

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022318\
 Data File : BE095685.D
 Acq On : 23 Feb 2018 16:18
 Operator : SJ/JU
 Sample : PB106752BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB106752BL

Quant Time: Feb 23 18:32:09 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 12:12:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1227	0.40	ng	0.00
7) Naphthalene-d8	11.28	136	4286	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	2249	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	5367	0.40	ng	0.01
27) Chrysene-d12	21.79	240	5483	0.40	ng	0.00
34) Perylene-d12	24.43	264	5104	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.92	112	1207	0.37	ng	0.00
5) Phenol-d6	7.55	99	1528	0.34	ng	0.00
8) Nitrobenzene-d5	9.61	82	1484	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	2503	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	218	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	3575	0.36	ng	0.00
25) Fluoranthene-d10	19.69	212	25069	0.36	ng	0.00
29) Terphenyl-d14	20.25	244	3810	0.35	ng	0.00

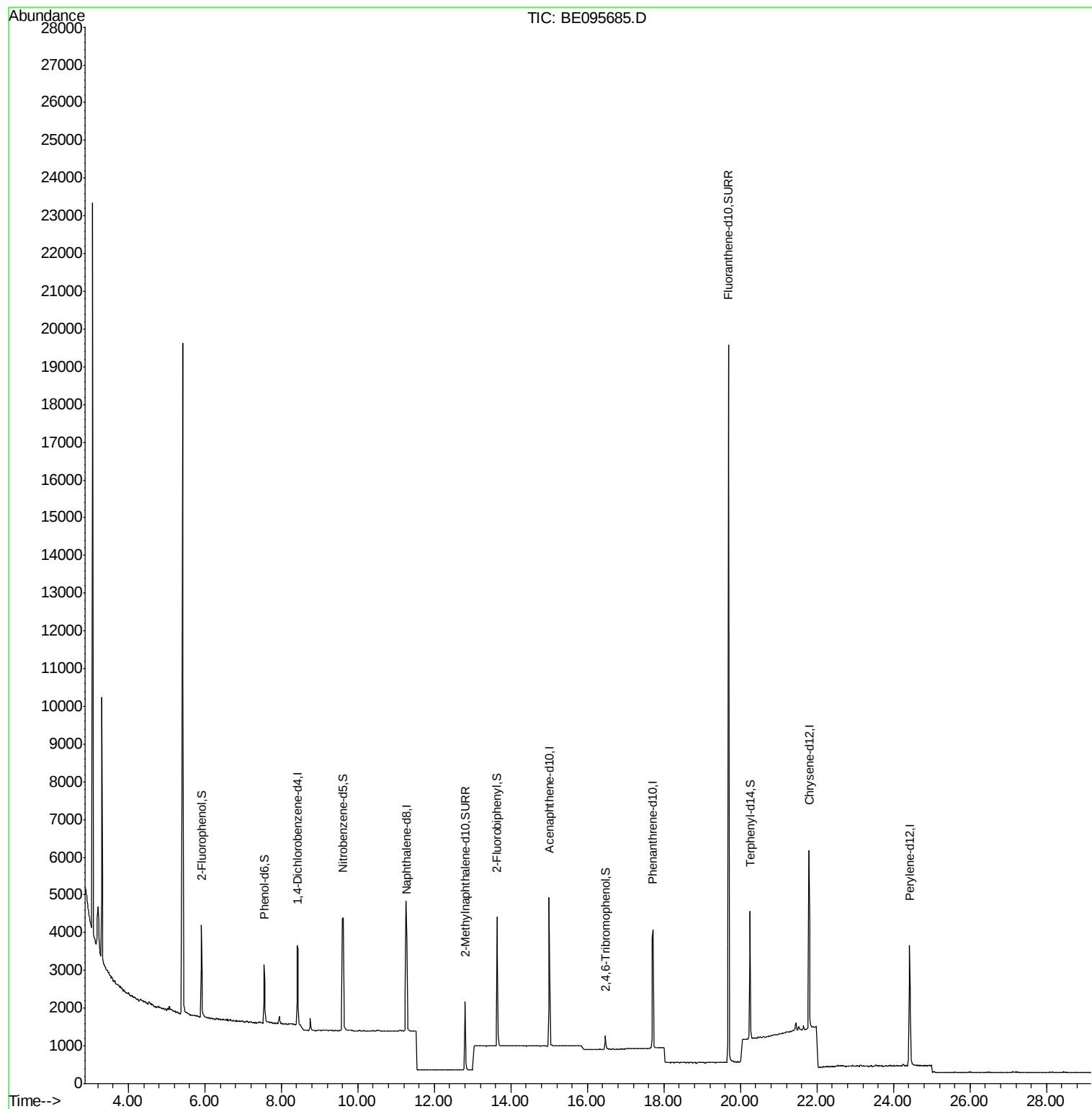
Target Compounds	Qvalue
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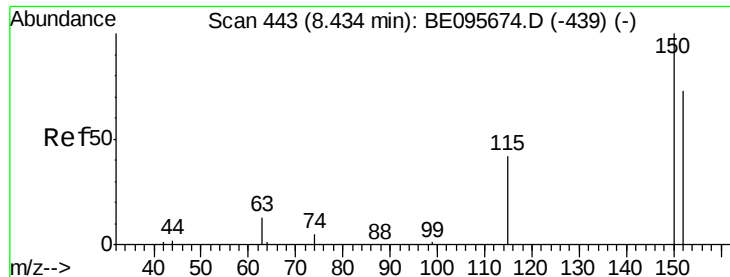
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 8.43 min Scan# 443

