

Data Path : Z:\HPCHEM1\BNA E\DATA\BE122617\
 Data File : BE095059.D
 Acq On : 26 Dec 2017 16:59
 Operator : SJ/JU
 Sample : I7004-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-7-121917

Quant Time: Dec 27 01:06:38 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 18:42:53 2017
 Response via : Initial Calibration

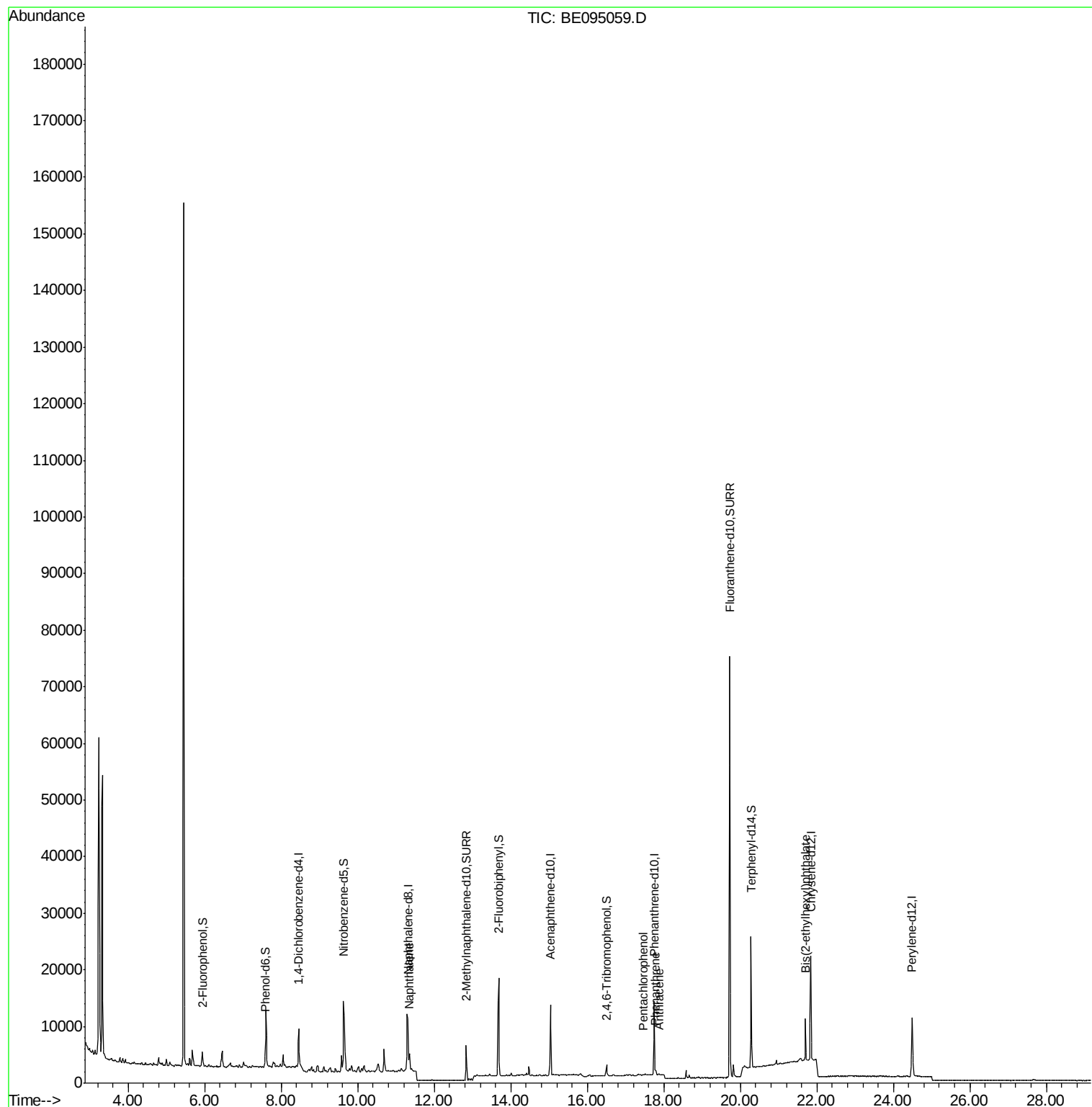
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5712	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	13639	0.40	ng	-0.02
13) Acenaphthene-d10	15.03	164	7883	0.40	ng	-0.03
19) Phenanthrene-d10	17.74	188	17562	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	18579	0.40	ng	-0.03
34) Perylene-d12	24.49	264	16604	0.40	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	1470	0.17	ng	-0.01
5) Phenol-d6	7.58	99	1320	0.10	ng	-0.01
8) Nitrobenzene-d5	9.63	82	5329	0.48	ng	-0.02
11) 2-Methylnaphthalene-d10	12.83	152	8571	0.38	ng	-0.03
14) 2,4,6-Tribromophenol	16.50	330	1101	0.60	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	17597	0.50	ng	-0.01
25) Fluoranthene-d10	19.72	212	92779	0.41	ng	-0.03
29) Terphenyl-d14	20.28	244	21479	0.61	ng	-0.03
Target Compounds						
9) Naphthalene	11.34	128	9365	0.058	ng	Qvalue # 89
22) Pentachlorophenol	17.48	266	19	0.086	ng	# 95
23) Phenanthrene	17.79	178	1215	0.022	ng	# 90
24) Anthracene	17.88	178	1175	0.021	ng	# 66
32) Bis(2-ethylhexyl)phthalate	21.70	149	8626	0.125	ng	# 100

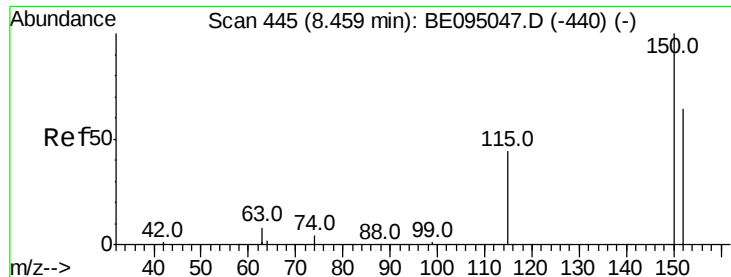
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. -0.01 min

Lab File: BE095059.D

Acq: 26 Dec 2017 16:59

Instrument :

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ClientSampleId :

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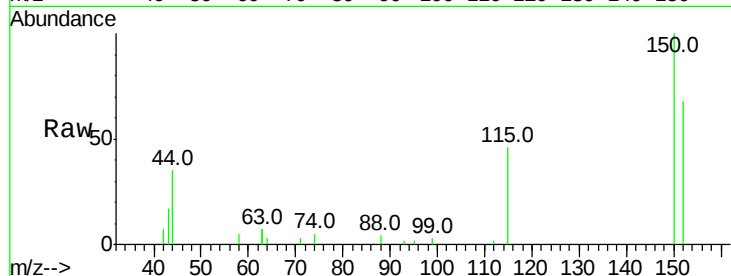
Tot Ion:152 Resp: 5712

