

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120517\
 Data File : BE094918.D
 Acq On : 5 Dec 2017 17:16
 Operator : SJ/JU
 Sample : PB104743BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB104743BL

Quant Time: Dec 06 04:30:42 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 13:33:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	7868	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	15857	0.40	ng	0.00
13) Acenaphthene-d10	15.07	164	7441	0.40	ng	0.00
19) Phenanthrene-d10	17.79	188	18220	0.40	ng	0.01
27) Chrysene-d12	21.89	240	18502	0.40	ng	0.00
34) Perylene-d12	24.57	264	14830	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.95	112	2438	0.20	ng	0.00
5) Phenol-d6	7.59	99	4039	0.22	ng	0.00
8) Nitrobenzene-d5	9.66	82	2209	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.87	152	7612	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	285	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	11760	0.37	ng	0.00
25) Fluoranthene-d10	19.76	212	71808	0.29	ng	0.00
29) Terphenyl-d14	20.33	244	13517	0.40	ng	0.00

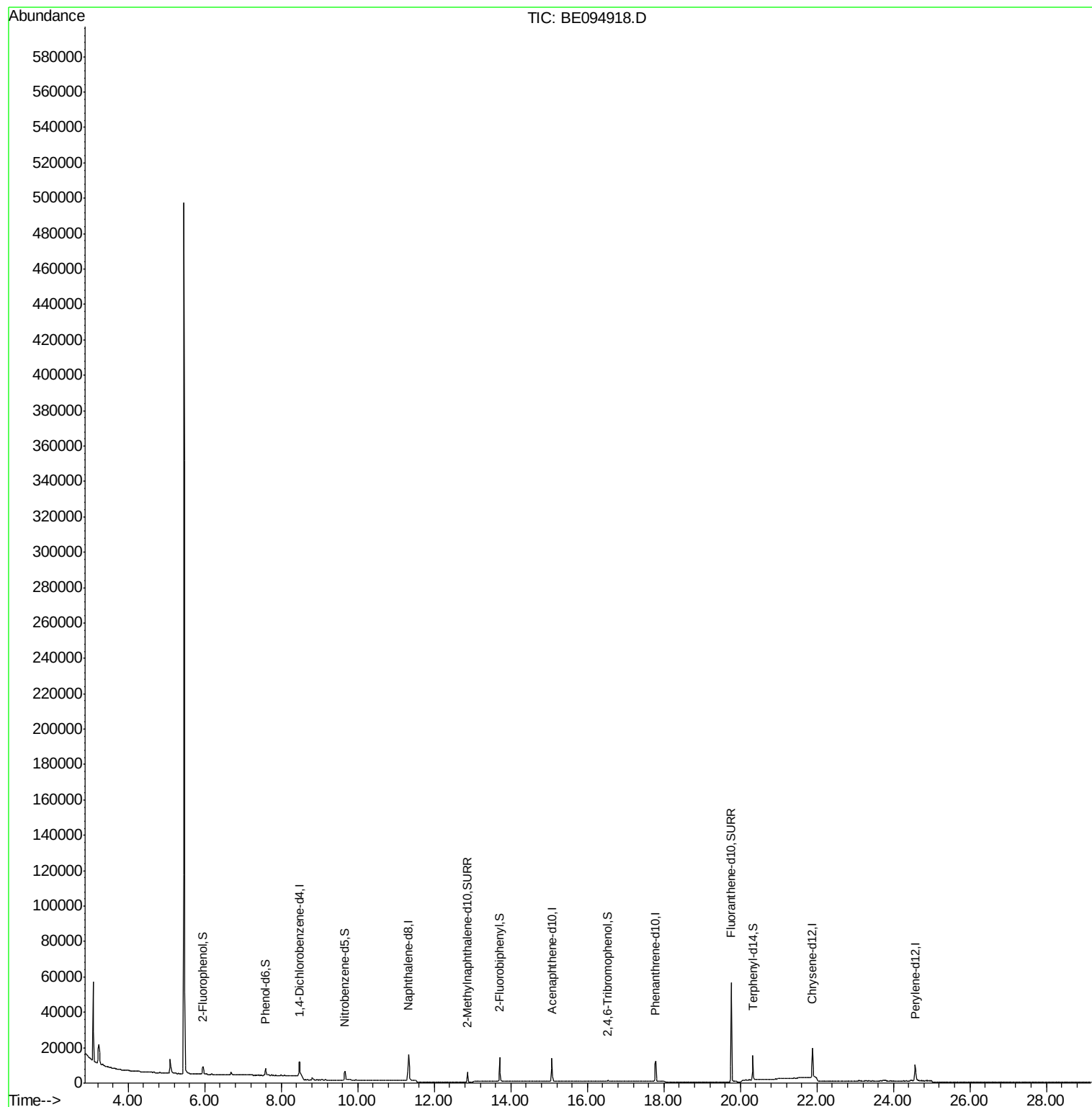
Target Compounds	Qvalue
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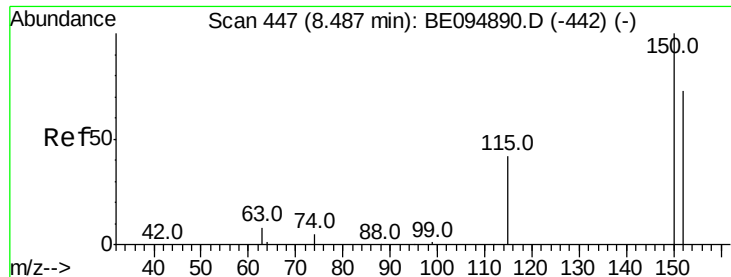
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120517\
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QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.49 min Scan# 447

