

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122617\
 Data File : BE095054.D
 Acq On : 26 Dec 2017 14:03
 Operator : SJ/JU
 Sample : I7004-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-03-121917

Quant Time: Dec 26 16:20:53 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

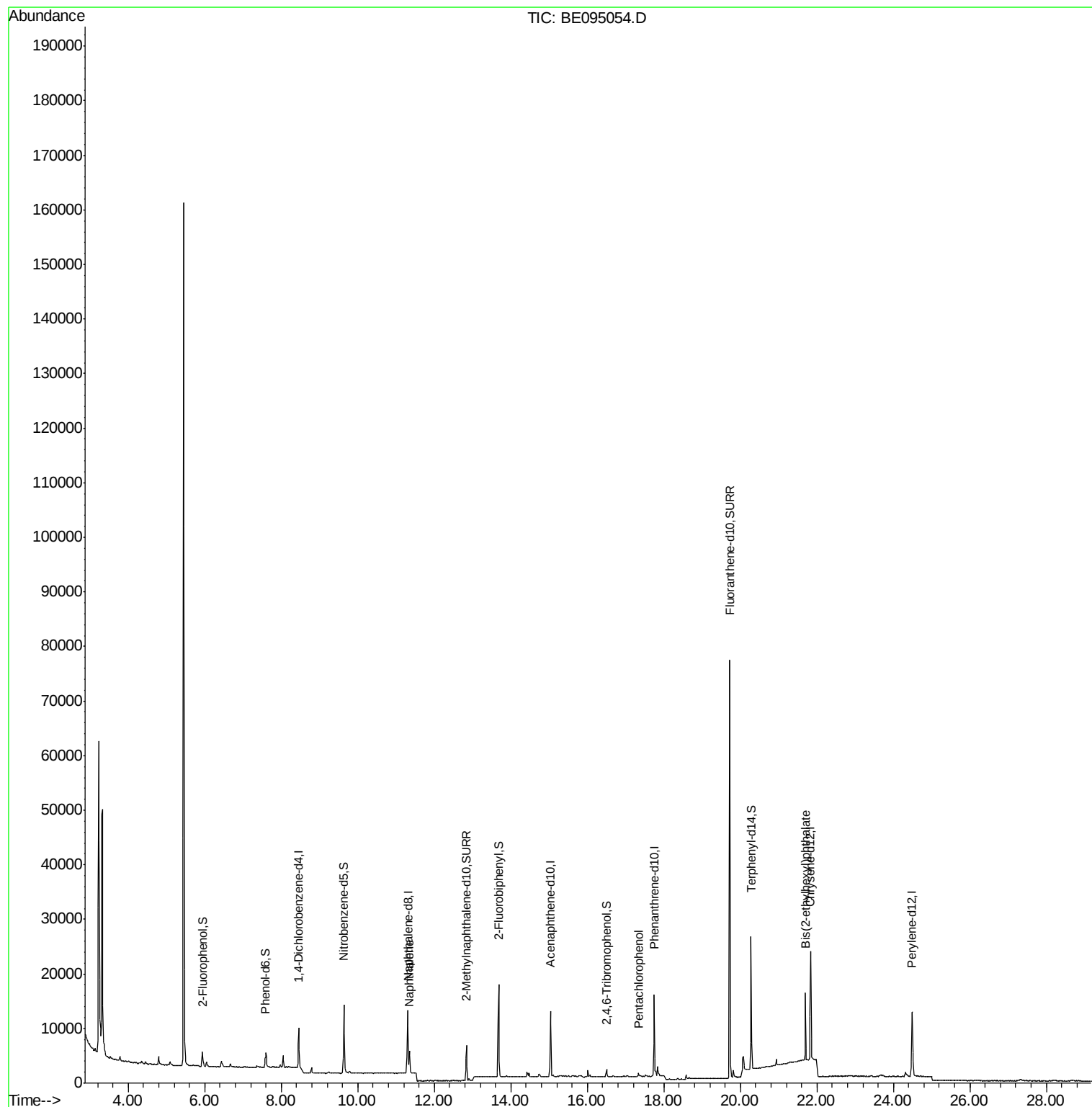
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6051	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	14432	0.40	ng	-0.02
13) Acenaphthene-d10	15.03	164	8069	0.40	ng	-0.03
19) Phenanthrene-d10	17.74	188	19565	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	21157	0.40	ng	-0.03
34) Perylene-d12	24.49	264	18630	0.40	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	1571	0.17	ng	-0.01
5) Phenol-d6	7.58	99	1450	0.10	ng	-0.01
8) Nitrobenzene-d5	9.63	82	5222	0.44	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	8624	0.36	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	827	0.44	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	16548	0.46	ng	-0.02
25) Fluoranthene-d10	19.72	212	100307	0.40	ng	-0.03
29) Terphenyl-d14	20.28	244	22485	0.56	ng	-0.03
Target Compounds						
9) Naphthalene	11.34	128	7100	0.042	ng	# 97
22) Pentachlorophenol	17.34	266	499	0.251	ng	# 27
32) Bis(2-ethylhexyl)phthalate	21.70	149	13770	0.175	ng	# 98

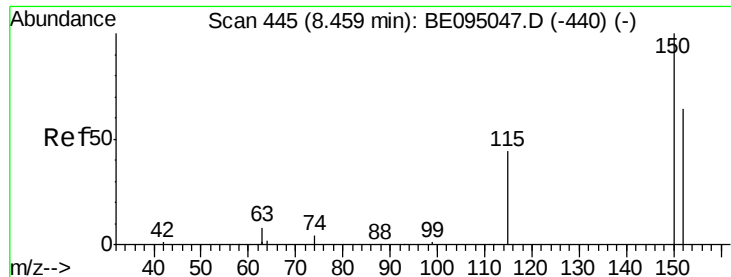
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122617\
Data File : BE095054.D
Acq On : 26 Dec 2017 14:03
Operator : SJ/JU
Sample : I7004-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PR-MW-03-121917

Quant Time: Dec 26 16:20:53 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. -0.01 min

