

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122617\
 Data File : BE095051.D
 Acq On : 26 Dec 2017 12:16
 Operator : SJ/JU
 Sample : I7004-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-02-121817

Quant Time: Dec 26 13:13:40 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 11:07:17 2017
 Response via : Initial Calibration

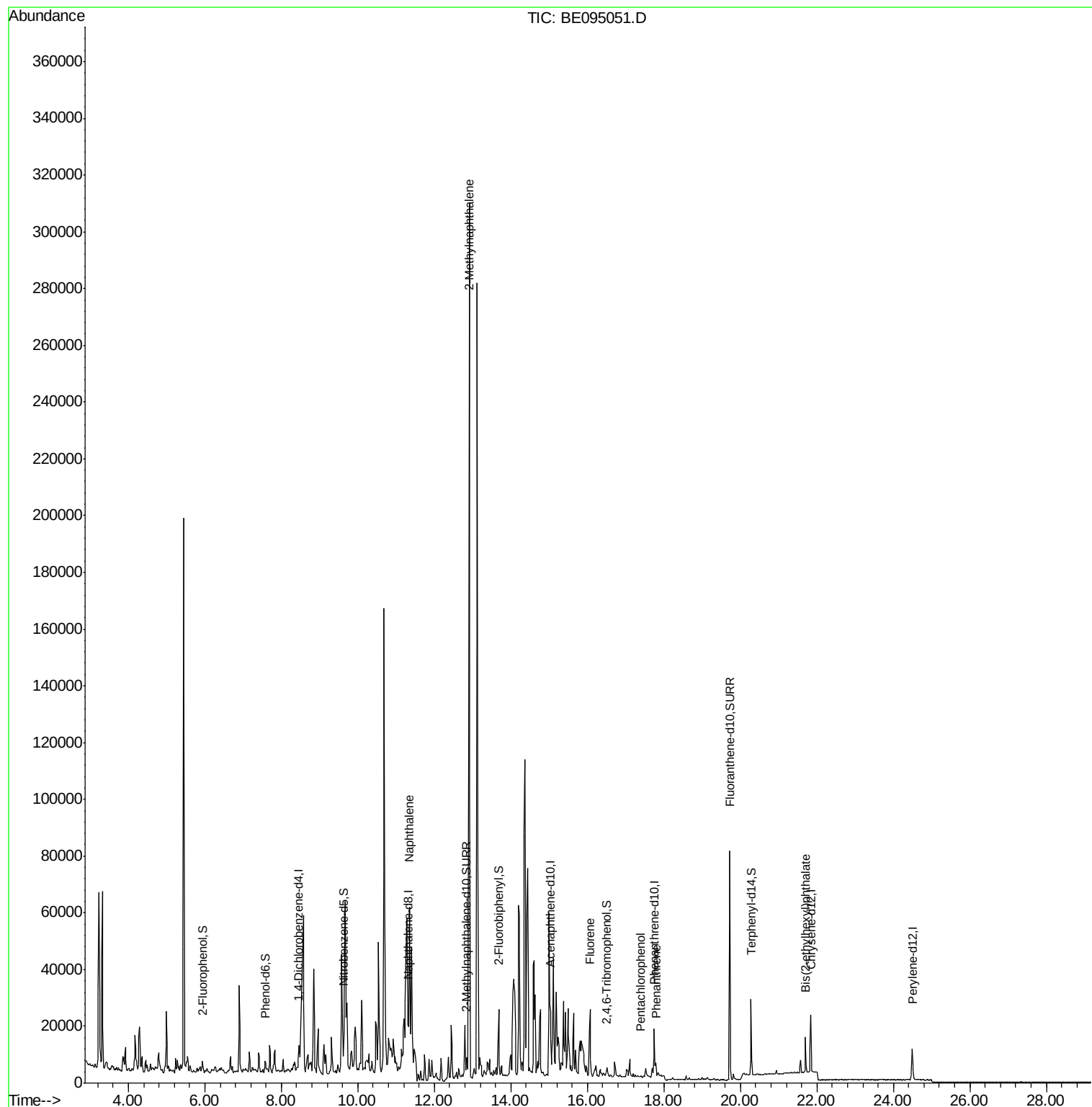
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6985	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	16672	0.40	ng	-0.02
13) Acenaphthene-d10	15.03	164	13034	0.40	ng	-0.03
19) Phenanthrene-d10	17.74	188	21162	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	20993	0.40	ng	-0.03
34) Perylene-d12	24.49	264	18371	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	1680	0.15	ng	-0.01
5) Phenol-d6	7.59	99	1413	0.09	ng	0.00
8) Nitrobenzene-d5	9.63	82	5937	0.43	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	10100	0.37	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	1394	0.46	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	22277	0.39	ng	-0.02
25) Fluoranthene-d10	19.72	212	102300	0.37	ng	-0.03
29) Terphenyl-d14	20.28	244	24539	0.62	ng	-0.03
Target Compounds						Qvalue
9) Naphthalene	11.34	128	141905	0.725	ng	# 83
12) 2-Methylnaphthalene	12.91	142	215916	4.421	ng	98
18) Fluorene	16.07	166	18238	0.318	ng	# 82
22) Pentachlorophenol	17.40	266	195	0.141	ng	90
23) Phenanthrene	17.79	178	5917	0.090	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.70	149	13681	0.175	ng	99

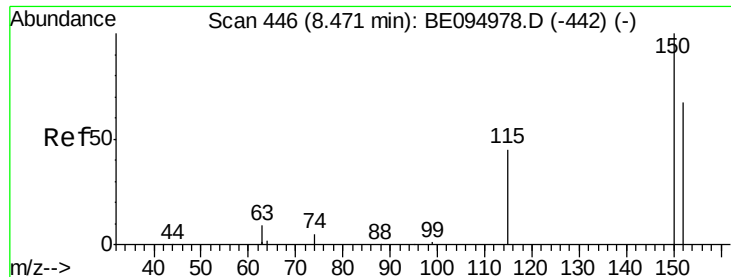
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE095051.D

