

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
 Data File : BE093122.D
 Acq On : 13 Jun 2017 3:44
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 13 04:59:49 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 14:07:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	615	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	3022	0.40	ng	-0.02
13) Acenaphthene-d10	14.37	164	1673	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3385	0.40	ng	0.00
27) Chrysene-d12	21.27	240	4711	0.40	ng	0.00
34) Perylene-d12	23.67	264	3868	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	919	0.51	ng	0.00
5) Phenol-d6	6.90	99	1267	0.48	ng	0.00
8) Nitrobenzene-d5	8.88	82	1135	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1999	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	215	0.56	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	2953	0.41	ng	0.00
25) Fluoranthene-d10	19.12	212	4842	0.43	ng	0.00
29) Terphenyl-d14	19.72	244	4084	0.45	ng	0.00

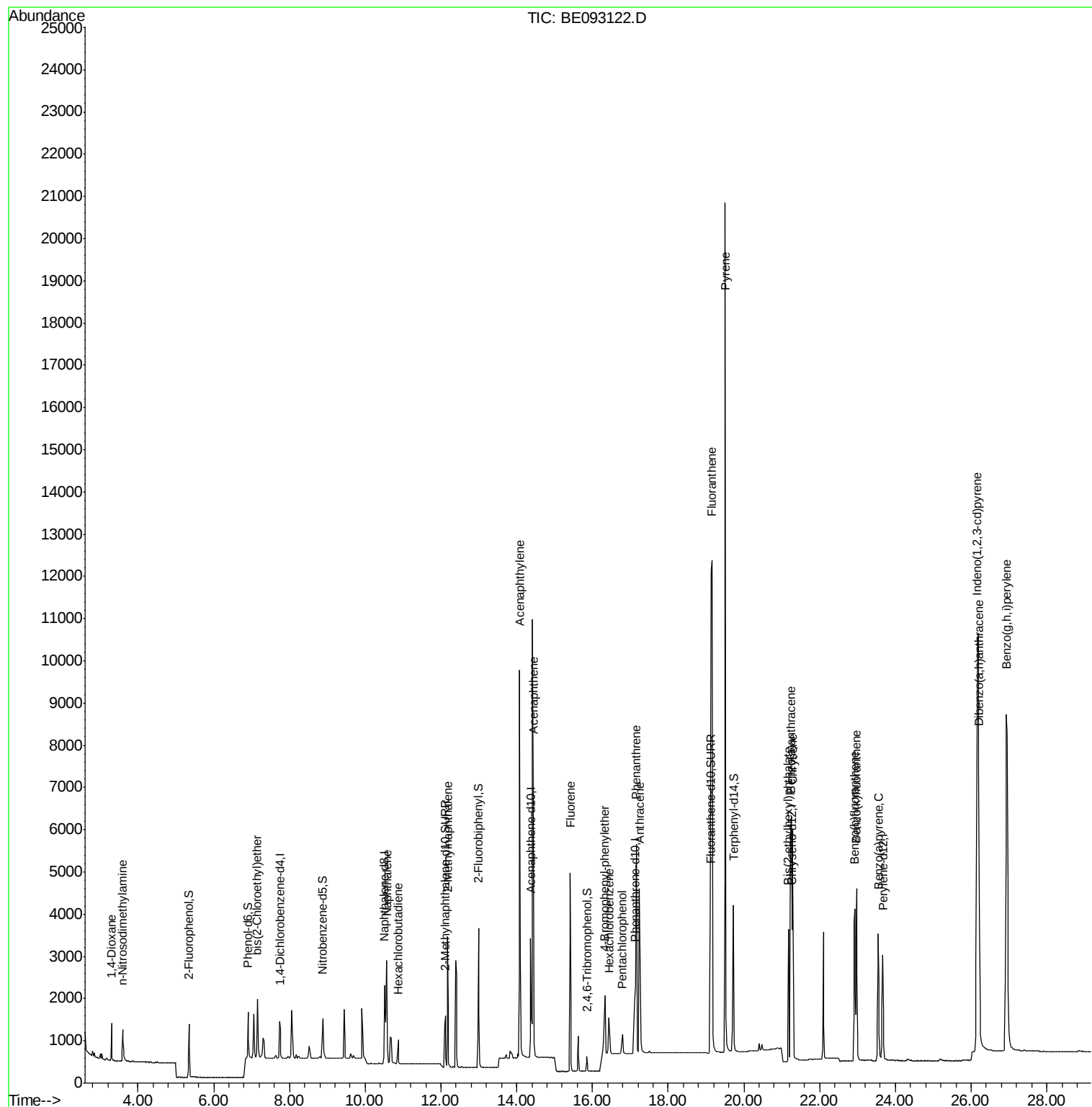
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	602	0.441 ng		97
3) n-Nitrosodimethylamine	3.60	42	548	0.470 ng		99
6) bis(2-Chloroethyl)ether	7.15	93	1064	0.458 ng	#	99
9) Naphthalene	10.56	128	3459	0.427 ng		99
10) Hexachlorobutadiene	10.87	225	468	0.425 ng		100
12) 2-Methylnaphthalene	12.18	142	2200	0.437 ng		96
16) Acenaphthylene	14.08	152	12278	0.422 ng		100
17) Acenaphthene	14.44	154	2335	0.430 ng		96
18) Fluorene	15.41	166	2844	0.435 ng		98
20) 4-Bromophenyl-phenylether	16.33	248	955	0.463 ng	#	81
21) Hexachlorobenzene	16.44	284	772	0.426 ng	#	100
22) Pentachlorophenol	16.79	266	371	0.635 ng	#	87
23) Phenanthrene	17.16	178	6582	0.430 ng		99
24) Anthracene	17.25	178	5353	0.413 ng		99
26) Fluoranthene	19.16	202	23016	0.414 ng	#	99
28) Pyrene	19.51	202	25976	0.453 ng	#	98
30) Benzo(a)anthracene	21.23	228	5700	0.448 ng	#	85
31) Chrysene	21.28	228	5817	0.428 ng	#	85
32) Bis(2-ethylhexyl)phthalate	21.18	149	3032	0.583 ng		97
33) Indeno(1,2,3-cd)pyrene	26.17	276	21060	0.415 ng		99
35) Benzo(b)fluoranthene	22.93	252	5611	0.451 ng		96
36) Benzo(k)fluoranthene	22.97	252	4962	0.414 ng		98
37) Benzo(a)pyrene	23.55	252	4744	0.442 ng		99
38) Dibenzo(a,h)anthracene	26.20	278	4741	0.423 ng	#	93
39) Benzo(g,h,i)perylene	26.93	276	19332	0.427 ng		97

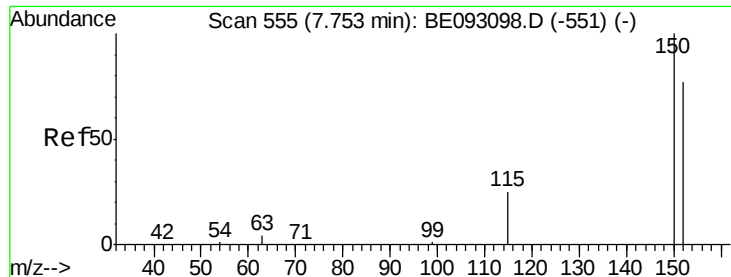
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 12 14:07:54 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.75 min Scan# 555

Delta R.T. -0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

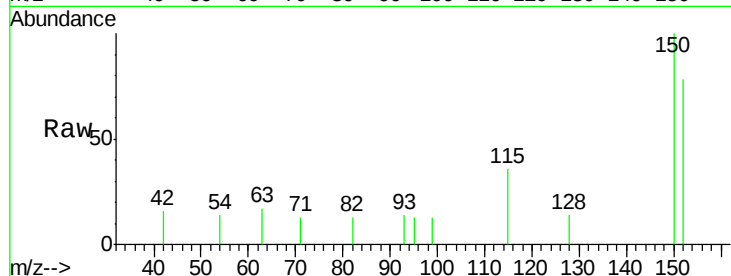
Tgt Ion: 152 Resp: 615

Ion Ratio Lower Upper

152 100

150 128.1 125.1 187.7

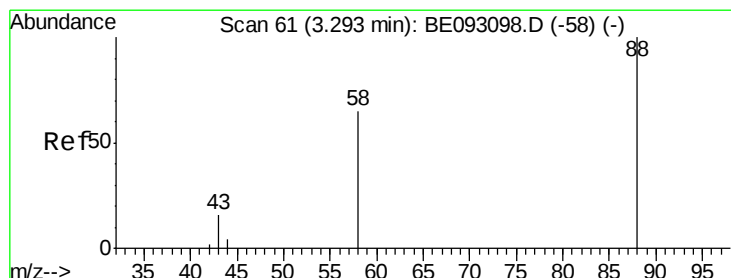
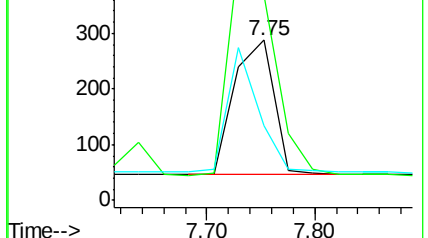
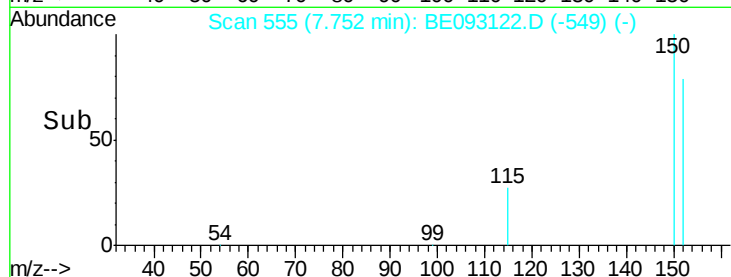
115 46.2 55.7 83.5#



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: 0.441 ng

RT: 3.29 min Scan# 61

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

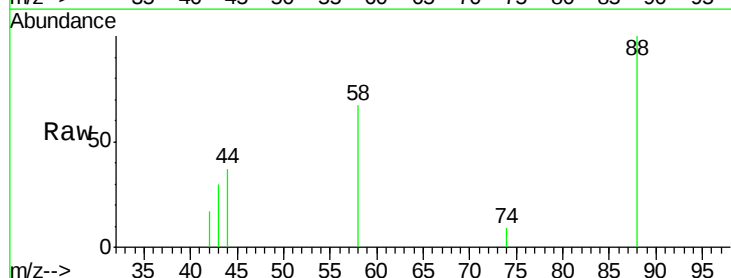
Tgt Ion: 88 Resp: 602

Ion Ratio Lower Upper

88 100

58 78.7 62.2 93.4

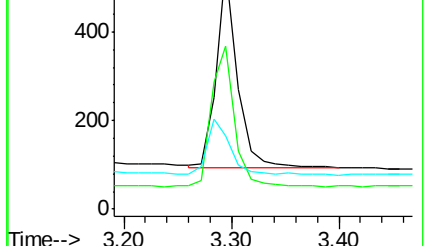
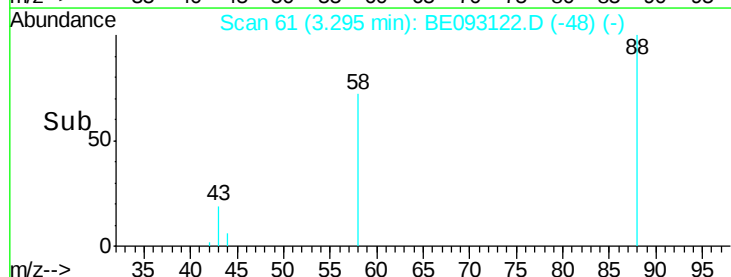
43 32.7 23.2 34.8

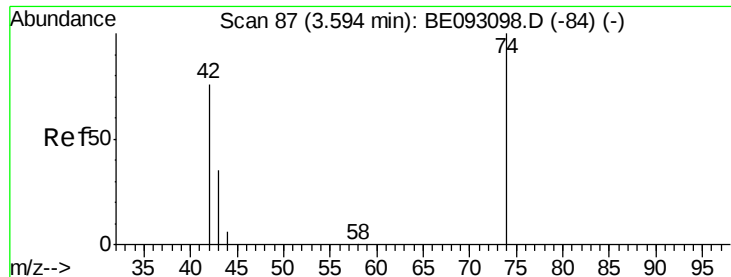


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



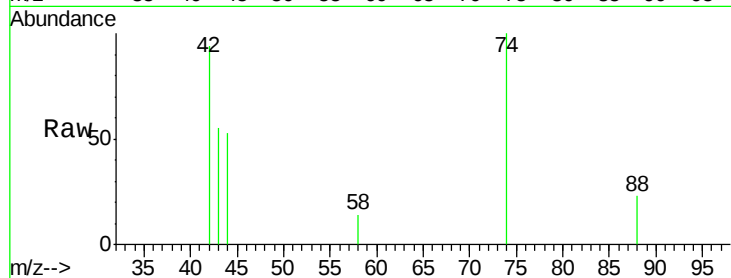


#3

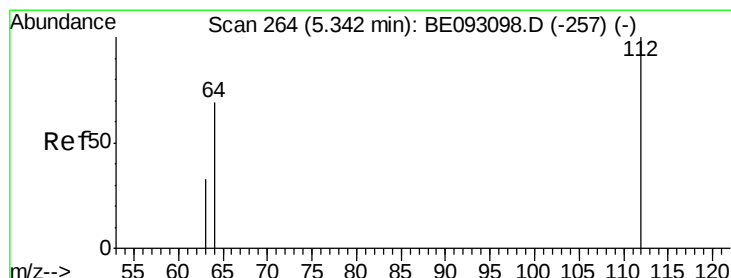
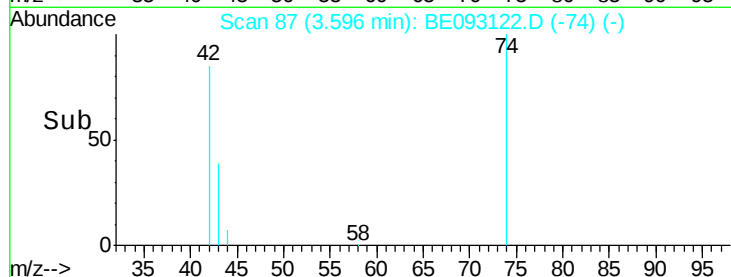
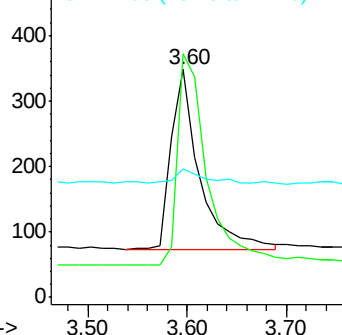
n-Nitrosodimethylamine
 Concen: 0.470 ng
 RT: 3.60 min Scan# 87
 Delta R.T. 0.00 min
 Lab File: BE093122.D
 Acq: 13 Jun 2017 3:44