Lab File: BE095054.D

Acq: 26 Dec 2017 14:03

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-121917

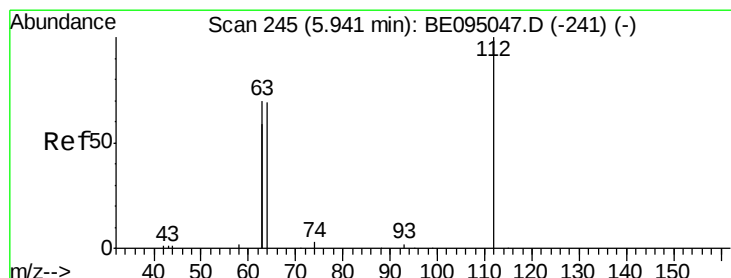
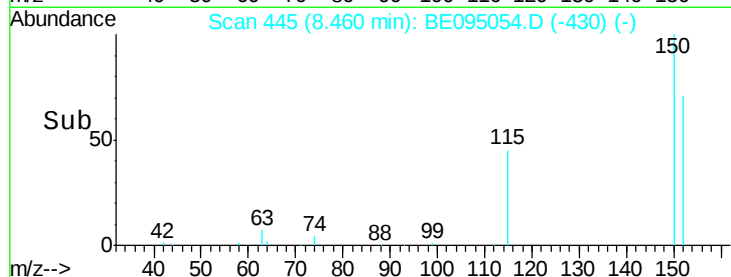
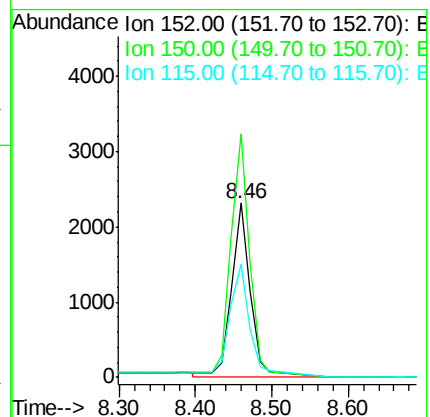
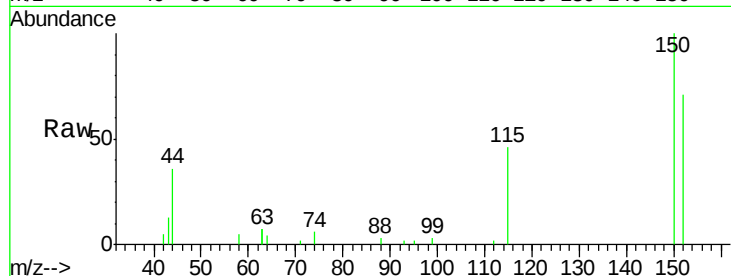
Tgt Ion:152 Resp: 6051

Ion Ratio Lower Upper

152 100

150 140.0 117.2 175.8

115 64.7 57.0 85.6



#4

2-Fluorophenol

Concen: 0.167 ng

RT: 5.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: BE095054.D

Acq: 26 Dec 2017 14:03

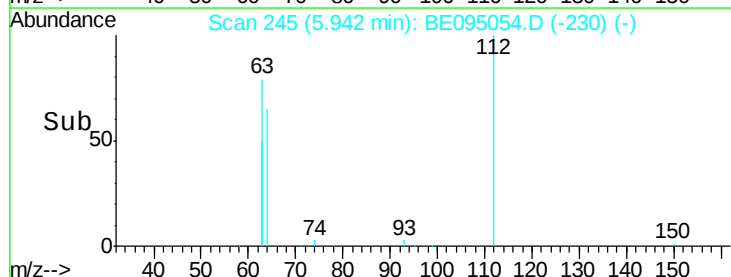
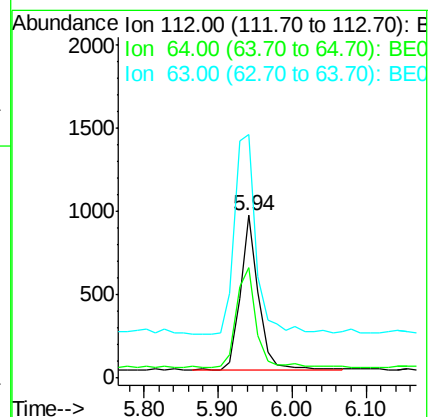
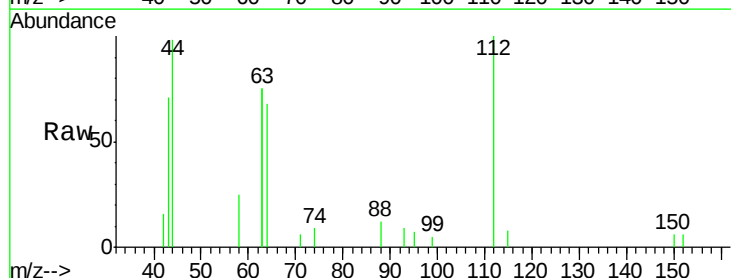
Tgt Ion:112 Resp: 1571