Delta R.T. -0.00 min

Lab File: BE095685.D

Acq: 23 Feb 2018 16:18

Instrument :

BNA_E

ClientSampleId :

PB106752BL

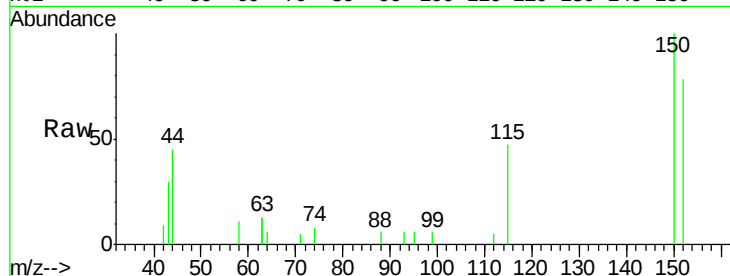
Tot Ion:152 Resp: 1227

Ion Ratio Lower Upper

152 100

150 128.3 117.2 175.8

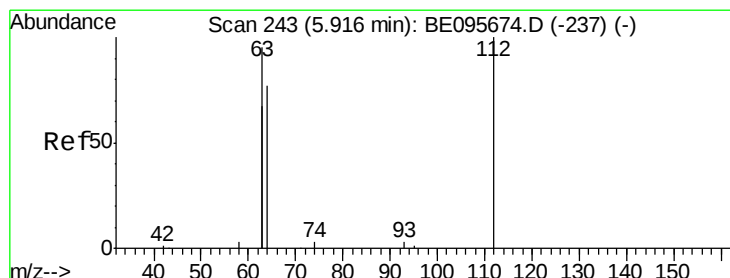
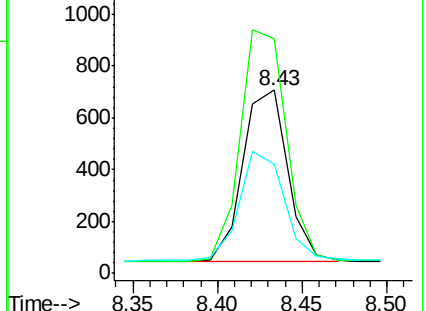
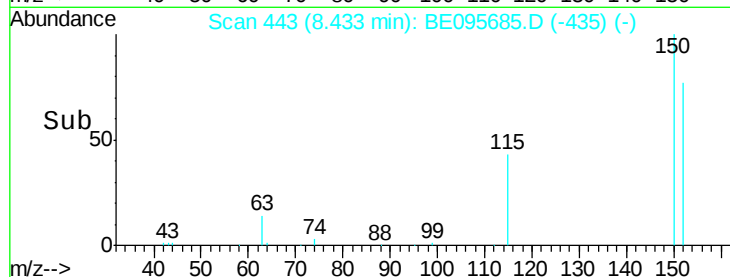
115 59.7 57.0 85.6



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: 0.37 ng

RT: 5.92 min Scan# 243

Delta R.T. -0.00 min

Lab File: BE095685.D

Acq: 23 Feb 2018 16:18

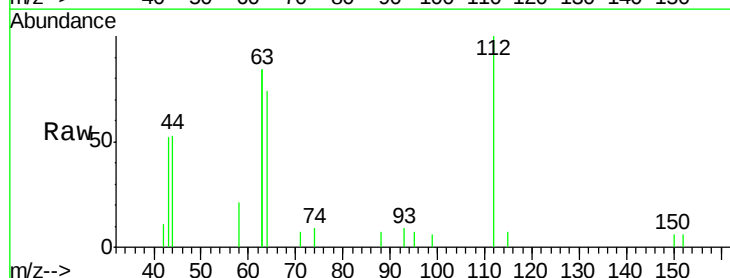
Tgt Ion:112 Resp: 1207

Ion Ratio Lower Upper

112 100

64 72.3 60.1 90.1

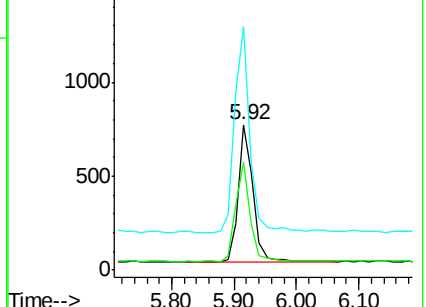
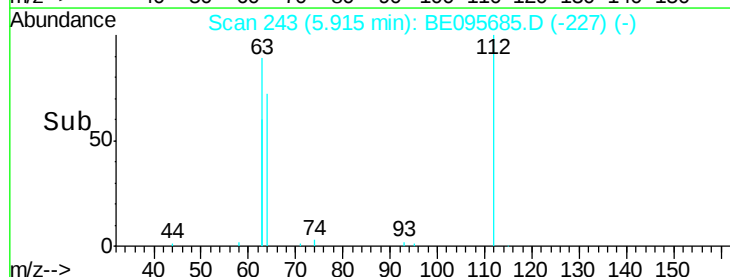
63 160.1 116.8 175.2

