

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040418\
 Data File : BE095941.D
 Acq On : 4 Apr 2018 11:27
 Operator : SJ/JU
 Sample : PB107954BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB107954BL

Quant Time: Apr 05 02:56:19 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	8.41	152	1233	0.40	ng	-0.02
7) Naphthalene-d8	11.26	136	4573	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	2471	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	5504	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	6179	0.40	ng	-0.01
34) Perylene-d12	24.41	264	6366	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1378	0.34	ng	0.00
5) Phenol-d6	7.56	99	1848	0.33	ng	0.00
8) Nitrobenzene-d5	9.59	82	1926	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	2578	0.34	ng	-0.01
14) 2,4,6-Tribromophenol	16.46	330	369	0.26	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	3689	0.35	ng	-0.01
25) Fluoranthene-d10	19.68	212	27136	0.33	ng	-0.01
29) Terphenyl-d14	20.24	244	4780	0.36	ng	0.00

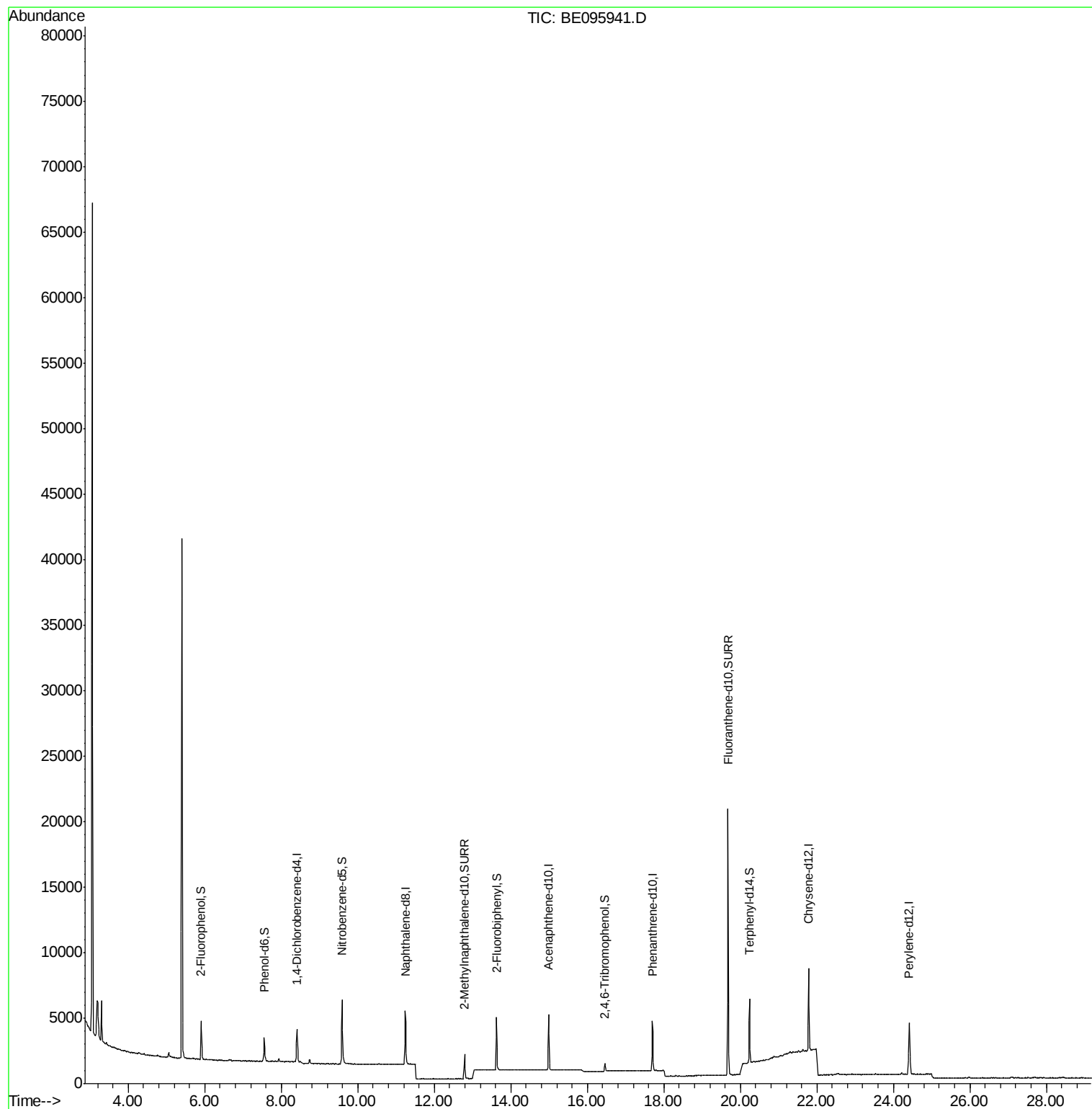
Target Compounds	Qvalue
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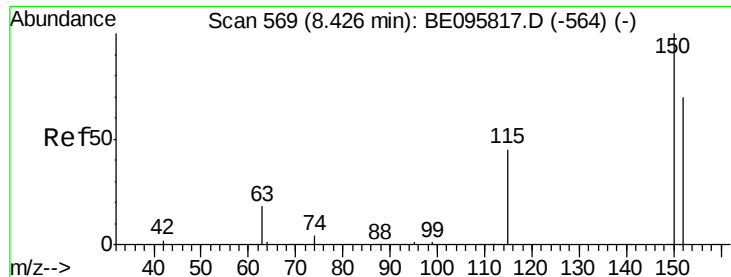
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.41 min Scan# 567

