

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
 Data File : BE093114.D
 Acq On : 12 Jun 2017 22:48
 Operator : SJ/MA
 Sample : I3460-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-110

Quant Time: Jun 13 01:12:46 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 12 14:07:54 2017
 Response via : Initial Calibration

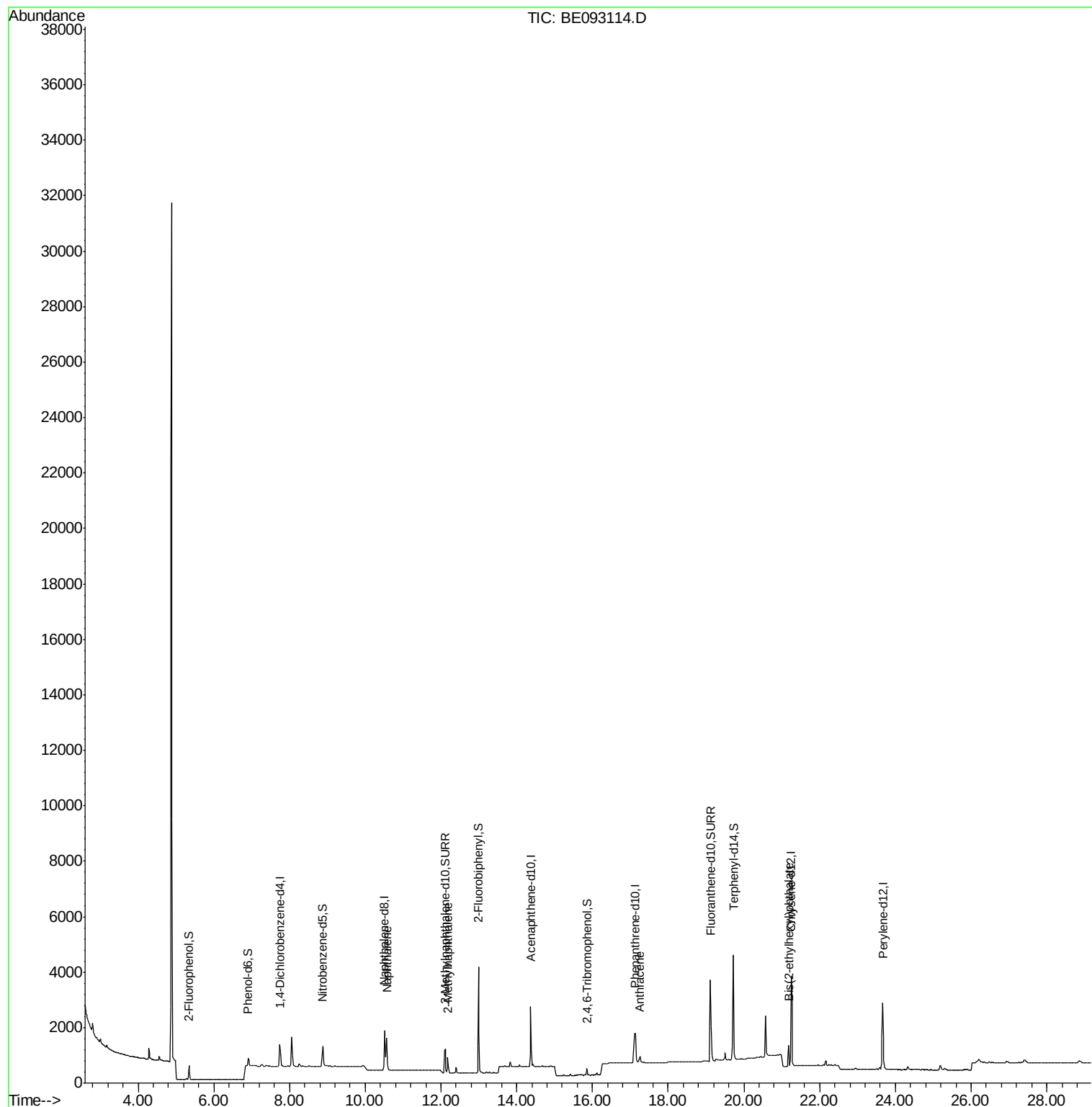
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	535	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	2484	0.40	ng	-0.02
13) Acenaphthene-d10	14.37	164	1275	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	2639	0.40	ng	0.00
27) Chrysene-d12	21.25	240	4340	0.40	ng	-0.02
34) Perylene-d12	23.67	264	3722	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	349	0.22	ng	0.00
5) Phenol-d6	6.90	99	303	0.13	ng	0.00
8) Nitrobenzene-d5	8.88	82	851	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1542	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	159	0.55	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	3458	0.64	ng	0.00
25) Fluoranthene-d10	19.11	212	4317	0.50	ng	0.00
29) Terphenyl-d14	19.72	244	4379	0.52	ng	0.00
Target Compounds						
9) Naphthalene	10.56	128	1636	0.245	ng	Qvalue 96
12) 2-Methylnaphthalene	12.18	142	410	0.099	ng	# 93
24) Anthracene	17.25	178	319	0.032	ng	# 95
32) Bis(2-ethylhexyl)phthalate	21.18	149	802	0.150	ng	# 98

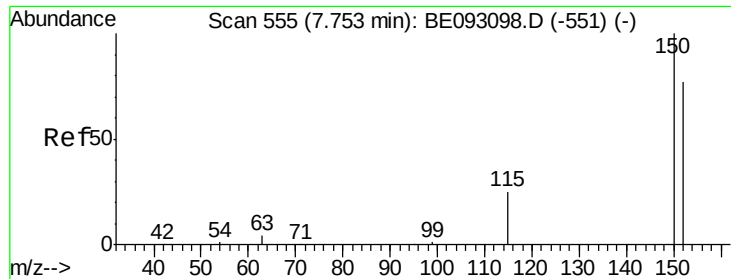
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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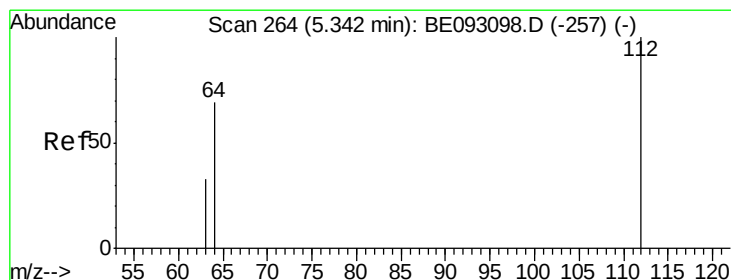
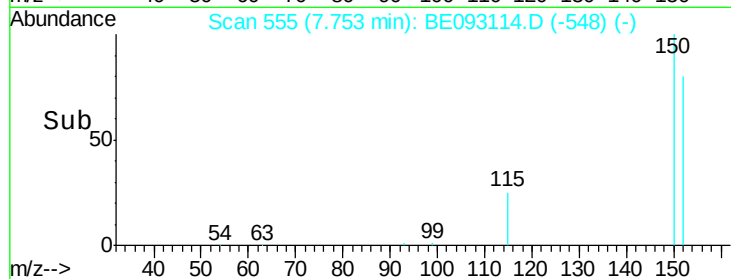
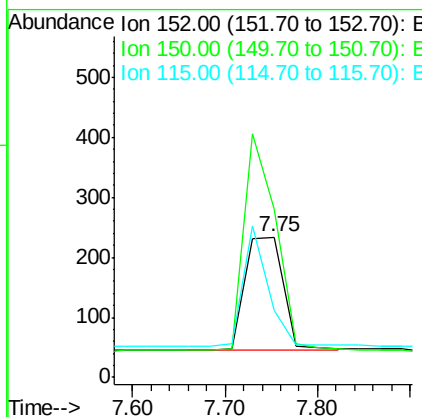
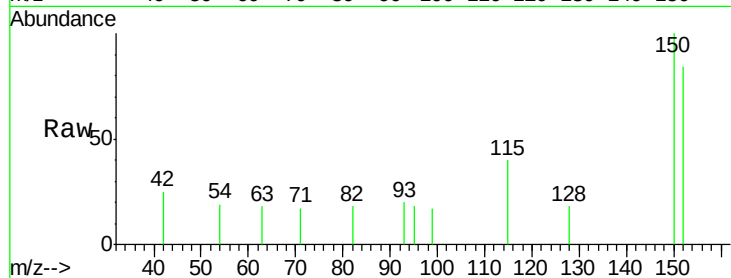


