

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122617\
 Data File : BE095056.D
 Acq On : 26 Dec 2017 15:15
 Operator : SJ/JU
 Sample : I7004-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-5-121817

Quant Time: Dec 26 16:51:23 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	6049	0.40	ng	0.00
7) Naphthalene-d8	11.31	136	13898	0.40	ng	-0.02
13) Acenaphthene-d10	15.03	164	12371	0.40	ng	-0.03
19) Phenanthrene-d10	17.74	188	17853	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	19191	0.40	ng	-0.03
34) Perylene-d12	24.49	264	17529	0.40	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.96	112	4190	0.45	ng	0.00
5) Phenol-d6	7.58	99	2088	0.15	ng	0.00
8) Nitrobenzene-d5	9.63	82	7558	0.66	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	9545	0.42	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	1645	0.57	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	17693	0.32	ng	-0.01
25) Fluoranthene-d10	19.72	212	95795	0.41	ng	-0.03
29) Terphenyl-d14	20.28	244	21271	0.59	ng	-0.03

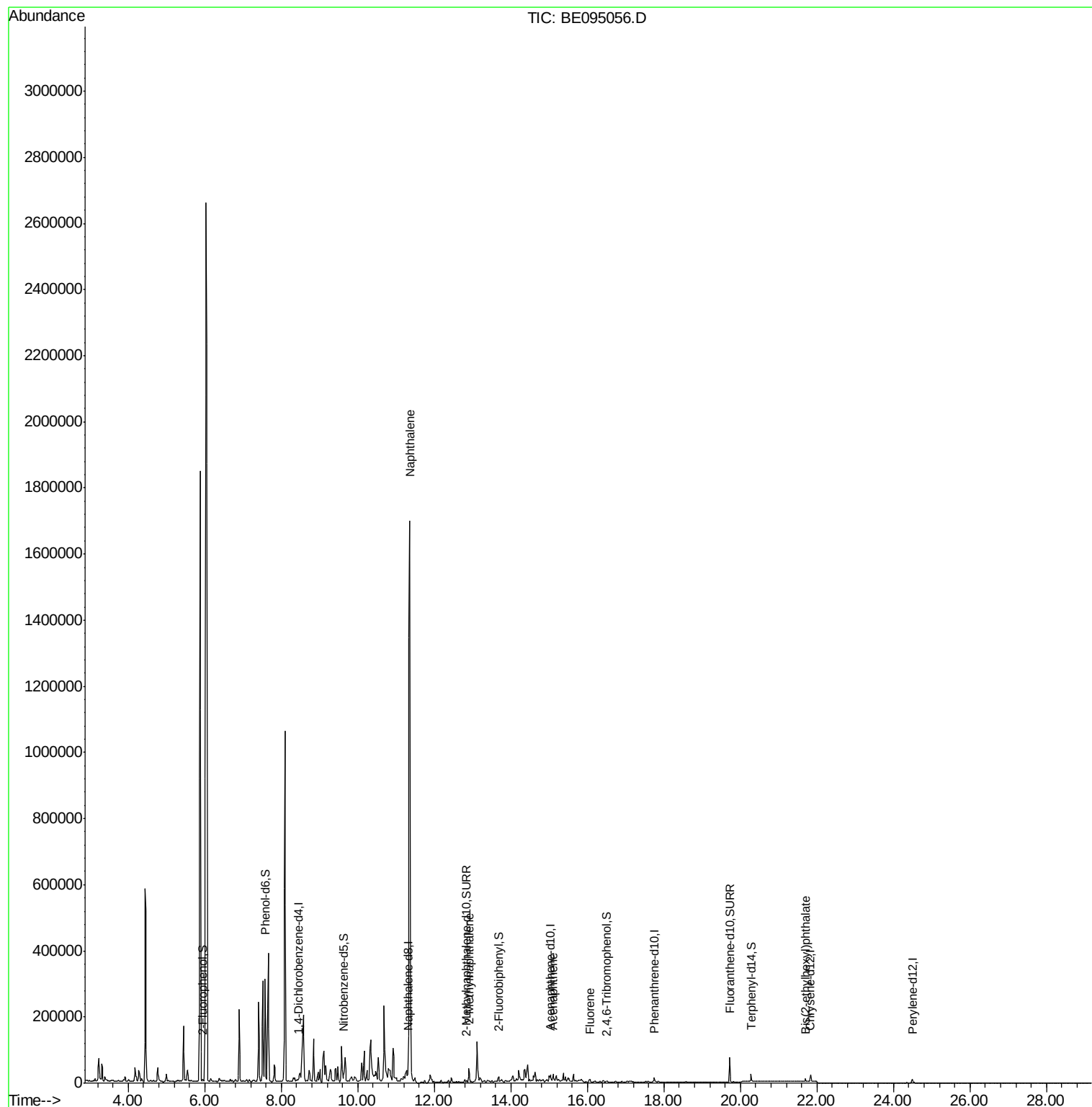
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	11.36	128	3164512	19.390	ng	99
12) 2-Methylnaphthalene	12.91	142	28203	0.693	ng	# 92
17) Acenaphthene	15.11	154	3353	0.076	ng	# 43
18) Fluorene	16.07	166	6944	0.127	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.70	149	8986	0.126	ng	# 99

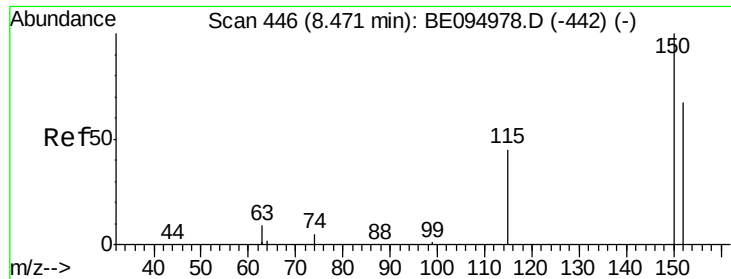
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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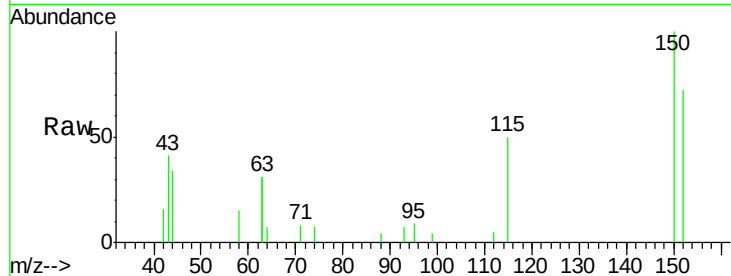