Acq: 26 Dec 2017 12:16

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-121817

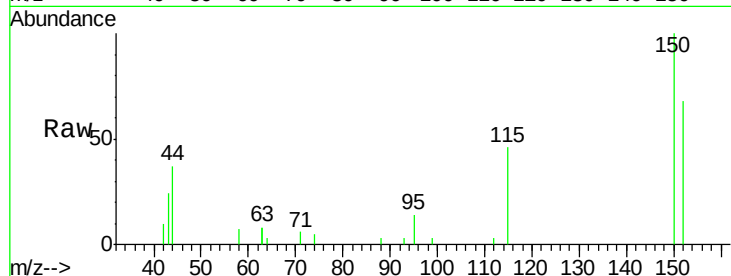
Tgt Ion:152 Resp: 6985

Ion Ratio Lower Upper

152 100

150 147.1 117.2 175.8

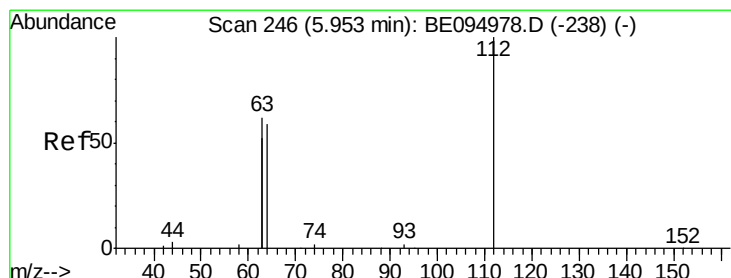
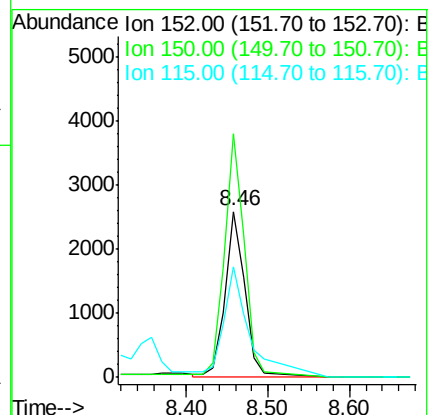
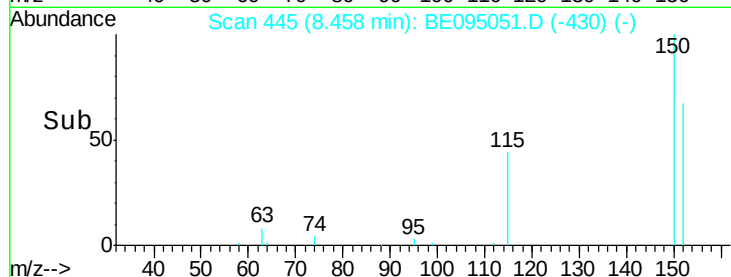
115 67.0 57.0 85.6



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: 0.155 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: BE095051.D

Acq: 26 Dec 2017 12:16

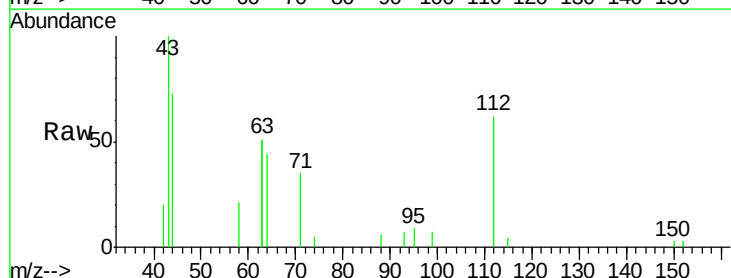
Tgt Ion:112 Resp: 1680

Ion Ratio Lower Upper

112 100

64 59.8 60.1 90.1#

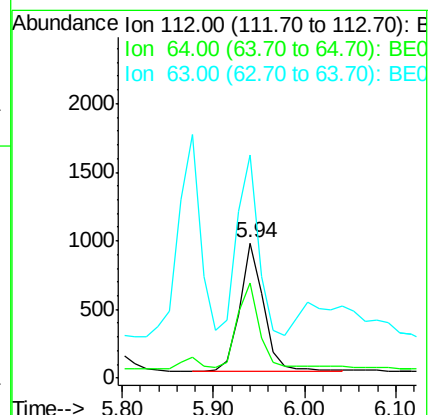
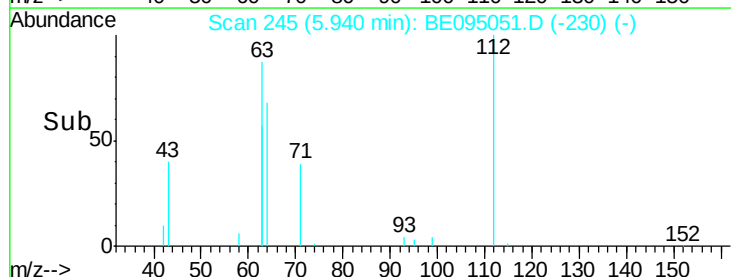
63 125.8 116.8 175.2

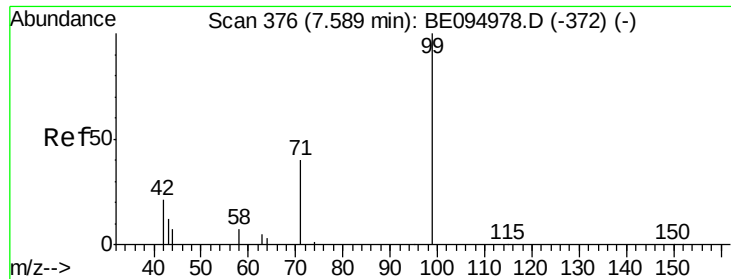


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.088 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE095051.D

Acq: 26 Dec 2017 12:16

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-121817

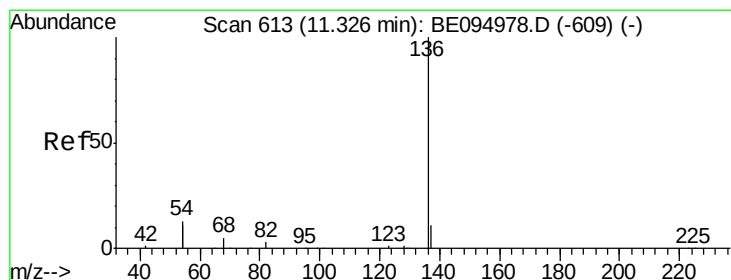
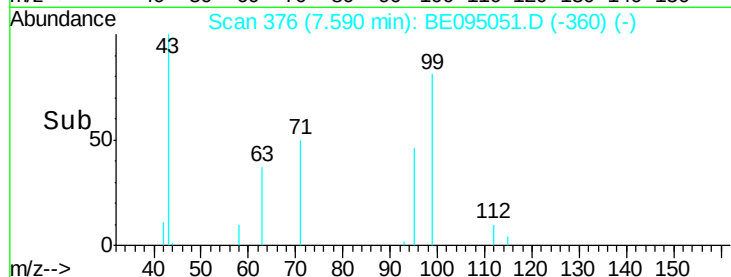
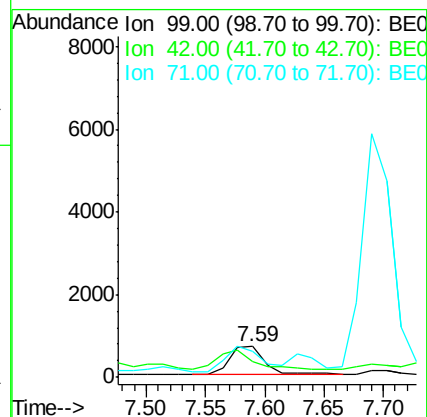
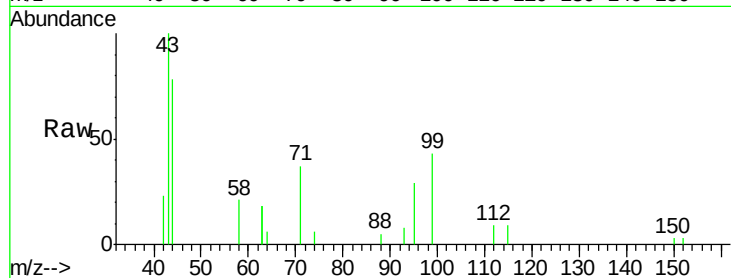
Tgt Ion: 99 Resp: 1413

