

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122617\
 Data File : BE095057.D
 Acq On : 26 Dec 2017 15:50
 Operator : SJ/JU
 Sample : I7004-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-11-121817

Quant Time: Dec 26 16:52:58 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

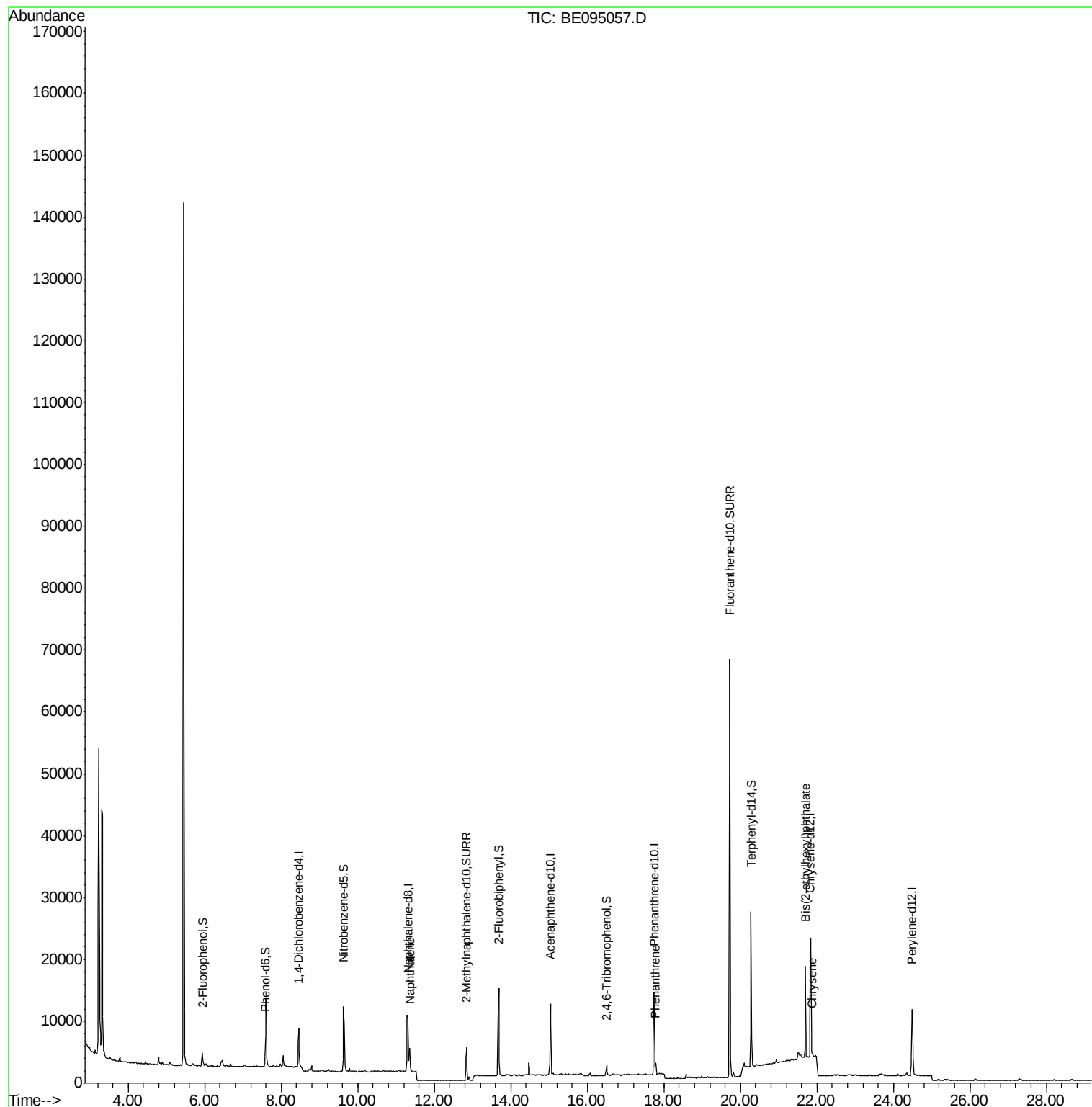
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5217	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	12524	0.40	ng	-0.02
13) Acenaphthene-d10	15.03	164	7396	0.40	ng	-0.03
19) Phenanthrene-d10	17.74	188	17391	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	19344	0.40	ng	-0.03
34) Perylene-d12	24.49	264	17626	0.40	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	1256	0.16	ng	-0.01
5) Phenol-d6	7.58	99	1103	0.09	ng	-0.01
8) Nitrobenzene-d5	9.63	82	4583	0.45	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	7323	0.36	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	1000	0.58	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	14151	0.43	ng	-0.02
25) Fluoranthene-d10	19.72	212	83797	0.37	ng	-0.03
29) Terphenyl-d14	20.28	244	23217	0.64	ng	-0.03
Target Compounds						
9) Naphthalene	11.36	128	11128	0.076	ng	Qvalue # 98
23) Phenanthrene	17.79	178	2117	0.039	ng	99
31) Chrysene	21.87	228	1830	0.029	ng	97
32) Bis(2-ethylhexyl)phthalate	21.70	149	16890	0.234	ng	98

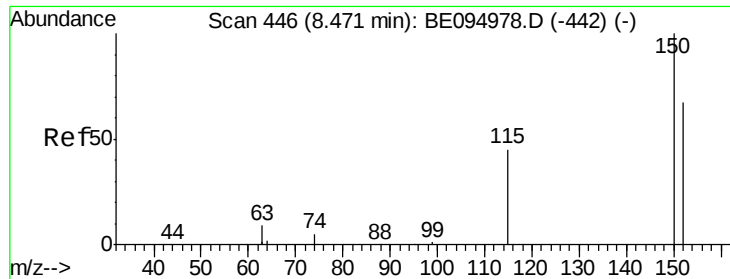
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