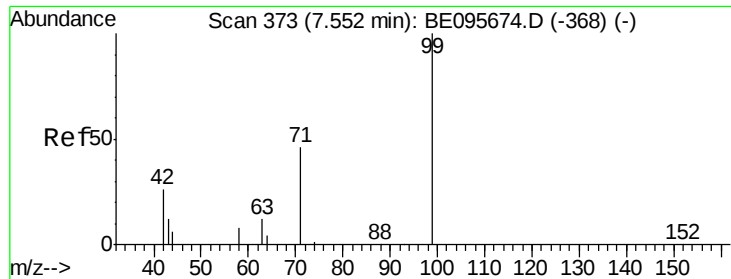


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.34 ng

RT: 7.55 min Scan# 373

Delta R.T. -0.00 min

Lab File: BE095685.D

Acq: 23 Feb 2018 16:18

Instrument :

BNA_E

ClientSampleId :

PB106752BL

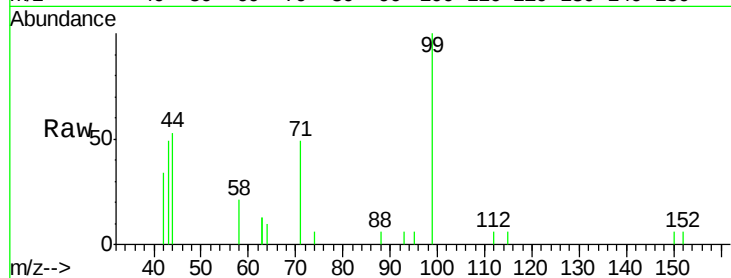
Tot Ion: 99 Resp: 1528

Ion Ratio Lower Upper

99 100

42 23.1 20.2 30.2

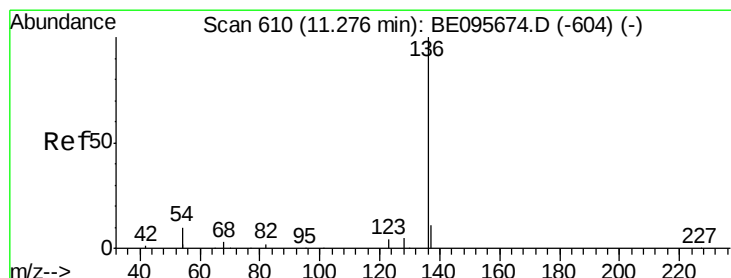
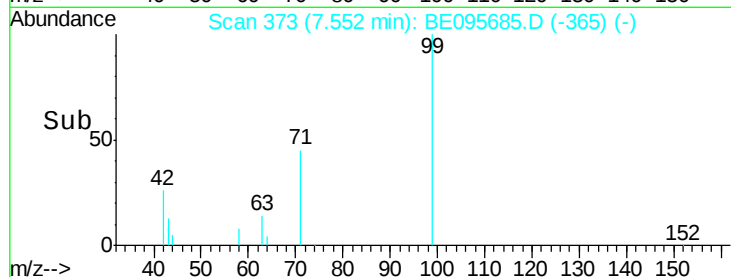
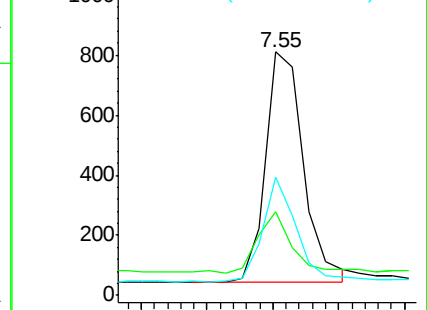
71 39.7 28.4 42.6



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



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 11.28 min Scan# 610

Delta R.T. 0.00 min

Lab File: BE095685.D

Acq: 23 Feb 2018 16:18

Tgt Ion: 136 Resp: 4286

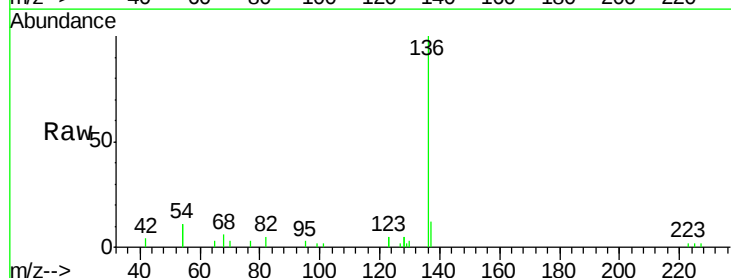
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 22.2 29.1 43.7#

68 5.5 6.2 9.2#

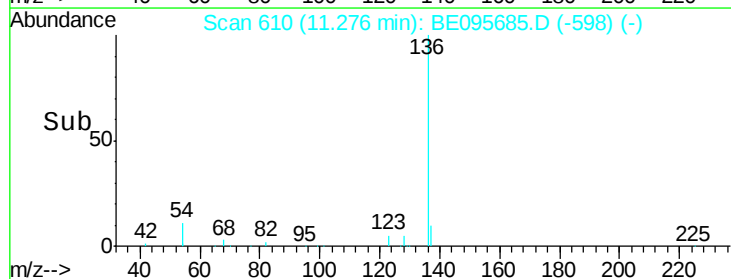
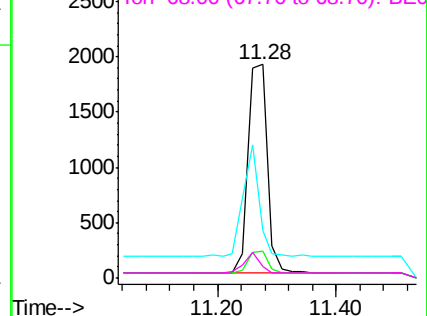


