

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 :

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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

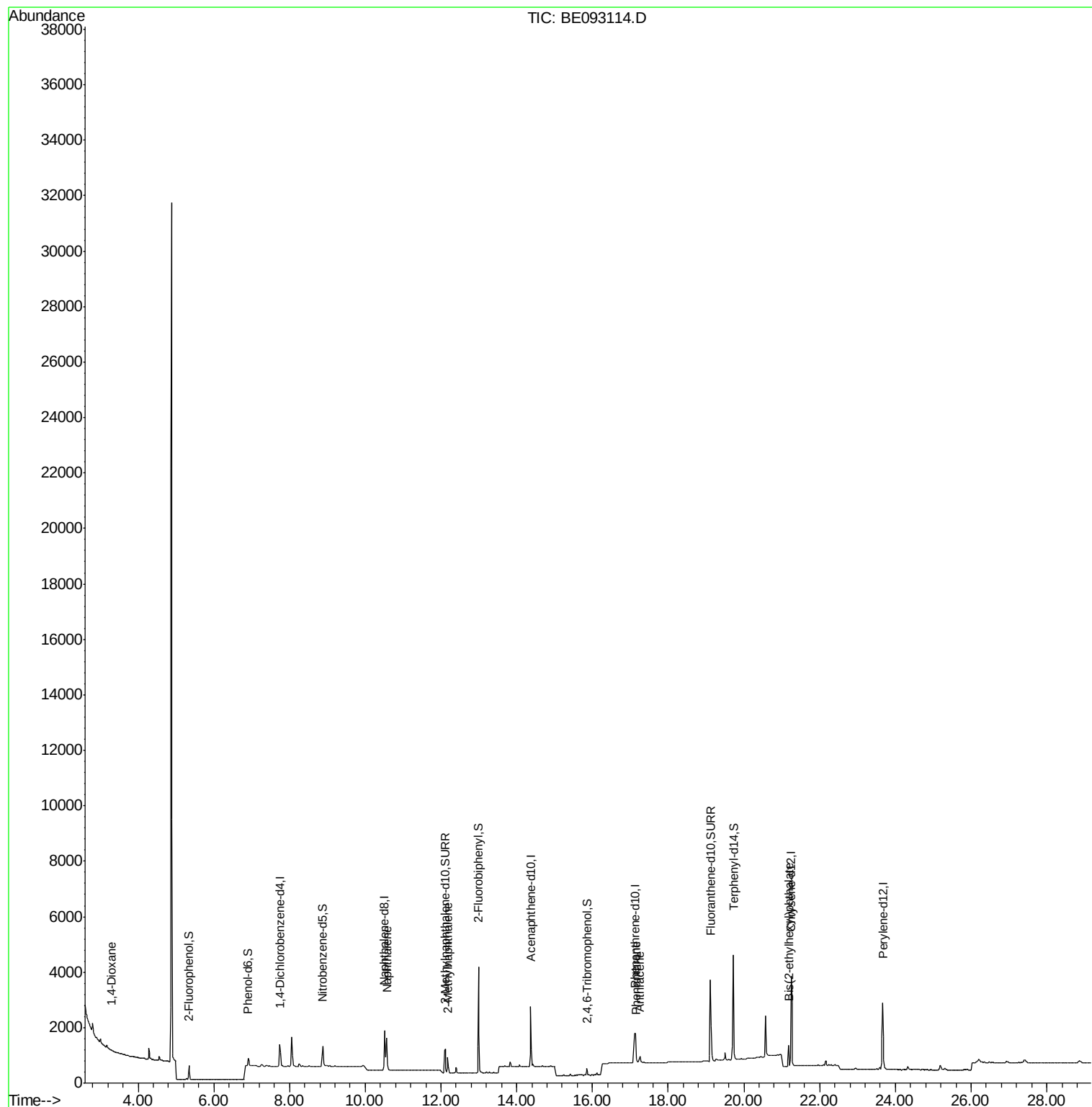
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	17	0.01	ng	# 20
9) Naphthalene	10.56	128	1636	0.25	ng	96
12) 2-Methylnaphthalene	12.18	142	410	0.10	ng	# 93
23) Phenanthrene	17.16	178	152	0.01	ng	93
24) Anthracene	17.25	178	319	0.03	ng	# 95
32) Bis(2-ethylhexyl)phthalate	21.18	149	802	0.15	ng	# 98

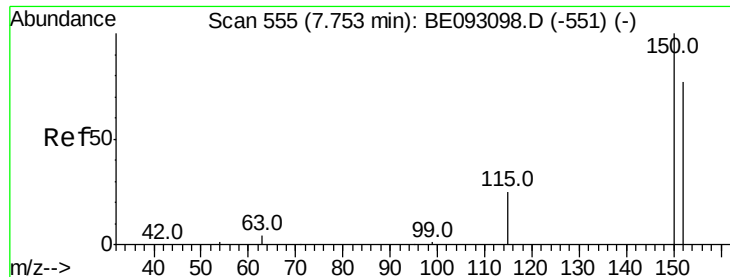
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :

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





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. 0.00 min

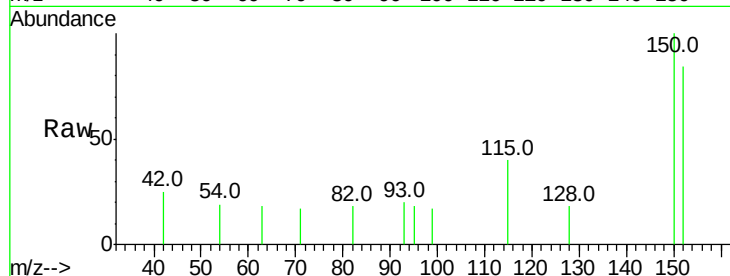
Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

Instrument :

BNA_E

ClientSampled :



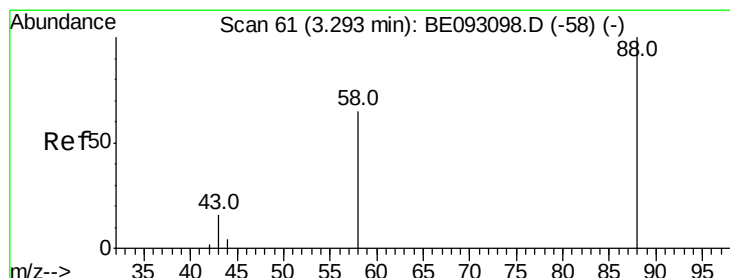
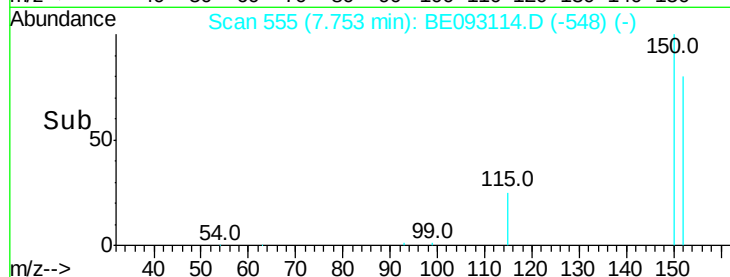
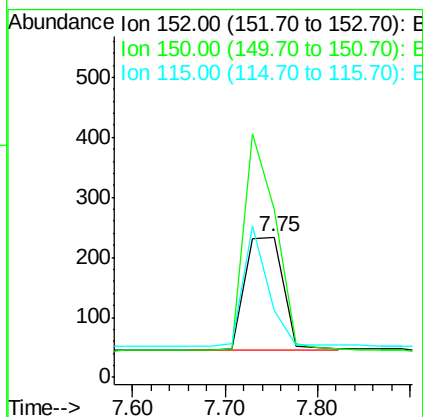
Tot Ion:152 Resp: 535

