

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
 Data File : BE093096.D
 Acq On : 12 Jun 2017 9:47
 Operator : SJ/MA
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Jun 12 12:06:57 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 12:06:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	585	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	2698	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	1335	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	2897	0.40	ng	0.00
27) Chrysene-d12	21.27	240	4113	0.40	ng	0.00
34) Perylene-d12	23.67	264	3614	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.34	112	180	0.10	ng	0.00
5) Phenol-d6	6.90	99	238	0.10	ng	0.00
8) Nitrobenzene-d5	8.88	82	214	0.09	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	412	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	31	0.08	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	607	0.11	ng	0.00
25) Fluoranthene-d10	19.11	212	931	0.12	ng	0.00
29) Terphenyl-d14	19.72	244	815	0.11	ng	0.00

Target Compounds

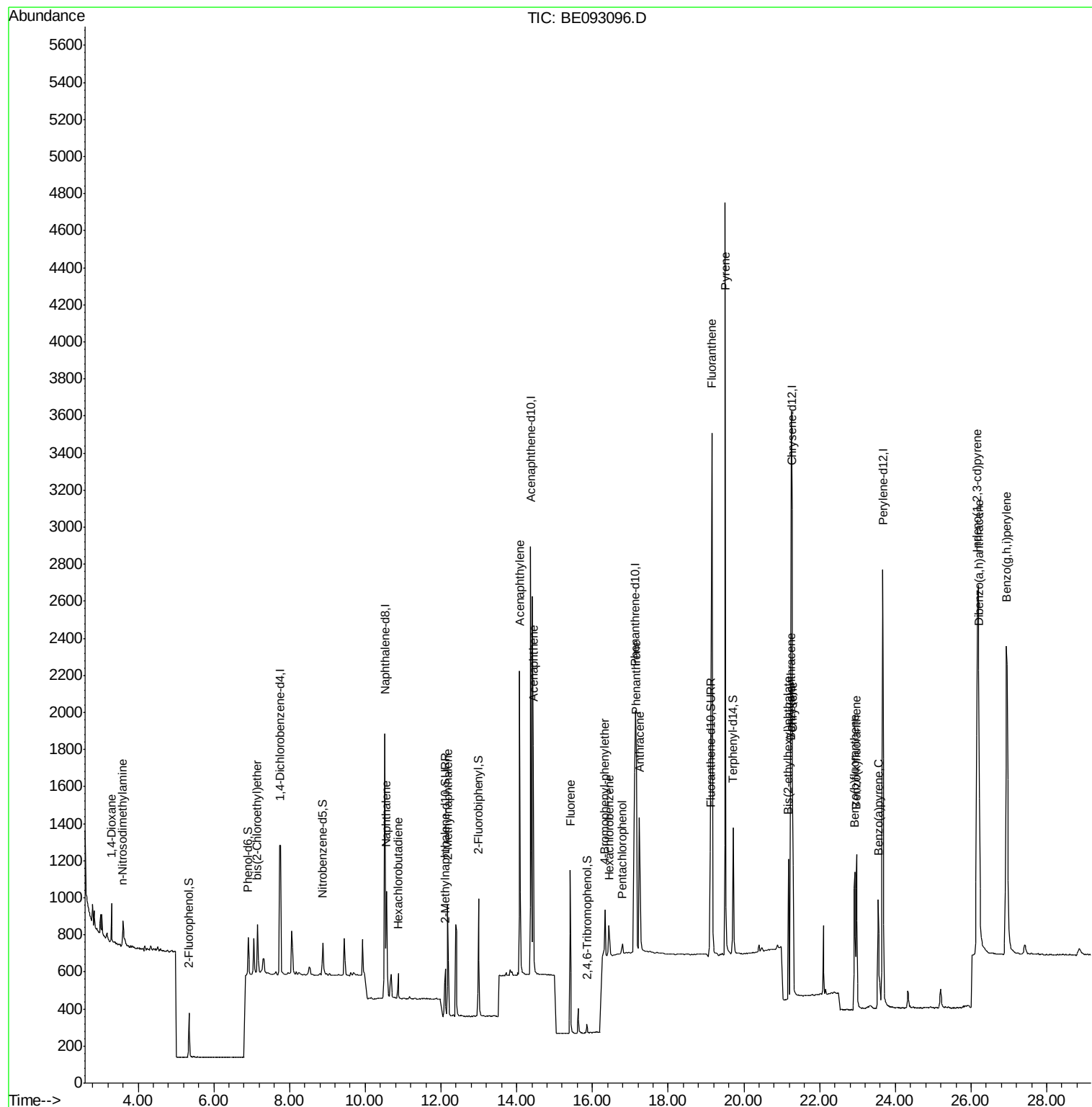
						Qvalue
2) 1,4-Dioxane	3.29	88	160	0.135	ng	91
3) n-Nitrosodimethylamine	3.59	42	105	0.099	ng	# 85
6) bis(2-Chloroethyl)ether	7.15	93	200	0.101	ng	# 98
9) Naphthalene	10.56	128	793	0.112	ng	# 86
10) Hexachlorobutadiene	10.87	225	108	0.116	ng	95
12) 2-Methylnaphthalene	12.18	142	461	0.105	ng	# 91
16) Acenaphthylene	14.08	152	2210	0.094	ng	99
17) Acenaphthene	14.44	154	435	0.103	ng	98
18) Fluorene	15.41	166	526	0.102	ng	96
20) 4-Bromophenyl-phenylether	16.33	248	166	0.184	ng	86
21) Hexachlorobenzene	16.44	284	147	0.124	ng	# 100
22) Pentachlorophenol	16.79	266	48	0.132	ng	91
23) Phenanthrene	17.16	178	1369	0.218	ng	100
24) Anthracene	17.25	178	1001	0.169	ng	98
26) Fluoranthene	19.16	202	4393	0.123	ng	# 100
28) Pyrene	19.51	202	5149	0.104	ng	# 98
30) Benzo(a)anthracene	21.23	228	1154	0.103	ng	# 86
31) Chrysene	21.28	228	1243	0.104	ng	# 85
32) Bis(2-ethylhexyl)phthalate	21.18	149	736	0.114	ng	96
33) Indeno(1,2,3-cd)pyrene	26.17	276	4525	0.103	ng	98
35) Benzo(b)fluoranthene	22.93	252	1160	0.102	ng	# 86
36) Benzo(k)fluoranthene	22.97	252	1098	0.096	ng	# 88
37) Benzo(a)pyrene	23.55	252	974	0.093	ng	# 84
38) Dibenzo(a,h)anthracene	26.20	278	1019	0.105	ng	# 84
39) Benzo(g,h,i)perylene	26.94	276	4226	0.100	ng	# 85

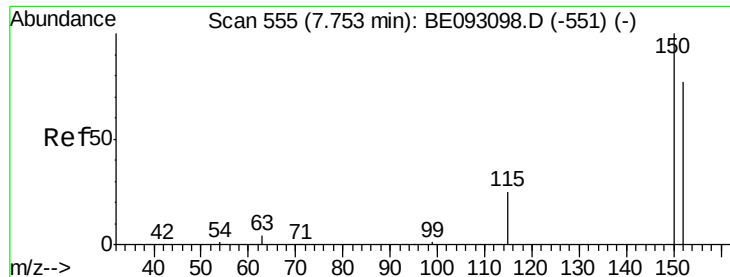
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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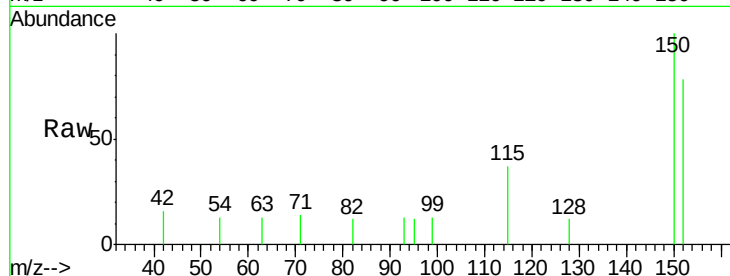


#1

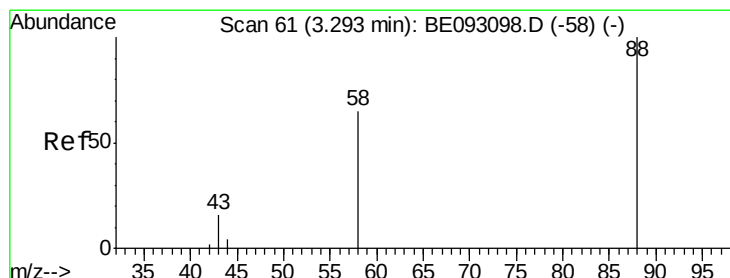
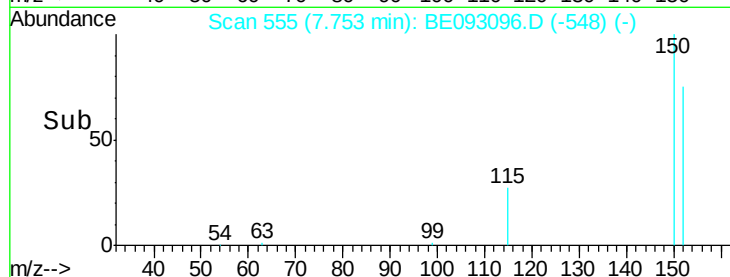
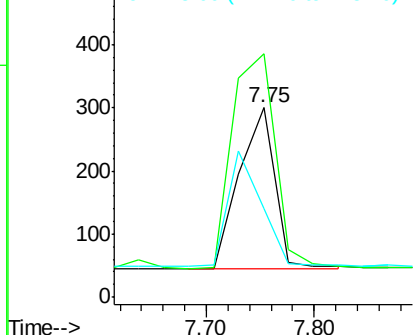
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 152 Resp: 585
Ion Ratio Lower Upper
152 100
150 128.7 125.1 187.7
115 47.0 55.7 83.5#



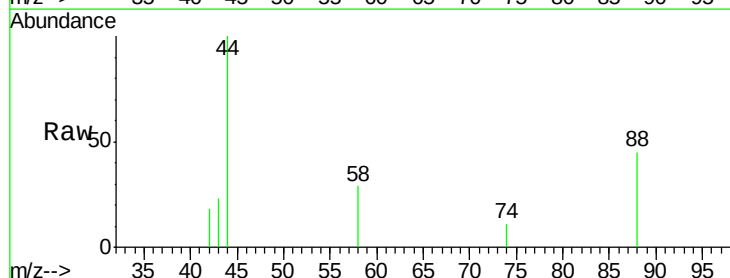
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



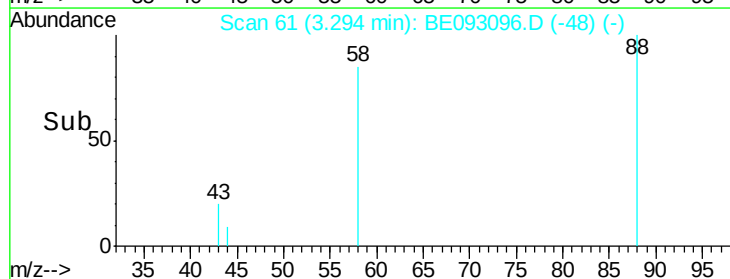
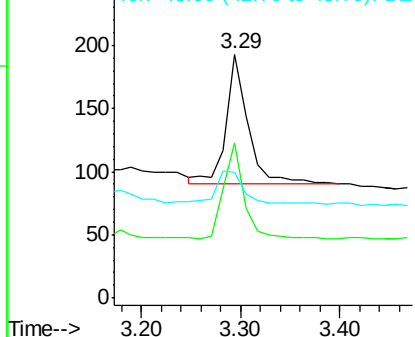
#2

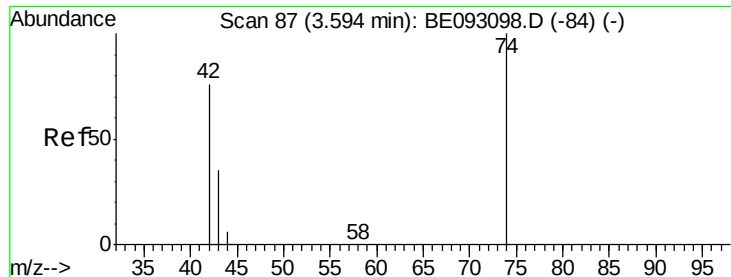
1,4-Dioxane
Concen: 0.135 ng
RT: 3.29 min Scan# 61
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion: 88 Resp: 160
Ion Ratio Lower Upper
88 100
58 67.5 62.2 93.4
43 28.1 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