Delta R.T. -0.02 min

Lab File: BE095941.D

Acq: 4 Apr 2018 11:27

Instrument :

BNA_E

ClientSampleId :

PB107954BL

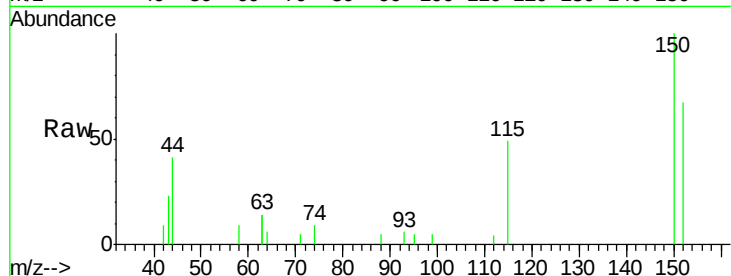
Tot Ion:152 Resp: 1233

Ion Ratio Lower Upper

152 100

150 148.5 117.2 175.8

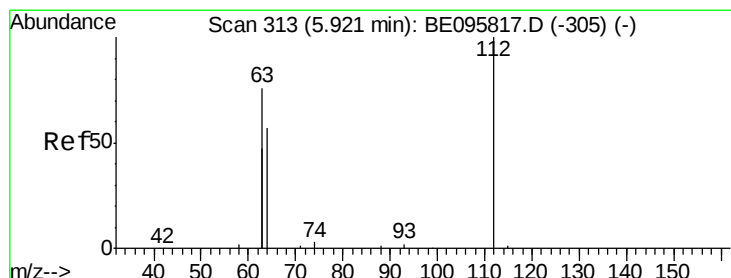
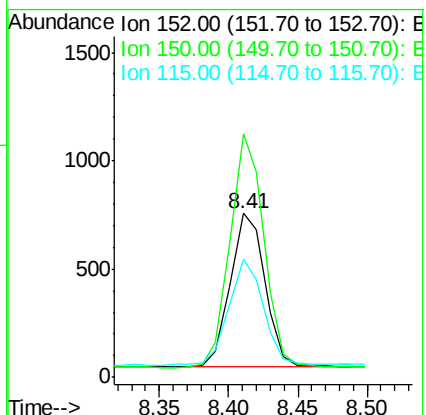
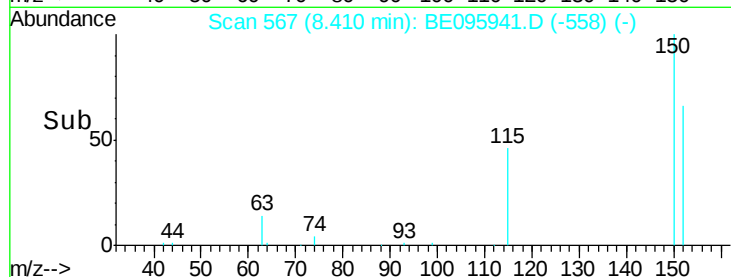
115 72.1 57.0 85.6



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: 0.339 ng

RT: 5.92 min Scan# 312

Delta R.T. -0.01 min

Lab File: BE095941.D

Acq: 4 Apr 2018 11:27

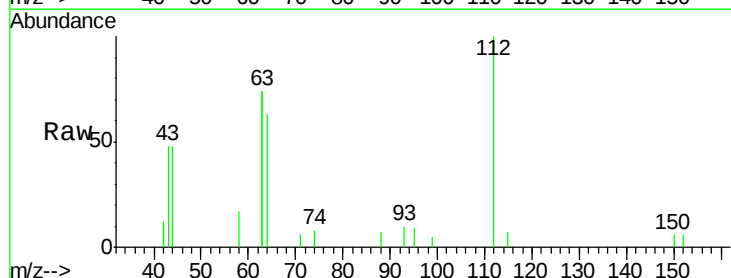
Tgt Ion:112 Resp: 1378

Ion Ratio Lower Upper

112 100

64 77.2 60.1 90.1

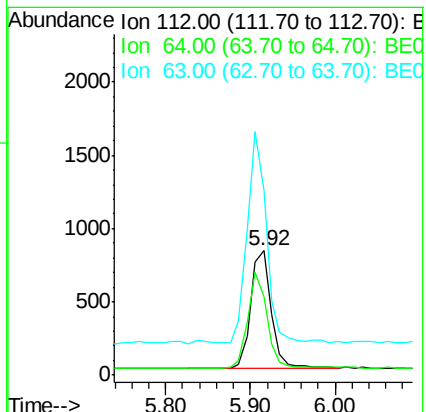
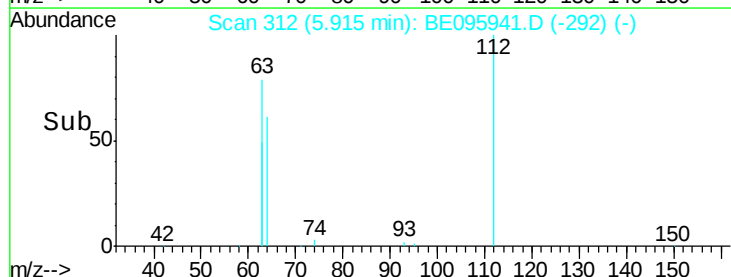
63 162.8 116.8 175.2

