

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
 Data File : BE093043.D
 Acq On : 15 May 2017 20:32
 Operator : SJ/MA
 Sample : I3058-12DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 16 01:14:02 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 15 13:35:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	961	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	4091	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1947	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	5790	0.40	ng	0.00
27) Chrysene-d12	21.28	240	5668	0.40	ng	0.00
34) Perylene-d12	23.69	264	4914	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	98	0.03	ng	0.00
5) Phenol-d6	6.92	99	87	0.02	ng	0.00
8) Nitrobenzene-d5	8.88	82	278	0.08	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	427	0.07	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	49	0.08	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	869	0.11	ng	0.00
25) Fluoranthene-d10	19.14	212	1130	0.07	ng	0.00
29) Terphenyl-d14	19.74	244	1462	0.14	ng	0.00

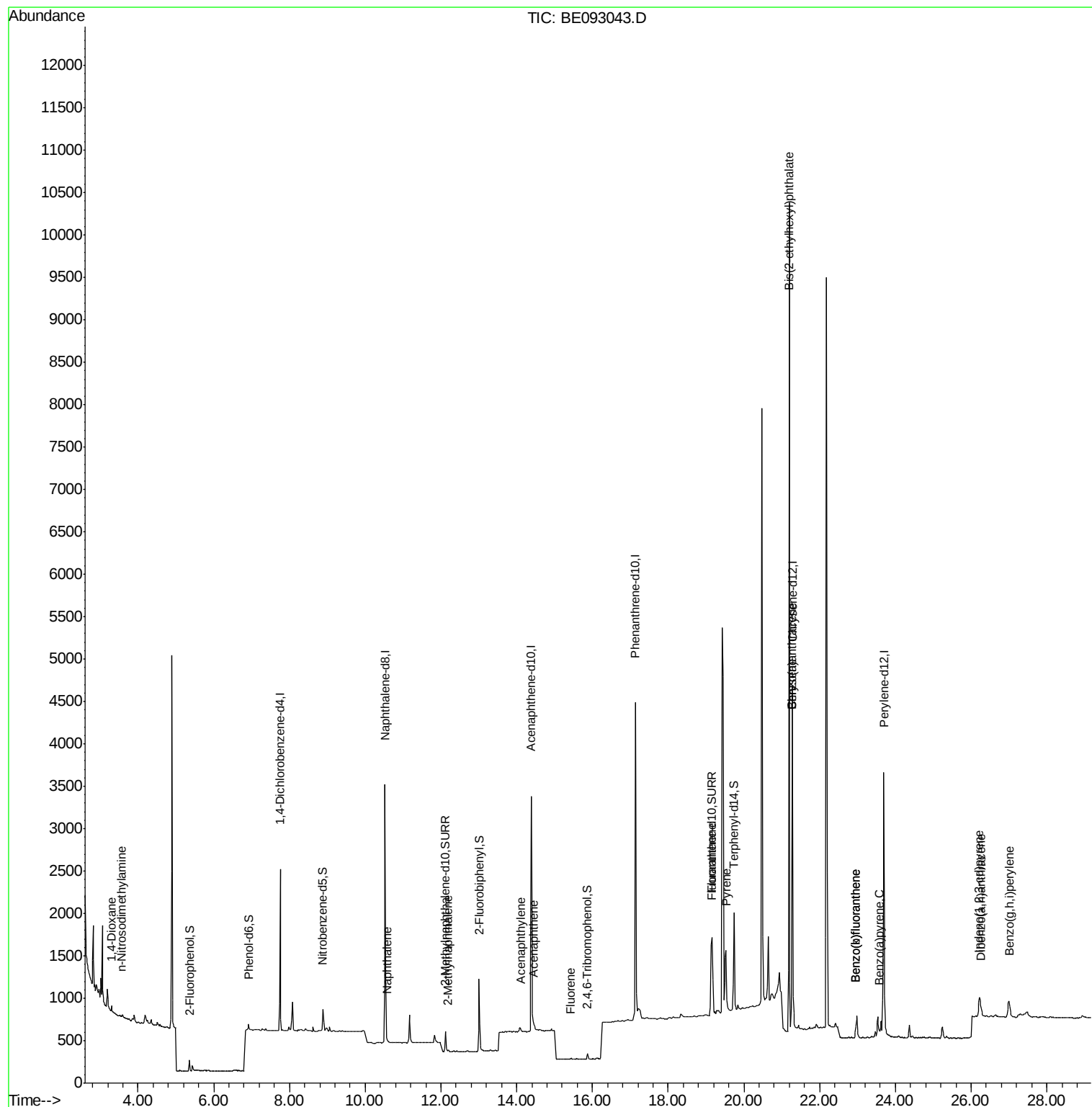
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	58	0.00	ng	# 1
3) n-Nitrosodimethylamine	3.56	42	16	0.01	ng	# 1
9) Naphthalene	10.56	128	36	0.00	ng	# 1
12) 2-Methylnaphthalene	12.19	142	11	0.00	ng	# 64
16) Acenaphthylene	14.10	152	53	0.00	ng	# 61
17) Acenaphthene	14.44	154	4	0.00	ng	# 14
18) Fluorene	15.43	166	9	0.00	ng	# 1
21) Hexachlorobenzene	16.41	284	7	Below Cal		# 100
22) Pentachlorophenol	16.79	266	10	Below Cal		# 85
23) Phenanthrene	17.16	178	112	Below Cal		# 81
24) Anthracene	17.28	178	29	Below Cal		# 38
26) Fluoranthene	19.16	202	1222	0.02	ng	# 59
28) Pyrene	19.53	202	1284	0.02	ng	# 75
30) Benzo(a)anthracene	21.27	228	196	0.01	ng	# 30
31) Chrysene	21.27	228	196	0.01	ng	# 33
32) Bis(2-ethylhexyl)phthalate	21.20	149	9041	1.06	ng	98
33) Indeno(1,2,3-cd)pyrene	26.22	276	566	0.01	ng	# 62
35) Benzo(b)fluoranthene	22.95	252	351	0.02	ng	# 1
36) Benzo(k)fluoranthene	22.95	252	355	0.02	ng	# 1
37) Benzo(a)pyrene	23.58	252	163	0.01	ng	# 1
38) Dibenzo(a,h)anthracene	26.25	278	40	0.00	ng	# 1
39) Benzo(g,h,i)perylene	27.00	276	528	0.01	ng	# 10

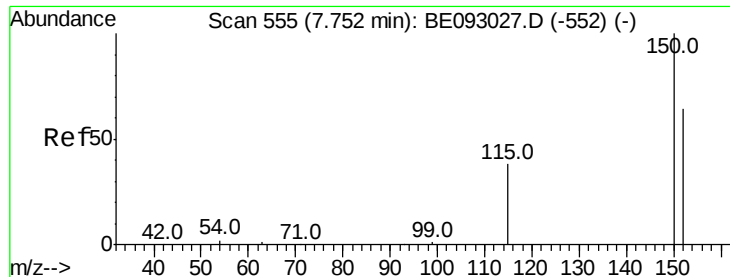
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

Quant Time: May 16 01:14:02 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 15 13:35:57 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: BE093043.D

Acq: 15 May 2017 20:32

Instrument :

BNA_E

ClientSampleId :

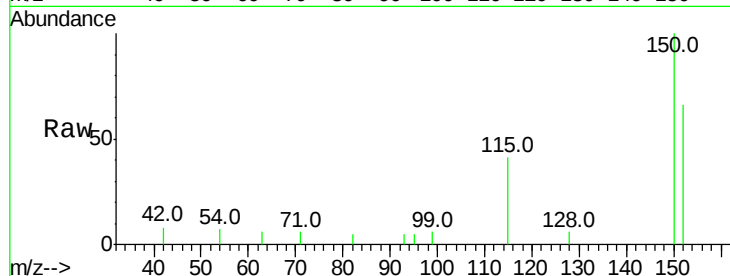
Tot Ion:152 Resp: 961

Ion Ratio Lower Upper

152 100

150 151.6 125.1 187.7

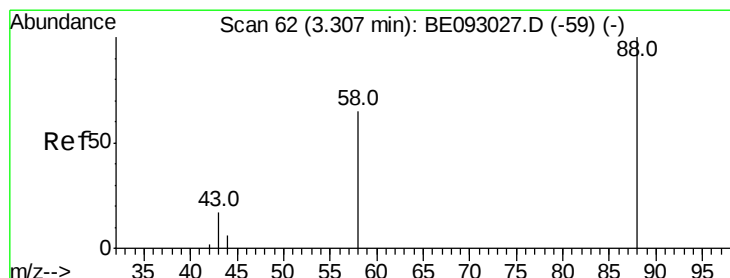
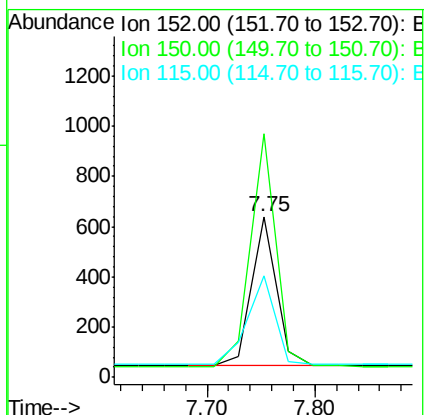
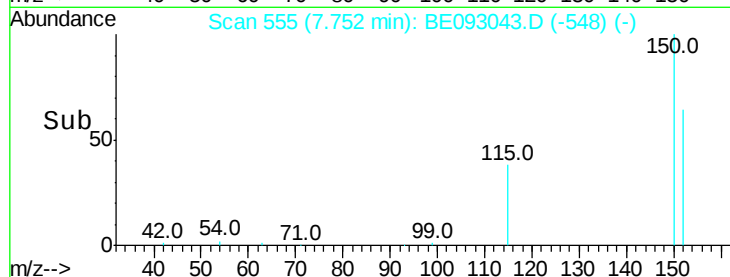
115 62.9 55.7 83.5



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: 0.00 ng

RT: 3.31 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

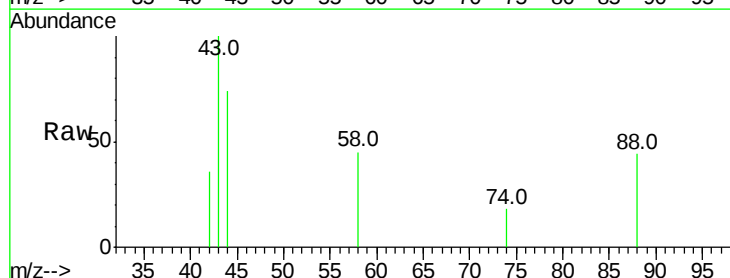
Tgt Ion: 88 Resp: 58

Ion Ratio Lower Upper

88 100

58 56.9 62.2 93.4#

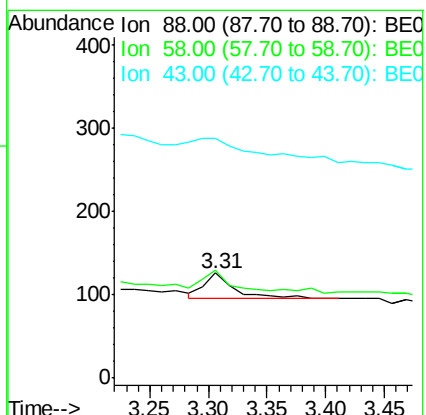
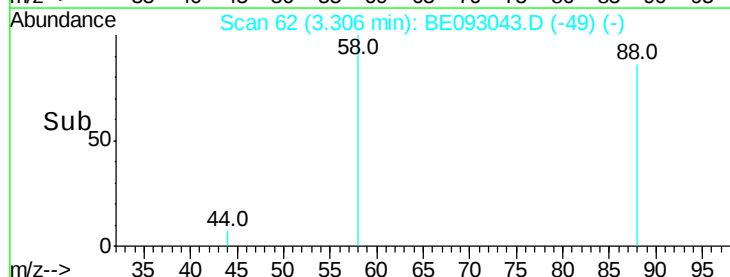
43 194.8 23.2 34.8#

