

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051217\
 Data File : BE093022.D
 Acq On : 12 May 2017 17:39
 Operator : SJ/MA
 Sample : I3079-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SS043MW009-170509

Quant Time: May 16 19:39:16 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 14:48:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	992	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	4155	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	3269	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	5296	0.40	ng	0.00
27) Chrysene-d12	21.28	240	6572	0.40	ng	0.00
34) Perylene-d12	23.70	264	4970	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	884m	0.32	ng	0.00
5) Phenol-d6	6.95	99	473	0.14	ng	0.00
8) Nitrobenzene-d5	8.88	82	2670	0.82	ng	-0.02
11) 2-Methylnaphthalene-d10	12.11	152	2299	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	15.87	330	349	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	4373	0.34	ng	0.00
25) Fluoranthene-d10	19.14	212	4571	0.33	ng	-0.02
29) Terphenyl-d14	19.74	244	7236	0.62	ng	0.00

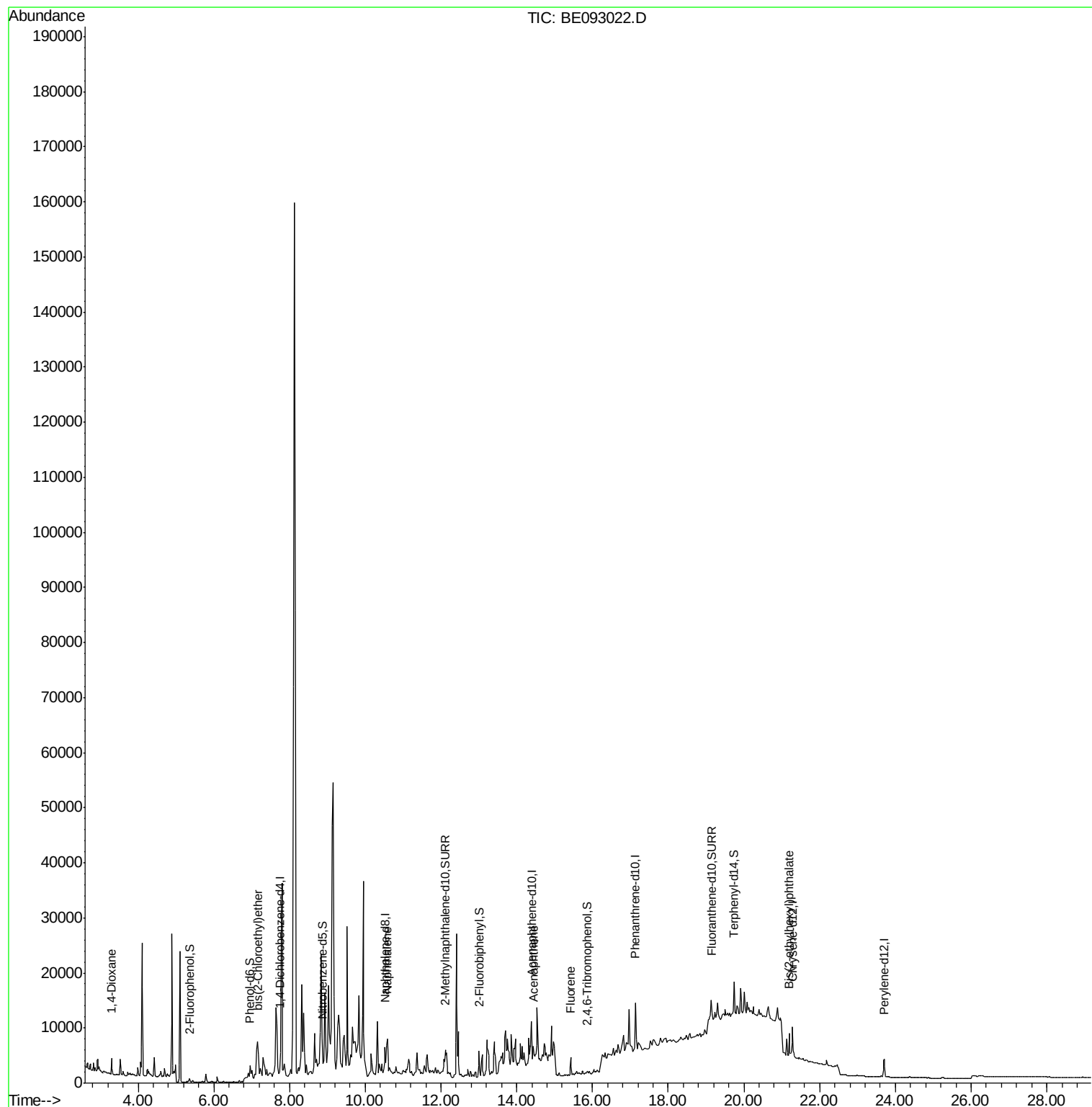
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	1223	0.61	ng	# 38
6) bis(2-Chloroethyl)ether	7.18	93	4872	1.46	ng	# 94
9) Naphthalene	10.58	128	10898	0.98	ng	# 69
17) Acenaphthene	14.44	154	586	0.06	ng	# 70
18) Fluorene	15.43	166	2151	0.17	ng	96
32) Bis(2-ethylhexyl)phthalate	21.20	149	4536	0.66	ng	96

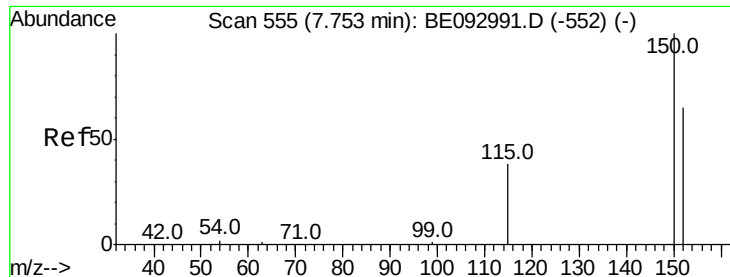
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051217\
Data File : BE093022.D
Acq On : 12 May 2017 17:39
Operator : SJ/MA
Sample : I3079-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SS043MW009-170509

Quant Time: May 16 19:39:16 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 14:48:08 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. -0.02 min

Lab File: BE093022.D

Acq: 12 May 2017 17:39

Instrument :

BNA_E

ClientSampleId :

SS043MW009-170509

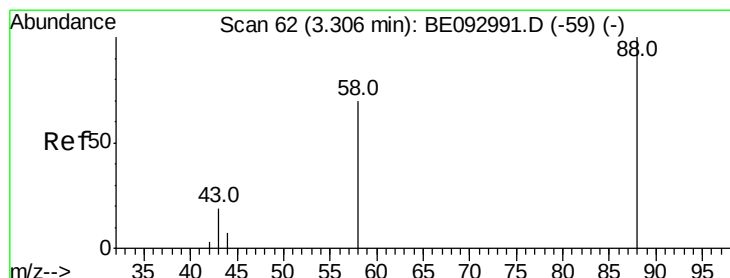
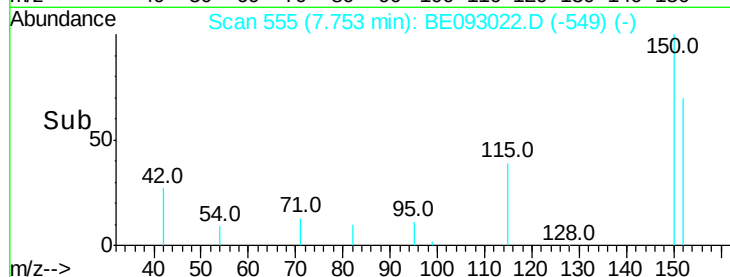
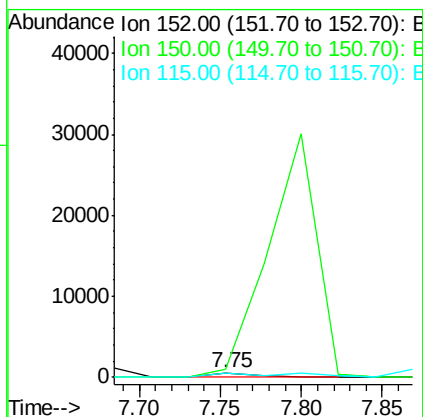
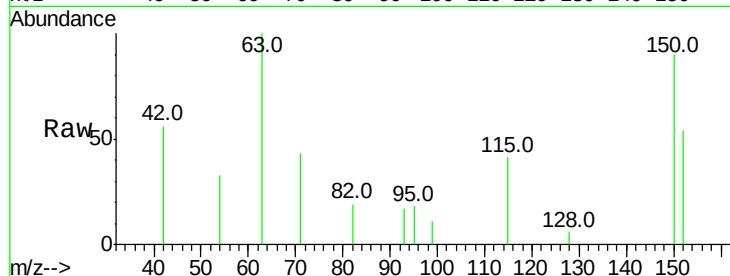
Tot Ion:152 Resp: 992

