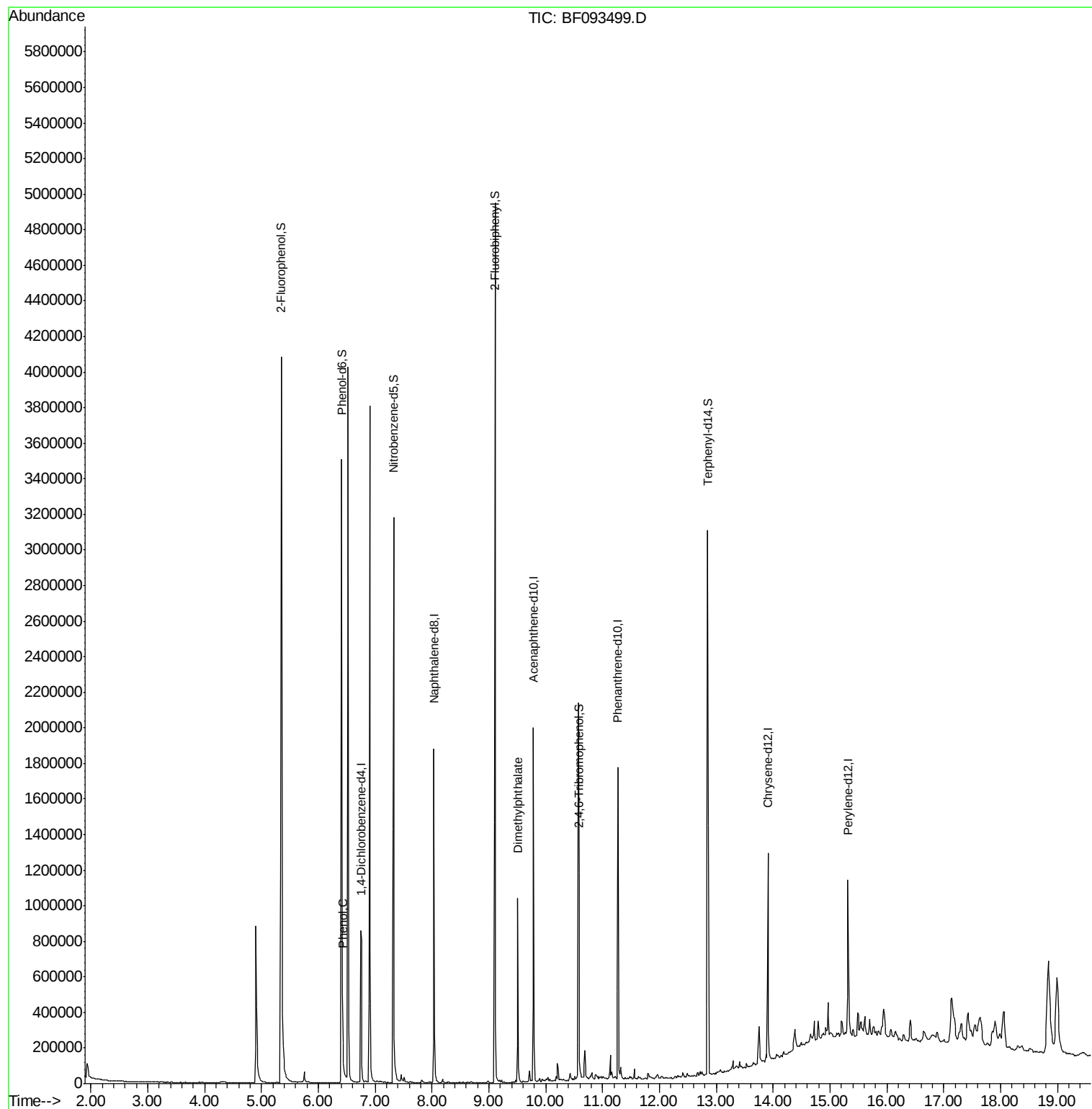
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	193679	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	799574	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	381803	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	643843	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	434187	20.00	ng	-0.01
86) Perylene-d12	15.32	264	384578	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1365358	117.33	ng	0.00
7) Phenol-d6	6.41	99	1859136	126.69	ng	0.00
23) Nitrobenzene-d5	7.33	82	1181879	82.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	289904	116.54	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1544430	75.24	ng	-0.02
78) Terphenyl-d14	12.85	244	1078283	64.57	ng	-0.02
Target Compounds						
10) Phenol	6.42	94	36797	2.05	ng	87
49) Dimethylphthalate	9.51	163	413753	16.35	ng	100

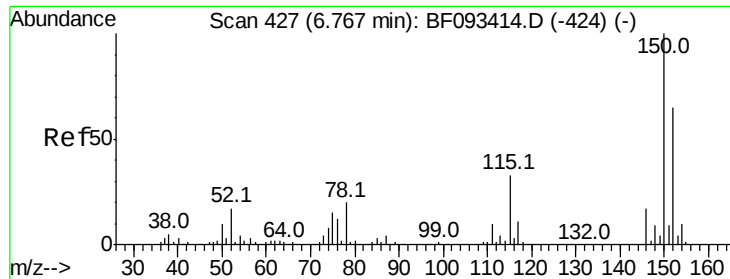
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 07 15:55:22 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF093499.D

Acq: 10 Mar 2017 2:14

Instrument :

BNA_F

ClientSampleId :