Ion Ratio Lower Upper

152 100

150 146.2 117.2 175.8

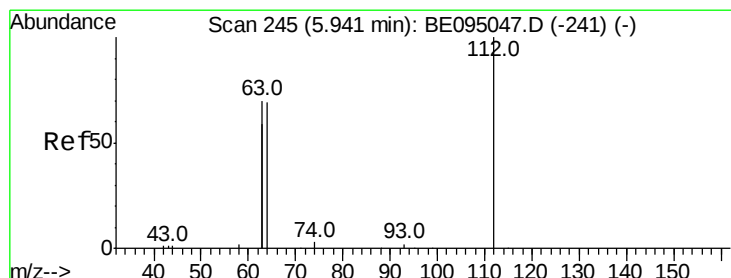
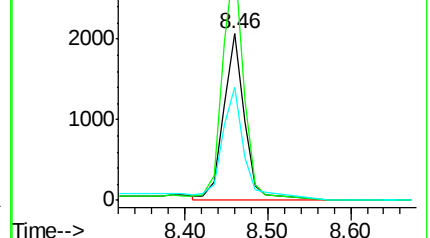
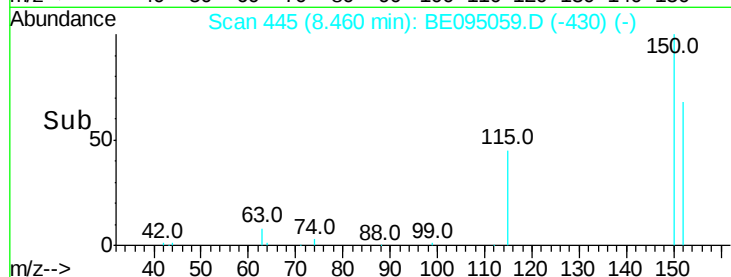
115 67.6 57.0 85.6



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: 0.166 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: BE095059.D

Acq: 26 Dec 2017 16:59

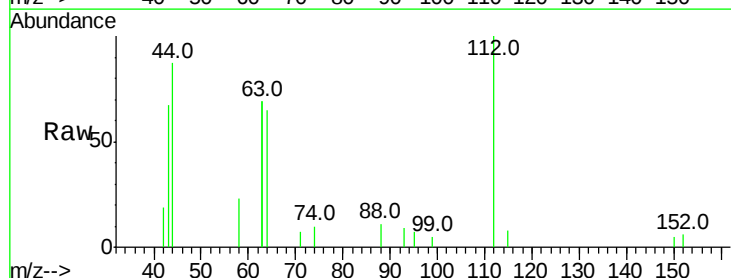
Tgt Ion:112 Resp: 1470

Ion Ratio Lower Upper

112 100

64 76.6 60.1 90.1

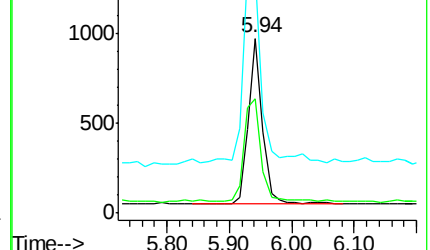
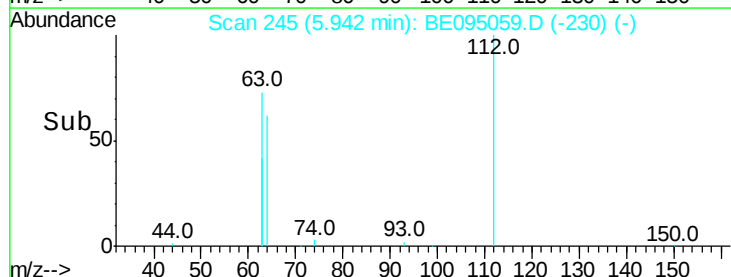
63 144.1 116.8 175.2

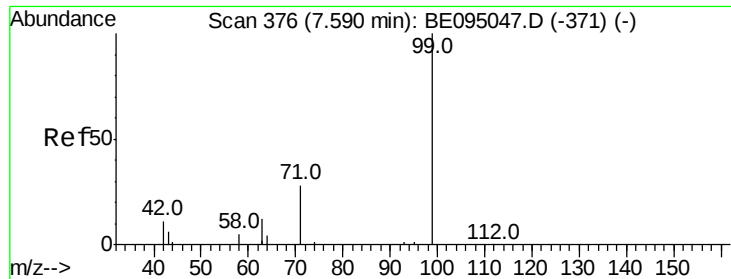


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.100 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE095059.D

Acq: 26 Dec 2017 16:59

Instrument :

BNA_E

ClientSampleId :

C-MW-7-121917

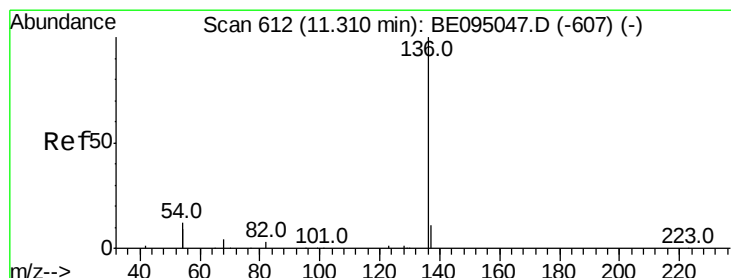
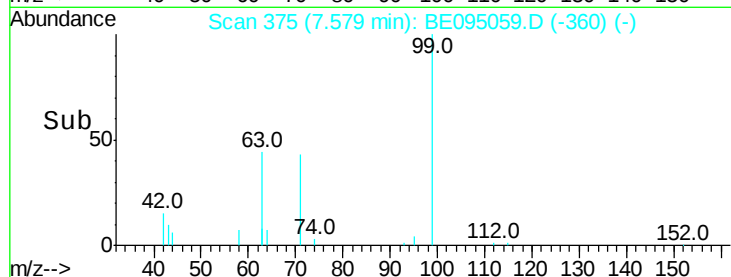
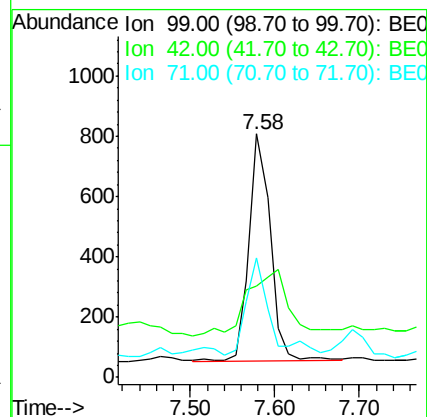
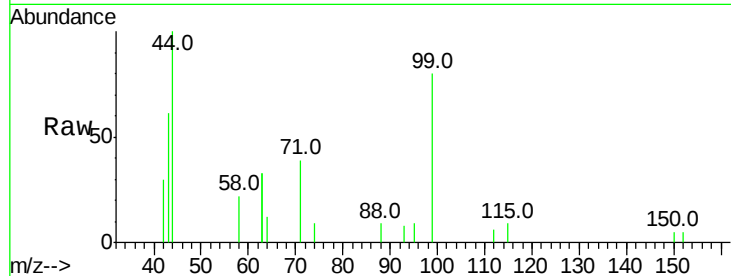
Tot Ion: 99 Resp: 1320

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

71 43.4 28.4 42.6#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.31 min Scan# 612