#1

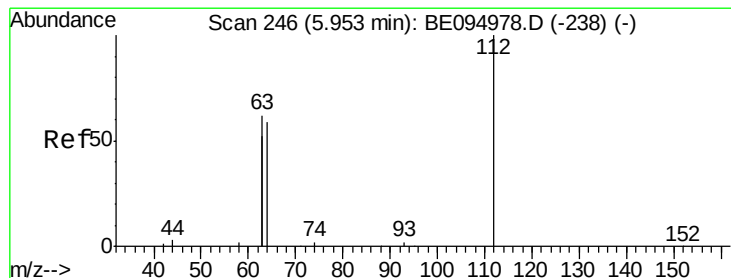
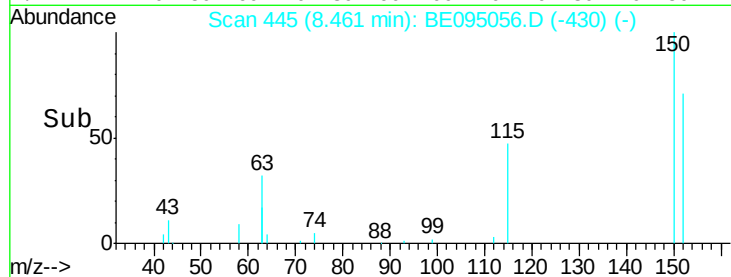
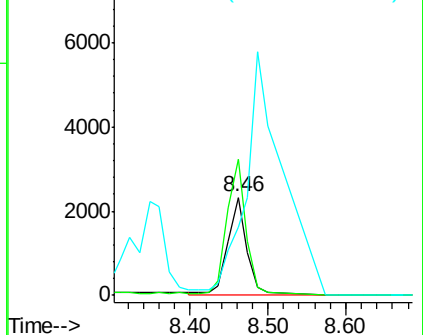
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.46 min Scan# 445
 Delta R.T. -0.01 min
 Lab File: BE095056.D
 Acq: 26 Dec 2017 15:15

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-5-121817

Tgt Ion:152 Resp: 6049
 Ion Ratio Lower Upper
 152 100
 150 138.8 117.2 175.8
 115 69.6 57.0 85.6



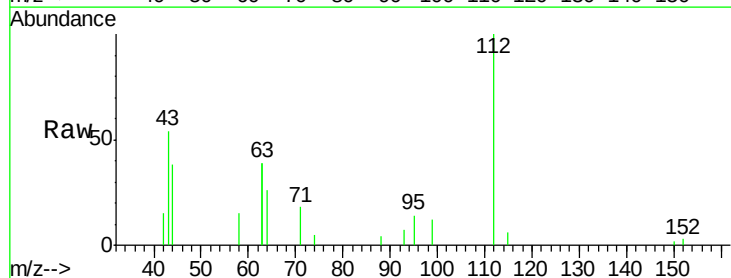
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



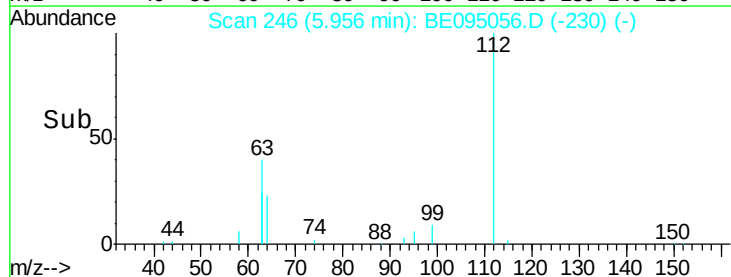
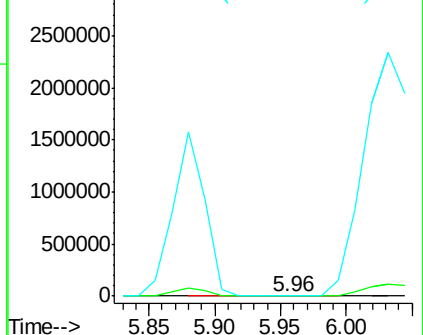
#4

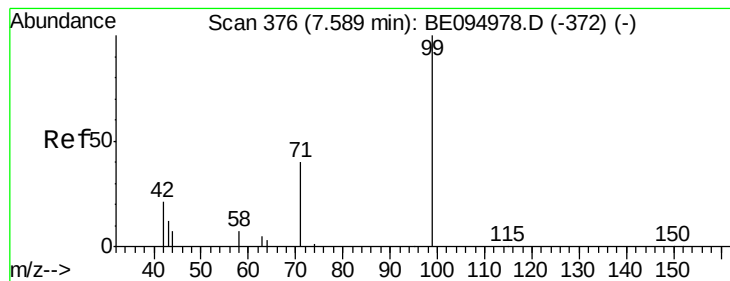
2-Fluorophenol
 Concen: 0.446 ng
 RT: 5.96 min Scan# 246
 Delta R.T. 0.00 min
 Lab File: BE095056.D
 Acq: 26 Dec 2017 15:15

Tgt Ion:112 Resp: 4190
 Ion Ratio Lower Upper
 112 100
 64 0.0 60.1 90.1#
 63 0.0 116.8 175.2#



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: 0.150 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE095056.D

Acq: 26 Dec 2017 15:15

Instrument :

BNA_E

ClientSampleId :

PR-MW-5-121817

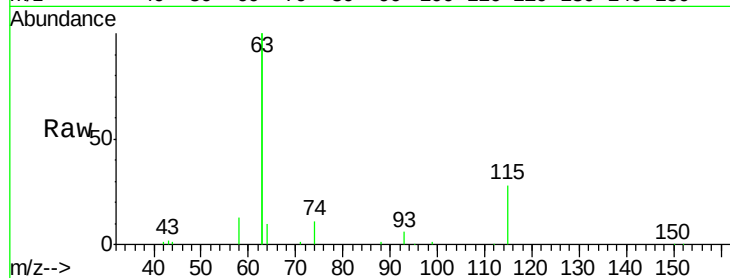
Tgt Ion: 99 Resp: 2088

Ion Ratio Lower Upper

99 100

42 98.5 20.2 30.2#

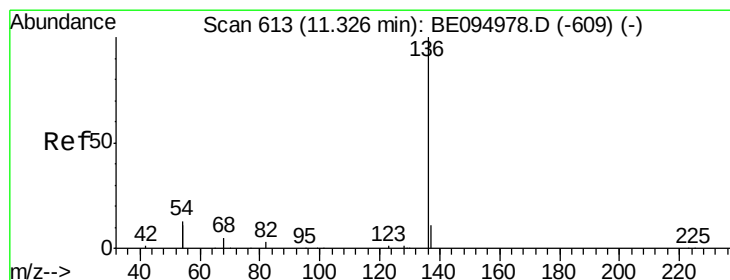
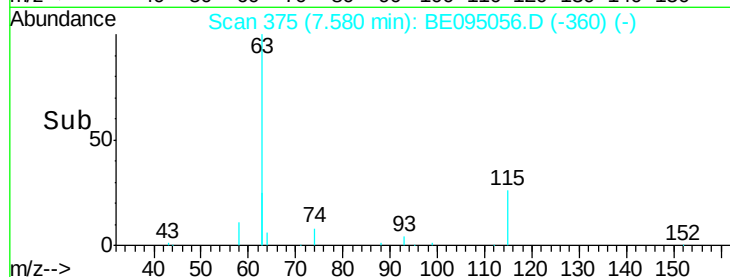
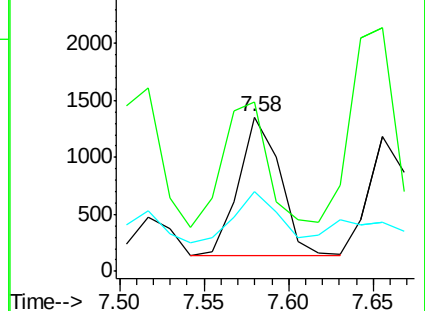
71 38.8 28.4 42.6