Ion Ratio Lower Upper

99 100

42 74.8 20.2 30.2#

71 96.4 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: BE095051.D

Acq: 26 Dec 2017 12:16

Tgt Ion: 136 Resp: 16672

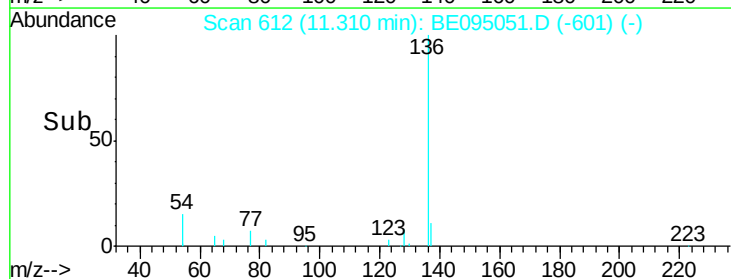
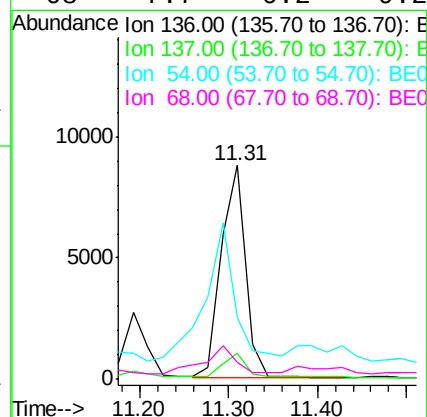
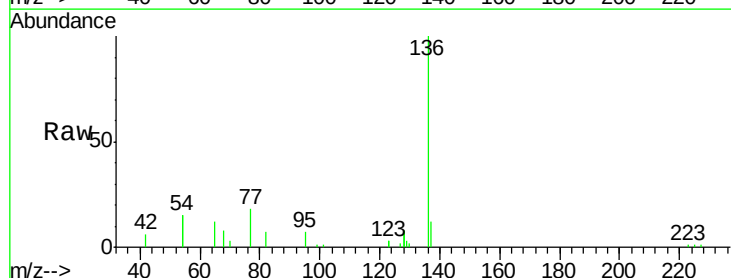
Ion Ratio Lower Upper

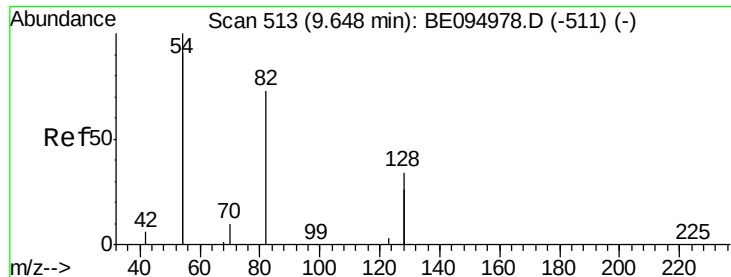
136 100

137 12.0 9.5 14.3

54 29.1 29.1 43.7#

68 7.7 6.2 9.2





#8

Nitrobenzene-d5

Concen: 0.434 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.02 min

Lab File: BE095051.D

Acq: 26 Dec 2017 12:16

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-121817

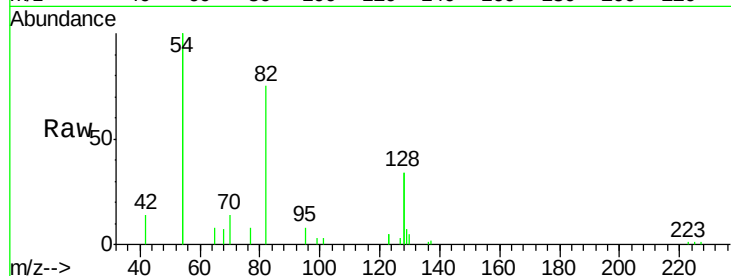
Tgt Ion: 82 Resp: 5937

Ion Ratio Lower Upper

82 100

128 92.2 150.0 225.0#

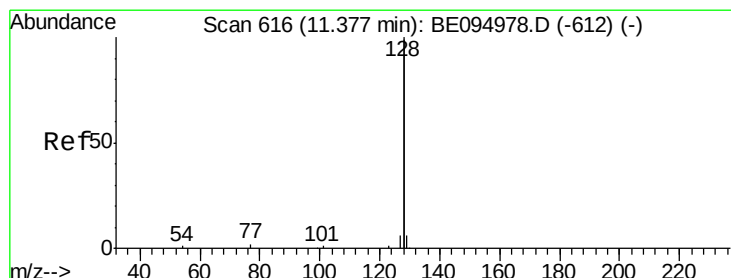
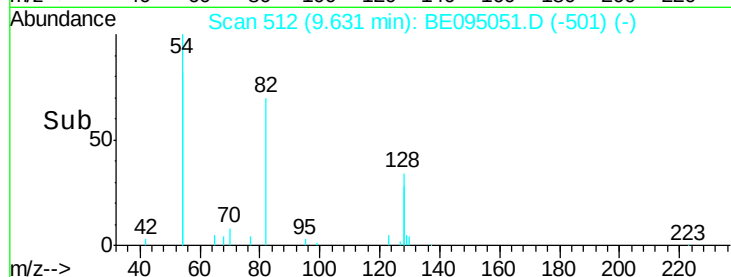
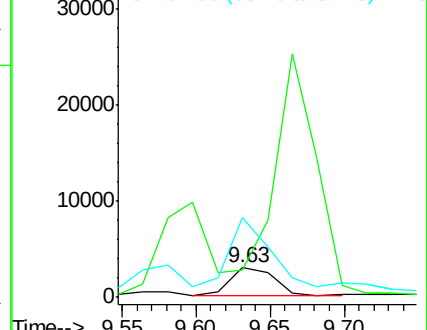
54 268.2 154.2 231.4#



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



#9

Naphthalene

Concen: 0.725 ng

RT: 11.34 min Scan# 614

Delta R.T. -0.03 min

Lab File: BE095051.D

Acq: 26 Dec 2017 12:16

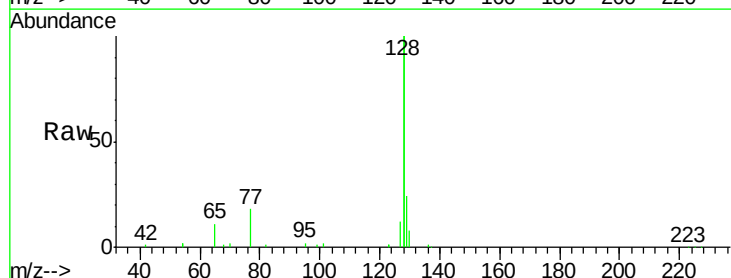
Tgt Ion: 128 Resp: 141905

Ion Ratio Lower Upper

128 100

129 12.1 2.6 3.8#

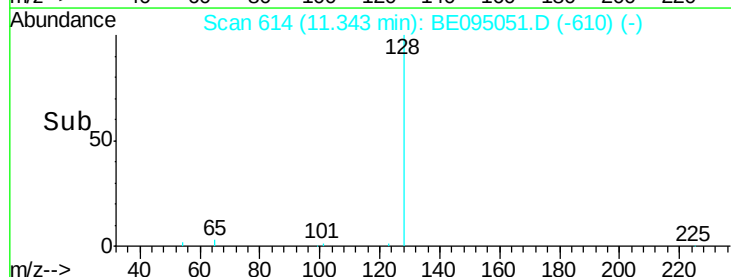
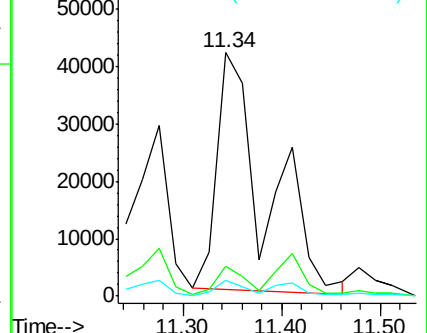
127 6.2 2.8 4.2#

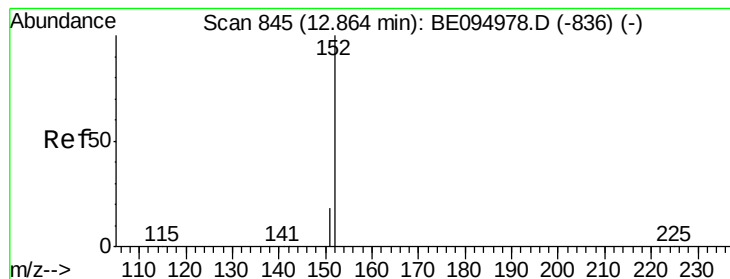


Abundance Ion 128.00 (127.70 to 128.70): BE0

Ion 129.00 (128.70 to 129.70): BE0

Ion 127.00 (126.70 to 127.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.370 ng