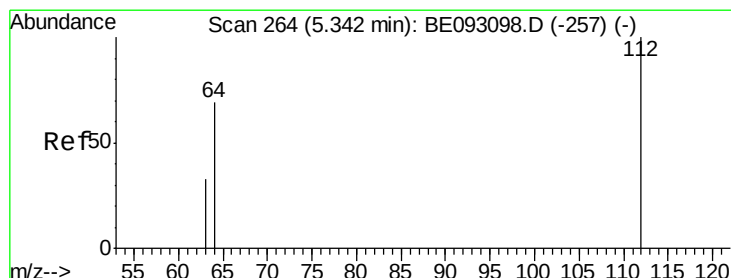
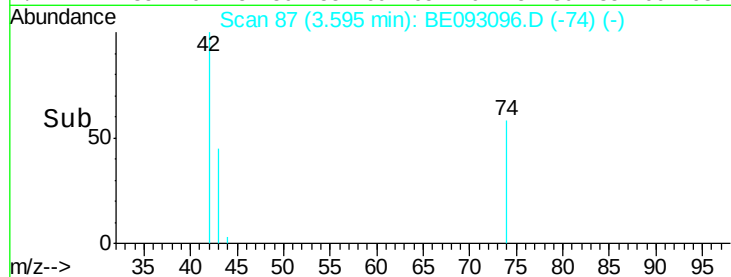
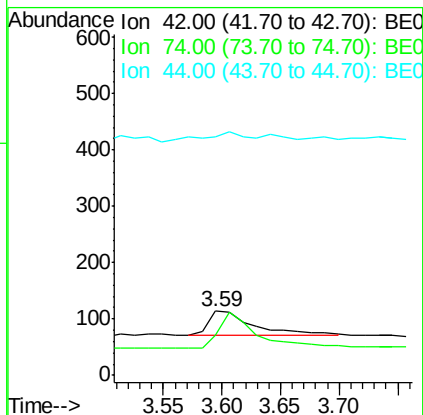
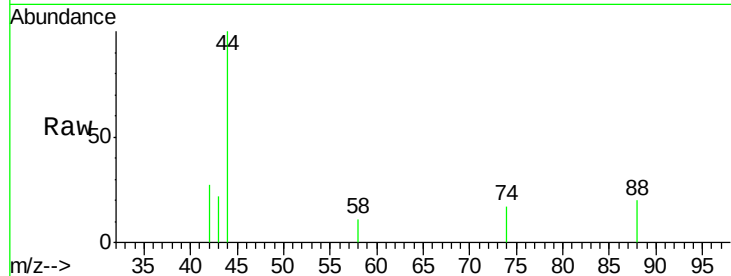


#3

n-Nitrosodimethylamine
Concen: 0.099 ng
RT: 3.59 min Scan# 87
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

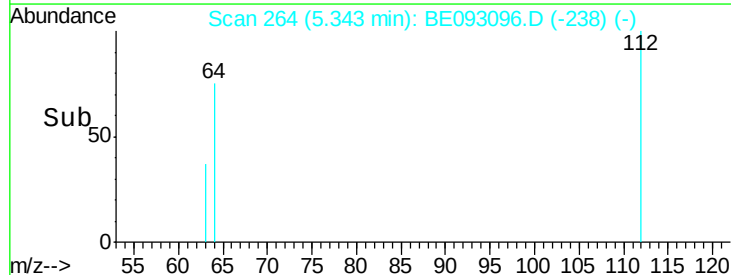
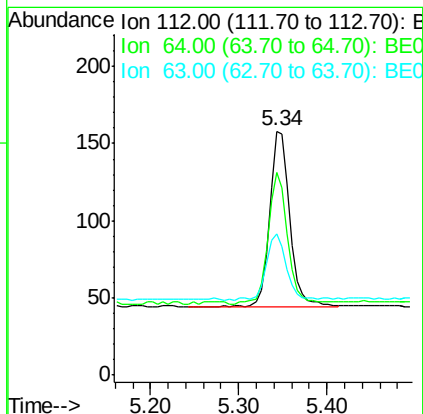
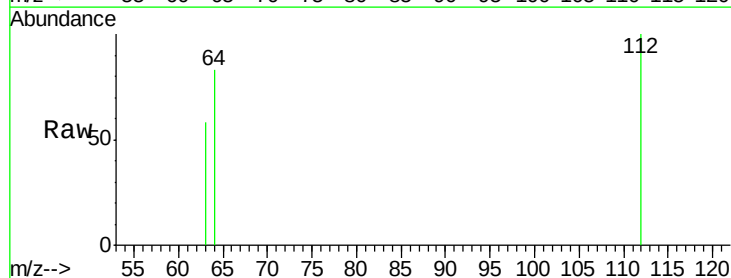
Tgt Ion: 42 Resp: 105
Ion Ratio Lower Upper
42 100
74 134.3 99.1 148.7
44 41.9 7.4 11.2#

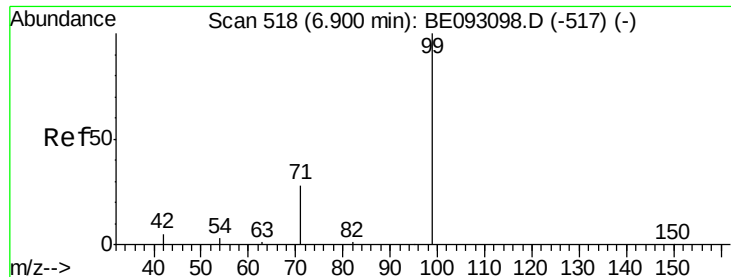


#4

2-Fluorophenol
Concen: 0.100 ng
RT: 5.34 min Scan# 264
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion: 112 Resp: 180
Ion Ratio Lower Upper
112 100
64 71.7 56.4 84.6
63 38.9 29.3 43.9





#5

Phenol-d6

Concen: 0.098 ng

RT: 6.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

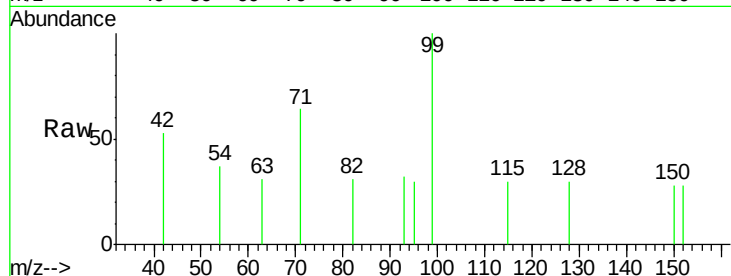
Tgt Ion: 99 Resp: 238

Ion Ratio Lower Upper

99 100

42 24.4 0.0 0.0#

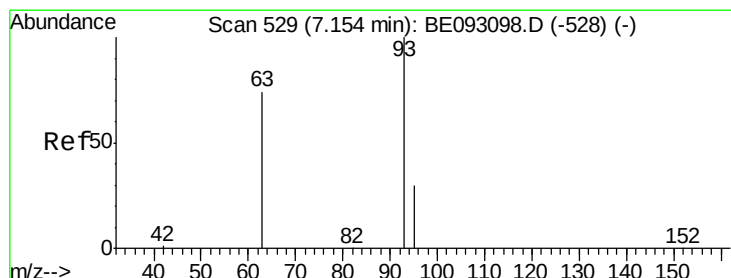
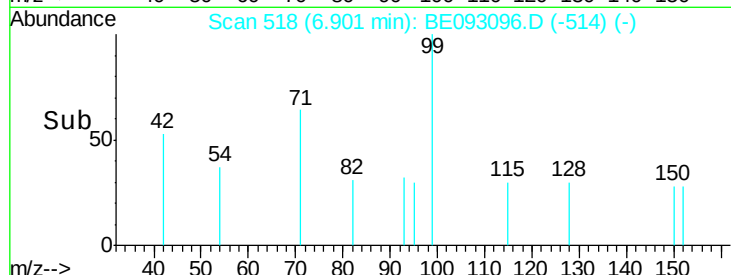
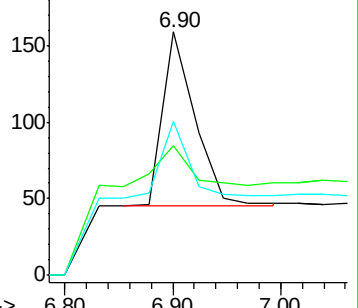
71 39.5 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.101 ng

RT: 7.15 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

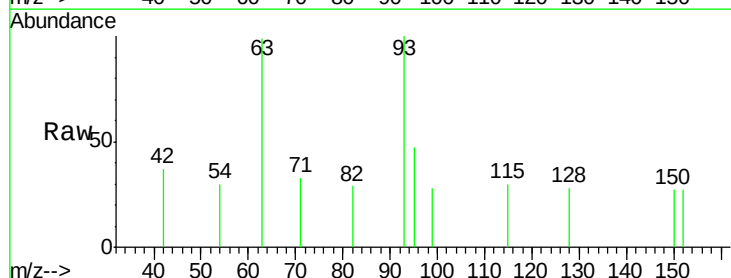
Tgt Ion: 93 Resp: 200

Ion Ratio Lower Upper

93 100

63 101.0 0.0 0.0#

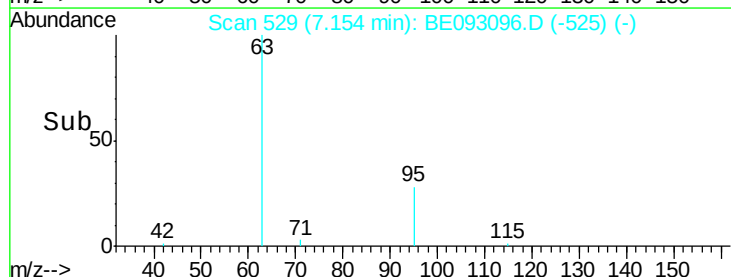
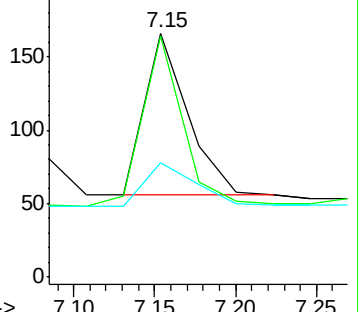
95 33.0 25.4 38.0

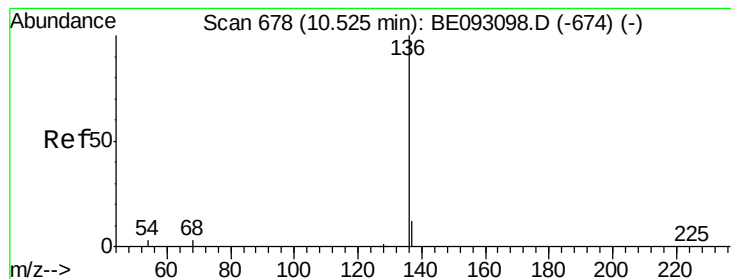


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tgt Ion:136 Resp: 2698

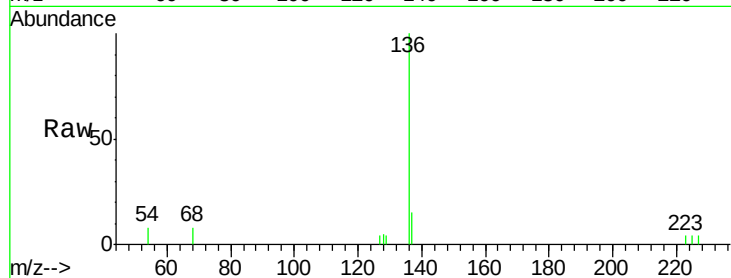
Ion Ratio Lower Upper

136 100

137 15.1 9.8 14.8#

54 7.7 10.3 15.5#

68 7.8 9.0 13.4#

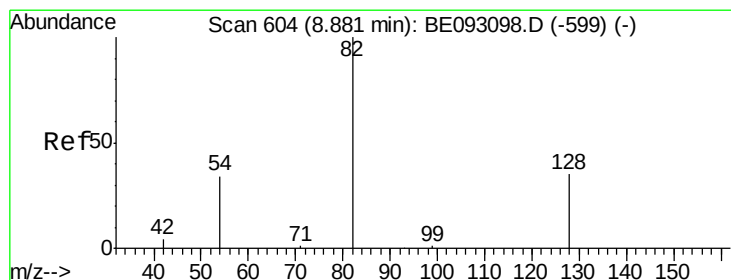
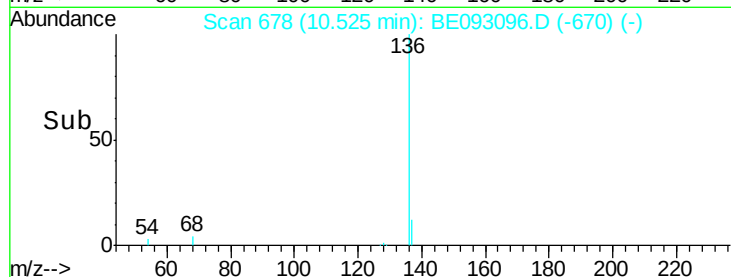
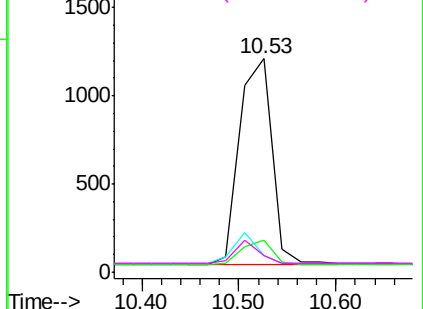


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.091 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

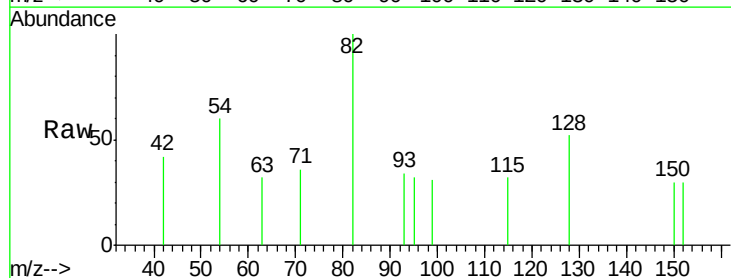
Tgt Ion: 82 Resp: 214

Ion Ratio Lower Upper

82 100

128 51.7 17.0 25.4#

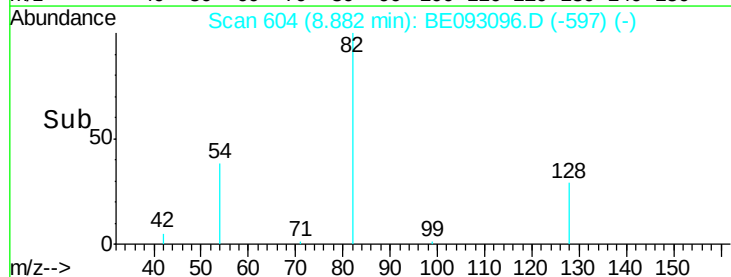
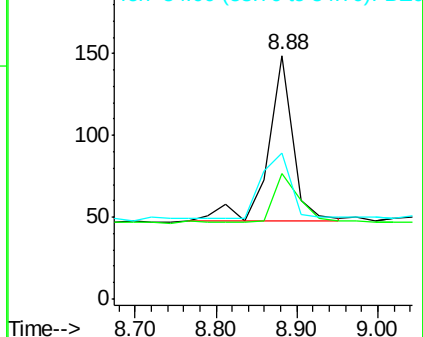
54 59.7 53.8 80.6

