

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070717\
 Data File : BE093441.D
 Acq On : 7 Jul 2017 13:53
 Operator : SJ/JU
 Sample : I4009-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW56BR-20170629

Quant Time: Jul 08 05:24:48 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	4060	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	20874	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	13628	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	29809	0.40	ng	0.00
27) Chrysene-d12	21.43	240	36782	0.40	ng	0.00
34) Perylene-d12	23.93	264	31549	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1427	0.12	ng	0.00
5) Phenol-d6	7.10	99	1296	0.07	ng	0.00
8) Nitrobenzene-d5	9.08	82	4735	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	10747	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1146	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	19842	0.38	ng	0.00
25) Fluoranthene-d10	19.29	212	136184	0.38	ng	0.00
29) Terphenyl-d14	19.87	244	28255	0.43	ng	0.00

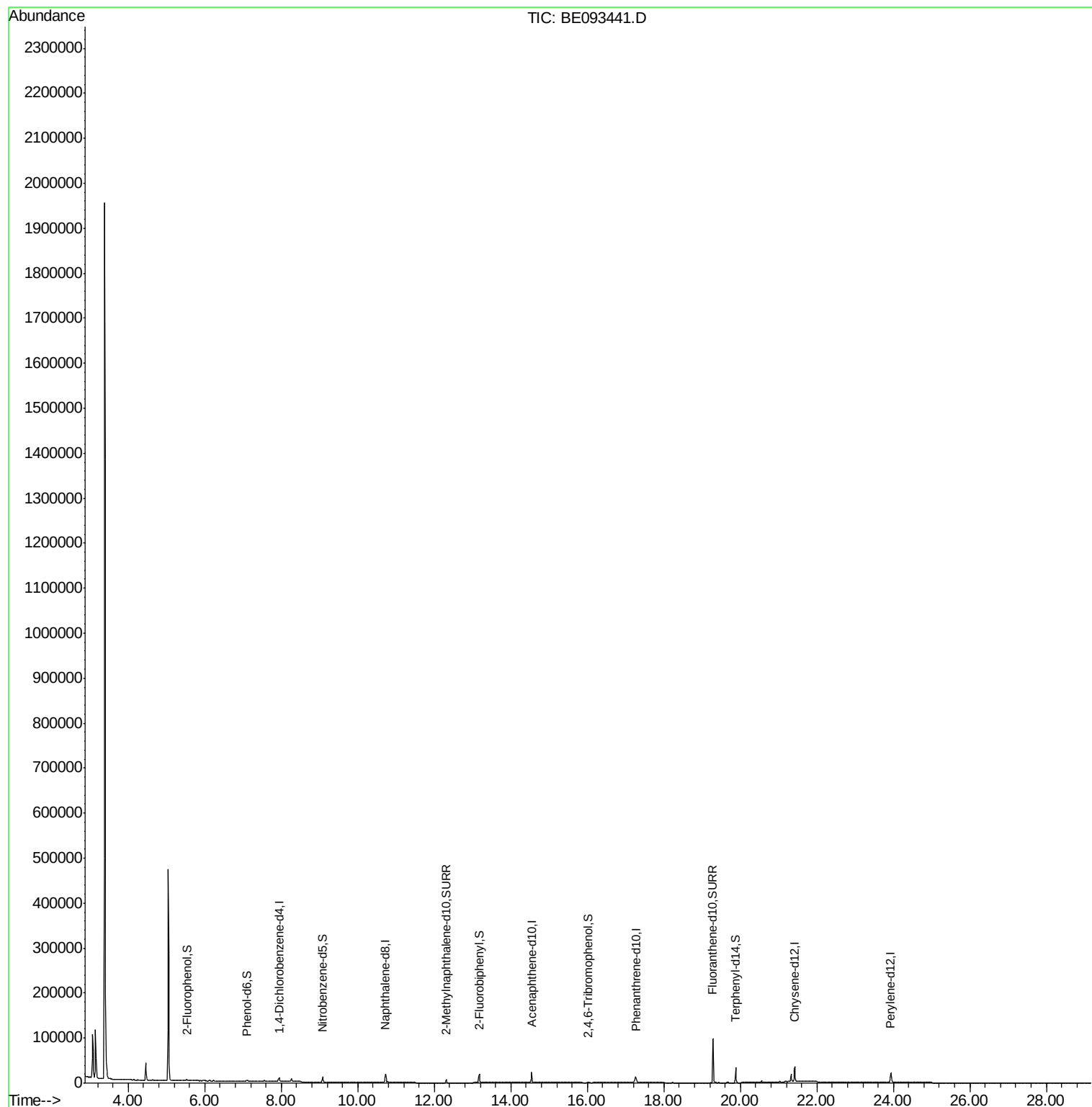
Target Compounds	Qvalue
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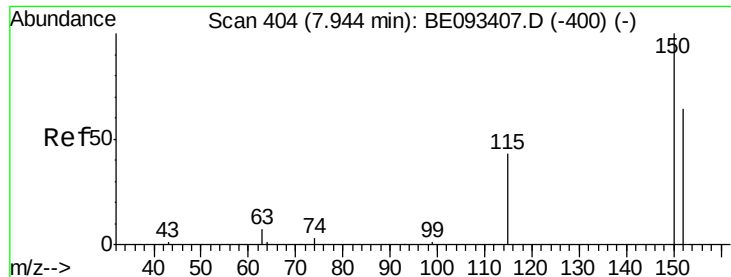
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.94 min Scan# 404

