

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
 Data File : BE093100.D
 Acq On : 12 Jun 2017 12:13
 Operator : SJ/MA
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Jun 12 13:13:29 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	738	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	3525	0.40	ng	-0.02
13) Acenaphthene-d10	14.37	164	1882	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3821	0.40	ng	0.00
27) Chrysene-d12	21.27	240	5754	0.40	ng	0.00
34) Perylene-d12	23.67	264	4635	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	3641	1.61	ng	0.00
5) Phenol-d6	6.90	99	5349	1.75	ng	0.00
8) Nitrobenzene-d5	8.88	82	4711	1.53	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	11439	2.21	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	816	1.46	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	12654	1.63	ng	0.00
25) Fluoranthene-d10	19.11	212	19430	1.94	ng	0.00
29) Terphenyl-d14	19.72	244	18438	1.72	ng	0.00

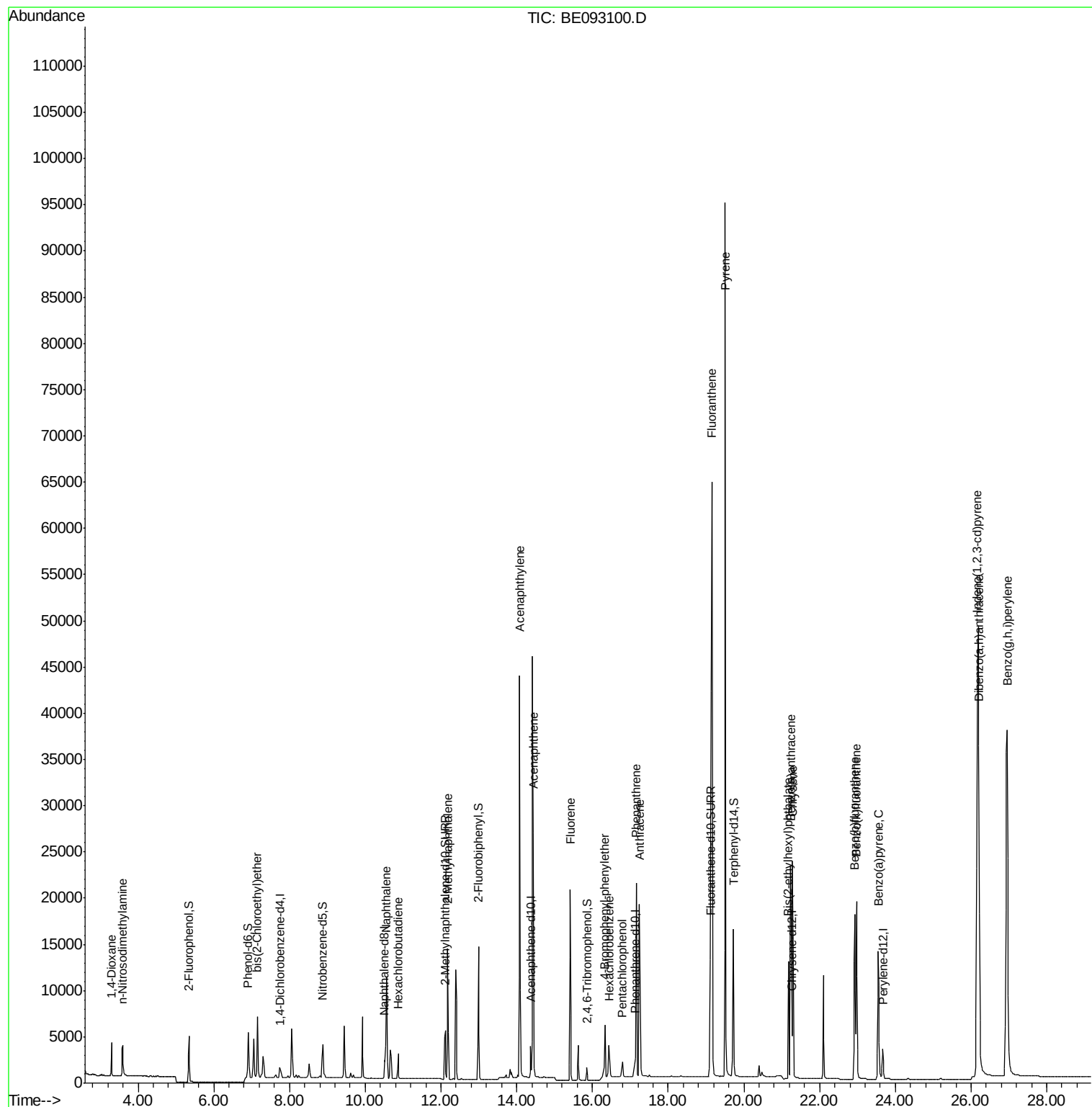
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	2559	1.713	ng	98
3) n-Nitrosodimethylamine	3.58	42	2406	1.800	ng	# 98
6) bis(2-Chloroethyl)ether	7.15	93	4954	1.991	ng	# 99
9) Naphthalene	10.56	128	15220	1.639	ng	95
10) Hexachlorobutadiene	10.87	225	2047	1.679	ng	99
12) 2-Methylnaphthalene	12.18	142	9808	1.704	ng	99
16) Acenaphthylene	14.08	152	56760	1.720	ng	100
17) Acenaphthene	14.44	154	10220	1.720	ng	90
18) Fluorene	15.41	166	12304	1.693	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	3903	3.287	ng	# 79
21) Hexachlorobenzene	16.44	284	3092	1.984	ng	# 100
22) Pentachlorophenol	16.79	266	1260	2.637	ng	# 81
23) Phenanthrene	17.16	178	27854	3.365	ng	99
24) Anthracene	17.25	178	25094	3.221	ng	99
26) Fluoranthene	19.16	202	103928	2.211	ng	# 98
28) Pyrene	19.51	202	117056	1.689	ng	# 99
30) Benzo(a)anthracene	21.23	228	25556	1.633	ng	# 84
31) Chrysene	21.28	228	26285	1.571	ng	# 83
32) Bis(2-ethylhexyl)phthalate	21.18	149	11810	1.310	ng	# 96
33) Indeno(1,2,3-cd)pyrene	26.17	276	100906	1.648	ng	98
35) Benzo(b)fluoranthene	22.93	252	25011	1.708	ng	# 95
36) Benzo(k)fluoranthene	22.97	252	24261	1.651	ng	94
37) Benzo(a)pyrene	23.55	252	21978	1.639	ng	# 93
38) Dibenzo(a,h)anthracene	26.20	278	22758	1.826	ng	# 90
39) Benzo(g,h,i)perylene	26.95	276	90221	1.661	ng	94

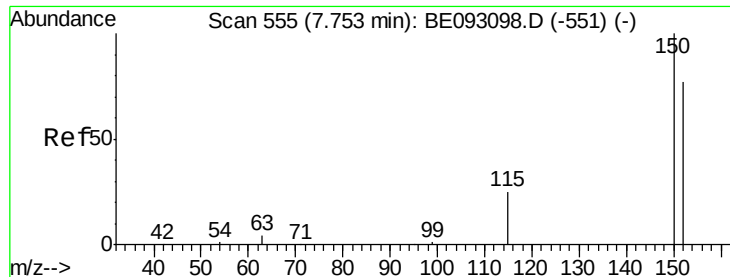
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
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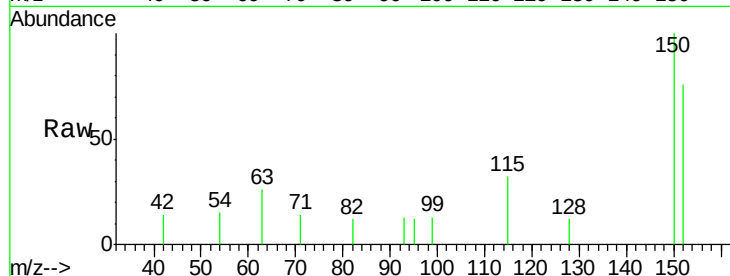


#1

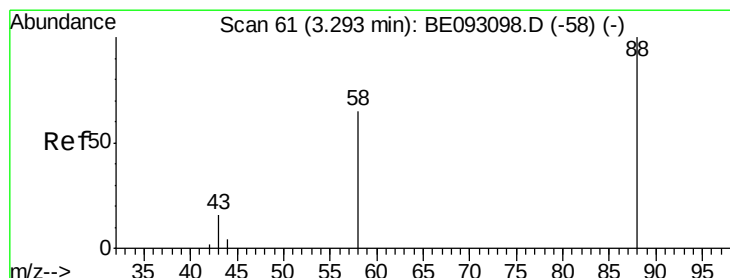
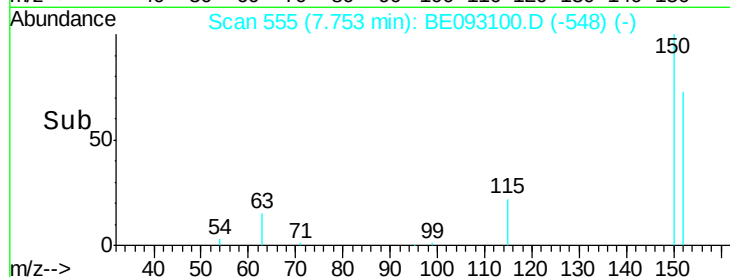
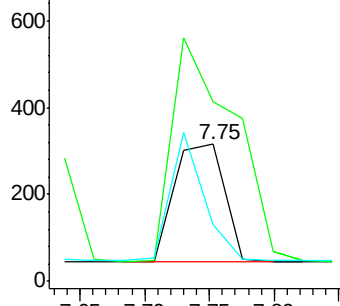
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE093100.D
Acq: 12 Jun 2017 12:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 738
Ion Ratio Lower Upper
152 100
150 131.0 125.1 187.7
115 41.5 55.7 83.5#



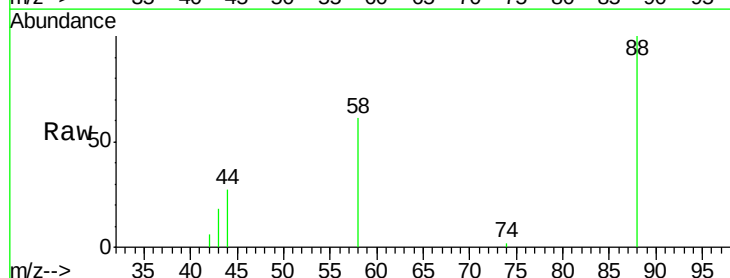
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



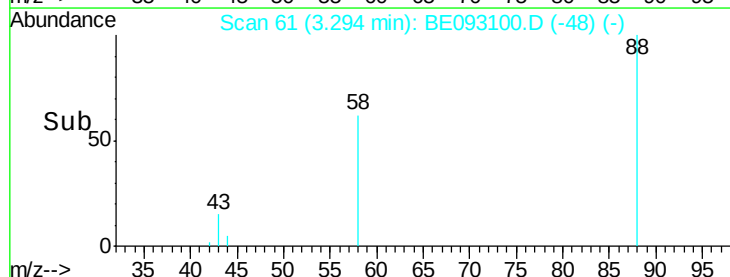
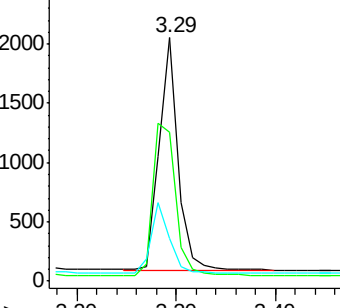
#2

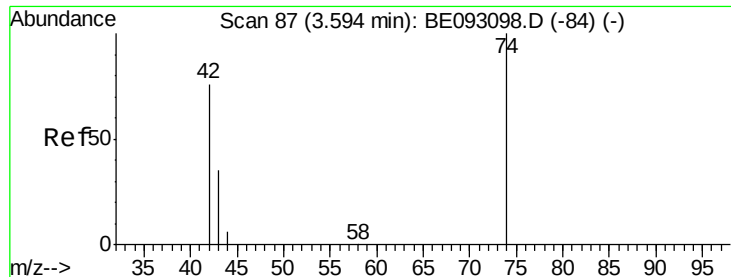
1,4-Dioxane
Concen: 1.713 ng
RT: 3.29 min Scan# 61
Delta R.T. 0.00 min
Lab File: BE093100.D
Acq: 12 Jun 2017 12:13

Tgt Ion: 88 Resp: 2559
Ion Ratio Lower Upper
88 100
58 79.6 62.2 93.4
43 29.9 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

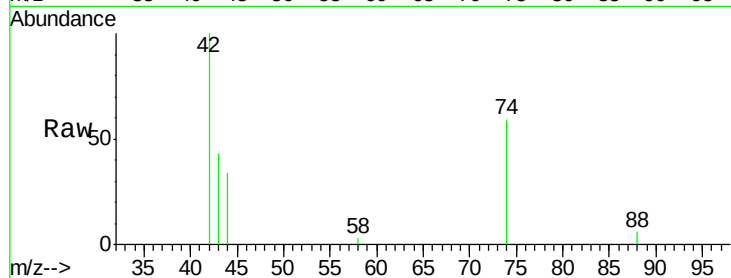




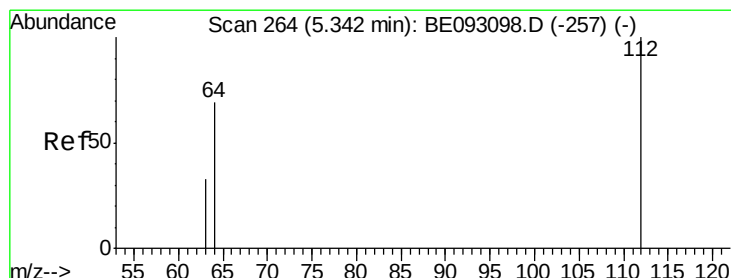
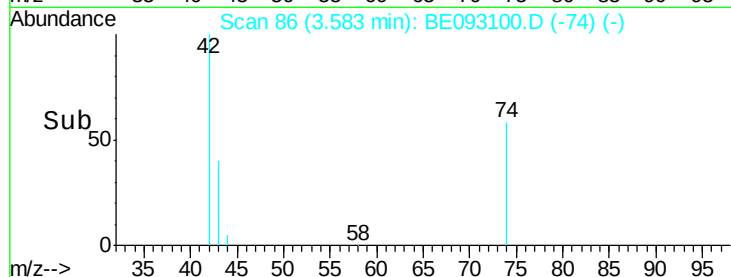
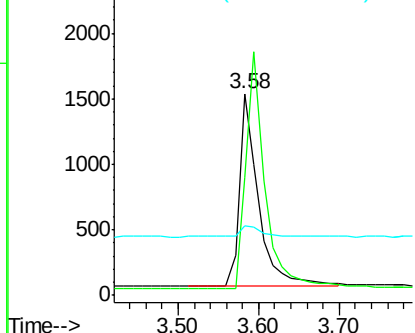
#3
n-Nitrosodimethylamine
Concen: 1.800 ng
RT: 3.58 min Scan# 86
Delta R.T. -0.01 min
Lab File: BE093100.D
Acq: 12 Jun 2017 12:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 2406
Ion Ratio Lower Upper
42 100
74 125.1 99.1 148.7
44 6.3 7.4 11.2#