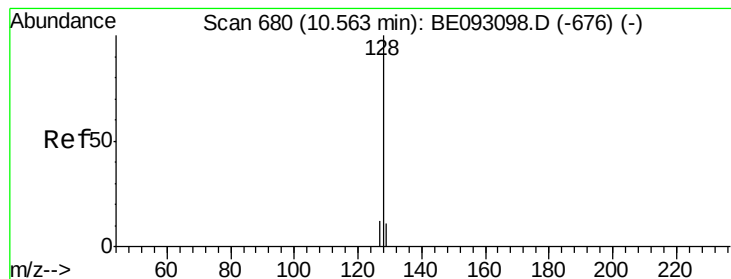


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.112 ng

RT: 10.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

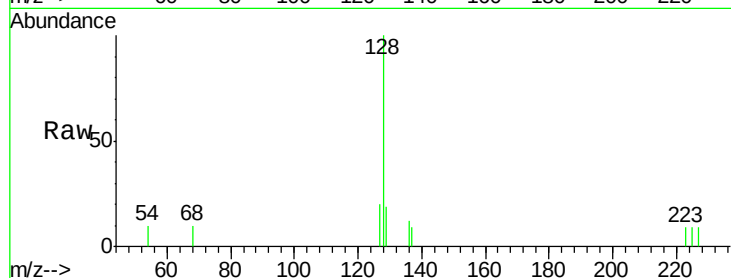
Tgt Ion:128 Resp: 793

Ion Ratio Lower Upper

128 100

129 19.1 11.4 17.0#

127 20.3 11.2 16.8#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

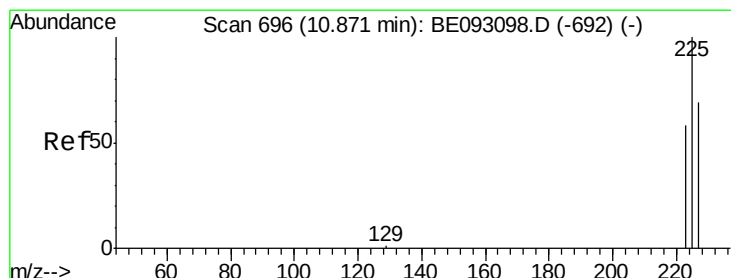
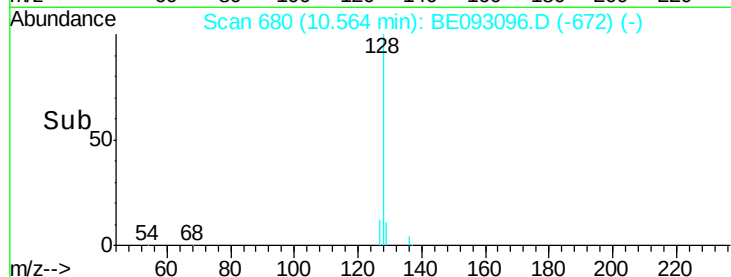
10.56

400

200

0

Time-->



#10

Hexachlorobutadiene

Concen: 0.116 ng

RT: 10.87 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

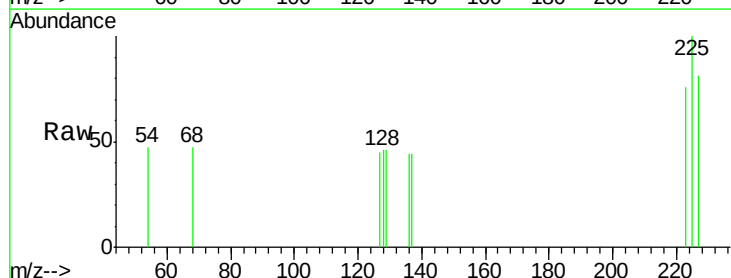
Tgt Ion:225 Resp: 108

Ion Ratio Lower Upper

225 100

223 58.3 49.7 74.5

227 58.3 50.3 75.5



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

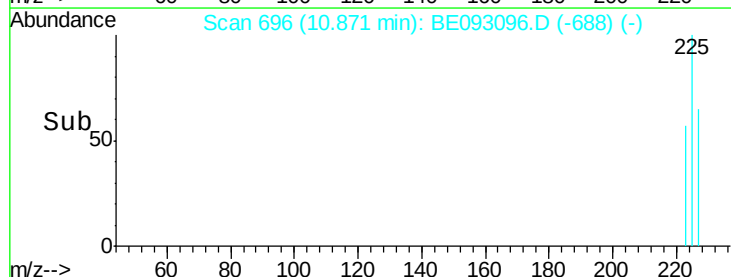
10.87

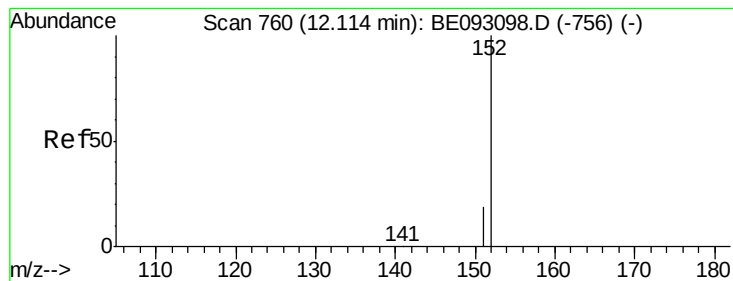
100

50

0

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.104 ng

RT: 12.11 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

Instrument :

BNA_E

ClientSampleId :

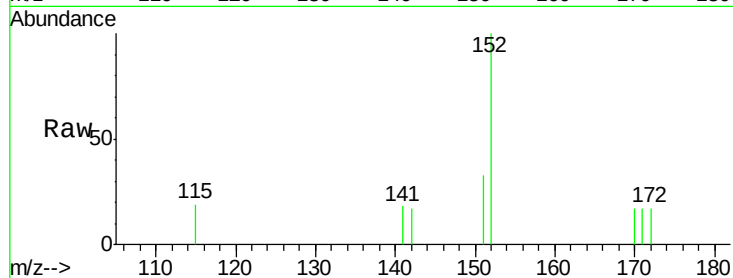
SSTDICC0.1

Tgt Ion:152 Resp: 412

Ion Ratio Lower Upper

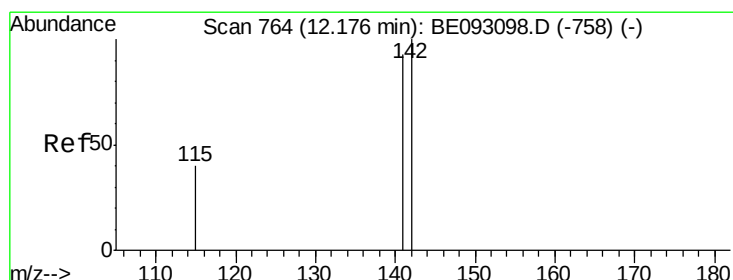
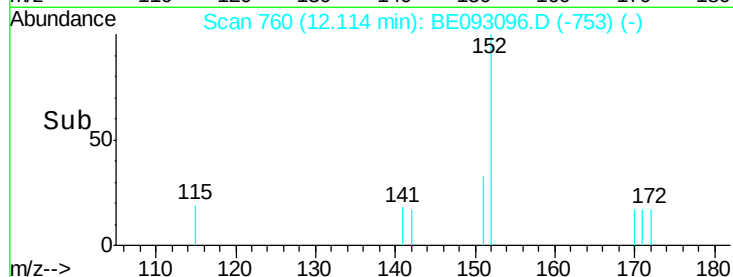
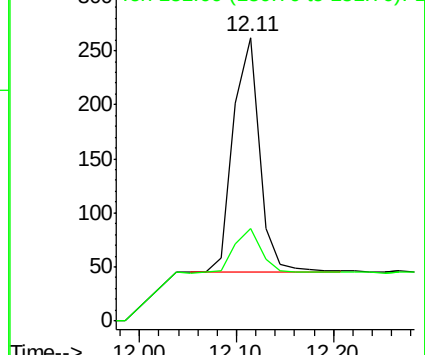
152 100

151 20.4 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: 0.105 ng

RT: 12.18 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

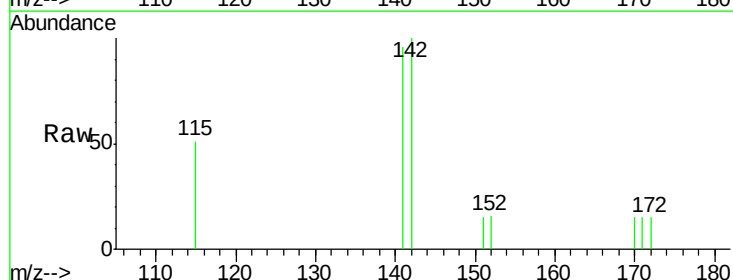
Tgt Ion:142 Resp: 461

Ion Ratio Lower Upper

142 100

141 95.7 72.6 108.8

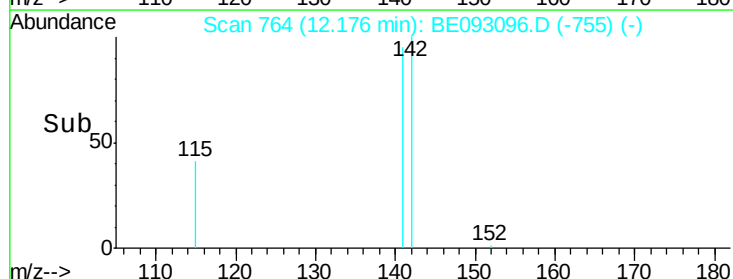
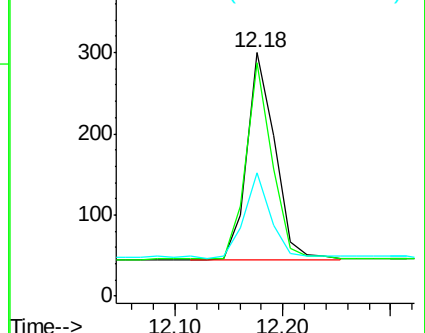
115 50.7 32.2 48.2#

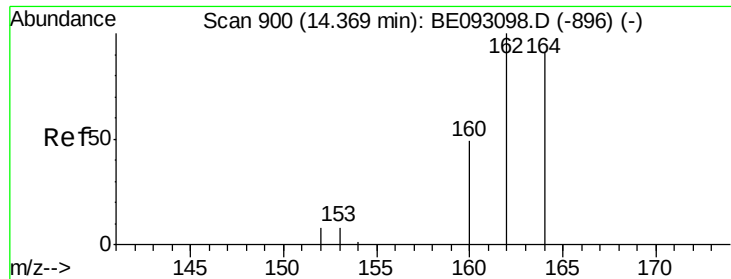


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

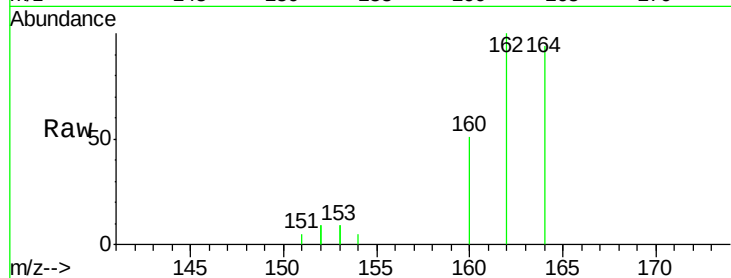
Tgt Ion:164 Resp: 1335

Ion Ratio Lower Upper

164 100

162 106.5 84.6 127.0

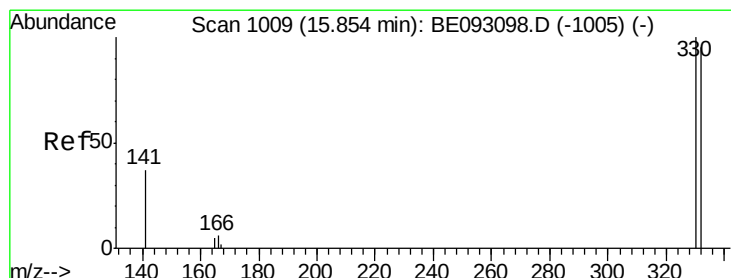
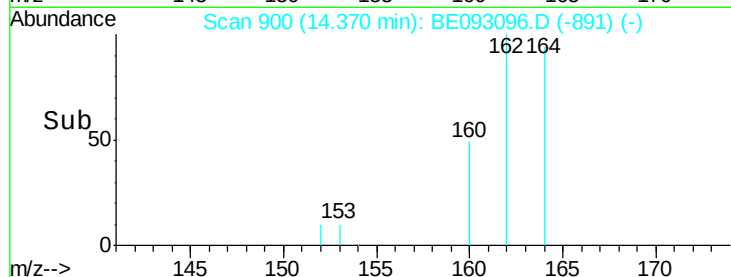
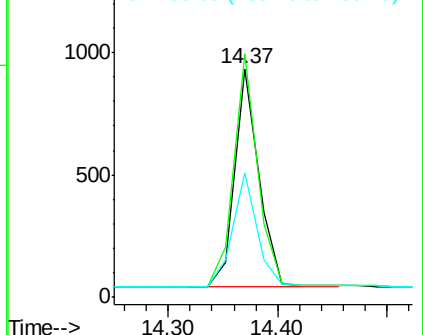
160 54.6 41.8 62.6