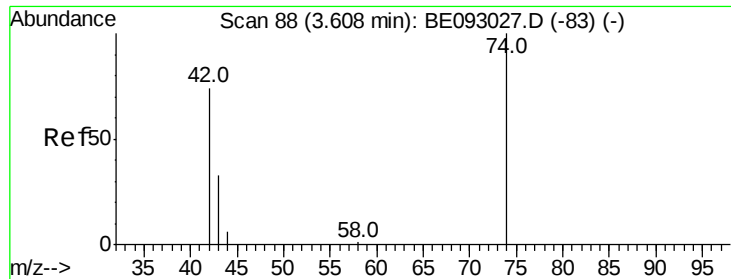


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

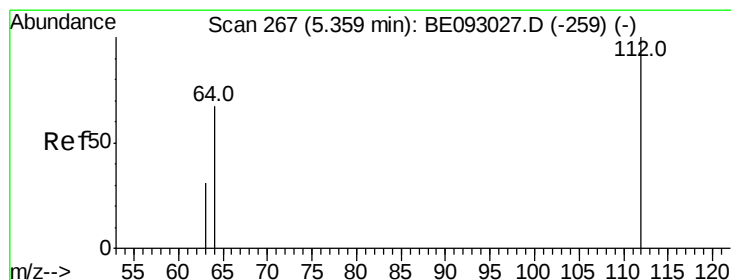
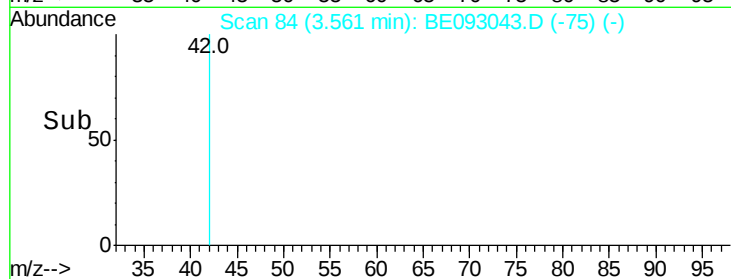
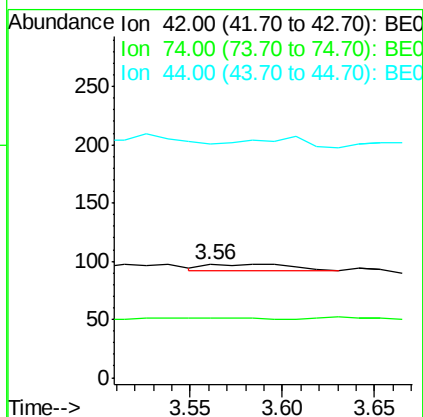
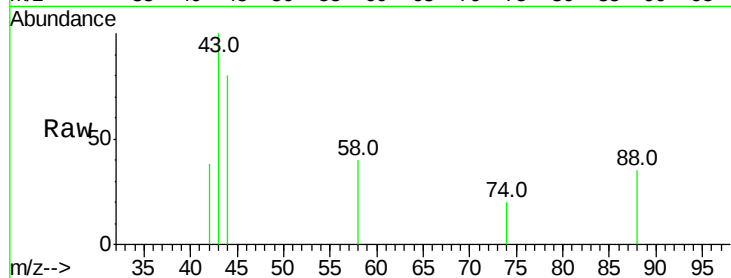




#3
n-Nitrosodimethylamine
Concen: 0.01 ng
RT: 3.56 min Scan# 84
Delta R.T. -0.05 min
Lab File: BE093043.D
Acq: 15 May 2017 20:32

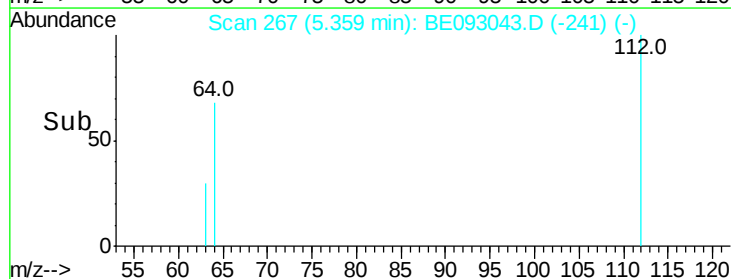
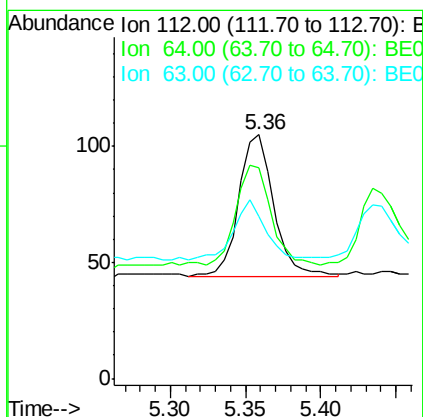
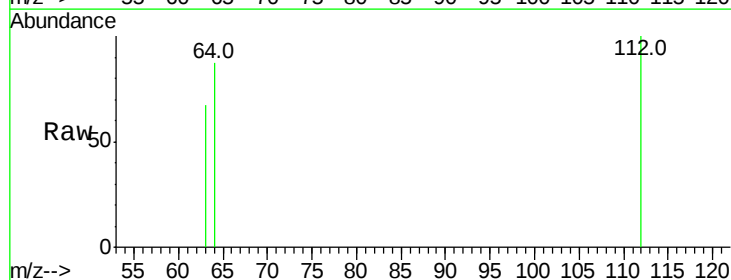
Instrument :
BNA_E
ClientSampled :

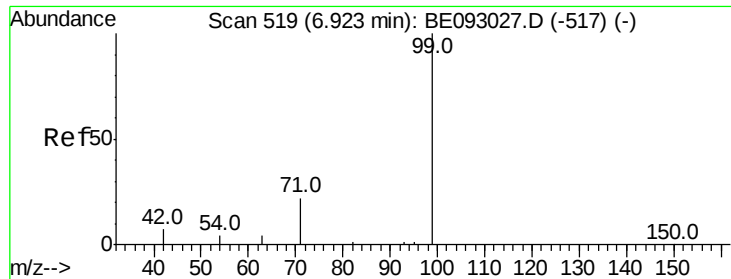
Tot Ion: 42 Resp: 16
Ion Ratio Lower Upper
42 100
74 0.0 99.1 148.7#
44 0.0 7.4 11.2#



#4
2-Fluorophenol
Concen: 0.03 ng
RT: 5.36 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE093043.D
Acq: 15 May 2017 20:32

Tgt Ion: 112 Resp: 98
Ion Ratio Lower Upper
112 100
64 71.4 56.4 84.6
63 38.8 29.3 43.9





#5

Phenol-d6

Concen: 0.02 ng

RT: 6.92 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

Instrument :

BNA_E

ClientSampled :

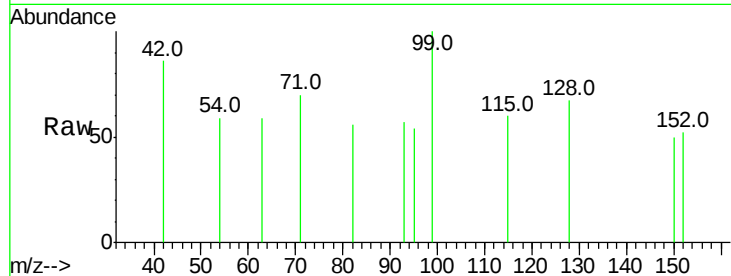
Tot Ion: 99 Resp: 87

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

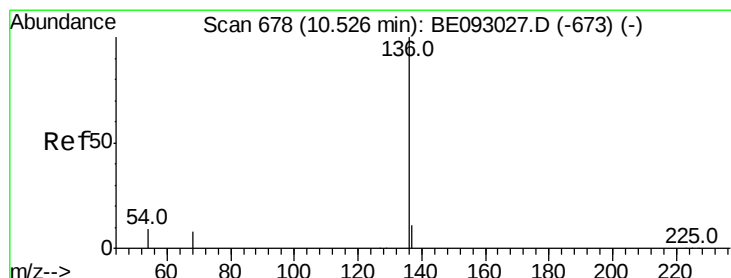
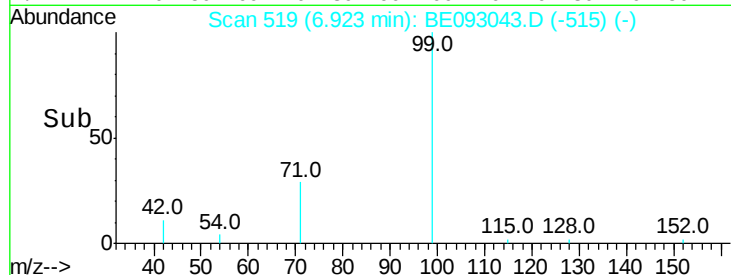
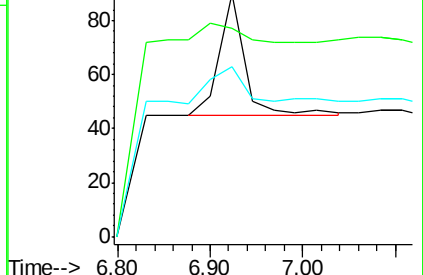
71 41.4 0.0 0.0#



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: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

Tgt Ion: 136 Resp: 4091

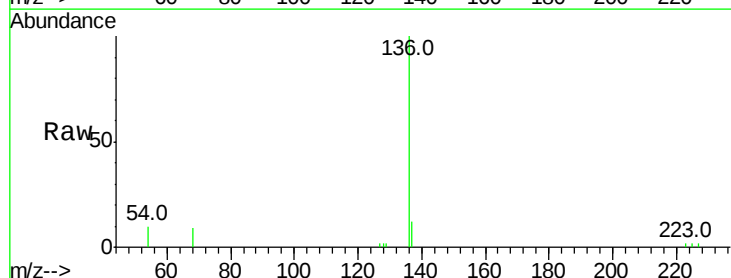
Ion Ratio Lower Upper

136 100

137 12.3 9.8 14.8

54 10.0 10.3 15.5#

68 9.2 9.0 13.4

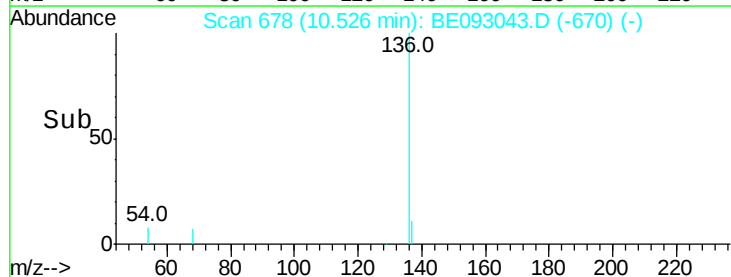
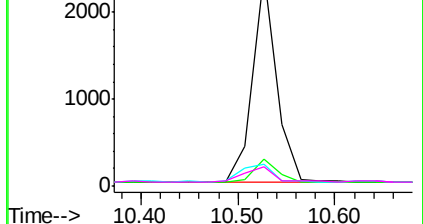


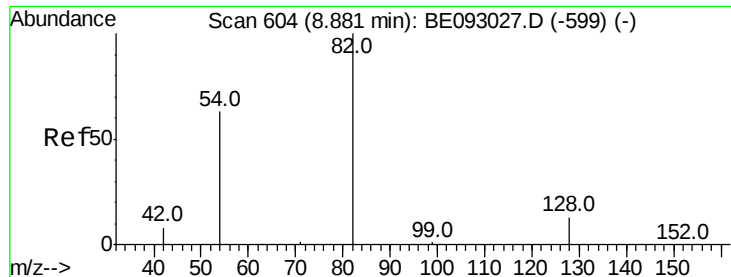
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.08 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

Instrument :

BNA_E

ClientSampled :

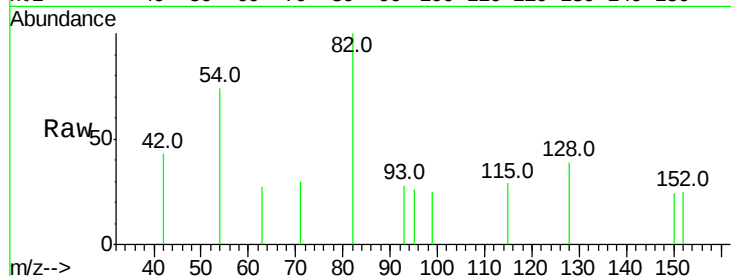
Tot Ion: 82 Resp: 278

Ion Ratio Lower Upper

82 100

128 39.5 17.0 25.4#

54 74.1 53.8 80.6



Abundance Ion 82.00 (81.70 to 82.70): BE093027.D (-599) (-)

Ion 128.00 (127.70 to 128.70): BE093027.D (-599) (-)

Ion 54.00 (53.70 to 54.70): BE093027.D (-599) (-)

Time-->

8.88

150

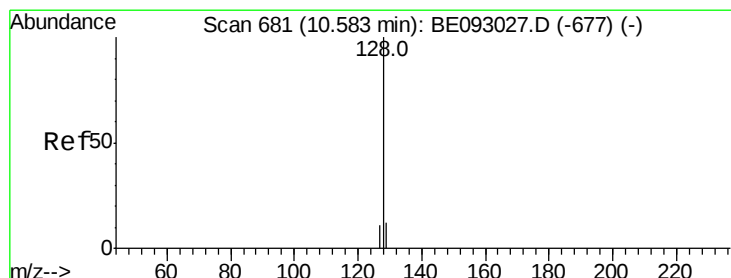
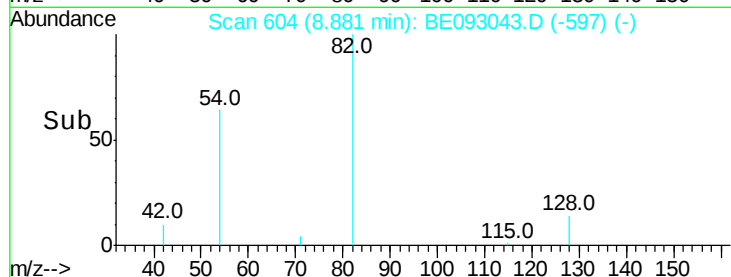
100