Delta R.T. -0.00 min

Lab File: BE094918.D

Acq: 5 Dec 2017 17:16

Instrument :

BNA_E

ClientSampleId :

PB104743BL

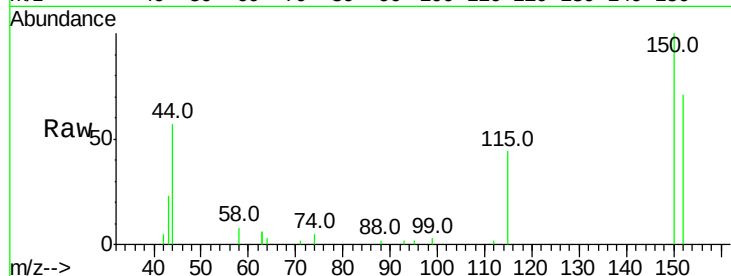
Tot Ion:152 Resp: 7868

Ion Ratio Lower Upper

152 100

150 141.5 117.2 175.8

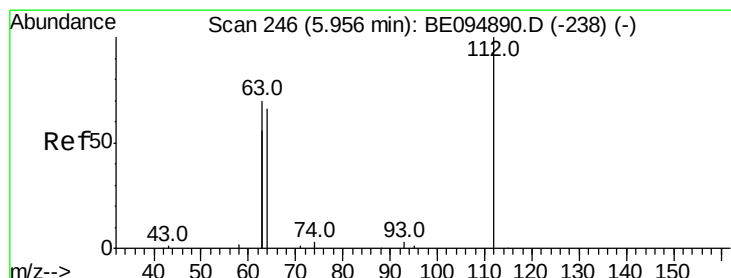
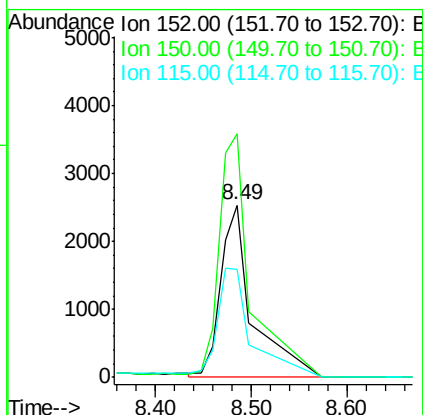
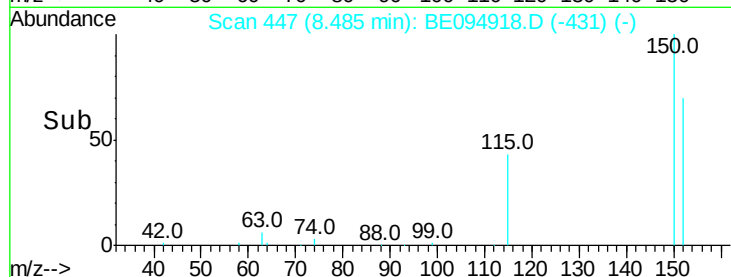
115 62.8 57.0 85.6



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: 0.196 ng

RT: 5.95 min Scan# 246

Delta R.T. -0.00 min

Lab File: BE094918.D

Acq: 5 Dec 2017 17:16

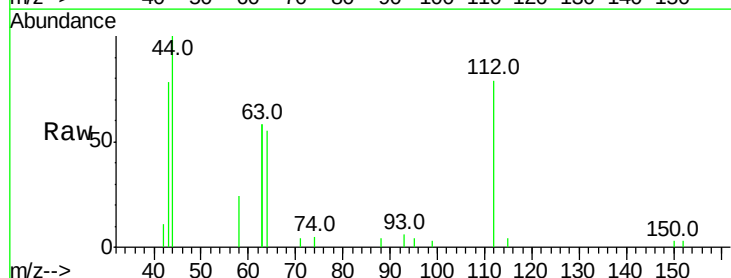
Tgt Ion:112 Resp: 2438

Ion Ratio Lower Upper

112 100

64 72.6 60.1 90.1

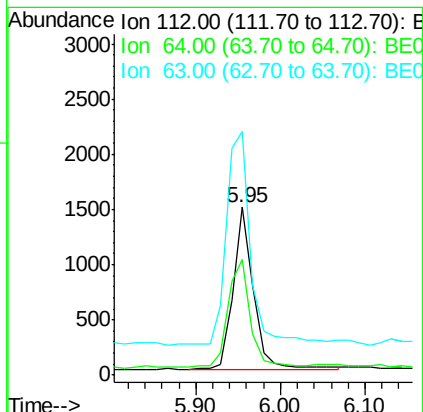
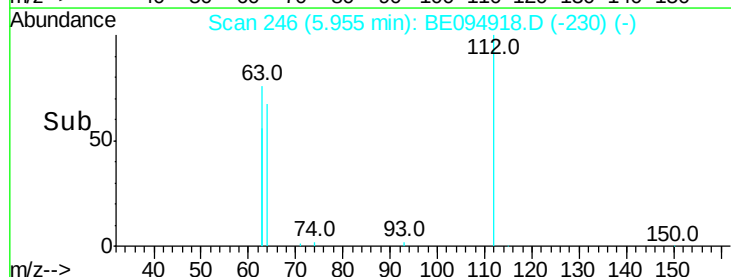
63 165.3 116.8 175.2

