

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122617\
 Data File : BE095053.D
 Acq On : 26 Dec 2017 13:27
 Operator : SJ/JU
 Sample : I7004-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-10-121817

Quant Time: Dec 26 18:22:38 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

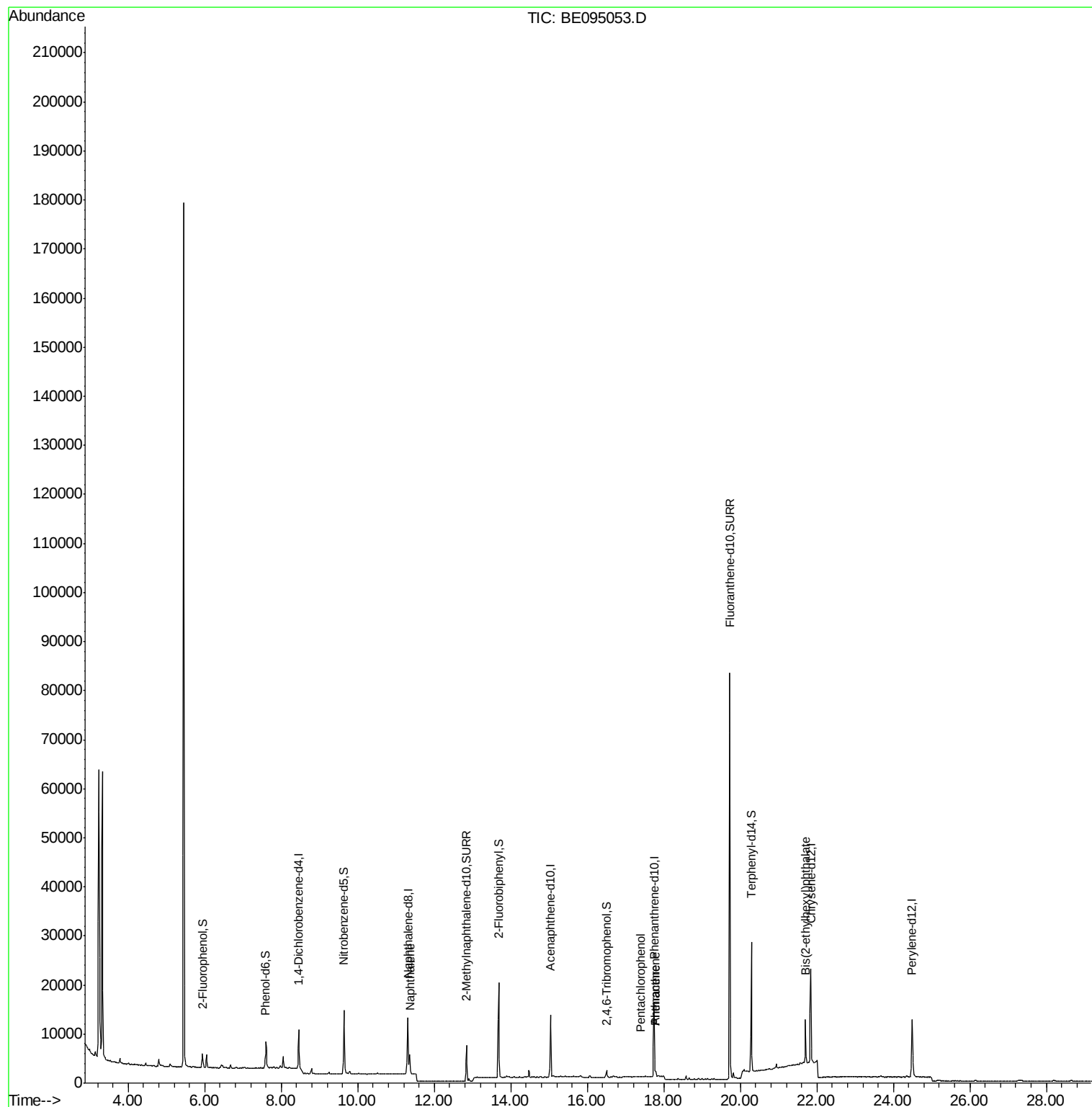
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6352	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	15281	0.40	ng	-0.02
13) Acenaphthene-d10	15.03	164	8492	0.40	ng	-0.03
19) Phenanthrene-d10	17.74	188	19493	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	21105	0.40	ng	-0.03
34) Perylene-d12	24.49	264	18884	0.40	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	1630	0.17	ng	-0.01
5) Phenol-d6	7.58	99	1451	0.10	ng	-0.01
8) Nitrobenzene-d5	9.63	82	5714	0.46	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	9624	0.38	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	842	0.43	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	18384	0.49	ng	-0.02
25) Fluoranthene-d10	19.72	212	106736	0.42	ng	-0.03
29) Terphenyl-d14	20.28	244	24593	0.62	ng	-0.03
Target Compounds						
9) Naphthalene	11.36	128	10738	0.060	ng	Qvalue # 98
22) Pentachlorophenol	17.40	266	25	0.088	ng	94
23) Phenanthrene	17.79	178	1475	0.024	ng	97
24) Anthracene	17.79	178	1475	0.024	ng	96
32) Bis(2-ethylhexyl)phthalate	21.70	149	10444	0.133	ng	99

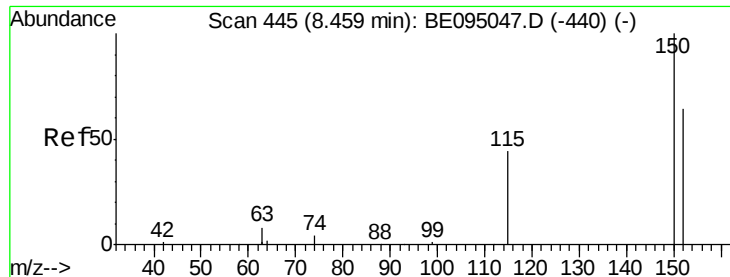
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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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: BE095053.D

Acq: 26 Dec 2017 13:27

Instrument :

BNA_E

ClientSampleId :