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion: 42 Resp: 548
 Ion Ratio Lower Upper
 42 100
 74 122.6 99.1 148.7
 44 9.7 7.4 11.2



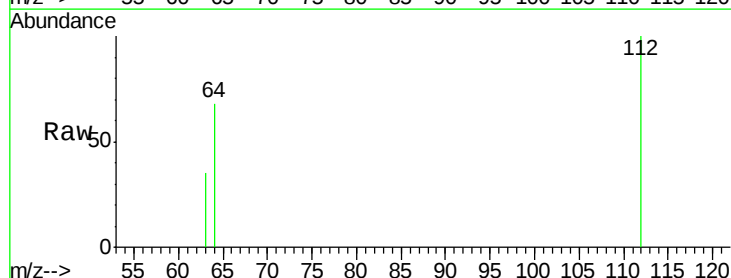
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



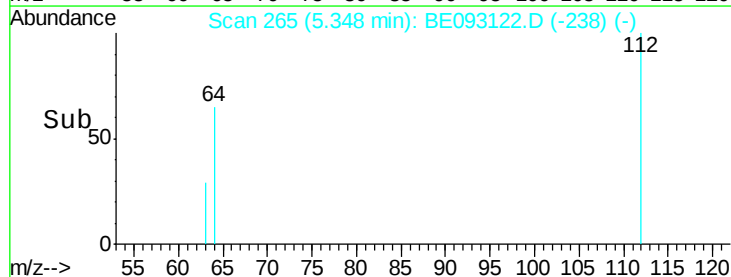
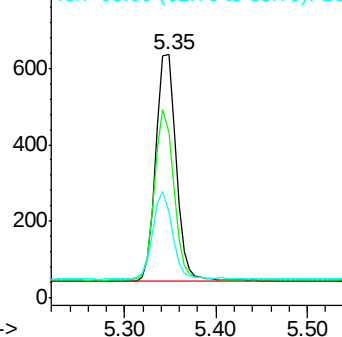
#4

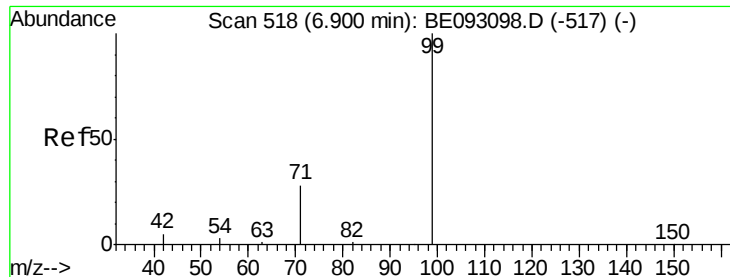
2-Fluorophenol
 Concen: 0.506 ng
 RT: 5.35 min Scan# 265
 Delta R.T. 0.01 min
 Lab File: BE093122.D
 Acq: 13 Jun 2017 3:44

Tgt Ion: 112 Resp: 919
 Ion Ratio Lower Upper
 112 100
 64 71.9 56.4 84.6
 63 36.2 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: 0.477 ng

RT: 6.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

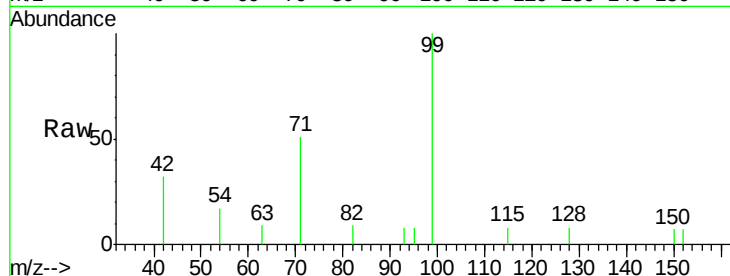
Tgt Ion: 99 Resp: 1267

Ion Ratio Lower Upper

99 100

42 21.1 0.0 0.0#

71 37.5 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

6.90

800

600

400

200

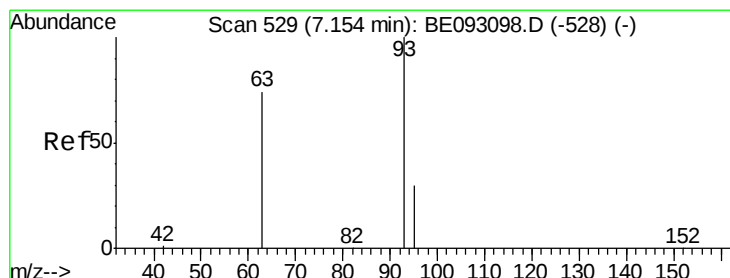
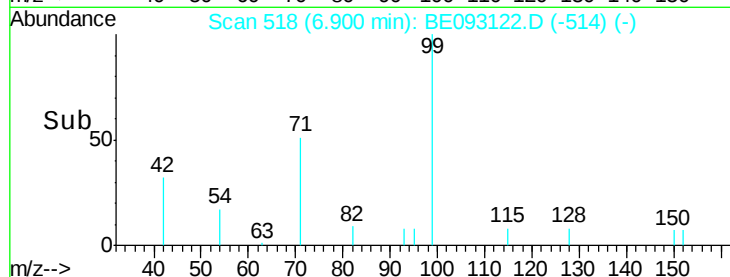
0

6.80

6.90

7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.458 ng

RT: 7.15 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

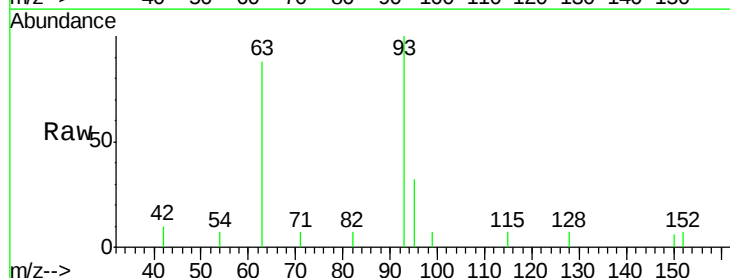
Tgt Ion: 93 Resp: 1064

Ion Ratio Lower Upper

93 100

63 88.2 0.0 0.0#

95 31.4 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

7.15

1000

500

0

7.05

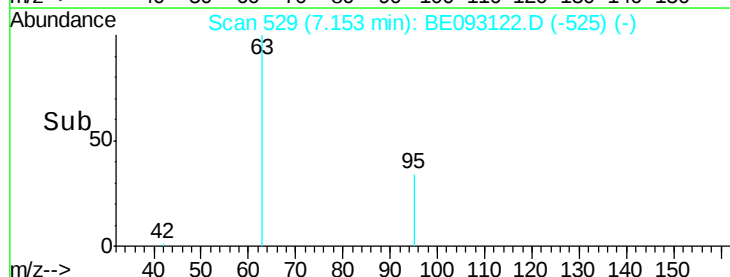
7.10

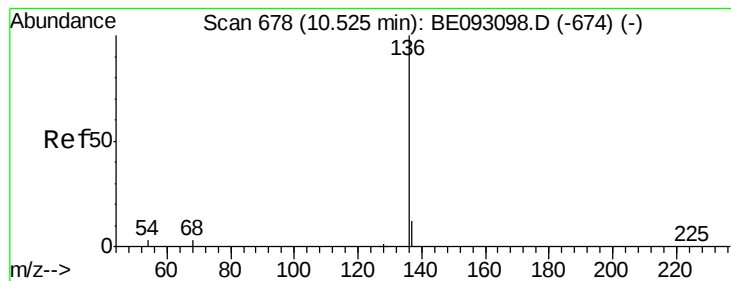
7.15

7.20

7.25

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.51 min Scan# 677

Delta R.T. -0.02 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 3022

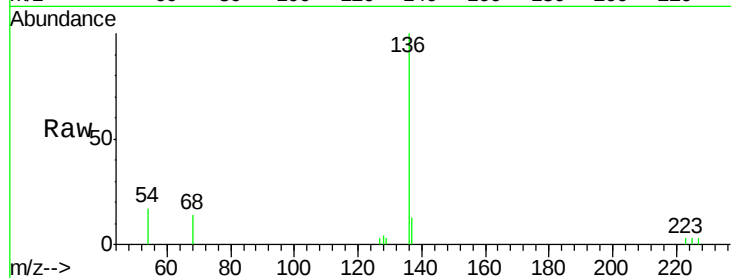
Ion Ratio Lower Upper

136 100

137 12.7 9.8 14.8

54 17.0 10.3 15.5#

68 14.4 9.0 13.4#

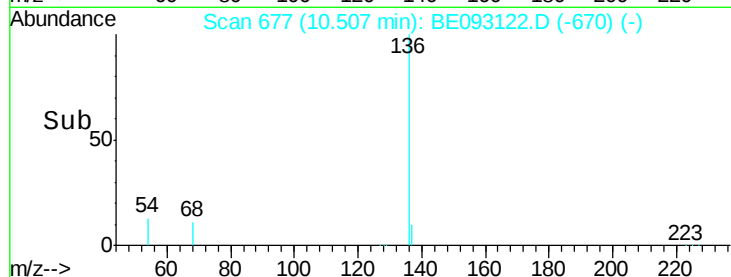


Abundance Ion 136.00 (135.70 to 136.70): E

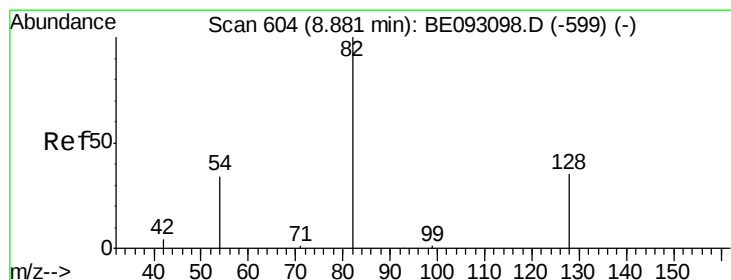
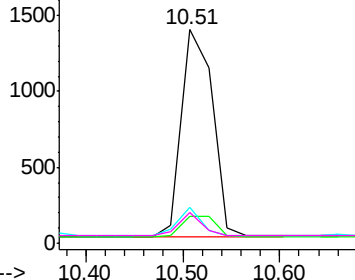
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.470 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

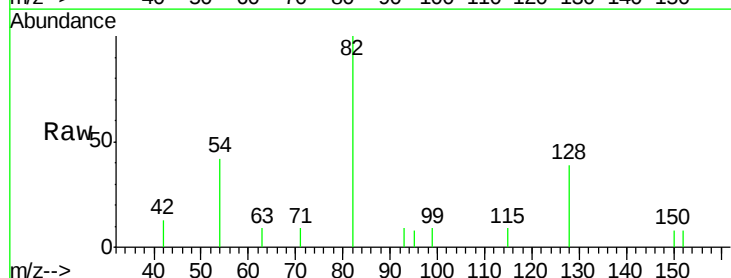
Tgt Ion: 82 Resp: 1135

Ion Ratio Lower Upper

82 100

128 39.2 17.0 25.4#

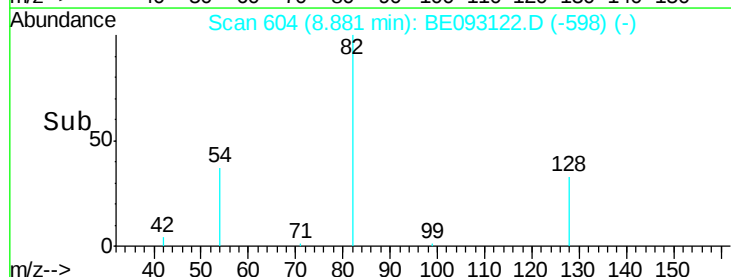
54 41.8 53.8 80.6#



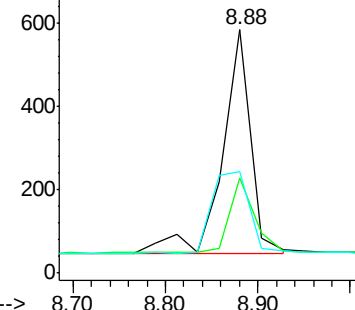
Abundance Ion 82.00 (81.70 to 82.70): BE0

