

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070717\
 Data File : BE093444.D
 Acq On : 7 Jul 2017 15:43
 Operator : SJ/JU
 Sample : I4009-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-15BR-20170630

Quant Time: Jul 08 05:30:26 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	3839	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	19672	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	13118	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	32117	0.40	ng	0.00
27) Chrysene-d12	21.43	240	36074	0.40	ng	0.00
34) Perylene-d12	23.93	264	31169	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	1953	0.17	ng	0.00
5) Phenol-d6	7.10	99	1903	0.11	ng	0.00
8) Nitrobenzene-d5	9.08	82	5192	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	11645	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1347	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	21465	0.42	ng	0.00
25) Fluoranthene-d10	19.29	212	149204	0.39	ng	0.00
29) Terphenyl-d14	19.87	244	29741	0.46	ng	0.00

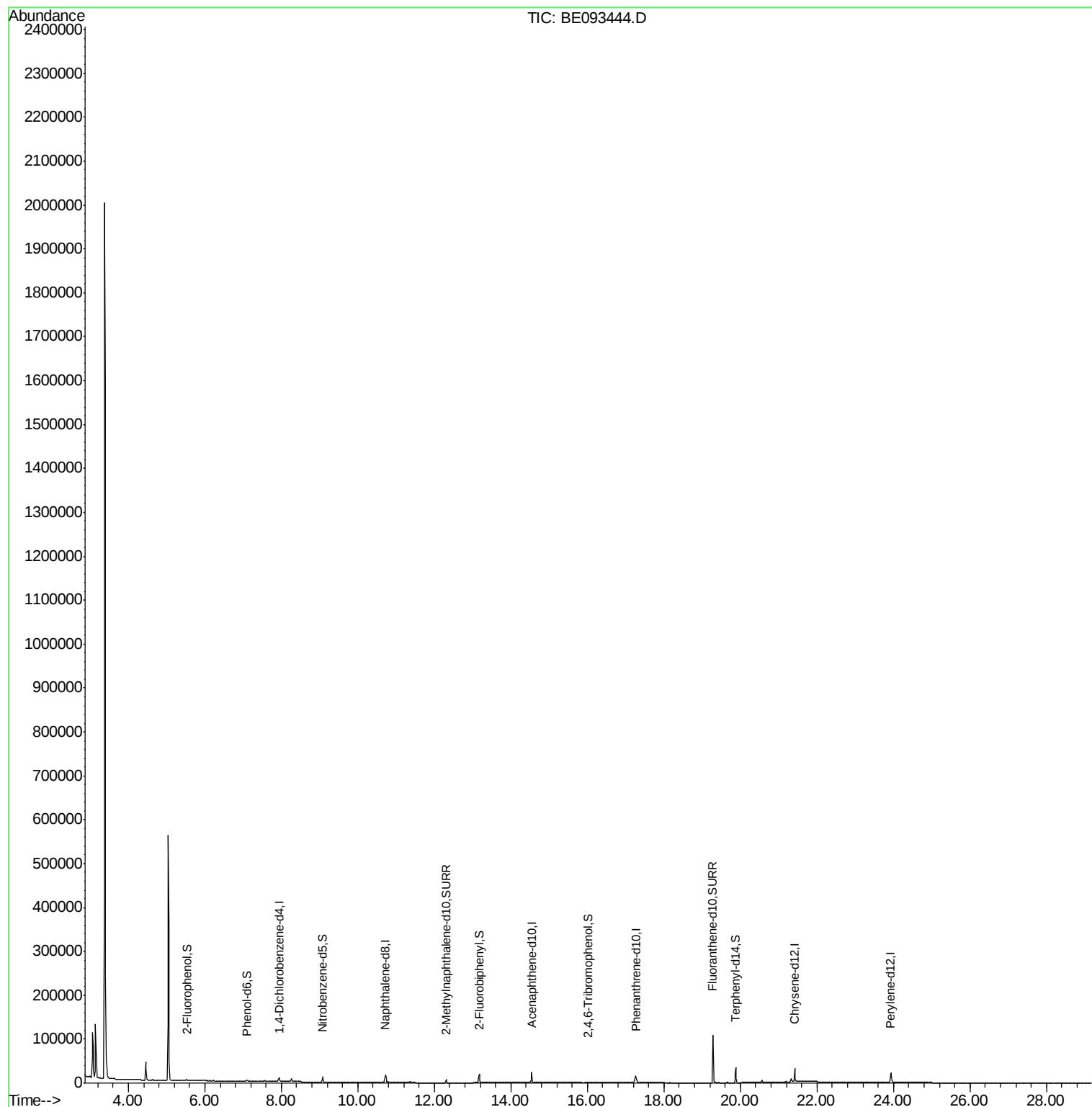
Target Compounds	Qvalue
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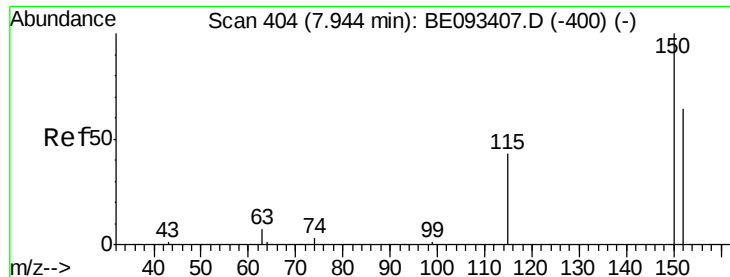
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093444.D