RT: 12.84 min Scan# 841

Delta R.T. -0.02 min

Lab File: BE095051.D

Acq: 26 Dec 2017 12:16

Instrument :

BNA_E

ClientSampleId :

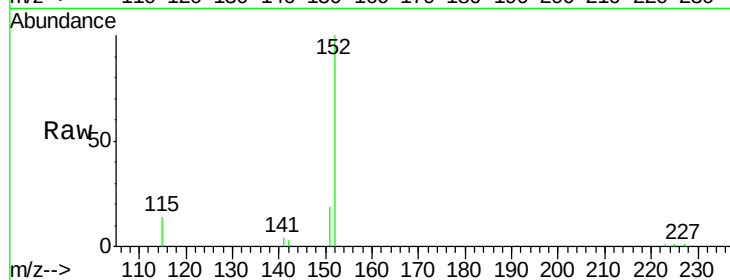
PR-MW-02-121817

Tgt Ion:152 Resp: 10100

Ion Ratio Lower Upper

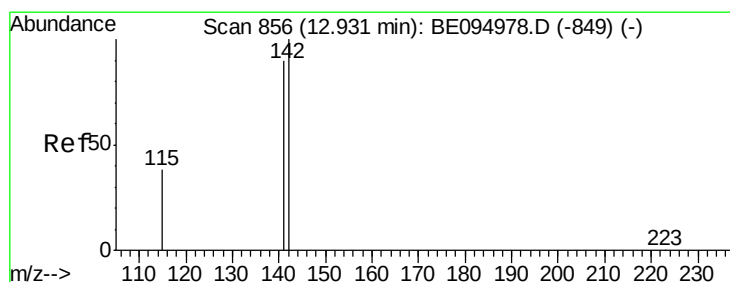
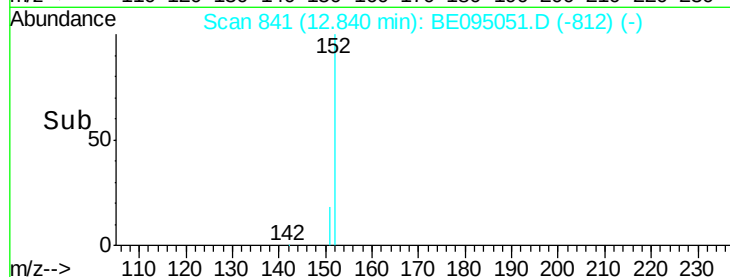
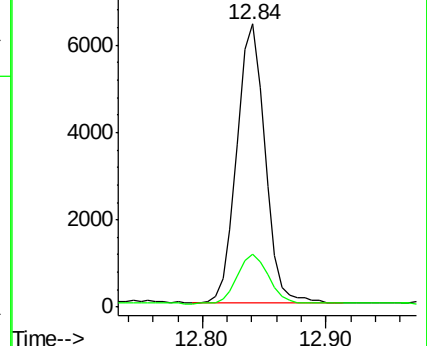
152 100

151 19.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 4.421 ng

RT: 12.91 min Scan# 853

Delta R.T. -0.02 min

Lab File: BE095051.D

Acq: 26 Dec 2017 12:16

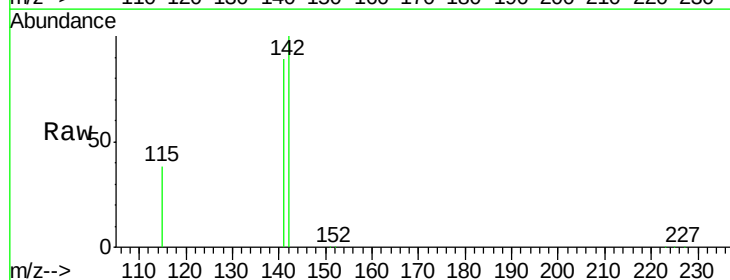
Tgt Ion:142 Resp: 215916

Ion Ratio Lower Upper

142 100

141 88.9 70.4 105.6

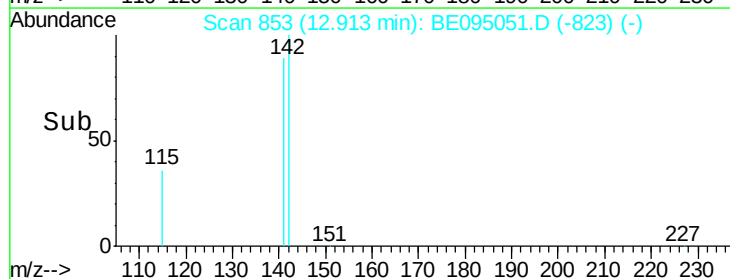
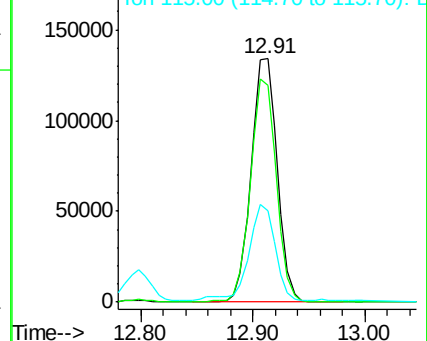
115 37.7 31.7 47.5