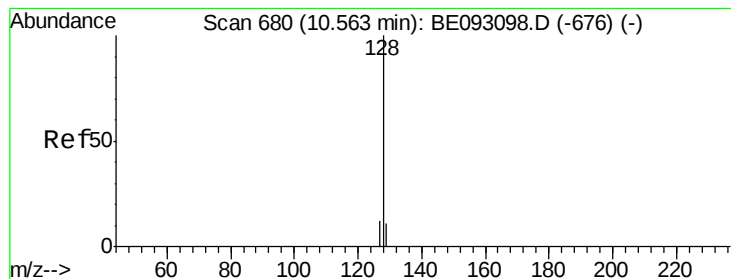
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->





#9

Naphthalene

Concen: 0.427 ng

RT: 10.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

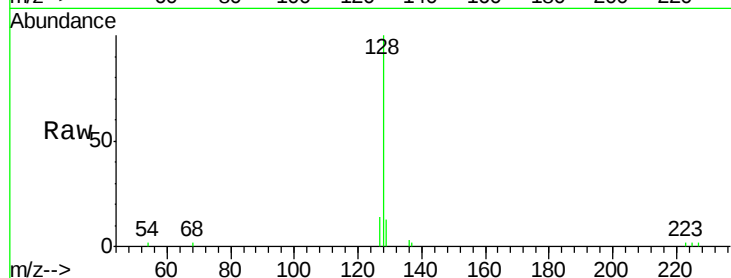
Tgt Ion:128 Resp: 3459

Ion Ratio Lower Upper

128 100

129 13.2 11.4 17.0

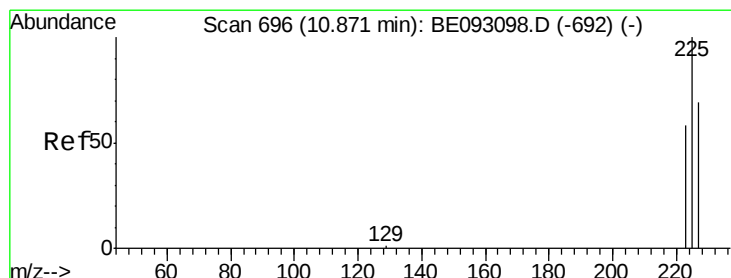
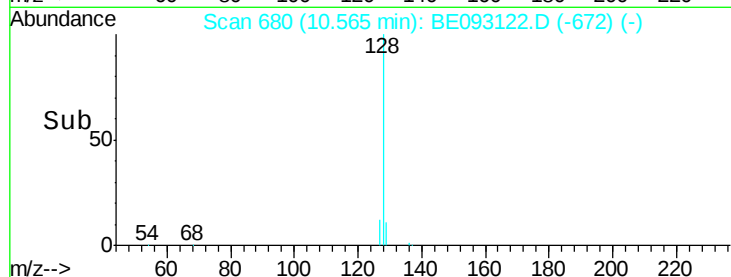
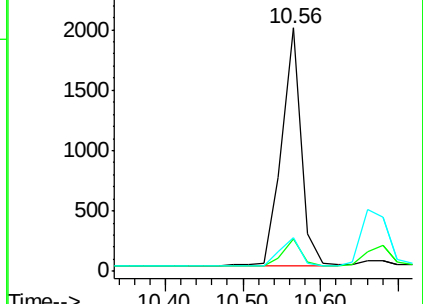
127 13.9 11.2 16.8



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: 0.425 ng

RT: 10.87 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

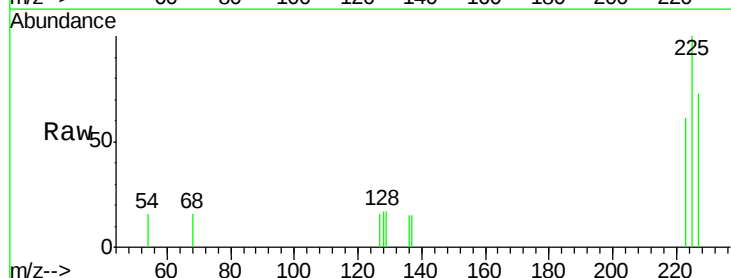
Tgt Ion:225 Resp: 468

Ion Ratio Lower Upper

225 100

223 62.2 49.7 74.5

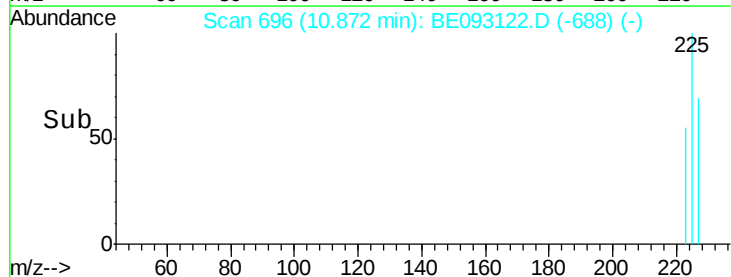
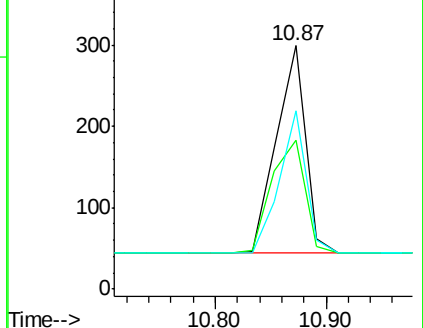
227 63.0 50.3 75.5

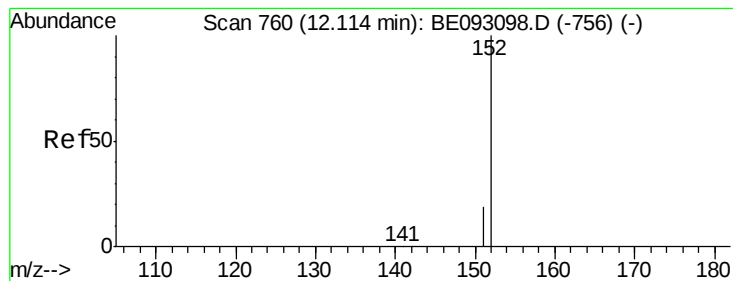


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.440 ng

RT: 12.11 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

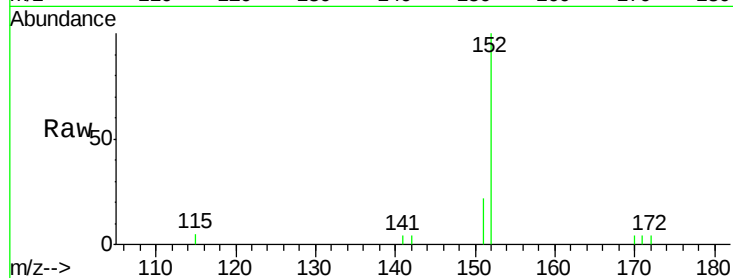
SSTDCCC0.4

Tgt Ion:152 Resp: 1999

Ion Ratio Lower Upper

152 100

151 19.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.11

1200

1000

800

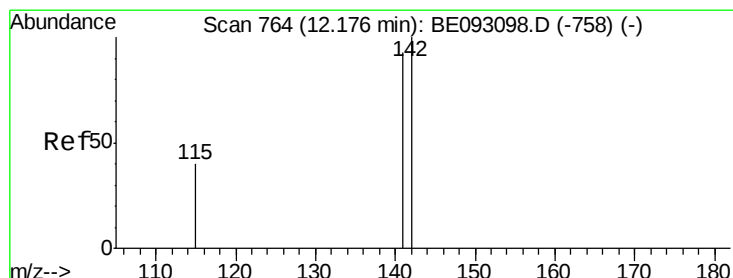
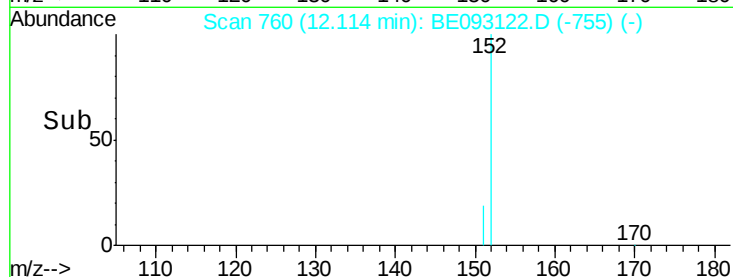
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.437 ng

RT: 12.18 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

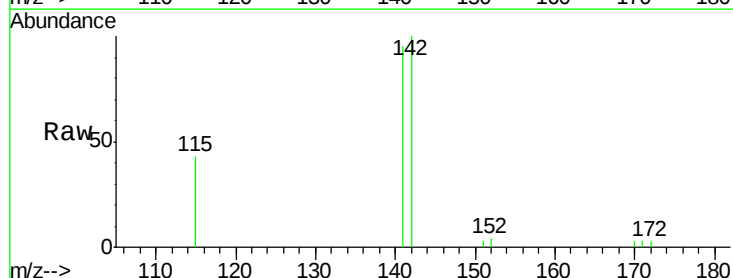
Tgt Ion:142 Resp: 2200

Ion Ratio Lower Upper

142 100

141 94.9 72.6 108.8

115 42.9 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

12.18

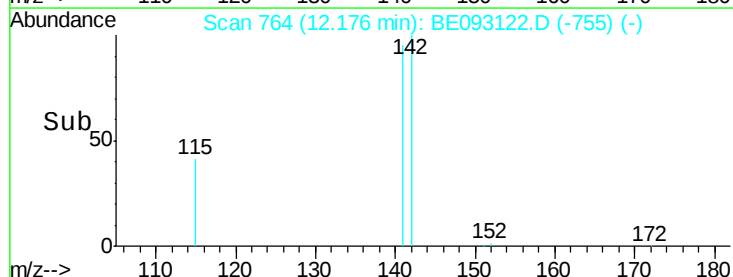
1500

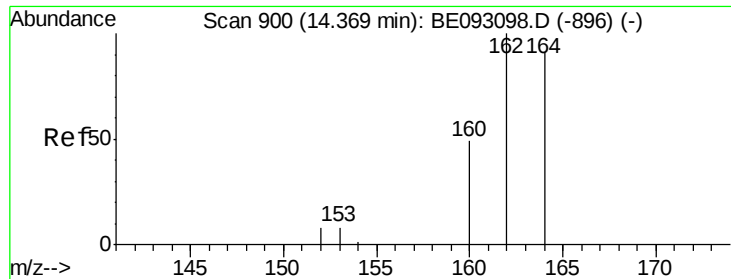
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

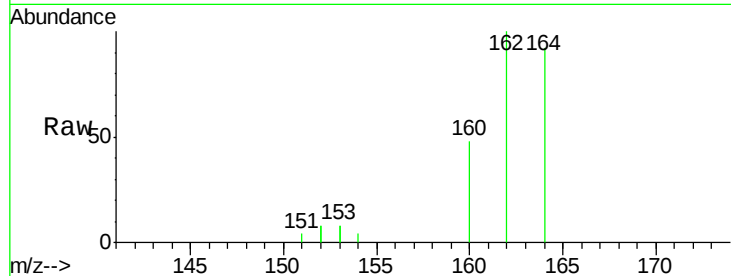
Tgt Ion:164 Resp: 1673

Ion Ratio Lower Upper

164 100

162 108.3 84.6 127.0

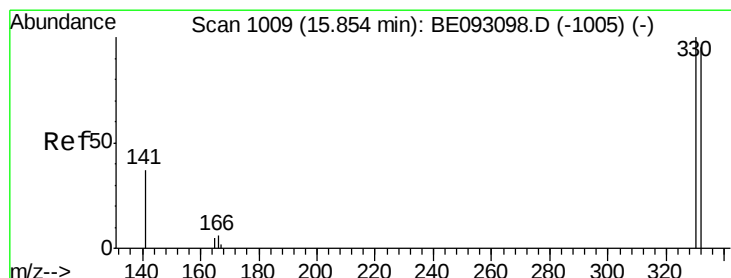
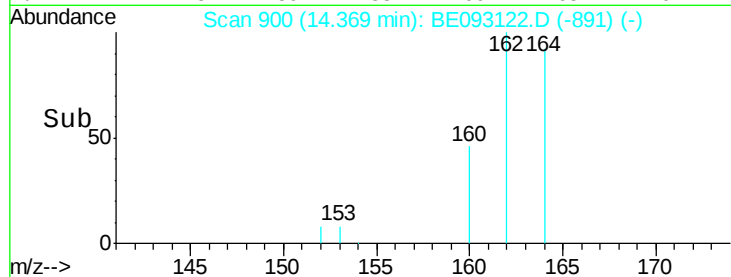
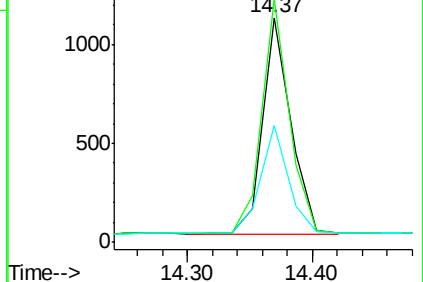
160 52.1 41.8 62.6