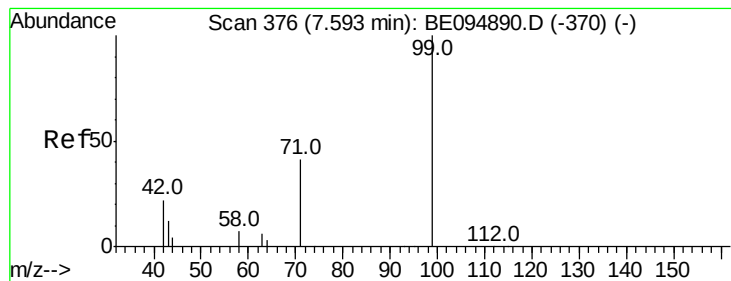


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.219 ng

RT: 7.59 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE094918.D

Acq: 5 Dec 2017 17:16

Instrument :

BNA_E

ClientSampleId :

PB104743BL

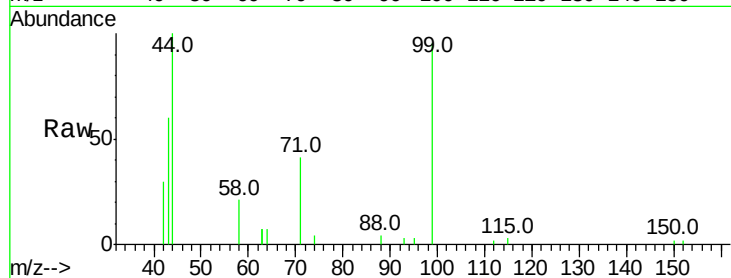
Tot Ion: 99 Resp: 4039

Ion Ratio Lower Upper

99 100

42 27.2 20.2 30.2

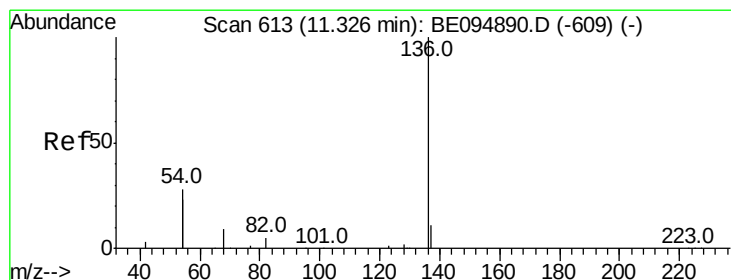
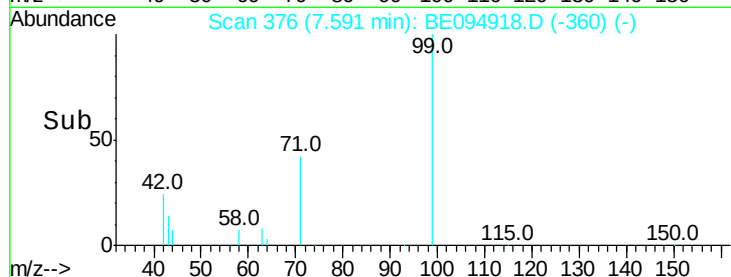
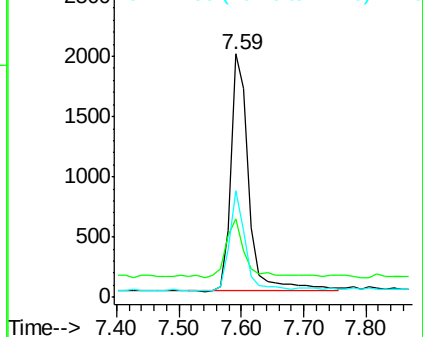
71 36.9 28.4 42.6



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: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094918.D

Acq: 5 Dec 2017 17:16

Tgt Ion: 136 Resp: 15857

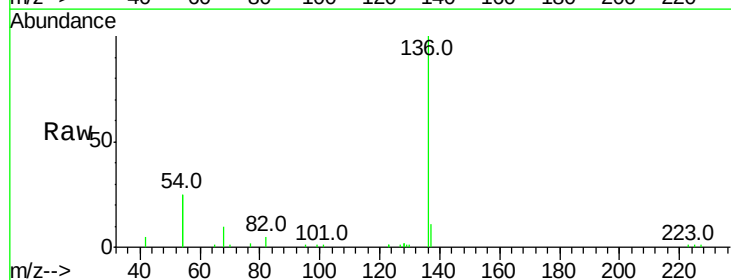
Ion Ratio Lower Upper

136 100

137 11.1 9.5 14.3

54 49.2 29.1 43.7#

68 9.8 6.2 9.2#

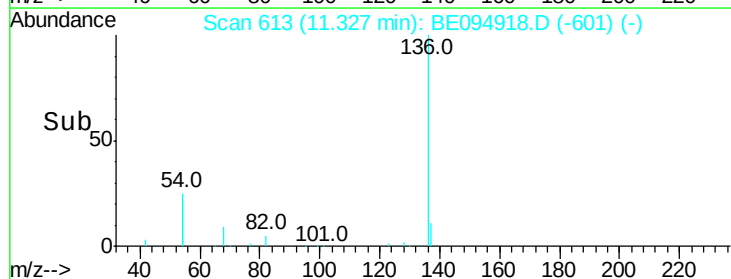
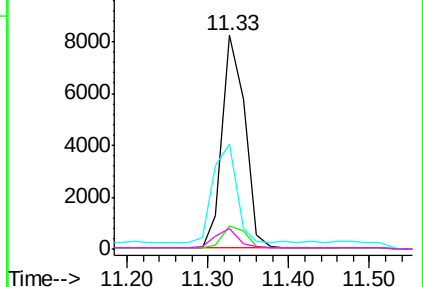


