

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122617\
 Data File : BE095052.D
 Acq On : 26 Dec 2017 12:51
 Operator : SJ/JU
 Sample : I7004-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-04-121817

Quant Time: Dec 26 13:50:19 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

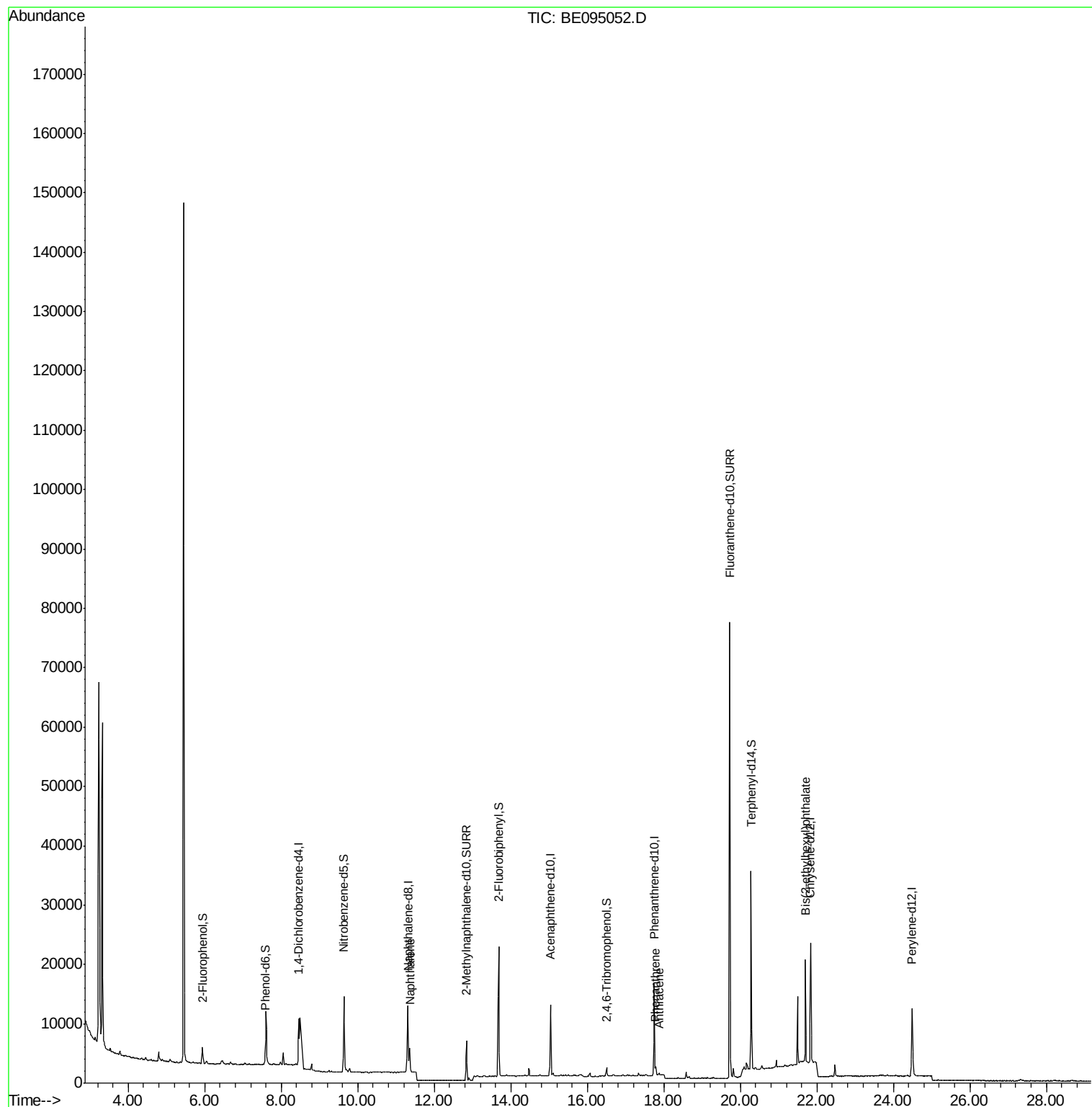
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6442	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	14485	0.40	ng	-0.02
13) Acenaphthene-d10	15.03	164	8160	0.40	ng	-0.03
19) Phenanthrene-d10	17.74	188	19846	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	20595	0.40	ng	-0.03
34) Perylene-d12	24.49	264	17966	0.40	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	1504	0.15	ng	-0.01
5) Phenol-d6	7.58	99	1379	0.09	ng	-0.01
8) Nitrobenzene-d5	9.63	82	5273	0.44	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	8882	0.37	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	911	0.48	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	20964	0.58	ng	-0.02
25) Fluoranthene-d10	19.72	212	105123	0.41	ng	-0.03
29) Terphenyl-d14	20.28	244	30590	0.79	ng	-0.03
Target Compounds						
9) Naphthalene	11.36	128	7912	0.047	ng	Qvalue # 97
23) Phenanthrene	17.79	178	1787	0.029	ng	# 98
24) Anthracene	17.88	178	1323	0.021	ng	# 72
32) Bis(2-ethylhexyl)phthalate	21.70	149	20740	0.270	ng	99

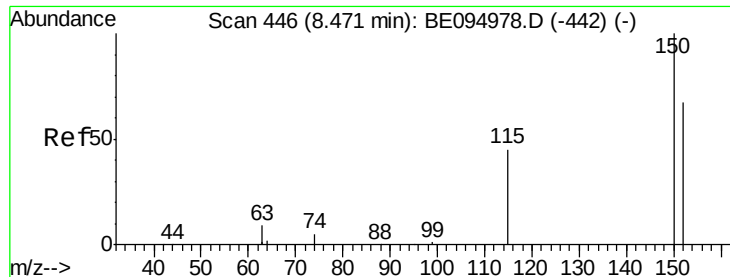
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE095052.D

Acq: 26 Dec 2017 12:51

Instrument :

BNA_E

ClientSampleId :

