

Data Path : U:\HPCHEM1\BNA E\DATA\BE012518\
 Data File : BE095110.D
 Acq On : 25 Jan 2018 11:16
 Operator : SJ/JU
 Sample : PB105932BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB105932BL

Quant Time: Jan 25 19:31:30 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	6386	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	13201	0.40	ng	-0.02
13) Acenaphthene-d10	15.03	164	6865	0.40	ng	0.00
19) Phenanthrene-d10	17.74	188	16638	0.40	ng	0.00
27) Chrysene-d12	21.84	240	14772	0.40	ng	0.00
34) Perylene-d12	24.48	264	12083	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	2887	0.28	ng	0.00
5) Phenol-d6	7.58	99	4001	0.26	ng	0.00
8) Nitrobenzene-d5	9.63	82	3828	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.83	152	6820	0.31	ng	0.00
14) 2,4,6-Tribromophenol	16.50	330	322	0.23	ng	0.00
15) 2-Fluorobiphenyl	13.68	172	11320	0.38	ng	0.00
25) Fluoranthene-d10	19.72	212	65593	0.31	ng	0.00
29) Terphenyl-d14	20.28	244	11858	0.39	ng	0.00

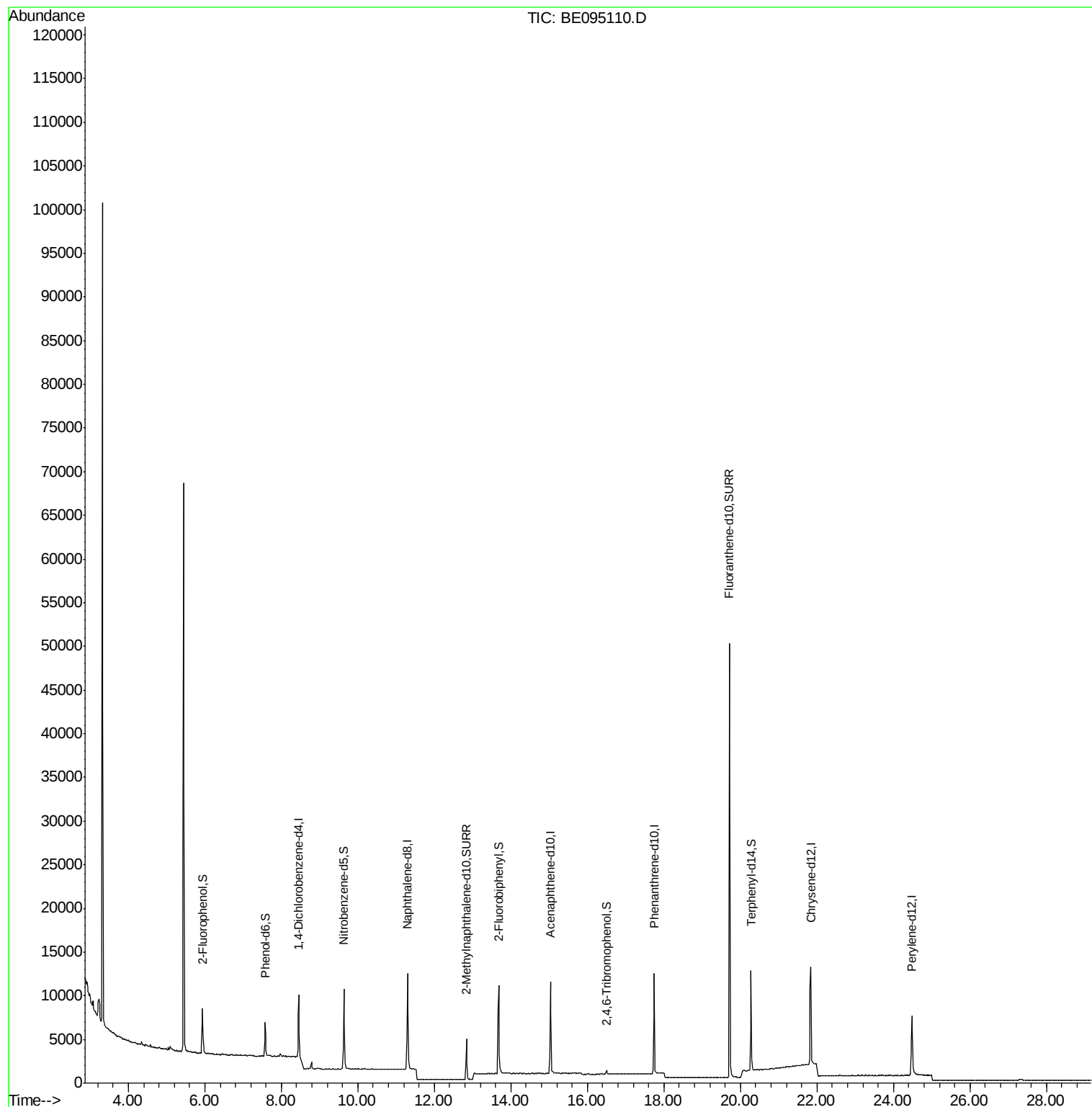
Target Compounds	Qvalue
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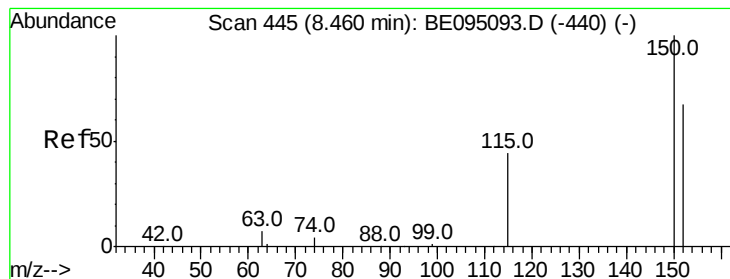
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE095110.D