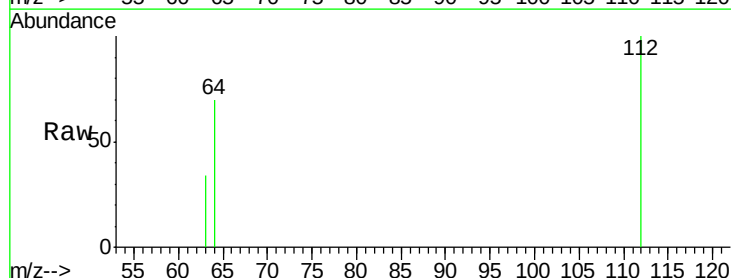


Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0

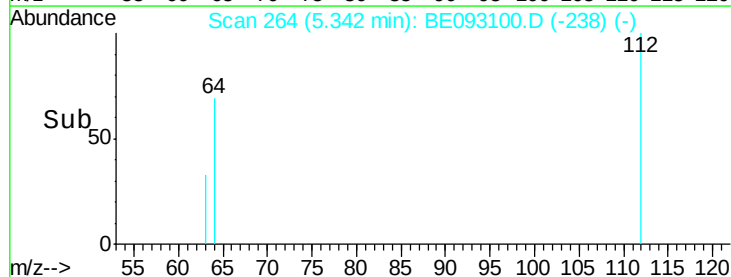
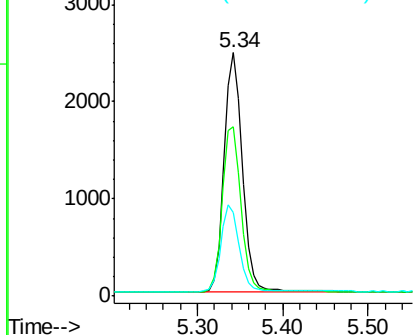


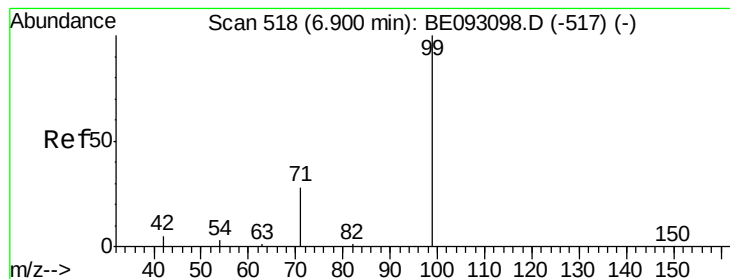
#4
2-Fluorophenol
Concen: 1.609 ng
RT: 5.34 min Scan# 264
Delta R.T. 0.00 min
Lab File: BE093100.D
Acq: 12 Jun 2017 12:13

Tgt Ion: 112 Resp: 3641
Ion Ratio Lower Upper
112 100
64 71.5 56.4 84.6
63 36.6 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: 1.751 ng

RT: 6.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

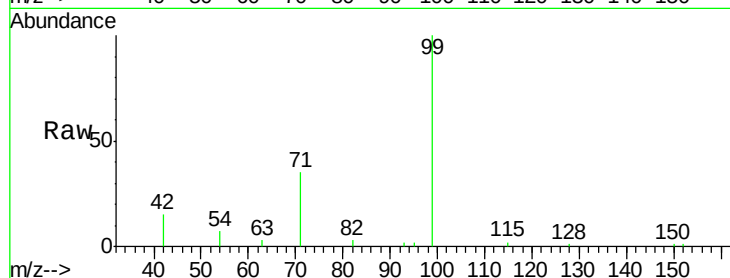
Tgt Ion: 99 Resp: 5349

Ion Ratio Lower Upper

99 100

42 20.4 0.0 0.0#

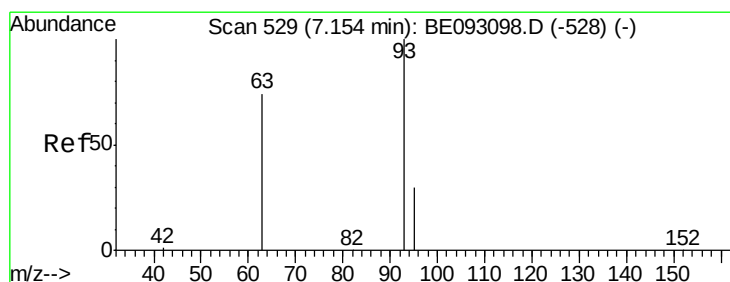
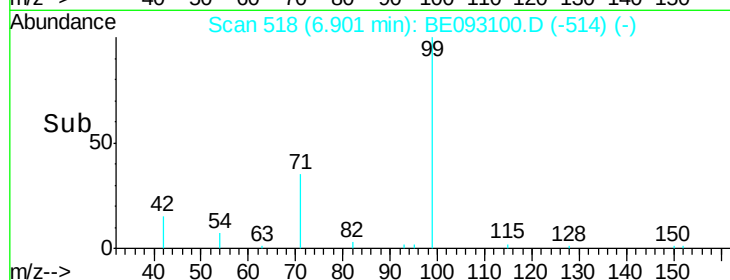
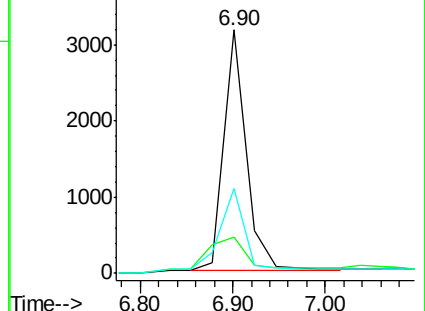
71 35.4 0.0 0.0#



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



#6

bis(2-Chloroethyl)ether

Concen: 1.991 ng

RT: 7.15 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

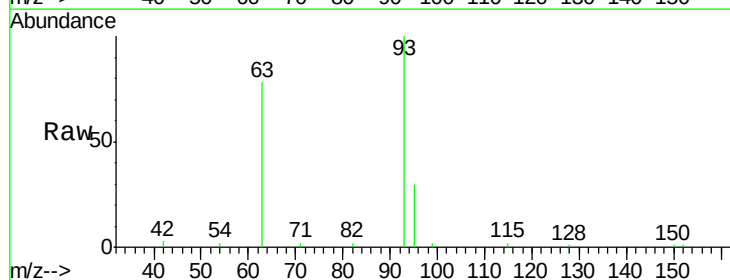
Tgt Ion: 93 Resp: 4954

Ion Ratio Lower Upper

93 100

63 82.4 0.0 0.0#

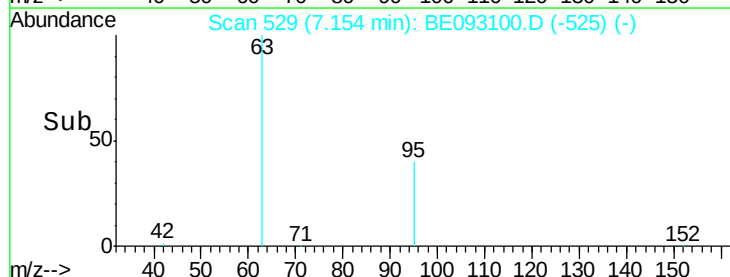
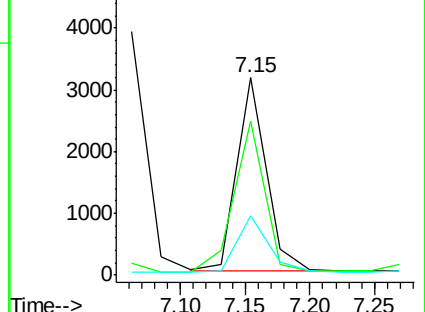
95 31.0 25.4 38.0

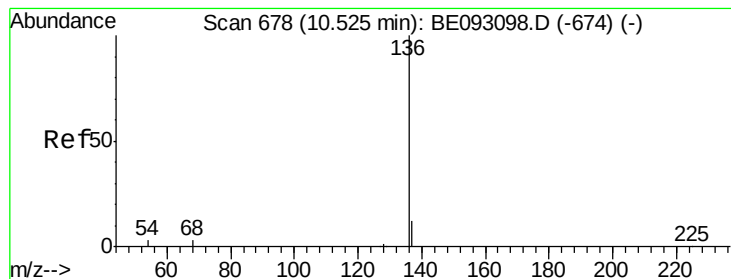


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.51 min Scan# 677

Delta R.T. -0.02 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tgt Ion:136 Resp: 3525

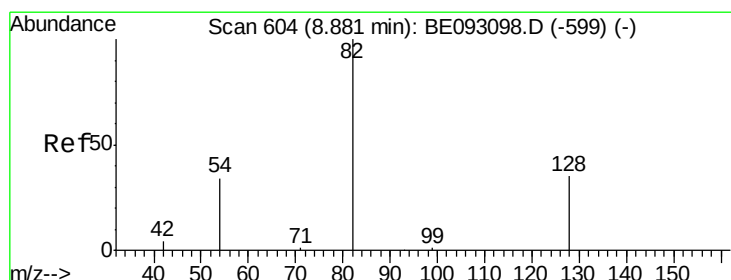
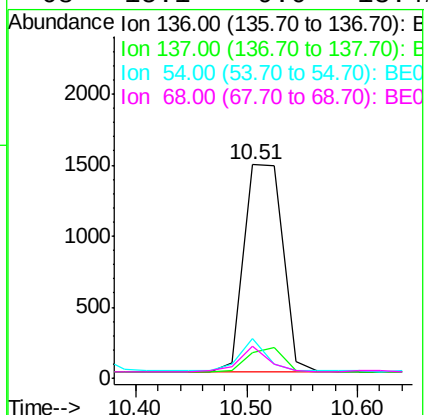
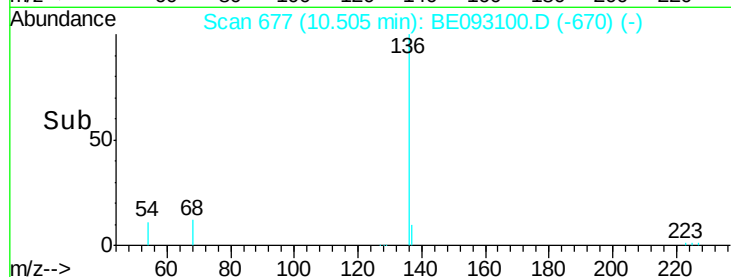
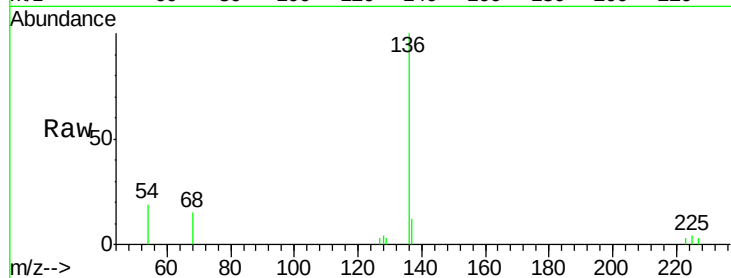
Ion Ratio Lower Upper

136 100

137 12.2 9.8 14.8

54 18.7 10.3 15.5#

68 15.1 9.0 13.4#



#8

Nitrobenzene-d5

Concen: 1.528 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

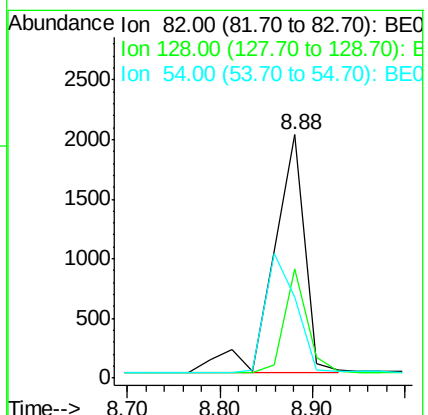
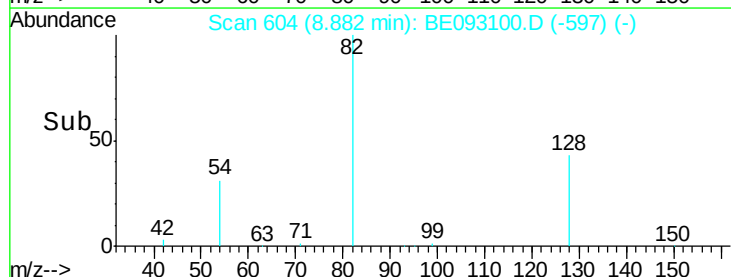
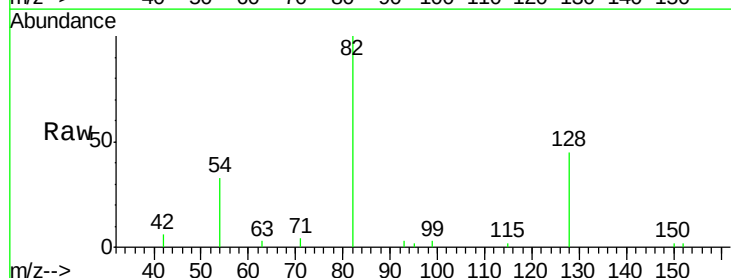
Tgt Ion: 82 Resp: 4711