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: 0.078 ng

RT: 15.85 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

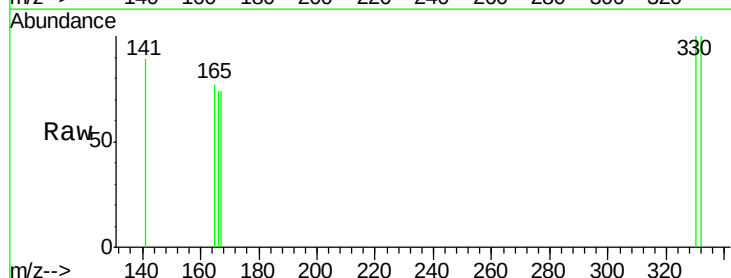
Tgt Ion:330 Resp: 31

Ion Ratio Lower Upper

330 100

332 96.8 77.7 116.5

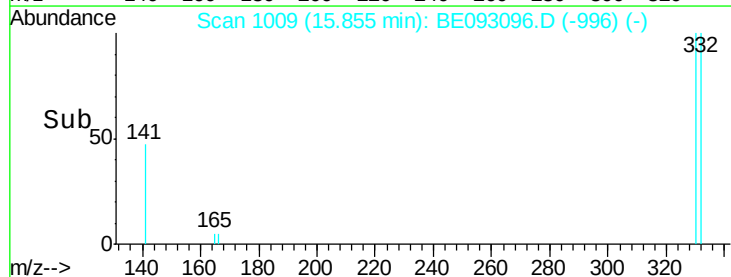
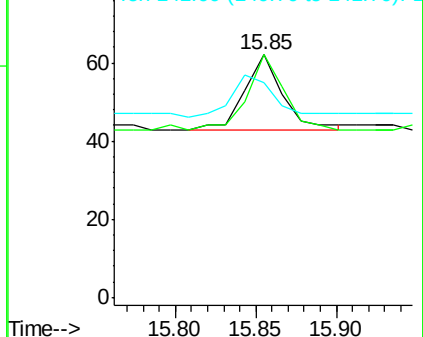
141 64.5 56.2 84.4

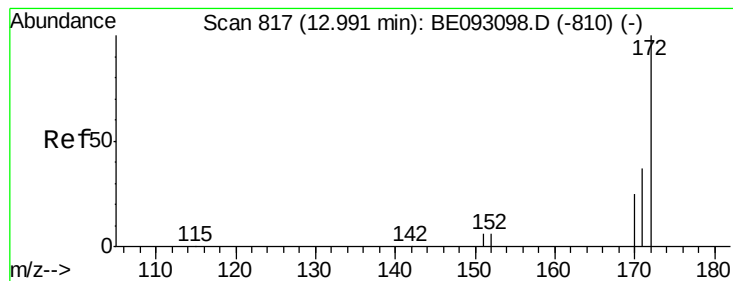


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

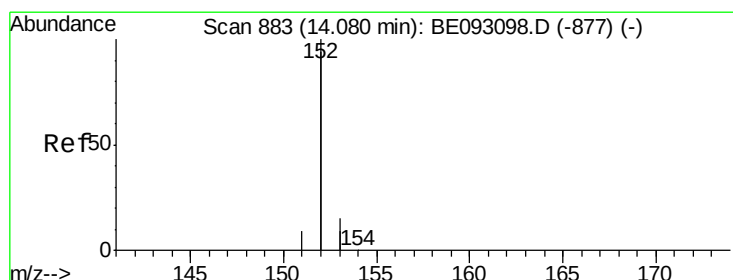
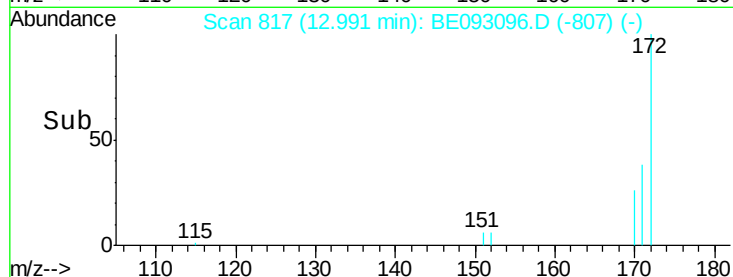
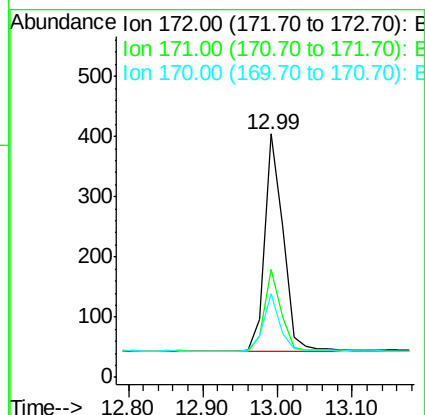
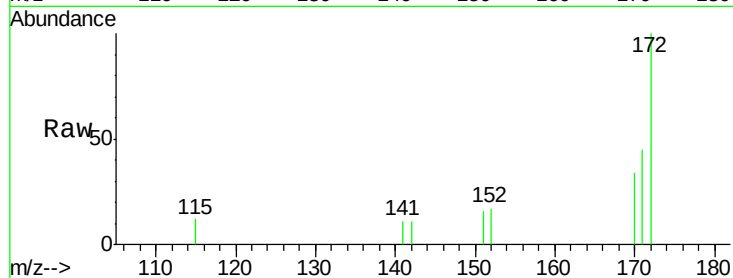




#15
2-Fluorobiphenyl
Concen: 0.111 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

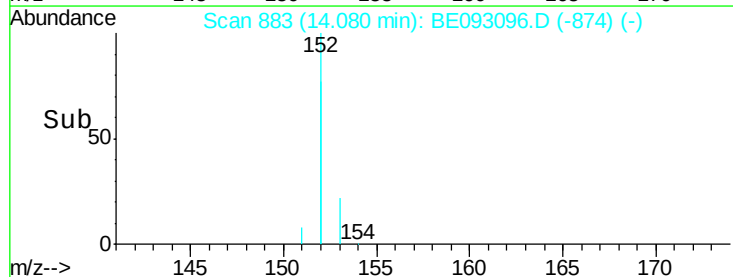
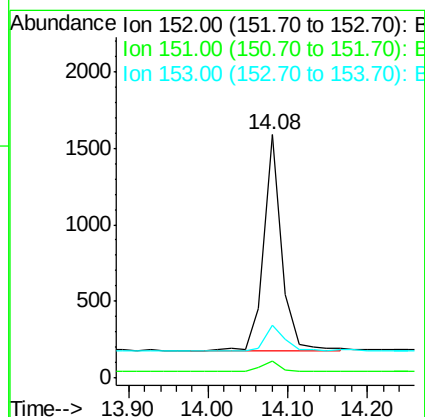
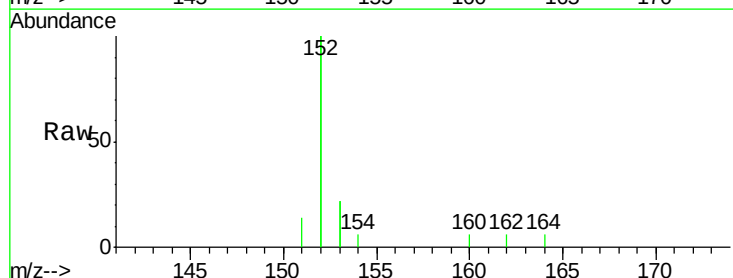
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

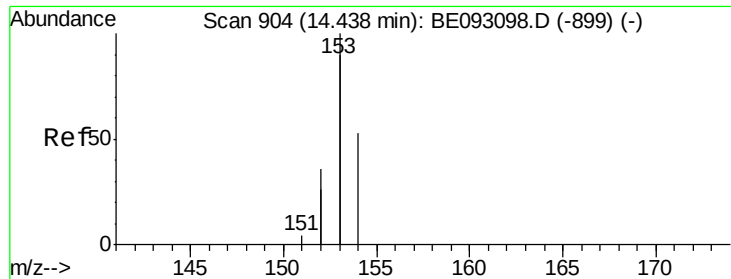
Tgt Ion:172 Resp: 607
Ion Ratio Lower Upper
172 100
171 44.6 29.8 44.6
170 34.4 20.7 31.1#



#16
Acenaphthylene
Concen: 0.094 ng
RT: 14.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion:152 Resp: 2210
Ion Ratio Lower Upper
152 100
151 4.7 4.0 6.0
153 13.2 10.3 15.5

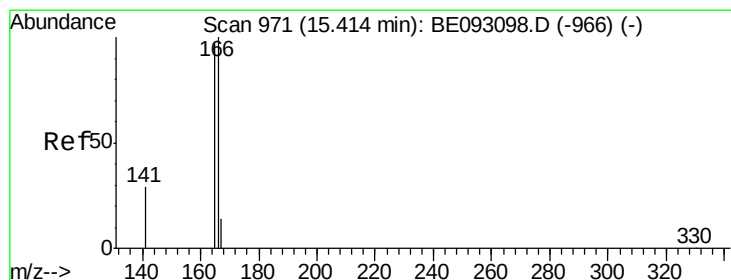
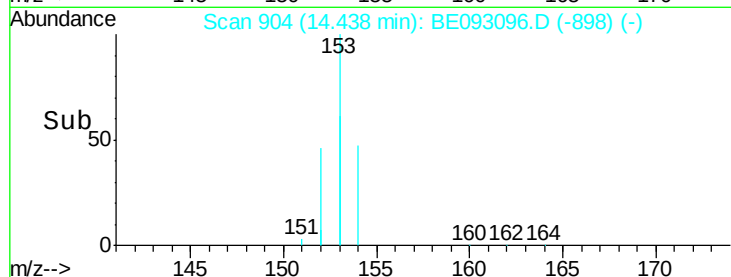
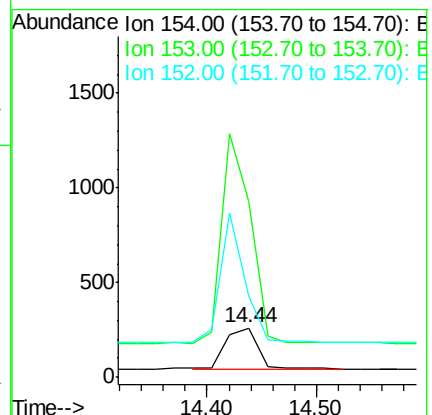
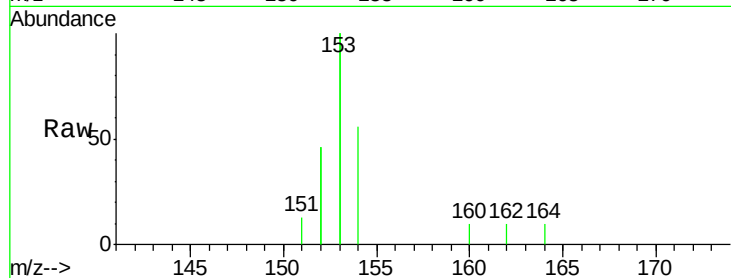




#17
Acenaphthene
Concen: 0.103 ng
RT: 14.44 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

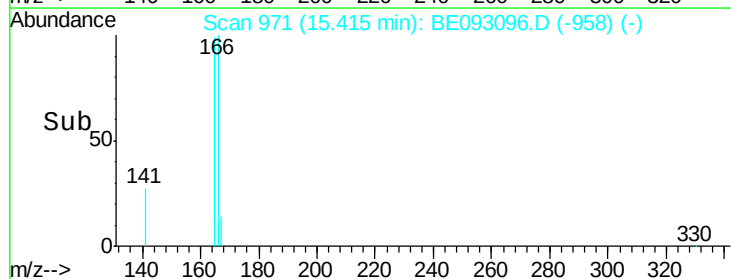
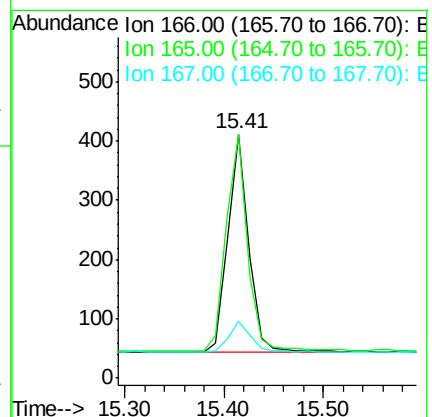
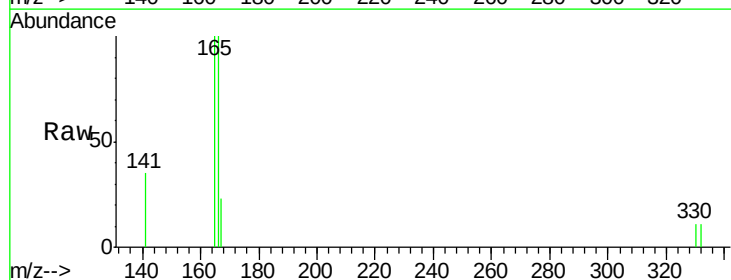
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

