

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE012318\
 Data File : BE095100.D
 Acq On : 23 Jan 2018 16:50
 Operator : SJ/JU
 Sample : PB105797BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB105797BL

Quant Time: Jan 24 01:44:08 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 15:47:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6076	0.40	ng	0.00
7) Naphthalene-d8	11.31	136	12203	0.40	ng	0.00
13) Acenaphthene-d10	15.03	164	5849	0.40	ng	0.00
19) Phenanthrene-d10	17.74	188	15084	0.40	ng	0.00
27) Chrysene-d12	21.84	240	14688	0.40	ng	0.00
34) Perylene-d12	24.49	264	12580	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.94	112	2914	0.30	ng	0.00
5) Phenol-d6	7.58	99	4074	0.27	ng	0.00
8) Nitrobenzene-d5	9.63	82	3985	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.84	152	6972	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.50	330	323	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.68	172	11222	0.44	ng	0.00
25) Fluoranthene-d10	19.72	212	65002	0.34	ng	0.00
29) Terphenyl-d14	20.28	244	11758	0.39	ng	0.00

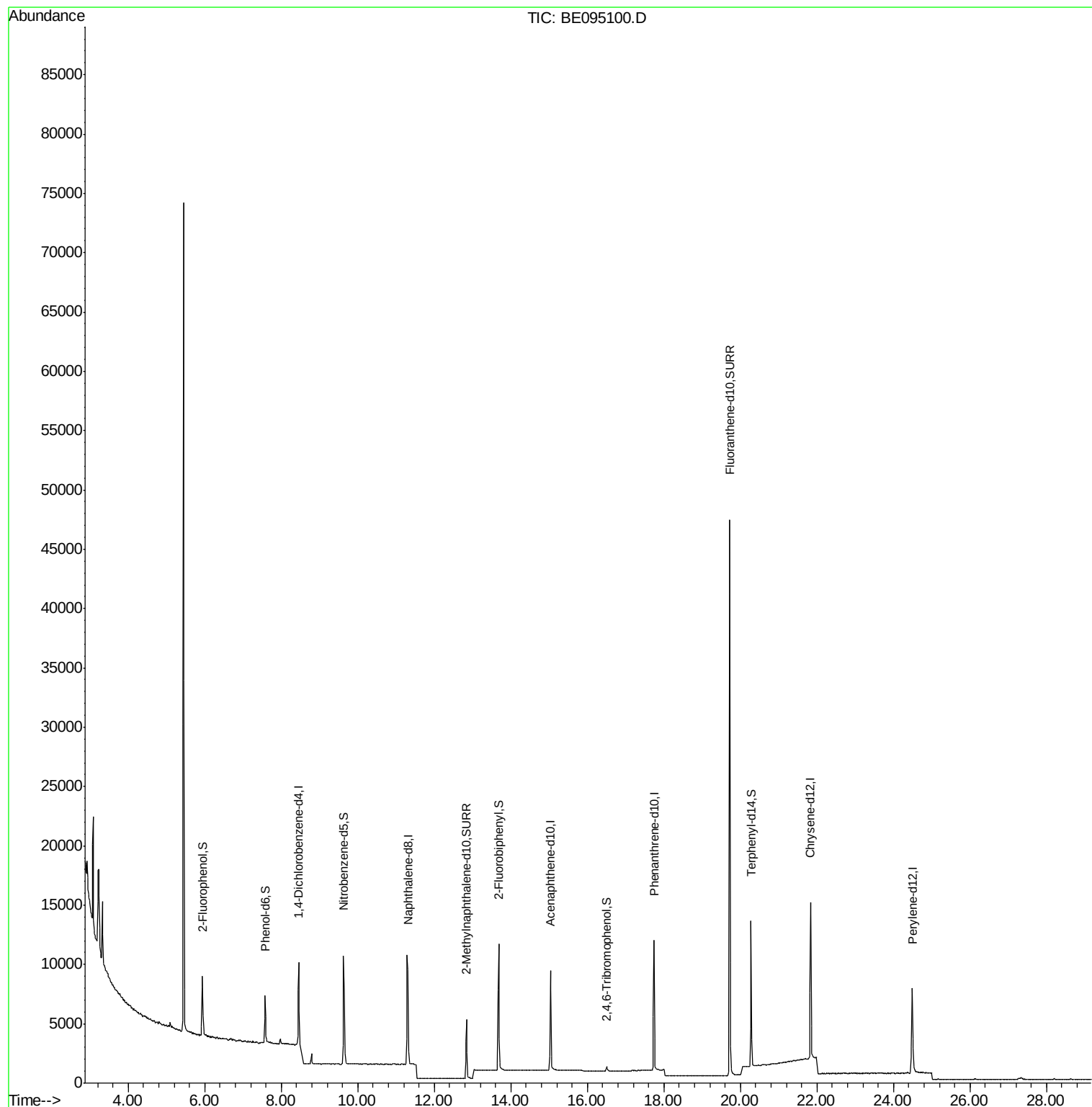
Target Compounds	Qvalue
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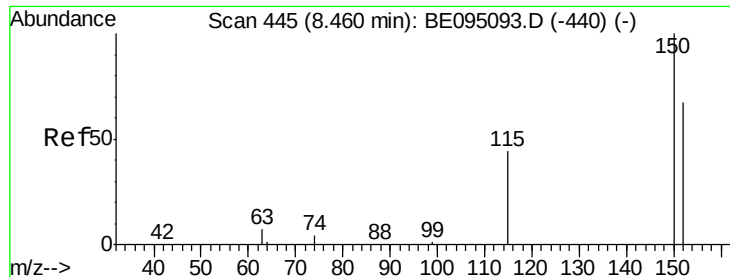
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. 0.00 min