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: 11.31 min Scan# 612

Delta R.T. -0.02 min

Lab File: BE095056.D

Acq: 26 Dec 2017 15:15

Tgt Ion: 136 Resp: 13898

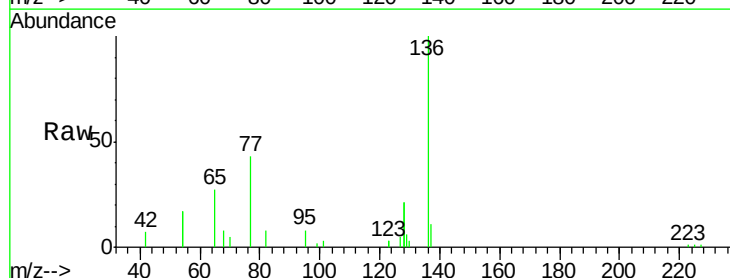
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 34.2 29.1 43.7

68 8.4 6.2 9.2

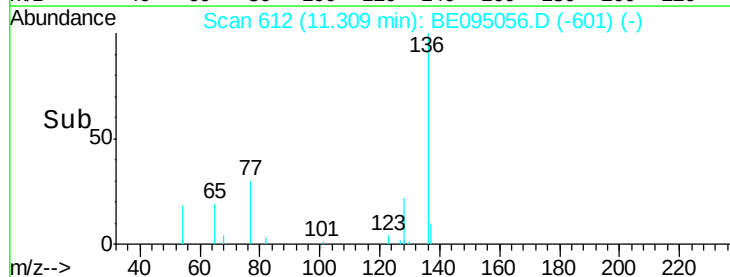
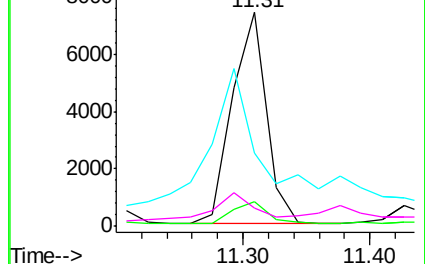


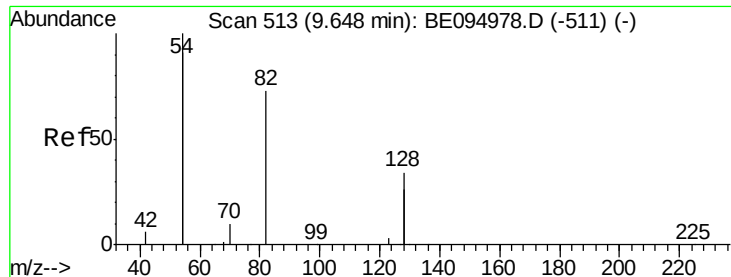
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.663 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.02 min

Lab File: BE095056.D

Acq: 26 Dec 2017 15:15

Instrument :

BNA_E

ClientSampleId :

PR-MW-5-121817

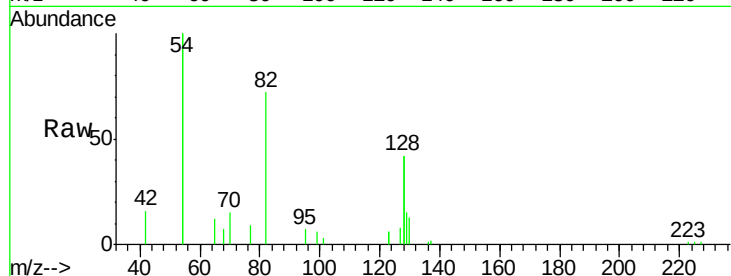
Tgt Ion: 82 Resp: 7558

Ion Ratio Lower Upper

82 100

128 117.3 150.0 225.0#

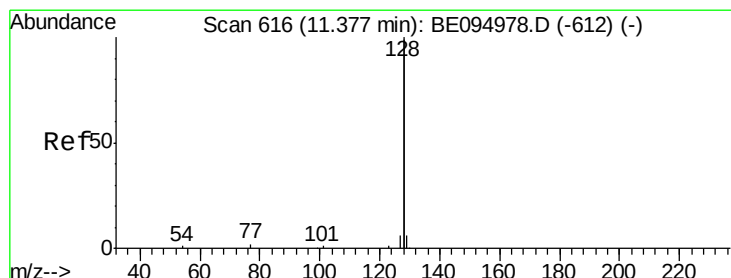
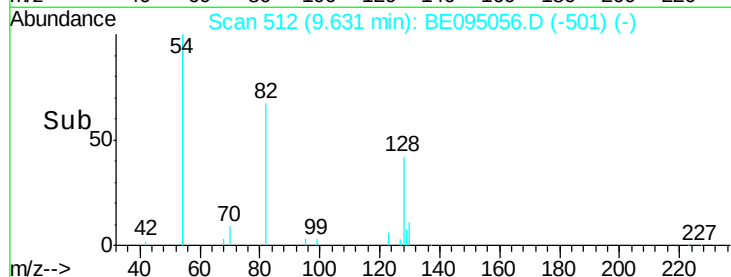
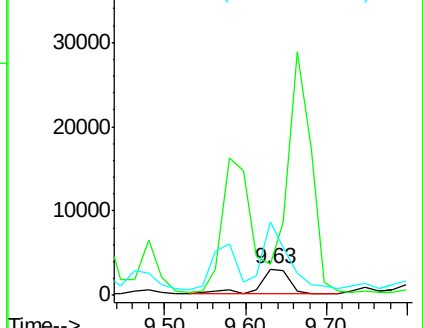
54 278.8 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE094978.D (-511) (-)

Ion 128.00 (127.70 to 128.70): BE094978.D (-511) (-)

Ion 54.00 (53.70 to 54.70): BE094978.D (-511) (-)



#9

Naphthalene

Concen: 19.390 ng

RT: 11.36 min Scan# 615

Delta R.T. -0.02 min

Lab File: BE095056.D

Acq: 26 Dec 2017 15:15

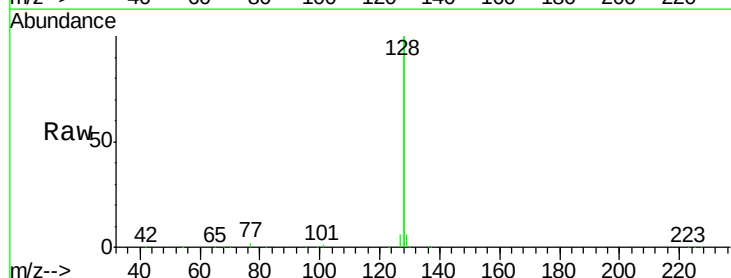
Tgt Ion: 128 Resp: 3164512

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

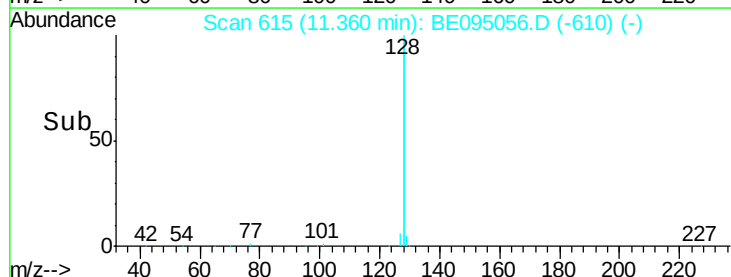
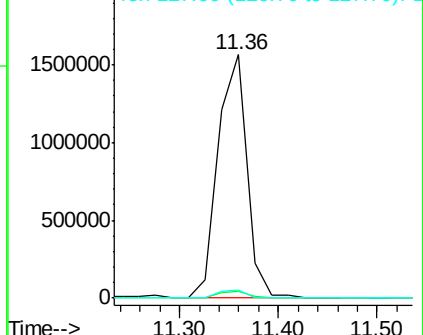
127 3.2 2.8 4.2

