

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061217\
 Data File : BE093119.D
 Acq On : 13 Jun 2017 1:53
 Operator : SJ/MA
 Sample : I3460-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 13 02:29:18 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	603	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	3034	0.40	ng	-0.02
13) Acenaphthene-d10	14.37	164	2002	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3777	0.40	ng	0.00
27) Chrysene-d12	21.26	240	4965	0.40	ng	0.00
34) Perylene-d12	23.67	264	4210	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	380	0.21	ng	0.00
5) Phenol-d6	6.90	99	332	0.13	ng	0.00
8) Nitrobenzene-d5	8.88	82	1097	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1995	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	350	0.77	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	3839	0.45	ng	0.00
25) Fluoranthene-d10	19.12	212	5565	0.45	ng	0.00
29) Terphenyl-d14	19.72	244	5265	0.55	ng	0.00

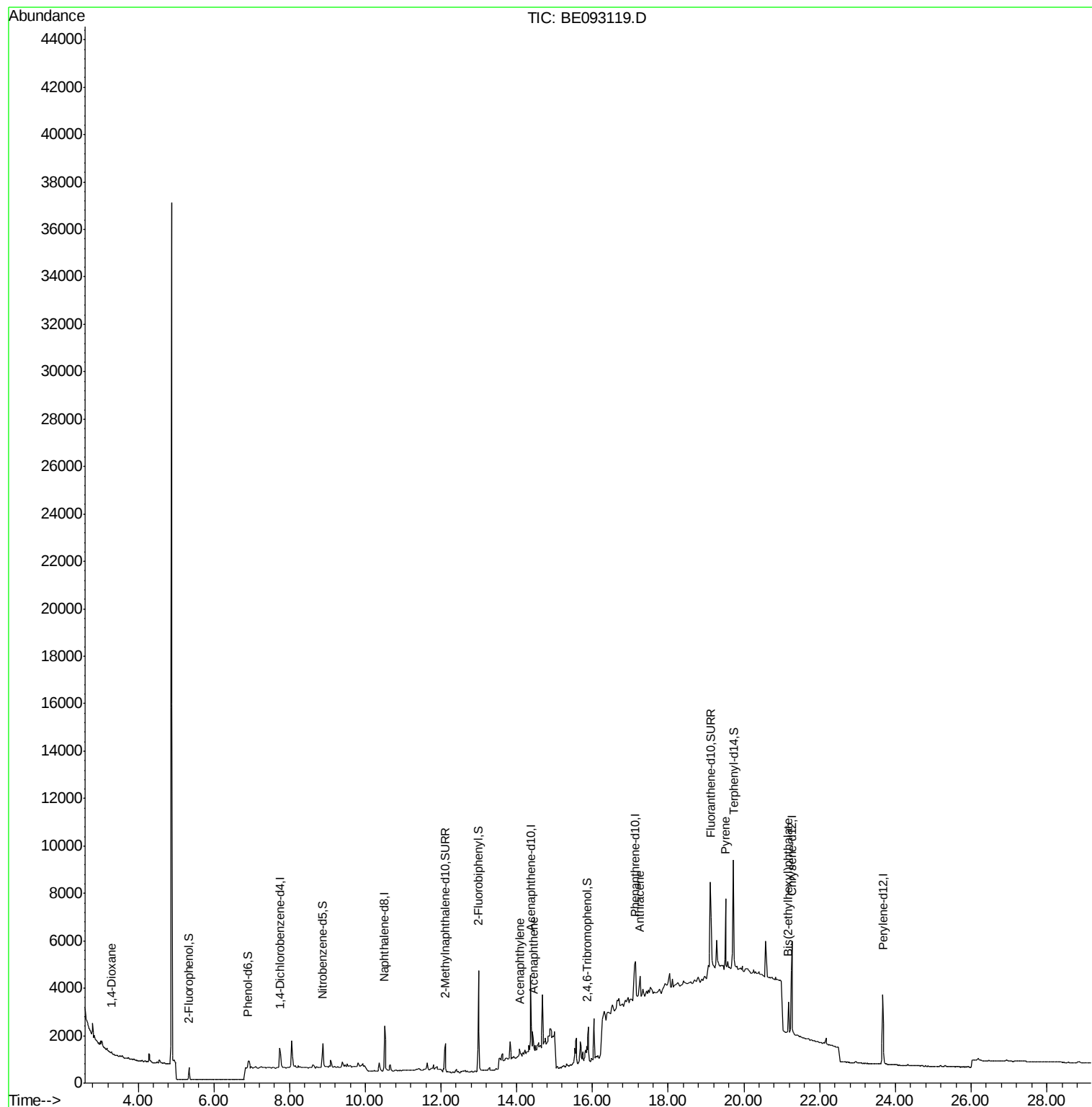
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	44	0.03	ng	# 20
16) Acenaphthylene	14.08	152	697	0.02	ng	# 52
17) Acenaphthene	14.44	154	194	0.03	ng	80
24) Anthracene	17.25	178	1400	0.10	ng	# 72
28) Pyrene	19.51	202	3737	0.06	ng	# 92
32) Bis(2-ethylhexyl)phthalate	21.18	149	1283	0.22	ng	95

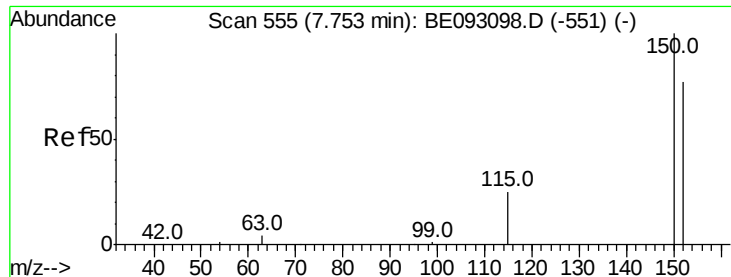
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093119.D

Acq: 13 Jun 2017 1:53

Instrument :

BNA_E

ClientSampleId :