Ion Ratio Lower Upper

152 100

150 167.7 125.1 187.7

115 76.1 55.7 83.5



#2

1,4-Dioxane

Concen: 0.61 ng

RT: 3.31 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE093022.D

Acq: 12 May 2017 17:39

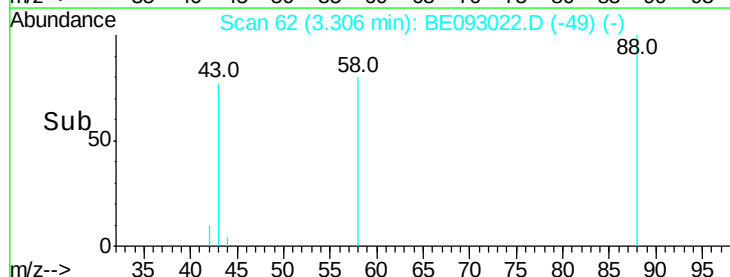
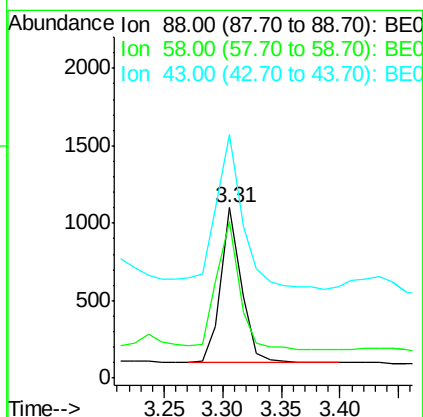
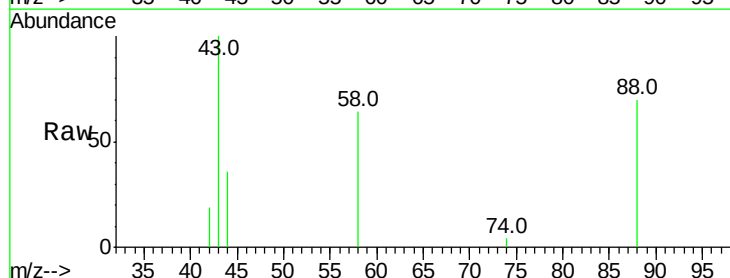
Tgt Ion: 88 Resp: 1223

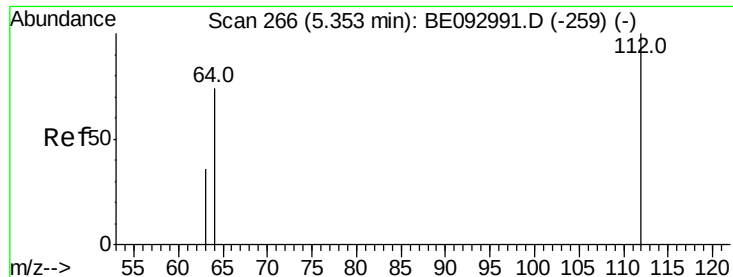
Ion Ratio Lower Upper

88 100

58 90.4 62.2 93.4

43 130.1 23.2 34.8#





#4

2-Fluorophenol

Concen: 0.32 ng/ml

RT: 5.36 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE093022.D

Acq: 12 May 2017 17:39

Instrument :

BNA_E

ClientSampleId :

SS043MW009-170509

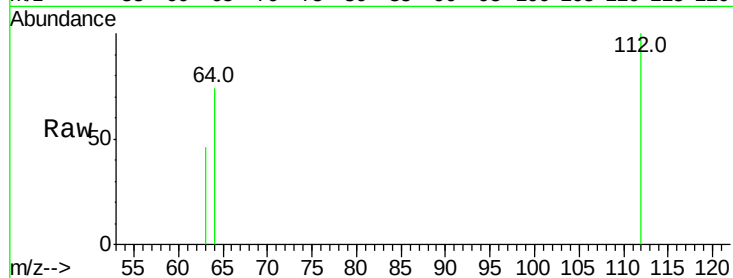
Tot Ion: 112 Resp: 884

Ion Ratio Lower Upper

112 100

64 36.1 56.4 84.6#

63 19.3 29.3 43.9#



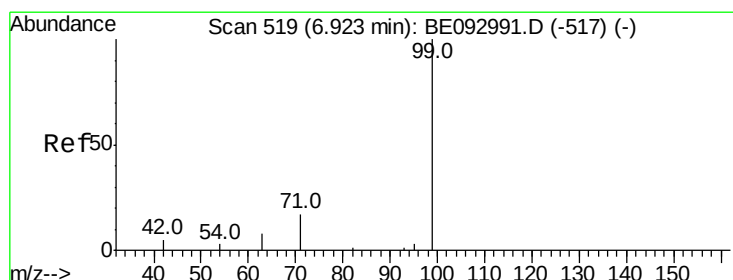
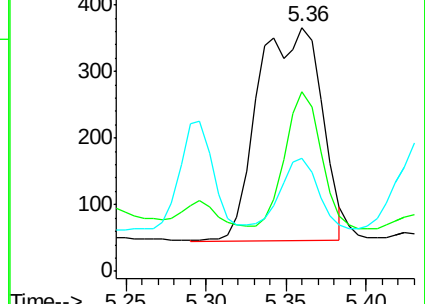
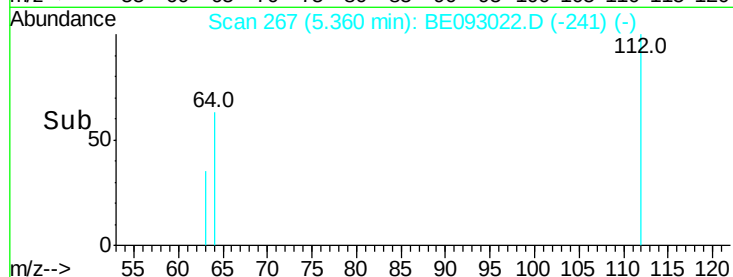
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.36

