

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
 Data File : BE093095.D
 Acq On : 12 Jun 2017 9:08
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 12 19:28:33 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	731	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	3437	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	1702	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3503	0.40	ng	0.00
27) Chrysene-d12	21.27	240	5607	0.40	ng	0.00
34) Perylene-d12	23.67	264	4950	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	769	0.36	ng	0.00
5) Phenol-d6	6.90	99	1103	0.35	ng	0.00
8) Nitrobenzene-d5	8.88	82	981	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1850	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	133	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	2662	0.37	ng	0.00
25) Fluoranthene-d10	19.11	212	4093	0.35	ng	0.00
29) Terphenyl-d14	19.72	244	3936	0.36	ng	0.00

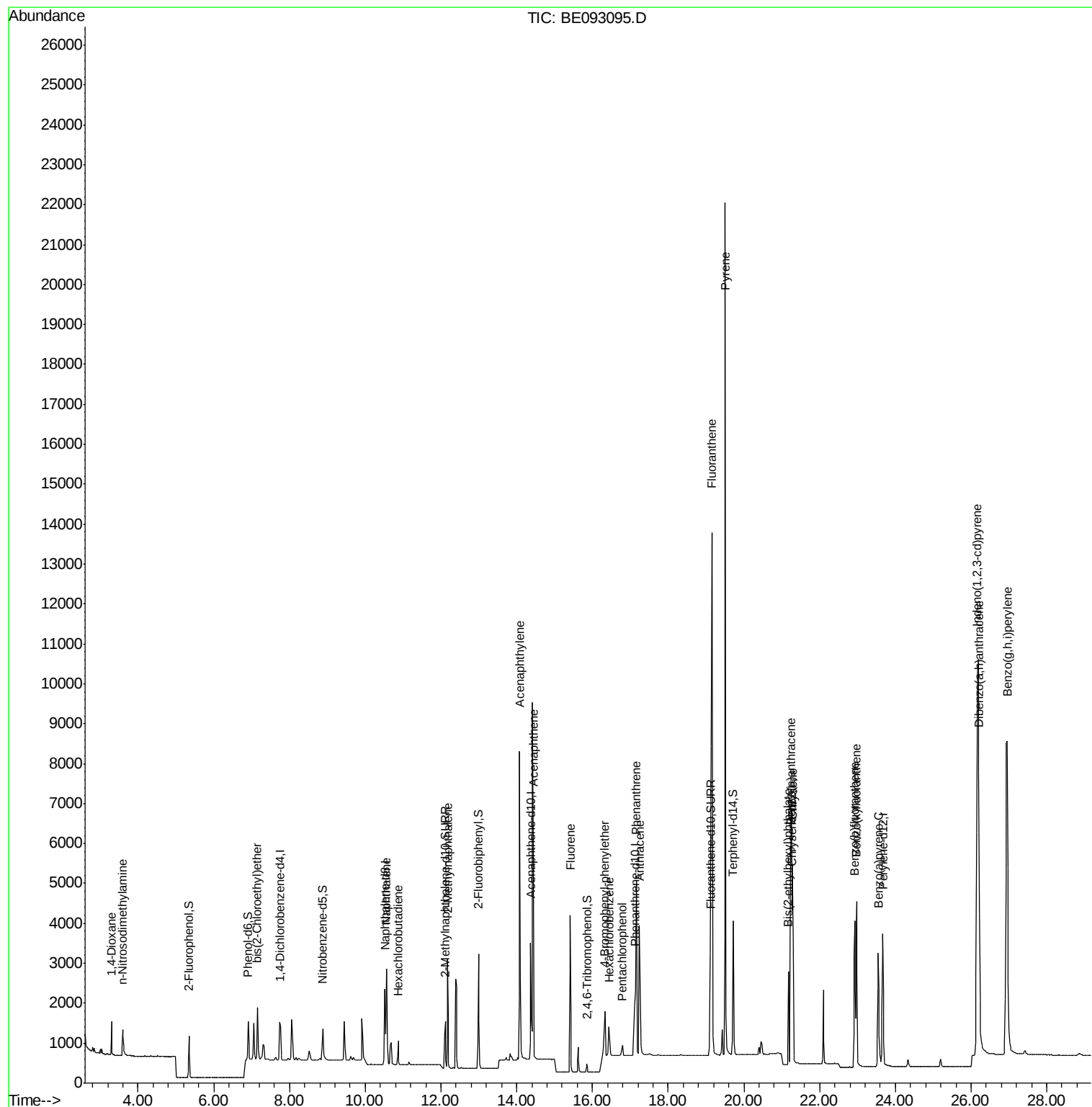
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	558	0.344	ng	99
3) n-Nitrosodimethylamine	3.60	42	495	0.357	ng	# 99
6) bis(2-Chloroethyl)ether	7.15	93	985	0.357	ng	# 99
9) Naphthalene	10.56	128	3296	0.357	ng	98
10) Hexachlorobutadiene	10.87	225	437	0.349	ng	99
12) 2-Methylnaphthalene	12.18	142	2024	0.354	ng	97
16) Acenaphthylene	14.08	152	10242	0.346	ng	100
17) Acenaphthene	14.44	154	2007	0.364	ng	97
18) Fluorene	15.41	166	2397	0.360	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	777	0.364	ng	# 80
21) Hexachlorobenzene	16.44	284	671	0.358	ng	# 100
22) Pentachlorophenol	16.79	266	214	0.354	ng	89
23) Phenanthrene	17.16	178	5840	0.369	ng	99
24) Anthracene	17.25	178	4469	0.333	ng	99
26) Fluoranthene	19.16	202	20543	0.357	ng	# 99
28) Pyrene	19.51	202	26404	0.387	ng	# 98
30) Benzo(a)anthracene	21.23	228	5542	0.366	ng	# 85
31) Chrysene	21.28	228	5703	0.353	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.18	149	2231	0.359	ng	96
33) Indeno(1,2,3-cd)pyrene	26.17	276	21579	0.357	ng	99
35) Benzo(b)fluoranthene	22.93	252	5417	0.341	ng	97
36) Benzo(k)fluoranthene	22.97	252	5317	0.347	ng	98
37) Benzo(a)pyrene	23.55	252	4637	0.337	ng	97
38) Dibenzo(a,h)anthracene	26.20	278	4954	0.346	ng	96
39) Benzo(g,h,i)perylene	26.95	276	19789	0.342	ng	97

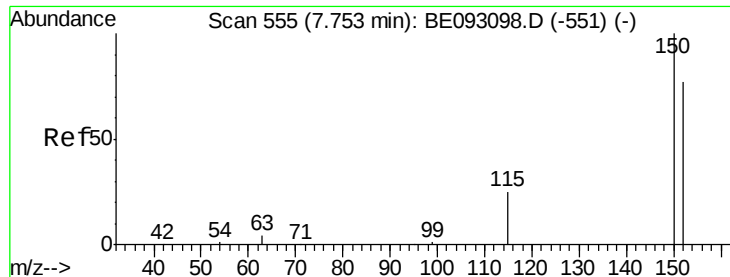
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Jun 12 19:28:33 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.75 min Scan# 555

Delta R.T. -0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

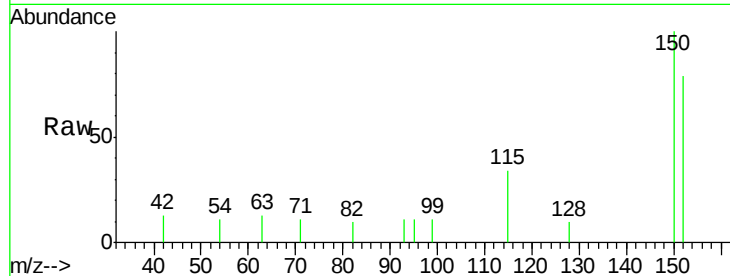
Tgt Ion: 152 Resp: 731

Ion Ratio Lower Upper

152 100

150 127.1 125.1 187.7

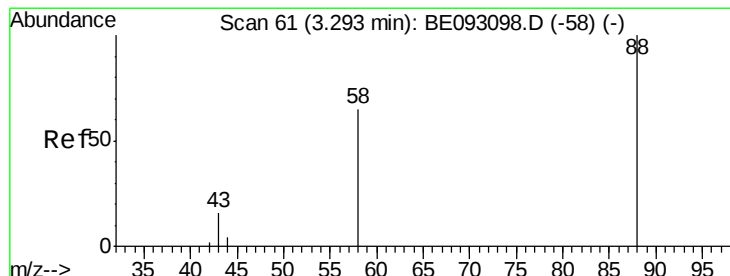
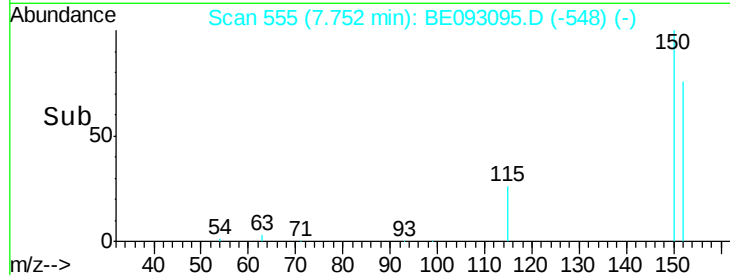
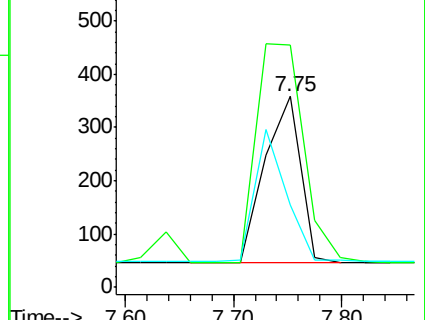
115 43.3 55.7 83.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.344 ng

RT: 3.29 min Scan# 61

Delta R.T. 0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

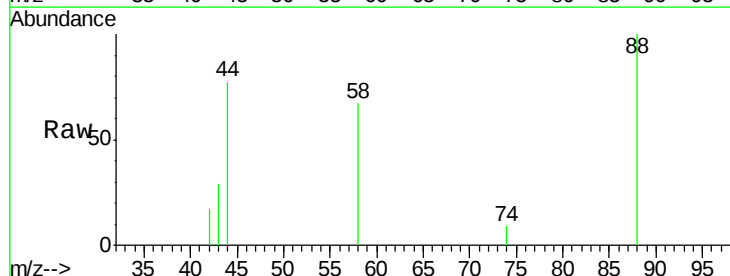
Tgt Ion: 88 Resp: 558

Ion Ratio Lower Upper

88 100

58 78.9 62.2 93.4

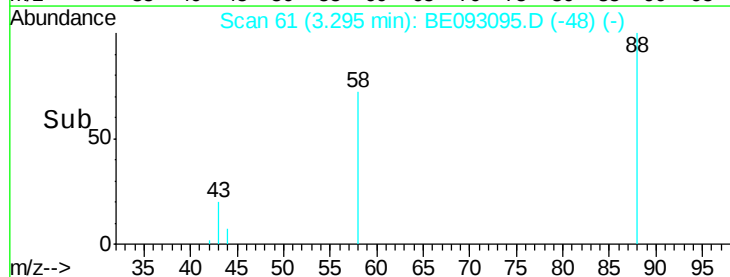
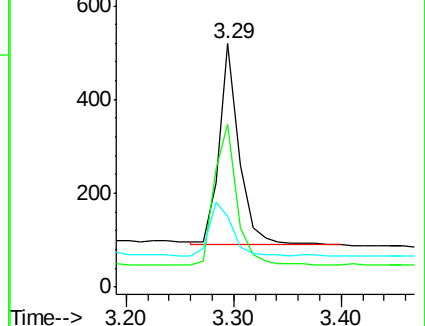
43 29.6 23.2 34.8