Delta R.T. -0.02 min

Lab File: BE095059.D

Acq: 26 Dec 2017 16:59

Tgt Ion: 136 Resp: 13639

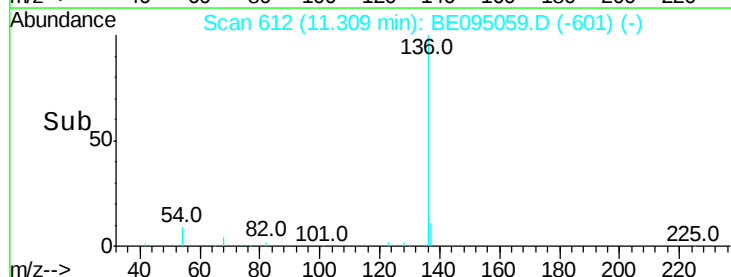
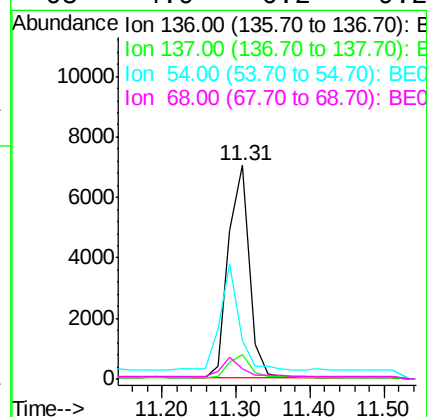
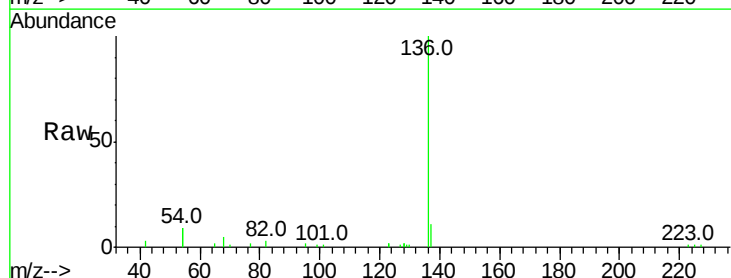
Ion Ratio Lower Upper

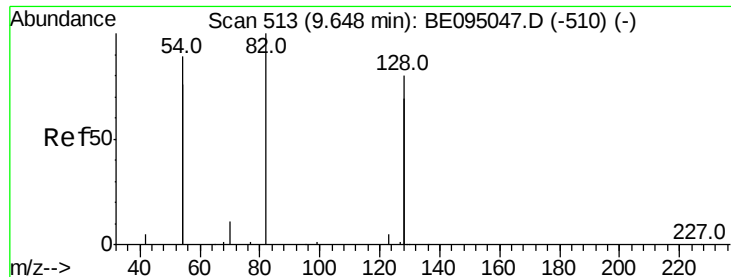
136 100

137 11.5 9.5 14.3

54 17.8 29.1 43.7#

68 4.9 6.2 9.2#





#8

Nitrobenzene-d5

Concen: 0.476 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.02 min

Lab File: BE095059.D

Acq: 26 Dec 2017 16:59

Instrument :

BNA_E

ClientSampleId :

C-MW-7-121917

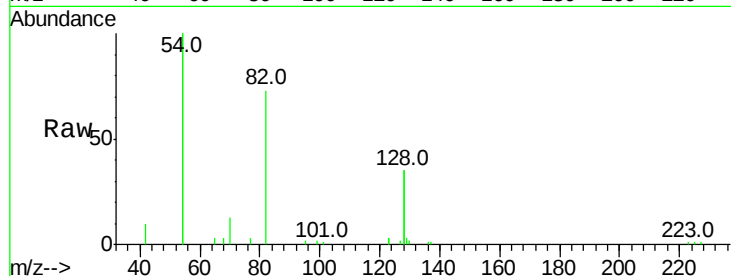
Tot Ion: 82 Resp: 5329

Ion Ratio Lower Upper

82 100

128 94.5 150.0 225.0#

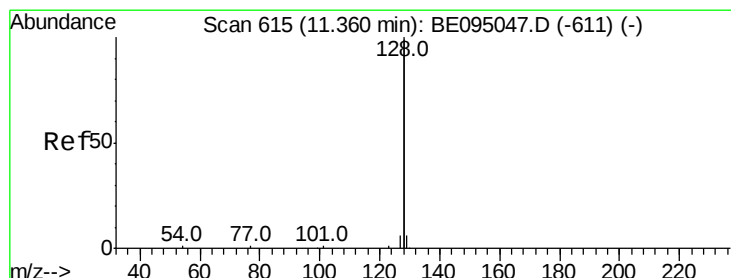
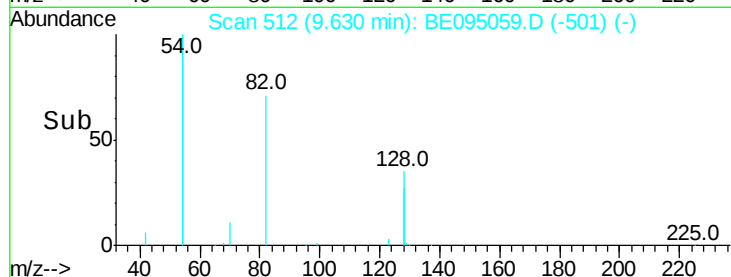
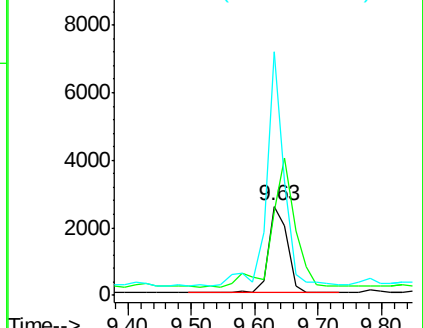
54 273.8 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE095047.D (-510) (-)

Ion 128.00 (127.70 to 128.70): BE095047.D (-510) (-)

Ion 54.00 (53.70 to 54.70): BE095047.D (-510) (-)



#9

Naphthalene

Concen: 0.058 ng

RT: 11.34 min Scan# 614

Delta R.T. -0.03 min

Lab File: BE095059.D

Acq: 26 Dec 2017 16:59

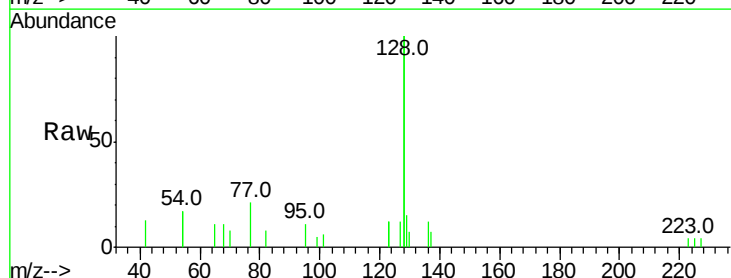
Tgt Ion: 128 Resp: 9365

Ion Ratio Lower Upper

128 100

129 7.7 2.6 3.8#

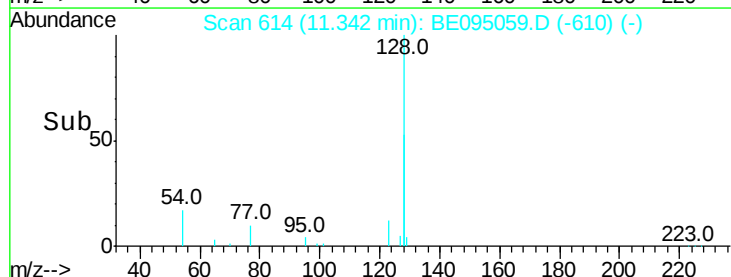
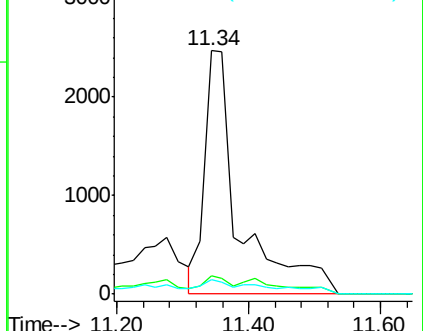
127 6.1 2.8 4.2#