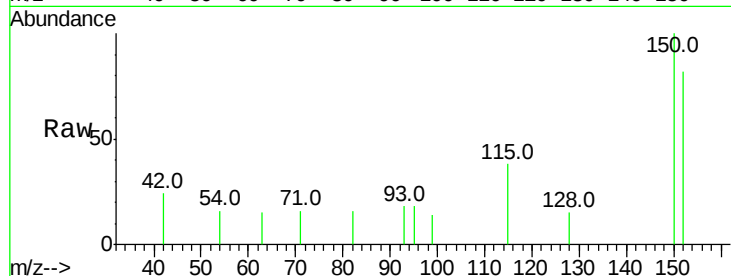
Tot Ion:152 Resp: 603

Ion Ratio Lower Upper

152 100

150 121.3 125.1 187.7#

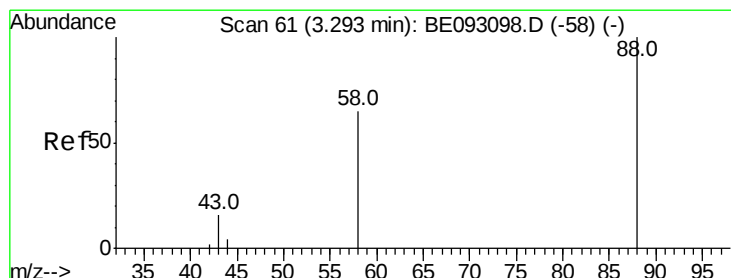
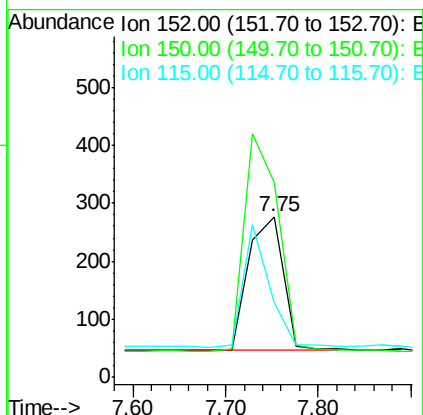
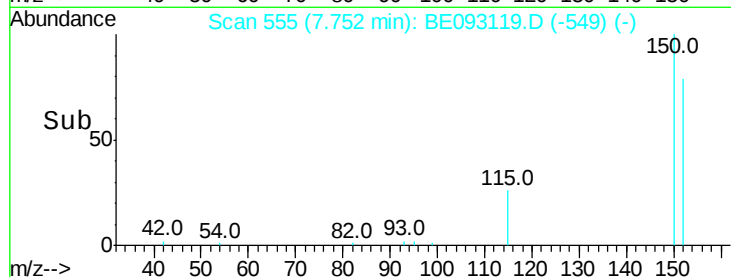
115 46.2 55.7 83.5#



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: 3.29 min Scan# 61

Delta R.T. -0.00 min

Lab File: BE093119.D

Acq: 13 Jun 2017 1:53

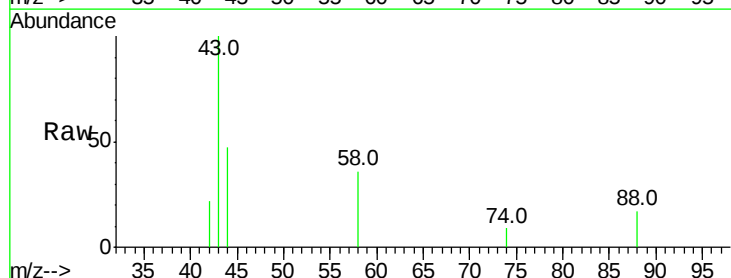
Tgt Ion: 88 Resp: 44

Ion Ratio Lower Upper

88 100

58 0.0 62.2 93.4#

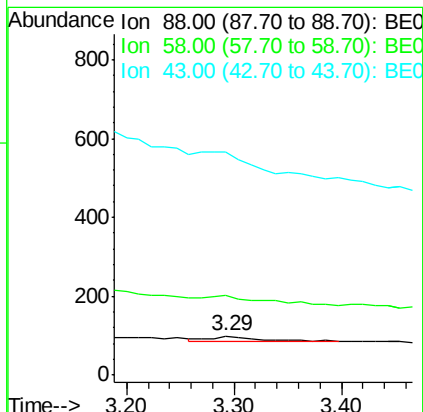
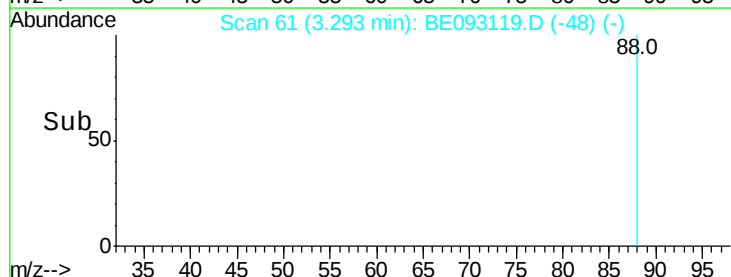
43 0.0 23.2 34.8#

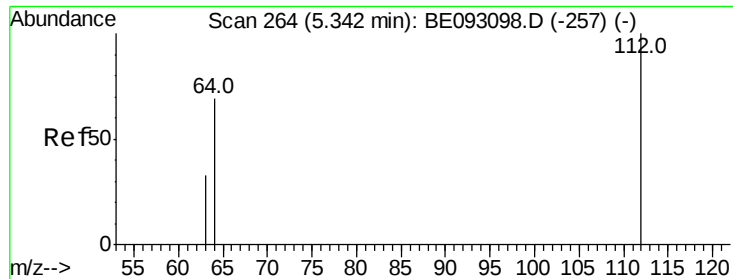


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.21 ng

RT: 5.35 min Scan# 265

Delta R.T. 0.01 min

Lab File: BE093119.D

Acq: 13 Jun 2017 1:53

Instrument :

BNA_E

ClientSampleId :

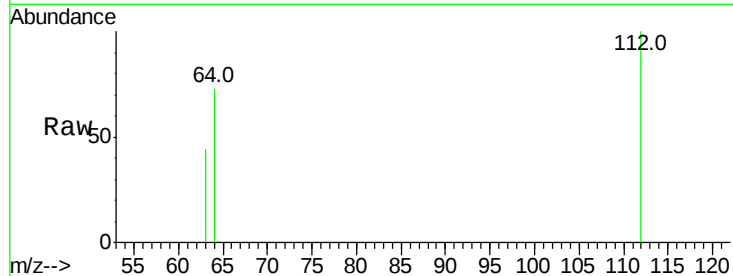
Tot Ion:112 Resp: 380

Ion Ratio Lower Upper

112 100

64 71.1 56.4 84.6

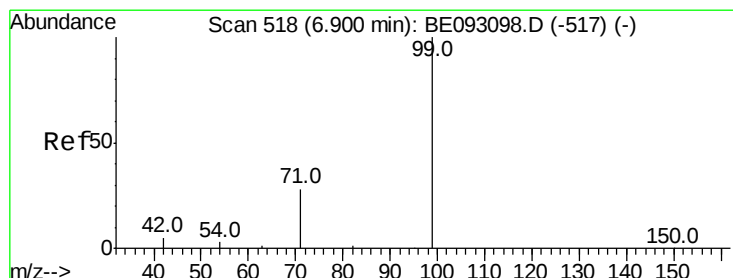
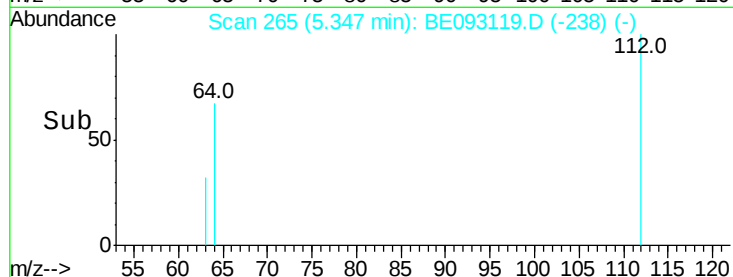
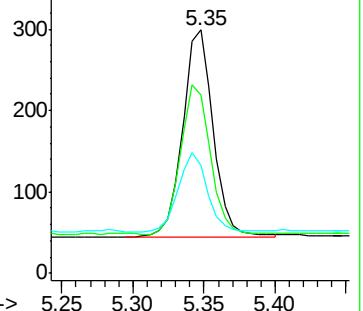
63 36.3 29.3 43.9



