

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
 Data File : BE095858.D
 Acq On : 27 Mar 2018 2:56
 Operator : SJ/JU
 Sample : J1994-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB-031918

Quant Time: Mar 27 06:59:54 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 12:41:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1107	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	4222	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2518	0.40	ng	-0.01
19) Phenanthrene-d10	17.71	188	6459	0.40	ng	0.00
27) Chrysene-d12	21.79	240	9227	0.40	ng	-0.01
34) Perylene-d12	24.41	264	7140	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	126	0.03	ng	0.00
5) Phenol-d6	7.56	99	107	0.02	ng	0.00
8) Nitrobenzene-d5	9.59	82	531	0.11	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	612	0.09	ng	-0.01
14) 2,4,6-Tribromophenol	16.47	330	129	0.09	ng	0.00
15) 2-Fluorobiphenyl	13.63	172	1370	0.13	ng	-0.01
25) Fluoranthene-d10	19.68	212	9312	0.10	ng	-0.01
29) Terphenyl-d14	20.24	244	2098	0.11	ng	0.00

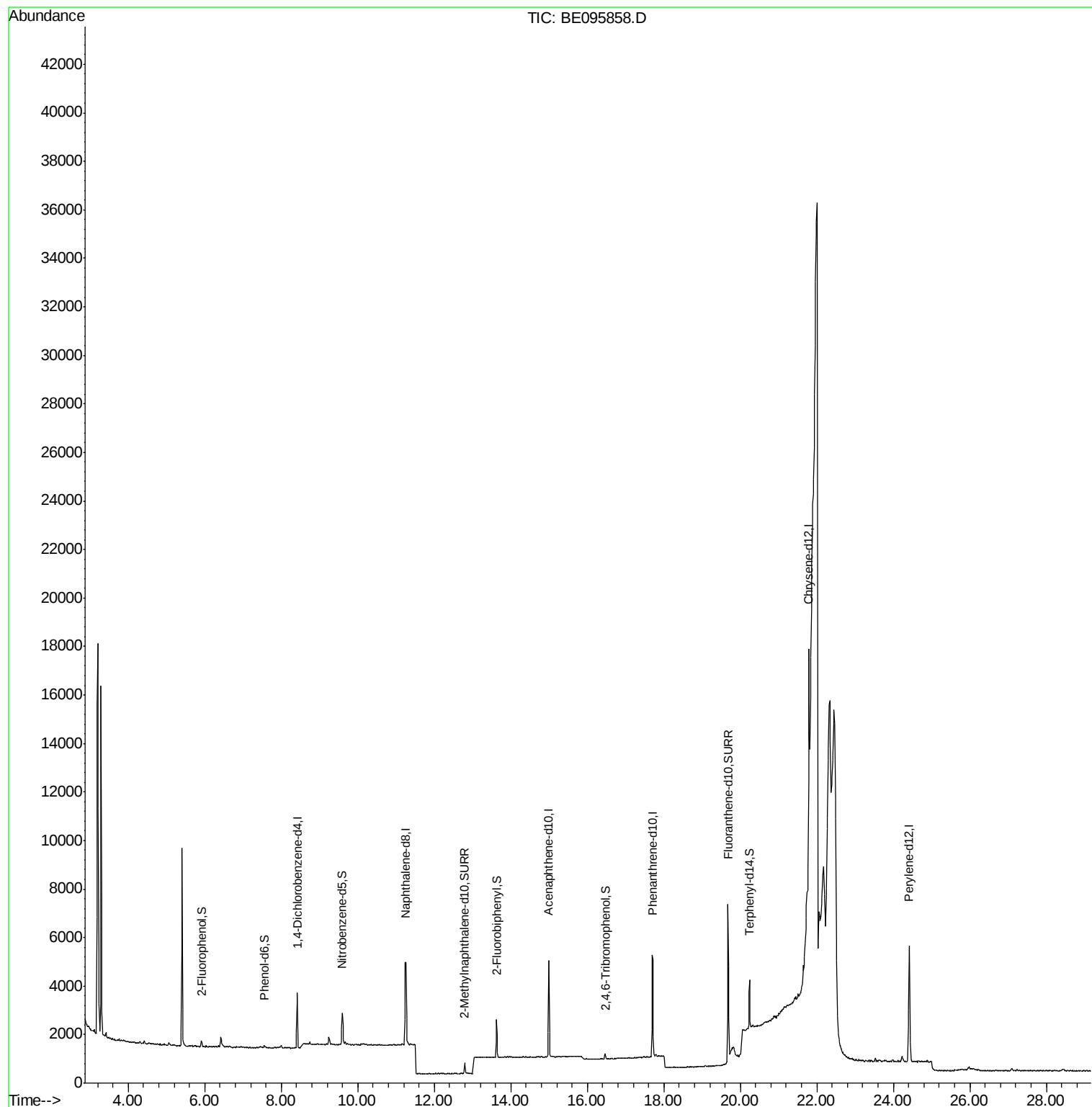
Target Compounds	Qvalue
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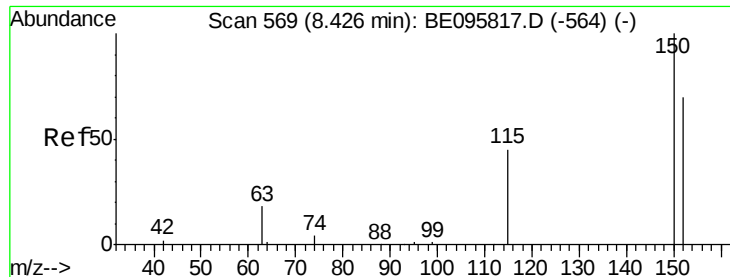
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.42 min Scan# 568