Lab File: BE095100.D

Acq: 23 Jan 2018 16:50

Instrument :

BNA_E

ClientSampleId :

PB105797BL

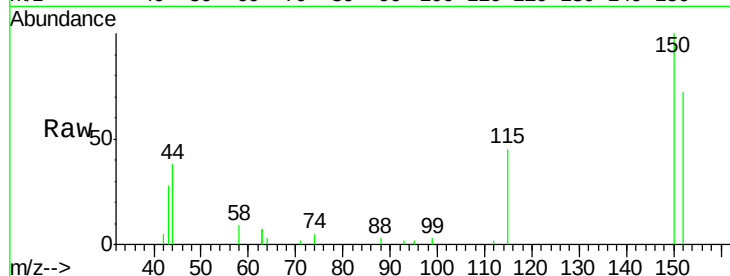
Tgt Ion:152 Resp: 6076

Ion Ratio Lower Upper

152 100

150 138.5 117.2 175.8

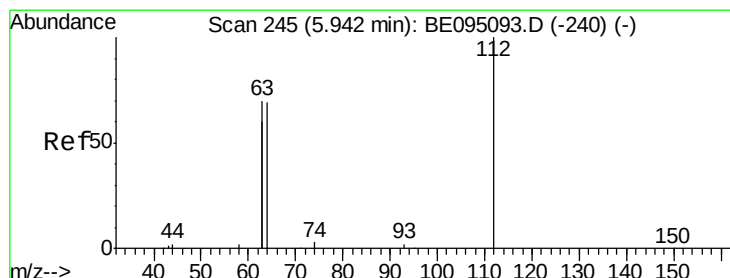
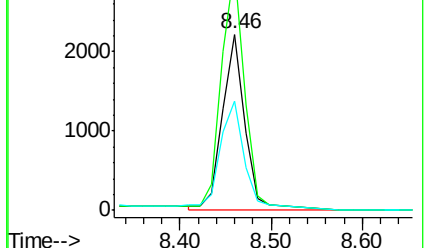
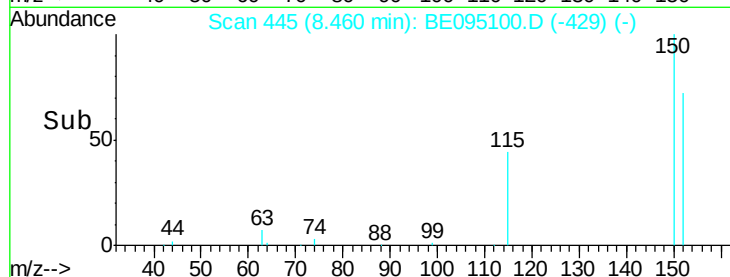
115 62.2 57.0 85.6



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: 0.296 ng

RT: 5.94 min Scan# 245

Delta R.T. 0.00 min

Lab File: BE095100.D

Acq: 23 Jan 2018 16:50

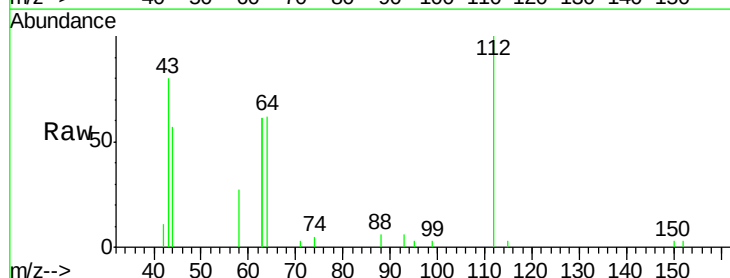
Tgt Ion:112 Resp: 2914

Ion Ratio Lower Upper

112 100

64 70.3 60.1 90.1

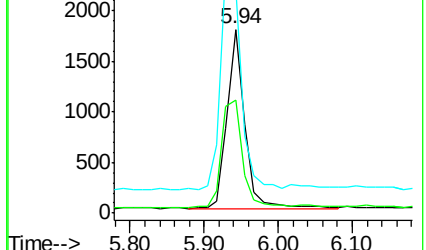
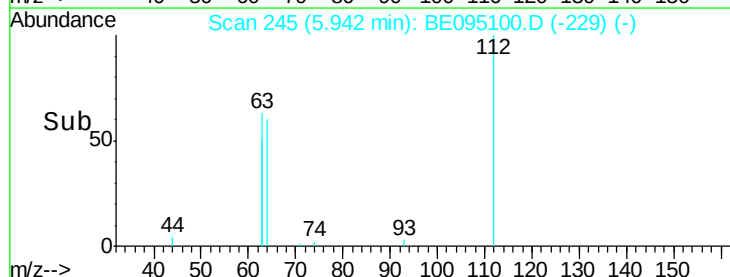
63 140.4 116.8 175.2