Ion Ratio Lower Upper

152 100

150 119.7 125.1 187.7#

115 47.4 55.7 83.5#



#2

1,4-Dioxane

Concen: 0.01 ng

RT: 3.29 min Scan# 61

Delta R.T. 0.00 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

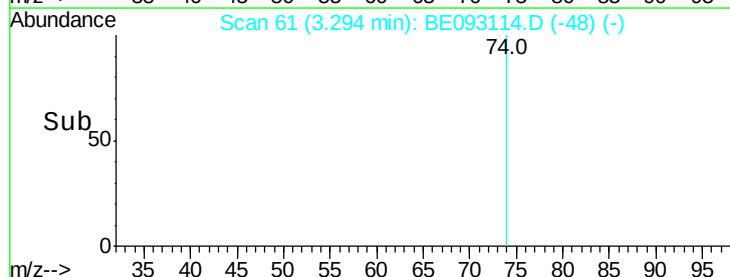
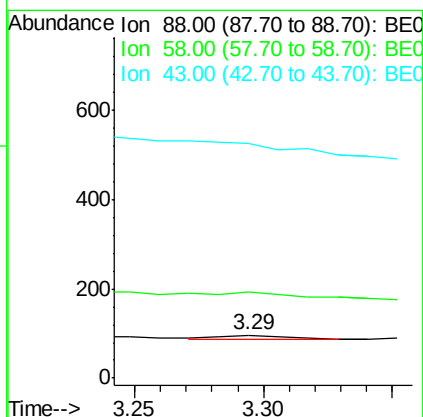
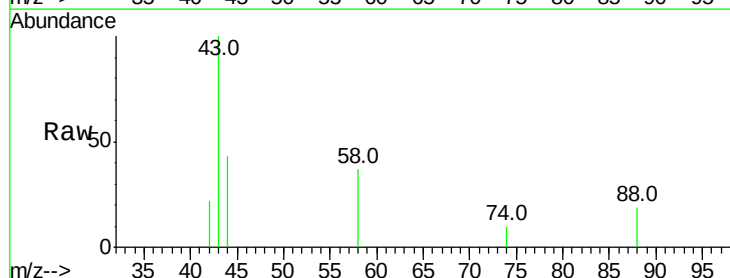
Tgt Ion: 88 Resp: 17

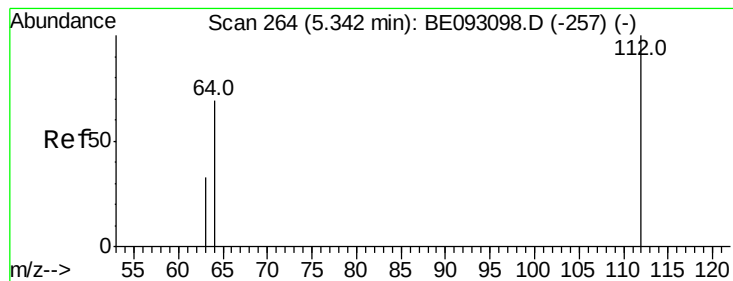
Ion Ratio Lower Upper

88 100

58 0.0 62.2 93.4#

43 0.0 23.2 34.8#





#4

2-Fluorophenol

Concen: 0.22 ng

RT: 5.35 min Scan# 265

Delta R.T. 0.00 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

Instrument :

BNA_E

ClientSampleId :

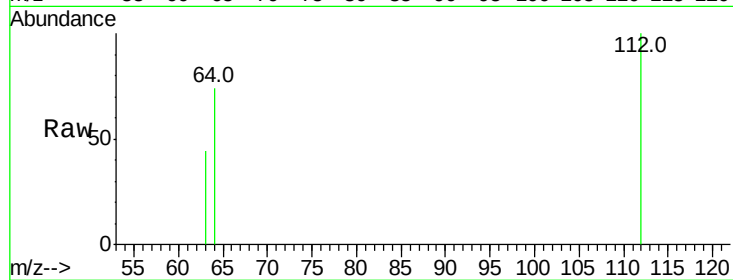
Tot Ion:112 Resp: 349

Ion Ratio Lower Upper

112 100

64 71.3 56.4 84.6

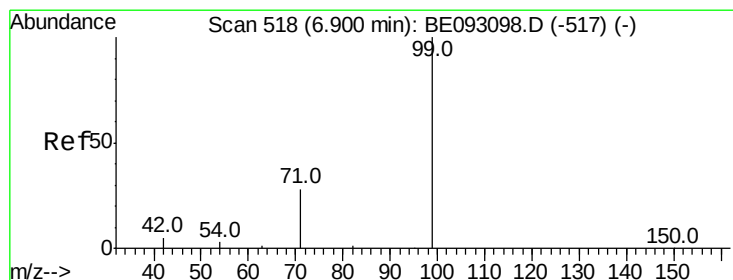
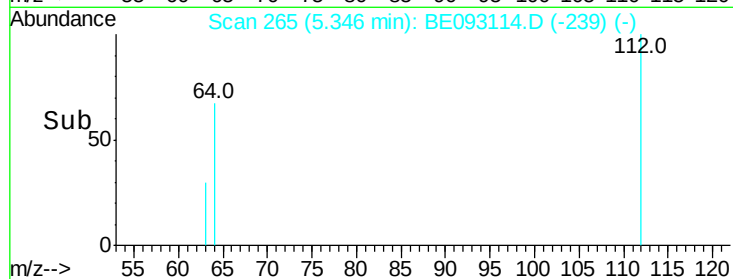
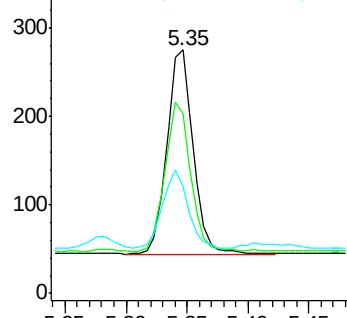
63 36.1 29.3 43.9