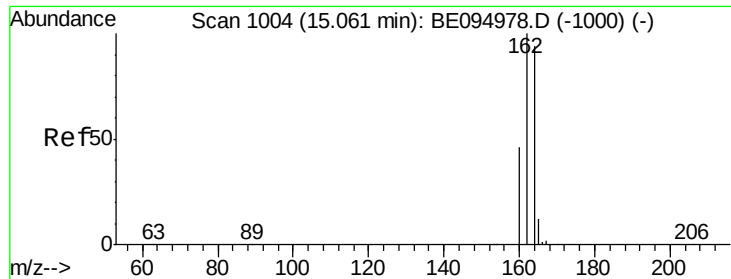


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BE095051.D

Acq: 26 Dec 2017 12:16

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-121817

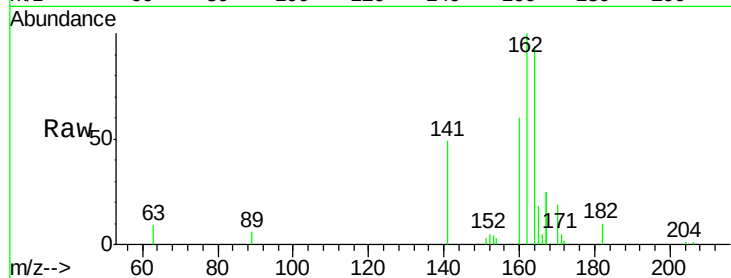
Tgt Ion:164 Resp: 13034

Ion Ratio Lower Upper

164 100

162 106.6 83.1 124.7

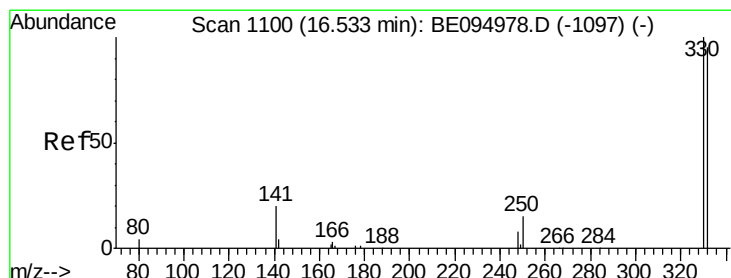
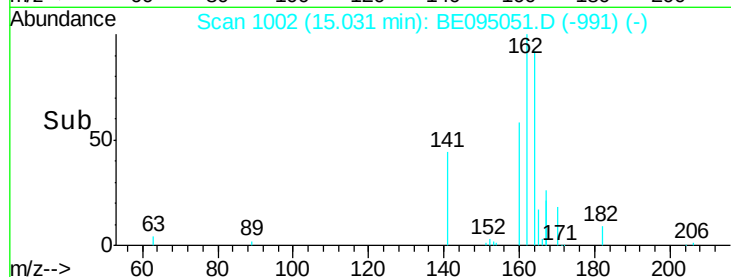
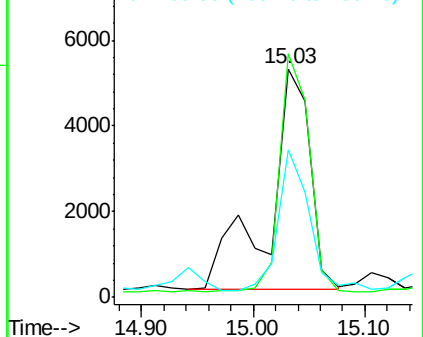
160 64.4 37.1 55.7#



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: 0.460 ng

RT: 16.50 min Scan# 1098

Delta R.T. -0.03 min

Lab File: BE095051.D

Acq: 26 Dec 2017 12:16

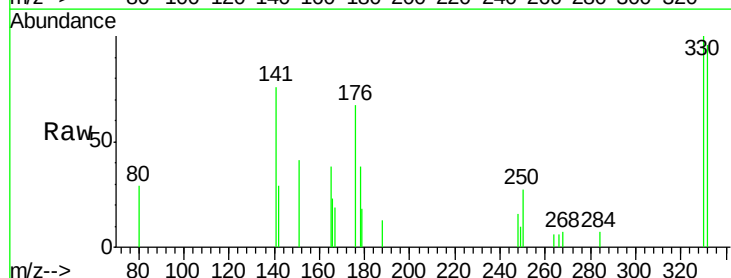
Tgt Ion:330 Resp: 1394

Ion Ratio Lower Upper

330 100

332 97.7 152.7 229.1#

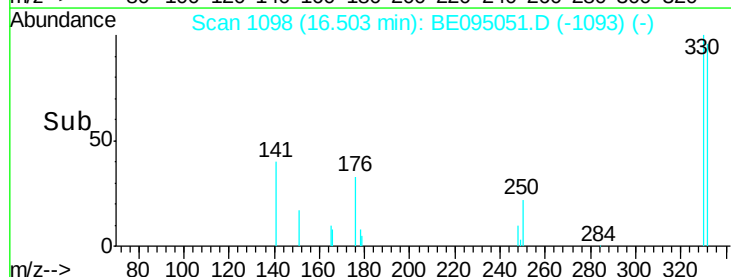
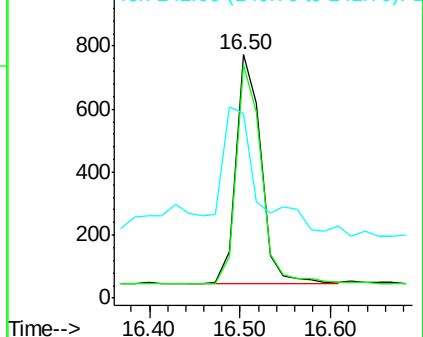
141 72.8 33.7 50.5#

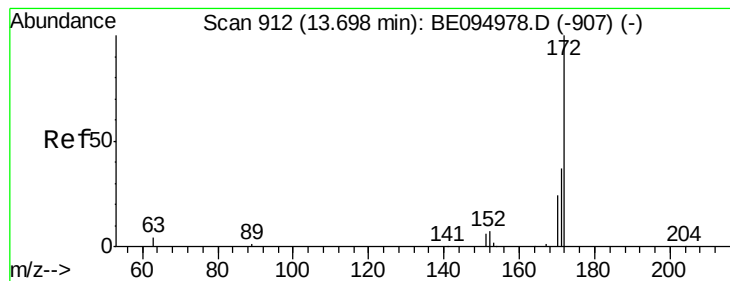


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.386 ng

RT: 13.68 min Scan# 911

Delta R.T. -0.02 min

Lab File: BE095051.D

Acq: 26 Dec 2017 12:16

Instrument :

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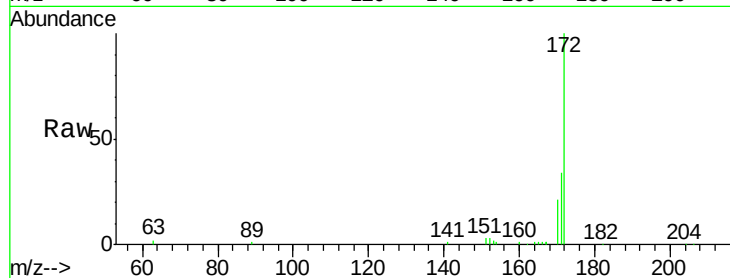
Tgt Ion:172 Resp: 22277

Ion Ratio Lower Upper

172 100

171 34.1 29.9 44.9

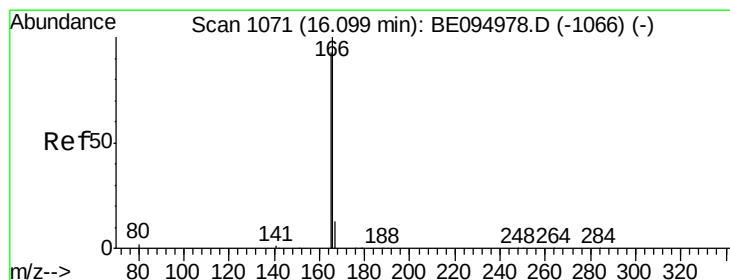
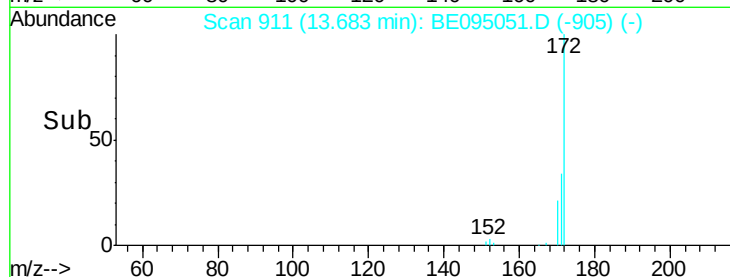
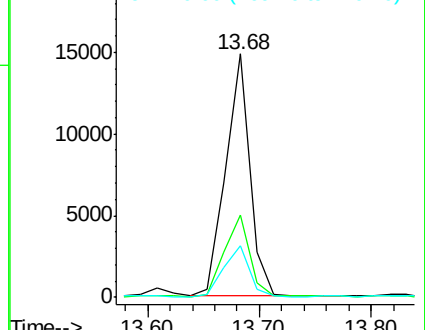
170 21.2 21.8 32.8#