Delta R.T. -0.00 min

Lab File: BE093441.D

Acq: 7 Jul 2017 13:53

Instrument :

BNA_E

ClientSampleId :

MW56BR-20170629

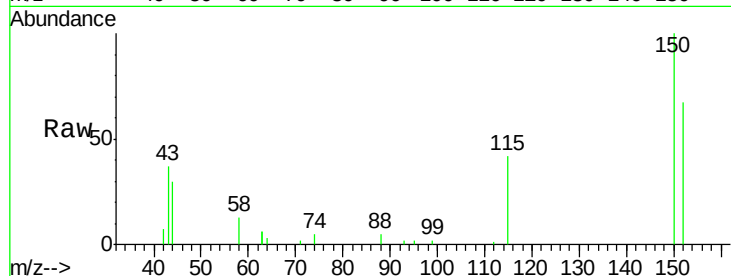
Tgt Ion:152 Resp: 4060

Ion Ratio Lower Upper

152 100

150 149.6 125.1 187.7

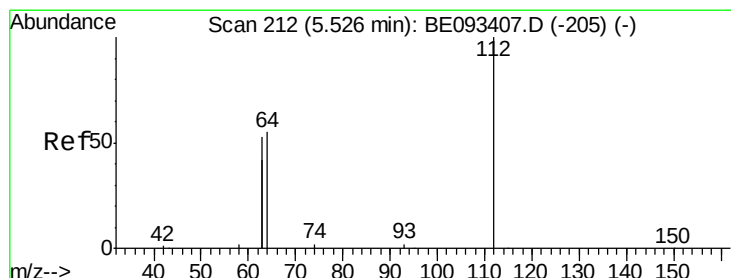
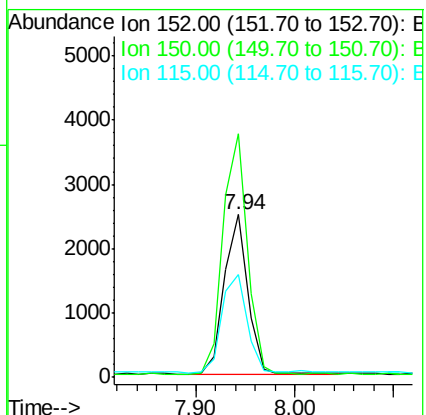
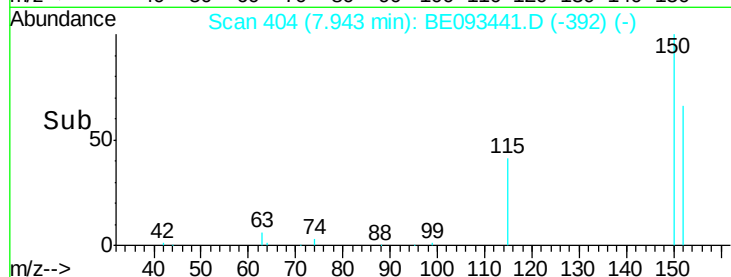
115 63.4 55.7 83.5



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



#4

2-Fluorophenol

Concen: 0.116 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093441.D

Acq: 7 Jul 2017 13:53

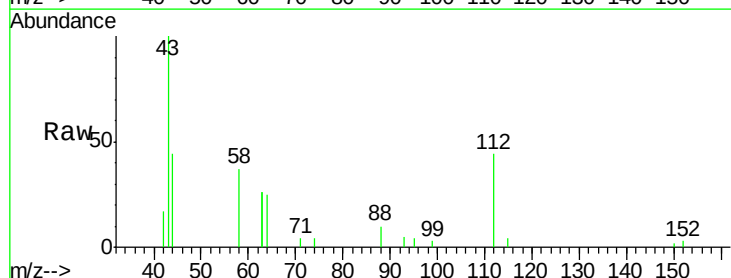
Tgt Ion:112 Resp: 1427

Ion Ratio Lower Upper

112 100

64 68.1 56.4 84.6

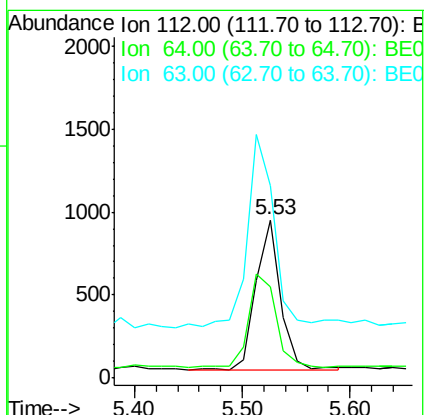
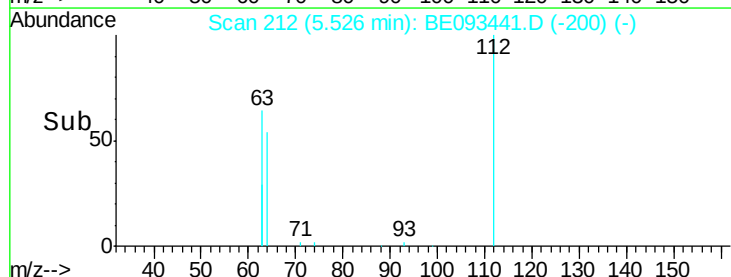
63 140.1 29.3 43.9#