50

0

8.80

8.90



#9

Naphthalene

Concen: 0.00 ng

RT: 10.56 min Scan# 680

Delta R.T. -0.02 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

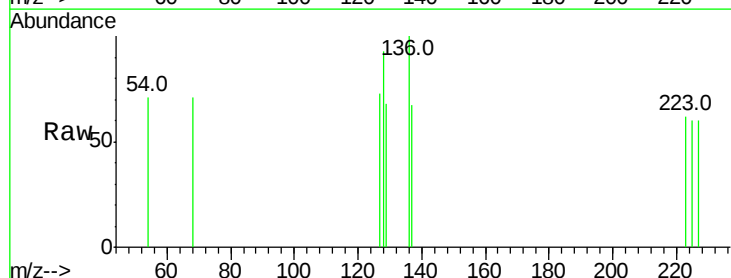
Tgt Ion: 128 Resp: 36

Ion Ratio Lower Upper

128 100

129 73.5 11.4 17.0#

127 77.9 11.2 16.8#



Abundance Ion 128.00 (127.70 to 128.70): BE093027.D (-677) (-)

Ion 129.00 (128.70 to 129.70): BE093027.D (-677) (-)

Ion 127.00 (126.70 to 127.70): BE093027.D (-677) (-)

Time-->

10.56

80

60

40

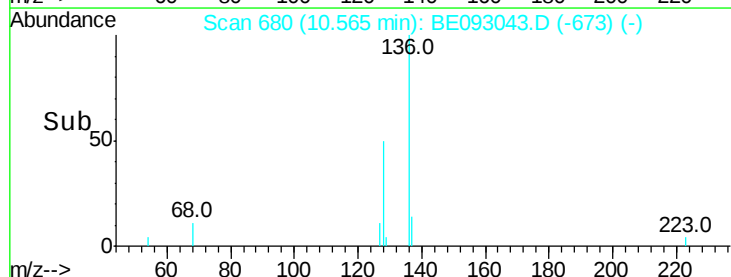
20

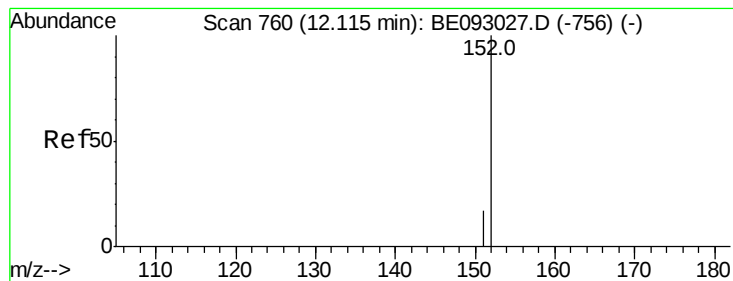
0

10.50

10.60

10.70





#11

2-Methylnaphthalene-d10

Concen: 0.07 ng

RT: 12.11 min Scan# 760

Delta R.T. -0.00 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

Instrument :

BNA_E

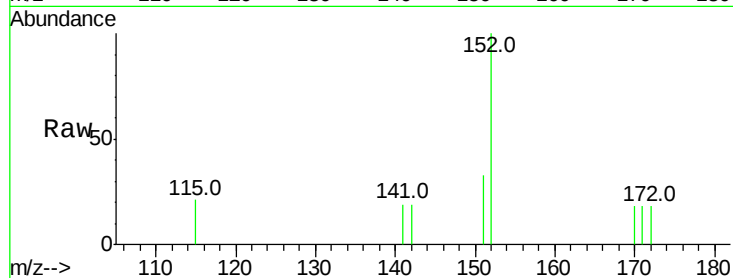
ClientSampleId :

Tot Ion:152 Resp: 427

Ion Ratio Lower Upper

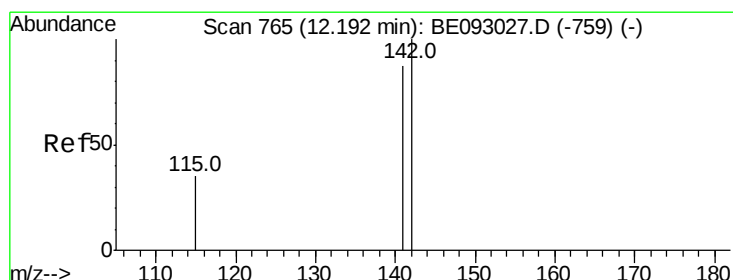
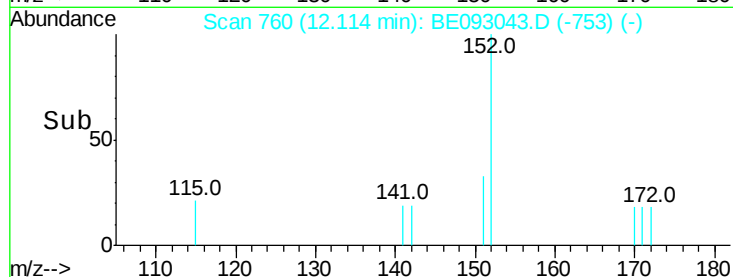
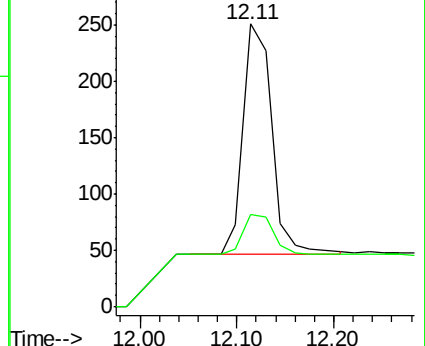
152 100

151 18.5 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: 0.00 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

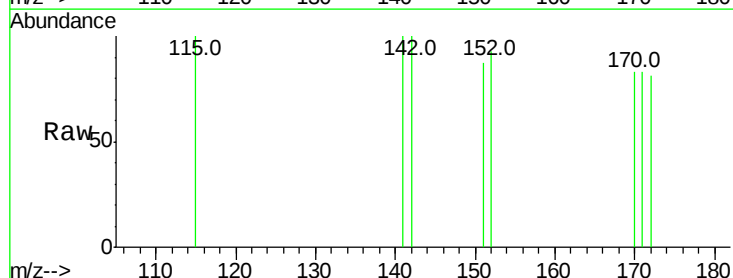
Tgt Ion:142 Resp: 11

Ion Ratio Lower Upper

142 100

141 100.0 72.6 108.8

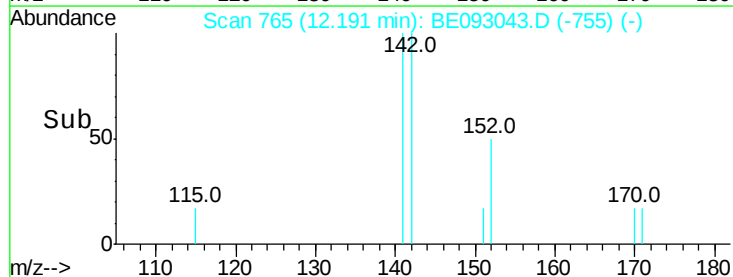
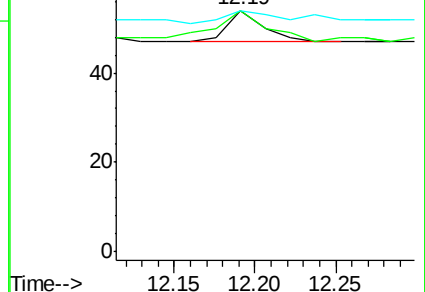
115 100.0 32.2 48.2#

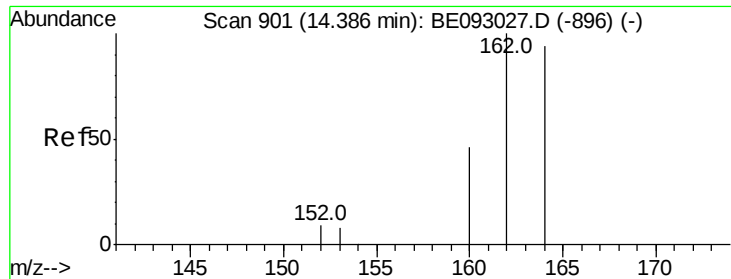


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

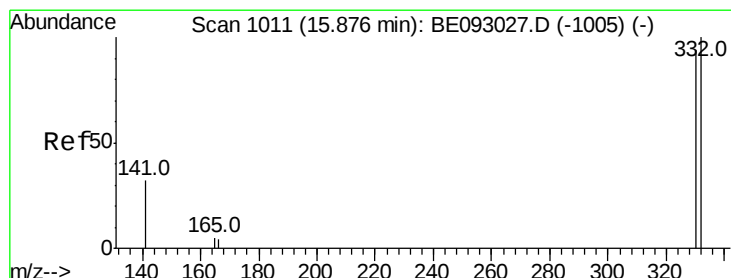
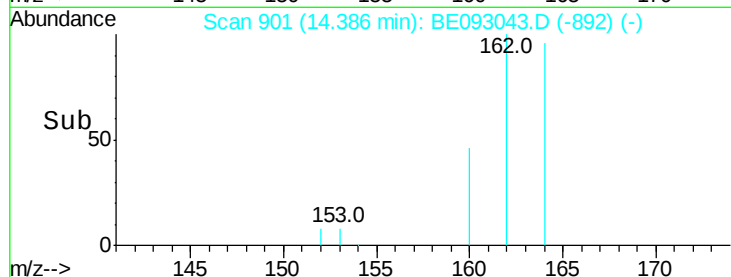
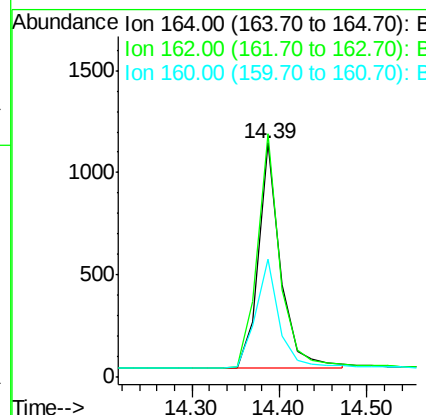
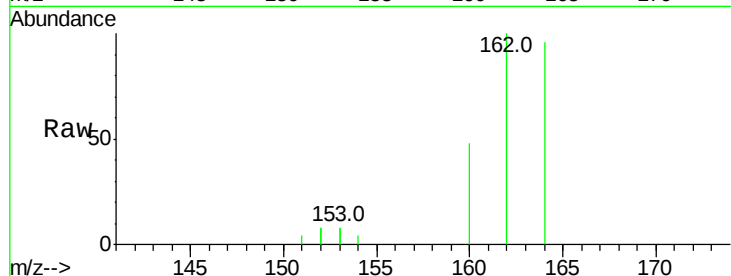




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE093043.D
Acq: 15 May 2017 20:32

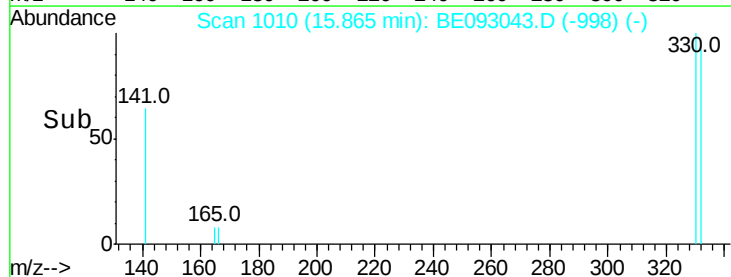
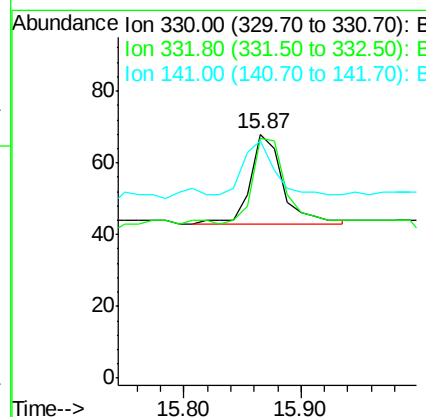
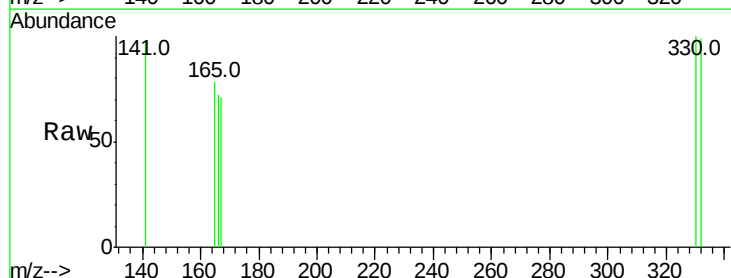
Instrument :
BNA_E
ClientSampleId :

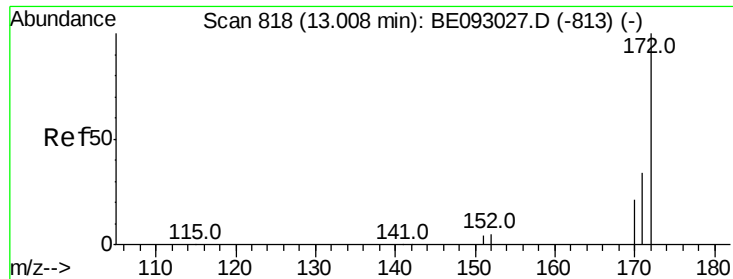
Tot Ion:164 Resp: 1947
Ion Ratio Lower Upper
164 100
162 103.9 84.6 127.0
160 50.2 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 0.08 ng
RT: 15.87 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BE093043.D
Acq: 15 May 2017 20:32

