

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051517\
 Data File : BE093039.D
 Acq On : 15 May 2017 18:03
 Operator : SJ/MA
 Sample : I3079-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 16 01:12:41 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	1154	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	4802	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	2435	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	7771	0.40	ng	0.00
27) Chrysene-d12	21.27	240	7036	0.40	ng	-0.02
34) Perylene-d12	23.69	264	6125	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	591	0.17	ng	0.00
5) Phenol-d6	6.92	99	534	0.11	ng	0.00
8) Nitrobenzene-d5	8.88	82	1428	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	2233	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	353	0.49	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	4983	0.50	ng	0.00
25) Fluoranthene-d10	19.14	212	6518	0.32	ng	0.00
29) Terphenyl-d14	19.74	244	7840	0.60	ng	0.00

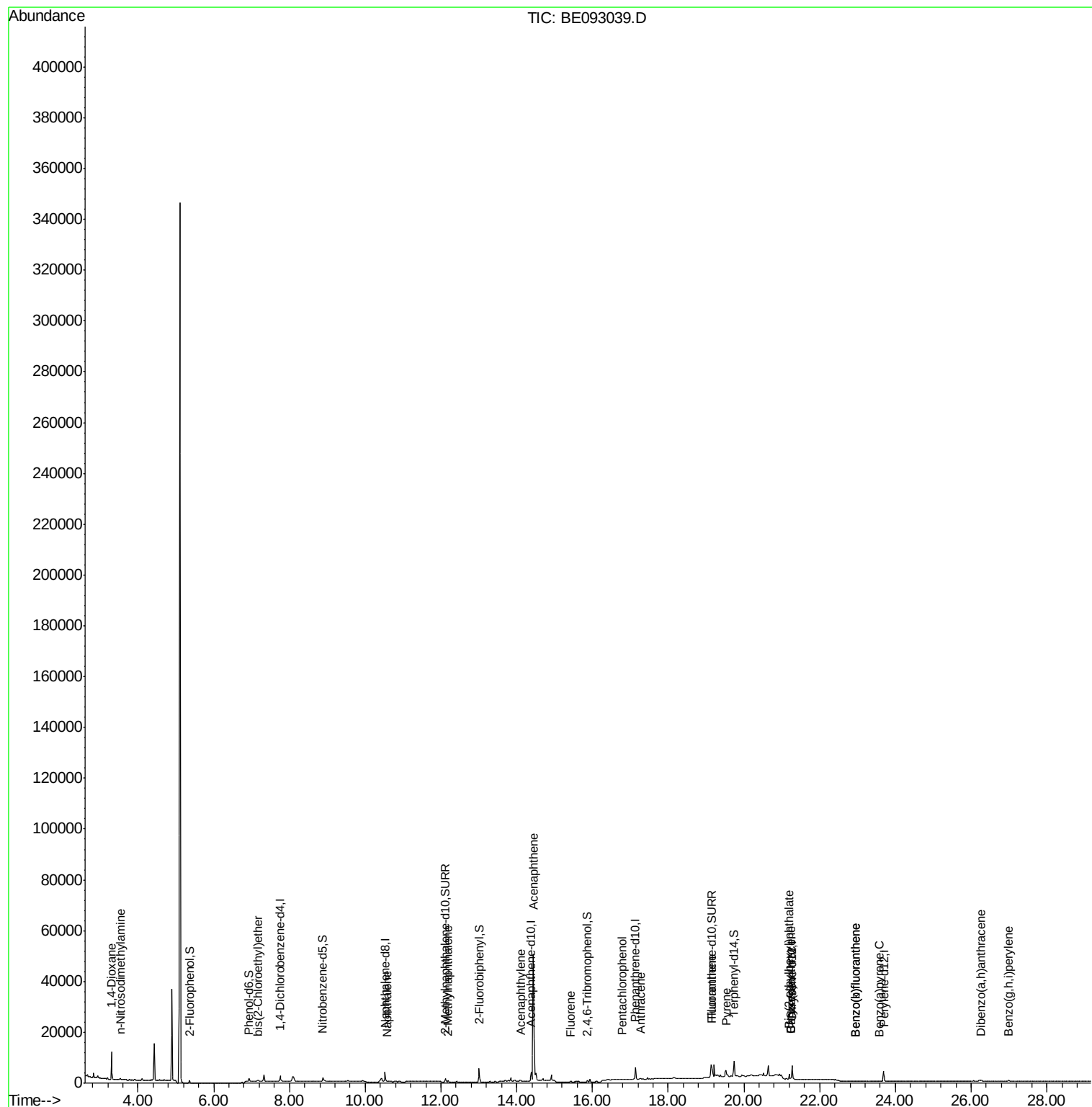
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	6410	3.01	ng	# 94
3) n-Nitrosodimethylamine	3.54	42	180	0.09	ng	# 1
6) bis(2-Chloroethyl)ether	7.18	93	522	0.13	ng	# 98
9) Naphthalene	10.56	128	399	0.03	ng	# 56
12) 2-Methylnaphthalene	12.19	142	408	0.05	ng	# 89
16) Acenaphthylene	14.10	152	695	0.02	ng	# 62
17) Acenaphthene	14.44	154	10278	1.34	ng	# 92
18) Fluorene	15.43	166	294	0.03	ng	# 60
21) Hexachlorobenzene	16.47	284	3	Below Cal		# 100
22) Pentachlorophenol	16.79	266	38	0.02	ng	# 85
24) Anthracene	17.28	178	1519	0.03	ng	# 61
26) Fluoranthene	19.16	202	4433	0.05	ng	# 98
28) Pyrene	19.53	202	5014	0.06	ng	# 93
30) Benzo(a)anthracene	21.25	228	271	0.01	ng	# 1
31) Chrysene	21.25	228	283	0.01	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.20	149	2147	0.26	ng	# 92
35) Benzo(b)fluoranthene	22.95	252	70	0.00	ng	# 1
36) Benzo(k)fluoranthene	22.95	252	70	0.00	ng	# 1
37) Benzo(a)pyrene	23.57	252	50	0.00	ng	# 1
38) Dibenzo(a,h)anthracene	26.25	278	61	0.00	ng	# 1
39) Benzo(g,h,i)perylene	26.99	276	141	0.00	ng	# 1

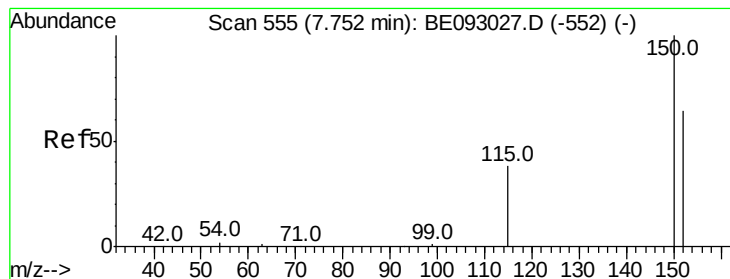
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093039.D

Acq: 15 May 2017 18:03

Instrument :

BNA_E

ClientSampleId :

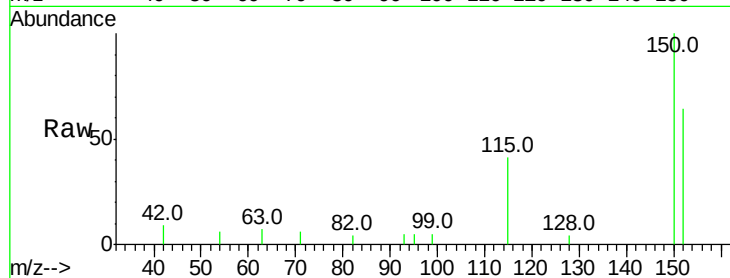
Tot Ion:152 Resp: 1154

Ion Ratio Lower Upper

152 100

150 156.2 125.1 187.7

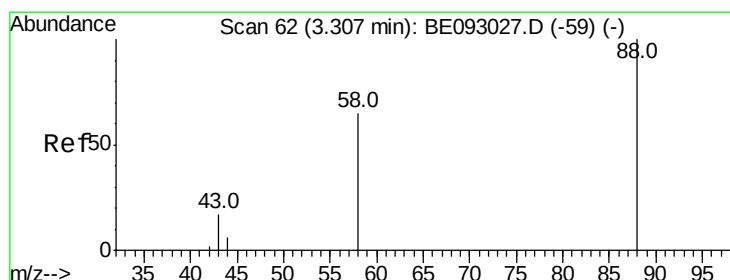
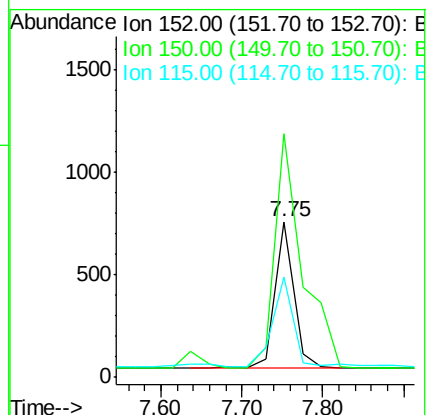
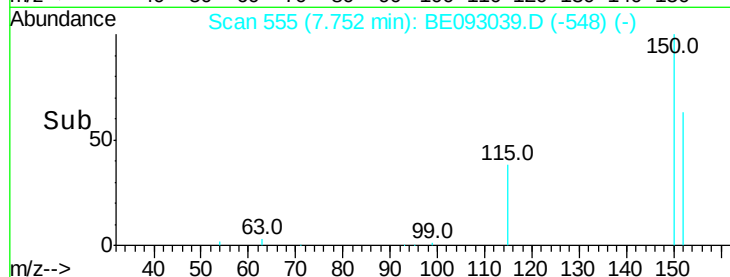
115 64.3 55.7 83.5



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: 3.01 ng

RT: 3.31 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

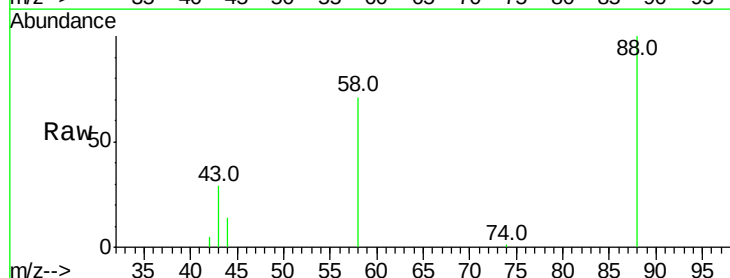
Tgt Ion: 88 Resp: 6410

Ion Ratio Lower Upper

88 100

58 80.8 62.2 93.4

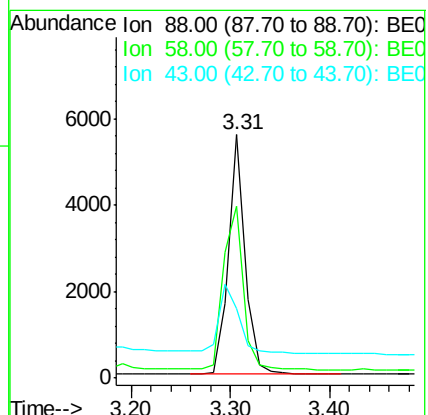
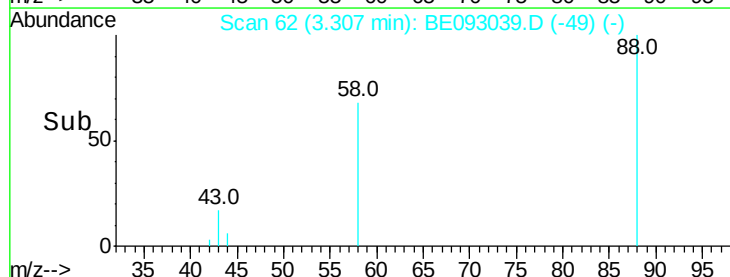
43 35.9 23.2 34.8#

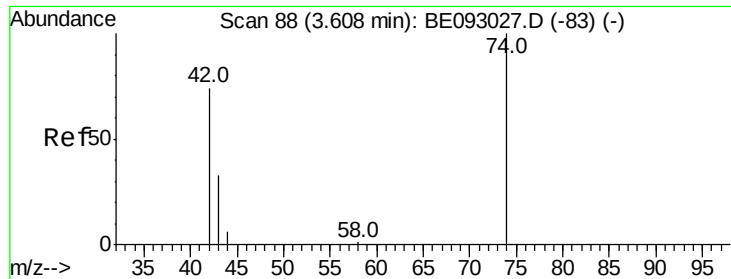


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.09 ng

RT: 3.54 min Scan# 82

Delta R.T. -0.07 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

Instrument :