C-MW-10-121817

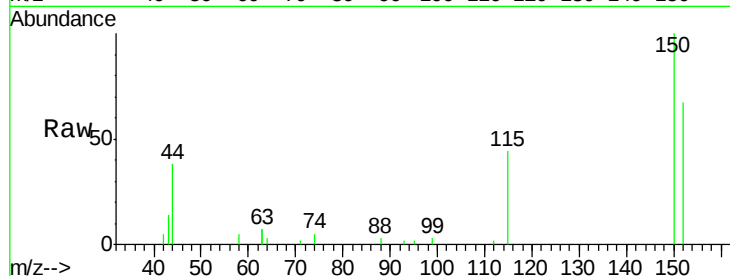
Tgt Ion:152 Resp: 6352

Ion Ratio Lower Upper

152 100

150 150.1 117.2 175.8

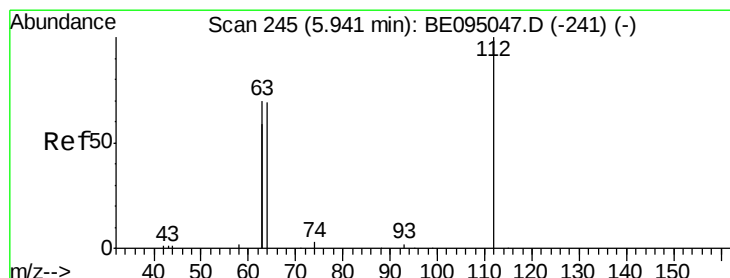
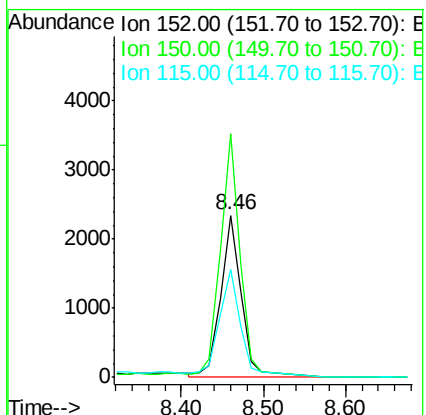
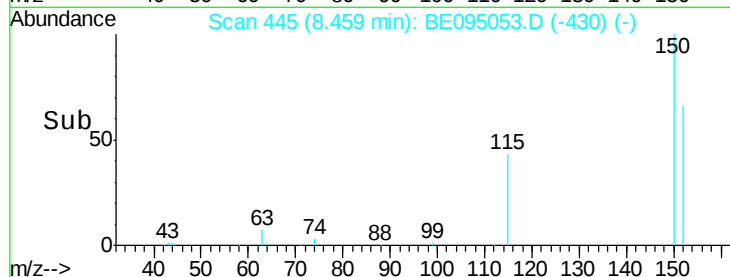
115 66.7 57.0 85.6



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: 0.165 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: BE095053.D

Acq: 26 Dec 2017 13:27

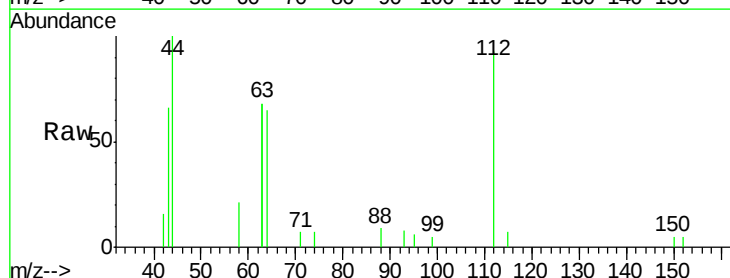
Tgt Ion:112 Resp: 1630

Ion Ratio Lower Upper

112 100

64 69.7 60.1 90.1

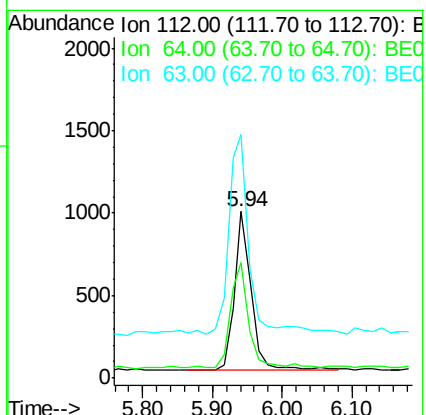
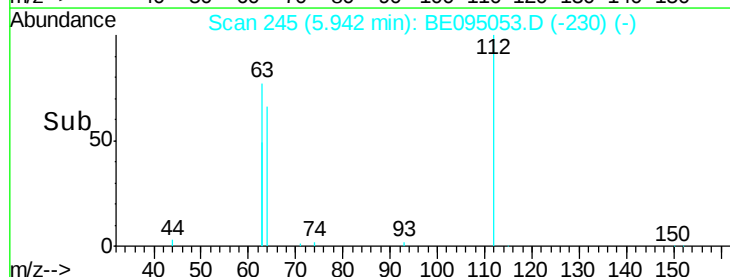
63 155.2 116.8 175.2

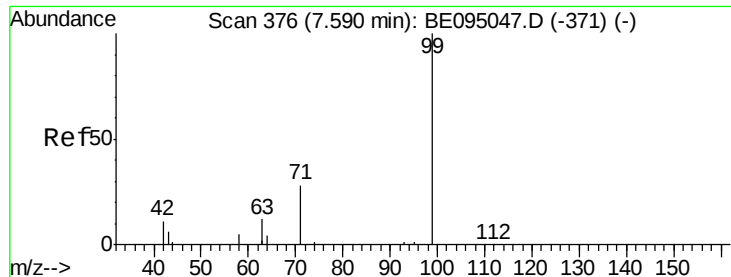


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.099 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE095053.D

Acq: 26 Dec 2017 13:27

Instrument :

BNA_E

ClientSampleId :

C-MW-10-121817

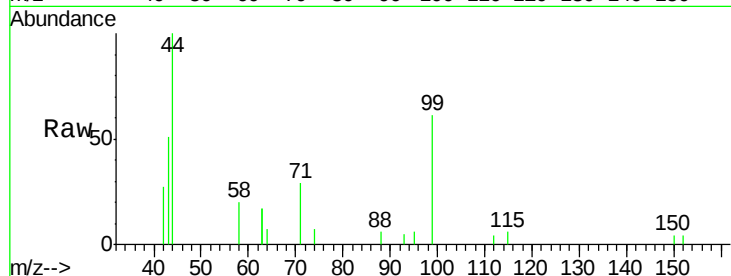
Tgt Ion: 99 Resp: 1451

Ion Ratio Lower Upper

99 100

42 42.5 20.2 30.2#

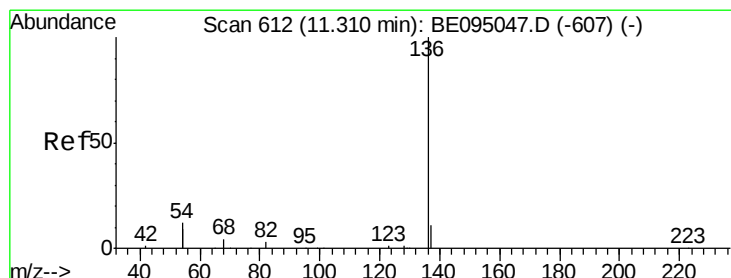
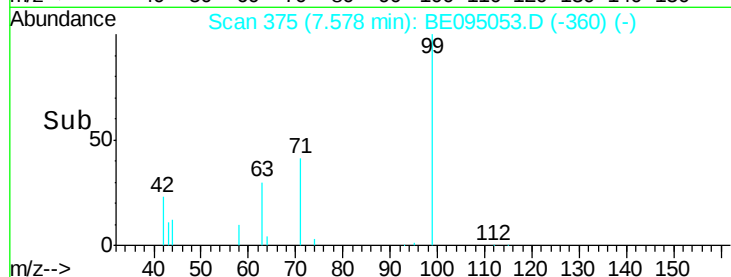
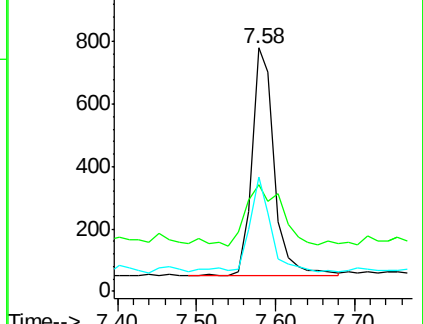
71 37.9 28.4 42.6