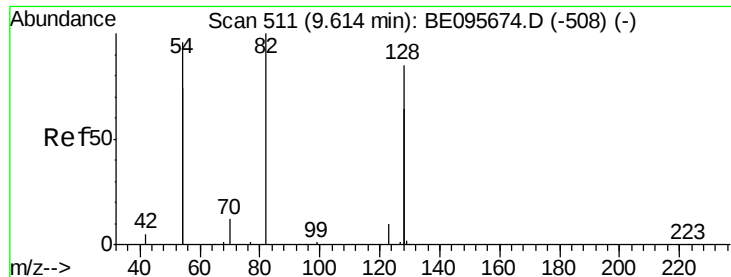
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.34 ng

RT: 9.61 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE095685.D

Acq: 23 Feb 2018 16:18

Instrument :

BNA_E

ClientSampleId :

PB106752BL

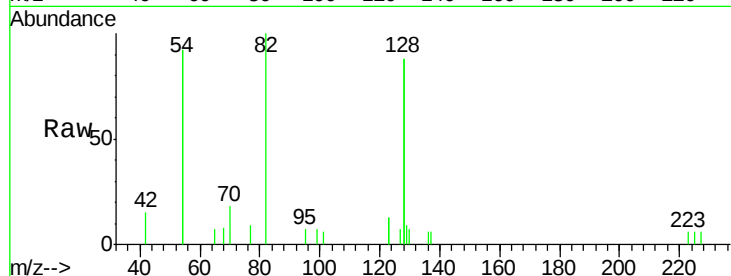
Tot Ion: 82 Resp: 1484

Ion Ratio Lower Upper

82 100

128 175.6 150.0 225.0

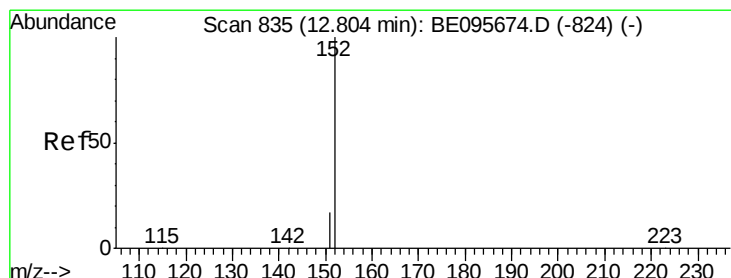
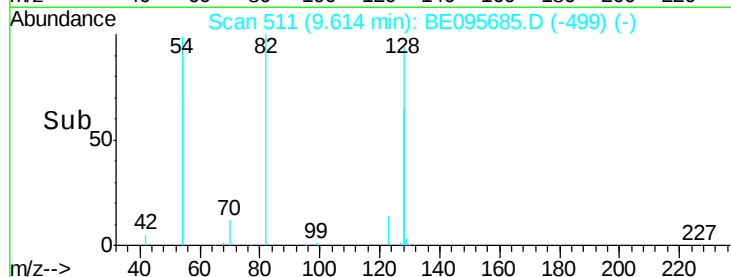
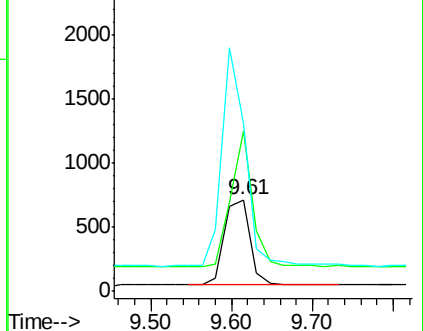
54 183.8 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.35 ng

RT: 12.80 min Scan# 835

Delta R.T. 0.00 min

Lab File: BE095685.D

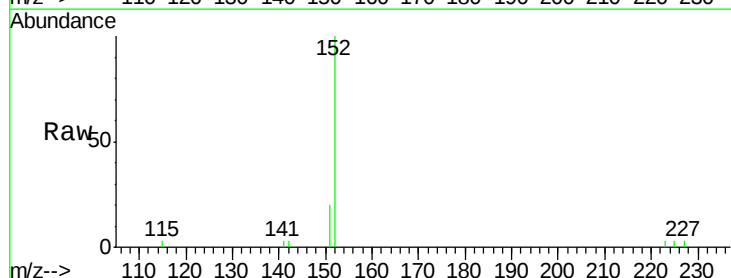
Acq: 23 Feb 2018 16:18

Tgt Ion: 152 Resp: 2503

Ion Ratio Lower Upper

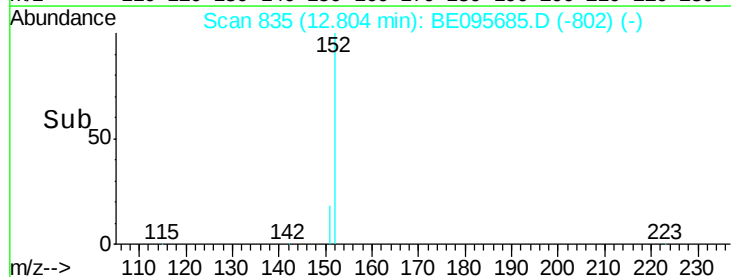
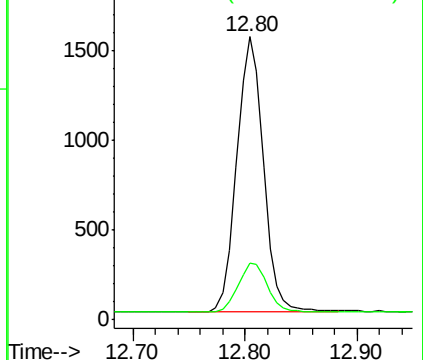
152 100

