

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061217\
 Data File : BE093125.D
 Acq On : 13 Jun 2017 5:34
 Operator : SJ/MA
 Sample : I3460-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 13 07:52:23 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	600	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	3054	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	2954	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3862	0.40	ng	0.00
27) Chrysene-d12	21.27	240	5174	0.40	ng	0.00
34) Perylene-d12	23.67	264	4433	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	422	0.24	ng	0.00
5) Phenol-d6	6.90	99	348	0.13	ng	0.00
8) Nitrobenzene-d5	8.88	82	1142	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1972	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	353	0.52	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	4533	0.36	ng	0.00
25) Fluoranthene-d10	19.14	212	5311	0.42	ng	0.02
29) Terphenyl-d14	19.72	244	4978	0.50	ng	0.00

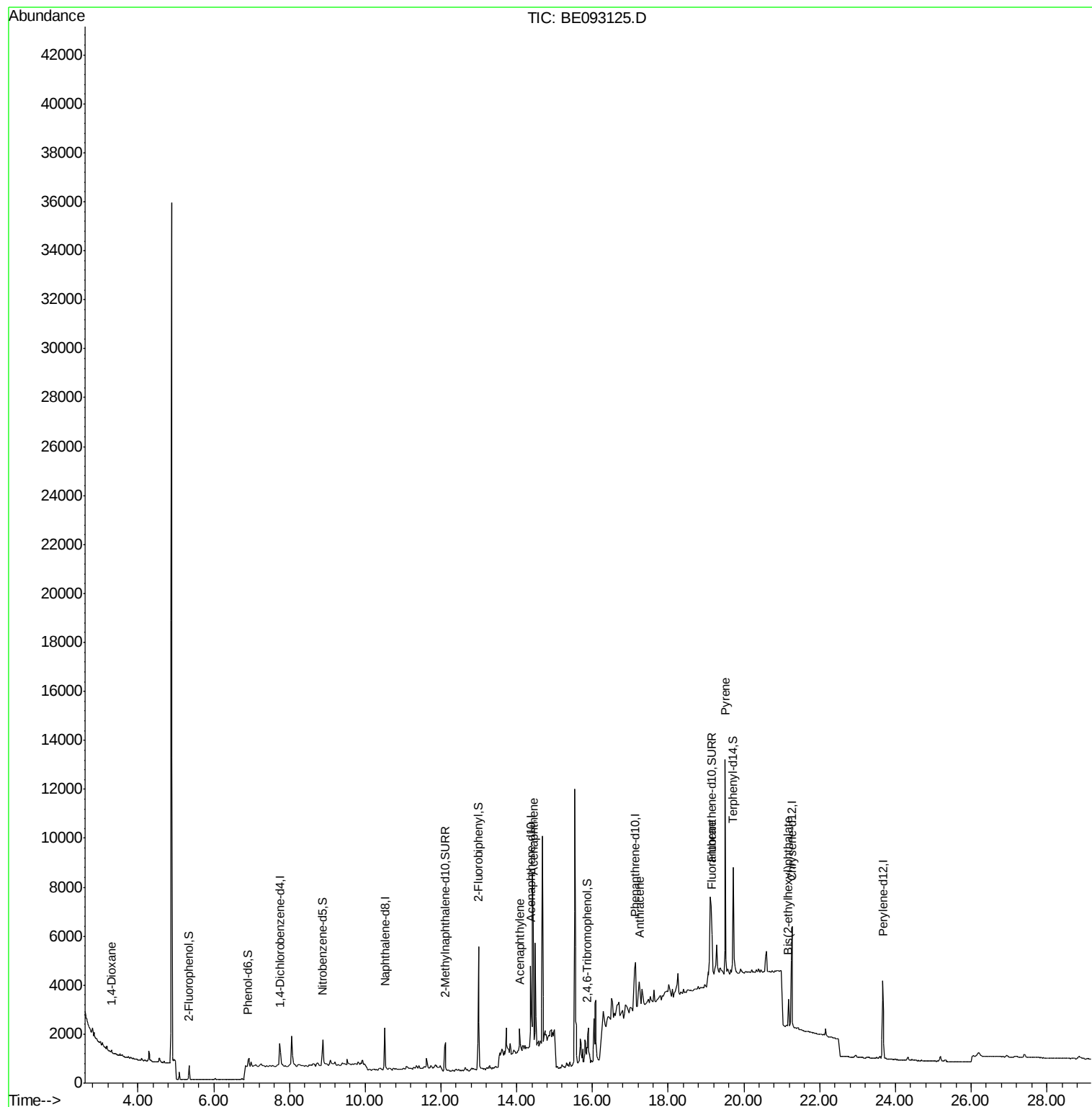
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	45	0.03	ng	# 1
16) Acenaphthylene	14.08	152	1322	0.03	ng	# 47
17) Acenaphthene	14.44	154	1678	0.18	ng	# 94
24) Anthracene	17.25	178	1322	0.09	ng	# 59
26) Fluoranthene	19.16	202	2205	0.03	ng	# 59
28) Pyrene	19.51	202	10688	0.17	ng	# 95
32) Bis(2-ethylhexyl)phthalate	21.18	149	1099	0.18	ng	# 92

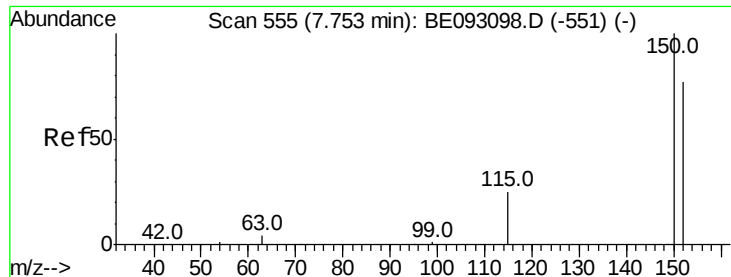
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. 0.00 min

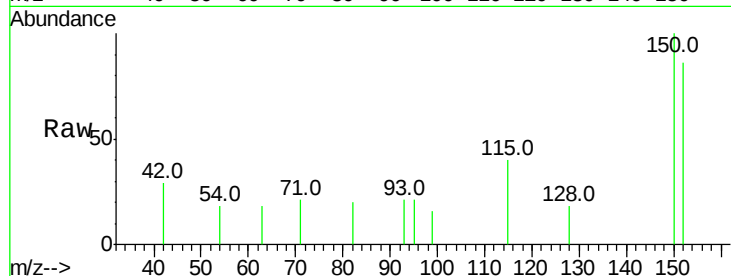
Lab File: BE093125.D

Acq: 13 Jun 2017 5:34

Instrument :

BNA_E

ClientSampleId :



Tot Ion:152 Resp: 600

Ion Ratio Lower Upper

152 100

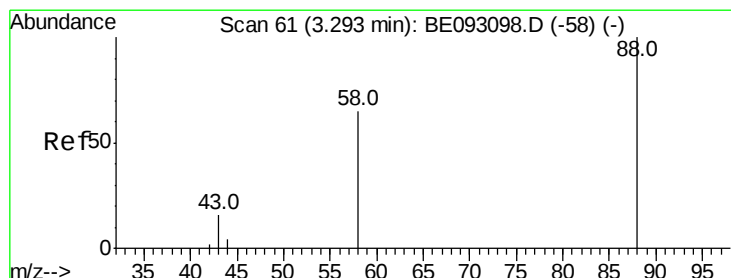
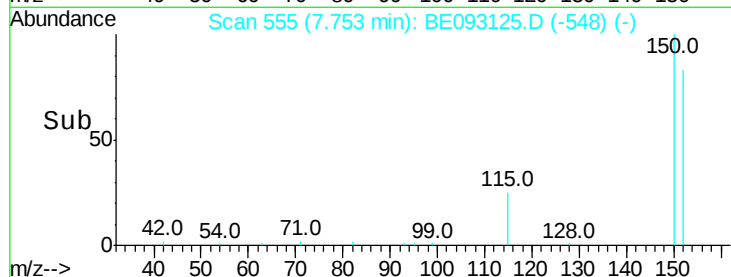
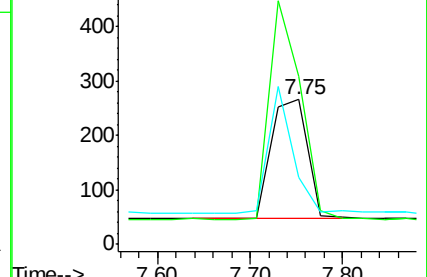
150 116.2 125.1 187.7#