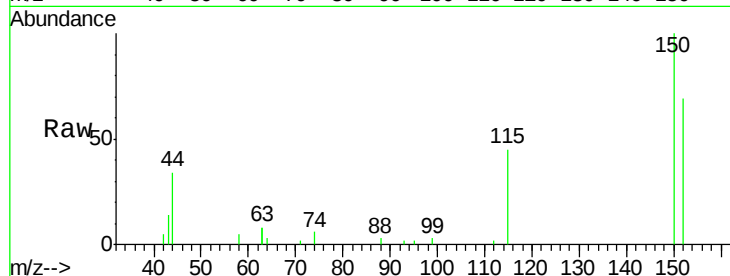




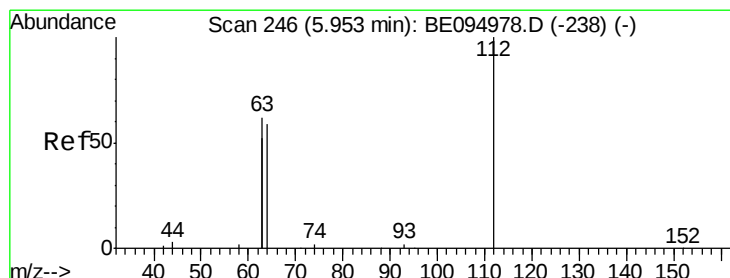
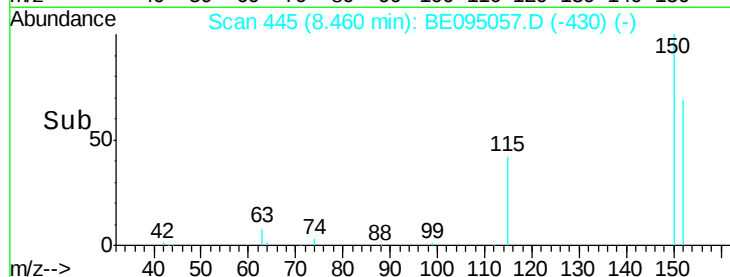
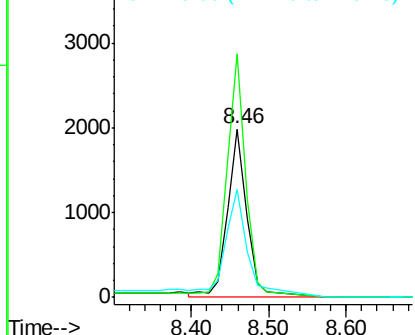
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.46 min Scan# 445
 Delta R.T. -0.01 min
 Lab File: BE095057.D
 Acq: 26 Dec 2017 15:50

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-11-121817

Tgt Ion:152 Resp: 5217
 Ion Ratio Lower Upper
 152 100
 150 144.3 117.2 175.8
 115 64.3 57.0 85.6

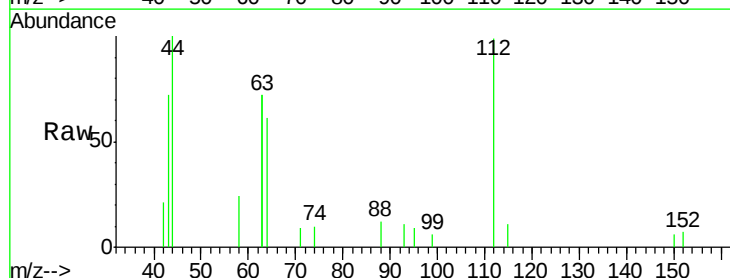


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

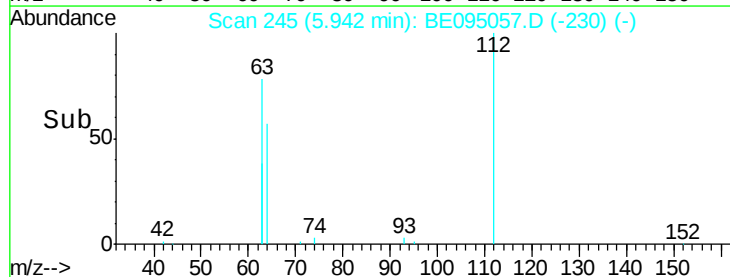
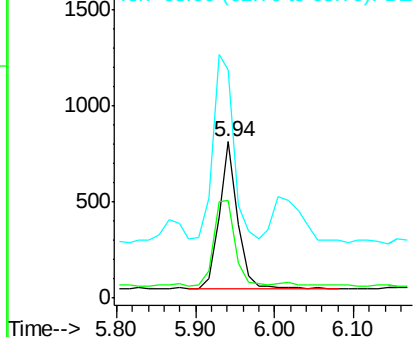


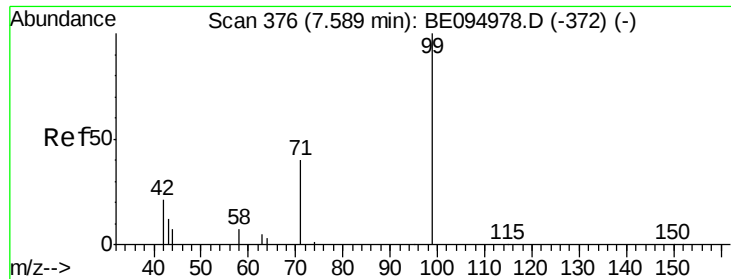
#4
 2-Fluorophenol
 Concen: 0.155 ng
 RT: 5.94 min Scan# 245
 Delta R.T. -0.01 min
 Lab File: BE095057.D
 Acq: 26 Dec 2017 15:50

Tgt Ion:112 Resp: 1256
 Ion Ratio Lower Upper
 112 100
 64 69.2 60.1 90.1
 63 145.2 116.8 175.2



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: 0.092 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE095057.D

Acq: 26 Dec 2017 15:50

Instrument :

BNA_E

ClientSampleId :

C-MW-11-121817

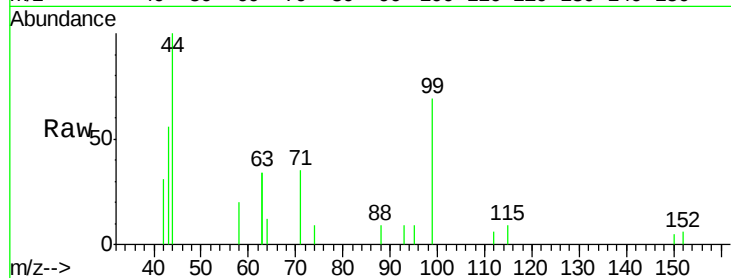
Tgt Ion: 99 Resp: 1103

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

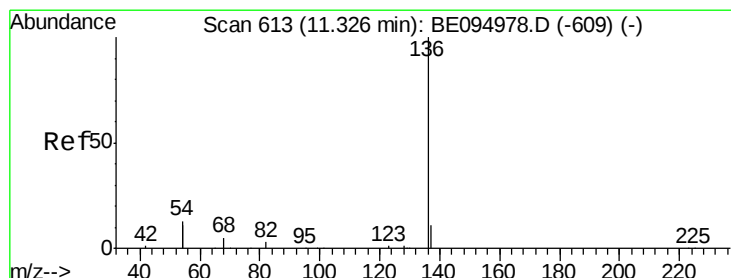
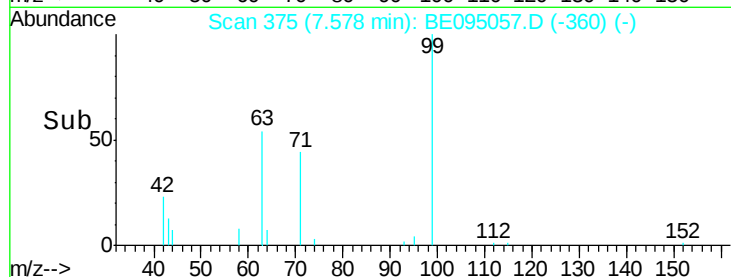
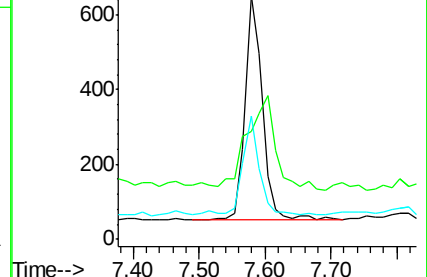
71 43.8 28.4 42.6#