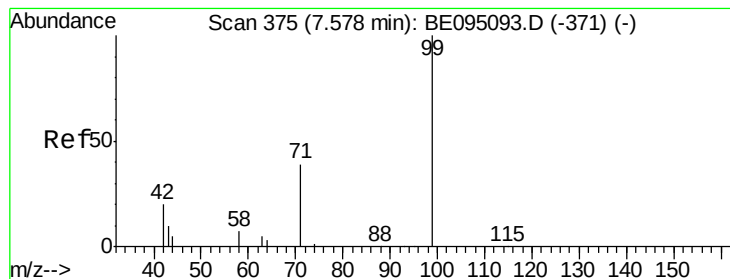


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.273 ng

RT: 7.58 min Scan# 375

Delta R.T. 0.00 min

Lab File: BE095100.D

Acq: 23 Jan 2018 16:50

Instrument :

BNA_E

ClientSampleId :

PB105797BL

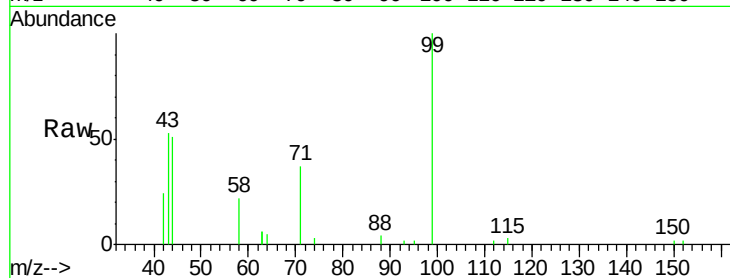
Tgt Ion: 99 Resp: 4074

Ion Ratio Lower Upper

99 100

42 21.0 20.2 30.2

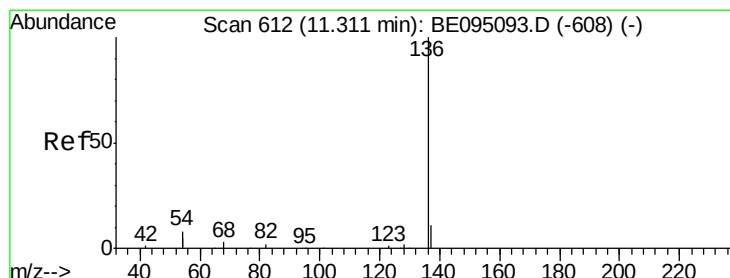
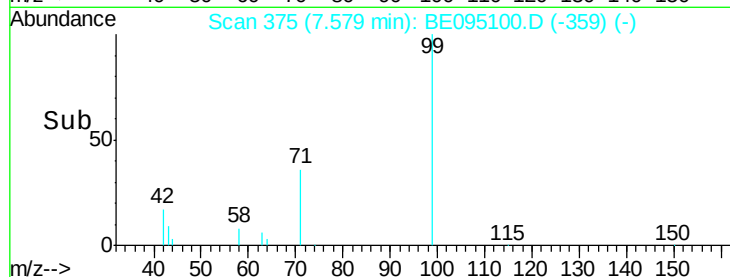
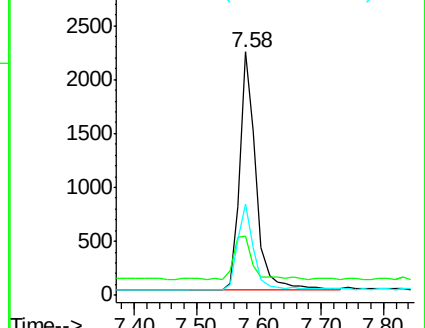
71 36.8 28.4 42.6



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: 0.400 ng

RT: 11.31 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE095100.D

Acq: 23 Jan 2018 16:50

Tgt Ion: 136 Resp: 12203

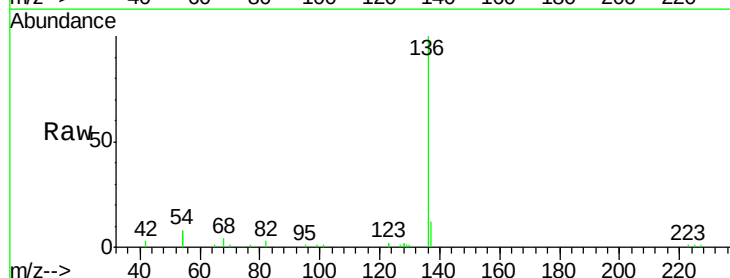
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 16.6 29.1 43.7#

68 4.5 6.2 9.2#

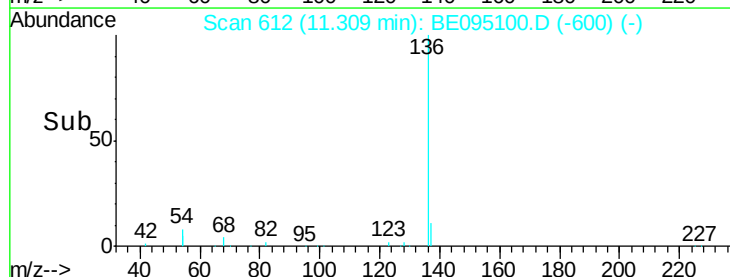
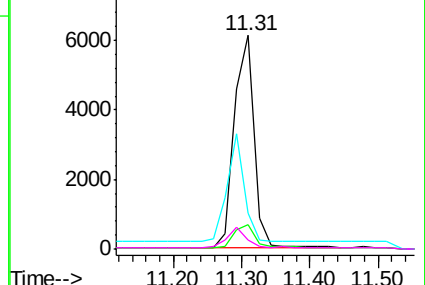