Acq: 25 Jan 2018 11:16

Instrument :

BNA_E

ClientSampleId :

PB105932BL

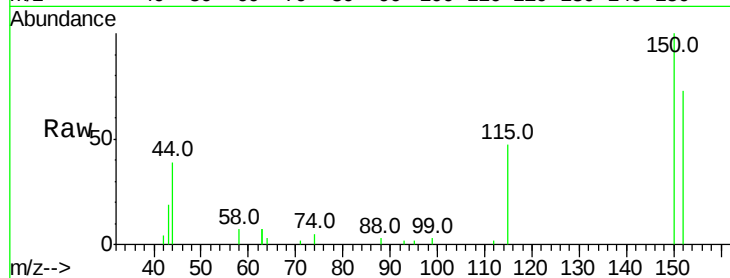
Tot Ion:152 Resp: 6386

Ion Ratio Lower Upper

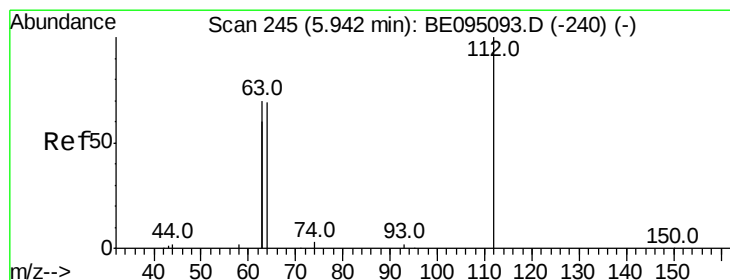
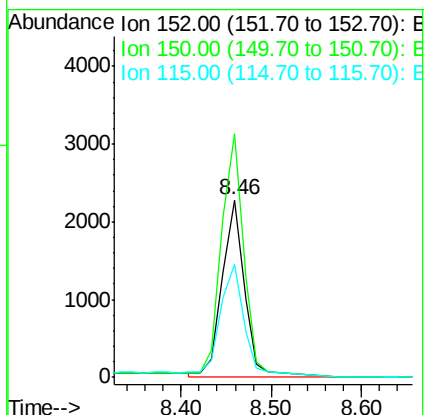
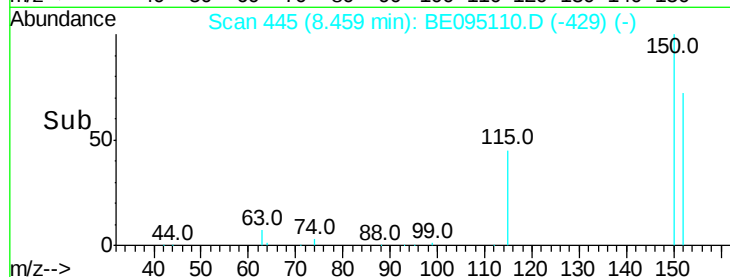
152 100

150 137.5 117.2 175.8

115 64.2 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: 0.279 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.00 min

Lab File: BE095110.D

Acq: 25 Jan 2018 11:16

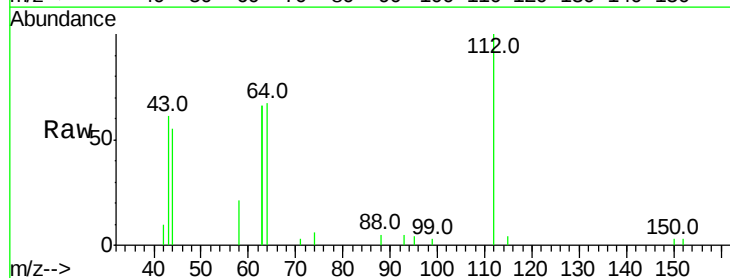
Tgt Ion:112 Resp: 2887

Ion Ratio Lower Upper

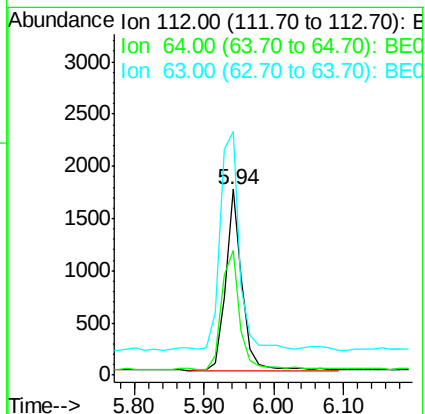
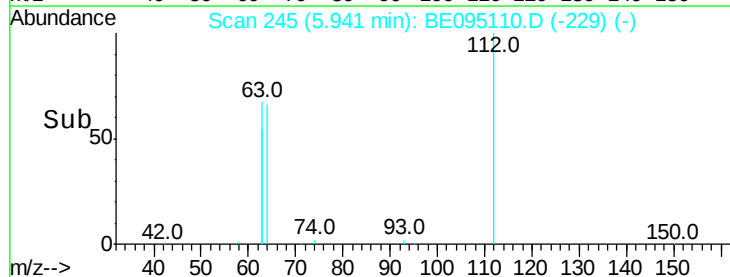
112 100