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



#18

Fluorene

Concen: 0.318 ng

RT: 16.07 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BE095051.D

Acq: 26 Dec 2017 12:16

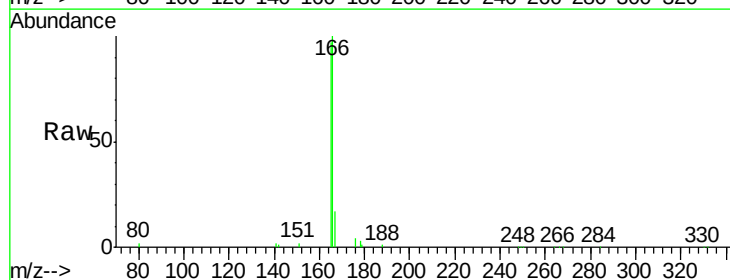
Tgt Ion:166 Resp: 18238

Ion Ratio Lower Upper

166 100

165 104.4 77.8 116.6

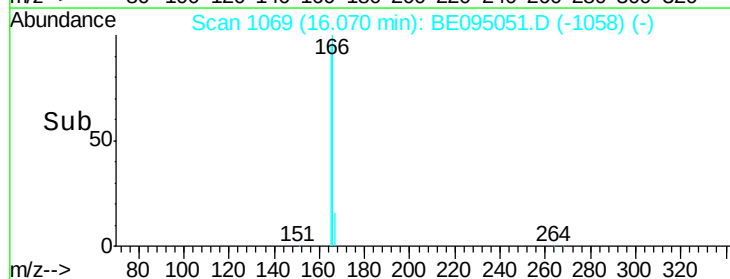
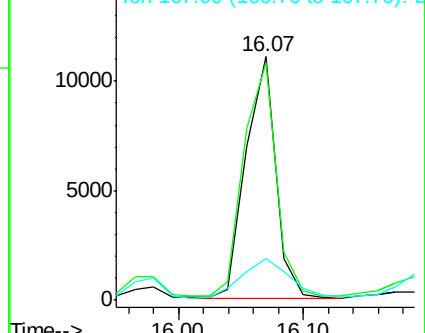
167 26.6 42.4 63.6#

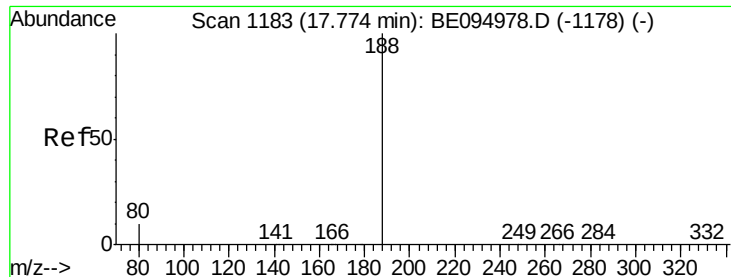


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.03 min

Lab File: BE095051.D

Acq: 26 Dec 2017 12:16

Instrument :

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PR-MW-02-121817

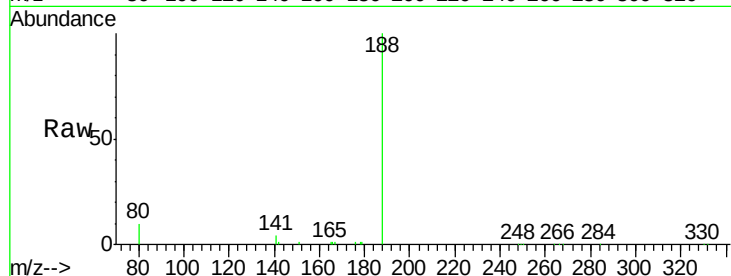
Tgt Ion:188 Resp: 21162

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

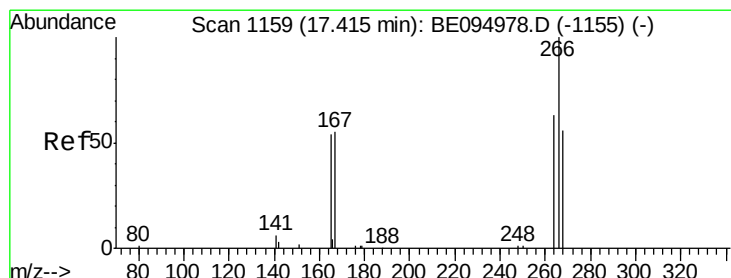
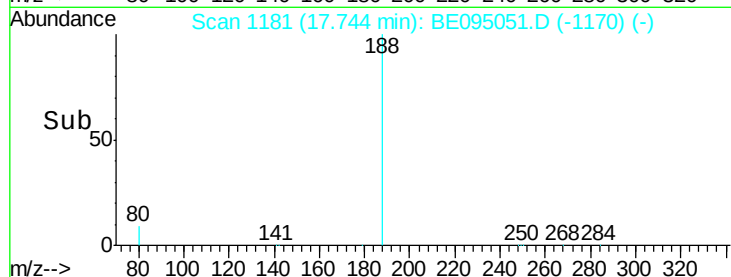
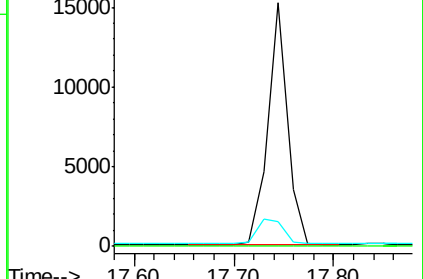
80 10.1 3.6 5.4#



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: 0.141 ng

RT: 17.40 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BE095051.D

Acq: 26 Dec 2017 12:16

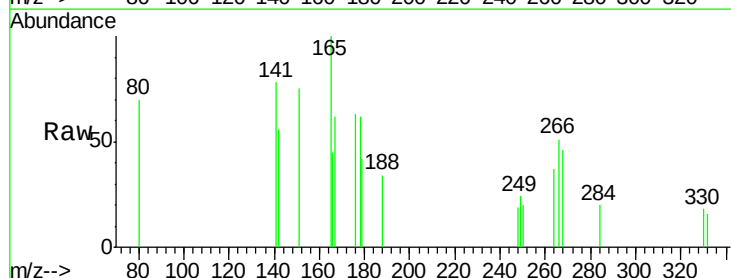
Tgt Ion:266 Resp: 195

Ion Ratio Lower Upper

266 100

264 73.0 72.5 108.7

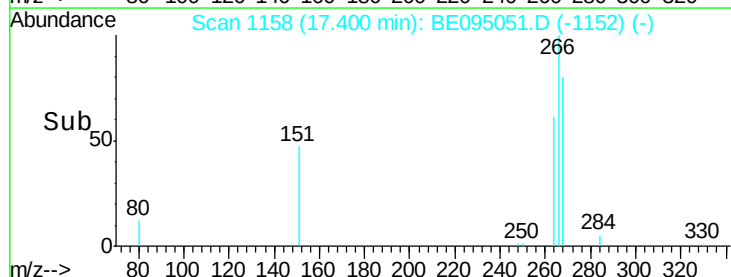
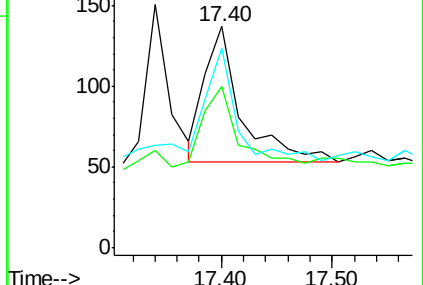
268 90.5 73.8 110.6