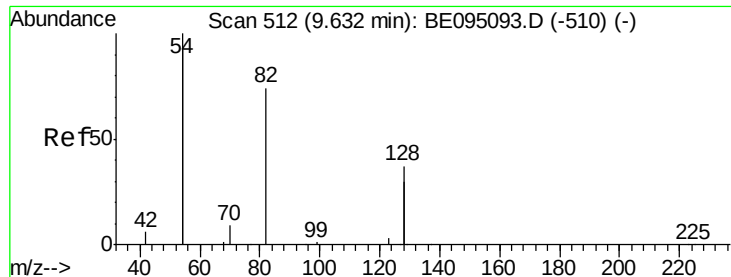
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.359 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE095100.D

Acq: 23 Jan 2018 16:50

Instrument :

BNA_E

ClientSampleId :

PB105797BL

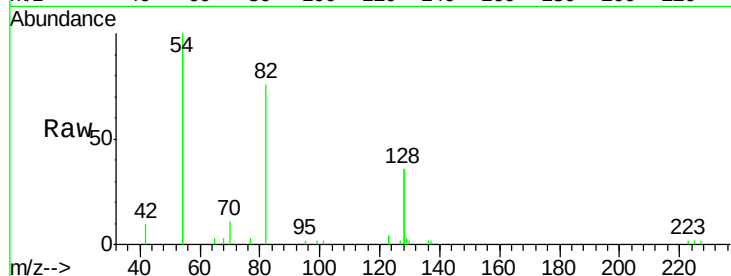
Tgt Ion: 82 Resp: 3985

Ion Ratio Lower Upper

82 100

128 94.1 150.0 225.0#

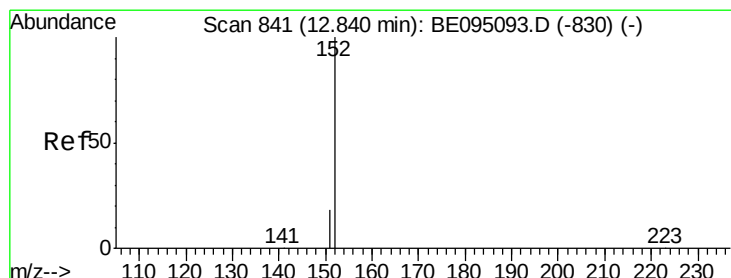
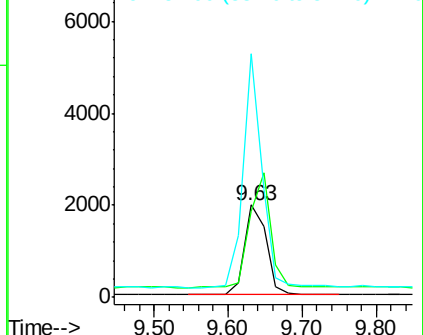
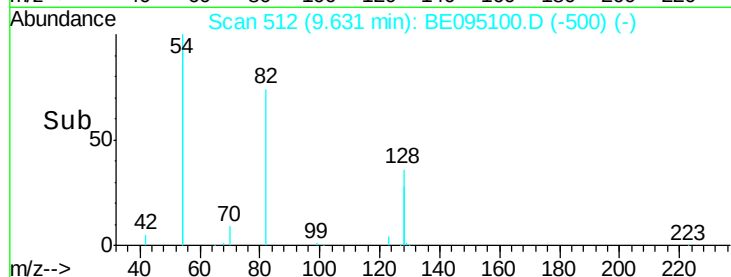
54 264.1 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE095100.D (-500) (-)

Ion 128.00 (127.70 to 128.70): BE095100.D (-500) (-)

Ion 54.00 (53.70 to 54.70): BE095100.D (-500) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.344 ng

RT: 12.84 min Scan# 841

Delta R.T. 0.00 min

Lab File: BE095100.D

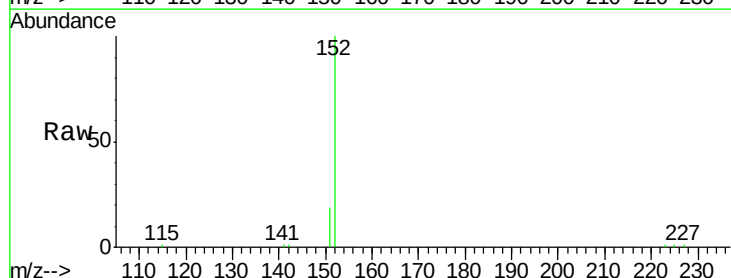
Acq: 23 Jan 2018 16:50

Tgt Ion: 152 Resp: 6972

Ion Ratio Lower Upper

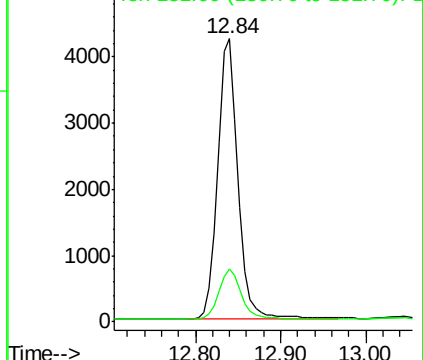
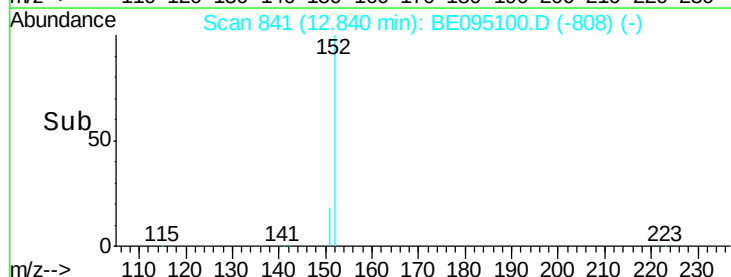
152 100