115 46.6 55.7 83.5#

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



#2

1,4-Dioxane

Concen: 0.03 ng

RT: 3.30 min Scan# 61

Delta R.T. 0.00 min

Lab File: BE093125.D

Acq: 13 Jun 2017 5:34

Tgt Ion: 88 Resp: 45

Ion Ratio Lower Upper

88 100

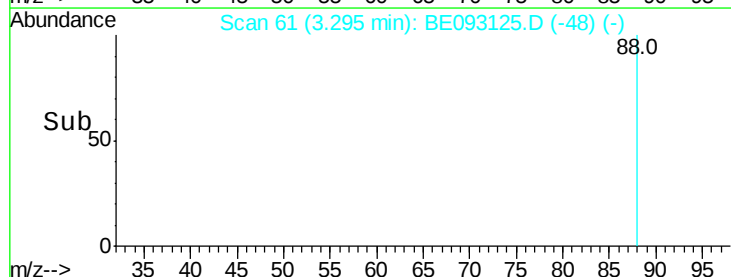
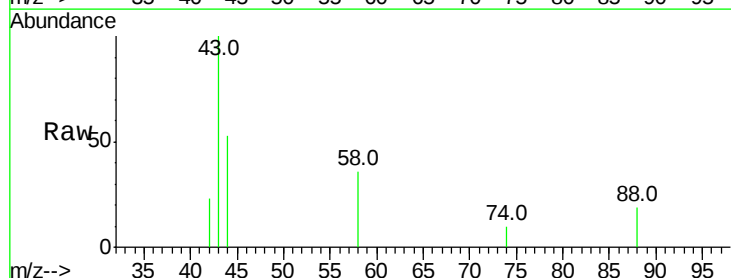
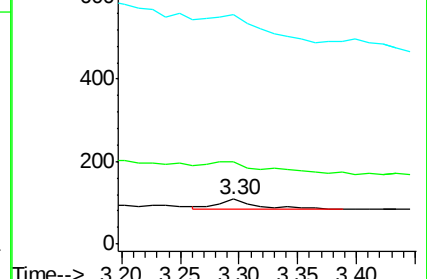
58 240.0 62.2 93.4#

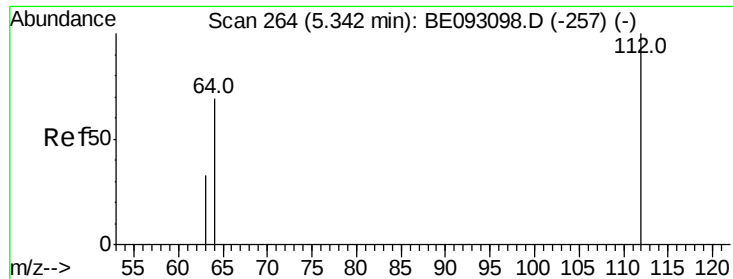
43 0.0 23.2 34.8#

Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.24 ng

RT: 5.35 min Scan# 265

Delta R.T. 0.01 min

Lab File: BE093125.D

Acq: 13 Jun 2017 5:34

Instrument :

BNA_E

ClientSampleId :

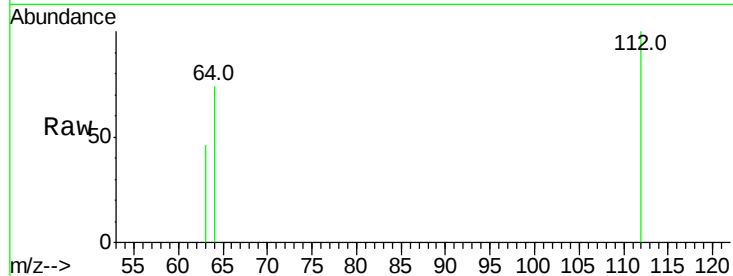
Tot Ion:112 Resp: 422

Ion Ratio Lower Upper

112 100

64 66.1 56.4 84.6

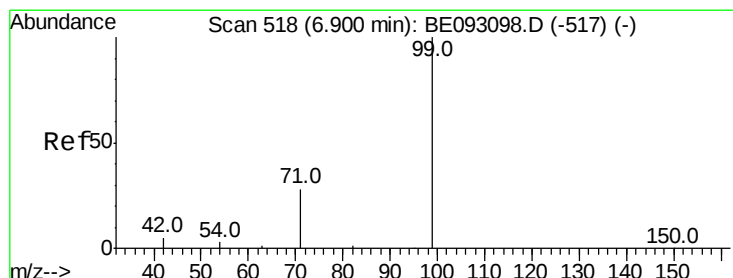
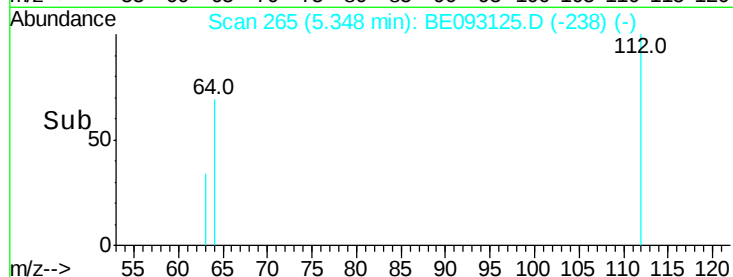
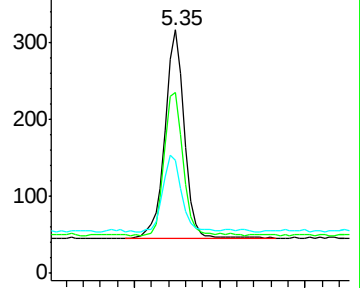
63 35.1 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.13 ng

RT: 6.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE093125.D

Acq: 13 Jun 2017 5:34

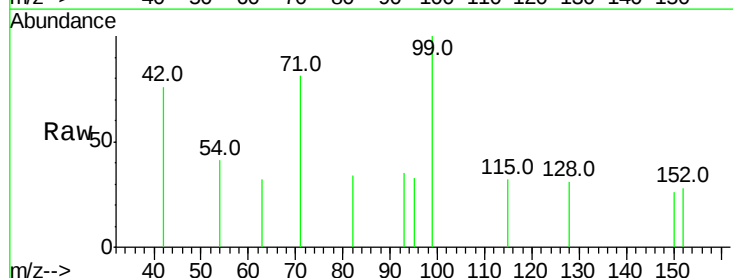
Tgt Ion: 99 Resp: 348

Ion Ratio Lower Upper

99 100

42 34.5 0.0 0.0#

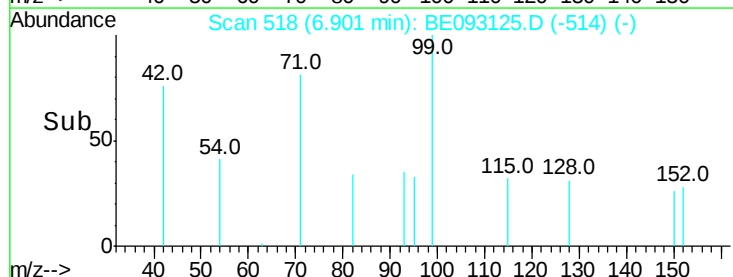
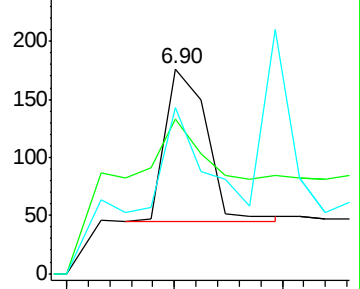
71 66.4 0.0 0.0#