Tgt Ion:330 Resp: 49
Ion Ratio Lower Upper
330 100
332 100.0 77.7 116.5
141 63.3 56.2 84.4

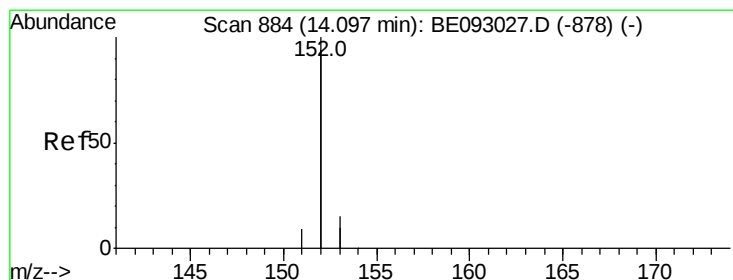
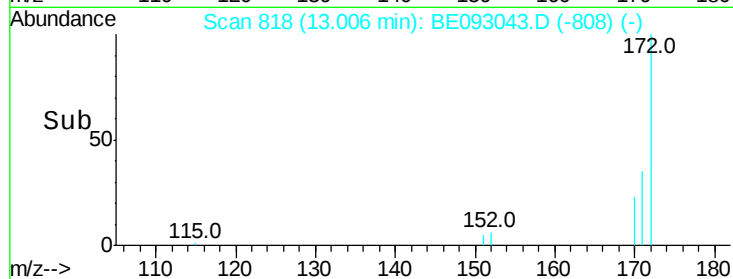
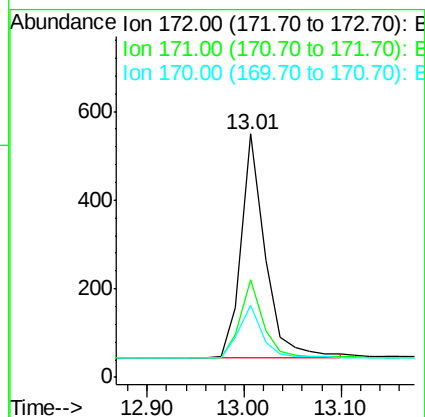
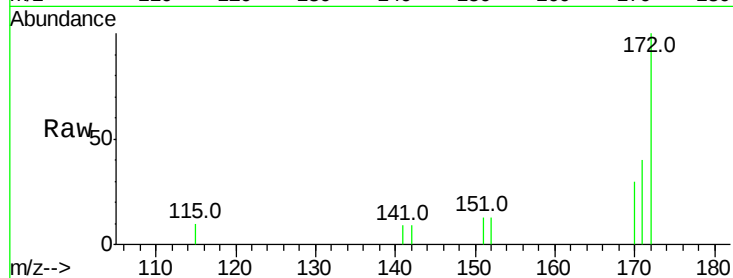




#15
2-Fluorobiphenyl
Concen: 0.11 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE093043.D
Acq: 15 May 2017 20:32

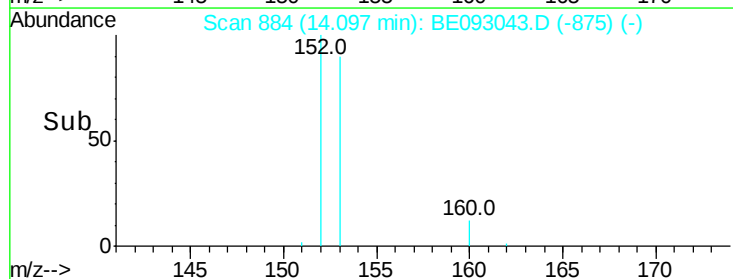
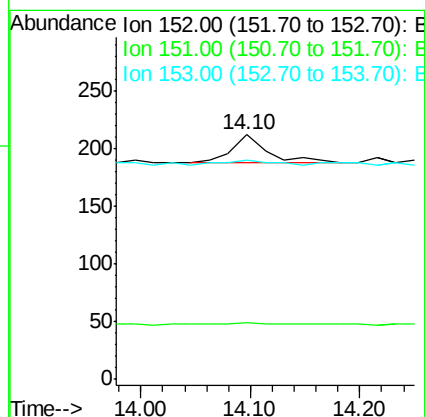
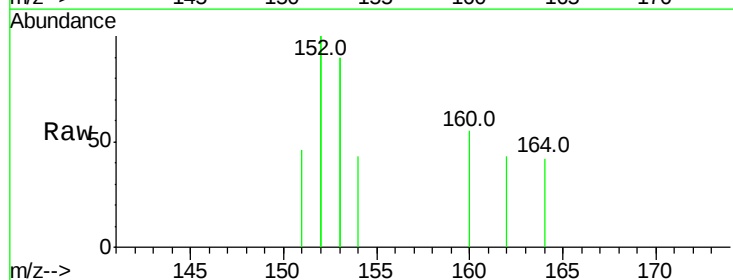
Instrument :
BNA_E
ClientSampleId :

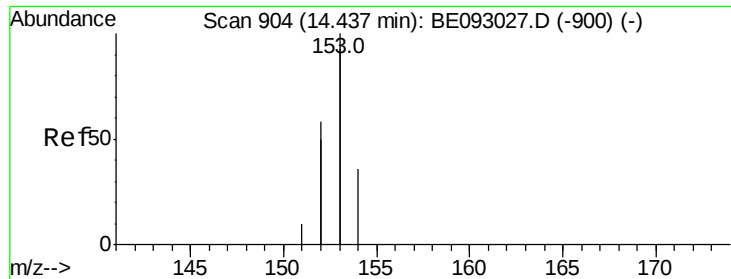
Tot Ion:172 Resp: 869
Ion Ratio Lower Upper
172 100
171 40.1 29.8 44.6
170 29.5 20.7 31.1



#16
Acenaphthylene
Concen: 0.00 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE093043.D
Acq: 15 May 2017 20:32

Tgt Ion:152 Resp: 53
Ion Ratio Lower Upper
152 100
151 22.6 4.0 6.0#
153 26.4 10.3 15.5#

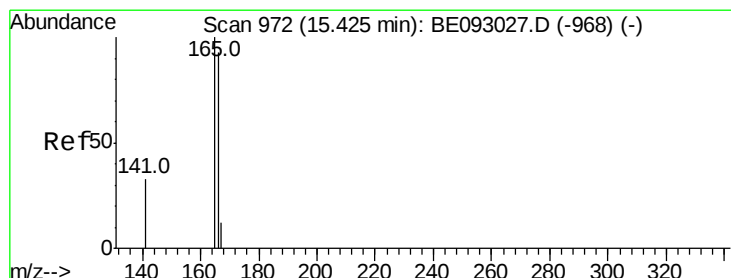
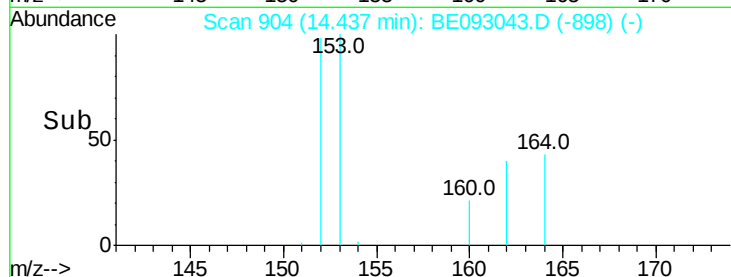
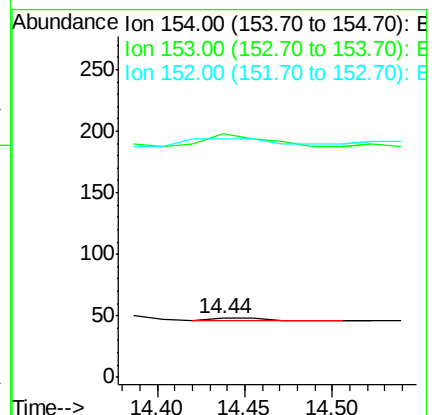
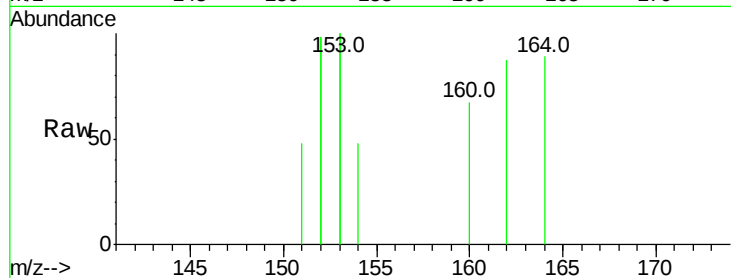




#17
Acenaphthene
Concen: 0.00 ng
RT: 14.44 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE093043.D
Acq: 15 May 2017 20:32

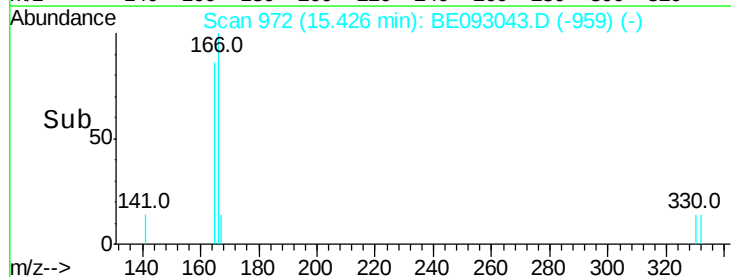
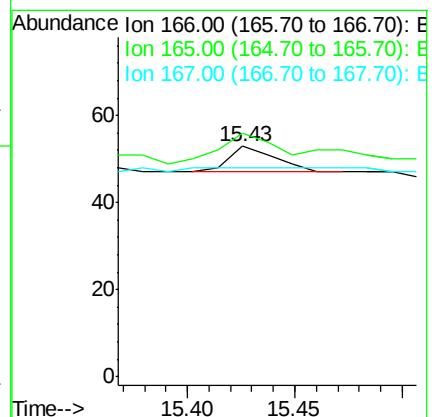
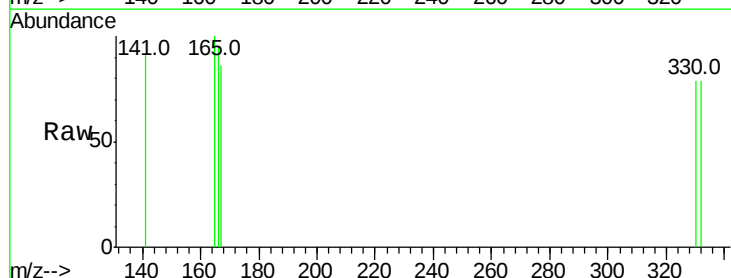
Instrument :
BNA_E
ClientSampled :

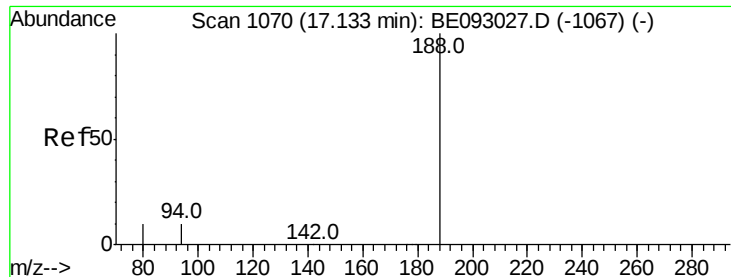
Tot Ion:154 Resp: 4
Ion Ratio Lower Upper
154 100
153 550.0 367.8 551.6
152 550.0 188.2 282.2#



#18
Fluorene
Concen: 0.00 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE093043.D
Acq: 15 May 2017 20:32

Tgt Ion:166 Resp: 9
Ion Ratio Lower Upper
166 100
165 233.3 78.6 117.8#
167 0.0 11.1 16.7#