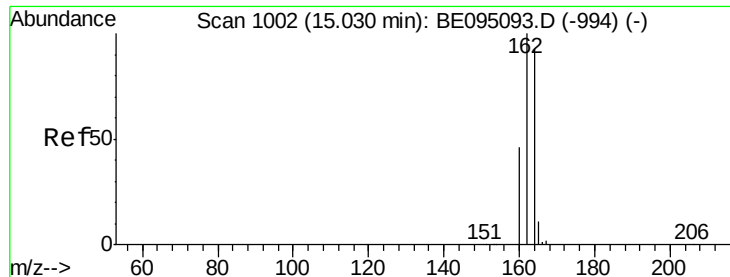
151 19.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095100.D (-808) (-)

Ion 151.00 (150.70 to 151.70): BE095100.D (-808) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE095100.D

Acq: 23 Jan 2018 16:50

Instrument :

BNA_E

ClientSampleId :

PB105797BL

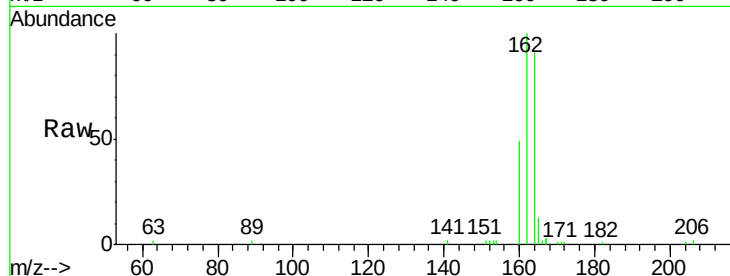
Tgt Ion:164 Resp: 5849

Ion Ratio Lower Upper

164 100

162 110.3 83.1 124.7

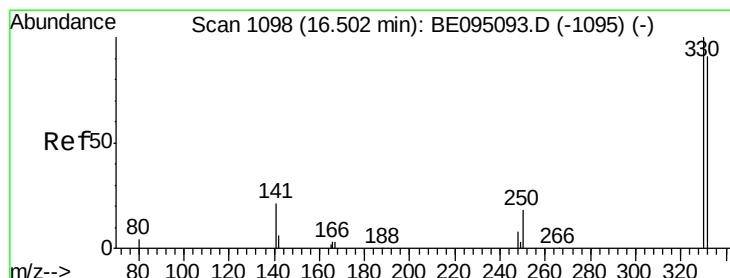
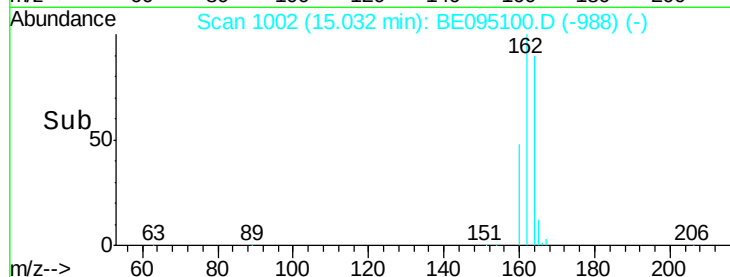
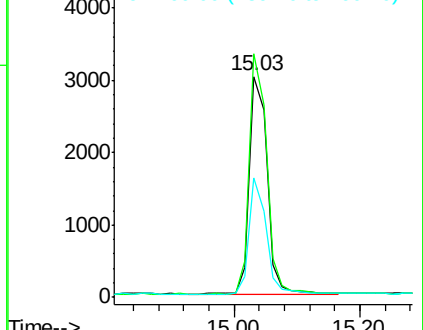
160 53.8 37.1 55.7



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: 0.259 ng

RT: 16.50 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BE095100.D

Acq: 23 Jan 2018 16:50

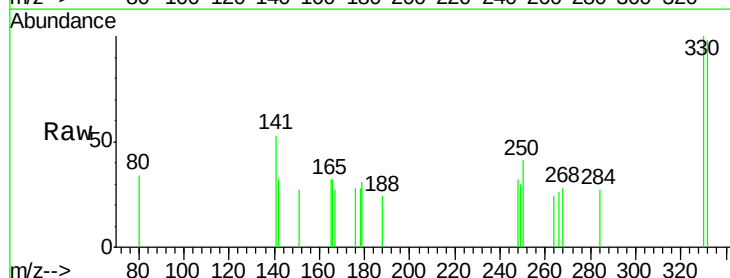
Tgt Ion:330 Resp: 323

Ion Ratio Lower Upper

330 100

332 103.1 152.7 229.1#

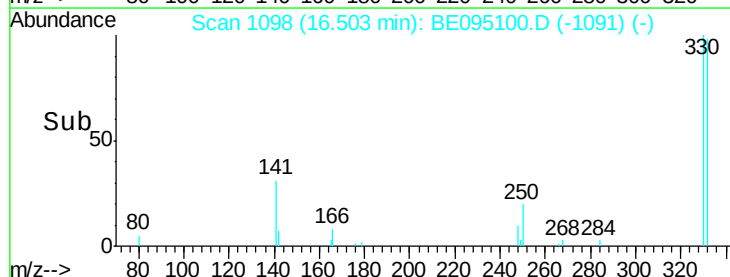
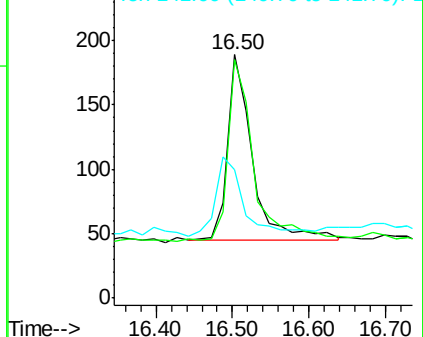
141 48.6 33.7 50.5