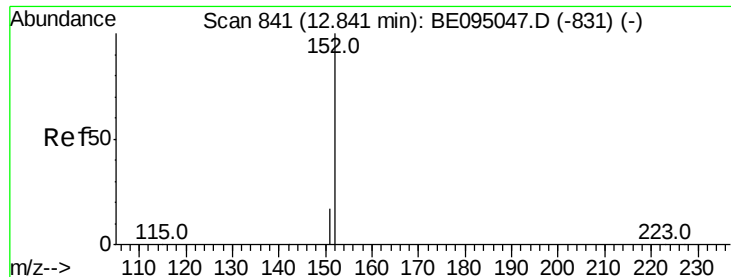


Abundance Ion 128.00 (127.70 to 128.70): BE095047.D (-611) (-)

Ion 129.00 (128.70 to 129.70): BE095047.D (-611) (-)

Ion 127.00 (126.70 to 127.70): BE095047.D (-611) (-)

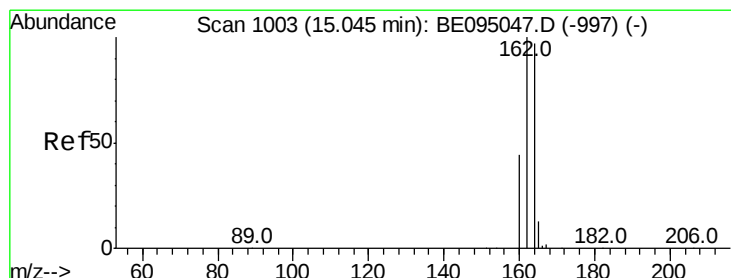
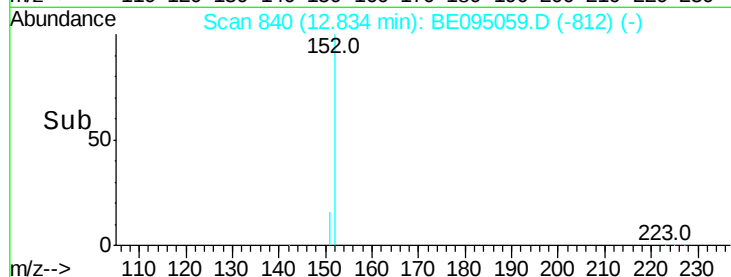
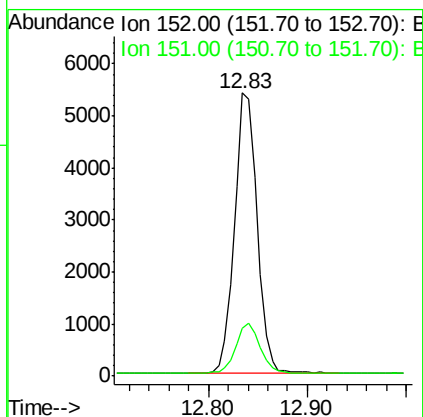
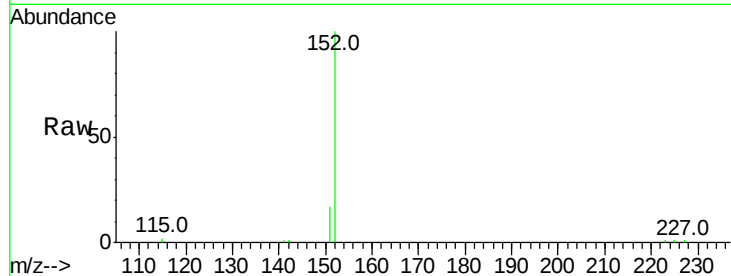




#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 12.83 min Scan# 840
Delta R.T. -0.03 min
Lab File: BE095059.D
Acq: 26 Dec 2017 16:59

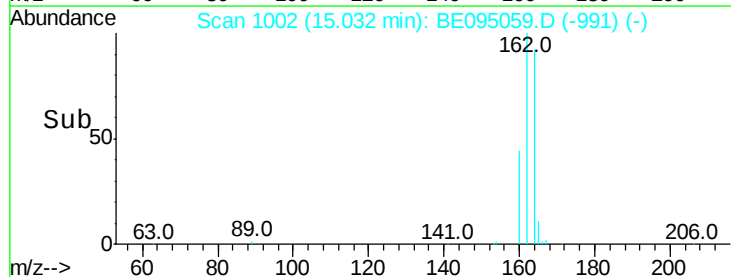
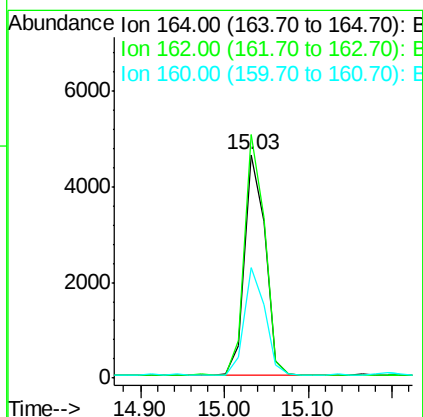
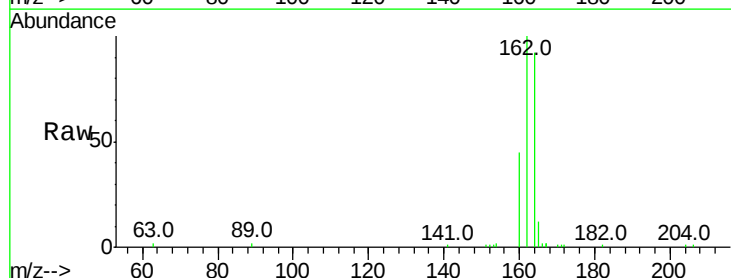
Instrument :
BNA_E
ClientSampleId :
C-MW-7-121917

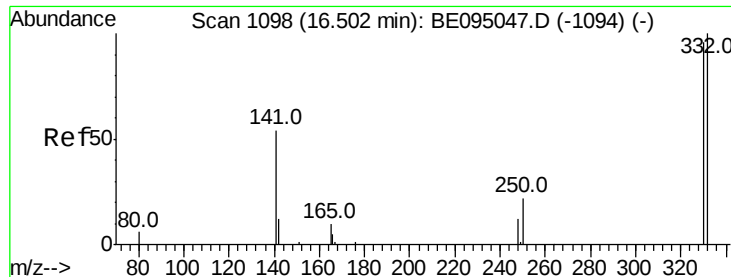
Tot Ion:152 Resp: 8571
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.03 min Scan# 1002
Delta R.T. -0.03 min
Lab File: BE095059.D
Acq: 26 Dec 2017 16:59

Tgt Ion:164 Resp: 7883
Ion Ratio Lower Upper
164 100
162 109.1 83.1 124.7
160 49.3 37.1 55.7





#14

2,4,6-Tribromophenol

Concen: 0.601 ng

RT: 16.50 min Scan# 1098

Delta R.T. -0.03 min

Lab File: BE095059.D

Acq: 26 Dec 2017 16:59

Instrument :

BNA_E

ClientSampleId :