Acq: 7 Jul 2017 15:43

Instrument :

BNA_E

ClientSampleId :

MW-15BR-20170630

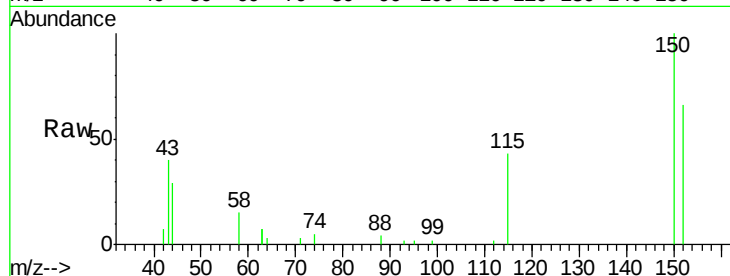
Tgt Ion:152 Resp: 3839

Ion Ratio Lower Upper

152 100

150 152.6 125.1 187.7

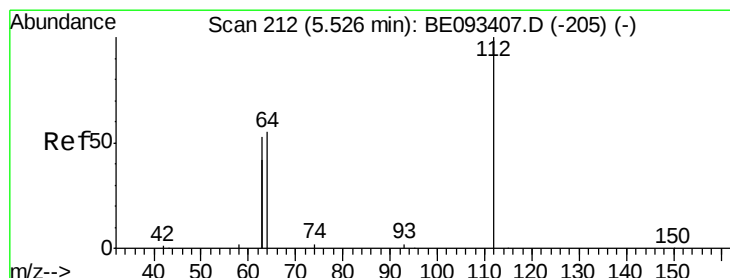
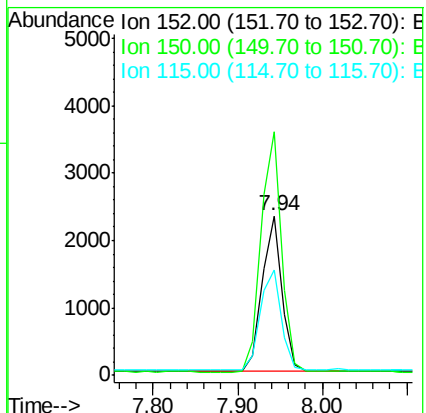
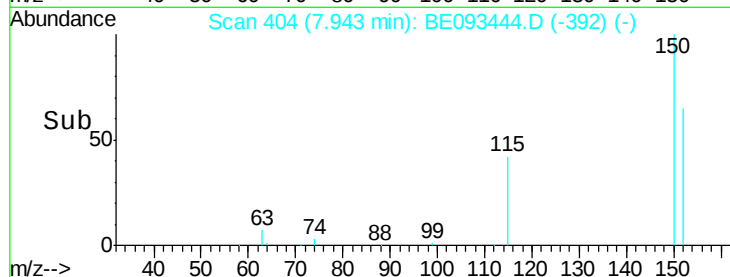
115 66.3 55.7 83.5



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: 0.169 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093444.D

Acq: 7 Jul 2017 15:43

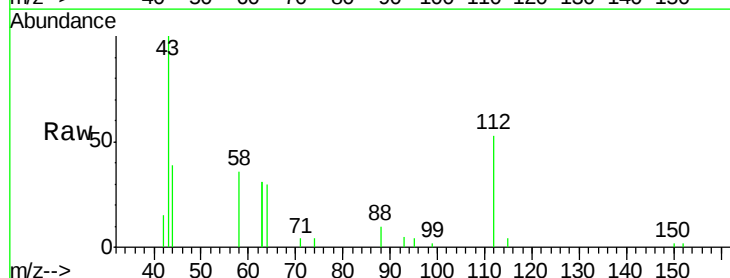
Tgt Ion:112 Resp: 1953

Ion Ratio Lower Upper

112 100

64 72.0 56.4 84.6

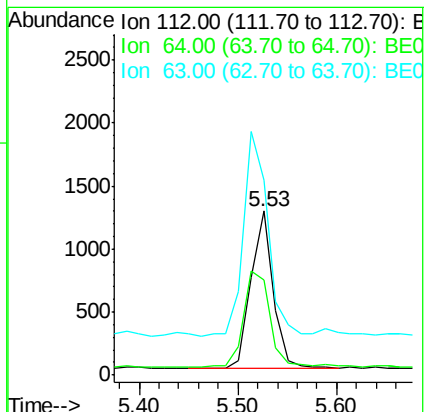
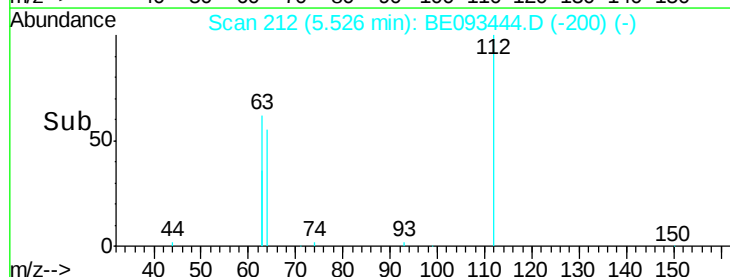
63 143.3 29.3 43.9#