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: 0.564 ng

RT: 15.85 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

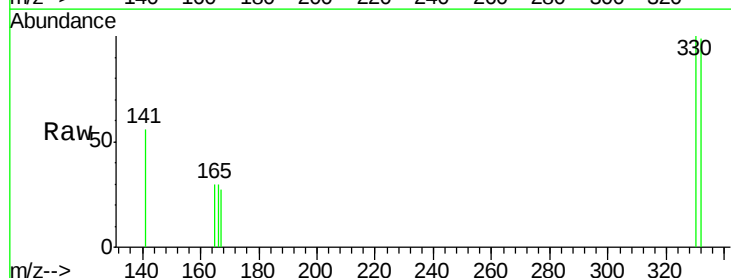
Tgt Ion:330 Resp: 215

Ion Ratio Lower Upper

330 100

332 97.7 77.7 116.5

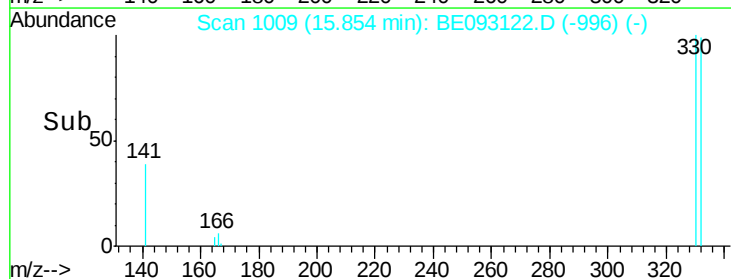
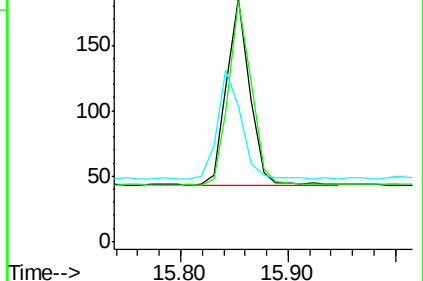
141 59.5 56.2 84.4

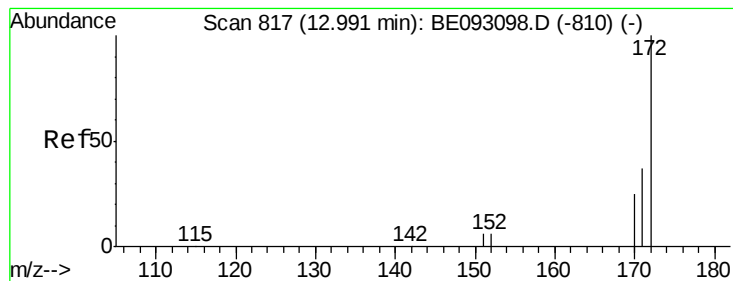


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

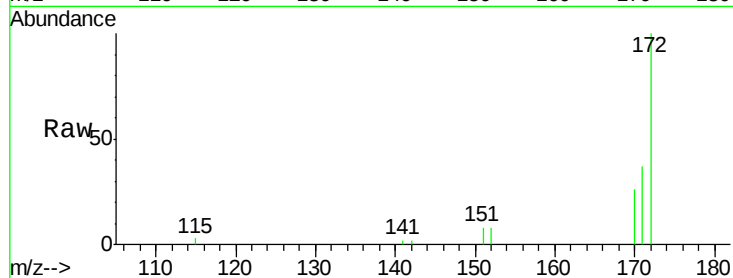




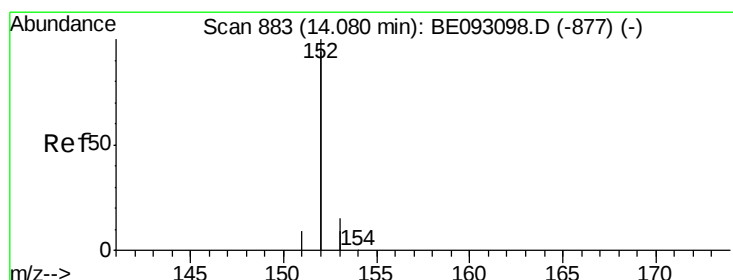
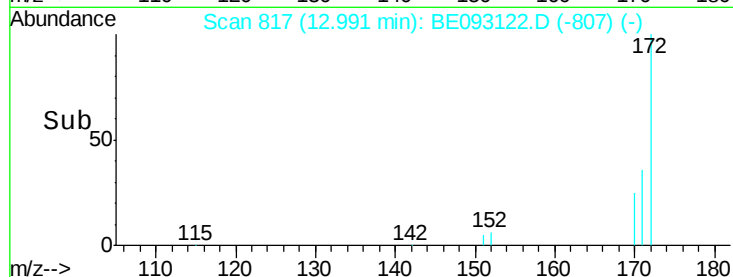
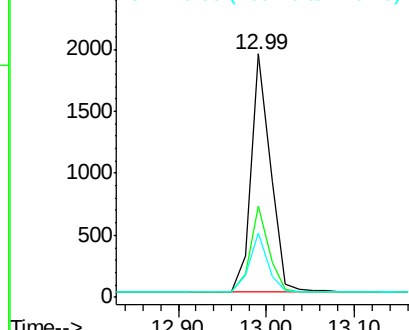
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 2953
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.6
170 26.4 20.7 31.1

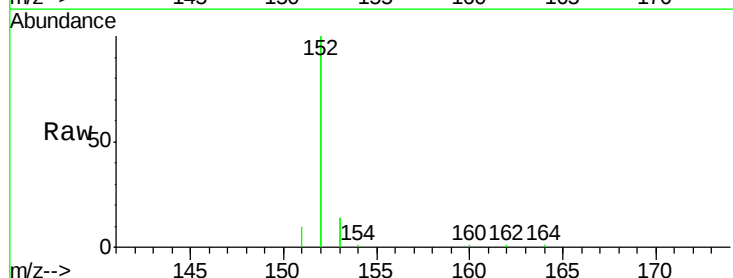


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

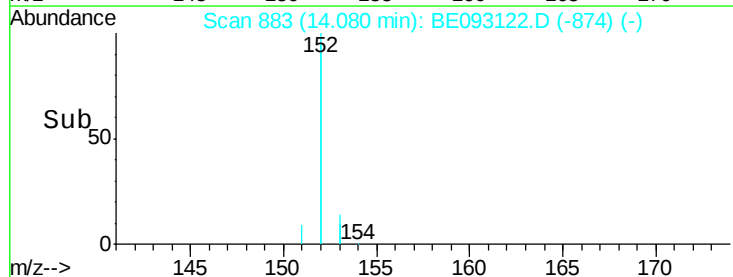
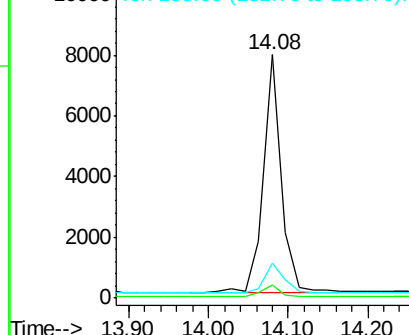


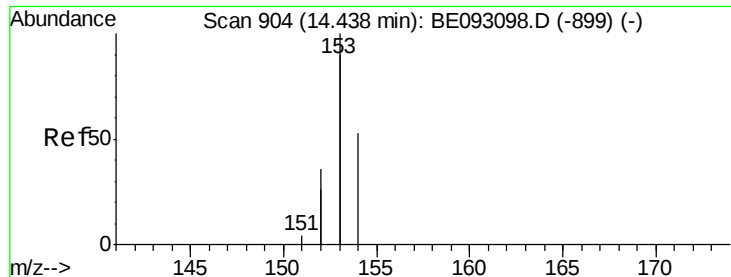
#16
Acenaphthylene
Concen: 0.422 ng
RT: 14.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion:152 Resp: 12278
Ion Ratio Lower Upper
152 100
151 4.9 4.0 6.0
153 13.0 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

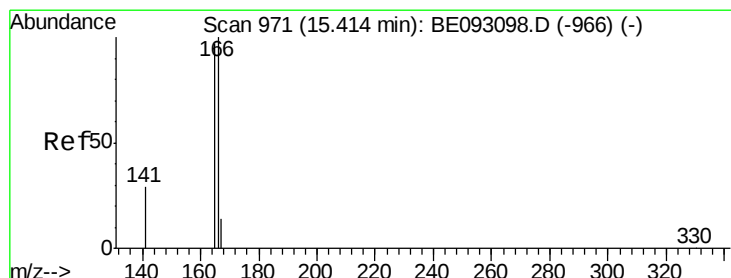
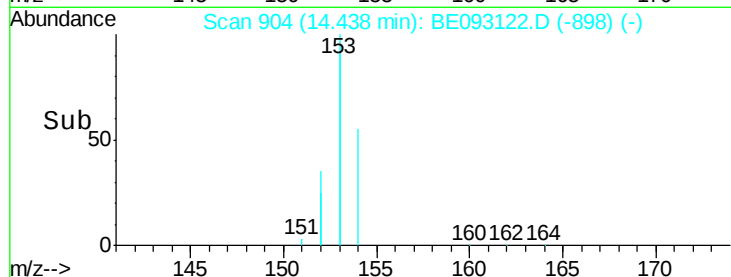
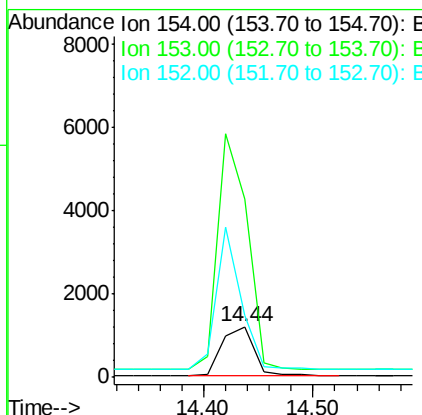
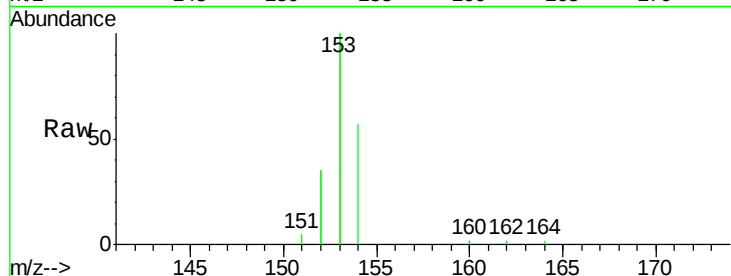




#17
Acenaphthene
Concen: 0.430 ng
RT: 14.44 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

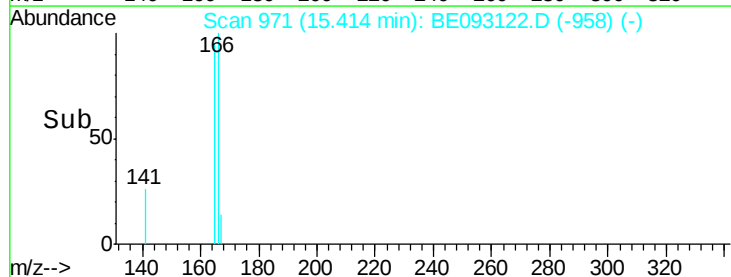
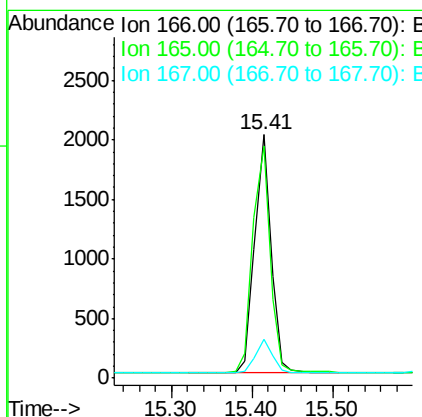
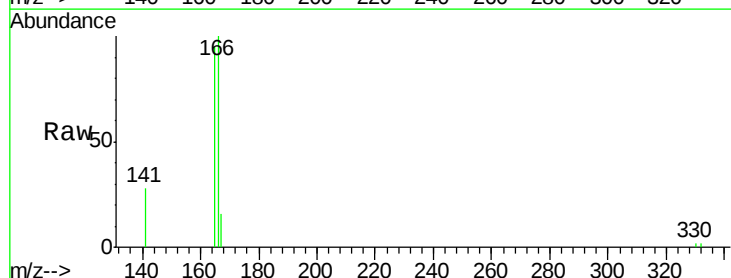
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

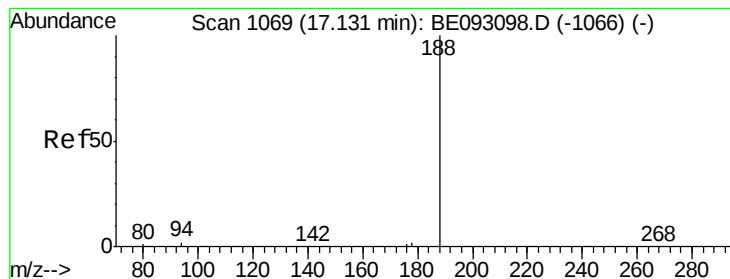
Tgt Ion:154 Resp: 2335
Ion Ratio Lower Upper
154 100
153 449.7 367.8 551.6
152 227.3 188.2 282.2



#18
Fluorene
Concen: 0.435 ng
RT: 15.41 min Scan# 971
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion:166 Resp: 2844
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: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