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: BE093114.D

Acq: 12 Jun 2017 22:48

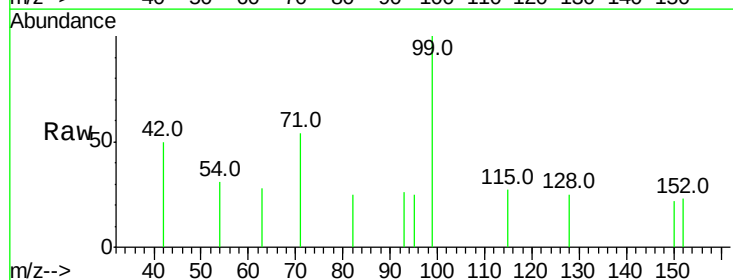
Tgt Ion: 99 Resp: 303

Ion Ratio Lower Upper

99 100

42 24.1 0.0 0.0#

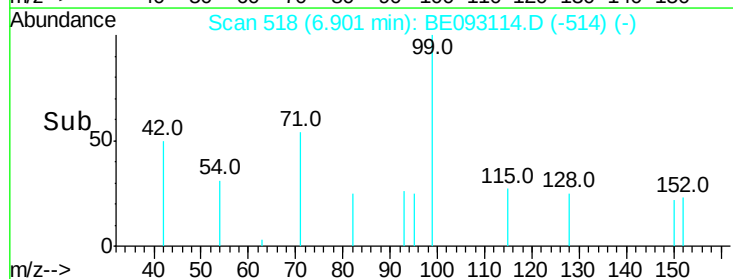
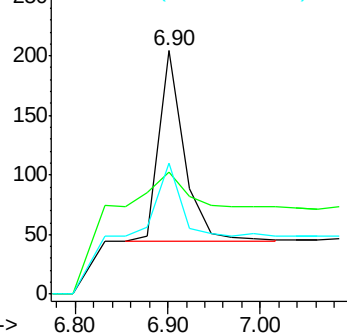
71 35.6 0.0 0.0#

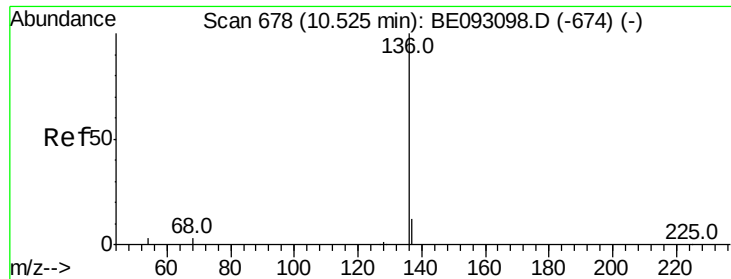


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.51 min Scan# 677

Delta R.T. -0.02 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2484

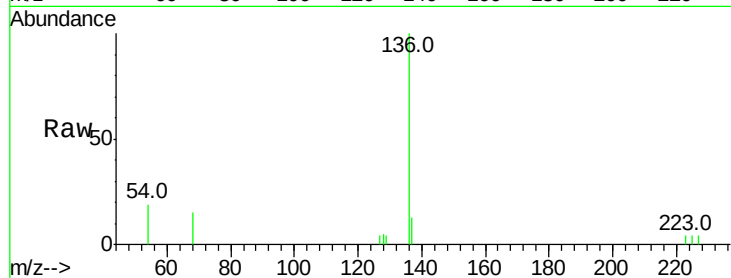
Ion Ratio Lower Upper

136 100

137 13.1 9.8 14.8

54 18.9 10.3 15.5#

68 15.4 9.0 13.4#

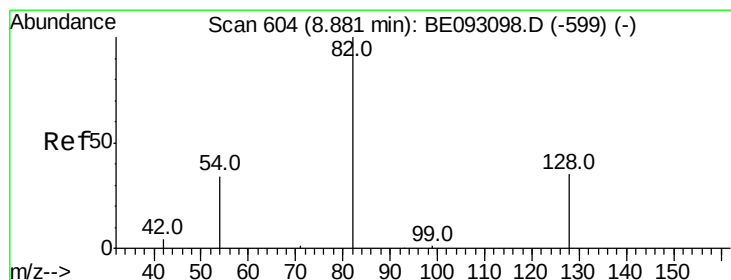
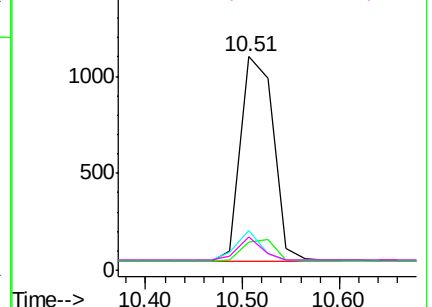
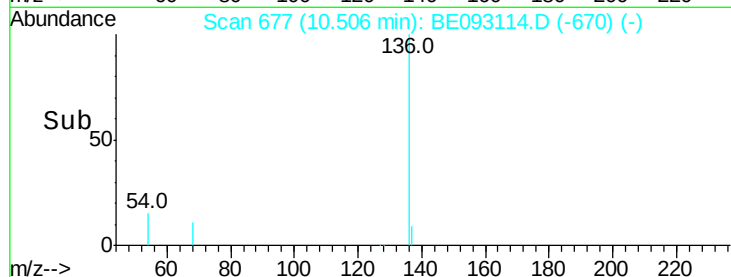


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.43 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

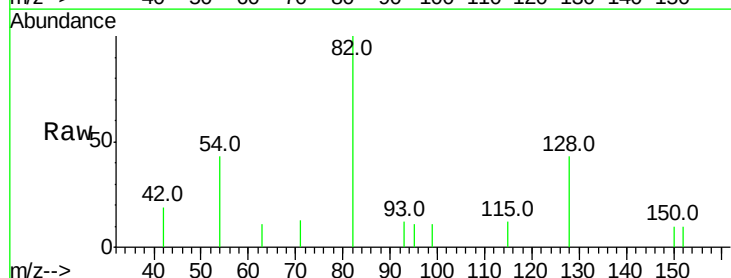
Tgt Ion: 82 Resp: 851

Ion Ratio Lower Upper

82 100

128 42.6 17.0 25.4#

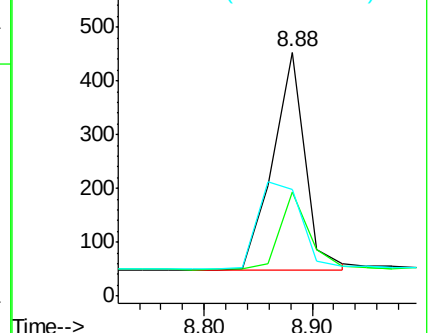
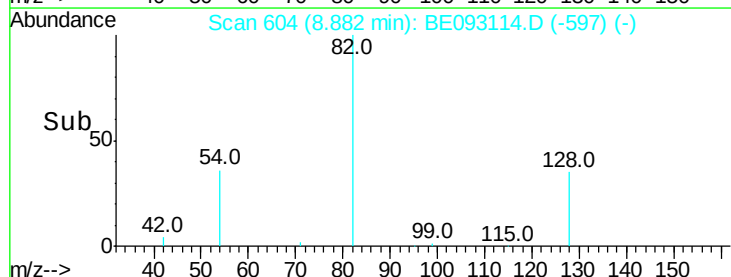
54 43.5 53.8 80.6#

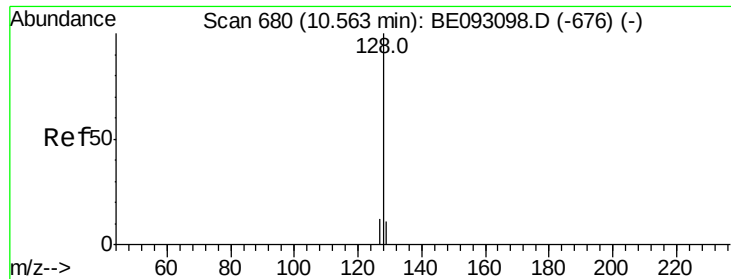


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.25 ng

RT: 10.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

Instrument :

BNA_E

ClientSampleId :