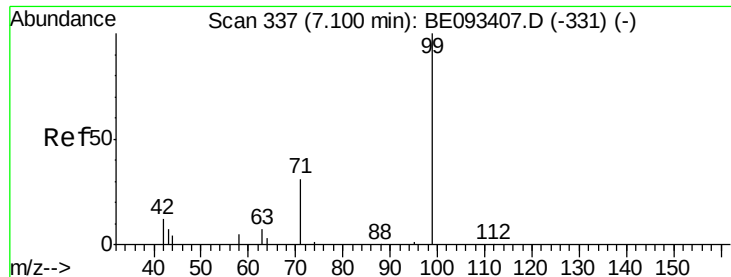


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.072 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093441.D

Acq: 7 Jul 2017 13:53

Instrument :

BNA_E

ClientSampleId :

MW56BR-20170629

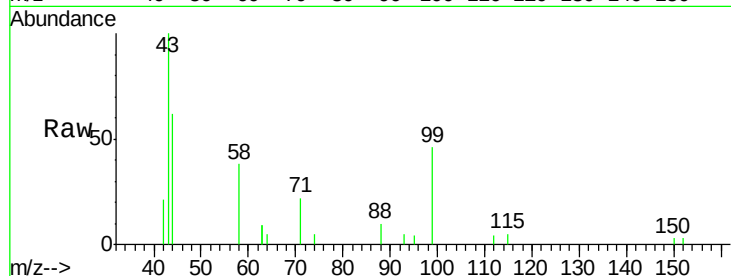
Tgt Ion: 99 Resp: 1296

Ion Ratio Lower Upper

99 100

42 28.2 0.0 0.0#

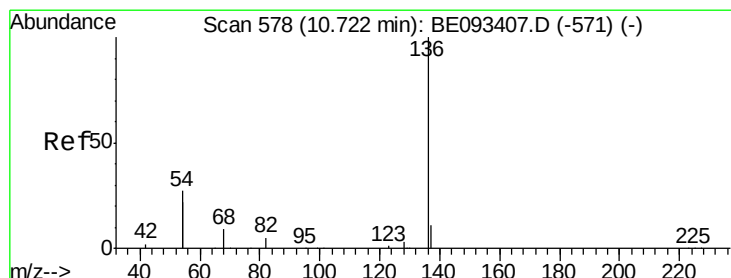
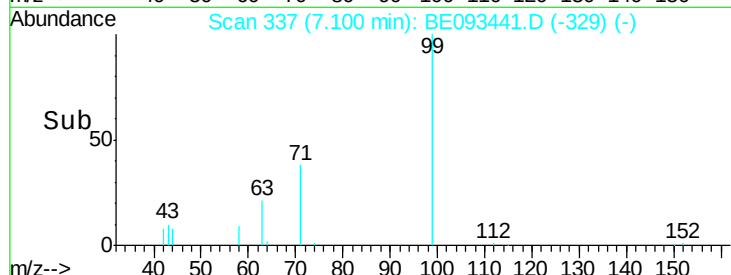
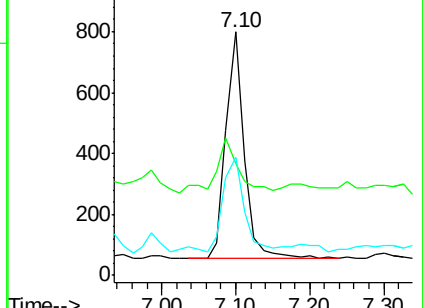
71 45.4 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093441.D

Acq: 7 Jul 2017 13:53

Tgt Ion: 136 Resp: 20874

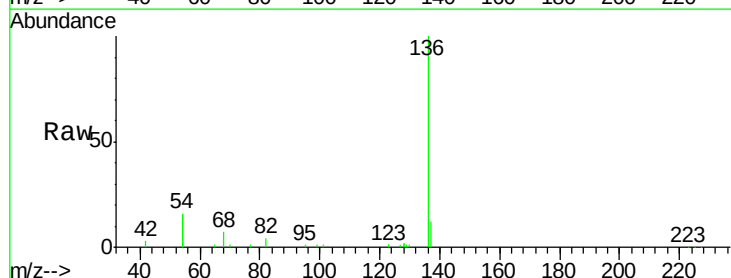
Ion Ratio Lower Upper

136 100

137 11.7 9.8 14.8

54 32.9 10.3 15.5#

68 7.3 9.0 13.4#

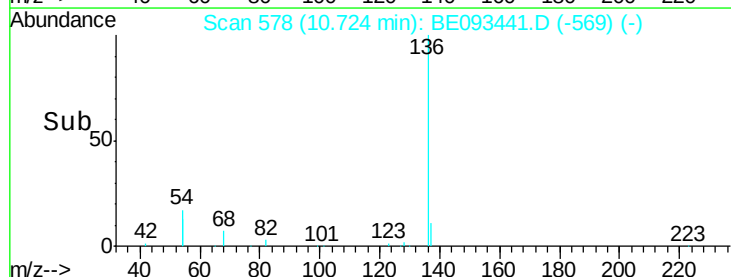
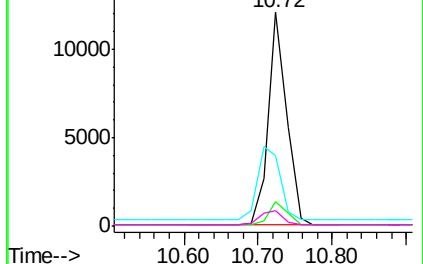