BNA_E

ClientSampleId :

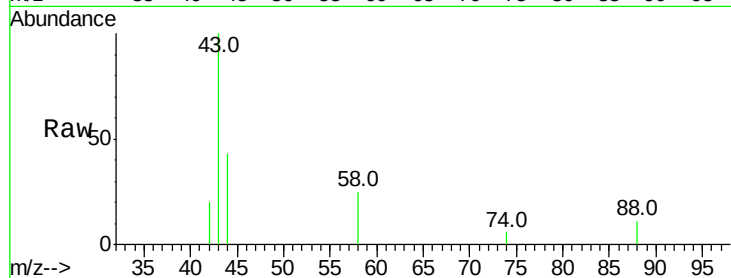
Tot Ion: 42 Resp: 180

Ion Ratio Lower Upper

42 100

74 0.0 99.1 148.7#

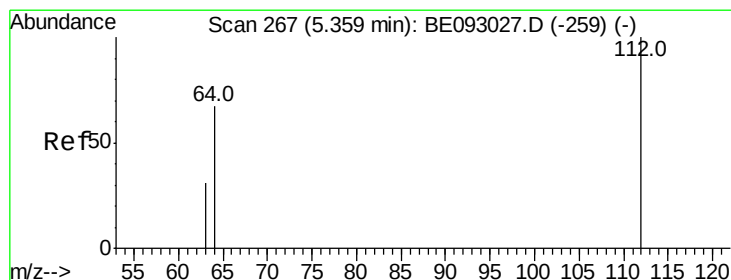
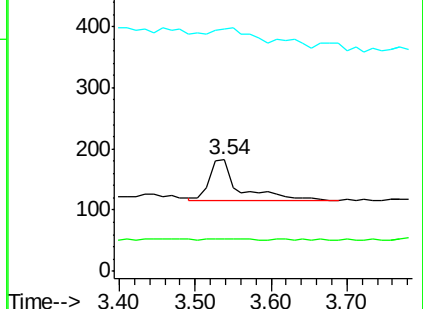
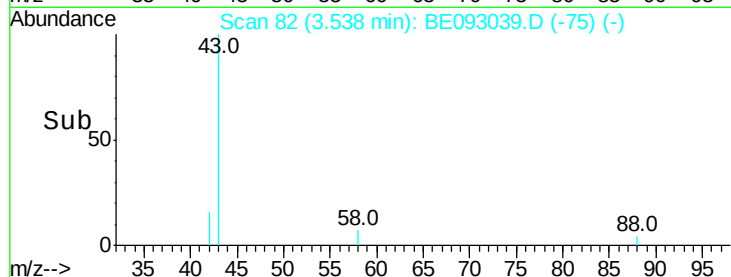
44 38.9 7.4 11.2#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.17 ng

RT: 5.36 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

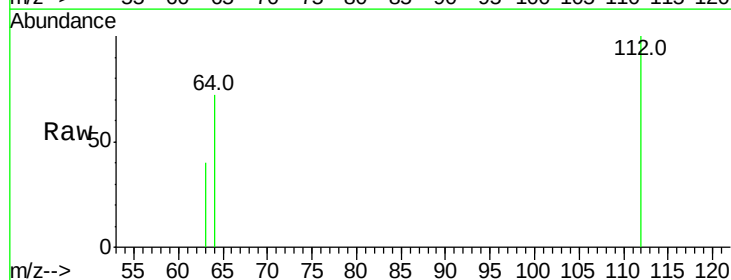
Tgt Ion: 112 Resp: 591

Ion Ratio Lower Upper

112 100

64 71.2 56.4 84.6

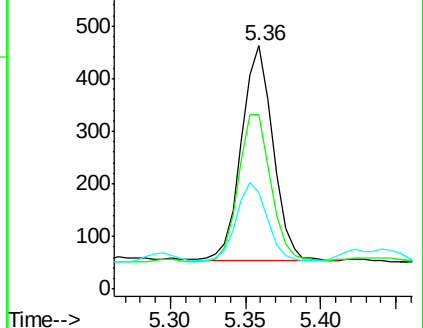
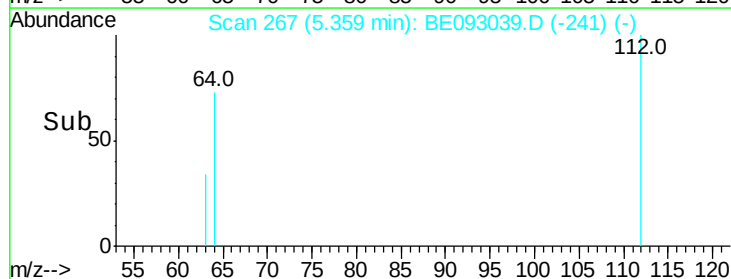
63 35.4 29.3 43.9

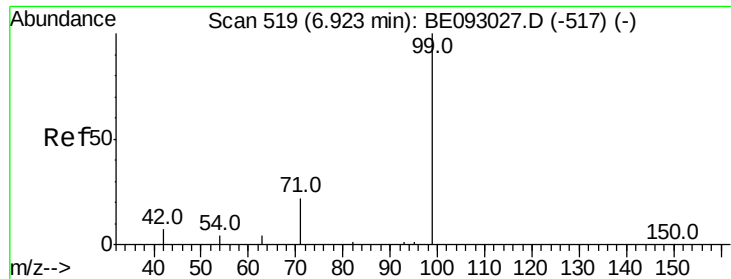


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.11 ng

RT: 6.92 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

Instrument :

BNA_E

ClientSampleId :

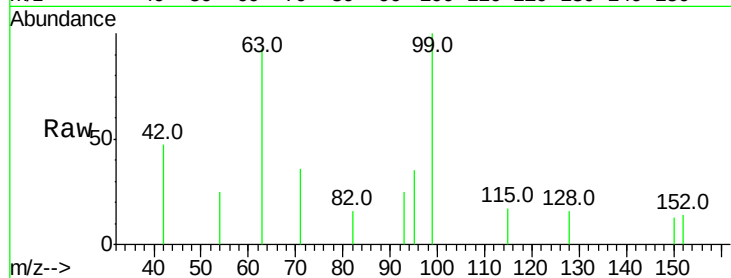
Tot Ion: 99 Resp: 534

Ion Ratio Lower Upper

99 100

42 48.1 0.0 0.0#

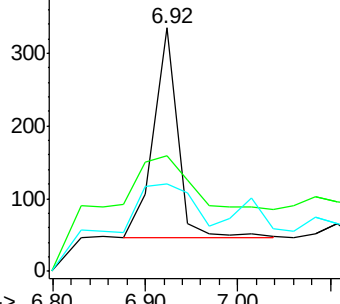
71 54.1 0.0 0.0#



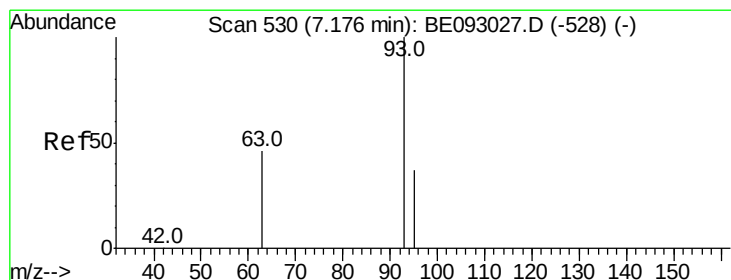
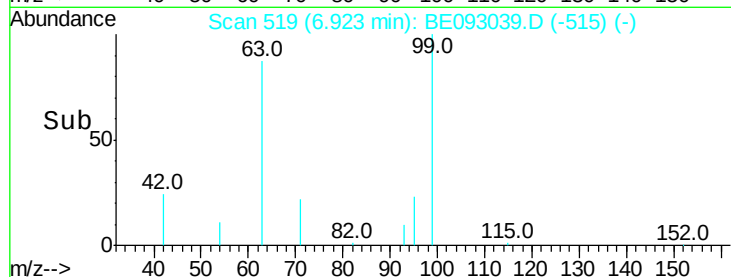
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.80 6.90 7.00



#6

bis(2-Chloroethyl)ether

Concen: 0.13 ng

RT: 7.18 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

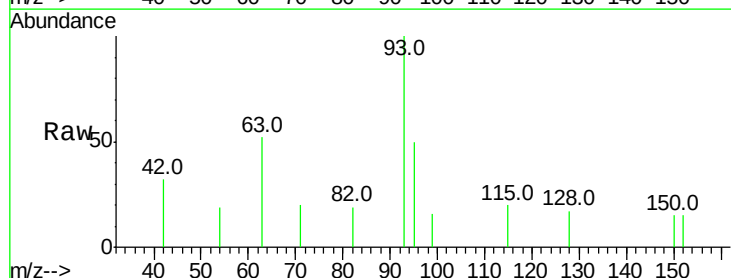
Tgt Ion: 93 Resp: 522

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

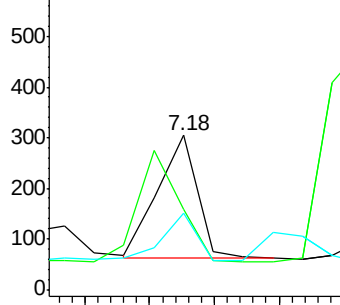
95 32.6 25.4 38.0



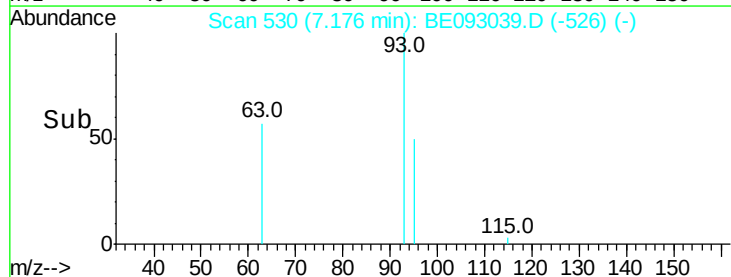
Abundance Ion 93.00 (92.70 to 93.70): BE0

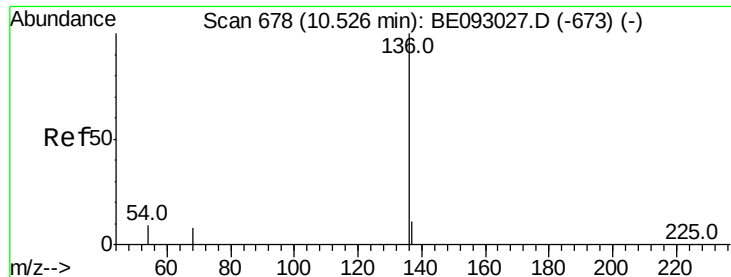
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.10 7.15 7.20 7.25