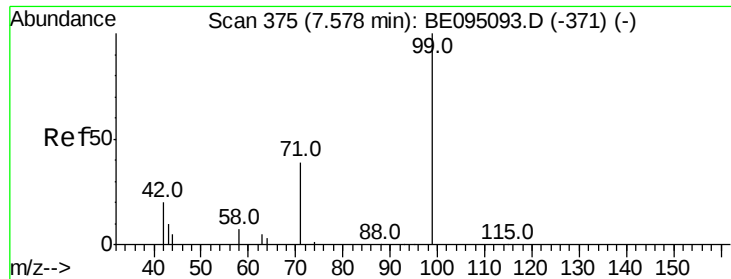
64 72.7 60.1 90.1

63 141.9 116.8 175.2



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: 0.255 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.00 min

Lab File: BE095110.D

Acq: 25 Jan 2018 11:16

Instrument :

BNA_E

ClientSampleId :

PB105932BL

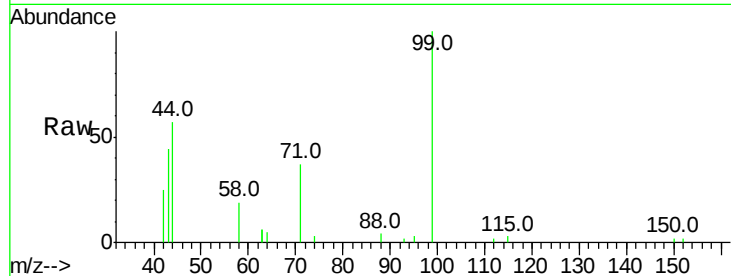
Tot Ion: 99 Resp: 4001

Ion Ratio Lower Upper

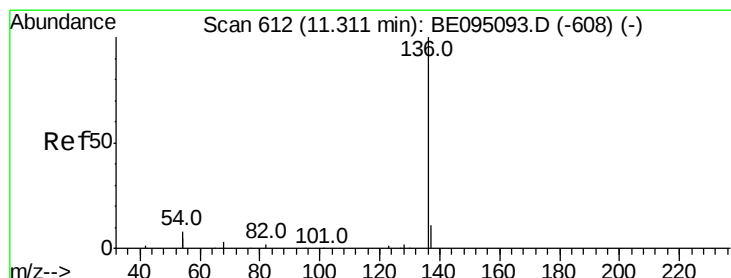
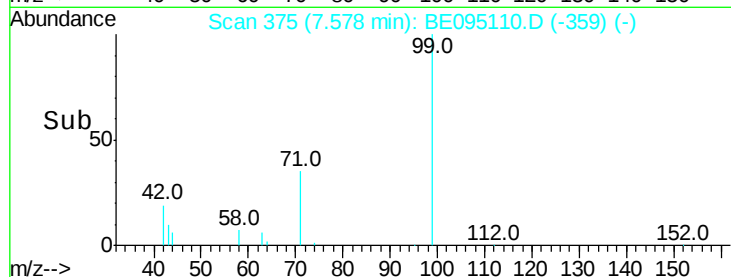
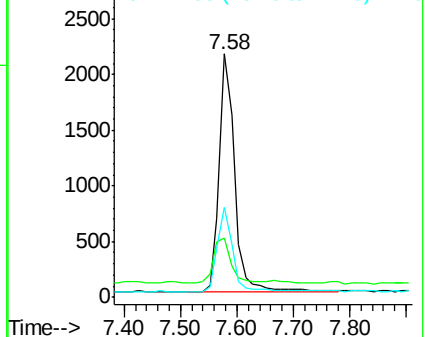
99 100

42 21.2 20.2 30.2

71 34.3 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: 11.29 min Scan# 611

Delta R.T. -0.02 min

Lab File: BE095110.D

Acq: 25 Jan 2018 11:16

Tgt Ion: 136 Resp: 13201

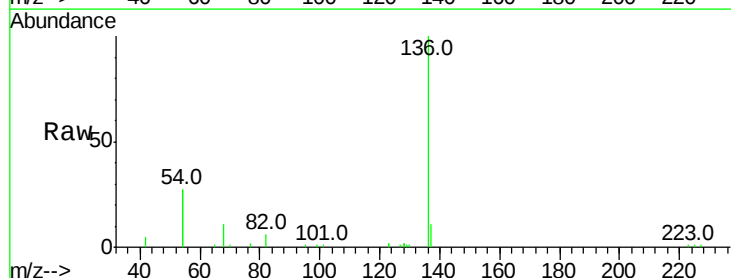
Ion Ratio Lower Upper

136 100

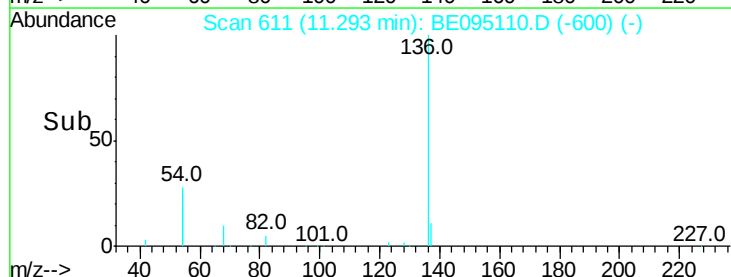
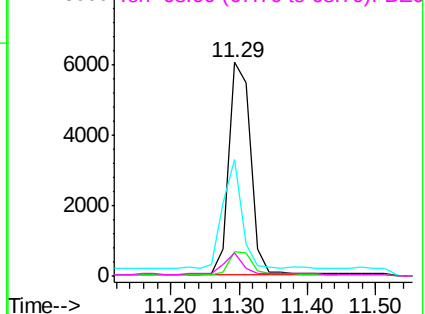
137 11.5 9.5 14.3