Delta R.T. -0.01 min

Lab File: BE095858.D

Acq: 27 Mar 2018 2:56

Instrument :

BNA_E

ClientSampleId :

FB-031918

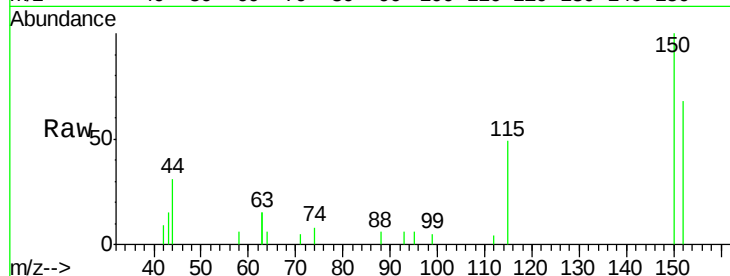
Tot Ion:152 Resp: 1107

Ion Ratio Lower Upper

152 100

150 146.8 117.2 175.8

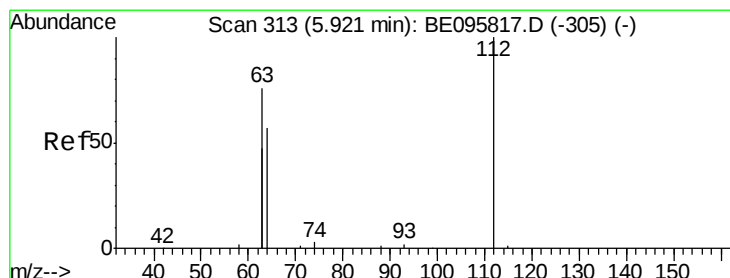
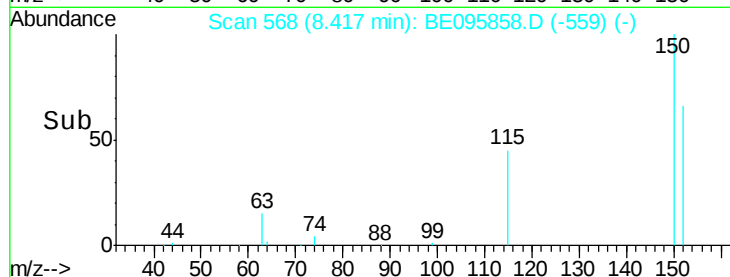
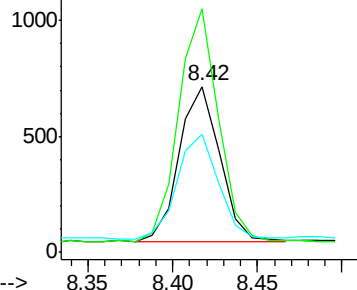
115 71.5 57.0 85.6



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: 0.035 ng

RT: 5.91 min Scan# 312

Delta R.T. -0.01 min

Lab File: BE095858.D

Acq: 27 Mar 2018 2:56

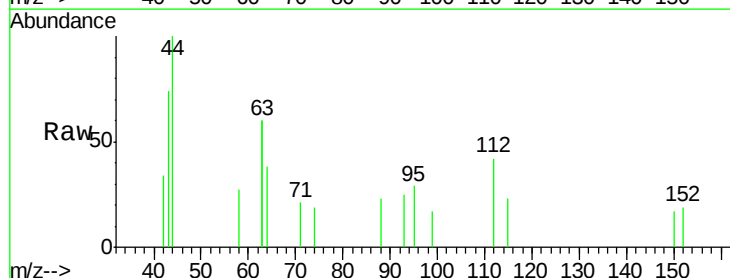
Tgt Ion:112 Resp: 126

Ion Ratio Lower Upper

112 100

64 78.6 60.1 90.1

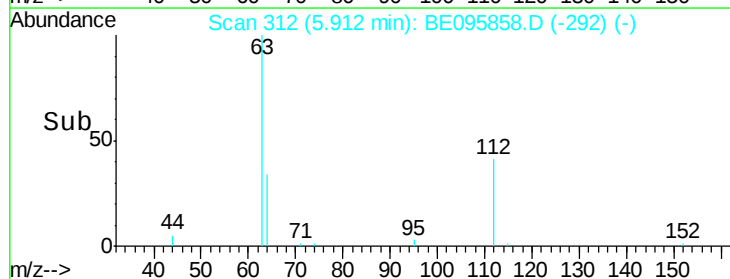
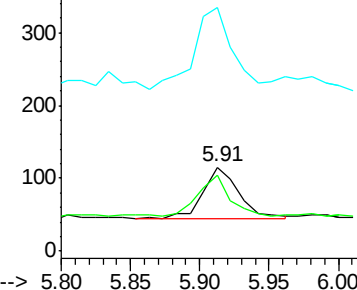
63 178.6 116.8 175.2#

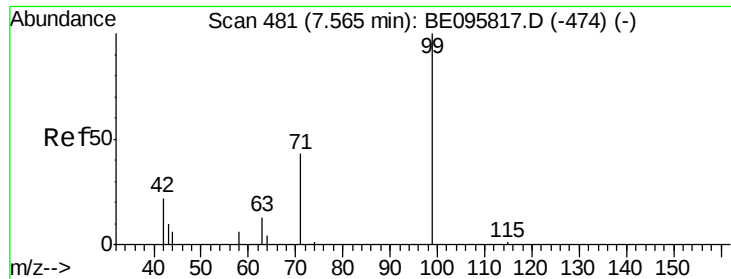


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.021 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095858.D