C-MW-7-121917

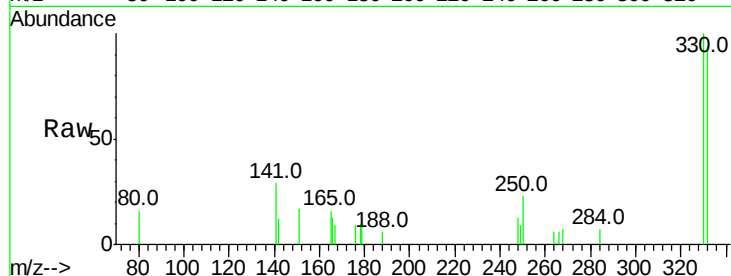
Tot Ion:330 Resp: 1101

Ion Ratio Lower Upper

330 100

332 92.4 152.7 229.1#

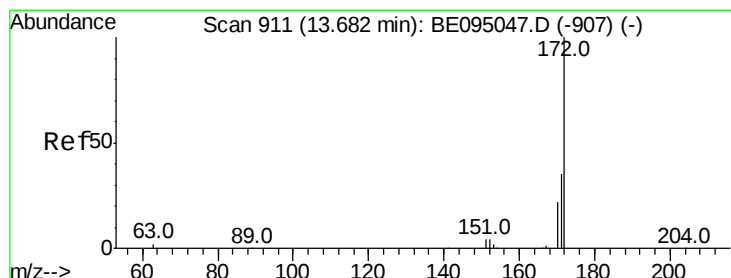
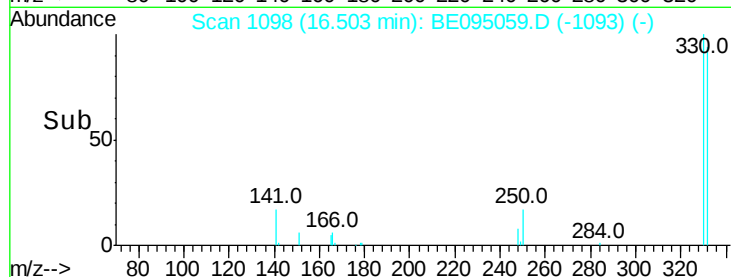
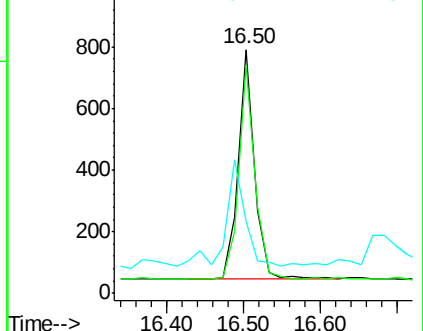
141 52.2 33.7 50.5#



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: 0.504 ng

RT: 13.68 min Scan# 911

Delta R.T. -0.01 min

Lab File: BE095059.D

Acq: 26 Dec 2017 16:59

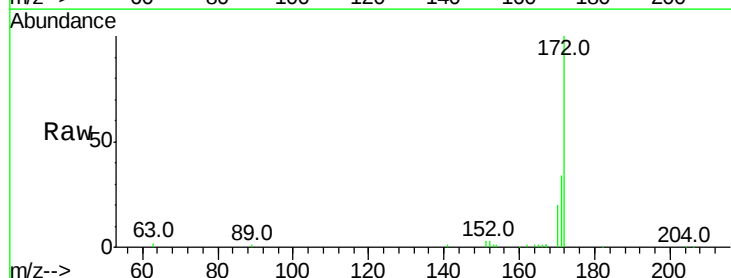
Tgt Ion:172 Resp: 17597

Ion Ratio Lower Upper

172 100

171 33.9 29.9 44.9

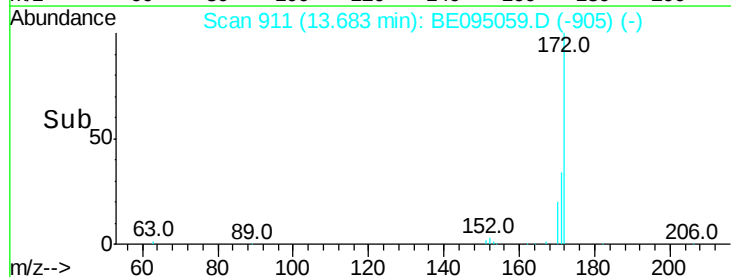
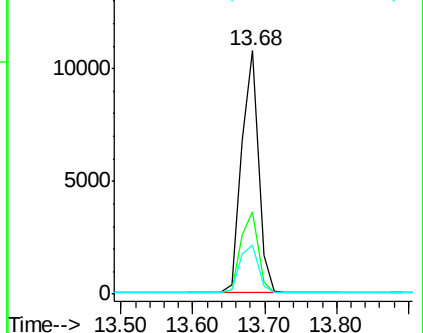
170 20.1 21.8 32.8#

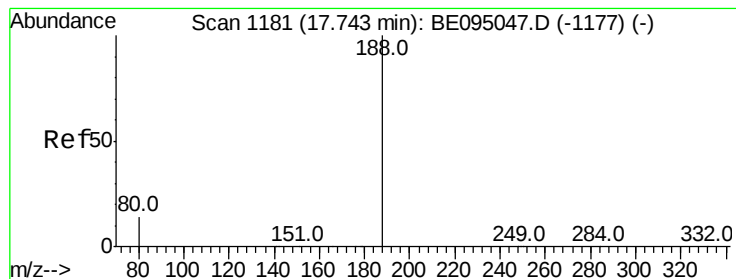


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.74 min Scan# 1181

Delta R.T. -0.03 min

Lab File: BE095059.D

Acq: 26 Dec 2017 16:59

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ClientSampleId :

C-MW-7-121917

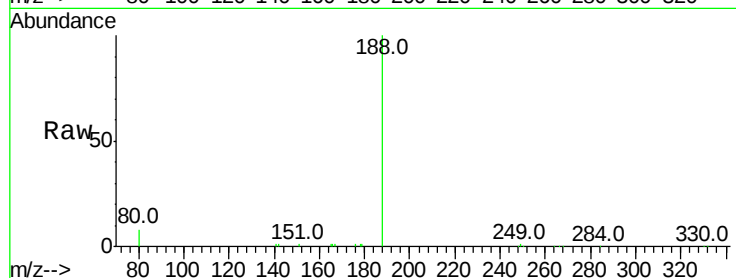
Tot Ion:188 Resp: 17562

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

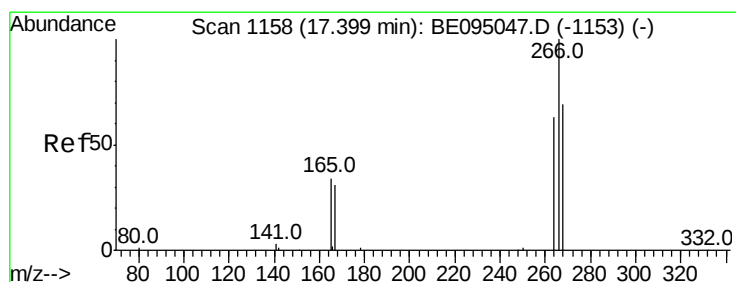
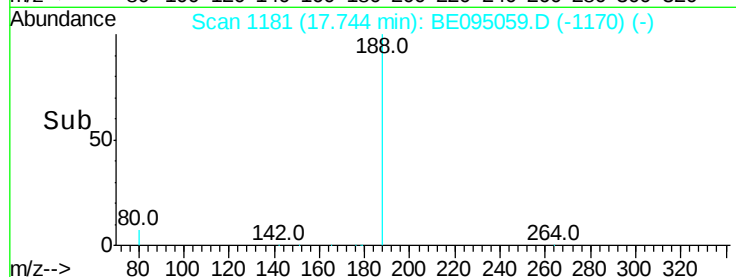
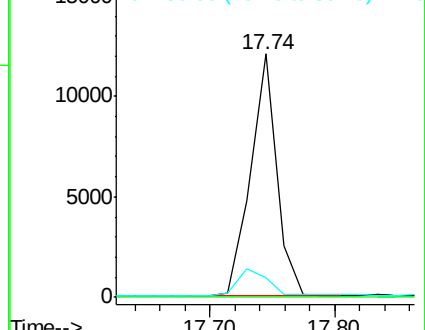
80 8.3 3.6 5.4#