PR-MW-04-121817

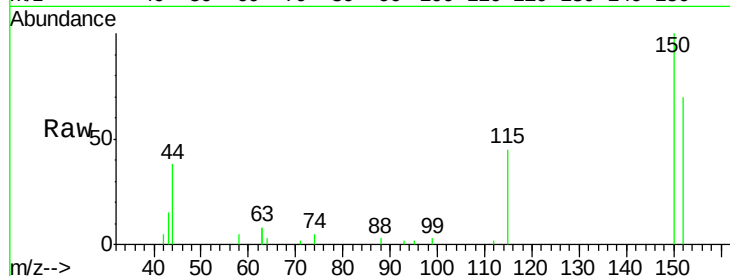
Tgt Ion:152 Resp: 6442

Ion Ratio Lower Upper

152 100

150 143.9 117.2 175.8

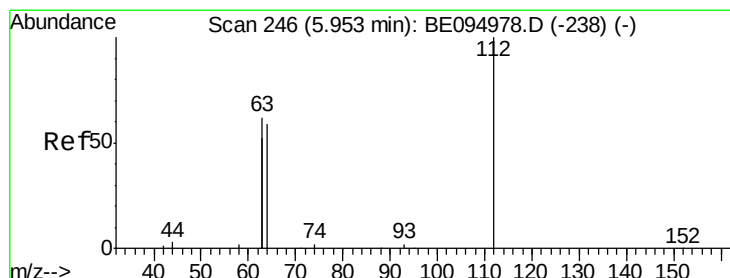
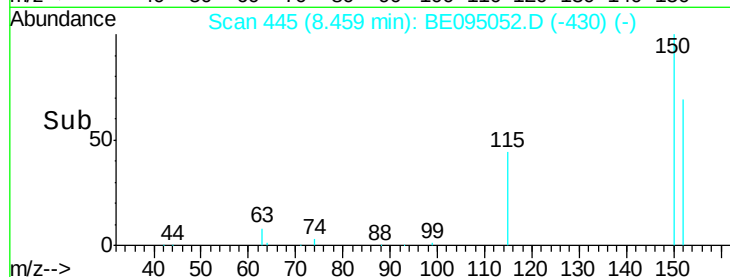
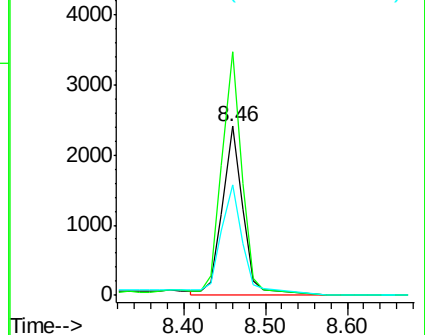
115 65.2 57.0 85.6



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: 0.150 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: BE095052.D

Acq: 26 Dec 2017 12:51

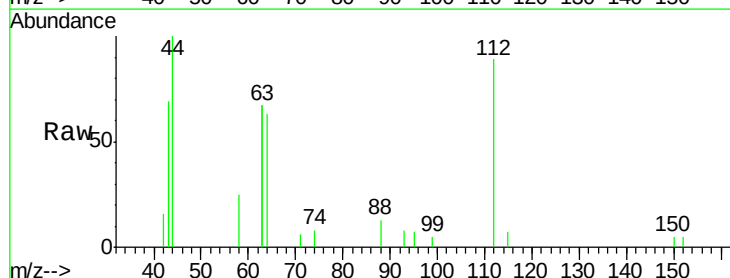
Tgt Ion:112 Resp: 1504

Ion Ratio Lower Upper

112 100

64 71.3 60.1 90.1

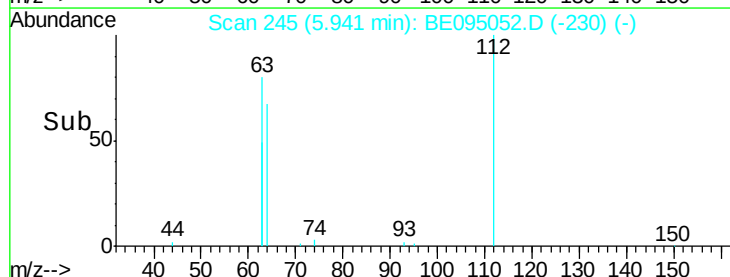
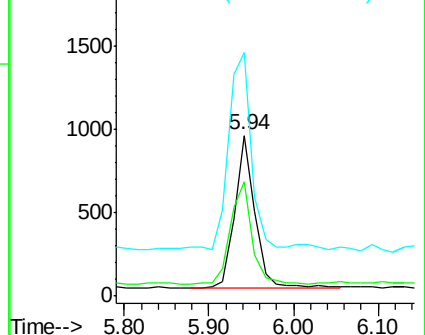
63 153.8 116.8 175.2

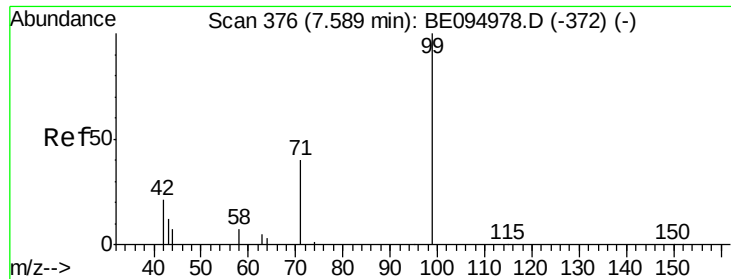


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.093 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE095052.D

Acq: 26 Dec 2017 12:51

Instrument :

BNA_E

ClientSampleId :

PR-MW-04-121817

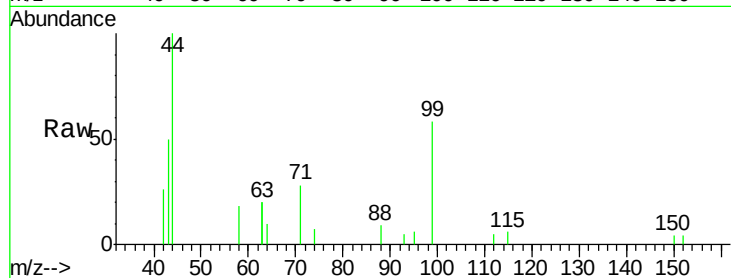
Tgt Ion: 99 Resp: 1379

Ion Ratio Lower Upper

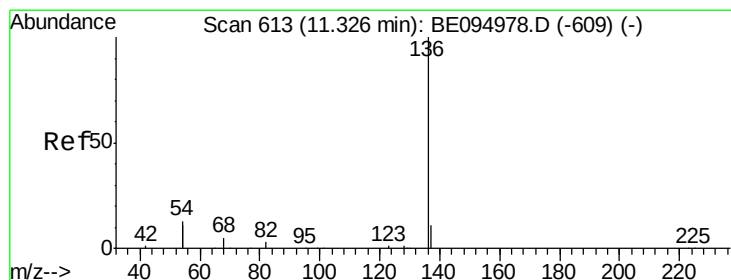
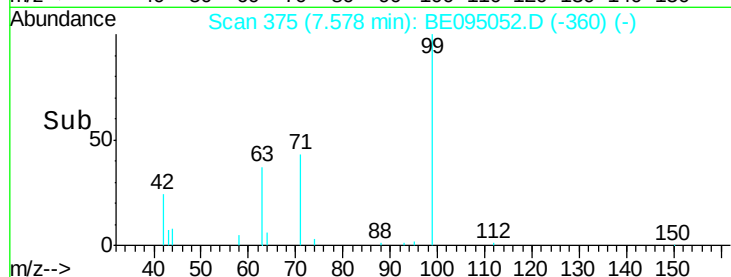
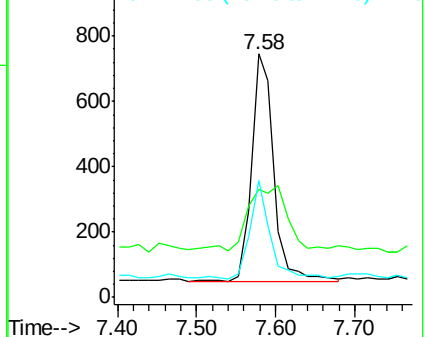
99 100