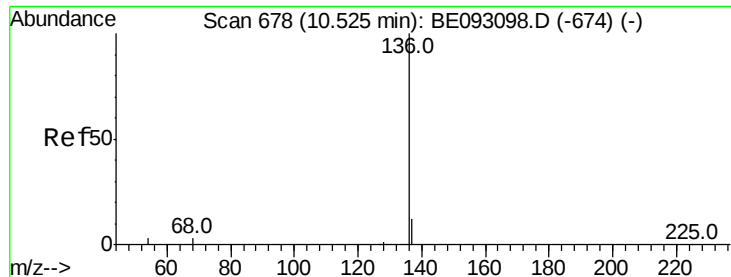


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093125.D

Acq: 13 Jun 2017 5:34

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3054

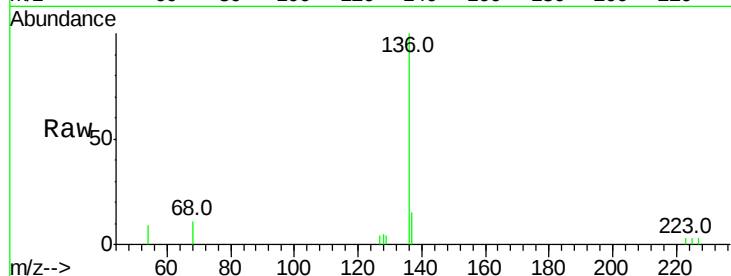
Ion Ratio Lower Upper

136 100

137 15.0 9.8 14.8#

54 9.2 10.3 15.5#

68 10.7 9.0 13.4

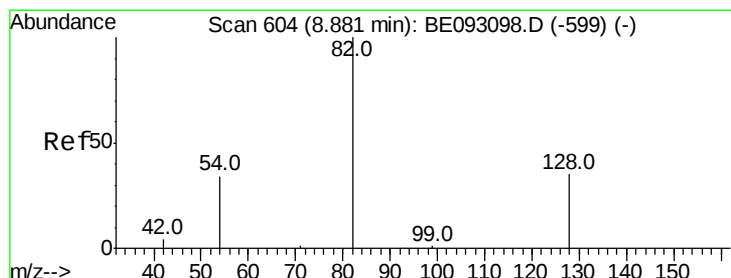
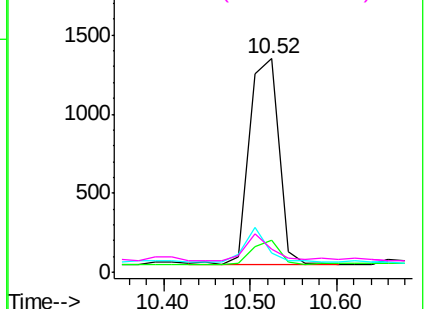
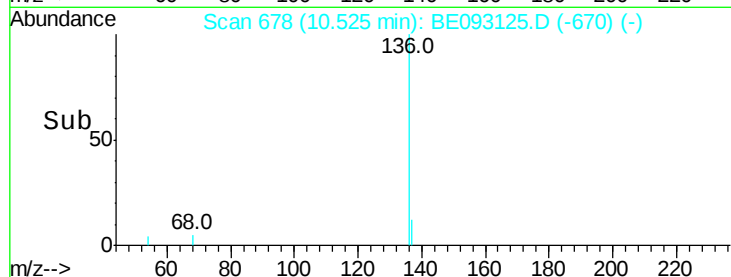


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.47 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093125.D

Acq: 13 Jun 2017 5:34

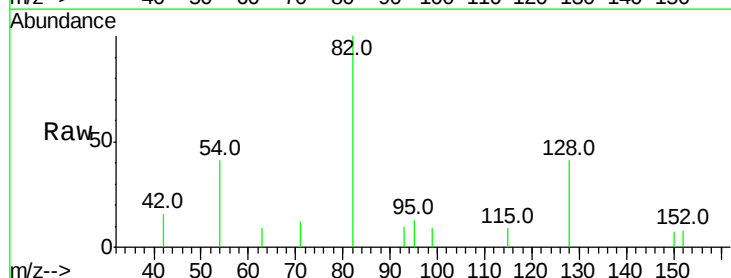
Tgt Ion: 82 Resp: 1142

Ion Ratio Lower Upper

82 100

128 41.1 17.0 25.4#

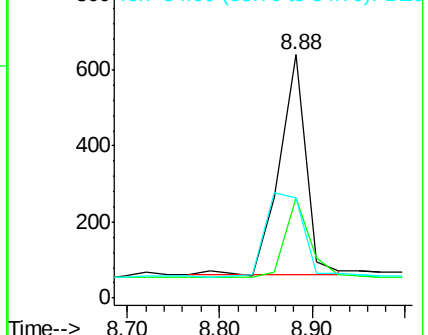
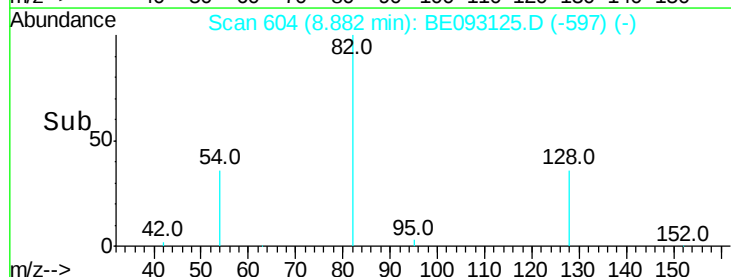
54 41.3 53.8 80.6#

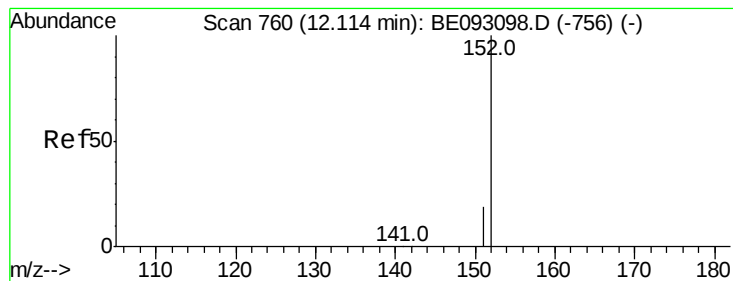


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.43 ng

RT: 12.11 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE093125.D

Acq: 13 Jun 2017 5:34

Instrument :

BNA_E

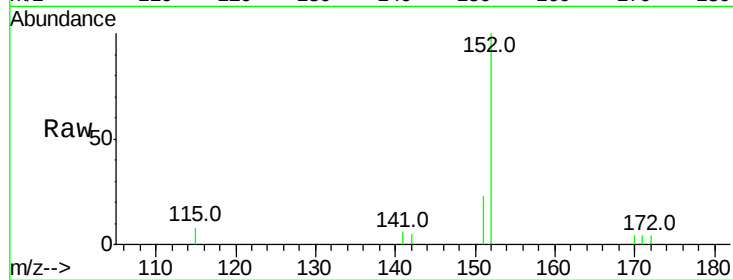
ClientSampleId :