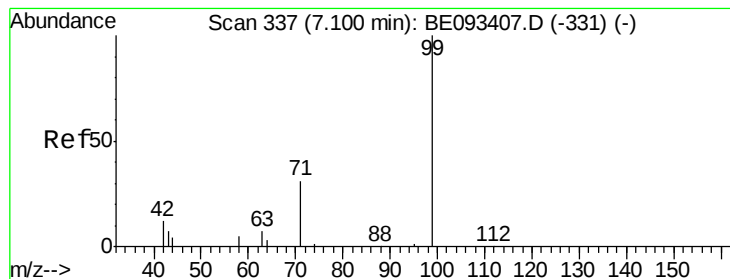


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.111 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093444.D

Acq: 7 Jul 2017 15:43

Instrument :

BNA_E

ClientSampleId :

MW-15BR-20170630

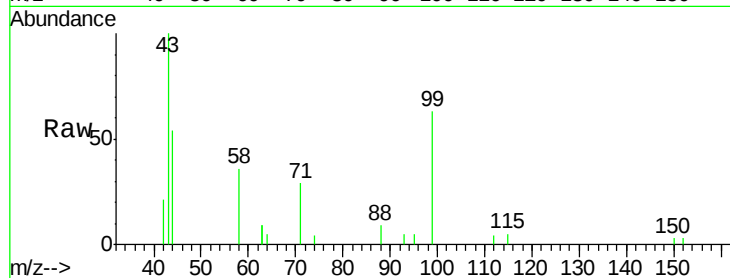
Tgt Ion: 99 Resp: 1903

Ion Ratio Lower Upper

99 100

42 24.8 0.0 0.0#

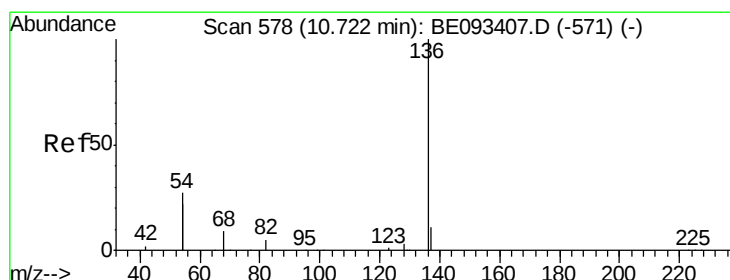
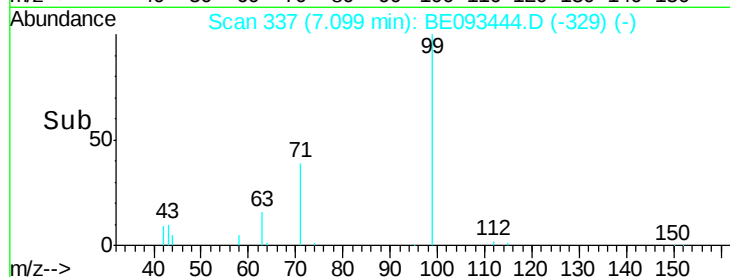
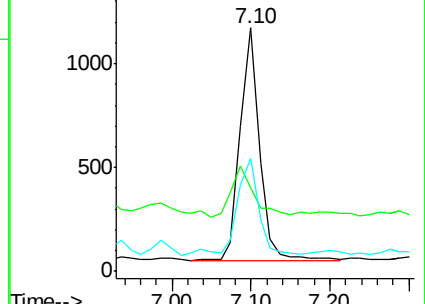
71 43.6 0.0 0.0#



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: BE093444.D

Acq: 7 Jul 2017 15:43

Tgt Ion: 136 Resp: 19672

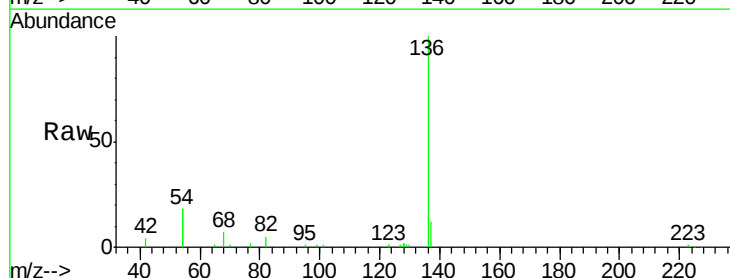
Ion Ratio Lower Upper

136 100

137 11.7 9.8 14.8

54 36.2 10.3 15.5#

68 7.5 9.0 13.4#

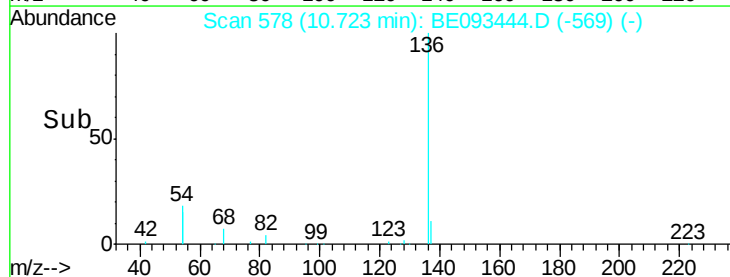
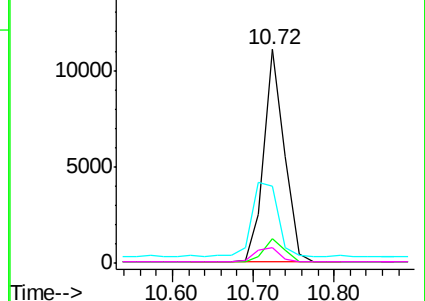