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: BE095057.D

Acq: 26 Dec 2017 15:50

Tgt Ion: 136 Resp: 12524

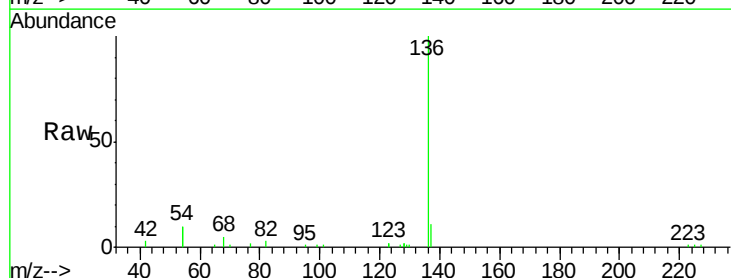
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 19.5 29.1 43.7#

68 4.5 6.2 9.2#

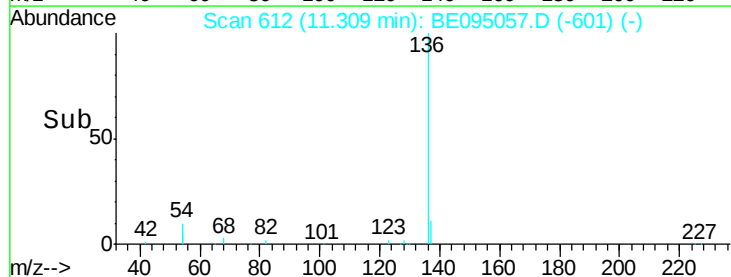
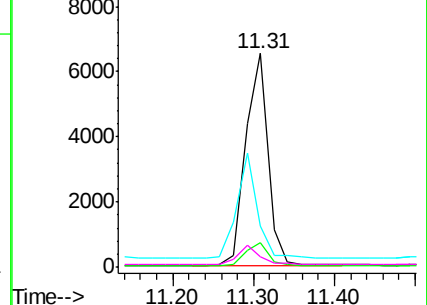


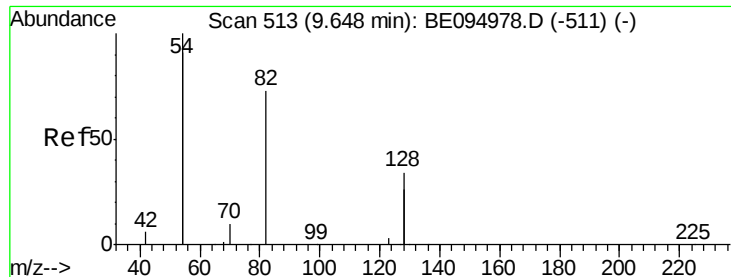
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.446 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.02 min

Lab File: BE095057.D

Acq: 26 Dec 2017 15:50

Instrument :

BNA_E

ClientSampleId :

C-MW-11-121817

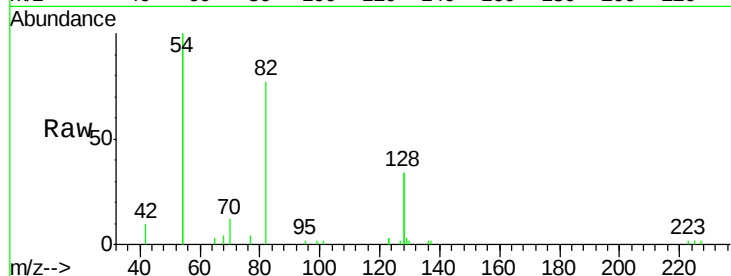
Tgt Ion: 82 Resp: 4583

Ion Ratio Lower Upper

82 100

128 89.0 150.0 225.0#

54 259.3 154.2 231.4#

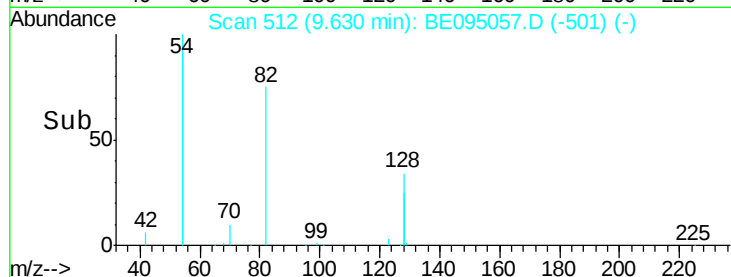


Abundance Ion 82.00 (81.70 to 82.70): BE094978.D (-511) (-)

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

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

Time-->

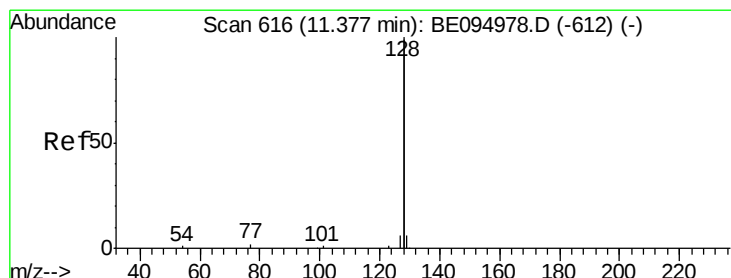


Abundance Ion 82.00 (81.70 to 82.70): BE095057.D (-501) (-)

Ion 128.00 (127.70 to 128.70): BE095057.D (-501) (-)

Ion 54.00 (53.70 to 54.70): BE095057.D (-501) (-)

Time-->



#9

Naphthalene

Concen: 0.076 ng

RT: 11.36 min Scan# 615

Delta R.T. -0.02 min

Lab File: BE095057.D

Acq: 26 Dec 2017 15:50

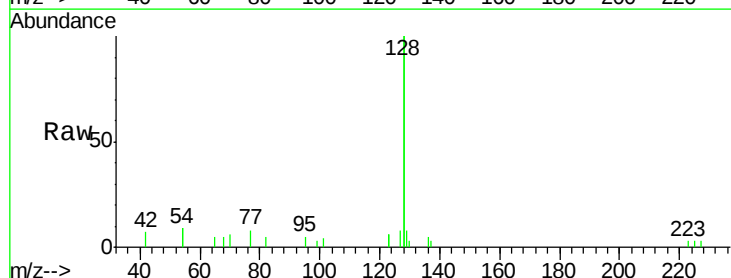
Tgt Ion: 128 Resp: 11128

Ion Ratio Lower Upper

128 100

129 4.1 2.6 3.8#

127 4.1 2.8 4.2

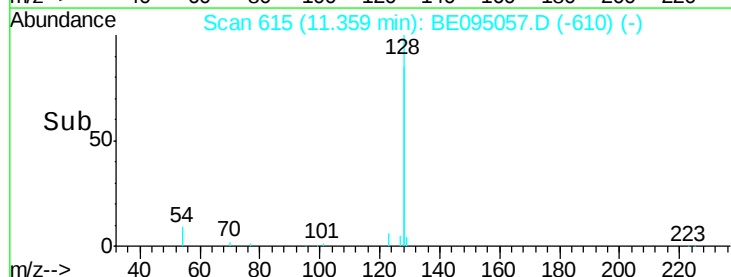


Abundance Ion 128.00 (127.70 to 128.70): BE094978.D (-612) (-)