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: BE095053.D

Acq: 26 Dec 2017 13:27

Tgt Ion: 136 Resp: 15281

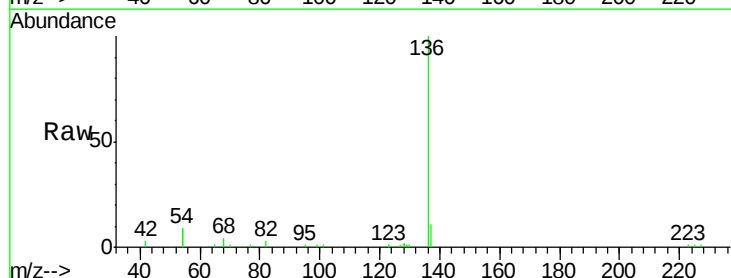
Ion Ratio Lower Upper

136 100

137 11.1 9.5 14.3

54 18.4 29.1 43.7#

68 4.5 6.2 9.2#

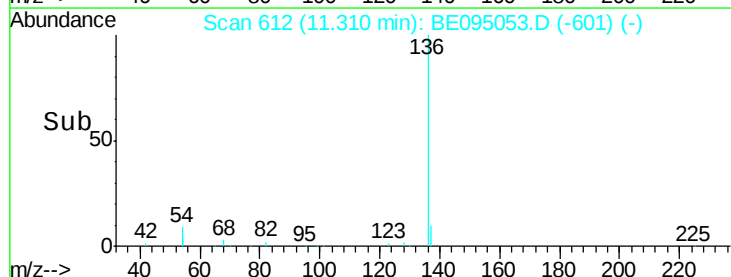
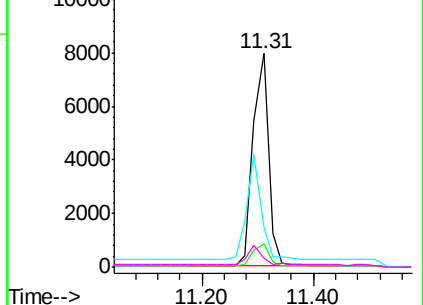


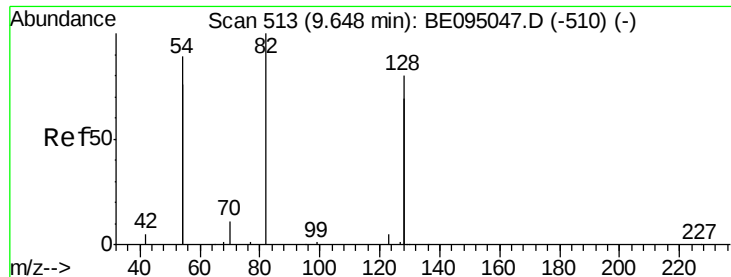
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.456 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.02 min

Lab File: BE095053.D

Acq: 26 Dec 2017 13:27

Instrument :

BNA_E

ClientSampleId :

C-MW-10-121817

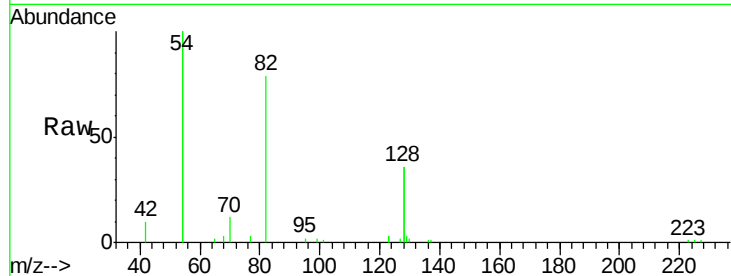
Tgt Ion: 82 Resp: 5714

Ion Ratio Lower Upper

82 100

128 91.0 150.0 225.0#

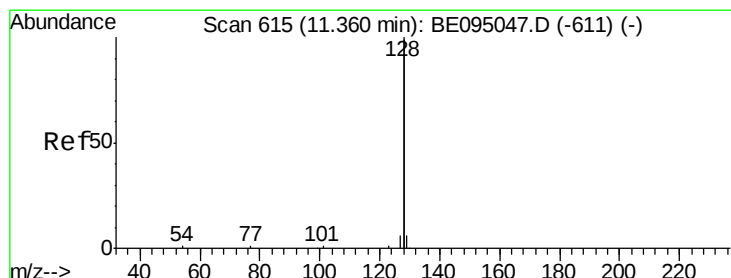
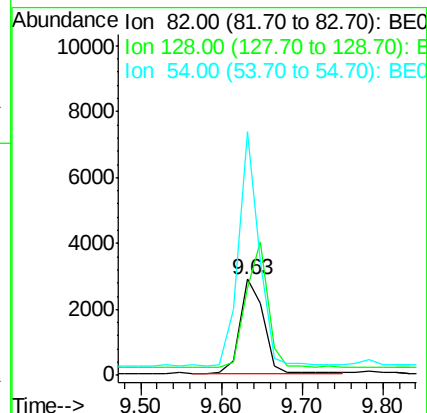
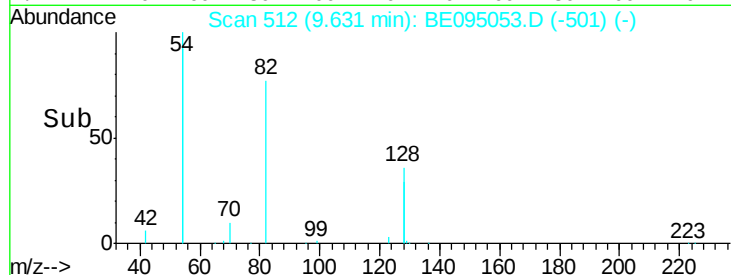
54 254.0 154.2 231.4#



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: 0.060 ng

RT: 11.36 min Scan# 615

Delta R.T. -0.02 min

Lab File: BE095053.D

Acq: 26 Dec 2017 13:27

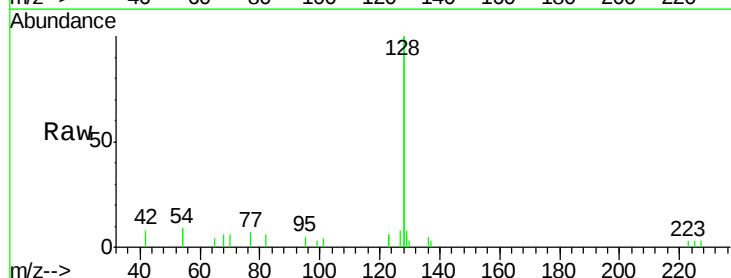
Tgt Ion: 128 Resp: 10738

Ion Ratio Lower Upper

128 100

129 4.1 2.6 3.8#

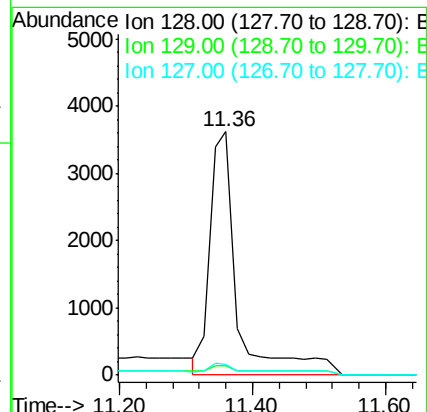
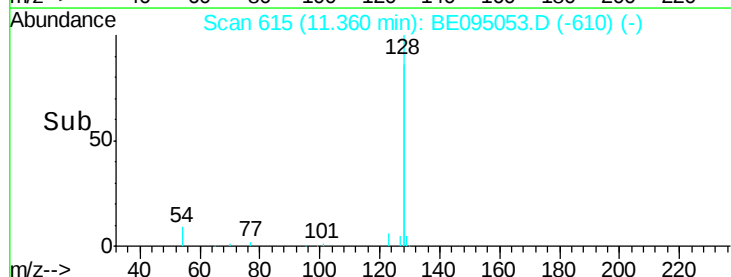
127 4.1 2.8 4.2