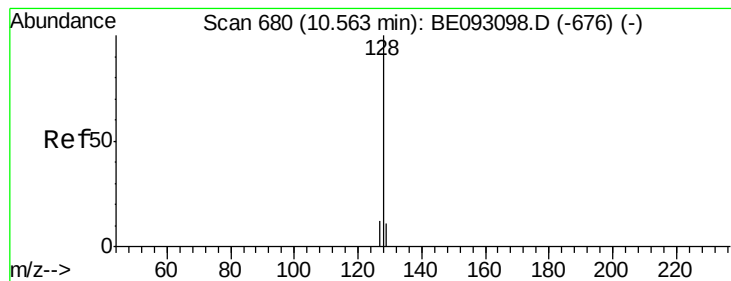
Ion Ratio Lower Upper

82 100

128 44.7 17.0 25.4#

54 33.1 53.8 80.6#





#9

Naphthalene

Concen: 1.639 ng

RT: 10.56 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

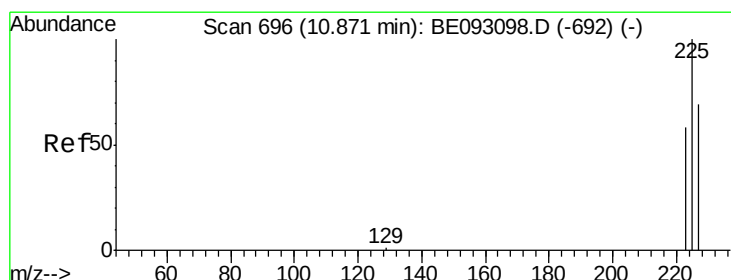
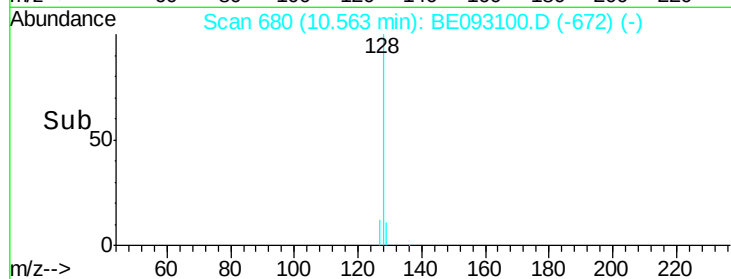
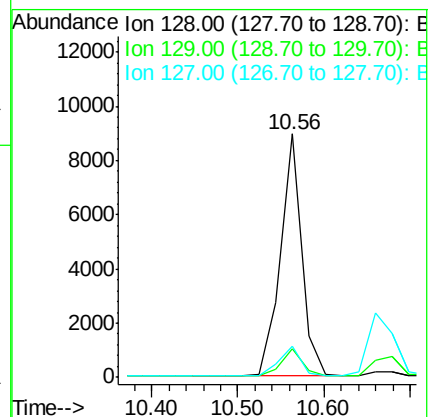
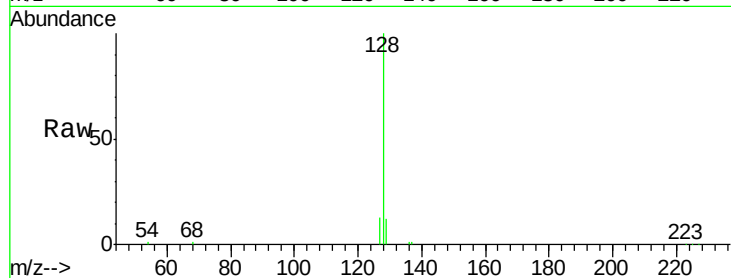
Tgt Ion:128 Resp: 15220

Ion Ratio Lower Upper

128 100

129 11.6 11.4 17.0

127 12.7 11.2 16.8



#10

Hexachlorobutadiene

Concen: 1.679 ng

RT: 10.87 min Scan# 696

Delta R.T. -0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

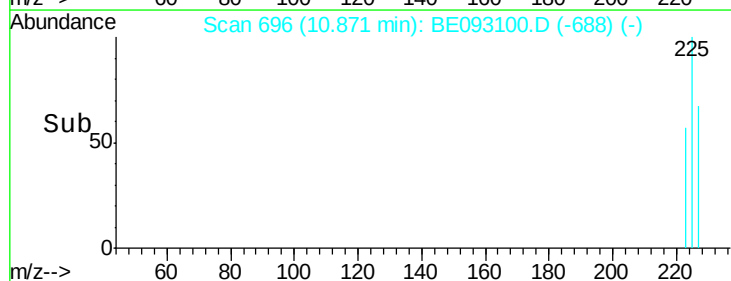
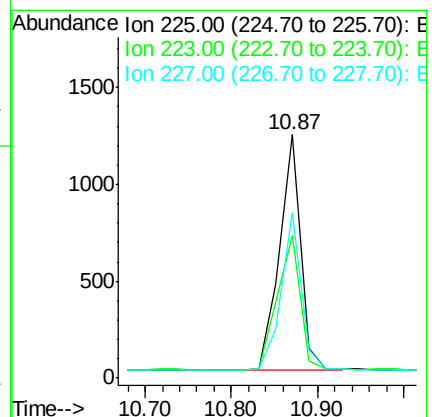
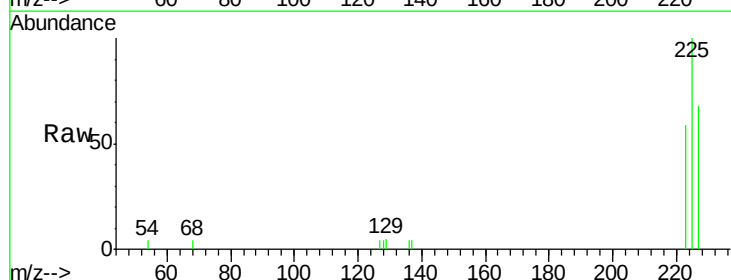
Tgt Ion:225 Resp: 2047

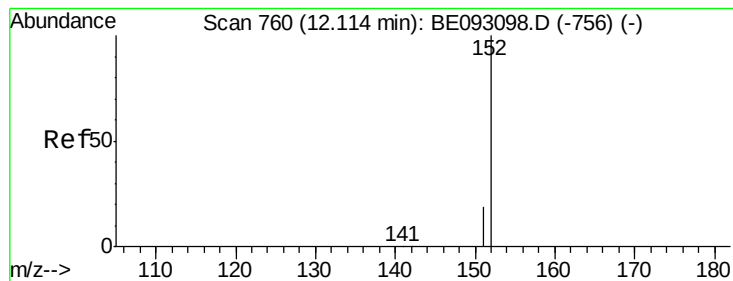
Ion Ratio Lower Upper

225 100

223 61.8 49.7 74.5

227 63.7 50.3 75.5





#11

2-Methylnaphthalene-d10

Concen: 2.215 ng

RT: 12.11 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

Instrument :

BNA_E

ClientSampleId :

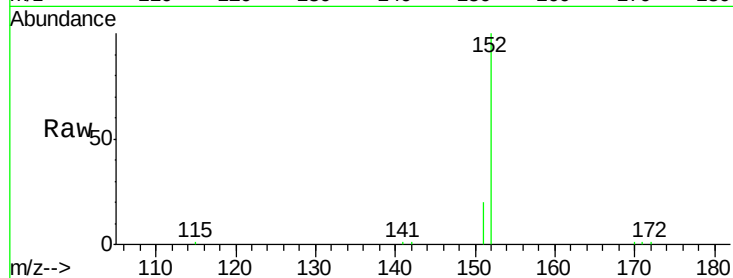
SSTDICC1.6

Tgt Ion:152 Resp: 11439

Ion Ratio Lower Upper

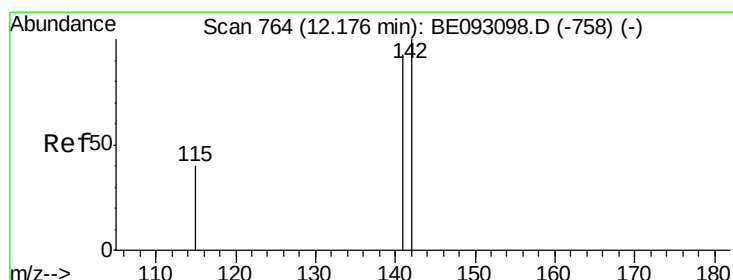
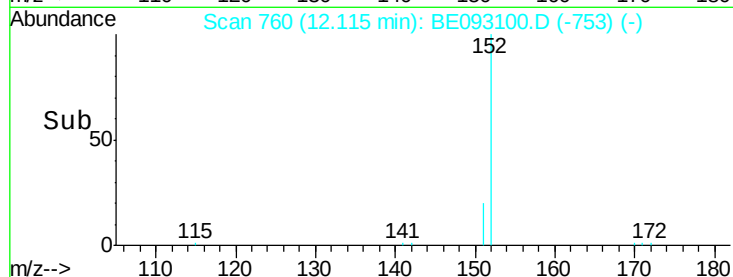
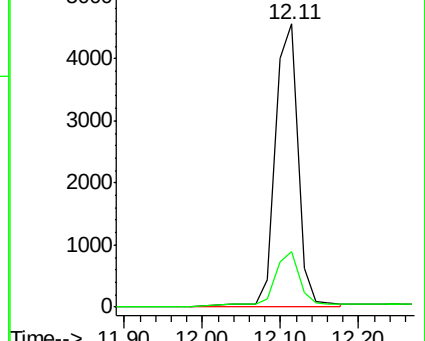
152 100

151 22.8 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: 1.704 ng

RT: 12.18 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

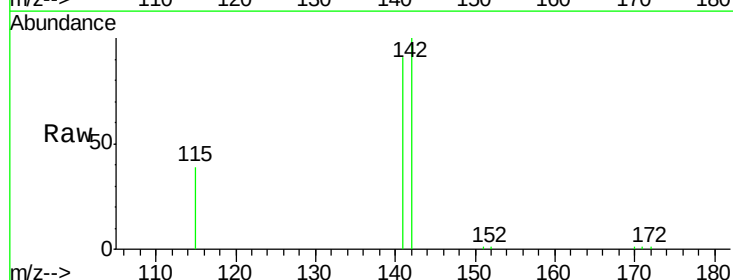
Tgt Ion:142 Resp: 9808

Ion Ratio Lower Upper

142 100

141 90.9 72.6 108.8

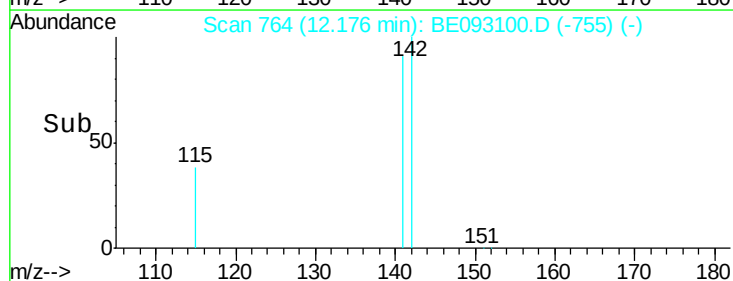
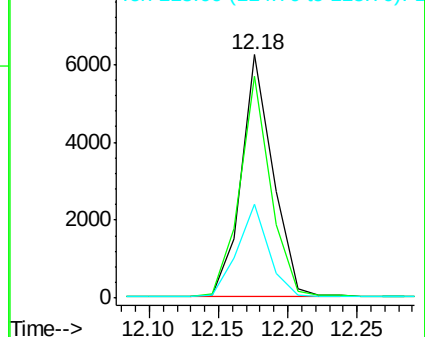
115 38.6 32.2 48.2

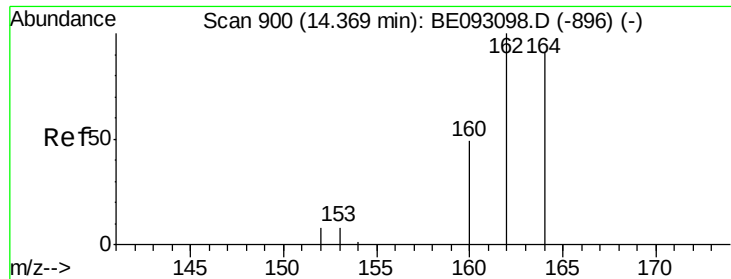


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

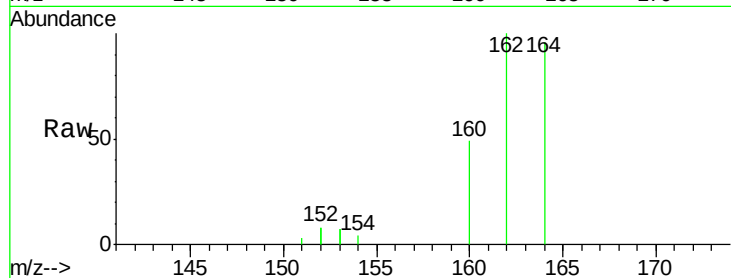
Tgt Ion:164 Resp: 1882

Ion Ratio Lower Upper

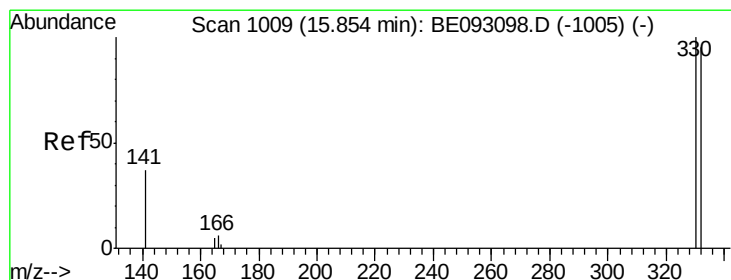
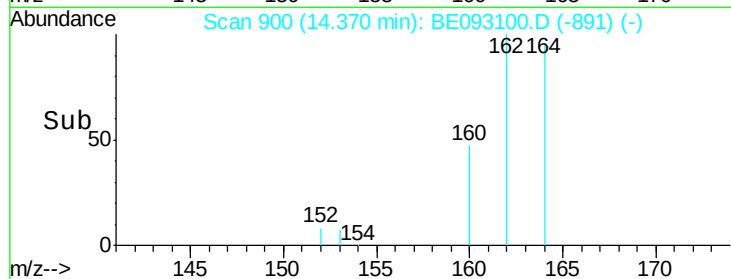
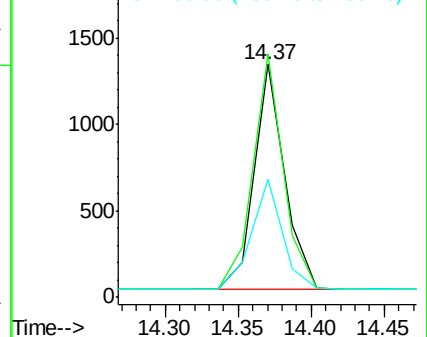
164 100