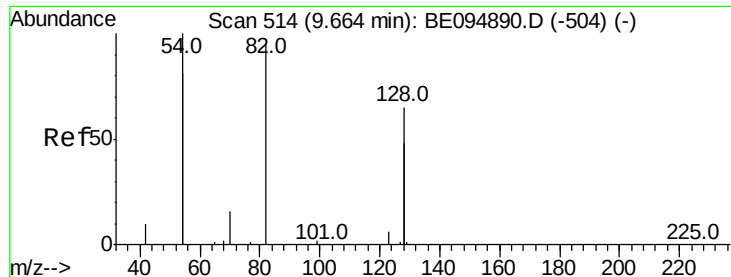
Abundance Ion 136.00 (135.70 to 136.70): E

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

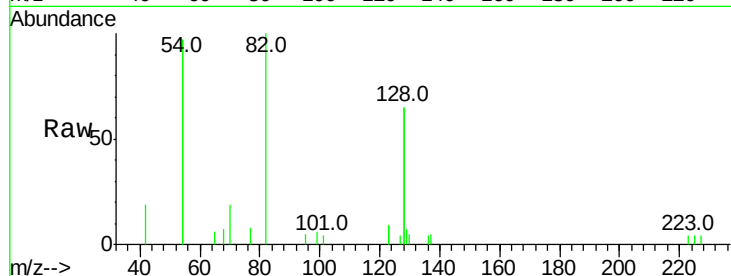




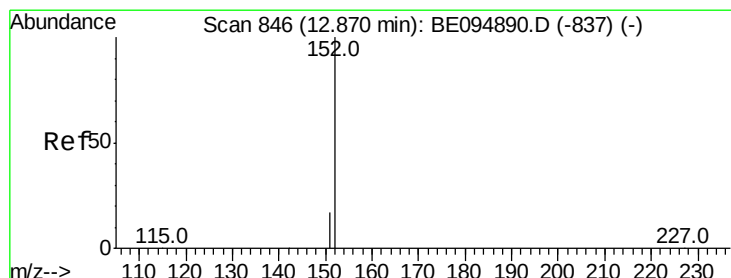
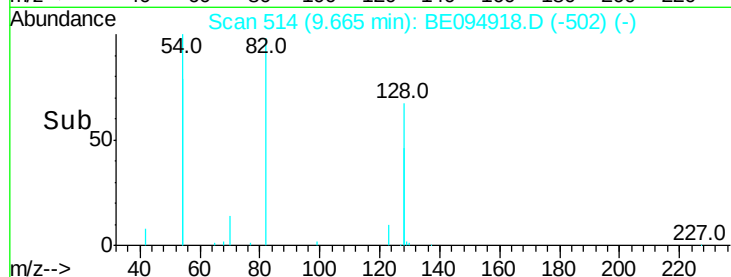
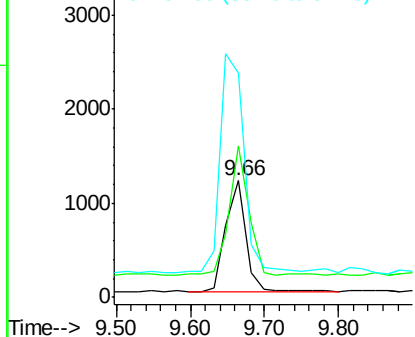
#8
 Nitrobenzene-d5
 Concen: 0.235 ng
 RT: 9.66 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BE094918.D
 Acq: 5 Dec 2017 17:16

Instrument :
 BNA_E
 ClientSampleId :
 PB104743BL

Tot Ion: 82 Resp: 2209
 Ion Ratio Lower Upper
 82 100
 128 129.9 150.0 225.0#
 54 193.2 154.2 231.4

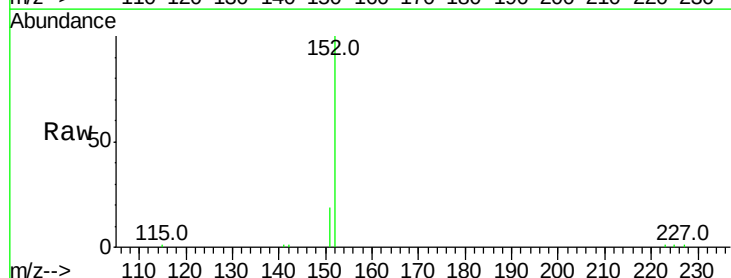


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

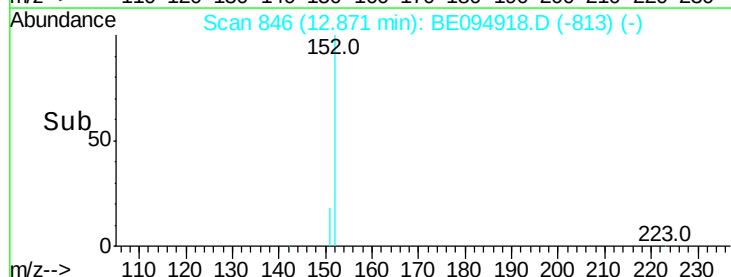
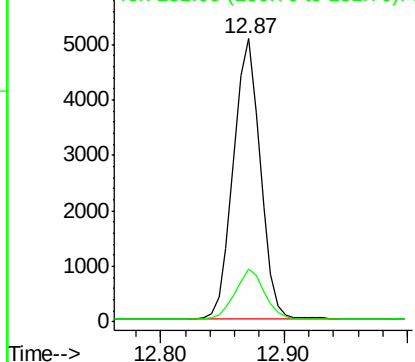