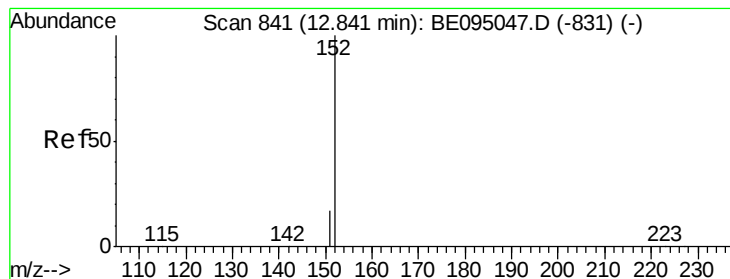


Abundance Ion 128.00 (127.70 to 128.70): BE0

Ion 129.00 (128.70 to 129.70): BE0

Ion 127.00 (126.70 to 127.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.385 ng

RT: 12.84 min Scan# 841

Delta R.T. -0.02 min

Lab File: BE095053.D

Acq: 26 Dec 2017 13:27

Instrument :

BNA_E

ClientSampleId :

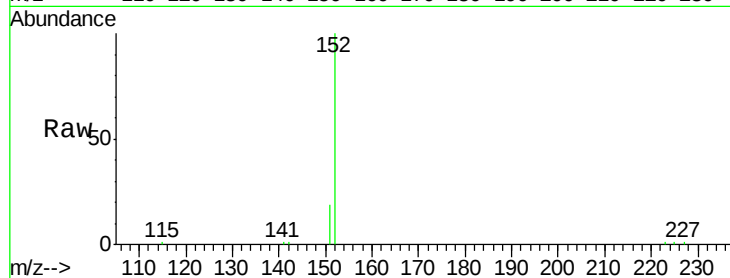
C-MW-10-121817

Tgt Ion:152 Resp: 9624

Ion Ratio Lower Upper

152 100

151 19.3 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

6000

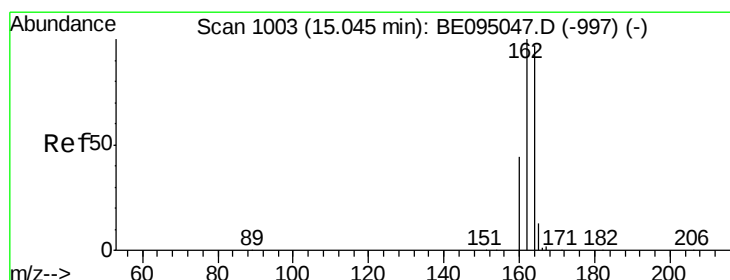
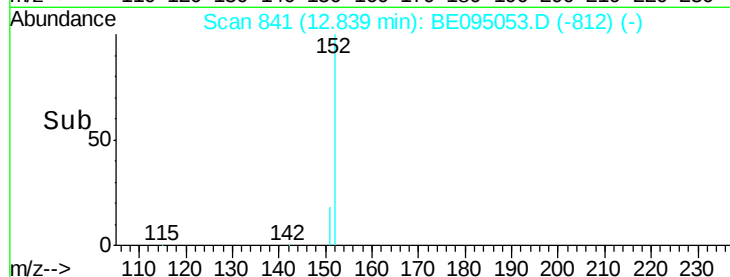
4000