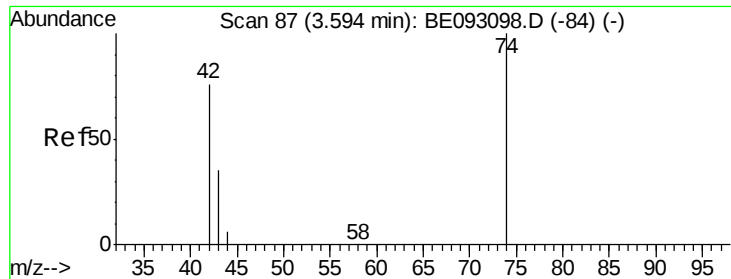


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.357 ng

RT: 3.60 min Scan# 87

Delta R.T. 0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

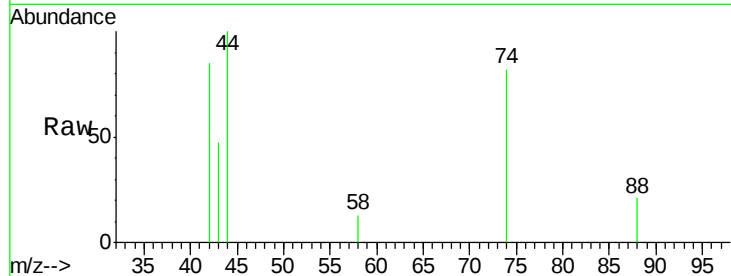
Tgt Ion: 42 Resp: 495

Ion Ratio Lower Upper

42 100

74 124.2 99.1 148.7

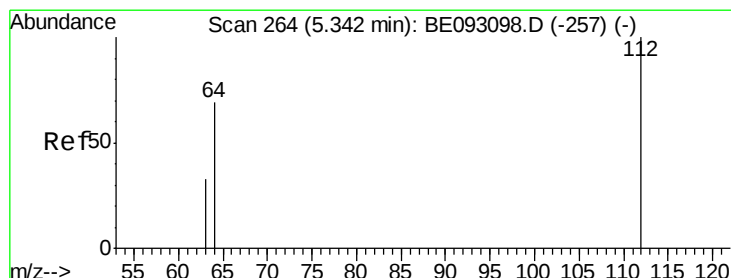
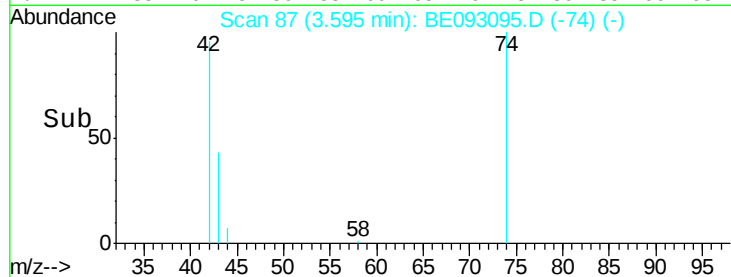
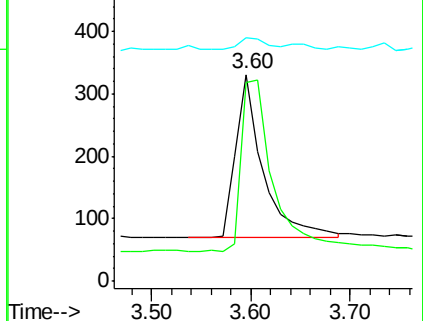
44 7.3 7.4 11.2#



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: 0.357 ng

RT: 5.34 min Scan# 264

Delta R.T. 0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

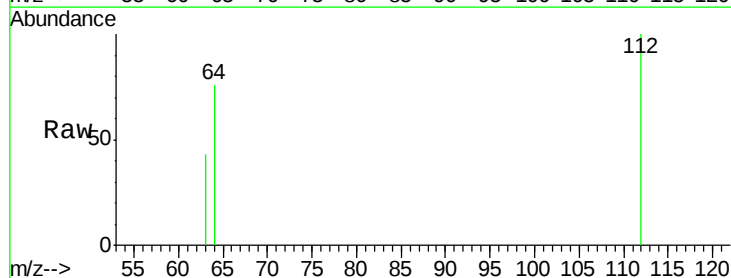
Tgt Ion: 112 Resp: 769

Ion Ratio Lower Upper

112 100

64 70.6 56.4 84.6

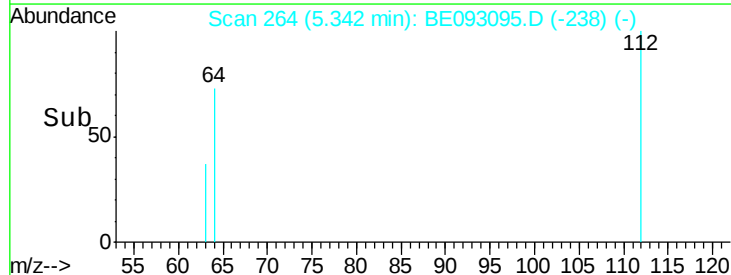
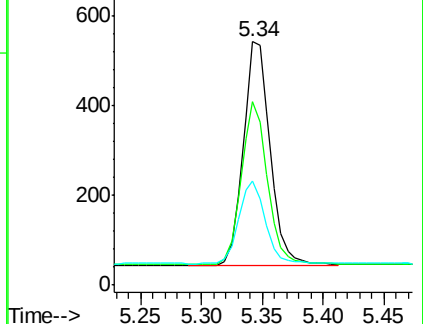
63 36.9 29.3 43.9

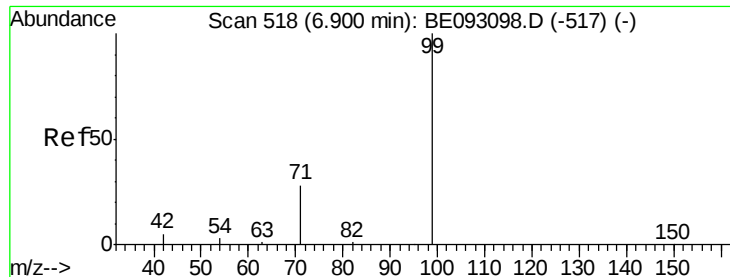


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.349 ng

RT: 6.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

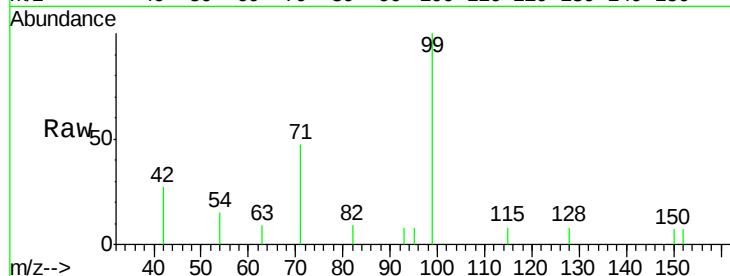
Tgt Ion: 99 Resp: 1103

Ion Ratio Lower Upper

99 100

42 21.7 0.0 0.0#

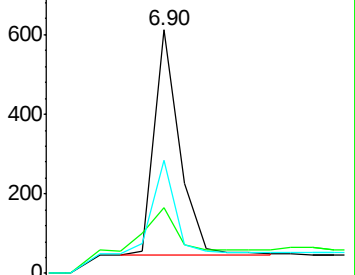
71 37.4 0.0 0.0#



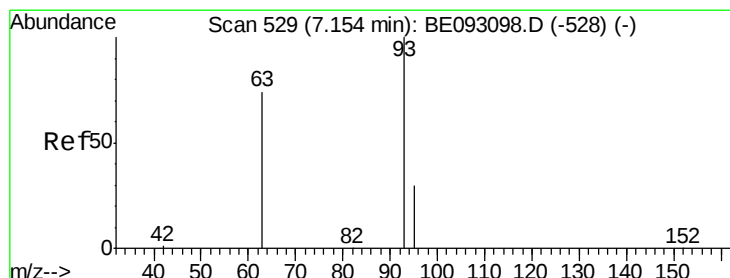
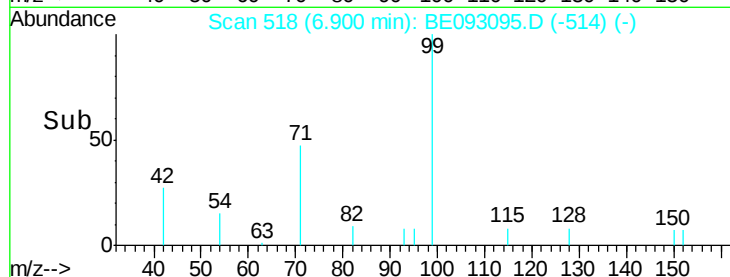
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.357 ng

RT: 7.15 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

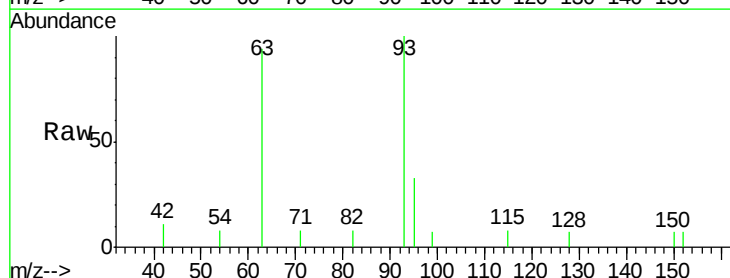
Tgt Ion: 93 Resp: 985

Ion Ratio Lower Upper

93 100

63 91.0 0.0 0.0#

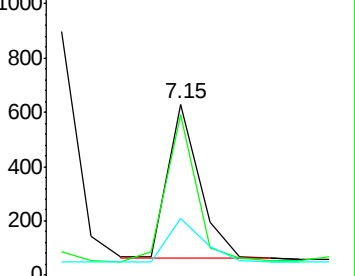
95 31.3 25.4 38.0



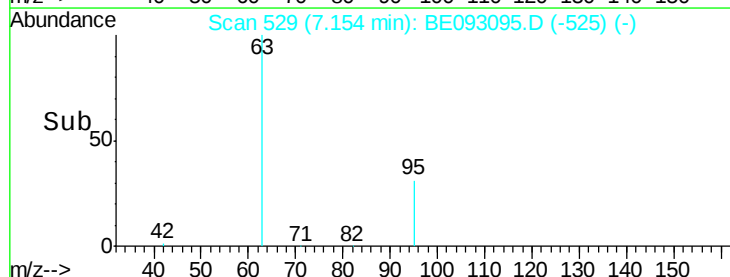
Abundance Ion 93.00 (92.70 to 93.70): BE0

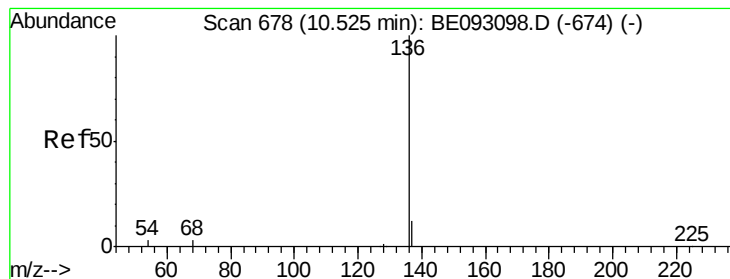
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 3437