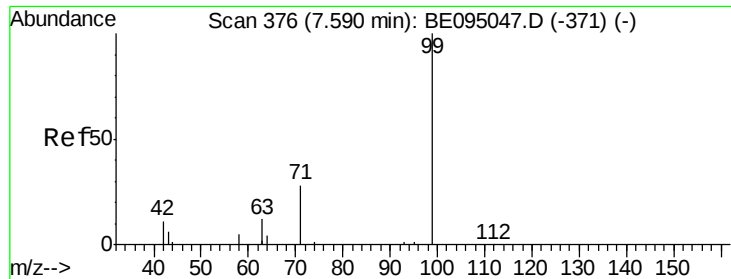
Ion Ratio Lower Upper

112 100

64 70.8 60.1 90.1

63 157.5 116.8 175.2





#5

Phenol-d6

Concen: 0.104 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE095054.D

Acq: 26 Dec 2017 14:03

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-121917

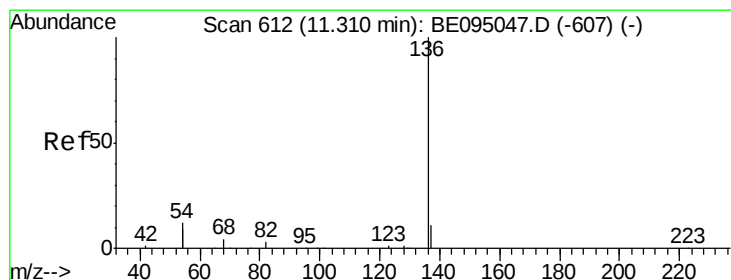
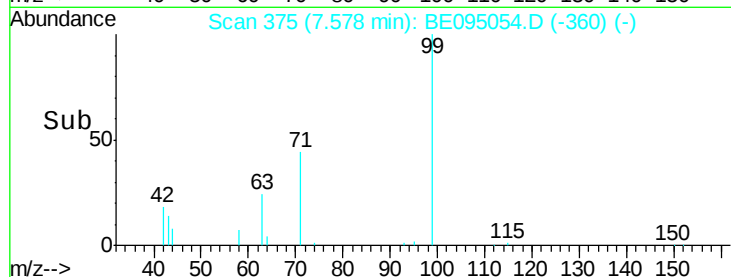
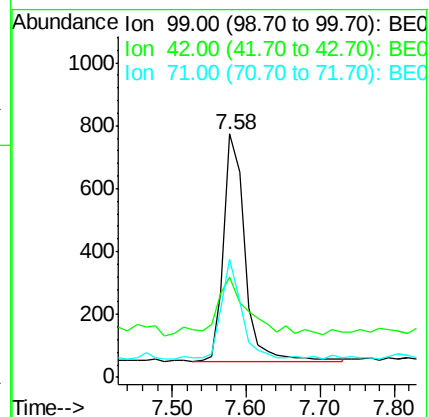
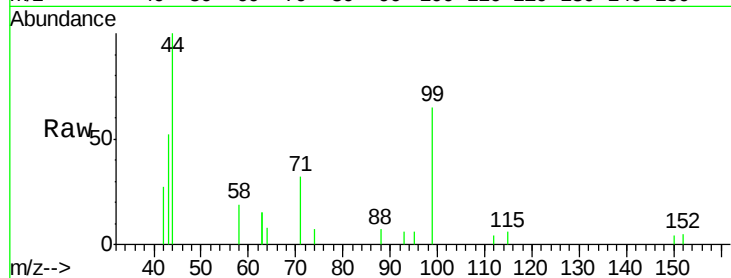
Tgt Ion: 99 Resp: 1450

Ion Ratio Lower Upper

99 100

42 41.7 20.2 30.2#

71 40.8 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: BE095054.D

Acq: 26 Dec 2017 14:03

Tgt Ion: 136 Resp: 14432

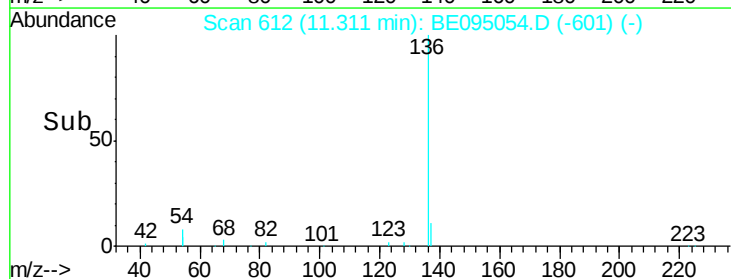
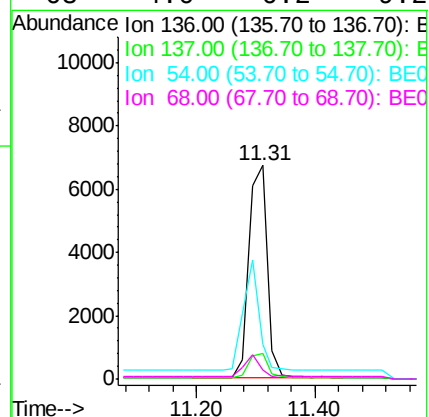
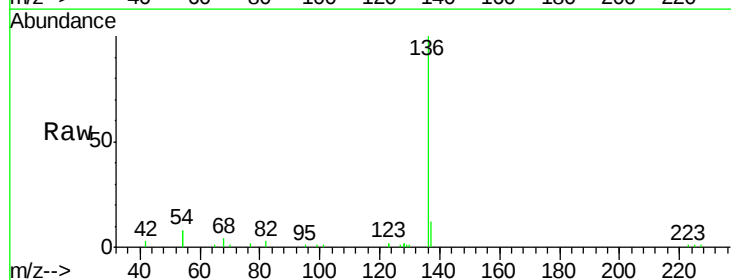
Ion Ratio Lower Upper

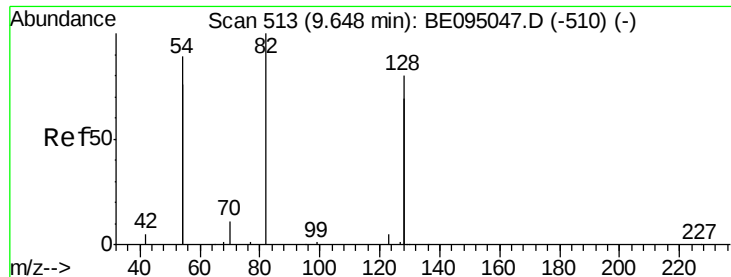
136 100

137 11.8 9.5 14.3

54 16.1 29.1 43.7#

68 4.0 6.2 9.2#





#8

Nitrobenzene-d5

Concen: 0.441 ng

RT: 9.63 min Scan# 512

Delta R.T. -0.02 min

Lab File: BE095054.D

Acq: 26 Dec 2017 14:03

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-121917

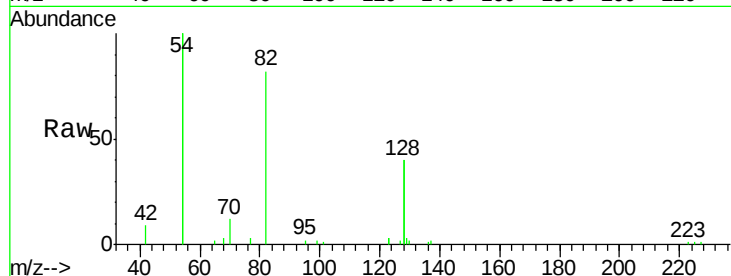
Tgt Ion: 82 Resp: 5222

Ion Ratio Lower Upper

82 100

128 96.6 150.0 225.0#

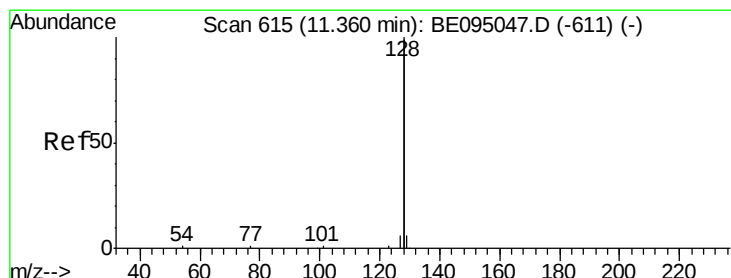
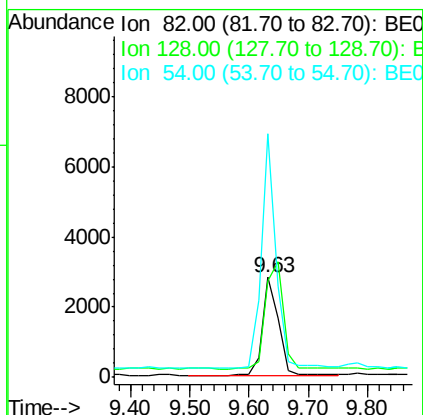
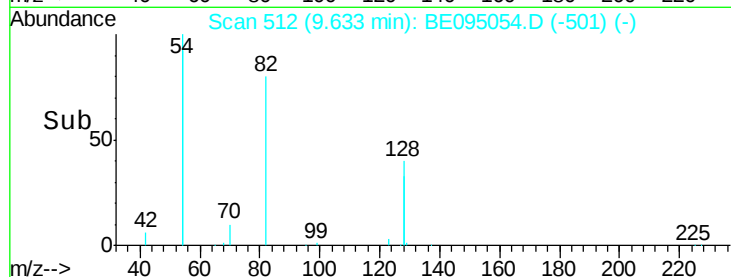
54 243.8 154.2 231.4#