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE093114.D
Acq: 12 Jun 2017 22:48

Instrument :
BNA_E
ClientSampleId :
MW-110

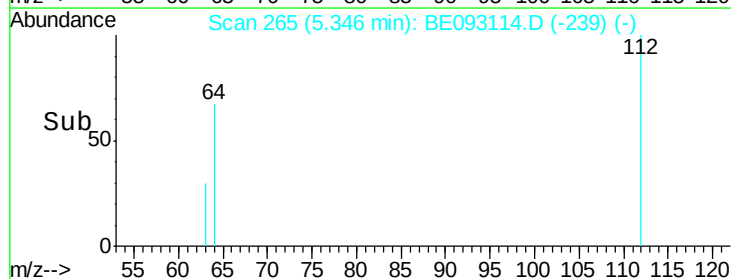
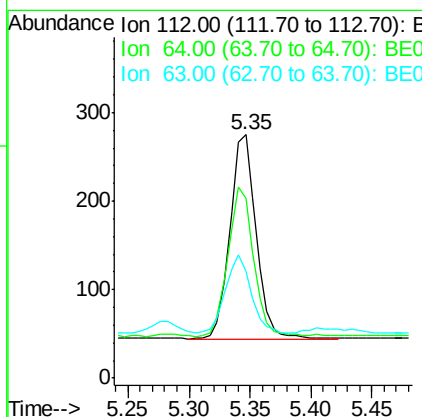
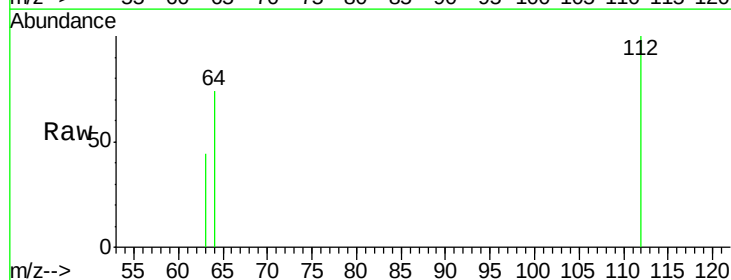
Tgt Ion:152 Resp: 535
Ion Ratio Lower Upper
152 100
150 119.7 125.1 187.7#
115 47.4 55.7 83.5#

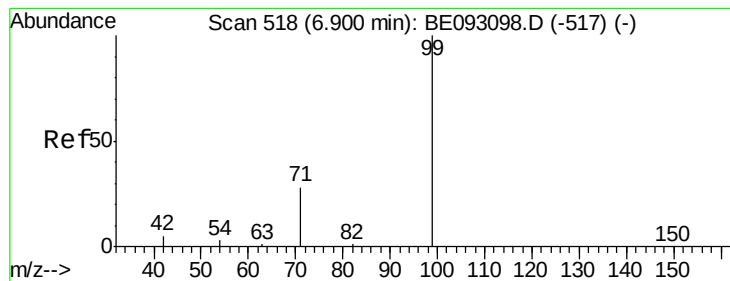


#4

2-Fluorophenol
Concen: 0.221 ng
RT: 5.35 min Scan# 265
Delta R.T. 0.00 min
Lab File: BE093114.D
Acq: 12 Jun 2017 22:48

Tgt Ion:112 Resp: 349
Ion Ratio Lower Upper
112 100
64 71.3 56.4 84.6
63 36.1 29.3 43.9





#5

Phenol-d6

Concen: 0.131 ng

RT: 6.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

Instrument :

BNA_E

ClientSampleId :

MW-110

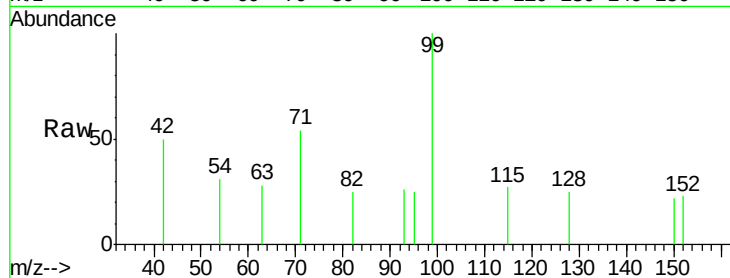
Tgt Ion: 99 Resp: 303

Ion Ratio Lower Upper

99 100

42 24.1 0.0 0.0#

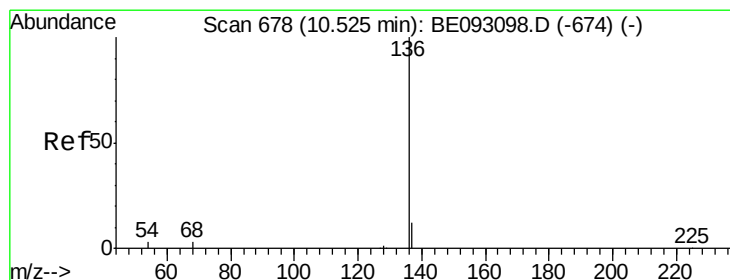
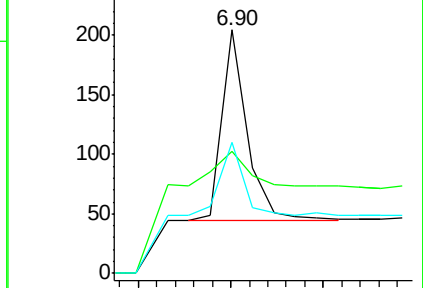
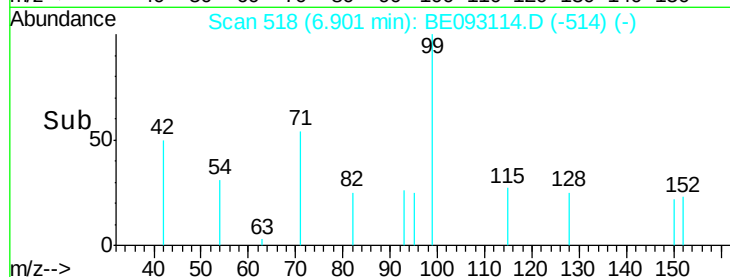
71 35.6 0.0 0.0#