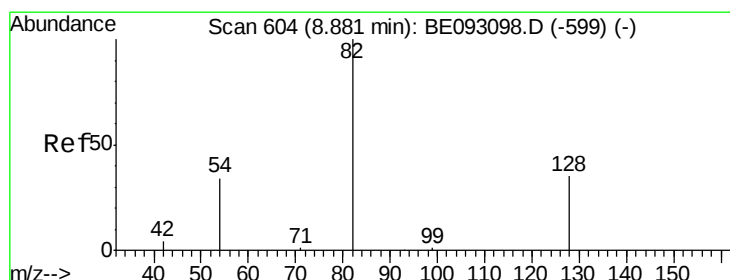
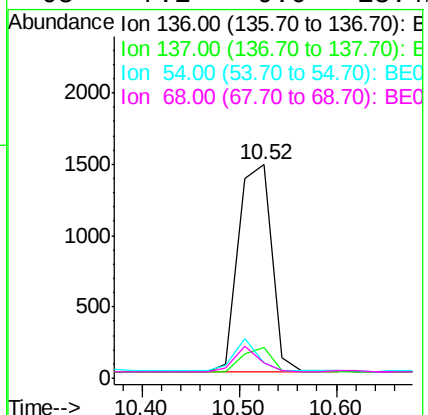
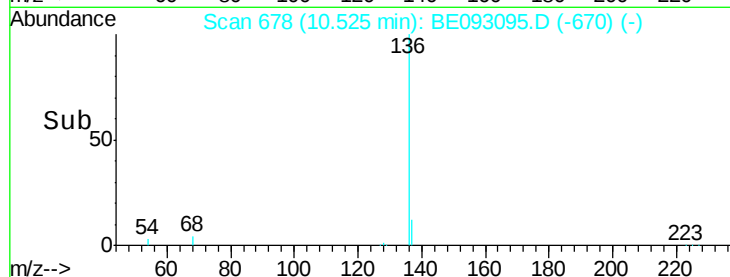
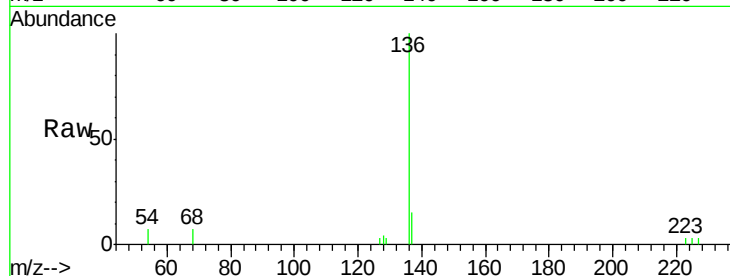
Ion Ratio Lower Upper

136 100

137 14.6 9.8 14.8

54 7.1 10.3 15.5#

68 7.1 9.0 13.4#



#8

Nitrobenzene-d5

Concen: 0.358 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

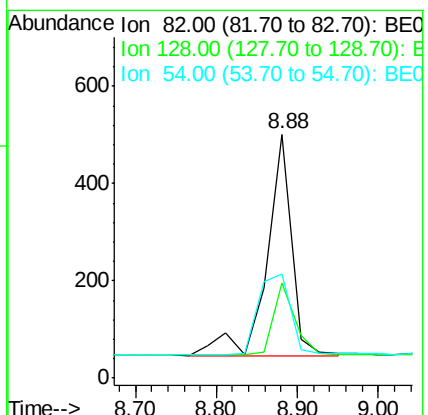
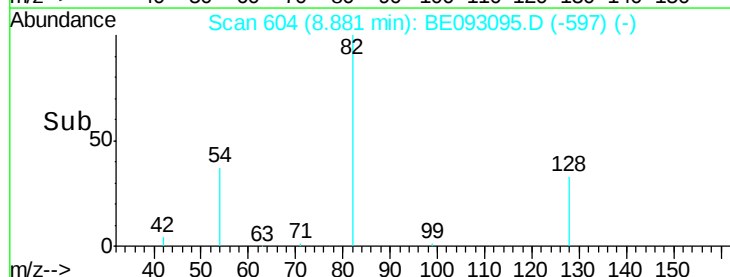
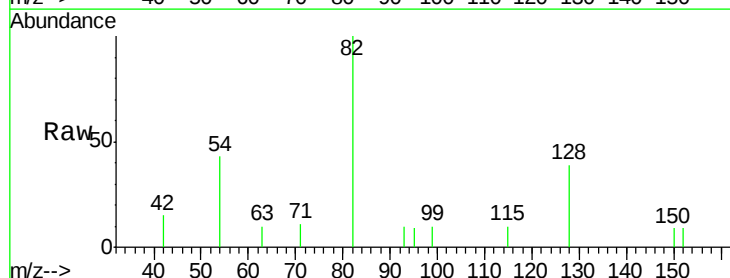
Tgt Ion: 82 Resp: 981

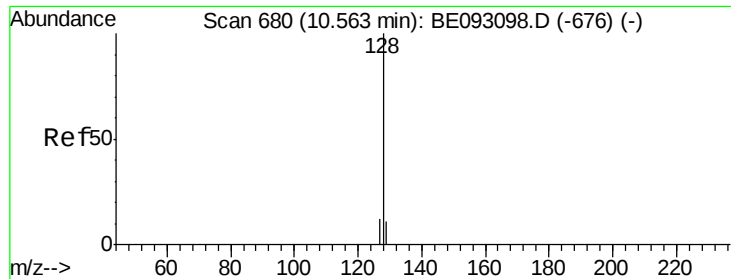
Ion Ratio Lower Upper

82 100

128 39.1 17.0 25.4#

54 42.7 53.8 80.6#





#9

Naphthalene

Concen: 0.357 ng

RT: 10.56 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

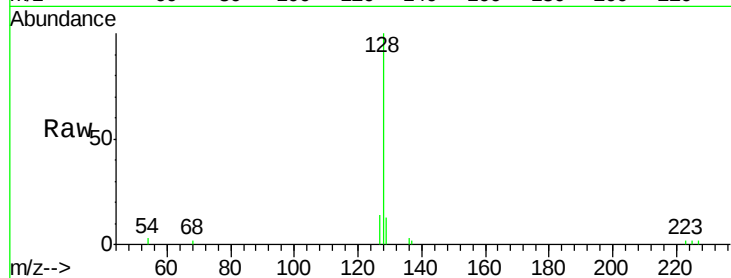
Tgt Ion:128 Resp: 3296

Ion Ratio Lower Upper

128 100

129 13.1 11.4 17.0

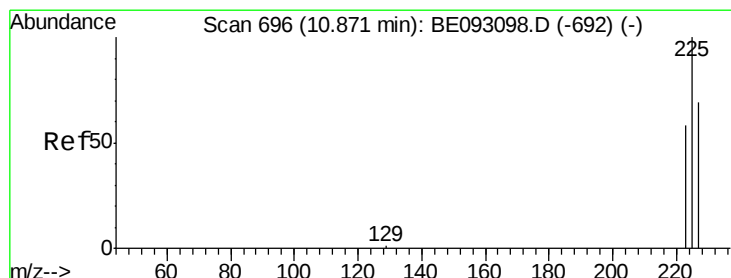
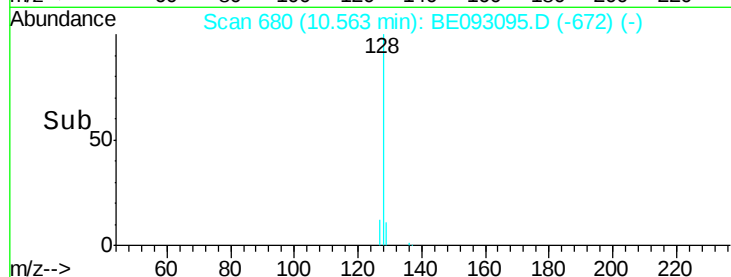
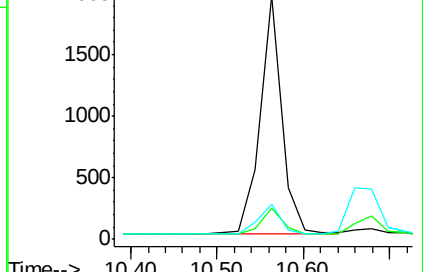
127 14.3 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.349 ng

RT: 10.87 min Scan# 696

Delta R.T. -0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

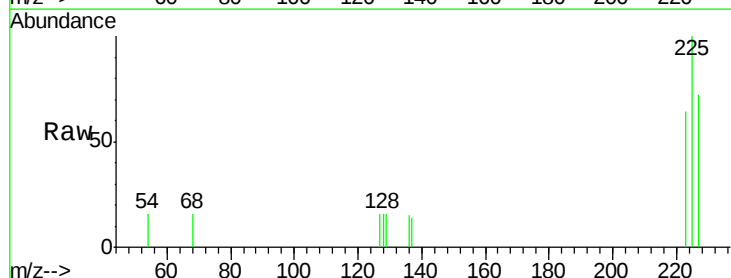
Tgt Ion:225 Resp: 437

Ion Ratio Lower Upper

225 100

223 62.7 49.7 74.5

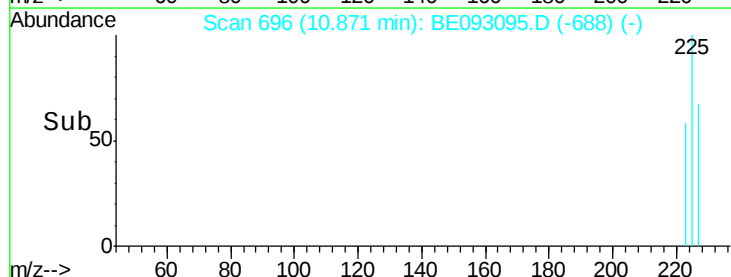
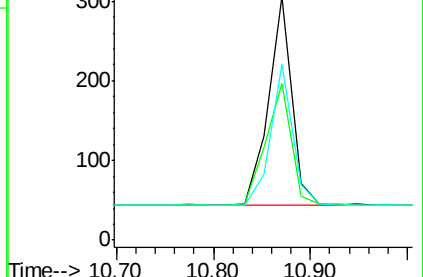
227 63.6 50.3 75.5

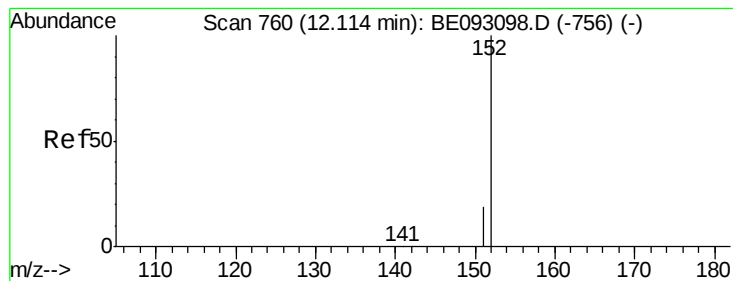


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.358 ng

RT: 12.11 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

Instrument :

BNA_E

ClientSampleId :

