

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
 Data File : BE093098.D
 Acq On : 12 Jun 2017 11:01
 Operator : SJ/MA
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Jun 12 12:07:28 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	726	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3393	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	1662	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3642	0.40	ng	0.00
27) Chrysene-d12	21.27	240	5519	0.40	ng	0.00
34) Perylene-d12	23.67	264	4781	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	732	0.33	ng	0.00
5) Phenol-d6	6.90	99	1099	0.37	ng	0.00
8) Nitrobenzene-d5	8.88	82	937	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1753	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	126	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	2560	0.37	ng	0.00
25) Fluoranthene-d10	19.12	212	4055	0.42	ng	0.00
29) Terphenyl-d14	19.72	244	3869	0.38	ng	0.00

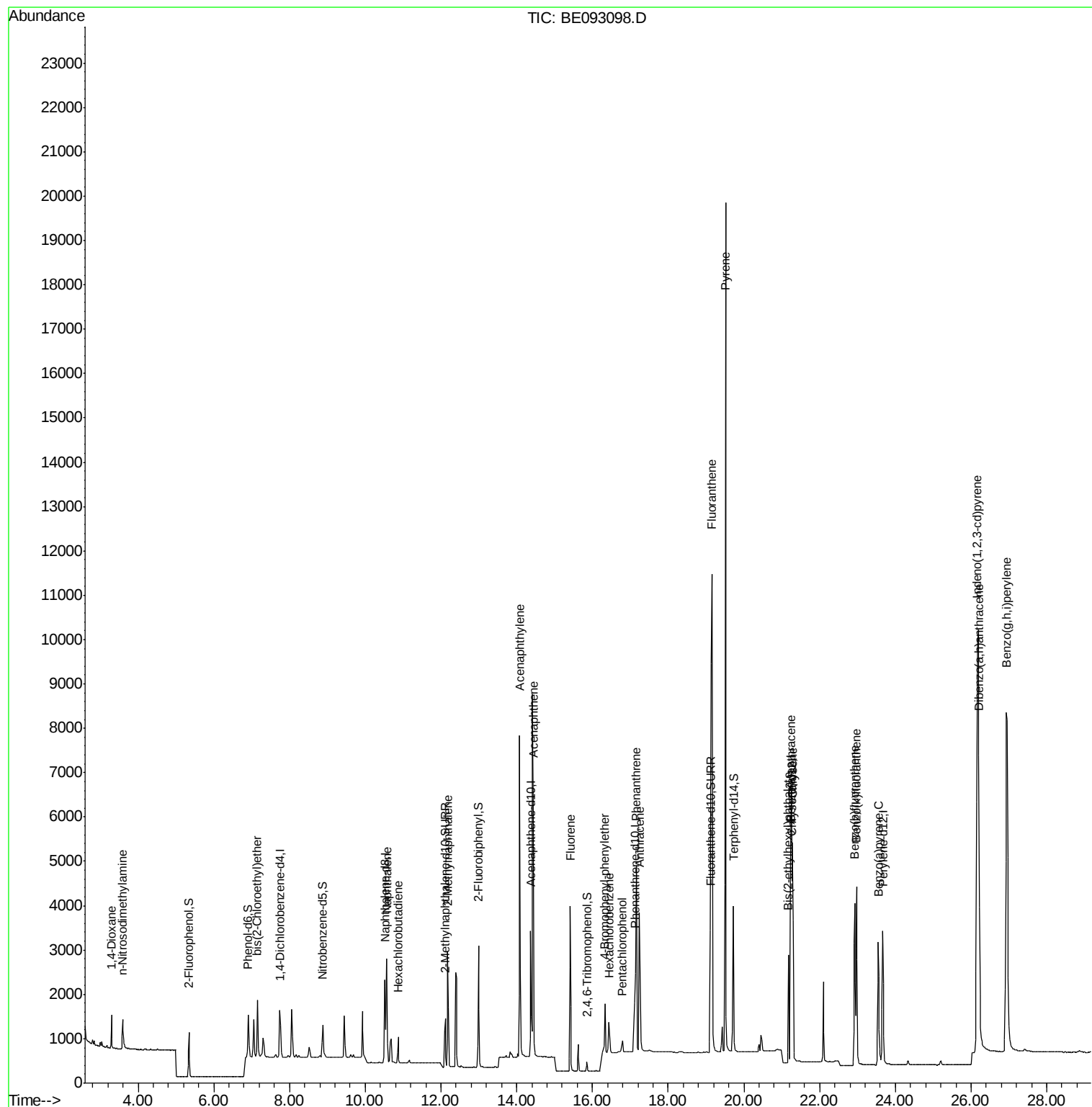
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	540	0.367	ng	96
3) n-Nitrosodimethylamine	3.59	42	500	0.380	ng	96
6) bis(2-Chloroethyl)ether	7.15	93	973	0.398	ng	# 100
9) Naphthalene	10.56	128	3218	0.360	ng	98
10) Hexachlorobutadiene	10.87	225	425	0.362	ng	97
12) 2-Methylnaphthalene	12.18	142	1976	0.357	ng	97
16) Acenaphthylene	14.08	152	9687	0.332	ng	99
17) Acenaphthene	14.44	154	1882	0.359	ng	98
18) Fluorene	15.41	166	2266	0.353	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	770	0.680	ng	# 79
21) Hexachlorobenzene	16.44	284	603	0.406	ng	# 100
22) Pentachlorophenol	16.79	266	200	0.439	ng	91
23) Phenanthrene	17.16	178	5591	0.709	ng	99
24) Anthracene	17.25	178	4340	0.584	ng	99
26) Fluoranthene	19.16	202	19550	0.436	ng	# 100
28) Pyrene	19.51	202	24522	0.369	ng	# 97
30) Benzo(a)anthracene	21.23	228	5314	0.354	ng	# 85
31) Chrysene	21.28	228	5699	0.355	ng	# 85
32) Bis(2-ethylhexyl)phthalate	21.18	149	2301	0.266	ng	99
33) Indeno(1,2,3-cd)pyrene	26.17	276	20870	0.355	ng	99
35) Benzo(b)fluoranthene	22.93	252	5250	0.348	ng	96
36) Benzo(k)fluoranthene	22.97	252	5119	0.338	ng	97
37) Benzo(a)pyrene	23.55	252	4538	0.328	ng	97
38) Dibenzo(a,h)anthracene	26.20	278	4721	0.367	ng	94
39) Benzo(g,h,i)perylene	26.94	276	19053	0.340	ng	97

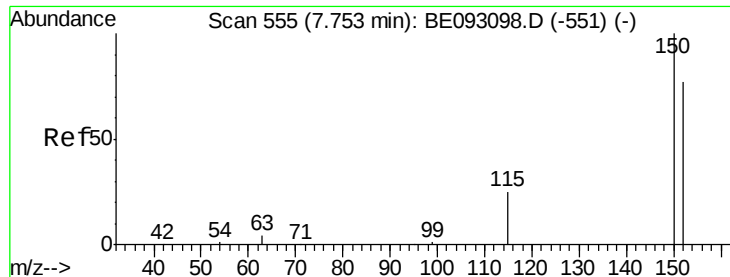
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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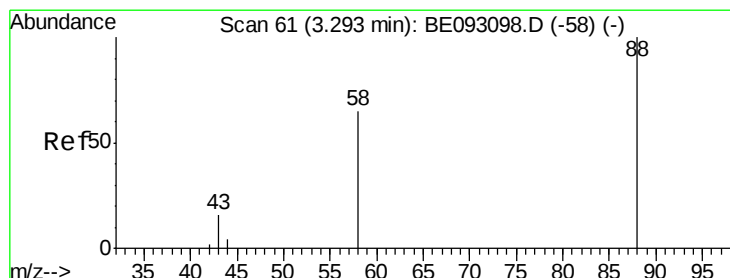
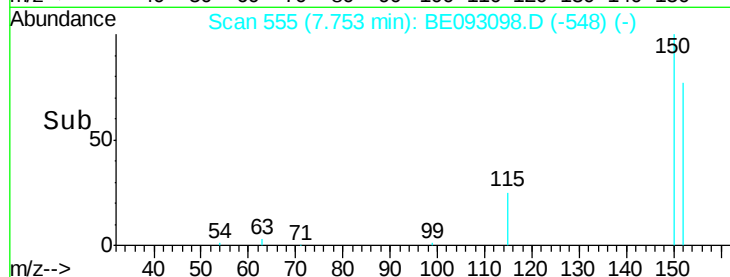
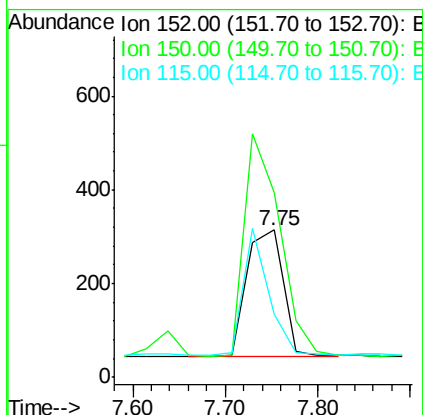
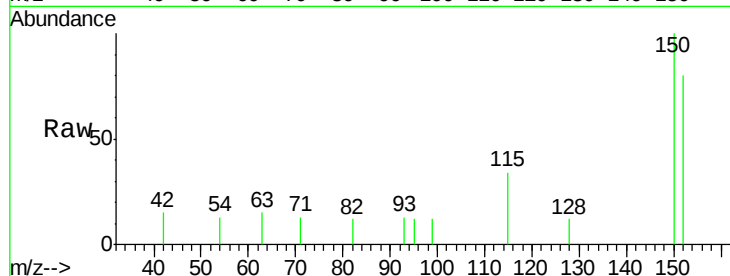


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE093098.D
Acq: 12 Jun 2017 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

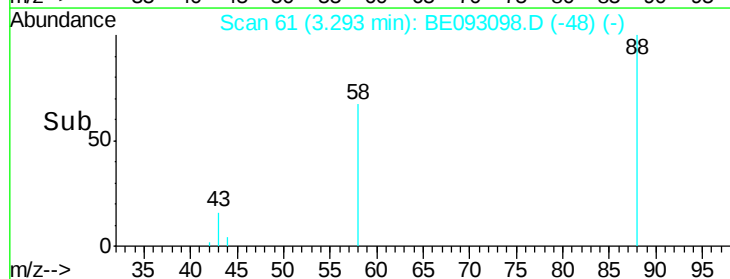
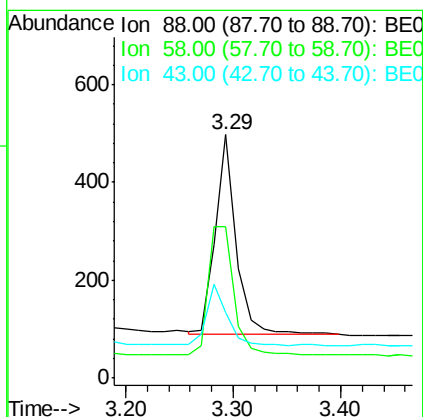
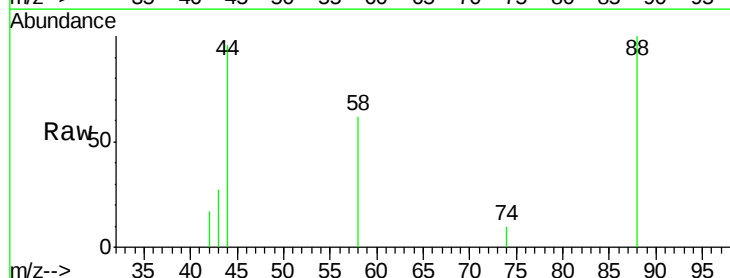
Tgt Ion: 152 Resp: 726
Ion Ratio Lower Upper
152 100
150 125.5 125.1 187.7
115 43.0 55.7 83.5#

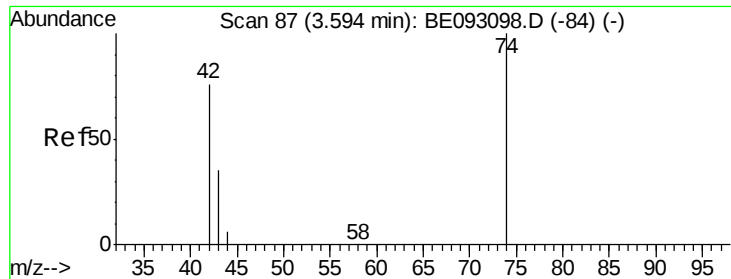


#2

1,4-Dioxane
Concen: 0.367 ng
RT: 3.29 min Scan# 61
Delta R.T. 0.00 min
Lab File: BE093098.D
Acq: 12 Jun 2017 11:01

Tgt Ion: 88 Resp: 540
Ion Ratio Lower Upper
88 100
58 81.5 62.2 93.4
43 31.3 23.2 34.8



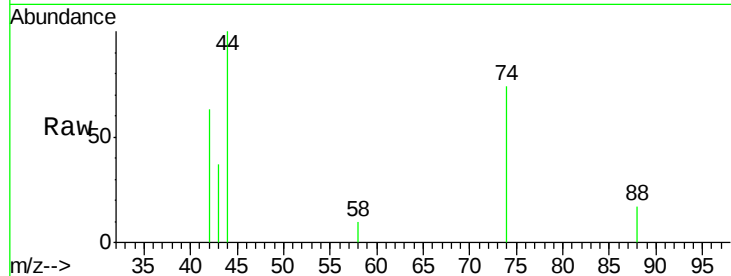


#3

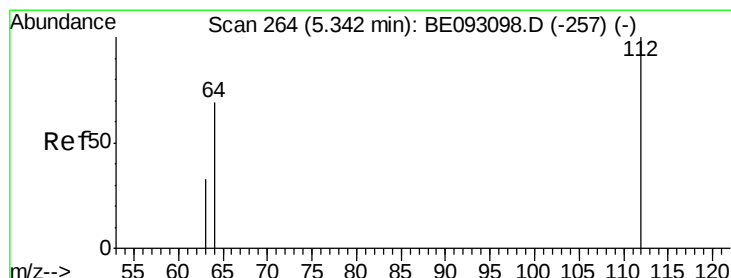
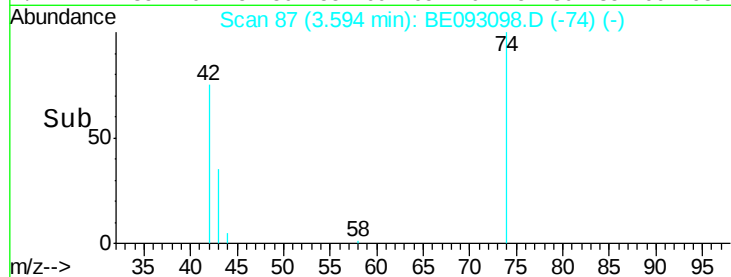
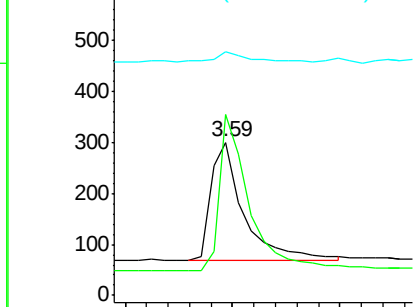
n-Nitrosodimethylamine
 Concen: 0.380 ng
 RT: 3.59 min Scan# 87
 Delta R.T. 0.00 min
 Lab File: BE093098.D
 Acq: 12 Jun 2017 11:01