42 0.0 20.2 30.2#

71 38.6 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: BE095052.D

Acq: 26 Dec 2017 12:51

Tgt Ion: 136 Resp: 14485

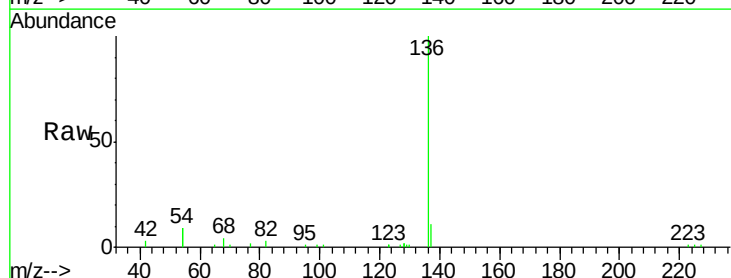
Ion Ratio Lower Upper

136 100

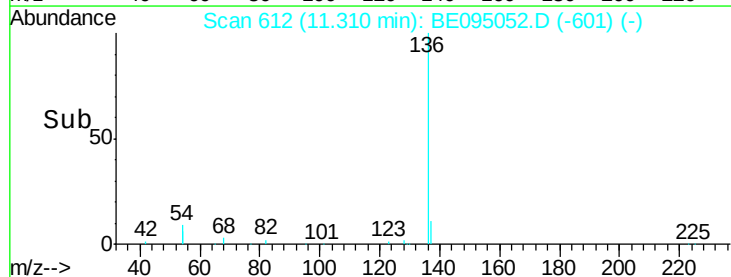
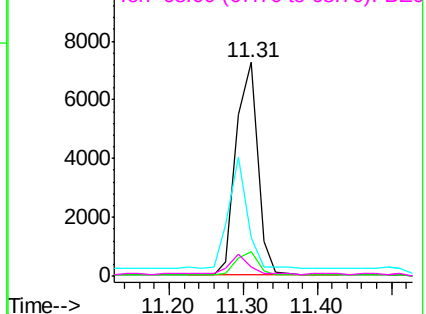
137 11.5 9.5 14.3

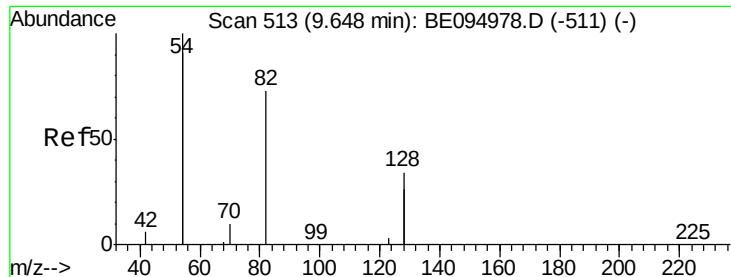
54 18.2 29.1 43.7#

68 4.3 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: 0.444 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.02 min

Lab File: BE095052.D

Acq: 26 Dec 2017 12:51

Instrument :

BNA_E

ClientSampleId :

PR-MW-04-121817

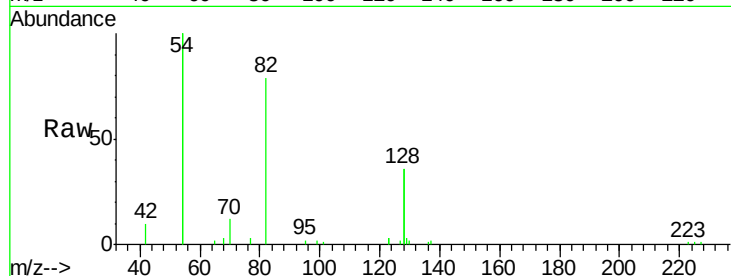
Tgt Ion: 82 Resp: 5273

Ion Ratio Lower Upper

82 100

128 91.8 150.0 225.0#

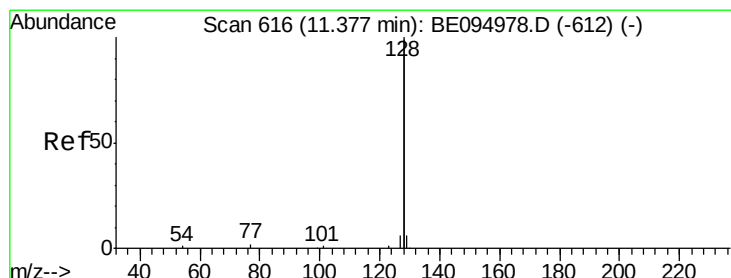
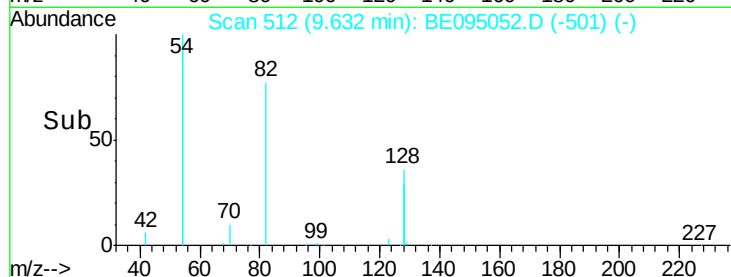
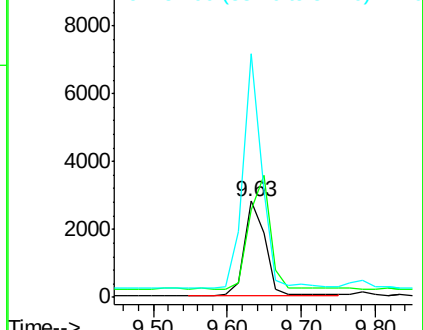
54 253.9 154.2 231.4#