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: 10.51 min Scan# 677

Delta R.T. -0.02 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

Tgt Ion: 136 Resp: 2484

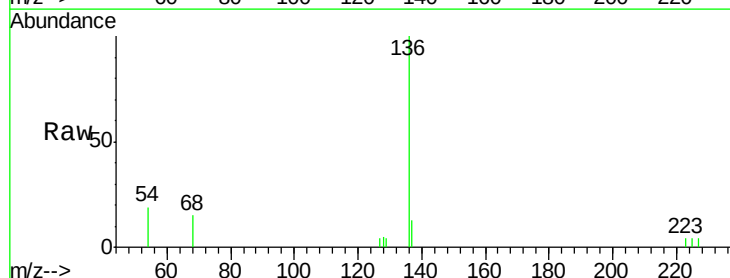
Ion Ratio Lower Upper

136 100

137 13.1 9.8 14.8

54 18.9 10.3 15.5#

68 15.4 9.0 13.4#

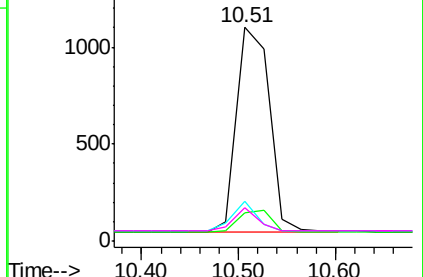
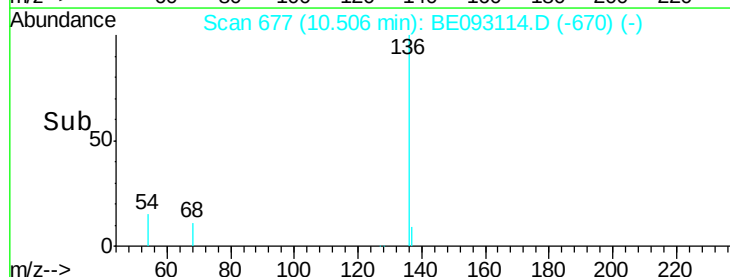


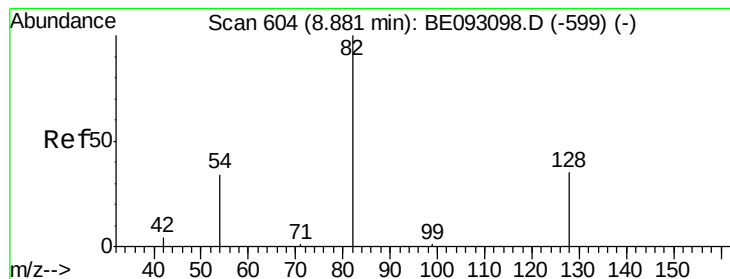
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.429 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

Instrument :

BNA_E

ClientSampleId :

MW-110

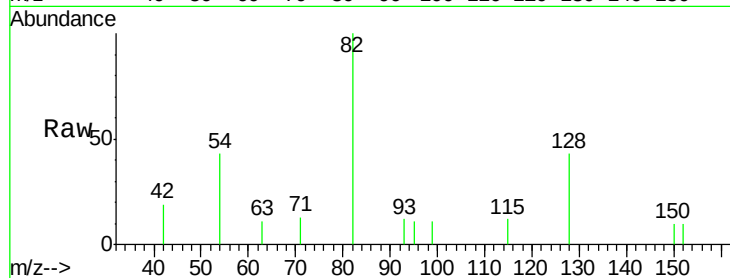
Tgt Ion: 82 Resp: 851

Ion Ratio Lower Upper

82 100

128 42.6 17.0 25.4#

54 43.5 53.8 80.6#

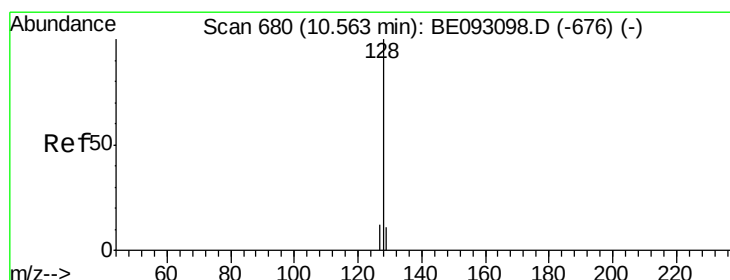
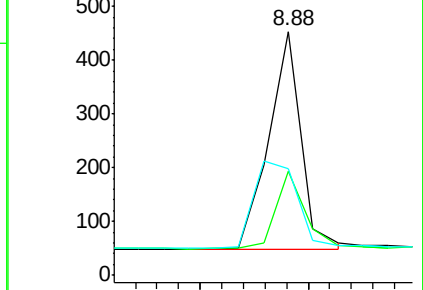
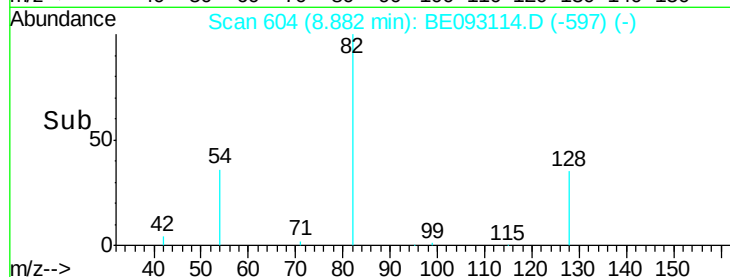


Abundance Ion 82.00 (81.70 to 82.70): BE093114.D (-597) (-)

Ion 128.00 (127.70 to 128.70): BE093114.D (-597) (-)

Ion 54.00 (53.70 to 54.70): BE093114.D (-597) (-)