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tgt Ion: 42 Resp: 500
 Ion Ratio Lower Upper
 42 100
 74 118.8 99.1 148.7
 44 8.4 7.4 11.2



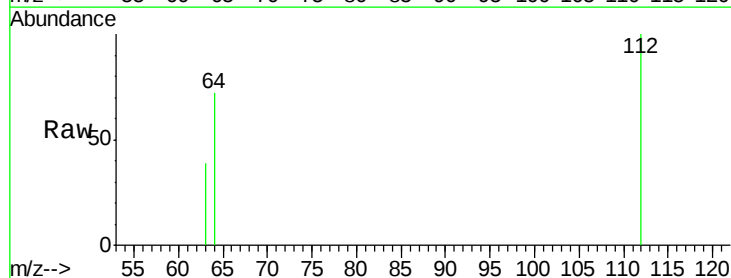
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



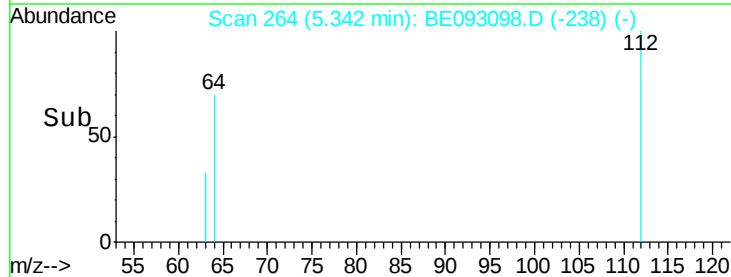
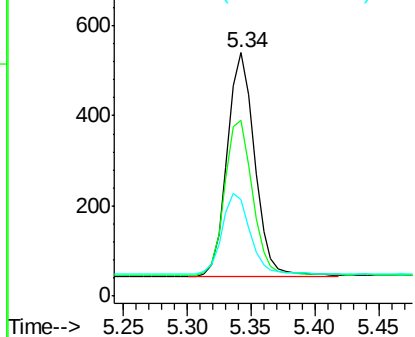
#4

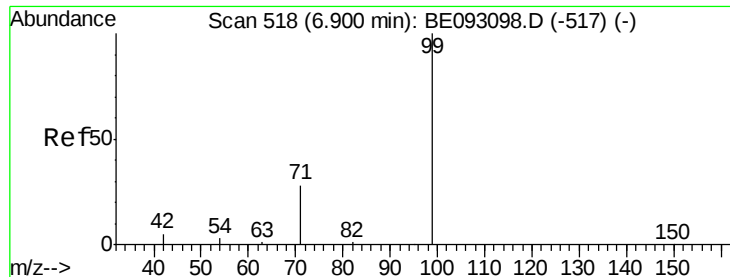
2-Fluorophenol
 Concen: 0.329 ng
 RT: 5.34 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: BE093098.D
 Acq: 12 Jun 2017 11:01

Tgt Ion: 112 Resp: 732
 Ion Ratio Lower Upper
 112 100
 64 71.3 56.4 84.6
 63 36.9 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: 0.366 ng

RT: 6.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE093098.D

Acq: 12 Jun 2017 11:01

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

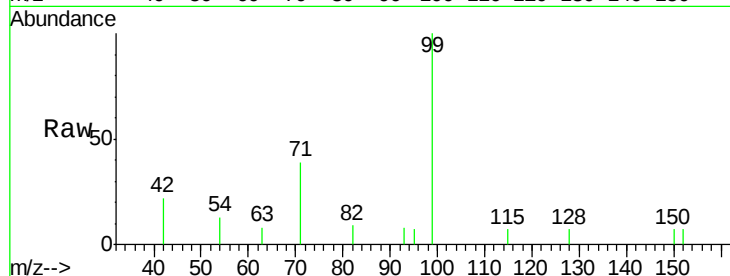
Tgt Ion: 99 Resp: 1099

Ion Ratio Lower Upper

99 100

42 20.7 0.0 0.0#

71 34.3 0.0 0.0#

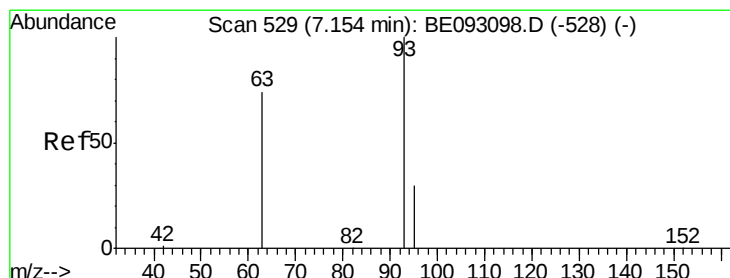
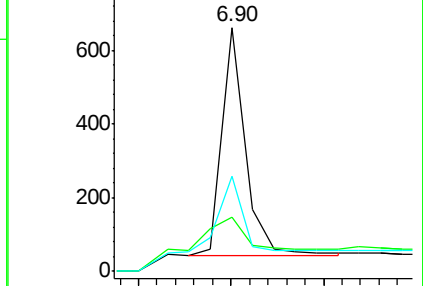
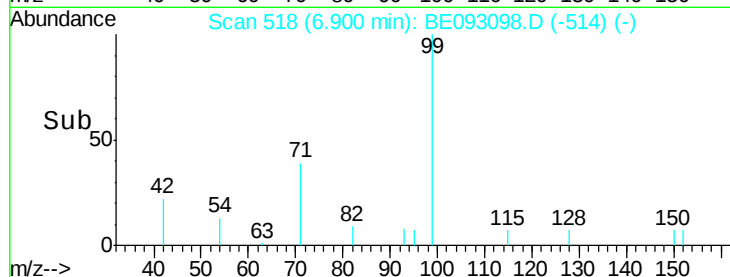


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.398 ng

RT: 7.15 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE093098.D

Acq: 12 Jun 2017 11:01

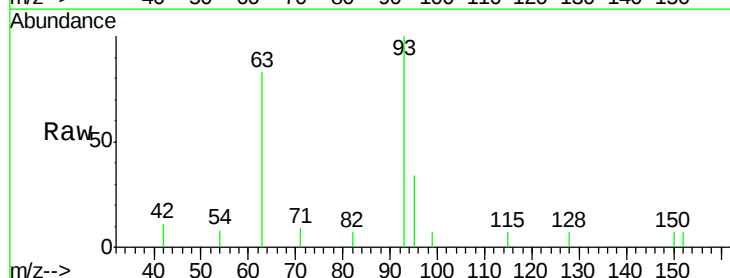
Tgt Ion: 93 Resp: 973

Ion Ratio Lower Upper

93 100

63 86.5 0.0 0.0#

95 31.6 25.4 38.0

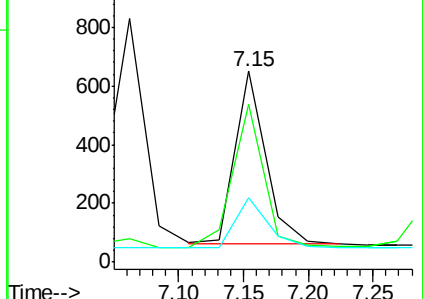
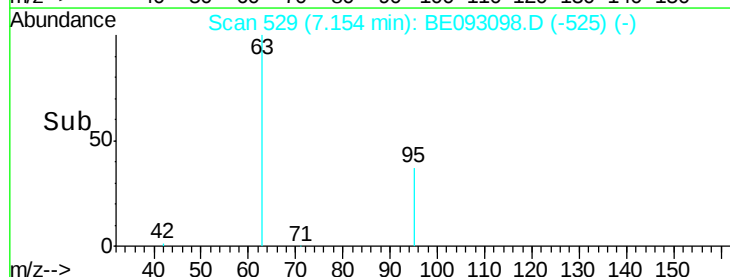


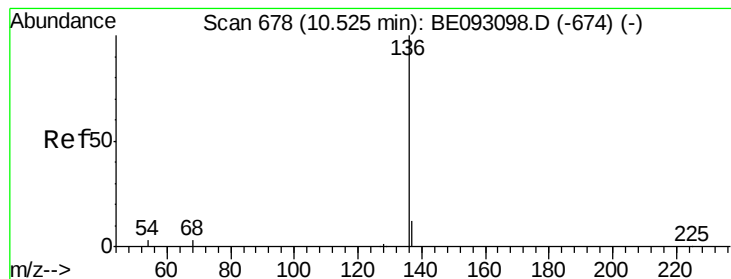
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE093098.D

Acq: 12 Jun 2017 11:01

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tgt Ion: 136 Resp: 3393

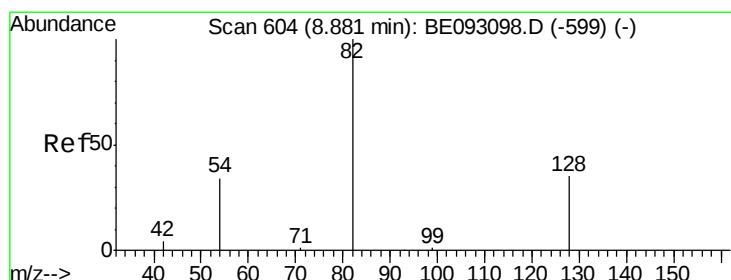
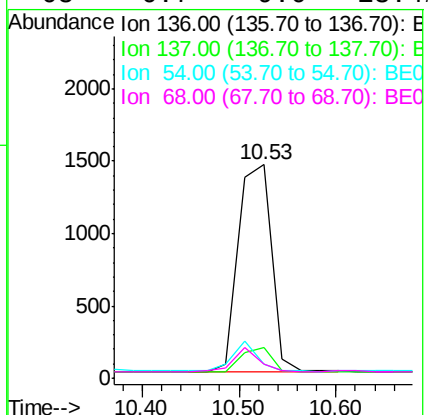
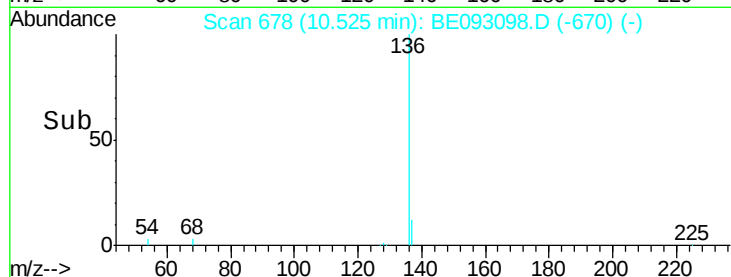
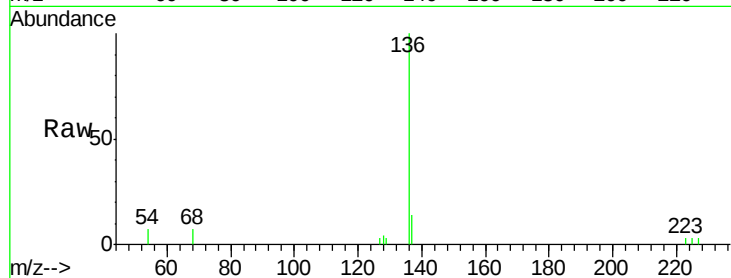
Ion Ratio Lower Upper

136 100

137 14.4 9.8 14.8

54 6.9 10.3 15.5#

68 6.7 9.0 13.4#



#8

Nitrobenzene-d5

Concen: 0.316 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093098.D

Acq: 12 Jun 2017 11:01

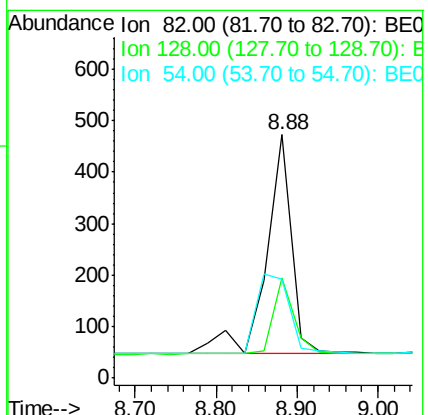
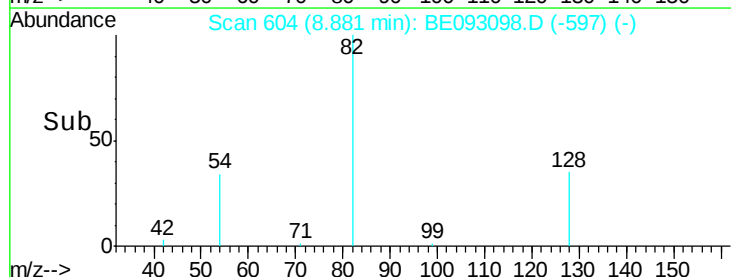
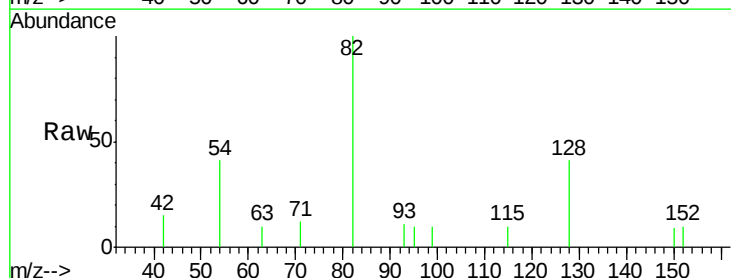
Tgt Ion: 82 Resp: 937