Time-->



#5

Phenol-d6

Concen: 0.14 ng

RT: 6.95 min Scan# 520

Delta R.T. 0.00 min

Lab File: BE093022.D

Acq: 12 May 2017 17:39

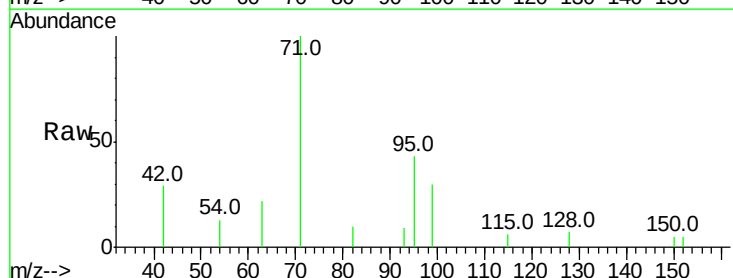
Tgt Ion: 99 Resp: 473

Ion Ratio Lower Upper

99 100

42 129.8 0.0 0.0#

71 408.2 0.0 0.0#



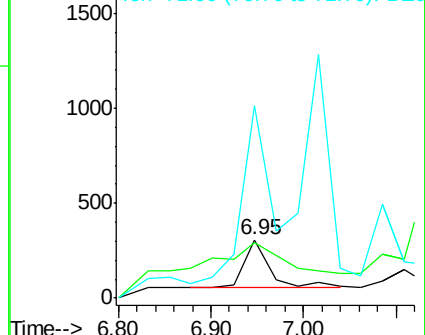
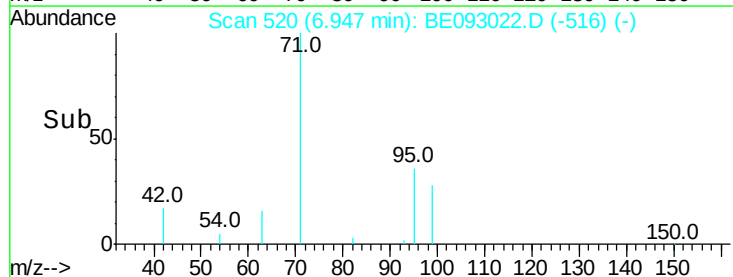
Abundance Ion 99.00 (98.70 to 99.70): BE0

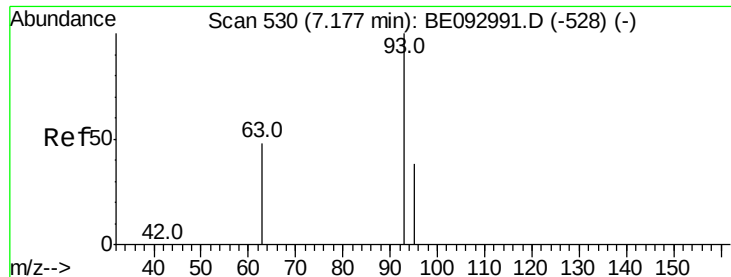
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

6.95

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 1.46 ng

RT: 7.18 min Scan# 530

Delta R.T. -0.02 min

Lab File: BE093022.D

Acq: 12 May 2017 17:39

Instrument :

BNA_E

ClientSampleId :

SS043MW009-170509

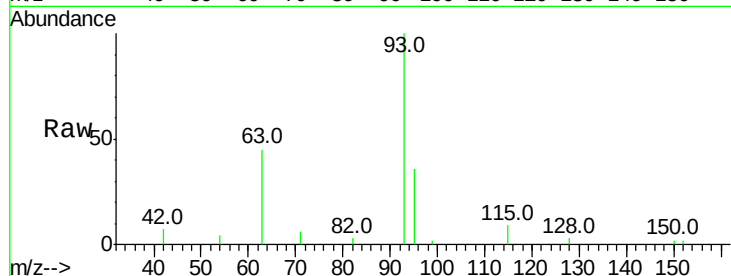
Tot Ion: 93 Resp: 4872

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

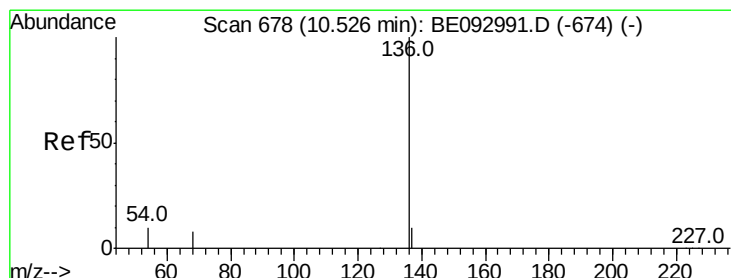
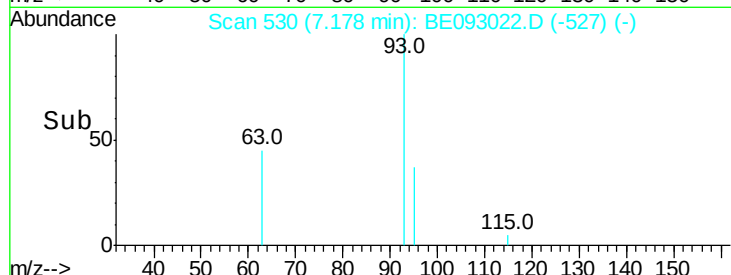
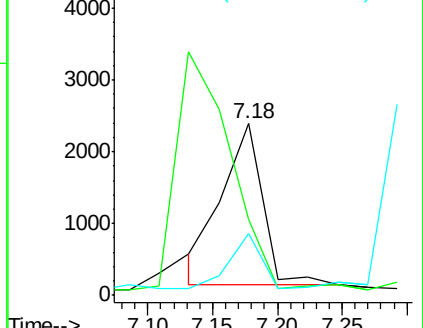
95 28.3 25.4 38.0



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093022.D

Acq: 12 May 2017 17:39

Tgt Ion: 136 Resp: 4155

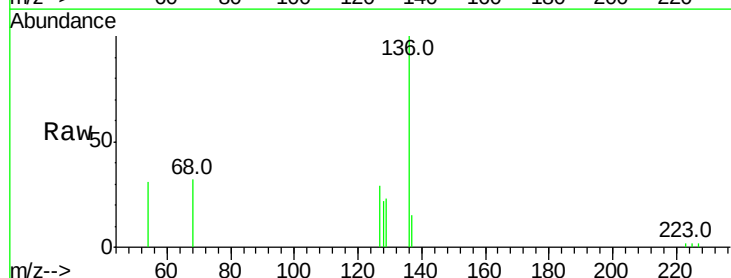
Ion Ratio Lower Upper

136 100

137 15.0 9.8 14.8#

54 30.6 10.3 15.5#

68 31.8 9.0 13.4#

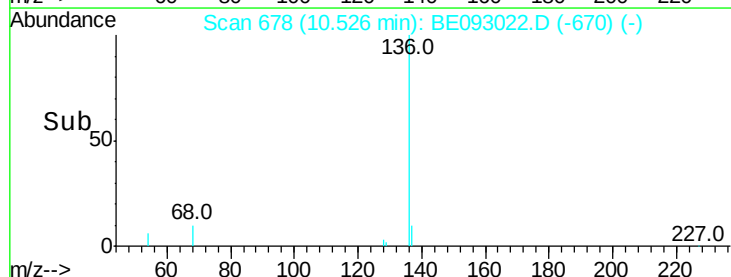
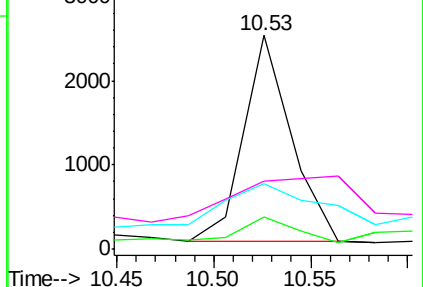