Time-->



#9

Naphthalene

Concen: 0.245 ng

RT: 10.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

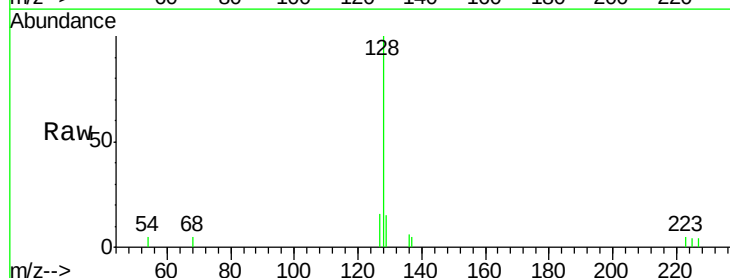
Tgt Ion: 128 Resp: 1636

Ion Ratio Lower Upper

128 100

129 15.4 11.4 17.0

127 16.3 11.2 16.8

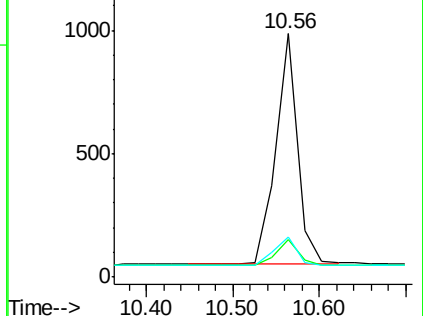
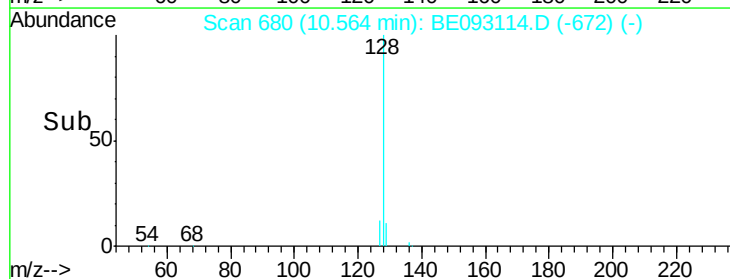


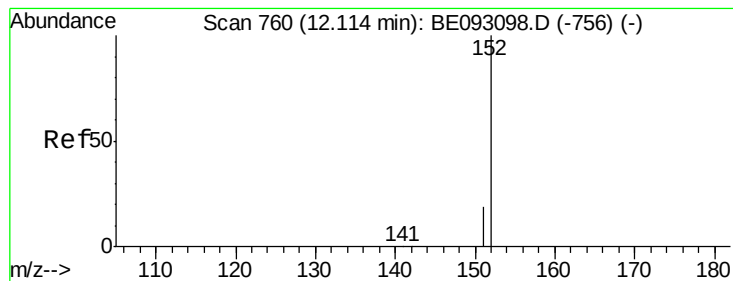
Abundance Ion 128.00 (127.70 to 128.70): BE093114.D (-672) (-)

Ion 129.00 (128.70 to 129.70): BE093114.D (-672) (-)

Ion 127.00 (126.70 to 127.70): BE093114.D (-672) (-)

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.413 ng

RT: 12.11 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

Instrument :

BNA_E

ClientSampleId :

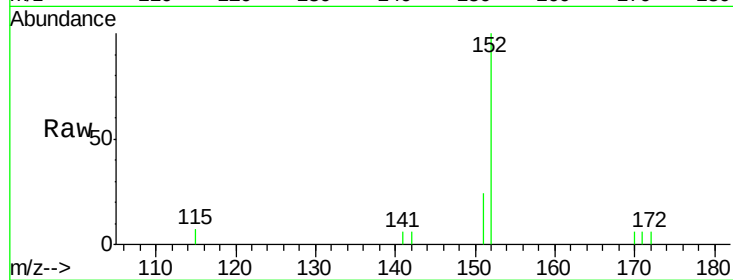
MW-110

Tgt Ion:152 Resp: 1542

Ion Ratio Lower Upper

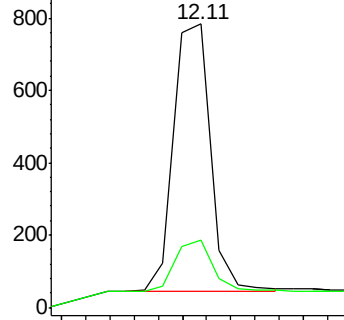
152 100

151 19.3 15.1 22.7

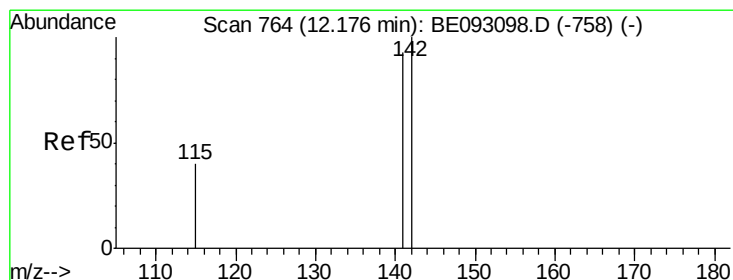
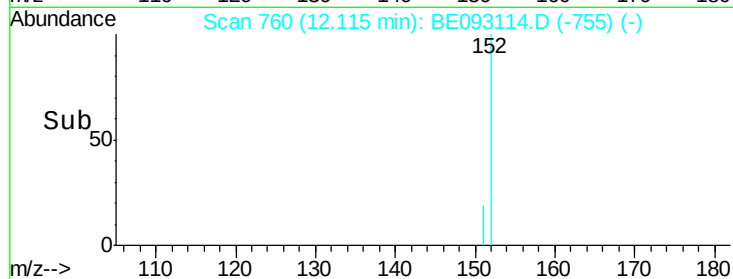


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time--> 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.099 ng

RT: 12.18 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

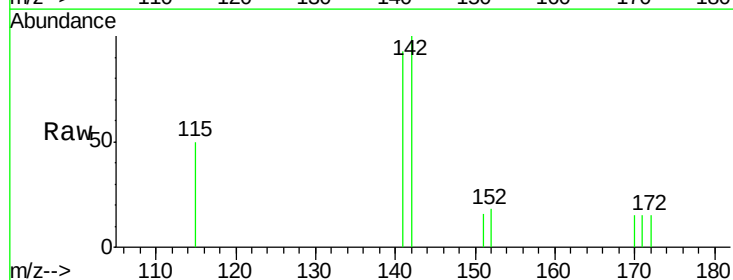
Tgt Ion:142 Resp: 410

Ion Ratio Lower Upper

142 100

141 93.1 72.6 108.8

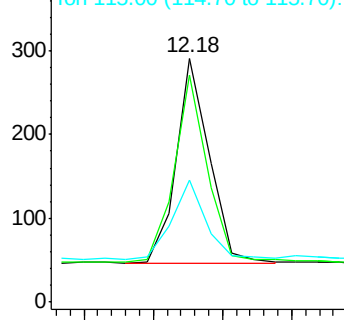
115 50.2 32.2 48.2#



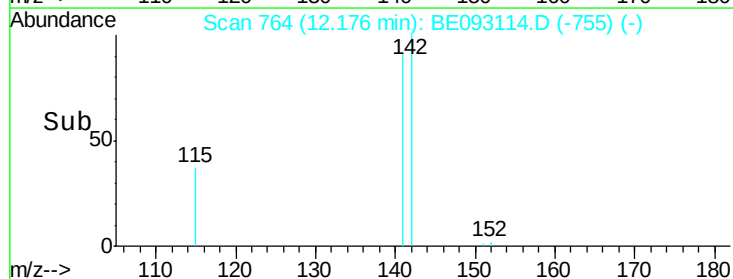
Abundance Ion 142.00 (141.70 to 142.70): E