Acq: 27 Mar 2018 2:56

Instrument :

BNA_E

ClientSampleId :

FB-031918

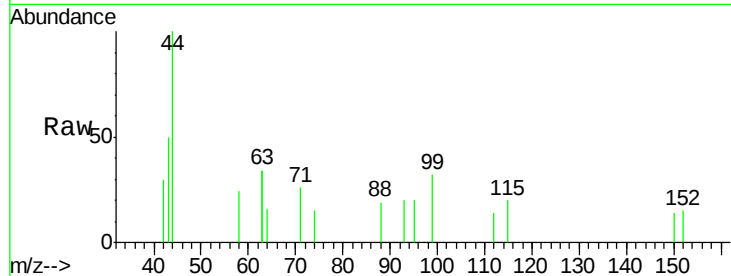
Tot Ion: 99 Resp: 107

Ion Ratio Lower Upper

99 100

42 36.4 20.2 30.2#

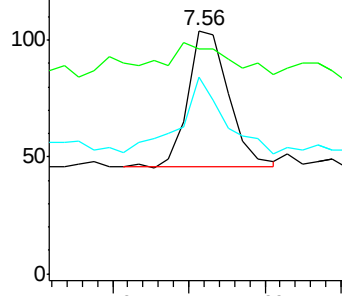
71 63.6 28.4 42.6#



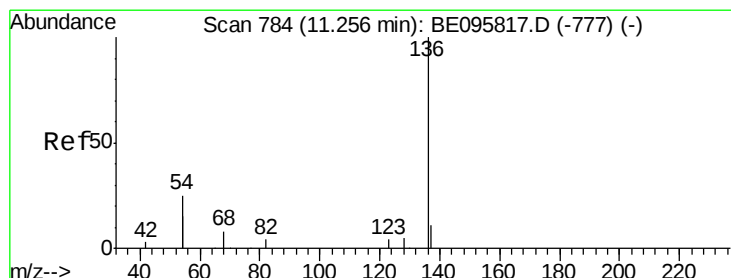
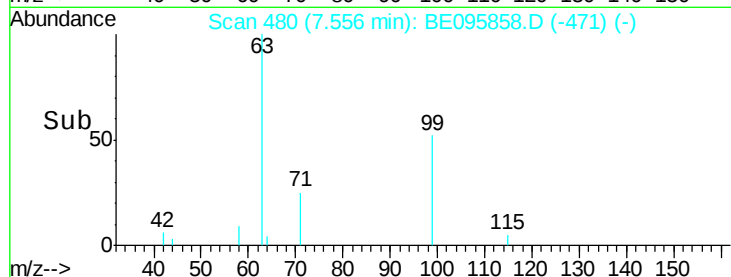
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.26 min Scan# 784

Delta R.T. 0.00 min

Lab File: BE095858.D

Acq: 27 Mar 2018 2:56

Tgt Ion: 136 Resp: 4222

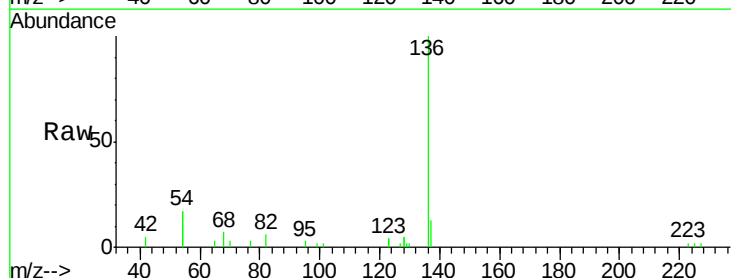
Ion Ratio Lower Upper

136 100

137 12.9 9.5 14.3

54 34.4 29.1 43.7

68 7.5 6.2 9.2

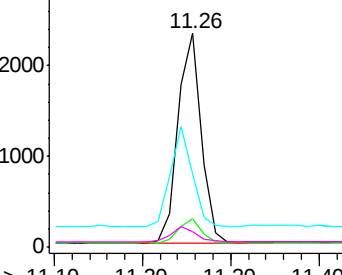


Abundance Ion 136.00 (135.70 to 136.70): E

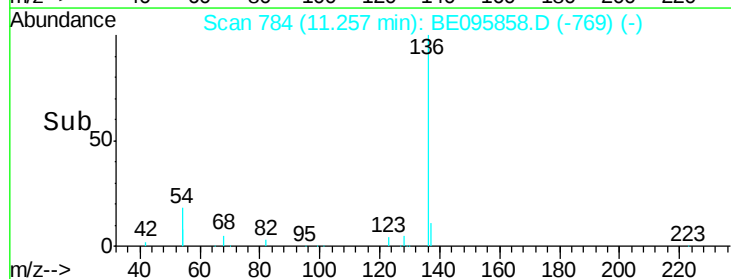
Ion 137.00 (136.70 to 137.70): E

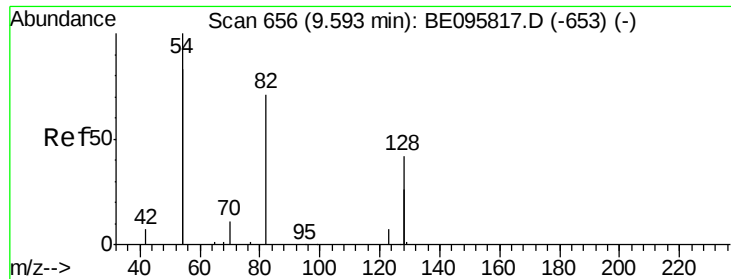
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.106 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095858.D