Tot Ion:152 Resp: 1972

Ion Ratio Lower Upper

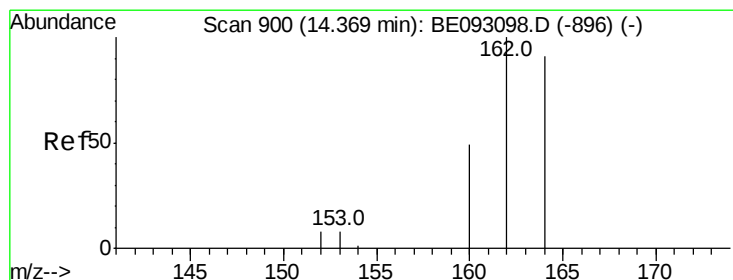
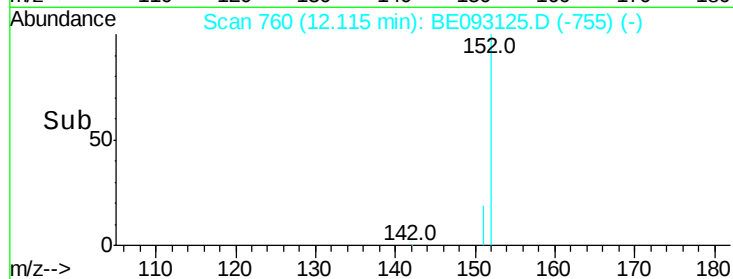
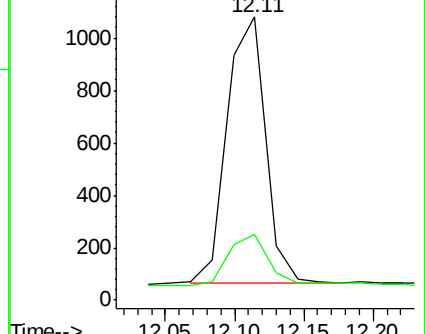
152 100

151 21.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.37 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE093125.D

Acq: 13 Jun 2017 5:34

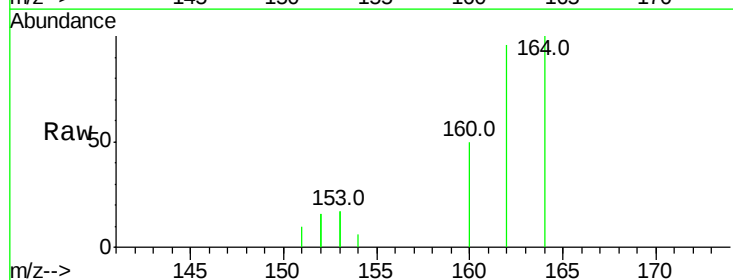
Tgt Ion:164 Resp: 2954

Ion Ratio Lower Upper

164 100

162 96.3 84.6 127.0

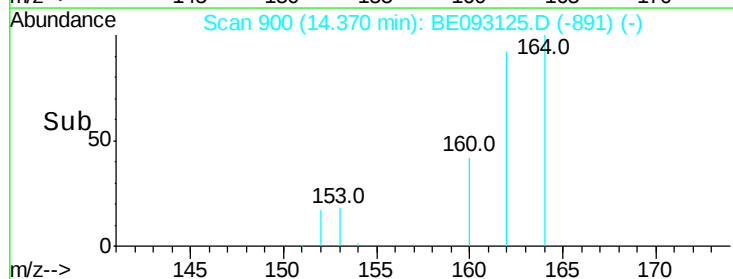
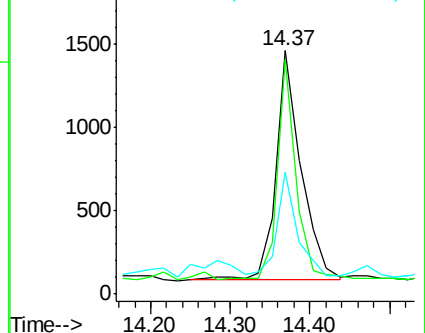
160 50.2 41.8 62.6

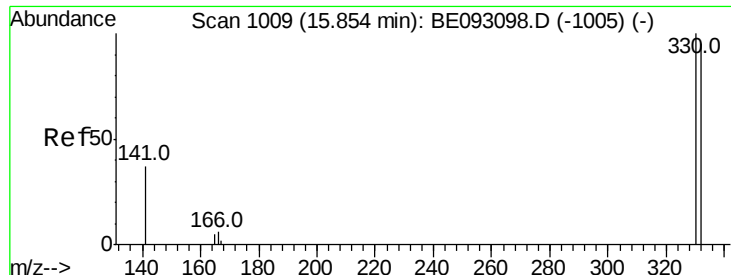


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

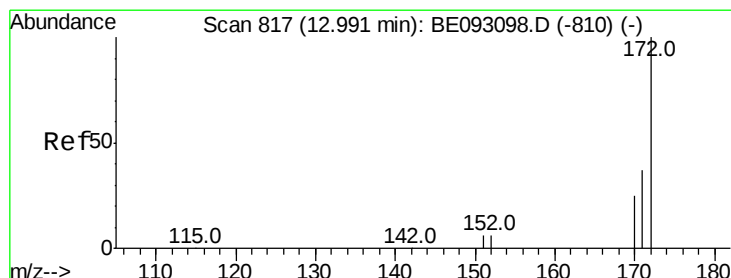
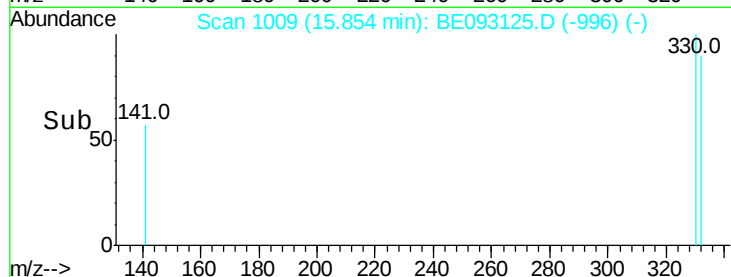
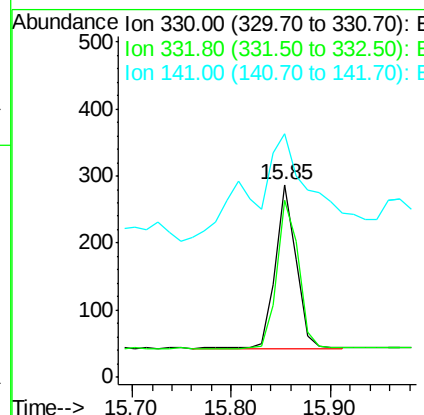
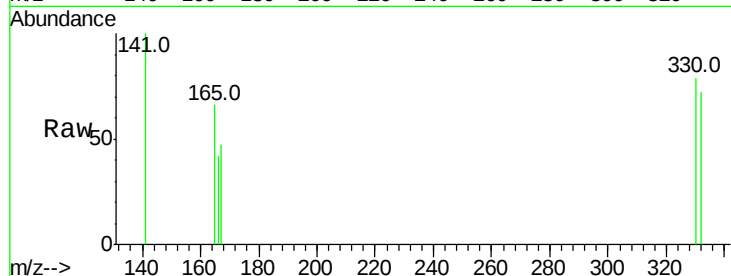




#14
2,4,6-Tribromophenol
Concen: 0.52 ng
RT: 15.85 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE093125.D
Acq: 13 Jun 2017 5:34

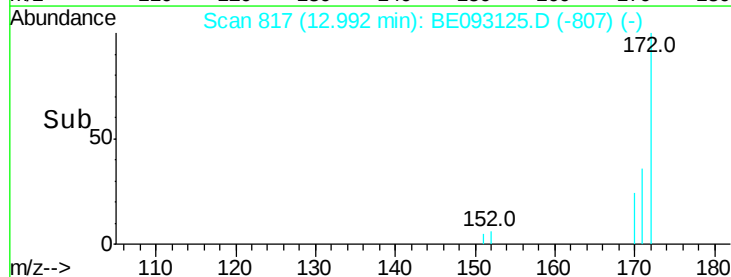
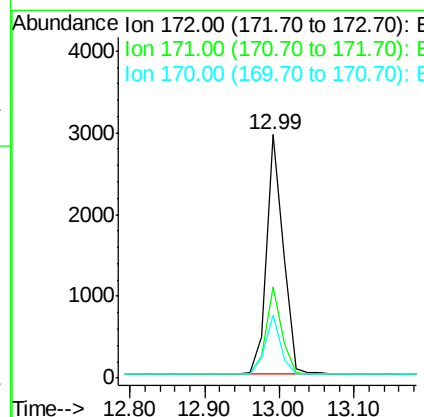
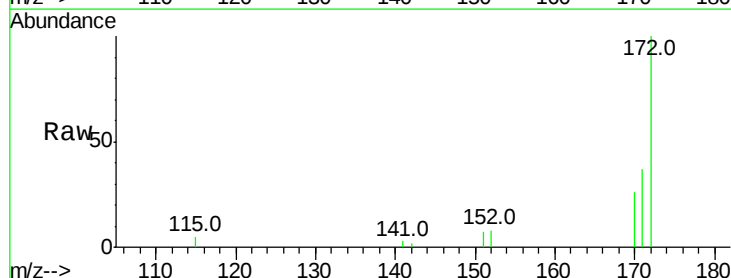
Instrument :
BNA_E
ClientSampleId :