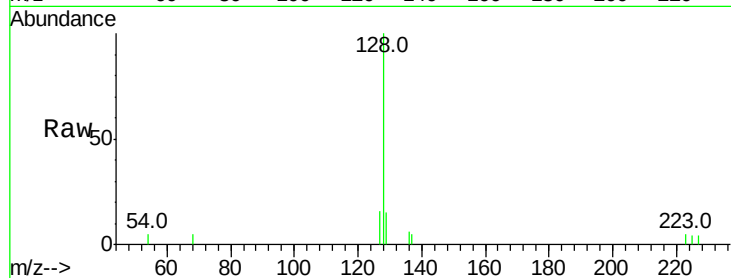
Tot Ion:128 Resp: 1636

Ion Ratio Lower Upper

128 100

129 15.4 11.4 17.0

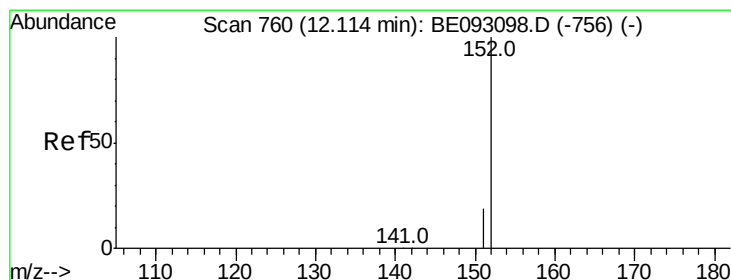
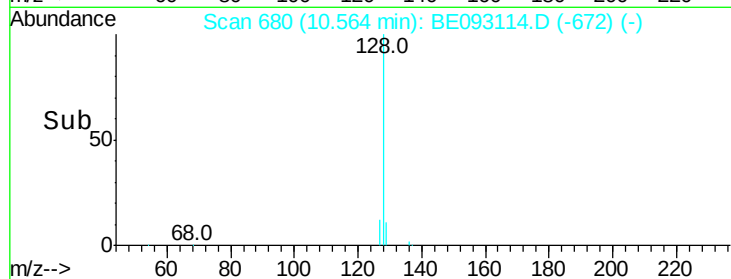
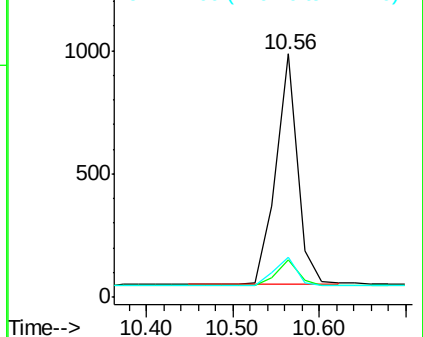
127 16.3 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.41 ng

RT: 12.11 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE093114.D

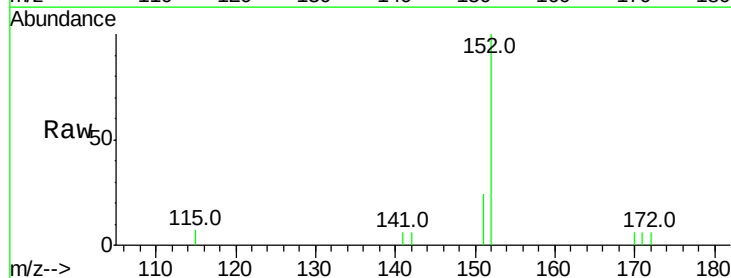
Acq: 12 Jun 2017 22:48

Tgt Ion:152 Resp: 1542

Ion Ratio Lower Upper

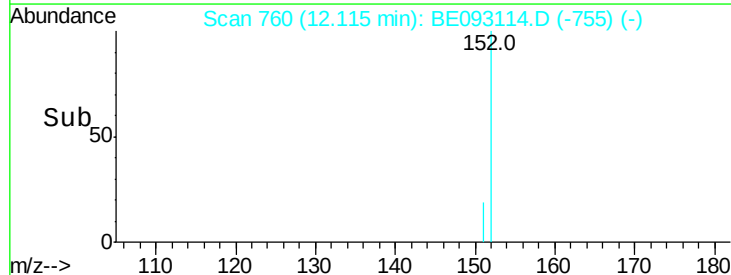
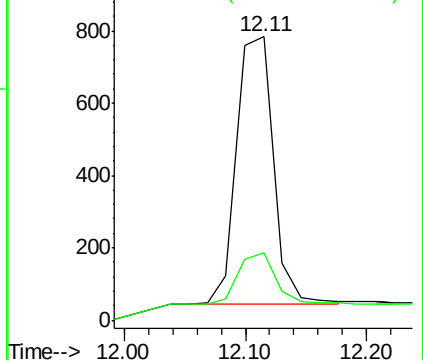
152 100

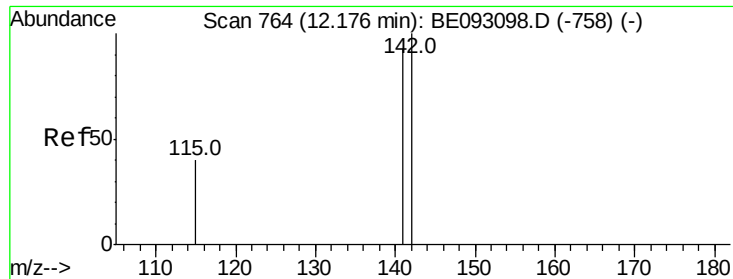
151 19.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

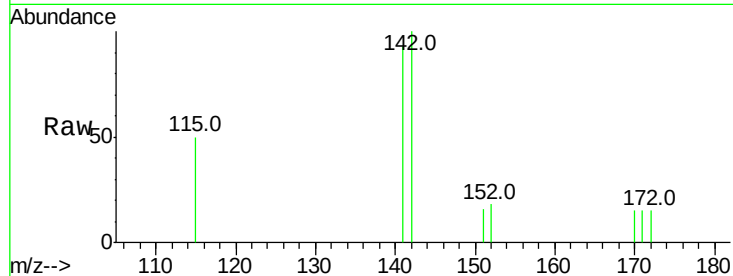




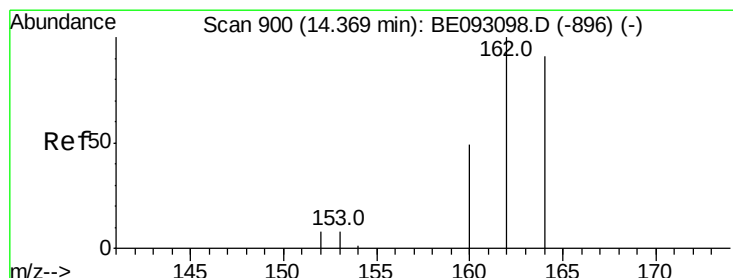
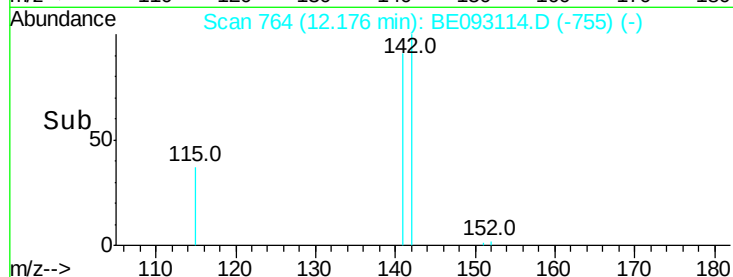
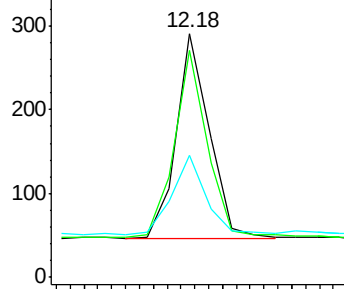
#12
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.18 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE093114.D
Acq: 12 Jun 2017 22:48