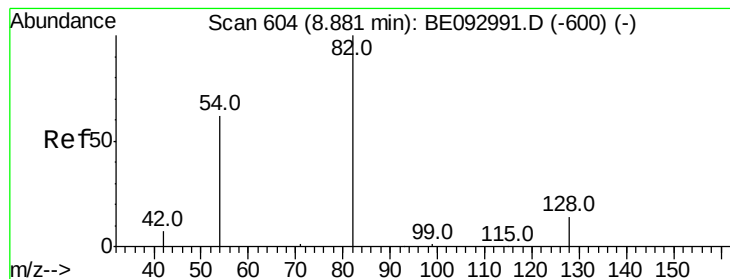
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.82 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE093022.D

Acq: 12 May 2017 17:39

Instrument :

BNA_E

ClientSampleId :

SS043MW009-170509

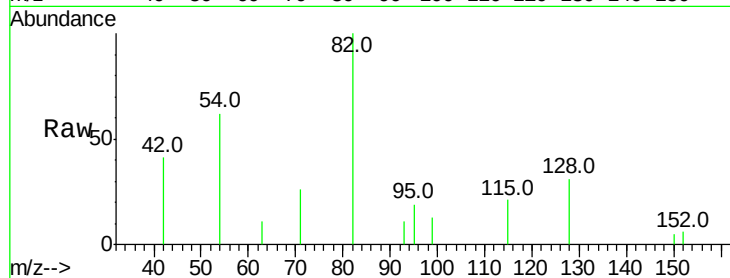
Tot Ion: 82 Resp: 2670

Ion Ratio Lower Upper

82 100

128 31.3 17.0 25.4#

54 62.1 53.8 80.6

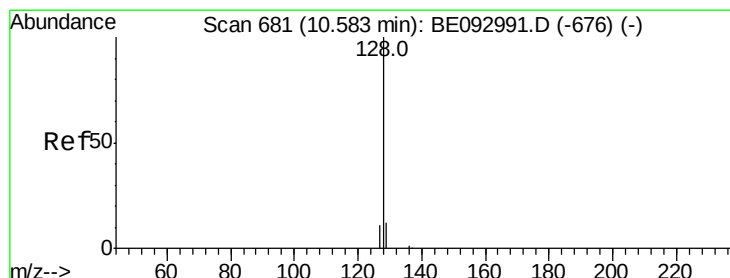
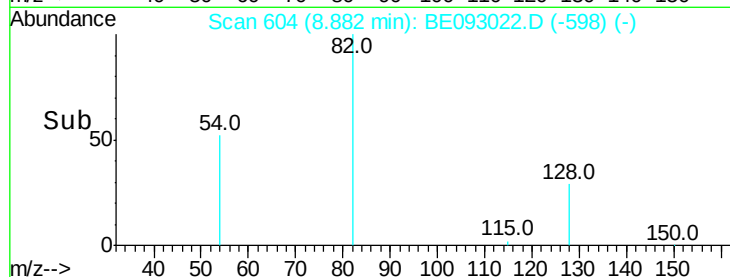


Abundance Ion 82.00 (81.70 to 82.70): BE092991.D (-600) (-)

Ion 128.00 (127.70 to 128.70): BE092991.D (-600) (-)

Ion 54.00 (53.70 to 54.70): BE092991.D (-600) (-)

Time-->



#9

Naphthalene

Concen: 0.98 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE093022.D

Acq: 12 May 2017 17:39

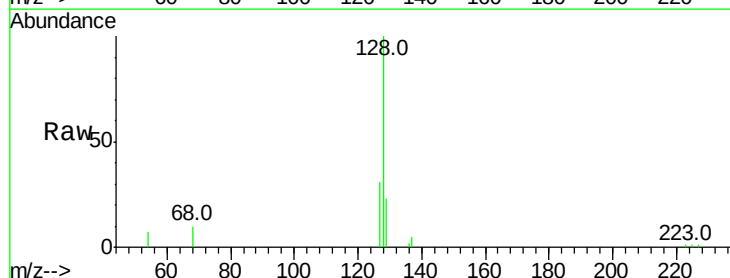
Tgt Ion: 128 Resp: 10898

Ion Ratio Lower Upper

128 100

129 22.9 11.4 17.0#

127 30.6 11.2 16.8#

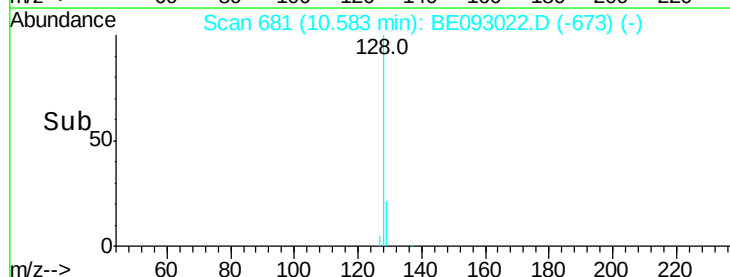


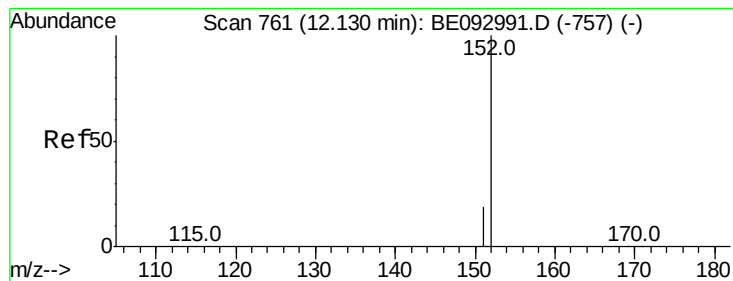
Abundance Ion 128.00 (127.70 to 128.70): BE092991.D (-676) (-)

Ion 129.00 (128.70 to 129.70): BE092991.D (-676) (-)

Ion 127.00 (126.70 to 127.70): BE092991.D (-676) (-)

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.39 ng

RT: 12.11 min Scan# 760

Delta R.T. -0.02 min

Lab File: BE093022.D

Acq: 12 May 2017 17:39

Instrument :

BNA_E

ClientSampleId :

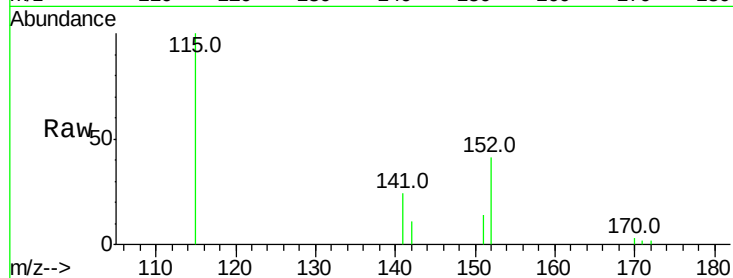
SS043MW009-170509

Tot Ion:152 Resp: 2299

Ion Ratio Lower Upper

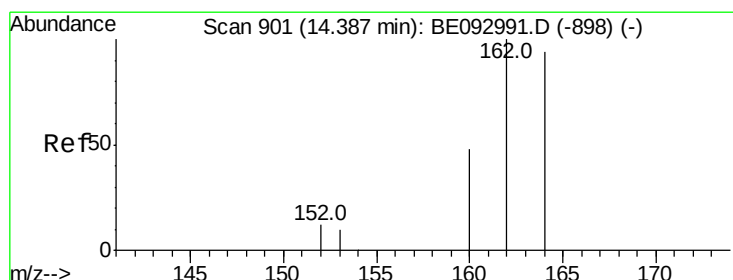
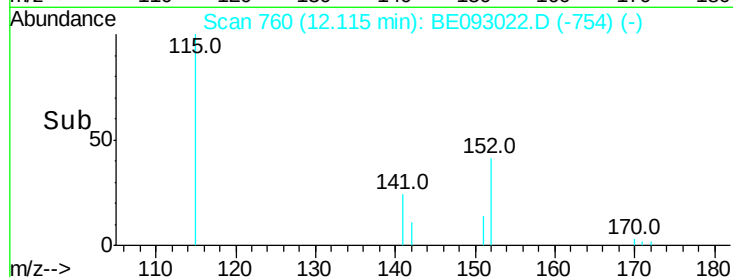
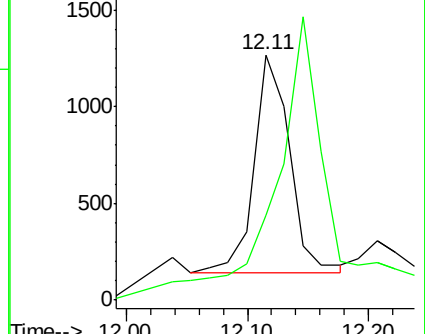
152 100