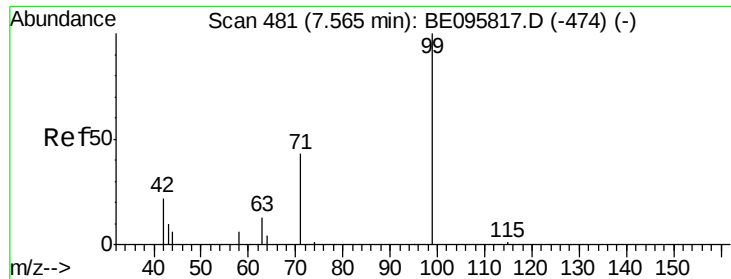


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.331 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095941.D

Acq: 4 Apr 2018 11:27

Instrument :

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ClientSampleId :

PB107954BL

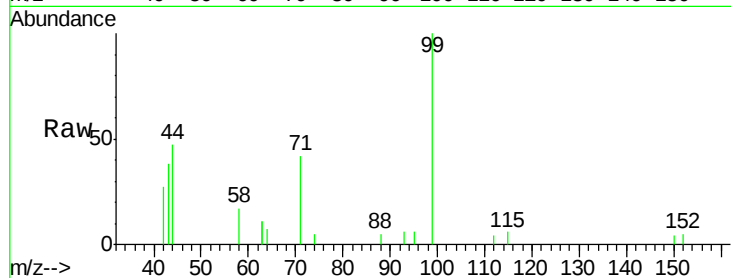
Tot Ion: 99 Resp: 1848

Ion Ratio Lower Upper

99 100

42 27.5 20.2 30.2

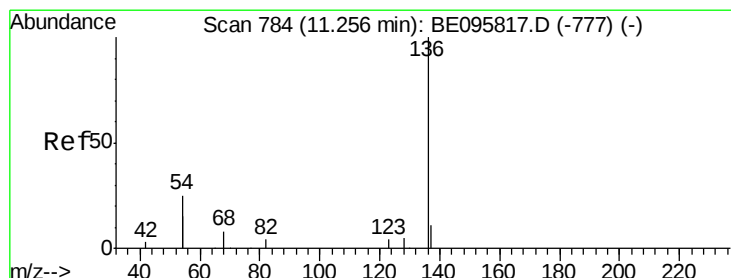
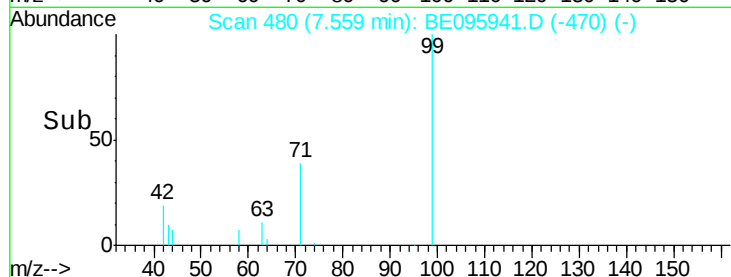
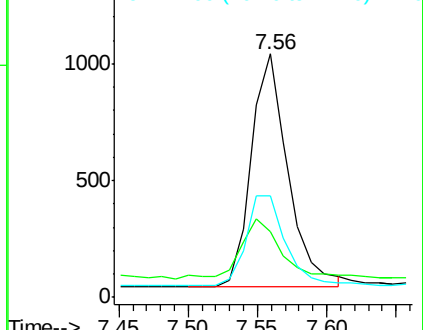
71 41.7 28.4 42.6



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: 0.400 ng

RT: 11.26 min Scan# 784

Delta R.T. 0.00 min

Lab File: BE095941.D

Acq: 4 Apr 2018 11:27

Tgt Ion: 136 Resp: 4573

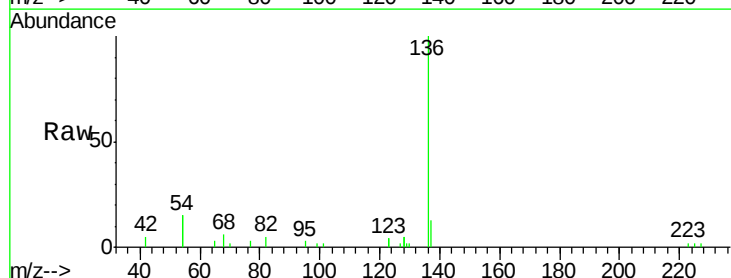
Ion Ratio Lower Upper

136 100

137 12.9 9.5 14.3

54 30.9 29.1 43.7

68 6.2 6.2 9.2

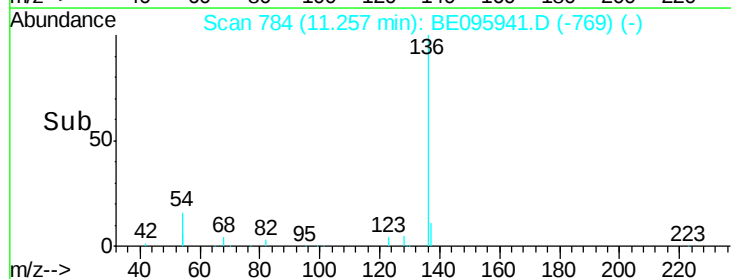
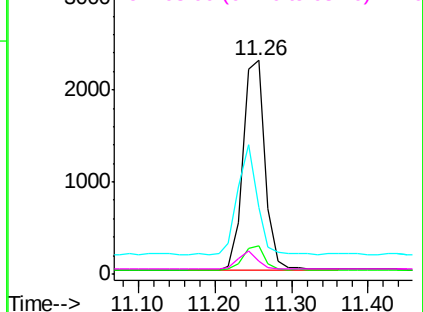