Instrument :
BNA_E
ClientSampleId :

Tot Ion:142 Resp: 410
Ion Ratio Lower Upper
142 100
141 93.1 72.6 108.8
115 50.2 32.2 48.2#

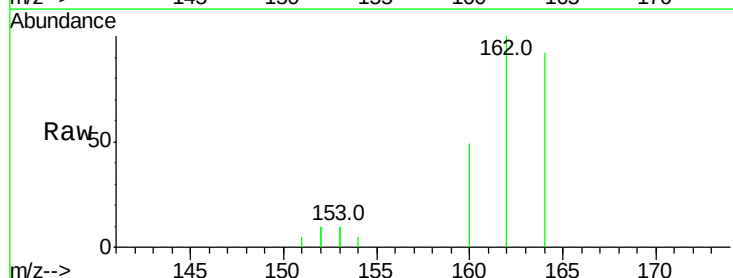


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

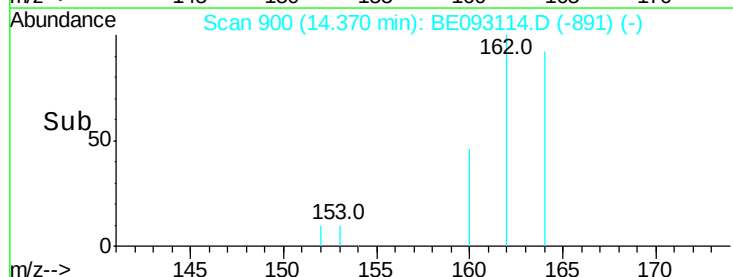
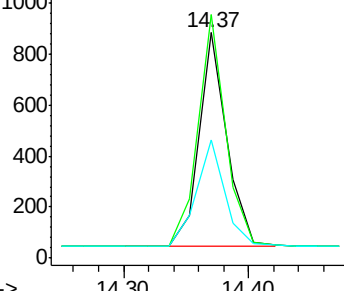


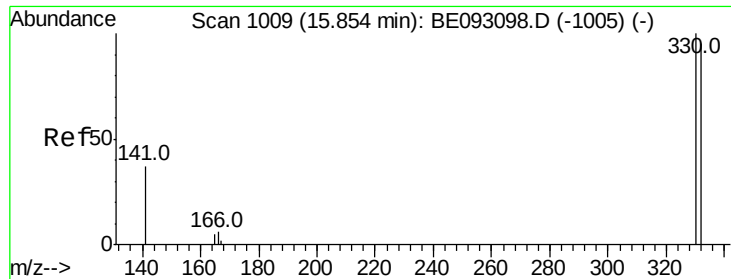
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.37 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE093114.D
Acq: 12 Jun 2017 22:48

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

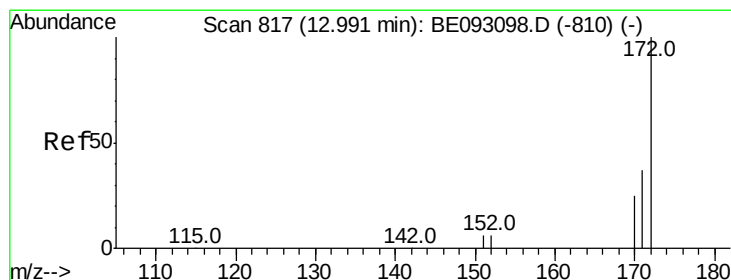
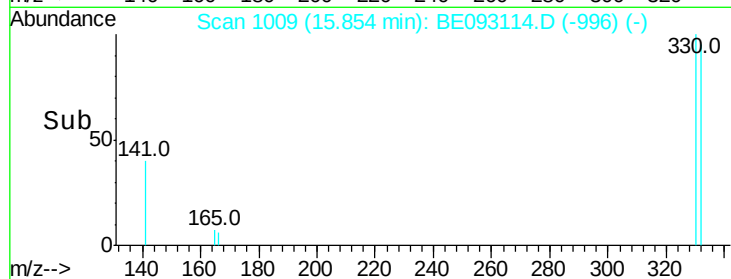
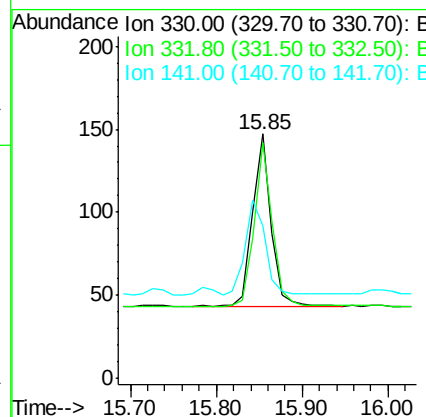
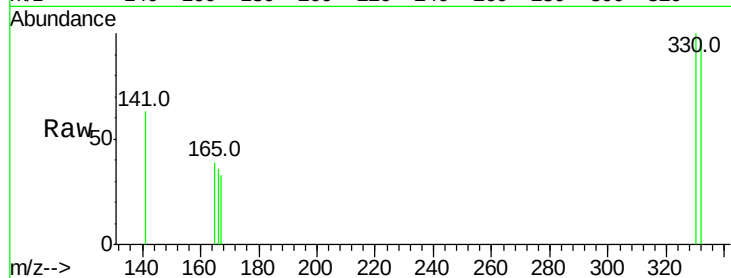




#14
 2,4,6-Tribromophenol
 Concen: 0.55 ng
 RT: 15.85 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BE093114.D
 Acq: 12 Jun 2017 22:48

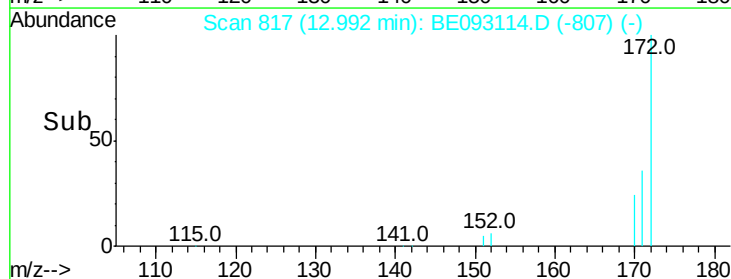
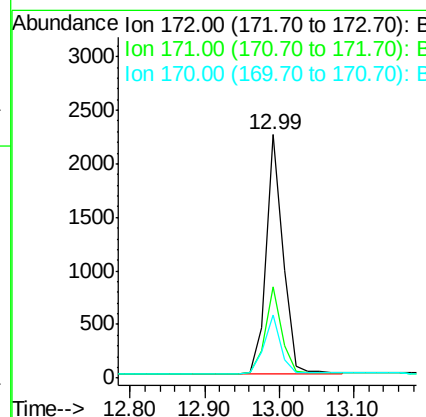
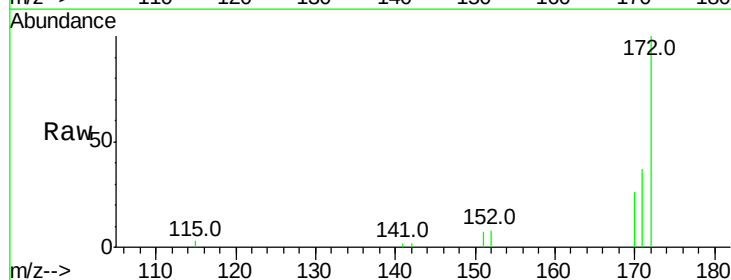
Instrument :
 BNA_E
 ClientSampleId :