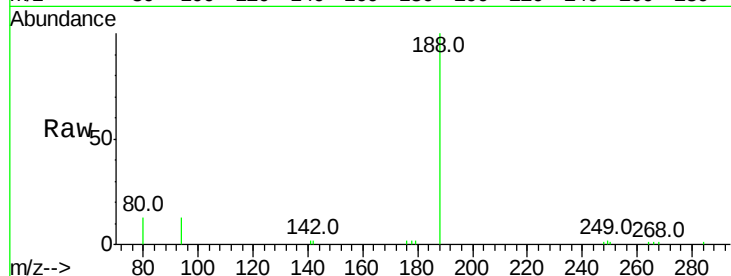




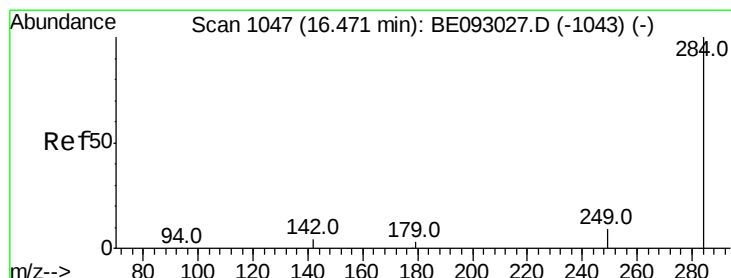
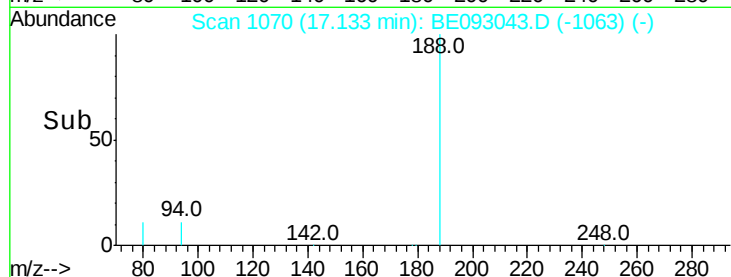
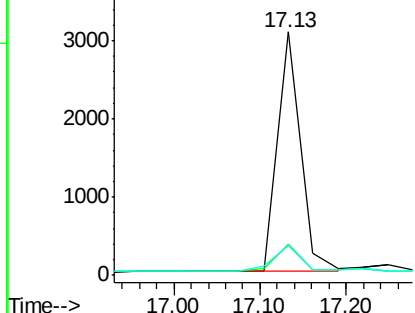
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BE093043.D
Acq: 15 May 2017 20:32

Instrument :
BNA_E
ClientSampleId :

Tot Ion:188 Resp: 5790
Ion Ratio Lower Upper
188 100
94 12.6 11.3 16.9
80 12.5 11.7 17.5

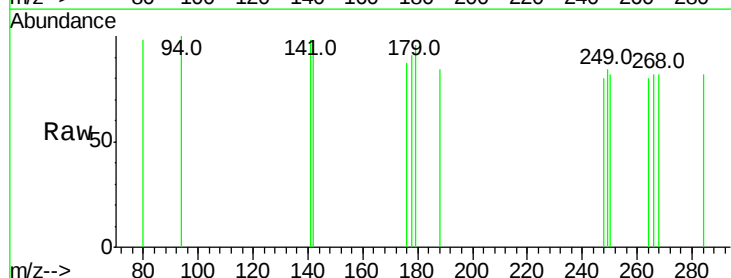


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE
Ion 80.00 (79.70 to 80.70): BE

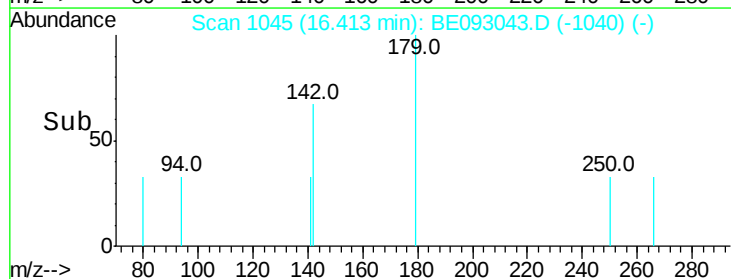
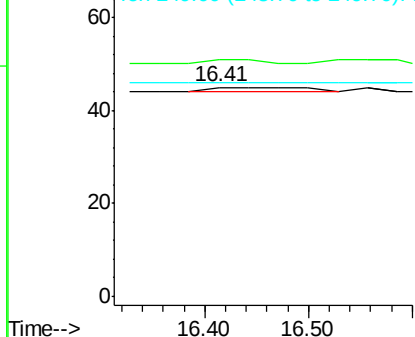


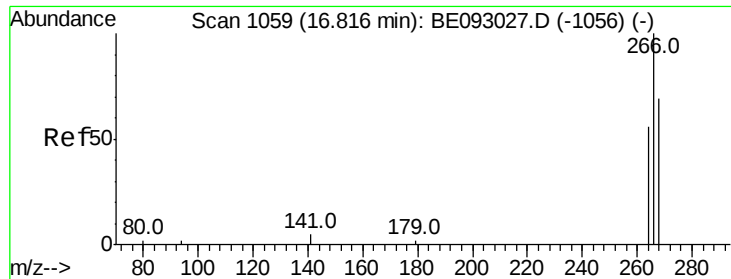
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.41 min Scan# 1045
Delta R.T. -0.06 min
Lab File: BE093043.D
Acq: 15 May 2017 20:32

Tgt Ion:284 Resp: 7
Ion Ratio Lower Upper
284 100
142 42.9 0.0 0.0#
249 0.0 0.0 0.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#22

Pentachlorophenol

Concen: Below Cal

RT: 16.79 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

Instrument :

BNA_E

ClientSampleId :

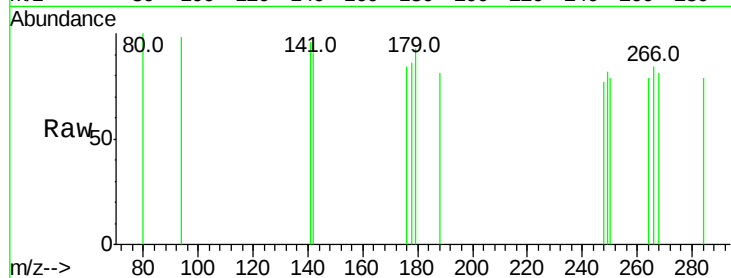
Tot Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 93.8 58.2 87.2#

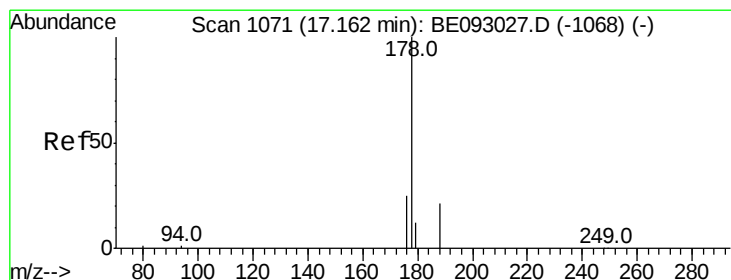
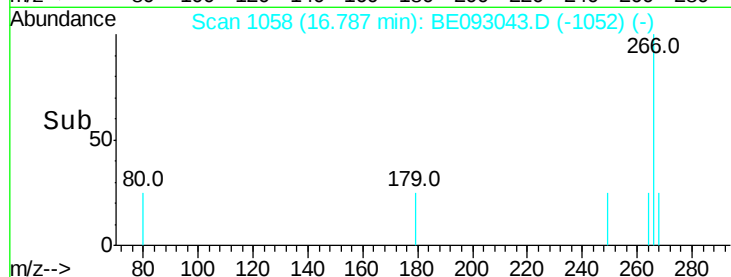
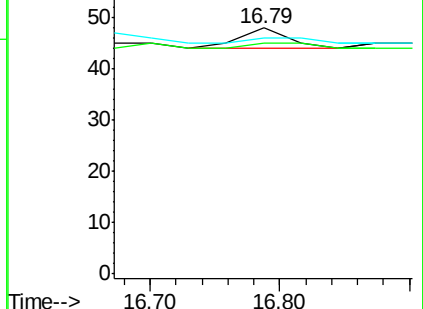
268 95.8 71.9 107.9



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#23

Phenanthrene

Concen: Below Cal

RT: 17.16 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

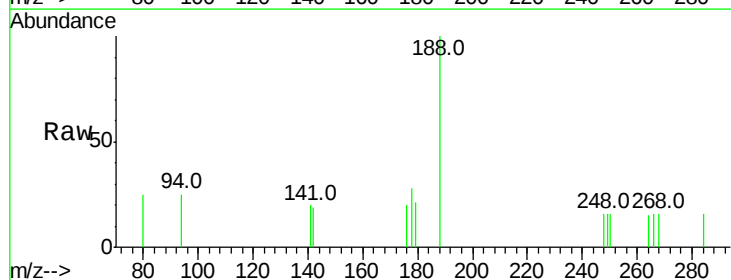
Tgt Ion:178 Resp: 112

Ion Ratio Lower Upper

178 100

176 17.0 15.0 22.4

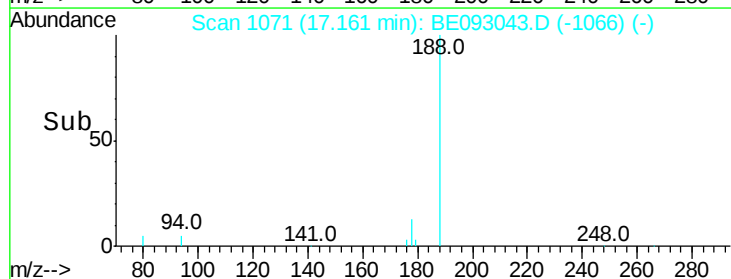
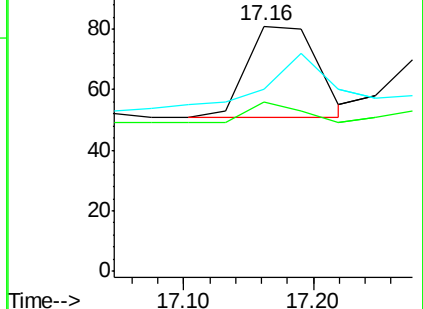
179 0.0 12.7 19.1#

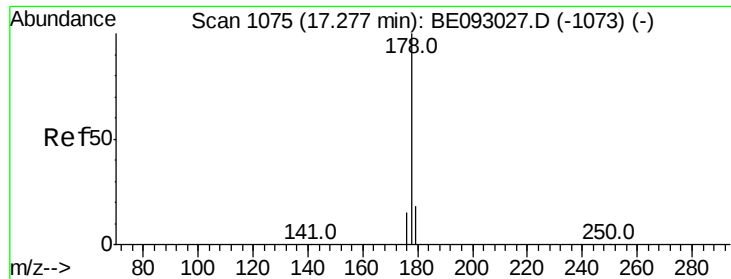


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: Below Cal

RT: 17.28 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

Instrument :

BNA_E

ClientSampleId :

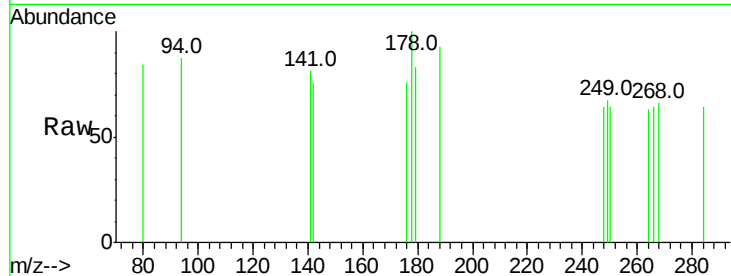
Tot Ion:178 Resp: 29

Ion Ratio Lower Upper

178 100

176 55.2 14.6 22.0#

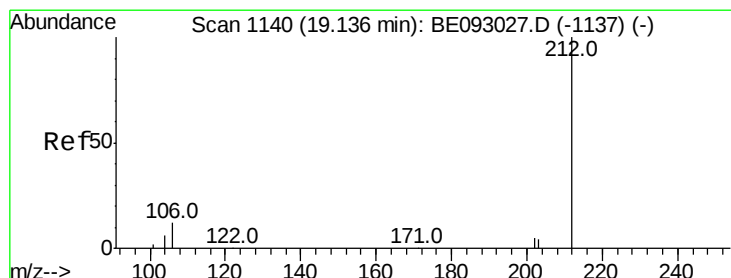
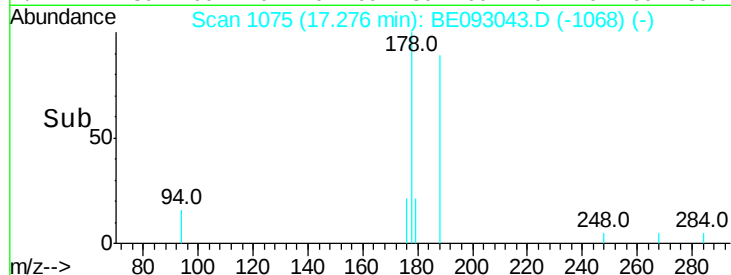
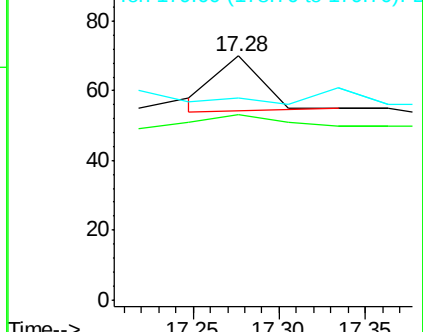
179 0.0 12.0 18.0#