Acq: 27 Mar 2018 2:56

Instrument :

BNA_E

ClientSampleId :

FB-031918

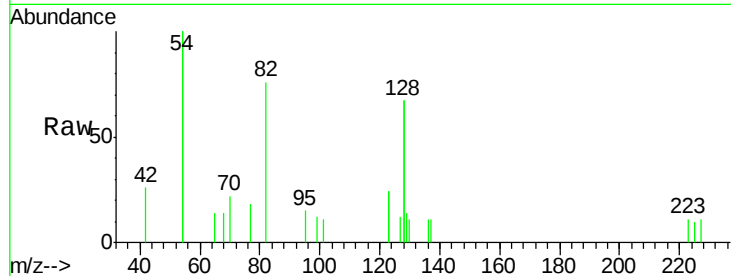
Tot Ion: 82 Resp: 531

Ion Ratio Lower Upper

82 100

128 175.9 150.0 225.0

54 262.3 154.2 231.4#

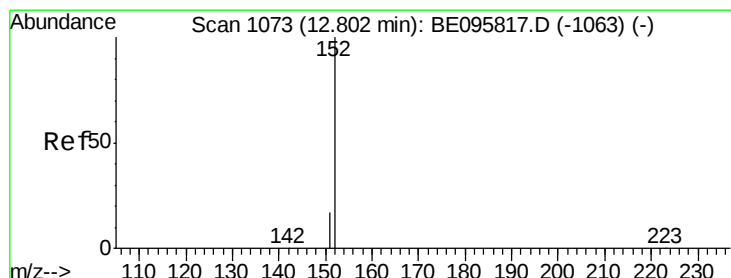
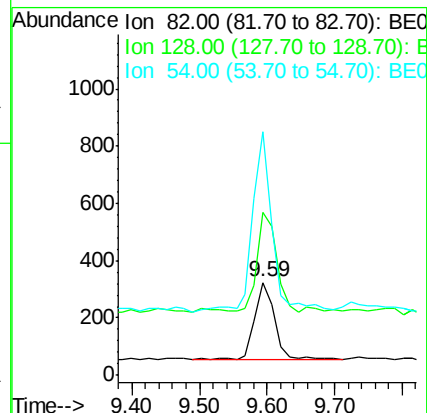
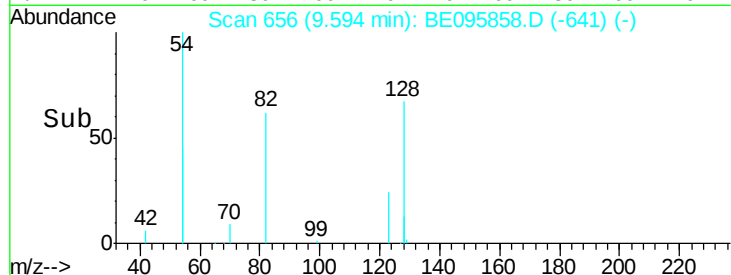


Abundance Ion 82.00 (81.70 to 82.70): BE095817.D (-653) (-)

Ion 128.00 (127.70 to 128.70): BE095817.D (-653) (-)

Ion 54.00 (53.70 to 54.70): BE095817.D (-653) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.087 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095858.D

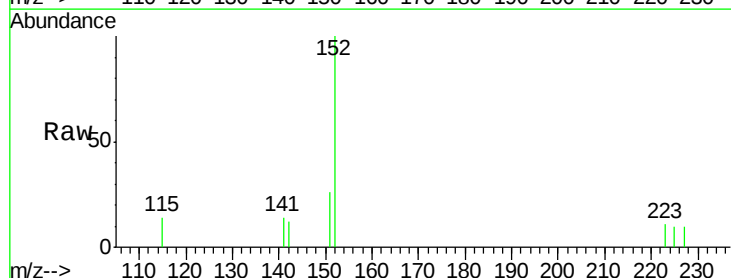
Acq: 27 Mar 2018 2:56

Tgt Ion: 152 Resp: 612

Ion Ratio Lower Upper

152 100

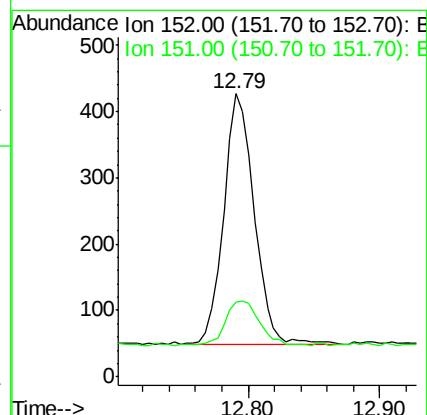
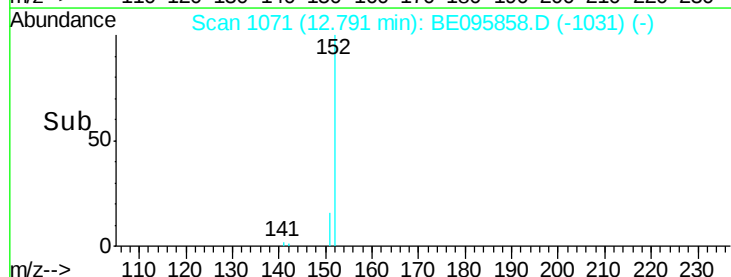
151 20.9 15.4 23.0