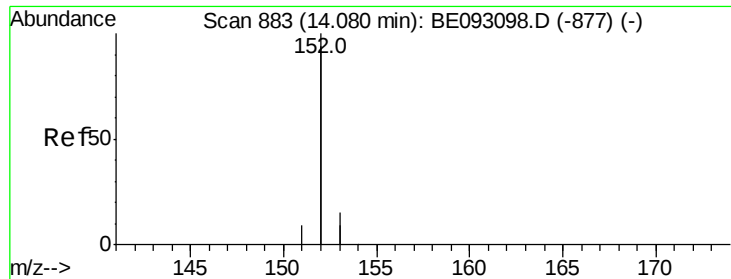
Tot Ion:330 Resp: 353
Ion Ratio Lower Upper
330 100
332 95.2 77.7 116.5
141 99.2 56.2 84.4#



#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093125.D
Acq: 13 Jun 2017 5:34

Tgt Ion:172 Resp: 4533
Ion Ratio Lower Upper
172 100
171 37.4 29.8 44.6
170 25.7 20.7 31.1





#16

Acenaphthylene

Concen: 0.03 ng

RT: 14.08 min Scan# 883

Delta R.T. 0.00 min

Lab File: BE093125.D

Acq: 13 Jun 2017 5:34

Instrument :

BNA_E

ClientSampleId :

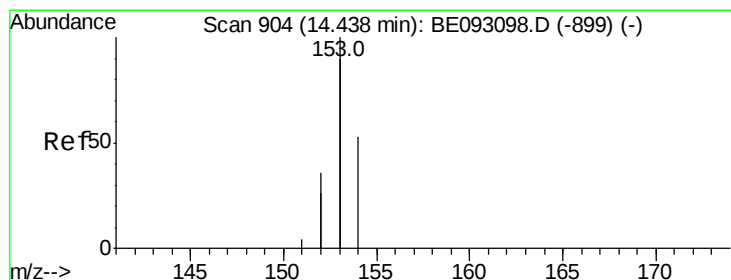
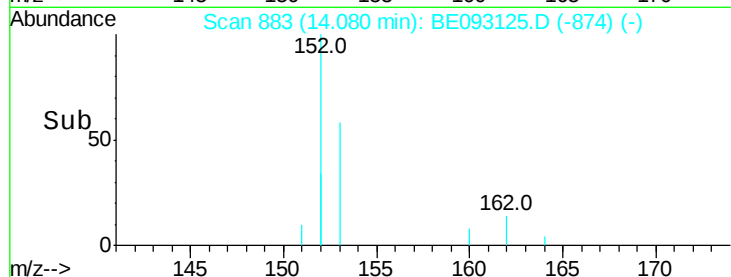
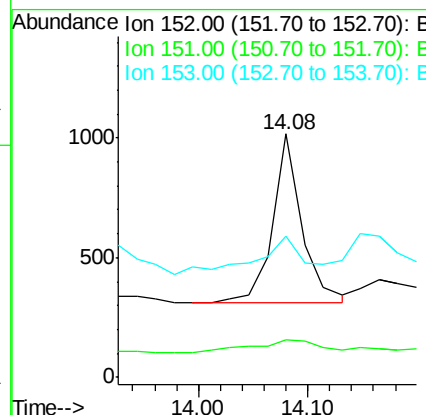
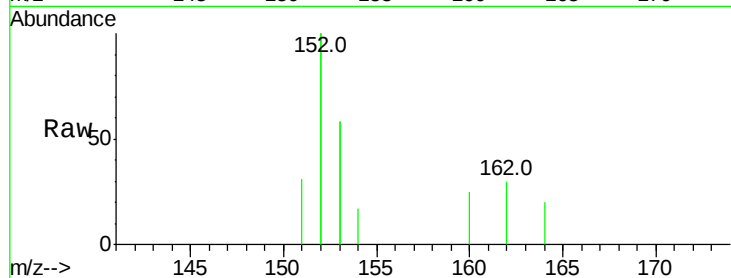
Tot Ion:152 Resp: 1322

Ion Ratio Lower Upper

152 100

151 17.6 4.0 6.0#

153 36.3 10.3 15.5#



#17

Acenaphthene

Concen: 0.18 ng

RT: 14.44 min Scan# 904

Delta R.T. 0.00 min

Lab File: BE093125.D

Acq: 13 Jun 2017 5:34

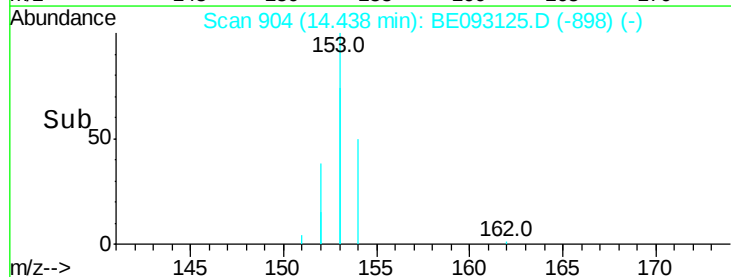
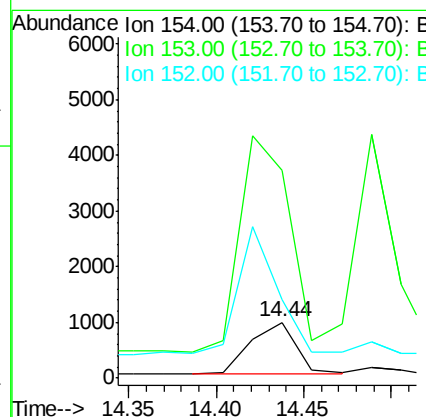
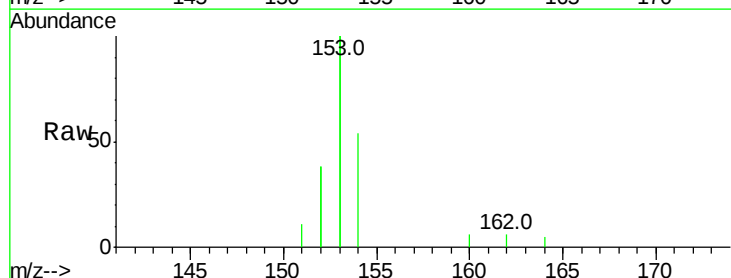
Tgt Ion:154 Resp: 1678

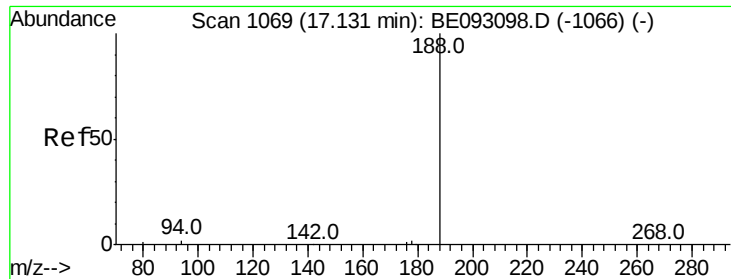
Ion Ratio Lower Upper

154 100

153 457.7 367.8 551.6

152 210.0 188.2 282.2





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE093125.D

Acq: 13 Jun 2017 5:34

Instrument :

BNA_E

ClientSampled :