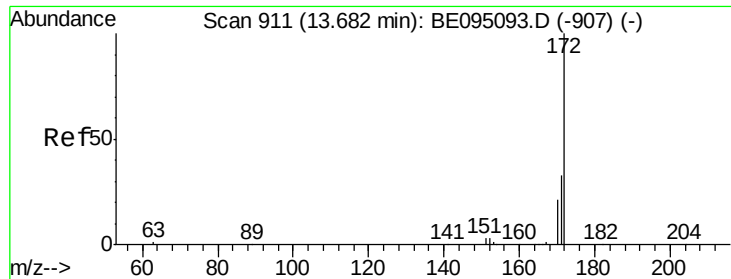


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

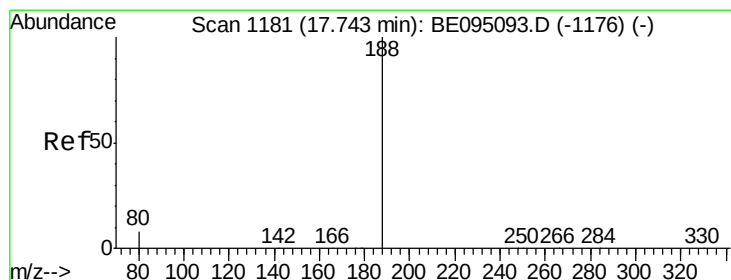
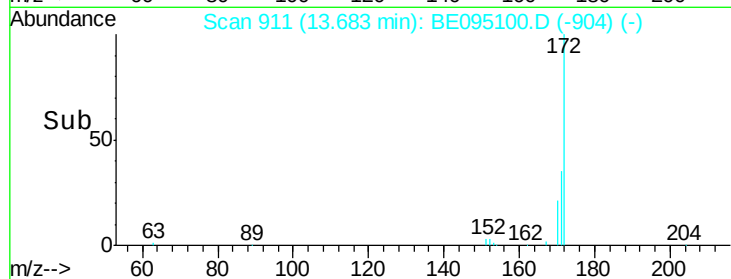
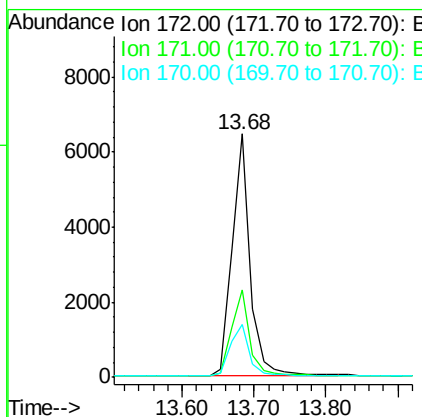
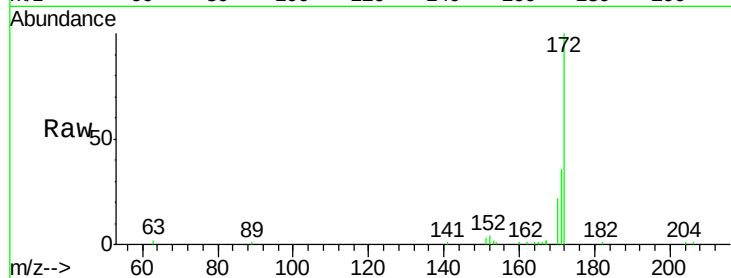




#15
2-Fluorobiphenyl
Concen: 0.437 ng
RT: 13.68 min Scan# 911
Delta R.T. 0.00 min
Lab File: BE095100.D
Acq: 23 Jan 2018 16:50

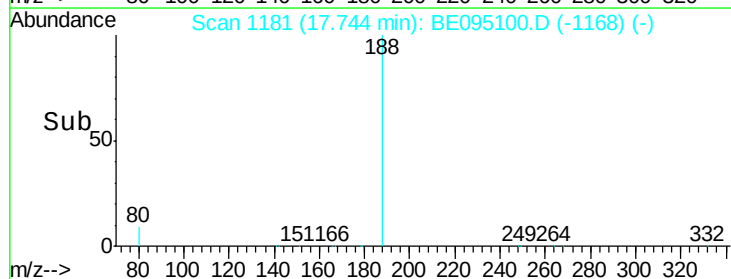
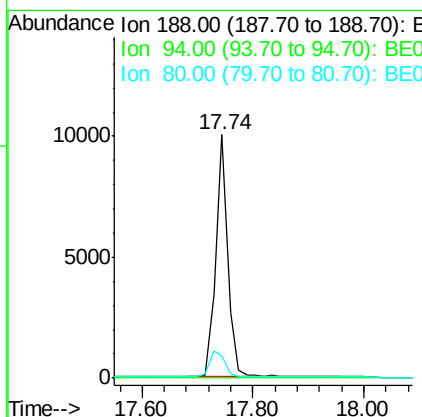
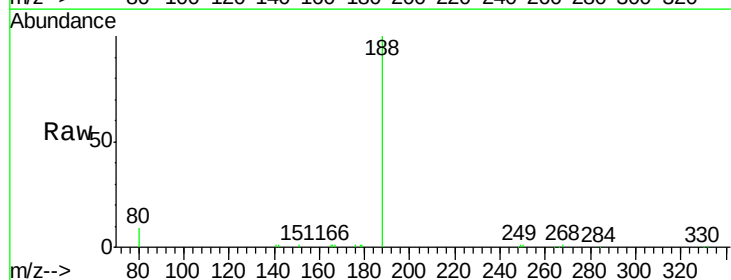
Instrument :
BNA_E
ClientSampleId :
PB105797BL