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4802

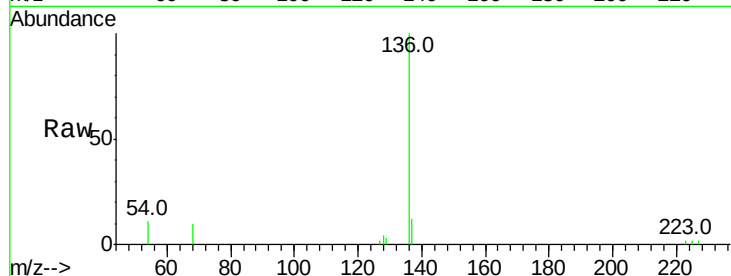
Ion Ratio Lower Upper

136 100

137 12.0 9.8 14.8

54 10.5 10.3 15.5

68 10.3 9.0 13.4

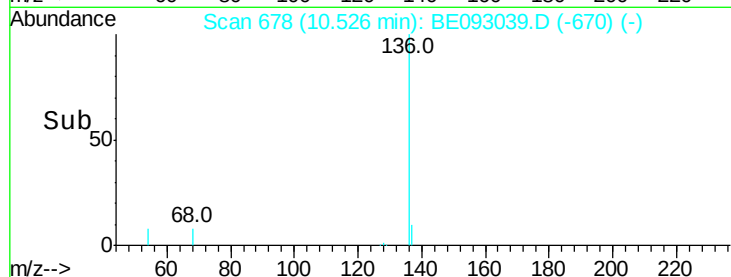


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

10.53

4000

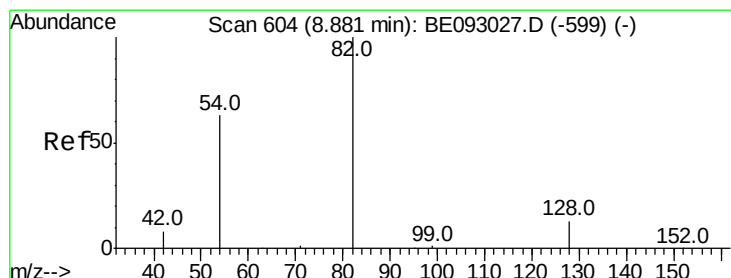
3000

2000

1000

0

Time-->



#8

Nitrobenzene-d5

Concen: 0.34 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

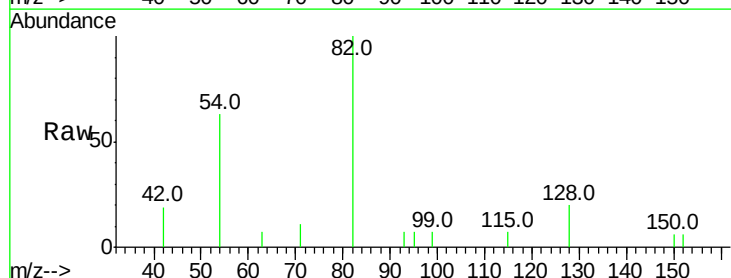
Tgt Ion: 82 Resp: 1428

Ion Ratio Lower Upper

82 100

128 19.5 17.0 25.4

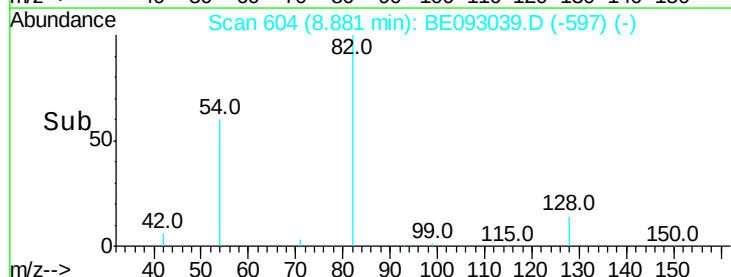
54 63.4 53.8 80.6



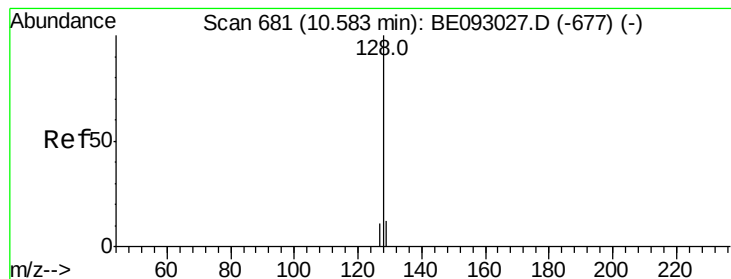
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.03 ng

RT: 10.56 min Scan# 680

Delta R.T. -0.02 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

Instrument :

BNA_E

ClientSampled :

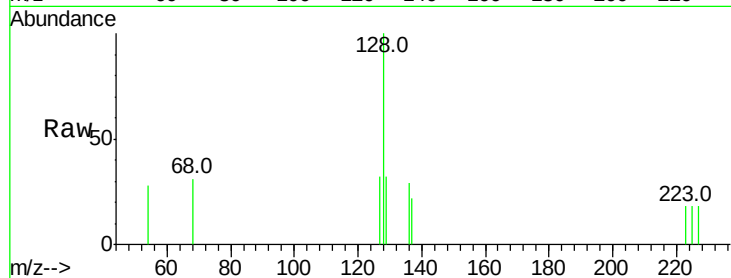
Tot Ion:128 Resp: 399

Ion Ratio Lower Upper

128 100

129 32.1 11.4 17.0#

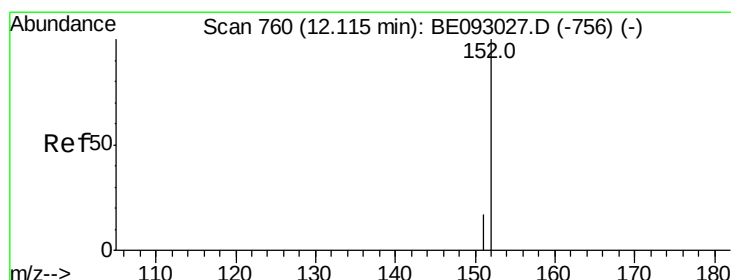
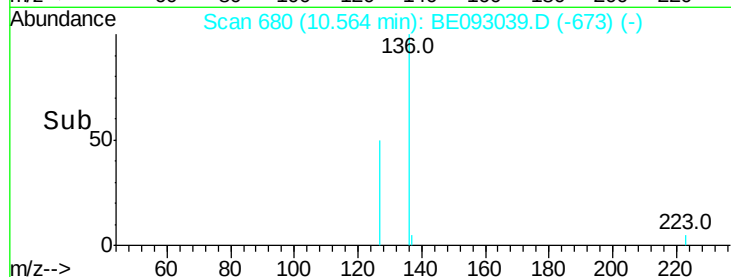
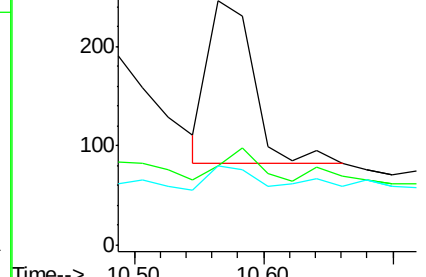
127 32.1 11.2 16.8#



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: 0.32 ng

RT: 12.11 min Scan# 760

Delta R.T. -0.00 min

Lab File: BE093039.D

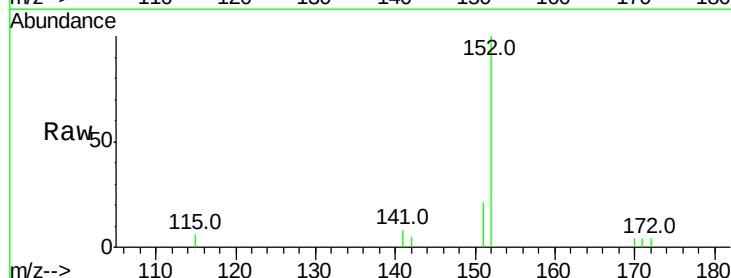
Acq: 15 May 2017 18:03

Tgt Ion:152 Resp: 2233

Ion Ratio Lower Upper

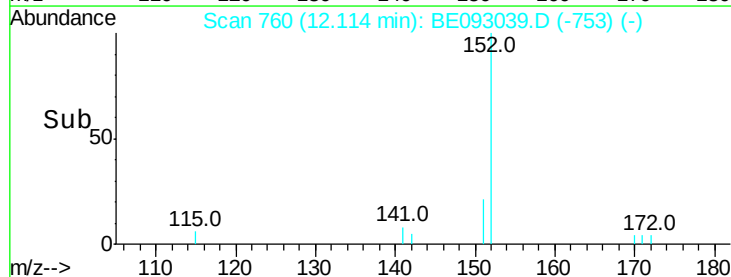
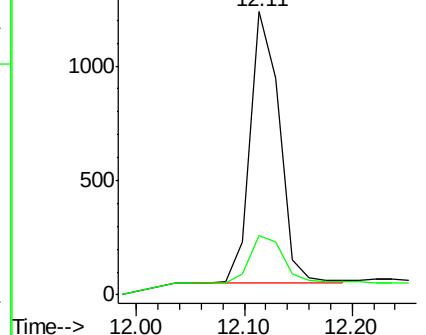
152 100

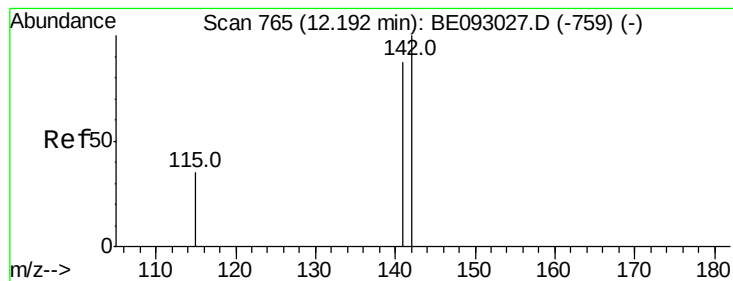
151 20.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.05 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

Instrument :

BNA_E

ClientSampleId :

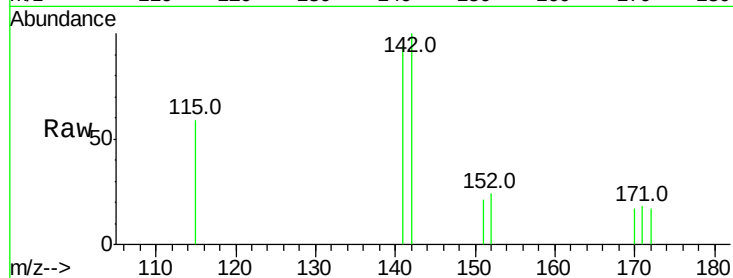
Tot Ion:142 Resp: 408

Ion Ratio Lower Upper

142 100

141 93.7 72.6 108.8

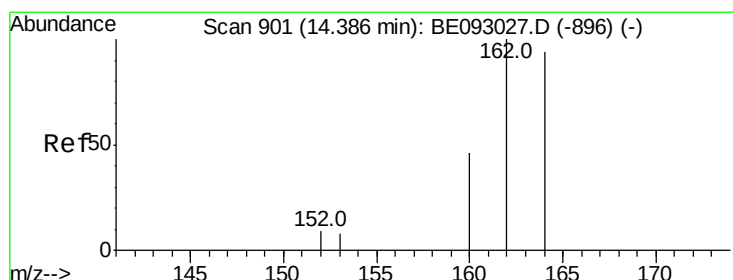
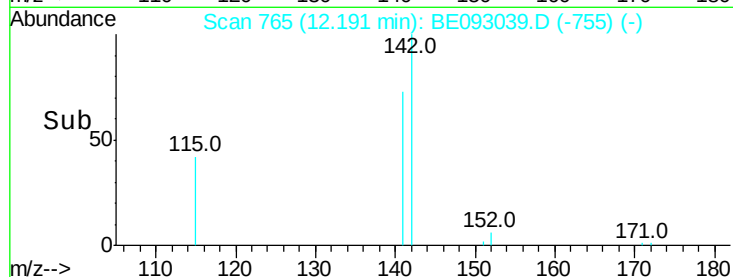
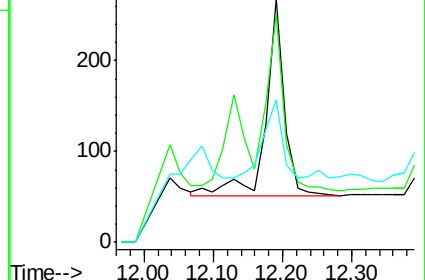
115 58.6 32.2 48.2#



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: BE093039.D

Acq: 15 May 2017 18:03

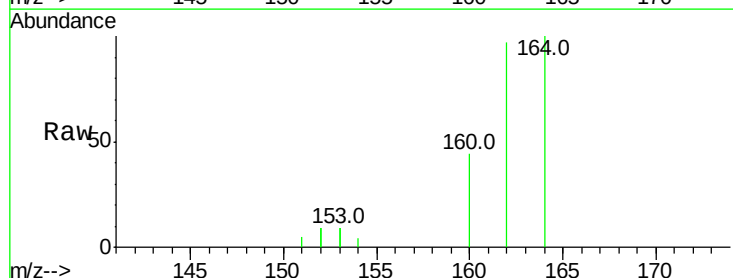
Tgt Ion:164 Resp: 2435

Ion Ratio Lower Upper

164 100

162 97.3 84.6 127.0

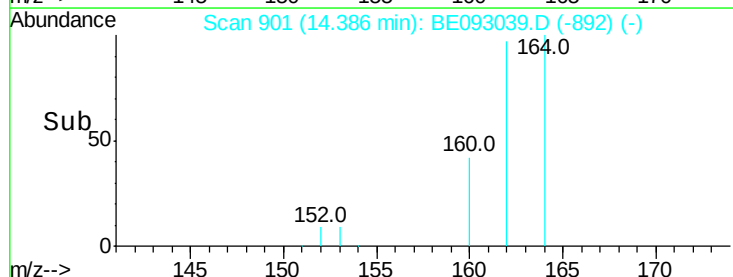
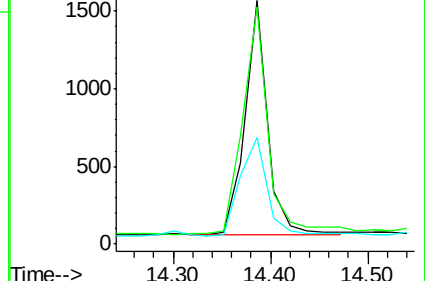
160 43.9 41.8 62.6