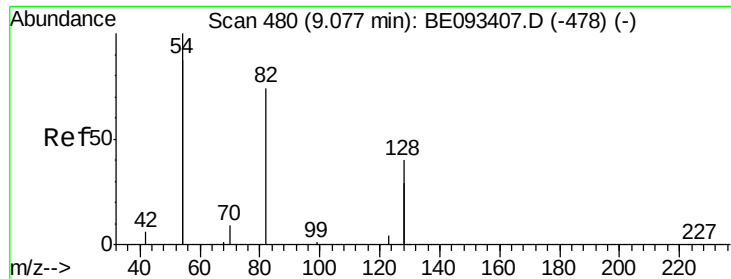
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.355 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093441.D

Acq: 7 Jul 2017 13:53

Instrument :

BNA_E

ClientSampleId :

MW56BR-20170629

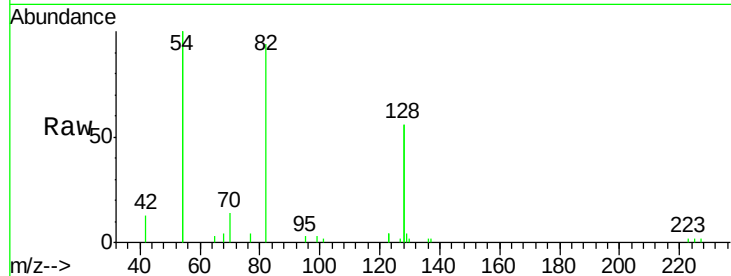
Tgt Ion: 82 Resp: 4735

Ion Ratio Lower Upper

82 100

128 118.9 17.0 25.4#

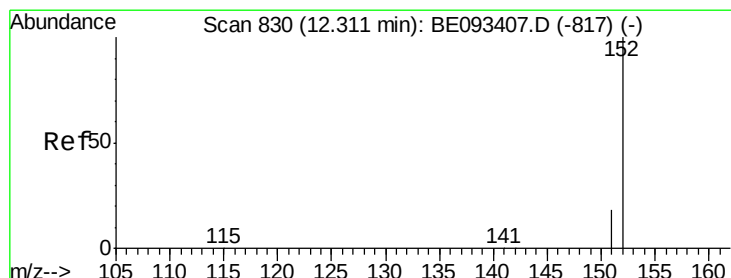
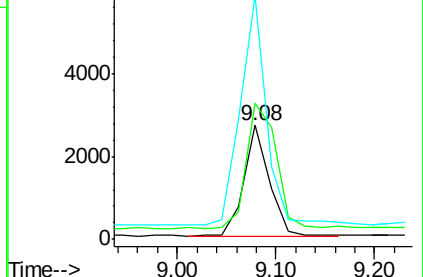
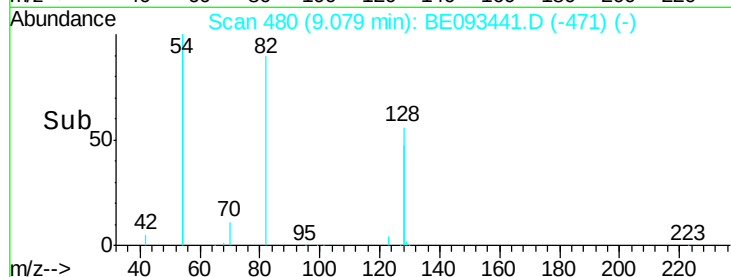
54 213.6 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093407.D (-478) (-)

Ion 128.00 (127.70 to 128.70): BE093407.D (-478) (-)

Ion 54.00 (53.70 to 54.70): BE093407.D (-478) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.323 ng

RT: 12.31 min Scan# 829

Delta R.T. -0.00 min

Lab File: BE093441.D

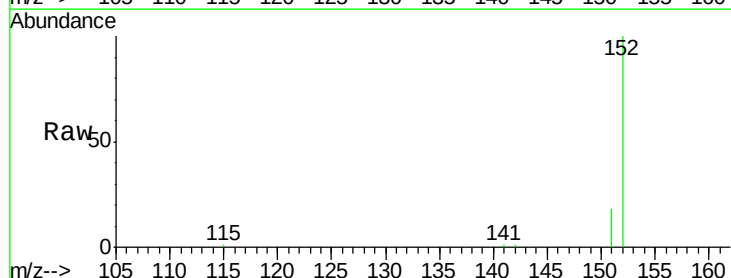
Acq: 7 Jul 2017 13:53

Tgt Ion: 152 Resp: 10747

Ion Ratio Lower Upper

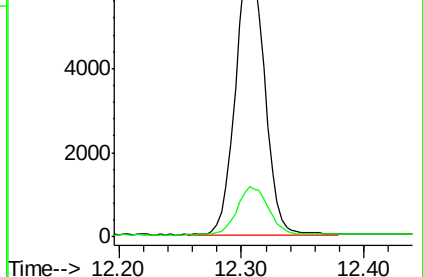
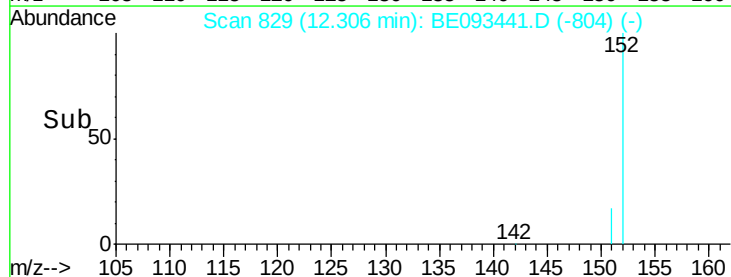
152 100