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

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

Time-->

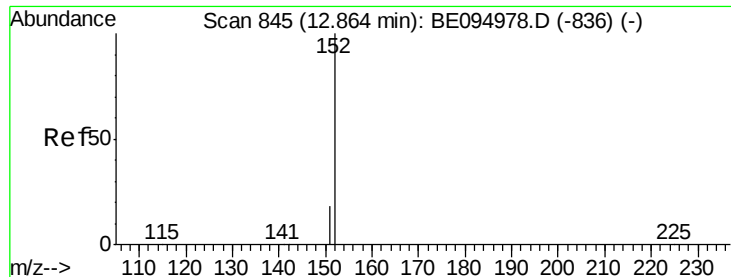


Abundance Ion 128.00 (127.70 to 128.70): BE095057.D (-610) (-)

Ion 129.00 (128.70 to 129.70): BE095057.D (-610) (-)

Ion 127.00 (126.70 to 127.70): BE095057.D (-610) (-)

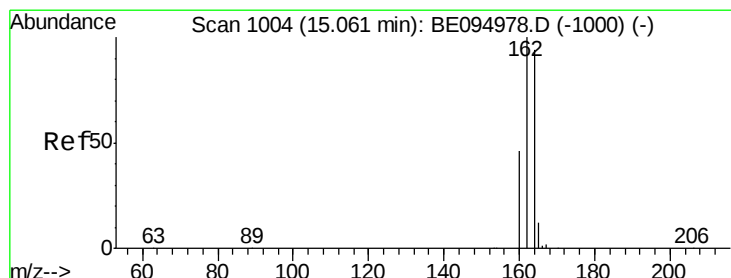
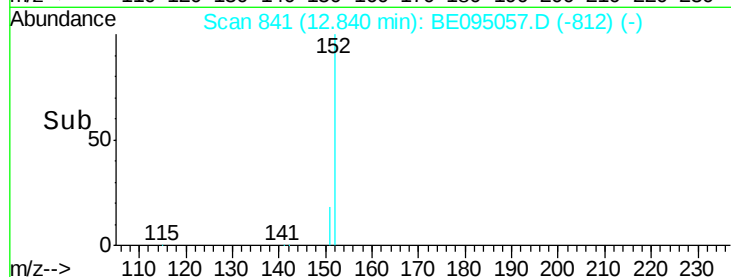
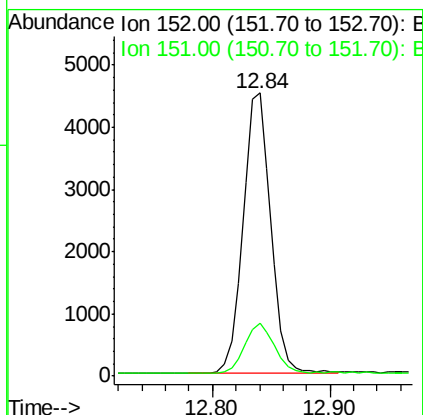
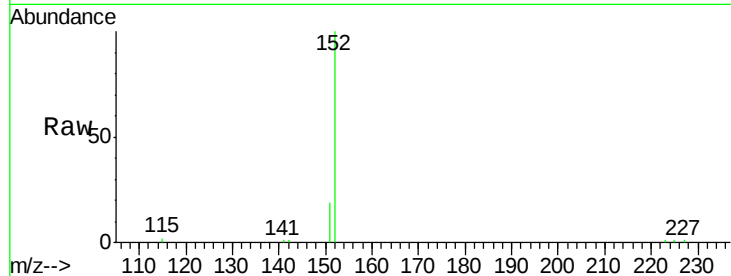
Time-->



#11
 2-Methylnaphthalene-d10
 Concen: 0.357 ng
 RT: 12.84 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BE095057.D
 Acq: 26 Dec 2017 15:50

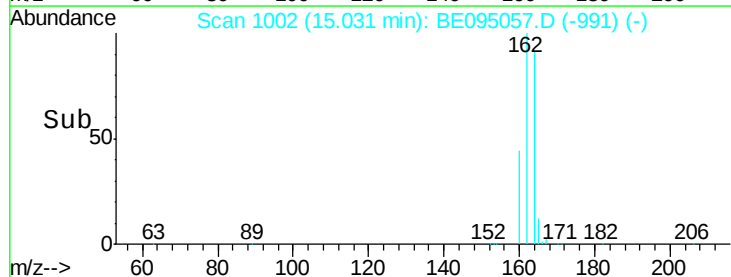
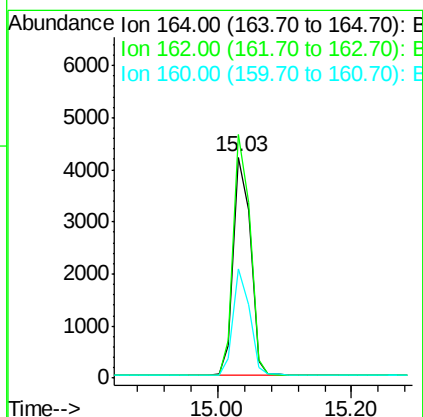
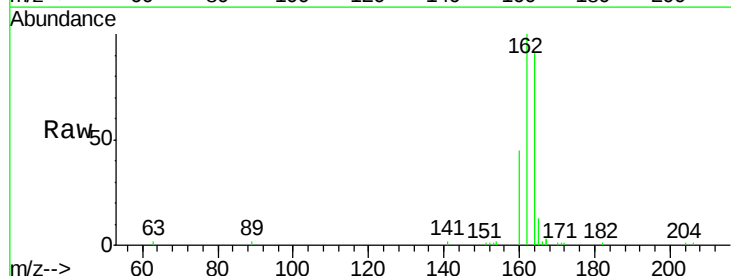
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 BNA_E
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 C-MW-11-121817