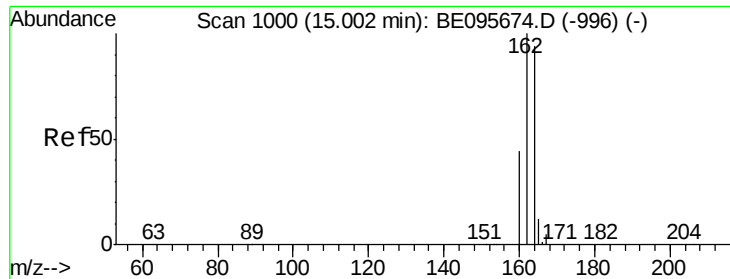
151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

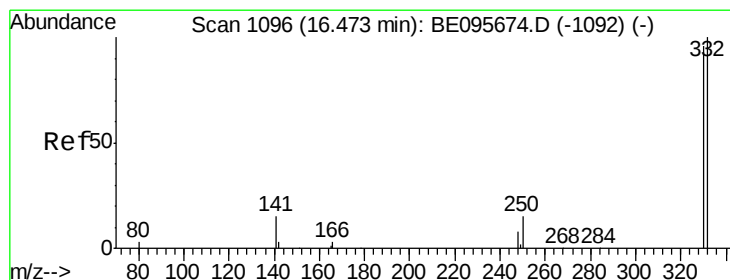
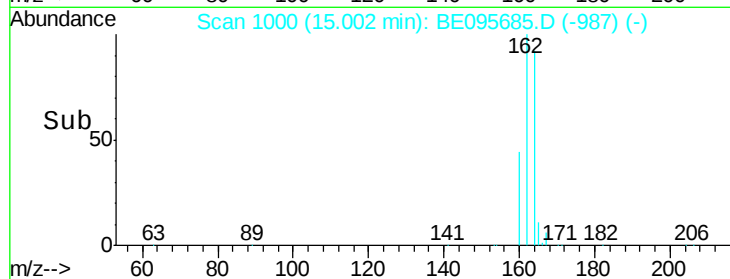
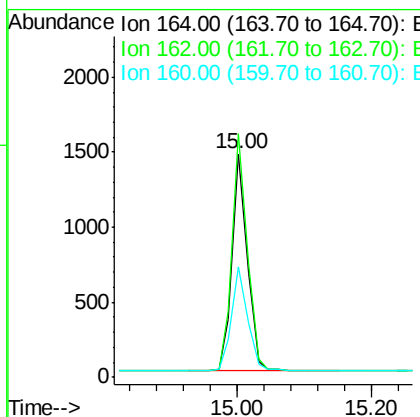
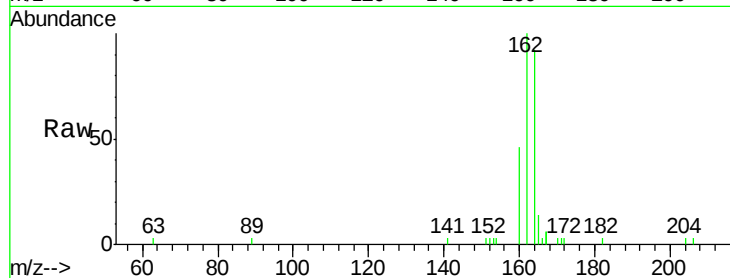




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 15.00 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BE095685.D
 Acq: 23 Feb 2018 16:18

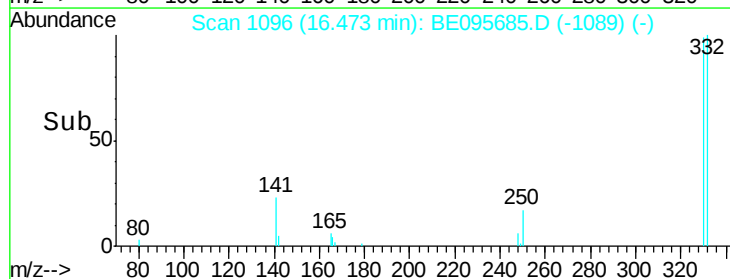
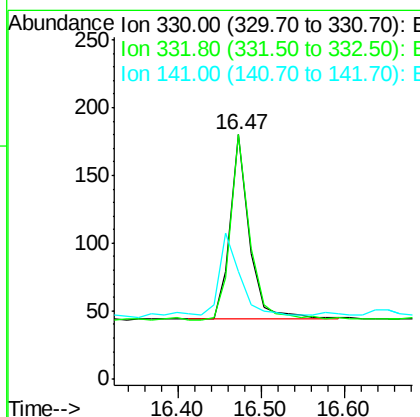
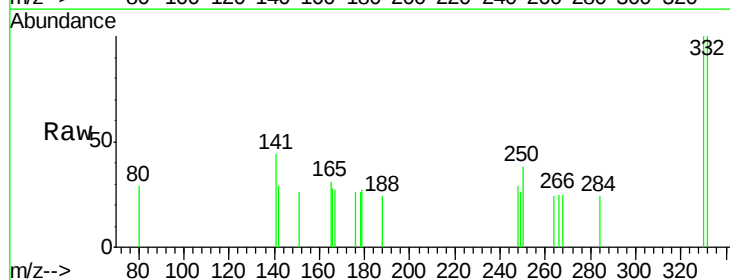
Instrument :
 BNA_E
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 PB106752BL