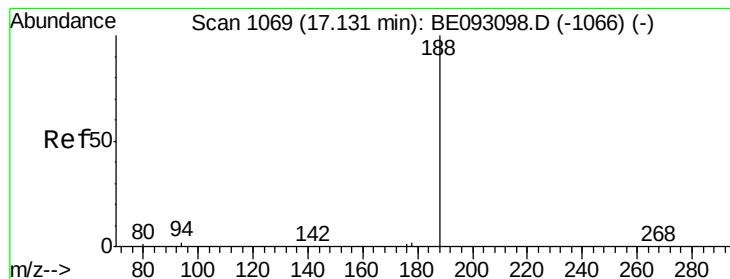
Tgt Ion:154 Resp: 435
Ion Ratio Lower Upper
154 100
153 461.4 367.8 551.6
152 242.5 188.2 282.2



#18
Fluorene
Concen: 0.102 ng
RT: 15.41 min Scan# 971
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion:166 Resp: 526
Ion Ratio Lower Upper
166 100
165 103.0 78.6 117.8
167 14.3 11.1 16.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.13 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

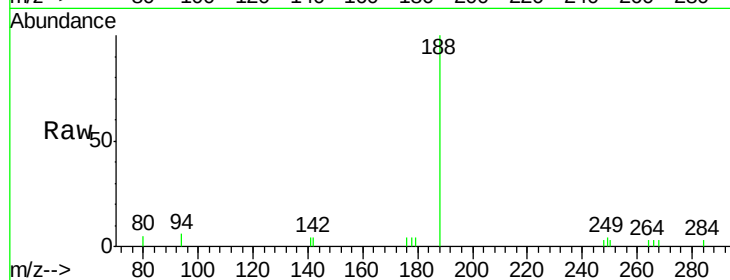
Tgt Ion:188 Resp: 2897

Ion Ratio Lower Upper

188 100

94 5.7 11.3 16.9#

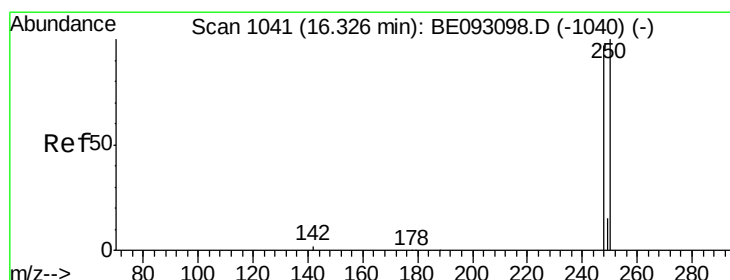
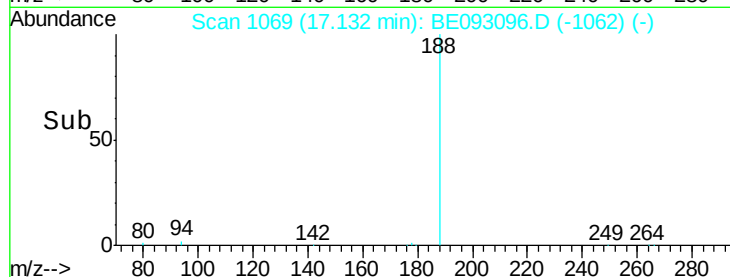
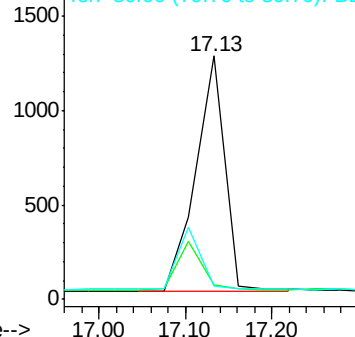
80 5.4 11.7 17.5#



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



#20

4-Bromophenyl-phenylether

Concen: 0.184 ng

RT: 16.33 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

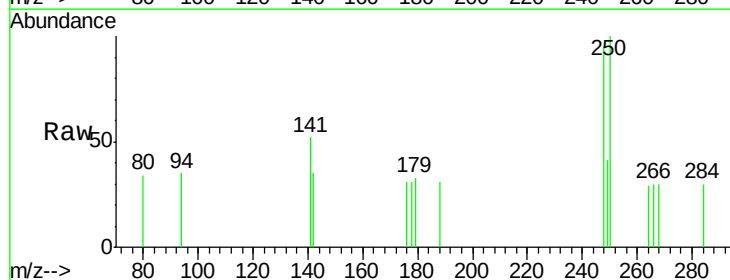
Tgt Ion:248 Resp: 166

Ion Ratio Lower Upper

248 100

250 105.0 100.0 150.0

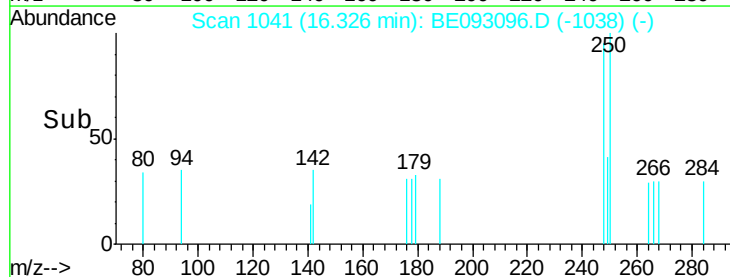
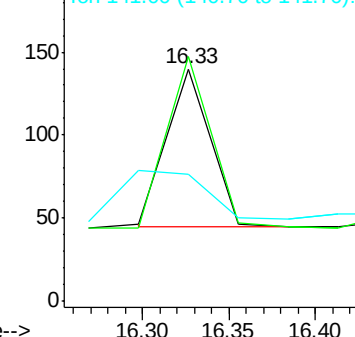
141 54.3 40.0 60.0

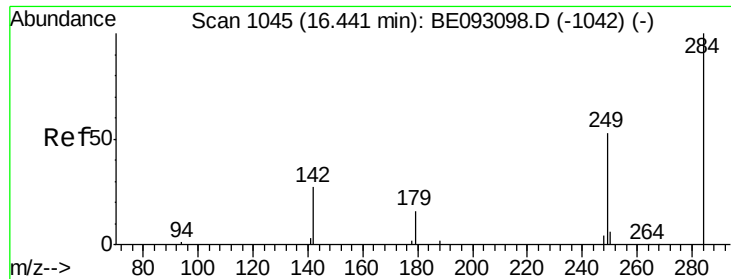


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.124 ng

RT: 16.44 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

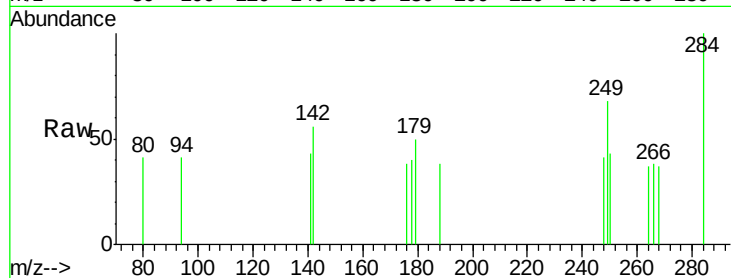
Tgt Ion: 284 Resp: 147

Ion Ratio Lower Upper

284 100

142 40.8 0.0 0.0#

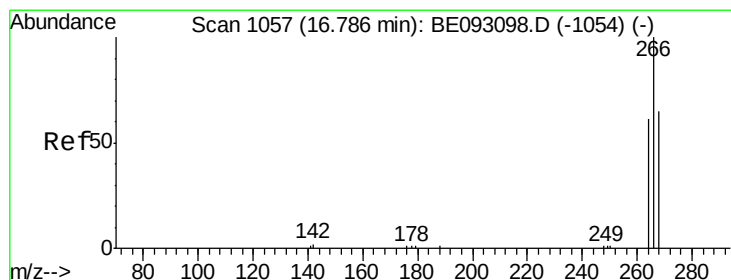
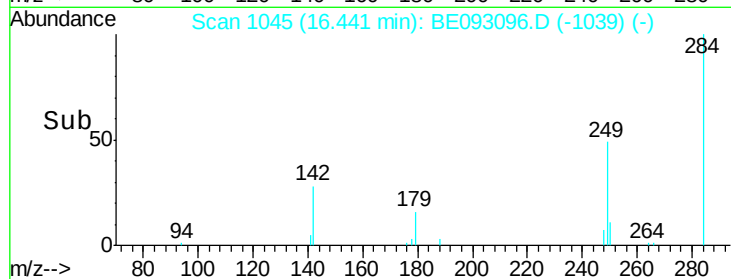
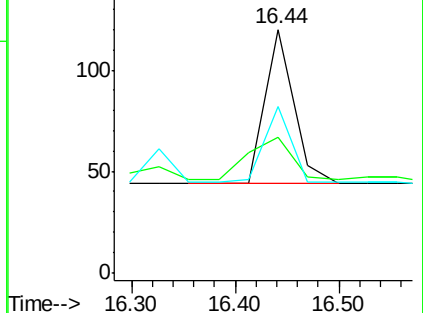
249 44.9 0.0 0.0#



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: 0.132 ng

RT: 16.79 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

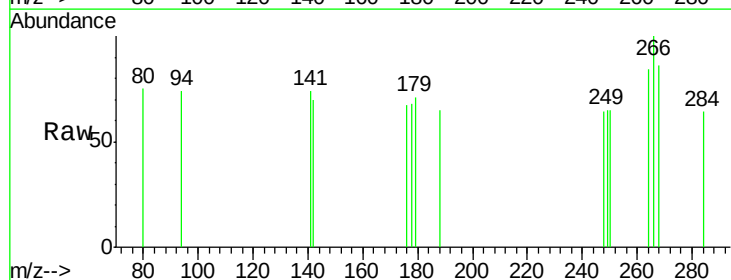
Tgt Ion: 266 Resp: 48

Ion Ratio Lower Upper

266 100

264 84.1 58.2 87.2

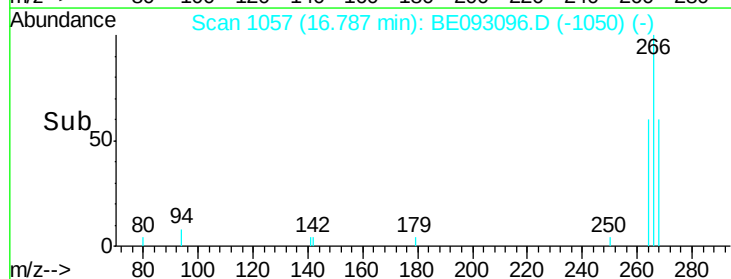
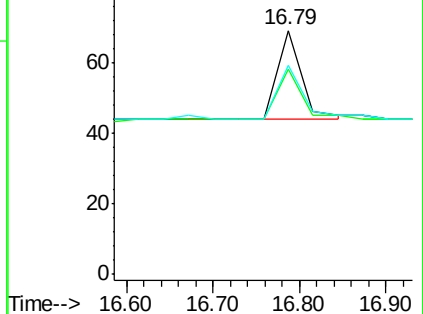
268 85.5 71.9 107.9

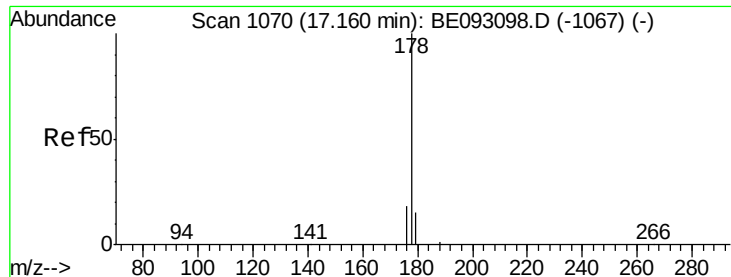


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.218 ng

RT: 17.16 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

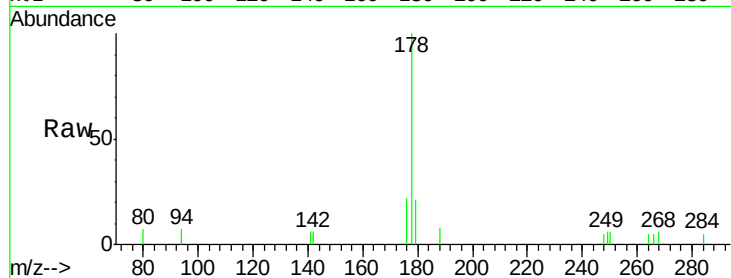
Tgt Ion:178 Resp: 1369

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

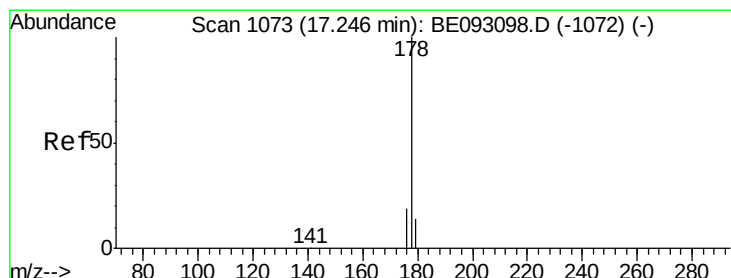
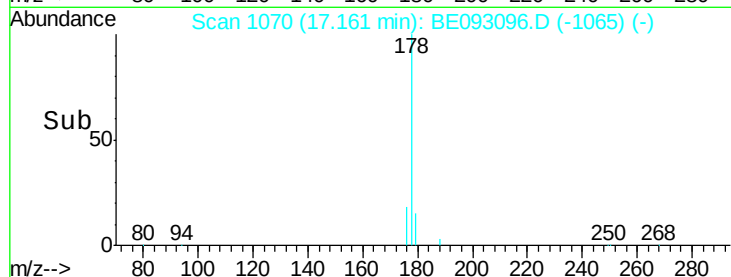
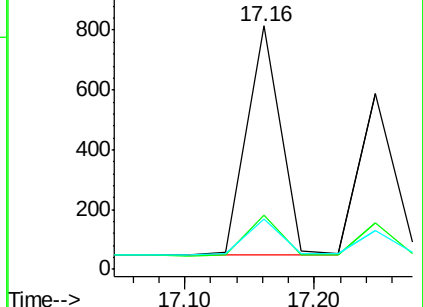
179 15.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.169 ng