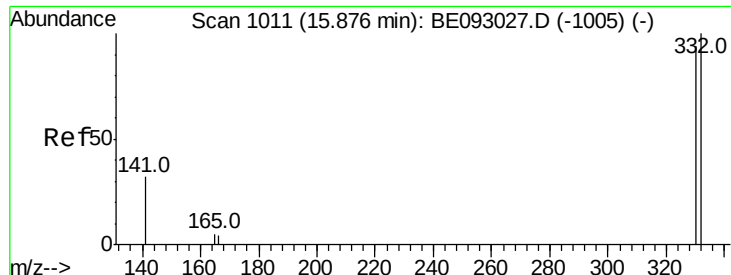


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

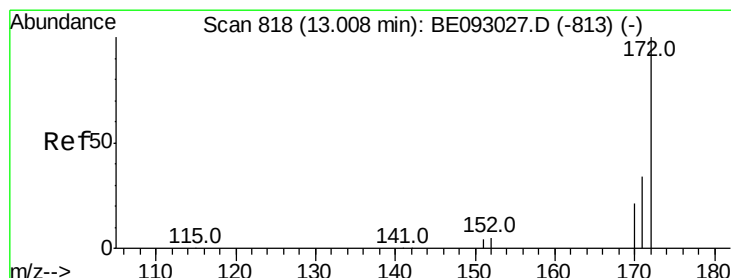
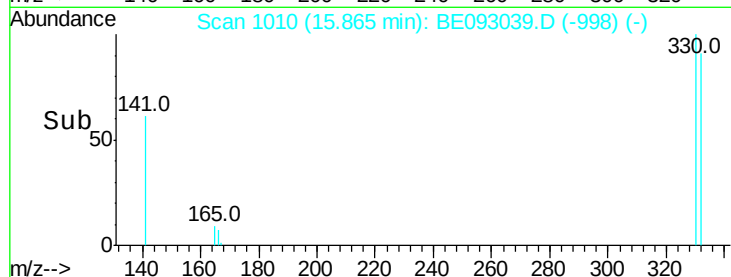
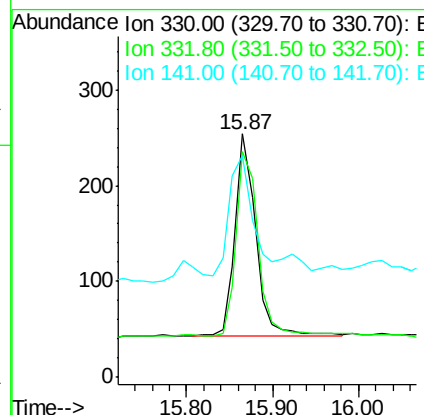
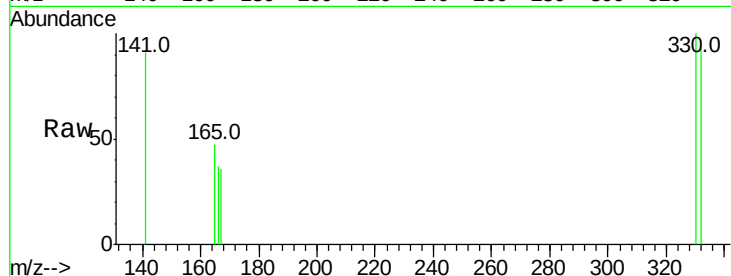




#14
 2,4,6-Tribromophenol
 Concen: 0.49 ng
 RT: 15.87 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BE093039.D
 Acq: 15 May 2017 18:03

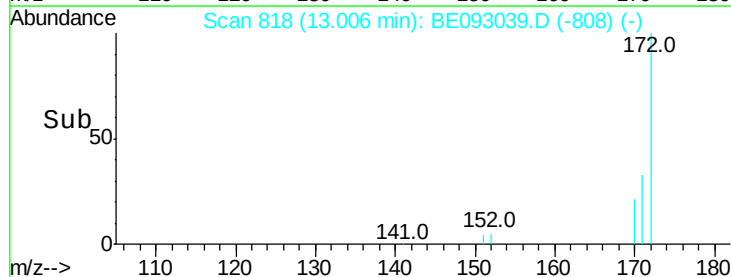
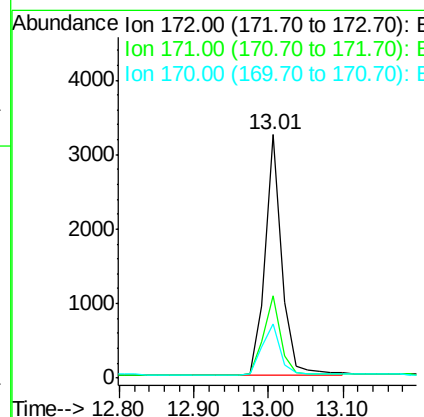
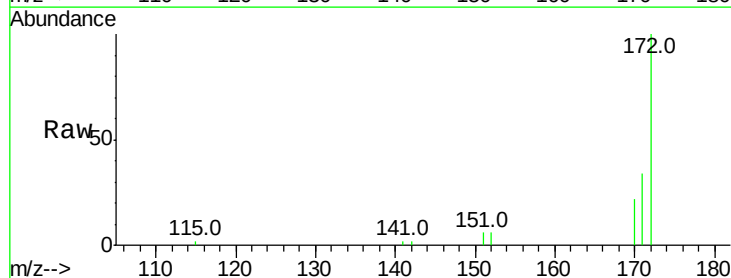
Instrument :
 BNA_E
 ClientSampleId :

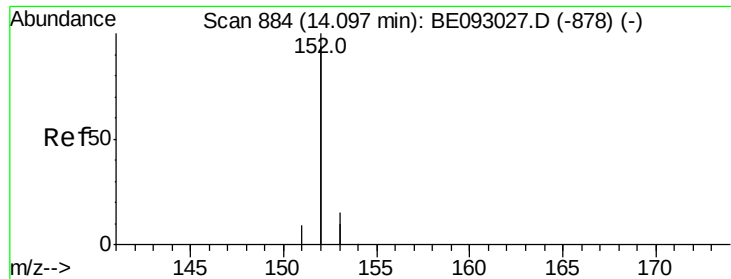
Tot Ion:330 Resp: 353
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.7 116.5
 141 67.4 56.2 84.4



#15
 2-Fluorobiphenyl
 Concen: 0.50 ng
 RT: 13.01 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BE093039.D
 Acq: 15 May 2017 18:03

Tgt Ion:172 Resp: 4983
 Ion Ratio Lower Upper
 172 100
 171 34.0 29.8 44.6
 170 22.1 20.7 31.1

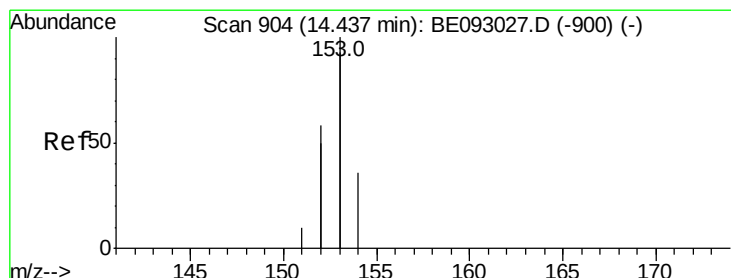
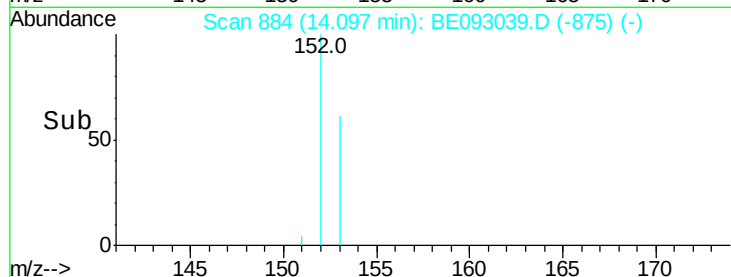
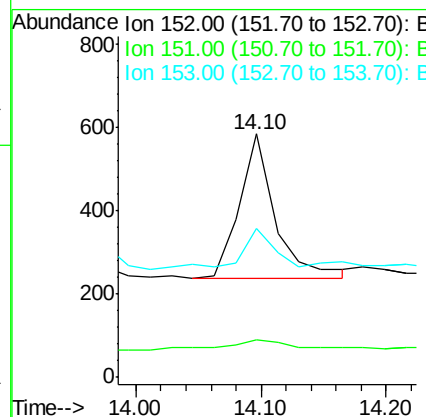
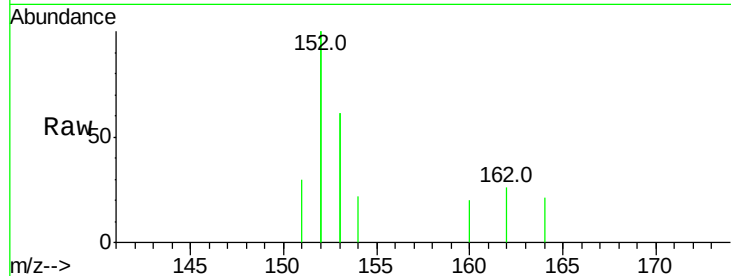




#16
Acenaphthylene
Concen: 0.02 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

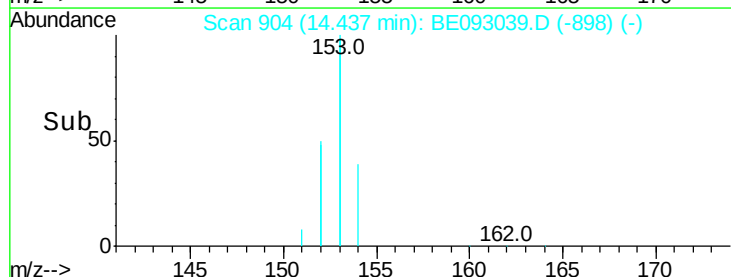
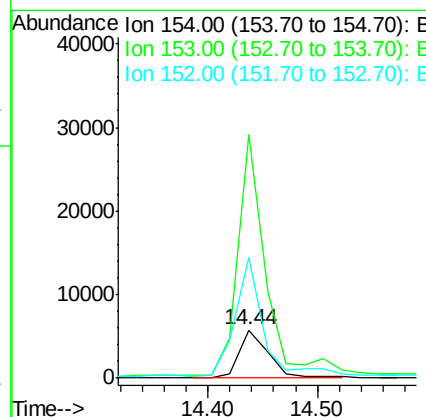
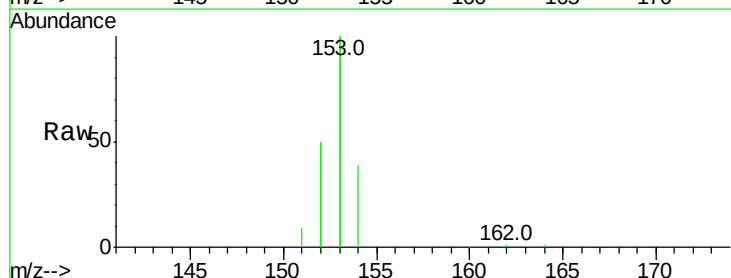
Instrument :
BNA_E
ClientSampleId :

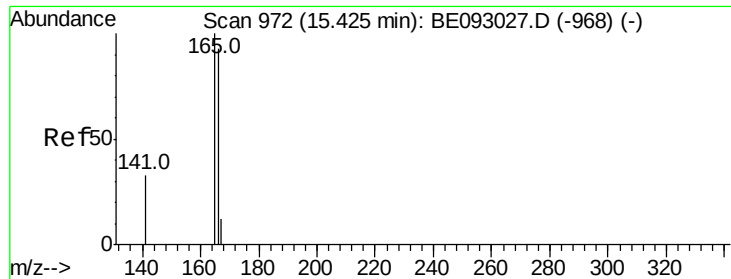
Tot Ion:152 Resp: 695
Ion Ratio Lower Upper
152 100
151 12.2 4.0 6.0#
153 30.4 10.3 15.5#



#17
Acenaphthene
Concen: 1.34 ng
RT: 14.44 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Tgt Ion:154 Resp: 10278
Ion Ratio Lower Upper
154 100
153 487.6 367.8 551.6
152 238.7 188.2 282.2





#18

Fluorene

Concen: 0.03 ng

RT: 15.43 min Scan# 972

Delta R.T. 0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

Instrument :

BNA_E

ClientSampleId :