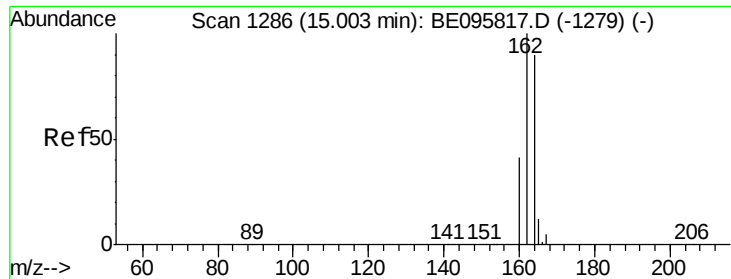


Abundance Ion 152.00 (151.70 to 152.70): BE095817.D (-1063) (-)

Ion 151.00 (150.70 to 151.70): BE095817.D (-1063) (-)

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095858.D

Acq: 27 Mar 2018 2:56

Instrument :

BNA_E

ClientSampleId :

FB-031918

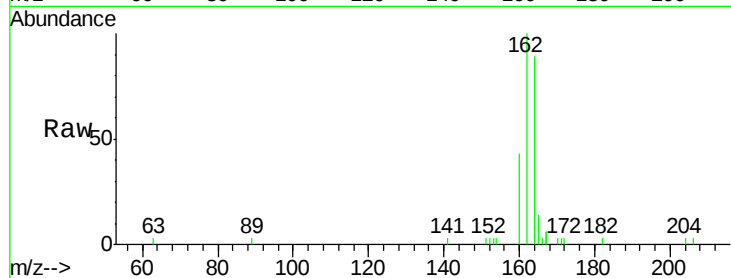
Tot Ion:164 Resp: 2518

Ion Ratio Lower Upper

164 100

162 112.1 83.1 124.7

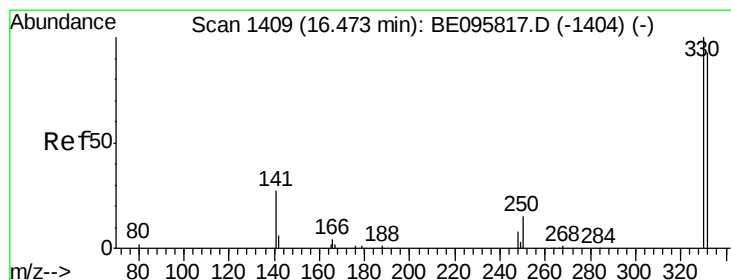
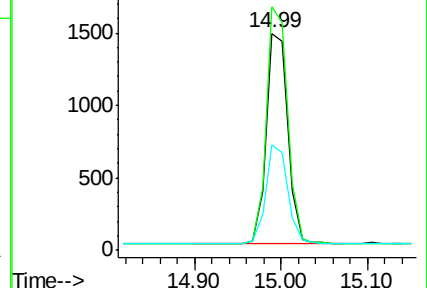
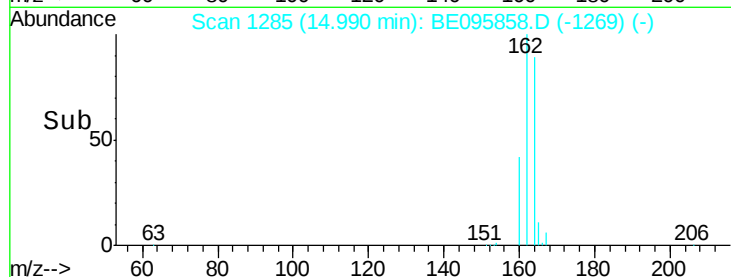
160 48.7 37.1 55.7



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: 0.089 ng

RT: 16.47 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BE095858.D

Acq: 27 Mar 2018 2:56

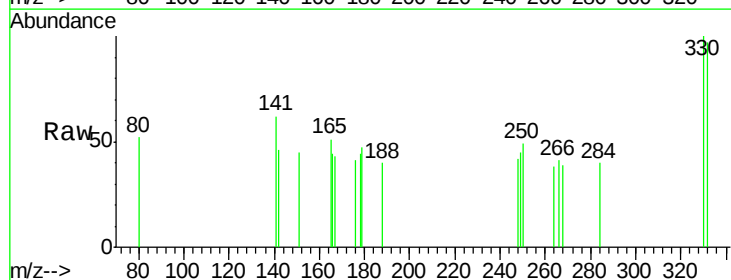
Tgt Ion:330 Resp: 129

Ion Ratio Lower Upper

330 100

332 101.6 152.7 229.1#

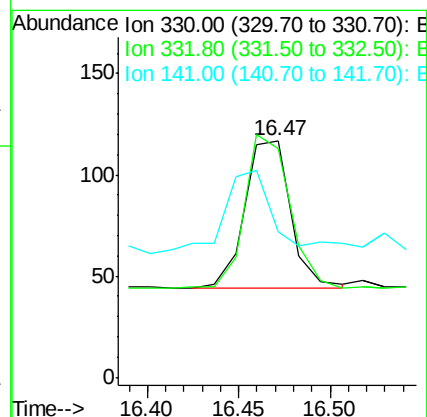
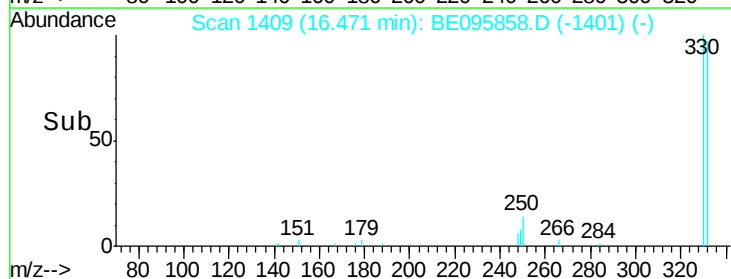
141 63.6 33.7 50.5#