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: 0.07 ng

RT: 19.14 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

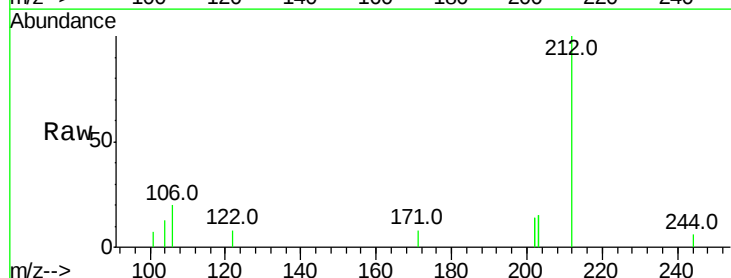
Tgt Ion:212 Resp: 1130

Ion Ratio Lower Upper

212 100

106 16.3 0.0 0.0#

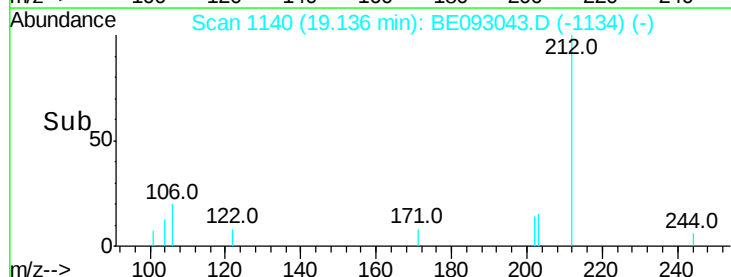
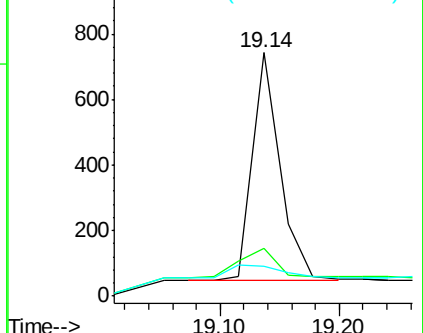
104 0.0 0.0 0.0

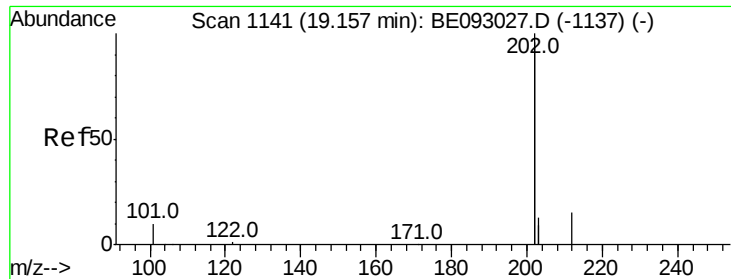


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

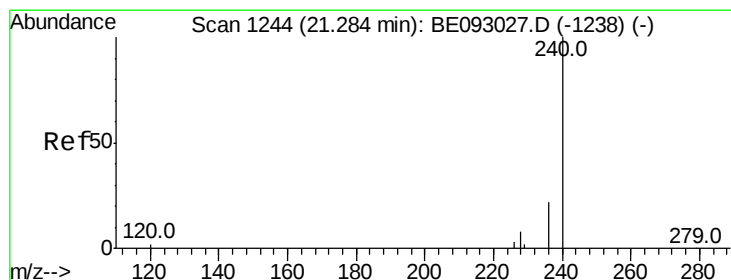
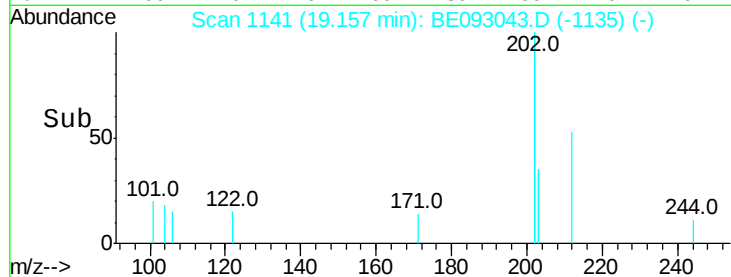
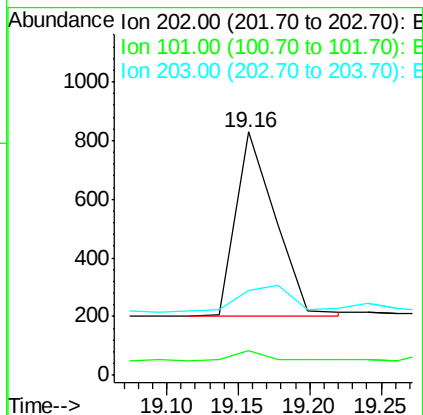
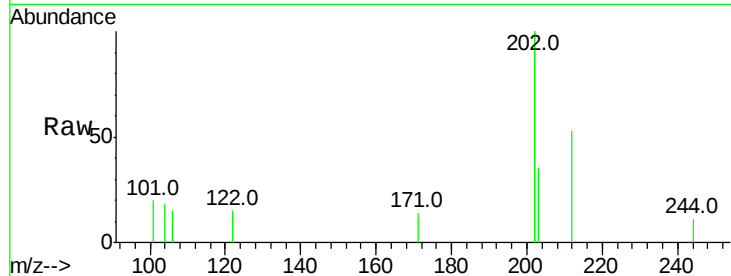




#26
 Fluoranthene
 Concen: 0.02 ng
 RT: 19.16 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BE093043.D
 Acq: 15 May 2017 20:32

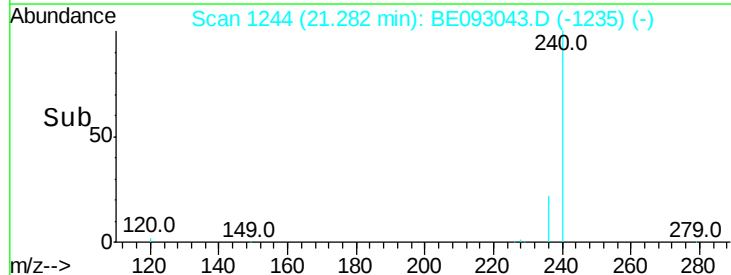
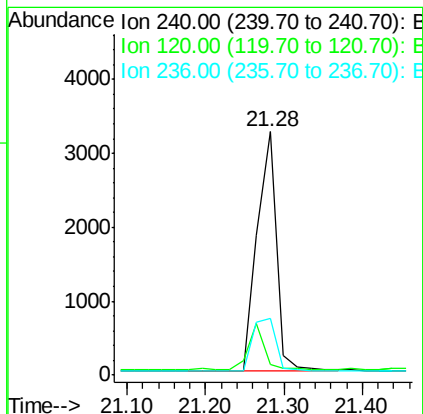
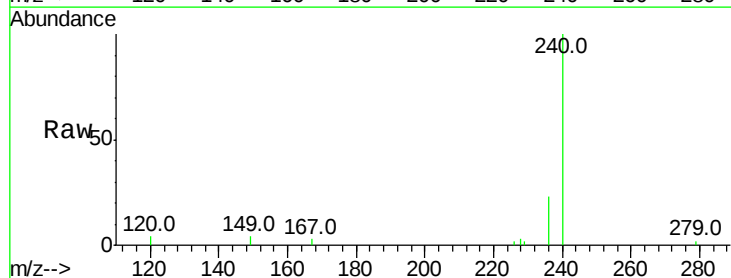
Instrument :
 BNA_E
 ClientSampled :

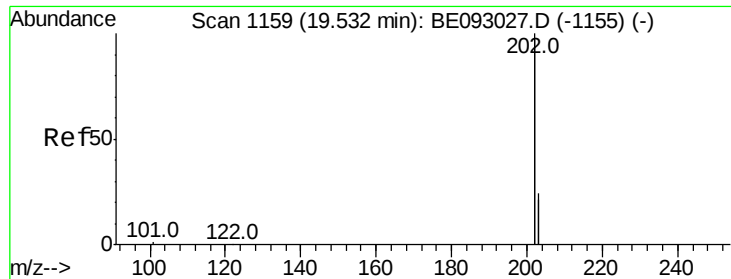
Tot Ion:202 Resp: 1222
 Ion Ratio Lower Upper
 202 100
 101 4.3 0.0 0.0#
 203 0.0 14.4 21.6#



#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.28 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BE093043.D
 Acq: 15 May 2017 20:32

Tgt Ion:240 Resp: 5668
 Ion Ratio Lower Upper
 240 100
 120 4.1 4.6 7.0#
 236 23.1 20.8 31.2

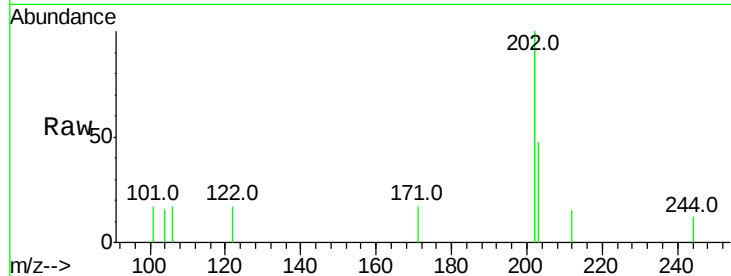




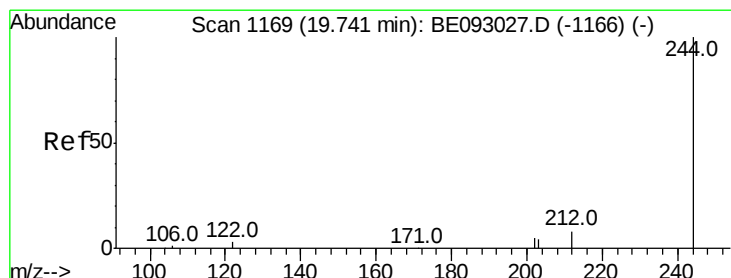
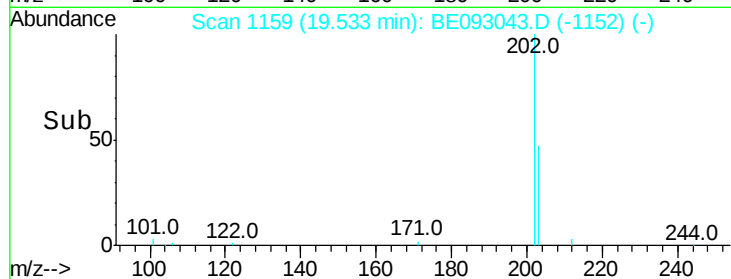
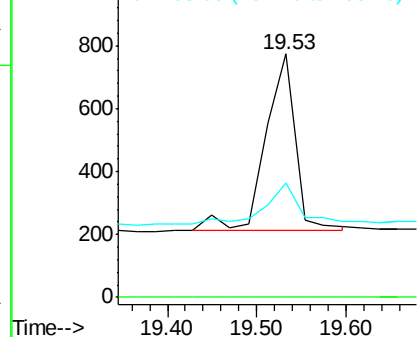
#28
Pvrene
Concen: 0.02 ng
RT: 19.53 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BE093043.D
Acq: 15 May 2017 20:32

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 1284
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 28.0 13.7 20.5#

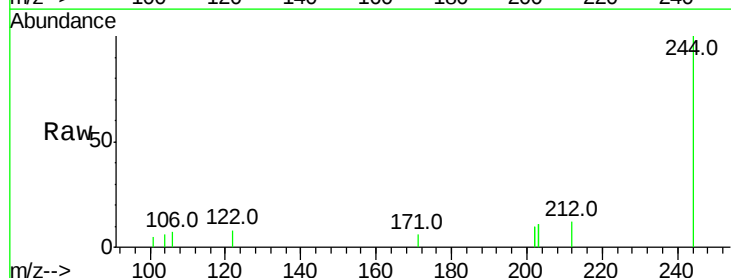


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

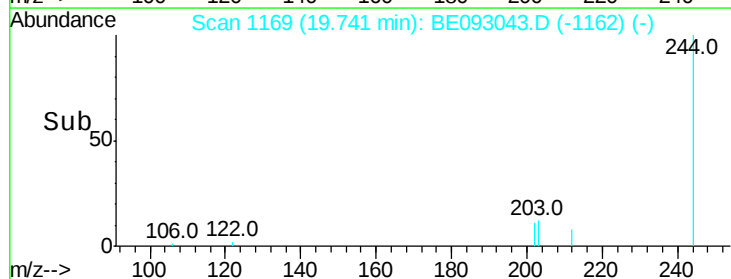
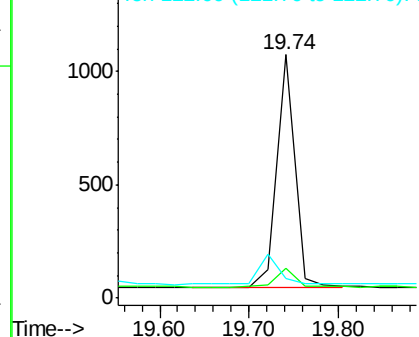


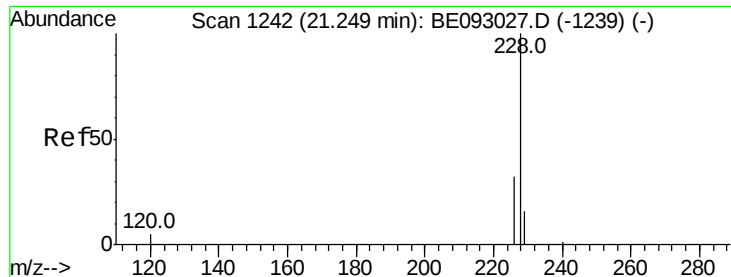
#29
Terphenyl-d14
Concen: 0.14 ng
RT: 19.74 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BE093043.D
Acq: 15 May 2017 20:32