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: 0.047 ng

RT: 11.36 min Scan# 615

Delta R.T. -0.02 min

Lab File: BE095052.D

Acq: 26 Dec 2017 12:51

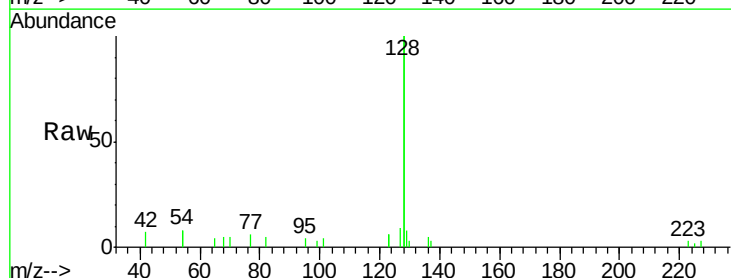
Tgt Ion: 128 Resp: 7912

Ion Ratio Lower Upper

128 100

129 4.1 2.6 3.8#

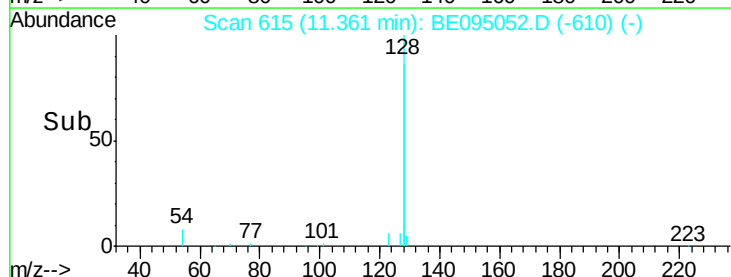
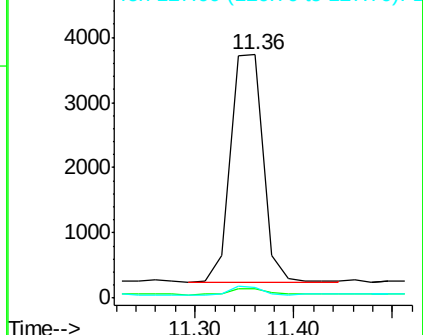
127 4.5 2.8 4.2#

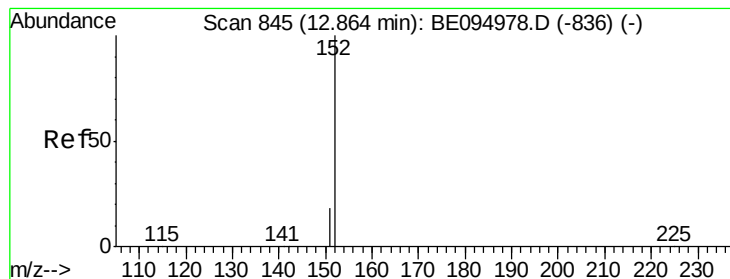


Abundance Ion 128.00 (127.70 to 128.70): BE094978.D (-612) (-)

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: 0.374 ng

RT: 12.84 min Scan# 841

Delta R.T. -0.02 min

Lab File: BE095052.D

Acq: 26 Dec 2017 12:51

Instrument :

BNA_E

ClientSampleId :

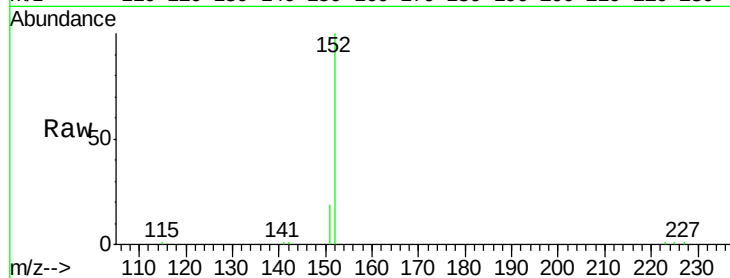
PR-MW-04-121817

Tgt Ion:152 Resp: 8882

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

6000

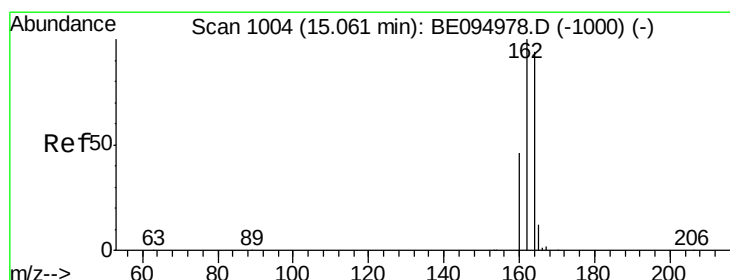
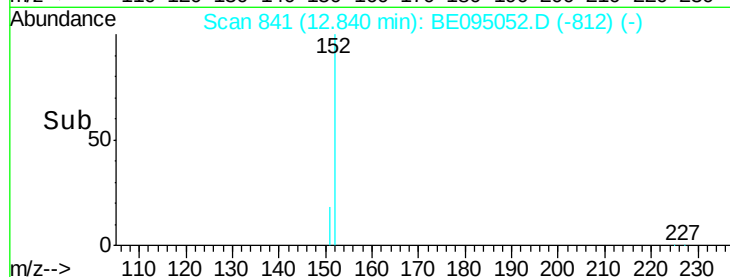
4000