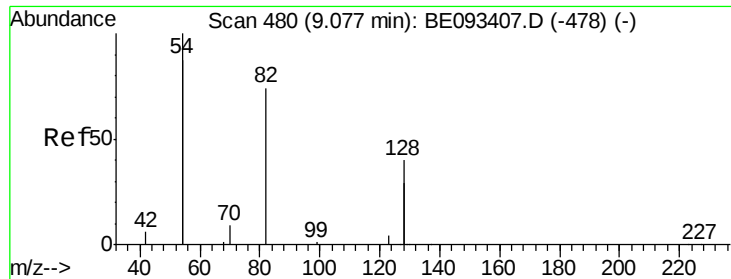
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.413 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093444.D

Acq: 7 Jul 2017 15:43

Instrument :

BNA_E

ClientSampleId :

MW-15BR-20170630

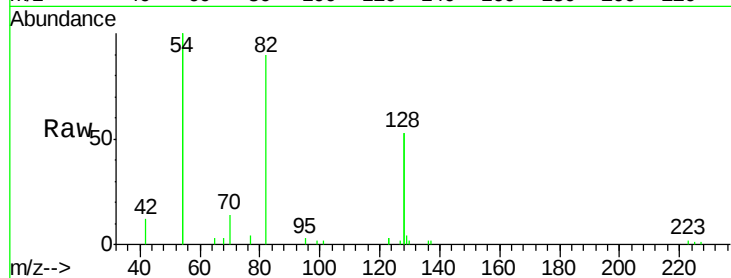
Tgt Ion: 82 Resp: 5192

Ion Ratio Lower Upper

82 100

128 118.5 17.0 25.4#

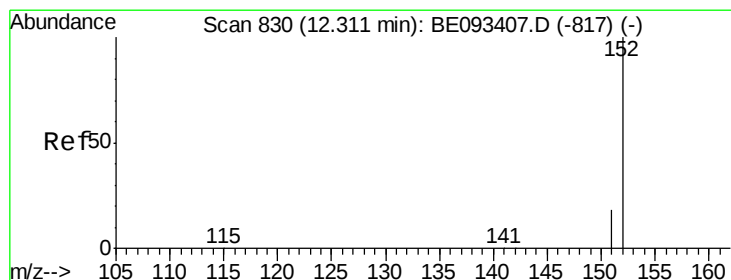
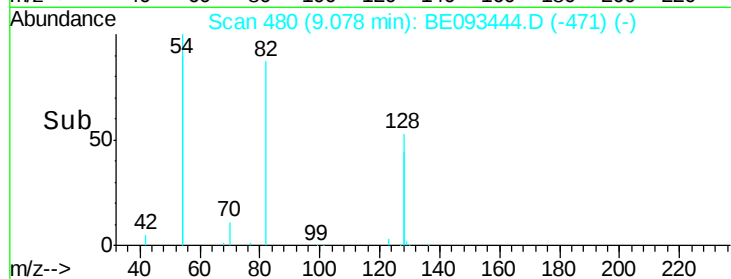
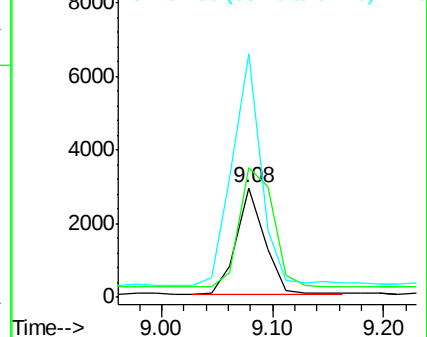
54 222.4 53.8 80.6#



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: 0.371 ng

RT: 12.31 min Scan# 829

Delta R.T. -0.01 min

Lab File: BE093444.D

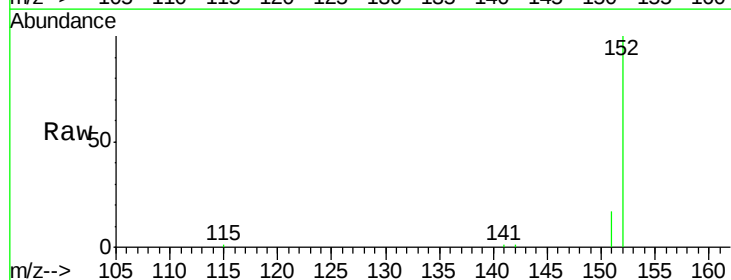
Acq: 7 Jul 2017 15:43

Tgt Ion: 152 Resp: 11645

Ion Ratio Lower Upper

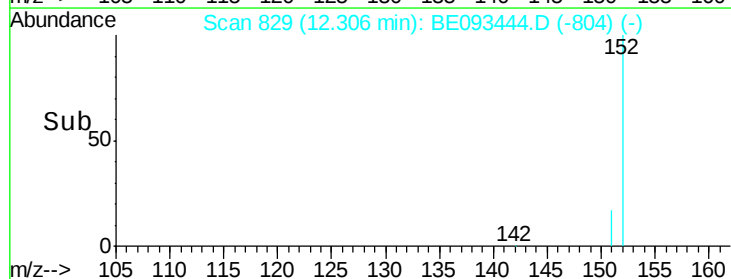
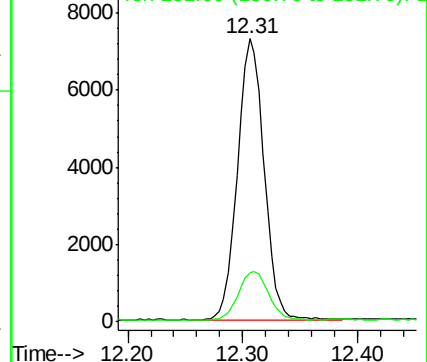
152 100