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.356 ng

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095941.D

Acq: 4 Apr 2018 11:27

Instrument :

BNA_E

ClientSampleId :

PB107954BL

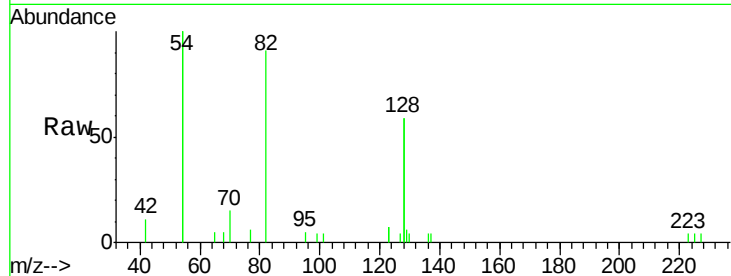
Tot Ion: 82 Resp: 1926

Ion Ratio Lower Upper

82 100

128 128.2 150.0 225.0#

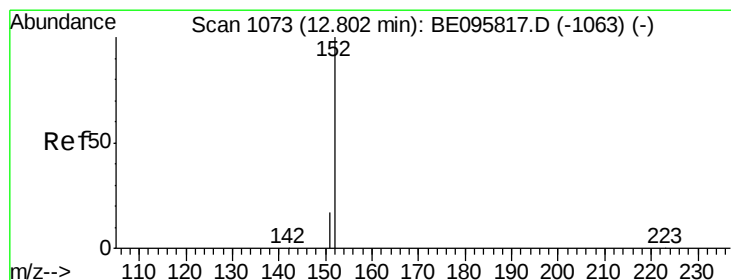
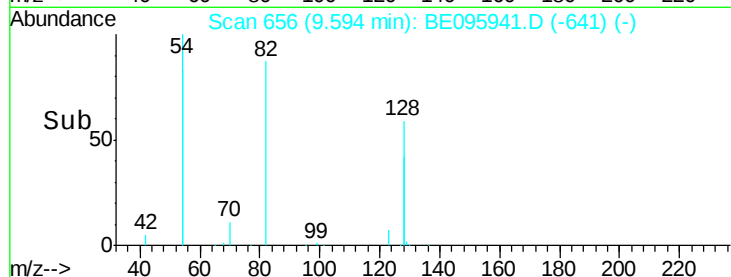
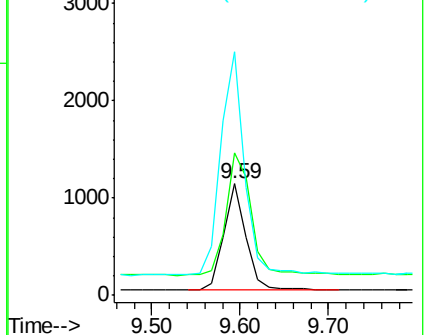
54 218.7 154.2 231.4



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) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.338 ng

RT: 12.79 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BE095941.D

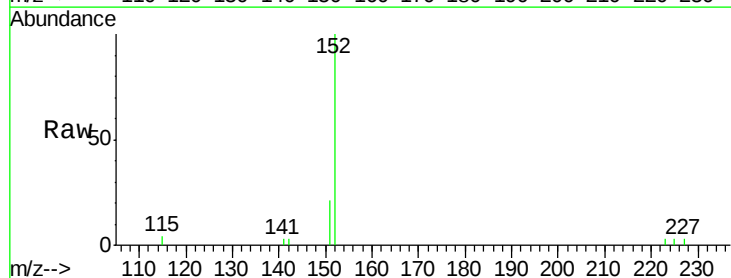
Acq: 4 Apr 2018 11:27

Tgt Ion: 152 Resp: 2578

Ion Ratio Lower Upper

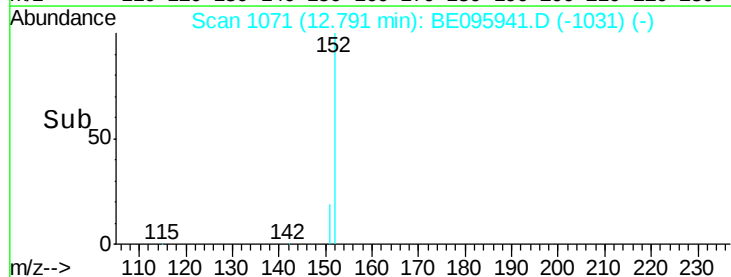
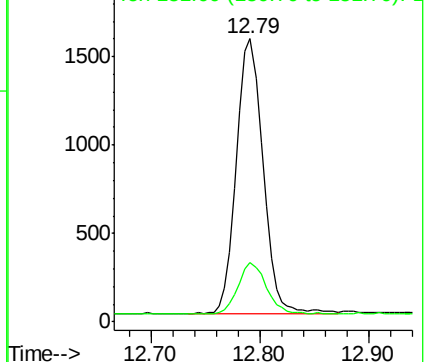
152 100