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

Phenol-d6

Concen: 0.13 ng

RT: 6.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE093119.D

Acq: 13 Jun 2017 1:53

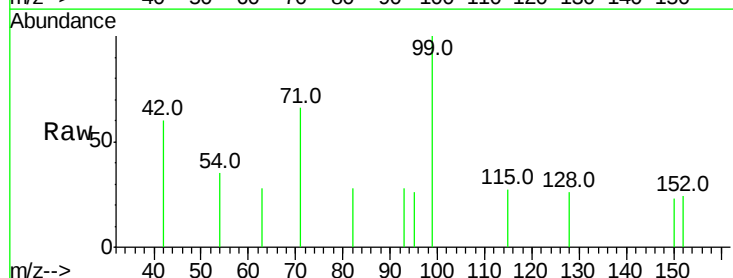
Tgt Ion: 99 Resp: 332

Ion Ratio Lower Upper

99 100

42 34.9 0.0 0.0#

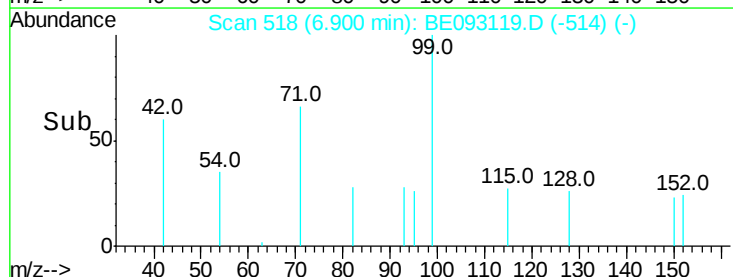
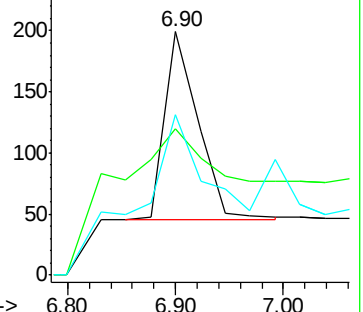
71 58.1 0.0 0.0#

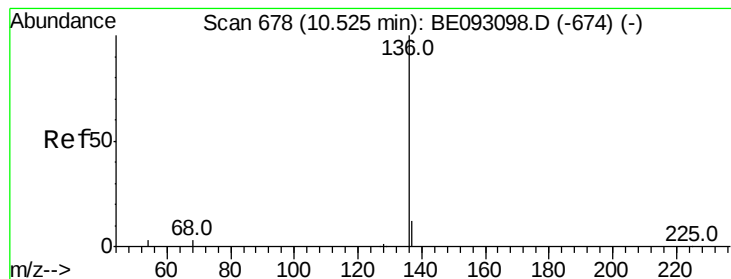


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE093119.D

Acq: 13 Jun 2017 1:53

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3034

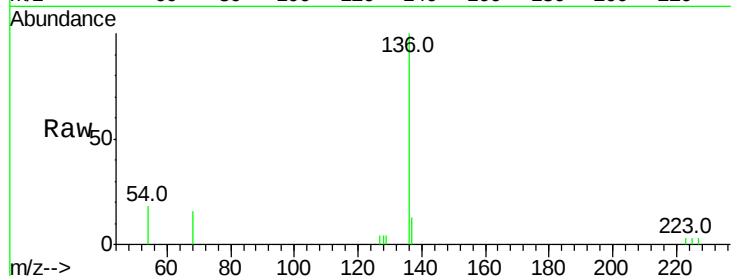
Ion Ratio Lower Upper

136 100

137 13.1 9.8 14.8

54 18.3 10.3 15.5#

68 15.9 9.0 13.4#

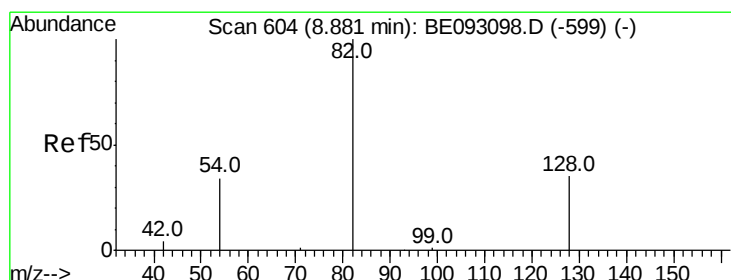
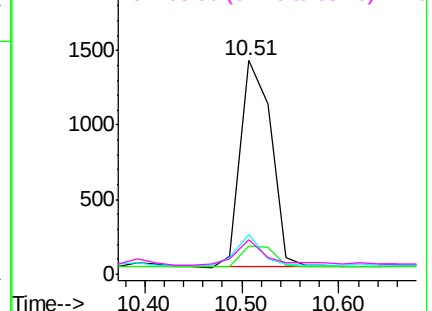
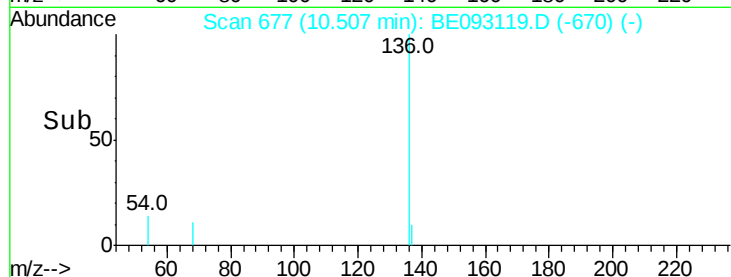


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.45 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE093119.D

Acq: 13 Jun 2017 1:53

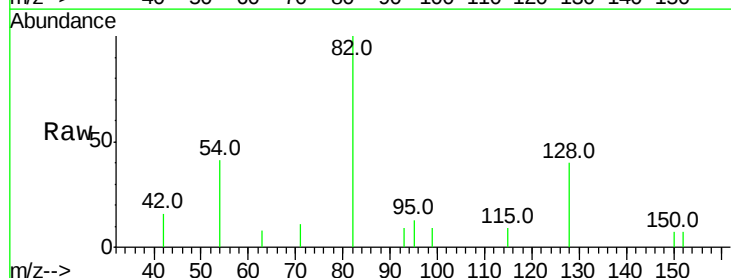
Tgt Ion: 82 Resp: 1097

Ion Ratio Lower Upper

82 100

128 39.6 17.0 25.4#

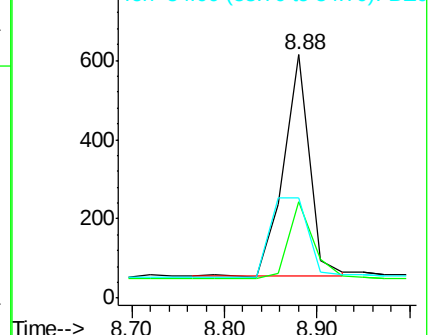
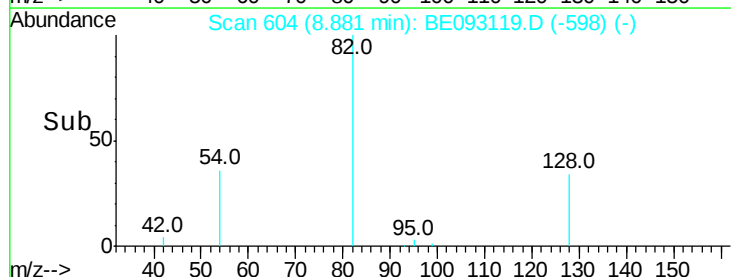
54 41.4 53.8 80.6#