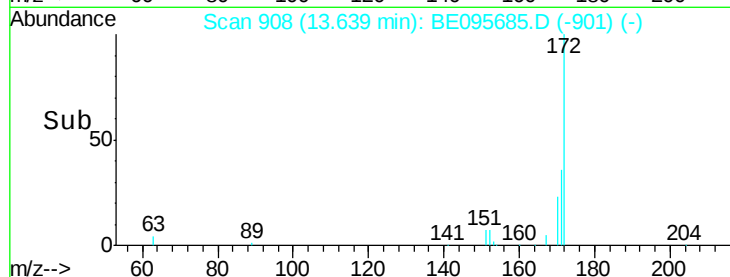
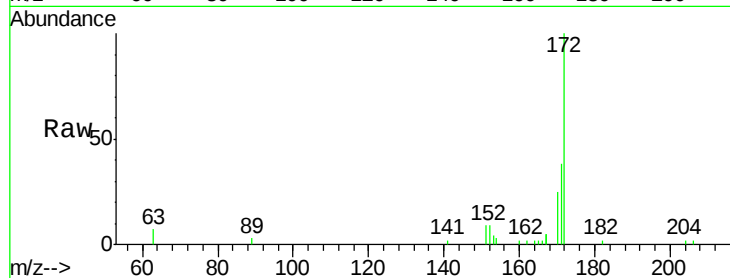
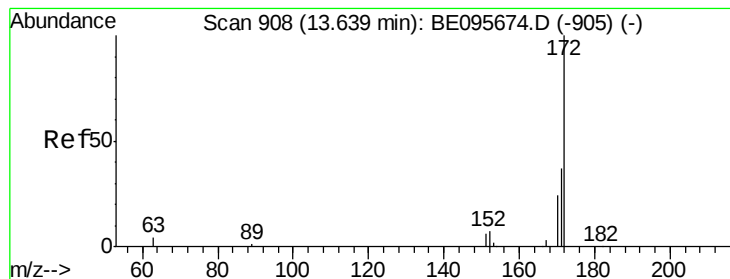
Tot Ion:164 Resp: 2249
 Ion Ratio Lower Upper
 164 100
 162 108.9 83.1 124.7
 160 49.6 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.32 ng
 RT: 16.47 min Scan# 1096
 Delta R.T. -0.00 min
 Lab File: BE095685.D
 Acq: 23 Feb 2018 16:18

Tgt Ion:330 Resp: 218
 Ion Ratio Lower Upper
 330 100
 332 104.1 152.7 229.1#
 141 46.3 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.36 ng

RT: 13.64 min Scan# 908

Delta R.T. -0.00 min

Lab File: BE095685.D

Acq: 23 Feb 2018 16:18

Instrument :

BNA_E

ClientSampleId :

PB106752BL

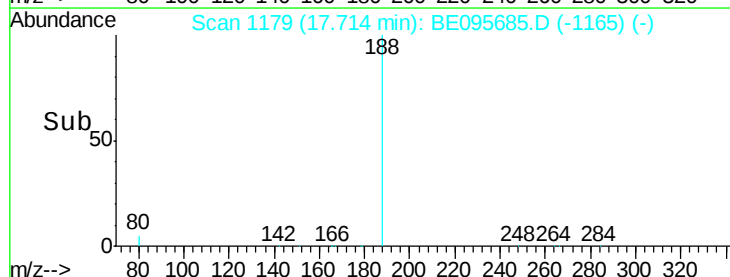
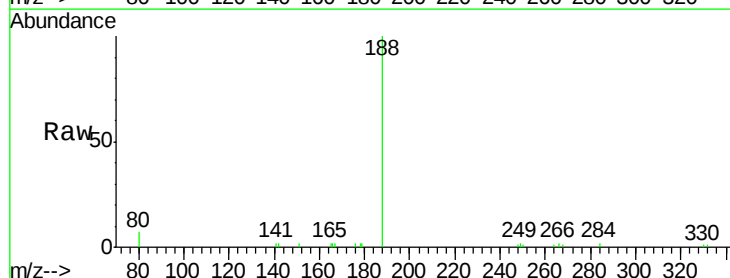
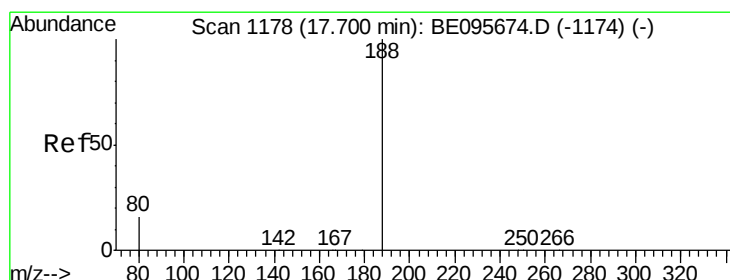
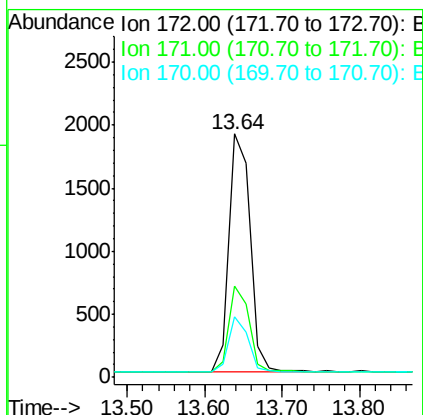
Tot Ion:172 Resp: 3575