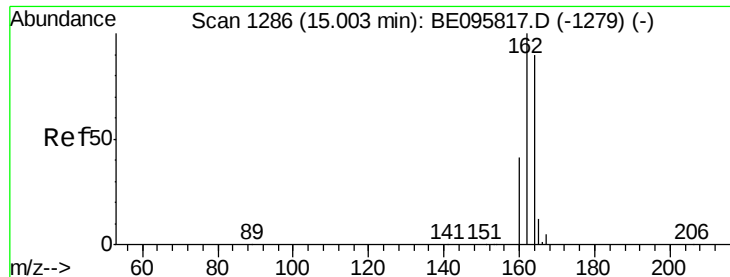
151 19.5 15.4 23.0



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

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





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BE095941.D

Acq: 4 Apr 2018 11:27

Instrument :

BNA_E

ClientSampleId :

PB107954BL

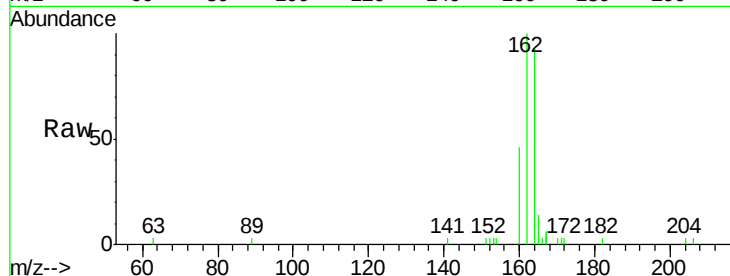
Tot Ion:164 Resp: 2471

Ion Ratio Lower Upper

164 100

162 107.1 83.1 124.7

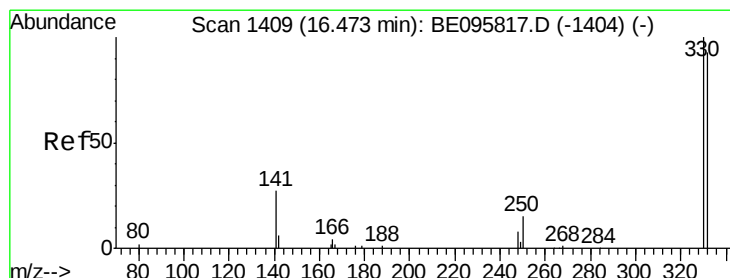
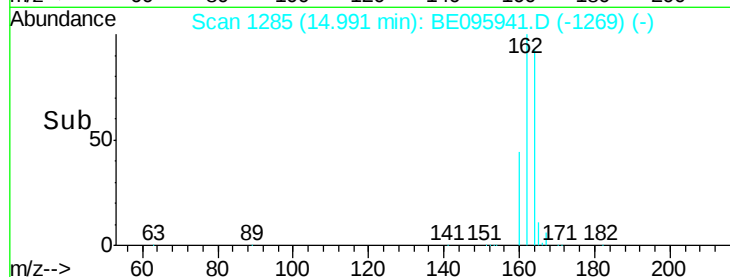
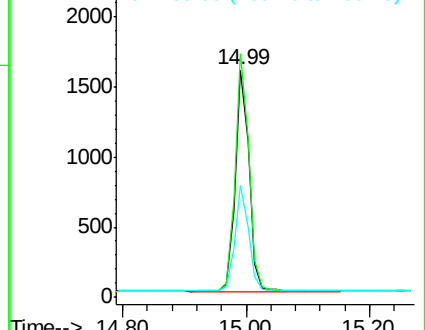
160 49.1 37.1 55.7



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: 16.46 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BE095941.D

Acq: 4 Apr 2018 11:27

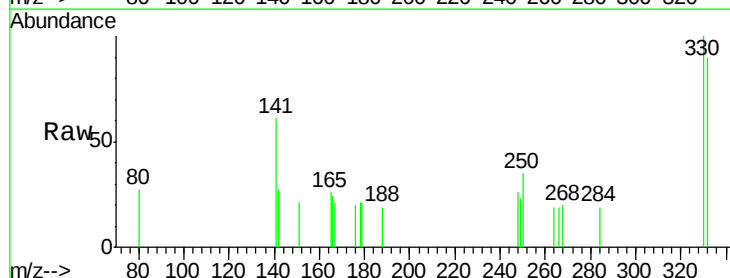
Tgt Ion:330 Resp: 369

Ion Ratio Lower Upper

330 100

332 95.9 152.7 229.1#

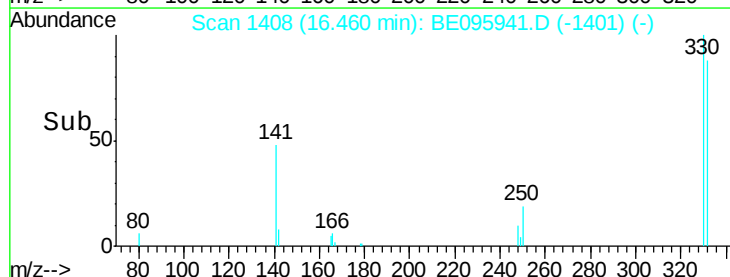
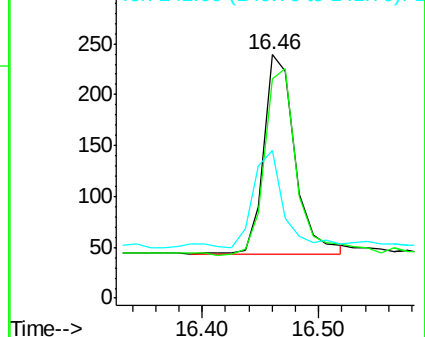
141 45.3 33.7 50.5