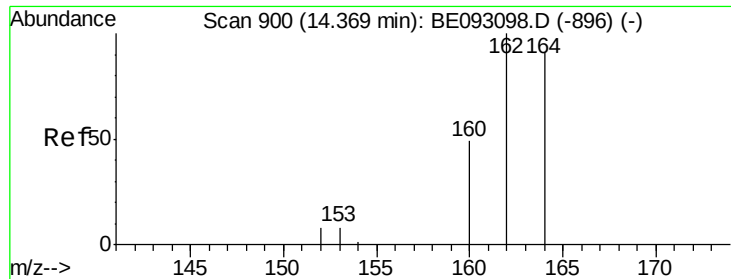
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time--> 12.10 12.15 12.20 12.25





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

Instrument :

BNA_E

ClientSampleId :

MW-110

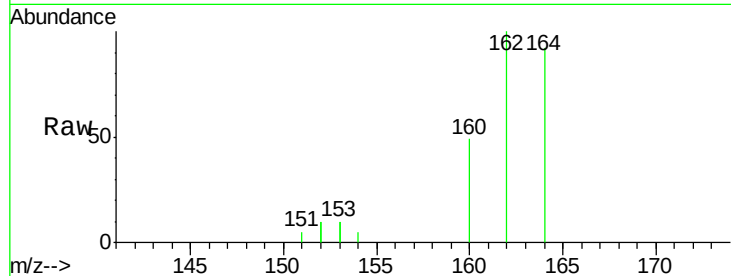
Tgt Ion:164 Resp: 1275

Ion Ratio Lower Upper

164 100

162 108.2 84.6 127.0

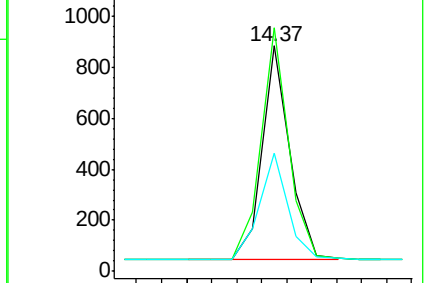
160 52.7 41.8 62.6



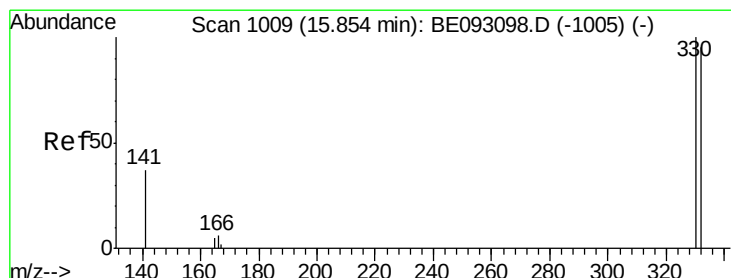
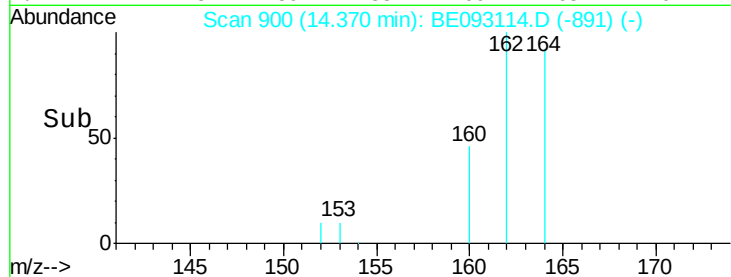
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.547 ng

RT: 15.85 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

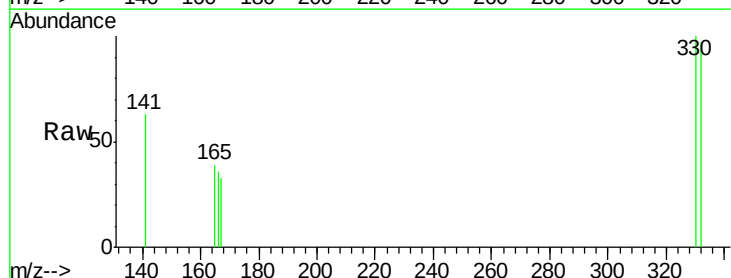
Tgt Ion:330 Resp: 159

Ion Ratio Lower Upper

330 100

332 92.5 77.7 116.5

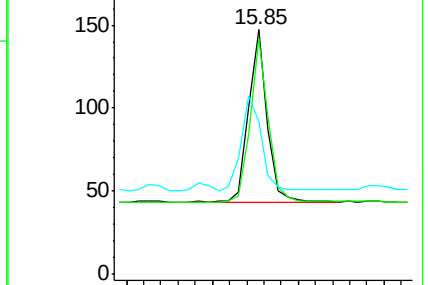
141 57.9 56.2 84.4



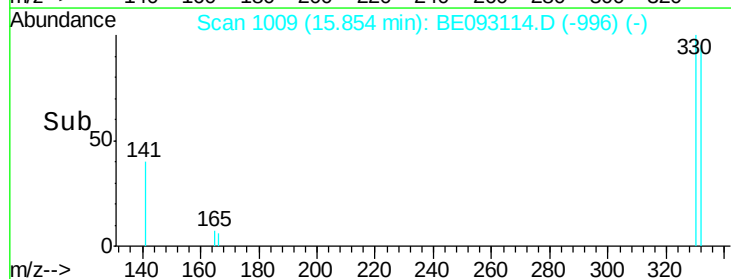
Abundance Ion 330.00 (329.70 to 330.70): E

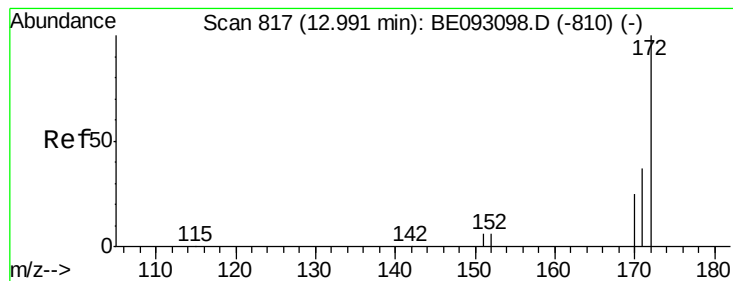
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#15