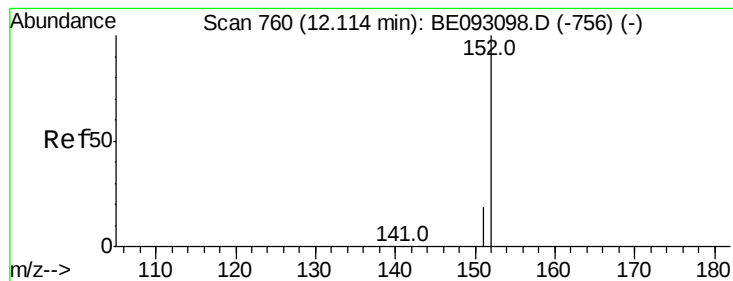


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

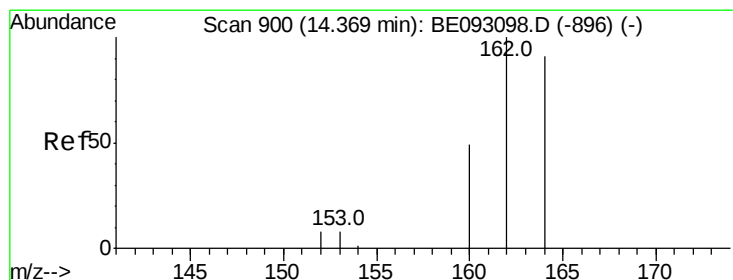
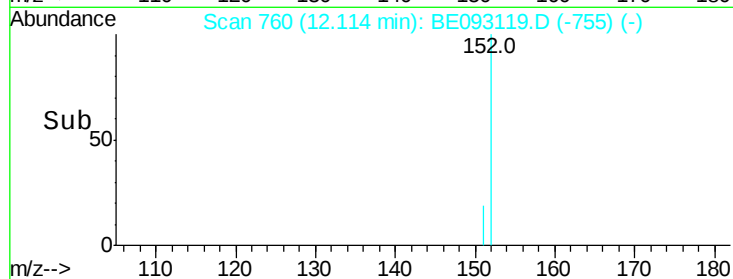
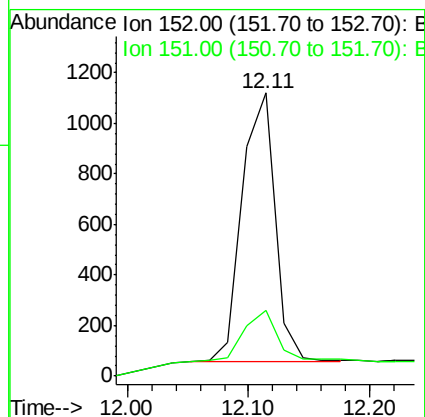
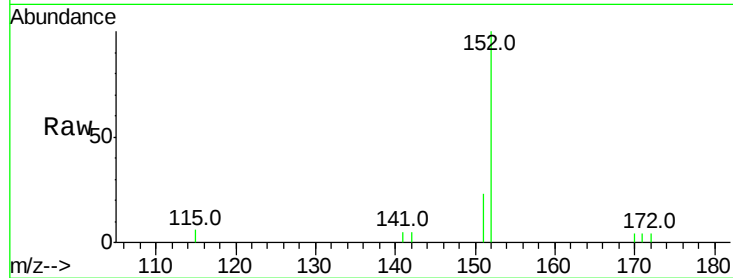




#11
 2-Methylnaphthalene-d10
 Concen: 0.44 ng
 RT: 12.11 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BE093119.D
 Acq: 13 Jun 2017 1:53

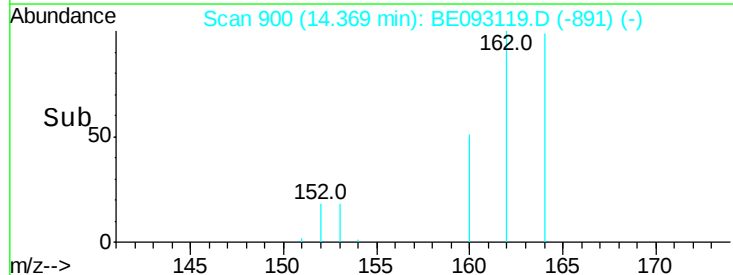
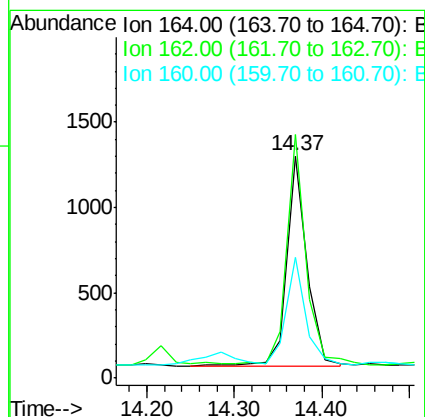
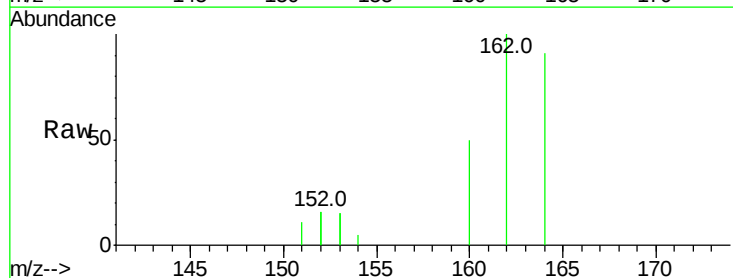
Instrument :
 BNA_E
 ClientSampleId :

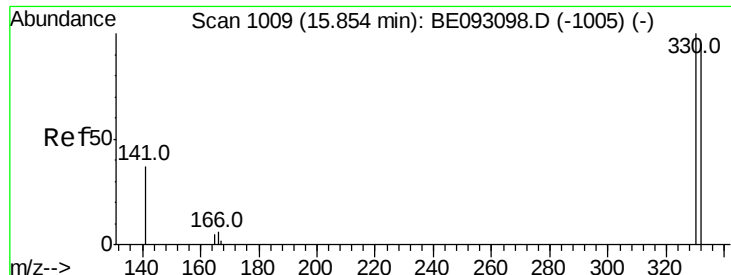
Tot Ion:152 Resp: 1995
 Ion Ratio Lower Upper
 152 100
 151 20.6 15.1 22.7



#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.37 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BE093119.D
 Acq: 13 Jun 2017 1:53

Tgt Ion:164 Resp: 2002
 Ion Ratio Lower Upper
 164 100
 162 109.8 84.6 127.0
 160 54.7 41.8 62.6

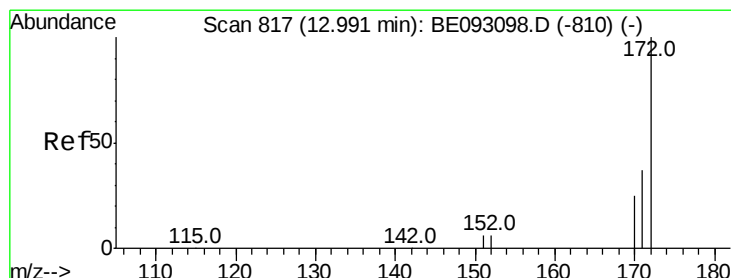
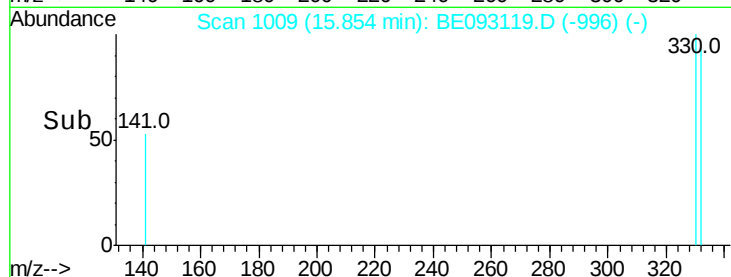
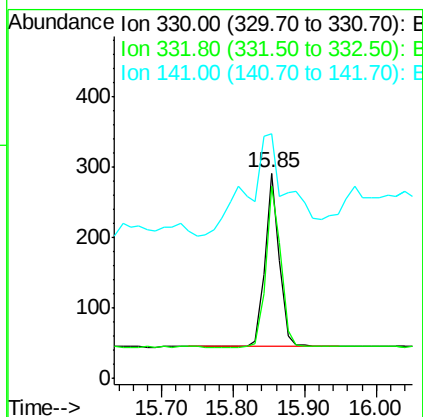
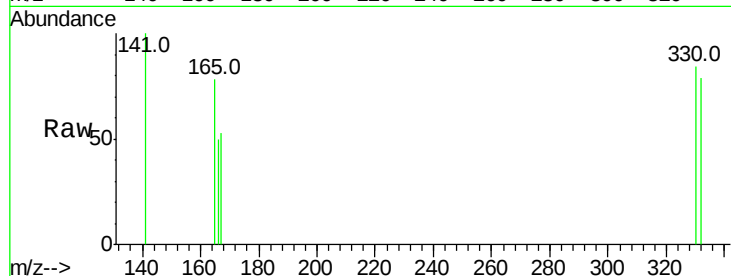