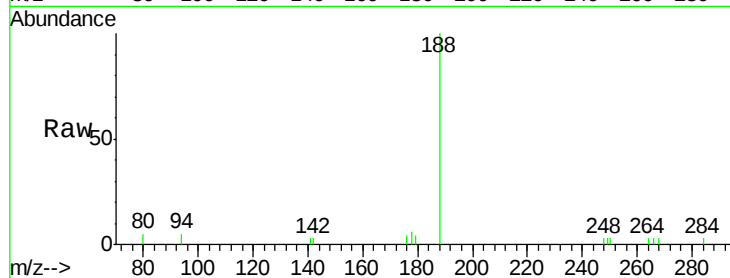
Tgt Ion:188 Resp: 3385

Ion Ratio Lower Upper

188 100

94 5.1 11.3 16.9#

80 4.9 11.7 17.5#

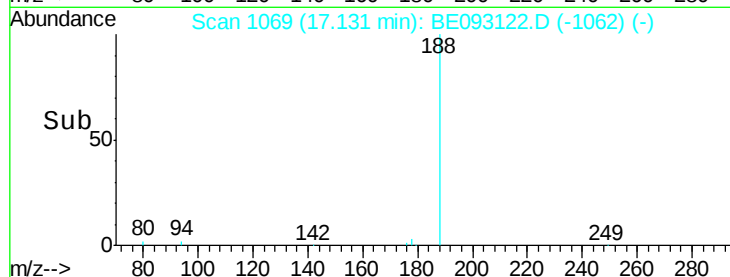


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

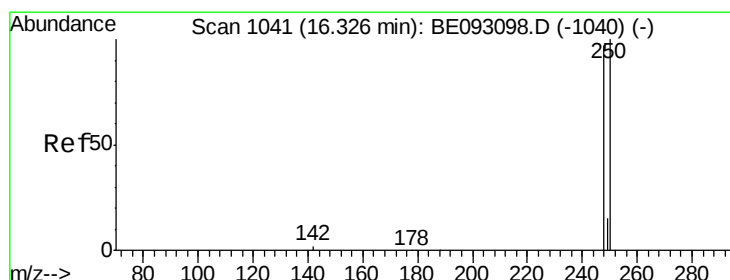
Ion 80.00 (79.70 to 80.70): BE0

Time-->



17.13

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.463 ng

RT: 16.33 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

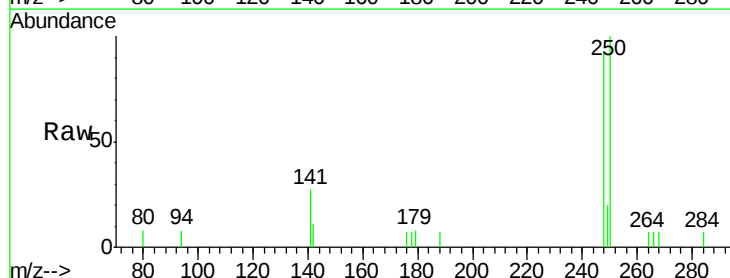
Tgt Ion:248 Resp: 955

Ion Ratio Lower Upper

248 100

250 107.8 100.0 150.0

141 29.4 40.0 60.0#

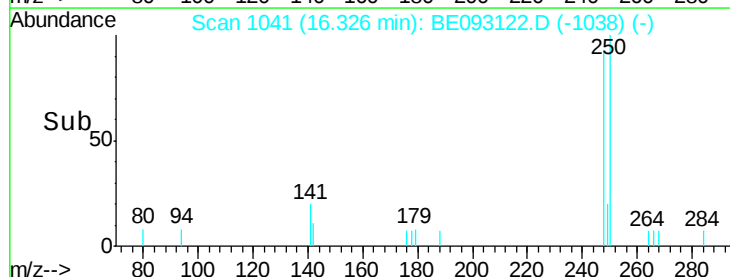


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

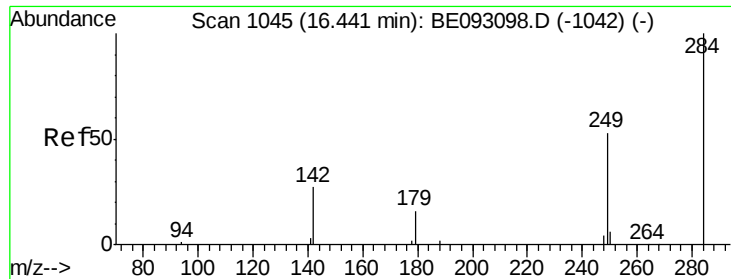
Ion 141.00 (140.70 to 141.70): E

Time-->



16.33

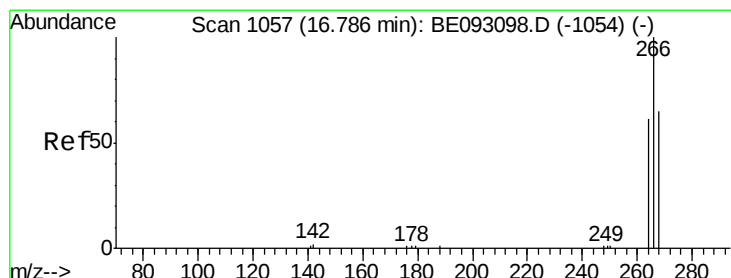
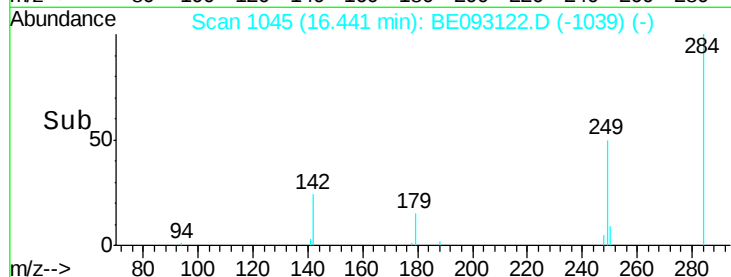
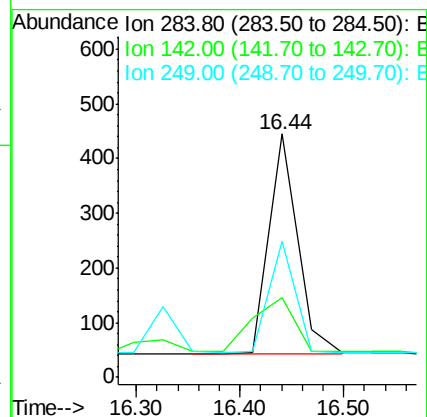
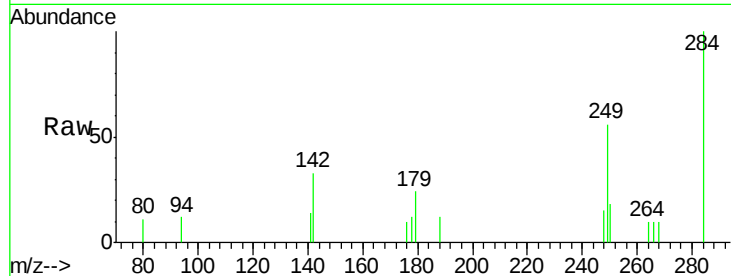
Time-->



#21
Hexachlorobenzene
Concen: 0.426 ng
RT: 16.44 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

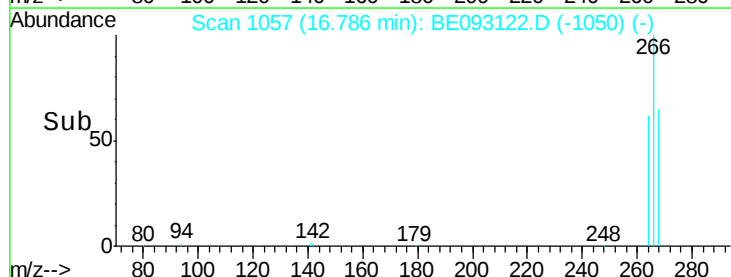
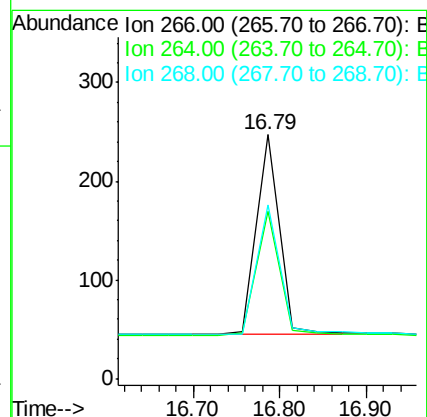
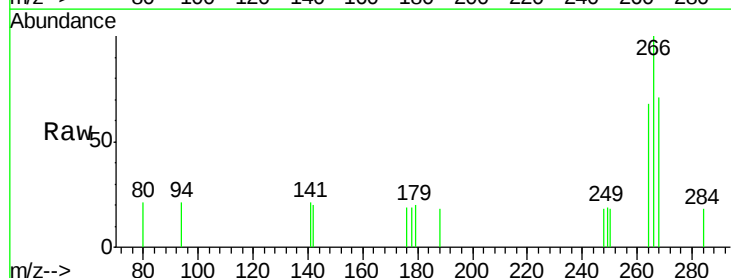
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

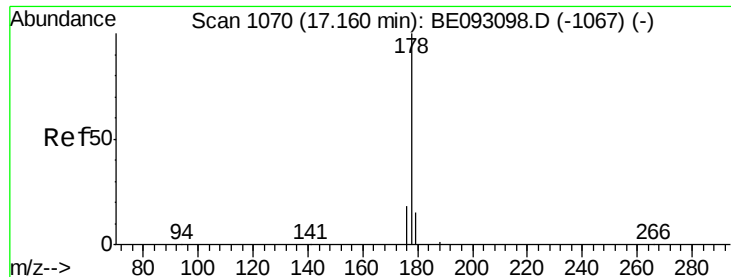
Tgt Ion: 284 Resp: 772
Ion Ratio Lower Upper
284 100
142 36.3 0.0 0.0#
249 45.9 0.0 0.0#



#22
Pentachlorophenol
Concen: 0.635 ng
RT: 16.79 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion: 266 Resp: 371
Ion Ratio Lower Upper
266 100
264 68.4 58.2 87.2
268 71.3 71.9 107.9#





#23

Phenanthrene

Concen: 0.430 ng

RT: 17.16 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

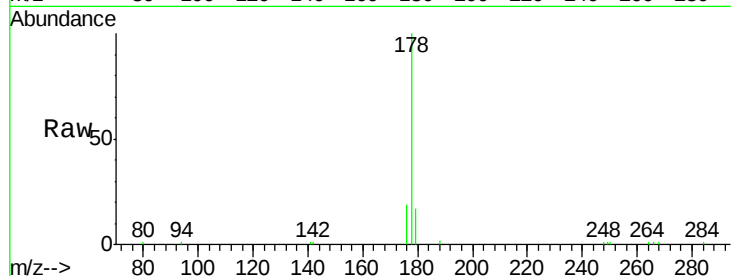
Tgt Ion:178 Resp: 6582

Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.4

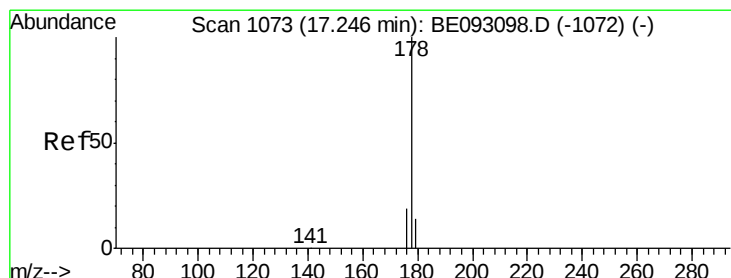
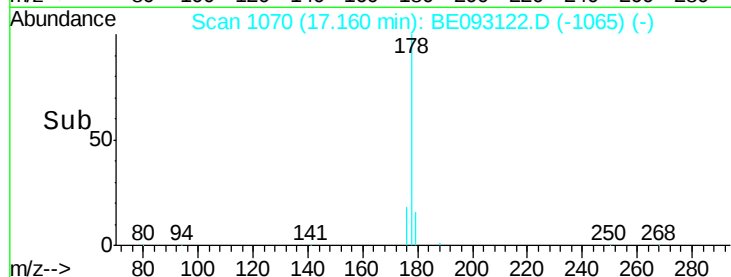
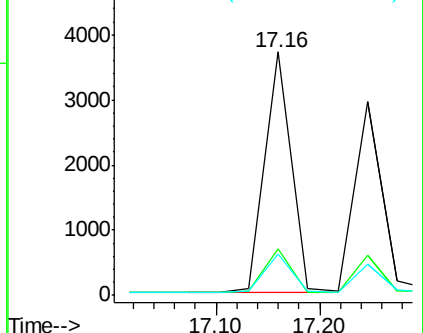
179 15.6 12.7 19.1



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: 0.413 ng

RT: 17.25 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

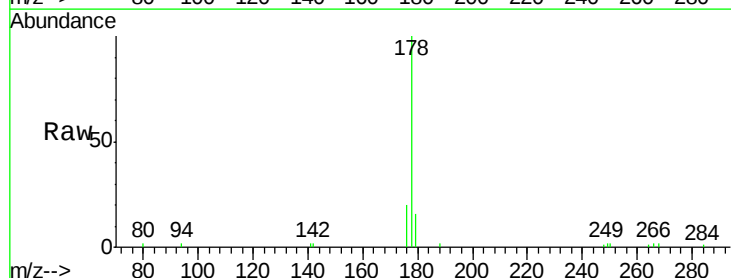
Tgt Ion:178 Resp: 5353

Ion Ratio Lower Upper

178 100

176 18.9 14.6 22.0

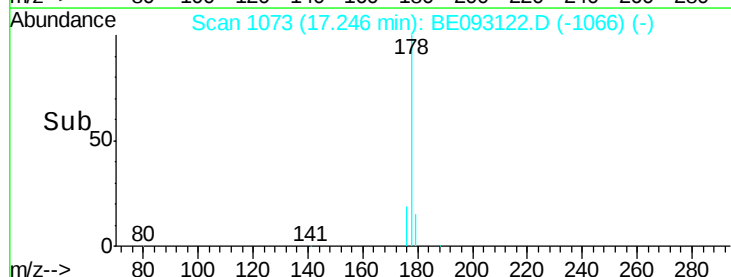
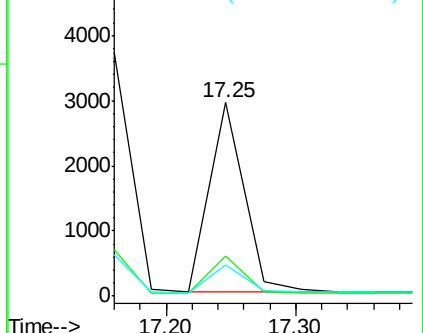
179 14.8 12.0 18.0