2000

0

12.80 12.90

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BE095053.D

Acq: 26 Dec 2017 13:27

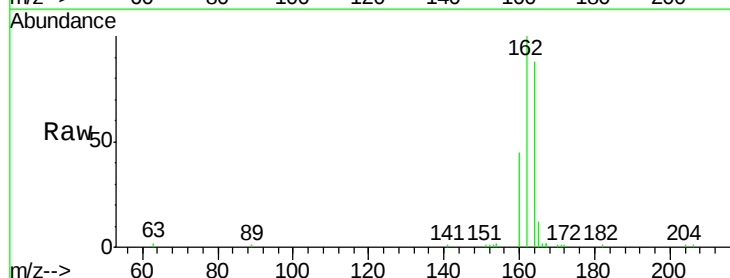
Tgt Ion:164 Resp: 8492

Ion Ratio Lower Upper

164 100

162 113.1 83.1 124.7

160 51.0 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

15.03

6000

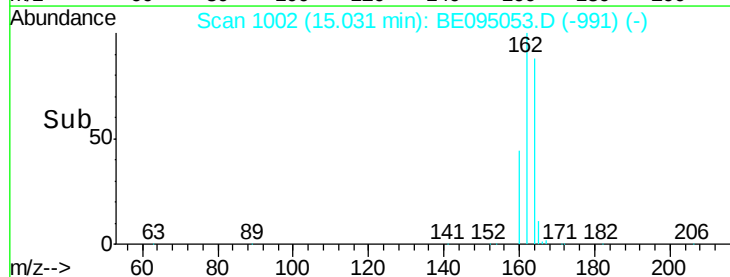
4000

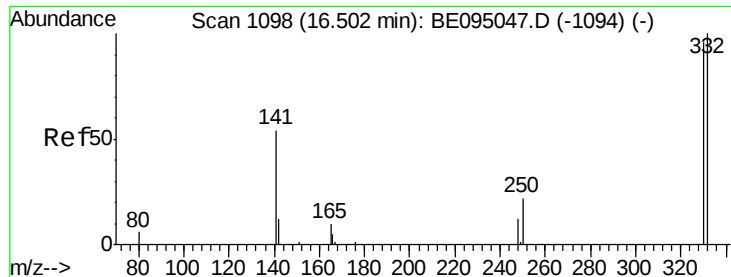
2000

0

14.90 15.00 15.10

Time-->

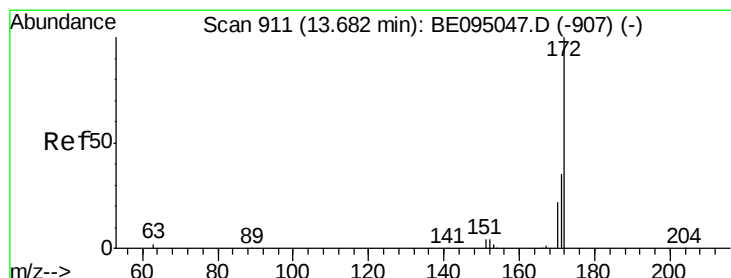
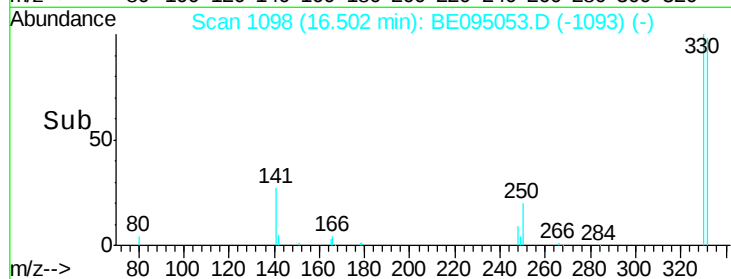
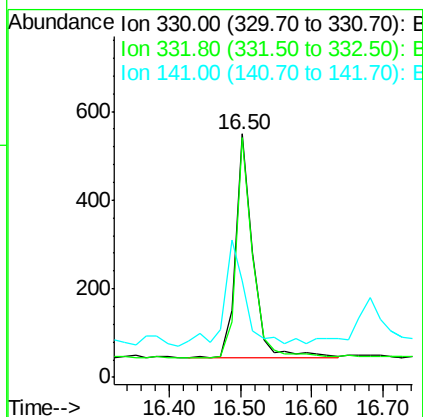
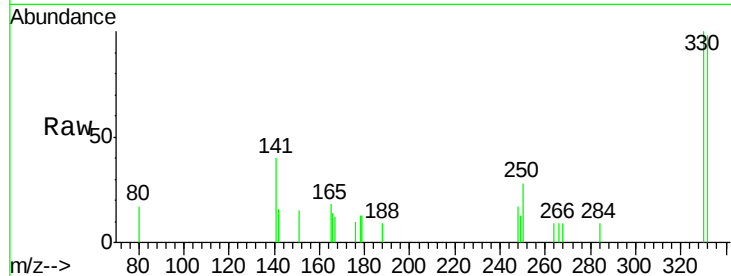




#14
 2,4,6-Tribromophenol
 Concen: 0.427 ng
 RT: 16.50 min Scan# 1098
 Delta R.T. -0.03 min
 Lab File: BE095053.D
 Acq: 26 Dec 2017 13:27

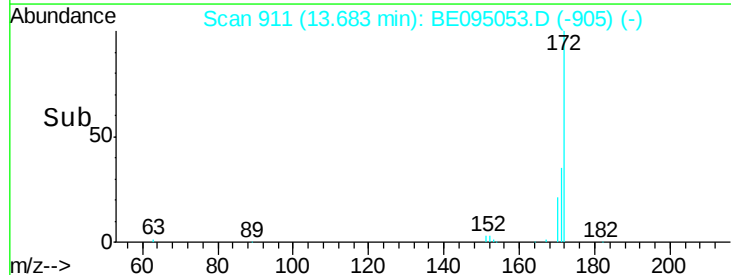
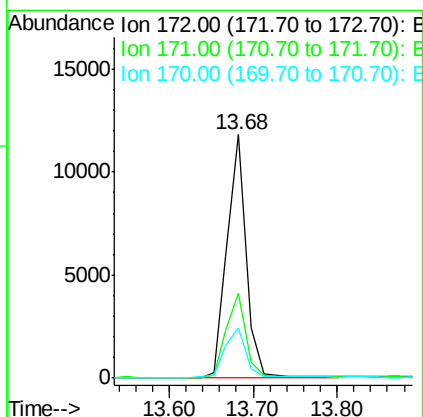
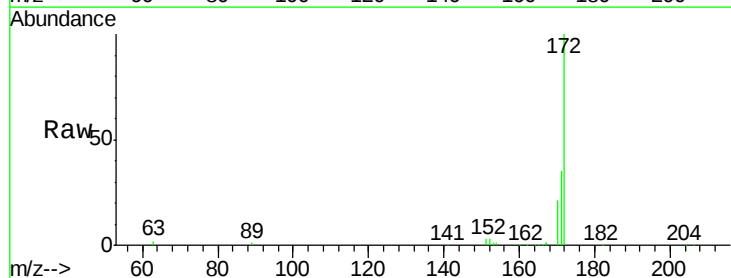
Instrument :
 BNA_E
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 C-MW-10-121817

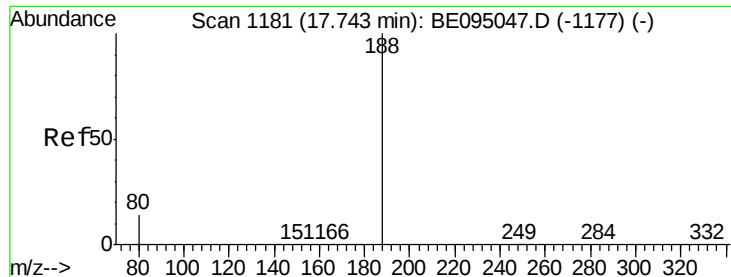
Tgt Ion: 330 Resp: 842
 Ion Ratio Lower Upper
 330 100
 332 95.8 152.7 229.1#
 141 51.9 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.489 ng
 RT: 13.68 min Scan# 911
 Delta R.T. -0.02 min
 Lab File: BE095053.D
 Acq: 26 Dec 2017 13:27

Tgt Ion: 172 Resp: 18384
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.9 44.9
 170 20.9 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: BE095053.D

Acq: 26 Dec 2017 13:27

Instrument :

BNA_E

ClientSampleId :

C-MW-10-121817

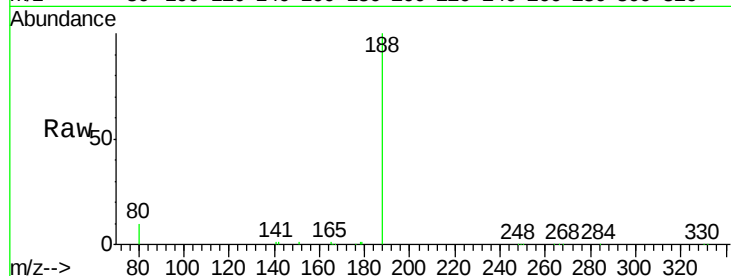
Tgt Ion:188 Resp: 19493

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

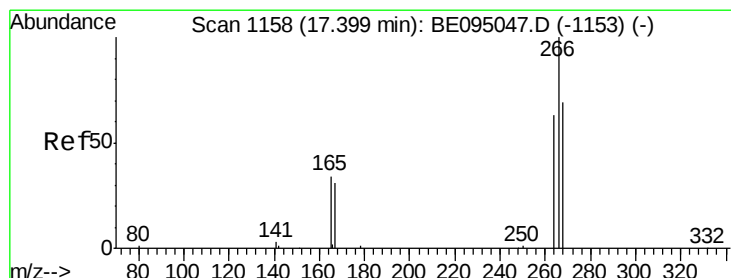
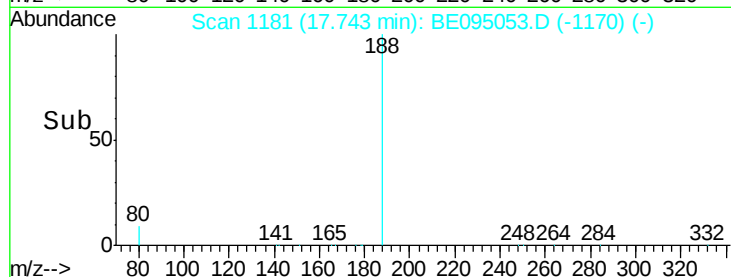
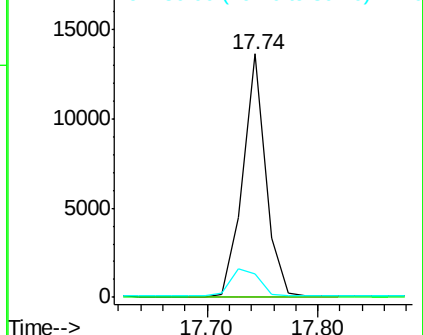
80 9.6 3.6 5.4#