EME-BLEND008-01

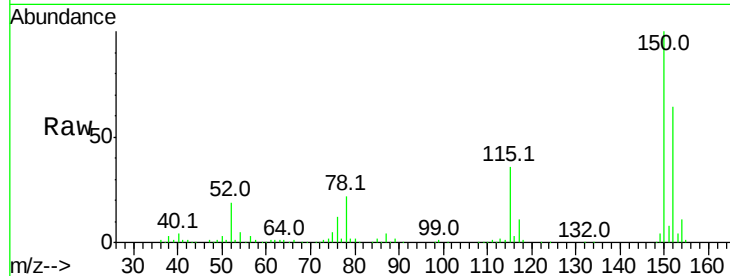
Tot Ion:152 Resp: 193679

Ion Ratio Lower Upper

152 100

150 155.2 124.9 187.3

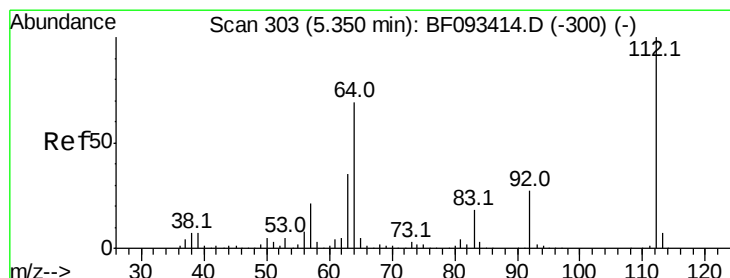
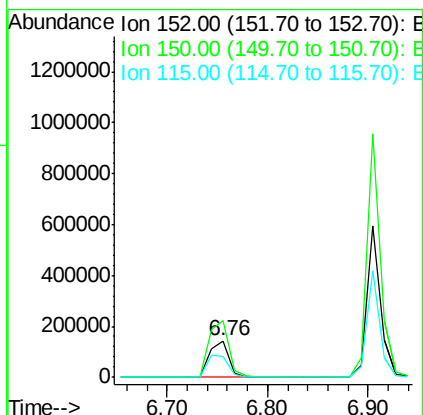
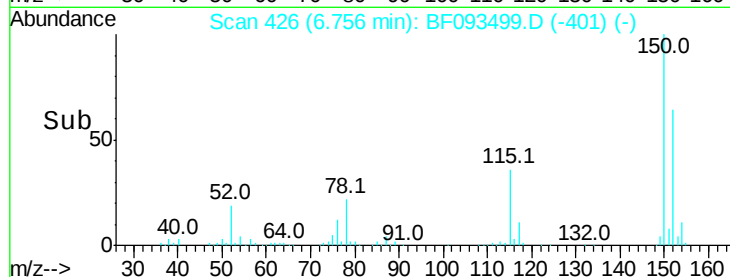
115 55.4 46.0 69.0



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: 117.33 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093499.D

Acq: 10 Mar 2017 2:14

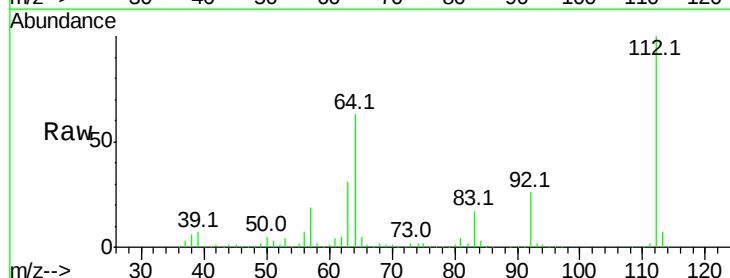
Tgt Ion:112 Resp: 1365358

Ion Ratio Lower Upper

112 100

64 62.5 46.1 69.1

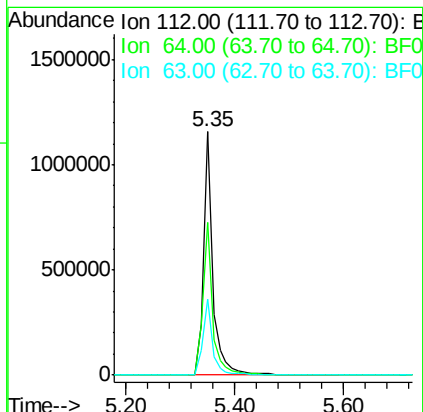
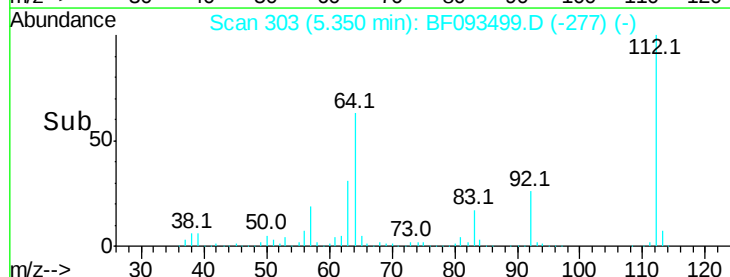
63 31.4 23.8 35.6