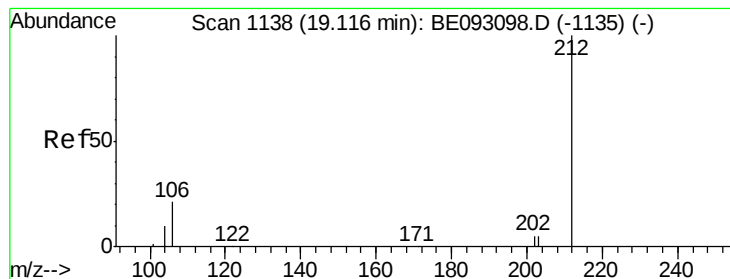


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.434 ng

RT: 19.12 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

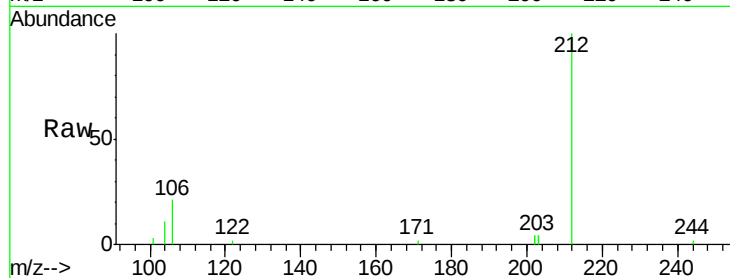
Tgt Ion: 212 Resp: 4842

Ion Ratio Lower Upper

212 100

106 17.0 0.0 0.0#

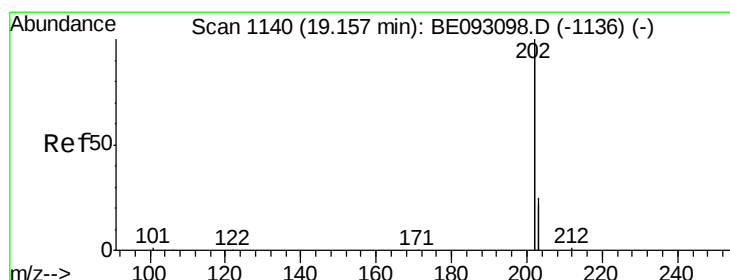
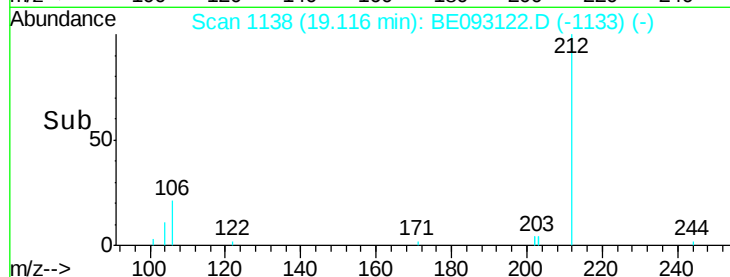
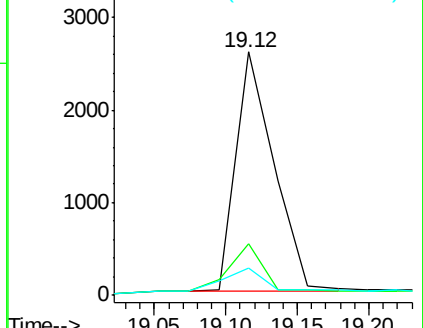
104 9.2 0.0 0.0#



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: 0.414 ng

RT: 19.16 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

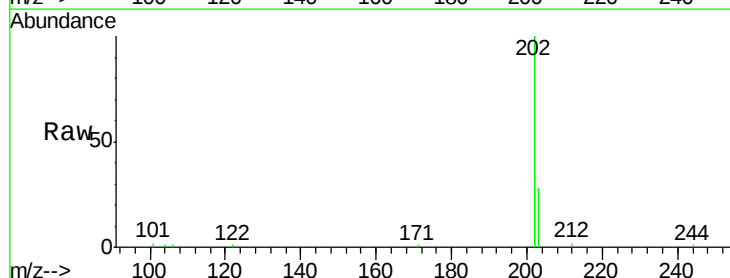
Tgt Ion: 202 Resp: 23016

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

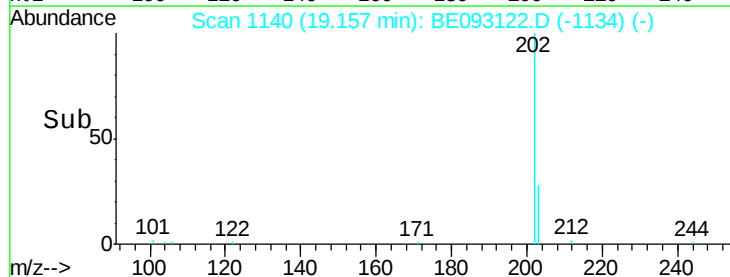
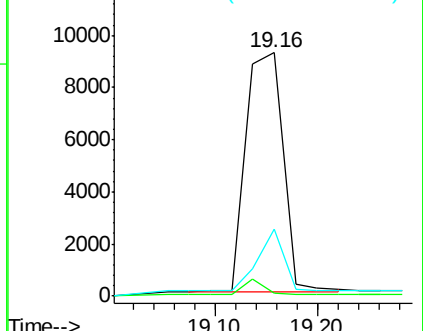
203 18.6 14.4 21.6

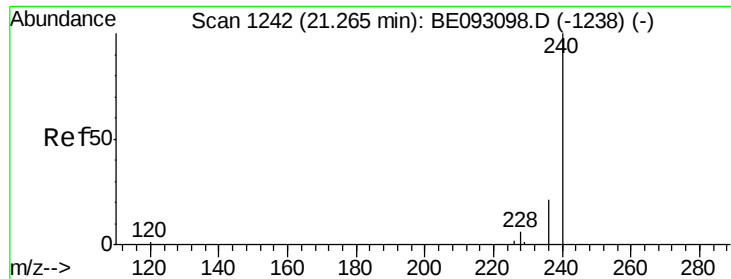


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

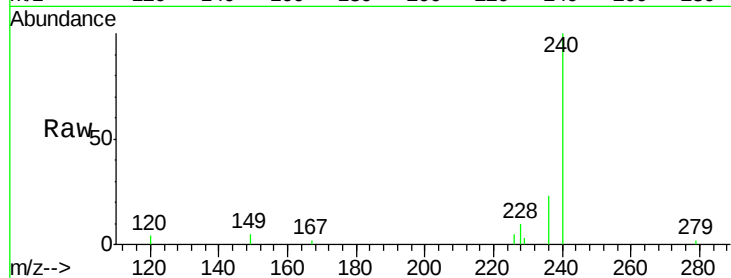




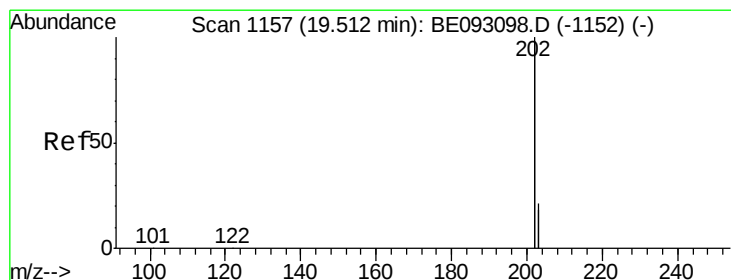
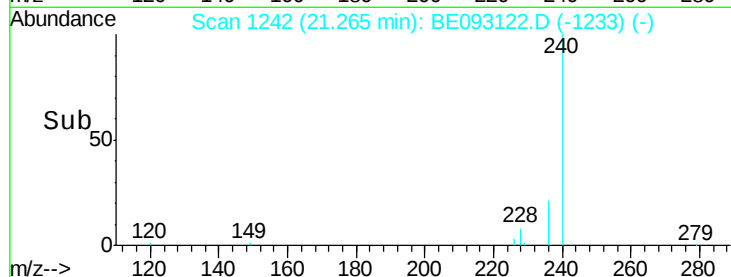
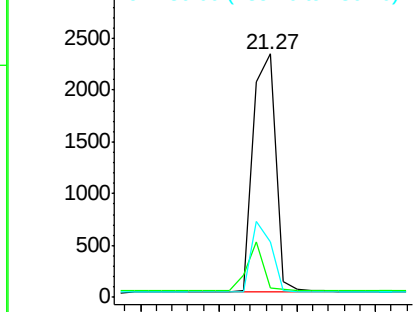
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 240 Resp: 4711
Ion Ratio Lower Upper
240 100
120 4.0 4.6 7.0#
236 22.9 20.8 31.2

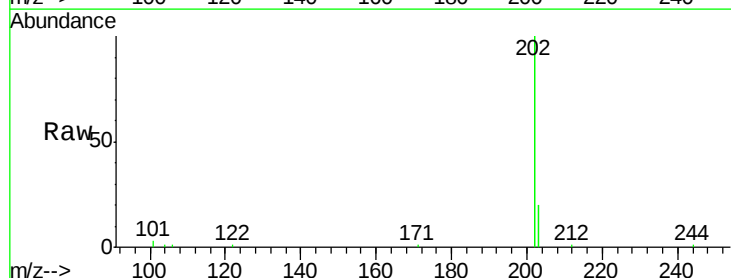


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

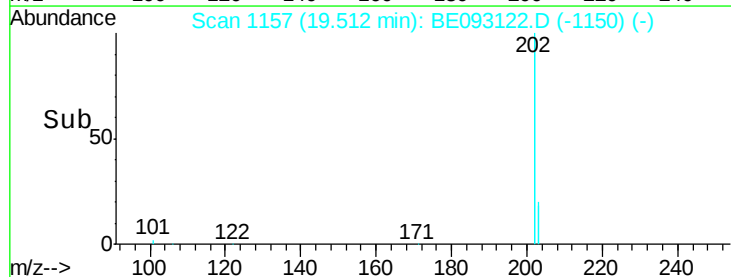
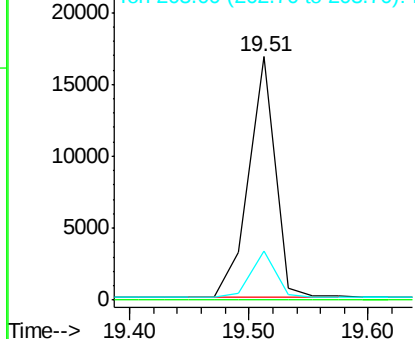


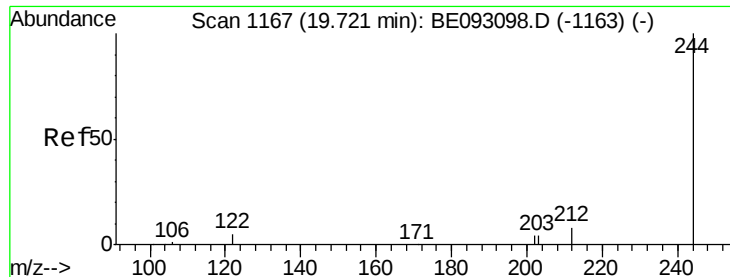
#28
Pyrene
Concen: 0.453 ng
RT: 19.51 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BE093122.D
Acq: 13 Jun 2017 3:44

Tgt Ion: 202 Resp: 25976
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 17.9 13.7 20.5