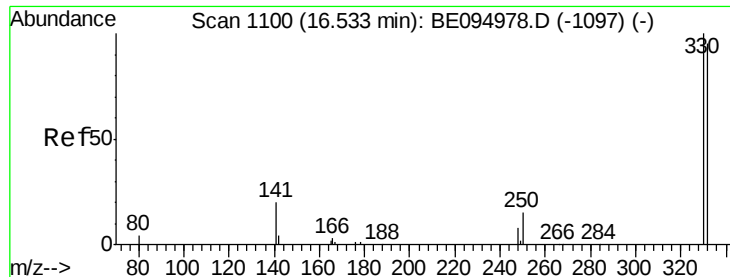
Tgt Ion:152 Resp: 7323
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.03 min Scan# 1002
 Delta R.T. -0.03 min
 Lab File: BE095057.D
 Acq: 26 Dec 2017 15:50

Tgt Ion:164 Resp: 7396
 Ion Ratio Lower Upper
 164 100
 162 110.1 83.1 124.7
 160 49.4 37.1 55.7

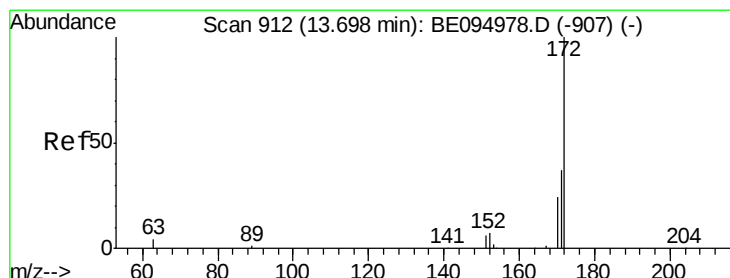
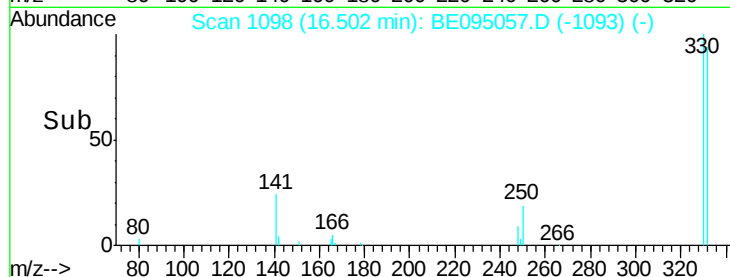
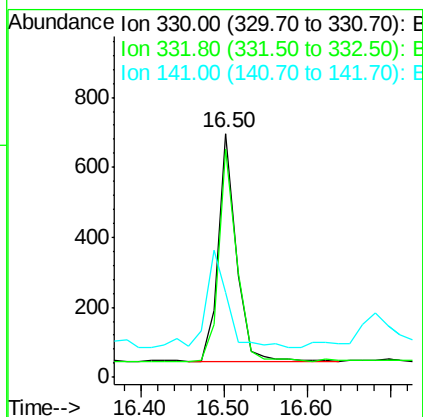
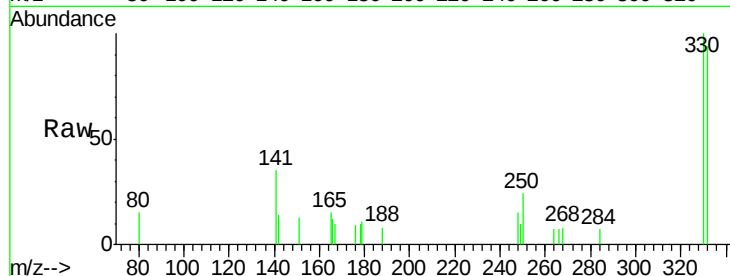




#14
 2,4,6-Tribromophenol
 Concen: 0.582 ng
 RT: 16.50 min Scan# 1098
 Delta R.T. -0.03 min
 Lab File: BE095057.D
 Acq: 26 Dec 2017 15:50

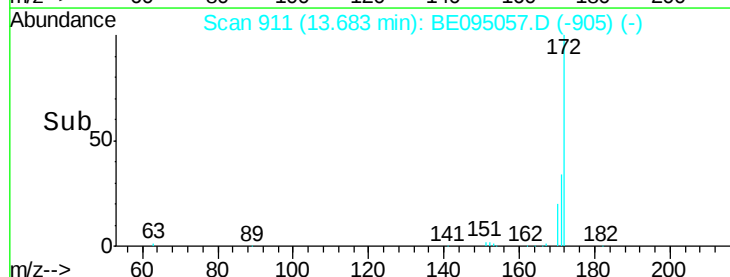
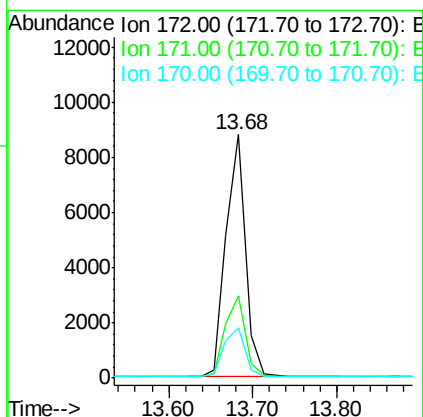
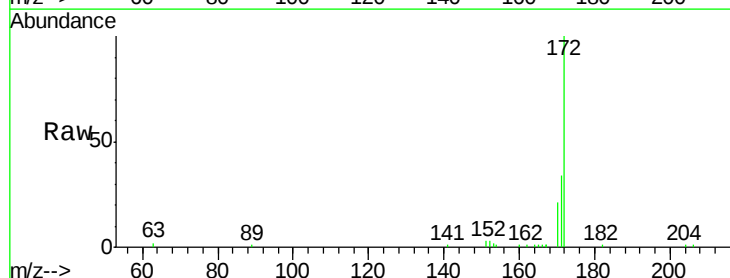
Instrument :
 BNA_E
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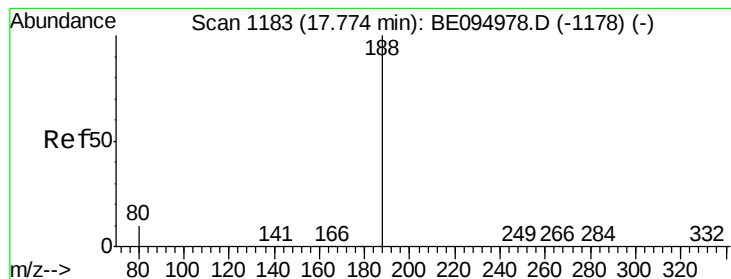
Tgt Ion: 330 Resp: 1000
 Ion Ratio Lower Upper
 330 100
 332 92.0 152.7 229.1#
 141 50.7 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.432 ng
 RT: 13.68 min Scan# 911
 Delta R.T. -0.02 min
 Lab File: BE095057.D
 Acq: 26 Dec 2017 15:50

Tgt Ion: 172 Resp: 14151
 Ion Ratio Lower Upper
 172 100
 171 34.0 29.9 44.9
 170 20.6 21.8 32.8#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.03 min

Lab File: BE095057.D

Acq: 26 Dec 2017 15:50

Instrument :

BNA_E

ClientSampleId :