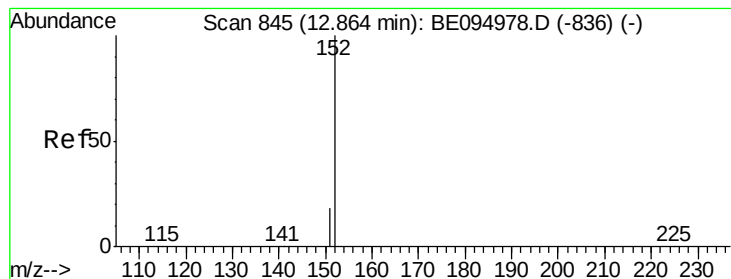


Abundance Ion 128.00 (127.70 to 128.70): BE094978.D (-612) (-)

Ion 129.00 (128.70 to 129.70): BE094978.D (-612) (-)

Ion 127.00 (126.70 to 127.70): BE094978.D (-612) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.419 ng

RT: 12.84 min Scan# 841

Delta R.T. -0.02 min

Lab File: BE095056.D

Acq: 26 Dec 2017 15:15

Instrument :

BNA_E

ClientSampleId :

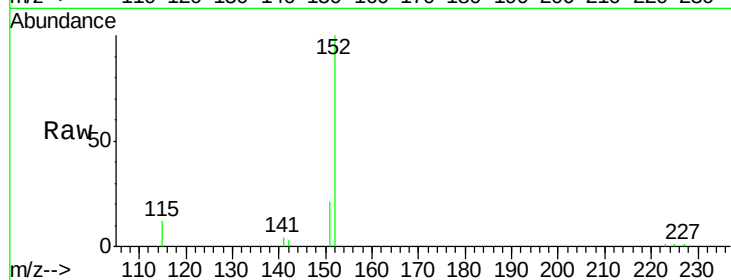
PR-MW-5-121817

Tgt Ion:152 Resp: 9545

Ion Ratio Lower Upper

152 100

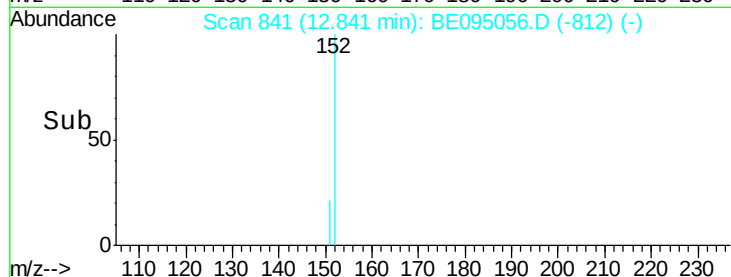
151 20.1 15.4 23.0



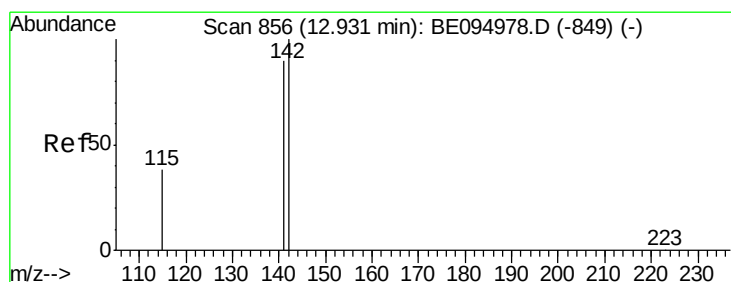
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.84



Time--> 12.70 12.80 12.90



#12

2-Methylnaphthalene

Concen: 0.693 ng

RT: 12.91 min Scan# 852

Delta R.T. -0.02 min

Lab File: BE095056.D

Acq: 26 Dec 2017 15:15

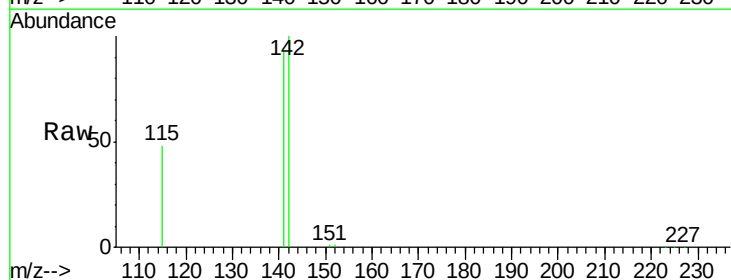
Tgt Ion:142 Resp: 28203

Ion Ratio Lower Upper

142 100

141 92.7 70.4 105.6

115 48.5 31.7 47.5#

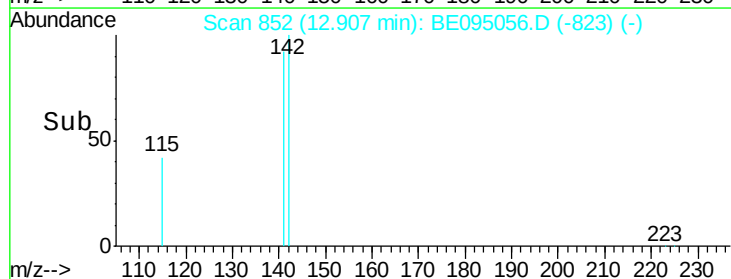


Abundance Ion 142.00 (141.70 to 142.70): E

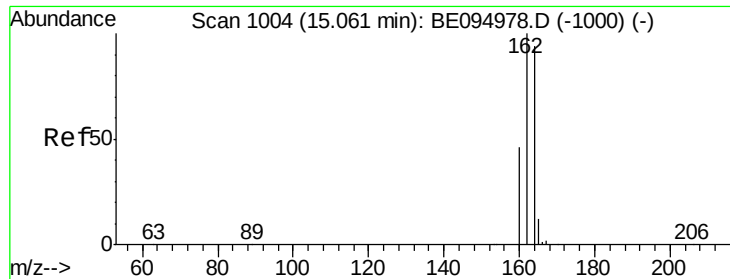
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.91



Time--> 12.80 12.90 13.00



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BE095056.D

Acq: 26 Dec 2017 15:15

Instrument :

BNA_E

ClientSampleId :