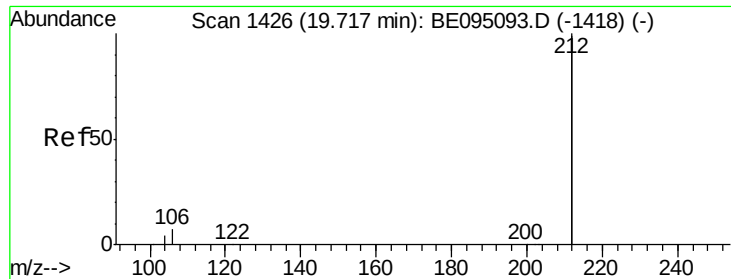
Tgt Ion:172 Resp: 11222
Ion Ratio Lower Upper
172 100
171 35.7 29.9 44.9
170 21.9 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BE095100.D
Acq: 23 Jan 2018 16:50

Tgt Ion:188 Resp: 15084
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 9.4 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.343 ng

RT: 19.72 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BE095100.D

Acq: 23 Jan 2018 16:50

Instrument :

BNA_E

ClientSampleId :

PB105797BL

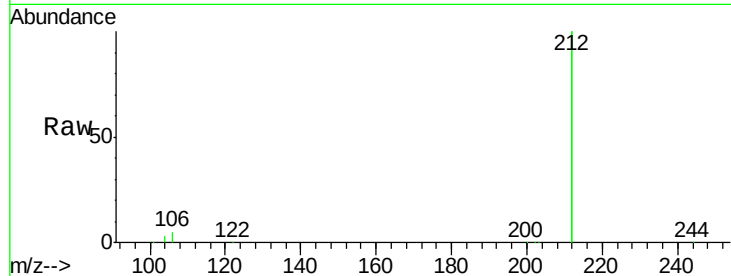
Tgt Ion:212 Resp: 65002

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

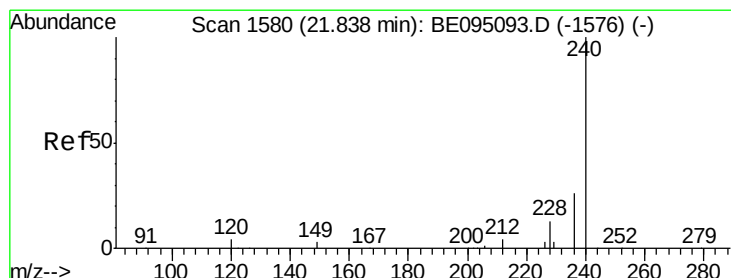
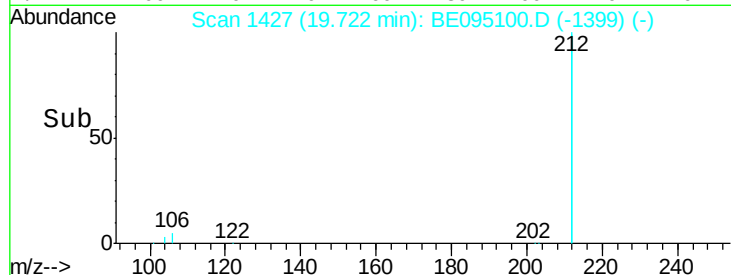
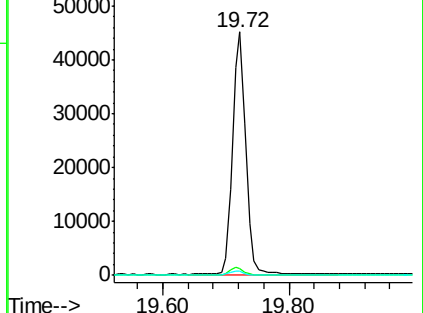
104 1.7 1.6 2.4