2-Fluorobiphenyl

Concen: 0.635 ng

RT: 12.99 min Scan# 817

Delta R.T. 0.00 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

Instrument :

BNA_E

ClientSampleId :

MW-110

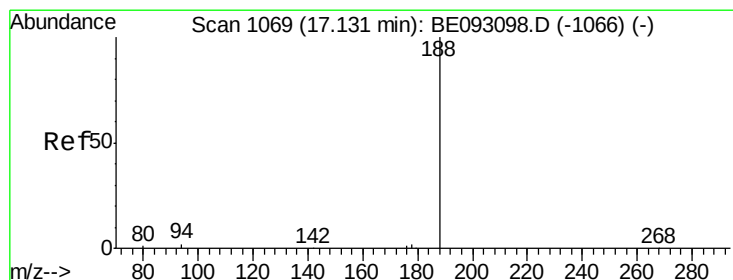
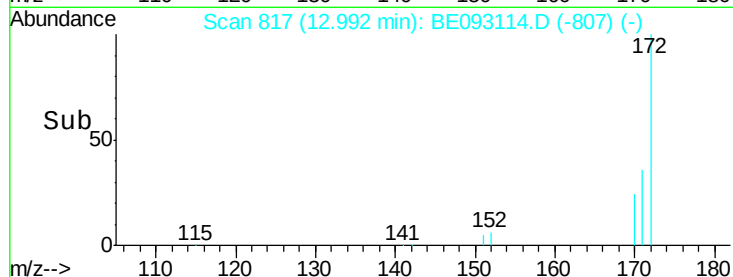
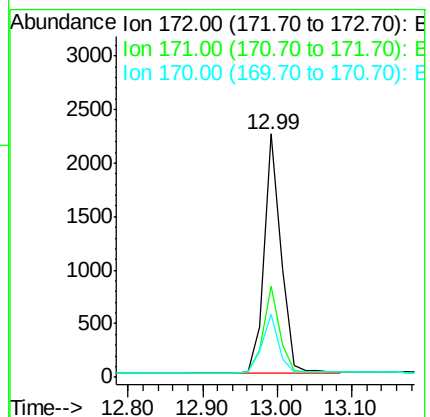
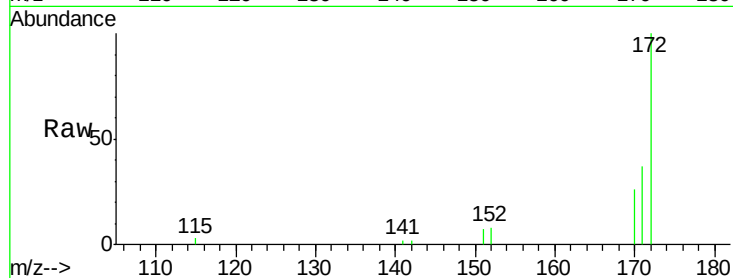
Tgt Ion:172 Resp: 3458

Ion Ratio Lower Upper

172 100

171 37.3 29.8 44.6

170 25.9 20.7 31.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.13 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

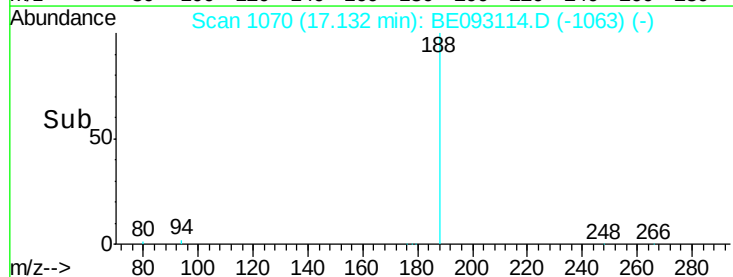
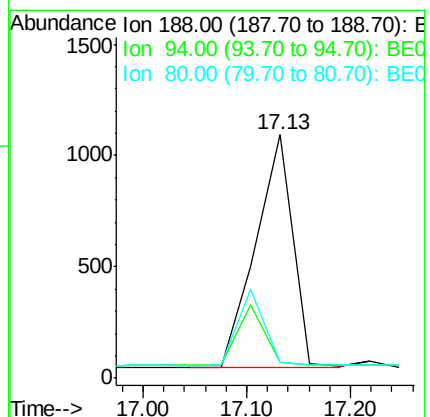
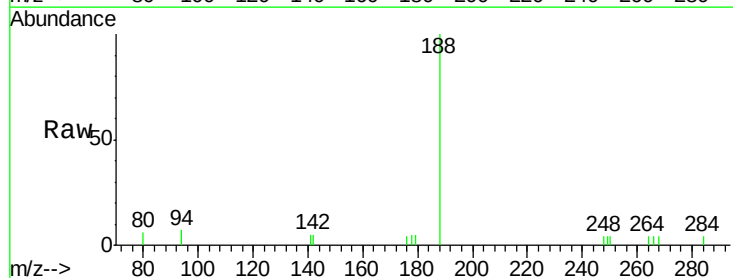
Tgt Ion:188 Resp: 2639

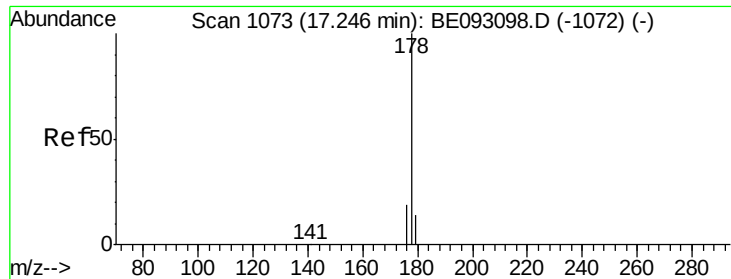
Ion Ratio Lower Upper

188 100

94 6.6 11.3 16.9#

80 6.3 11.7 17.5#





#24

Anthracene

Concen: 0.032 ng

RT: 17.25 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

Instrument :

BNA_E

ClientSampled :