#14
 2,4,6-Tribromophenol
 Concen: 0.77 ng
 RT: 15.85 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BE093119.D
 Acq: 13 Jun 2017 1:53

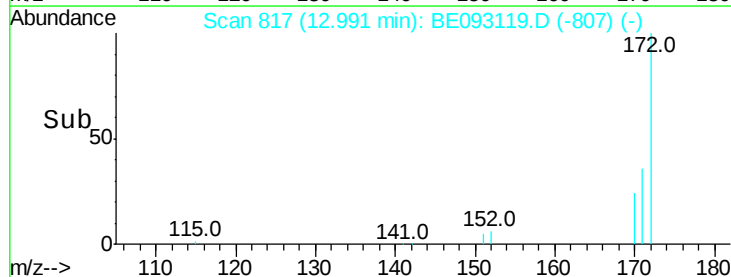
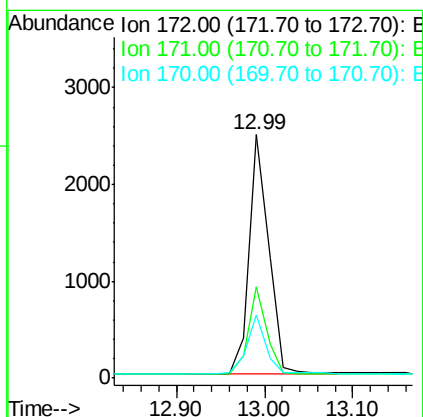
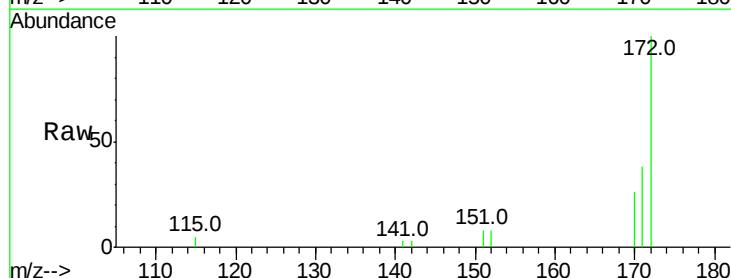
Instrument :
 BNA_E
 ClientSampleId :

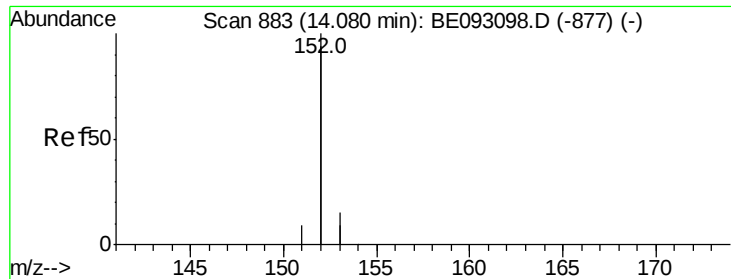
Tot Ion:330 Resp: 350
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.7 116.5
 141 163.4 56.2 84.4#



#15
 2-Fluorobiphenyl
 Concen: 0.45 ng
 RT: 12.99 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BE093119.D
 Acq: 13 Jun 2017 1:53

Tgt Ion:172 Resp: 3839
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 25.9 20.7 31.1





#16

Acenaphthylene

Concen: 0.02 ng

RT: 14.08 min Scan# 883

Delta R.T. -0.00 min

Lab File: BE093119.D

Acq: 13 Jun 2017 1:53

Instrument :

BNA_E

ClientSampled :

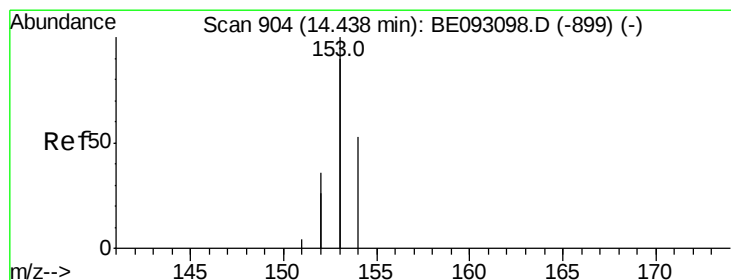
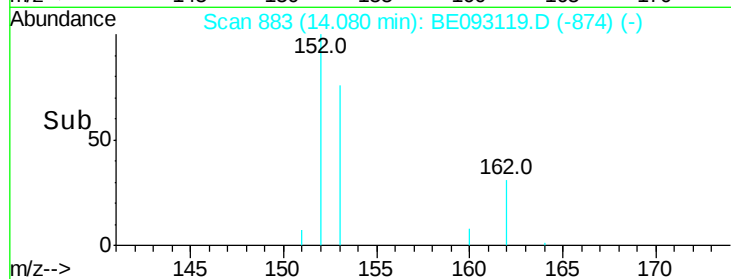
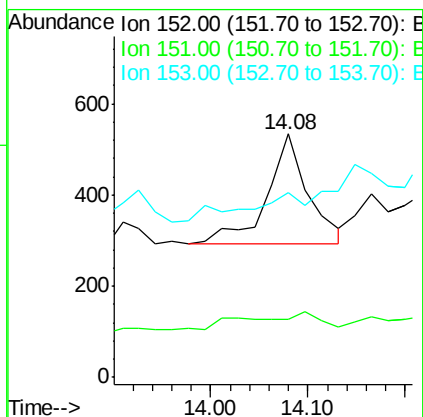
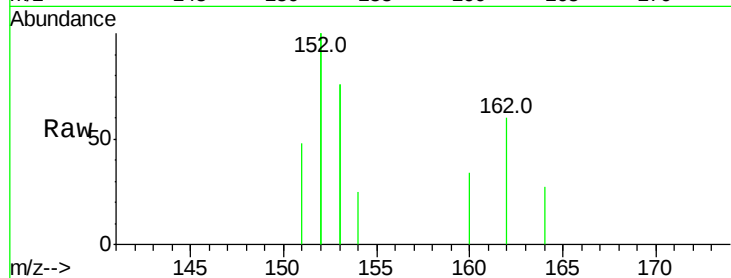
Tot Ion:152 Resp: 697