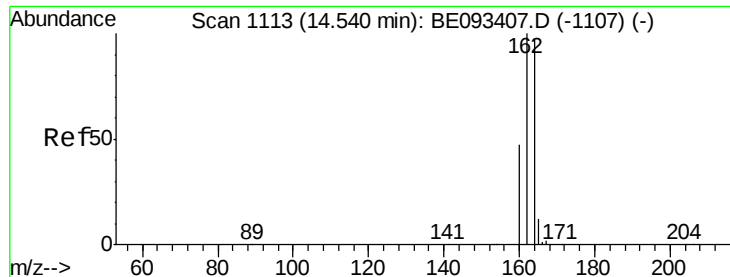
151 19.3 15.1 22.7



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: BE093444.D

Acq: 7 Jul 2017 15:43

Instrument :

BNA_E

ClientSampleId :

MW-15BR-20170630

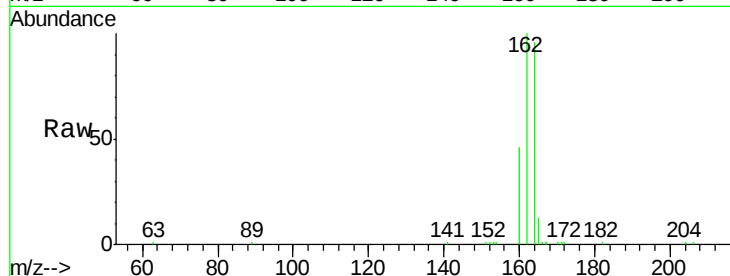
Tgt Ion:164 Resp: 13118

Ion Ratio Lower Upper

164 100

162 104.2 84.6 127.0

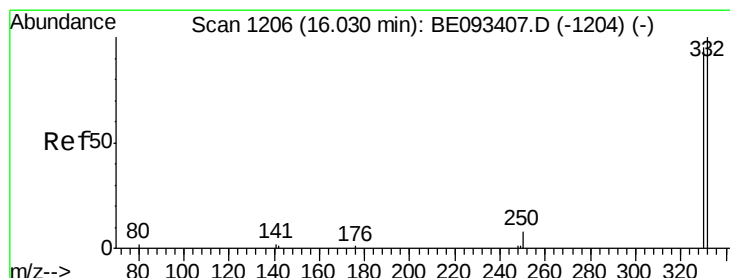
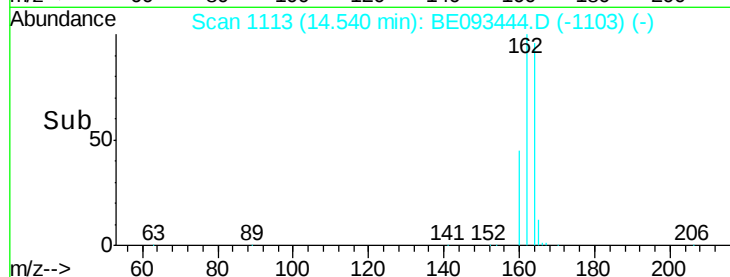
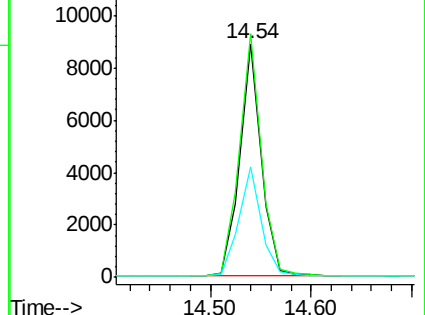
160 47.4 41.8 62.6



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: 0.327 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093444.D

Acq: 7 Jul 2017 15:43

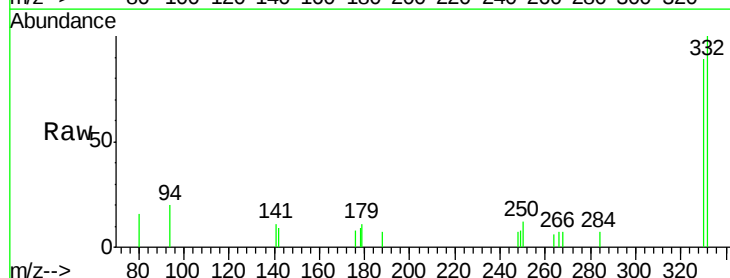
Tgt Ion:330 Resp: 1347

Ion Ratio Lower Upper

330 100

332 109.9 77.7 116.5

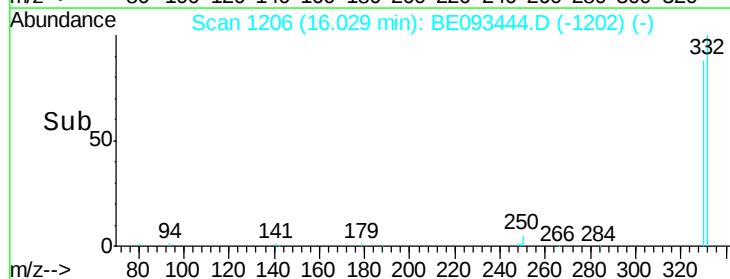
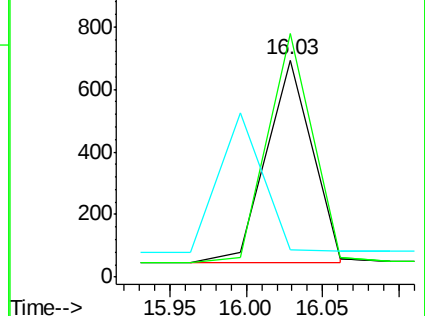
141 0.0 56.2 84.4#