RT: 17.25 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

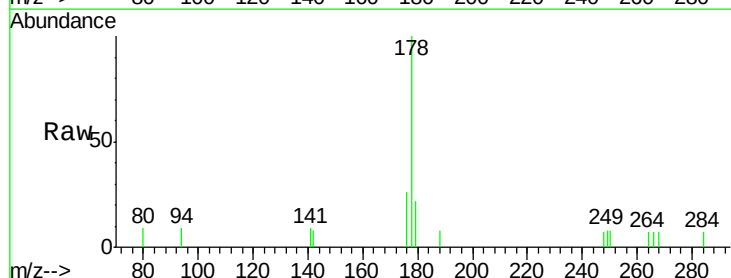
Tgt Ion:178 Resp: 1001

Ion Ratio Lower Upper

178 100

176 19.9 14.6 22.0

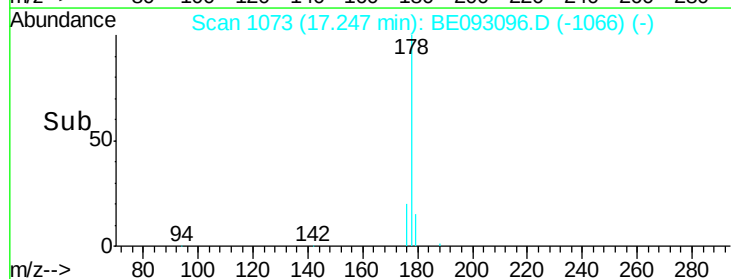
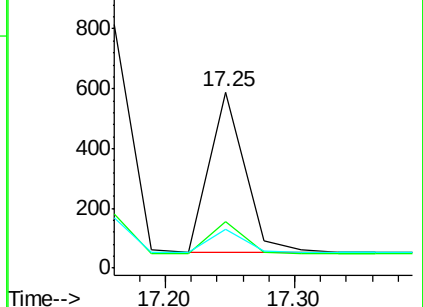
179 14.7 12.0 18.0

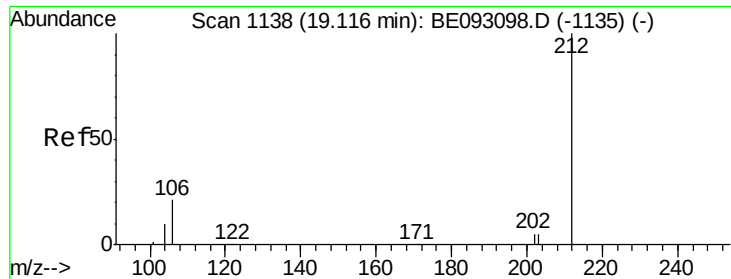


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.122 ng

RT: 19.11 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

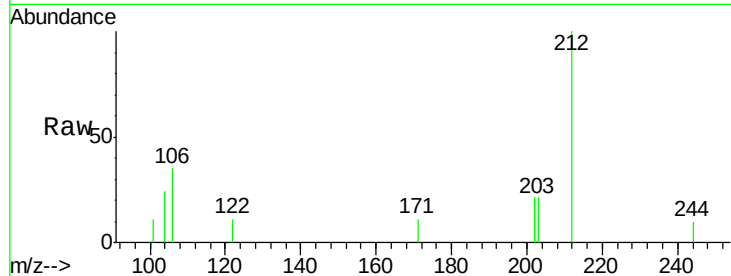
Tgt Ion:212 Resp: 931

Ion Ratio Lower Upper

212 100

106 18.0 0.0 0.0#

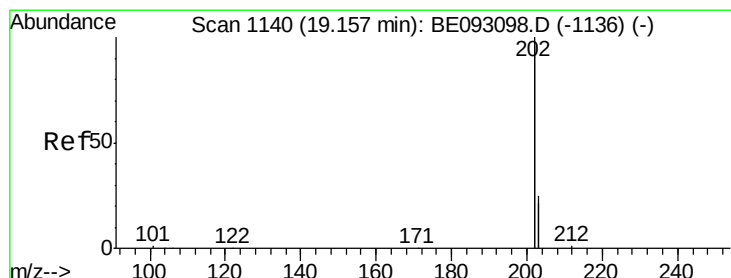
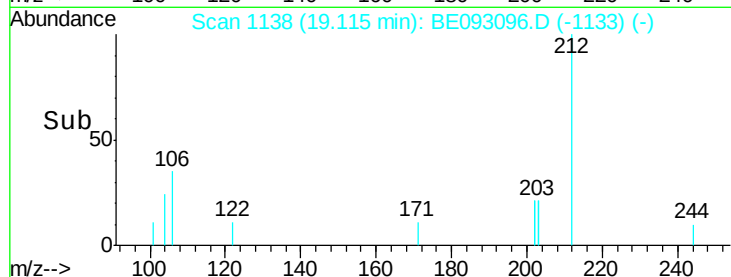
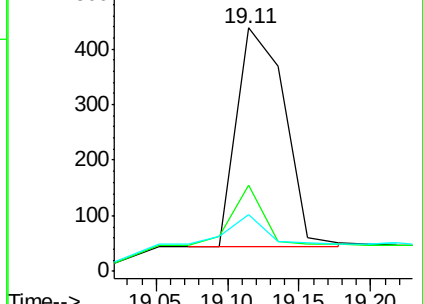
104 9.5 0.0 0.0#



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: 0.123 ng

RT: 19.16 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

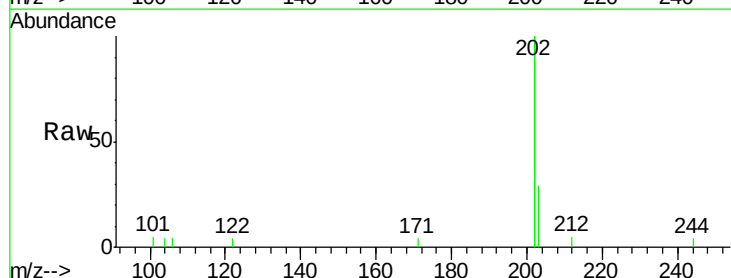
Tgt Ion:202 Resp: 4393

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

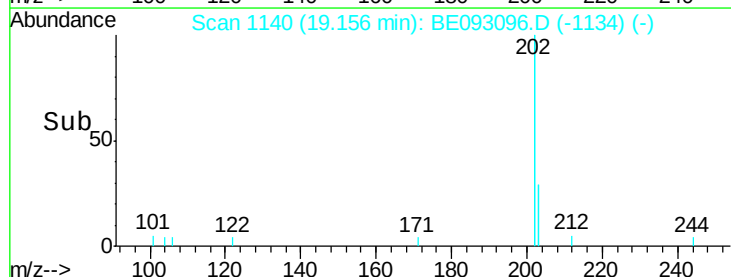
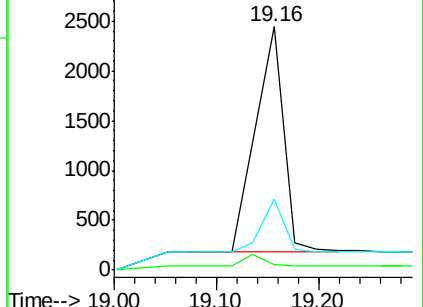
203 18.0 14.4 21.6

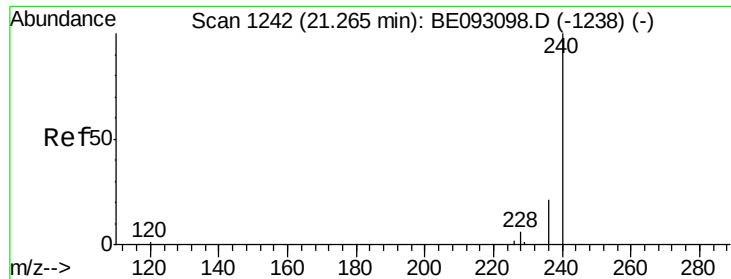


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

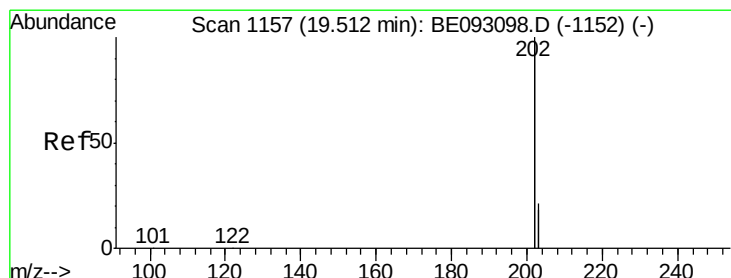
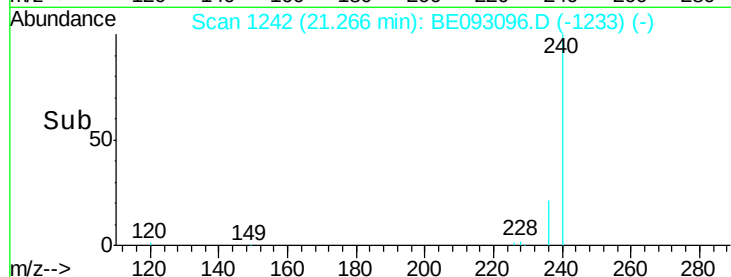
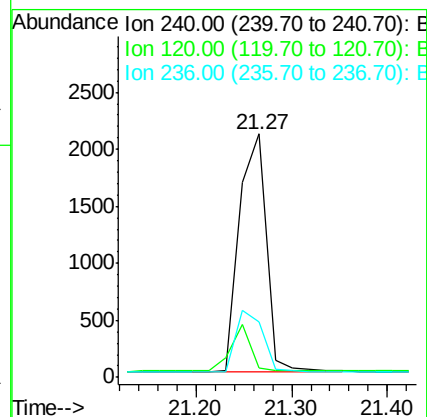
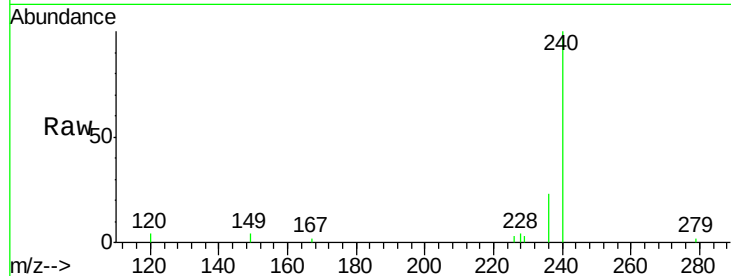




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

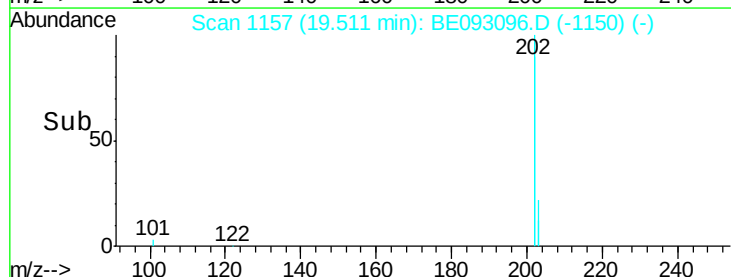
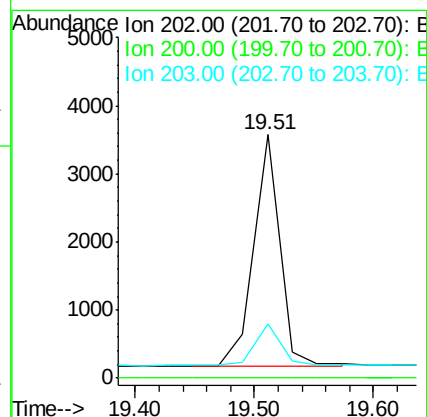
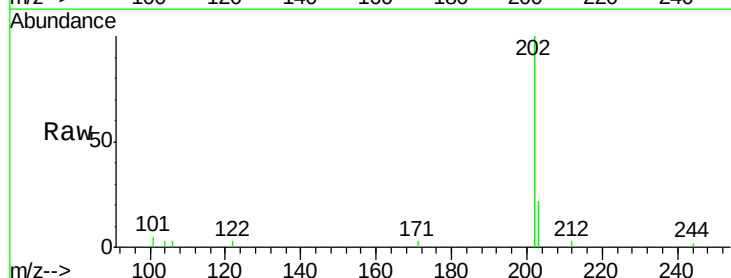
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

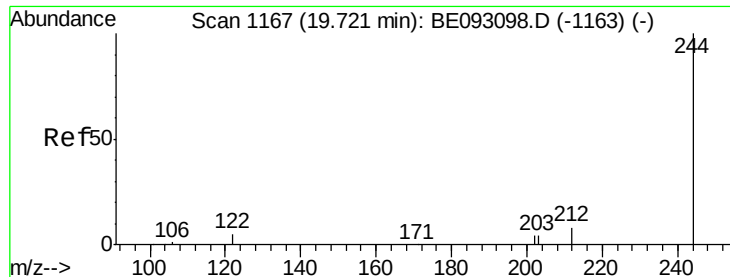
Tgt Ion:240 Resp: 4113
Ion Ratio Lower Upper
240 100
120 4.0 4.6 7.0#
236 23.0 20.8 31.2