2000

0

12.80 12.84 12.90

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BE095052.D

Acq: 26 Dec 2017 12:51

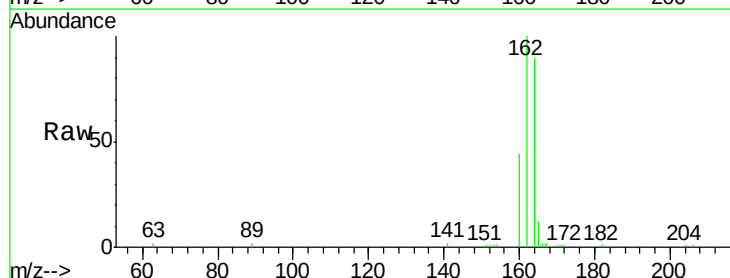
Tgt Ion:164 Resp: 8160

Ion Ratio Lower Upper

164 100

162 111.7 83.1 124.7

160 49.6 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

6000

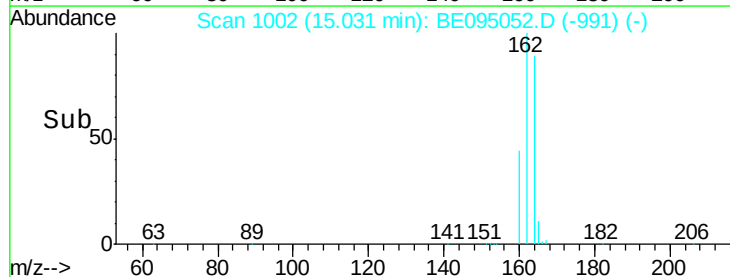
4000

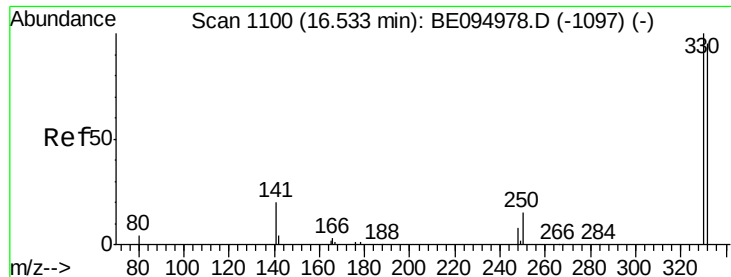
2000

0

14.90 15.03 15.10

Time-->

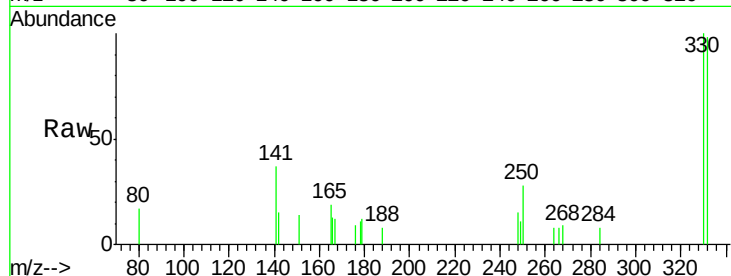




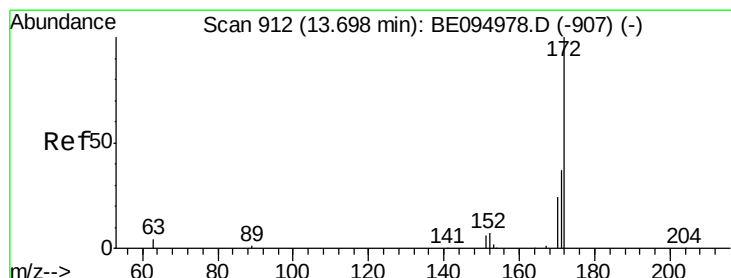
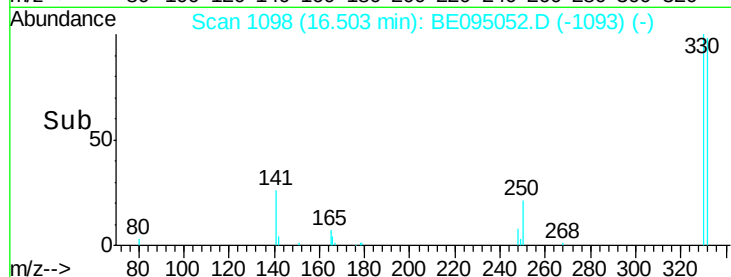
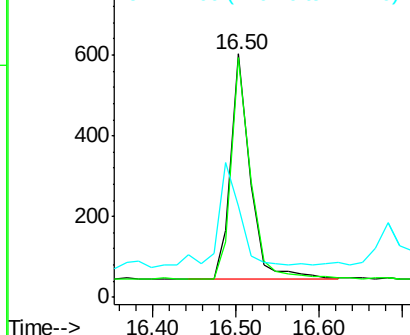
#14
 2,4,6-Tribromophenol
 Concen: 0.480 ng
 RT: 16.50 min Scan# 1098
 Delta R.T. -0.03 min
 Lab File: BE095052.D
 Acq: 26 Dec 2017 12:51

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-04-121817

Tgt Ion: 330 Resp: 911
 Ion Ratio Lower Upper
 330 100
 332 98.8 152.7 229.1#
 141 48.5 33.7 50.5

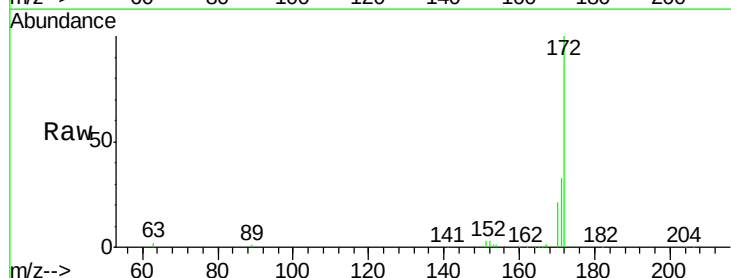


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

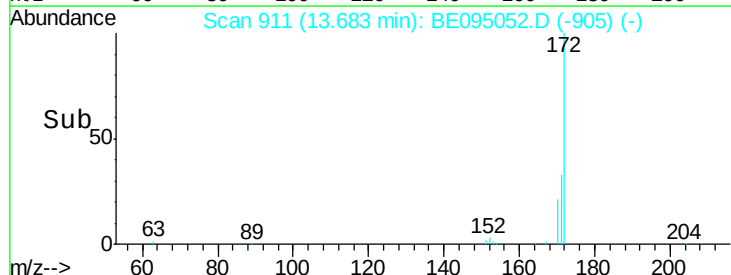
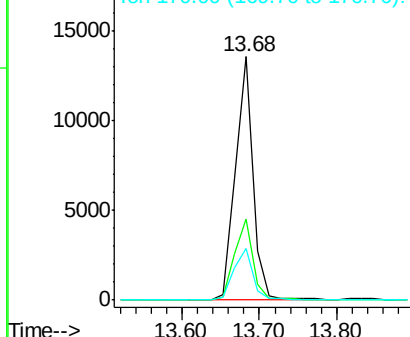


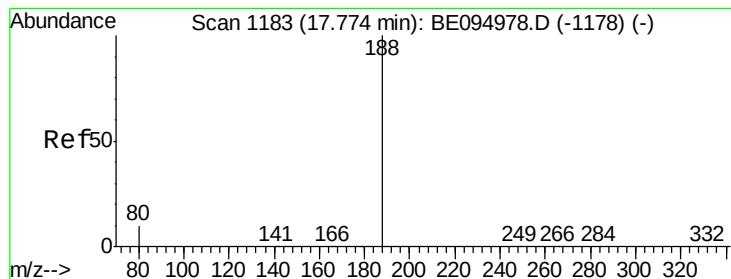
#15
 2-Fluorobiphenyl
 Concen: 0.580 ng
 RT: 13.68 min Scan# 911
 Delta R.T. -0.02 min
 Lab File: BE095052.D
 Acq: 26 Dec 2017 12:51

Tgt Ion: 172 Resp: 20964
 Ion Ratio Lower Upper
 172 100
 171 33.1 29.9 44.9
 170 21.1 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: BE095052.D

Acq: 26 Dec 2017 12:51

Instrument :

BNA_E

ClientSampleId :