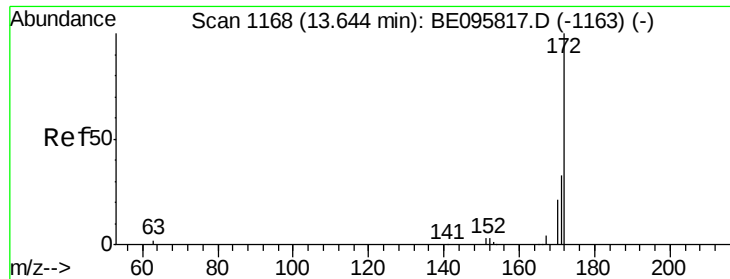


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

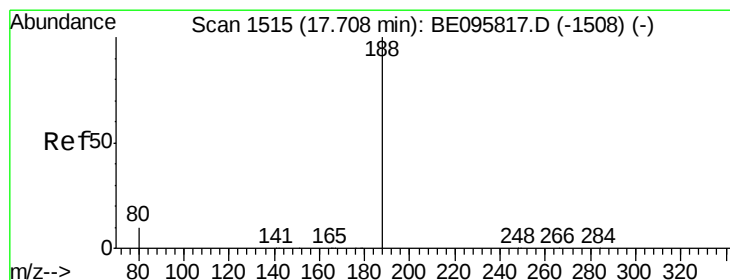
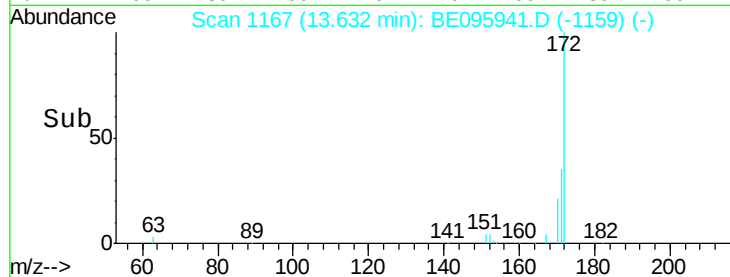
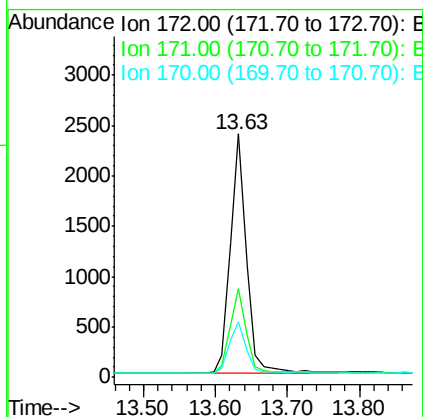
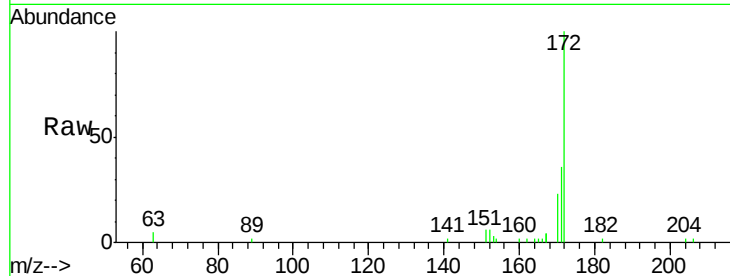




#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095941.D
Acq: 4 Apr 2018 11:27