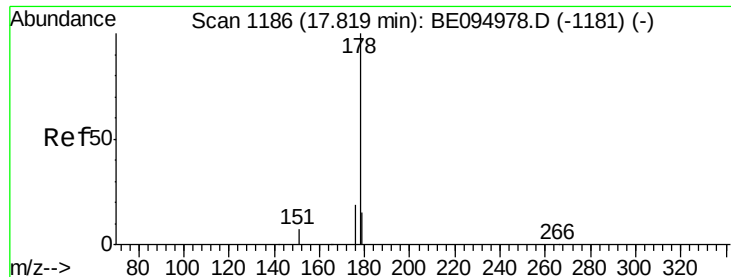


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.090 ng

RT: 17.79 min Scan# 1184

Delta R.T. -0.03 min

Lab File: BE095051.D

Acq: 26 Dec 2017 12:16

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-121817

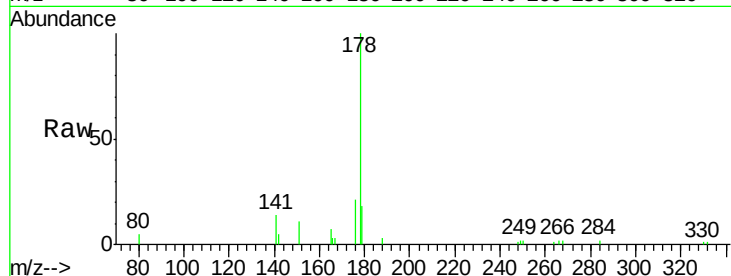
Tgt Ion:178 Resp: 5917

Ion Ratio Lower Upper

178 100

176 17.7 15.1 22.7

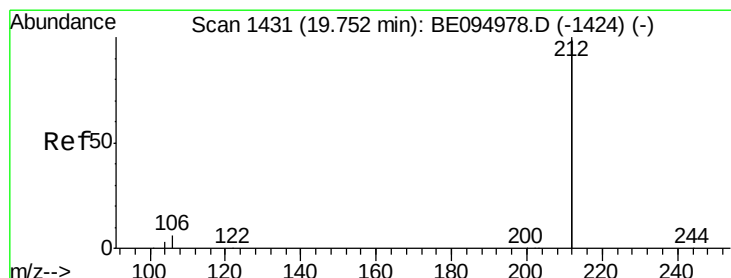
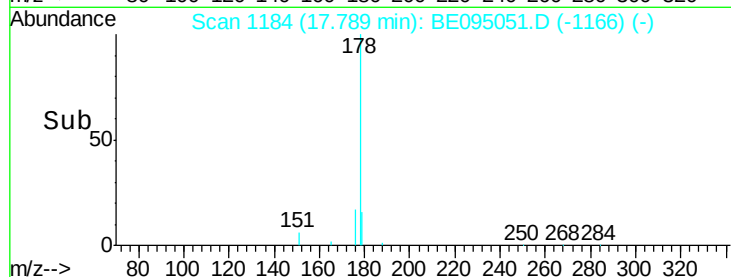
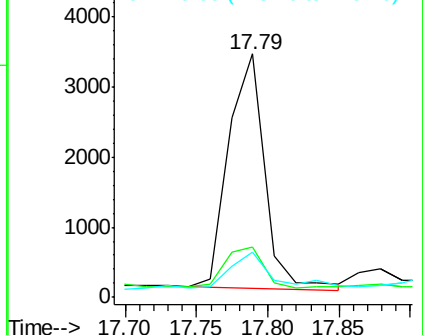
179 23.9 11.8 17.6#



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



#25

Fluoranthene-d10

Concen: 0.373 ng

RT: 19.72 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BE095051.D

Acq: 26 Dec 2017 12:16

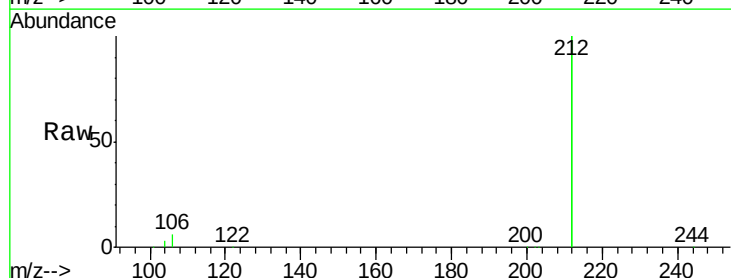
Tgt Ion:212 Resp: 102300

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

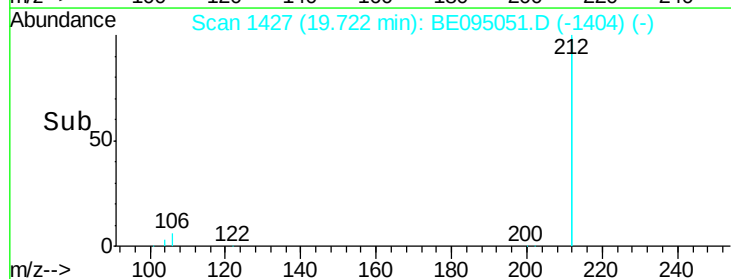
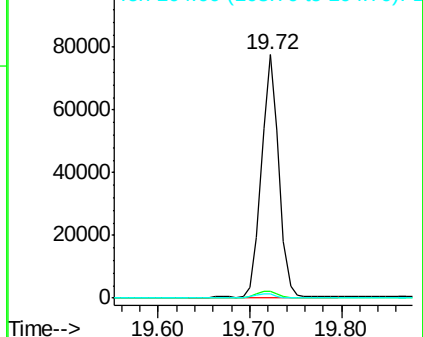
104 1.9 1.6 2.4

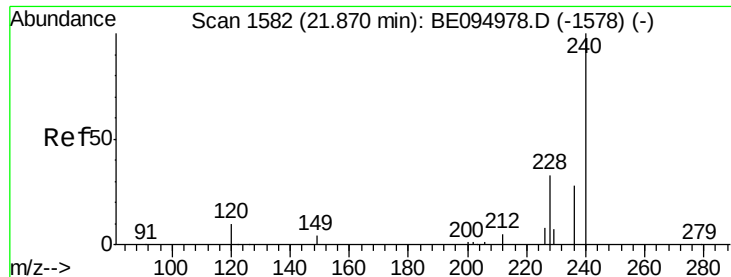


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

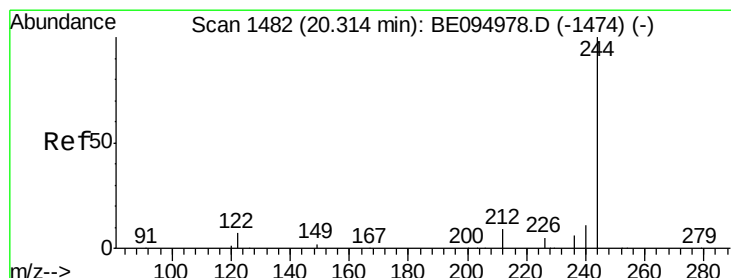
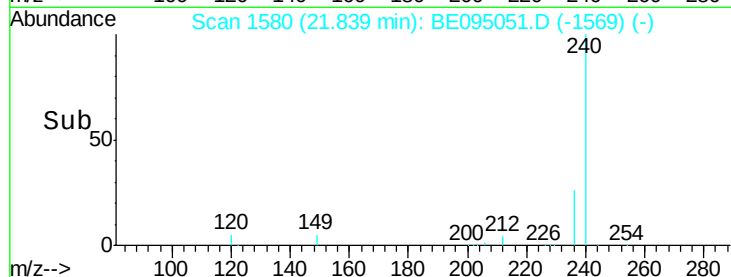
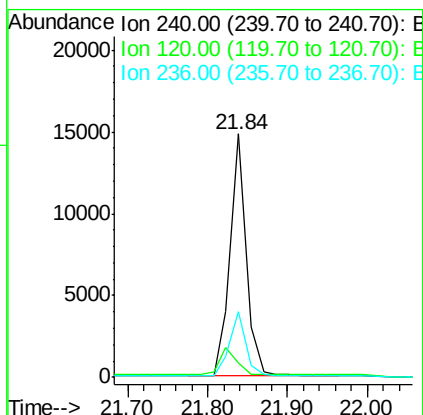
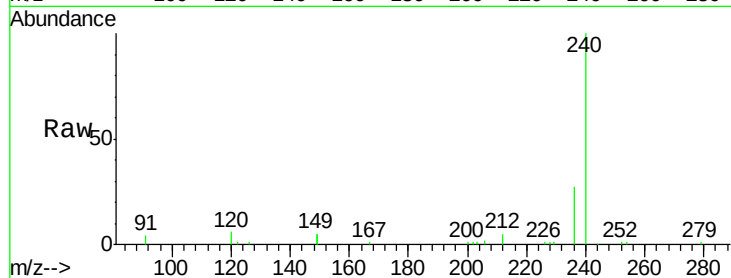