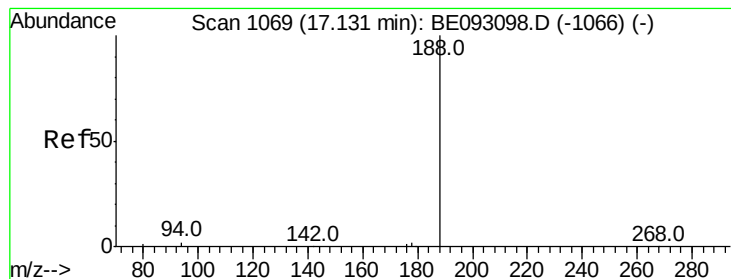
Tot Ion:330 Resp: 159
 Ion Ratio Lower Upper
 330 100
 332 92.5 77.7 116.5
 141 57.9 56.2 84.4



#15
 2-Fluorobiphenyl
 Concen: 0.64 ng
 RT: 12.99 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BE093114.D
 Acq: 12 Jun 2017 22:48

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: 0.40 ng

RT: 17.13 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

Instrument :

BNA_E

ClientSampled :

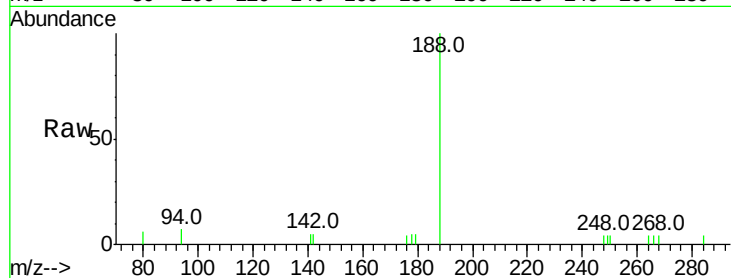
Tot Ion:188 Resp: 2639

Ion Ratio Lower Upper

188 100

94 6.6 11.3 16.9#

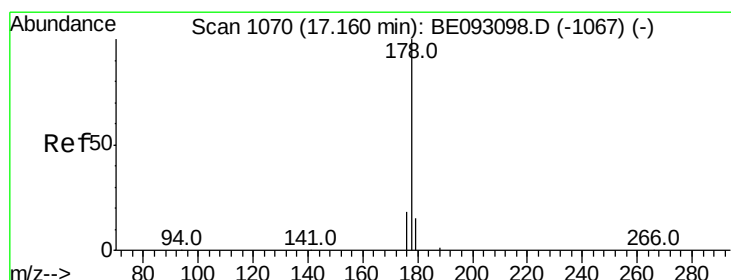
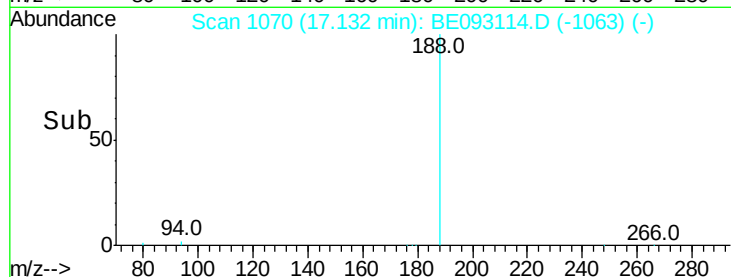
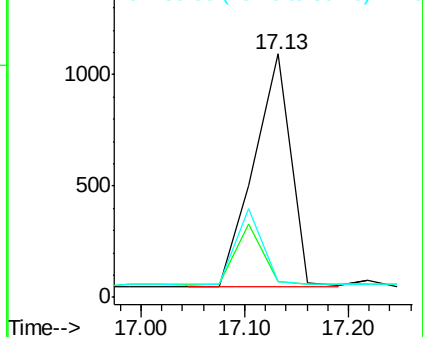
80 6.3 11.7 17.5#



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



#23

Phenanthrene

Concen: 0.01 ng

RT: 17.16 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

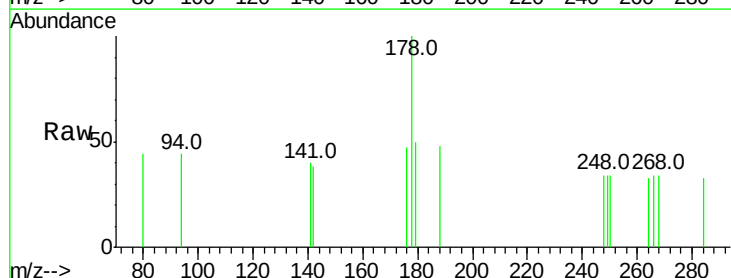
Tgt Ion:178 Resp: 152

Ion Ratio Lower Upper

178 100

176 21.7 15.0 22.4

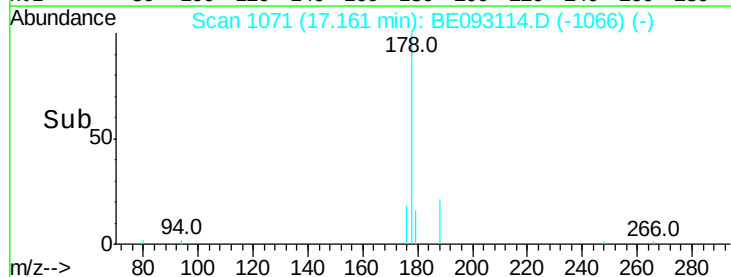
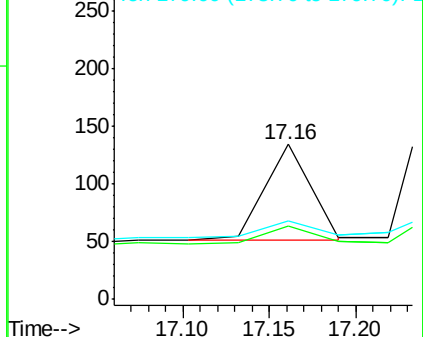
179 19.1 12.7 19.1