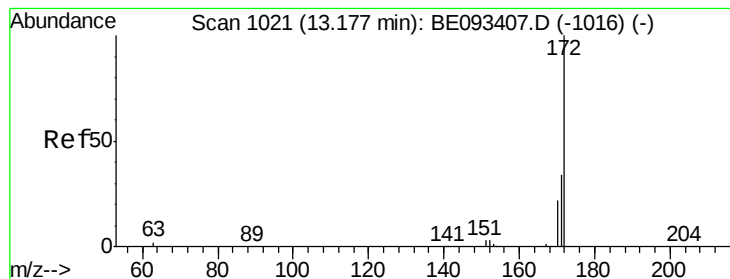


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.422 ng

RT: 13.18 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BE093444.D

Acq: 7 Jul 2017 15:43

Instrument :

BNA_E

ClientSampleId :

MW-15BR-20170630

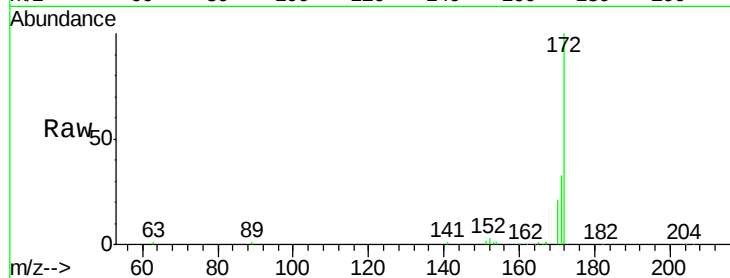
Tgt Ion:172 Resp: 21465

Ion Ratio Lower Upper

172 100

171 32.9 29.8 44.6

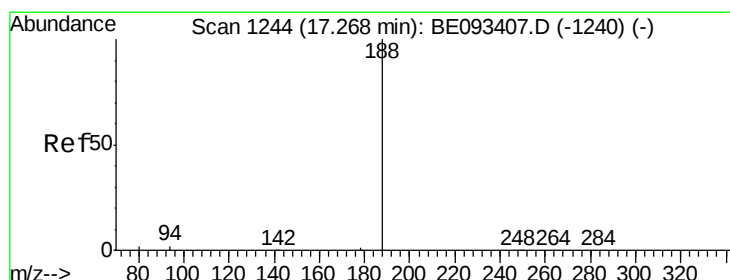
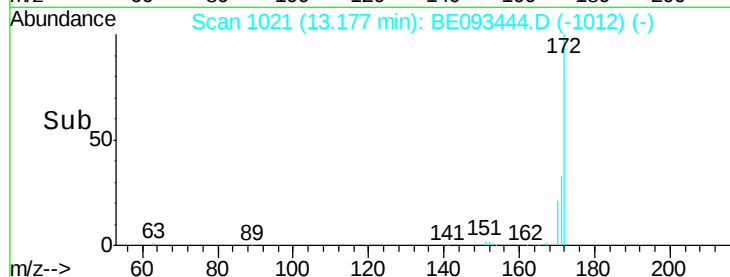
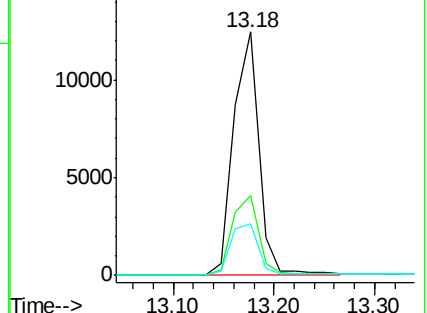
170 21.2 20.7 31.1