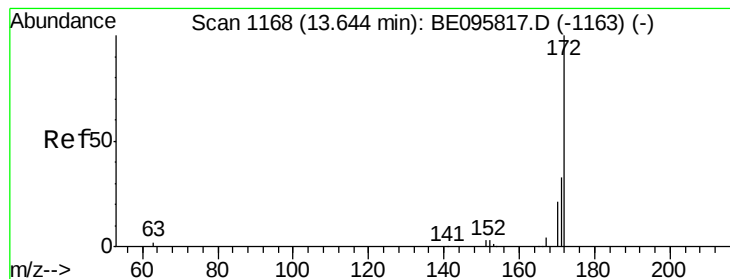


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.129 ng

RT: 13.63 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BE095858.D

Acq: 27 Mar 2018 2:56

Instrument :

BNA_E

ClientSampleId :

FB-031918

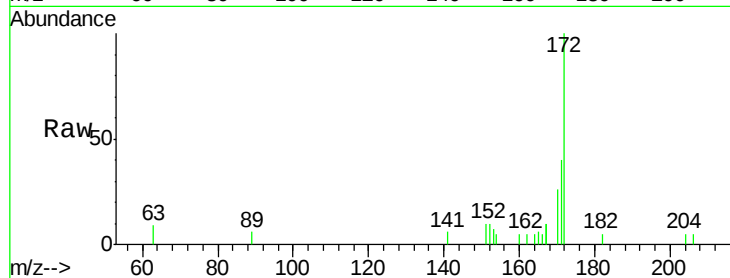
Tot Ion:172 Resp: 1370

Ion Ratio Lower Upper

172 100

171 39.9 29.9 44.9

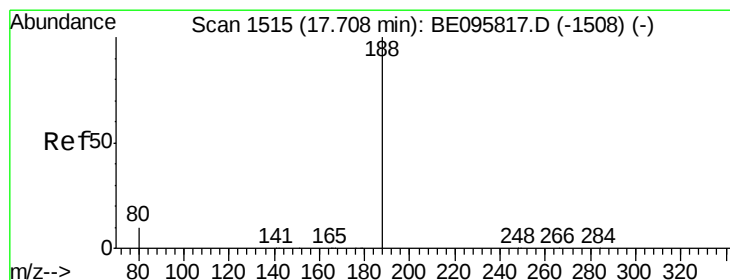
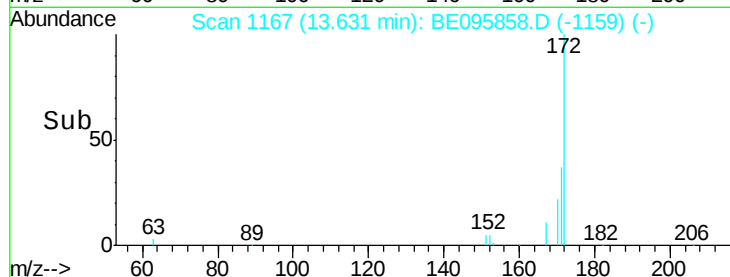
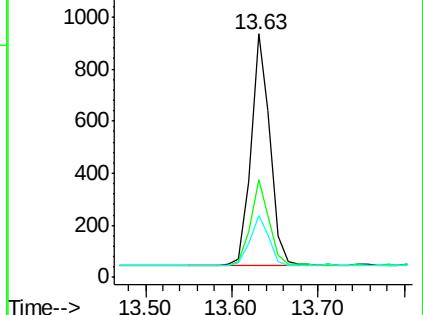
170 25.7 21.8 32.8



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BE095858.D

Acq: 27 Mar 2018 2:56

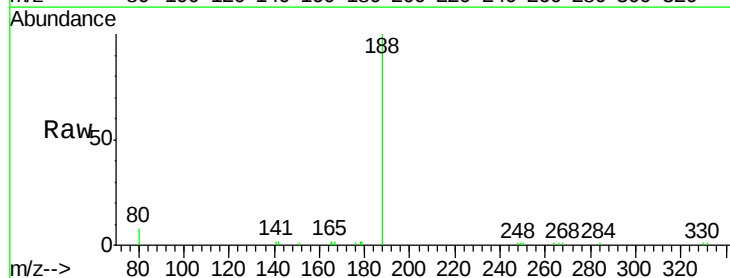
Tgt Ion:188 Resp: 6459

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

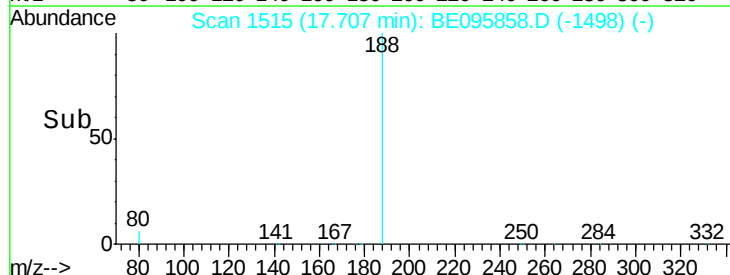
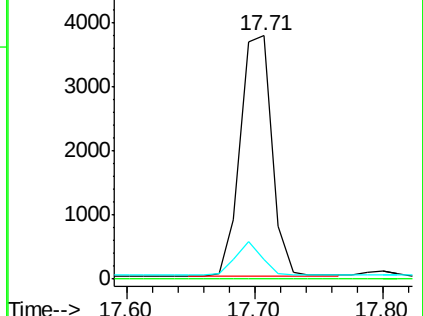
80 8.1 3.6 5.4#