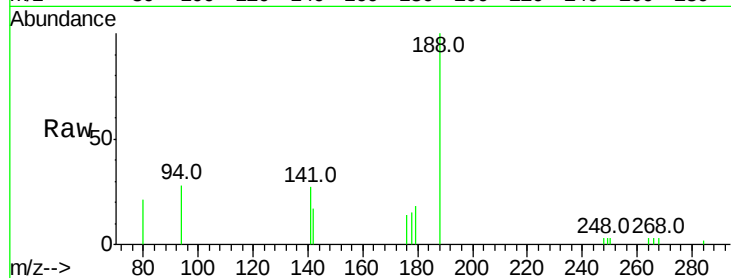
Tot Ion:188 Resp: 3862

Ion Ratio Lower Upper

188 100

94 27.6 11.3 16.9#

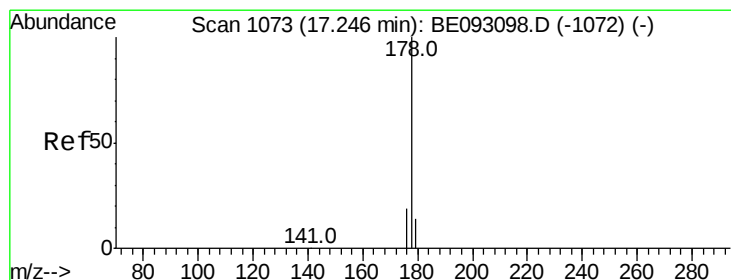
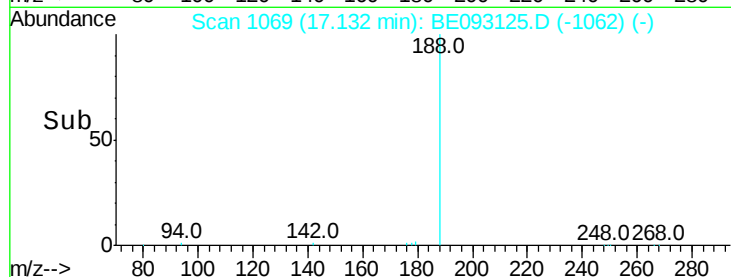
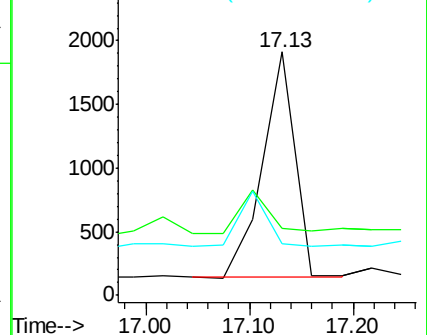
80 21.2 11.7 17.5#



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



#24

Anthracene

Concen: 0.09 ng

RT: 17.25 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BE093125.D

Acq: 13 Jun 2017 5:34

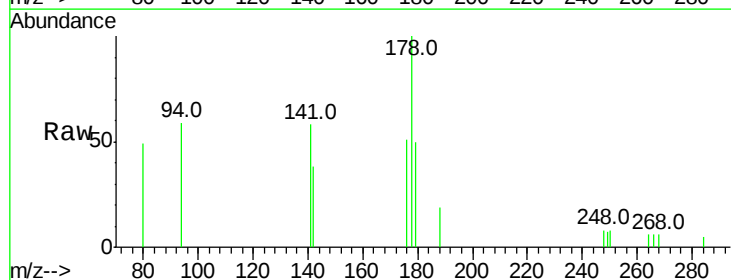
Tgt Ion:178 Resp: 1322

Ion Ratio Lower Upper

178 100

176 38.4 14.6 22.0#

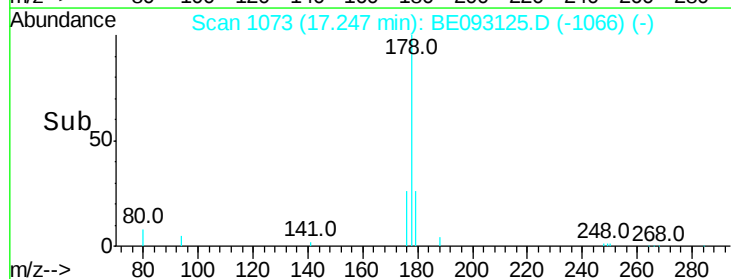
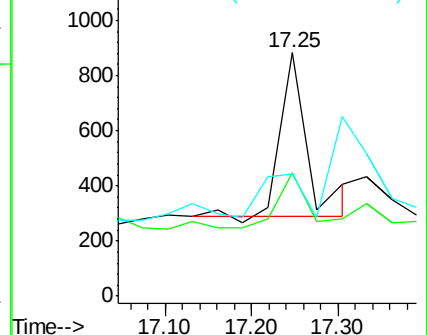
179 0.0 12.0 18.0#

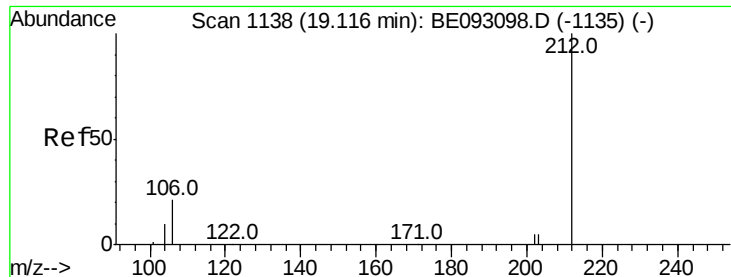


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

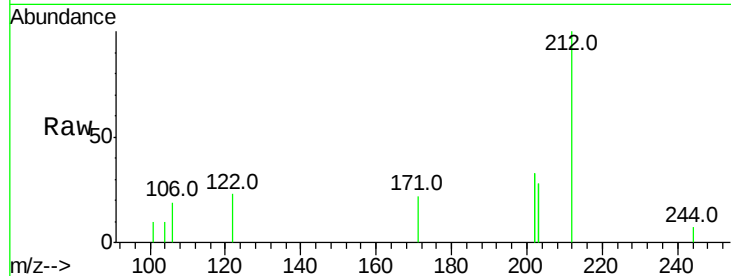




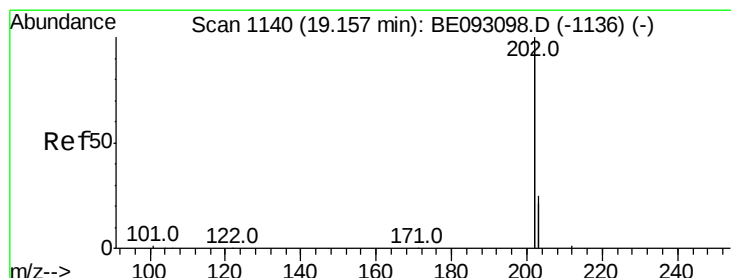
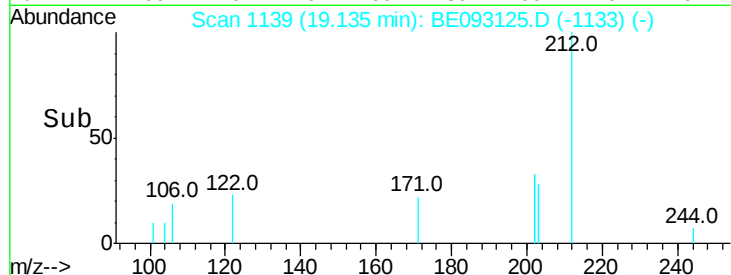
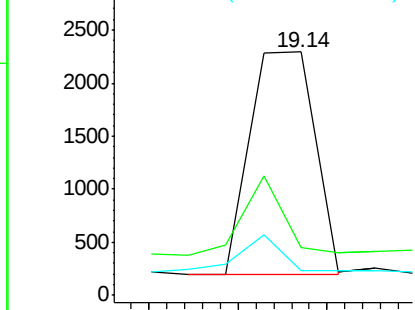
#25
 Fluoranthene-d10
 Concen: 0.42 ng
 RT: 19.14 min Scan# 1139
 Delta R.T. 0.02 min
 Lab File: BE093125.D
 Acq: 13 Jun 2017 5:34