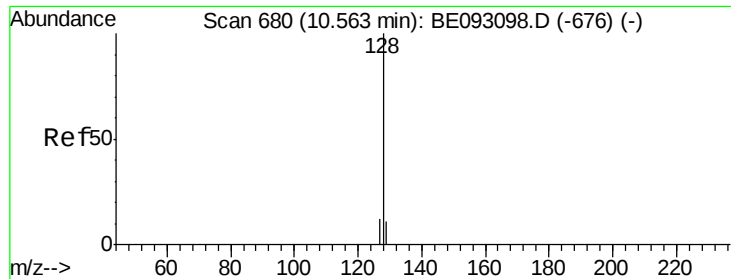
Ion Ratio Lower Upper

82 100

128 41.0 17.0 25.4#

54 40.8 53.8 80.6#





#9

Naphthalene

Concen: 0.360 ng

RT: 10.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE093098.D

Acq: 12 Jun 2017 11:01

Instrument :

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ClientSampleId :

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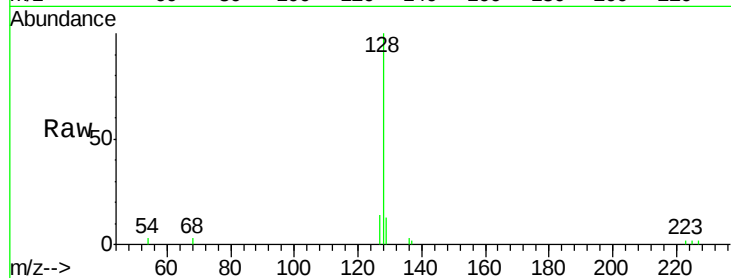
Tgt Ion:128 Resp: 3218

Ion Ratio Lower Upper

128 100

129 13.0 11.4 17.0

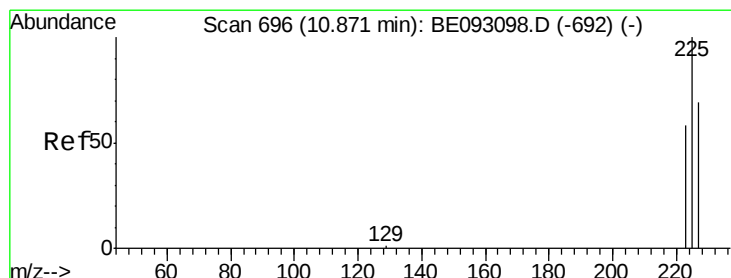
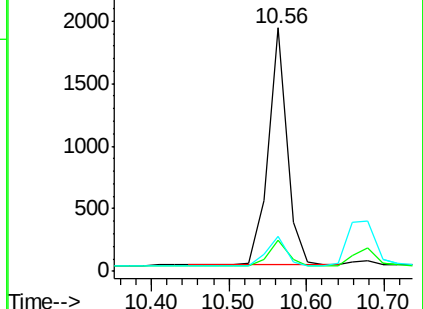
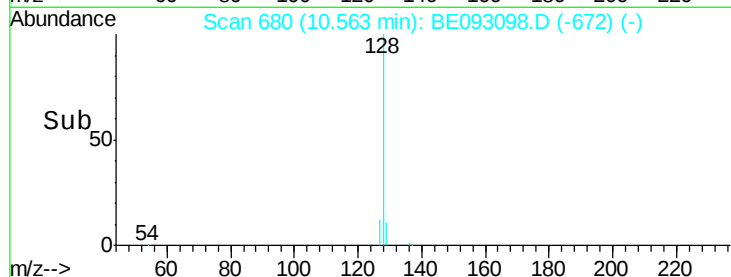
127 14.4 11.2 16.8



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

Hexachlorobutadiene

Concen: 0.362 ng

RT: 10.87 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE093098.D

Acq: 12 Jun 2017 11:01

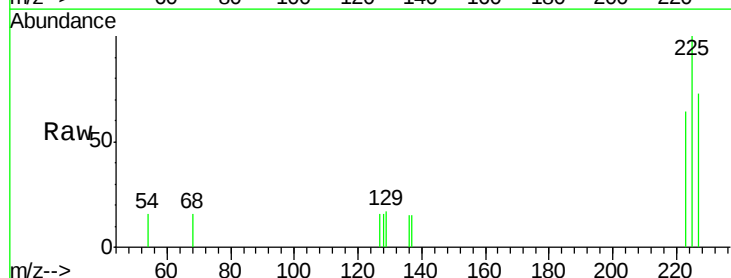
Tgt Ion:225 Resp: 425

Ion Ratio Lower Upper

225 100

223 64.5 49.7 74.5

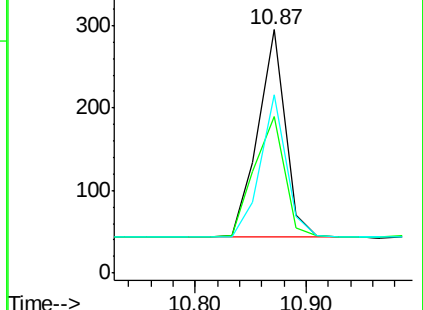
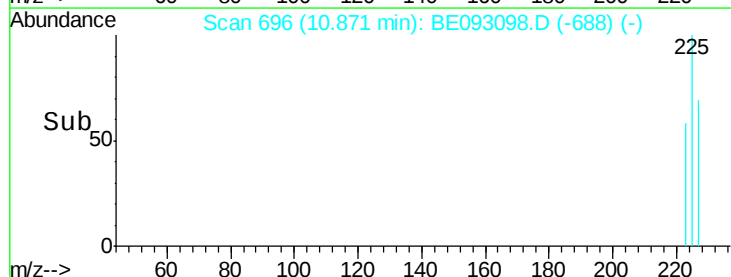
227 64.9 50.3 75.5

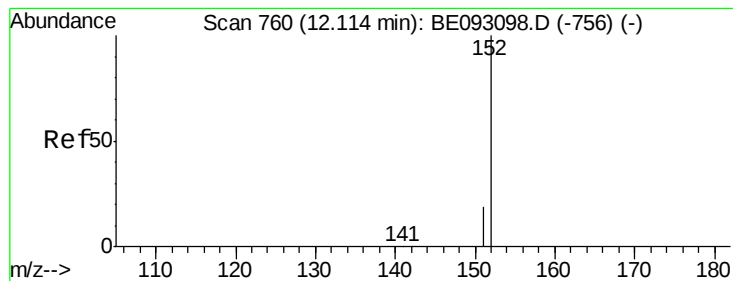


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.353 ng

RT: 12.11 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE093098.D

Acq: 12 Jun 2017 11:01

Instrument :

BNA_E

ClientSampleId :

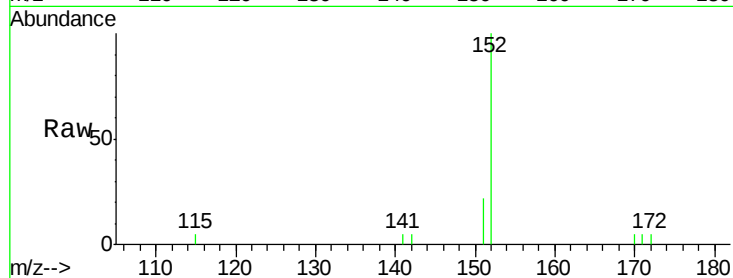
SSTDICCC0.4

Tgt Ion:152 Resp: 1753

Ion Ratio Lower Upper

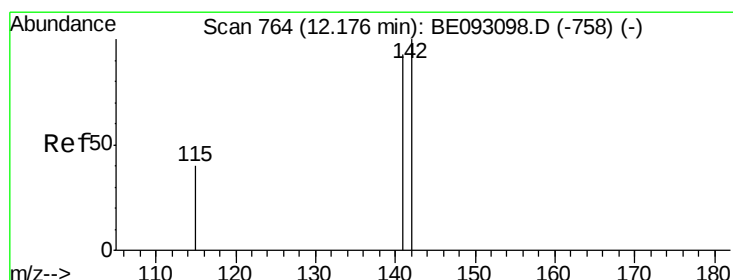
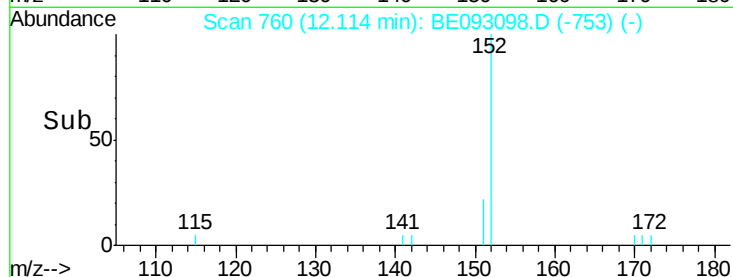
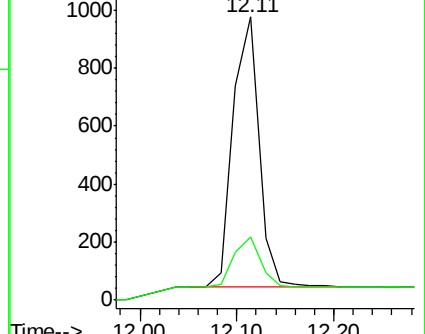
152 100

151 19.6 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: 0.357 ng

RT: 12.18 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE093098.D

Acq: 12 Jun 2017 11:01

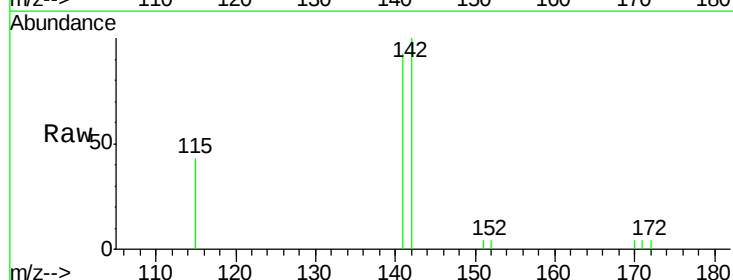
Tgt Ion:142 Resp: 1976

Ion Ratio Lower Upper

142 100

141 93.2 72.6 108.8

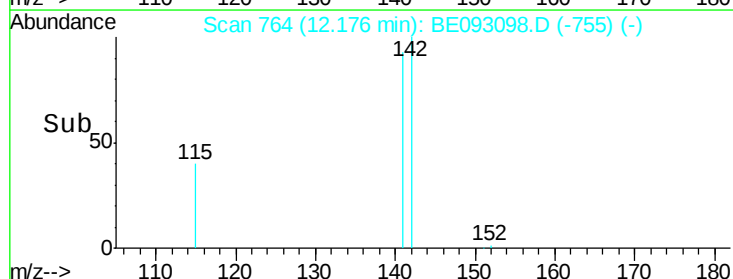
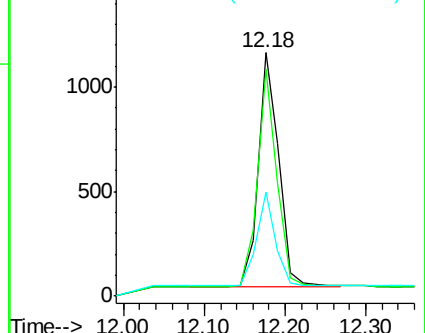
115 43.0 32.2 48.2

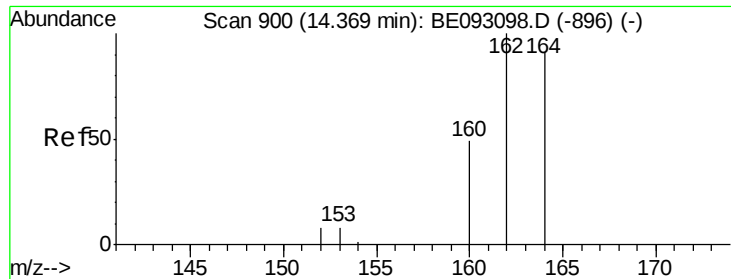


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE093098.D

Acq: 12 Jun 2017 11:01

Instrument :

BNA_E

ClientSampleId :

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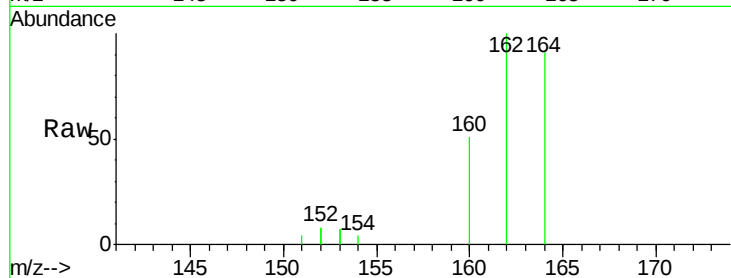
Tgt Ion:164 Resp: 1662

Ion Ratio Lower Upper

164 100

162 109.7 84.6 127.0

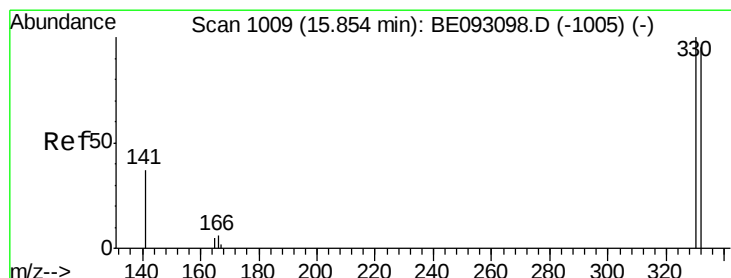
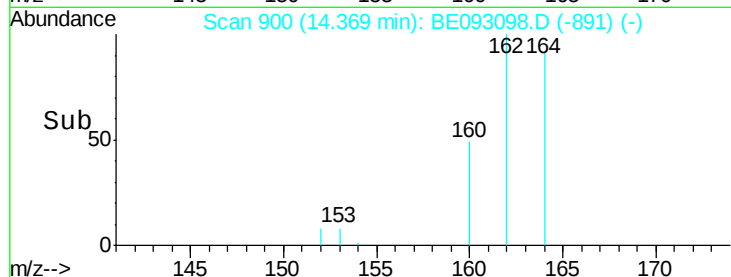
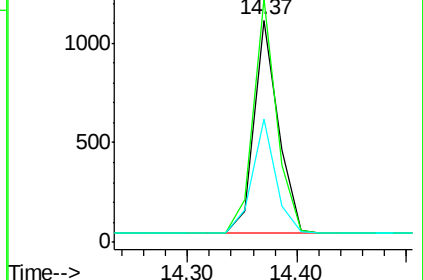
160 55.5 41.8 62.6