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: 0.042 ng

RT: 11.34 min Scan# 614

Delta R.T. -0.03 min

Lab File: BE095054.D

Acq: 26 Dec 2017 14:03

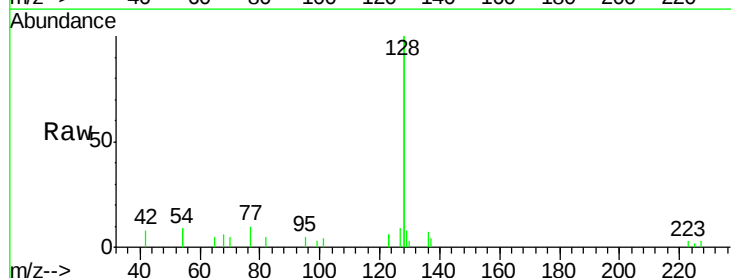
Tgt Ion: 128 Resp: 7100

Ion Ratio Lower Upper

128 100

129 4.2 2.6 3.8#

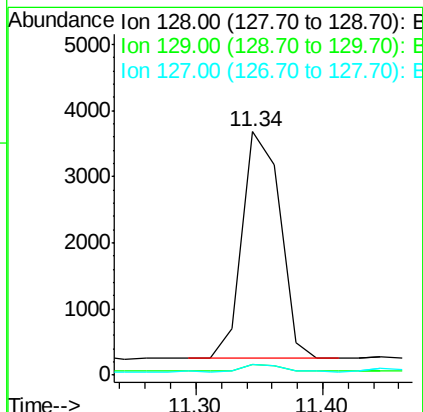
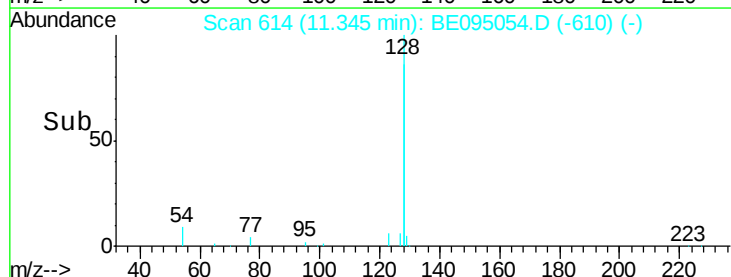
127 4.6 2.8 4.2#

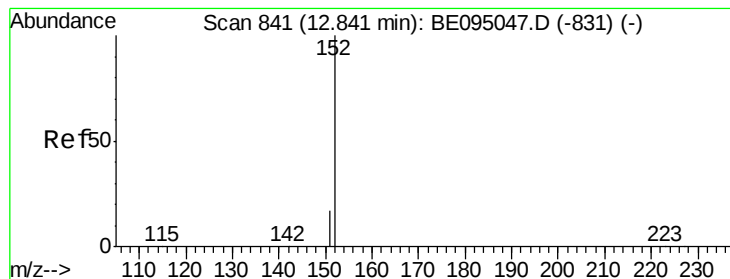


Abundance Ion 128.00 (127.70 to 128.70): BE0

Ion 129.00 (128.70 to 129.70): BE0

Ion 127.00 (126.70 to 127.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.365 ng

RT: 12.84 min Scan# 841

Delta R.T. -0.02 min

Lab File: BE095054.D

Acq: 26 Dec 2017 14:03

Instrument :

BNA_E

ClientSampleId :

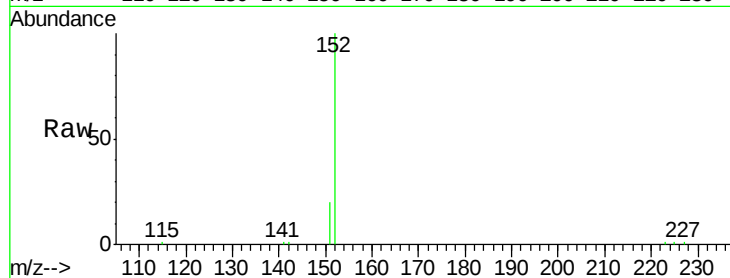
PR-MW-03-121917

Tgt Ion:152 Resp: 8624

Ion Ratio Lower Upper

152 100

151 19.9 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

5000

4000

3000

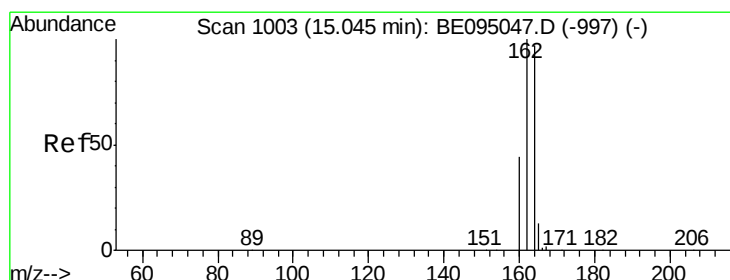
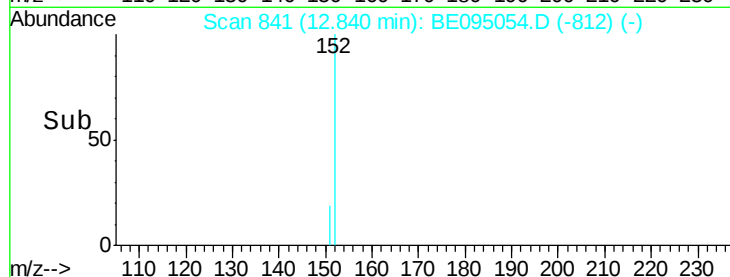
2000