151 0.0 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: 14.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE093022.D

Acq: 12 May 2017 17:39

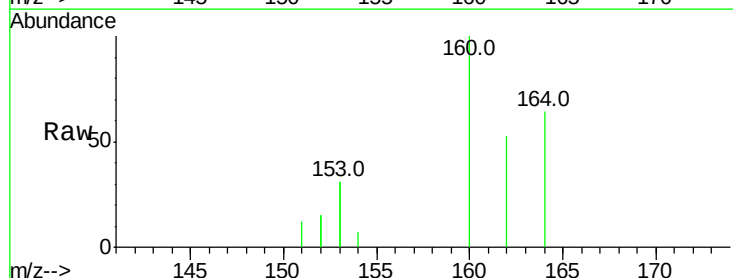
Tgt Ion:164 Resp: 3269

Ion Ratio Lower Upper

164 100

162 81.6 84.6 127.0#

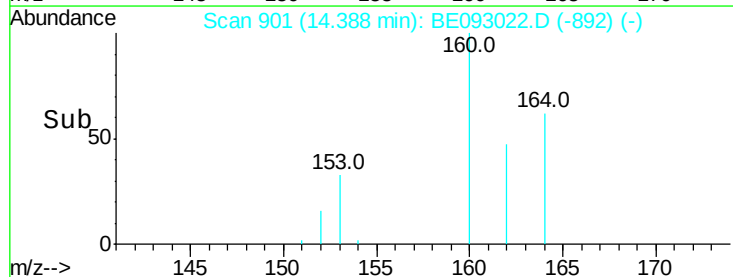
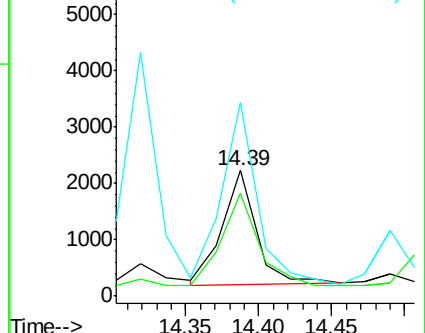
160 155.1 41.8 62.6#

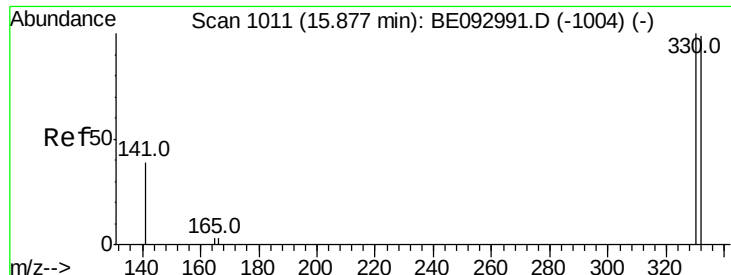


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

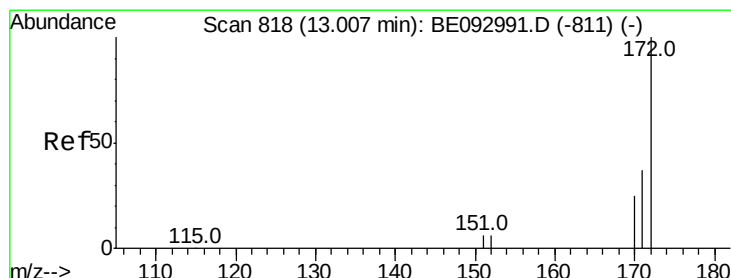
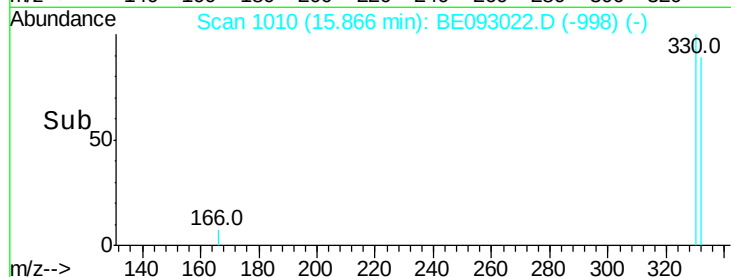
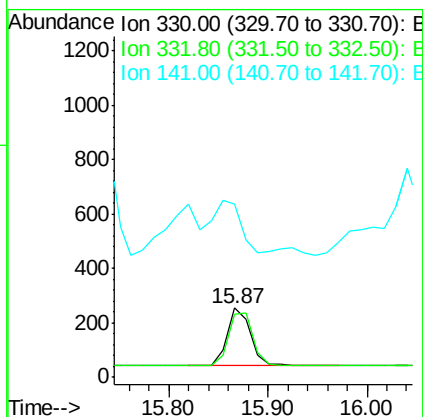
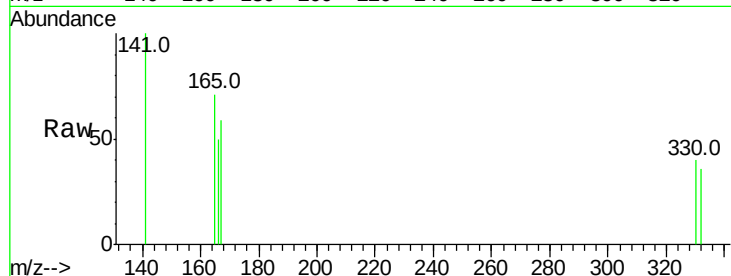




#14
 2,4,6-Tribromophenol
 Concen: 0.39 ng
 RT: 15.87 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BE093022.D
 Acq: 12 May 2017 17:39

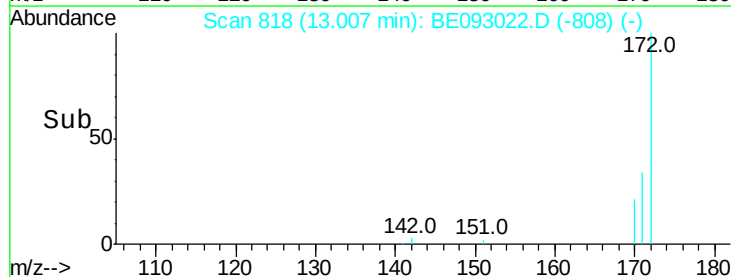
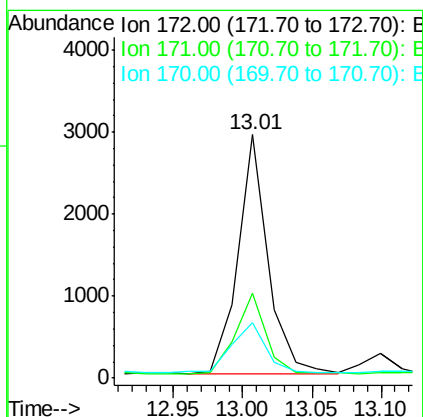
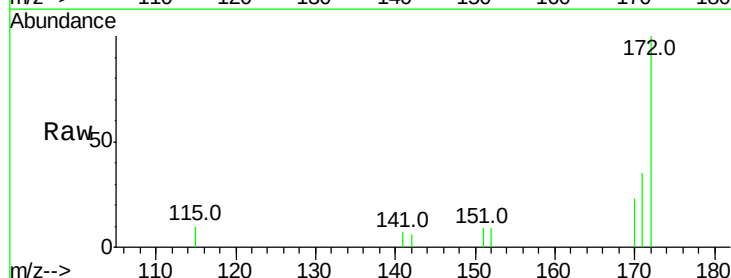
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW009-170509