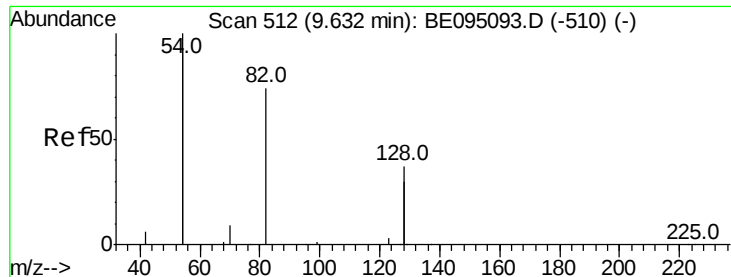
54 54.8 29.1 43.7#

68 10.8 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: 0.319 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE095110.D

Acq: 25 Jan 2018 11:16

Instrument :

BNA_E

ClientSampleId :

PB105932BL

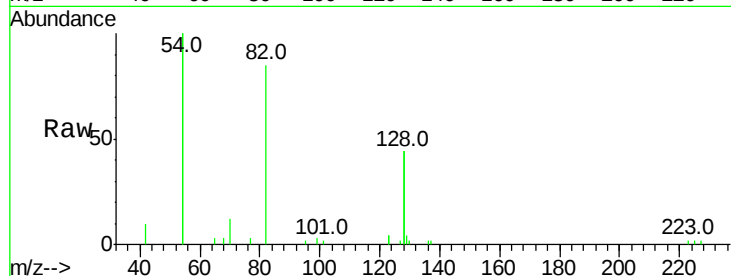
Tot Ion: 82 Resp: 3828

Ion Ratio Lower Upper

82 100

128 103.9 150.0 225.0#

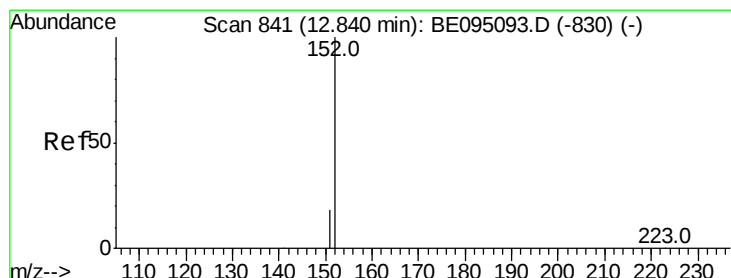
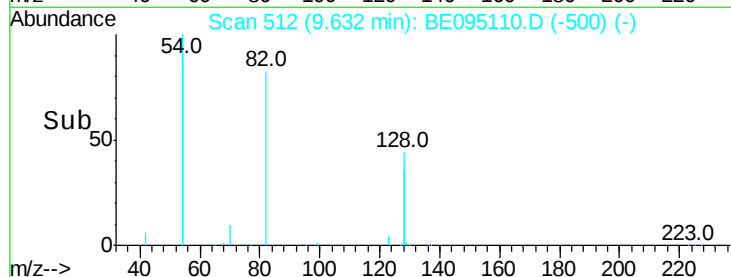
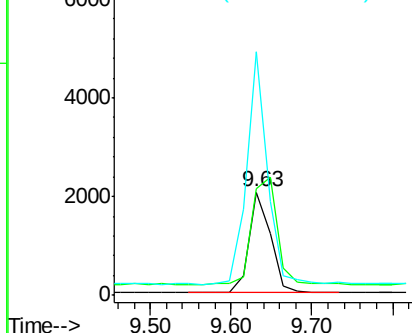
54 236.3 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE095110.D (-500) (-)

Ion 128.00 (127.70 to 128.70): BE095110.D (-500) (-)

Ion 54.00 (53.70 to 54.70): BE095110.D (-500) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.311 ng

RT: 12.83 min Scan# 840

Delta R.T. -0.01 min

Lab File: BE095110.D

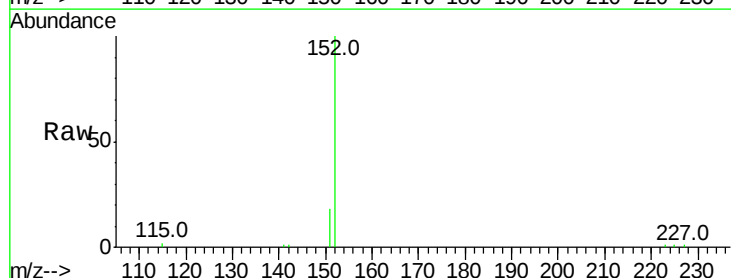
Acq: 25 Jan 2018 11:16

Tgt Ion: 152 Resp: 6820

Ion Ratio Lower Upper

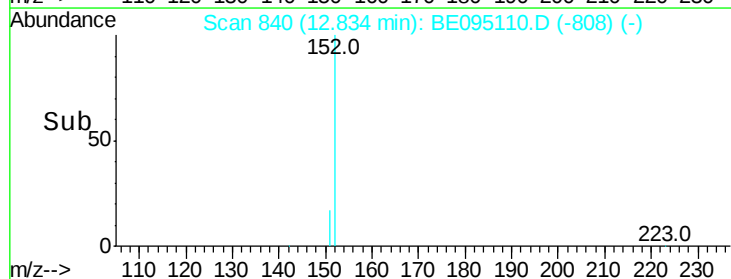
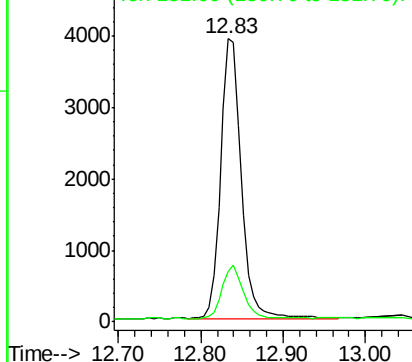
152 100