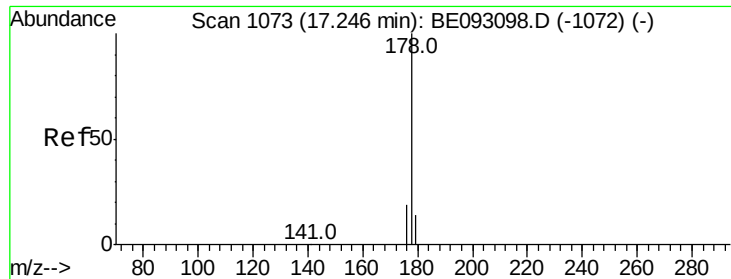


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

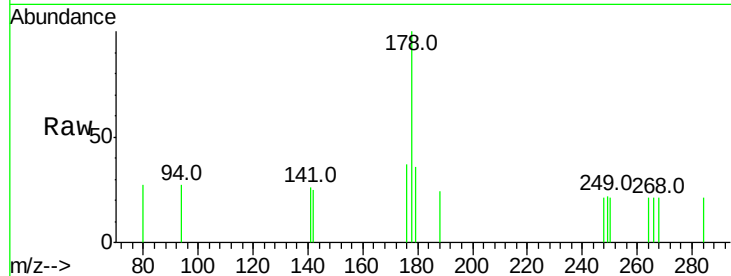




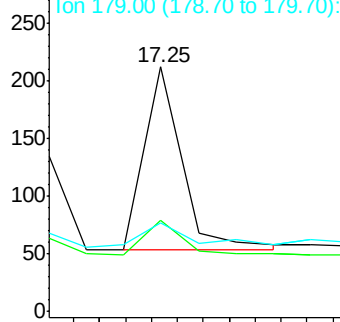
#24
 Anthracene
 Concen: 0.03 ng
 RT: 17.25 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BE093114.D
 Acq: 12 Jun 2017 22:48

Instrument :
 BNA_E
 ClientSampleId :

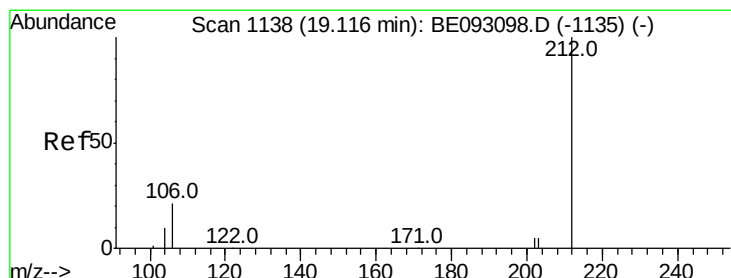
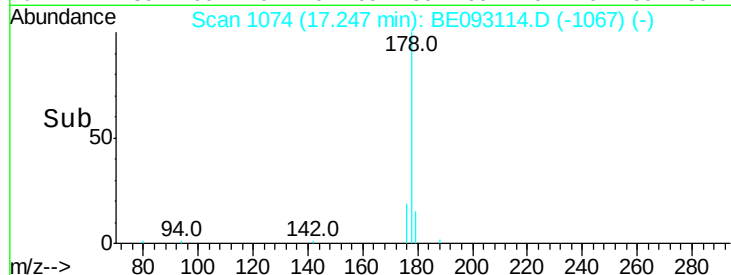
Tot Ion:178 Resp: 319
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.6 22.0
 179 19.4 12.0 18.0#



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

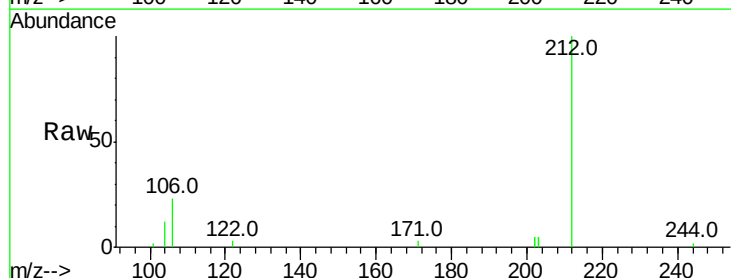


Time-->

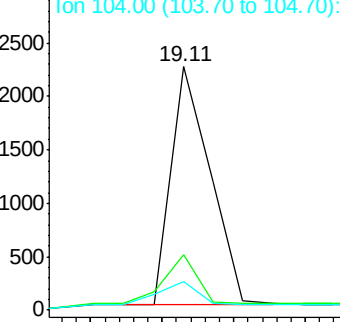


#25
 Fluoranthene-d10
 Concen: 0.50 ng
 RT: 19.11 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BE093114.D
 Acq: 12 Jun 2017 22:48

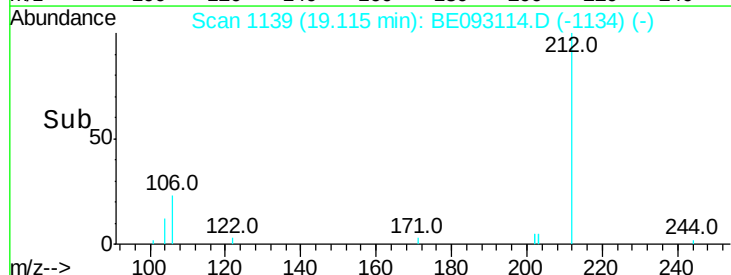
Tgt Ion:212 Resp: 4317
 Ion Ratio Lower Upper
 212 100
 106 17.2 0.0 0.0#
 104 9.3 0.0 0.0#

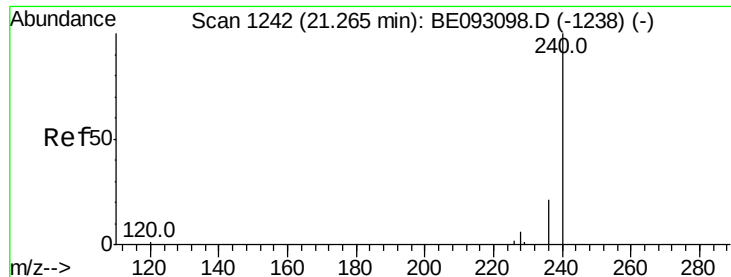


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E



Time-->





#27

Chrysene-d12

Concen: 0.40 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 :