1000

0

Time-->

12.80 12.90



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BE095054.D

Acq: 26 Dec 2017 14:03

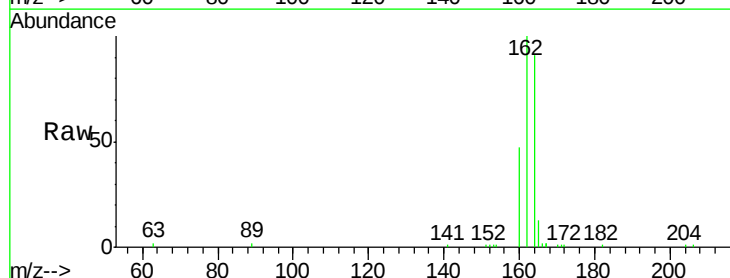
Tgt Ion:164 Resp: 8069

Ion Ratio Lower Upper

164 100

162 109.6 83.1 124.7

160 51.4 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

15.03

6000

5000

4000

3000

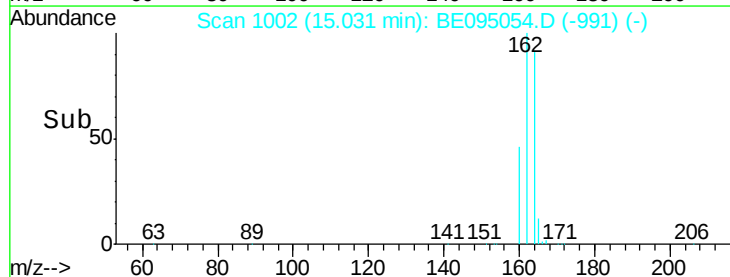
2000

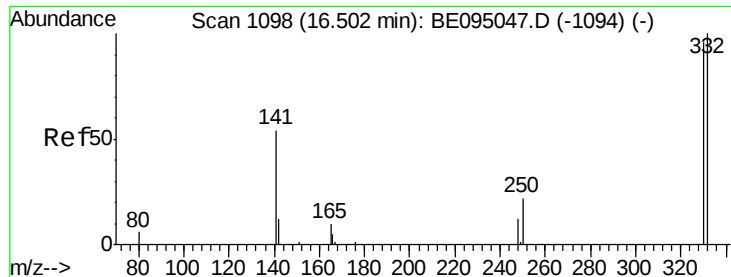
1000

0

Time-->

14.90 15.00 15.10

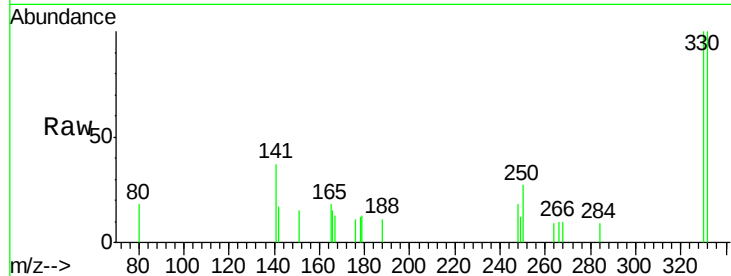




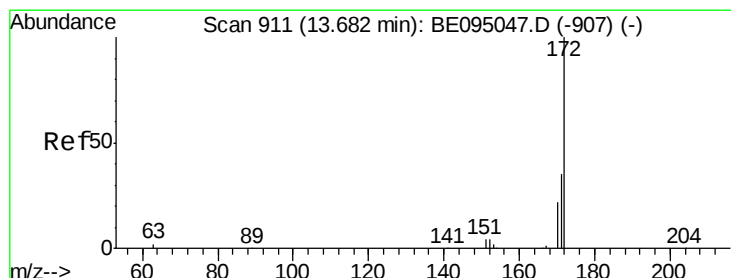
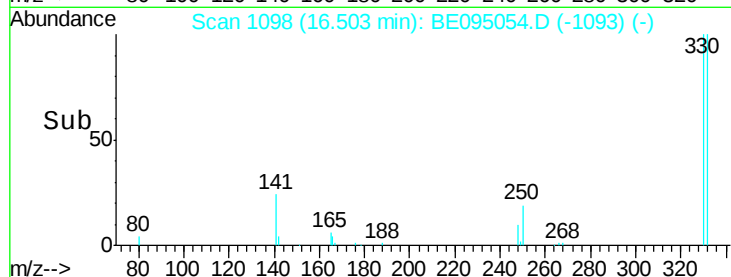
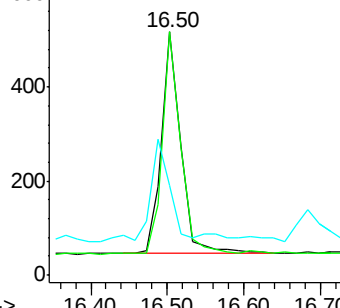
#14
 2,4,6-Tribromophenol
 Concen: 0.441 ng
 RT: 16.50 min Scan# 1098
 Delta R.T. -0.03 min
 Lab File: BE095054.D
 Acq: 26 Dec 2017 14:03

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-03-121917

Tgt Ion:330 Resp: 827
 Ion Ratio Lower Upper
 330 100
 332 92.3 152.7 229.1#
 141 40.4 33.7 50.5

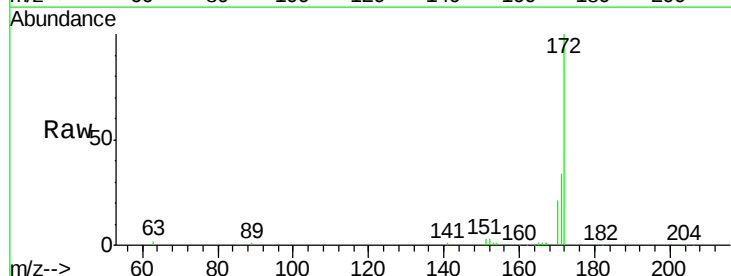


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

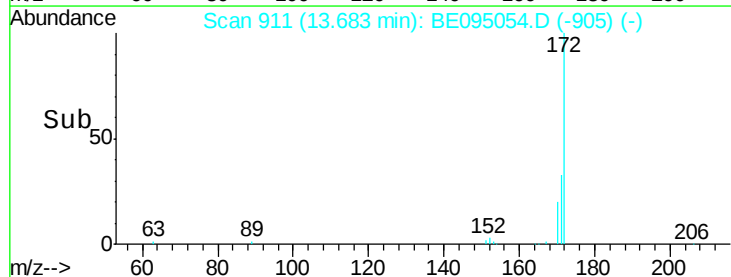
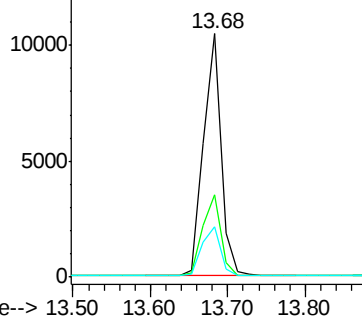