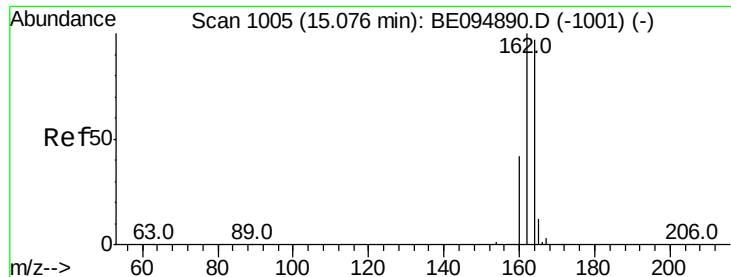
#11
 2-Methylnaphthalene-d10
 Concen: 0.301 ng
 RT: 12.87 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BE094918.D
 Acq: 5 Dec 2017 17:16

Tgt Ion: 152 Resp: 7612
 Ion Ratio Lower Upper
 152 100
 151 19.2 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: 0.400 ng

RT: 15.07 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BE094918.D

Acq: 5 Dec 2017 17:16

Instrument :

BNA_E

ClientSampleId :

PB104743BL

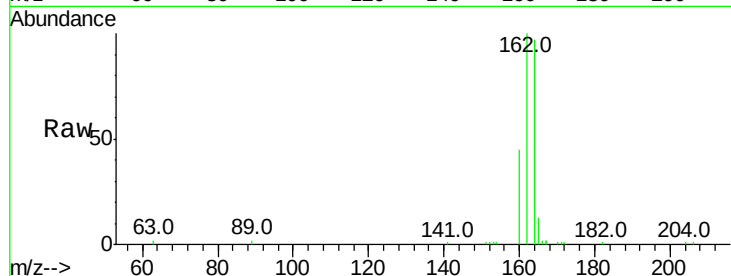
Tot Ion:164 Resp: 7441

Ion Ratio Lower Upper

164 100

162 103.5 83.1 124.7

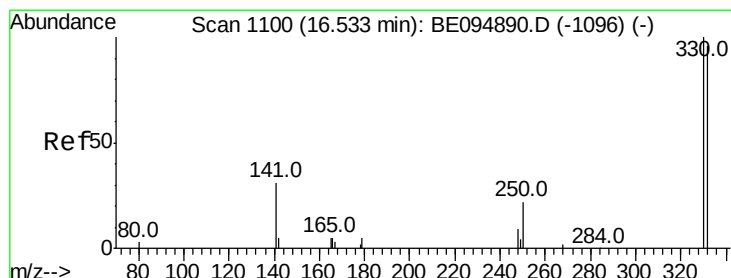
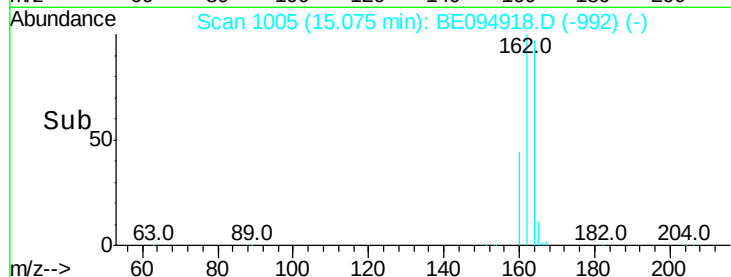
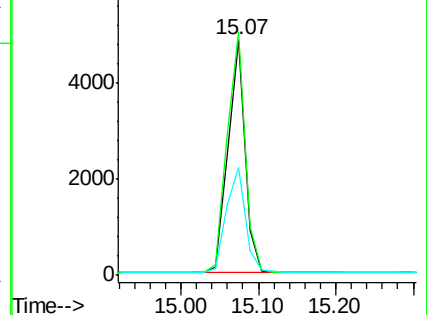
160 46.1 37.1 55.7



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: 0.250 ng

RT: 16.53 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE094918.D

Acq: 5 Dec 2017 17:16

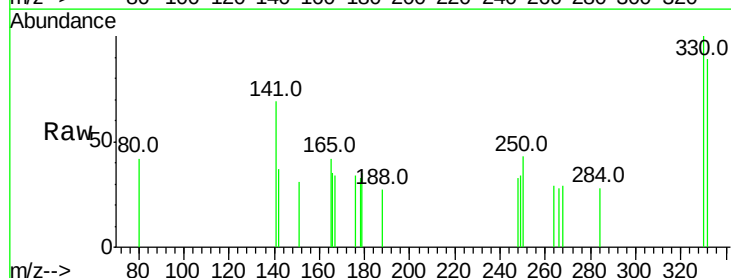
Tgt Ion:330 Resp: 285

Ion Ratio Lower Upper

330 100

332 82.1 152.7 229.1#

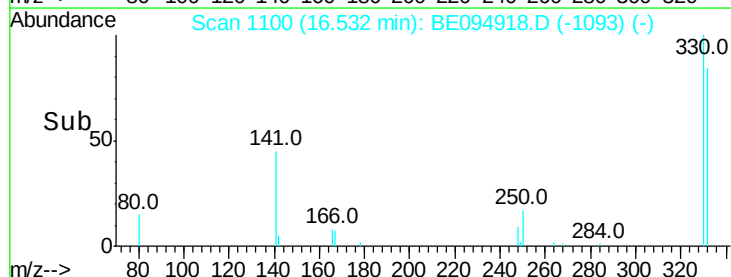
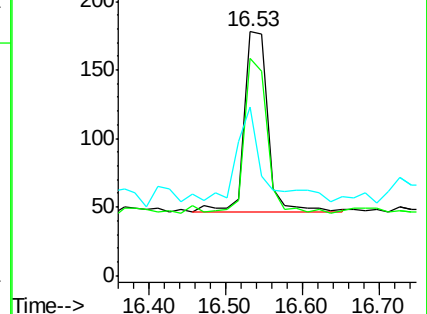
141 47.0 33.7 50.5