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: 0.256 ng

RT: 15.85 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE093098.D

Acq: 12 Jun 2017 11:01

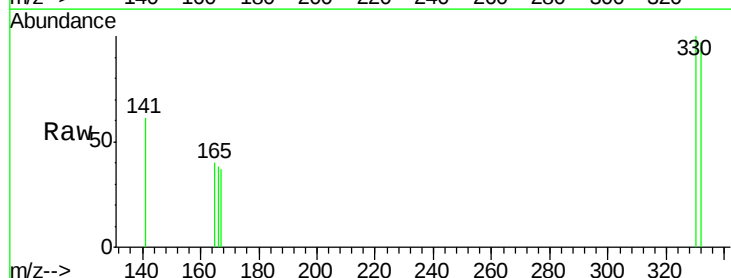
Tgt Ion:330 Resp: 126

Ion Ratio Lower Upper

330 100

332 98.4 77.7 116.5

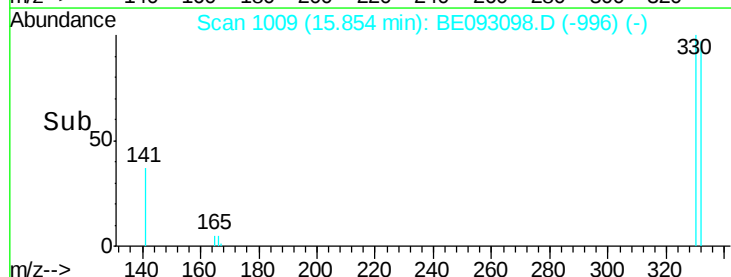
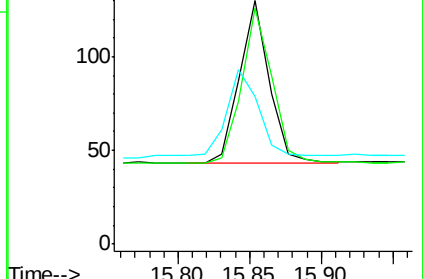
141 61.1 56.2 84.4

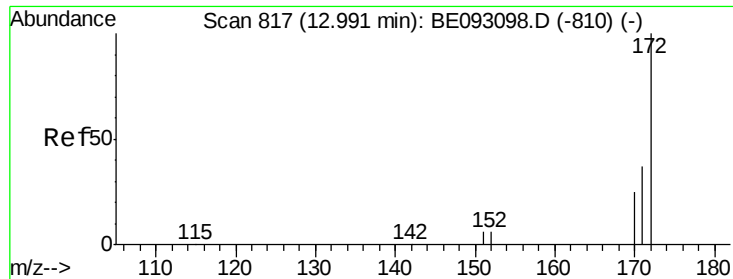


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

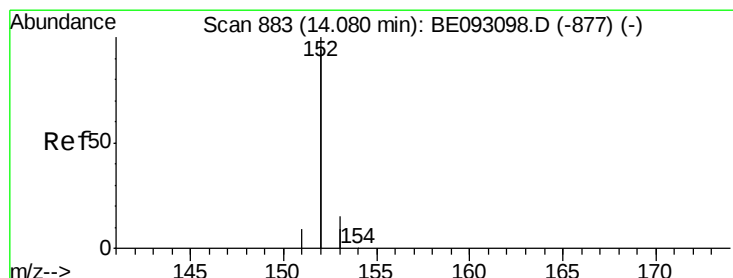
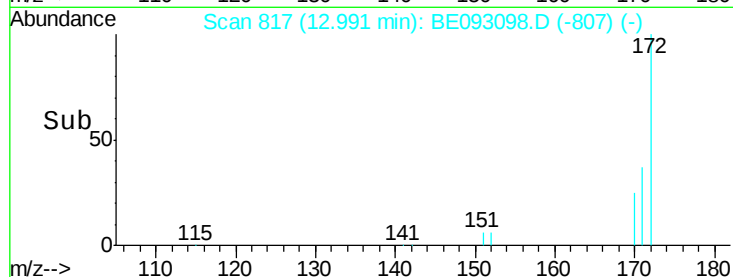
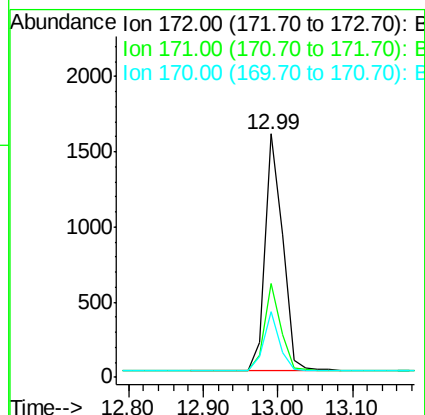
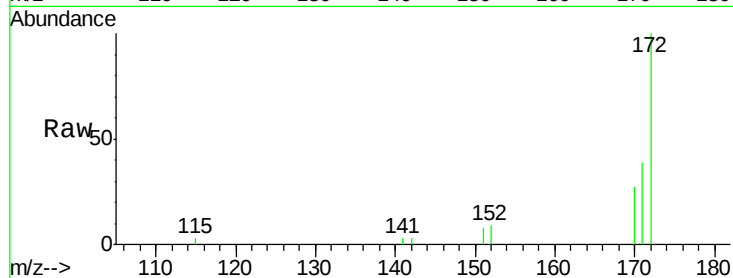




#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093098.D
Acq: 12 Jun 2017 11:01

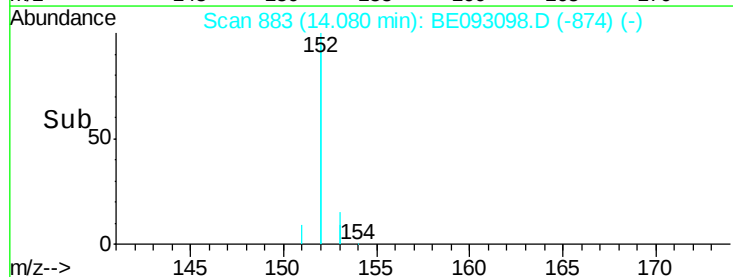
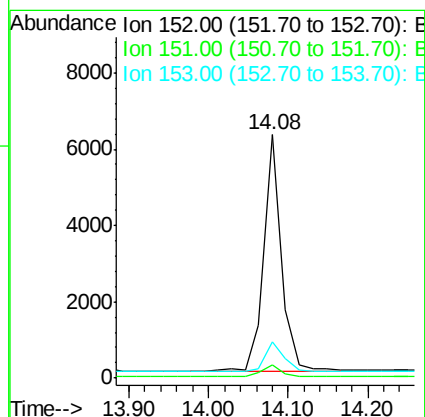
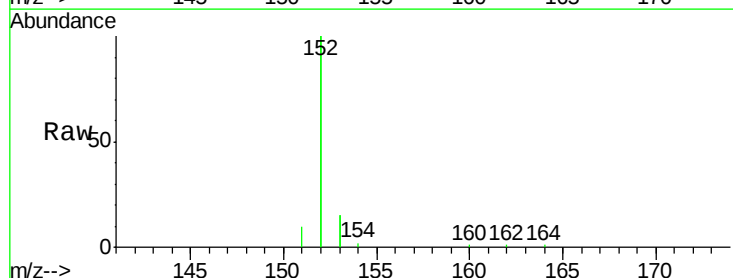
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

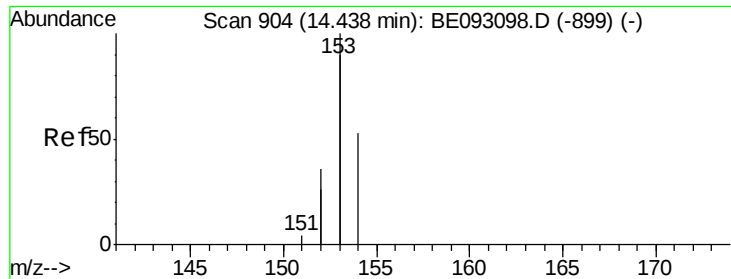
Tgt Ion:172 Resp: 2560
Ion Ratio Lower Upper
172 100
171 38.7 29.8 44.6
170 27.1 20.7 31.1



#16
Acenaphthylene
Concen: 0.332 ng
RT: 14.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE093098.D
Acq: 12 Jun 2017 11:01

Tgt Ion:152 Resp: 9687
Ion Ratio Lower Upper
152 100
151 4.9 4.0 6.0
153 13.1 10.3 15.5

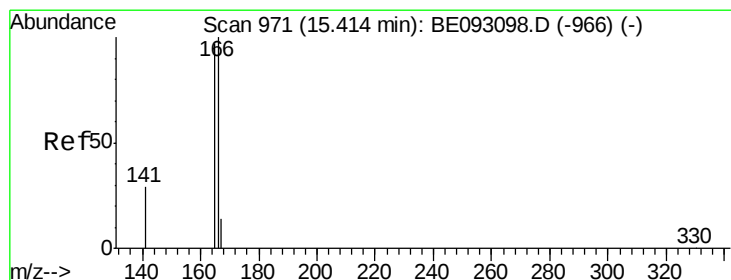
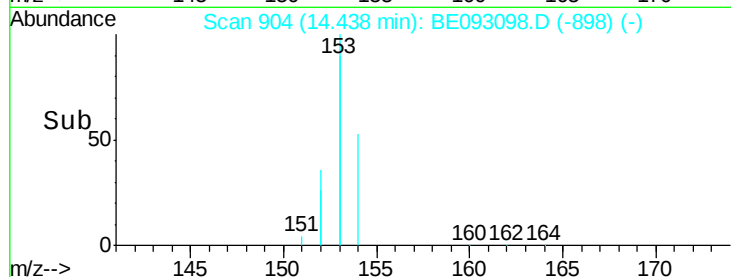
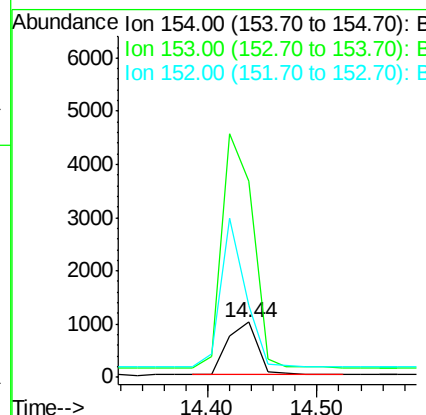
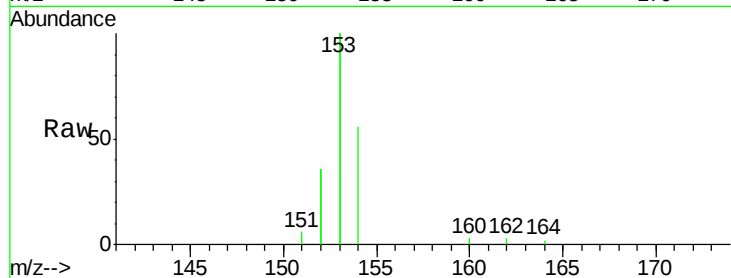




#17
Acenaphthene
Concen: 0.359 ng
RT: 14.44 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE093098.D
Acq: 12 Jun 2017 11:01

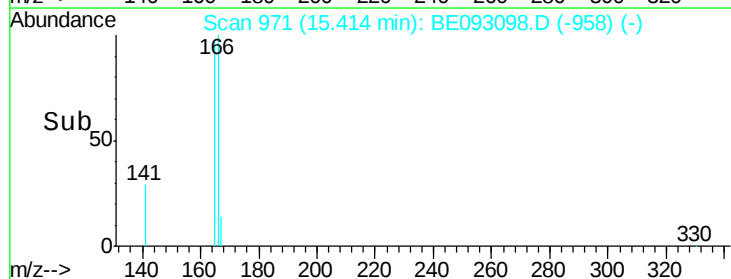
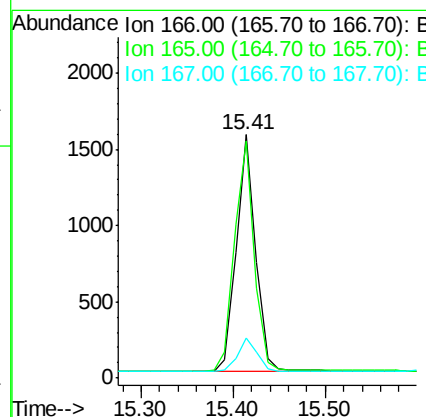
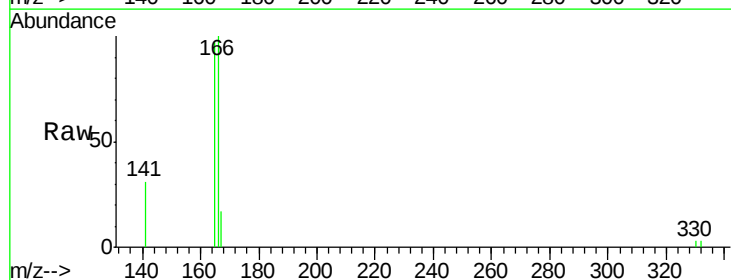
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

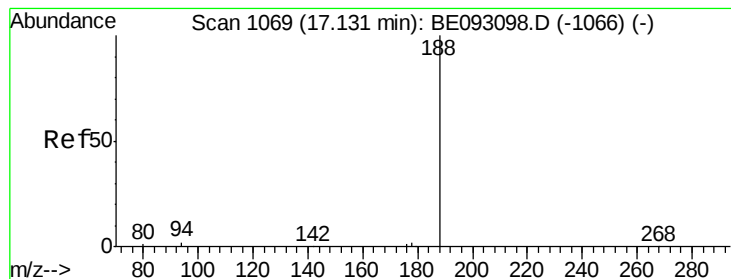
Tgt Ion:154 Resp: 1882
Ion Ratio Lower Upper
154 100
153 452.6 367.8 551.6
152 234.9 188.2 282.2