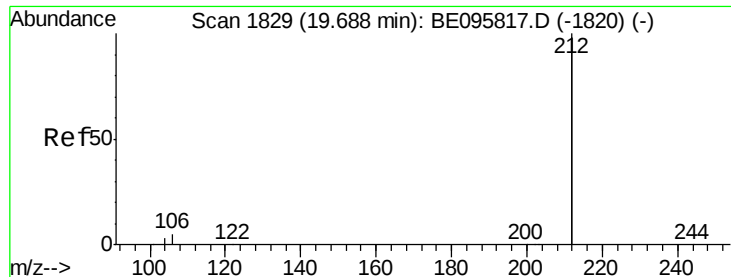


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.097 ng

RT: 19.68 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BE095858.D

Acq: 27 Mar 2018 2:56

Instrument :

BNA_E

ClientSampleId :

FB-031918

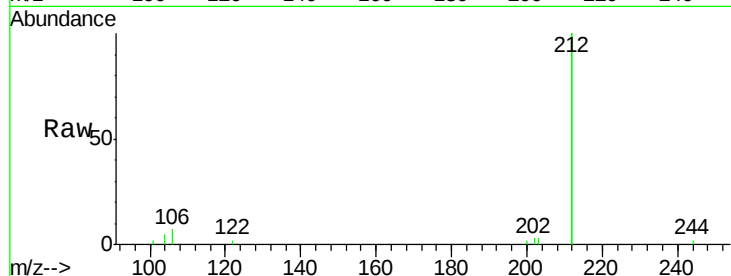
Tot Ion:212 Resp: 9312

Ion Ratio Lower Upper

212 100

106 2.7 2.8 4.2#

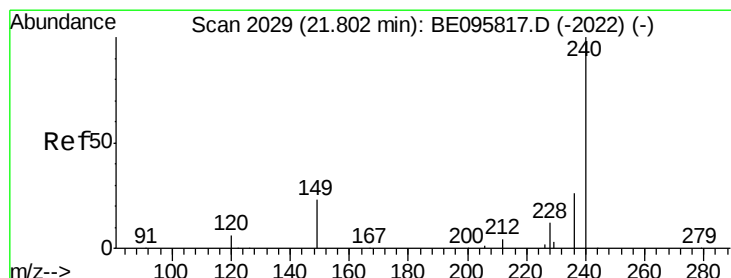
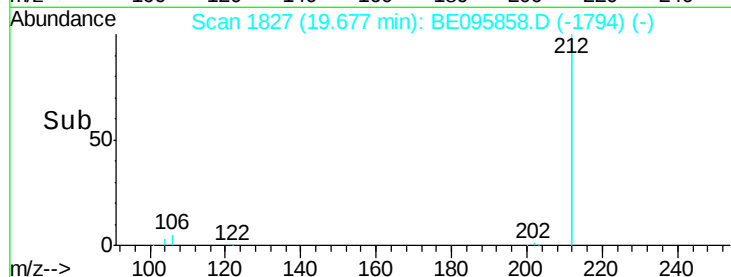
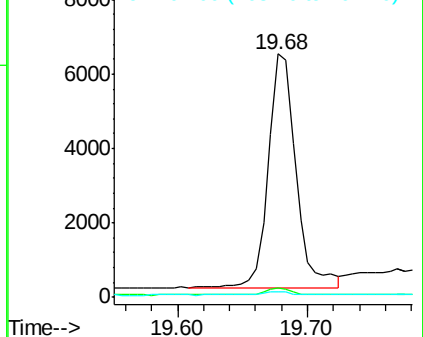
104 1.6 1.6 2.4



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: 21.79 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE095858.D