PR-MW-5-121817

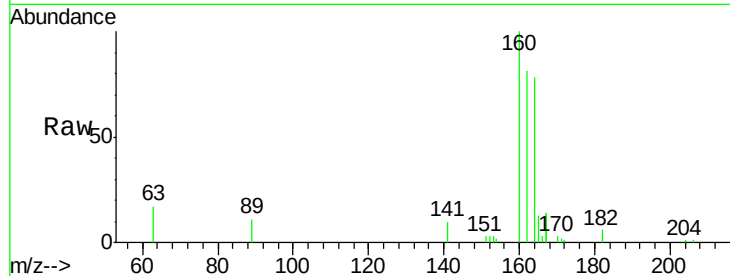
Tgt Ion:164 Resp: 12371

Ion Ratio Lower Upper

164 100

162 104.0 83.1 124.7

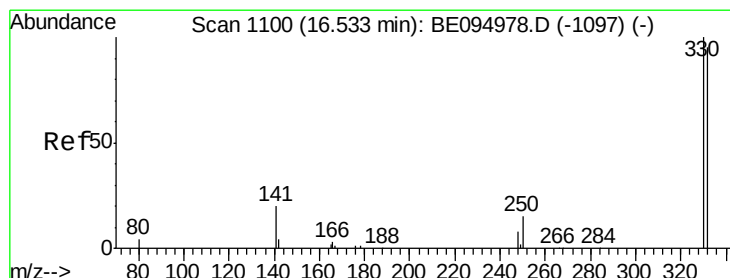
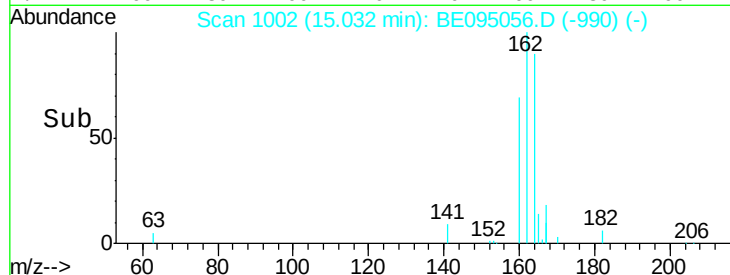
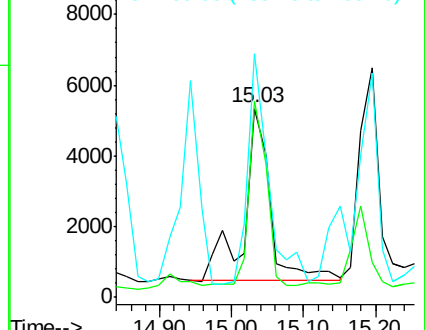
160 128.8 37.1 55.7#



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: 0.572 ng

RT: 16.50 min Scan# 1098

Delta R.T. -0.03 min

Lab File: BE095056.D

Acq: 26 Dec 2017 15:15

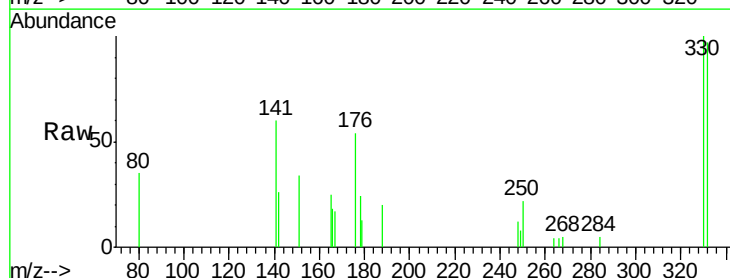
Tgt Ion:330 Resp: 1645

Ion Ratio Lower Upper

330 100

332 96.4 152.7 229.1#

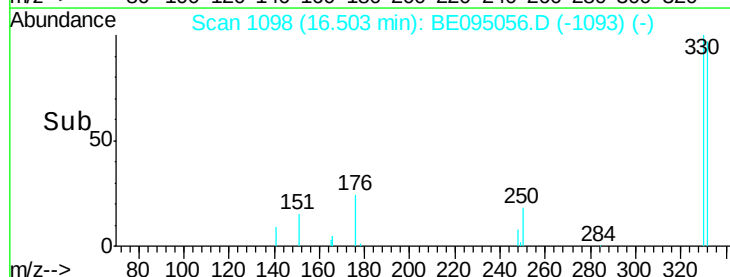
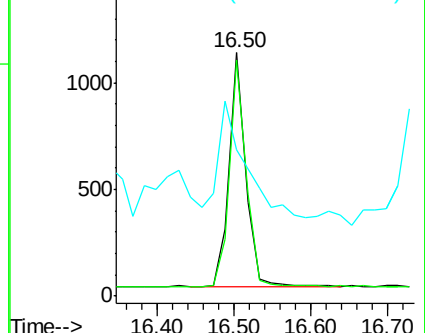
141 79.5 33.7 50.5#

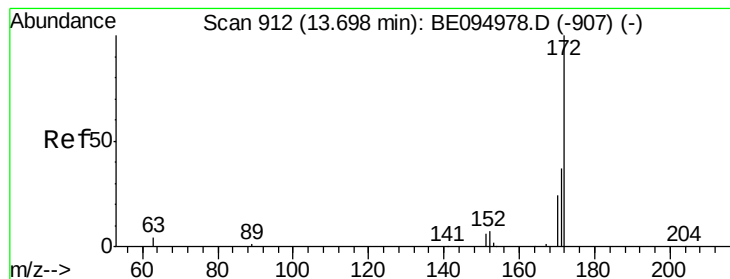


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.323 ng

RT: 13.68 min Scan# 911

Delta R.T. -0.01 min

Lab File: BE095056.D

Acq: 26 Dec 2017 15:15

Instrument :

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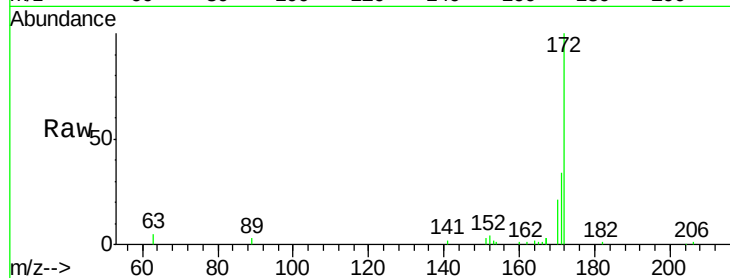
Tgt Ion:172 Resp: 17693

Ion Ratio Lower Upper

172 100

171 34.3 29.9 44.9

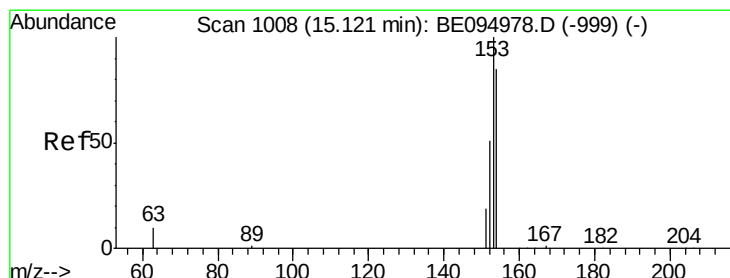
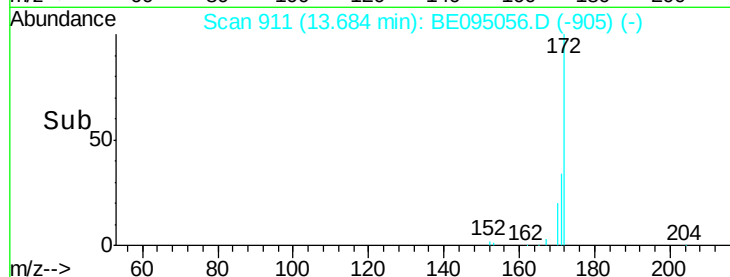
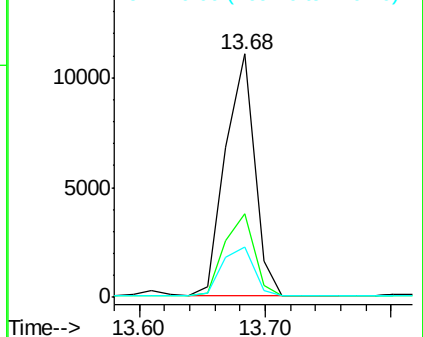
170 20.7 21.8 32.8#