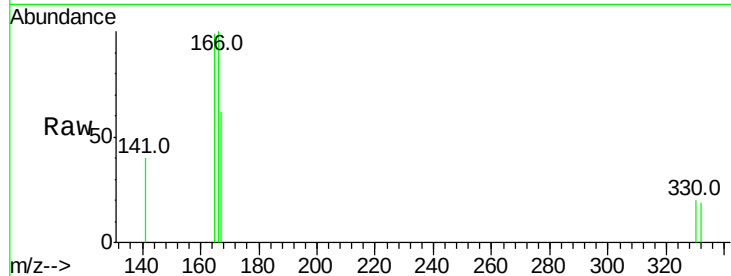
Tot Ion:166 Resp: 294

Ion Ratio Lower Upper

166 100

165 71.4 78.6 117.8#

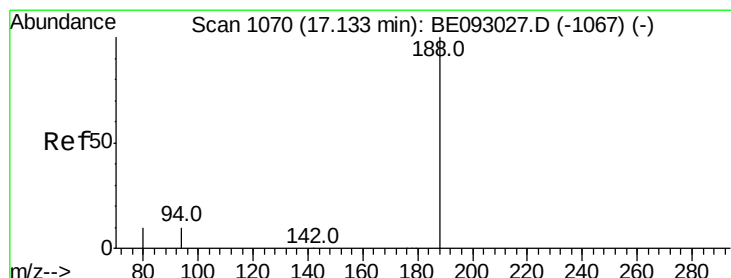
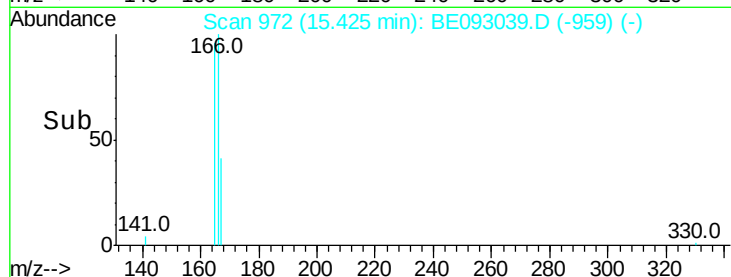
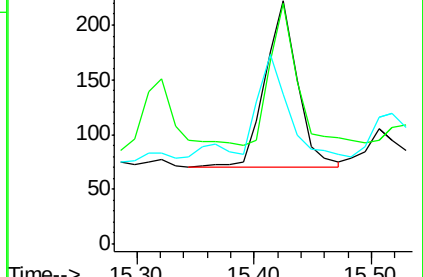
167 68.4 11.1 16.7#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

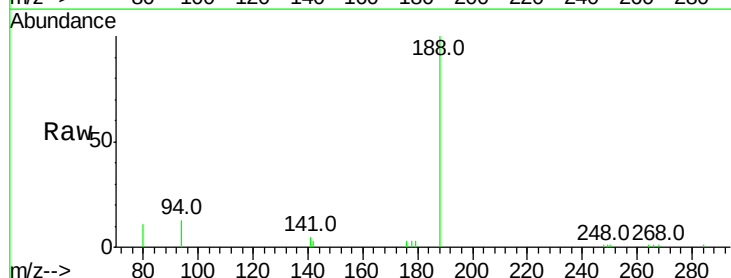
Tgt Ion:188 Resp: 7771

Ion Ratio Lower Upper

188 100

94 12.6 11.3 16.9

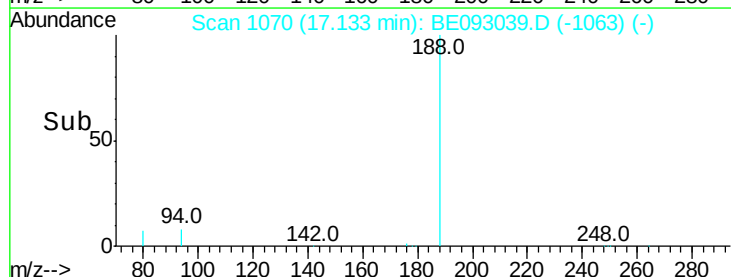
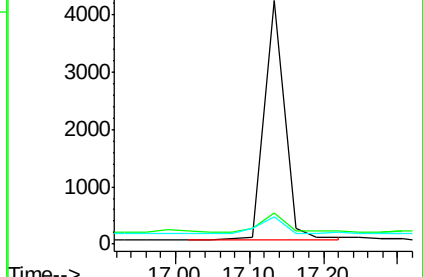
80 11.4 11.7 17.5#

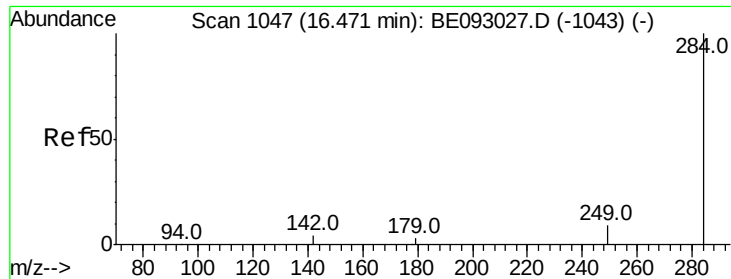


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

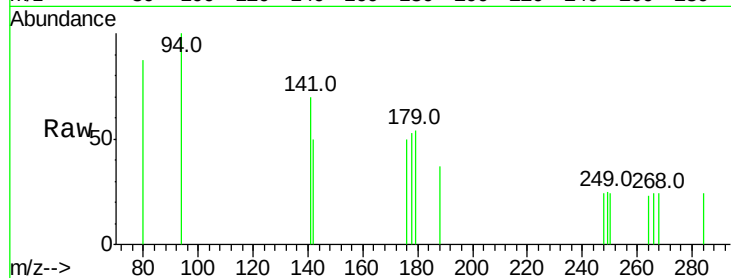




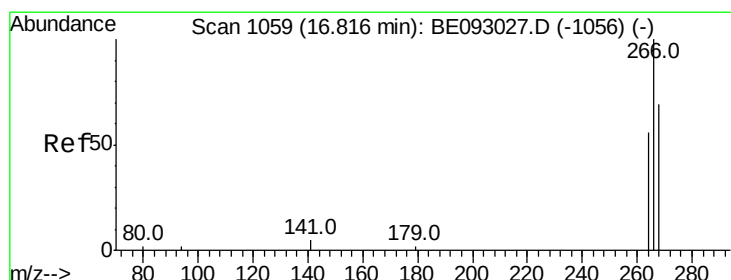
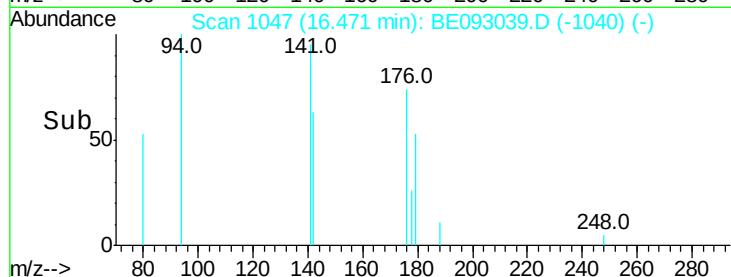
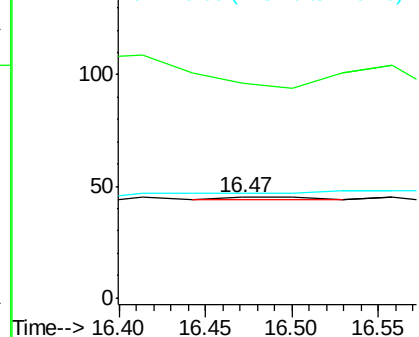
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.47 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Instrument :
BNA_E
ClientSampled :

Tot Ion:284 Resp: 3
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

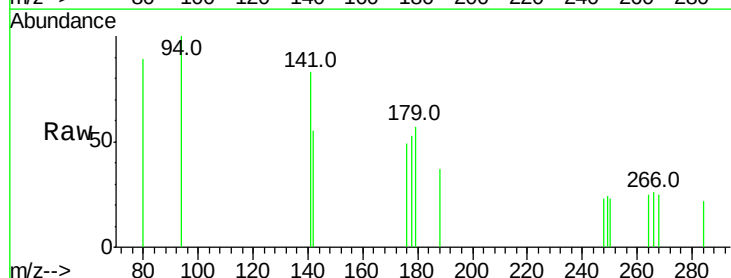


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

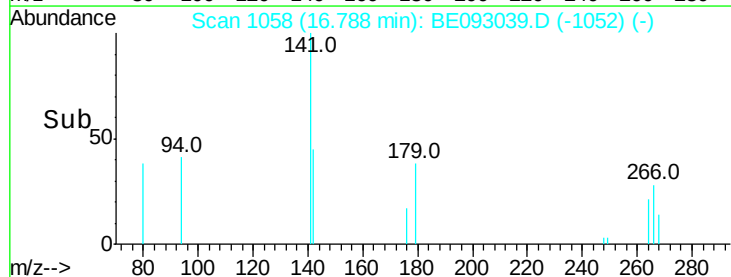
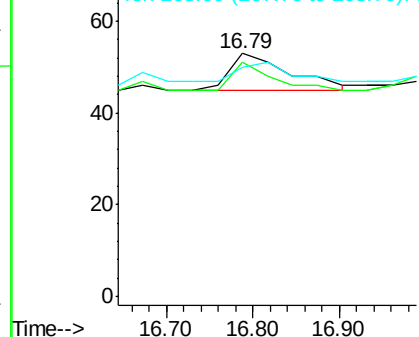


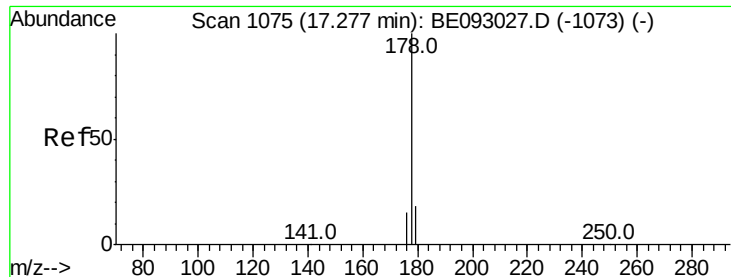
#22
Pentachlorophenol
Concen: 0.02 ng
RT: 16.79 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Tgt Ion:266 Resp: 38
Ion Ratio Lower Upper
266 100
264 96.2 58.2 87.2#
268 94.3 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





#24

Anthracene

Concen: 0.03 ng

RT: 17.28 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

Instrument :

BNA_E

ClientSampleId :

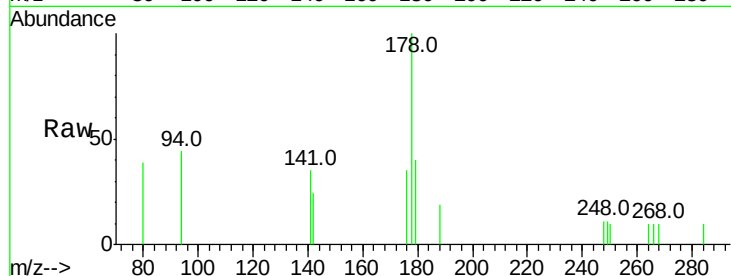
Tot Ion:178 Resp: 1519

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

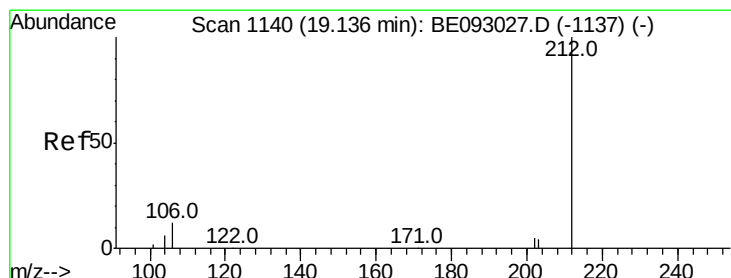
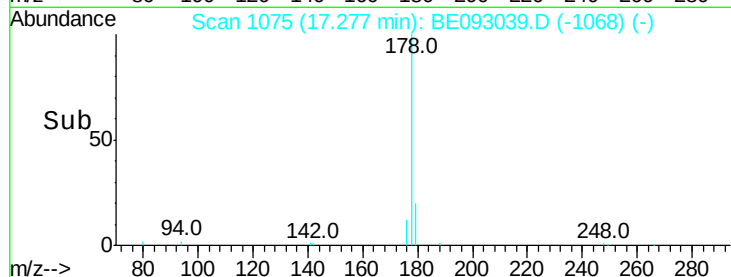
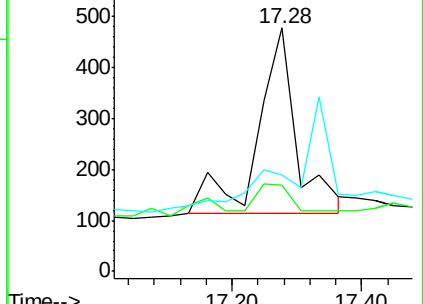
179 0.0 12.0 18.0#