Acq: 27 Mar 2018 2:56

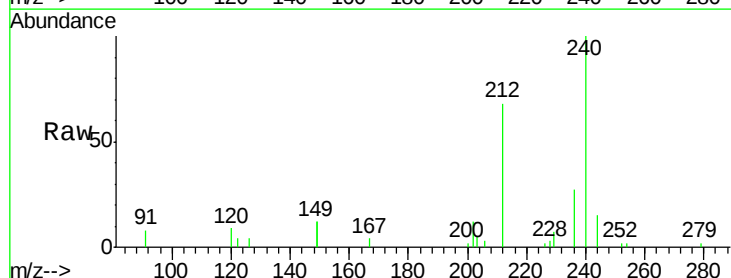
Tgt Ion:240 Resp: 9227

Ion Ratio Lower Upper

240 100

120 8.9 5.5 8.3#

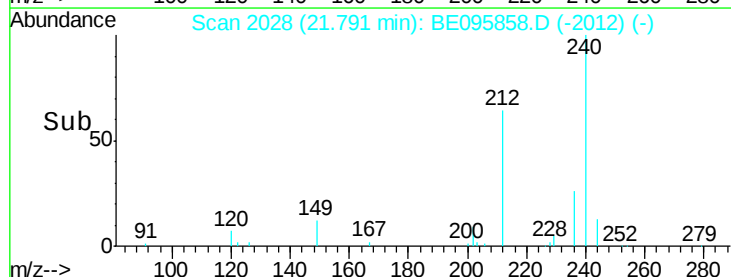
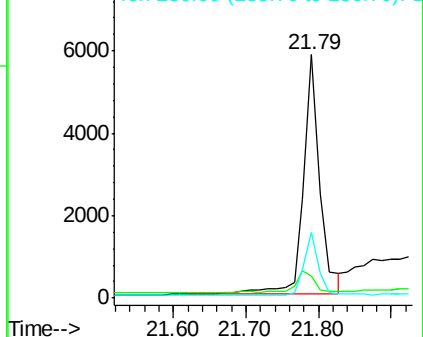
236 27.2 20.7 31.1

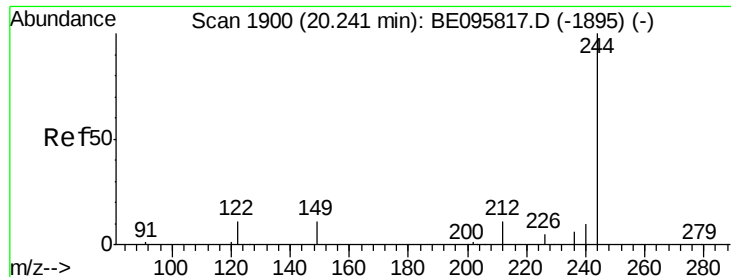


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.107 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095858.D

Acq: 27 Mar 2018 2:56

Instrument :

BNA_E

ClientSampleId :

FB-031918

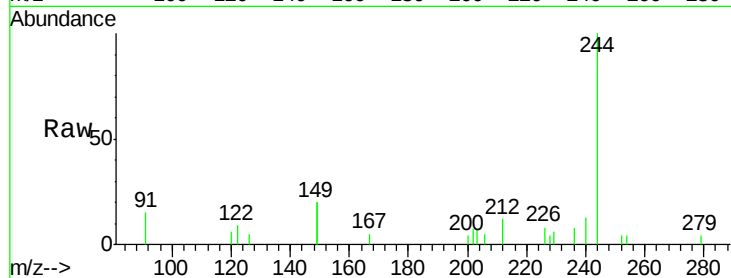
Tot Ion:244 Resp: 2098

Ion Ratio Lower Upper

244 100

212 12.5 25.4 38.0#

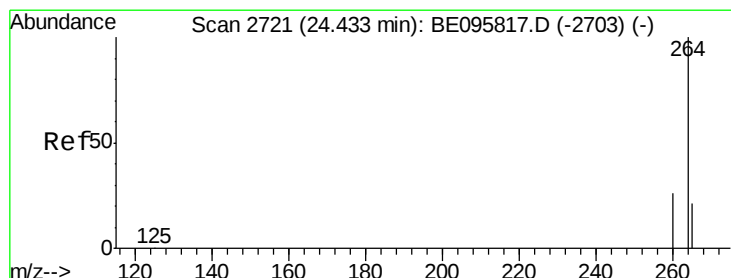
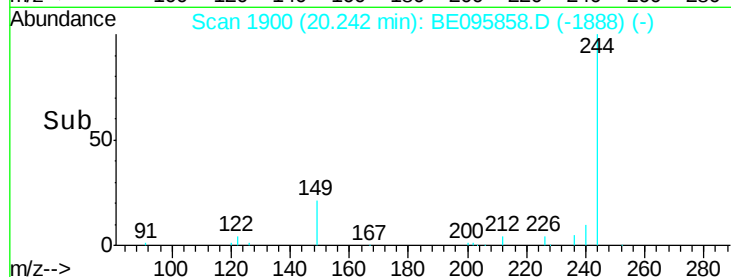
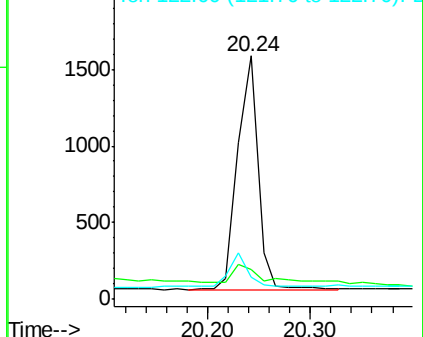
122 9.2 8.1 12.1



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: 24.41 min Scan# 2716

Delta R.T. -0.02 min

Lab File: BE095858.D

Acq: 27 Mar 2018 2:56

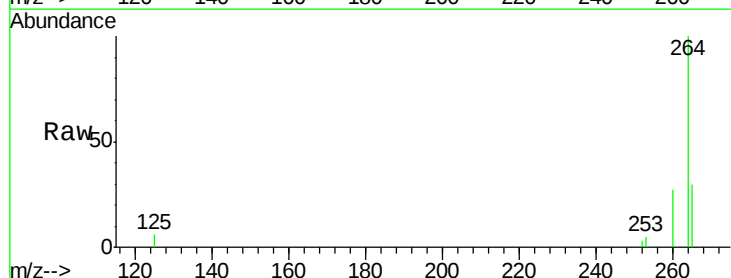
Tgt Ion:264 Resp: 7140

Ion Ratio Lower Upper

264 100

260 26.9 20.5 30.7

265 29.9 22.8 34.2



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