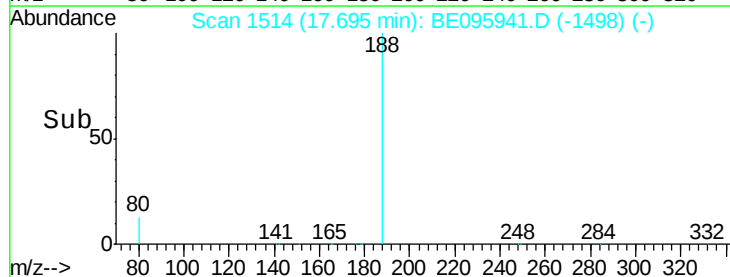
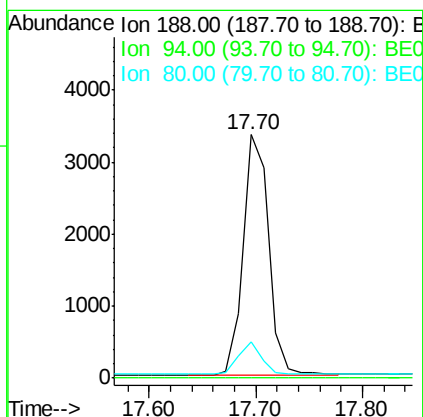
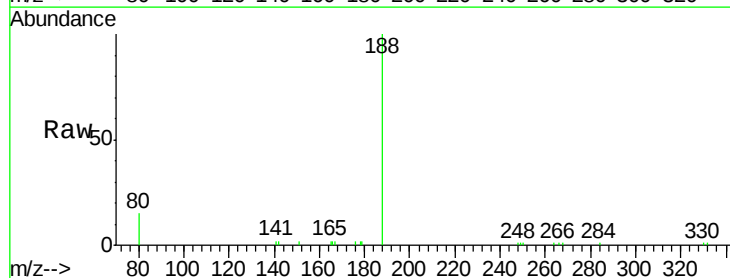
Instrument :
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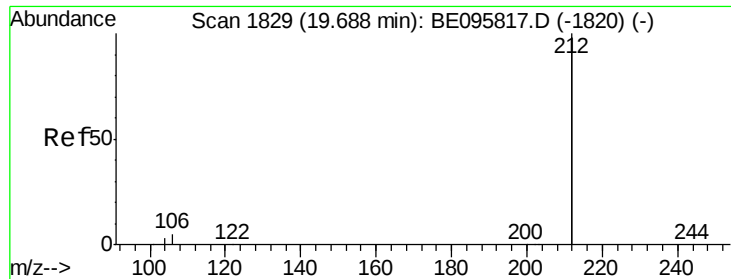
Tot Ion:172 Resp: 3689
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 23.0 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.70 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BE095941.D
Acq: 4 Apr 2018 11:27

Tgt Ion:188 Resp: 5504
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 14.8 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.332 ng

RT: 19.68 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BE095941.D

Acq: 4 Apr 2018 11:27

Instrument :

BNA_E

ClientSampleId :

PB107954BL

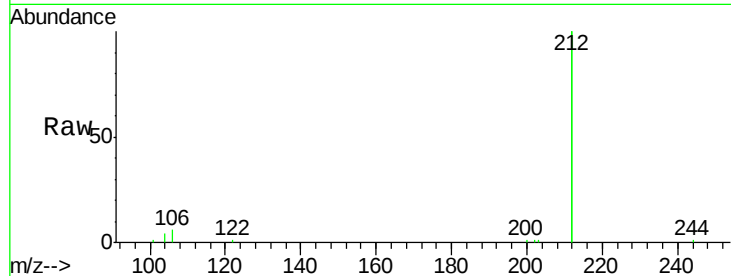
Tot Ion:212 Resp: 27136

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

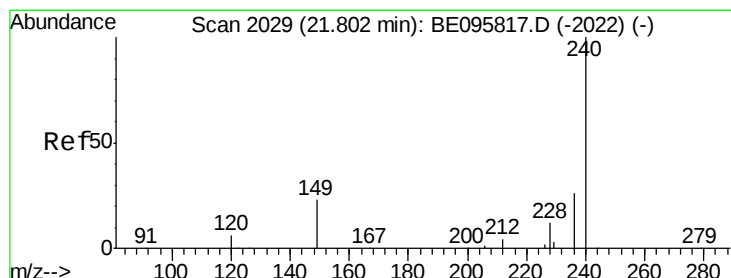
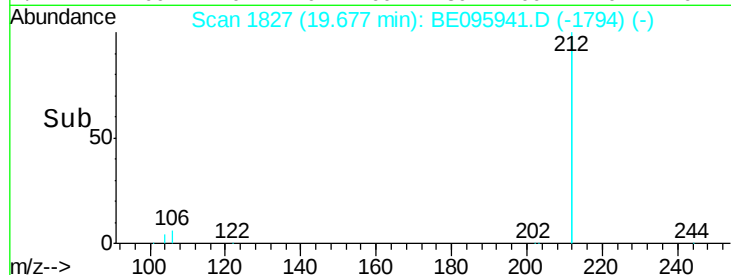
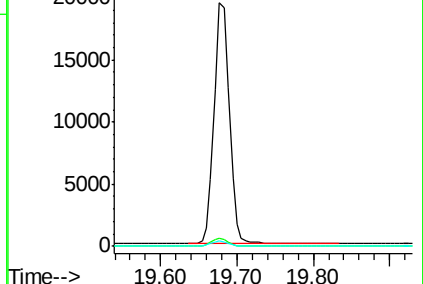
104 1.7 1.6 2.4



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: 21.79 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE095941.D