Tgt Ion:244 Resp: 1462
Ion Ratio Lower Upper
244 100
212 12.1 10.6 16.0
122 8.2 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





#30

Benzo(a)anthracene

Concen: 0.01 ng

RT: 21.27 min Scan# 1243

Delta R.T. 0.02 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

Instrument :

BNA_E

ClientSampleId :

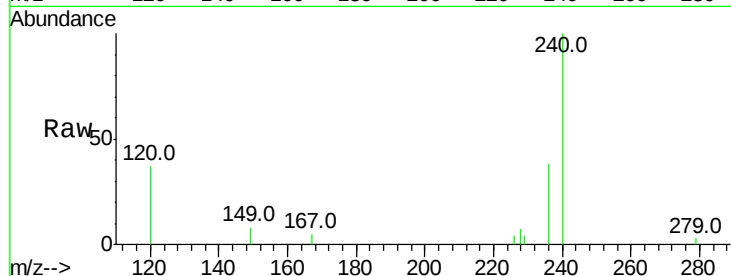
Tot Ion:228 Resp: 196

Ion Ratio Lower Upper

228 100

226 56.6 19.7 29.5#

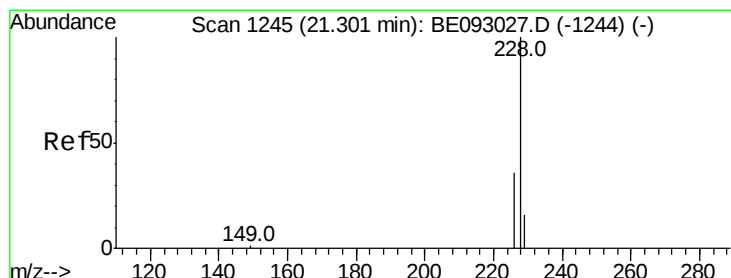
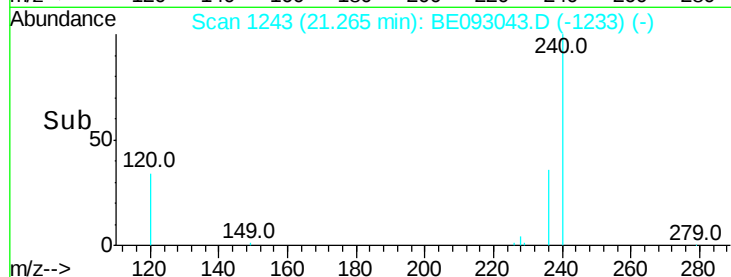
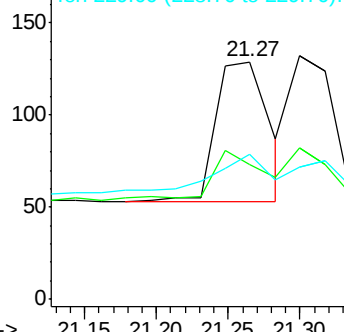
229 61.2 19.2 28.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.01 ng

RT: 21.27 min Scan# 1243

Delta R.T. -0.04 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

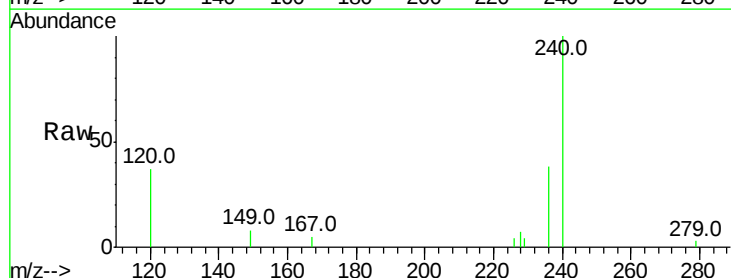
Tgt Ion:228 Resp: 196

Ion Ratio Lower Upper

228 100

226 56.6 21.5 32.3#

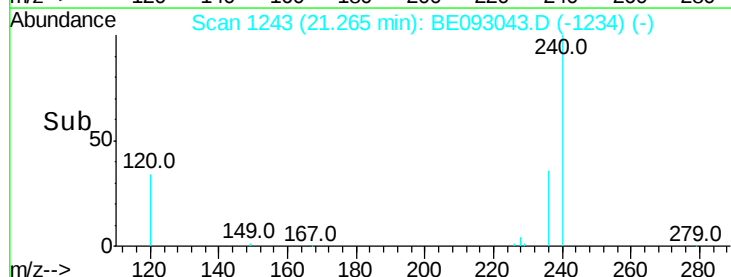
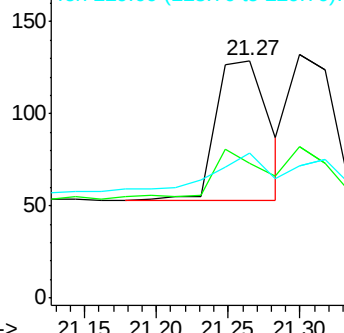
229 61.2 18.6 28.0#

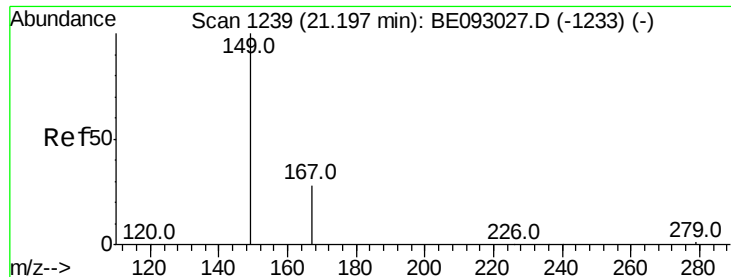


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.06 ng

RT: 21.20 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

Instrument :

BNA_E

ClientSampleId :

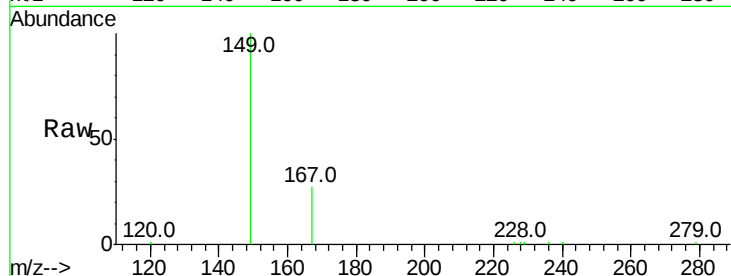
Tot Ion:149 Resp: 9041

Ion Ratio Lower Upper

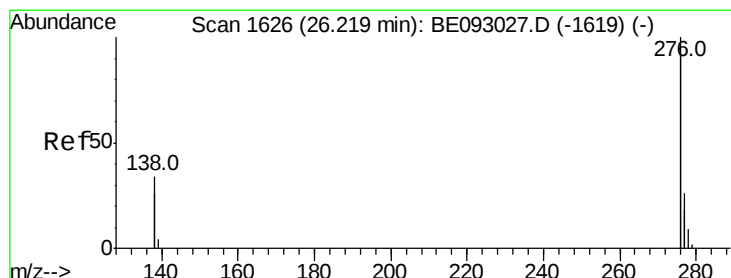
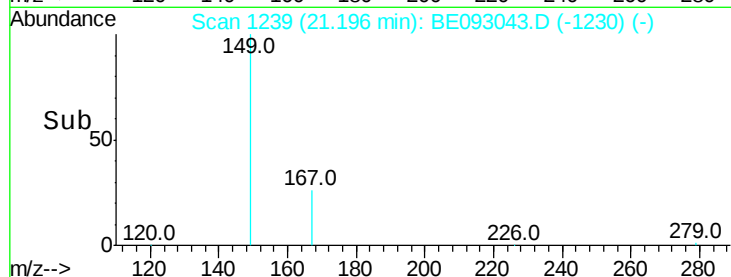
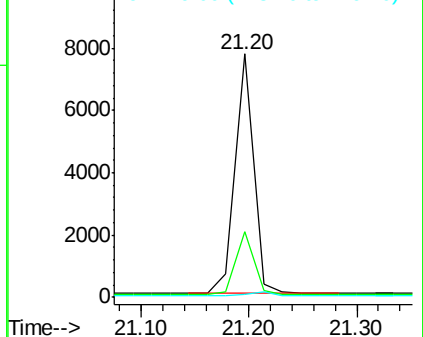
149 100

167 26.0 20.1 30.1

279 2.3 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



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng

RT: 26.22 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

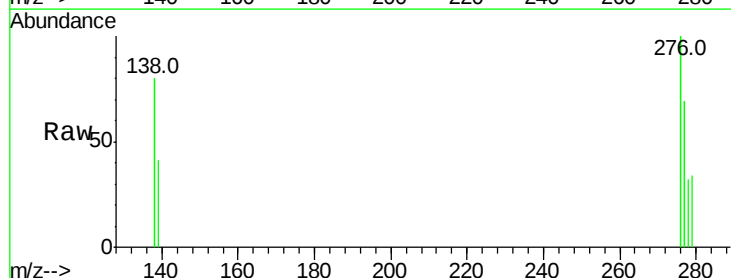
Tgt Ion:276 Resp: 566

Ion Ratio Lower Upper

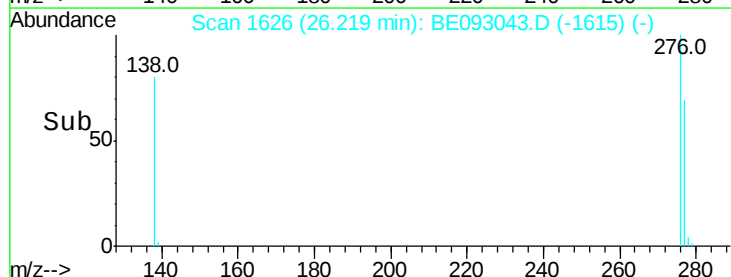
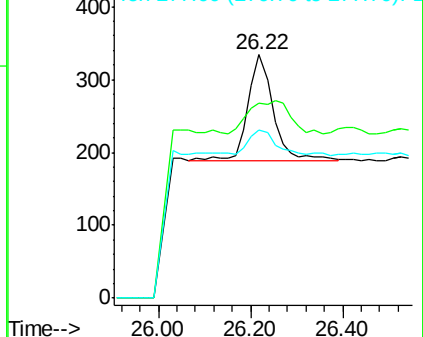
276 100

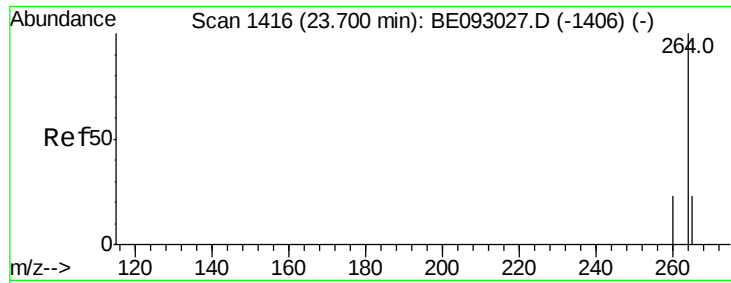
138 0.0 27.4 41.2#

277 21.4 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

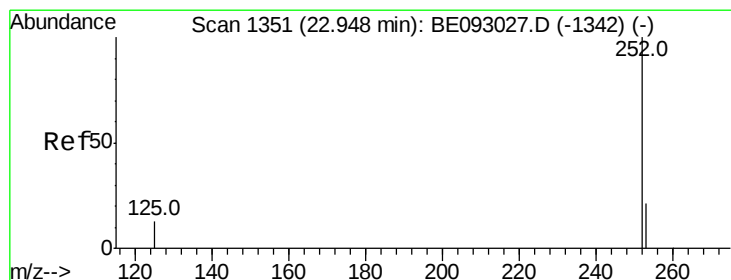
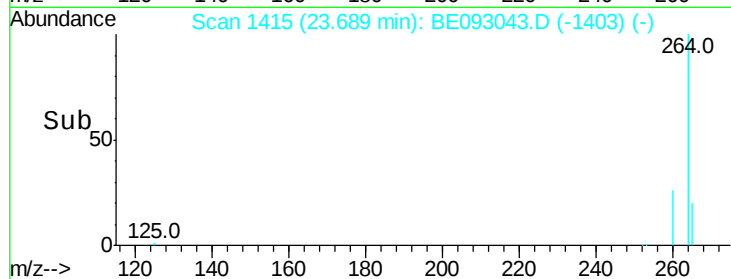
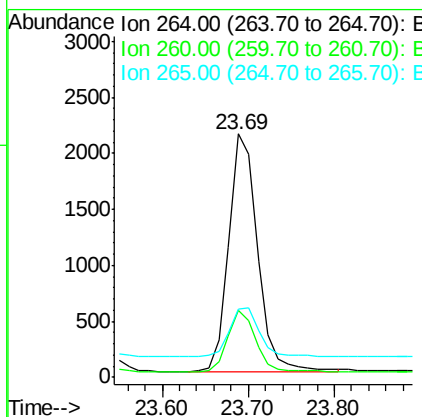
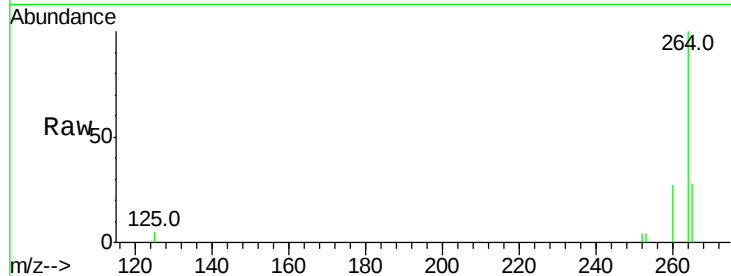