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: 0.088 ng

RT: 17.40 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BE095053.D

Acq: 26 Dec 2017 13:27

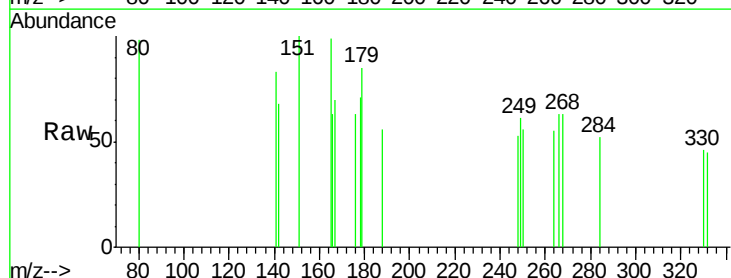
Tgt Ion:266 Resp: 25

Ion Ratio Lower Upper

266 100

264 87.1 72.5 108.7

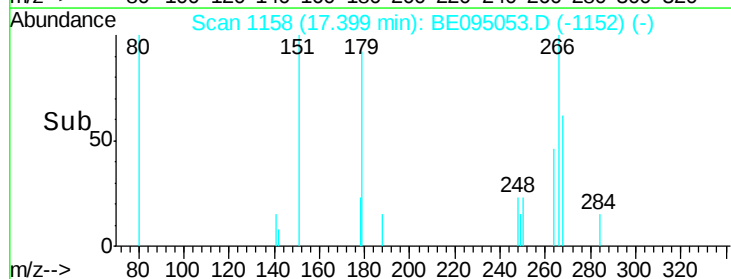
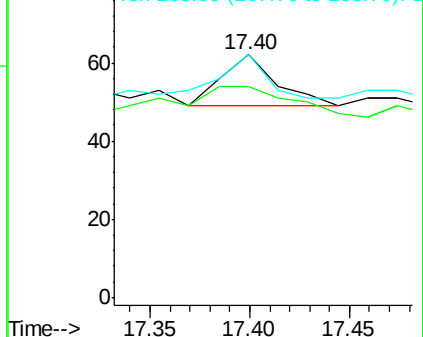
268 100.0 73.8 110.6

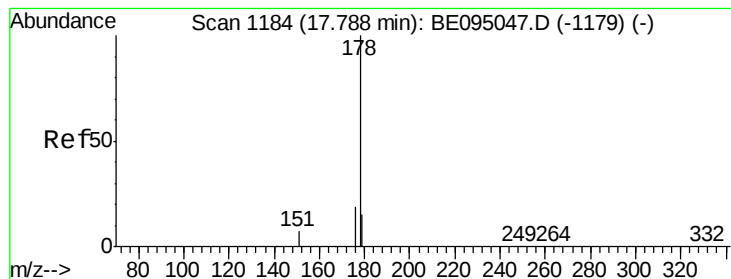


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.024 ng

RT: 17.79 min Scan# 1184

Delta R.T. -0.03 min

Lab File: BE095053.D

Acq: 26 Dec 2017 13:27

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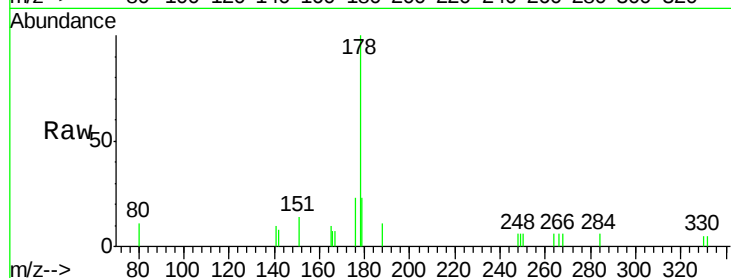
Tgt Ion:178 Resp: 1475

Ion Ratio Lower Upper

178 100

176 18.4 15.1 22.7

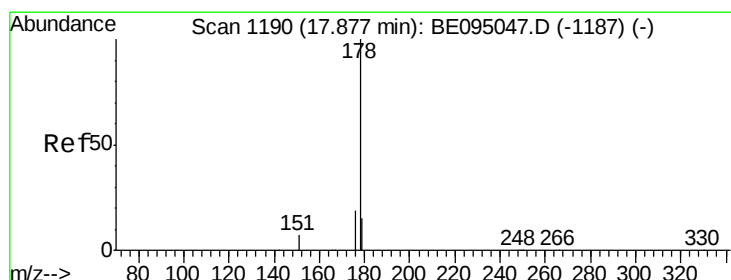
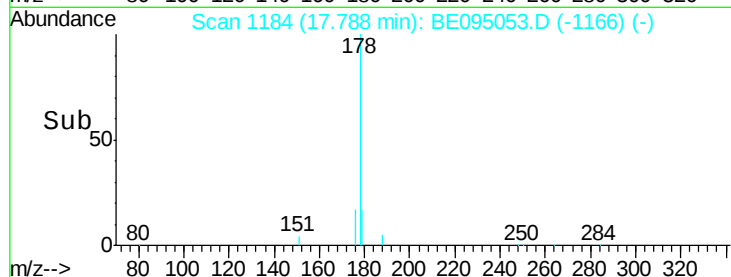
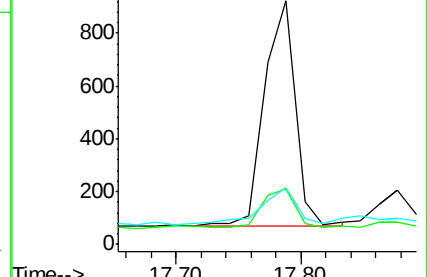
179 16.9 11.8 17.6



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



#24

Anthracene

Concen: 0.024 ng

RT: 17.79 min Scan# 1184

Delta R.T. -0.12 min

Lab File: BE095053.D

Acq: 26 Dec 2017 13:27

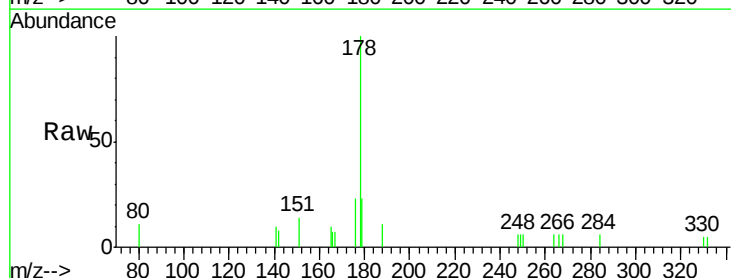
Tgt Ion:178 Resp: 1475

Ion Ratio Lower Upper

178 100

176 18.4 12.8 19.2

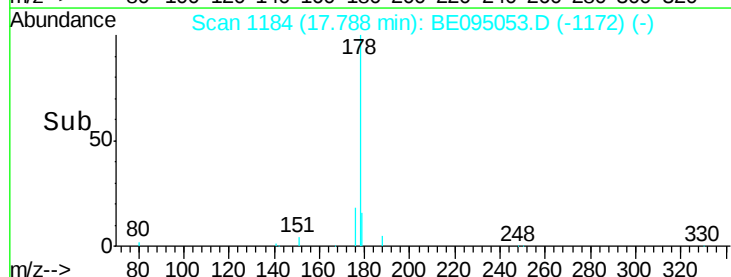
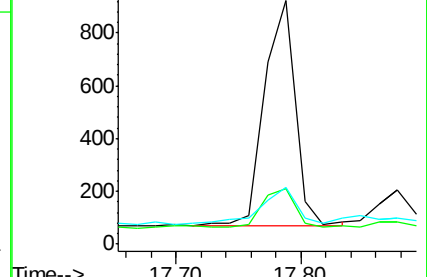
179 16.9 13.0 19.6