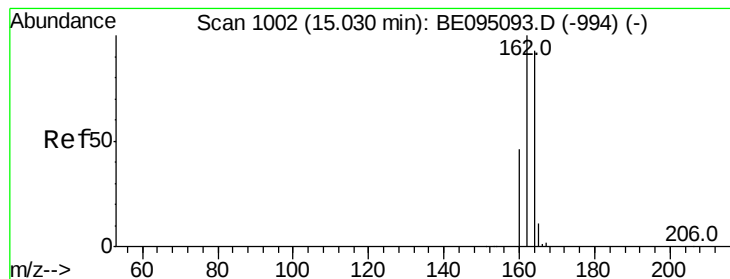
151 19.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095110.D (-808) (-)

Ion 151.00 (150.70 to 151.70): BE095110.D (-808) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE095110.D

Acq: 25 Jan 2018 11:16

Instrument :

BNA_E

ClientSampled :

PB105932BL

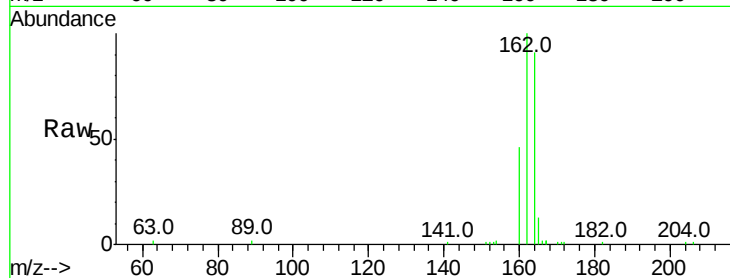
Tot Ion:164 Resp: 6865

Ion Ratio Lower Upper

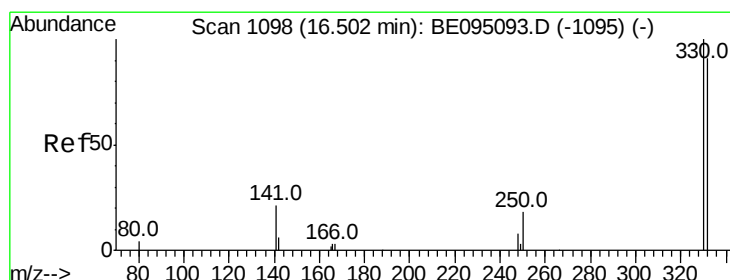
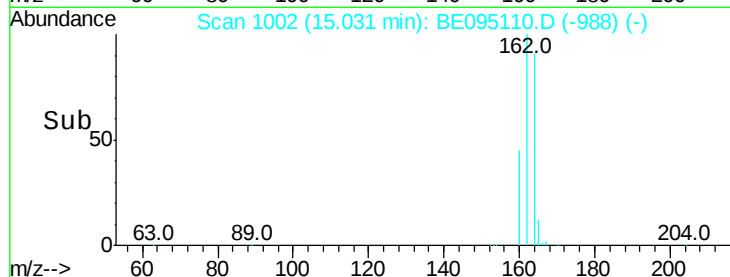
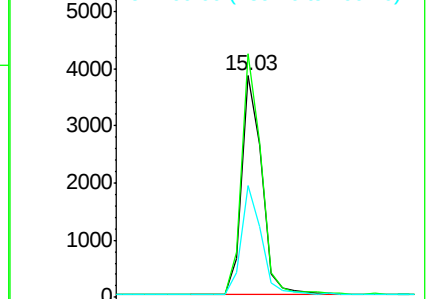
164 100

162 110.0 83.1 124.7

160 50.5 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: 0.235 ng

RT: 16.50 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BE095110.D

Acq: 25 Jan 2018 11:16

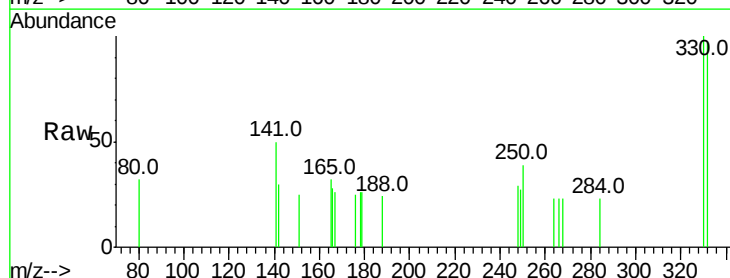
Tgt Ion:330 Resp: 322

Ion Ratio Lower Upper

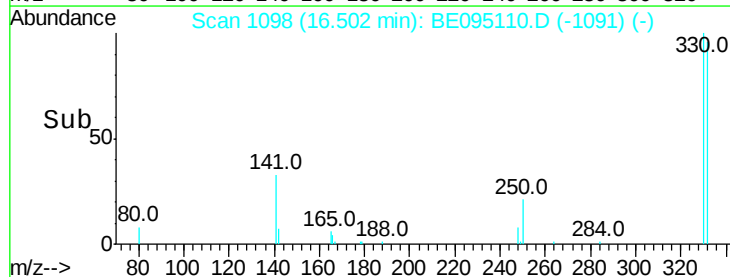
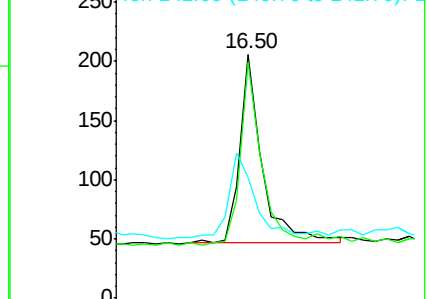
330 100