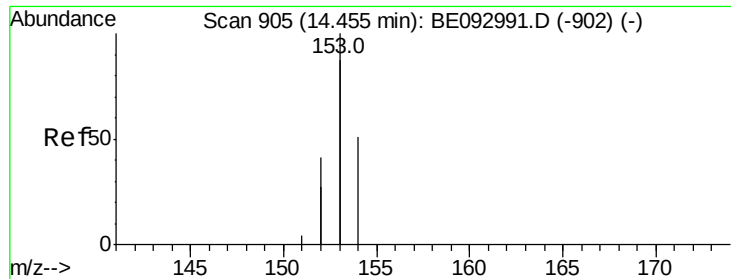
Tot Ion:330 Resp: 349
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.7 116.5#
 141 120.9 56.2 84.4#



#15
 2-Fluorobiphenyl
 Concen: 0.34 ng
 RT: 13.01 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BE093022.D
 Acq: 12 May 2017 17:39

Tgt Ion:172 Resp: 4373
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.8 44.6
 170 22.8 20.7 31.1

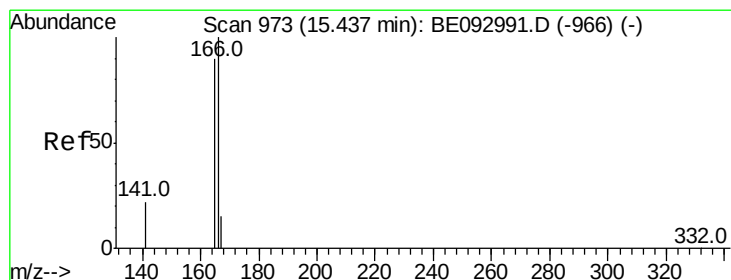
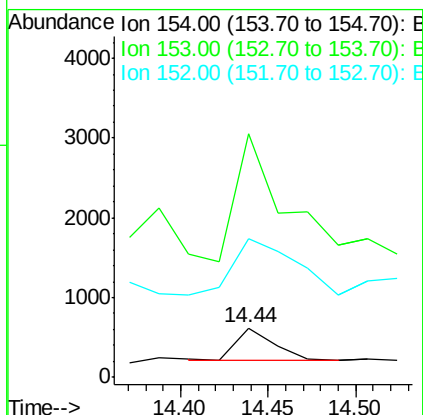
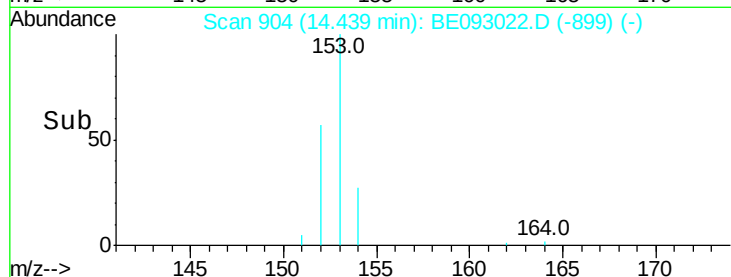
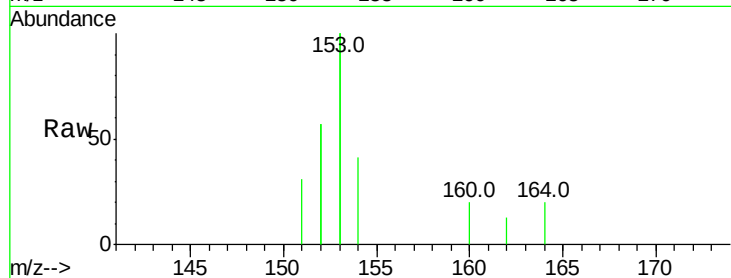




#17
Acenaphthene
Concen: 0.06 ng
RT: 14.44 min Scan# 904
Delta R.T. -0.02 min
Lab File: BE093022.D
Acq: 12 May 2017 17:39

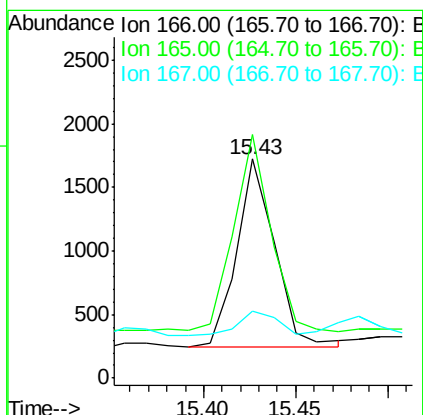
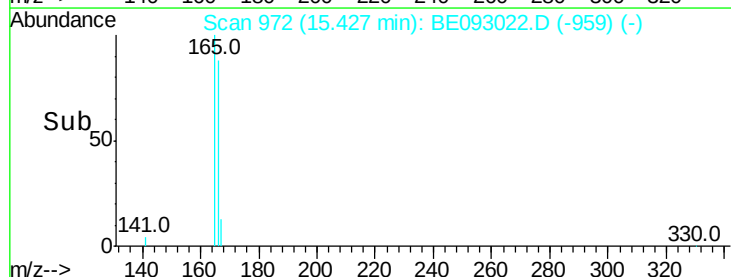
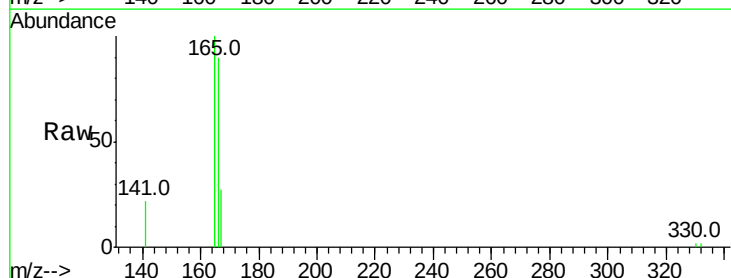
Instrument :
BNA_E
ClientSampleId :
SS043MW009-170509

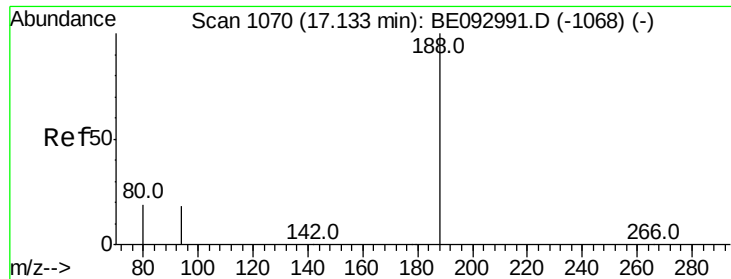
Tot Ion:154 Resp: 586
Ion Ratio Lower Upper
154 100
153 529.9 367.8 551.6
152 297.1 188.2 282.2#



#18
Fluorene
Concen: 0.17 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE093022.D
Acq: 12 May 2017 17:39

Tgt Ion:166 Resp: 2151
Ion Ratio Lower Upper
166 100
165 102.0 78.6 117.8
167 12.2 11.1 16.7





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE093022.D

Acq: 12 May 2017 17:39

Instrument :