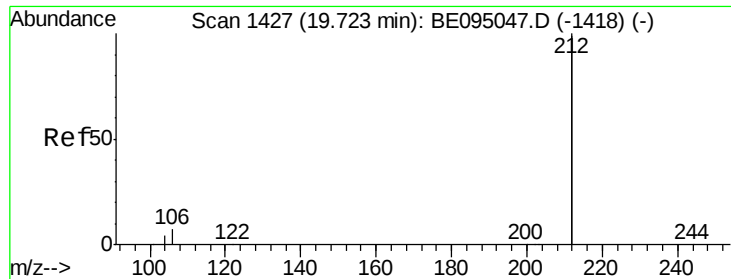


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

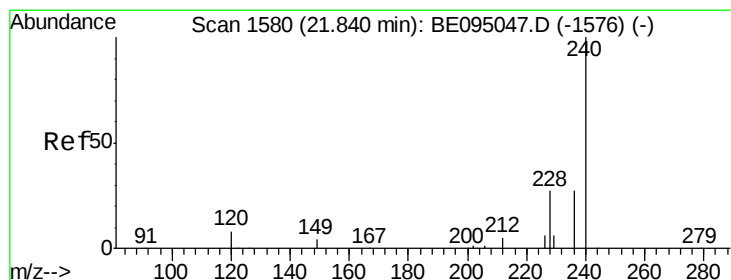
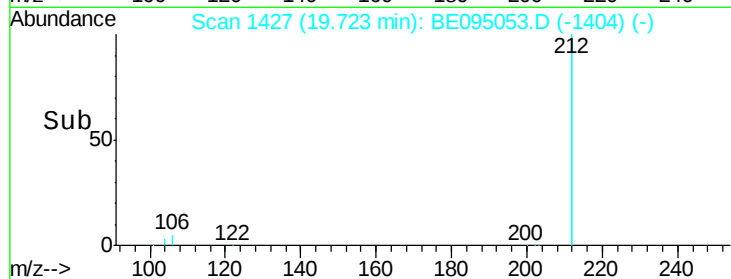
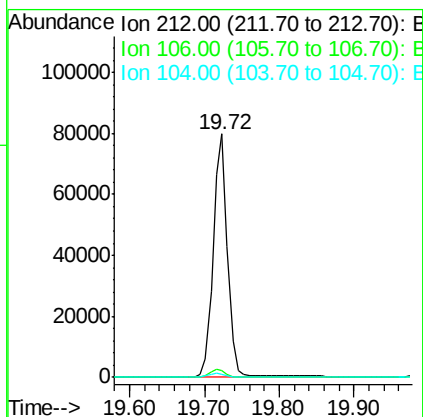
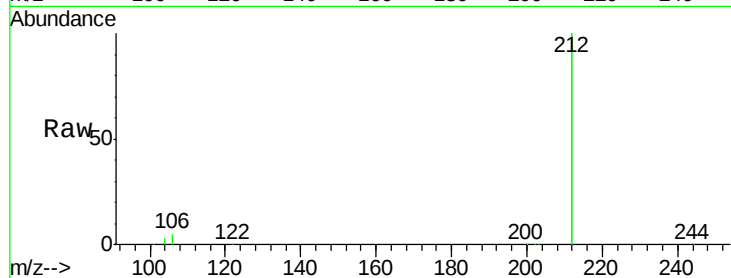




#25
 Fluoranthene-d10
 Concen: 0.422 ng
 RT: 19.72 min Scan# 1427
 Delta R.T. -0.03 min
 Lab File: BE095053.D
 Acq: 26 Dec 2017 13:27

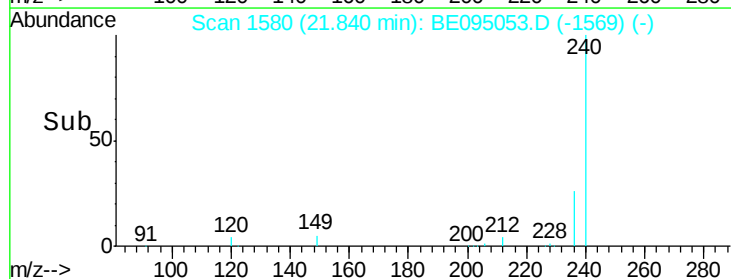
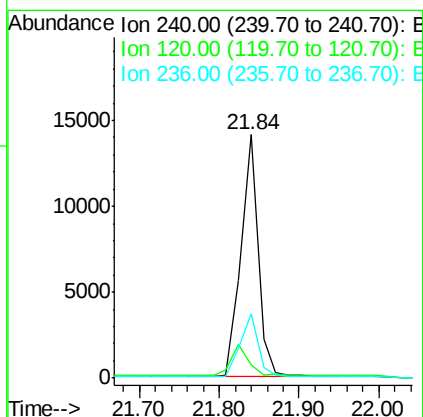
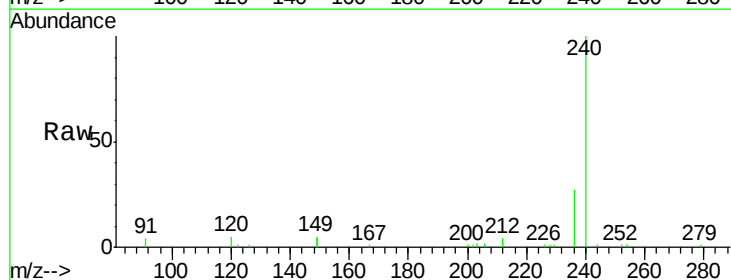
Instrument :
 BNA_E
 ClientSampleId :
 C-MW-10-121817

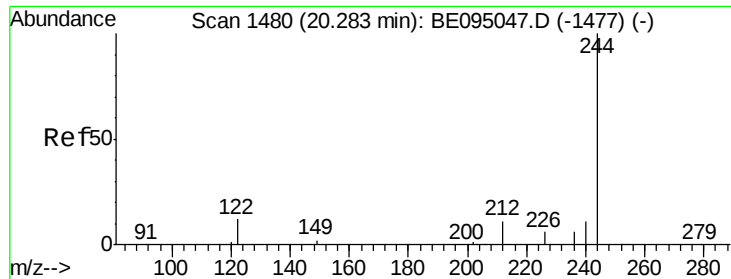
Tgt Ion: 212 Resp: 106736
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.8 4.2
 104 1.9 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.84 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BE095053.D
 Acq: 26 Dec 2017 13:27

Tgt Ion: 240 Resp: 21105
 Ion Ratio Lower Upper
 240 100
 120 5.5 5.5 8.3#
 236 26.6 20.7 31.1