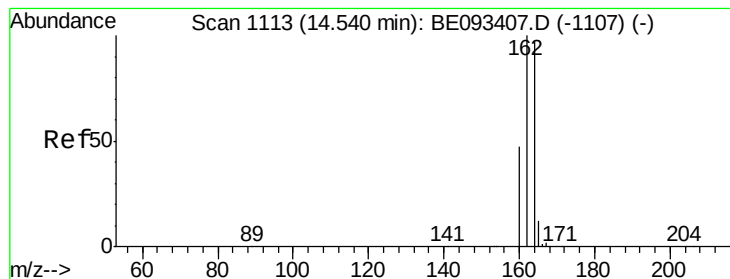
151 18.9 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE093407.D (-817) (-)

Ion 151.00 (150.70 to 151.70): BE093407.D (-817) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE093441.D

Acq: 7 Jul 2017 13:53

Instrument :

BNA_E

ClientSampleId :

MW56BR-20170629

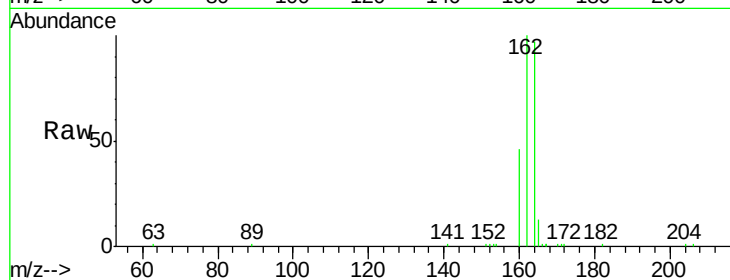
Tgt Ion:164 Resp: 13628

Ion Ratio Lower Upper

164 100

162 103.1 84.6 127.0

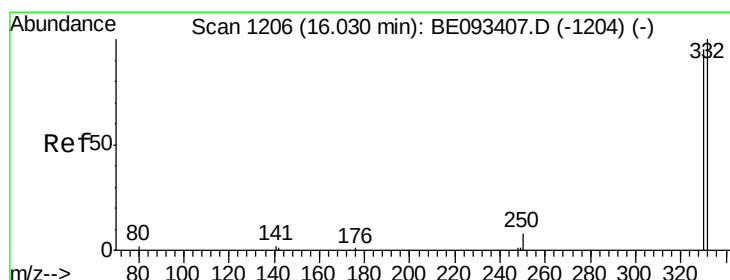
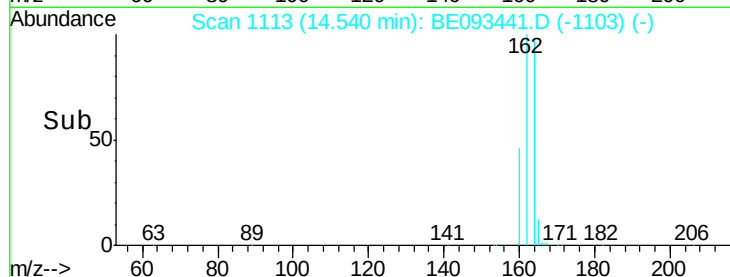
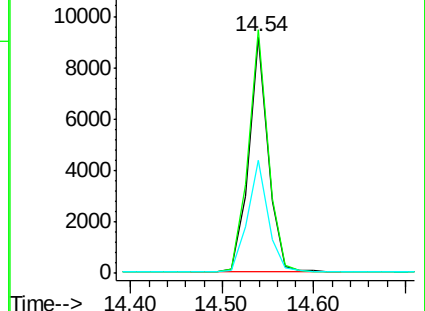
160 47.6 41.8 62.6



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



#14

2,4,6-Tribromophenol

Concen: 0.268 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093441.D

Acq: 7 Jul 2017 13:53

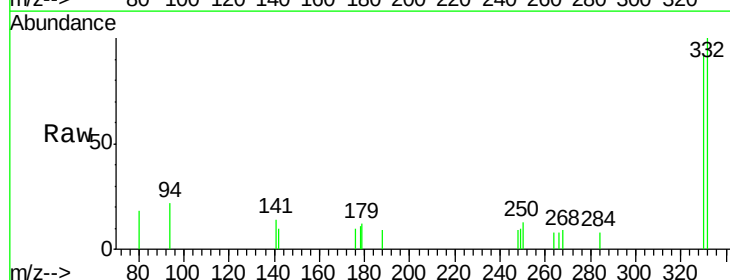
Tgt Ion:330 Resp: 1146

Ion Ratio Lower Upper

330 100

332 107.7 77.7 116.5

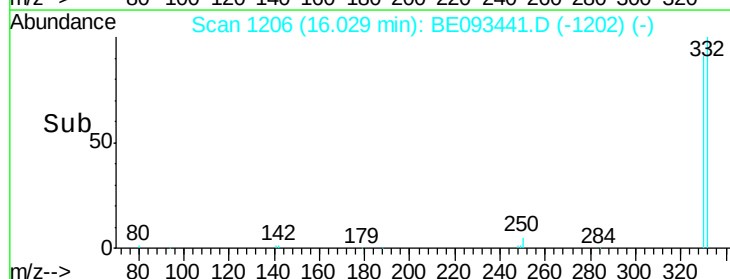
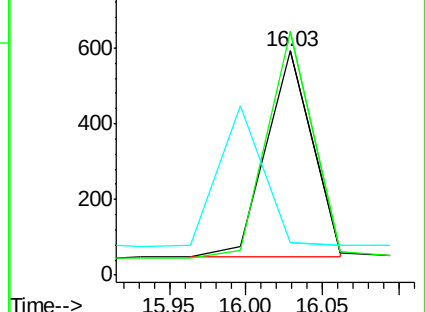
141 0.0 56.2 84.4#