162 104.5 84.6 127.0

160 50.9 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: 1.464 ng

RT: 15.85 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

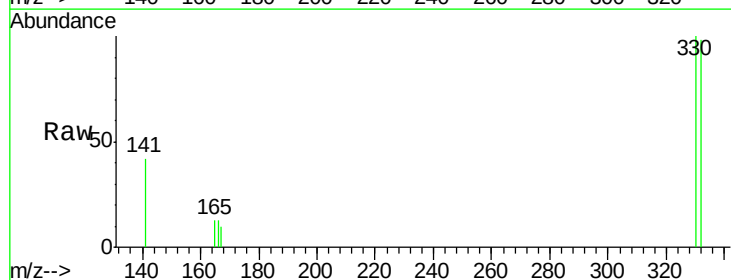
Tgt Ion:330 Resp: 816

Ion Ratio Lower Upper

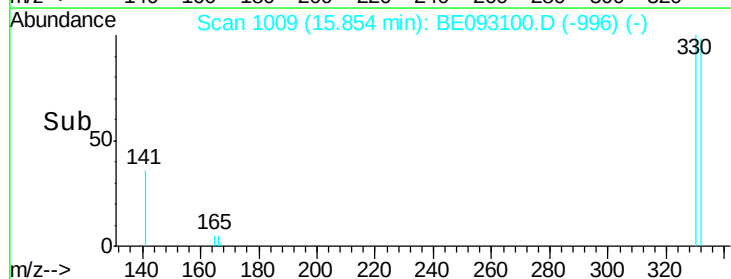
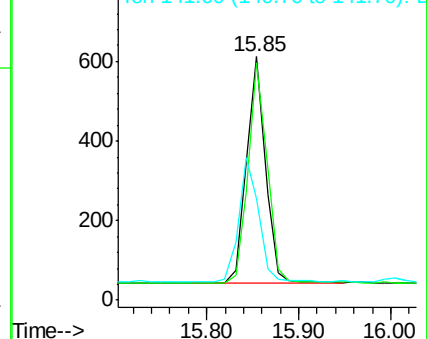
330 100

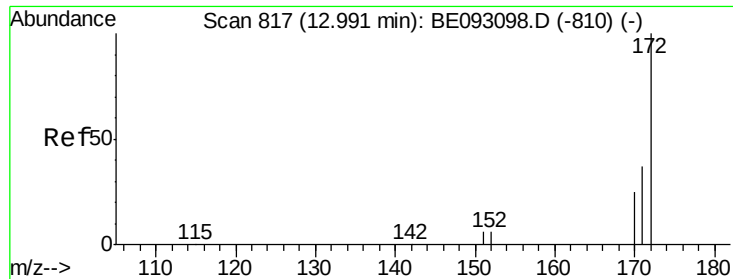
332 97.8 77.7 116.5

141 57.4 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

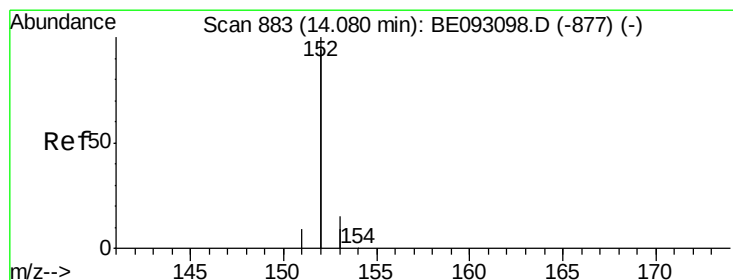
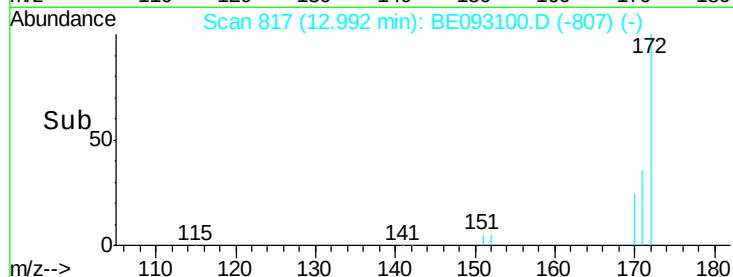
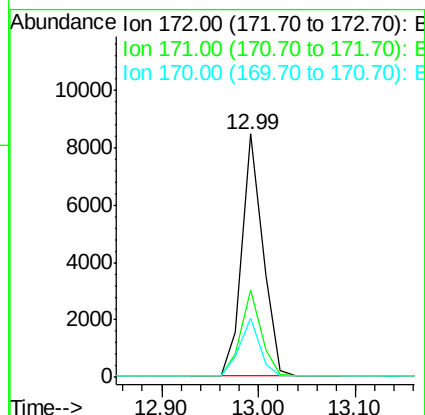
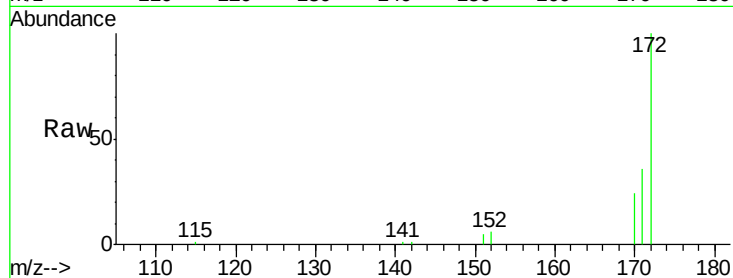




#15
2-Fluorobiphenyl
Concen: 1.635 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093100.D
Acq: 12 Jun 2017 12:13

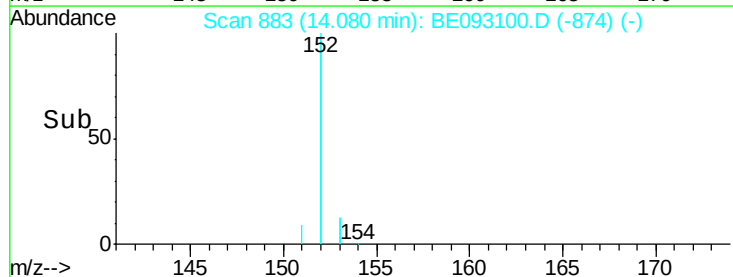
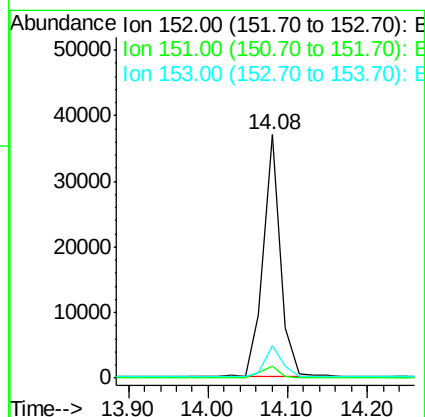
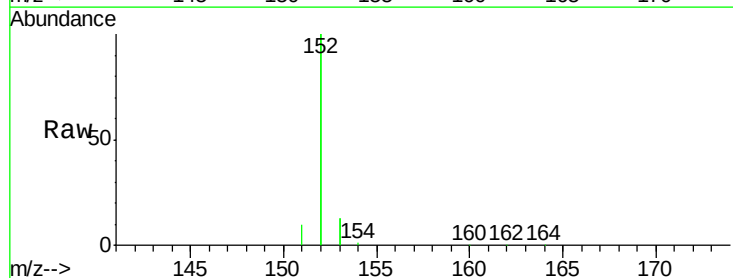
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

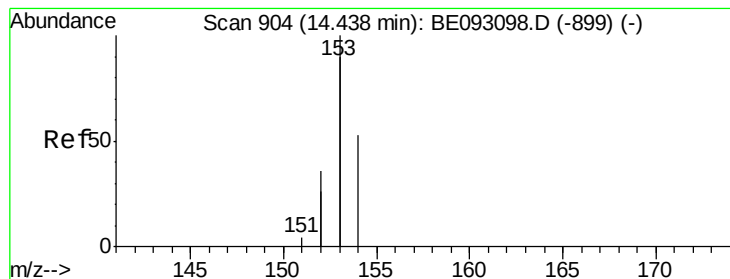
Tgt Ion:172 Resp: 12654
Ion Ratio Lower Upper
172 100
171 36.1 29.8 44.6
170 24.2 20.7 31.1



#16
Acenaphthylene
Concen: 1.720 ng
RT: 14.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE093100.D
Acq: 12 Jun 2017 12:13

Tgt Ion:152 Resp: 56760
Ion Ratio Lower Upper
152 100
151 4.9 4.0 6.0
153 13.1 10.3 15.5





#17

Acenaphthene

Concen: 1.720 ng

RT: 14.44 min Scan# 904

Delta R.T. 0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

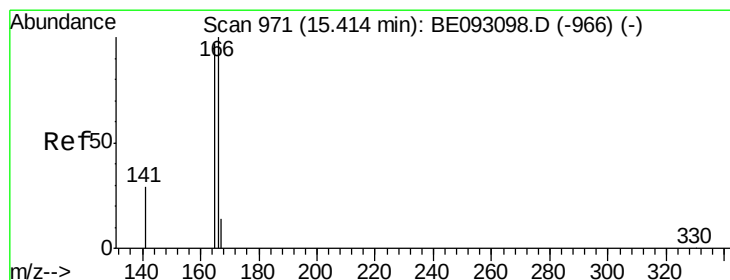
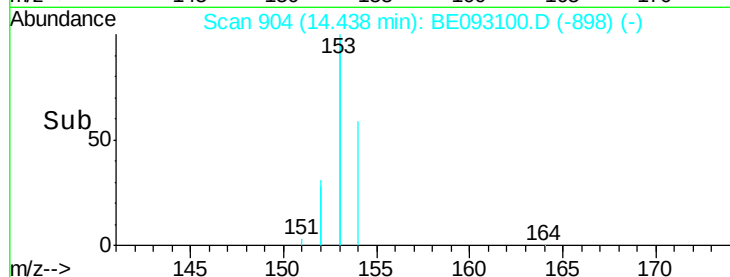
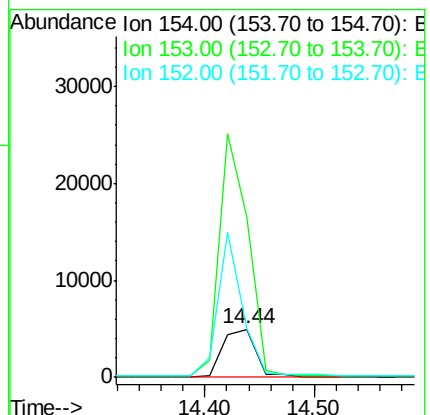
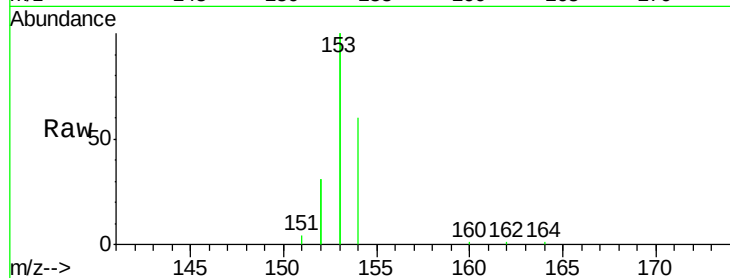
Tgt Ion:154 Resp: 10220

Ion Ratio Lower Upper

154 100

153 434.6 367.8 551.6

152 218.4 188.2 282.2



#18

Fluorene

Concen: 1.693 ng

RT: 15.41 min Scan# 971

Delta R.T. 0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

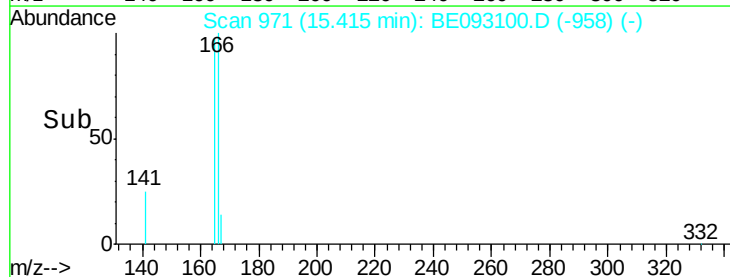
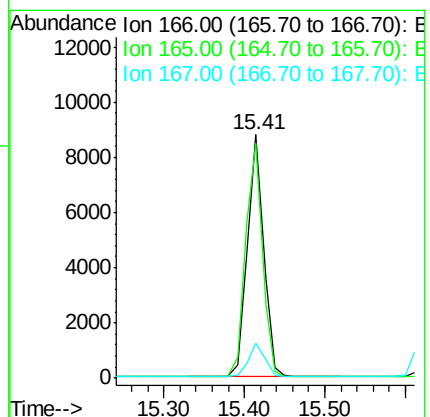
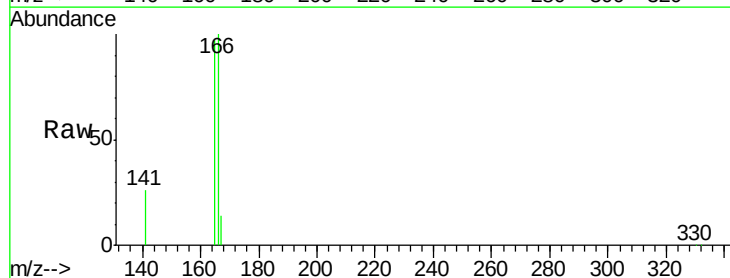
Tgt Ion:166 Resp: 12304