#28
Pyrene
Concen: 0.104 ng
RT: 19.51 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BE093096.D
Acq: 12 Jun 2017 9:47

Tgt Ion:202 Resp: 5149
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 18.1 13.7 20.5





#29

Terphenyl-d14

Concen: 0.106 ng

RT: 19.72 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

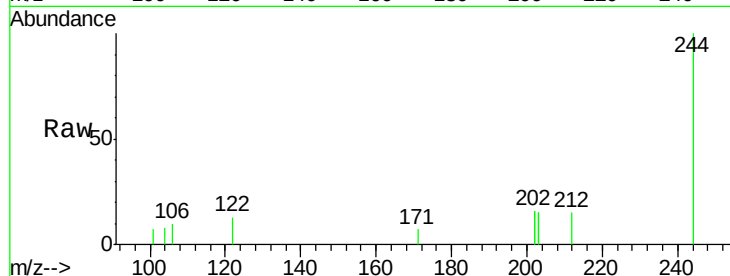
Tgt Ion:244 Resp: 815

Ion Ratio Lower Upper

244 100

212 15.2 10.6 16.0

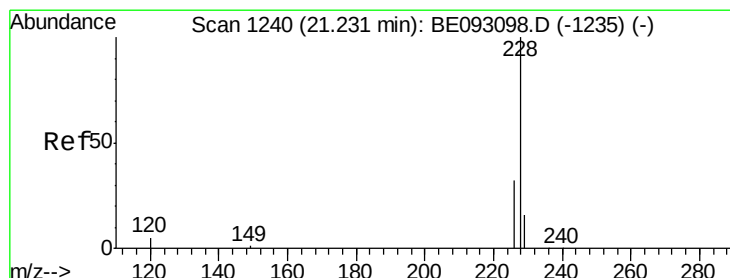
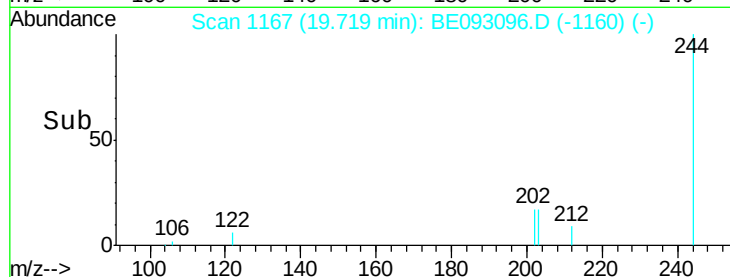
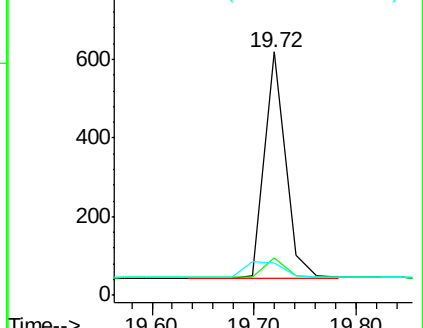
122 13.4 15.4 23.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.103 ng

RT: 21.23 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

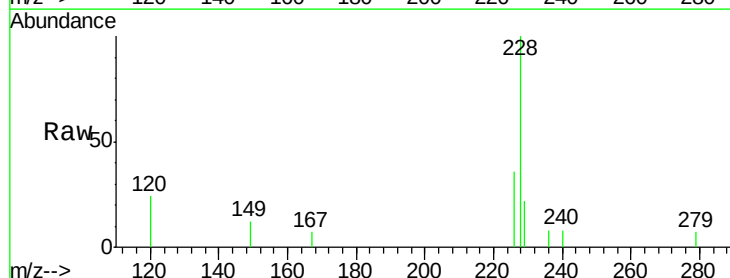
Tgt Ion:228 Resp: 1154

Ion Ratio Lower Upper

228 100

226 36.4 19.7 29.5#

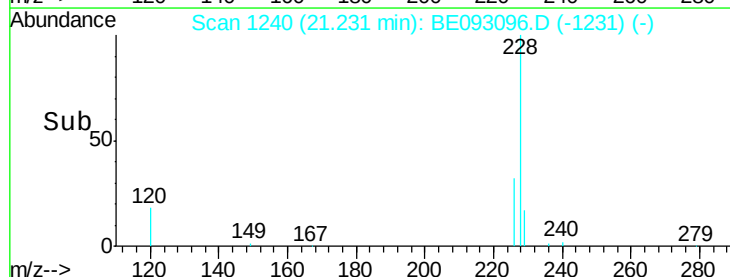
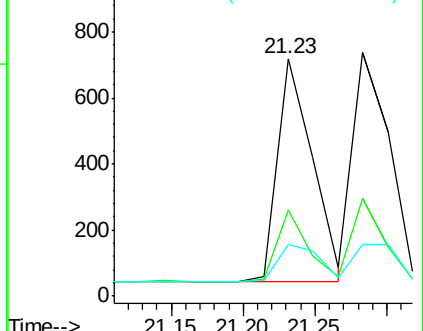
229 21.8 19.2 28.8

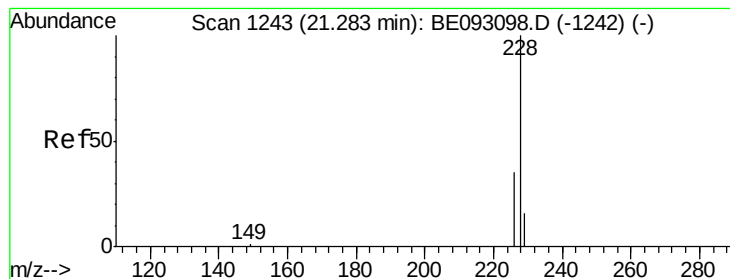


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.104 ng

RT: 21.28 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

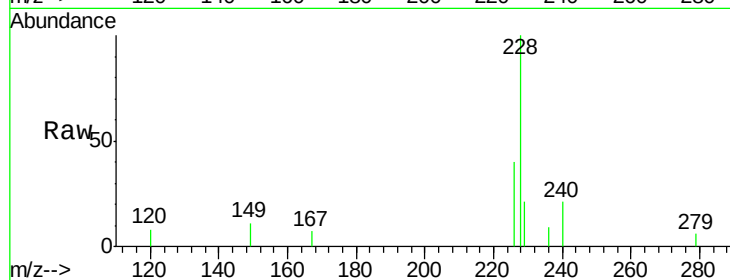
Tgt Ion: 228 Resp: 1243

Ion Ratio Lower Upper

228 100

226 39.9 21.5 32.3#

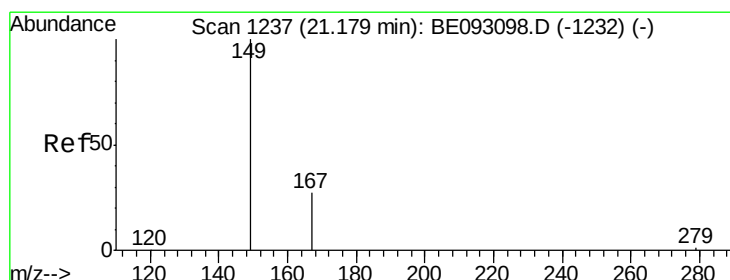
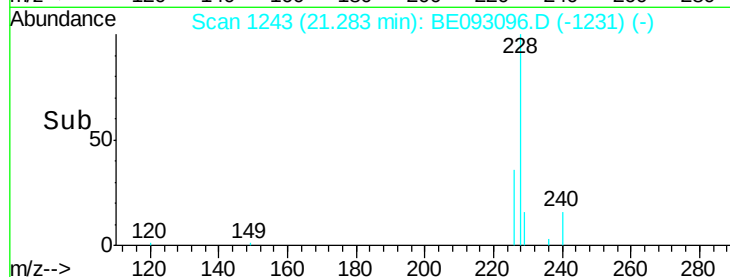
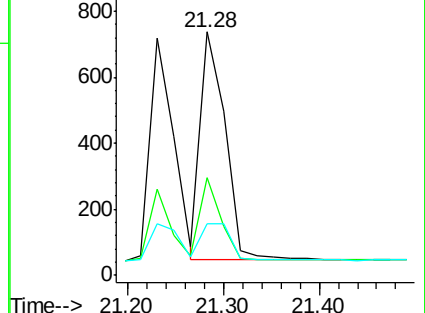
229 21.2 18.6 28.0



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: 0.114 ng

RT: 21.18 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

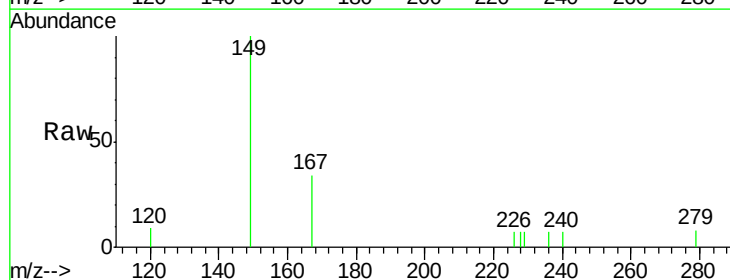
Tgt Ion: 149 Resp: 736

Ion Ratio Lower Upper

149 100

167 27.2 20.1 30.1

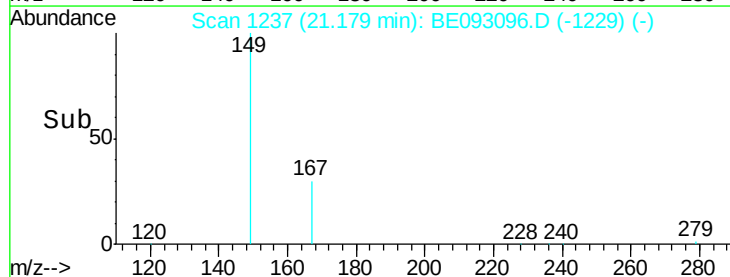
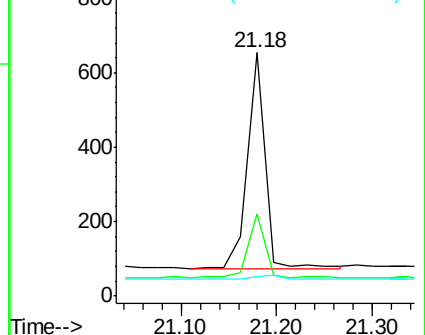
279 3.1 2.2 3.4

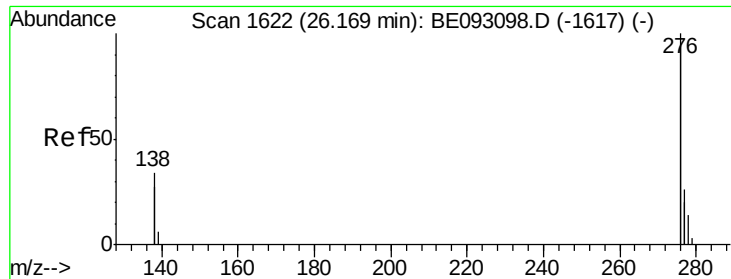


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.103 ng

RT: 26.17 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

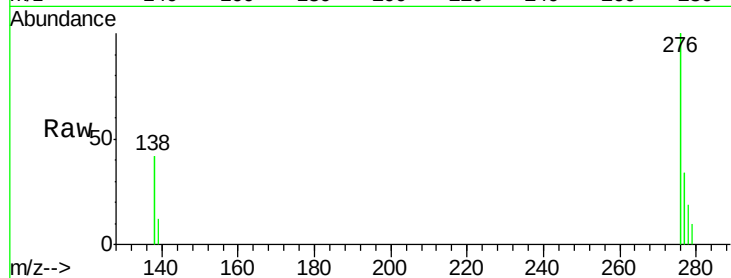
Tgt Ion: 276 Resp: 4525

Ion Ratio Lower Upper

276 100

138 35.3 27.4 41.2

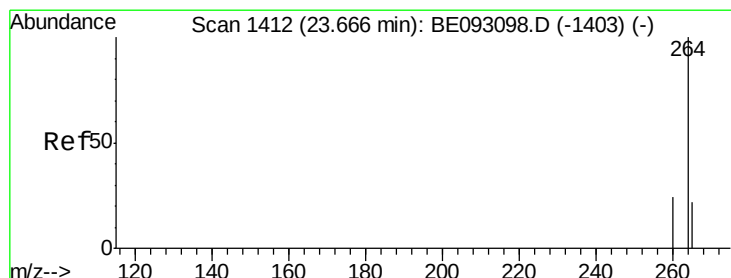
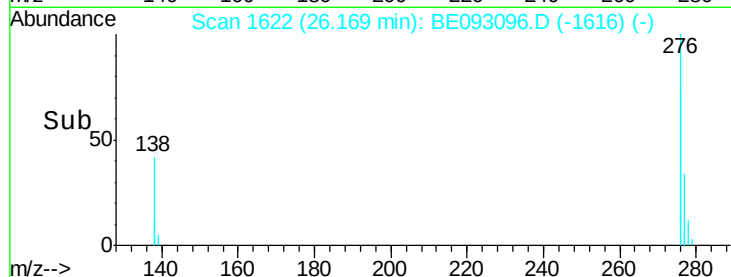
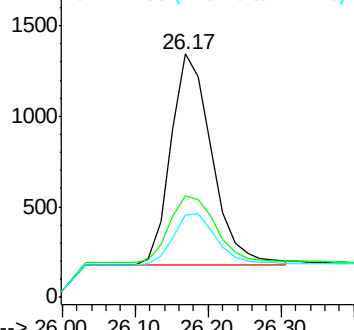
277 25.8 20.1 30.1