BNA_E

ClientSampleId :

SS043MW009-170509

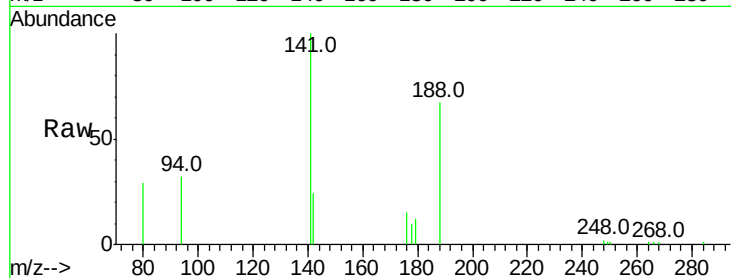
Tot Ion:188 Resp: 5296

Ion Ratio Lower Upper

188 100

94 46.9 11.3 16.9#

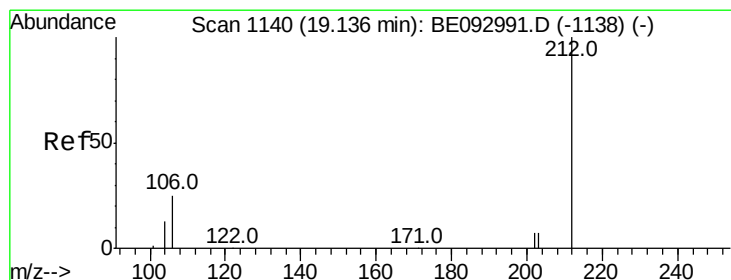
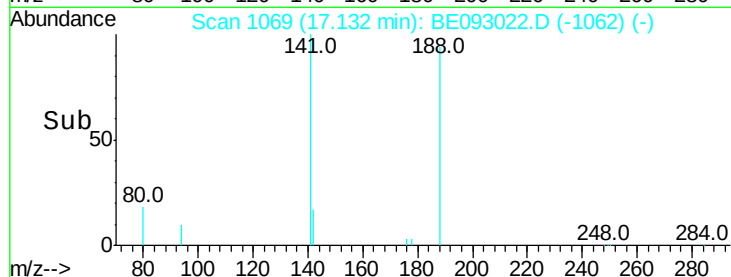
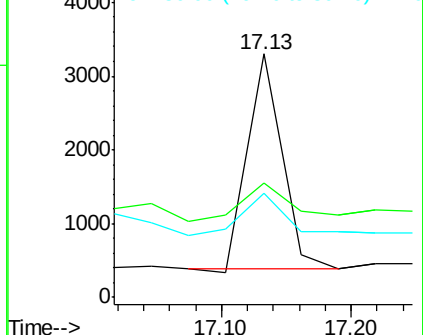
80 42.9 11.7 17.5#



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



#25

Fluoranthene-d10

Concen: 0.33 ng

RT: 19.14 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BE093022.D

Acq: 12 May 2017 17:39

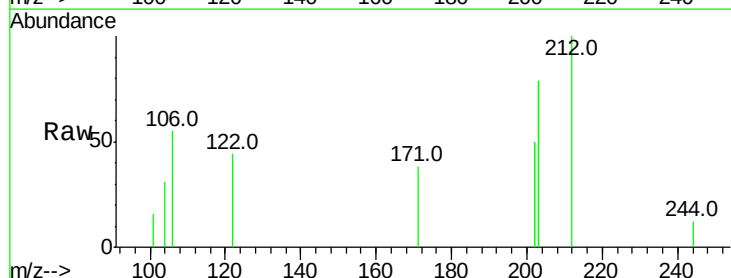
Tgt Ion:212 Resp: 4571

Ion Ratio Lower Upper

212 100

106 20.0 0.0 0.0#

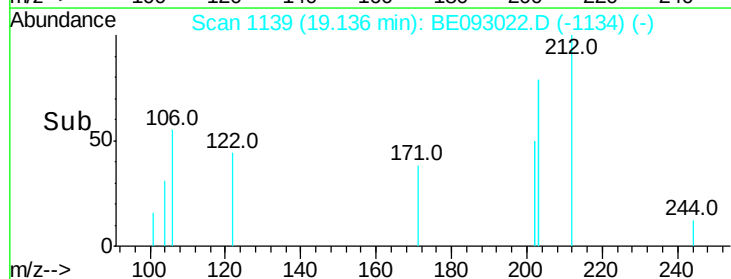
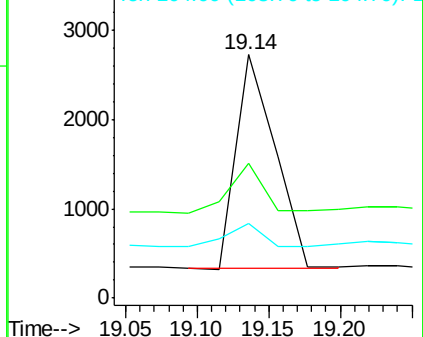
104 10.2 0.0 0.0#

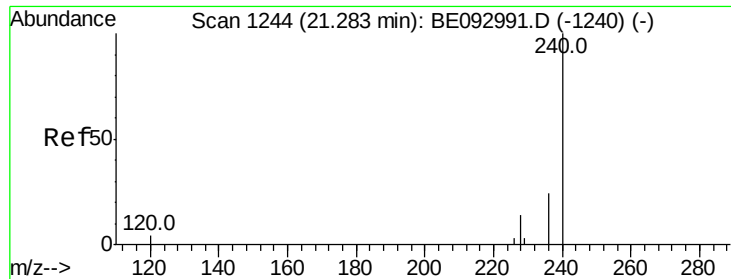


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

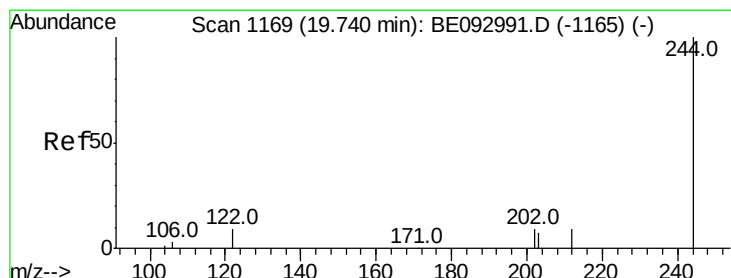
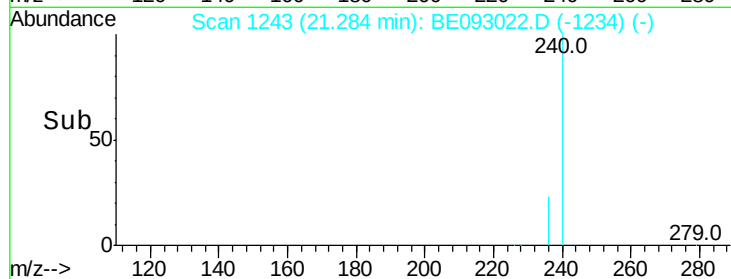
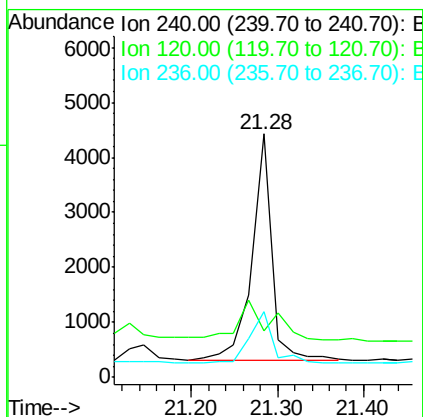
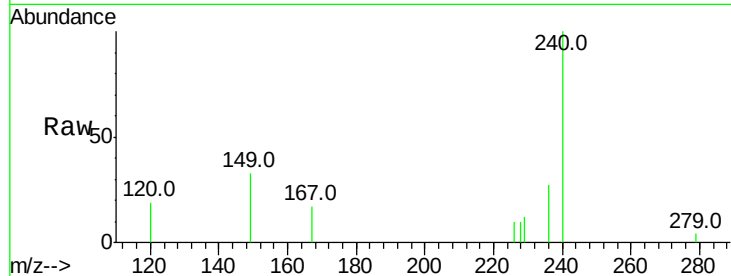