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





#29

Terphenyl-d14

Concen: 0.449 ng

RT: 19.72 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

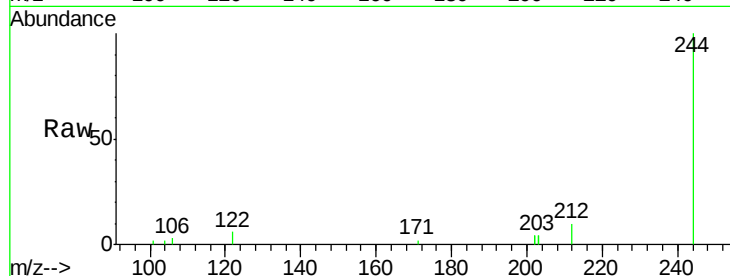
Tgt Ion:244 Resp: 4084

Ion Ratio Lower Upper

244 100

212 9.8 10.6 16.0#

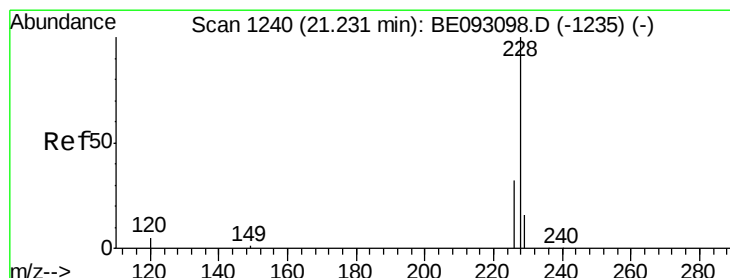
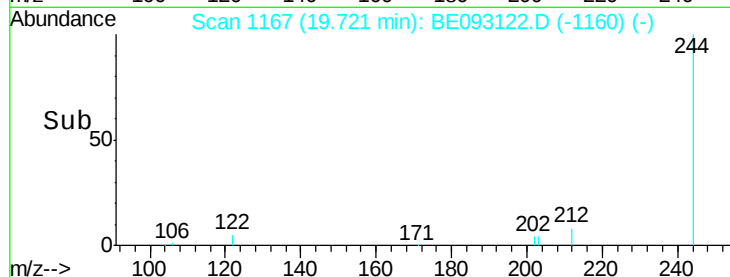
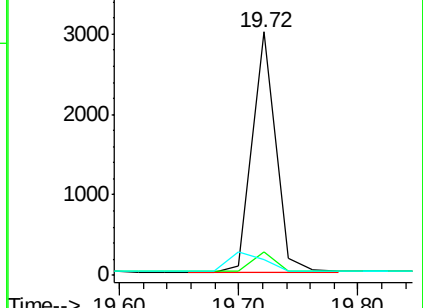
122 6.3 15.4 23.0#



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: 0.448 ng

RT: 21.23 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

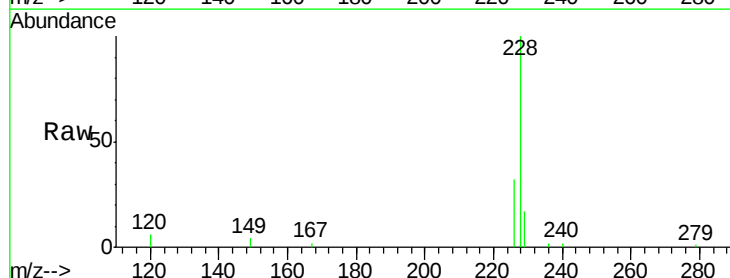
Tgt Ion:228 Resp: 5700

Ion Ratio Lower Upper

228 100

226 32.5 19.7 29.5#

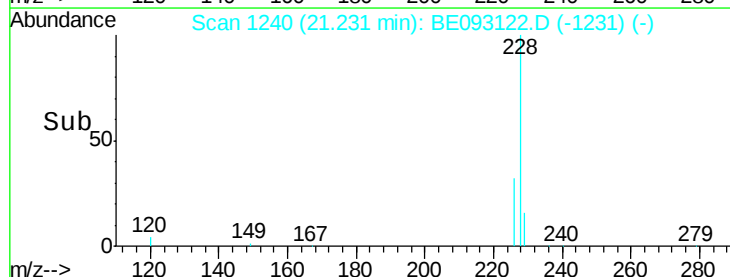
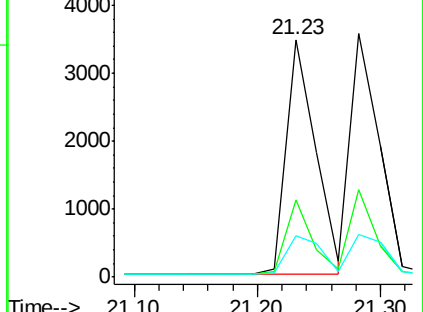
229 17.3 19.2 28.8#

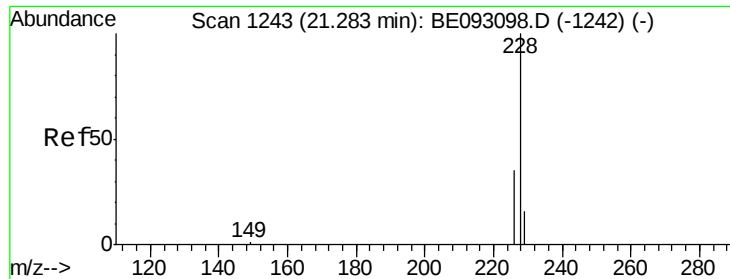


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.428 ng

RT: 21.28 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

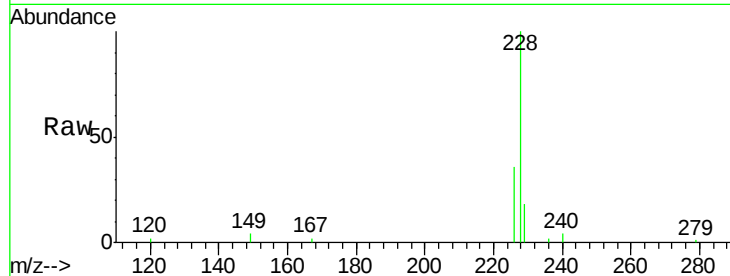
Tgt Ion:228 Resp: 5817

Ion Ratio Lower Upper

228 100

226 35.8 21.5 32.3#

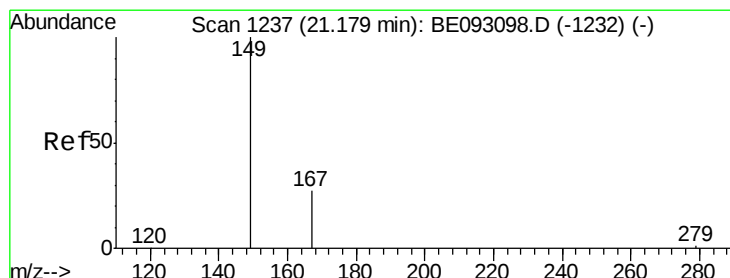
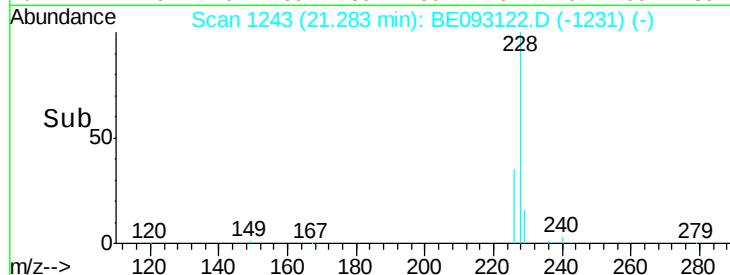
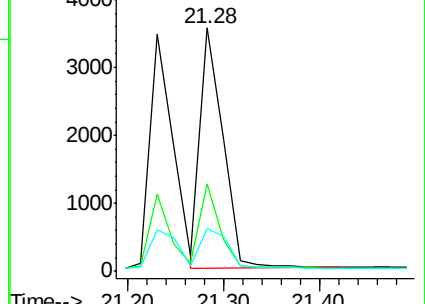
229 17.6 18.6 28.0#



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: 0.583 ng

RT: 21.18 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

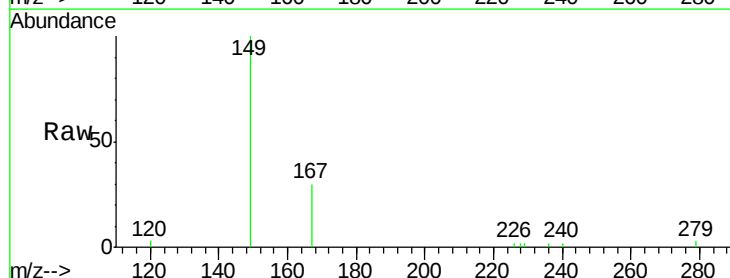
Tgt Ion:149 Resp: 3032

Ion Ratio Lower Upper

149 100

167 26.6 20.1 30.1

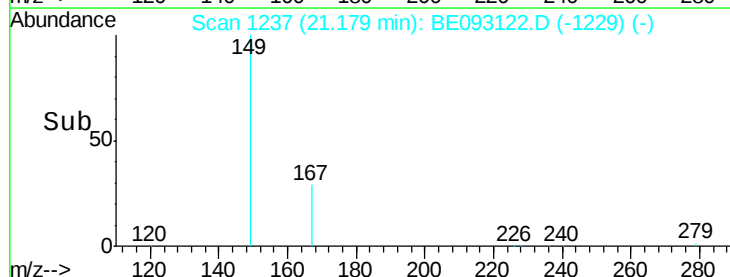
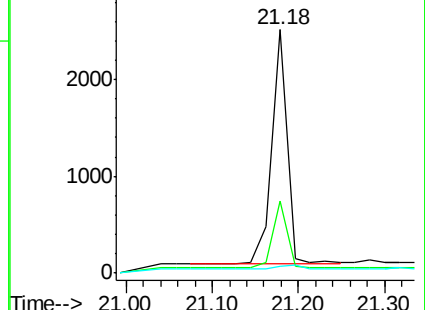
279 2.5 2.2 3.4

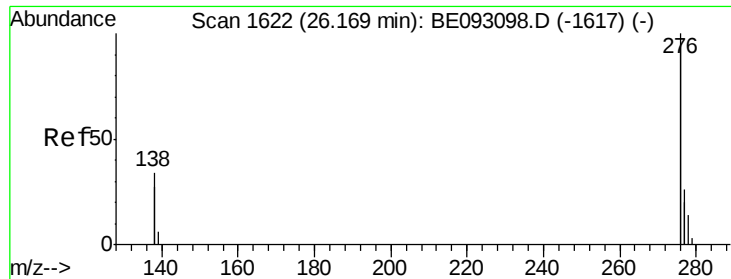


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.415 ng

RT: 26.17 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

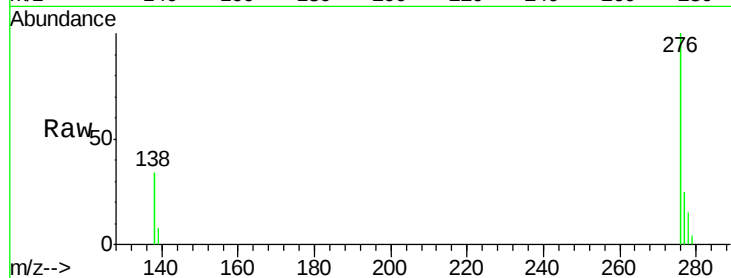
Tgt Ion:276 Resp: 21060

Ion Ratio Lower Upper

276 100

138 33.1 27.4 41.2

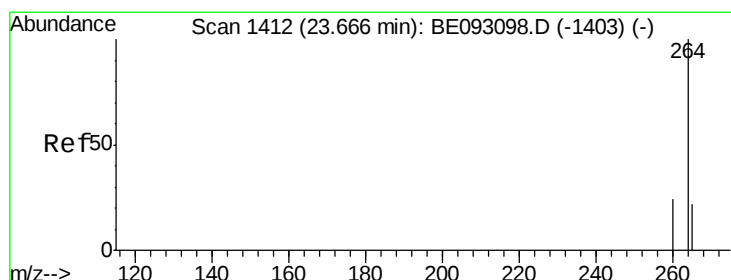
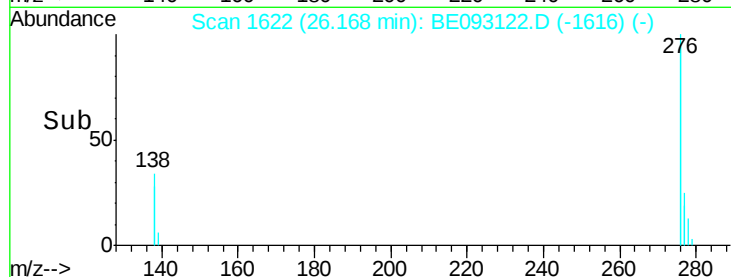
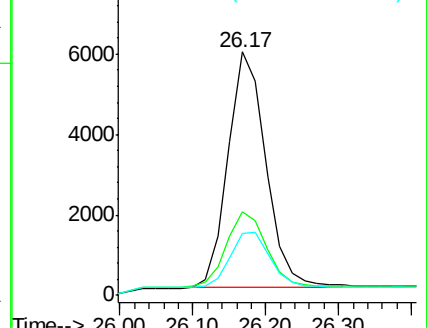
277 25.2 20.1 30.1



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: BE093122.D

Acq: 13 Jun 2017 3:44

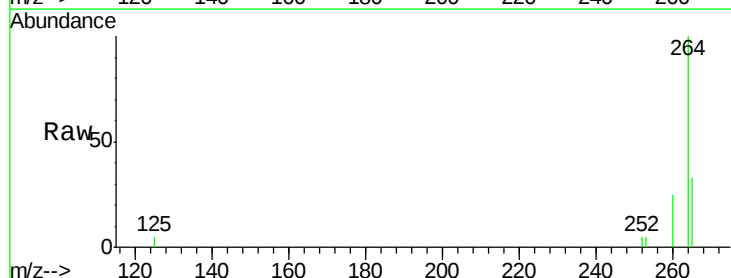
Tgt Ion:264 Resp: 3868

Ion Ratio Lower Upper

264 100

260 25.3 21.0 31.4

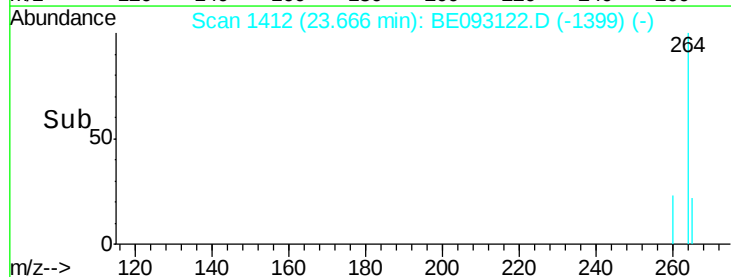
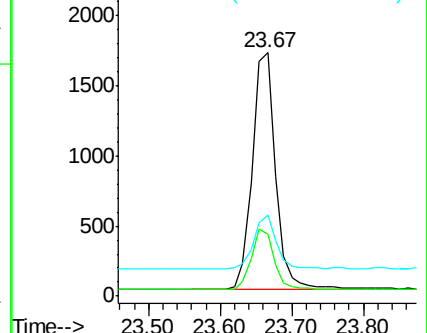
265 33.1 24.6 36.8