C-MW-11-121817

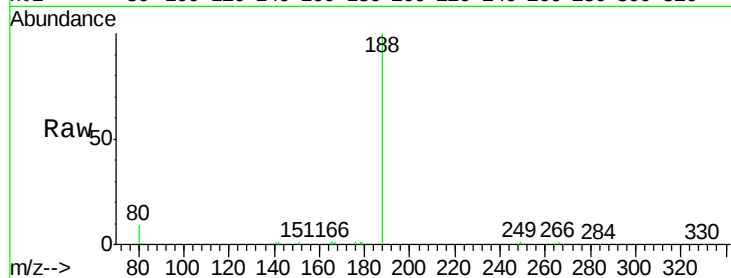
Tgt Ion:188 Resp: 17391

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

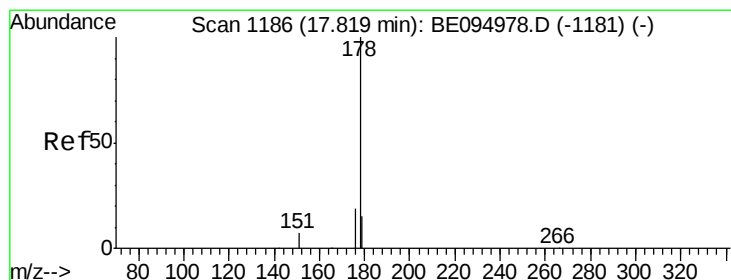
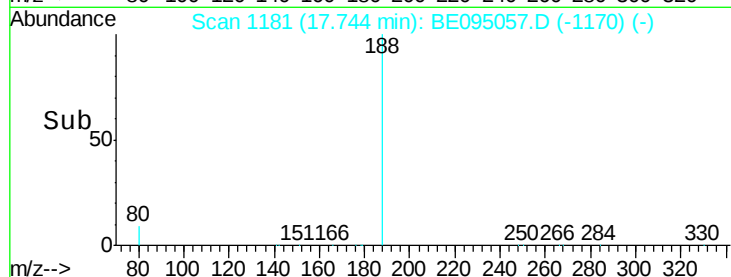
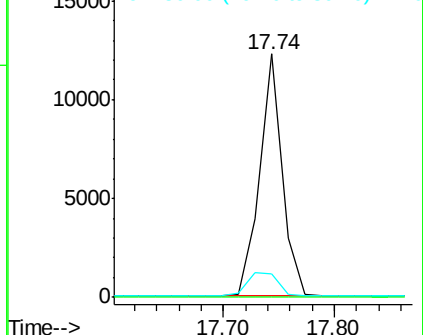
80 9.5 3.6 5.4#



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: 0.039 ng

RT: 17.79 min Scan# 1184

Delta R.T. -0.03 min

Lab File: BE095057.D

Acq: 26 Dec 2017 15:50

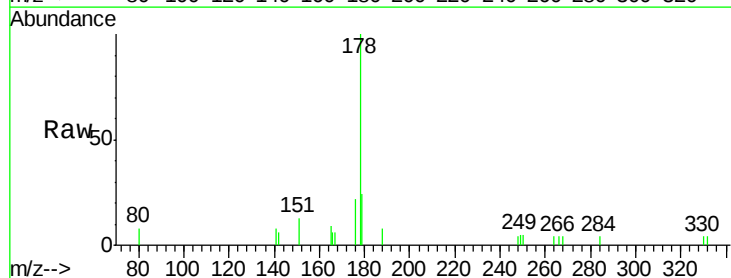
Tgt Ion:178 Resp: 2117

Ion Ratio Lower Upper

178 100

176 18.3 15.1 22.7

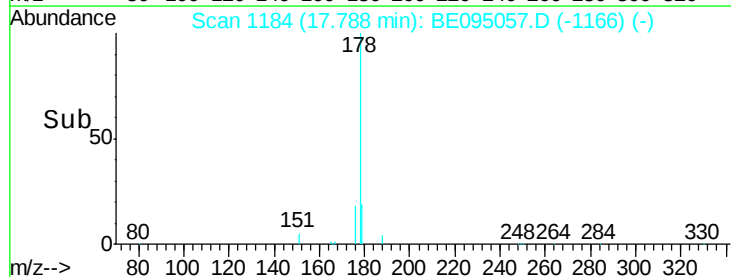
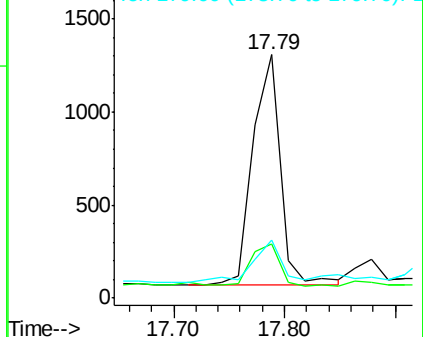
179 15.4 11.8 17.6

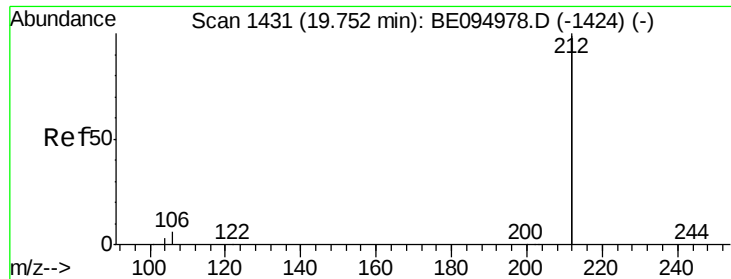


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

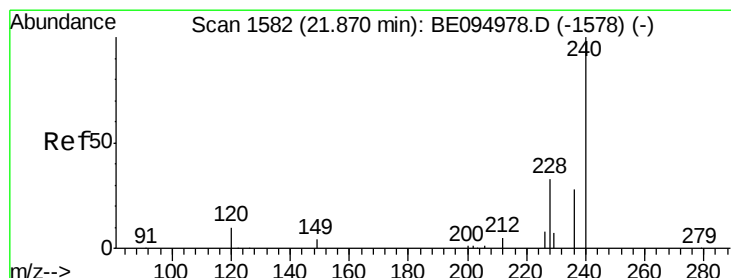
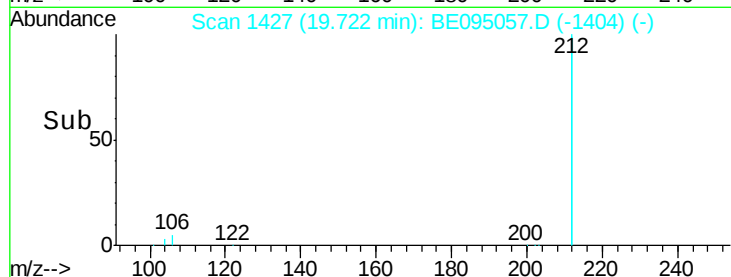
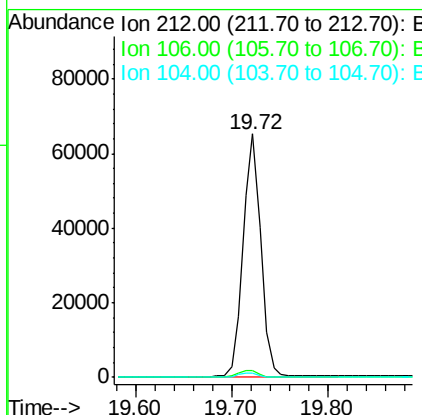
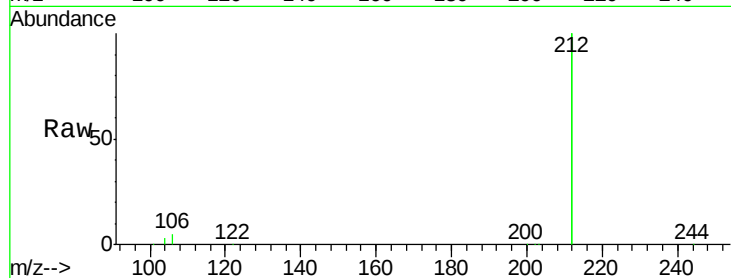