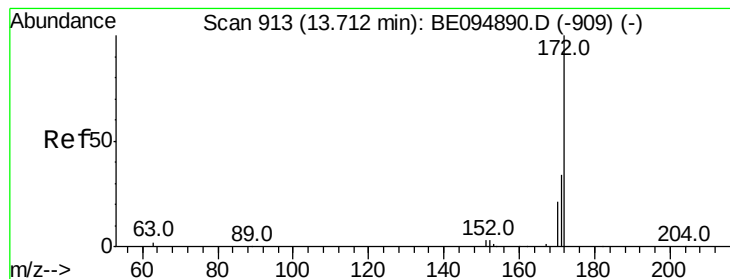


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.369 ng

RT: 13.71 min Scan# 913

Delta R.T. -0.00 min

Lab File: BE094918.D

Acq: 5 Dec 2017 17:16

Instrument :

BNA_E

ClientSampleId :

PB104743BL

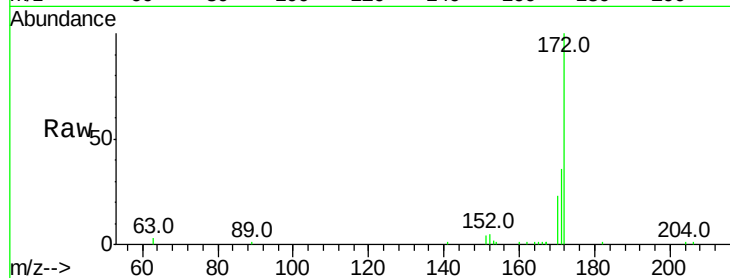
Tot Ion:172 Resp: 11760

Ion Ratio Lower Upper

172 100

171 36.0 29.9 44.9

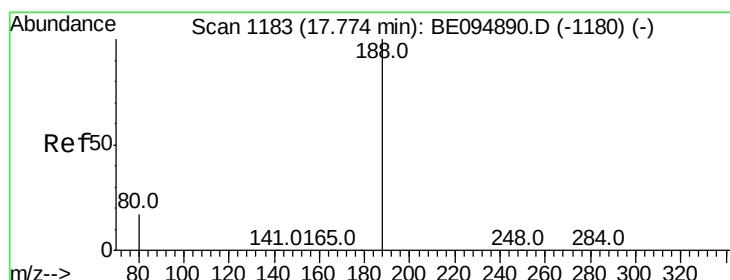
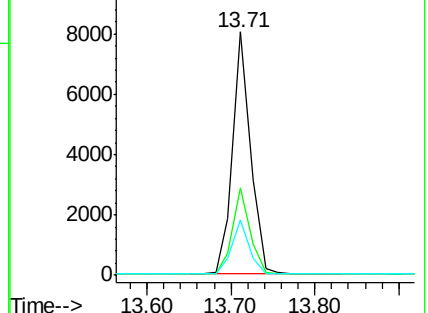
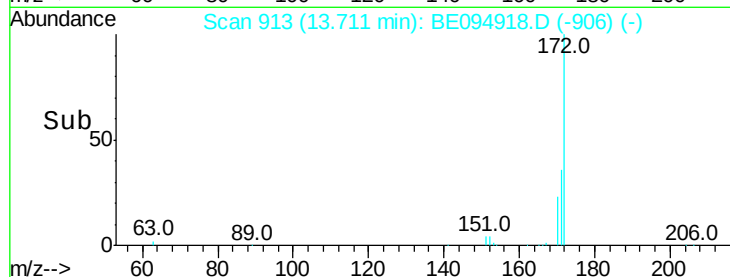
170 23.0 21.8 32.8



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: 17.79 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BE094918.D