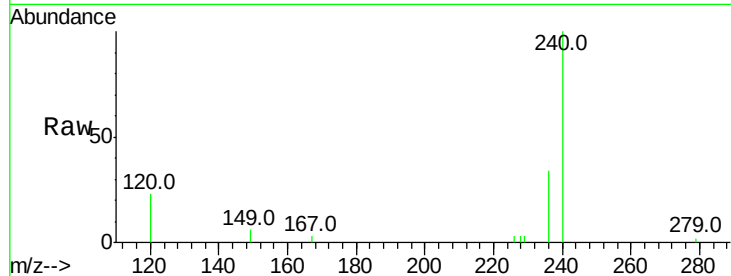
Tot Ion:240 Resp: 4340

Ion Ratio Lower Upper

240 100

120 22.6 4.6 7.0#

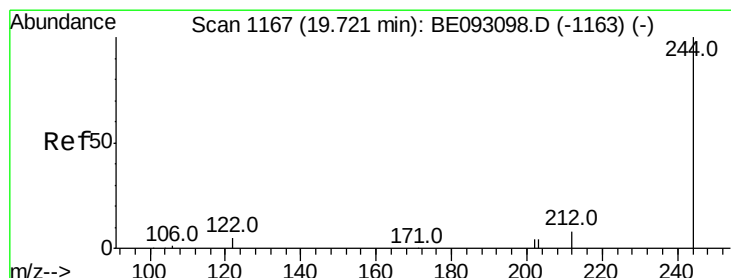
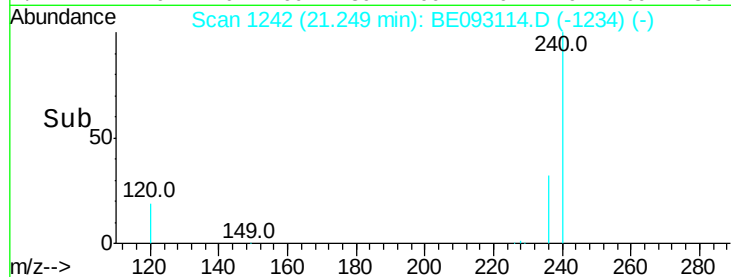
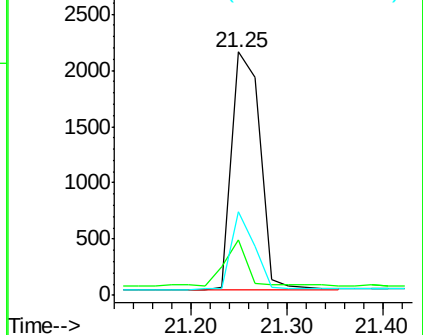
236 34.1 20.8 31.2#



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.52 ng

RT: 19.72 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

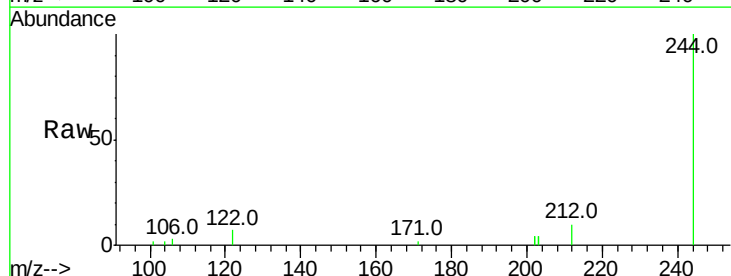
Tgt Ion:244 Resp: 4379

Ion Ratio Lower Upper

244 100

212 10.0 10.6 16.0#

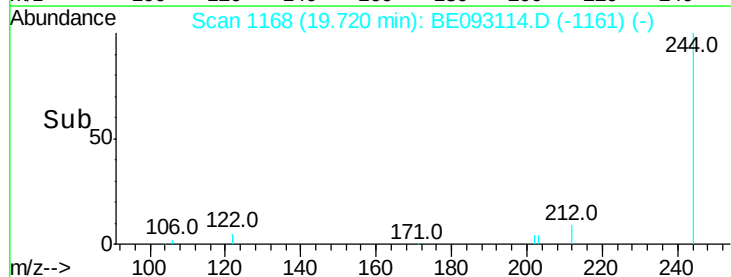
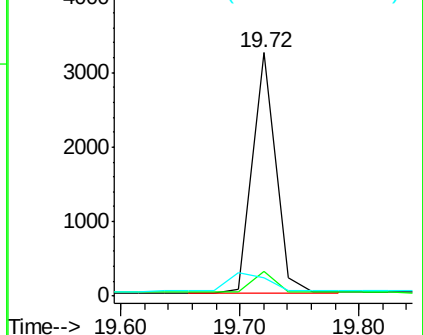
122 7.4 15.4 23.0#

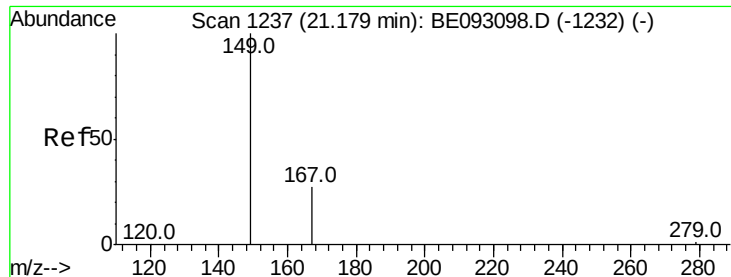


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.15 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 :

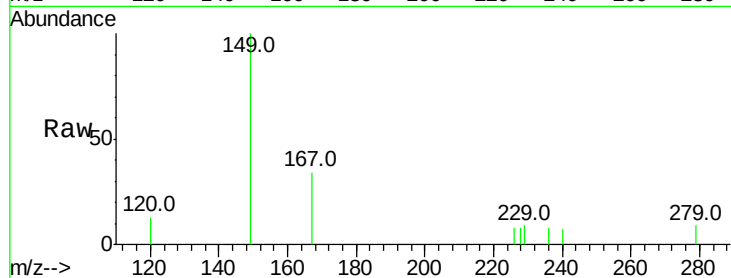
Tot Ion:149 Resp: 802

Ion Ratio Lower Upper

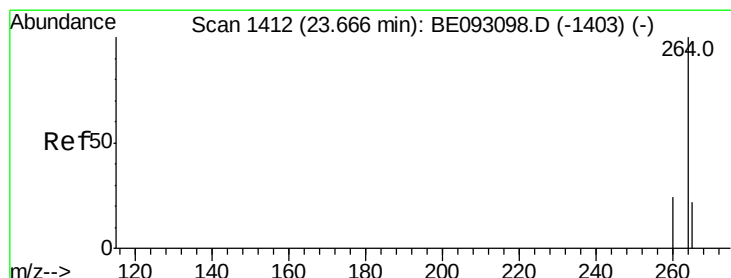
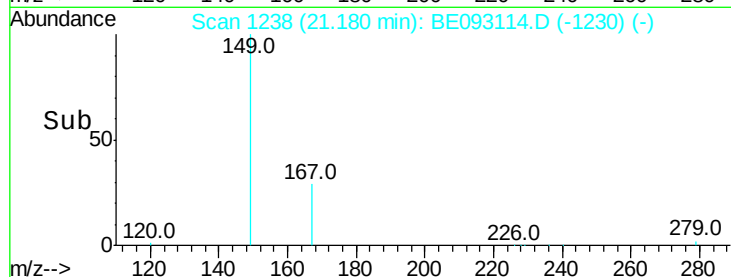
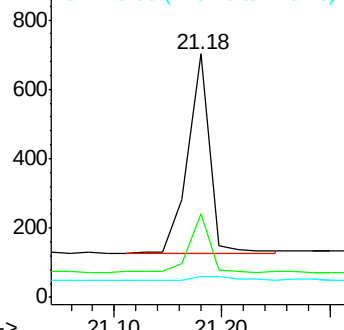
149 100

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: 0.40 ng

RT: 23.67 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BE093114.D

Acq: 12 Jun 2017 22:48

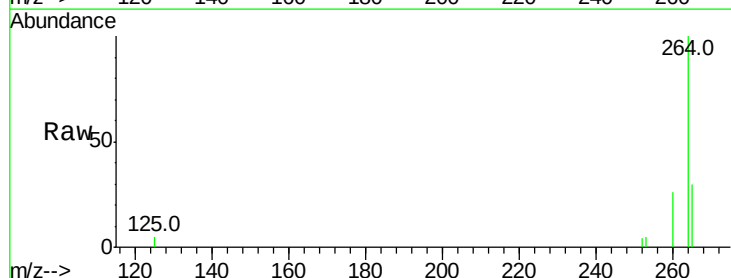
Tgt Ion:264 Resp: 3722

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