#25
 Fluoranthene-d10
 Concen: 0.371 ng
 RT: 19.72 min Scan# 1427
 Delta R.T. -0.03 min
 Lab File: BE095057.D
 Acq: 26 Dec 2017 15:50

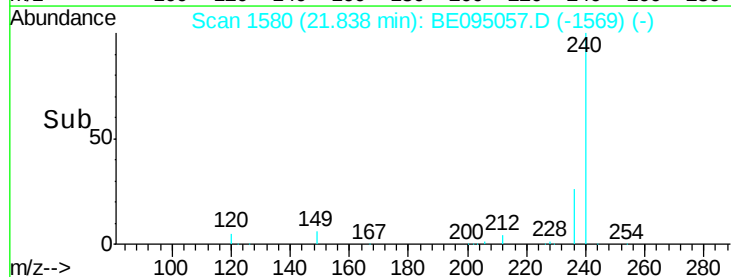
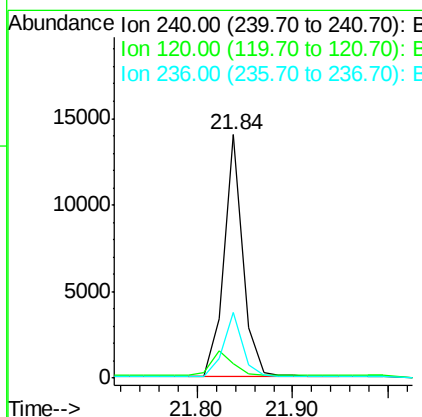
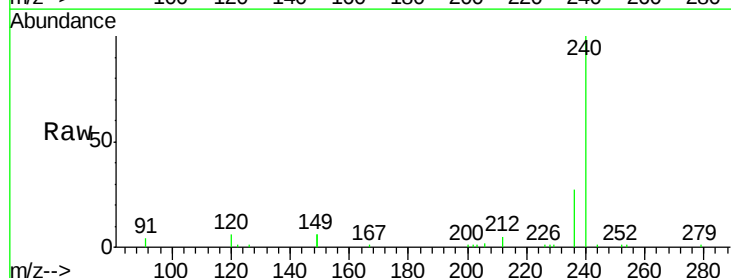
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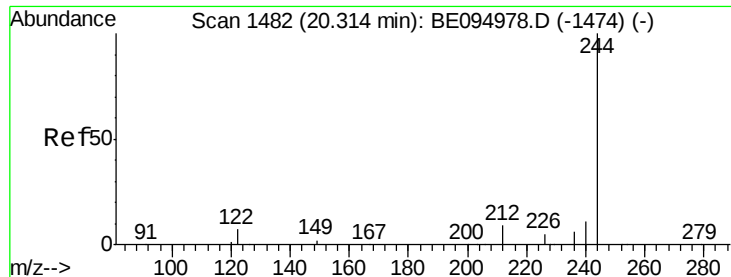
Tgt Ion:212 Resp: 83797
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.8 4.2
 104 1.8 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.84 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BE095057.D
 Acq: 26 Dec 2017 15:50

Tgt Ion:240 Resp: 19344
 Ion Ratio Lower Upper
 240 100
 120 6.0 5.5 8.3
 236 27.0 20.7 31.1





#29

Terphenyl-d14

Concen: 0.638 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095057.D

Acq: 26 Dec 2017 15:50

Instrument :

BNA_E

ClientSampleId :

C-MW-11-121817

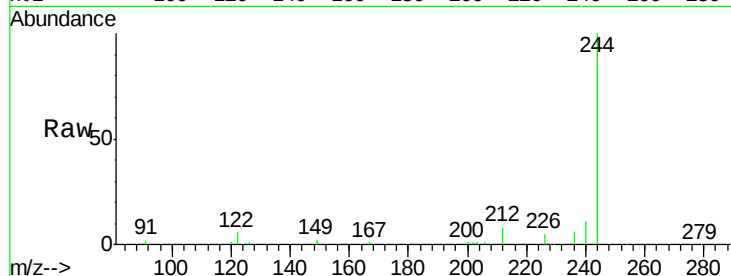
Tgt Ion:244 Resp: 23217

Ion Ratio Lower Upper

244 100

212 8.4 25.4 38.0#

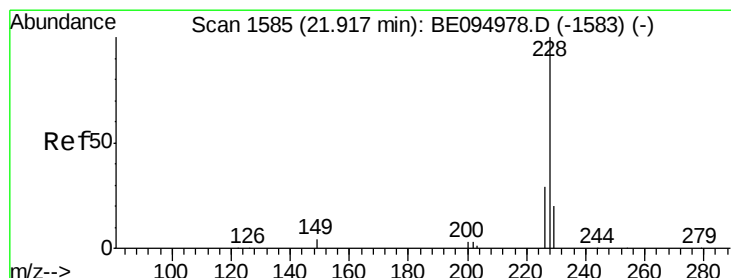
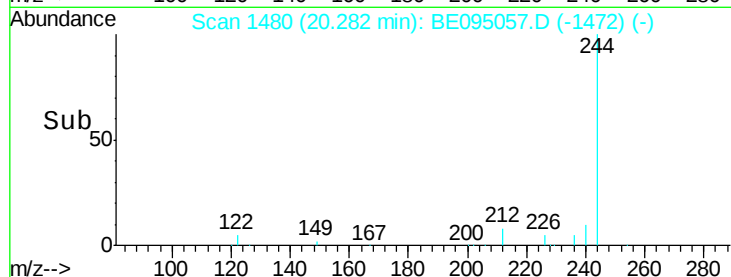
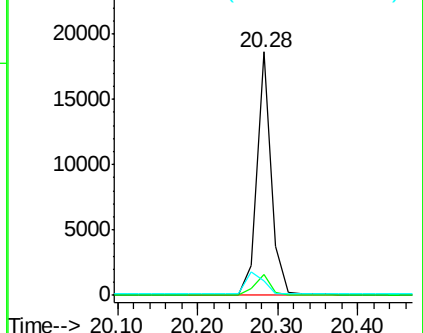
122 5.8 8.1 12.1#