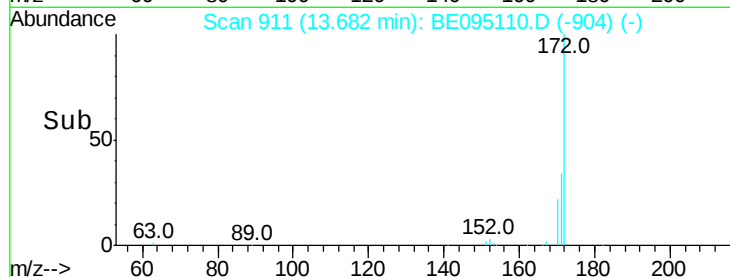
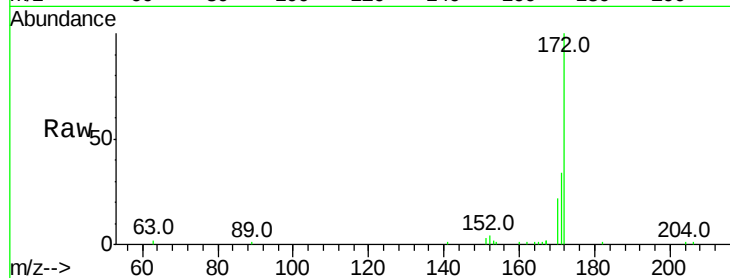
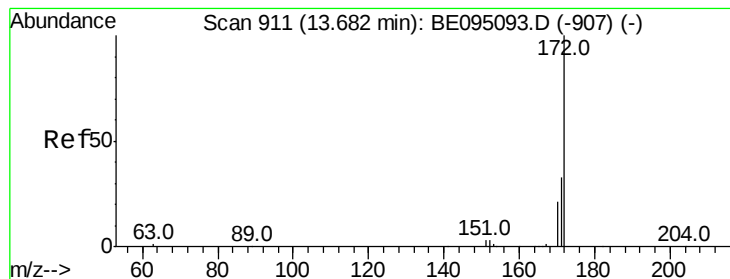
332 91.3 152.7 229.1#

141 53.1 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: 0.375 ng

RT: 13.68 min Scan# 911

Delta R.T. 0.00 min

Lab File: BE095110.D

Acq: 25 Jan 2018 11:16

Instrument :

BNA_E

ClientSampleId :

PB105932BL

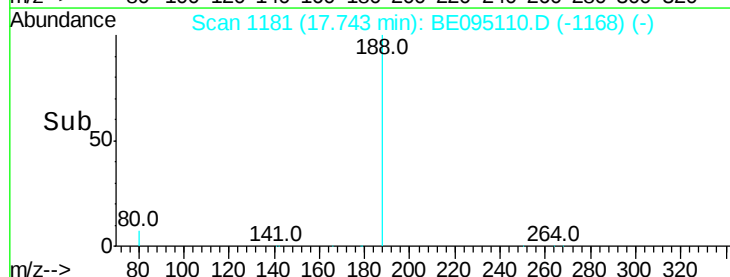
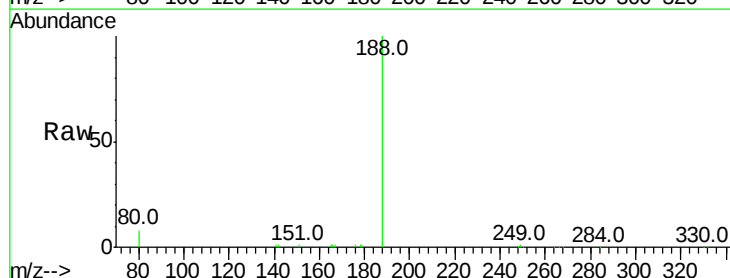
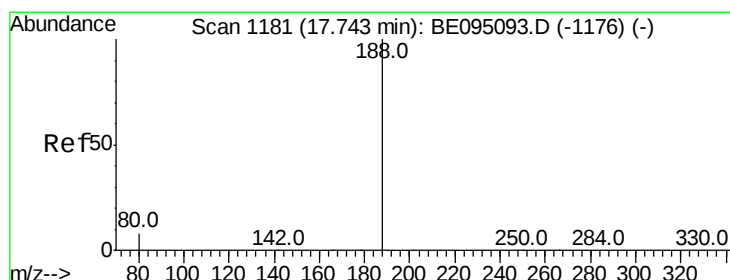
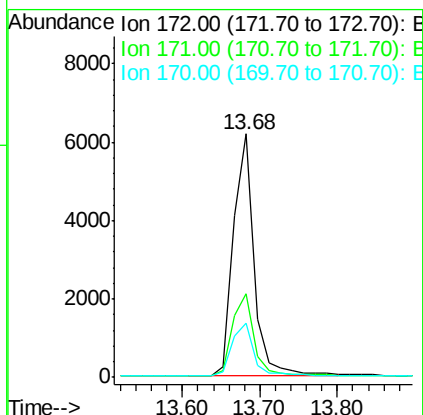
Tot Ion:172 Resp: 11320