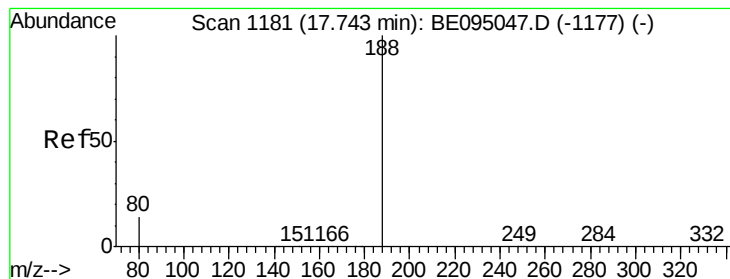
#15
 2-Fluorobiphenyl
 Concen: 0.463 ng
 RT: 13.68 min Scan# 911
 Delta R.T. -0.02 min
 Lab File: BE095054.D
 Acq: 26 Dec 2017 14:03

Tgt Ion:172 Resp: 16548
 Ion Ratio Lower Upper
 172 100
 171 33.8 29.9 44.9
 170 20.8 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: BE095054.D

Acq: 26 Dec 2017 14:03

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-121917

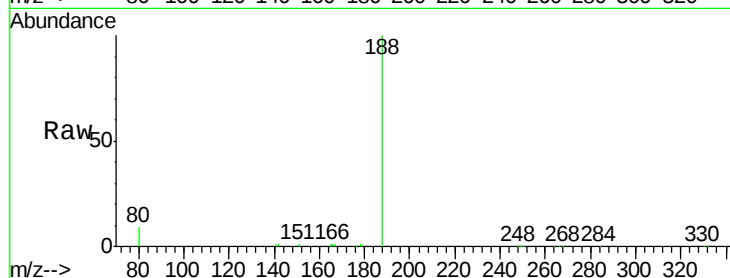
Tgt Ion:188 Resp: 19565

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

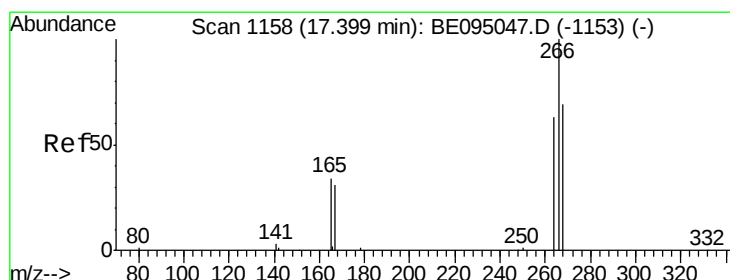
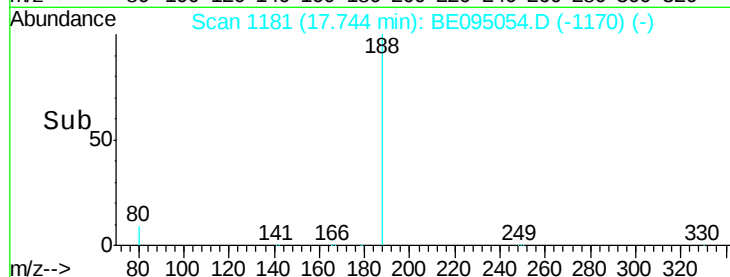
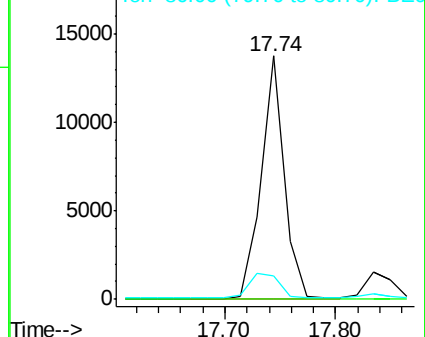
80 9.4 3.6 5.4#



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: 0.251 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.07 min

Lab File: BE095054.D

Acq: 26 Dec 2017 14:03

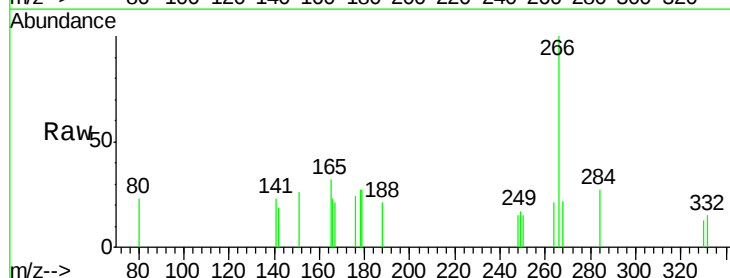
Tgt Ion:266 Resp: 499

Ion Ratio Lower Upper

266 100

264 21.4 72.5 108.7#

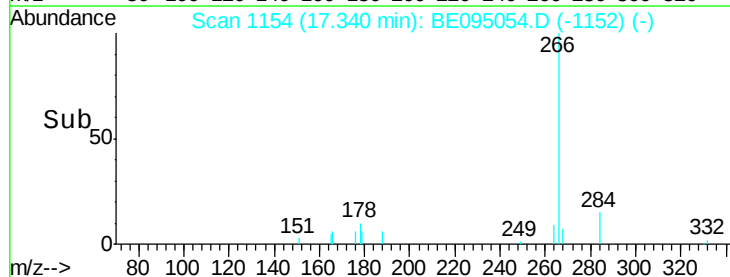
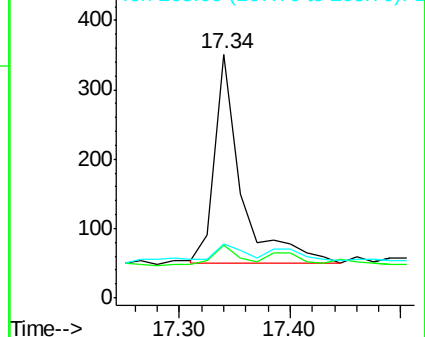
268 22.2 73.8 110.6#