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



#22

Pentachlorophenol

Concen: 0.086 ng

RT: 17.48 min Scan# 1163

Delta R.T. 0.06 min

Lab File: BE095059.D

Acq: 26 Dec 2017 16:59

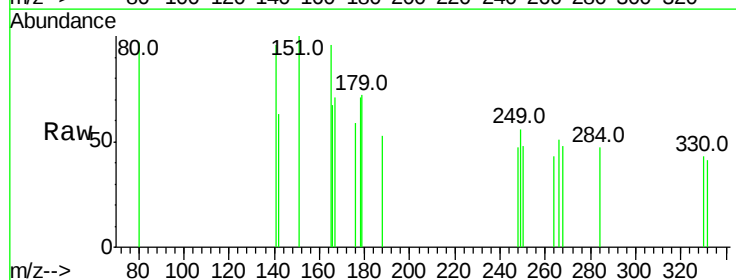
Tgt Ion:266 Resp: 19

Ion Ratio Lower Upper

266 100

264 84.2 72.5 108.7

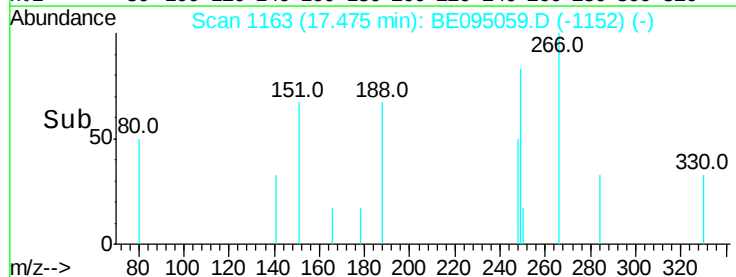
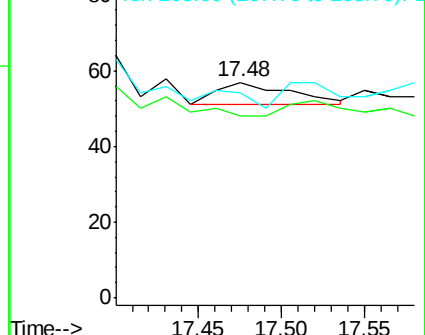
268 94.7 73.8 110.6

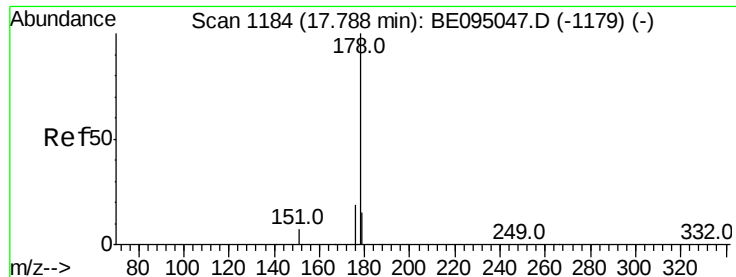


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.022 ng

RT: 17.79 min Scan# 1184

Delta R.T. -0.03 min

Lab File: BE095059.D

Acq: 26 Dec 2017 16:59

Instrument :

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ClientSampleId :

C-MW-7-121917

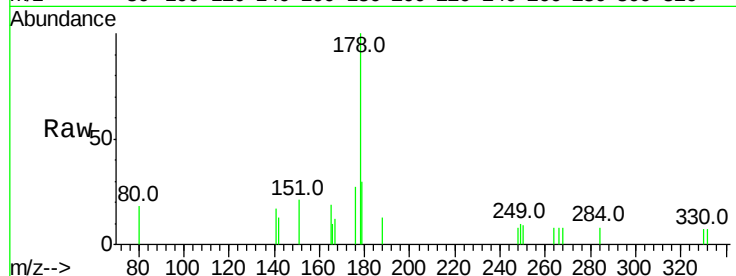
Tot Ion:178 Resp: 1215

Ion Ratio Lower Upper

178 100

176 15.7 15.1 22.7

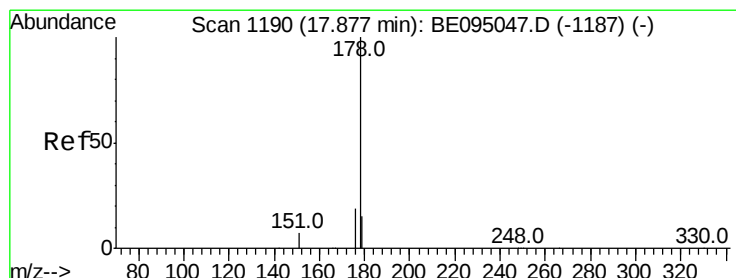
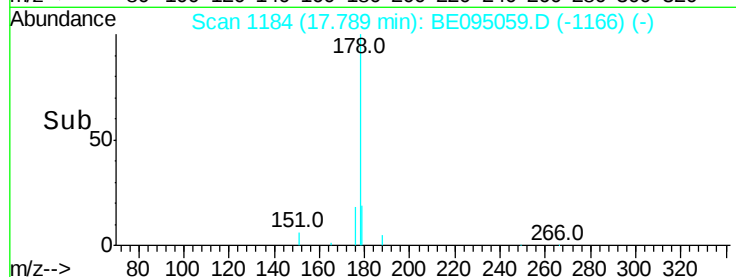
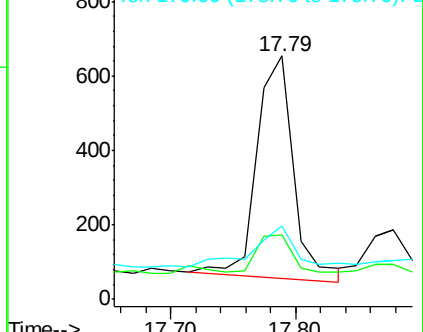
179 20.7 11.8 17.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.021 ng