#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.28 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BE093022.D
 Acq: 12 May 2017 17:39

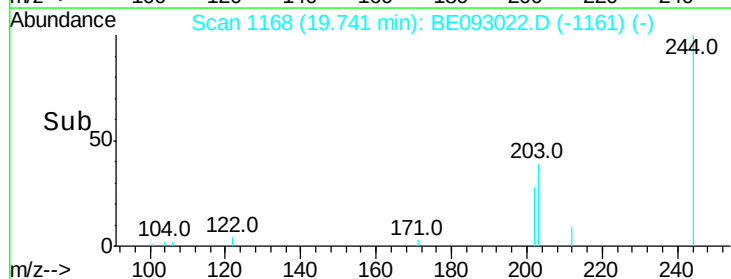
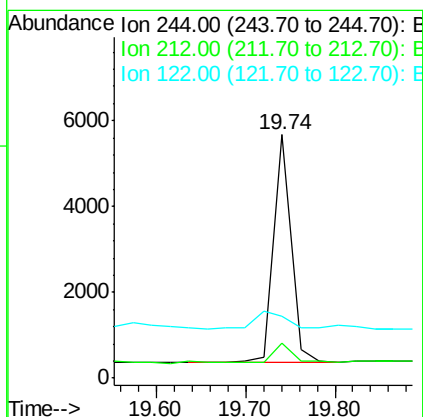
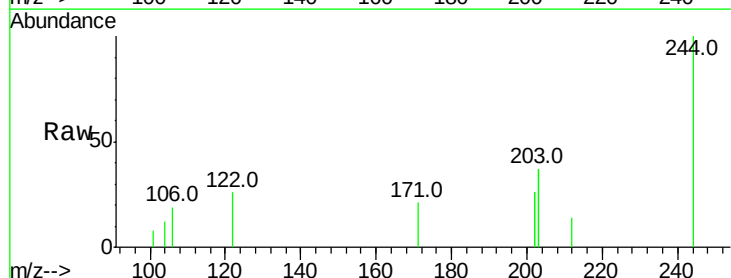
Instrument :
 BNA_E
 ClientSampleId :
 SS043MW009-170509

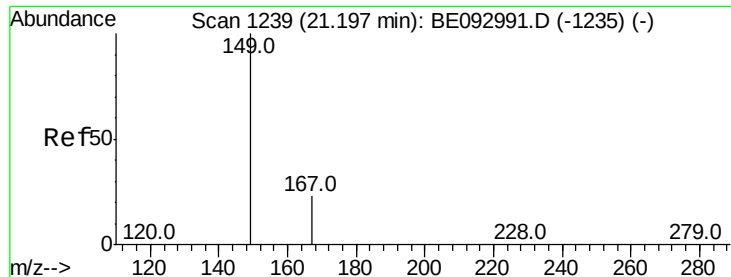
Tot Ion:240 Resp: 6572
 Ion Ratio Lower Upper
 240 100
 120 19.3 4.6 7.0#
 236 27.2 20.8 31.2



#29
 Terphenyl-d14
 Concen: 0.62 ng
 RT: 19.74 min Scan# 1168
 Delta R.T. 0.01 min
 Lab File: BE093022.D
 Acq: 12 May 2017 17:39

Tgt Ion:244 Resp: 7236
 Ion Ratio Lower Upper
 244 100
 212 14.3 10.6 16.0
 122 25.5 15.4 23.0#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.66 ng

RT: 21.20 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BE093022.D

Acq: 12 May 2017 17:39

Instrument :

BNA_E

ClientSampleId :

SS043MW009-170509

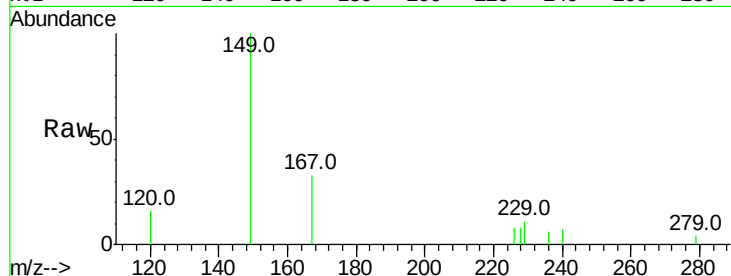
Tot Ion:149 Resp: 4536

Ion Ratio Lower Upper

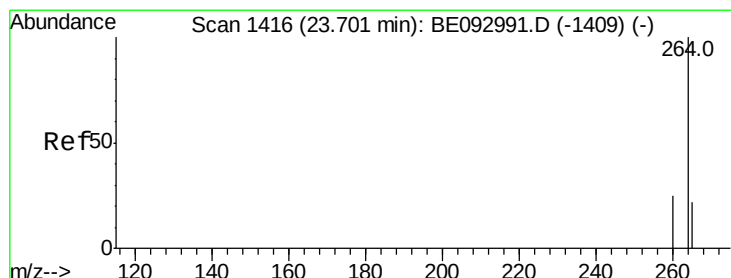
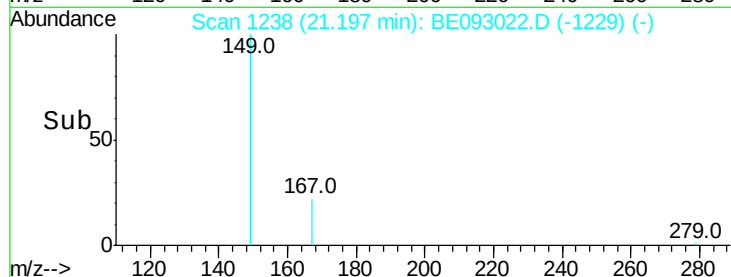
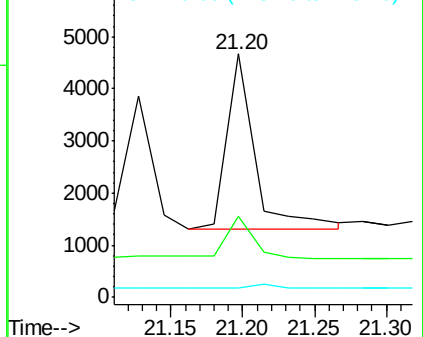
149 100

167 22.9 20.1 30.1

279 2.7 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: 23.70 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BE093022.D

Acq: 12 May 2017 17:39

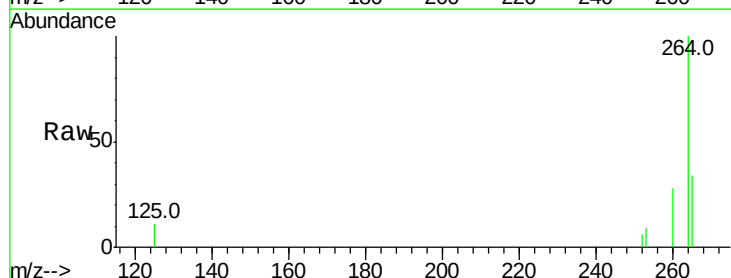
Tgt Ion:264 Resp: 4970

Ion Ratio Lower Upper

264 100

260 27.6 21.0 31.4

265 33.6 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