Acq: 5 Dec 2017 17:16

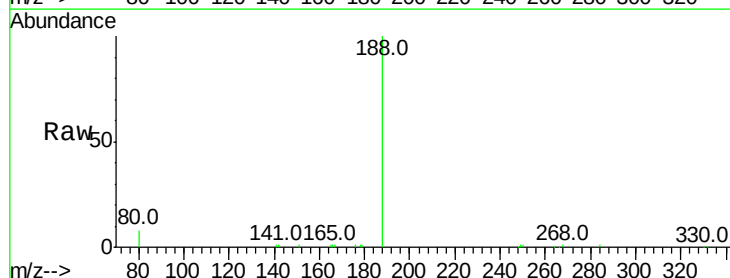
Tgt Ion:188 Resp: 18220

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

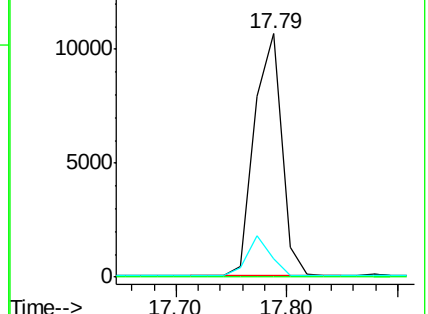
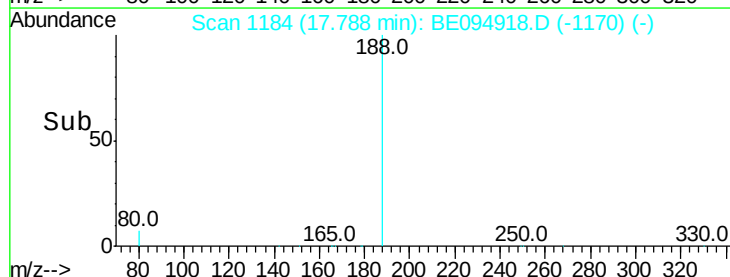
80 7.6 3.6 5.4#

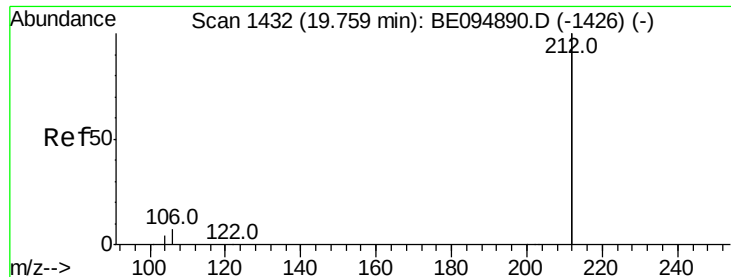


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.288 ng

RT: 19.76 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE094918.D

Acq: 5 Dec 2017 17:16

Instrument :

BNA_E

ClientSampleId :

PB104743BL

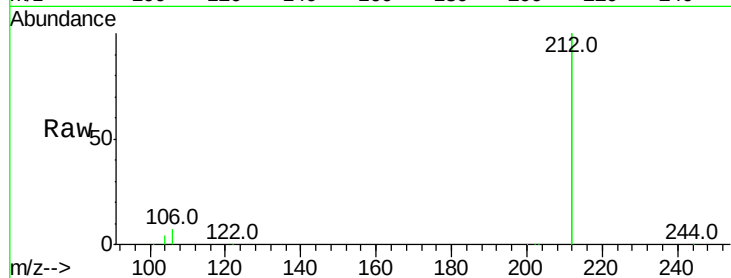
Tot Ion:212 Resp: 71808

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

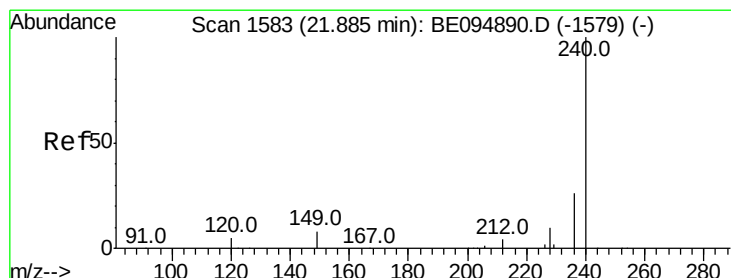
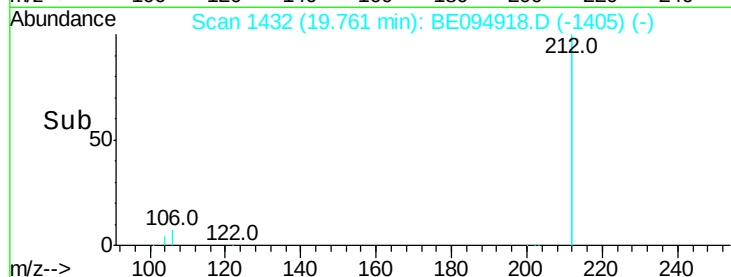
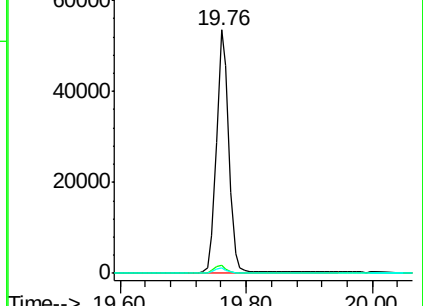
104 2.0 1.6 2.4



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: 21.89 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BE094918.D