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



#31

Chrysene

Concen: 0.029 ng

RT: 21.87 min Scan# 1582

Delta R.T. -0.05 min

Lab File: BE095057.D

Acq: 26 Dec 2017 15:50

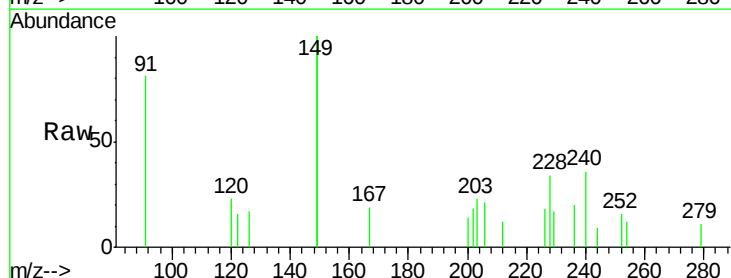
Tgt Ion:228 Resp: 1830

Ion Ratio Lower Upper

228 100

226 52.9 40.0 60.0

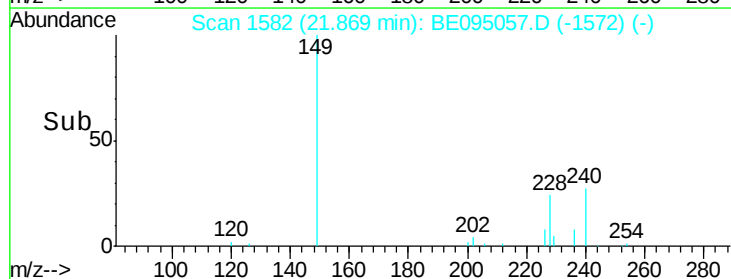
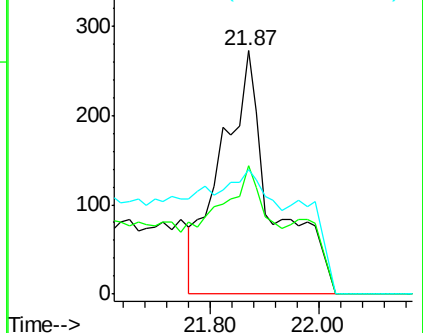
229 51.5 40.0 60.0

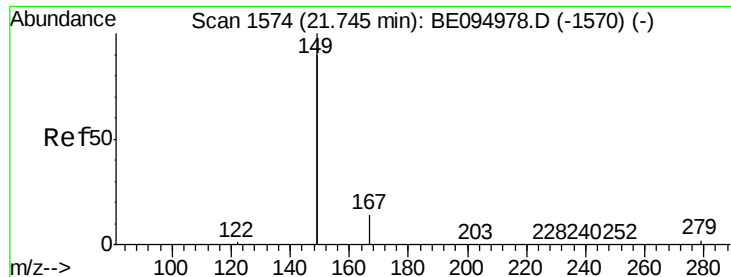


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.234 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.05 min

Lab File: BE095057.D

Acq: 26 Dec 2017 15:50

Instrument :

BNA_E

ClientSampleId :

C-MW-11-121817

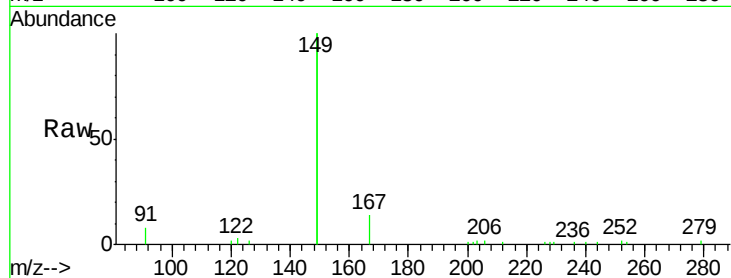
Tgt Ion:149 Resp: 16890

Ion Ratio Lower Upper

149 100

167 7.4 5.4 8.0

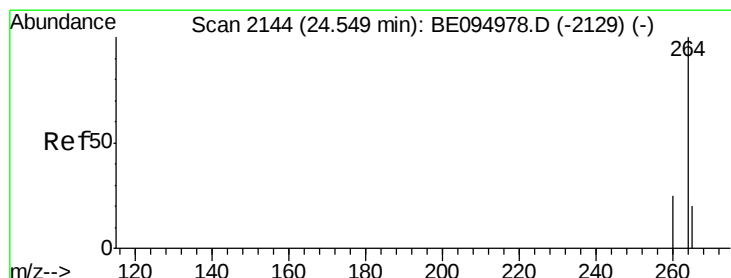
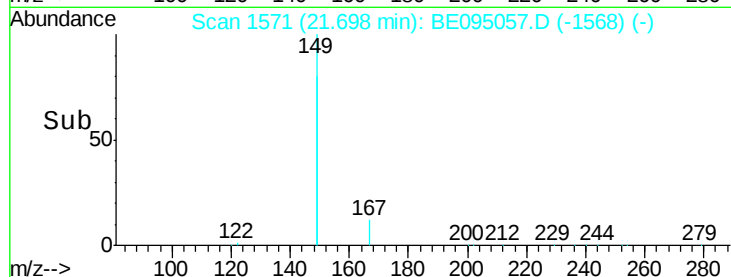
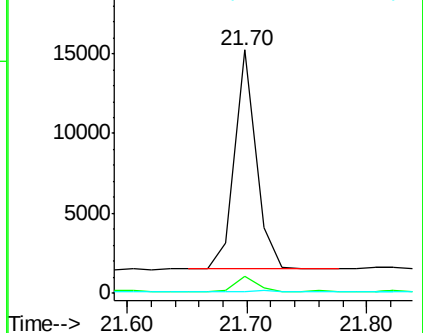
279 0.8 0.7 1.1



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: BE095057.D

Acq: 26 Dec 2017 15:50

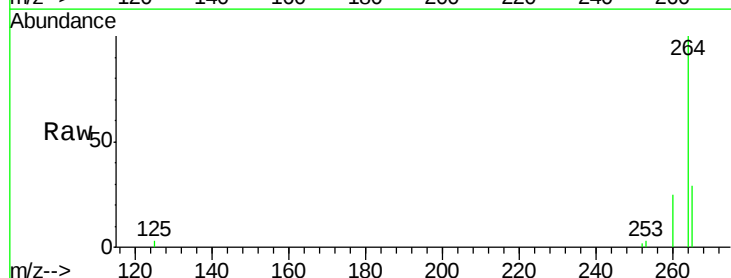
Tgt Ion:264 Resp: 17626

Ion Ratio Lower Upper

264 100

260 24.6 20.5 30.7

265 28.6 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