Ion Ratio Lower Upper

172 100

171 34.1 29.9 44.9

170 22.2 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: BE095110.D

Acq: 25 Jan 2018 11:16

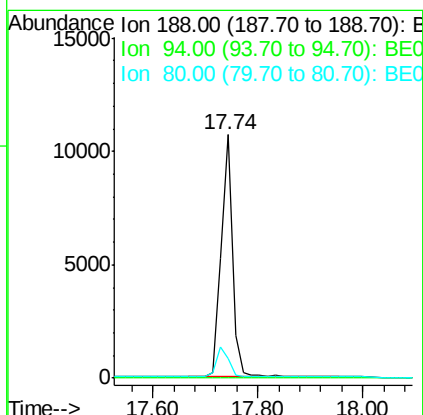
Tgt Ion:188 Resp: 16638

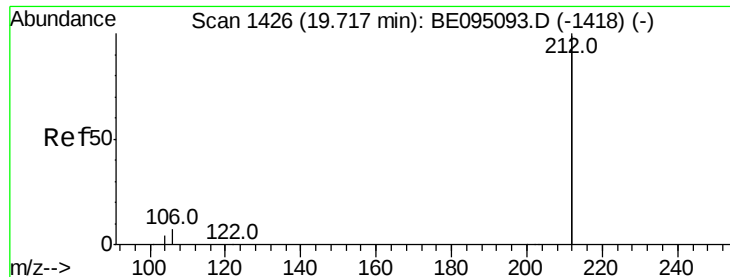
Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 7.9 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.313 ng

RT: 19.72 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BE095110.D

Acq: 25 Jan 2018 11:16

Instrument :

BNA_E

ClientSampleId :

PB105932BL

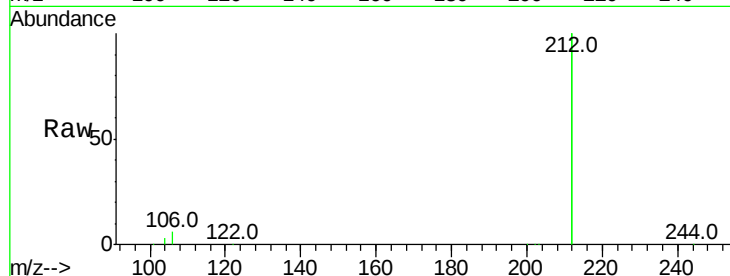
Tot Ion:212 Resp: 65593

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

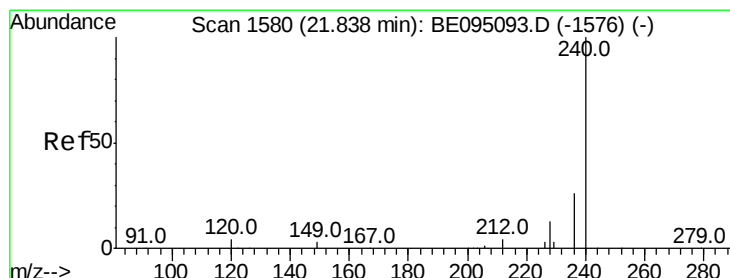
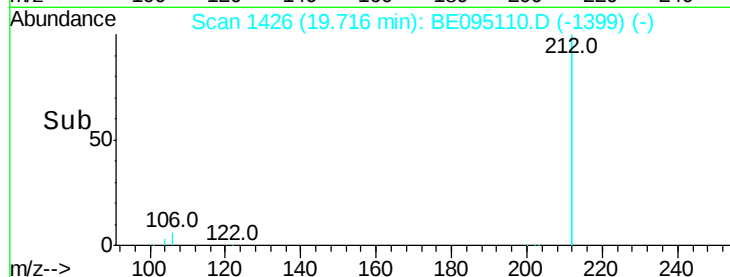
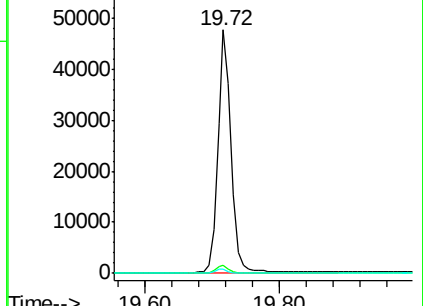
104 1.7 1.6 2.4