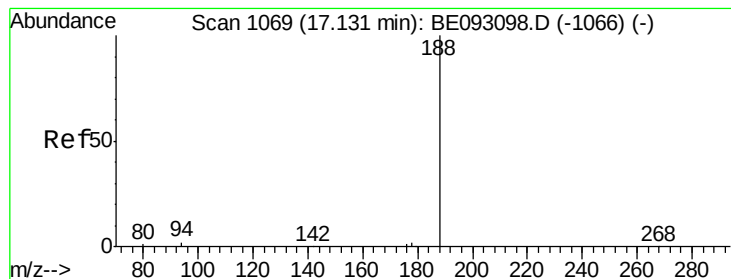
Ion Ratio Lower Upper

166 100

165 99.9 78.6 117.8

167 14.0 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: BE093100.D

Acq: 12 Jun 2017 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

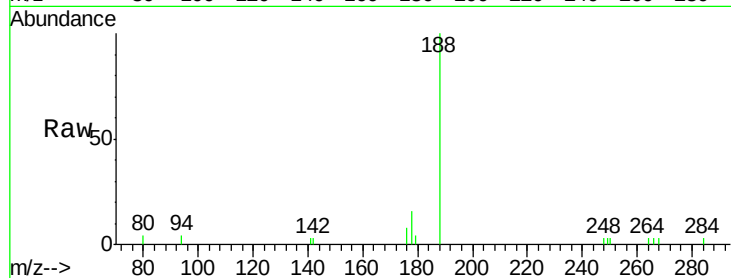
Tgt Ion:188 Resp: 3821

Ion Ratio Lower Upper

188 100

94 4.4 11.3 16.9#

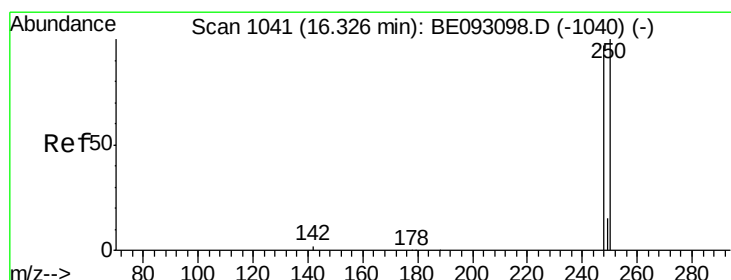
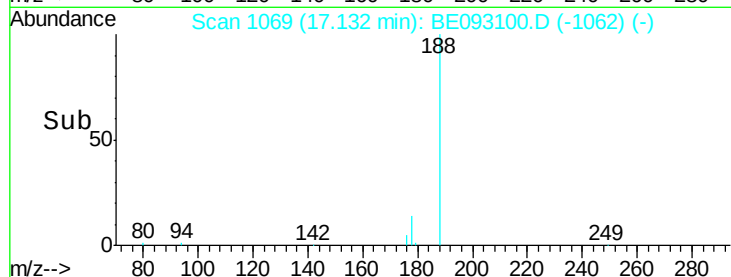
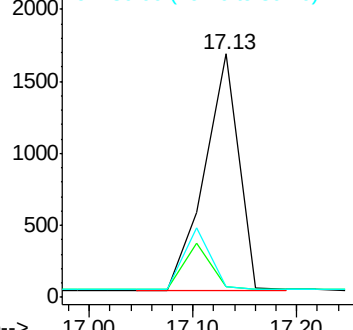
80 4.3 11.7 17.5#



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: 3.287 ng

RT: 16.33 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

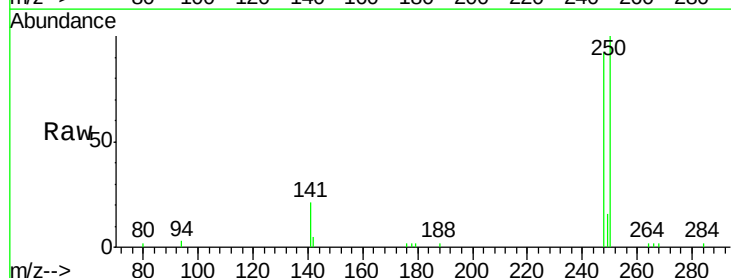
Tgt Ion:248 Resp: 3903

Ion Ratio Lower Upper

248 100

250 109.2 100.0 150.0

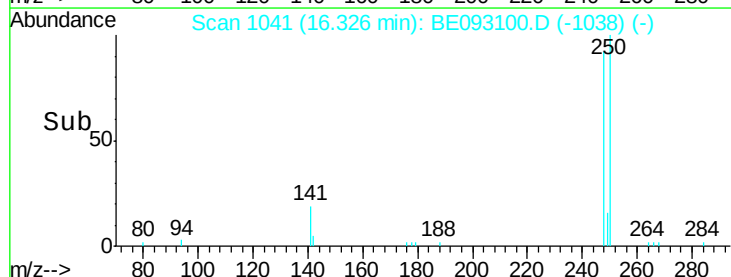
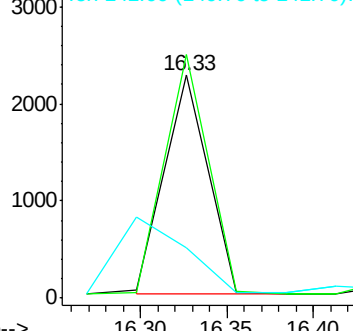
141 22.4 40.0 60.0#

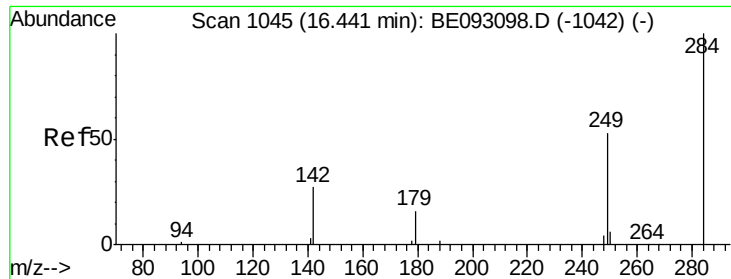


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

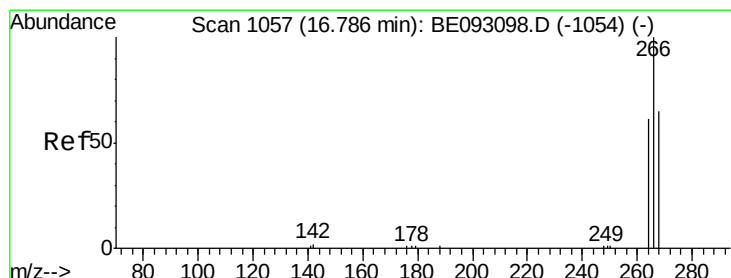
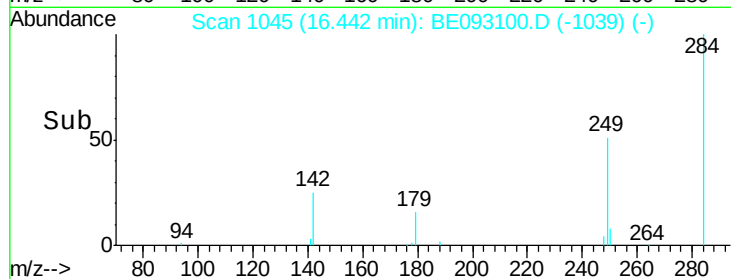
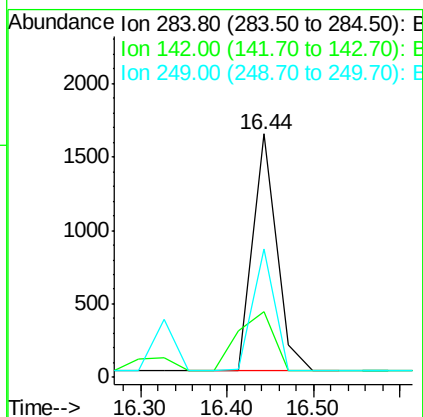
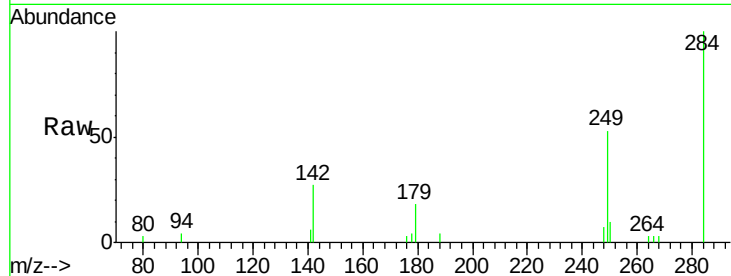




#21
Hexachlorobenzene
Concen: 1.984 ng
RT: 16.44 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BE093100.D
Acq: 12 Jun 2017 12:13

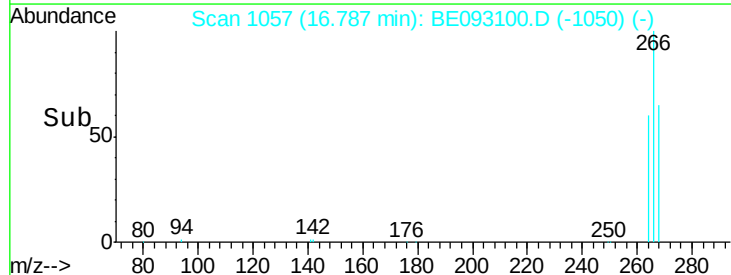
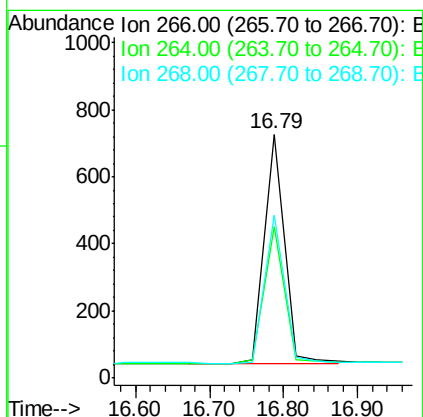
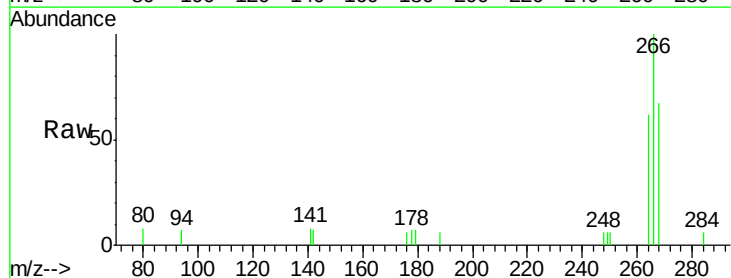
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

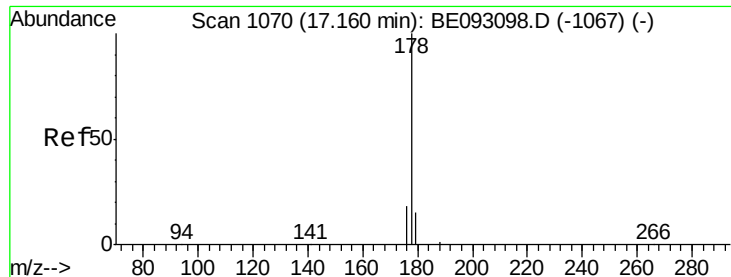
Tgt Ion: 284 Resp: 3092
Ion Ratio Lower Upper
284 100
142 37.7 0.0 0.0#
249 47.0 0.0 0.0#



#22
Pentachlorophenol
Concen: 2.637 ng
RT: 16.79 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE093100.D
Acq: 12 Jun 2017 12:13

Tgt Ion: 266 Resp: 1260
Ion Ratio Lower Upper
266 100
264 62.3 58.2 87.2
268 67.1 71.9 107.9#





#23

Phenanthrene

Concen: 3.365 ng

RT: 17.16 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

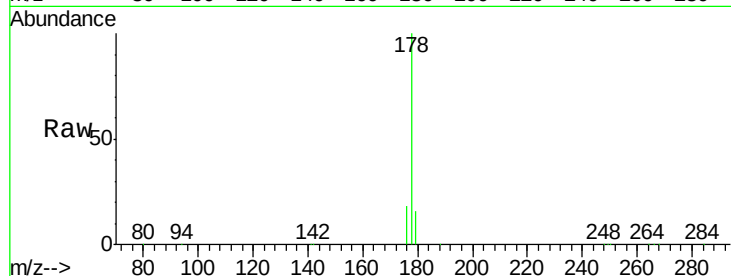
Tgt Ion:178 Resp: 27854

Ion Ratio Lower Upper

178 100

176 17.9 15.0 22.4

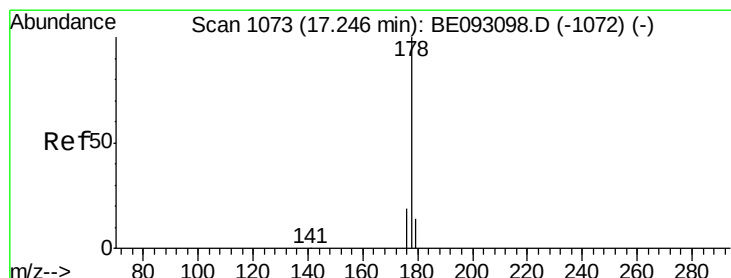
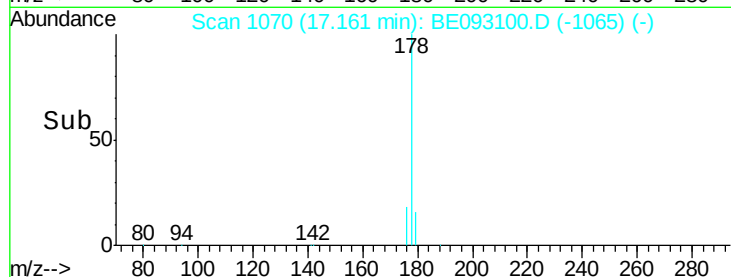
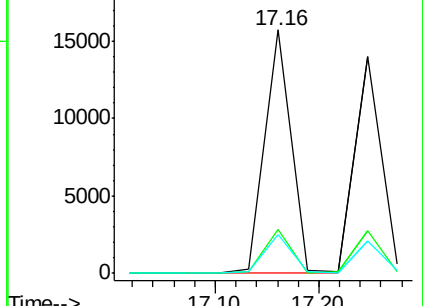
179 15.8 12.7 19.1