MW-110

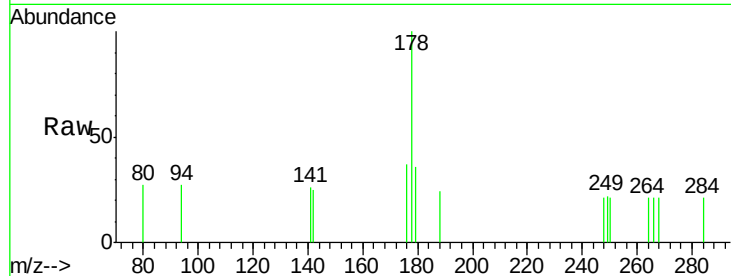
Tgt Ion:178 Resp: 319

Ion Ratio Lower Upper

178 100

176 18.5 14.6 22.0

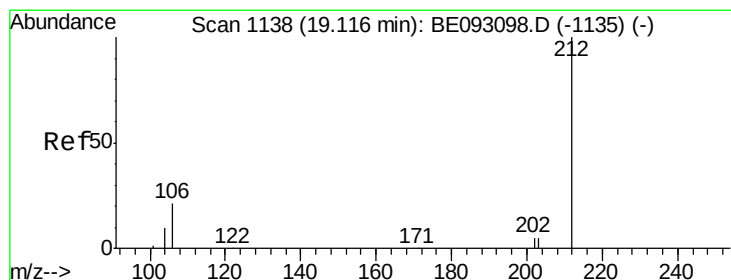
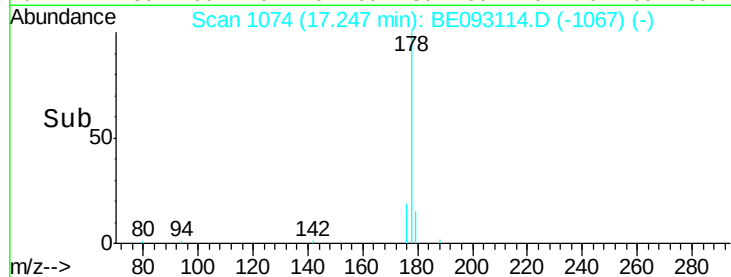
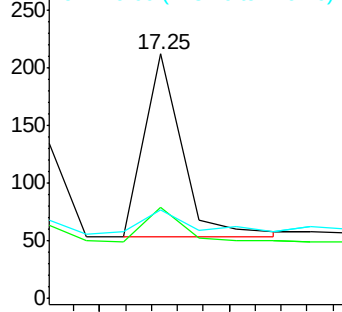
179 19.4 12.0 18.0#



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: 0.496 ng

RT: 19.11 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

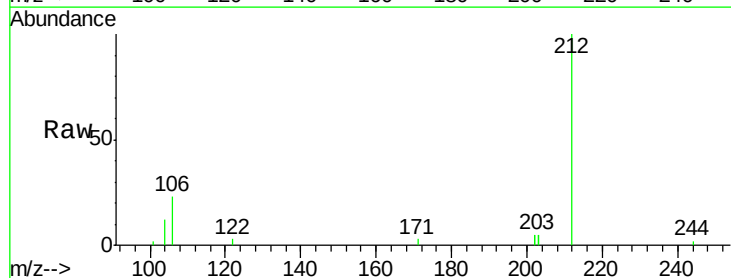
Tgt Ion:212 Resp: 4317

Ion Ratio Lower Upper

212 100

106 17.2 0.0 0.0#

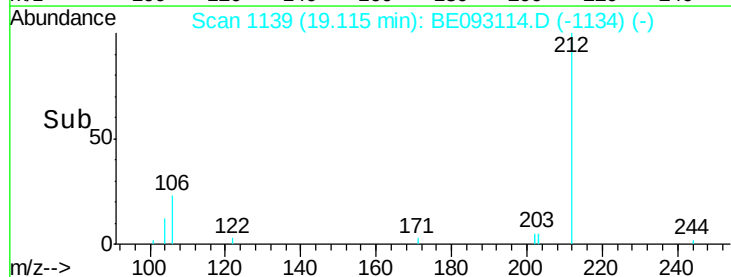
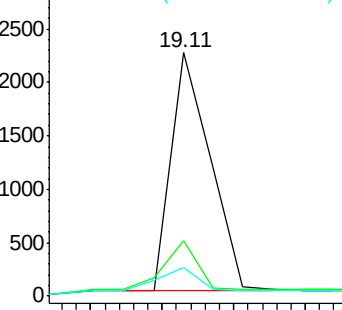
104 9.3 0.0 0.0#

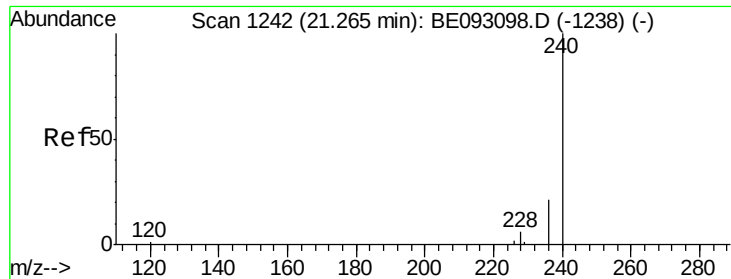


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

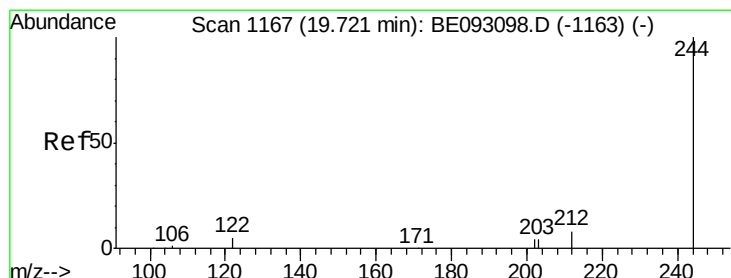
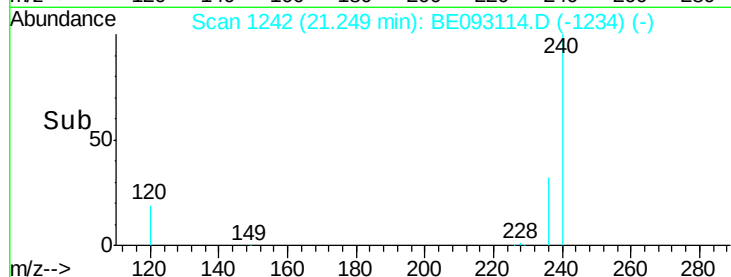
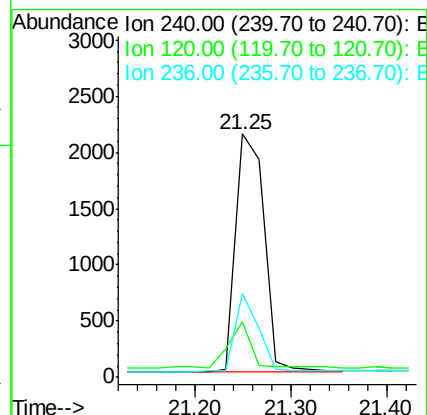
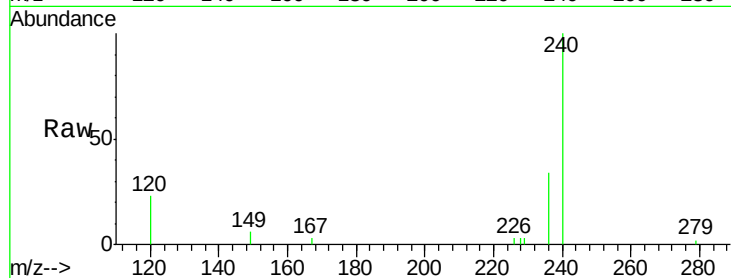