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: BE093444.D

Acq: 7 Jul 2017 15:43

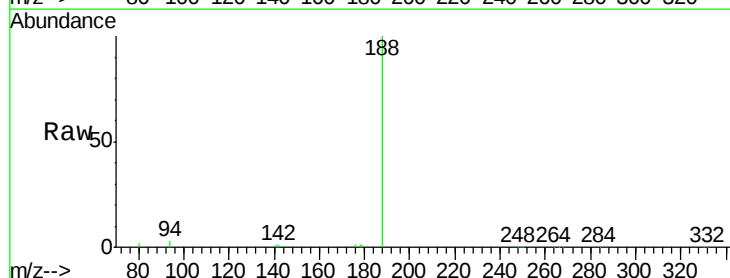
Tgt Ion:188 Resp: 32117

Ion Ratio Lower Upper

188 100

94 3.0 11.3 16.9#

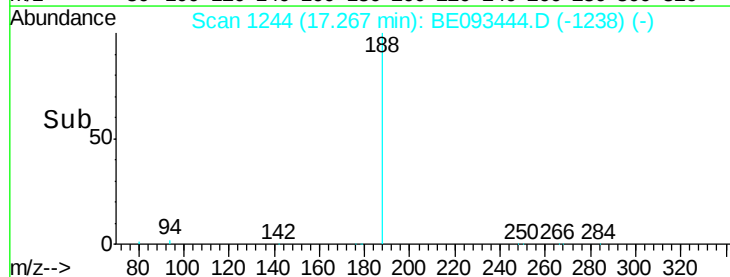
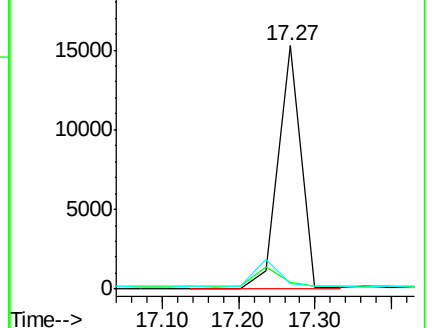
80 2.3 11.7 17.5#

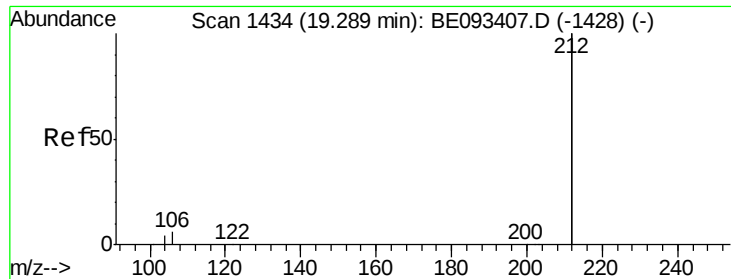


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.385 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE093444.D

Acq: 7 Jul 2017 15:43

Instrument :

BNA_E

ClientSampleId :

MW-15BR-20170630

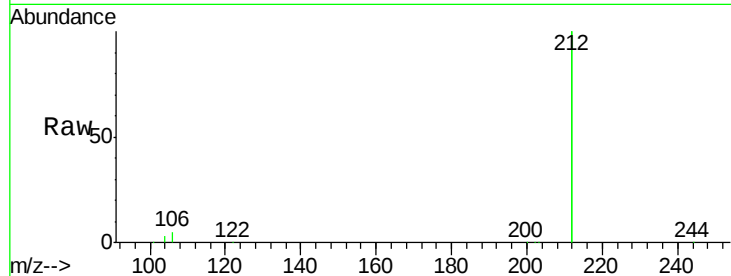
Tgt Ion:212 Resp: 149204

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

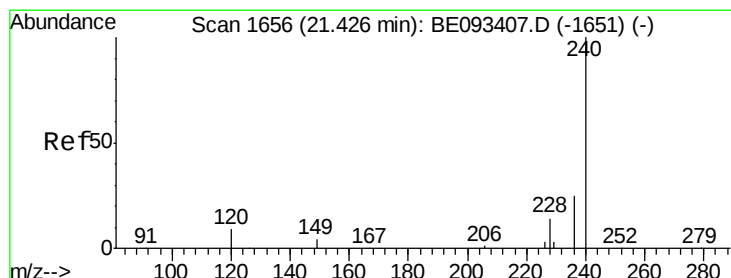
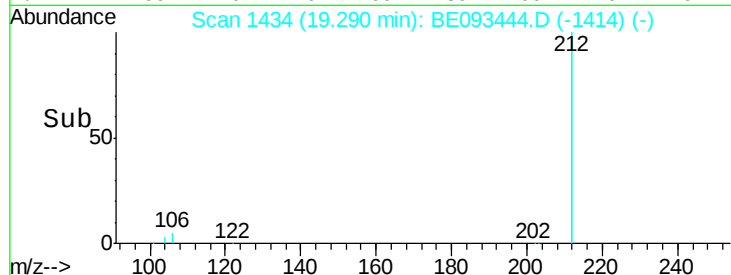
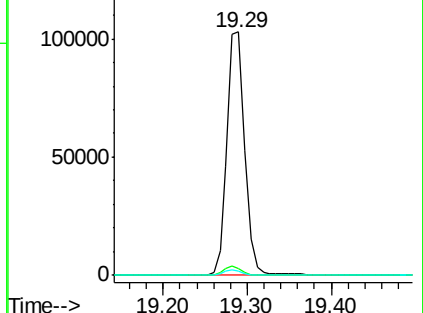
104 1.9 1.6 2.4