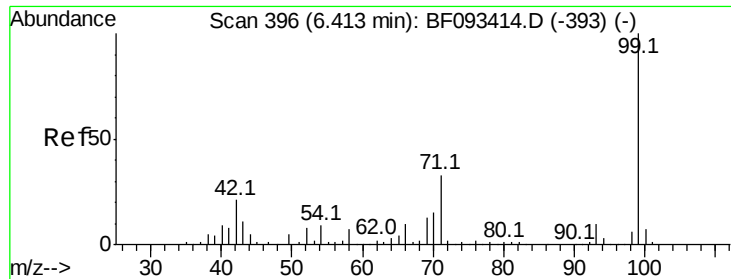


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.69 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093499.D

Acq: 10 Mar 2017 2:14

Instrument :

BNA_F

ClientSampleId :

EME-BLEND008-01

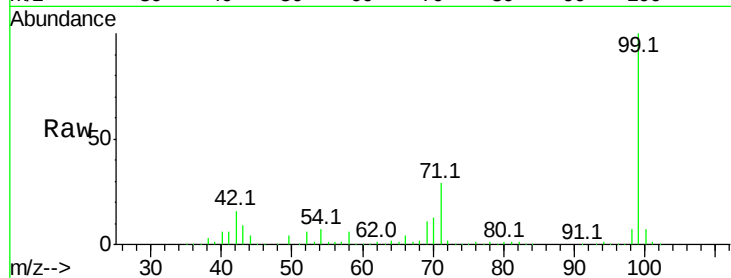
Tot Ion: 99 Resp: 1859136

Ion Ratio Lower Upper

99 100

42 16.2 15.6 23.4

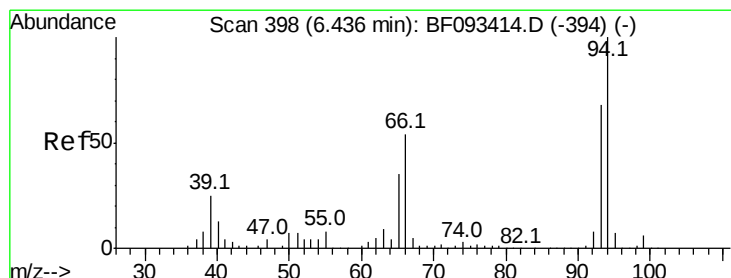
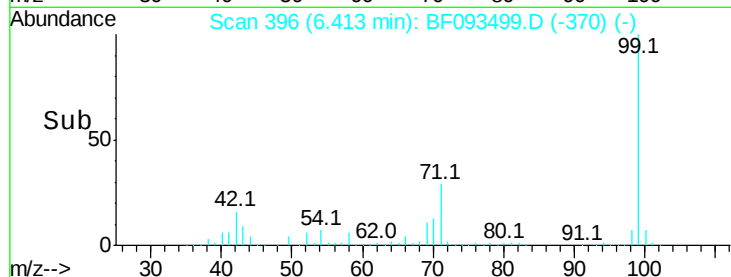
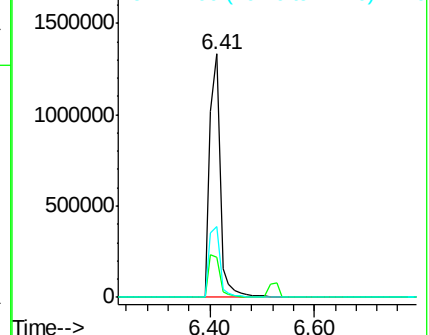
71 29.3 27.5 41.3



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: 2.05 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093499.D

Acq: 10 Mar 2017 2:14

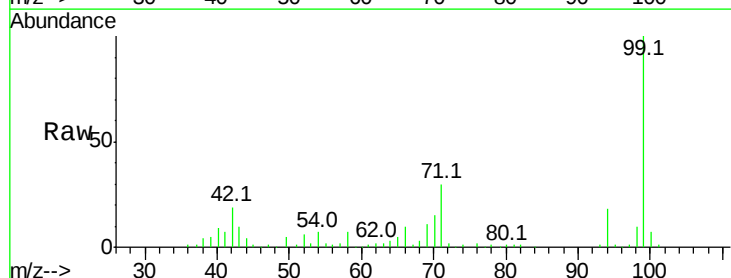
Tgt Ion: 94 Resp: 36797

Ion Ratio Lower Upper

94 100

65 30.6 21.4 61.4

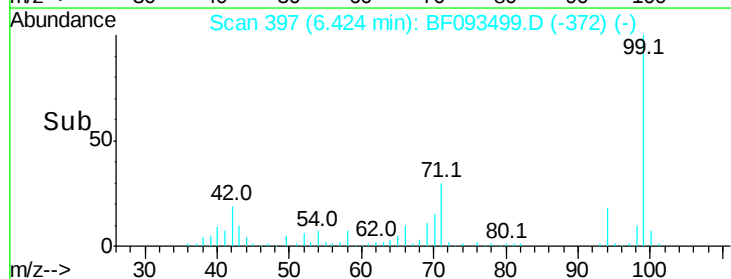
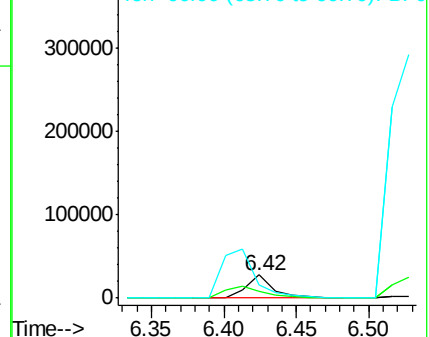
66 56.0 44.0 84.0