RT: 17.88 min Scan# 1190

Delta R.T. -0.03 min

Lab File: BE095059.D

Acq: 26 Dec 2017 16:59

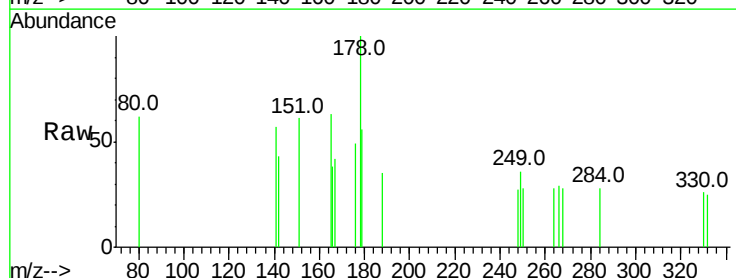
Tgt Ion:178 Resp: 1175

Ion Ratio Lower Upper

178 100

176 3.7 12.8 19.2#

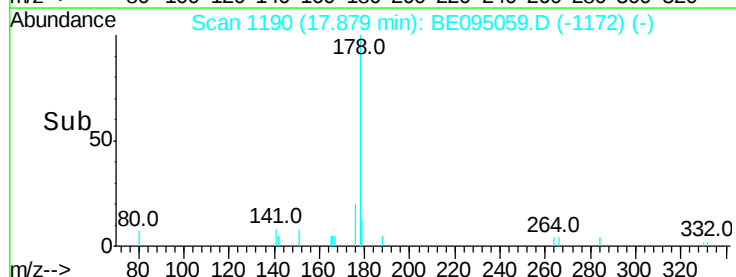
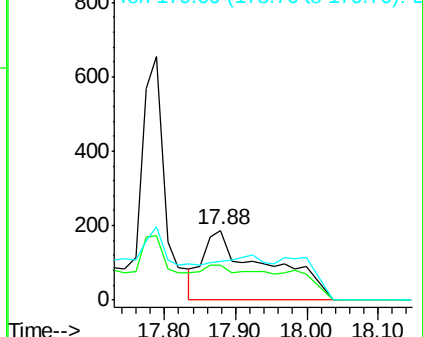
179 0.0 13.0 19.6#

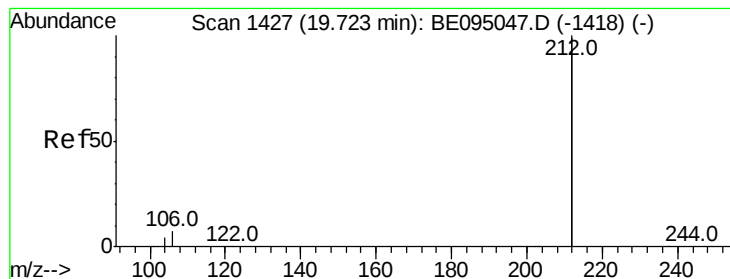


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.407 ng

RT: 19.72 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BE095059.D

Acq: 26 Dec 2017 16:59

Instrument :

BNA_E

ClientSampleId :

C-MW-7-121917

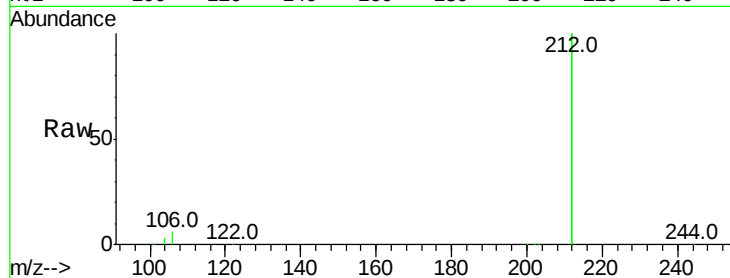
Tot Ion:212 Resp: 92779

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

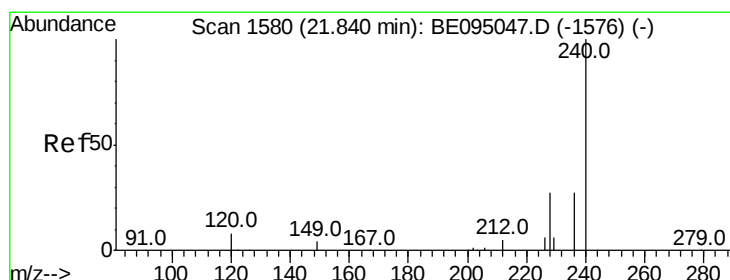
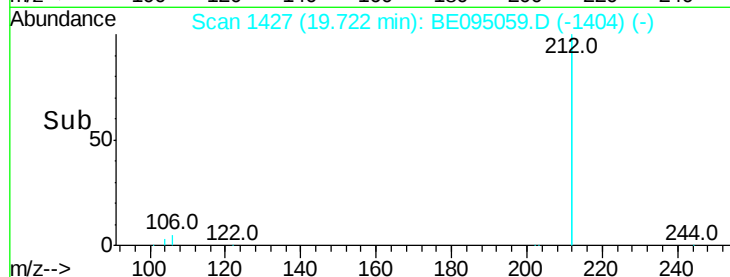
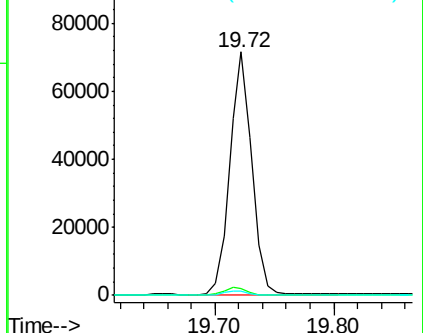
104 1.8 1.6 2.4



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. -0.03 min

Lab File: BE095059.D

Acq: 26 Dec 2017 16:59

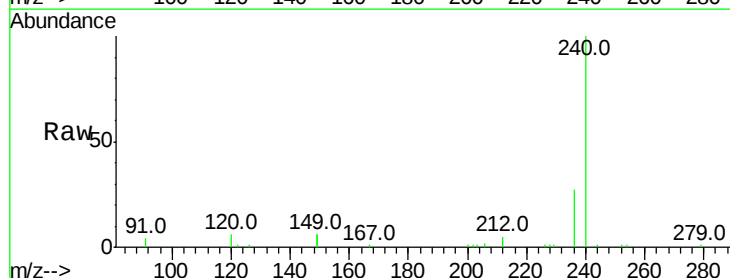
Tgt Ion:240 Resp: 18579

Ion Ratio Lower Upper

240 100

120 5.9 5.5 8.3

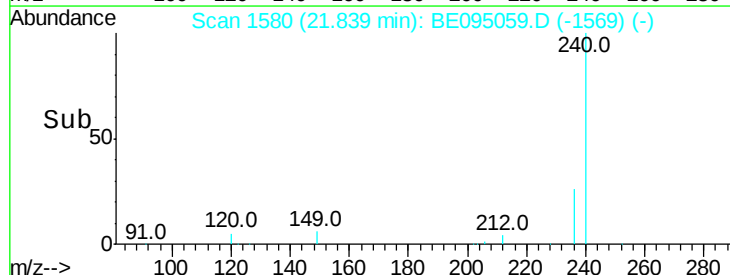
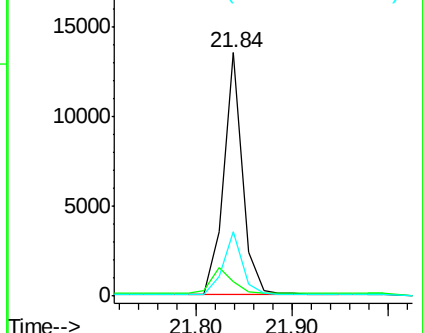
236 26.7 20.7 31.1

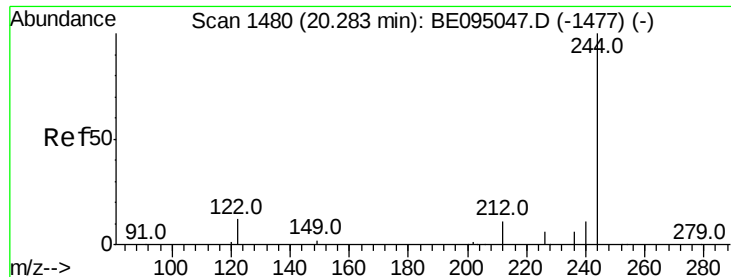


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.614 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095059.D