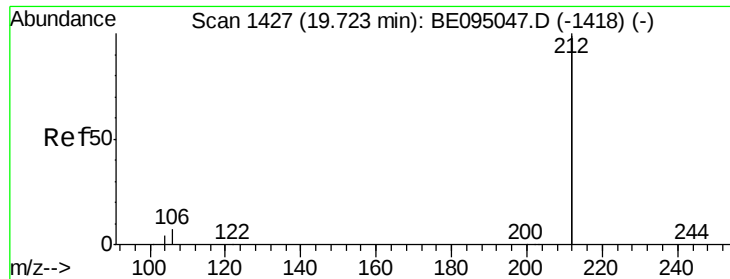


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

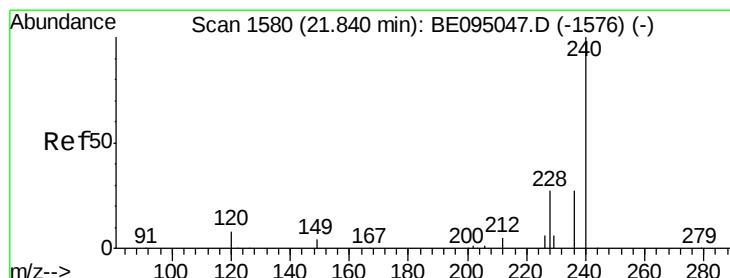
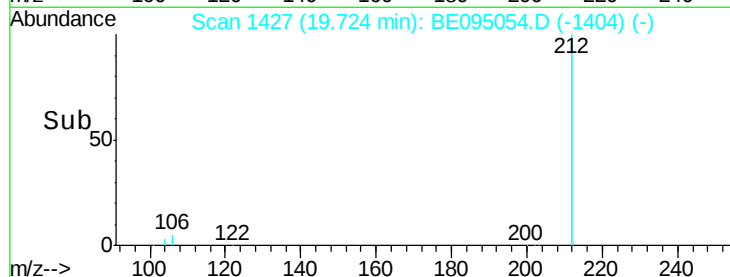
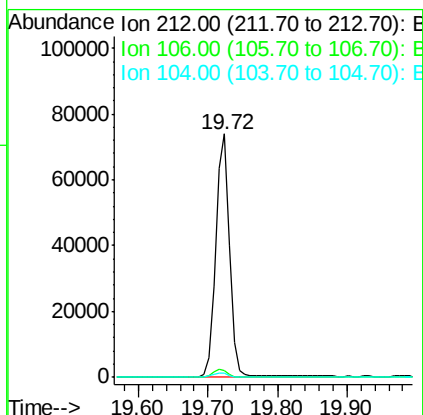
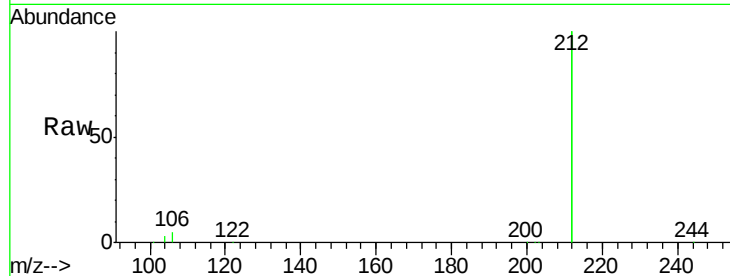




#25
 Fluoranthene-d10
 Concen: 0.395 ng
 RT: 19.72 min Scan# 1427
 Delta R.T. -0.03 min
 Lab File: BE095054.D
 Acq: 26 Dec 2017 14:03

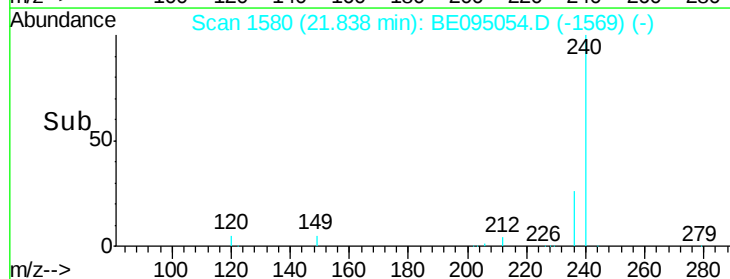
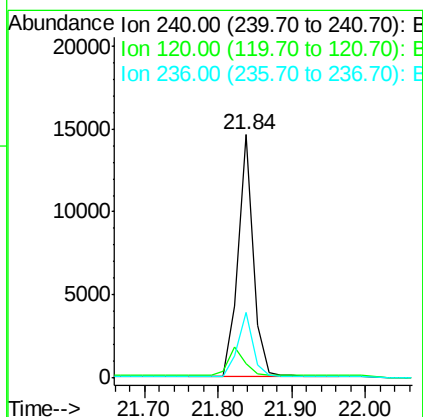
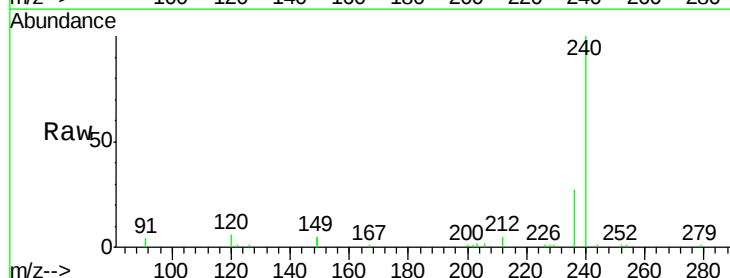
Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-03-121917

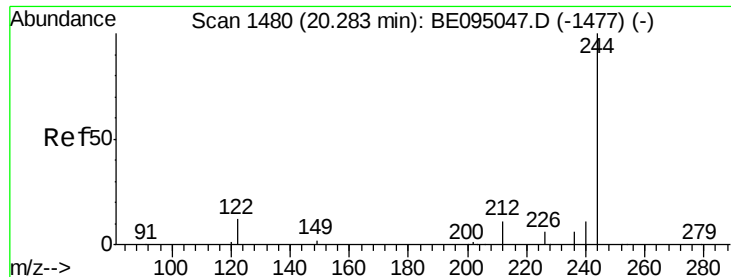
Tgt Ion:212 Resp: 100307
 Ion Ratio Lower Upper
 212 100
 106 3.3 2.8 4.2
 104 1.9 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.84 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BE095054.D
 Acq: 26 Dec 2017 14:03

Tgt Ion:240 Resp: 21157
 Ion Ratio Lower Upper
 240 100
 120 6.2 5.5 8.3
 236 26.8 20.7 31.1