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



#17

Acenaphthene

Concen: 0.076 ng

RT: 15.11 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BE095056.D

Acq: 26 Dec 2017 15:15

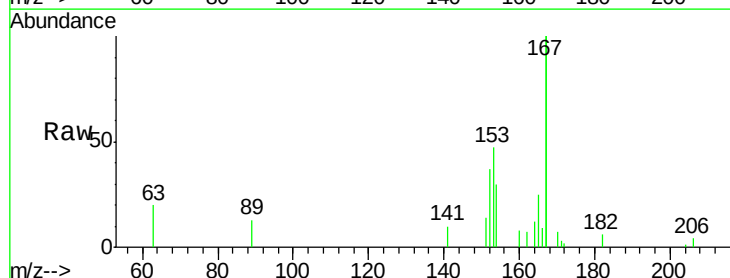
Tgt Ion:154 Resp: 3353

Ion Ratio Lower Upper

154 100

153 152.3 89.2 133.8#

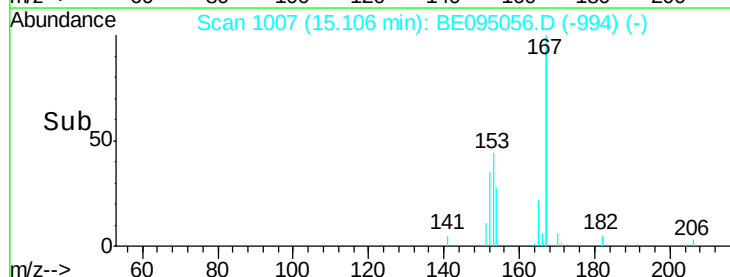
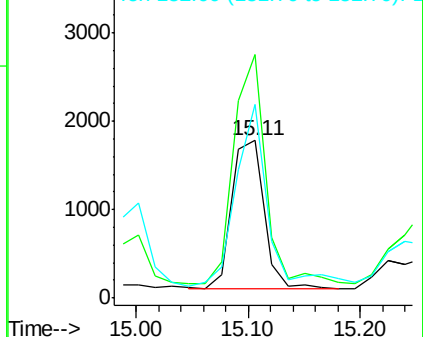
152 120.3 42.0 63.0#

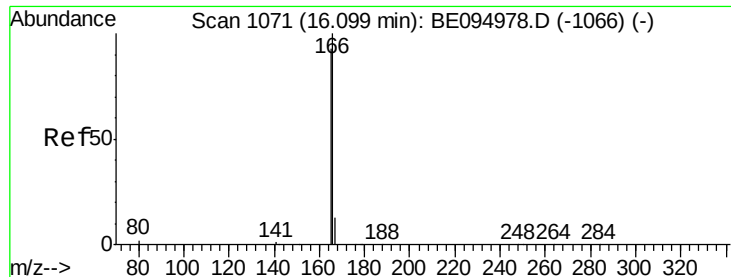


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.127 ng

RT: 16.07 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BE095056.D

Acq: 26 Dec 2017 15:15

Instrument :

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PR-MW-5-121817

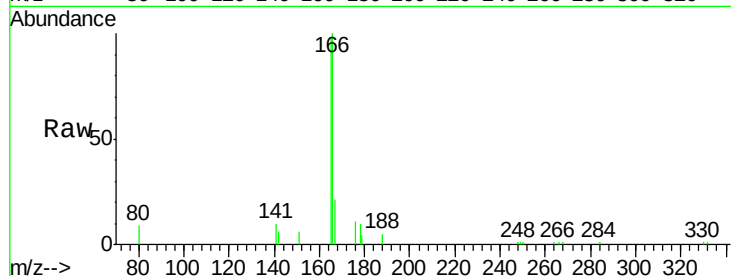
Tgt Ion:166 Resp: 6944

Ion Ratio Lower Upper

166 100

165 105.9 77.8 116.6

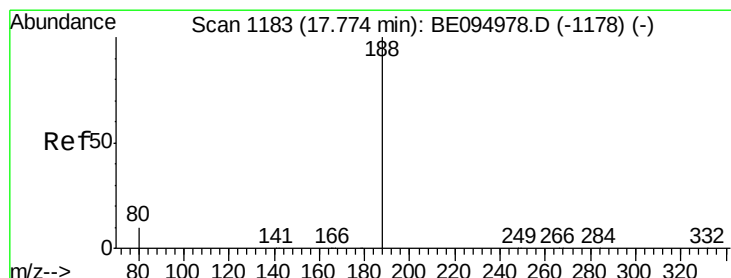
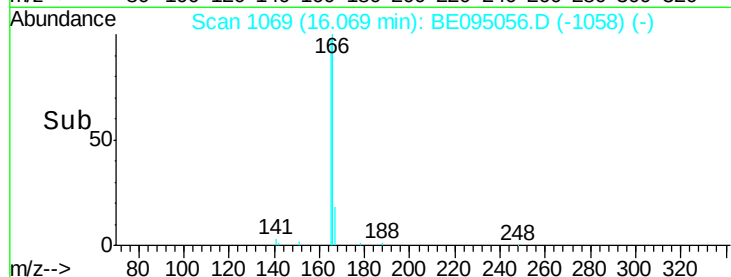
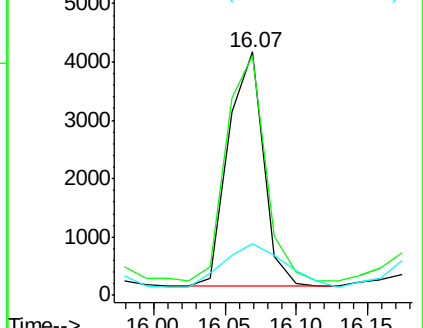
167 31.7 42.4 63.6#



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: BE095056.D

Acq: 26 Dec 2017 15:15

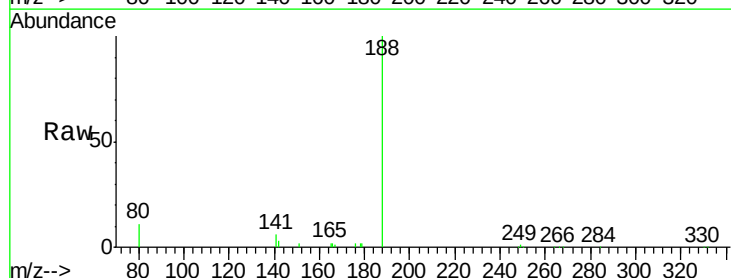
Tgt Ion:188 Resp: 17853

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

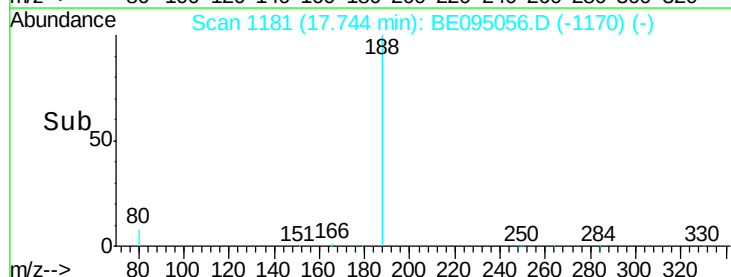
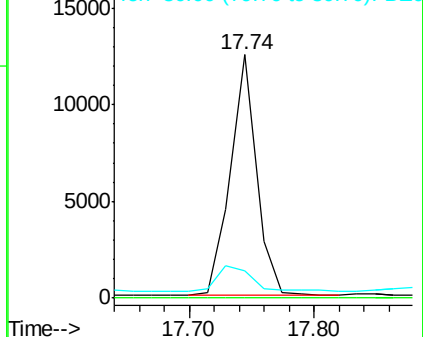
80 11.0 3.6 5.4#