Acq: 26 Dec 2017 16:59

Instrument :

BNA_E

ClientSampleId :

C-MW-7-121917

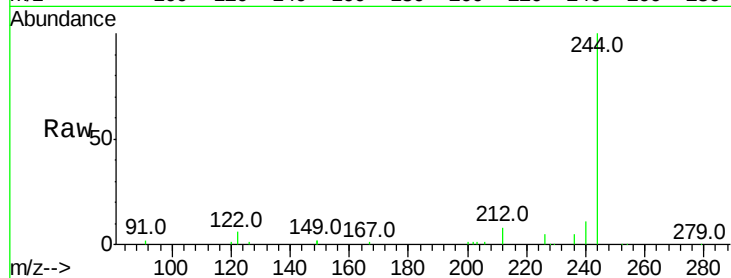
Tot Ion:244 Resp: 21479

Ion Ratio Lower Upper

244 100

212 7.8 25.4 38.0#

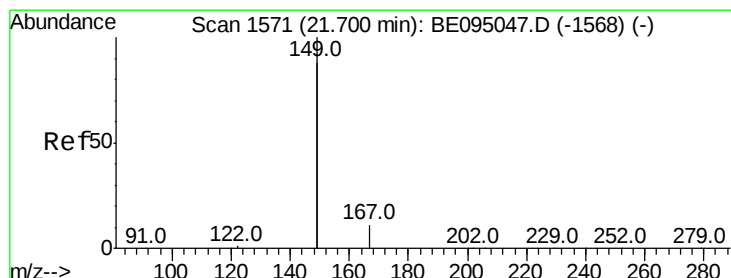
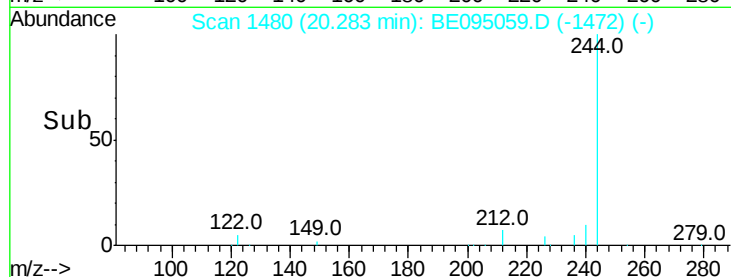
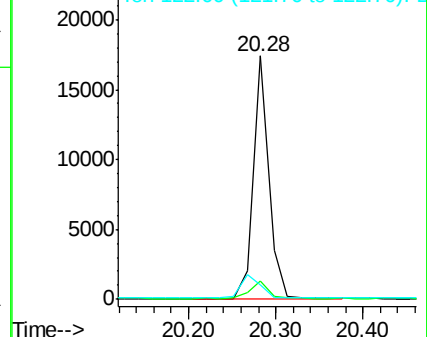
122 5.8 8.1 12.1#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.125 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.05 min

Lab File: BE095059.D

Acq: 26 Dec 2017 16:59

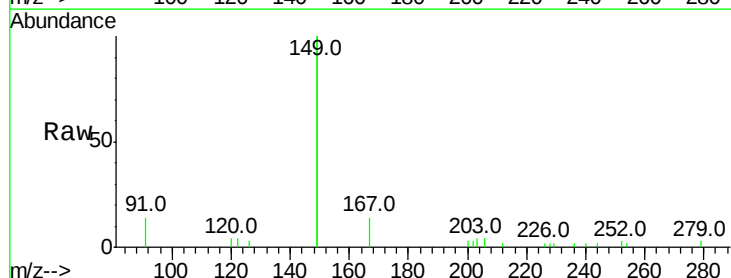
Tgt Ion:149 Resp: 8626

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

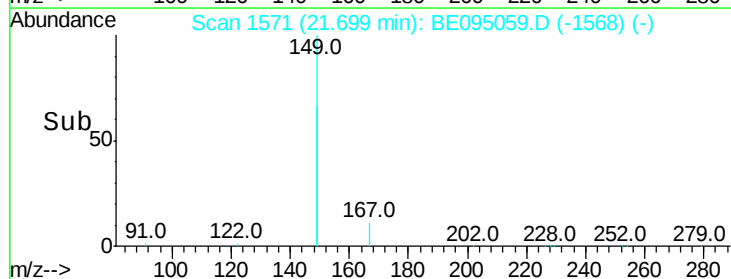
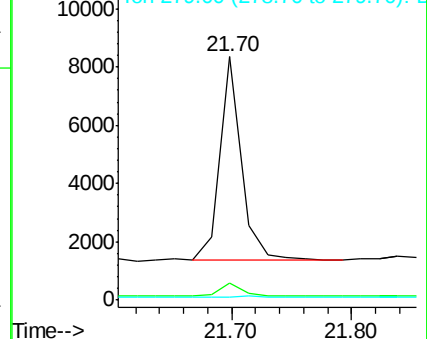
279 1.3 0.7 1.1#

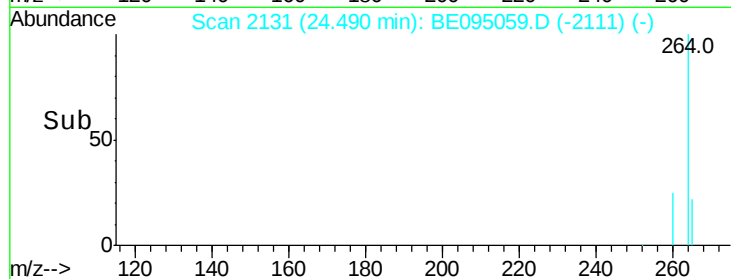
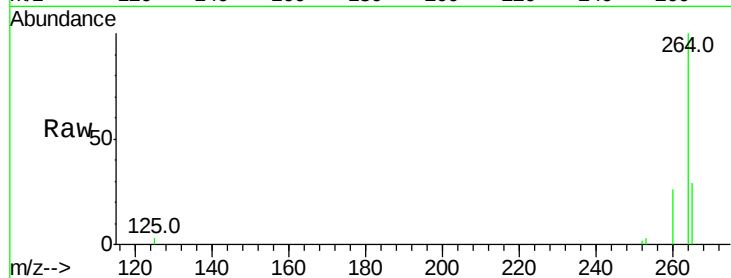
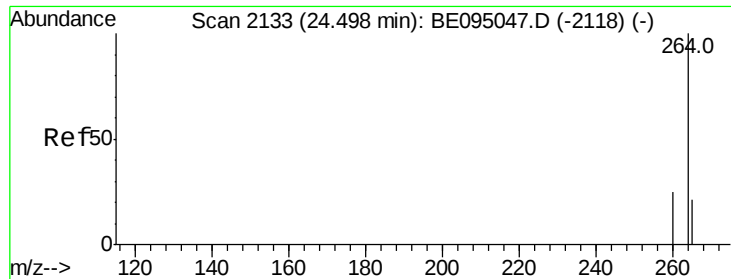


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.49 min Scan# 2131

Delta R.T. -0.06 min

Lab File: BE095059.D

Acq: 26 Dec 2017 16:59

Instrument :

BNA_E

ClientSampleId :

C-MW-7-121917

Tot Ion:264 Resp: 16604

Ion Ratio Lower Upper

264 100

260 25.5 20.5 30.7

265 28.5 22.8 34.2