#18
Fluorene
Concen: 0.353 ng
RT: 15.41 min Scan# 971
Delta R.T. 0.00 min
Lab File: BE093098.D
Acq: 12 Jun 2017 11:01

Tgt Ion:166 Resp: 2266
Ion Ratio Lower Upper
166 100
165 99.6 78.6 117.8
167 14.1 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: BE093098.D

Acq: 12 Jun 2017 11:01

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

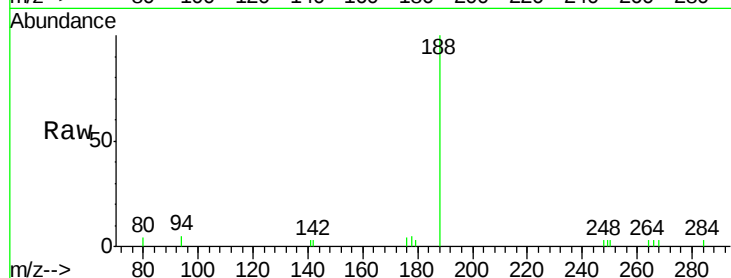
Tgt Ion:188 Resp: 3642

Ion Ratio Lower Upper

188 100

94 4.6 11.3 16.9#

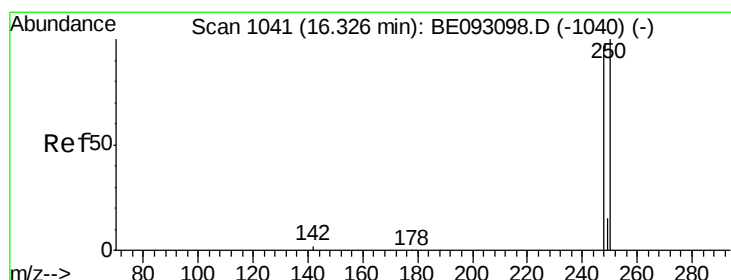
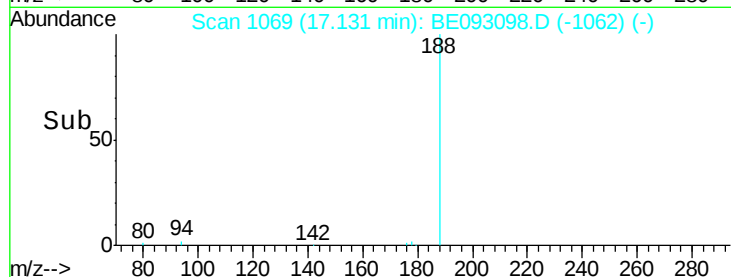
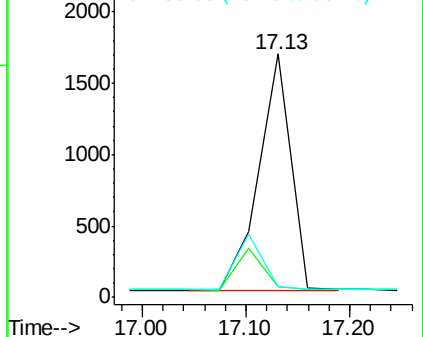
80 4.4 11.7 17.5#



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: 0.680 ng

RT: 16.33 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BE093098.D

Acq: 12 Jun 2017 11:01

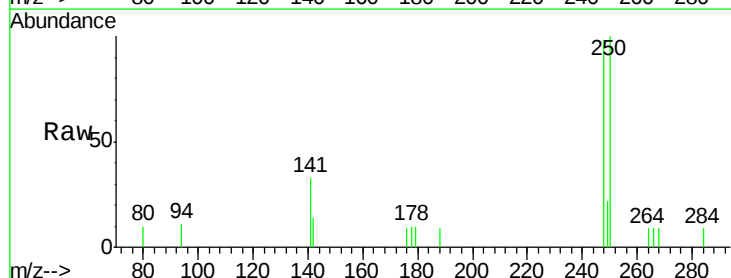
Tgt Ion:248 Resp: 770

Ion Ratio Lower Upper

248 100

250 101.6 100.0 150.0

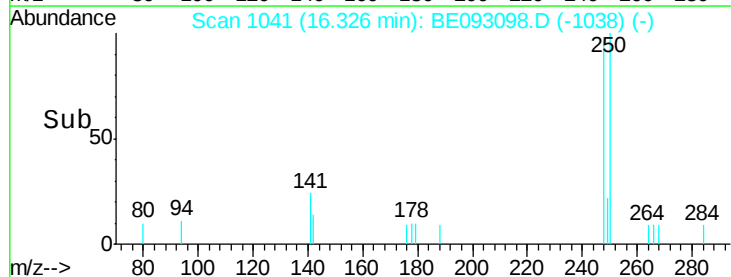
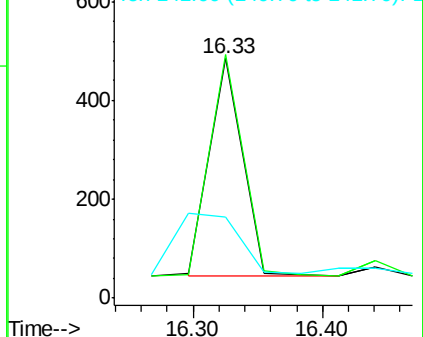
141 33.8 40.0 60.0#

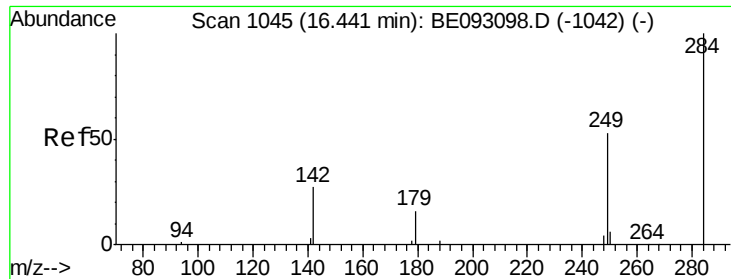


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

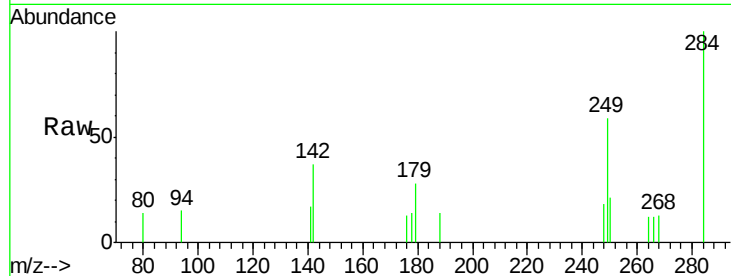




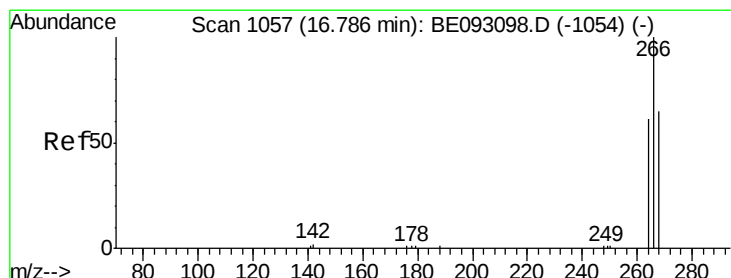
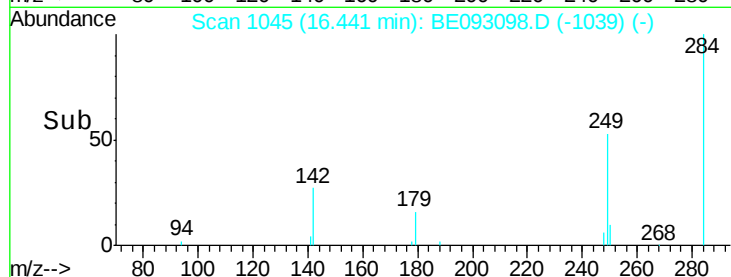
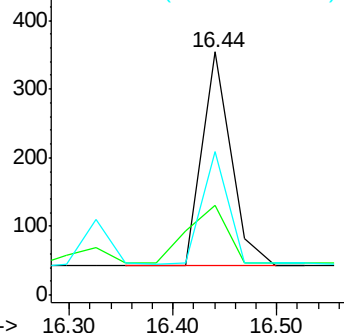
#21
Hexachlorobenzene
Concen: 0.406 ng
RT: 16.44 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BE093098.D
Acq: 12 Jun 2017 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 284 Resp: 603
Ion Ratio Lower Upper
284 100
142 37.5 0.0 0.0#
249 48.1 0.0 0.0#

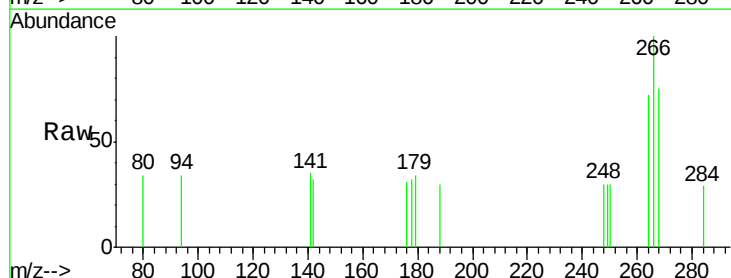


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

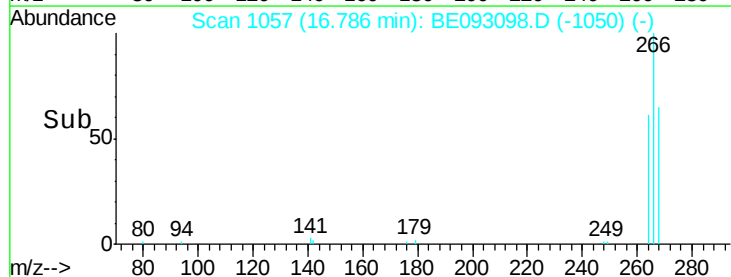
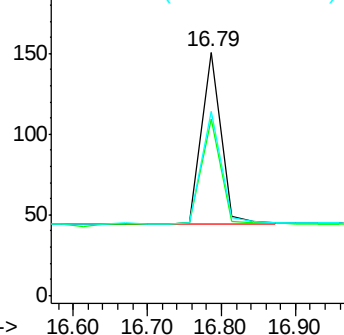


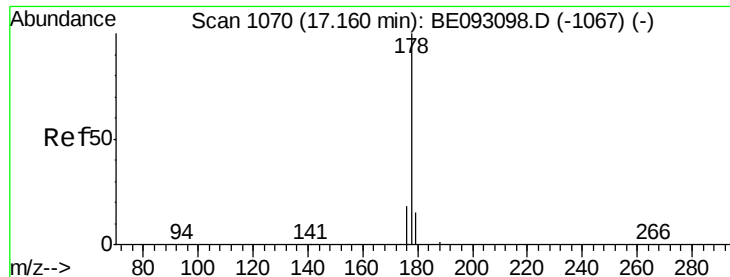
#22
Pentachlorophenol
Concen: 0.439 ng
RT: 16.79 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE093098.D
Acq: 12 Jun 2017 11:01

Tgt Ion: 266 Resp: 200
Ion Ratio Lower Upper
266 100
264 72.2 58.2 87.2
268 75.5 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: 0.709 ng

RT: 17.16 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE093098.D

Acq: 12 Jun 2017 11:01

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

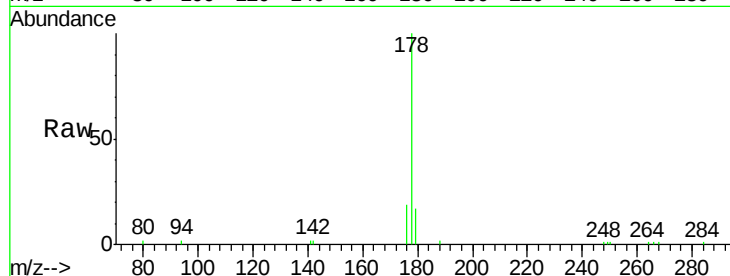
Tgt Ion:178 Resp: 5591

Ion Ratio Lower Upper

178 100

176 18.1 15.0 22.4

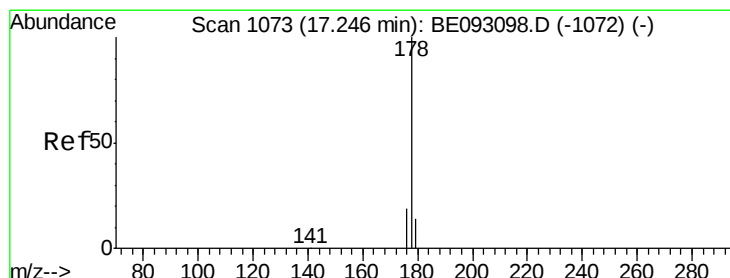
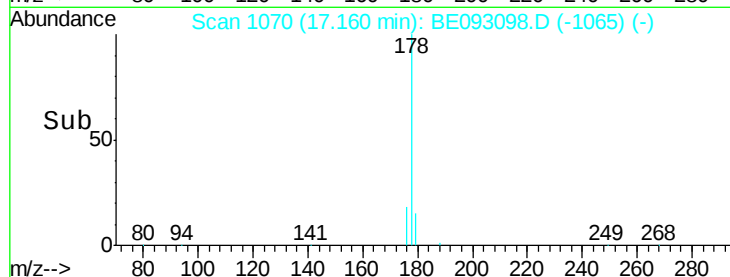
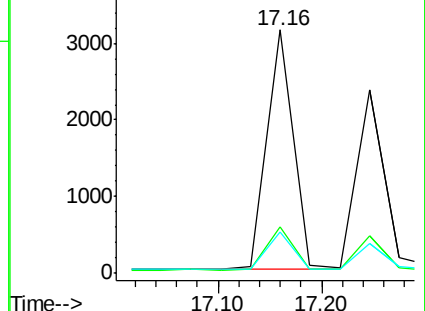
179 15.6 12.7 19.1