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: BE093444.D

Acq: 7 Jul 2017 15:43

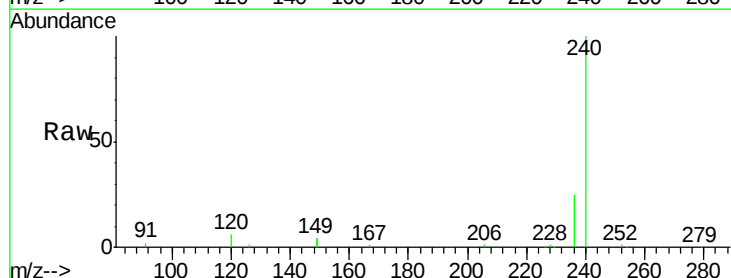
Tgt Ion:240 Resp: 36074

Ion Ratio Lower Upper

240 100

120 5.8 4.6 7.0

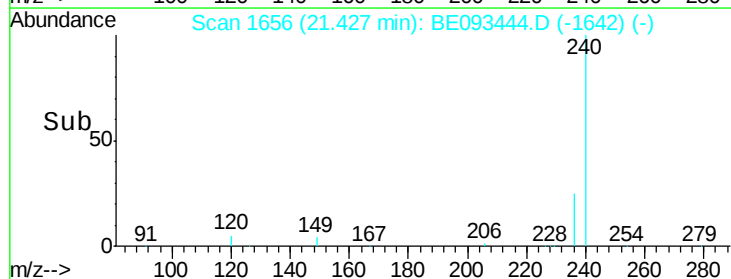
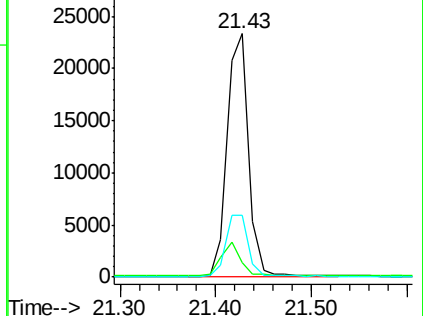
236 25.2 20.8 31.2

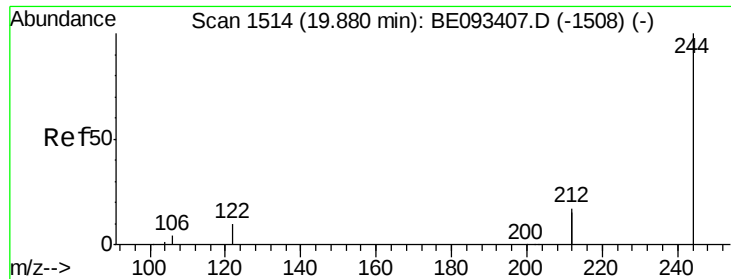


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.462 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093444.D

Acq: 7 Jul 2017 15:43

Instrument :

BNA_E

ClientSampleId :

MW-15BR-20170630

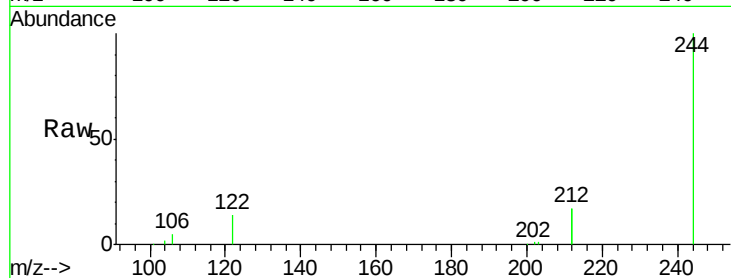
Tgt Ion:244 Resp: 29741

Ion Ratio Lower Upper

244 100

212 34.7 10.6 16.0#

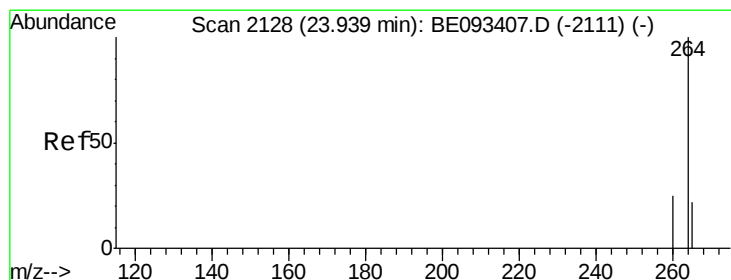
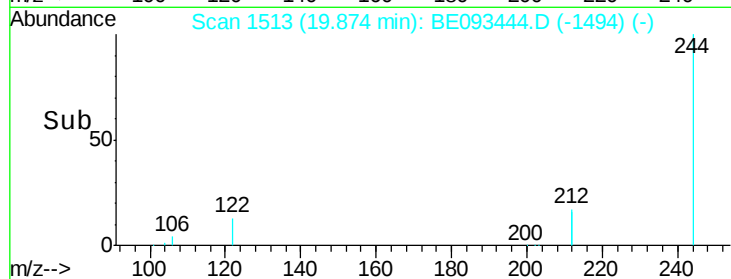
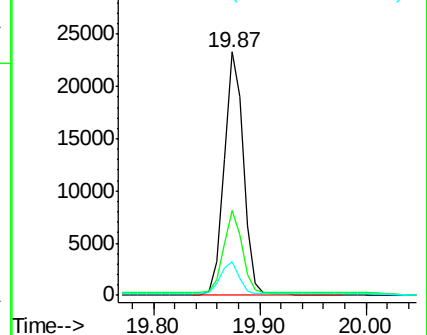
122 13.8 15.4 23.0#



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: BE093444.D

Acq: 7 Jul 2017 15:43

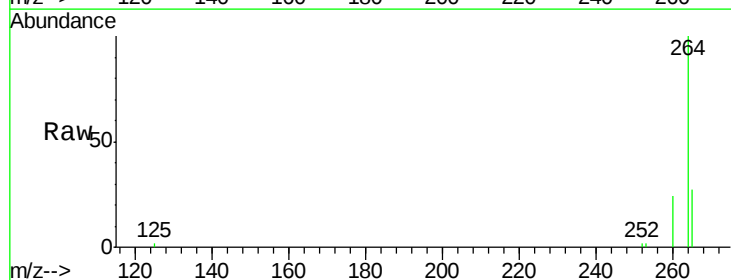
Tgt Ion:264 Resp: 31169

Ion Ratio Lower Upper

264 100

260 24.5 21.0 31.4

265 27.5 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