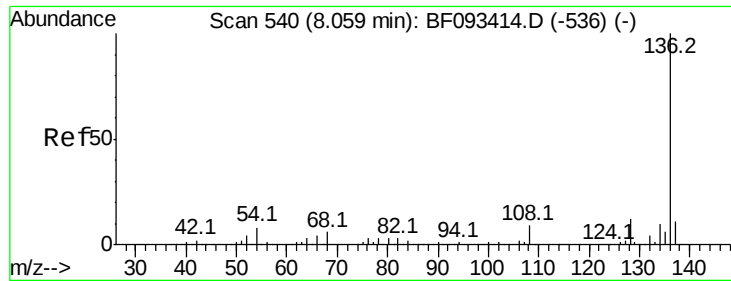


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.04 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF093499.D

Acq: 10 Mar 2017 2:14

Instrument :

BNA_F

ClientSampleId :

EME-BLEND008-01

Tot Ion:136 Resp: 799574

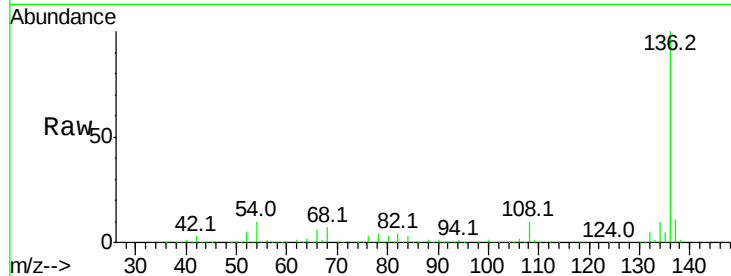
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 10.3 4.5 6.7#

68 7.4 3.6 5.4#

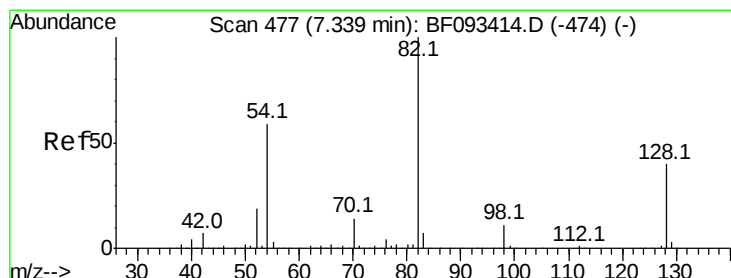
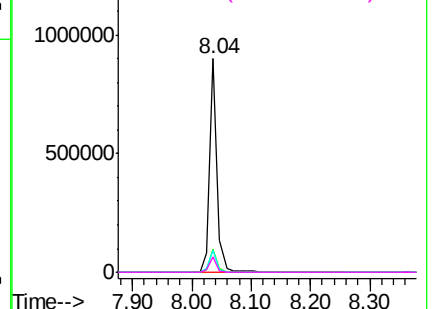
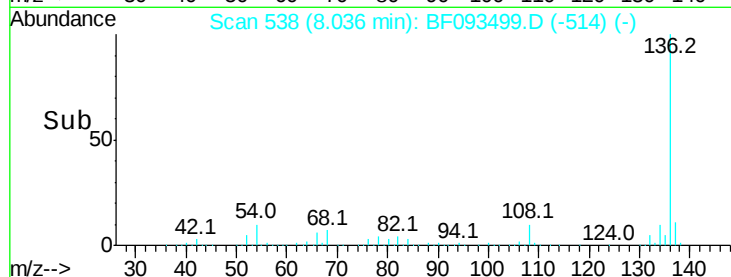


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.01 ng

RT: 7.33 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF093499.D

Acq: 10 Mar 2017 2:14

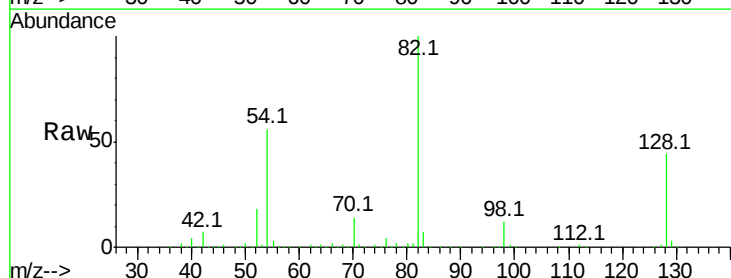
Tgt Ion: 82 Resp: 1181879

Ion Ratio Lower Upper

82 100

128 44.3 34.6 52.0

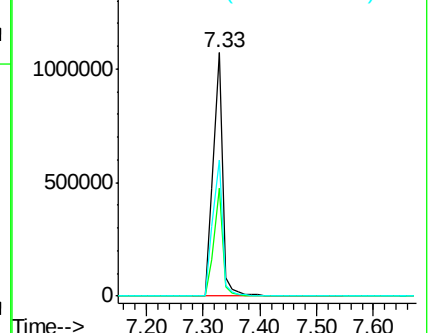
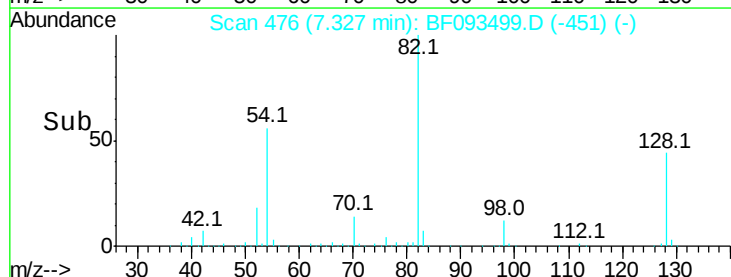
54 56.1 39.5 59.3