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: 3.221 ng

RT: 17.25 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

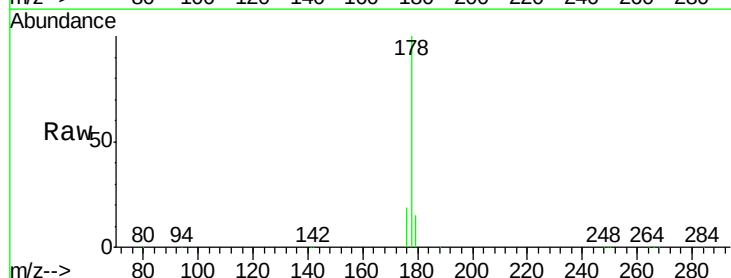
Tgt Ion:178 Resp: 25094

Ion Ratio Lower Upper

178 100

176 19.0 14.6 22.0

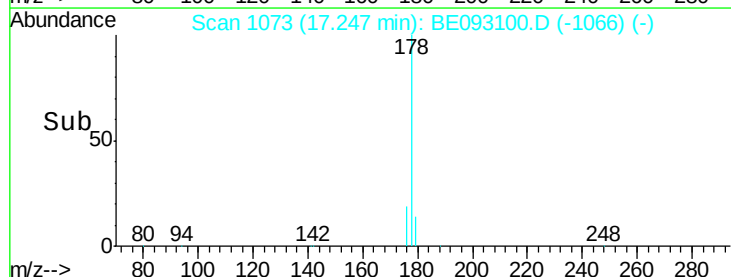
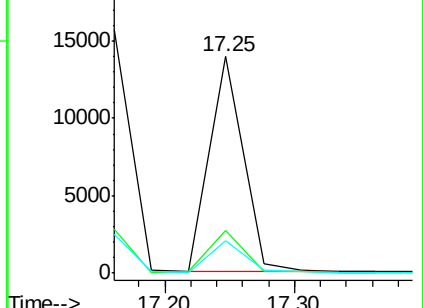
179 14.6 12.0 18.0

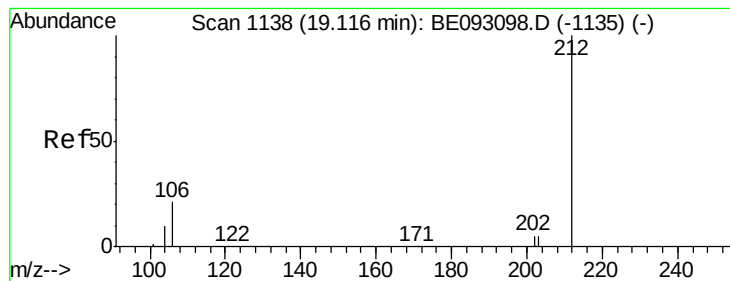


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.936 ng

RT: 19.11 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

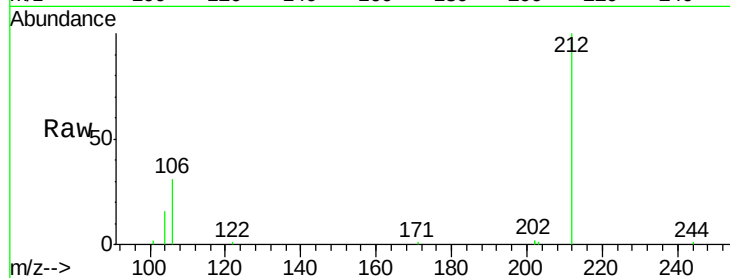
Tgt Ion:212 Resp: 19430

Ion Ratio Lower Upper

212 100

106 19.7 0.0 0.0#

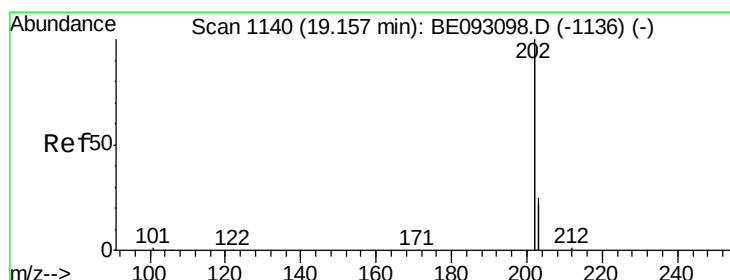
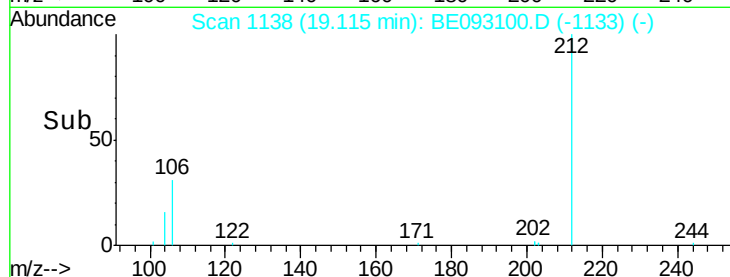
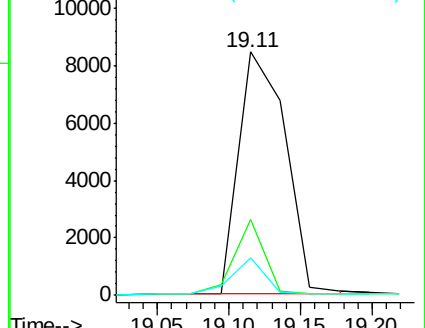
104 10.4 0.0 0.0#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 2.211 ng

RT: 19.16 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

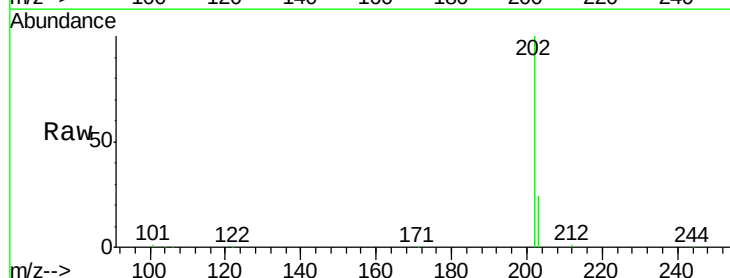
Tgt Ion:202 Resp: 103928

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

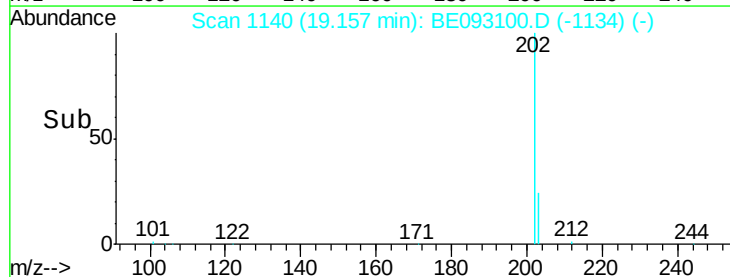
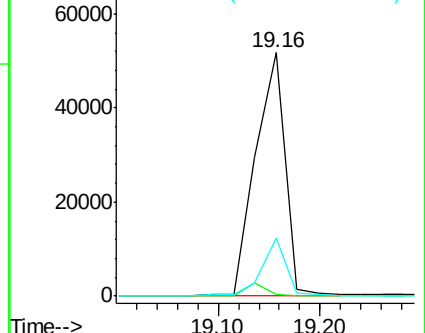
203 18.7 14.4 21.6

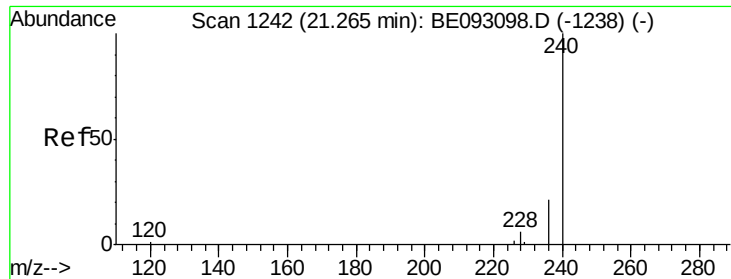


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

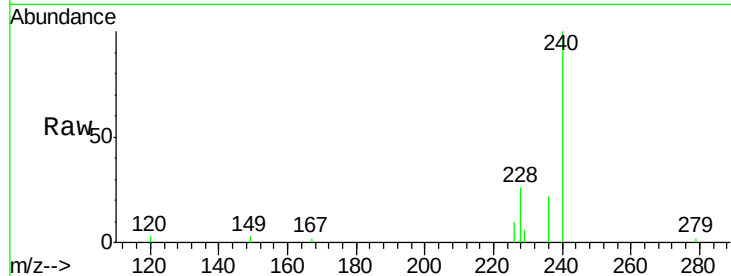




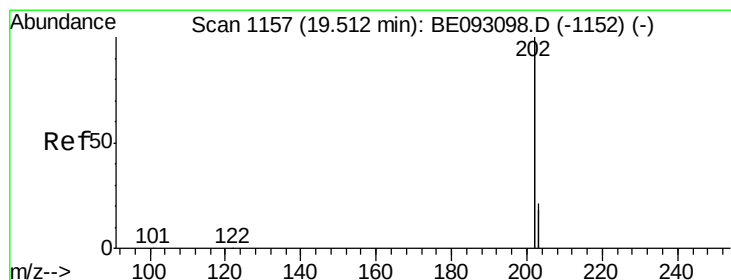
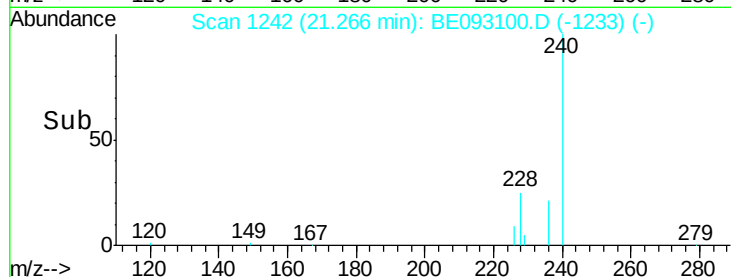
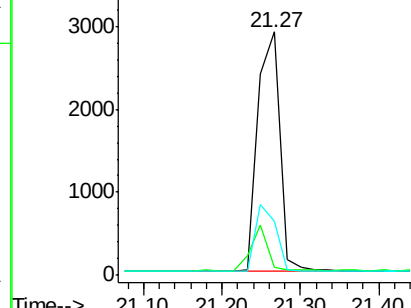
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BE093100.D
Acq: 12 Jun 2017 12:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 240 Resp: 5754
Ion Ratio Lower Upper
240 100
120 3.3 4.6 7.0#
236 22.1 20.8 31.2

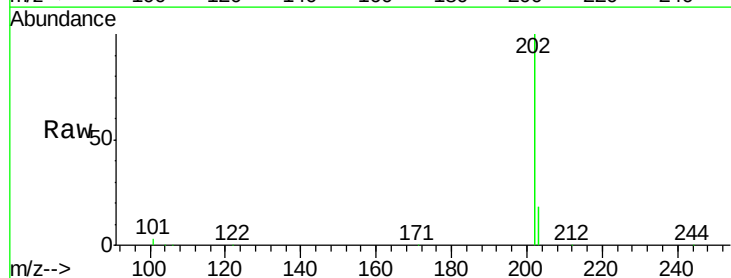


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

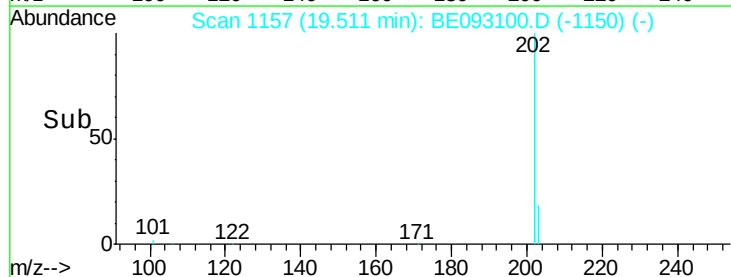
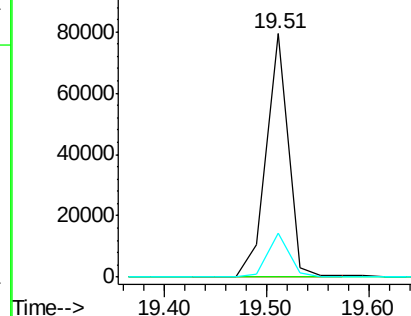


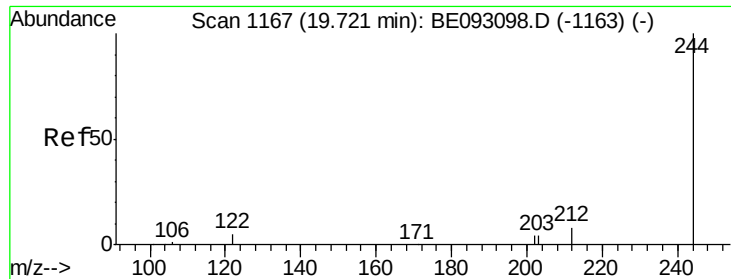
#28
Pyrene
Concen: 1.689 ng
RT: 19.51 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BE093100.D
Acq: 12 Jun 2017 12:13

Tgt Ion: 202 Resp: 117056
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 17.5 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: 1.716 ng