Ion Ratio Lower Upper

152 100

151 10.5 4.0 6.0#

153 36.7 10.3 15.5#



#17

Acenaphthene

Concen: 0.03 ng

RT: 14.44 min Scan# 904

Delta R.T. -0.00 min

Lab File: BE093119.D

Acq: 13 Jun 2017 1:53

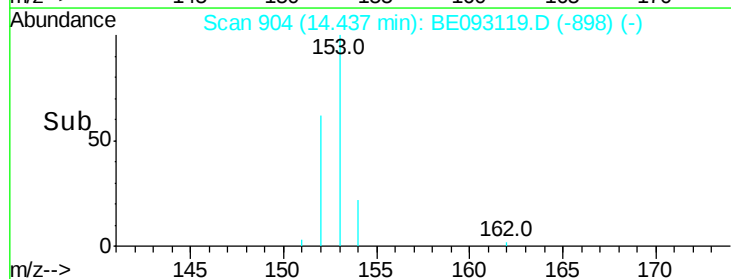
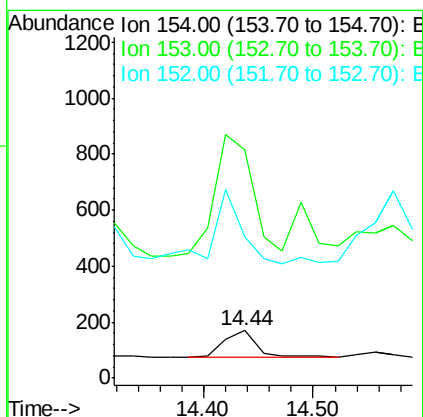
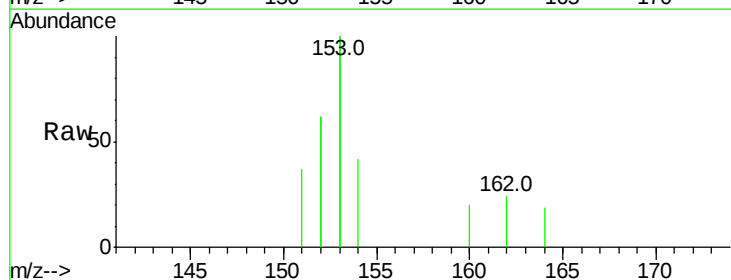
Tgt Ion:154 Resp: 194

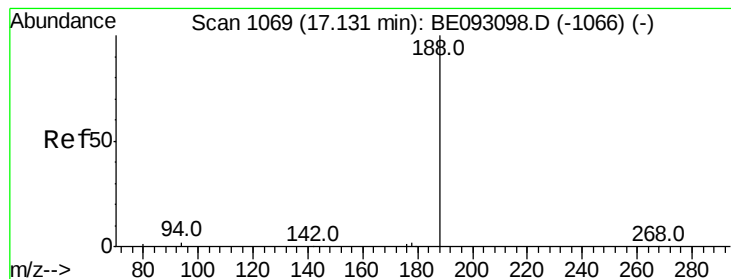
Ion Ratio Lower Upper

154 100

153 534.0 367.8 551.6

152 232.0 188.2 282.2





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE093119.D

Acq: 13 Jun 2017 1:53

Instrument :

BNA_E

ClientSampleId :

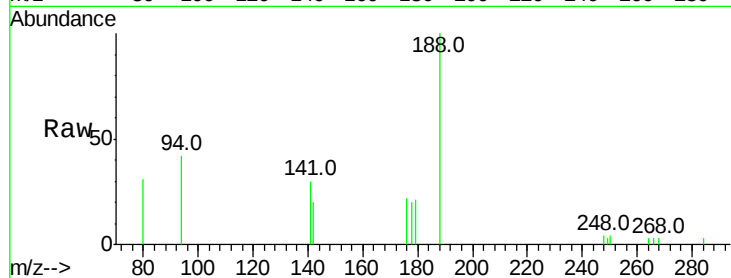
Tot Ion:188 Resp: 3777

Ion Ratio Lower Upper

188 100

94 41.8 11.3 16.9#

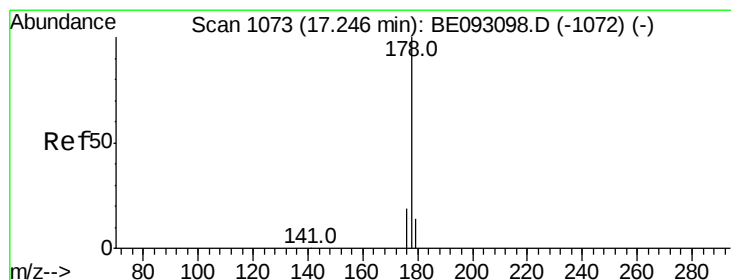
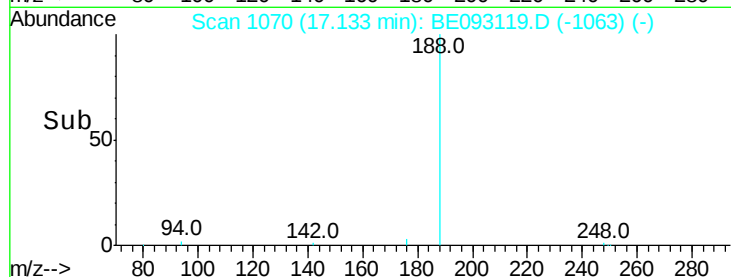
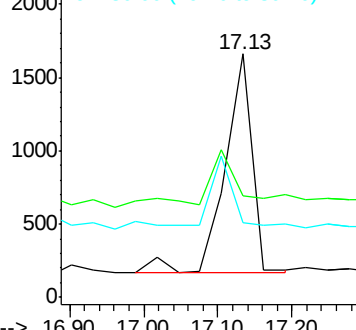
80 30.9 11.7 17.5#



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



#24

Anthracene

Concen: 0.10 ng

RT: 17.25 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BE093119.D

Acq: 13 Jun 2017 1:53

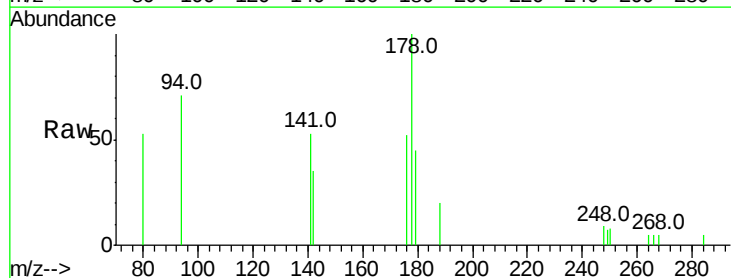
Tgt Ion:178 Resp: 1400

Ion Ratio Lower Upper

178 100

176 32.2 14.6 22.0#

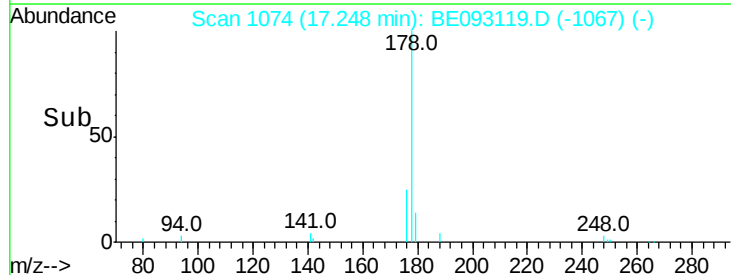
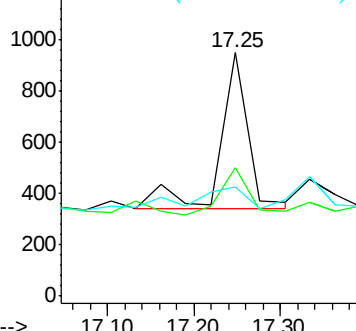
179 24.6 12.0 18.0#