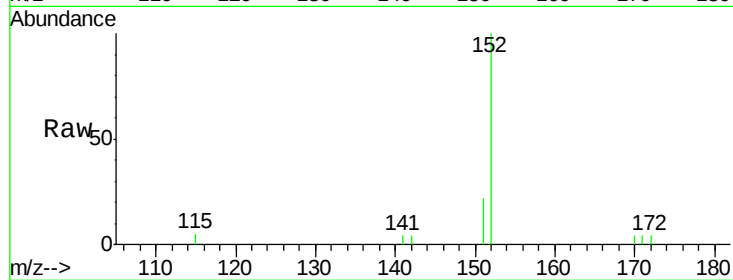
SSTDCCC0.4

Tgt Ion:152 Resp: 1850

Ion Ratio Lower Upper

152 100

151 19.1 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

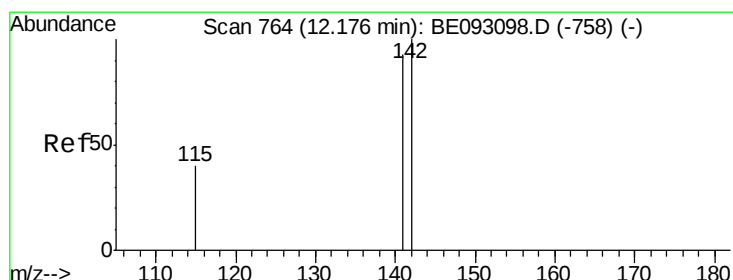
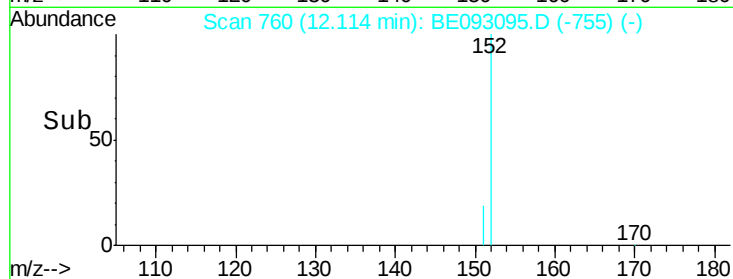
600

400

200

0

Time--> 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.354 ng

RT: 12.18 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

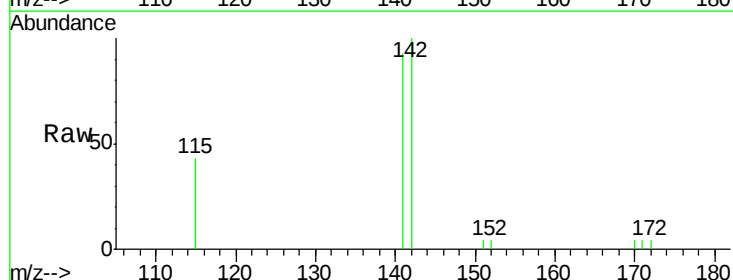
Tgt Ion:142 Resp: 2024

Ion Ratio Lower Upper

142 100

141 93.3 72.6 108.8

115 42.7 32.2 48.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.18

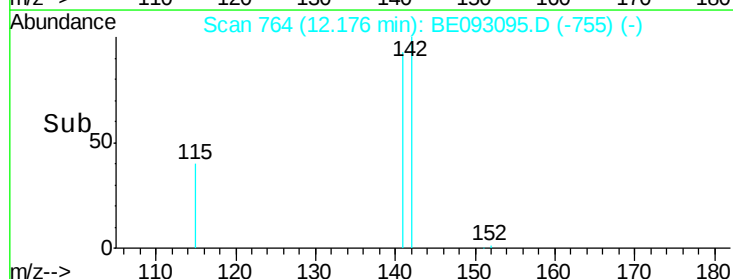
1500

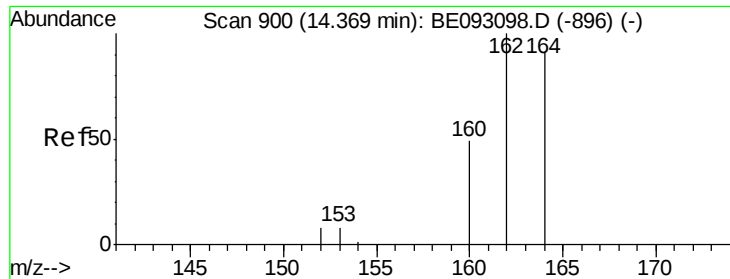
1000

500

0

Time--> 12.00 12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

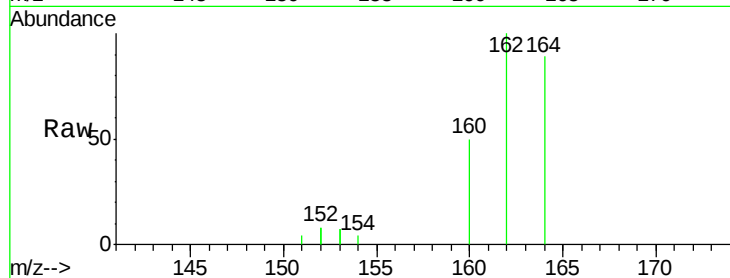
Tgt Ion:164 Resp: 1702

Ion Ratio Lower Upper

164 100

162 111.9 84.6 127.0

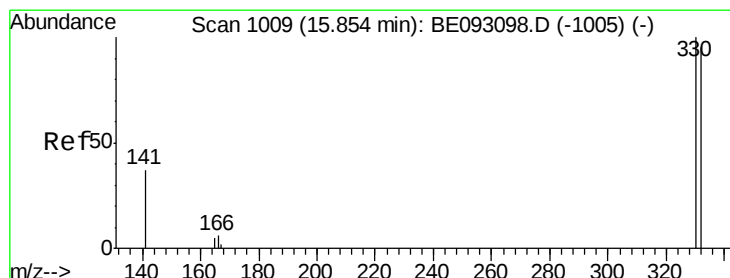
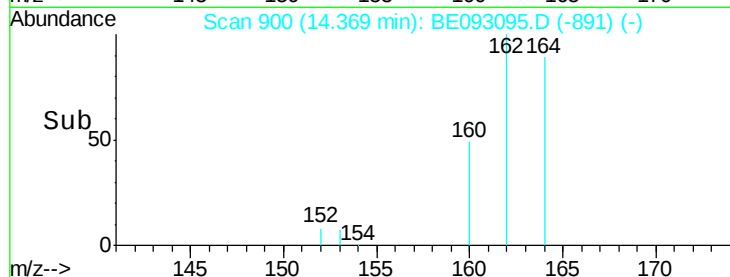
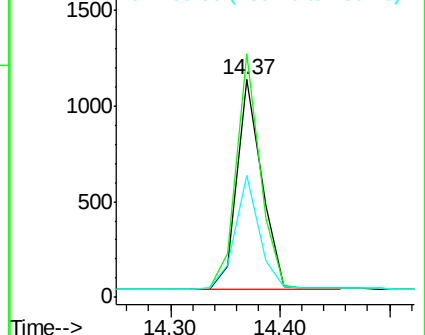
160 56.3 41.8 62.6



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: 0.343 ng

RT: 15.85 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

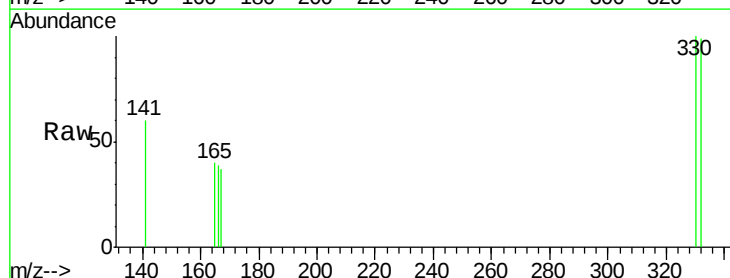
Tgt Ion:330 Resp: 133

Ion Ratio Lower Upper

330 100

332 96.2 77.7 116.5

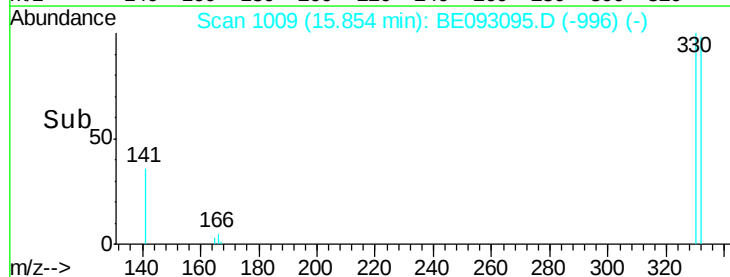
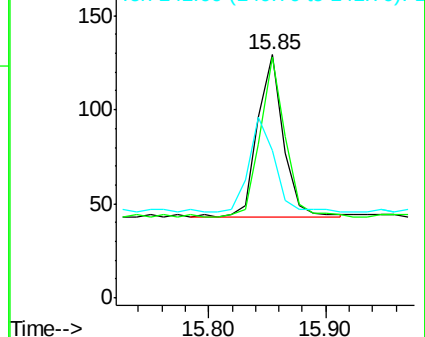
141 57.1 56.2 84.4

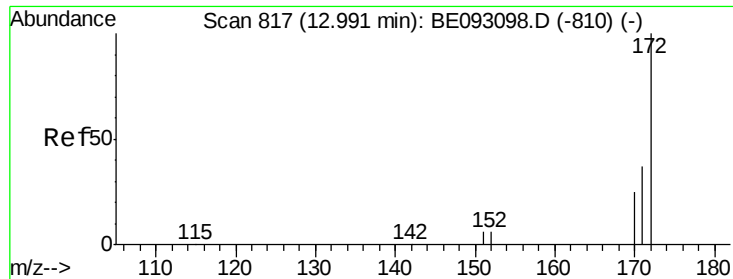


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

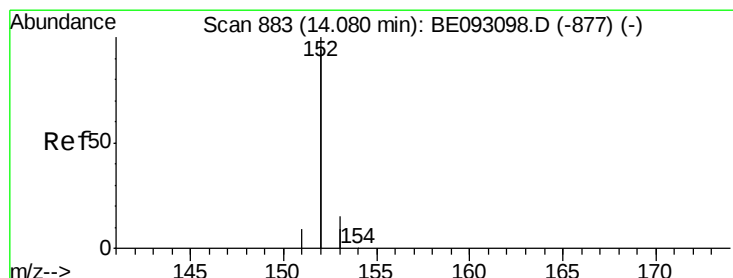
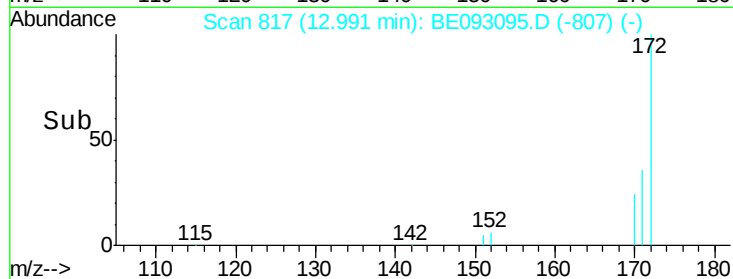
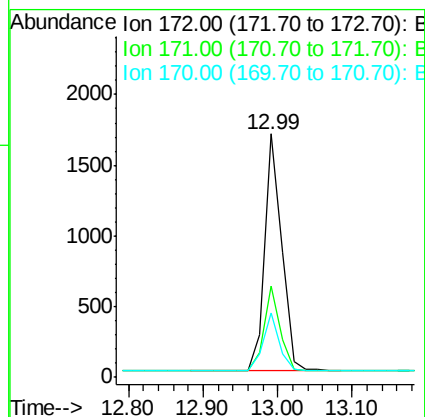
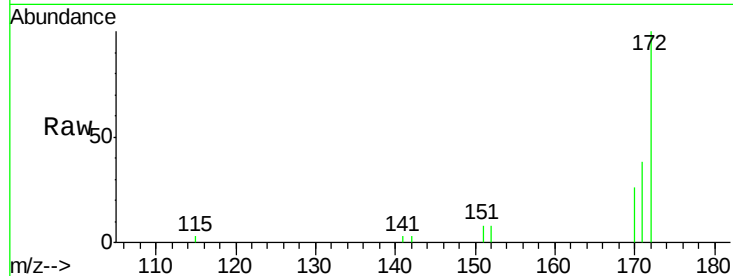