Ion Ratio Lower Upper

172 100

171 37.5 29.9 44.9

170 25.1 21.8 32.8



#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.71 min Scan# 1179

Delta R.T. 0.01 min

Lab File: BE095685.D

Acq: 23 Feb 2018 16:18

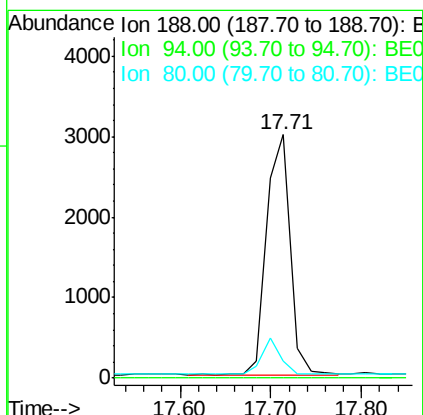
Tgt Ion:188 Resp: 5367

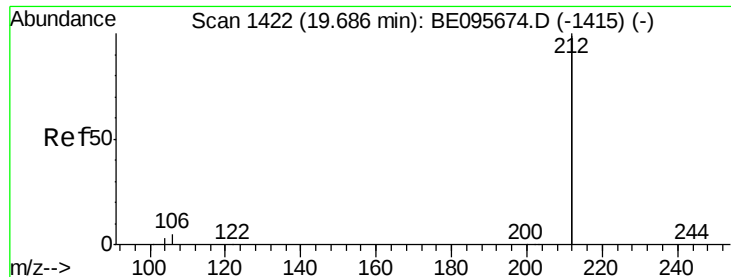
Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 6.9 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.36 ng

RT: 19.69 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BE095685.D

Acq: 23 Feb 2018 16:18

Instrument :

BNA_E

ClientSampleId :

PB106752BL

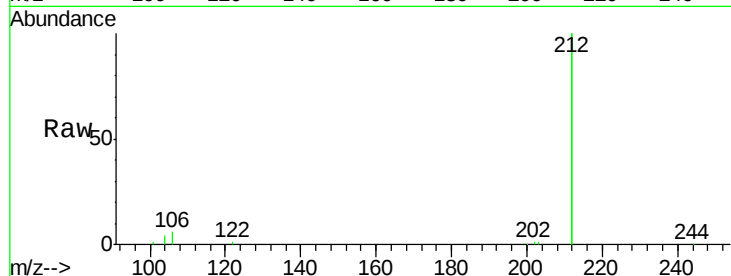
Tot Ion:212 Resp: 25069

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

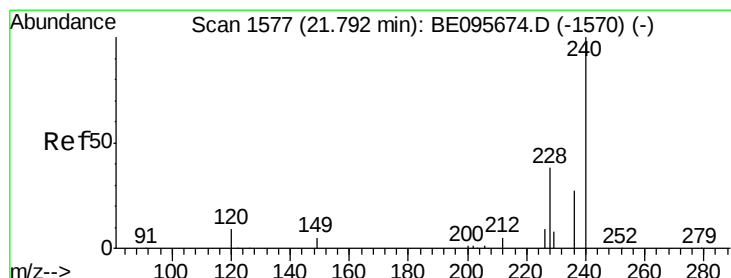
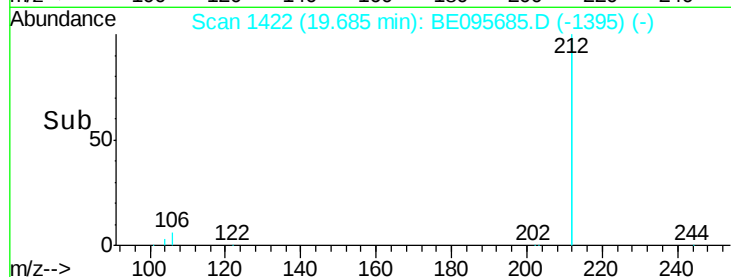
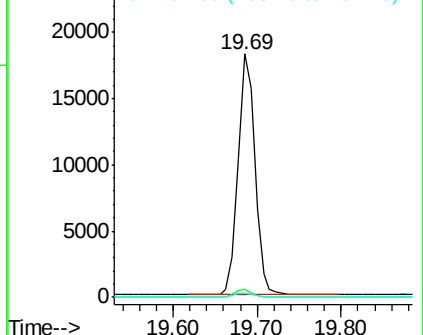
104 1.7 1.6 2.4