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: 0.400 ng

RT: 21.84 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BE095100.D

Acq: 23 Jan 2018 16:50

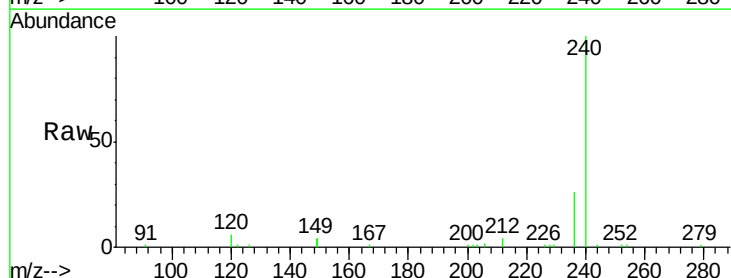
Tgt Ion:240 Resp: 14688

Ion Ratio Lower Upper

240 100

120 5.9 5.5 8.3

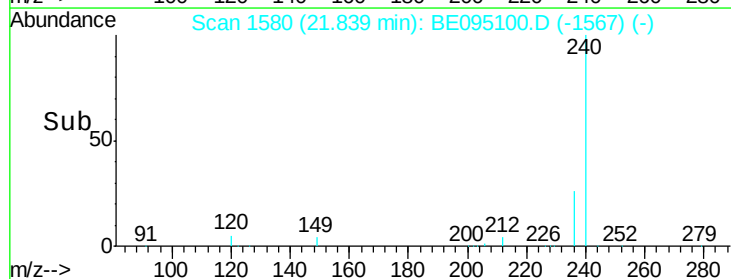
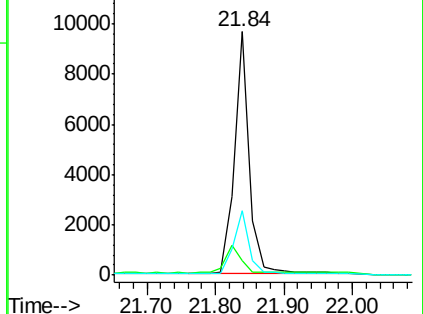
236 26.4 20.7 31.1

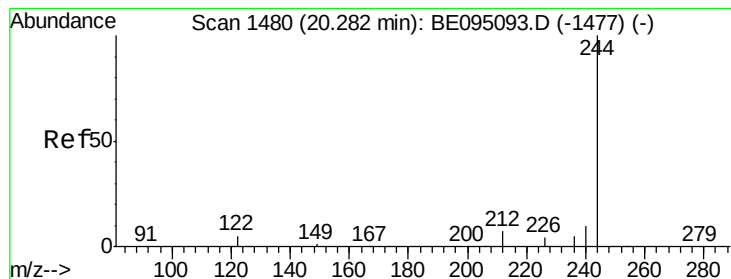


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.391 ng

RT: 20.28 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE095100.D

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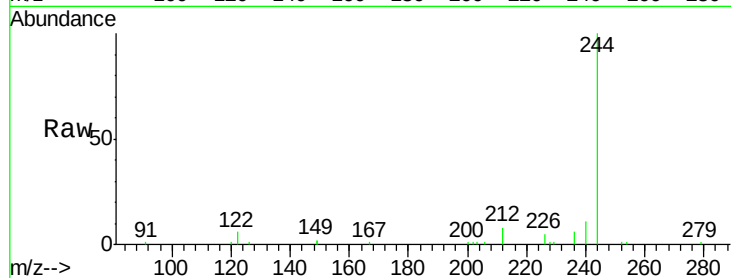
Tgt Ion:244 Resp: 11758

Ion Ratio Lower Upper

244 100

212 7.9 25.4 38.0#

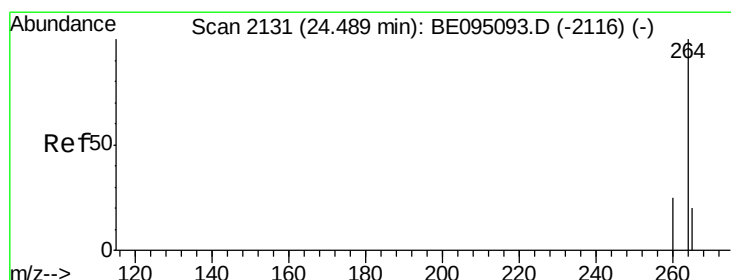
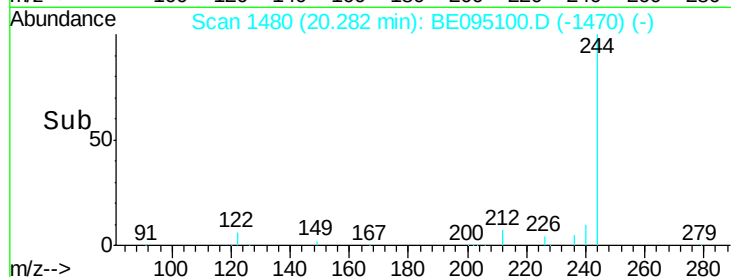
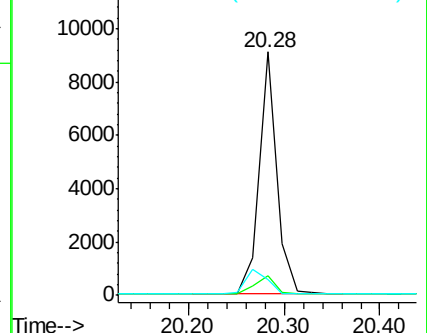
122 6.3 8.1 12.1#



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: 24.49 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BE095100.D

Acq: 23 Jan 2018 16:50

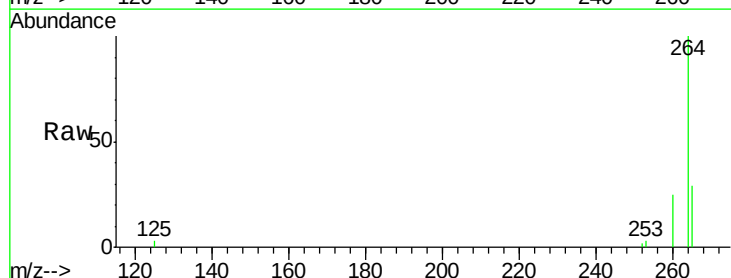
Tgt Ion:264 Resp: 12580

Ion Ratio Lower Upper

264 100

260 25.3 20.5 30.7

265 29.4 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