PR-MW-04-121817

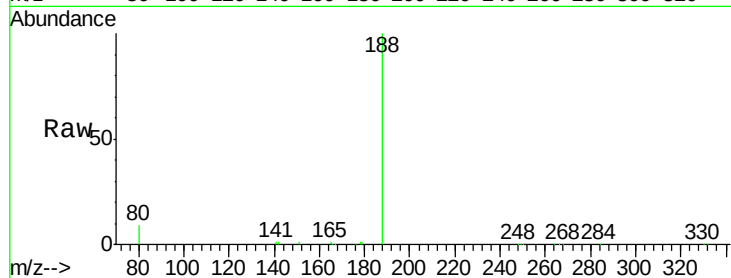
Tgt Ion:188 Resp: 19846

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

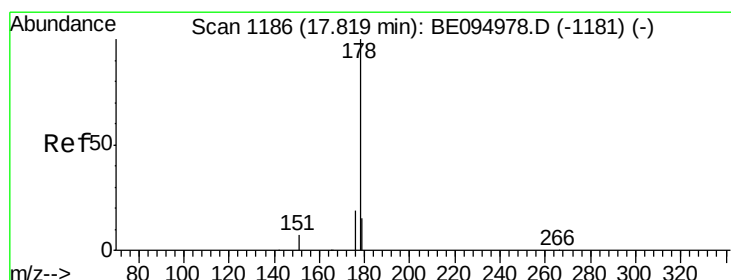
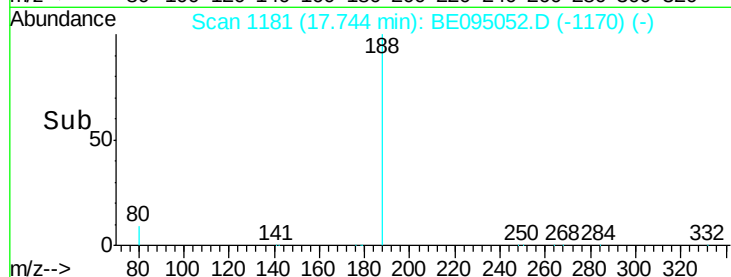
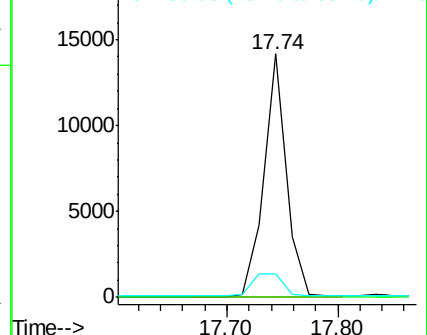
80 9.5 3.6 5.4#



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



#23

Phenanthrene

Concen: 0.029 ng

RT: 17.79 min Scan# 1184

Delta R.T. -0.03 min

Lab File: BE095052.D

Acq: 26 Dec 2017 12:51

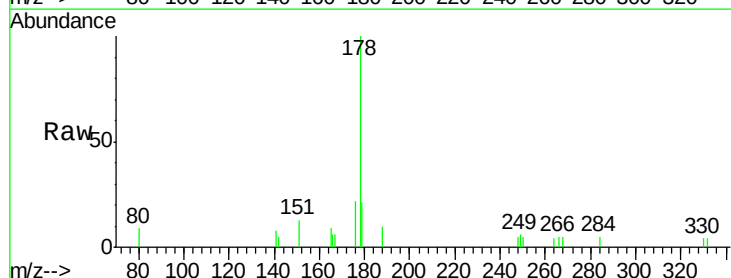
Tgt Ion:178 Resp: 1787

Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

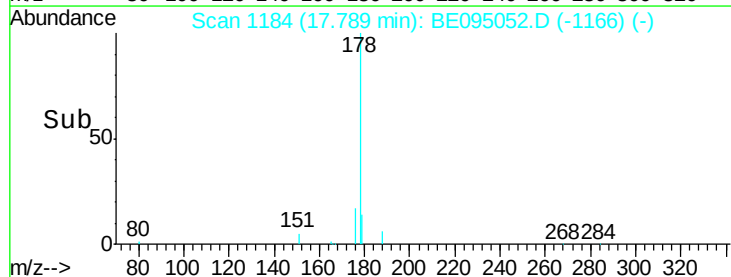
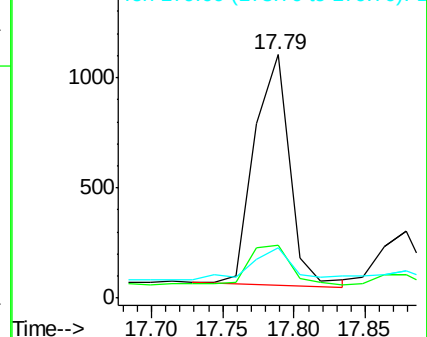
179 14.3 11.8 17.6