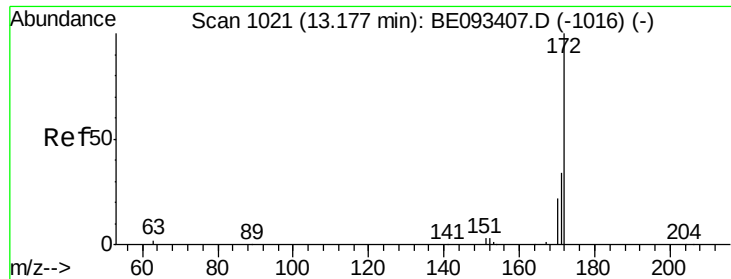


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

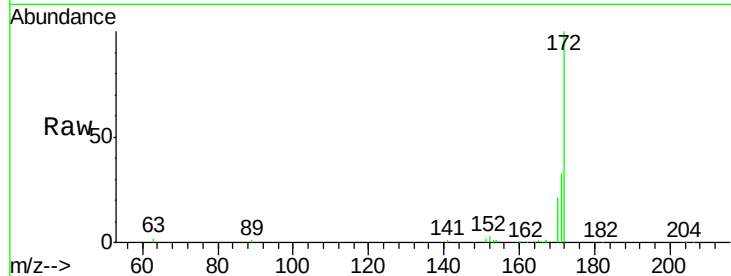




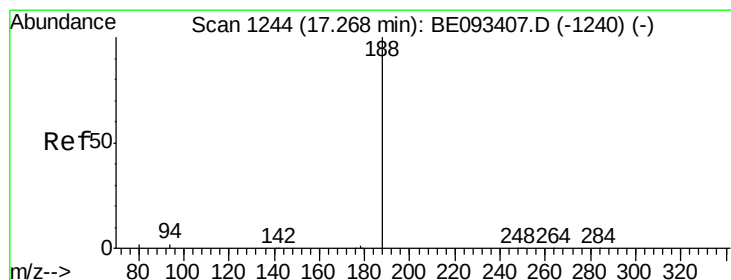
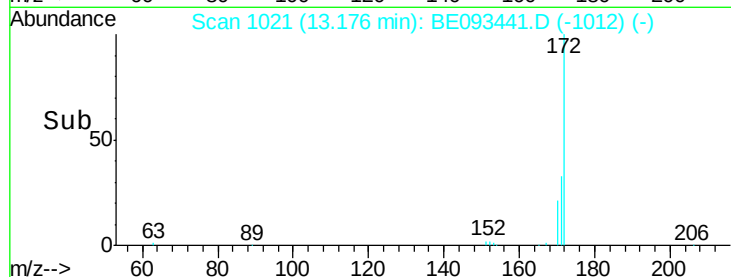
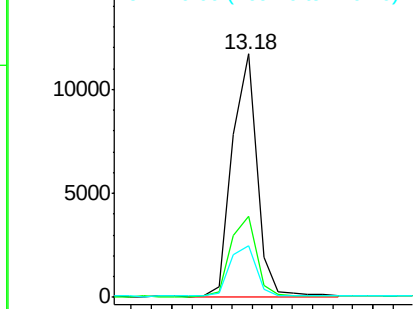
#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093441.D
Acq: 7 Jul 2017 13:53

Instrument :
BNA_E
ClientSampleId :
MW56BR-20170629

Tgt Ion:172 Resp: 19842
Ion Ratio Lower Upper
172 100
171 33.3 29.8 44.6
170 21.2 20.7 31.1

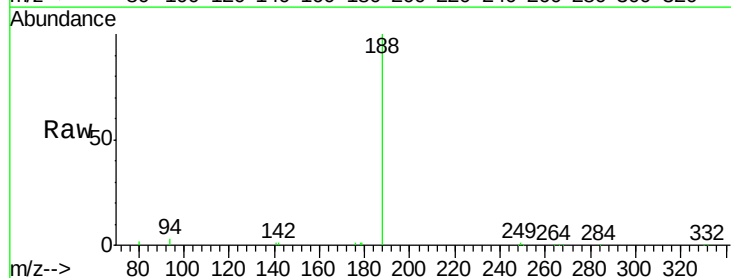


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

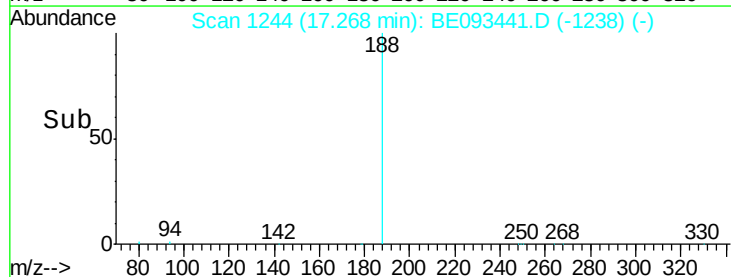
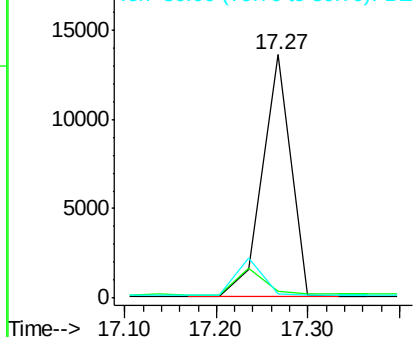