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: 0.32 ng

RT: 19.14 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

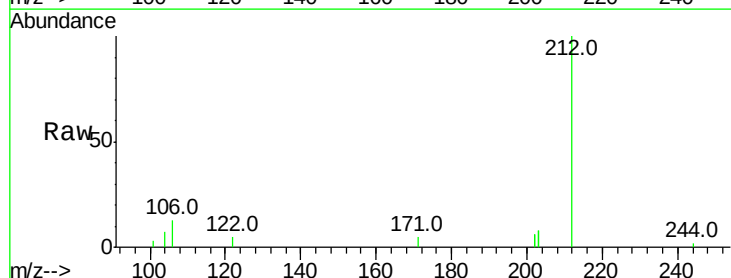
Tgt Ion:212 Resp: 6518

Ion Ratio Lower Upper

212 100

106 15.0 0.0 0.0#

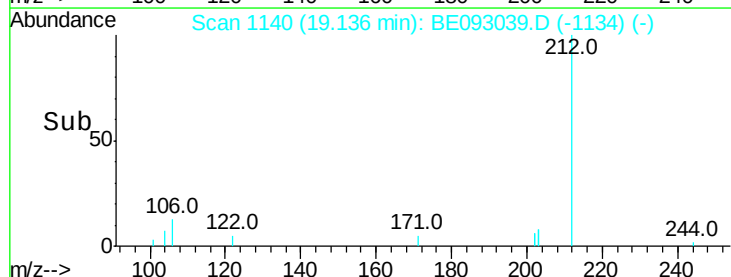
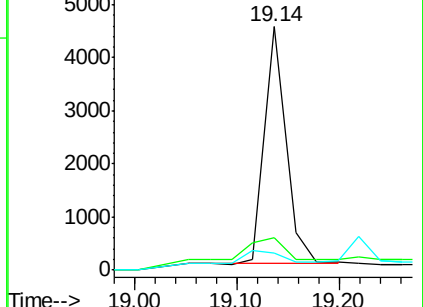
104 0.0 0.0 0.0

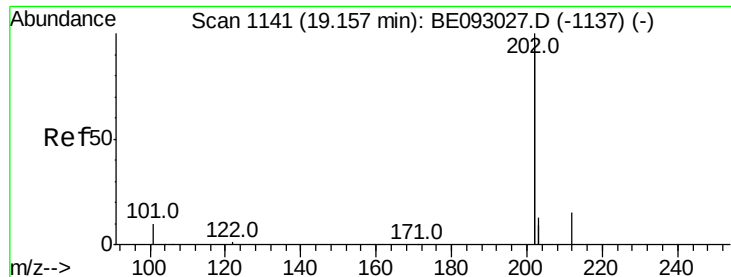


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

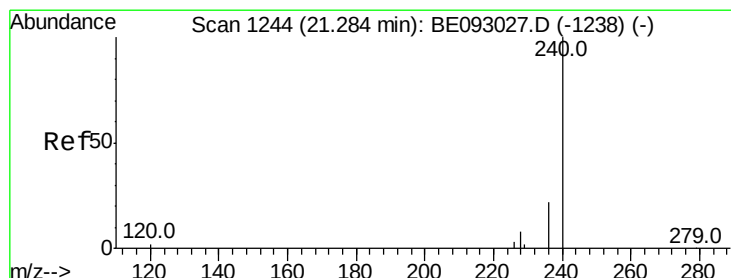
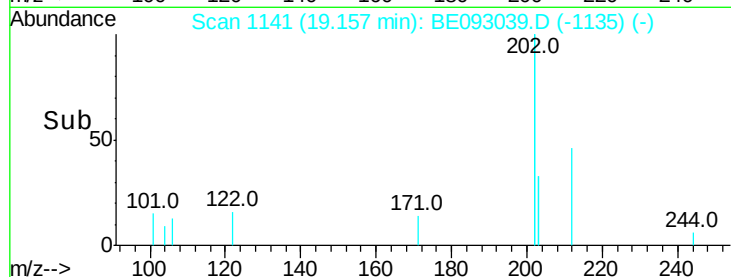
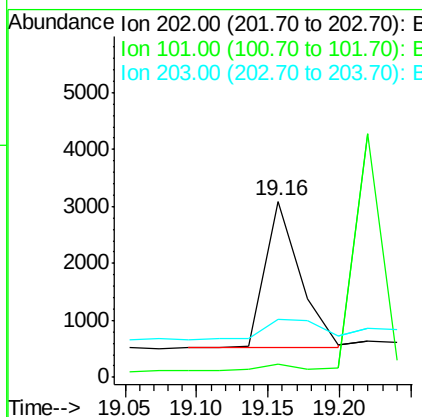
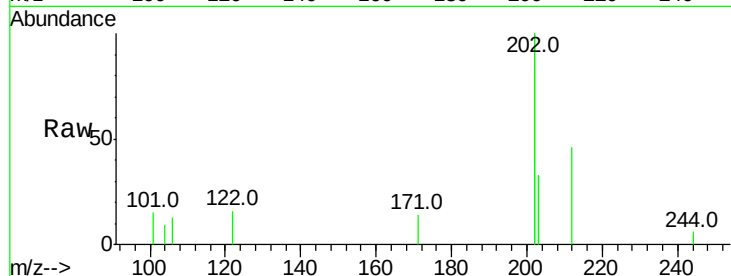




#26
Fluoranthene
Concen: 0.05 ng
RT: 19.16 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

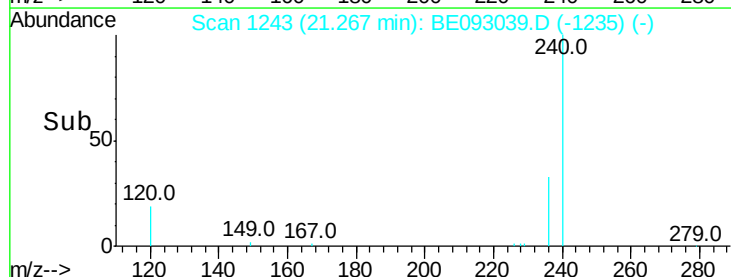
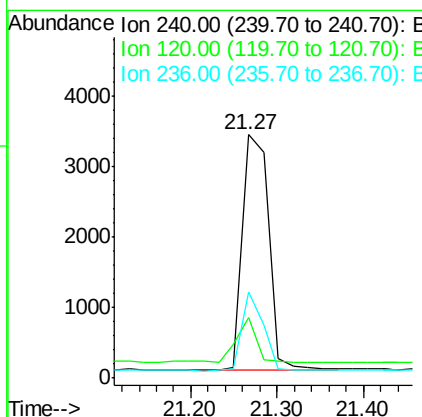
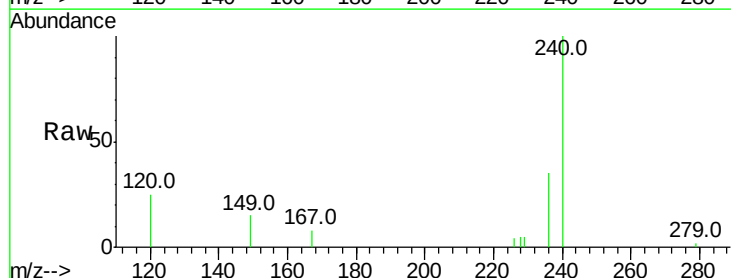
Instrument :
BNA_E
ClientSampled :

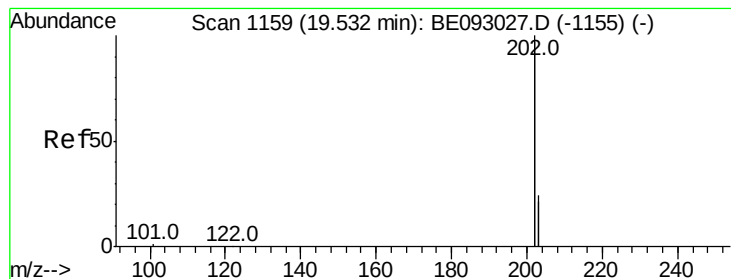
Tot Ion:202 Resp: 4433
Ion Ratio Lower Upper
202 100
101 0.0 0.0 0.0
203 18.9 14.4 21.6



#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.27 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BE093039.D
Acq: 15 May 2017 18:03

Tgt Ion:240 Resp: 7036
Ion Ratio Lower Upper
240 100
120 24.9 4.6 7.0#
236 35.2 20.8 31.2#





#28

Pvrene

Concen: 0.06 ng

RT: 19.53 min Scan# 1159

Delta R.T. 0.00 min

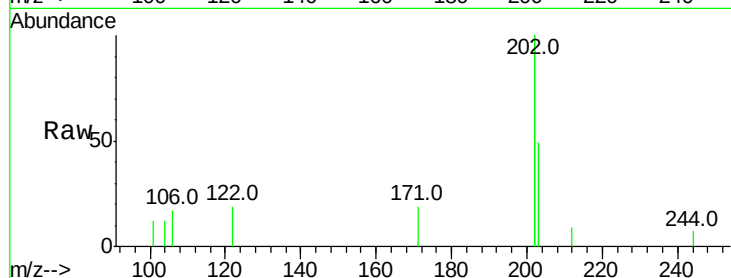
Lab File: BE093039.D

Acq: 15 May 2017 18:03

Instrument :

BNA_E

ClientSampleId :



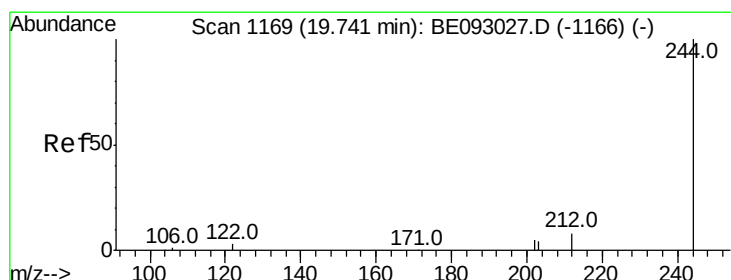
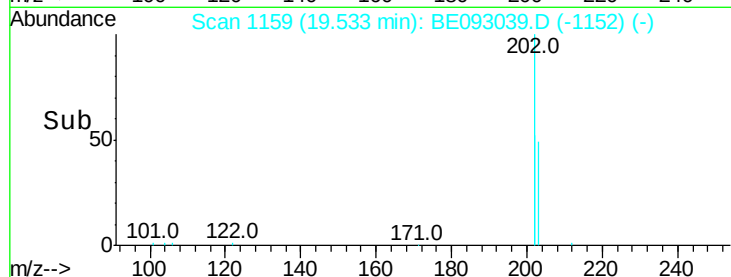
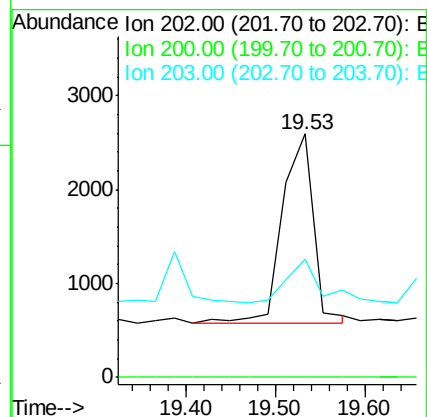
Tot Ion:202 Resp: 5014