#29

Terphenyl-d14

Concen: 0.565 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095054.D

Acq: 26 Dec 2017 14:03

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-121917

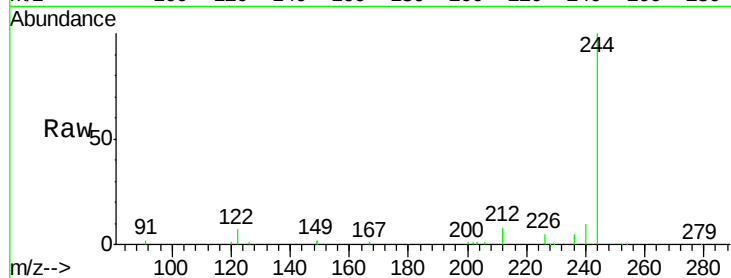
Tgt Ion:244 Resp: 22485

Ion Ratio Lower Upper

244 100

212 8.1 25.4 38.0#

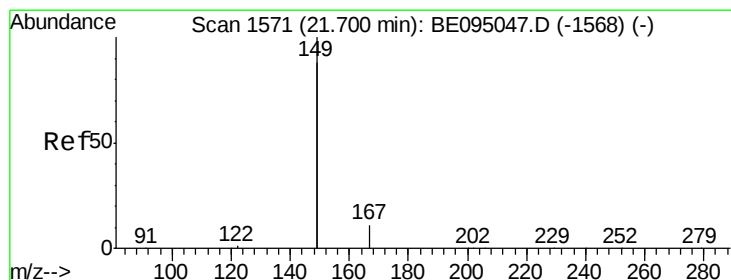
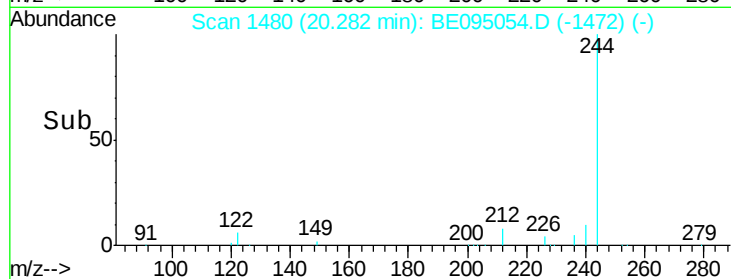
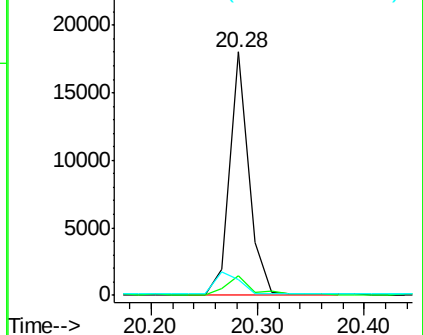
122 6.7 8.1 12.1#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.175 ng

RT: 21.70 min Scan# 1571

Delta R.T. -0.05 min

Lab File: BE095054.D

Acq: 26 Dec 2017 14:03

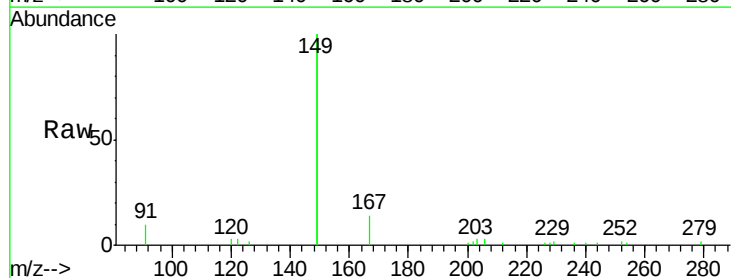
Tgt Ion:149 Resp: 13770

Ion Ratio Lower Upper

149 100

167 7.3 5.4 8.0

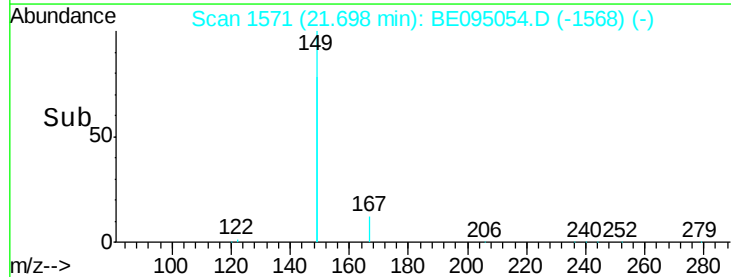
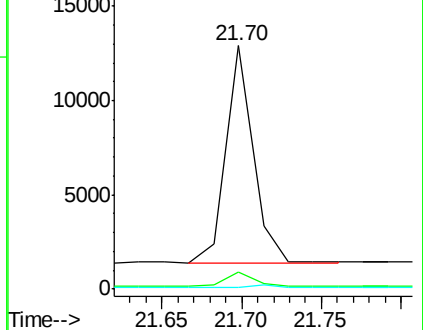
279 1.1 0.7 1.1#

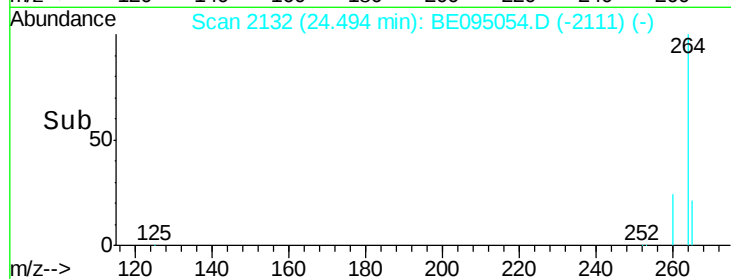
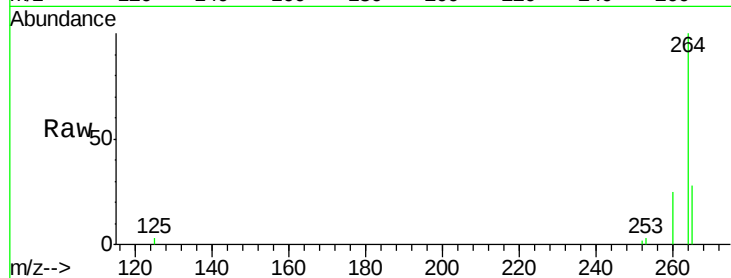
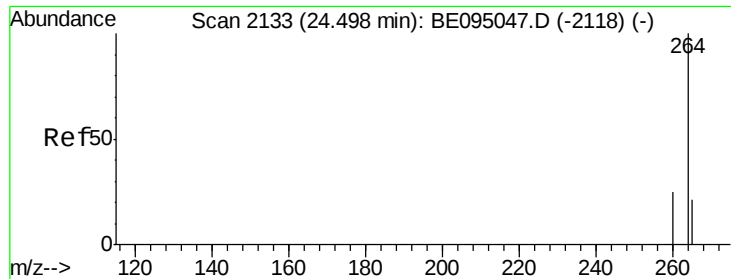


Abundance Ion 149.00 (148.70 to 149.70): E

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. -0.06 min

Lab File: BE095054.D

Acq: 26 Dec 2017 14:03

Instrument :

BNA_E

ClientSampleId :

PR-MW-03-121917

Tgt Ion: 264 Resp: 18630

Ion Ratio Lower Upper

264 100

260 24.6 20.5 30.7

265 27.5 22.8 34.2