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BE093114.D
 Acq: 12 Jun 2017 22:48

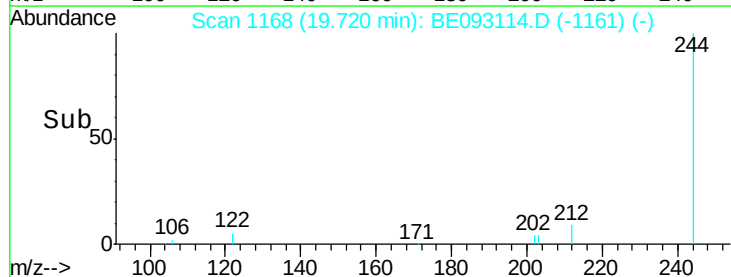
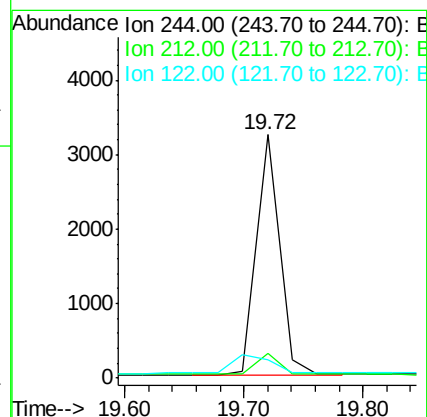
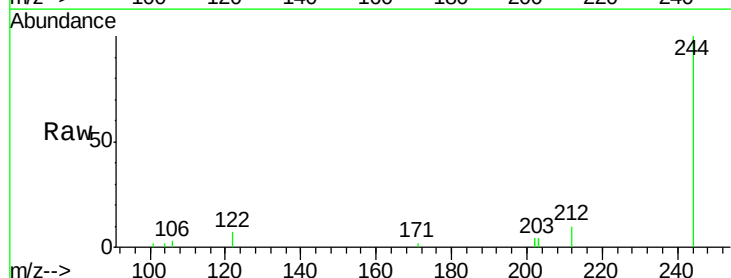
Instrument :
 BNA_E
 ClientSampleId :
 MW-110

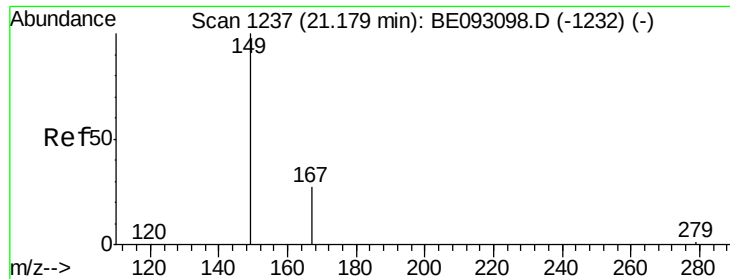
Tgt Ion:240 Resp: 4340
 Ion Ratio Lower Upper
 240 100
 120 22.6 4.6 7.0#
 236 34.1 20.8 31.2#



#29
 Terphenyl-d14
 Concen: 0.523 ng
 RT: 19.72 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BE093114.D
 Acq: 12 Jun 2017 22:48

Tgt Ion:244 Resp: 4379
 Ion Ratio Lower Upper
 244 100
 212 10.0 10.6 16.0#
 122 7.4 15.4 23.0#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.150 ng

RT: 21.18 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

Instrument :

BNA_E

ClientSampleId :

MW-110

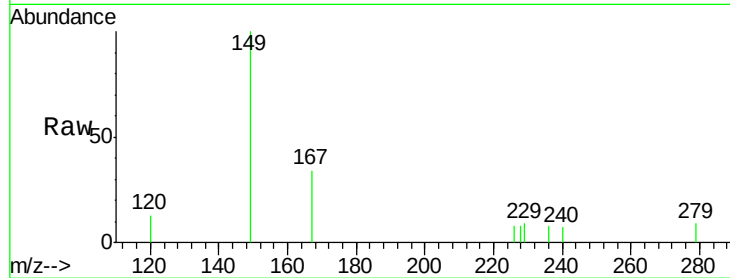
Tgt Ion:149 Resp: 802

Ion Ratio Lower Upper

149 100

167 25.8 20.1 30.1

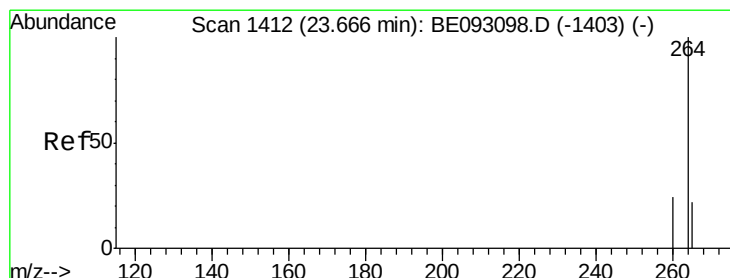
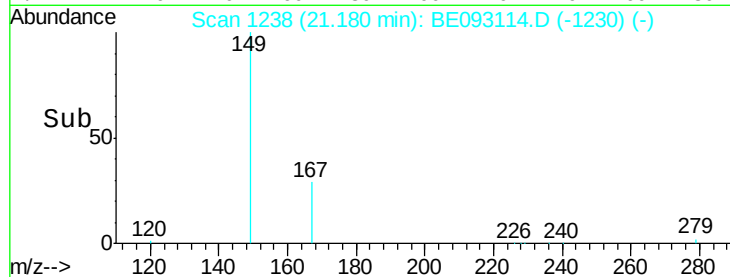
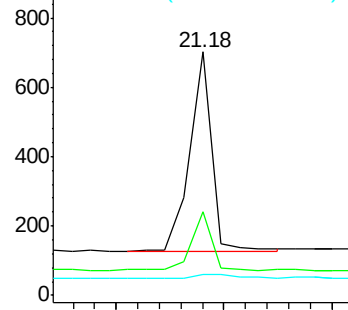
279 0.0 2.2 3.4#



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: 23.67 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

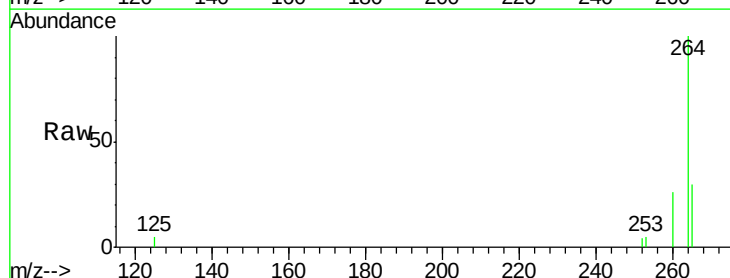
Tgt Ion:264 Resp: 3722

Ion Ratio Lower Upper

264 100

260 25.9 21.0 31.4

265 30.5 24.6 36.8



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