Acq: 5 Dec 2017 17:16

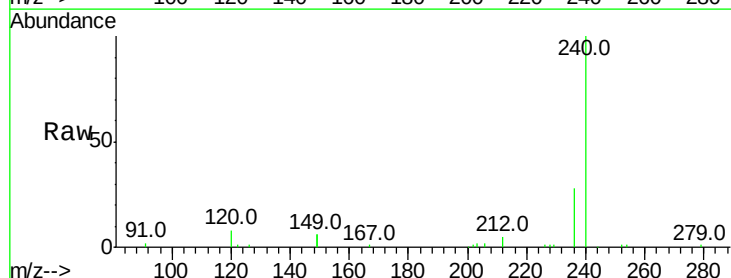
Tgt Ion:240 Resp: 18502

Ion Ratio Lower Upper

240 100

120 7.9 5.5 8.3

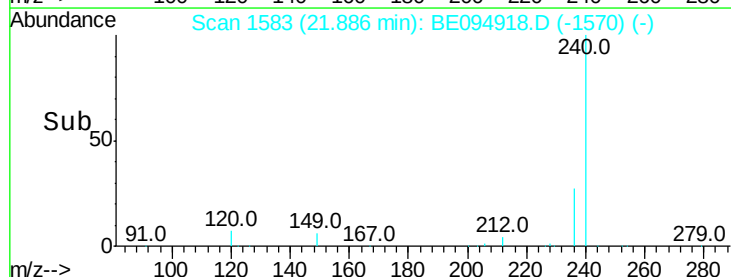
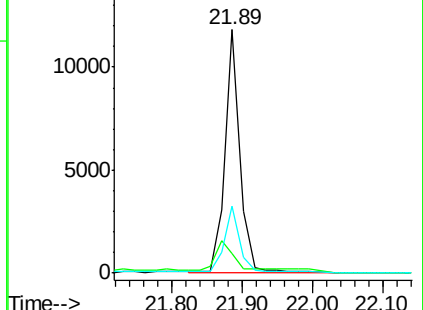
236 27.5 20.7 31.1

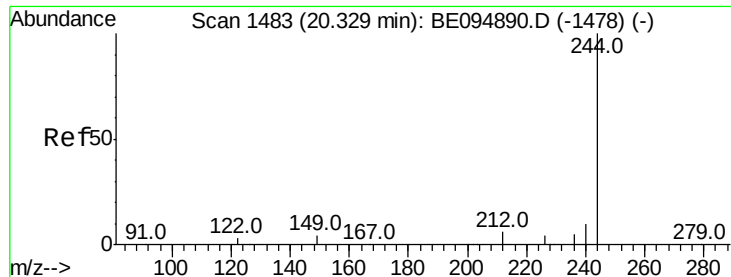


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.396 ng

RT: 20.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE094918.D

Acq: 5 Dec 2017 17:16

Instrument :

BNA_E

ClientSampleId :

PB104743BL

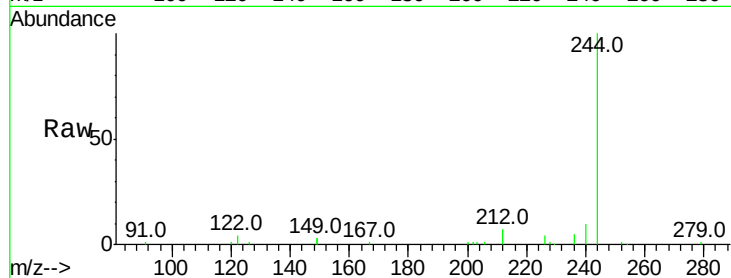
Tot Ion:244 Resp: 13517

Ion Ratio Lower Upper

244 100

212 7.4 25.4 38.0#

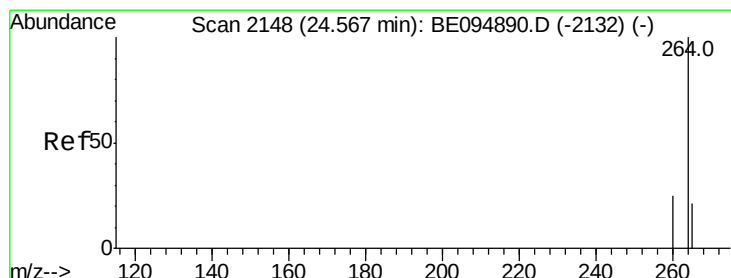
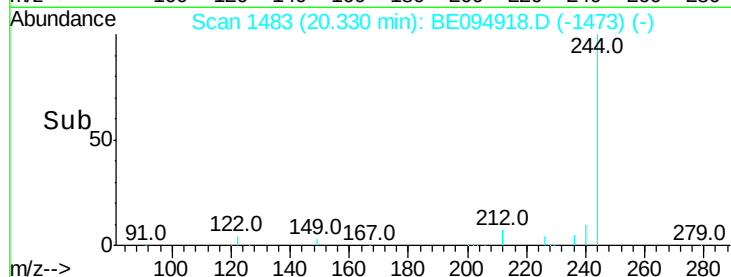
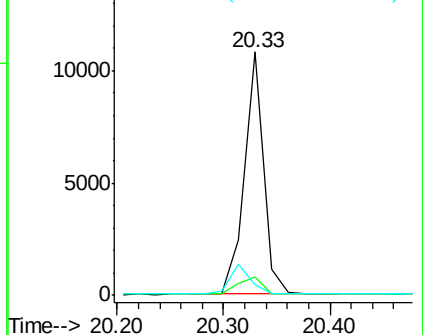
122 4.3 8.1 12.1#



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: 24.57 min Scan# 2149

Delta R.T. 0.01 min

Lab File: BE094918.D

Acq: 5 Dec 2017 17:16

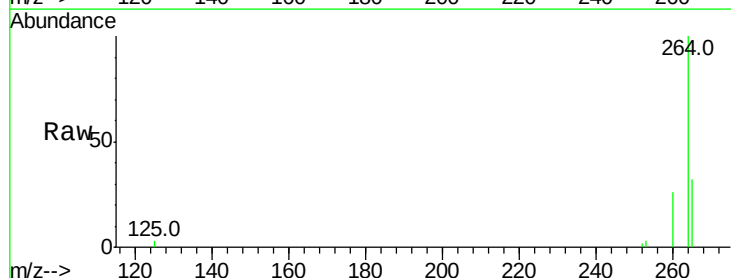
Tgt Ion:264 Resp: 14830

Ion Ratio Lower Upper

264 100

260 25.7 20.5 30.7

265 32.5 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