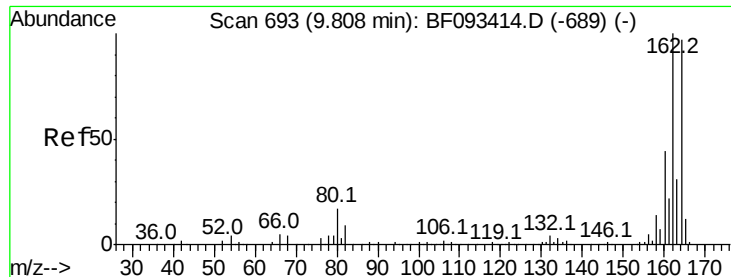


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

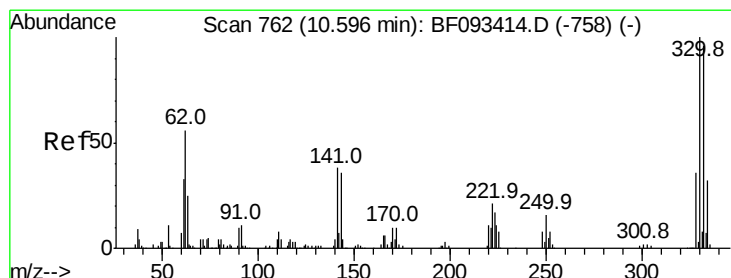
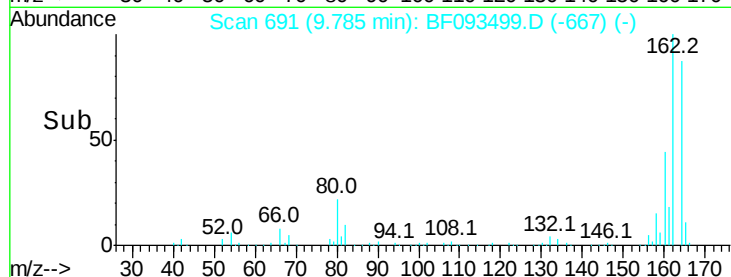
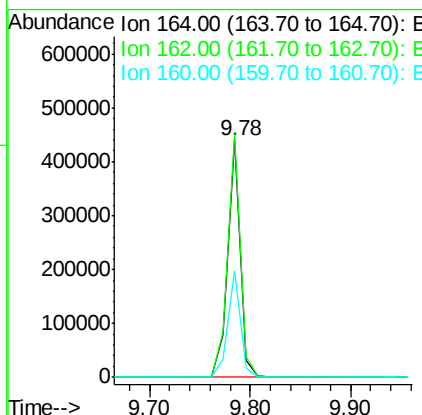
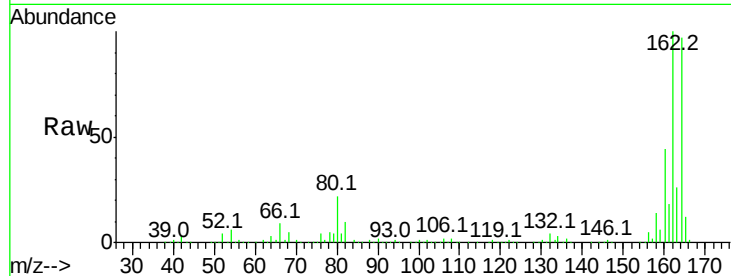




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF093499.D
 Acq: 10 Mar 2017 2:14

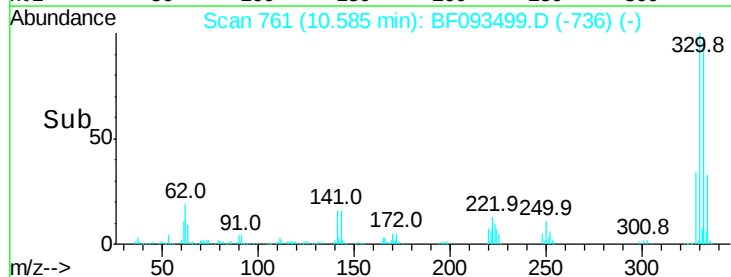
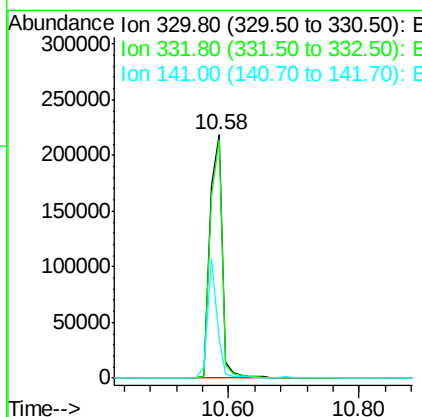
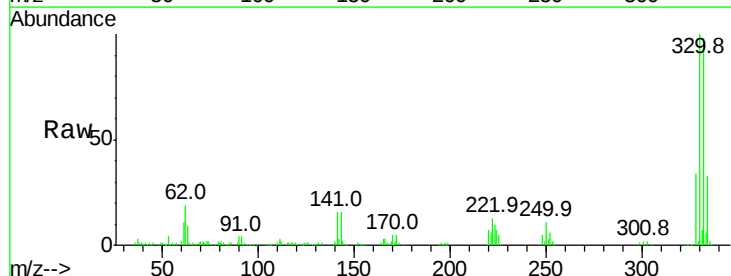
Instrument :
 BNA_F
 ClientSampleId :
 EME-BLEND008-01