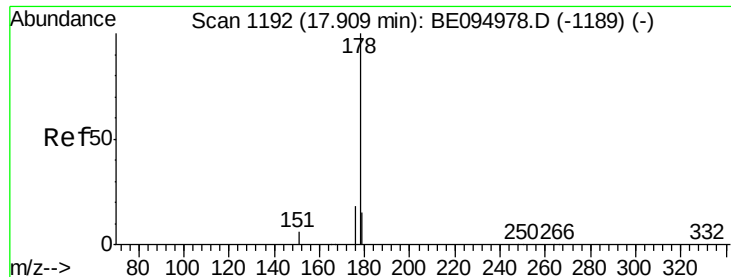


Abundance Ion 178.00 (177.70 to 178.70): E

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: BE095052.D

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PR-MW-04-121817

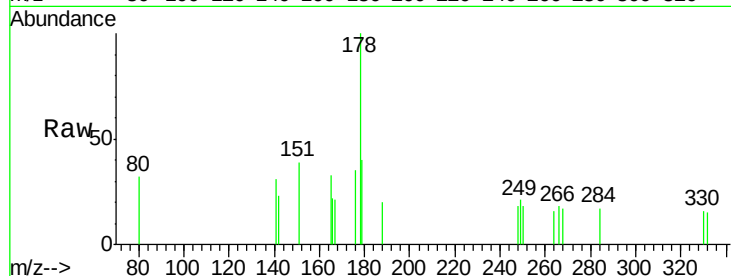
Tgt Ion:178 Resp: 1323

Ion Ratio Lower Upper

178 100

176 8.7 12.8 19.2#

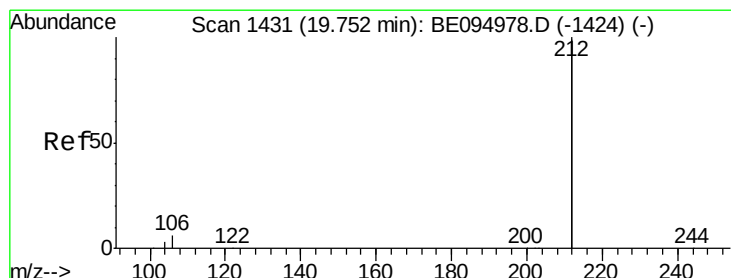
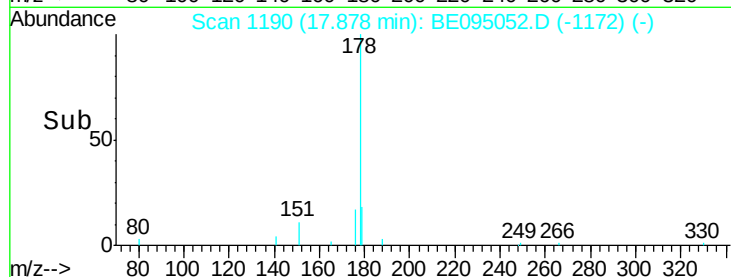
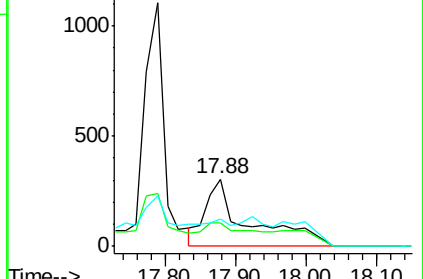
179 0.0 13.0 19.6#



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: 0.408 ng

RT: 19.72 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BE095052.D

Acq: 26 Dec 2017 12:51

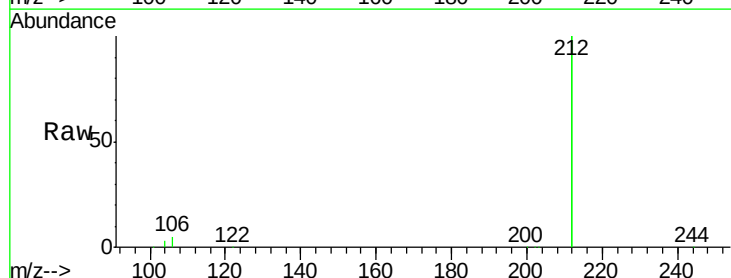
Tgt Ion:212 Resp: 105123

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

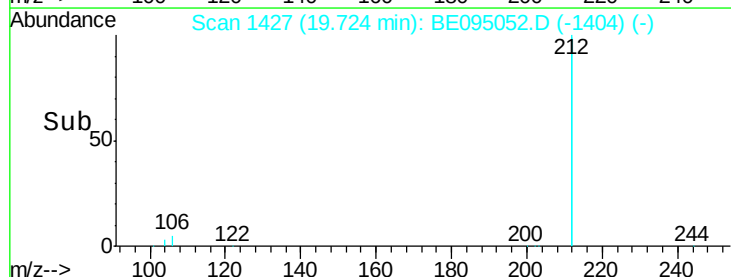
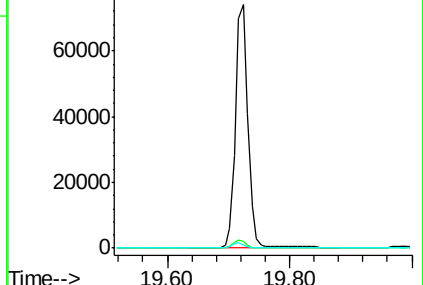
104 1.9 1.6 2.4

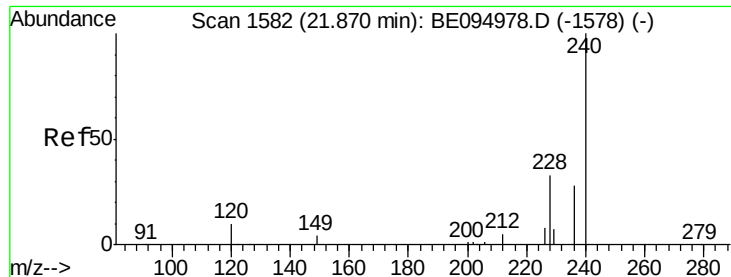


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

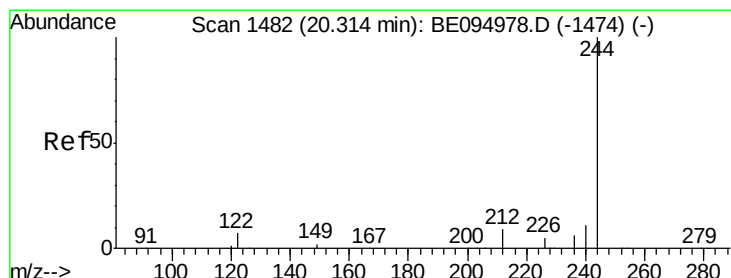
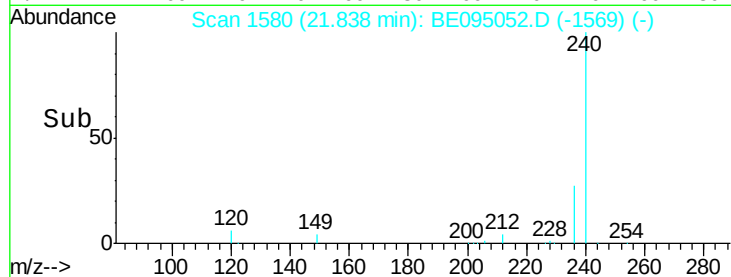
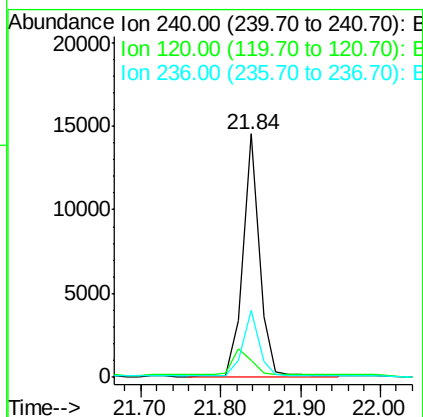
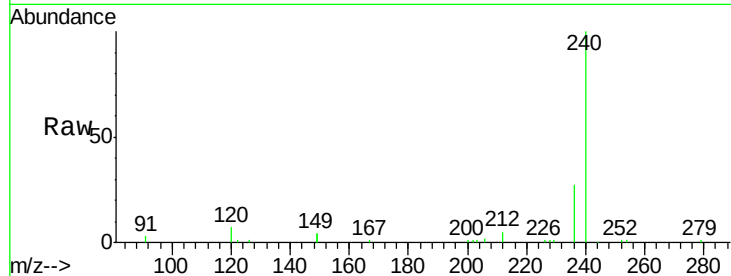




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.84 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BE095052.D
 Acq: 26 Dec 2017 12:51