RT: 19.72 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

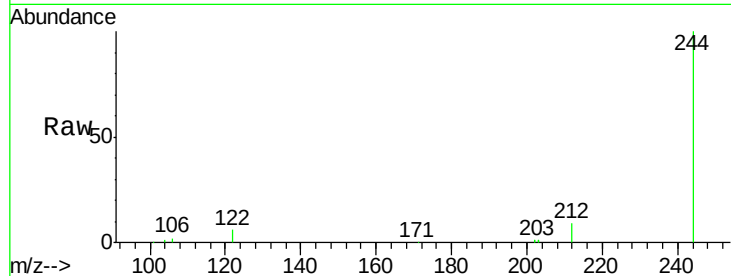
Tgt Ion:244 Resp: 18438

Ion Ratio Lower Upper

244 100

212 9.0 10.6 16.0#

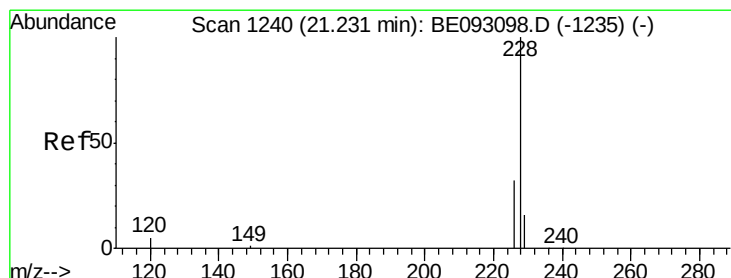
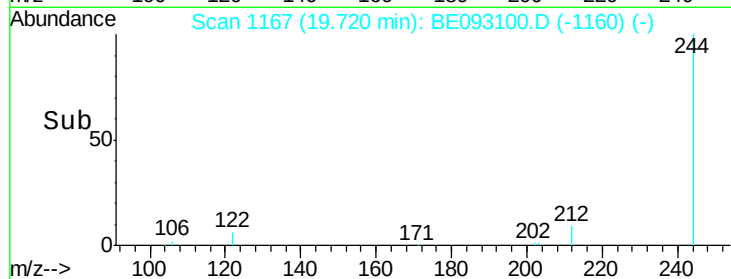
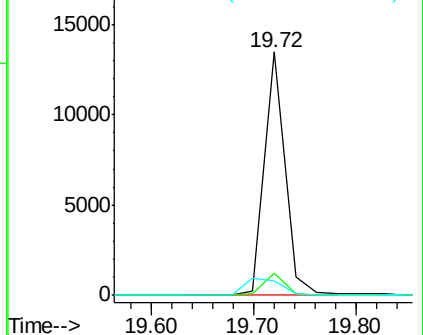
122 6.2 15.4 23.0#



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: 1.633 ng

RT: 21.23 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

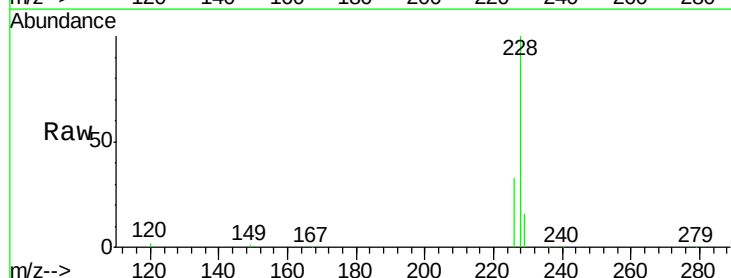
Tgt Ion:228 Resp: 25556

Ion Ratio Lower Upper

228 100

226 32.8 19.7 29.5#

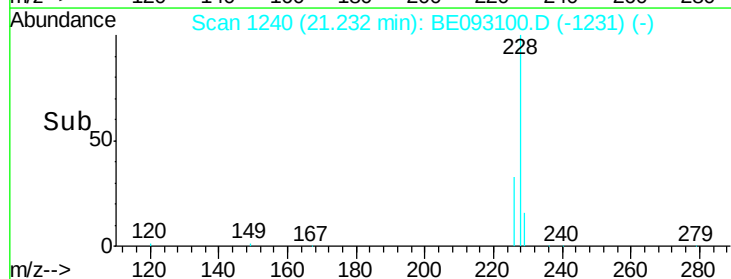
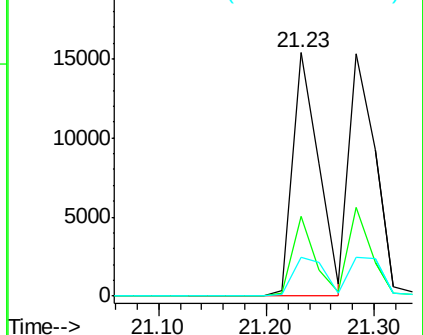
229 16.0 19.2 28.8#

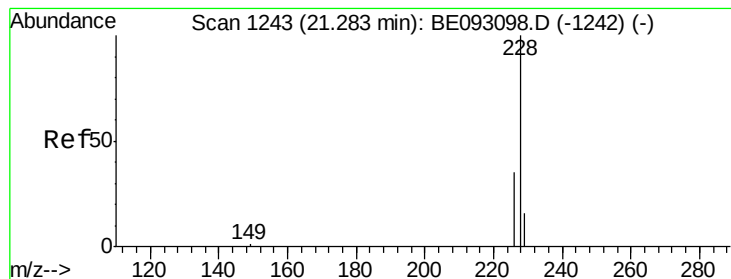


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.571 ng

RT: 21.28 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

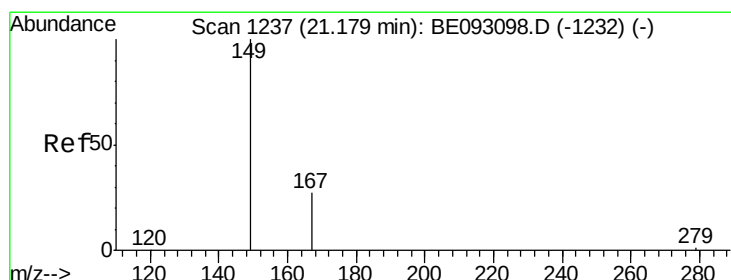
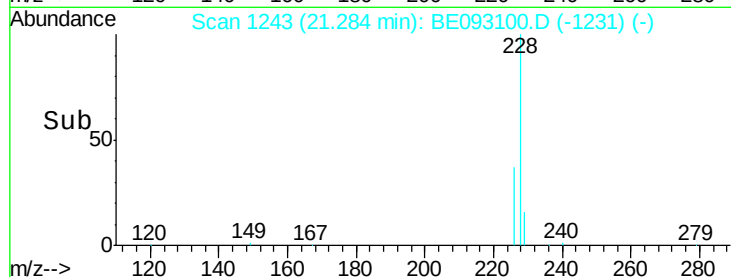
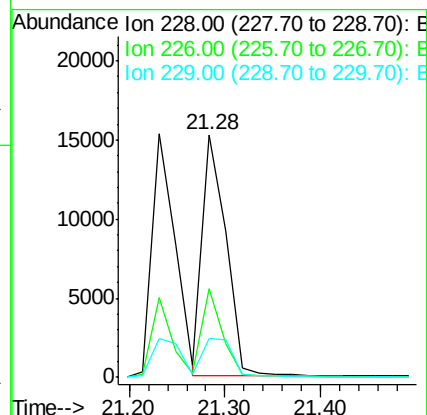
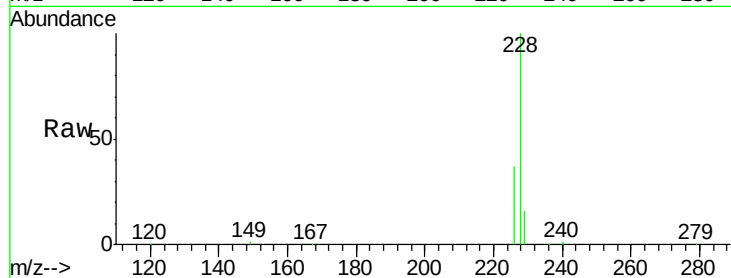
Tgt Ion:228 Resp: 26285

Ion Ratio Lower Upper

228 100

226 36.8 21.5 32.3#

229 15.8 18.6 28.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.310 ng

RT: 21.18 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

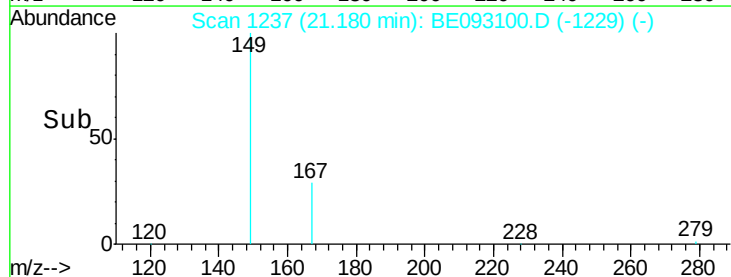
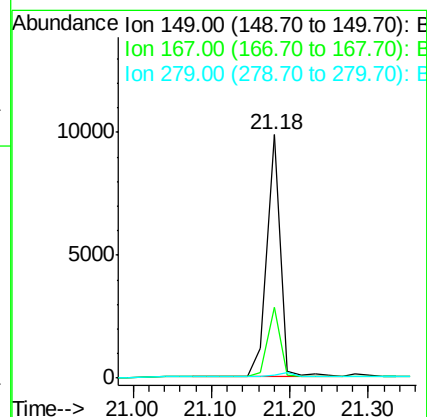
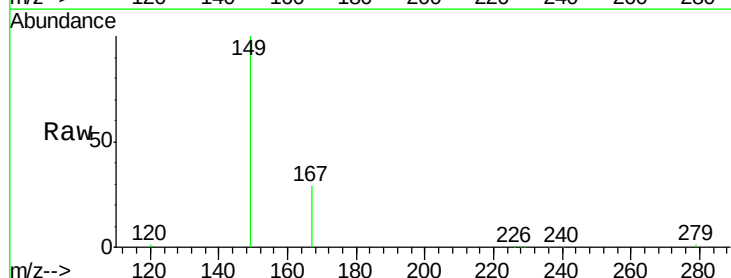
Tgt Ion:149 Resp: 11810

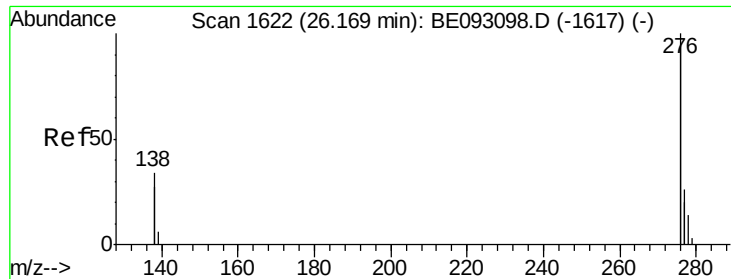
Ion Ratio Lower Upper

149 100

167 27.4 20.1 30.1

279 2.1 2.2 3.4#





#33

Indeno(1,2,3-cd)pyrene

Concen: 1.648 ng

RT: 26.17 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

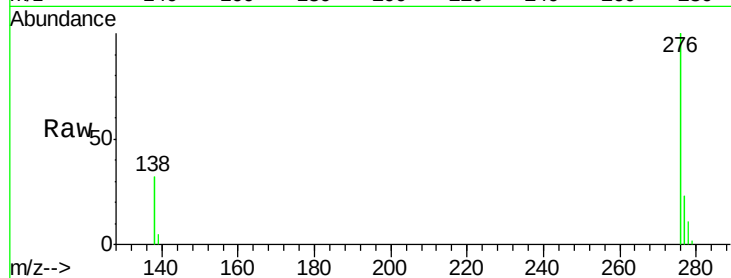
Tgt Ion:276 Resp: 100906

Ion Ratio Lower Upper

276 100

138 32.7 27.4 41.2

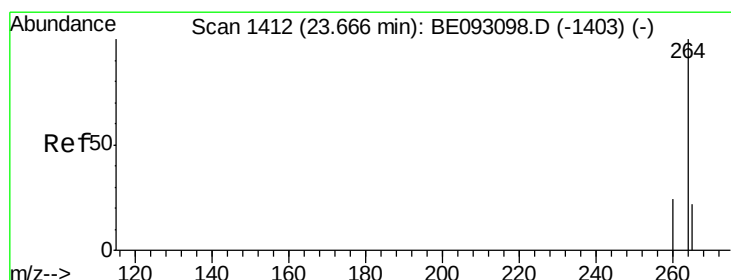
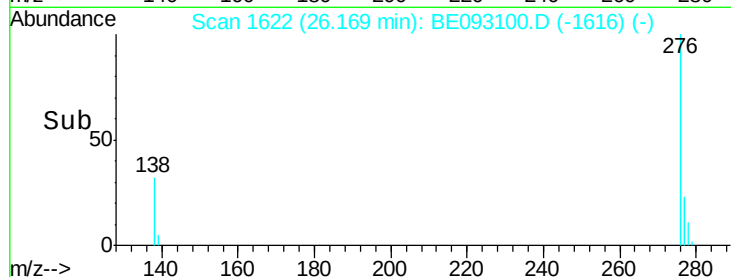
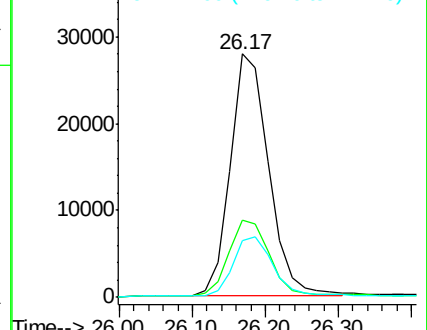
277 25.1 20.1 30.1