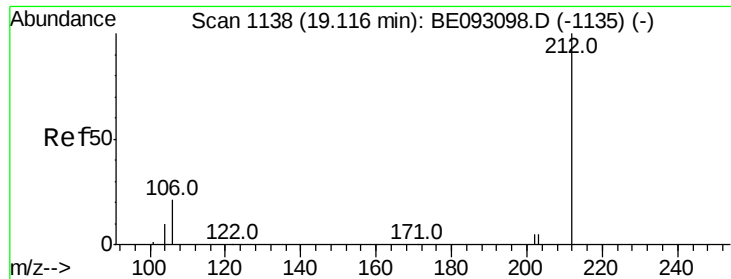


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.45 ng

RT: 19.12 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BE093119.D

Acq: 13 Jun 2017 1:53

Instrument :

BNA_E

ClientSampleId :

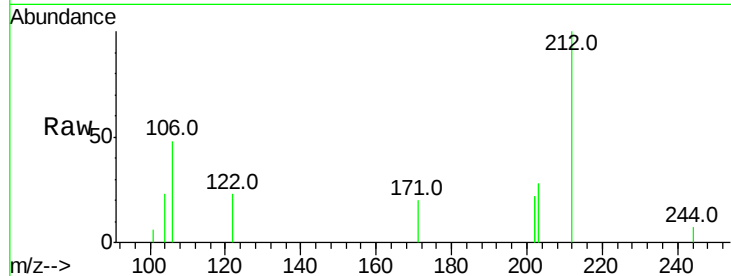
Tot Ion:212 Resp: 5565

Ion Ratio Lower Upper

212 100

106 22.4 0.0 0.0#

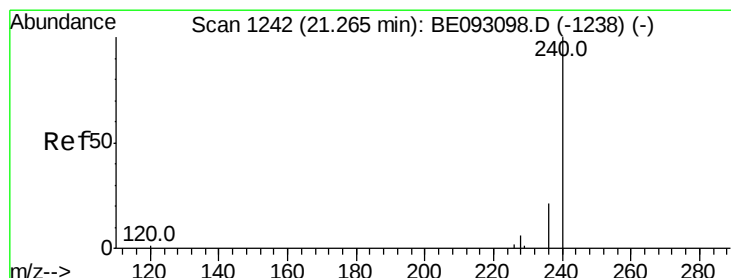
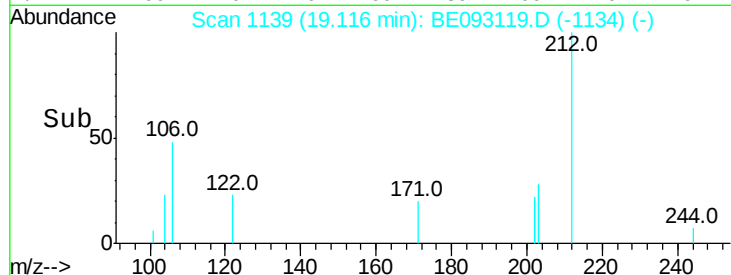
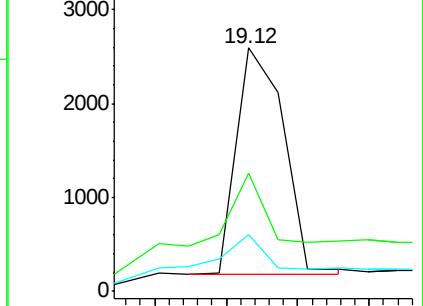
104 11.4 0.0 0.0#



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: 21.26 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093119.D

Acq: 13 Jun 2017 1:53

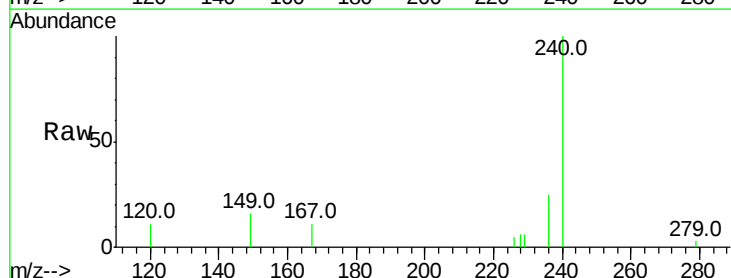
Tgt Ion:240 Resp: 4965

Ion Ratio Lower Upper

240 100

120 11.5 4.6 7.0#

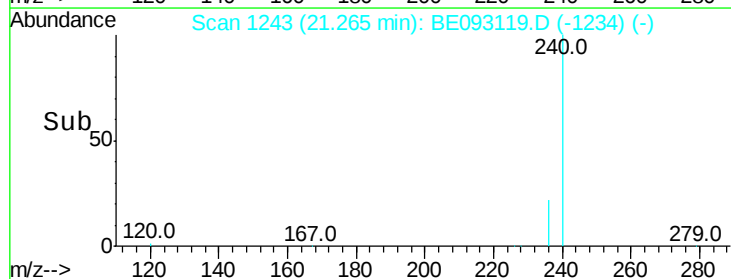
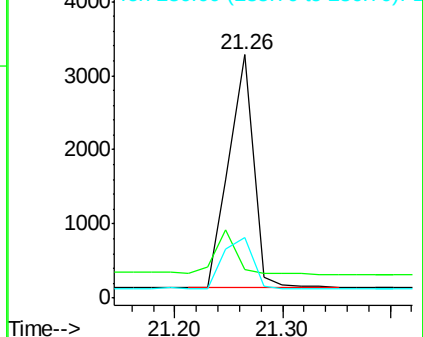
236 24.9 20.8 31.2

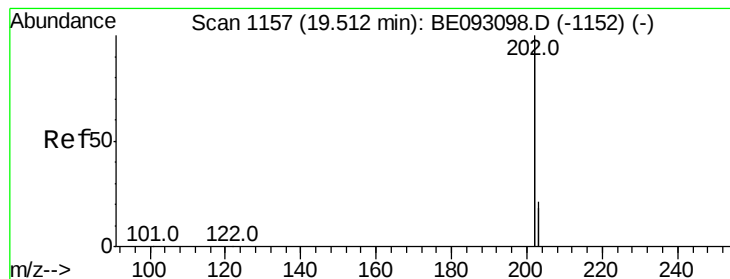


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pvrene

Concen: 0.06 ng

RT: 19.51 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BE093119.D

Acq: 13 Jun 2017 1:53

Instrument :

BNA_E

ClientSampleId :