#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093095.D
Acq: 12 Jun 2017 9:08

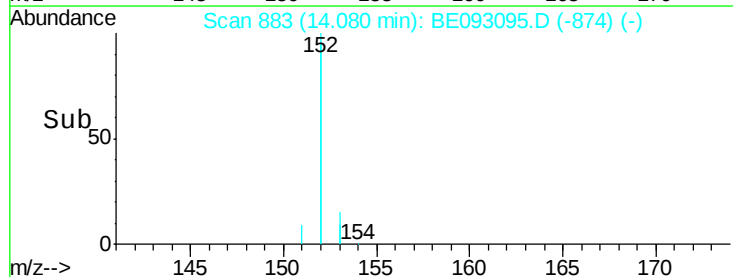
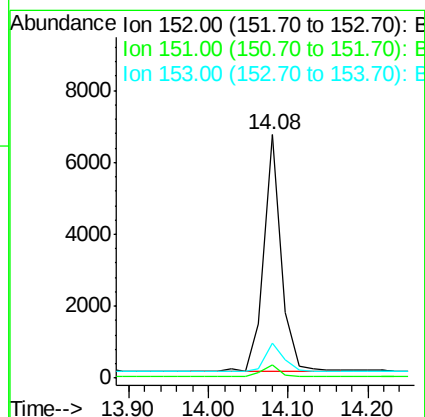
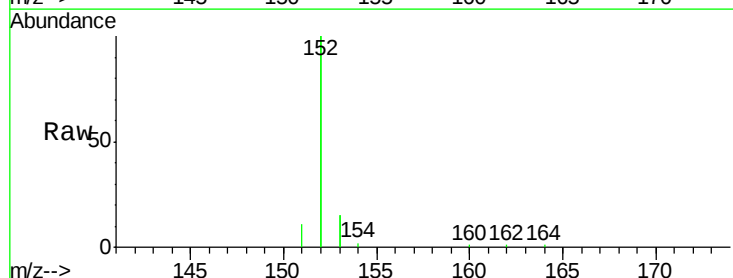
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

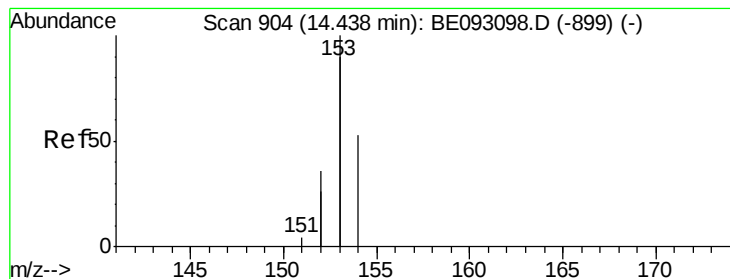
Tgt Ion:172 Resp: 2662
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 26.2 20.7 31.1



#16
Acenaphthylene
Concen: 0.346 ng
RT: 14.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE093095.D
Acq: 12 Jun 2017 9:08

Tgt Ion:152 Resp: 10242
Ion Ratio Lower Upper
152 100
151 4.9 4.0 6.0
153 12.8 10.3 15.5





#17

Acenaphthene

Concen: 0.364 ng

RT: 14.44 min Scan# 904

Delta R.T. 0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

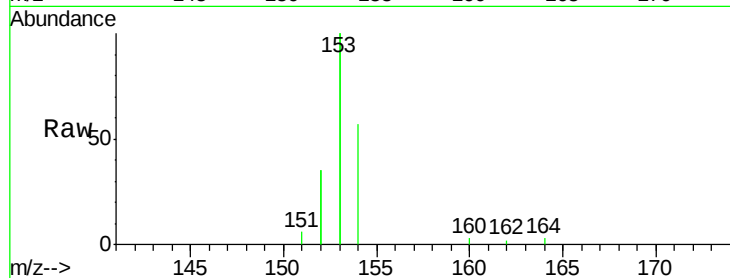
Tgt Ion:154 Resp: 2007

Ion Ratio Lower Upper

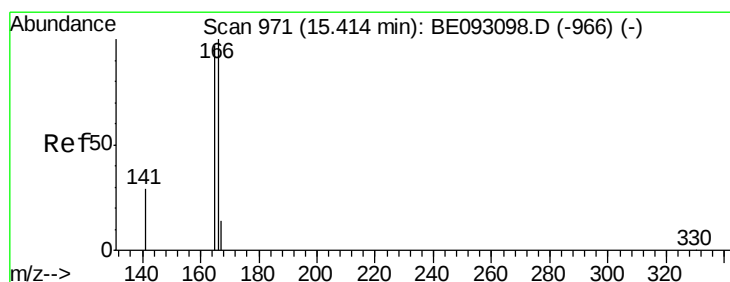
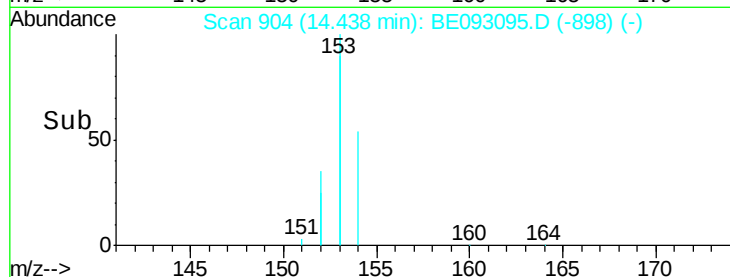
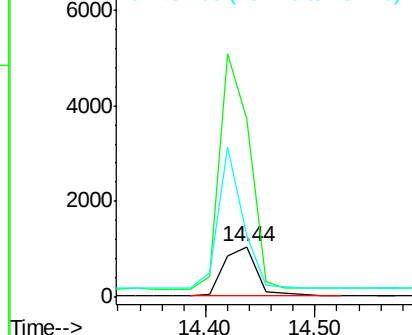
154 100

153 452.3 367.8 551.6

152 228.4 188.2 282.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.360 ng

RT: 15.41 min Scan# 971

Delta R.T. 0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

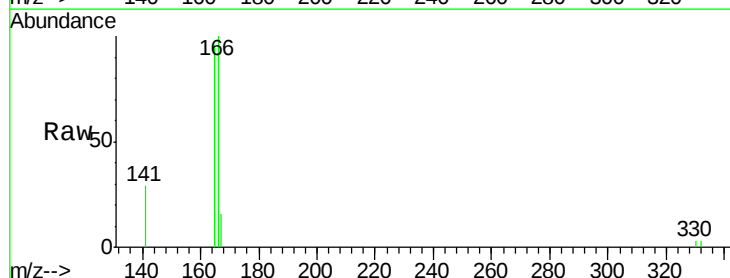
Tgt Ion:166 Resp: 2397

Ion Ratio Lower Upper

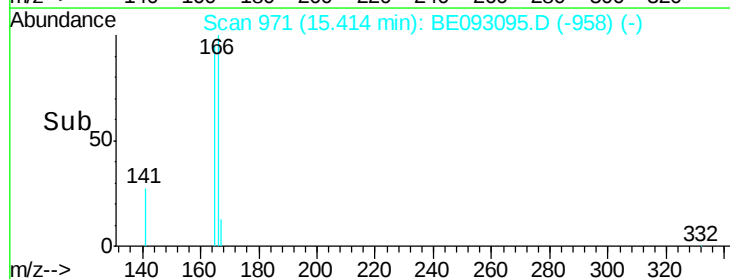
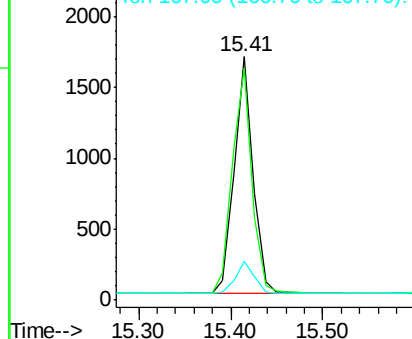
166 100

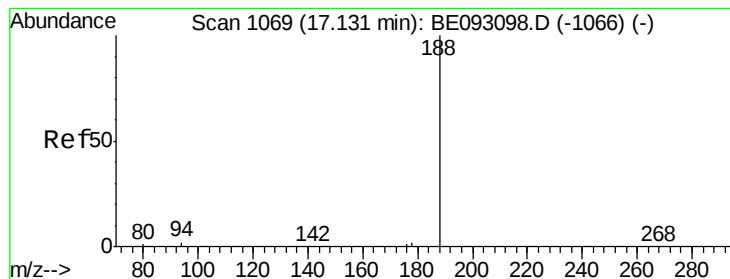
165 98.9 78.6 117.8

167 13.6 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.13 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

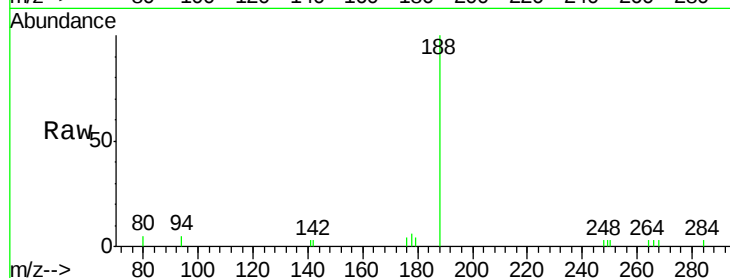
Tgt Ion:188 Resp: 3503

Ion Ratio Lower Upper

188 100

94 5.0 11.3 16.9#

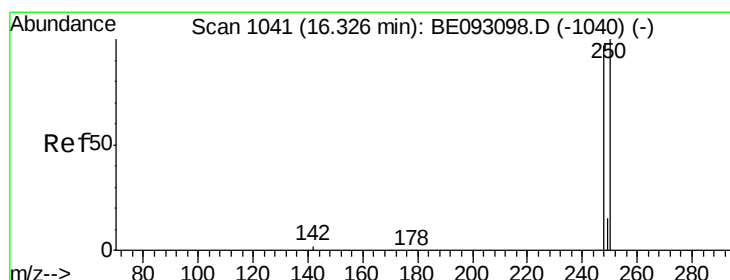
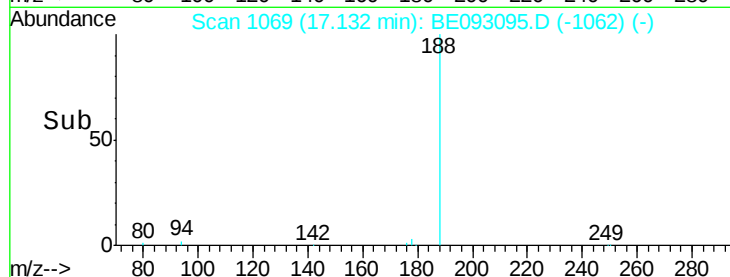
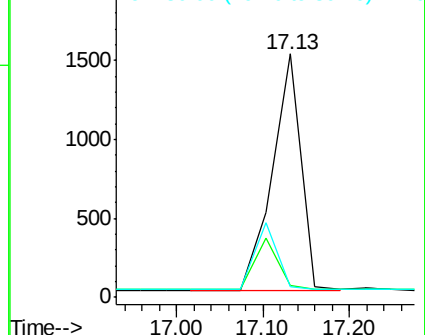
80 4.6 11.7 17.5#