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 5311
 Ion Ratio Lower Upper
 212 100
 106 0.0 0.0 0.0
 104 0.0 0.0 0.0

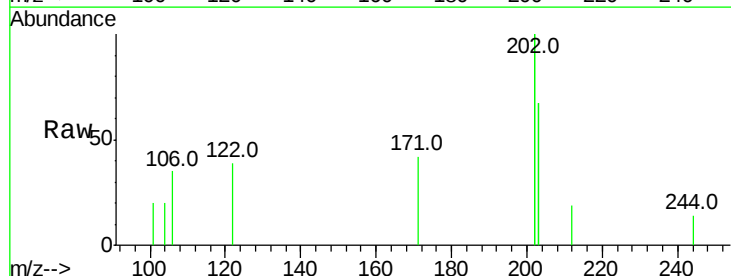


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

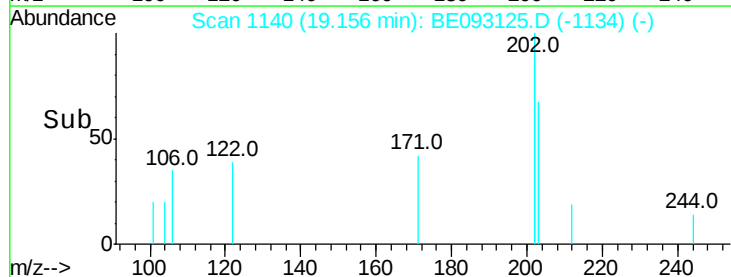
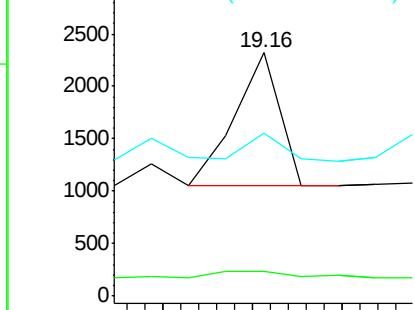


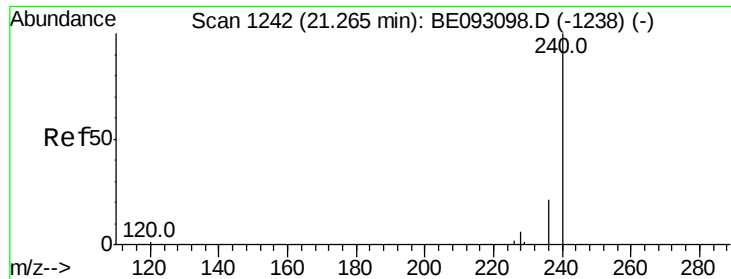
#26
 Fluoranthene
 Concen: 0.03 ng
 RT: 19.16 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BE093125.D
 Acq: 13 Jun 2017 5:34

Tgt Ion:202 Resp: 2205
 Ion Ratio Lower Upper
 202 100
 101 0.0 0.0 0.0
 203 0.0 14.4 21.6#



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

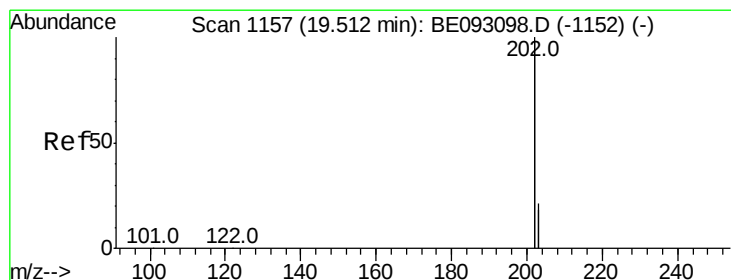
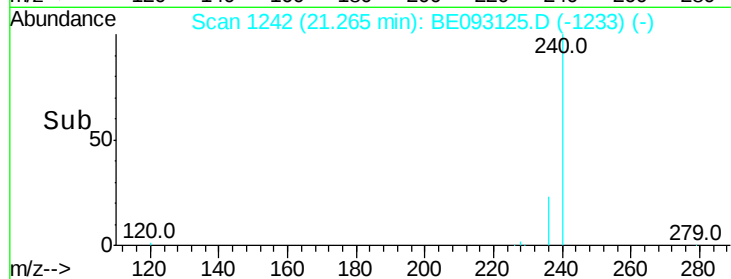
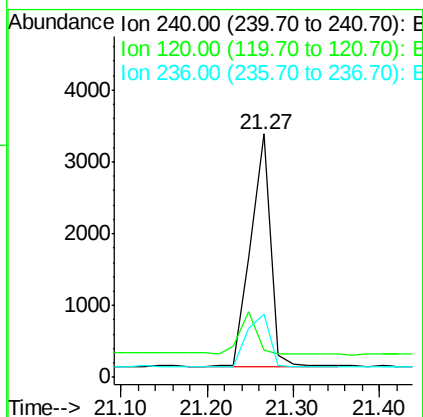
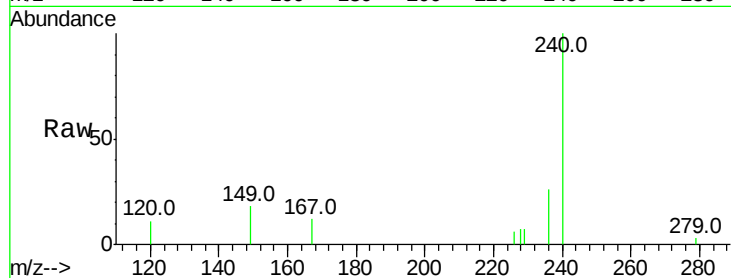




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.27 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BE093125.D
Acq: 13 Jun 2017 5:34

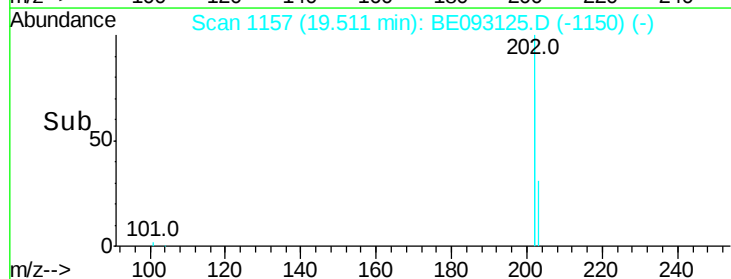
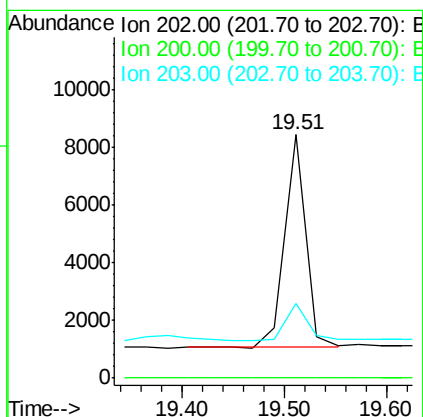
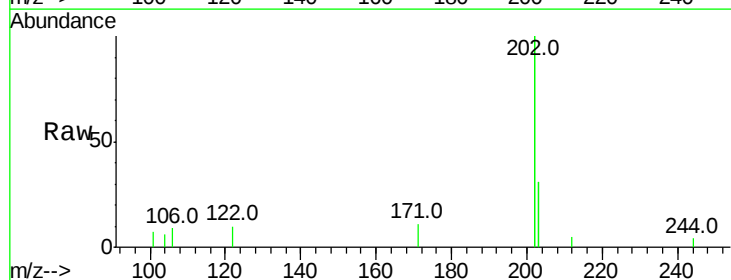
Instrument :
BNA_E
ClientSampleId :