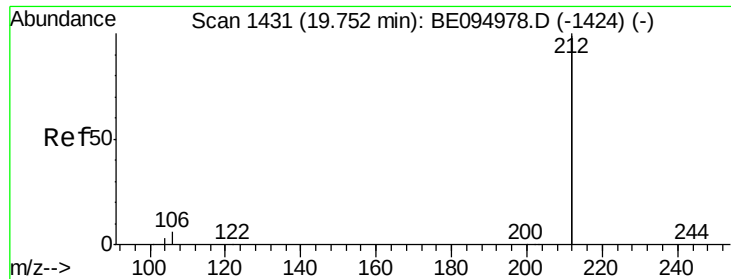


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

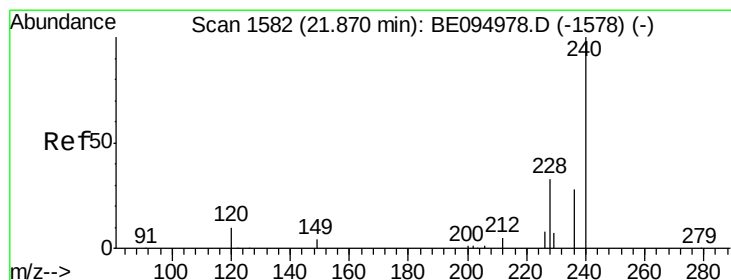
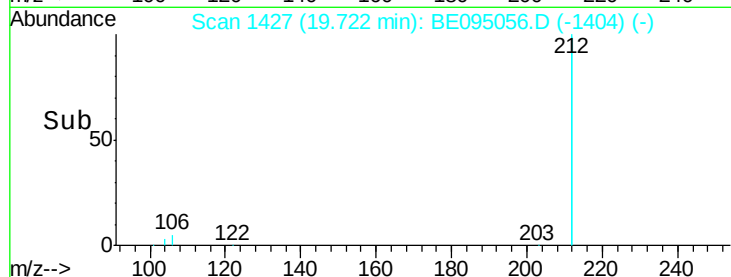
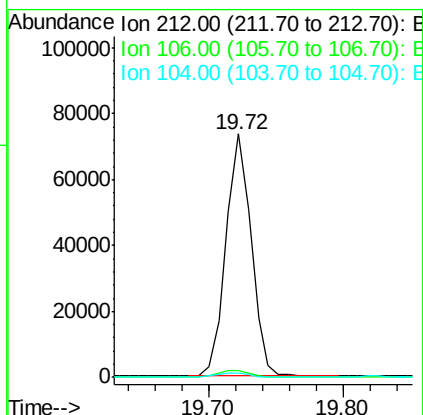
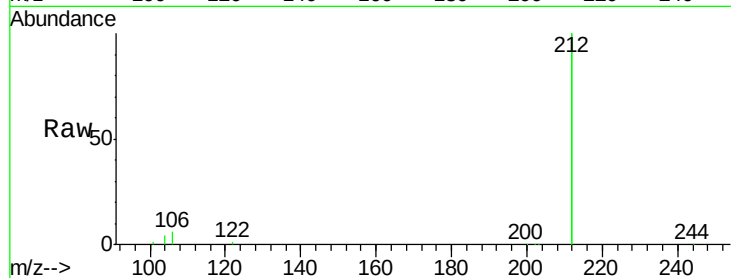




#25
 Fluoranthene-d10
 Concen: 0.414 ng
 RT: 19.72 min Scan# 1427
 Delta R.T. -0.03 min
 Lab File: BE095056.D
 Acq: 26 Dec 2017 15:15

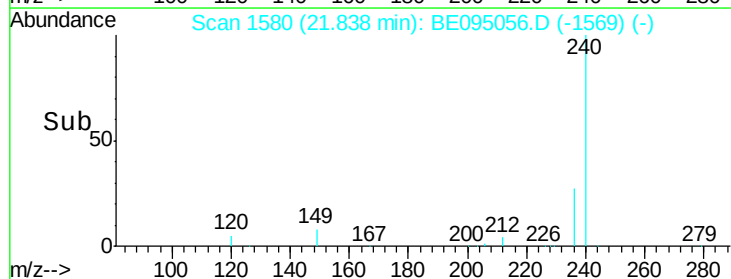
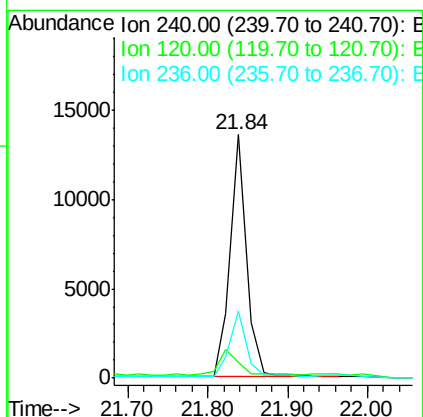
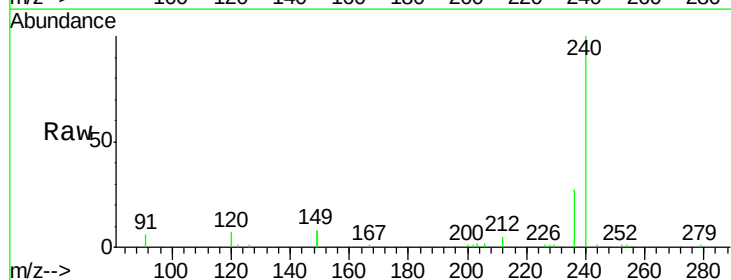
Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-5-121817

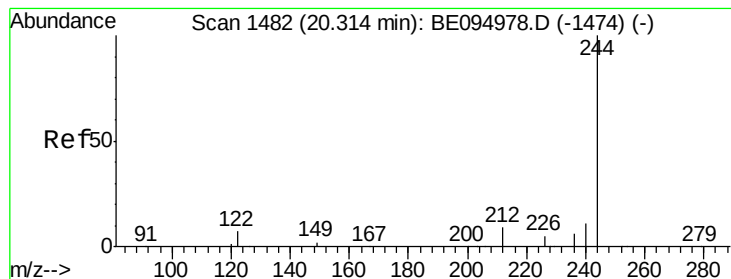
Tgt Ion: 212 Resp: 95795
 Ion Ratio Lower Upper
 212 100
 106 3.1 2.8 4.2
 104 1.9 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.84 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BE095056.D
 Acq: 26 Dec 2017 15:15

Tgt Ion: 240 Resp: 19191
 Ion Ratio Lower Upper
 240 100
 120 6.7 5.5 8.3
 236 27.3 20.7 31.1





#29

Terphenyl-d14

Concen: 0.589 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095056.D

Acq: 26 Dec 2017 15:15

Instrument :

BNA_E

ClientSampleId :