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: 0.364 ng

RT: 16.33 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

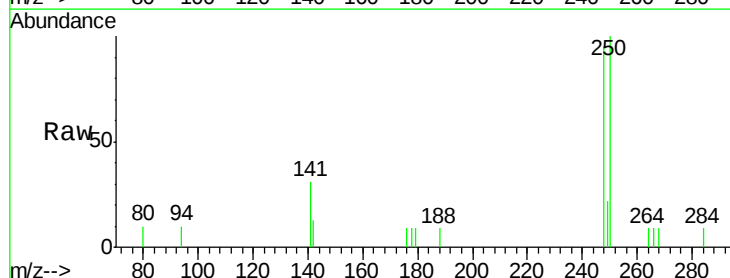
Tgt Ion:248 Resp: 777

Ion Ratio Lower Upper

248 100

250 105.1 100.0 150.0

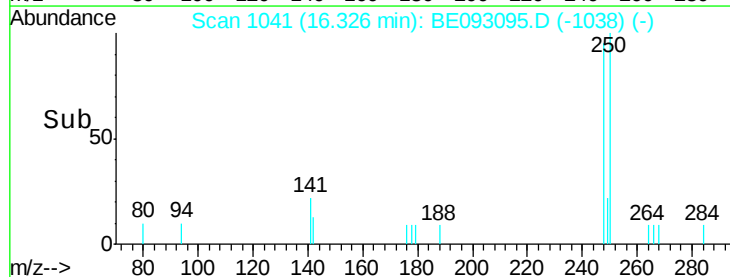
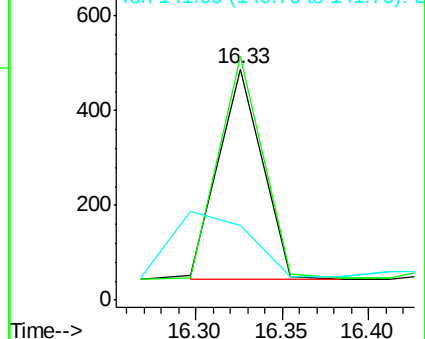
141 32.3 40.0 60.0#

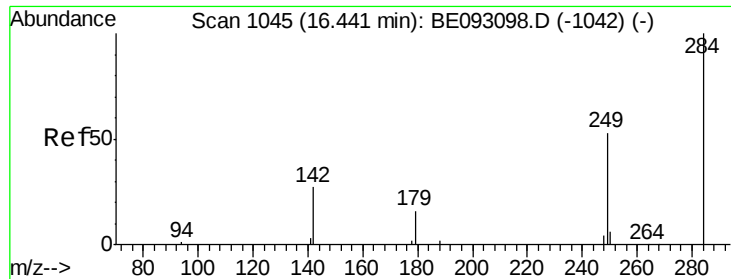


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.358 ng

RT: 16.44 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

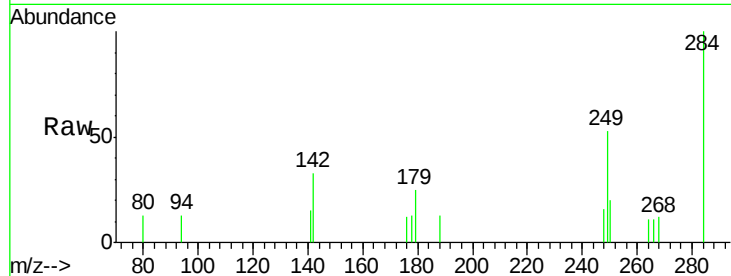
Tgt Ion:284 Resp: 671

Ion Ratio Lower Upper

284 100

142 35.8 0.0 0.0#

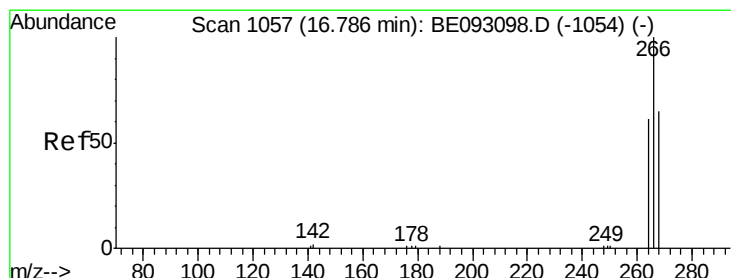
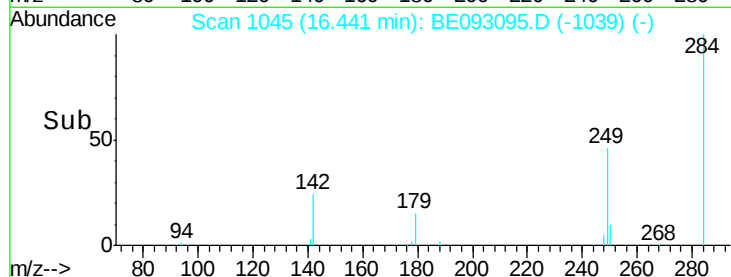
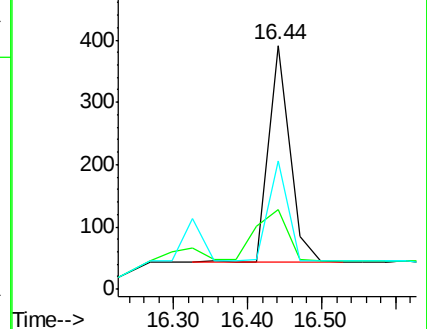
249 42.5 0.0 0.0#



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: 0.354 ng

RT: 16.79 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

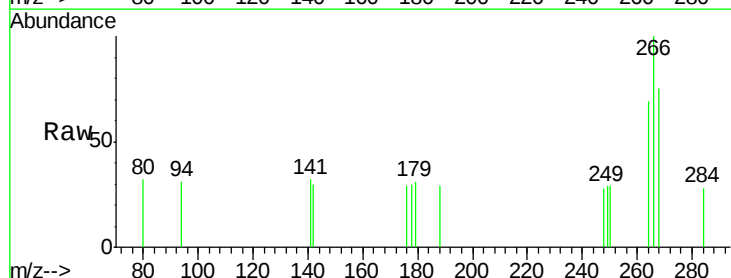
Tgt Ion:266 Resp: 214

Ion Ratio Lower Upper

266 100

264 68.8 58.2 87.2

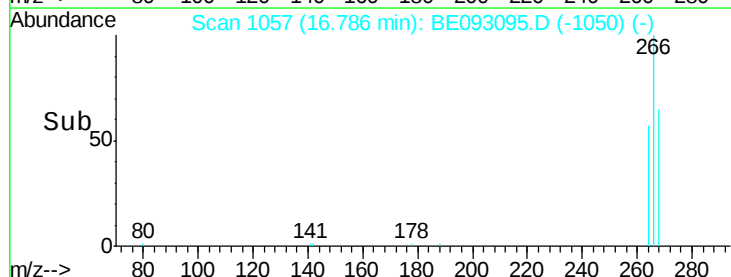
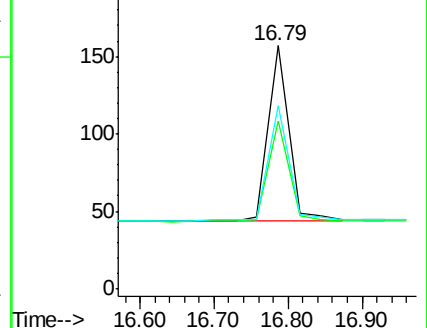
268 75.2 71.9 107.9

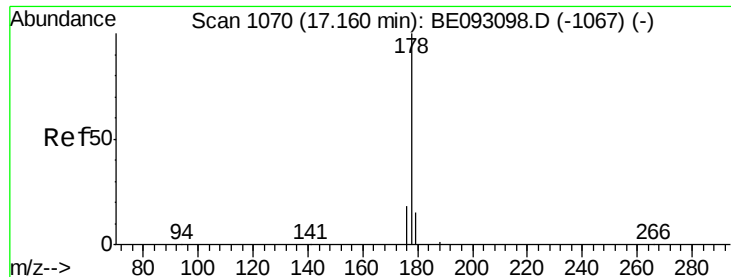


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.369 ng

RT: 17.16 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

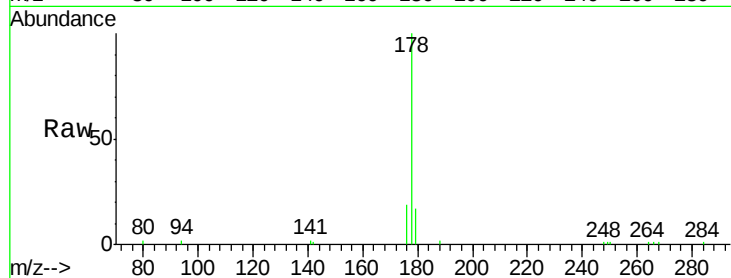
Tgt Ion:178 Resp: 5840

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

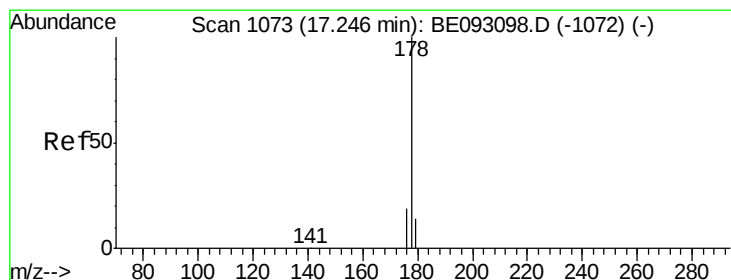
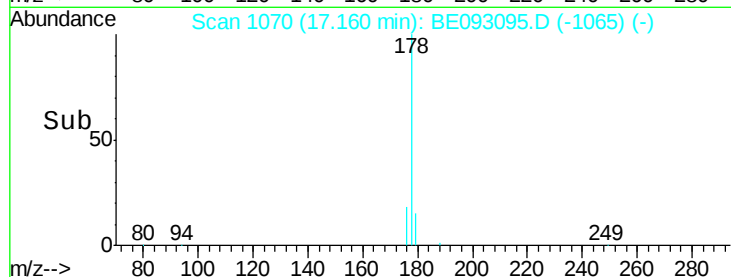
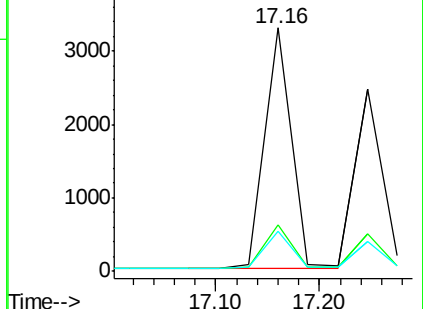
179 15.5 12.7 19.1