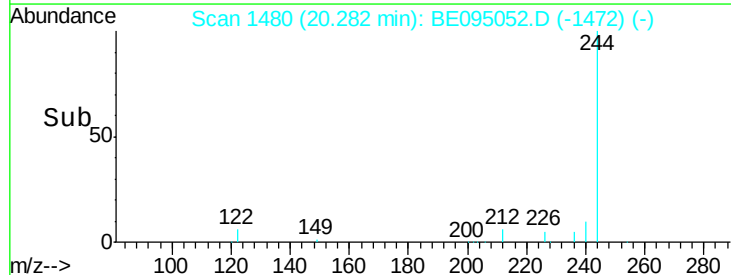
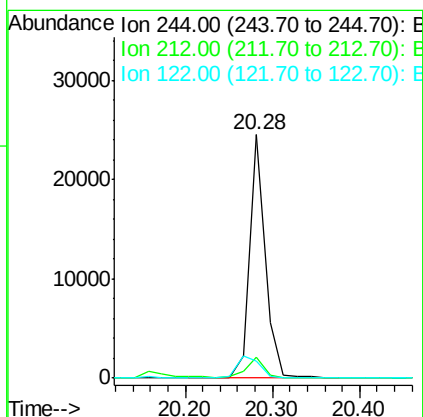
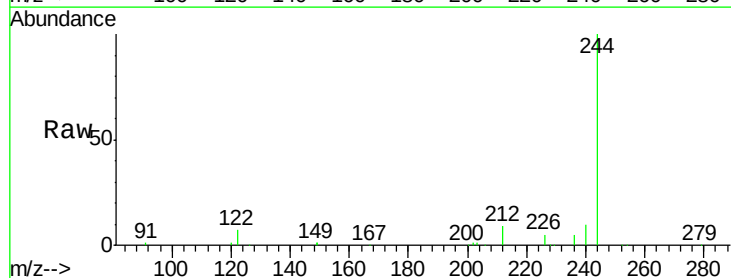
Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-04-121817

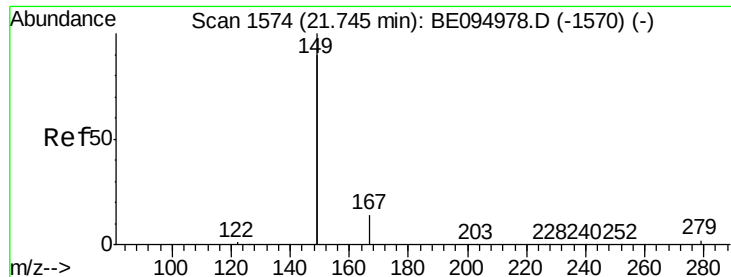
Tgt Ion: 240 Resp: 20595
 Ion Ratio Lower Upper
 240 100
 120 7.2 5.5 8.3
 236 27.5 20.7 31.1



#29
 Terphenyl-d14
 Concen: 0.789 ng
 RT: 20.28 min Scan# 1480
 Delta R.T. -0.03 min
 Lab File: BE095052.D
 Acq: 26 Dec 2017 12:51

Tgt Ion: 244 Resp: 30590
 Ion Ratio Lower Upper
 244 100
 212 8.6 25.4 38.0#
 122 6.8 8.1 12.1#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.270 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.05 min

Lab File: BE095052.D

Acq: 26 Dec 2017 12:51

Instrument :

BNA_E

ClientSampleId :

PR-MW-04-121817

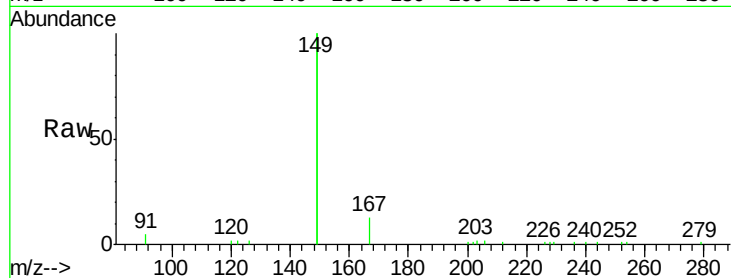
Tgt Ion:149 Resp: 20740

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

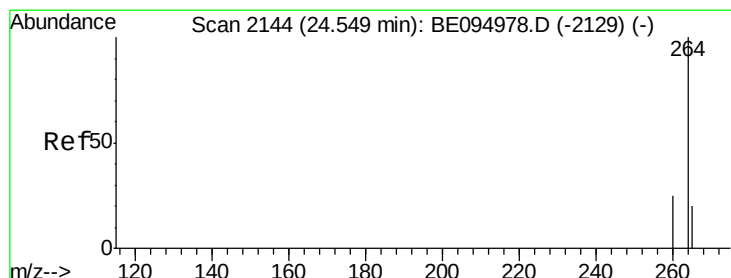
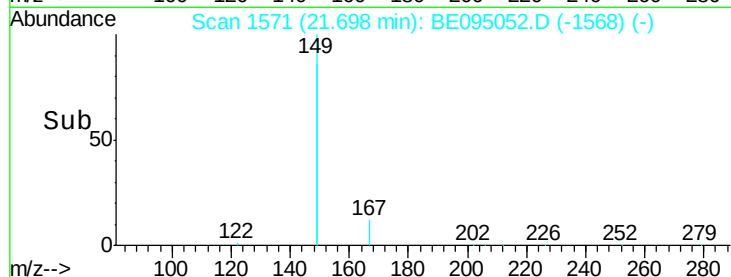
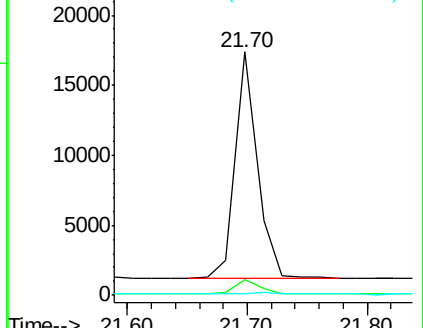
279 0.8 0.7 1.1



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# 2131

Delta R.T. -0.06 min

Lab File: BE095052.D

Acq: 26 Dec 2017 12:51

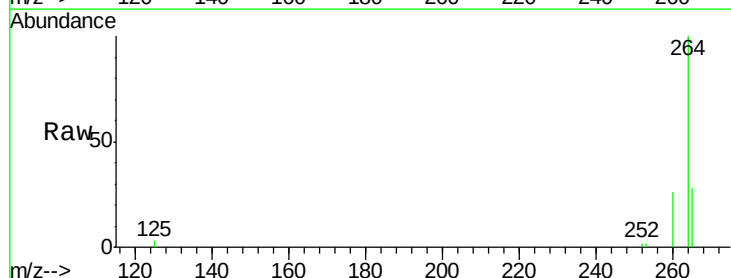
Tgt Ion:264 Resp: 17966

Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

265 28.1 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