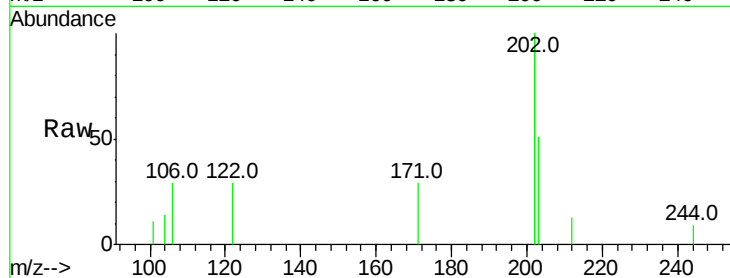
Tot Ion:202 Resp: 3737

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

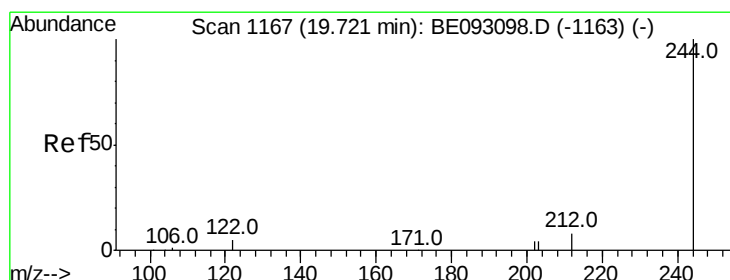
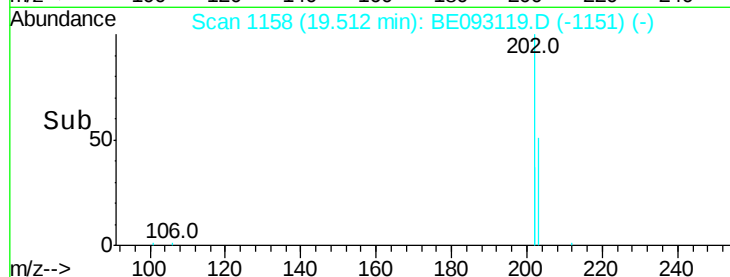
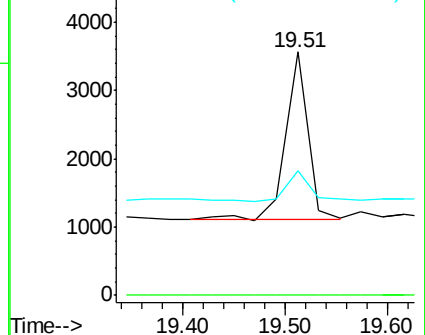
203 20.6 13.7 20.5#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.55 ng

RT: 19.72 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BE093119.D

Acq: 13 Jun 2017 1:53

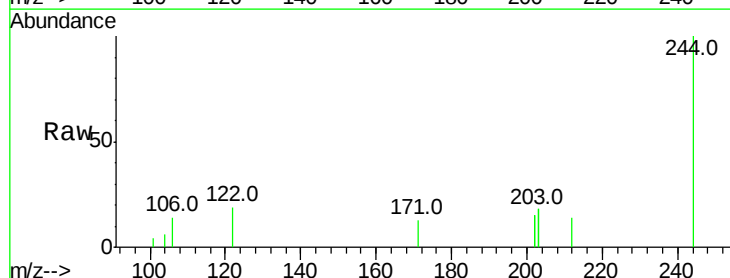
Tgt Ion:244 Resp: 5265

Ion Ratio Lower Upper

244 100

212 13.7 10.6 16.0

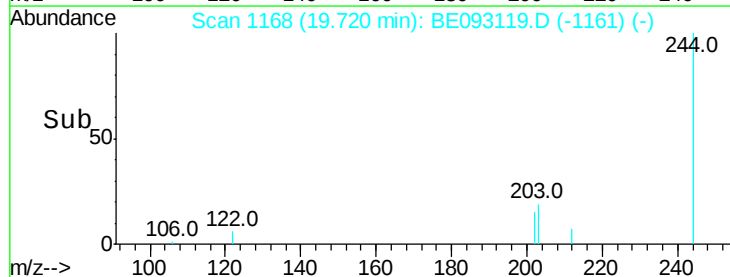
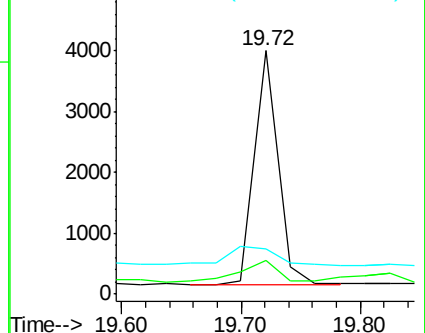
122 18.6 15.4 23.0

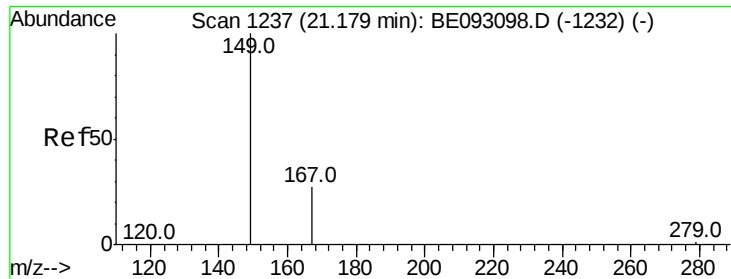


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

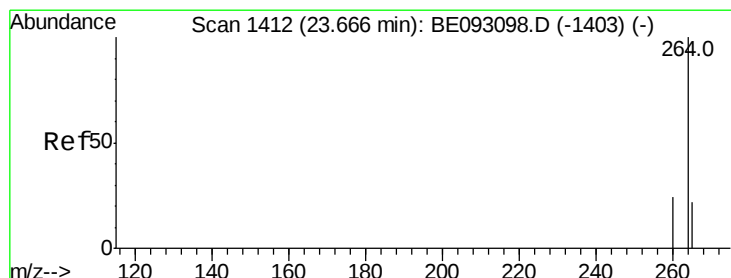
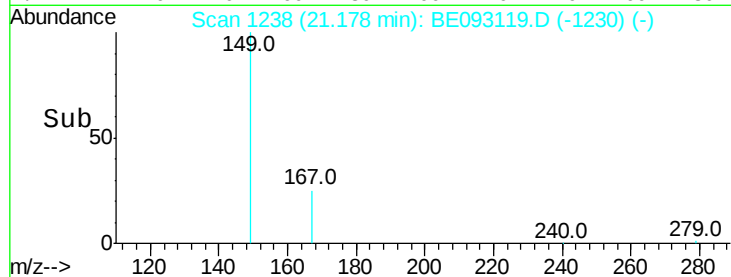
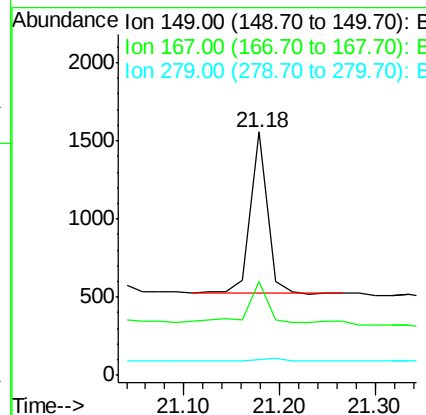
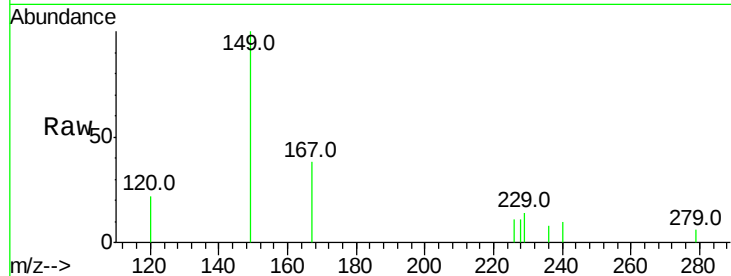




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.22 ng
 RT: 21.18 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BE093119.D
 Acq: 13 Jun 2017 1:53

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 1283
 Ion Ratio Lower Upper
 149 100
 167 28.0 20.1 30.1
 279 3.0 2.2 3.4



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.67 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BE093119.D
 Acq: 13 Jun 2017 1:53

Tgt Ion:264 Resp: 4210
 Ion Ratio Lower Upper
 264 100
 260 26.1 21.0 31.4
 265 32.6 24.6 36.8