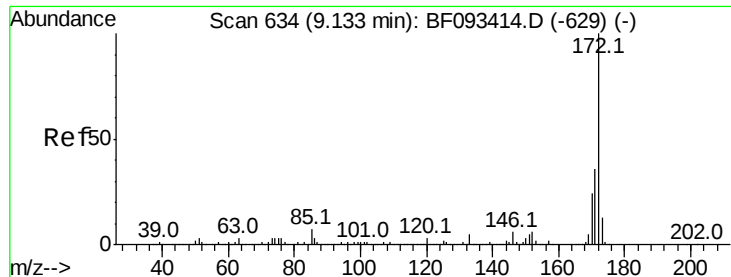
Tot Ion:164 Resp: 381803
 Ion Ratio Lower Upper
 164 100
 162 102.9 80.2 120.2
 160 44.8 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 116.54 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093499.D
 Acq: 10 Mar 2017 2:14

Tgt Ion:330 Resp: 289904
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 38.0 34.1 51.1





#44

2-Fluorobiphenyl

Concen: 75.24 ng

RT: 9.11 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF093499.D

Acq: 10 Mar 2017 2:14

Instrument :

BNA_F

ClientSampleId :

EME-BLEND008-01

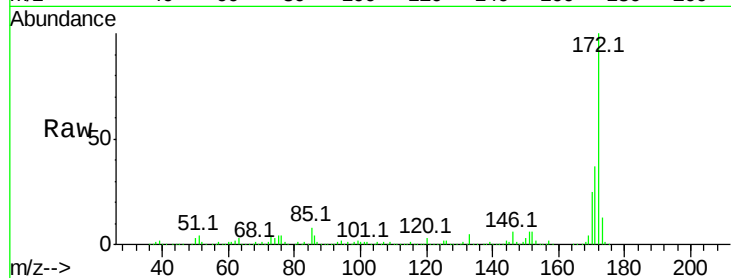
Tot Ion:172 Resp: 1544430

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.0

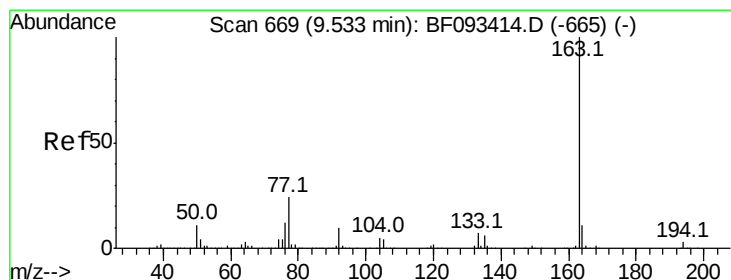
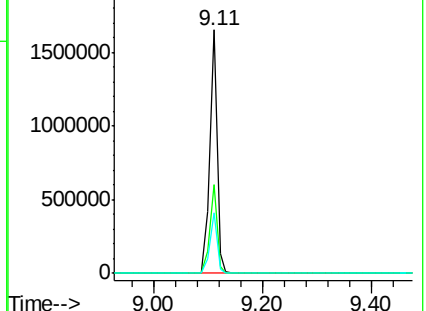
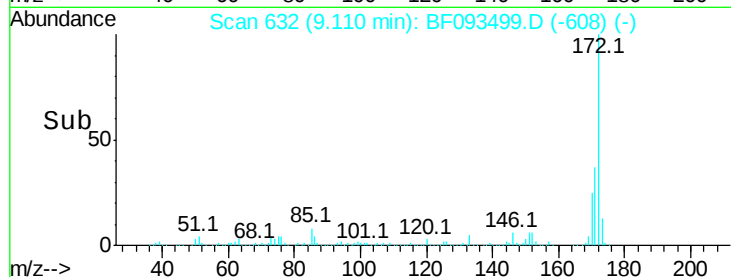
170 24.7 20.2 30.4