PR-MW-5-121817

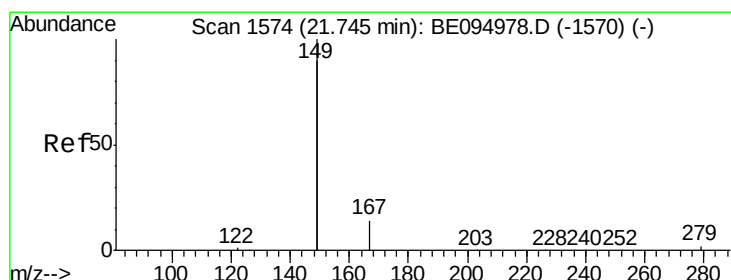
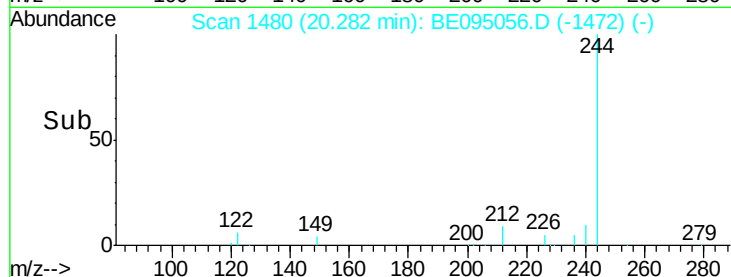
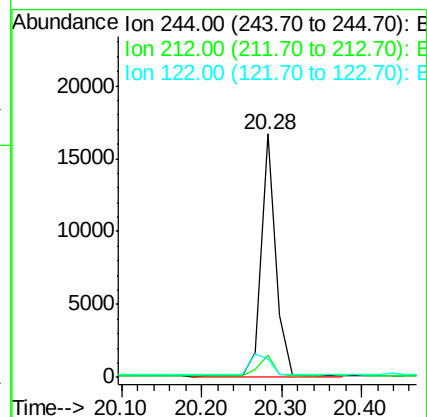
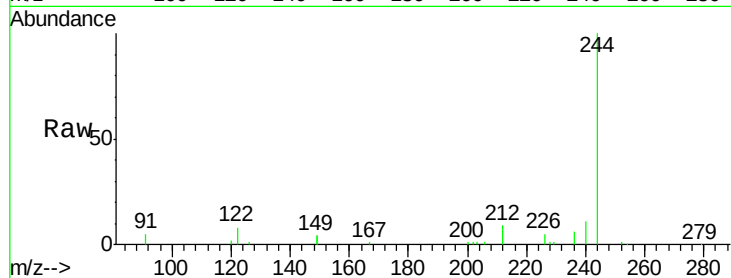
Tgt Ion:244 Resp: 21271

Ion Ratio Lower Upper

244 100

212 9.3 25.4 38.0#

122 7.5 8.1 12.1#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.126 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.05 min

Lab File: BE095056.D

Acq: 26 Dec 2017 15:15

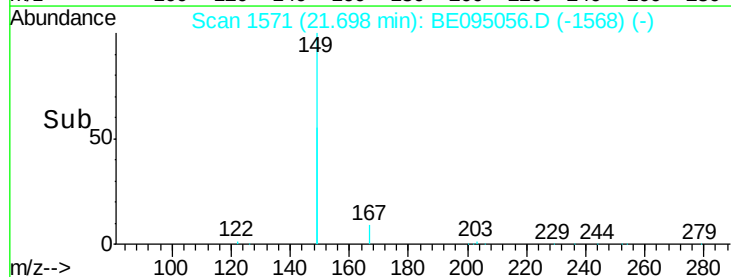
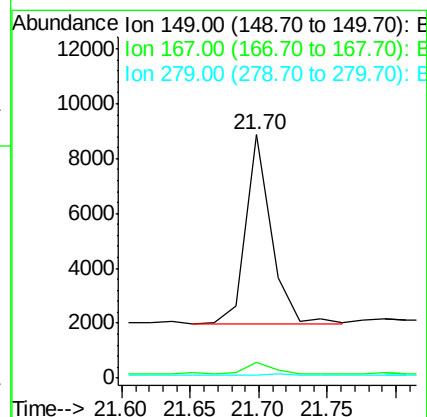
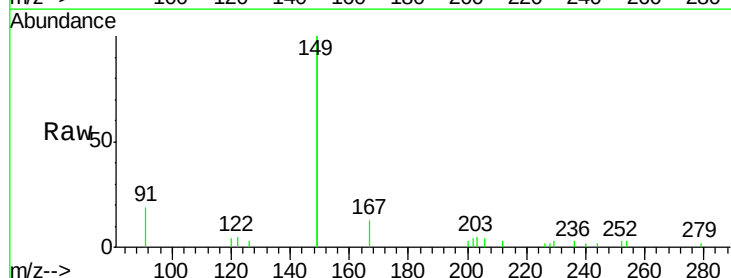
Tgt Ion:149 Resp: 8986

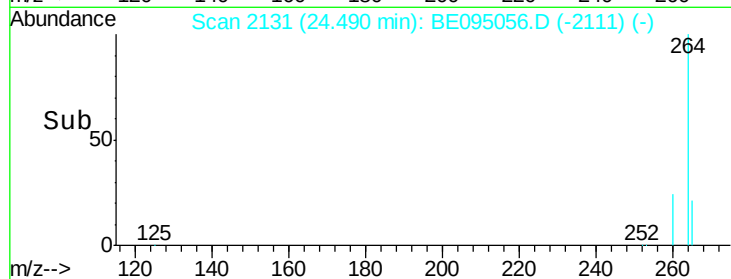
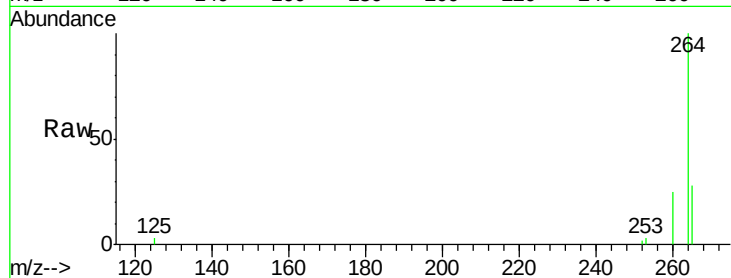
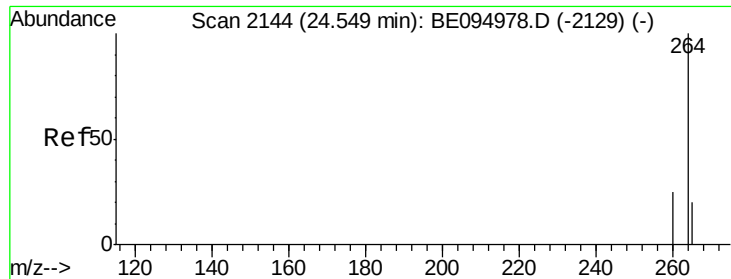
Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

279 1.2 0.7 1.1#





#34

Perylene-d12

Concen: 0.400 ng

RT: 24.49 min Scan# 2131

Delta R.T. -0.06 min

Lab File: BE095056.D

Acq: 26 Dec 2017 15:15

Instrument :

BNA_E

ClientSampleId :

PR-MW-5-121817

Tgt Ion: 264 Resp: 17529

Ion Ratio Lower Upper

264 100

260 24.8 20.5 30.7

265 28.4 22.8 34.2