Acq: 4 Apr 2018 11:27

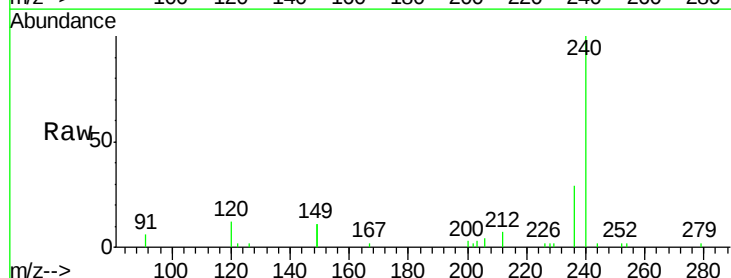
Tgt Ion:240 Resp: 6179

Ion Ratio Lower Upper

240 100

120 12.3 5.5 8.3#

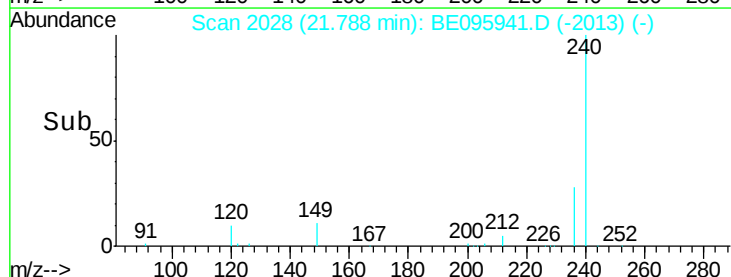
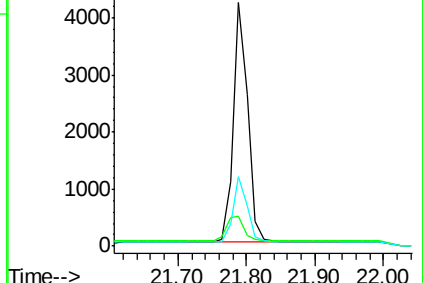
236 28.8 20.7 31.1

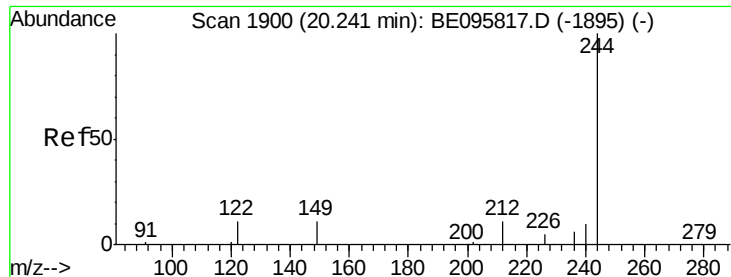


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.364 ng

RT: 20.24 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BE095941.D

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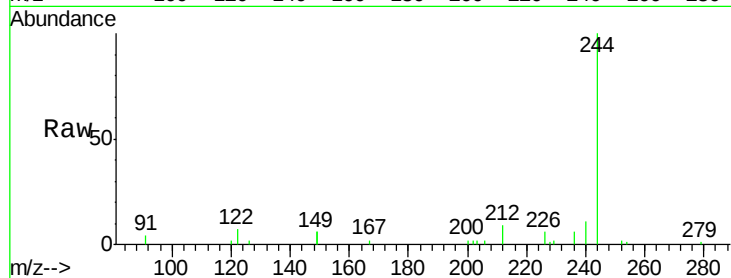
Tot Ion:244 Resp: 4780

Ion Ratio Lower Upper

244 100

212 8.7 25.4 38.0#

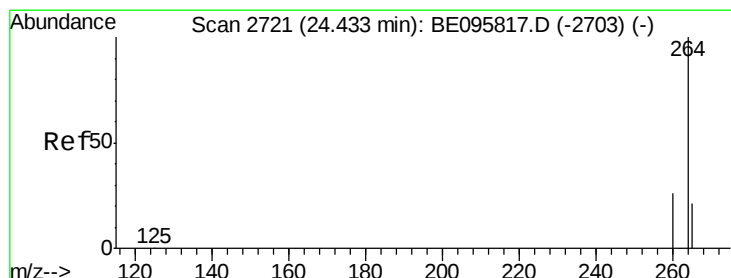
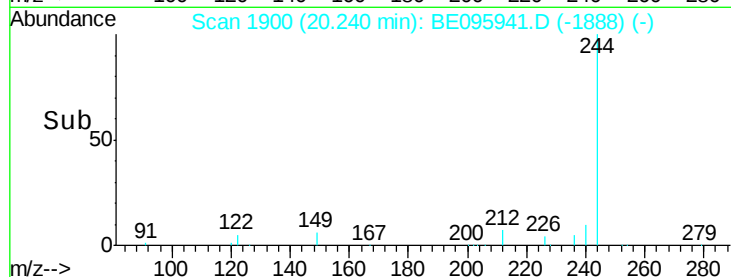
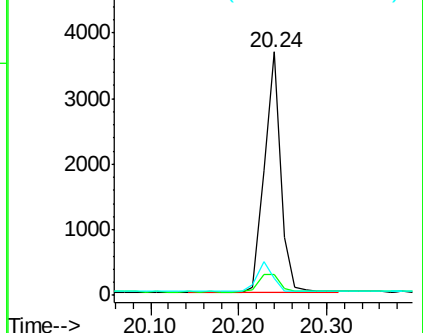
122 6.8 8.1 12.1#



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: BE095941.D

Acq: 4 Apr 2018 11:27

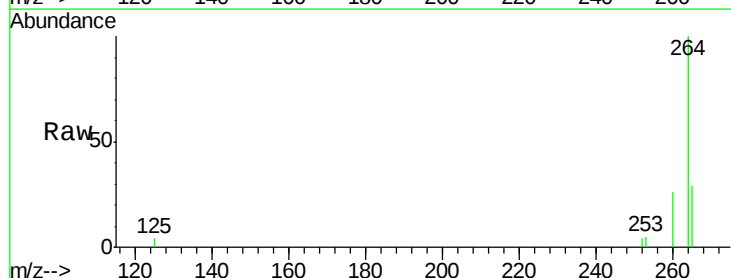
Tgt Ion:264 Resp: 6366

Ion Ratio Lower Upper

264 100

260 26.0 20.5 30.7

265 29.3 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