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: 0.584 ng

RT: 17.25 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BE093098.D

Acq: 12 Jun 2017 11:01

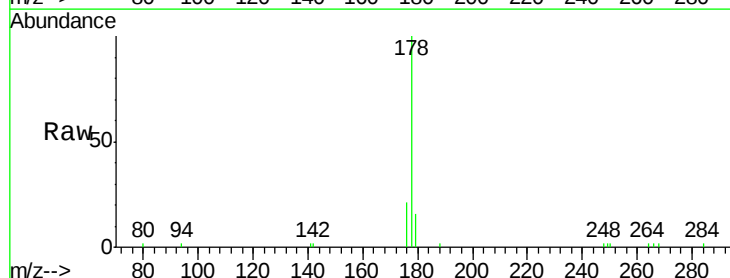
Tgt Ion:178 Resp: 4340

Ion Ratio Lower Upper

178 100

176 18.7 14.6 22.0

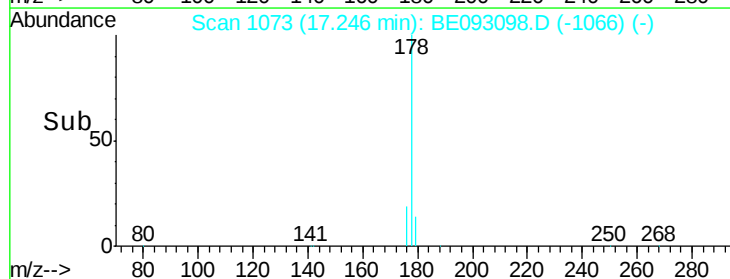
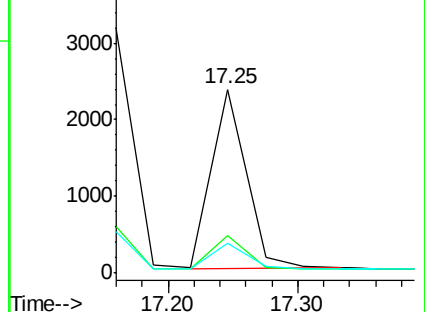
179 14.7 12.0 18.0

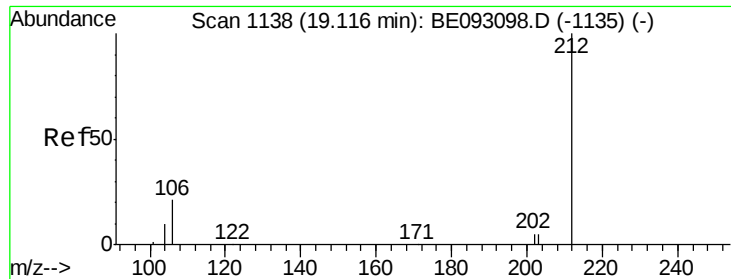


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.424 ng

RT: 19.12 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BE093098.D

Acq: 12 Jun 2017 11:01

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

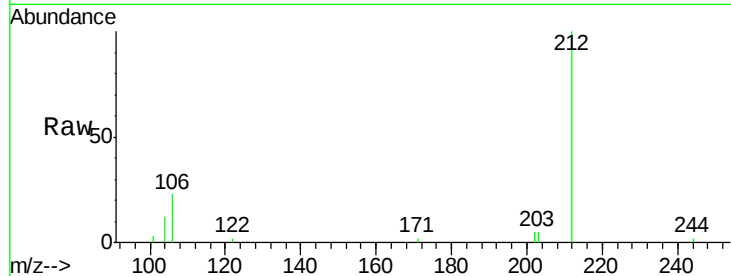
Tgt Ion:212 Resp: 4055

Ion Ratio Lower Upper

212 100

106 17.2 0.0 0.0#

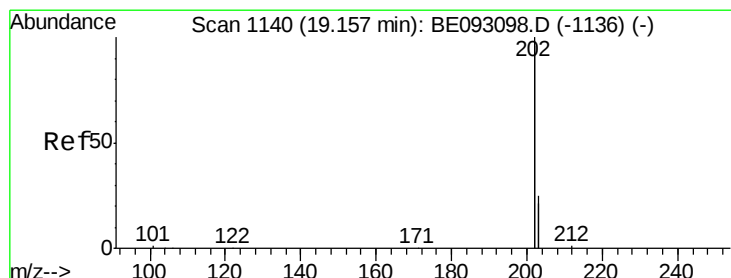
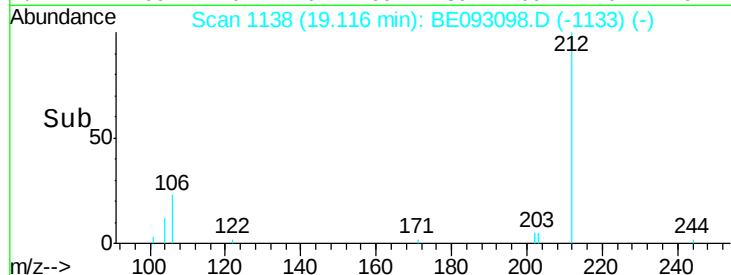
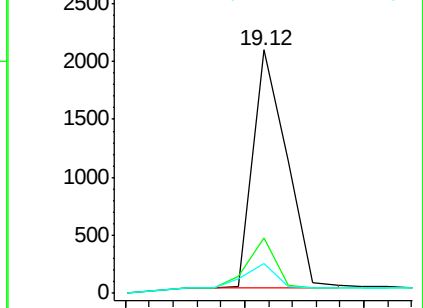
104 9.0 0.0 0.0#



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: 0.436 ng

RT: 19.16 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BE093098.D

Acq: 12 Jun 2017 11:01

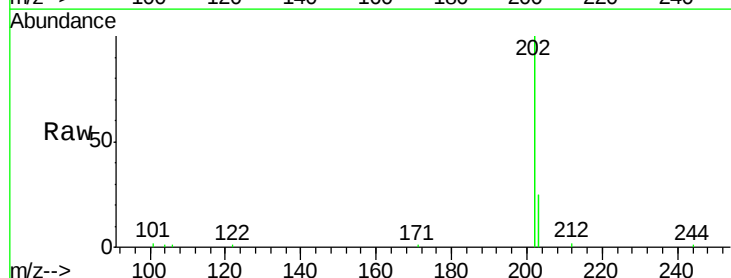
Tgt Ion:202 Resp: 19550

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

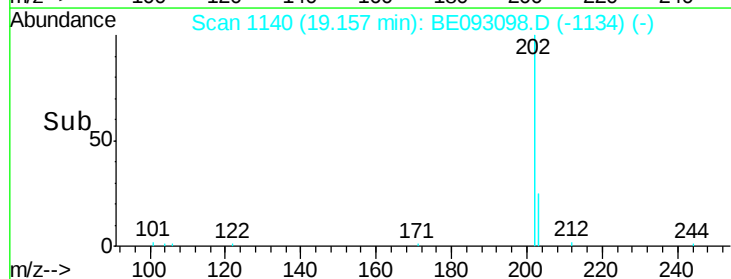
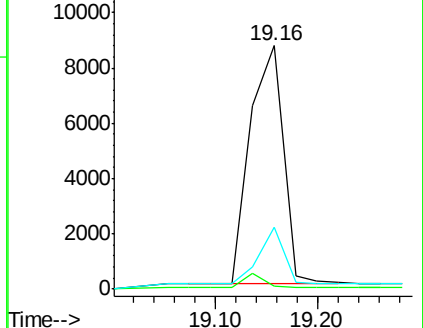
203 18.2 14.4 21.6

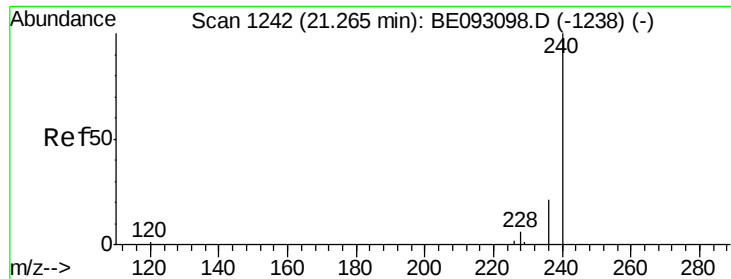


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

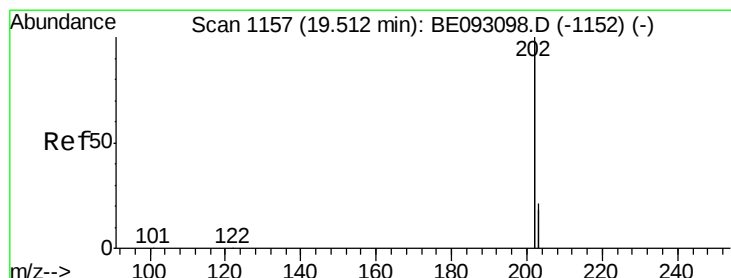
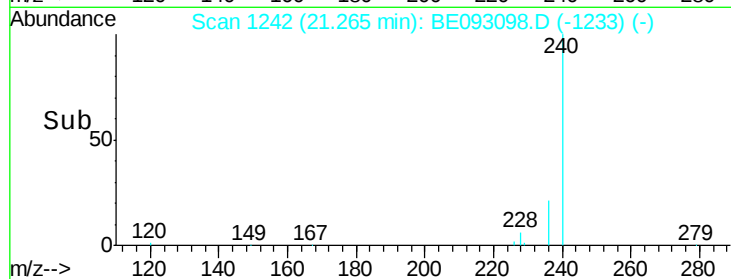
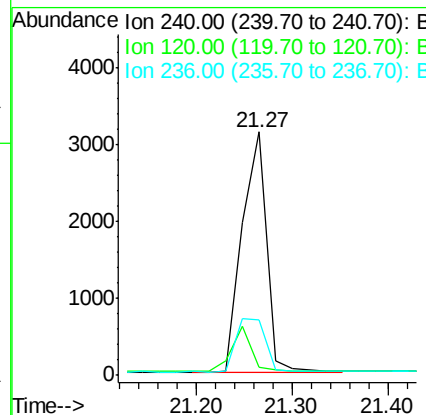
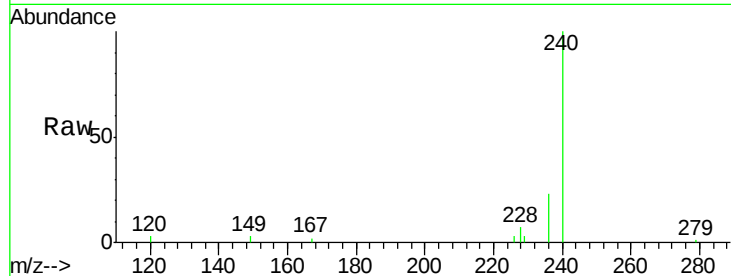




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BE093098.D
Acq: 12 Jun 2017 11:01

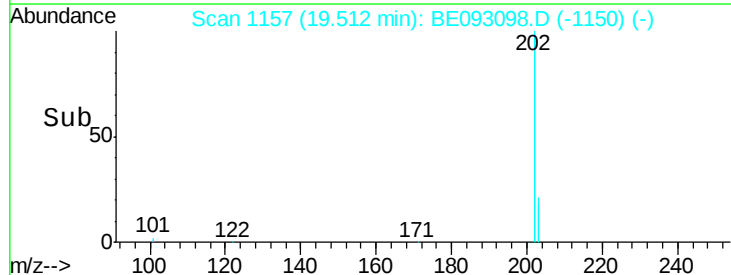
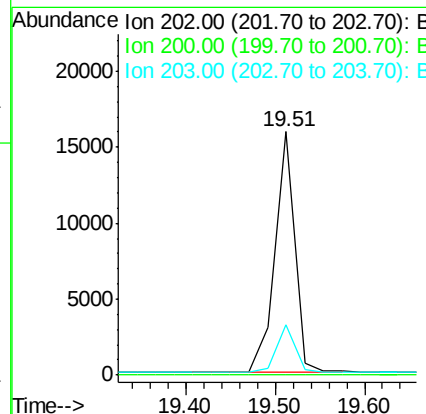
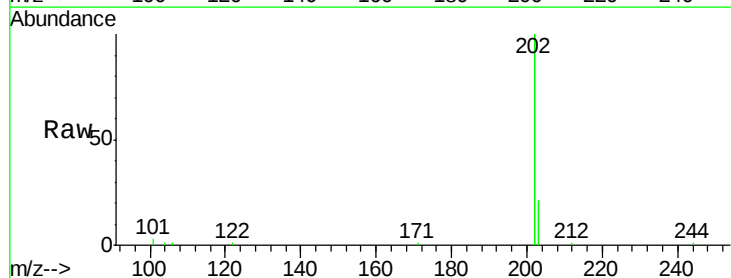
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

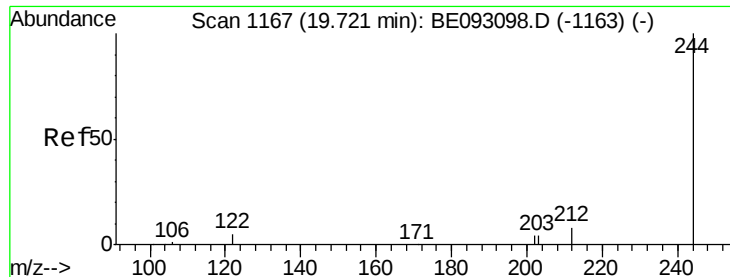
Tgt Ion:240 Resp: 5519
Ion Ratio Lower Upper
240 100
120 3.2 4.6 7.0#
236 22.5 20.8 31.2



#28
Pyrene
Concen: 0.369 ng
RT: 19.51 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE093098.D
Acq: 12 Jun 2017 11:01

Tgt Ion:202 Resp: 24522
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 18.4 13.7 20.5