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: 0.333 ng

RT: 17.25 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

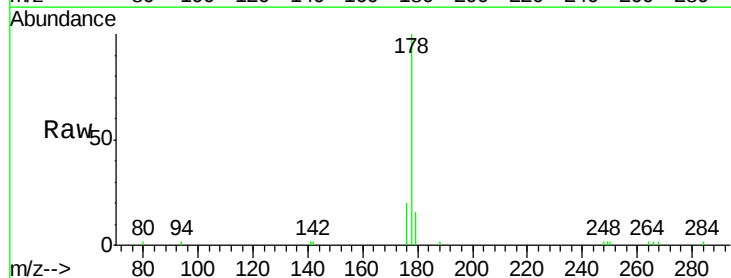
Tgt Ion:178 Resp: 4469

Ion Ratio Lower Upper

178 100

176 18.8 14.6 22.0

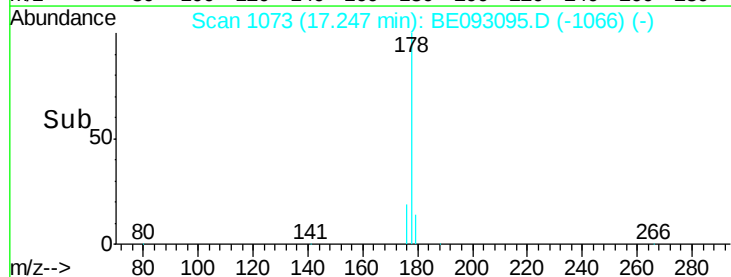
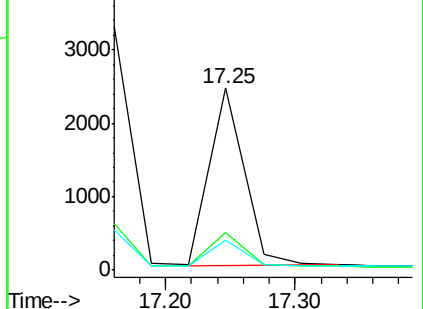
179 14.7 12.0 18.0

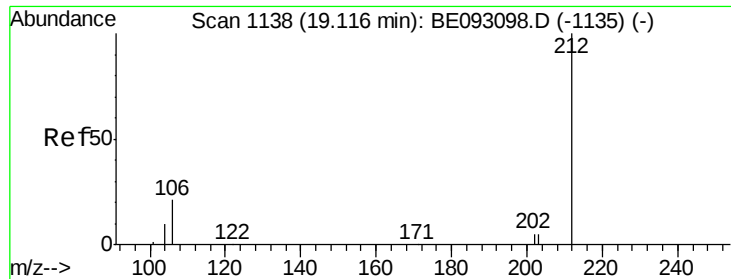


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.355 ng

RT: 19.11 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

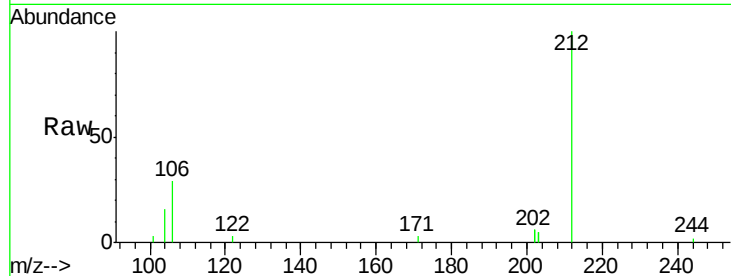
Tgt Ion:212 Resp: 4093

Ion Ratio Lower Upper

212 100

106 17.9 0.0 0.0#

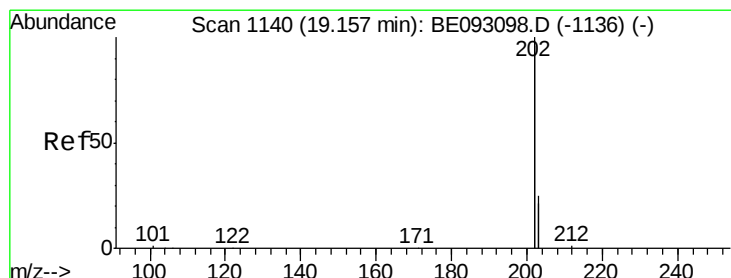
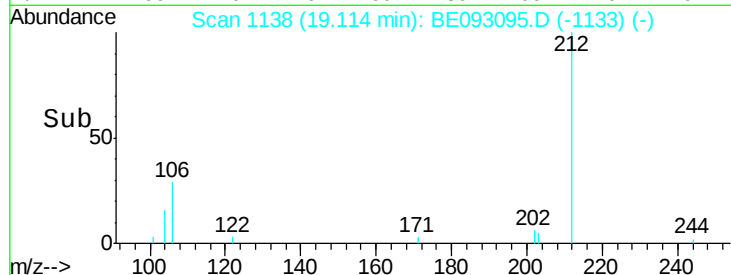
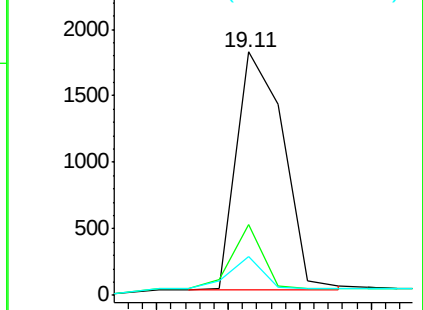
104 9.7 0.0 0.0#



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: 0.357 ng

RT: 19.16 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

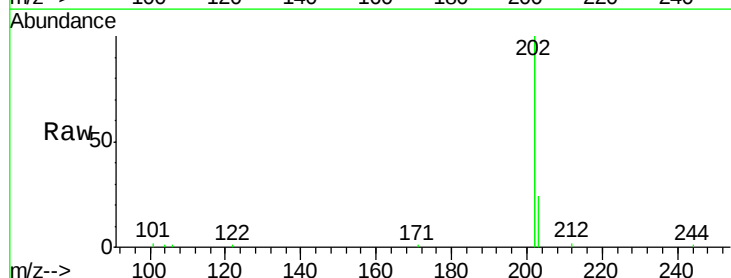
Tgt Ion:202 Resp: 20543

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

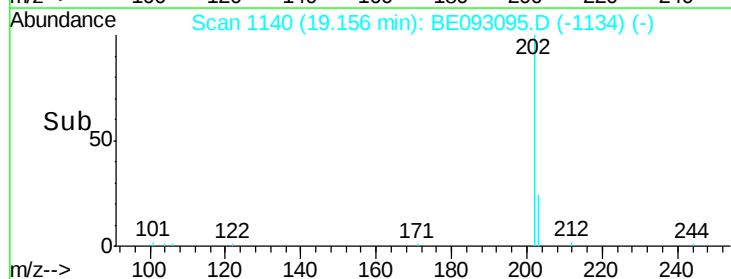
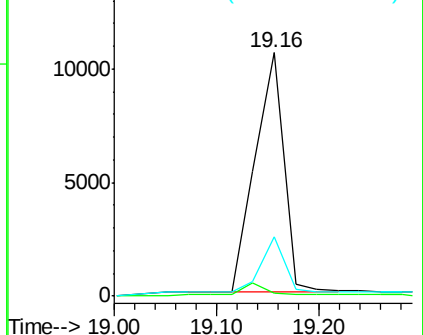
203 18.6 14.4 21.6

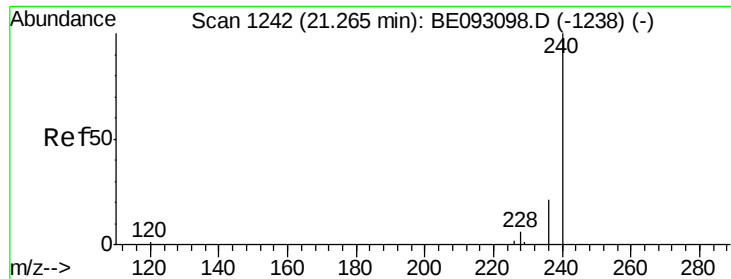


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

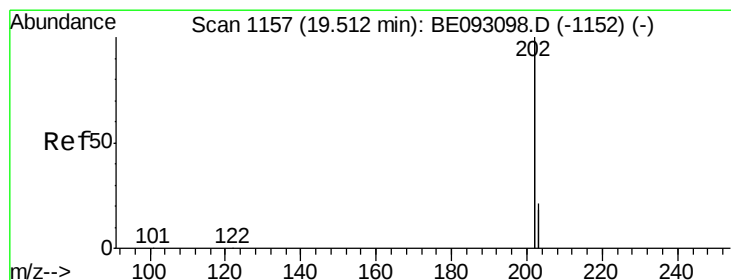
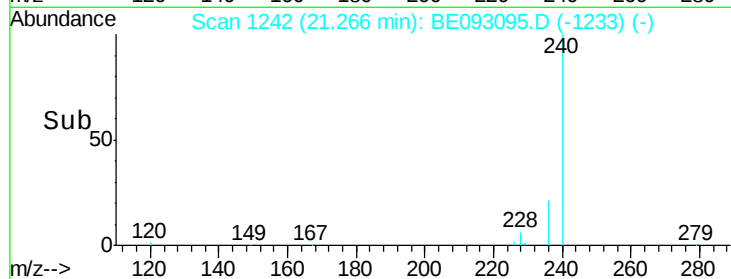
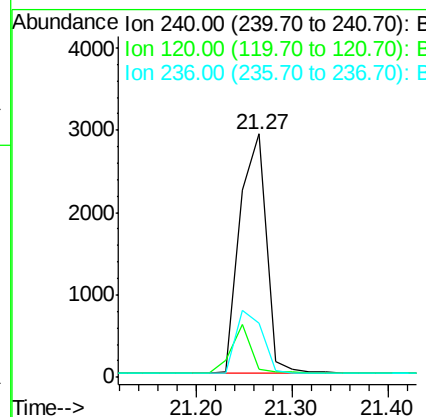
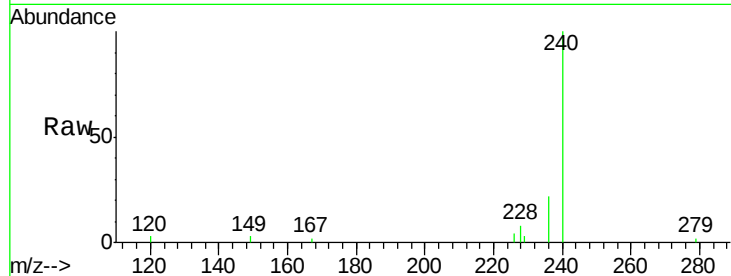




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BE093095.D
Acq: 12 Jun 2017 9:08