#34
 Pervlene-d12
 Concen: 0.40 ng
 RT: 23.69 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BE093043.D
 Acq: 15 May 2017 20:32

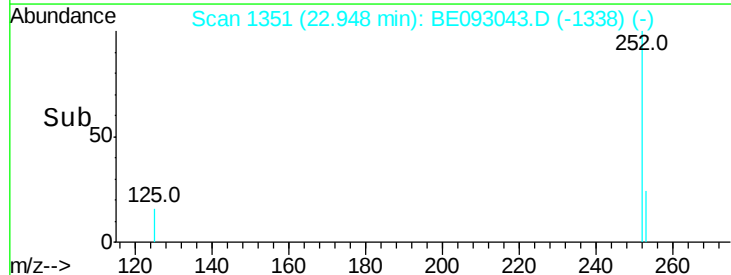
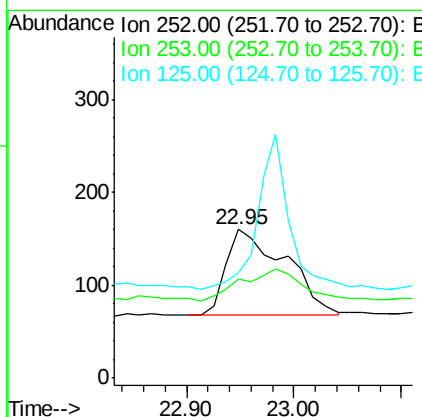
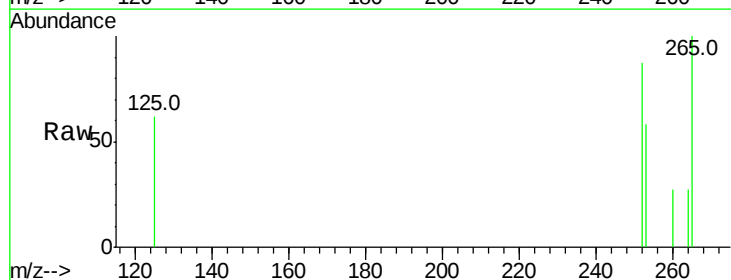
Instrument :
 BNA_E
 ClientSampleId :

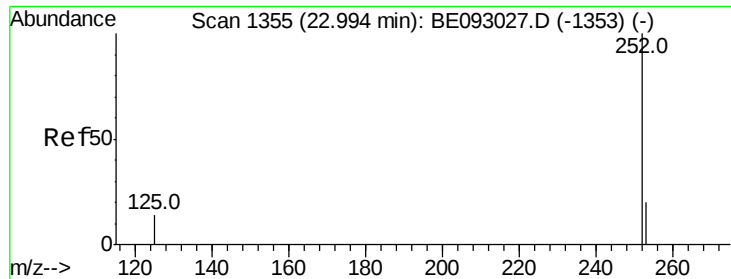
Tot Ion:264 Resp: 4914
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.0 31.4
 265 28.2 24.6 36.8



#35
 Benzo(b)fluoranthene
 Concen: 0.02 ng
 RT: 22.95 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BE093043.D
 Acq: 15 May 2017 20:32

Tgt Ion:252 Resp: 351
 Ion Ratio Lower Upper
 252 100
 253 66.3 18.5 27.7#
 125 71.3 13.4 20.0#

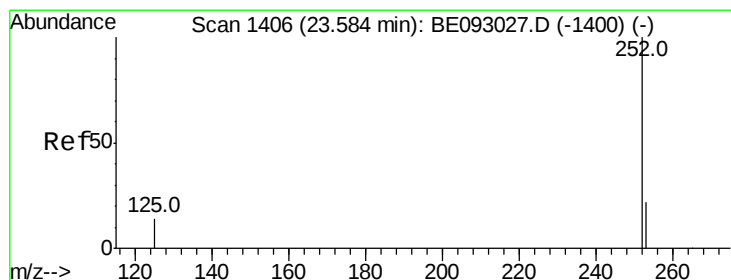
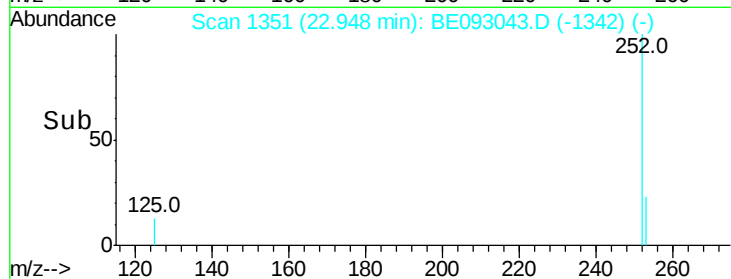
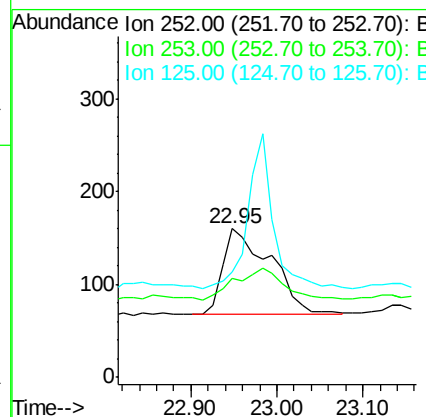
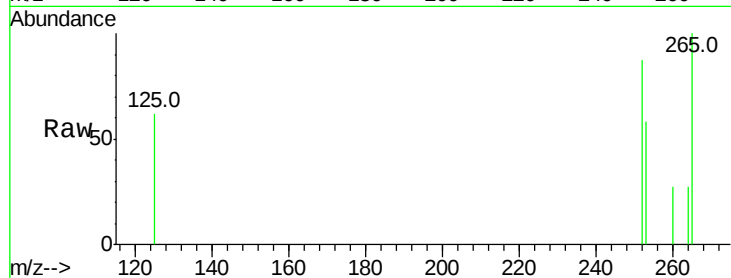




#36
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.95 min Scan# 1351
Delta R.T. -0.05 min
Lab File: BE093043.D
Acq: 15 May 2017 20:32

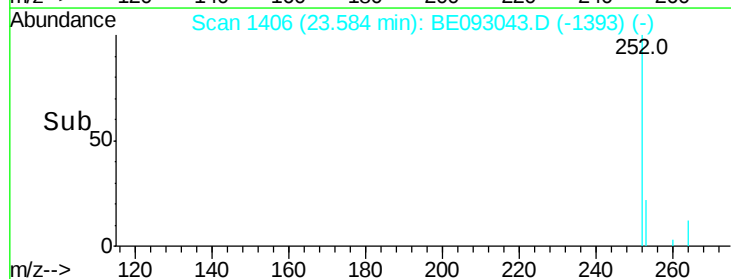
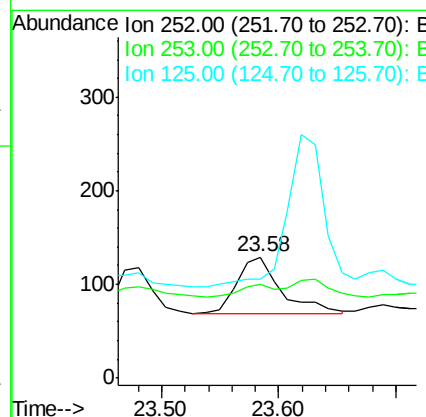
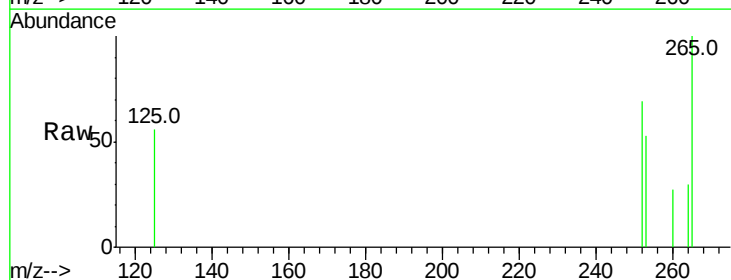
Instrument :
BNA_E
ClientSampleId :

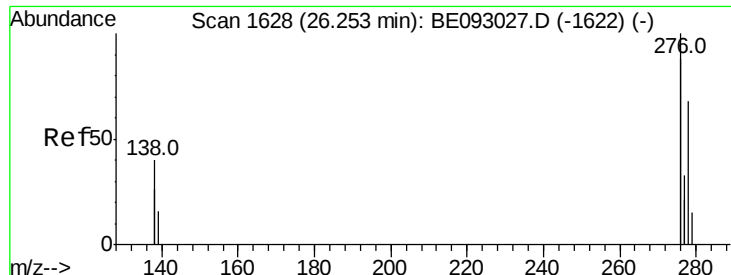
Tot Ion:252 Resp: 355
Ion Ratio Lower Upper
252 100
253 66.3 20.3 30.5#
125 71.3 12.2 18.4#



#37
Benzo(a)pyrene
Concen: 0.01 ng
RT: 23.58 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BE093043.D
Acq: 15 May 2017 20:32

Tgt Ion:252 Resp: 163
Ion Ratio Lower Upper
252 100
253 77.5 19.9 29.9#
125 81.4 14.6 21.8#





#38

Dibenzo(a,h)anthracene

Concen: 0.00 ng

RT: 26.25 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

Instrument :

BNA_E

ClientSampleId :

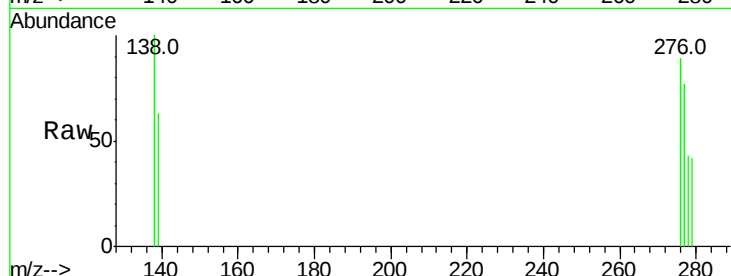
Tot Ion:278 Resp: 40

Ion Ratio Lower Upper

278 100

139 146.6 21.4 32.0#

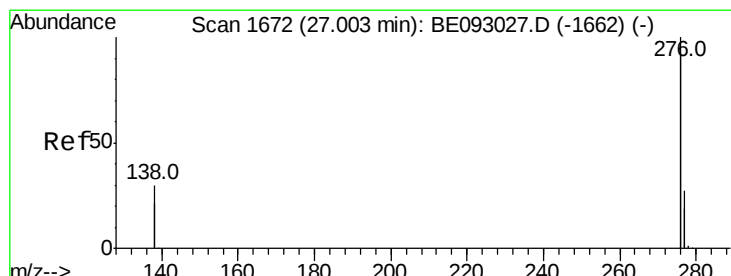
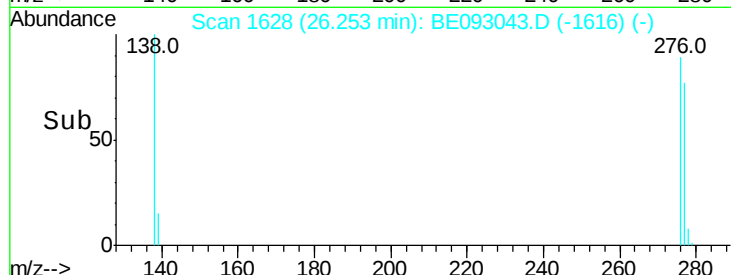
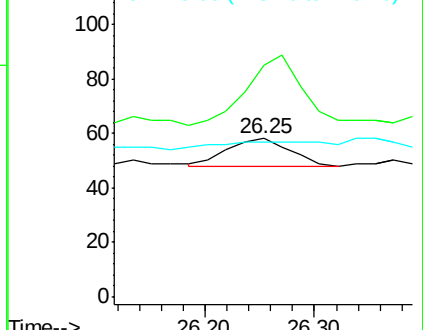
279 98.3 22.2 33.2#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 0.01 ng

RT: 27.00 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BE093043.D

Acq: 15 May 2017 20:32

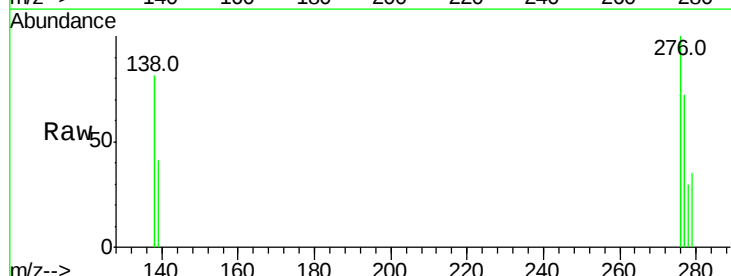
Tgt Ion:276 Resp: 528

Ion Ratio Lower Upper

276 100

277 71.7 21.2 31.8#

138 81.1 24.5 36.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