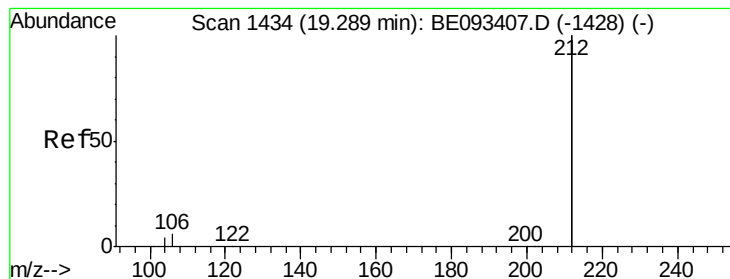
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093441.D
Acq: 7 Jul 2017 13:53

Tgt Ion:188 Resp: 29809
Ion Ratio Lower Upper
188 100
94 2.7 11.3 16.9#
80 2.0 11.7 17.5#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.379 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE093441.D

Acq: 7 Jul 2017 13:53

Instrument :

BNA_E

ClientSampleId :

MW56BR-20170629

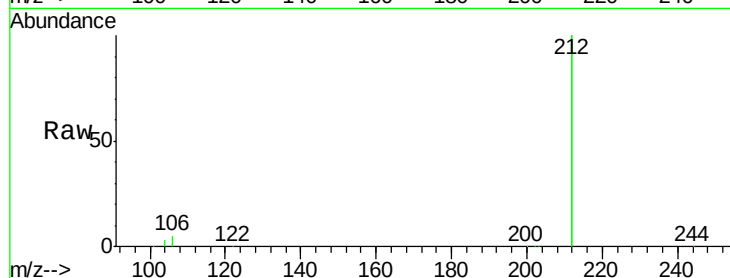
Tgt Ion:212 Resp: 136184

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

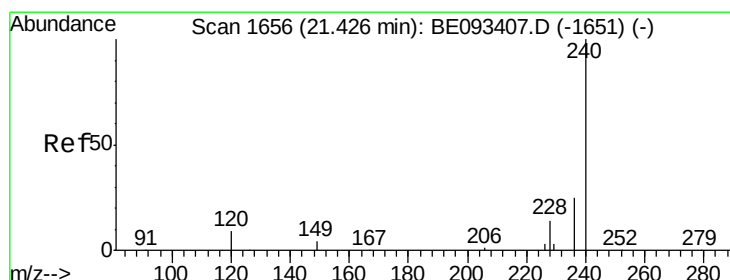
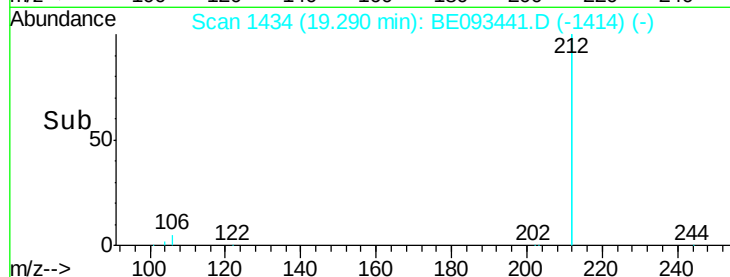
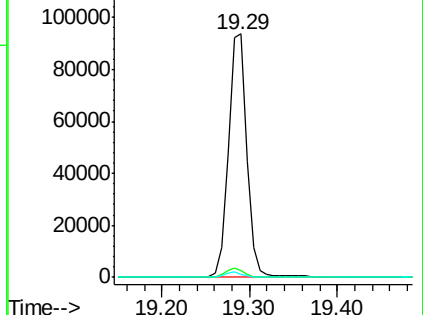
104 1.9 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE093441.D