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: 0.40 ng

RT: 21.79 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BE095685.D

Acq: 23 Feb 2018 16:18

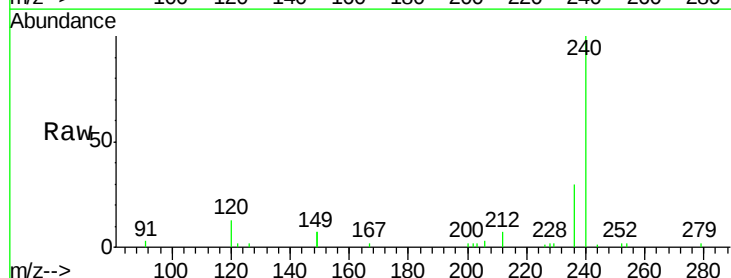
Tgt Ion:240 Resp: 5483

Ion Ratio Lower Upper

240 100

120 12.5 5.5 8.3#

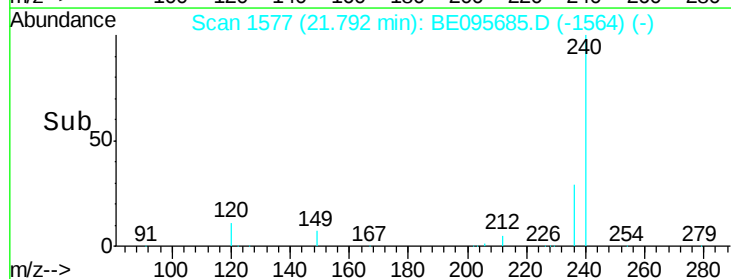
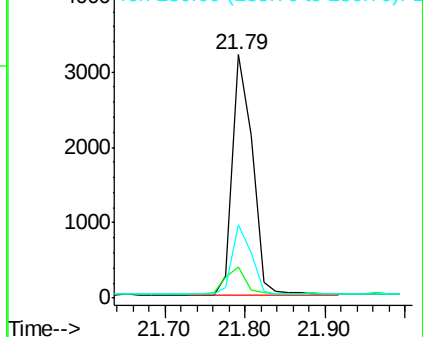
236 30.3 20.7 31.1

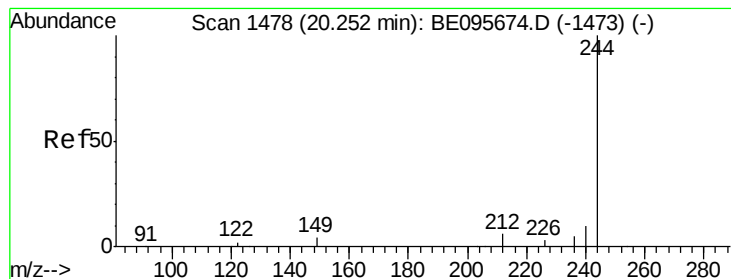


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.35 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095685.D

Acq: 23 Feb 2018 16:18

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PB106752BL

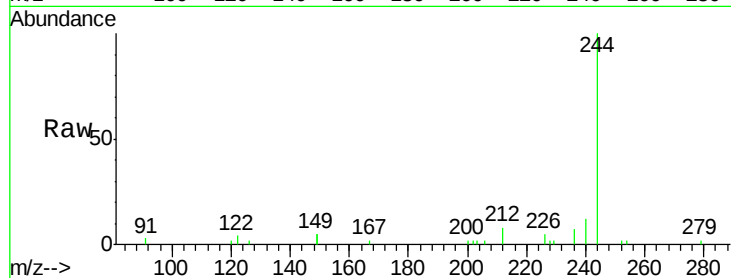
Tot Ion:244 Resp: 3810

Ion Ratio Lower Upper

244 100

212 7.9 25.4 38.0#

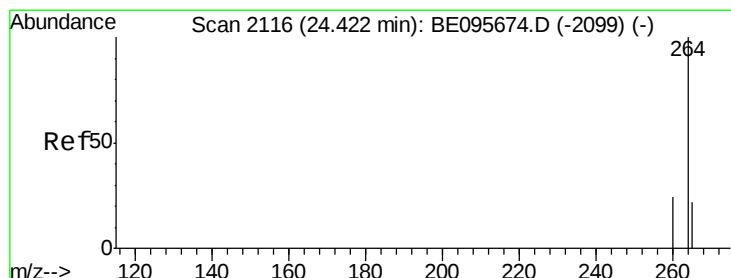
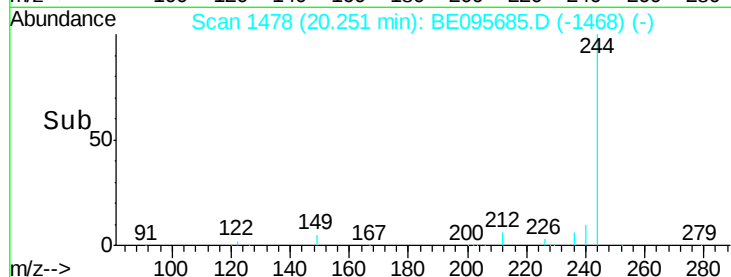
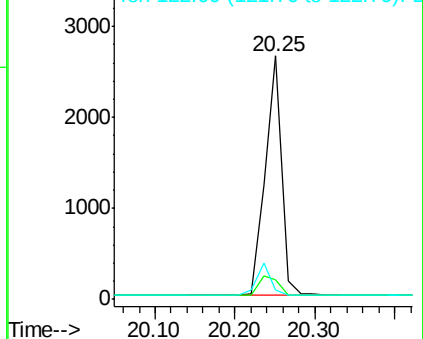
122 3.9 8.1 12.1#



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: 0.40 ng

RT: 24.43 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BE095685.D

Acq: 23 Feb 2018 16:18

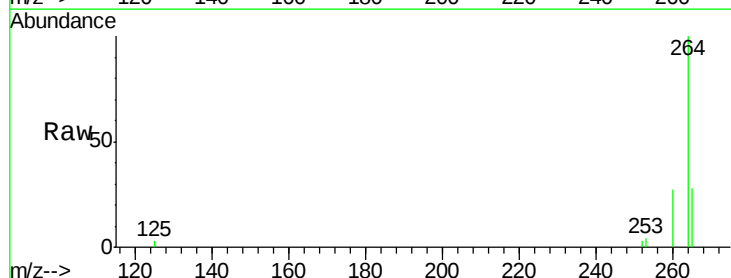
Tgt Ion:264 Resp: 5104

Ion Ratio Lower Upper

264 100

260 26.6 20.5 30.7

265 27.8 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