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: 16.35 ng

RT: 9.51 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF093499.D

Acq: 10 Mar 2017 2:14

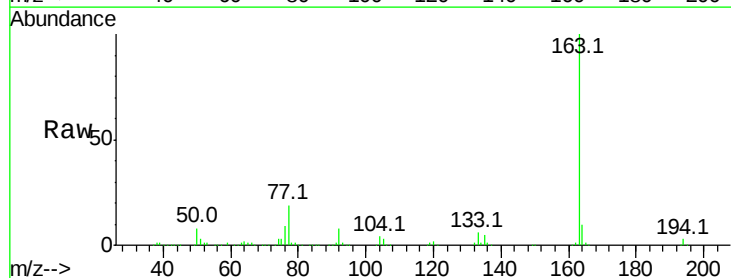
Tgt Ion:163 Resp: 413753

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

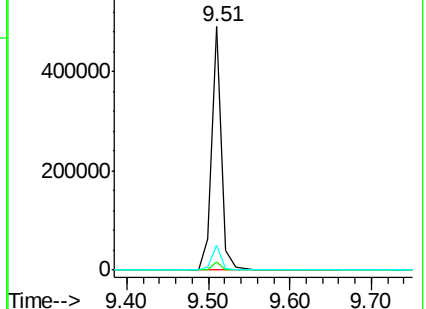
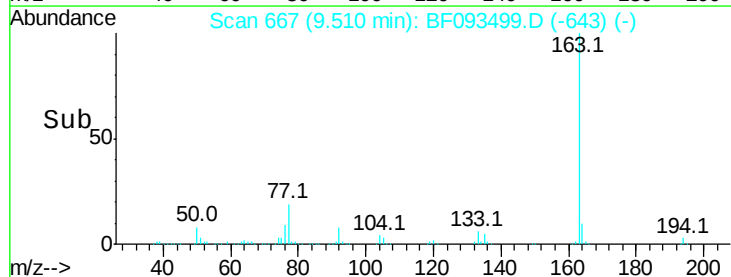
164 10.1 8.0 12.0

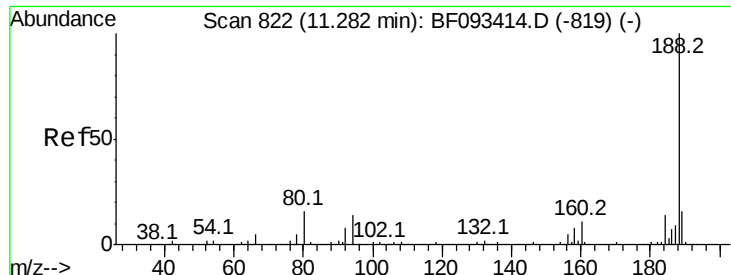


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

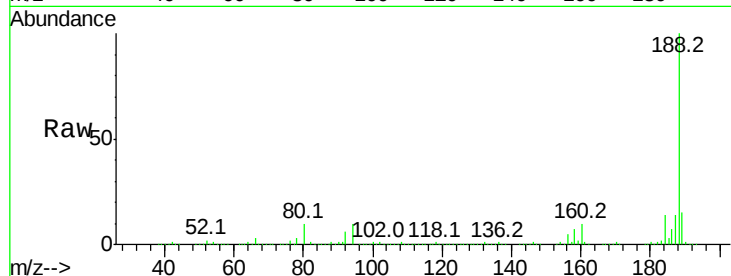




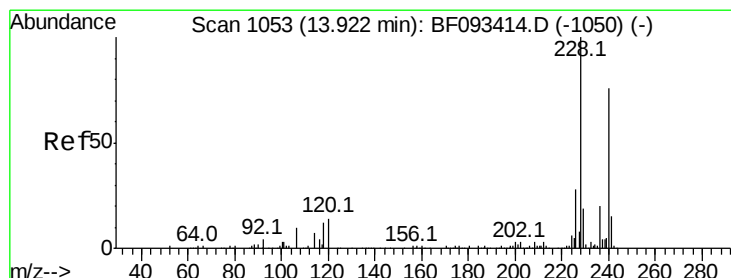
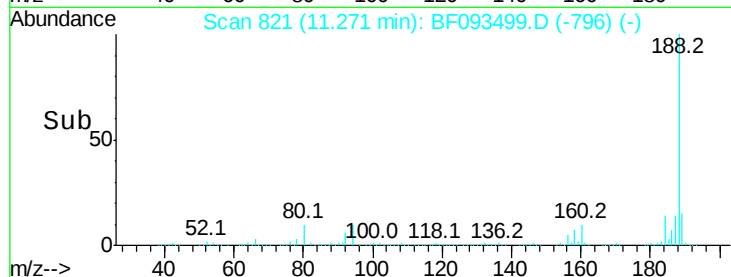
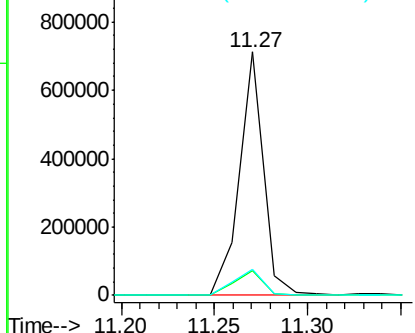
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF093499.D
Acq: 10 Mar 2017 2:14

Instrument :
BNA_F
ClientSampleId :
EME-BLEND008-01

Tot Ion:188 Resp: 643843
Ion Ratio Lower Upper
188 100
94 10.1 10.0 15.0
80 10.5 11.2 16.8#