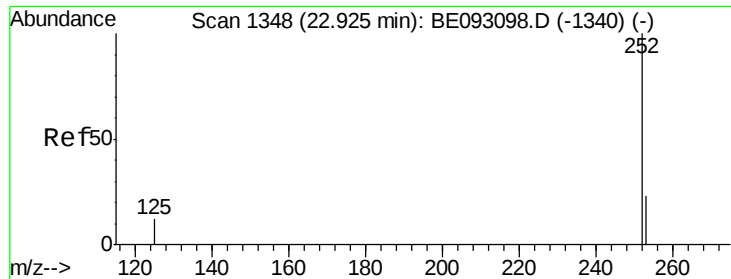


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.451 ng

RT: 22.93 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

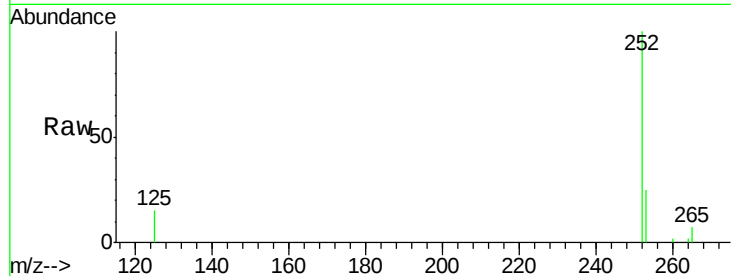
Tgt Ion:252 Resp: 5611

Ion Ratio Lower Upper

252 100

253 24.7 18.5 27.7

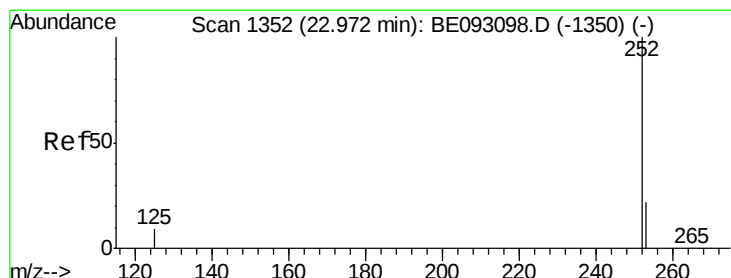
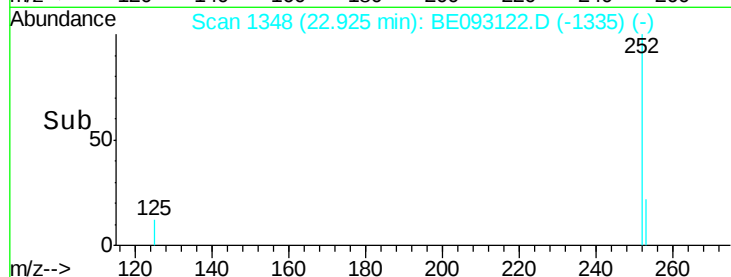
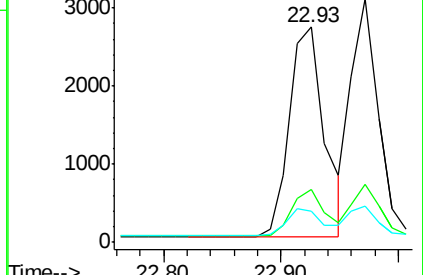
125 14.5 13.4 20.0



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: 0.414 ng

RT: 22.97 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

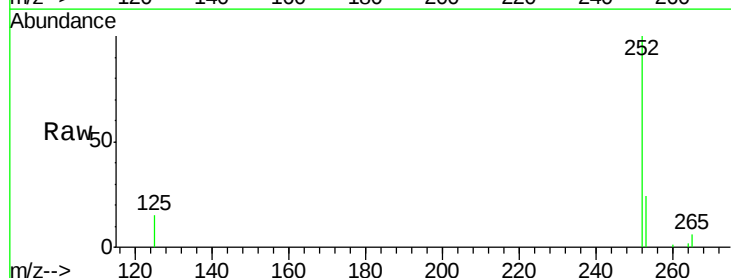
Tgt Ion:252 Resp: 4962

Ion Ratio Lower Upper

252 100

253 24.0 20.3 30.5

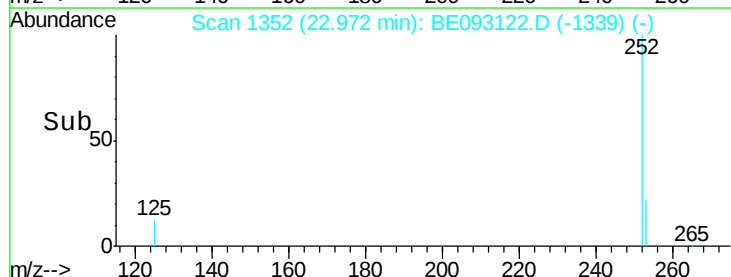
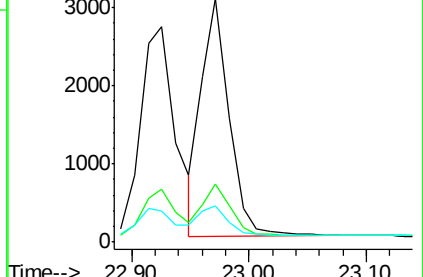
125 14.7 12.2 18.4

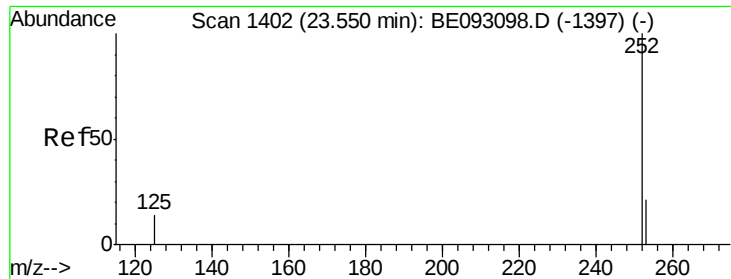


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.442 ng

RT: 23.55 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

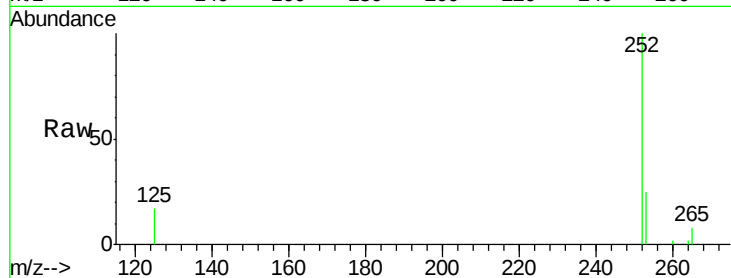
Tgt Ion:252 Resp: 4744

Ion Ratio Lower Upper

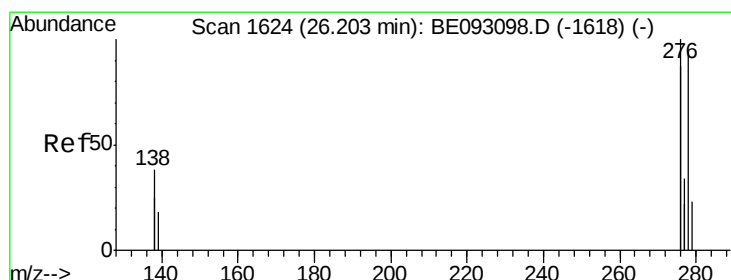
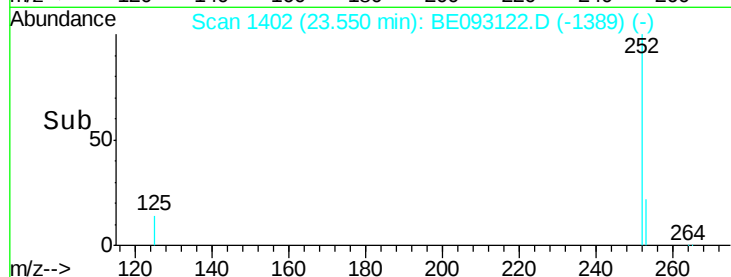
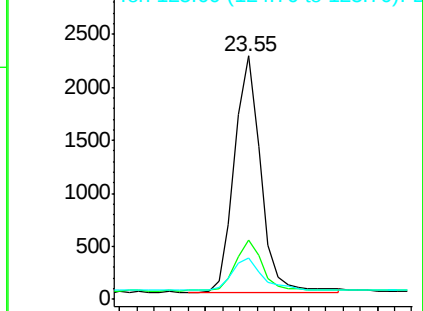
252 100

253 24.5 19.9 29.9

125 17.1 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



#38

Dibenzo(a,h)anthracene

Concen: 0.423 ng

RT: 26.20 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE093122.D

Acq: 13 Jun 2017 3:44

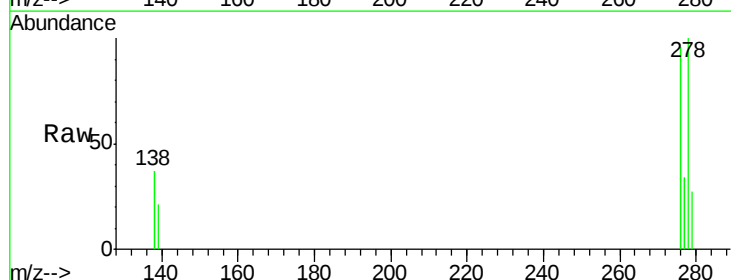
Tgt Ion:278 Resp: 4741

Ion Ratio Lower Upper

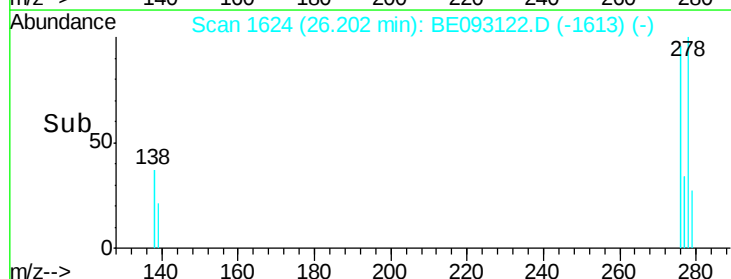
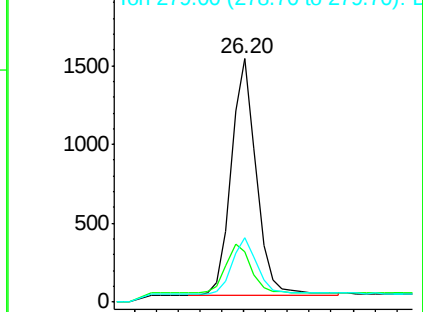
278 100

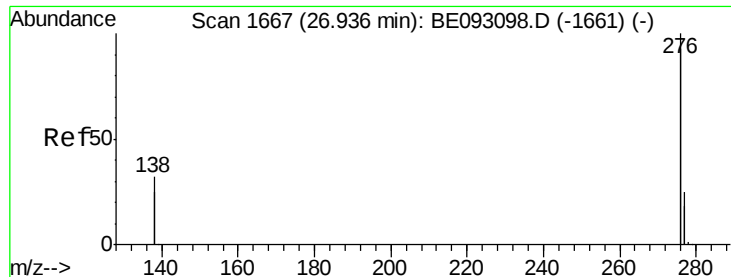
139 20.9 21.4 32.0#

279 26.6 22.2 33.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.427 ng

RT: 26.93 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BE093122.D

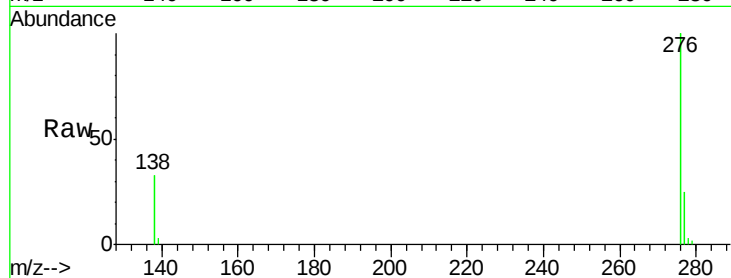
Acq: 13 Jun 2017 3:44

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



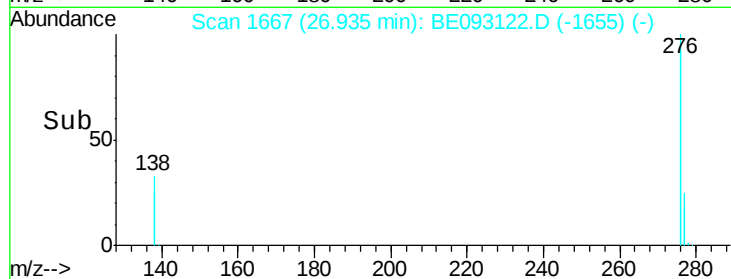
Tgt Ion: 276 Resp: 19332

Ion Ratio Lower Upper

276 100

277 24.9 21.2 31.8

138 32.7 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