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: BE095110.D

Acq: 25 Jan 2018 11:16

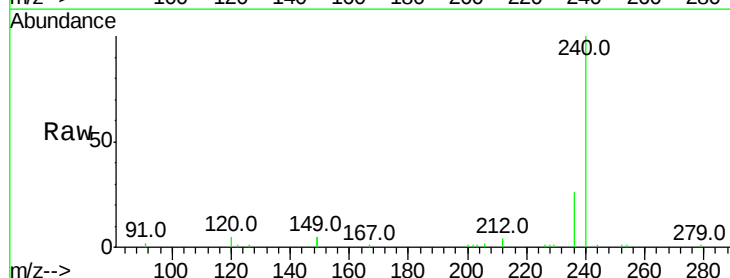
Tgt Ion:240 Resp: 14772

Ion Ratio Lower Upper

240 100

120 4.5 5.5 8.3#

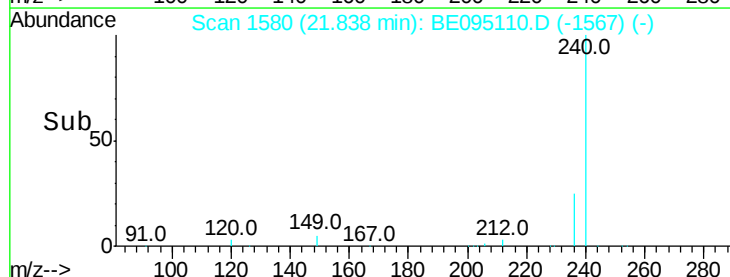
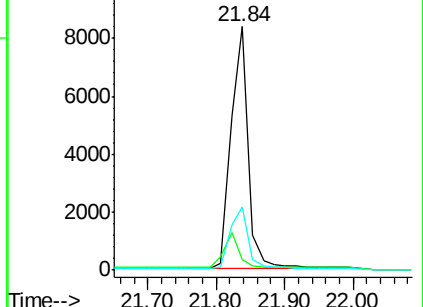
236 25.8 20.7 31.1

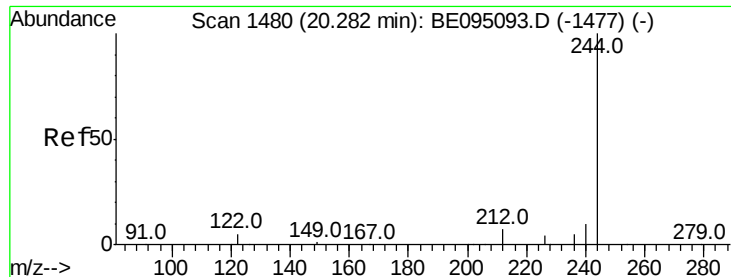


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.392 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BE095110.D

Acq: 25 Jan 2018 11:16

Instrument :

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ClientSampleId :

PB105932BL

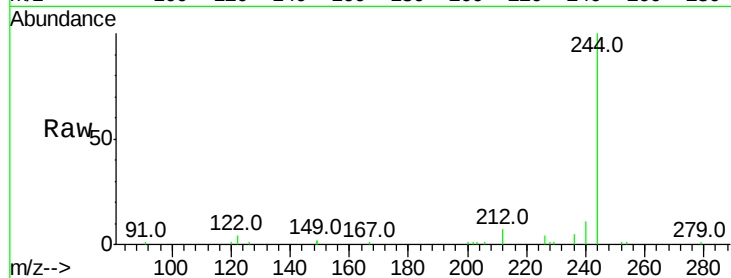
Tot Ion:244 Resp: 11858

Ion Ratio Lower Upper

244 100

212 6.6 25.4 38.0#

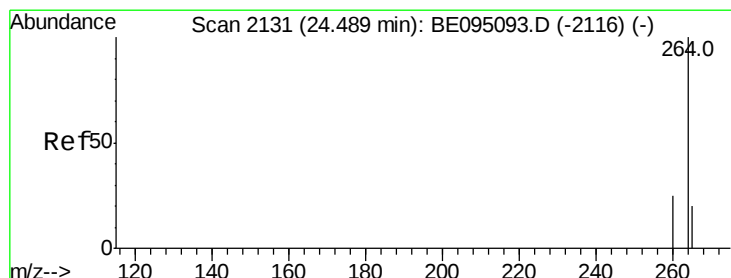
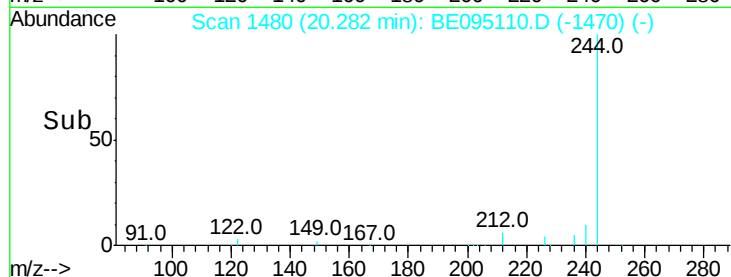
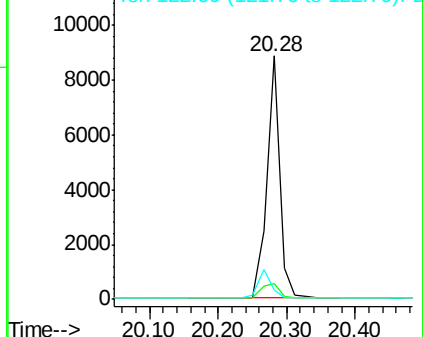
122 4.1 8.1 12.1#



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: 24.48 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BE095110.D

Acq: 25 Jan 2018 11:16

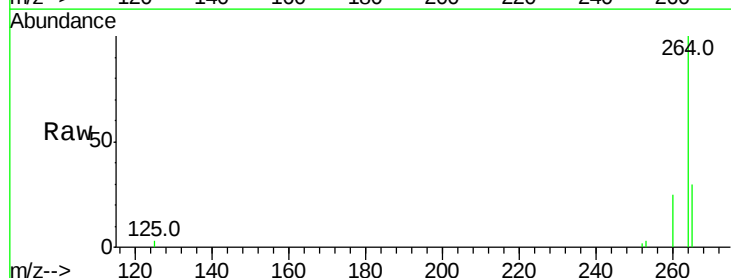
Tgt Ion:264 Resp: 12083

Ion Ratio Lower Upper

264 100

260 25.3 20.5 30.7

265 30.3 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