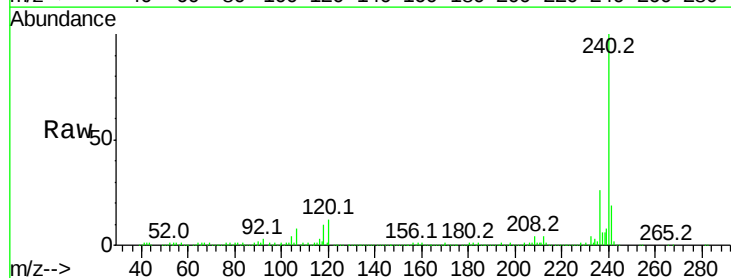


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

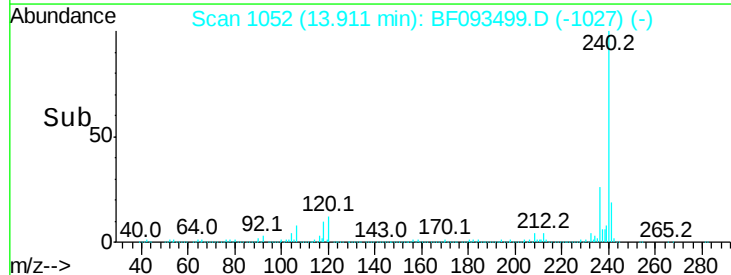
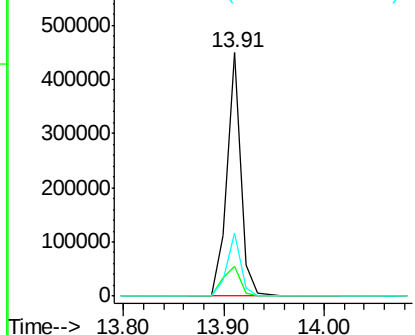


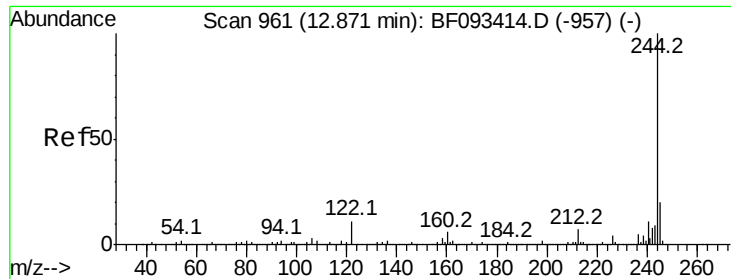
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF093499.D
Acq: 10 Mar 2017 2:14

Tgt Ion:240 Resp: 434187
Ion Ratio Lower Upper
240 100
120 12.1 12.9 19.3#
236 25.7 20.9 31.3



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: 64.57 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093499.D

Acq: 10 Mar 2017 2:14

Instrument :

BNA_F

ClientSampleId :

EME-BLEND008-01

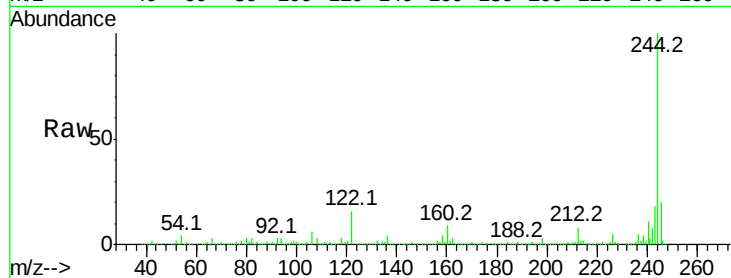
Tot Ion:244 Resp: 1078283

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

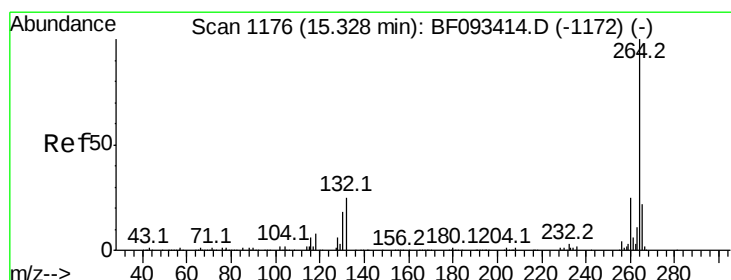
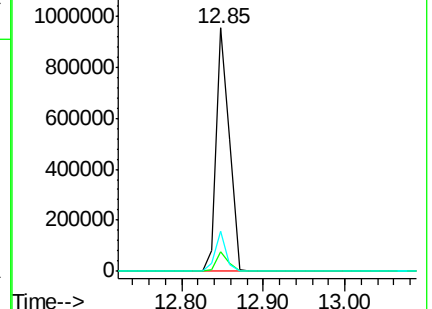
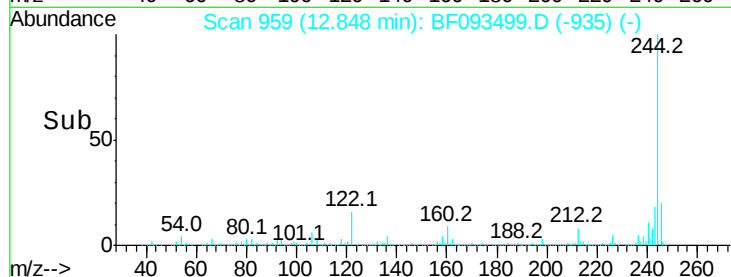
122 16.2 11.4 17.2



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: 15.32 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF093499.D

Acq: 10 Mar 2017 2:14

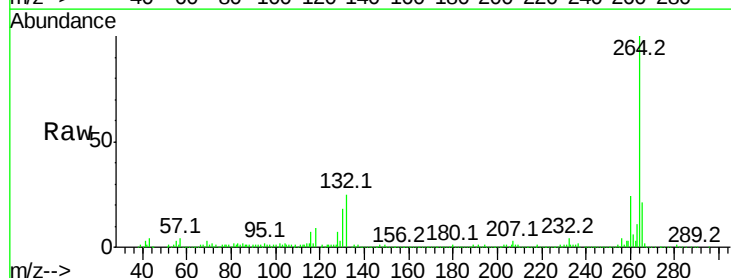
Tgt Ion:264 Resp: 384578

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.1 17.4 26.0



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