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

Perylene-d12

Concen: 0.400 ng

RT: 23.67 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

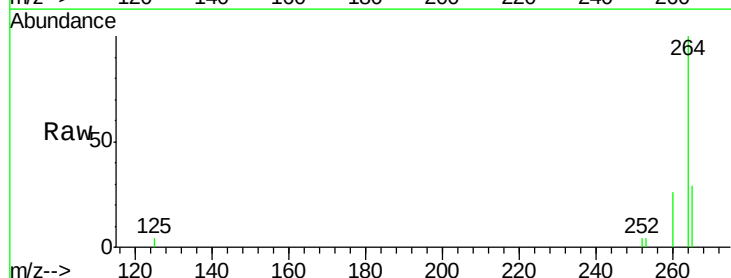
Tgt Ion: 264 Resp: 3614

Ion Ratio Lower Upper

264 100

260 25.7 21.0 31.4

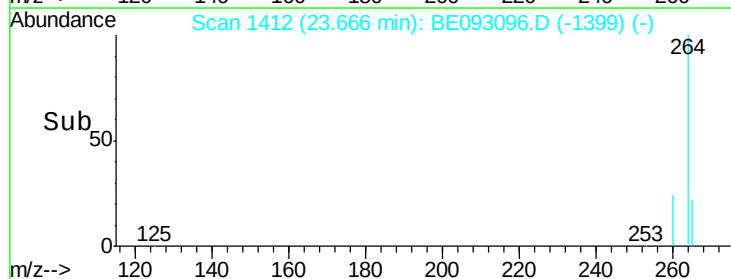
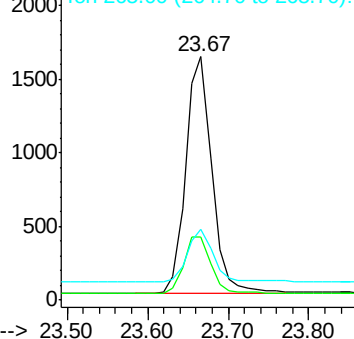
265 29.3 24.6 36.8

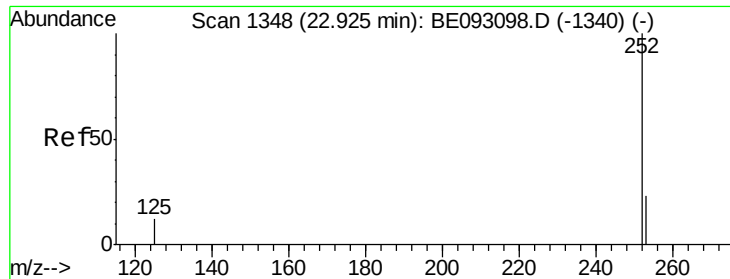


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.102 ng

RT: 22.93 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

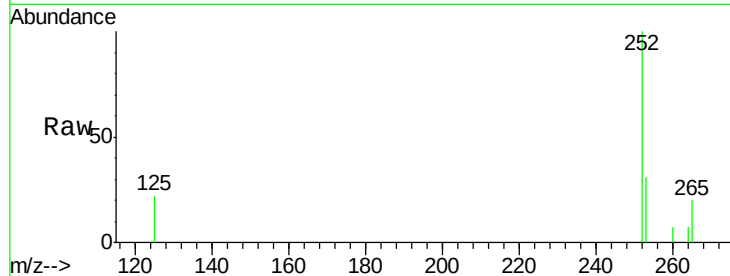
Tgt Ion:252 Resp: 1160

Ion Ratio Lower Upper

252 100

253 30.6 18.5 27.7#

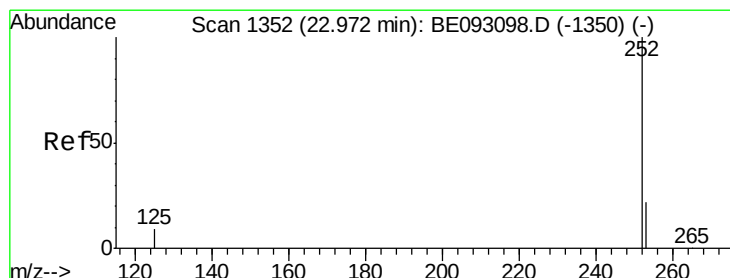
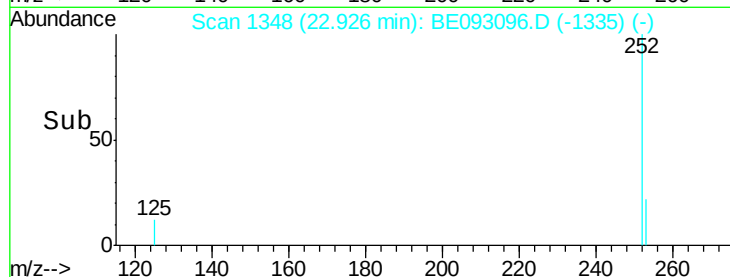
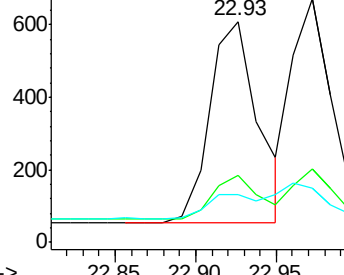
125 21.9 13.4 20.0#



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: 0.096 ng

RT: 22.97 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

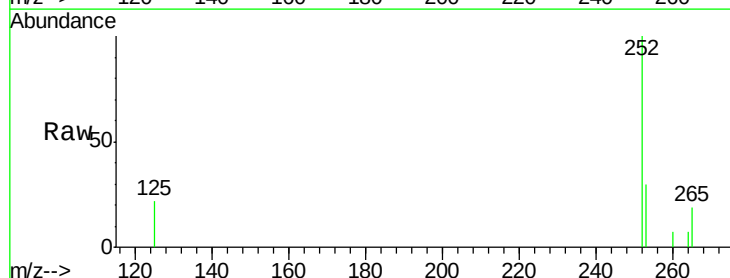
Tgt Ion:252 Resp: 1098

Ion Ratio Lower Upper

252 100

253 30.3 20.3 30.5

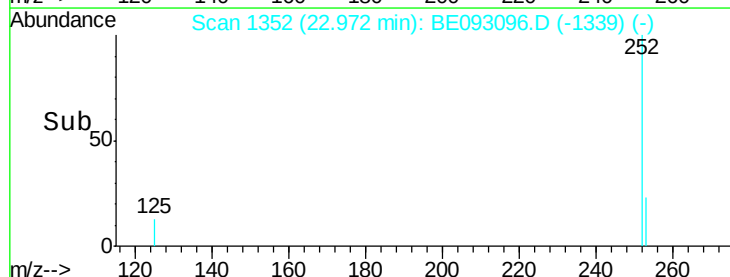
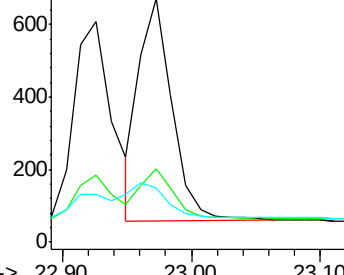
125 22.1 12.2 18.4#

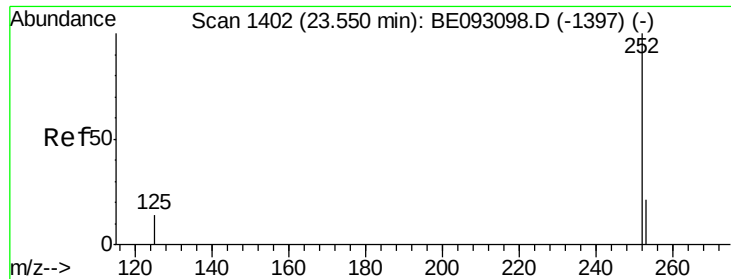


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.093 ng

RT: 23.55 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

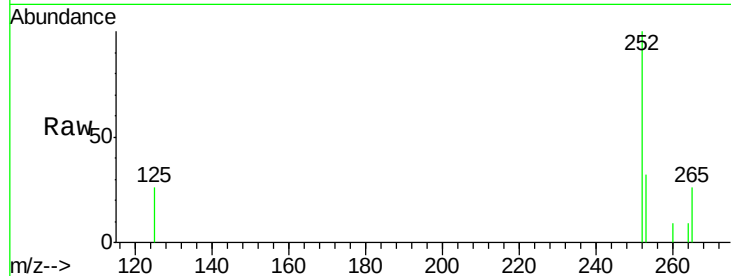
Tgt Ion: 252 Resp: 974

Ion Ratio Lower Upper

252 100

253 32.2 19.9 29.9#

125 26.1 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

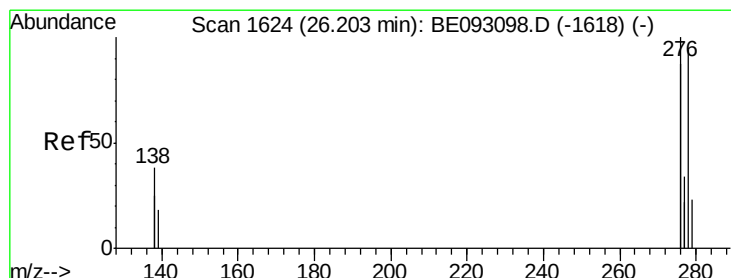
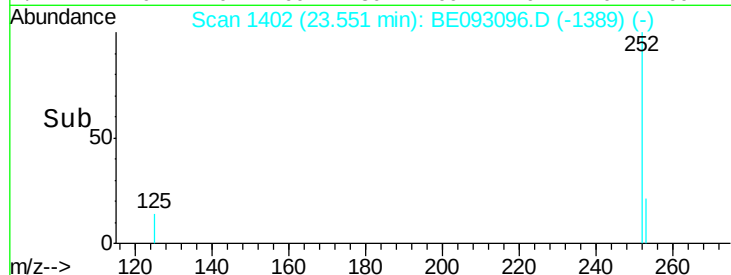
23.55

400

200

0

Time-->



#38

Dibenzo(a,h)anthracene

Concen: 0.105 ng

RT: 26.20 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE093096.D

Acq: 12 Jun 2017 9:47

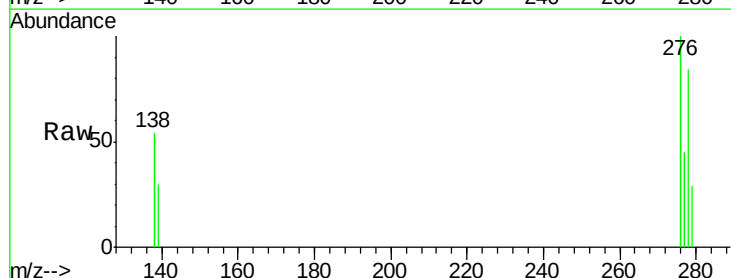
Tgt Ion: 278 Resp: 1019

Ion Ratio Lower Upper

278 100

139 36.3 21.4 32.0#

279 34.9 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

26.20

400

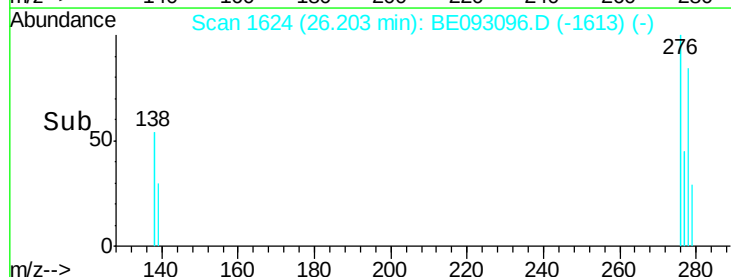
300

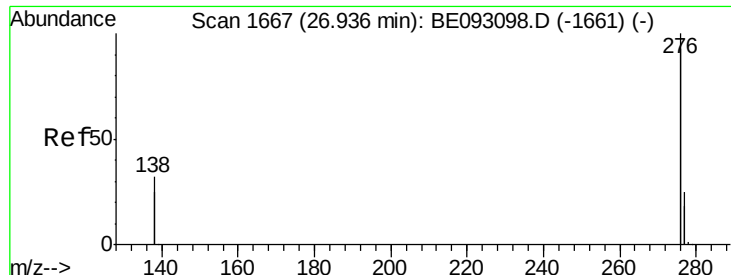
200

100

0

Time-->





#39

Benzo(g,h,i)perylene

Concen: 0.100 ng

RT: 26.94 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BE093096.D

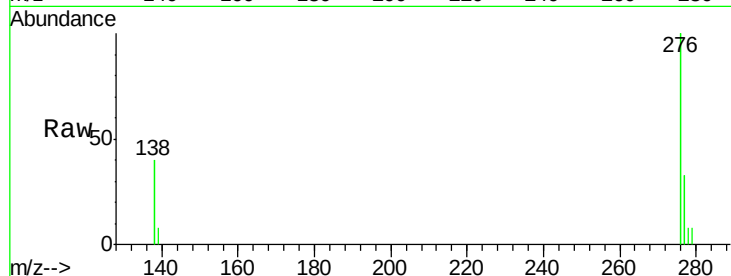
Acq: 12 Jun 2017 9:47

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1



Tgt Ion: 276 Resp: 4226

Ion Ratio Lower Upper

276 100

277 33.2 21.2 31.8#

138 40.3 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