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

203 20.2 13.7 20.5



#29

Terphenyl-d14

Concen: 0.60 ng

RT: 19.74 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

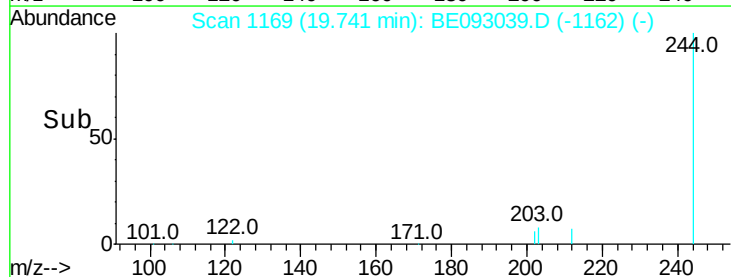
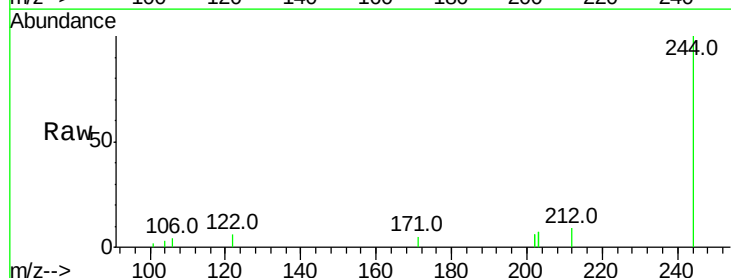
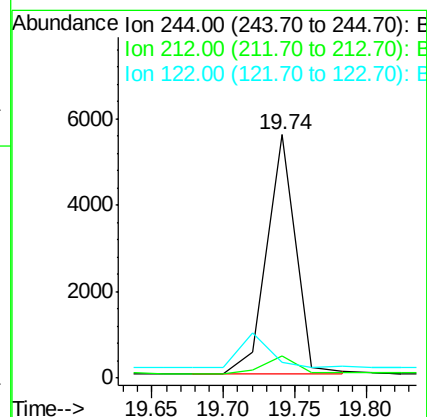
Tgt Ion:244 Resp: 7840

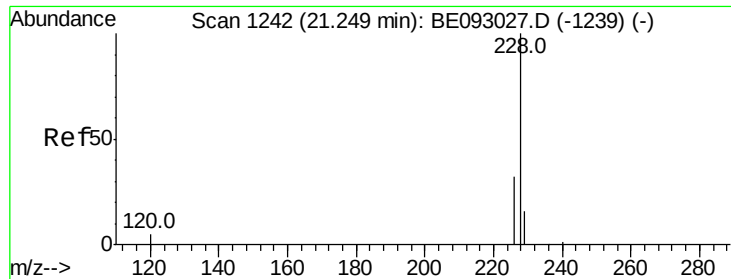
Ion Ratio Lower Upper

244 100

212 9.2 10.6 16.0#

122 6.4 15.4 23.0#





#30

Benzo(a)anthracene

Concen: 0.01 ng

RT: 21.25 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

Instrument :

BNA_E

ClientSampleId :

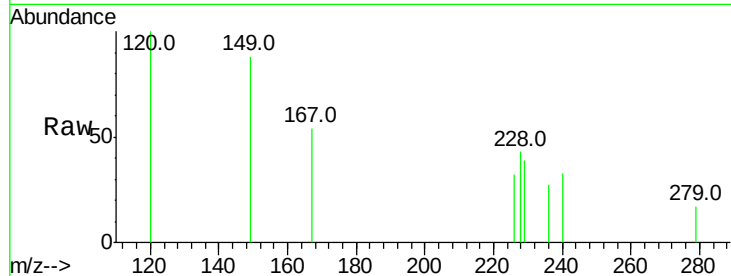
Tot Ion:228 Resp: 271

Ion Ratio Lower Upper

228 100

226 75.9 19.7 29.5#

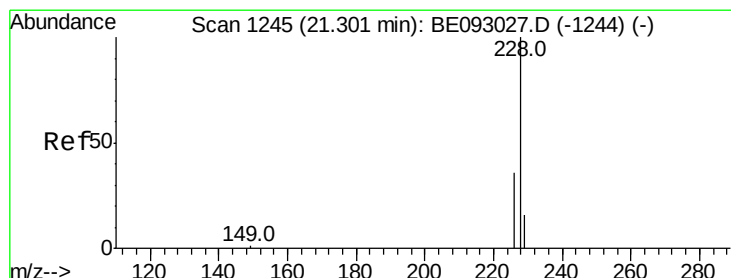
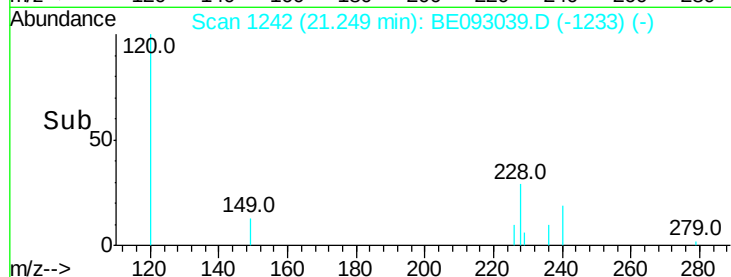
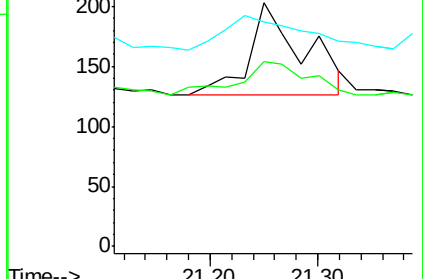
229 92.1 19.2 28.8#



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: 21.25 min Scan# 1242

Delta R.T. -0.05 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

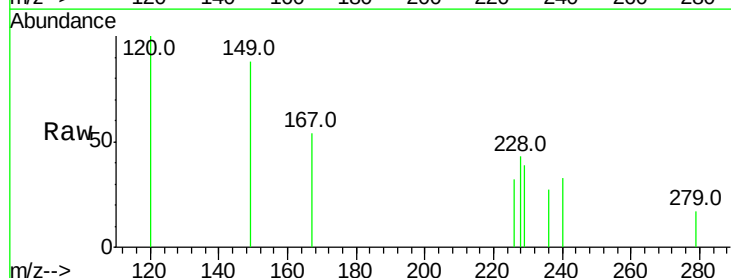
Tgt Ion:228 Resp: 283

Ion Ratio Lower Upper

228 100

226 75.9 21.5 32.3#

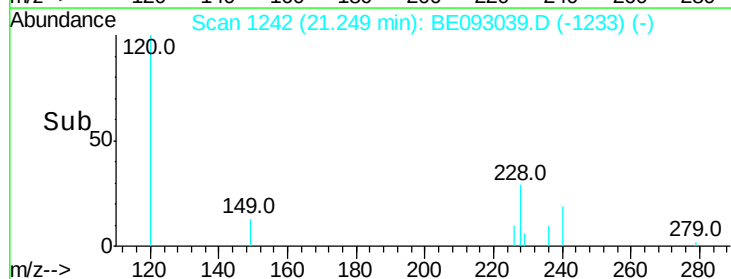
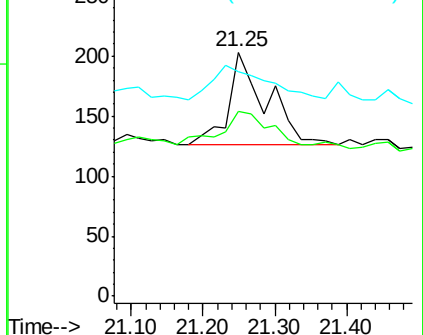
229 92.1 18.6 28.0#

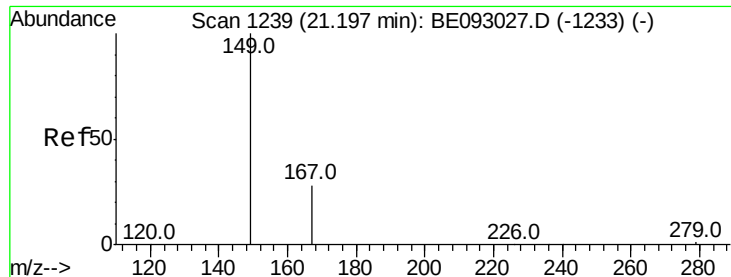


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.26 ng

RT: 21.20 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

Instrument :

BNA_E

ClientSampleId :

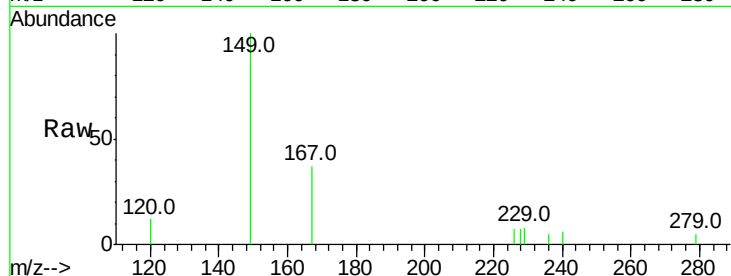
Tot Ion:149 Resp: 2147

Ion Ratio Lower Upper

149 100

167 29.3 20.1 30.1

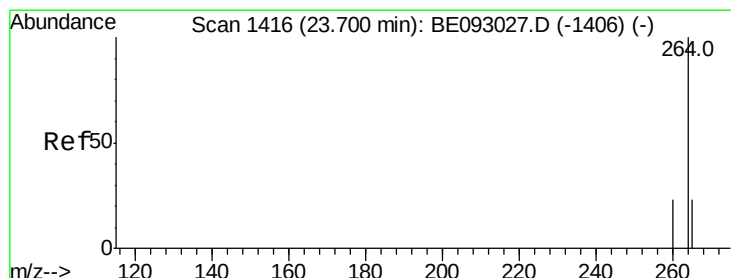
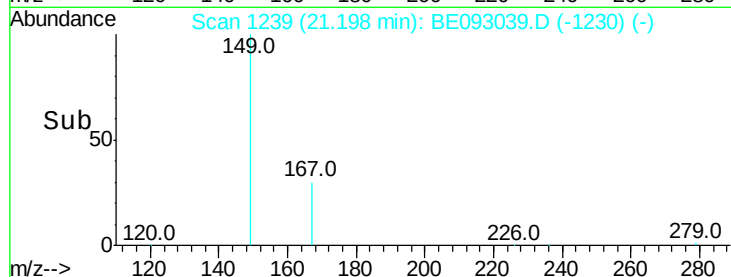
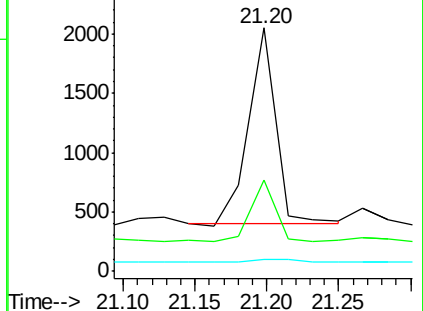
279 3.1 2.2 3.4



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: 23.69 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

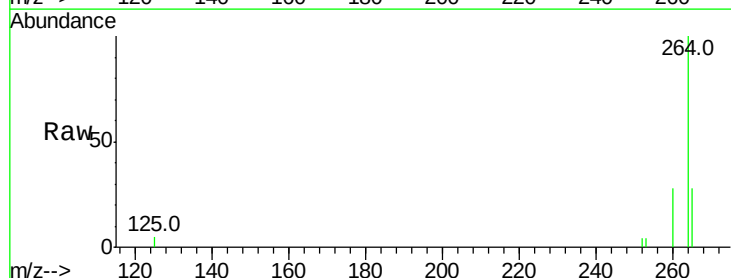
Tgt Ion:264 Resp: 6125

Ion Ratio Lower Upper

264 100

260 27.6 21.0 31.4

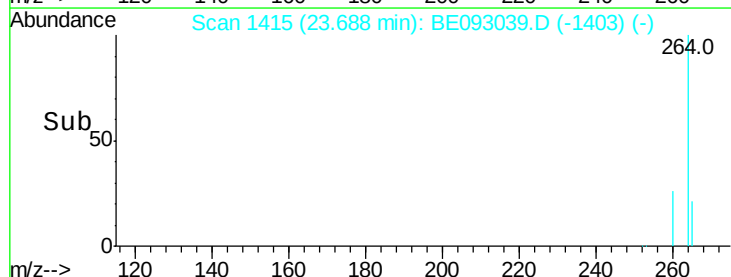
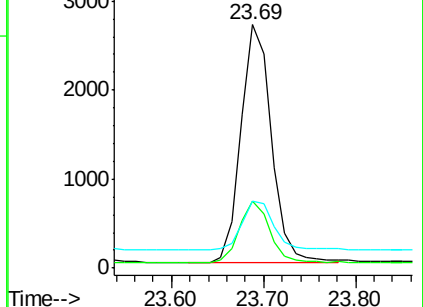
265 27.7 24.6 36.8

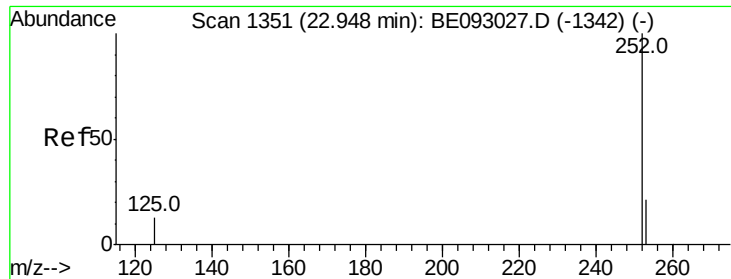


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.00 ng

RT: 22.95 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

Instrument :