#29

Terphenyl-d14

Concen: 0.375 ng

RT: 19.72 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BE093098.D

Acq: 12 Jun 2017 11:01

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

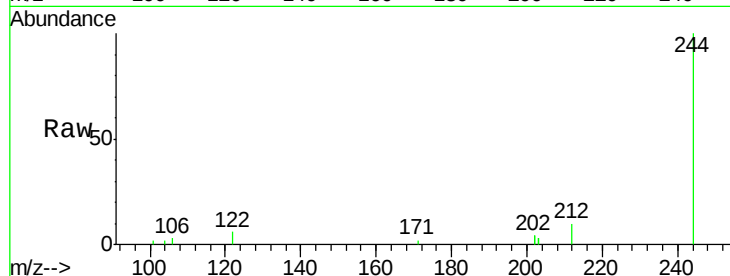
Tgt Ion:244 Resp: 3869

Ion Ratio Lower Upper

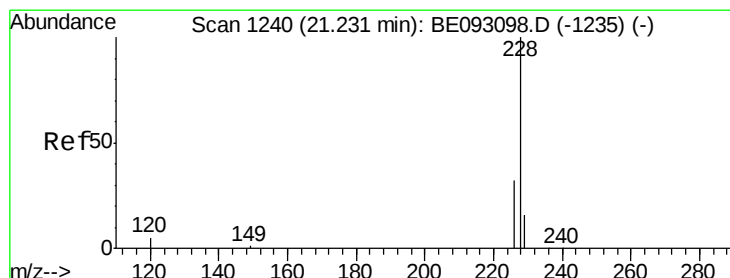
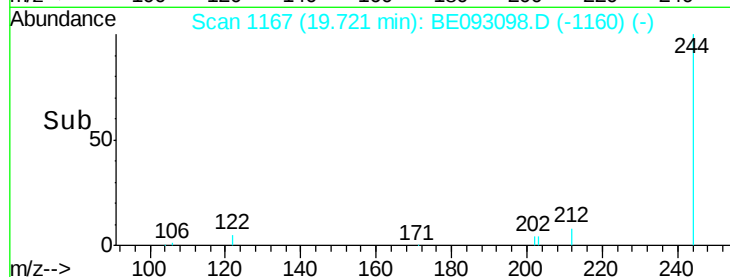
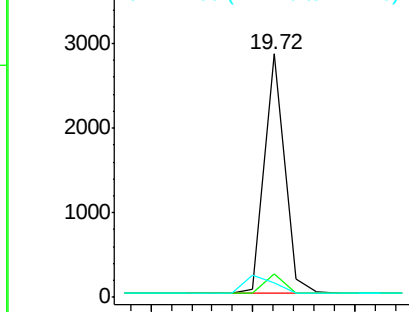
244 100

212 9.9 10.6 16.0#

122 6.1 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: 0.354 ng

RT: 21.23 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BE093098.D

Acq: 12 Jun 2017 11:01

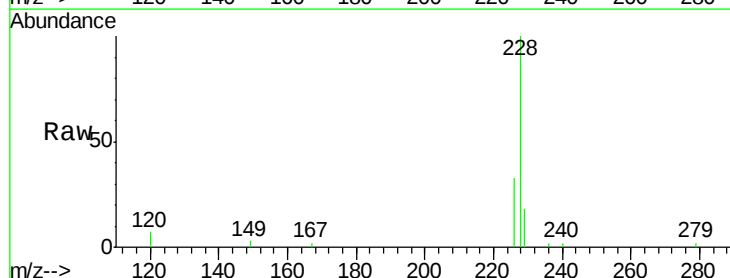
Tgt Ion:228 Resp: 5314

Ion Ratio Lower Upper

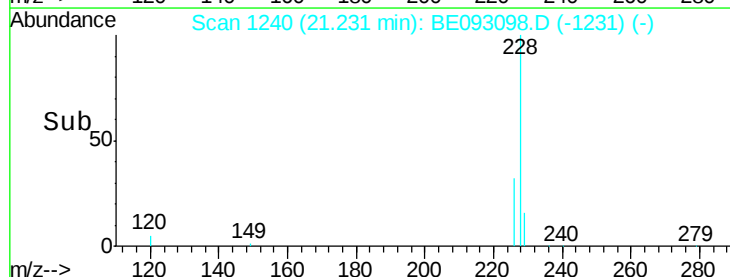
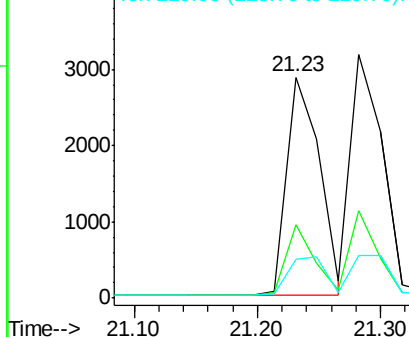
228 100

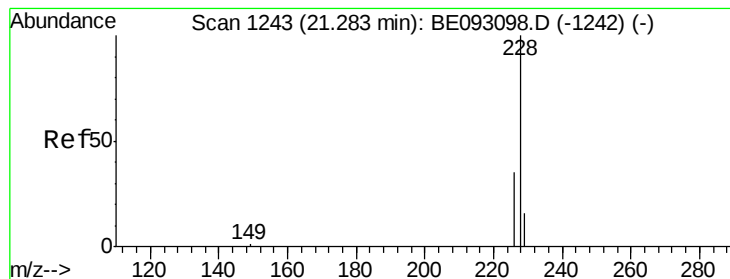
226 33.4 19.7 29.5#

229 17.7 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: 0.355 ng

RT: 21.28 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093098.D

Acq: 12 Jun 2017 11:01

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

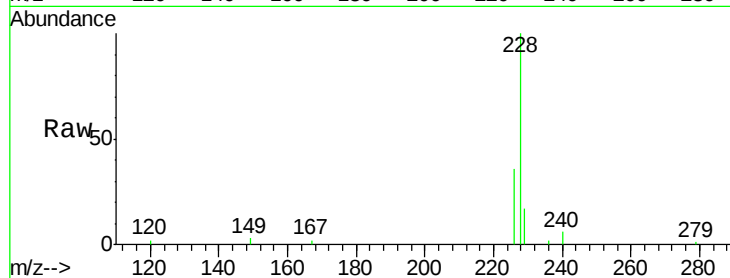
Tgt Ion:228 Resp: 5699

Ion Ratio Lower Upper

228 100

226 36.0 21.5 32.3#

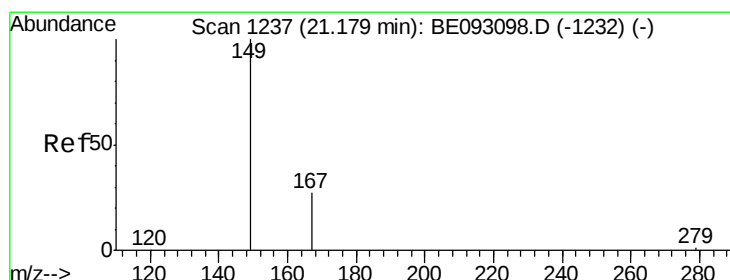
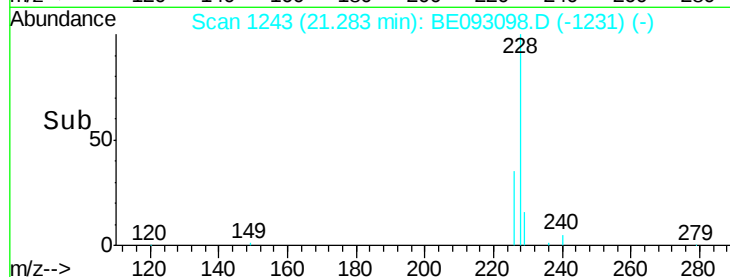
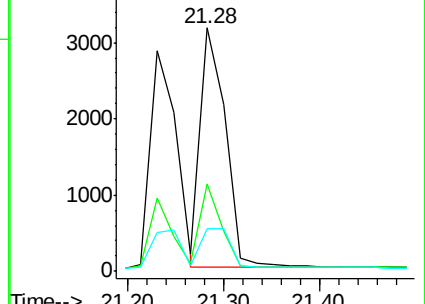
229 17.3 18.6 28.0#



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: 0.266 ng

RT: 21.18 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BE093098.D

Acq: 12 Jun 2017 11:01

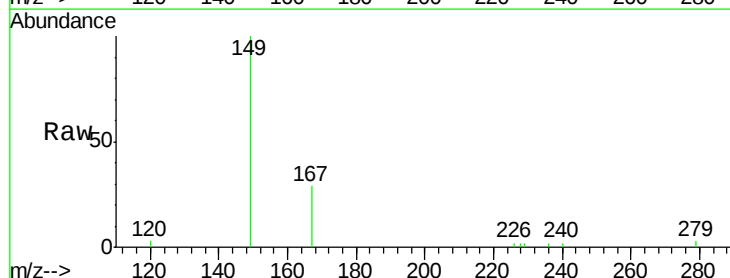
Tgt Ion:149 Resp: 2301

Ion Ratio Lower Upper

149 100

167 25.7 20.1 30.1

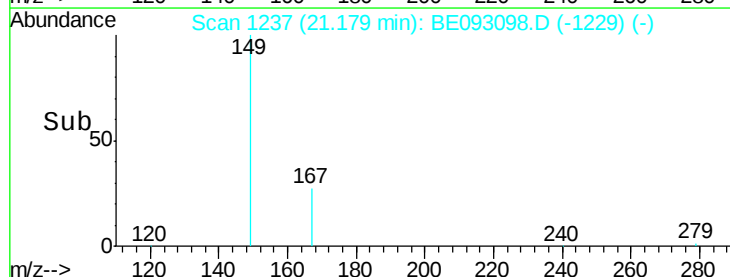
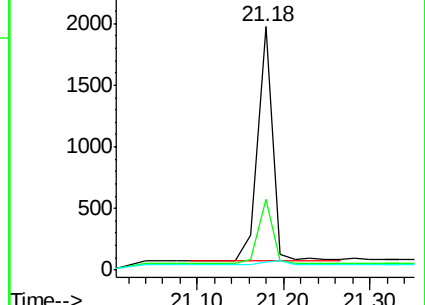
279 2.4 2.2 3.4

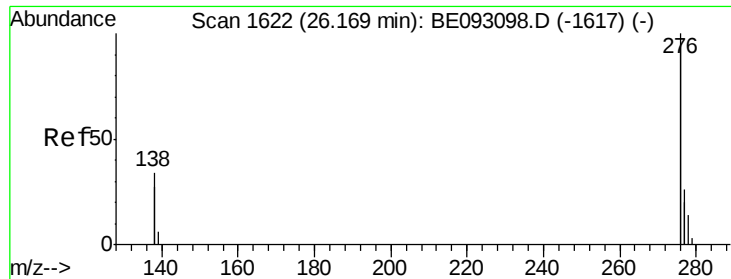


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.355 ng

RT: 26.17 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE093098.D

Acq: 12 Jun 2017 11:01

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

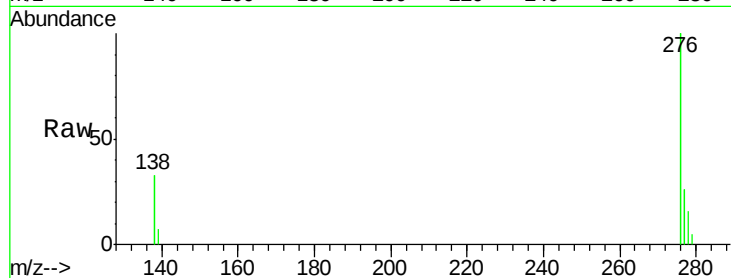
Tgt Ion:276 Resp: 20870

Ion Ratio Lower Upper

276 100

138 32.9 27.4 41.2

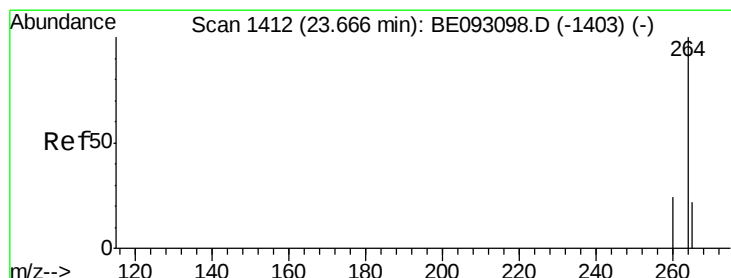
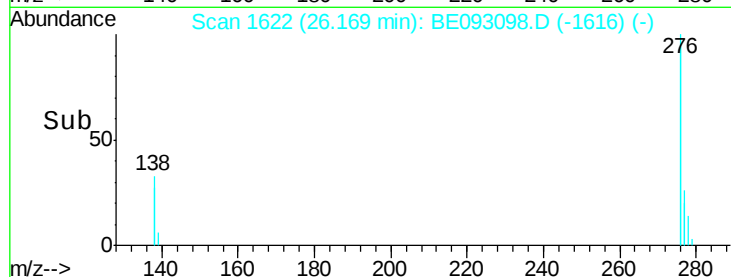
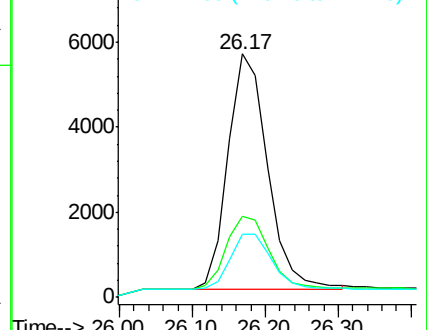
277 25.0 20.1 30.1



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: BE093098.D

Acq: 12 Jun 2017 11:01

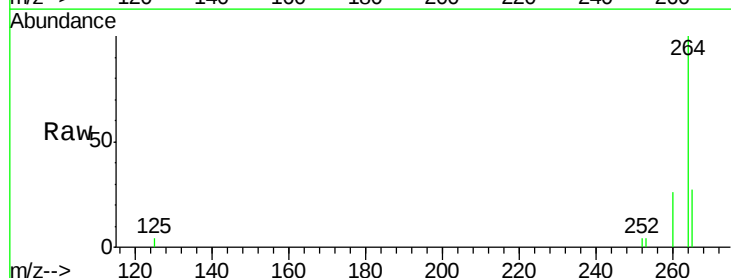
Tgt Ion:264 Resp: 4781

Ion Ratio Lower Upper

264 100

260 25.7 21.0 31.4

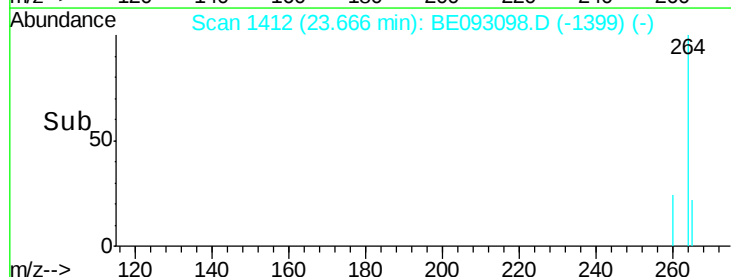
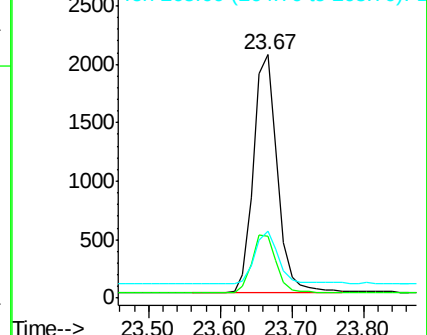
265 27.4 24.6 36.8