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.84 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BE095051.D
 Acq: 26 Dec 2017 12:16

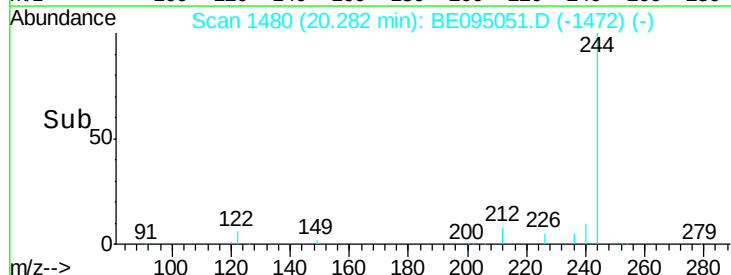
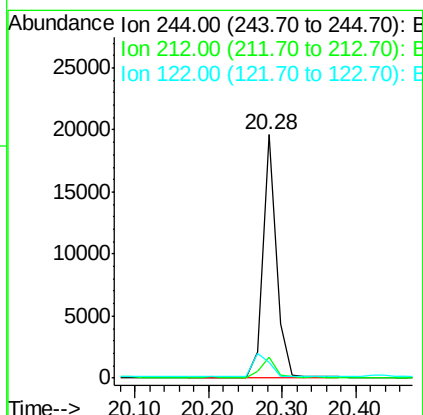
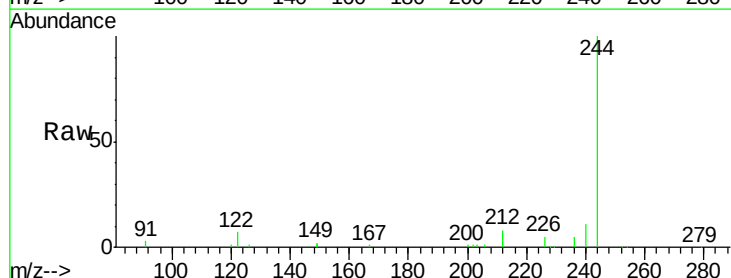
Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-02-121817

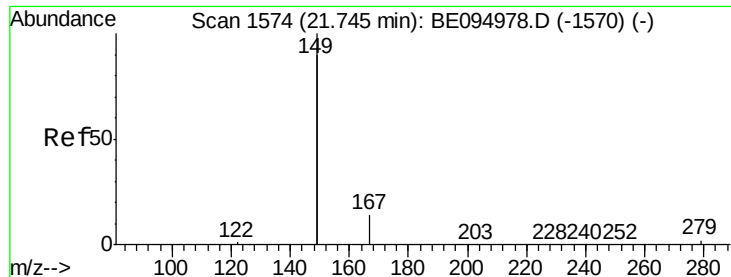
Tgt Ion: 240 Resp: 20993
 Ion Ratio Lower Upper
 240 100
 120 5.9 5.5 8.3
 236 26.9 20.7 31.1



#29
 Terphenyl-d14
 Concen: 0.621 ng
 RT: 20.28 min Scan# 1480
 Delta R.T. -0.03 min
 Lab File: BE095051.D
 Acq: 26 Dec 2017 12:16

Tgt Ion: 244 Resp: 24539
 Ion Ratio Lower Upper
 244 100
 212 8.5 25.4 38.0#
 122 6.7 8.1 12.1#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.175 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.05 min

Lab File: BE095051.D

Acq: 26 Dec 2017 12:16

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-121817

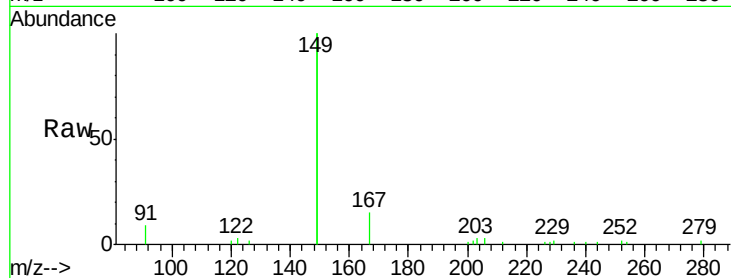
Tgt Ion:149 Resp: 13681

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

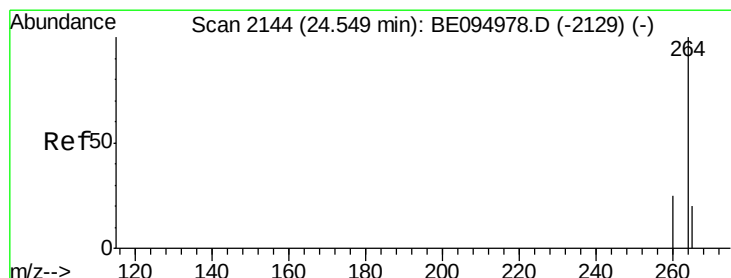
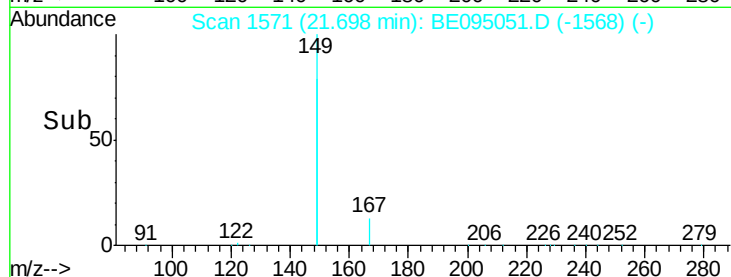
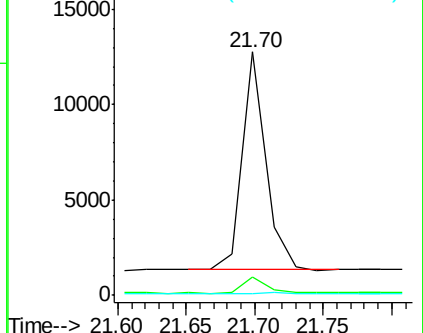
279 1.0 0.7 1.1



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

Perylene-d12

Concen: 0.400 ng

RT: 24.49 min Scan# 2132

Delta R.T. -0.05 min

Lab File: BE095051.D

Acq: 26 Dec 2017 12:16

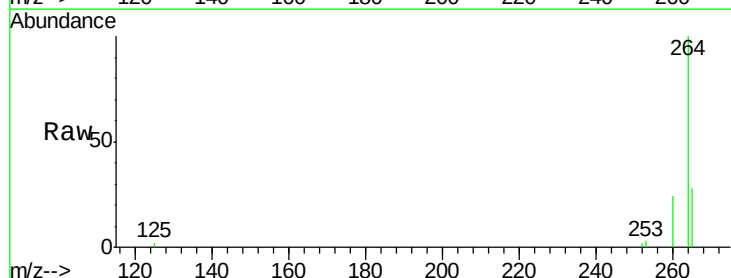
Tgt Ion:264 Resp: 18371

Ion Ratio Lower Upper

264 100

260 24.3 20.5 30.7

265 28.3 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