#29

Terphenyl-d14

Concen: 0.619 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095053.D

Acq: 26 Dec 2017 13:27

Instrument :

BNA_E

ClientSampleId :

C-MW-10-121817

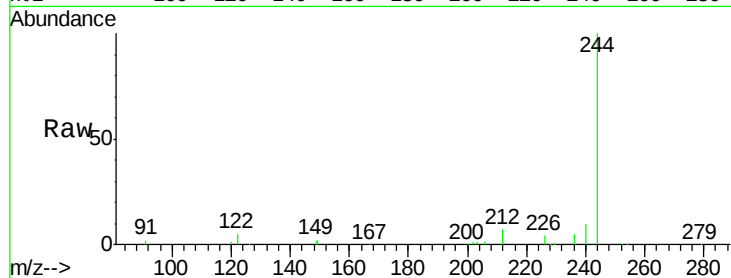
Tgt Ion:244 Resp: 24593

Ion Ratio Lower Upper

244 100

212 7.2 25.4 38.0#

122 4.6 8.1 12.1#

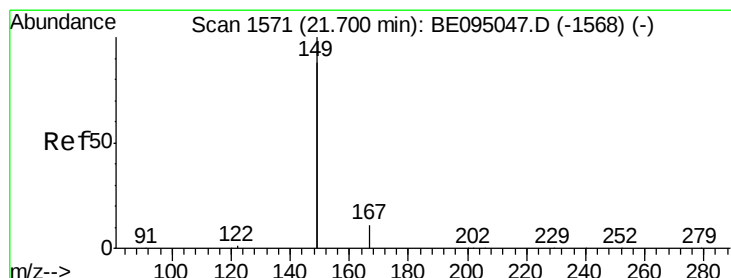
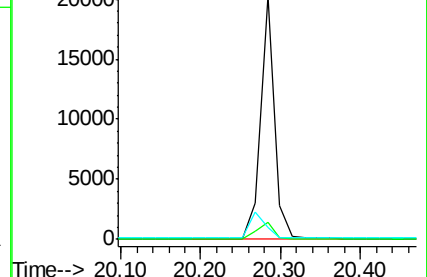
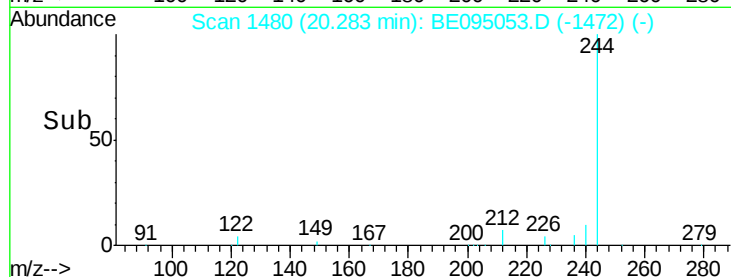


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.28



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.133 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.05 min

Lab File: BE095053.D

Acq: 26 Dec 2017 13:27

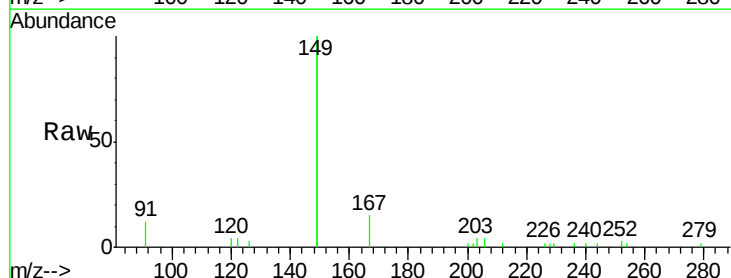
Tgt Ion:149 Resp: 10444

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

279 0.8 0.7 1.1

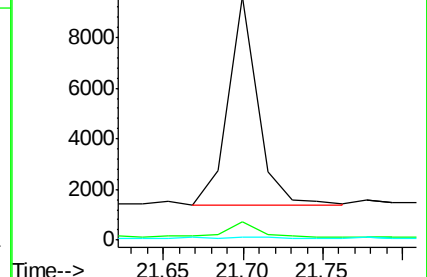
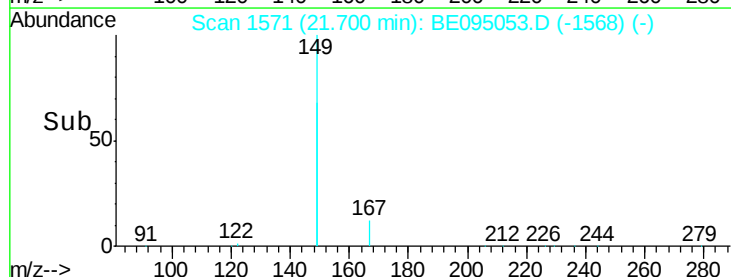


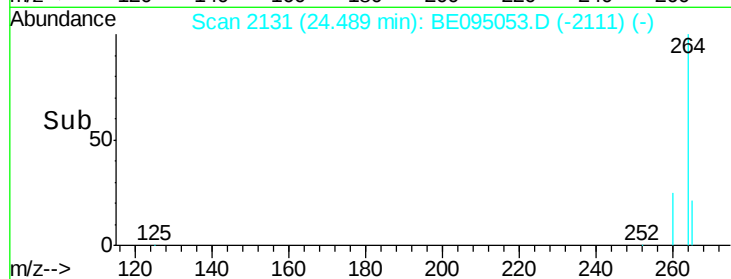
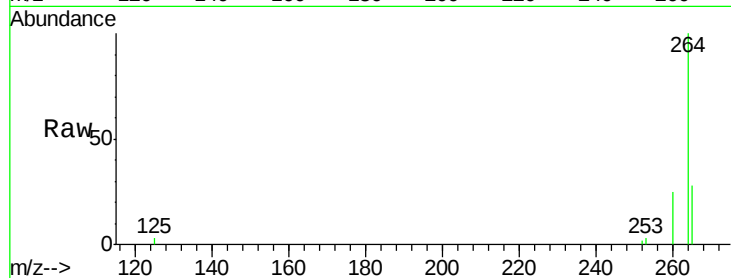
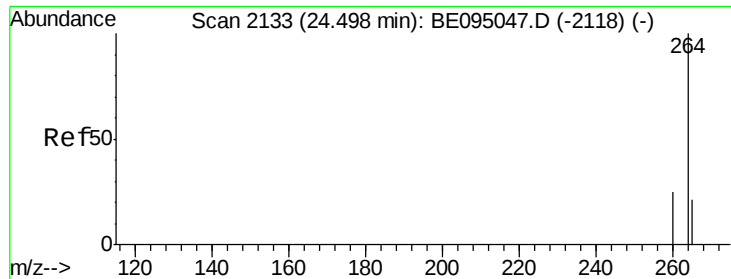
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.70





#34

Perylene-d12

Concen: 0.400 ng

RT: 24.49 min Scan# 2131

Delta R.T. -0.06 min

Lab File: BE095053.D

Acq: 26 Dec 2017 13:27

Instrument :

BNA_E

ClientSampleId :

C-MW-10-121817

Tgt Ion: 264 Resp: 18884

Ion Ratio Lower Upper

264 100

260 25.1 20.5 30.7

265 27.9 22.8 34.2