BNA_E

ClientSampleId :

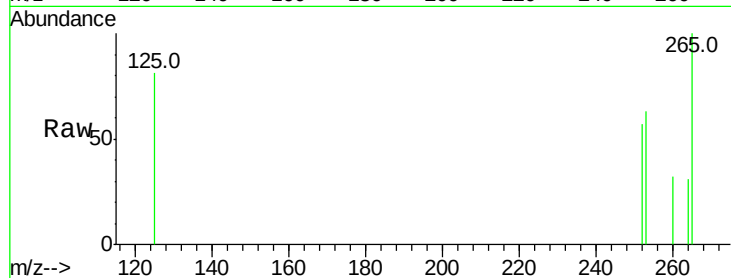
Tot Ion:252 Resp: 70

Ion Ratio Lower Upper

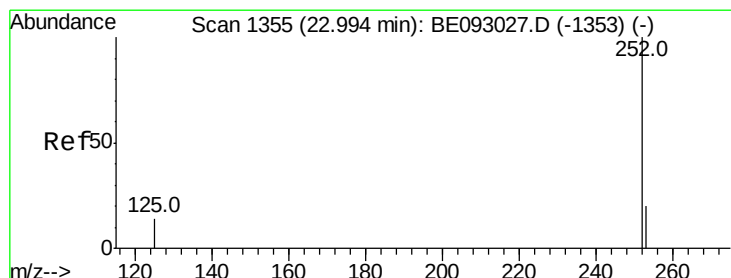
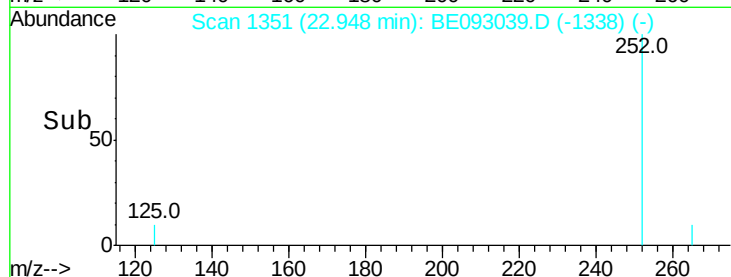
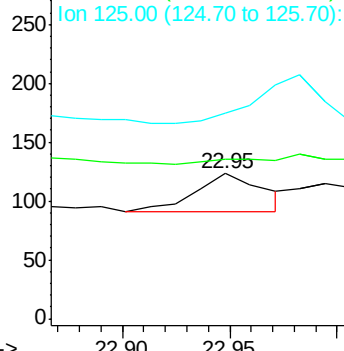
252 100

253 110.6 18.5 27.7#

125 142.3 13.4 20.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.00 ng

RT: 22.95 min Scan# 1351

Delta R.T. -0.05 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

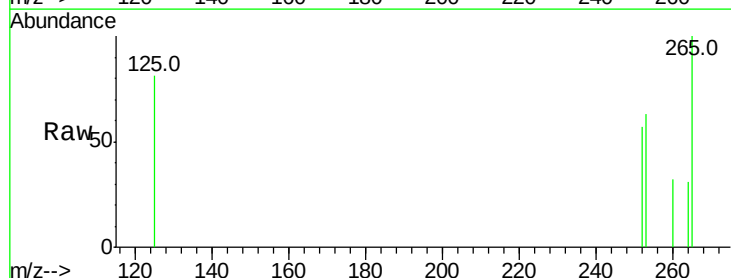
Tgt Ion:252 Resp: 70

Ion Ratio Lower Upper

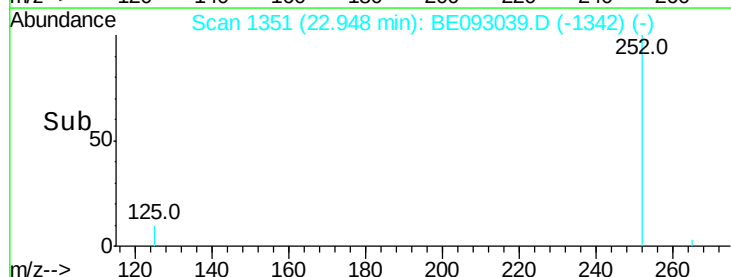
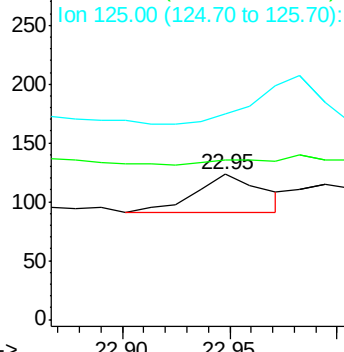
252 100

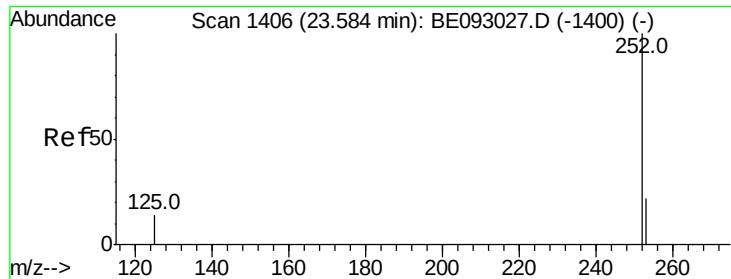
253 110.6 20.3 30.5#

125 142.3 12.2 18.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.00 ng

RT: 23.57 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

Instrument :

BNA_E

ClientSampleId :

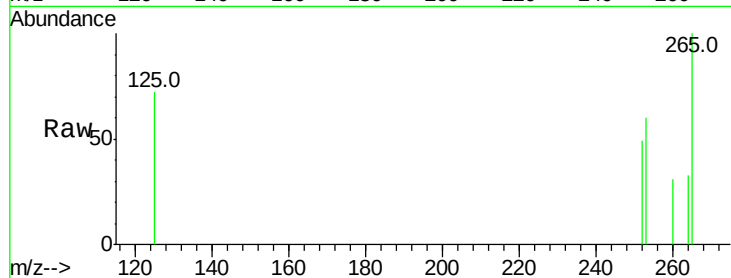
Tot Ion:252 Resp: 50

Ion Ratio Lower Upper

252 100

253 123.0 19.9 29.9#

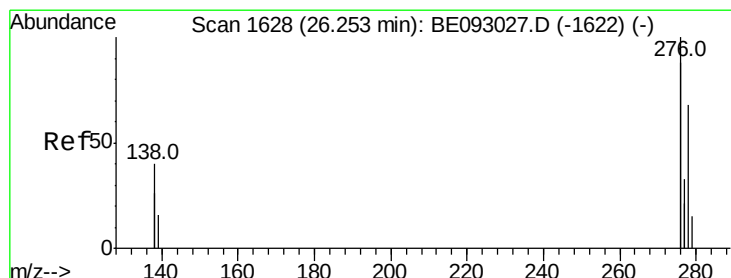
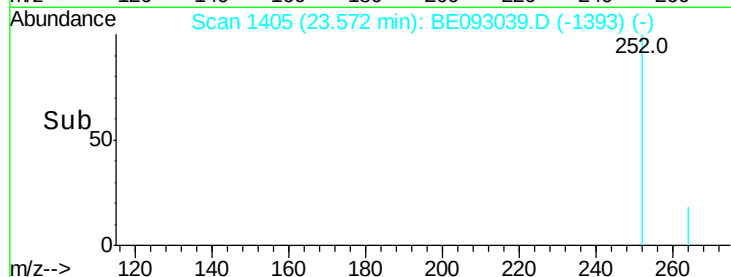
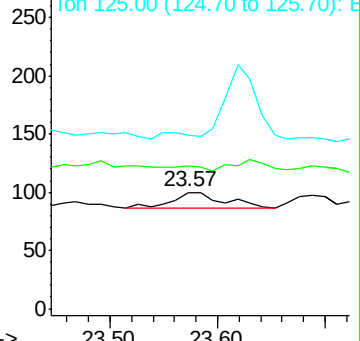
125 149.0 14.6 21.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.00 ng

RT: 26.25 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE093039.D

Acq: 15 May 2017 18:03

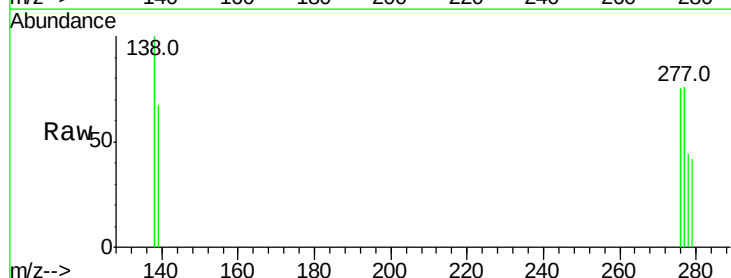
Tgt Ion:278 Resp: 61

Ion Ratio Lower Upper

278 100

139 150.0 21.4 32.0#

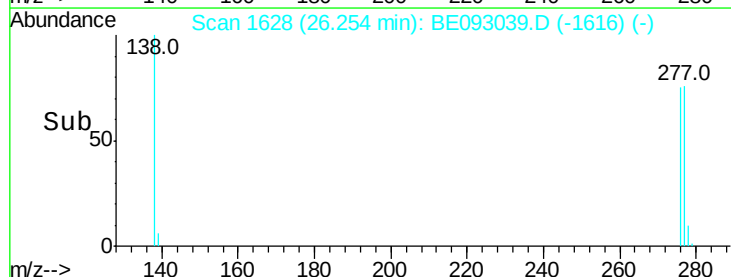
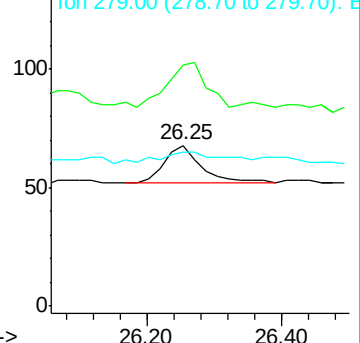
279 95.6 22.2 33.2#

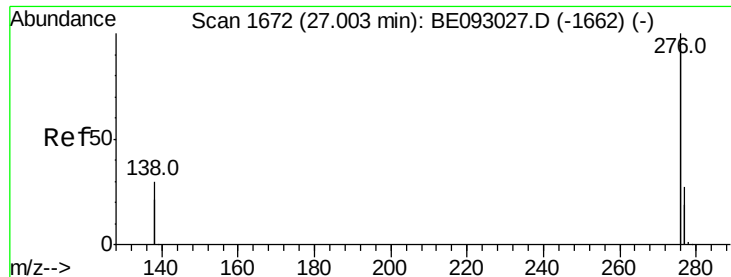


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.00 ng

RT: 26.99 min Scan# 1671

Delta R.T. -0.02 min

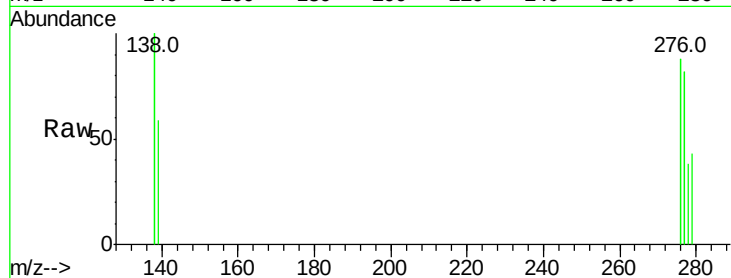
Lab File: BE093039.D

Acq: 15 May 2017 18:03

Instrument :

BNA_E

ClientSampleId :



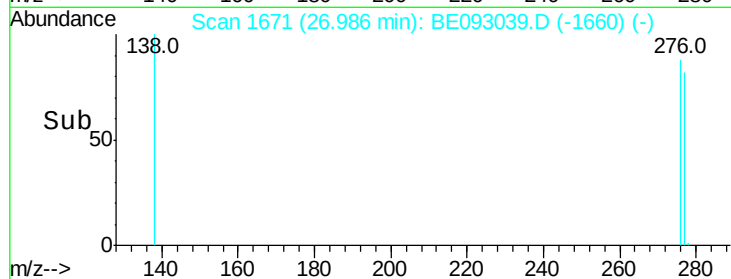
Tot Ion:276 Resp: 141

Ion Ratio Lower Upper

276 100

277 92.6 21.2 31.8#

138 113.2 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