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: BE093100.D

Acq: 12 Jun 2017 12:13

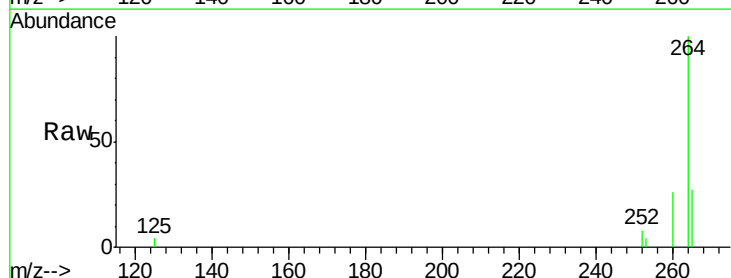
Tgt Ion:264 Resp: 4635

Ion Ratio Lower Upper

264 100

260 26.1 21.0 31.4

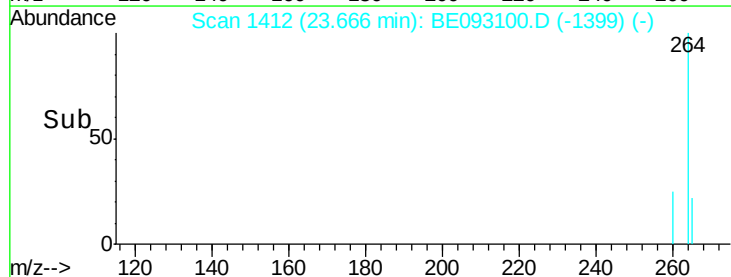
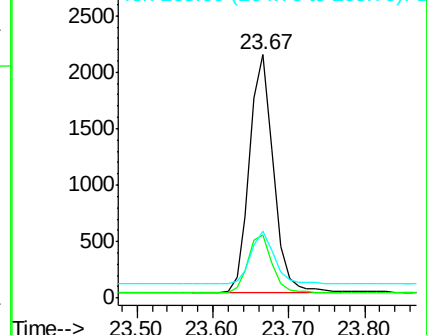
265 27.4 24.6 36.8

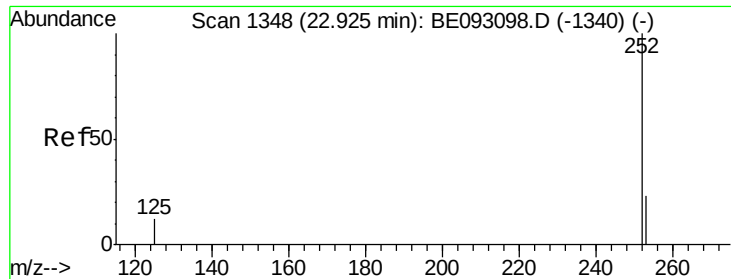


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 1.708 ng

RT: 22.93 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

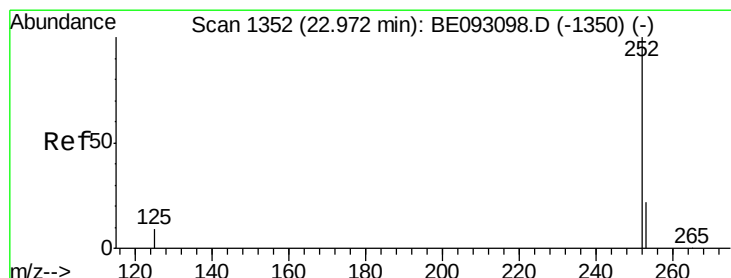
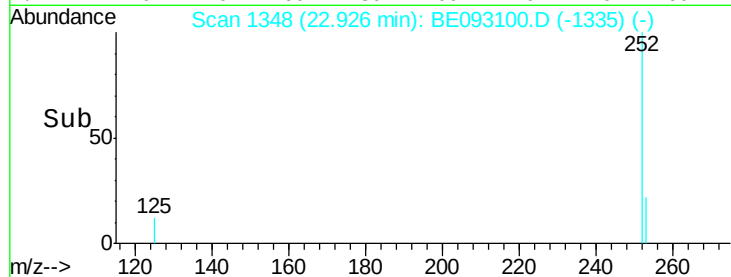
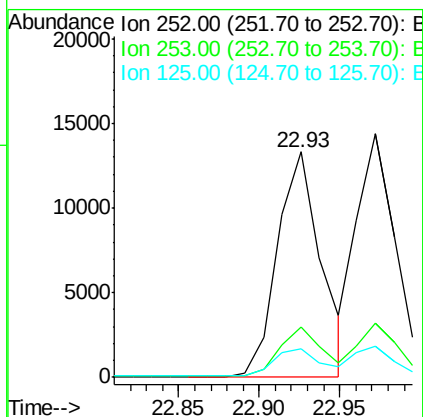
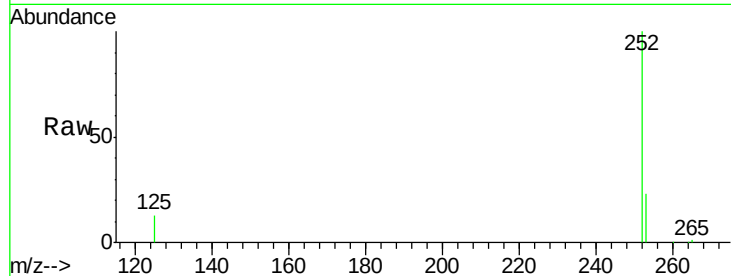
Tgt Ion:252 Resp: 25011

Ion Ratio Lower Upper

252 100

253 22.5 18.5 27.7

125 12.6 13.4 20.0#



#36

Benzo(k)fluoranthene

Concen: 1.651 ng

RT: 22.97 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

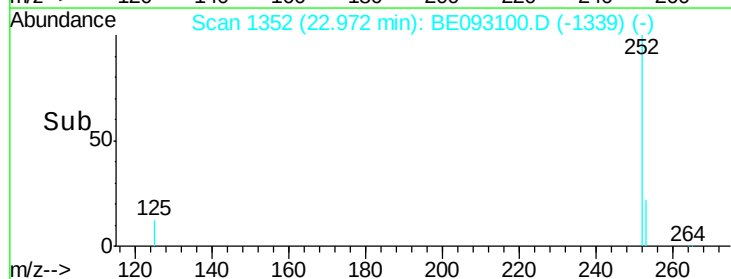
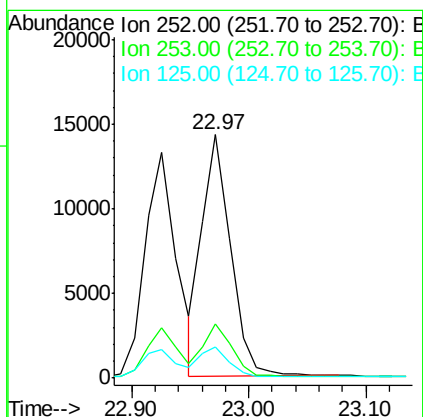
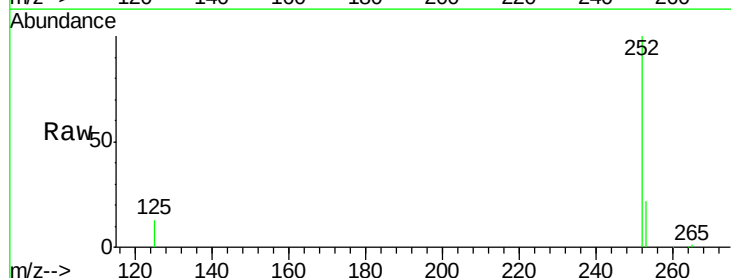
Tgt Ion:252 Resp: 24261

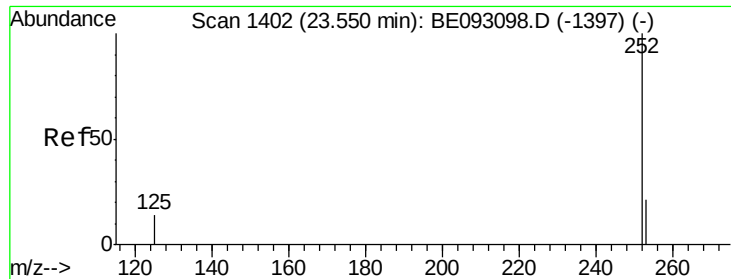
Ion Ratio Lower Upper

252 100

253 22.0 20.3 30.5

125 12.8 12.2 18.4





#37

Benzo(a)pyrene

Concen: 1.639 ng

RT: 23.55 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

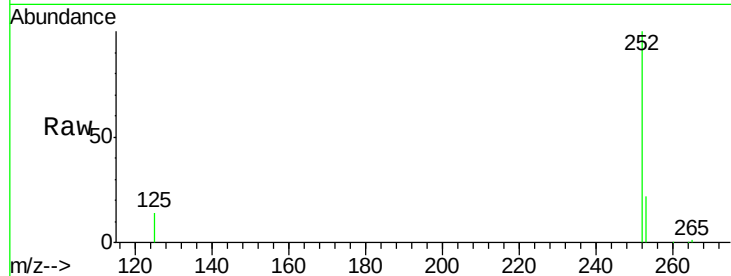
Tgt Ion: 252 Resp: 21978

Ion Ratio Lower Upper

252 100

253 21.7 19.9 29.9

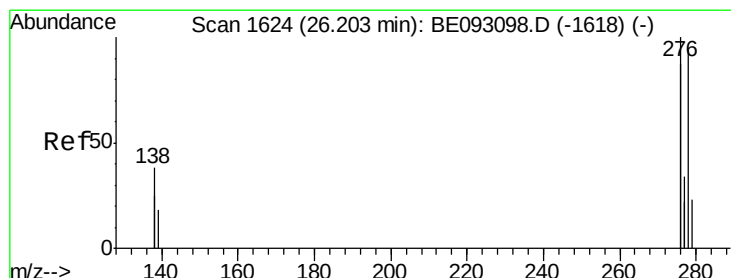
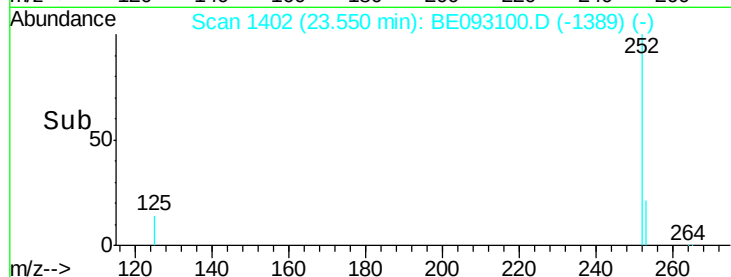
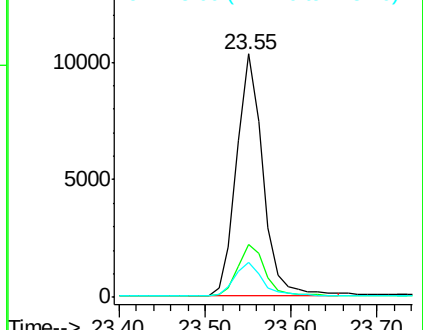
125 14.5 14.6 21.8#



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: 1.826 ng

RT: 26.20 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE093100.D

Acq: 12 Jun 2017 12:13

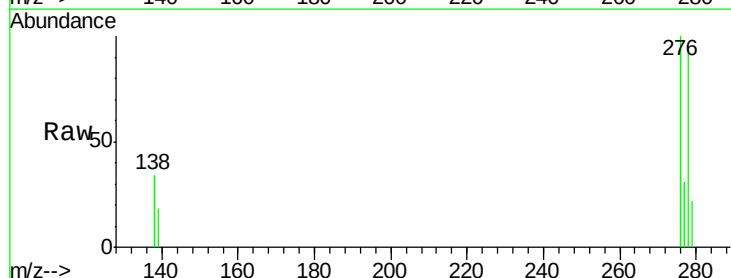
Tgt Ion: 278 Resp: 22758

Ion Ratio Lower Upper

278 100

139 19.5 21.4 32.0#

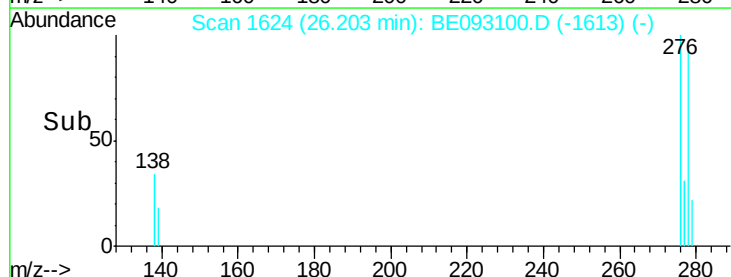
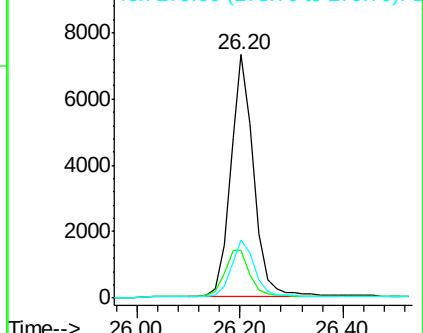
279 24.0 22.2 33.2

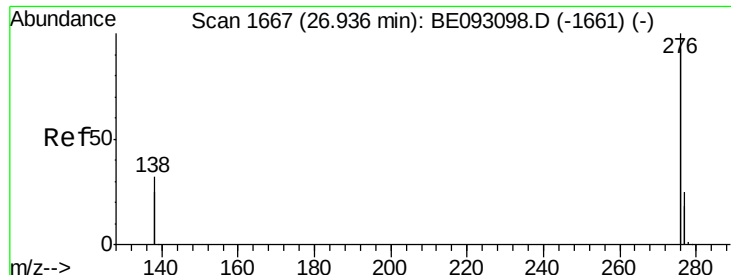


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.661 ng

RT: 26.95 min Scan# 1668

Delta R.T. 0.02 min

Lab File: BE093100.D

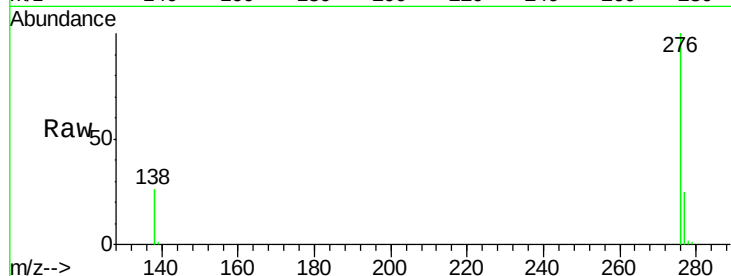
Acq: 12 Jun 2017 12:13

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6



Tgt Ion: 276 Resp: 90221

Ion Ratio Lower Upper

276 100

277 24.7 21.2 31.8

138 26.0 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