Acq: 7 Jul 2017 13:53

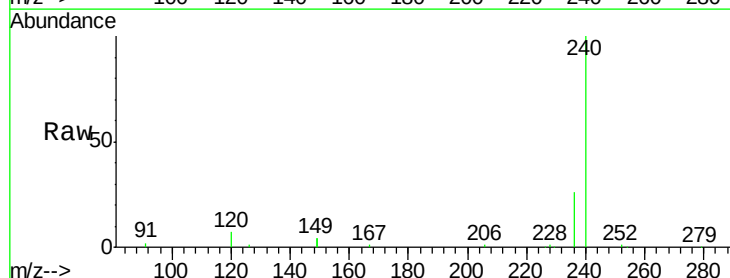
Tgt Ion:240 Resp: 36782

Ion Ratio Lower Upper

240 100

120 6.7 4.6 7.0

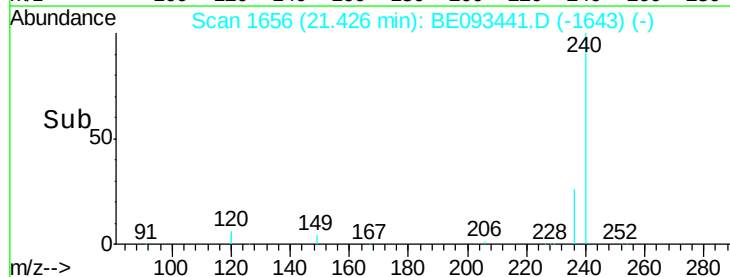
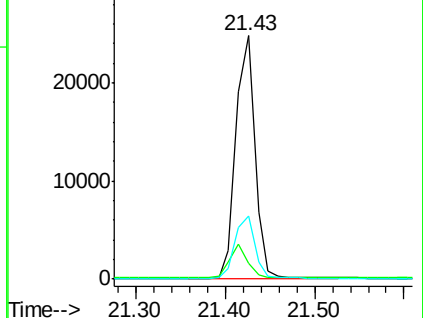
236 25.8 20.8 31.2

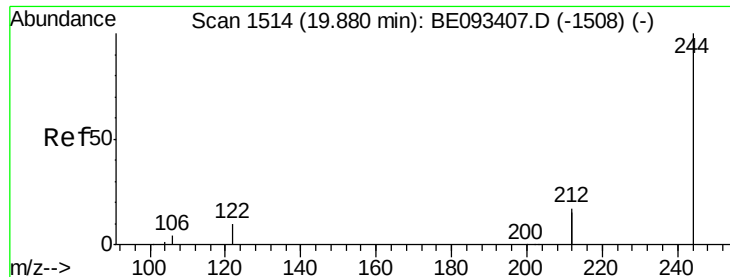


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.430 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093441.D

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MW56BR-20170629

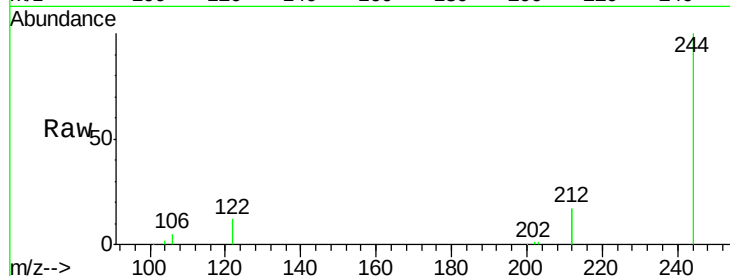
Tgt Ion:244 Resp: 28255

Ion Ratio Lower Upper

244 100

212 33.0 10.6 16.0#

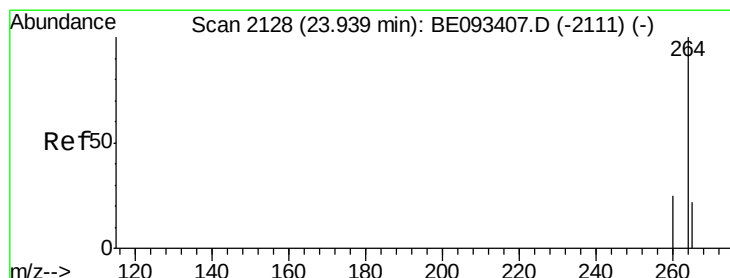
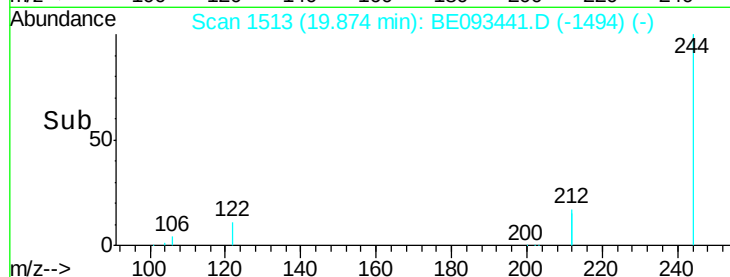
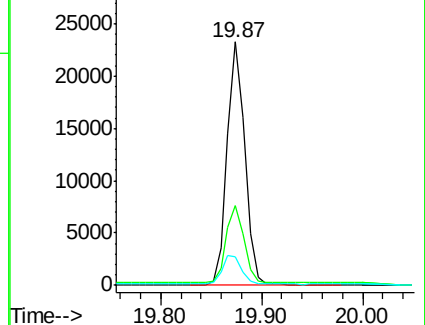
122 11.7 15.4 23.0#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BE093441.D

Acq: 7 Jul 2017 13:53

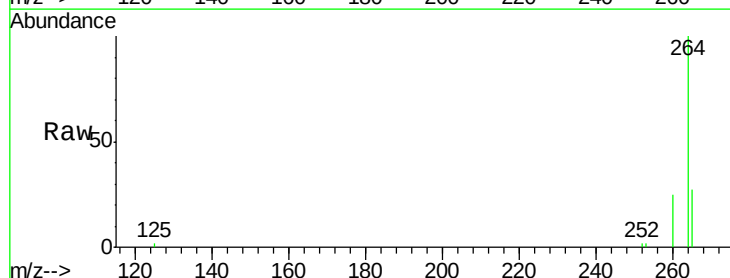
Tgt Ion:264 Resp: 31549

Ion Ratio Lower Upper

264 100

260 24.8 21.0 31.4

265 27.2 24.6 36.8



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