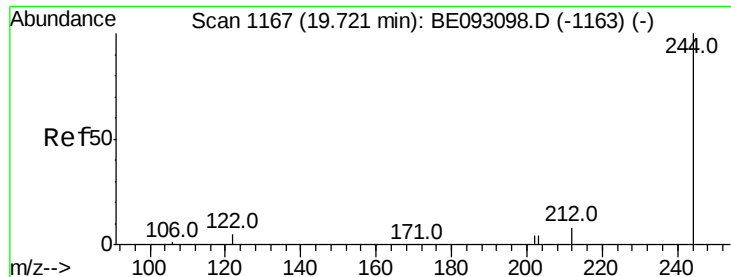
Tot Ion:240 Resp: 5174
Ion Ratio Lower Upper
240 100
120 11.2 4.6 7.0#
236 26.0 20.8 31.2



#28
Pyrene
Concen: 0.17 ng
RT: 19.51 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BE093125.D
Acq: 13 Jun 2017 5:34

Tgt Ion:202 Resp: 10688
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 19.2 13.7 20.5





#29

Terphenyl-d14

Concen: 0.50 ng

RT: 19.72 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BE093125.D

Acq: 13 Jun 2017 5:34

Instrument :

BNA_E

ClientSampleId :

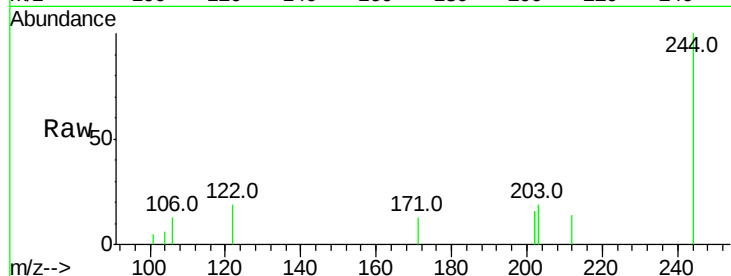
Tot Ion:244 Resp: 4978

Ion Ratio Lower Upper

244 100

212 14.0 10.6 16.0

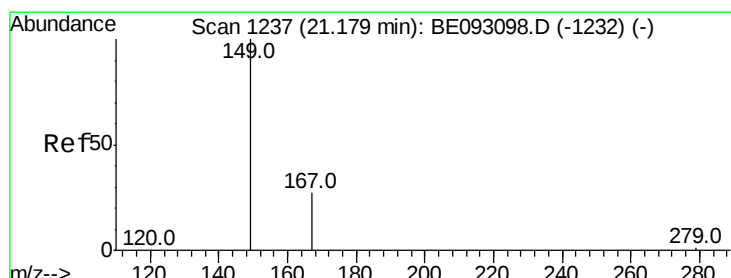
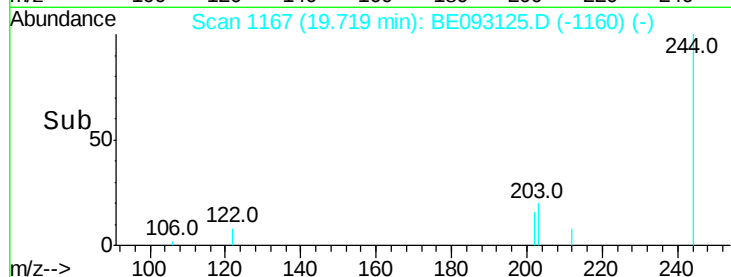
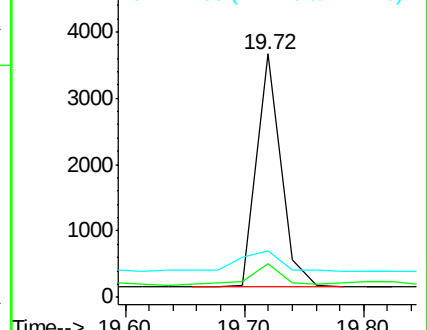
122 19.1 15.4 23.0



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: 0.18 ng

RT: 21.18 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BE093125.D

Acq: 13 Jun 2017 5:34

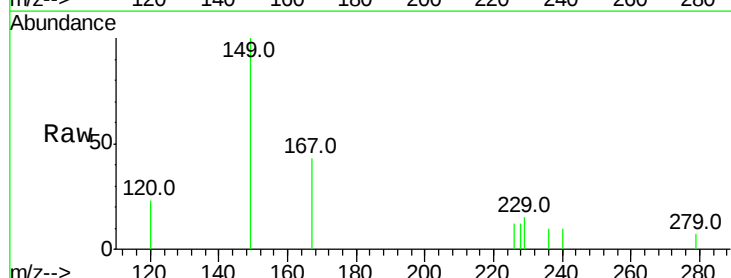
Tgt Ion:149 Resp: 1099

Ion Ratio Lower Upper

149 100

167 29.5 20.1 30.1

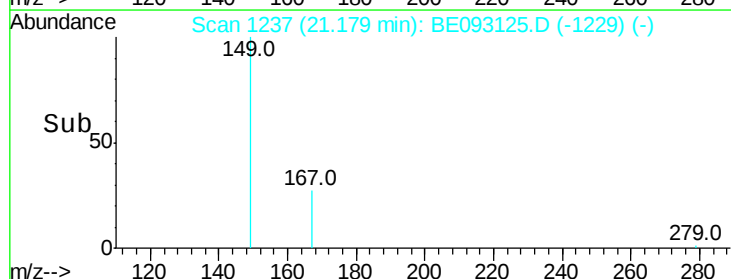
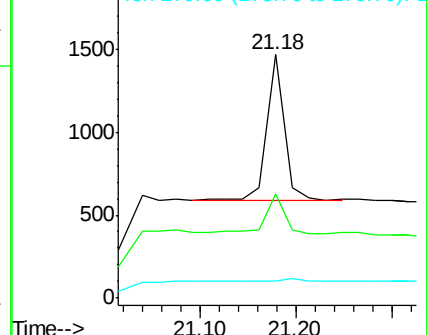
279 4.0 2.2 3.4#

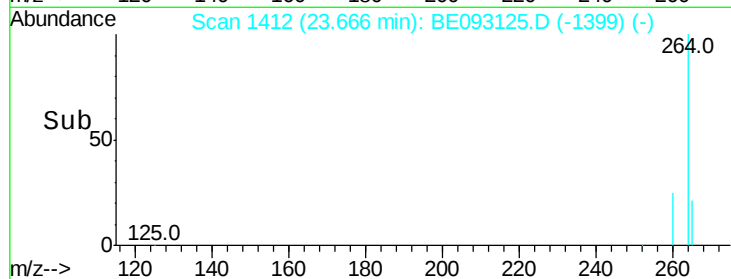
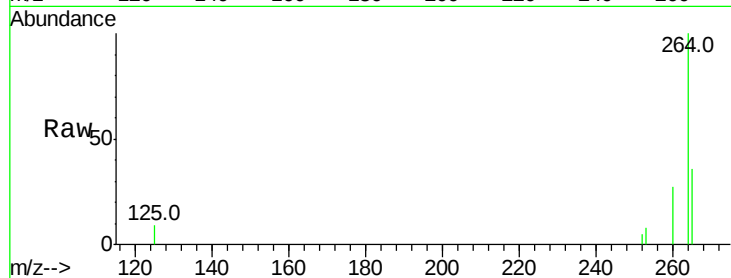
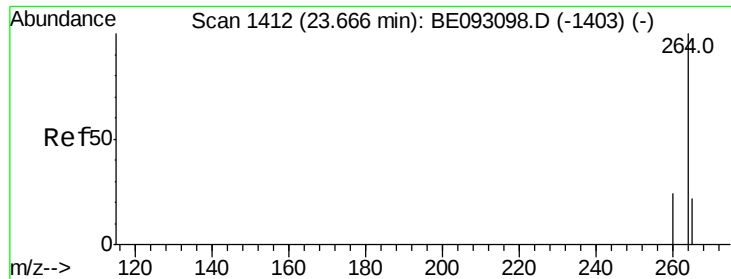


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.40 ng
 RT: 23.67 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BE093125.D
 Acq: 13 Jun 2017 5:34

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.0	31.4
265	35.7	24.6	36.8