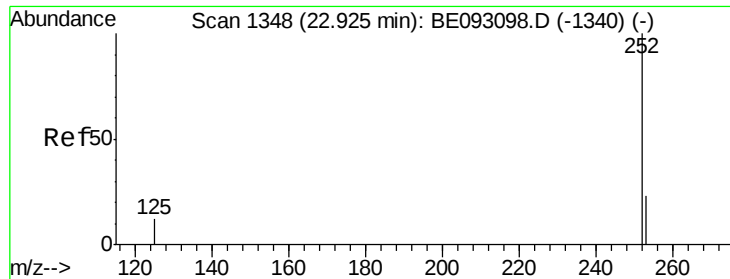


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

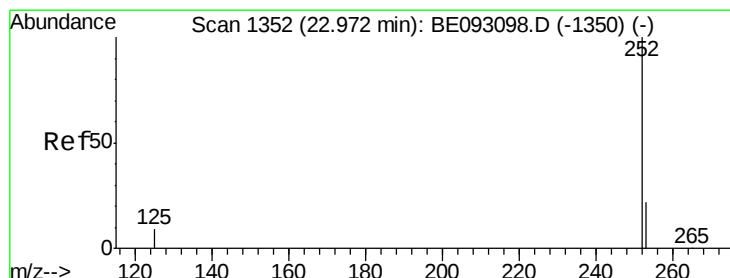
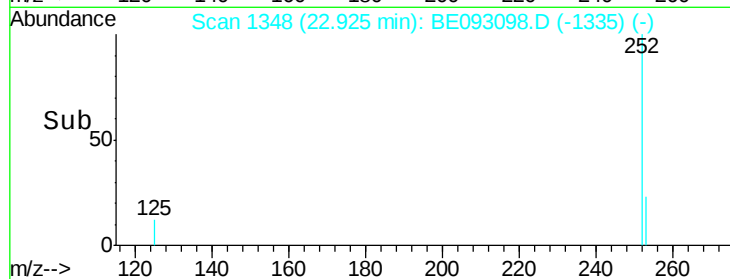
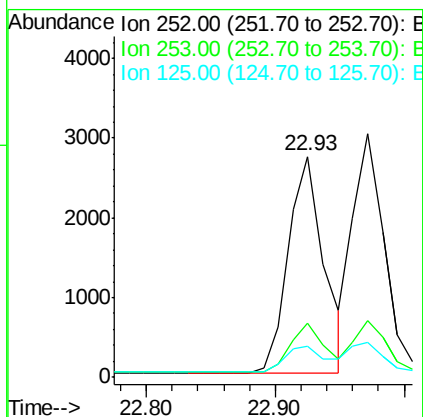
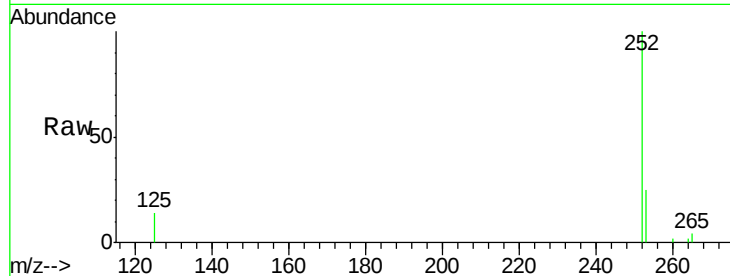




#35
Benzo(b)fluoranthene
Concen: 0.348 ng
RT: 22.93 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BE093098.D
Acq: 12 Jun 2017 11:01

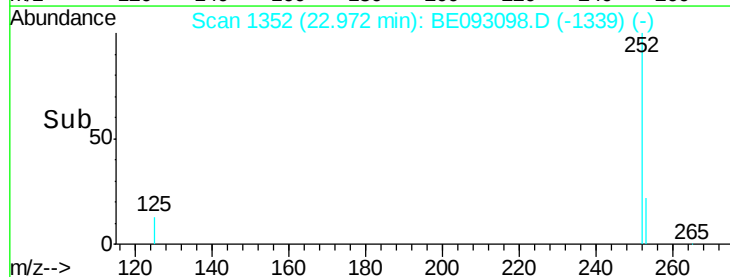
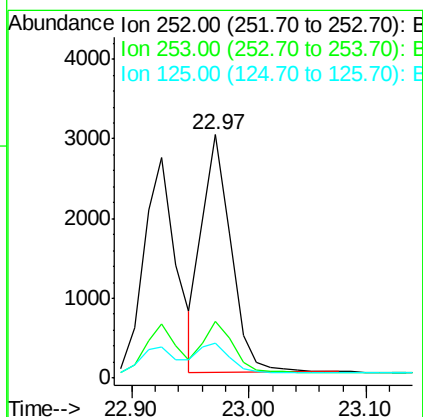
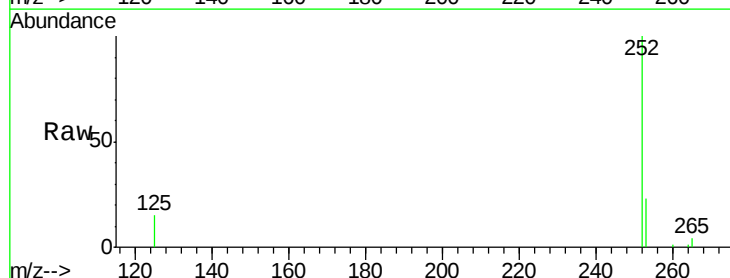
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

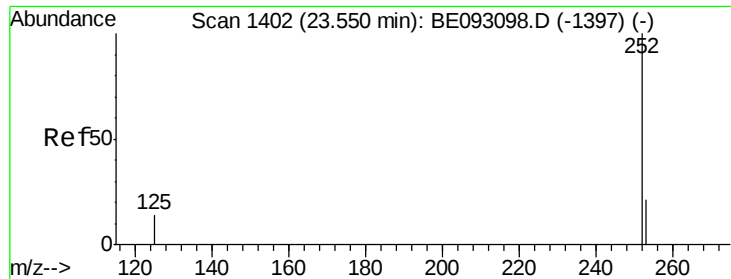
Tgt Ion: 252 Resp: 5250
Ion Ratio Lower Upper
252 100
253 24.7 18.5 27.7
125 14.1 13.4 20.0



#36
Benzo(k)fluoranthene
Concen: 0.338 ng
RT: 22.97 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BE093098.D
Acq: 12 Jun 2017 11:01

Tgt Ion: 252 Resp: 5119
Ion Ratio Lower Upper
252 100
253 23.4 20.3 30.5
125 14.5 12.2 18.4





#37

Benzo(a)pyrene

Concen: 0.328 ng

RT: 23.55 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BE093098.D

Acq: 12 Jun 2017 11:01

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

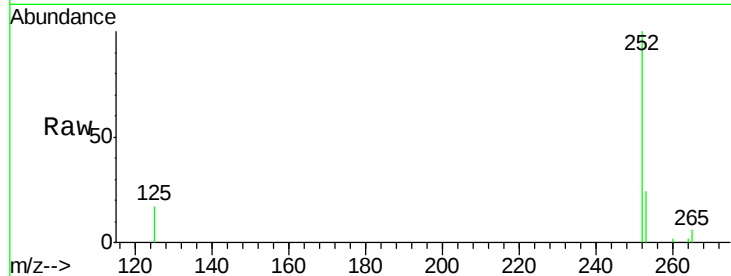
Tgt Ion:252 Resp: 4538

Ion Ratio Lower Upper

252 100

253 23.8 19.9 29.9

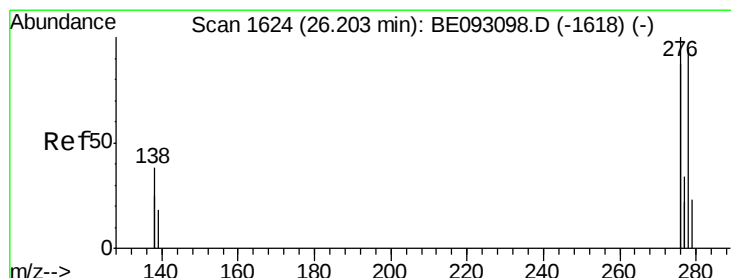
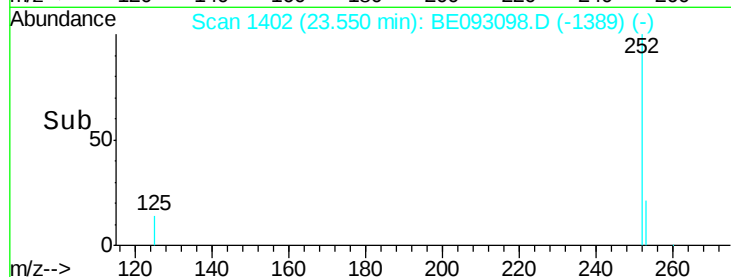
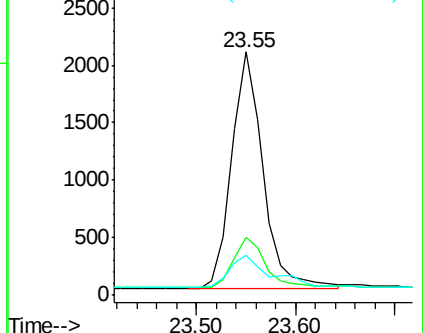
125 16.7 14.6 21.8



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: 0.367 ng

RT: 26.20 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE093098.D

Acq: 12 Jun 2017 11:01

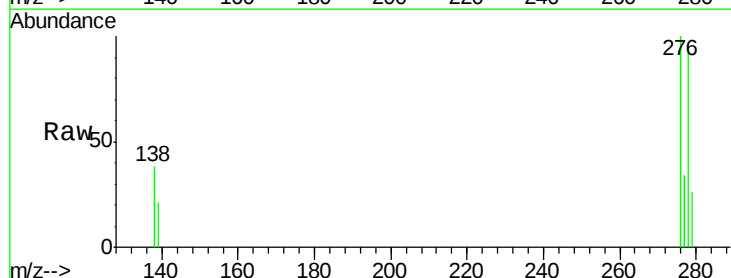
Tgt Ion:278 Resp: 4721

Ion Ratio Lower Upper

278 100

139 21.9 21.4 32.0

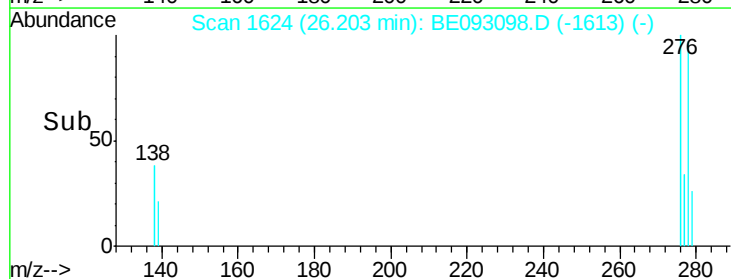
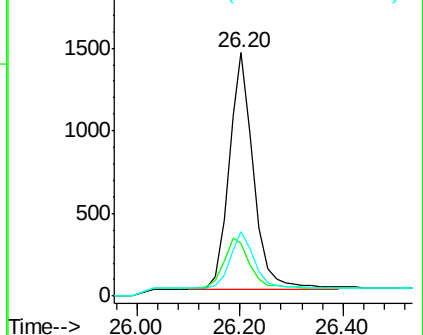
279 26.5 22.2 33.2

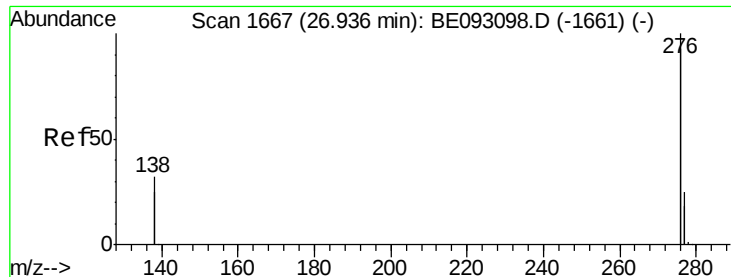


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.340 ng

RT: 26.94 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BE093098.D

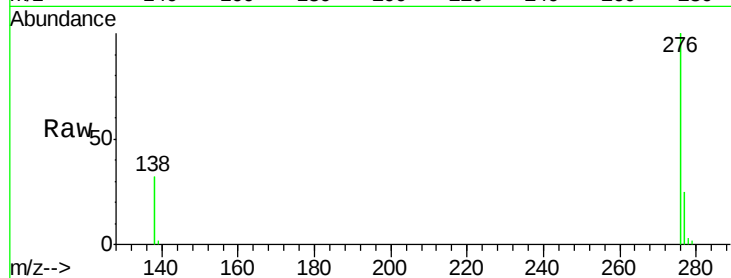
Acq: 12 Jun 2017 11:01

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4



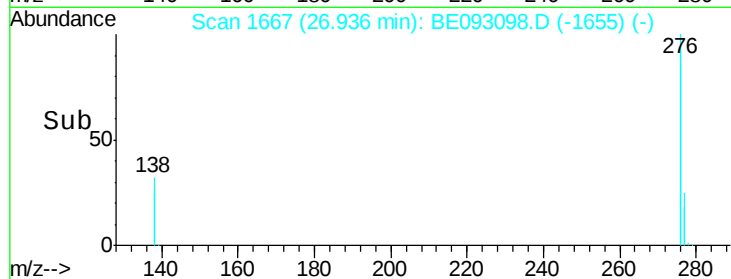
Tgt Ion: 276 Resp: 19053

Ion Ratio Lower Upper

276 100

277 24.6 21.2 31.8

138 32.3 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