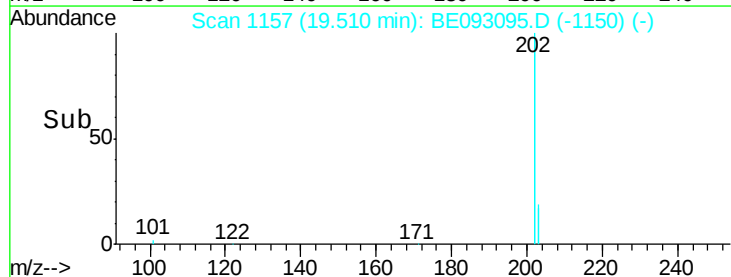
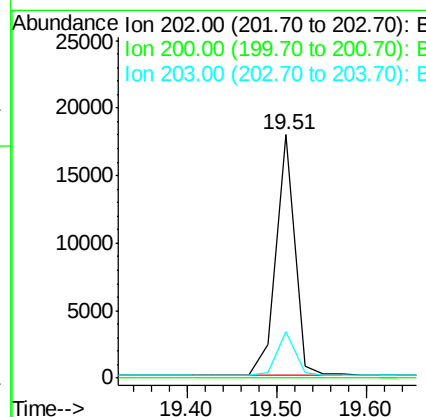
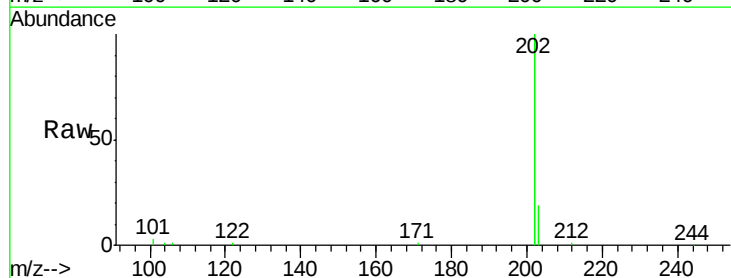
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

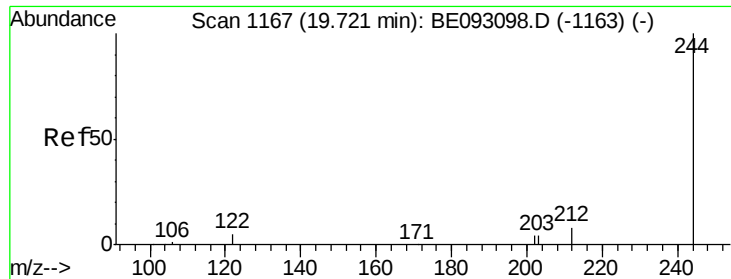
Tgt Ion: 240 Resp: 5607
Ion Ratio Lower Upper
240 100
120 3.1 4.6 7.0#
236 22.2 20.8 31.2



#28
Pyrene
Concen: 0.387 ng
RT: 19.51 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BE093095.D
Acq: 12 Jun 2017 9:08

Tgt Ion: 202 Resp: 26404
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 17.8 13.7 20.5





#29

Terphenyl-d14

Concen: 0.364 ng

RT: 19.72 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

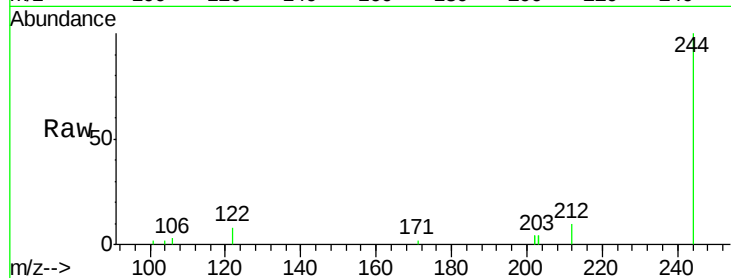
Tgt Ion:244 Resp: 3936

Ion Ratio Lower Upper

244 100

212 10.2 10.6 16.0#

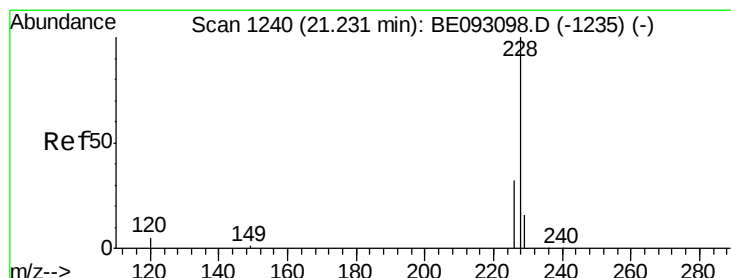
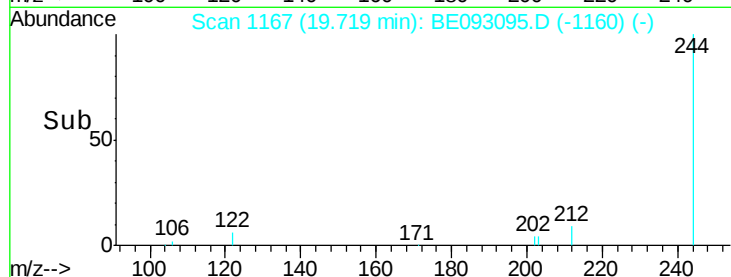
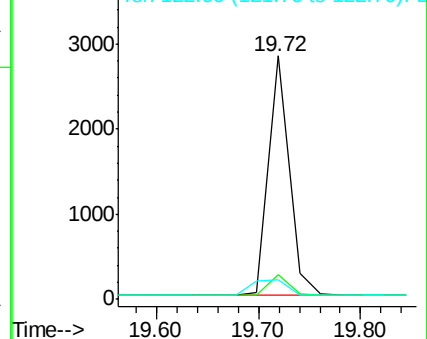
122 7.9 15.4 23.0#



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: 0.366 ng

RT: 21.23 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

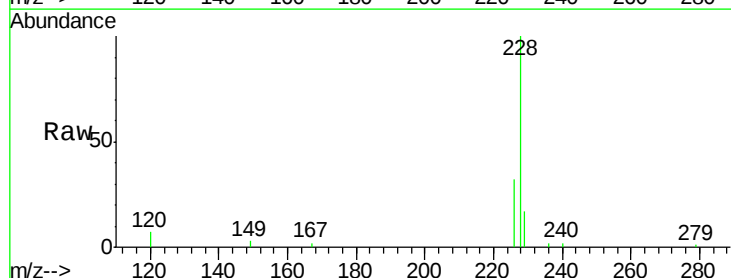
Tgt Ion:228 Resp: 5542

Ion Ratio Lower Upper

228 100

226 32.3 19.7 29.5#

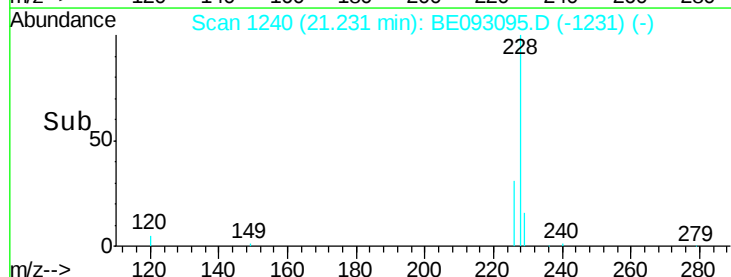
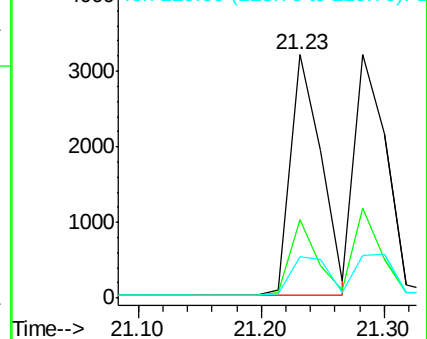
229 17.1 19.2 28.8#

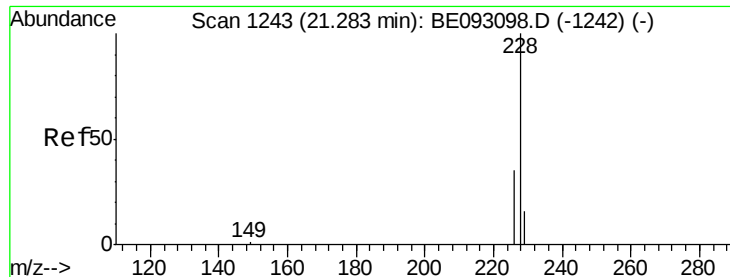


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.353 ng

RT: 21.28 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

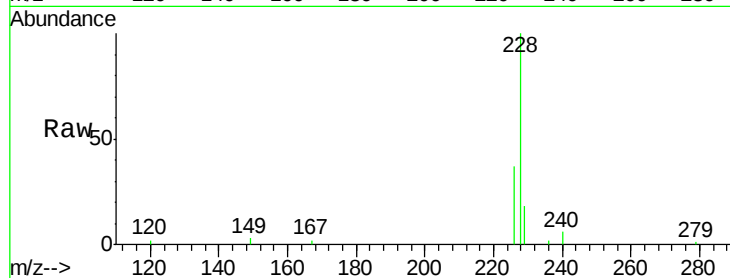
Tgt Ion:228 Resp: 5703

Ion Ratio Lower Upper

228 100

226 36.8 21.5 32.3#

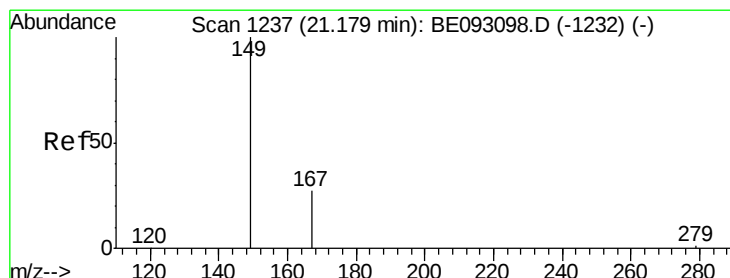
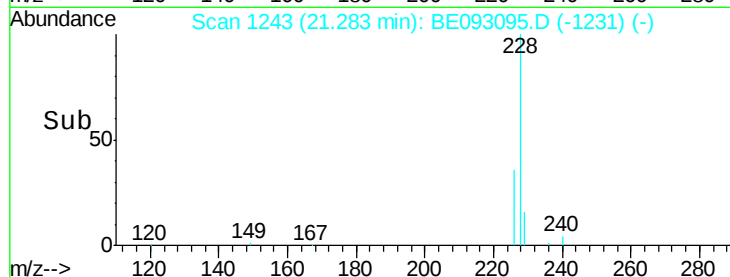
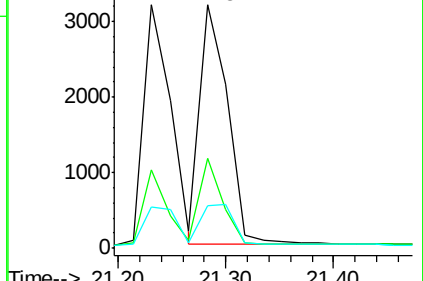
229 17.7 18.6 28.0#



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: 0.359 ng

RT: 21.18 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

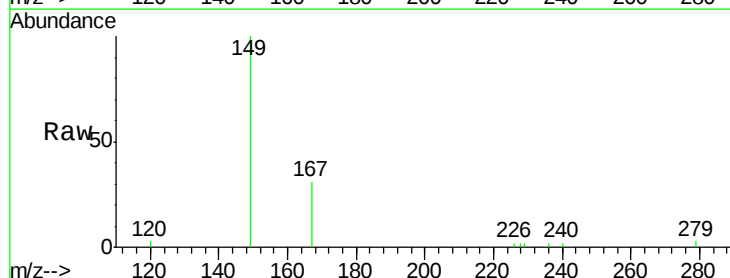
Tgt Ion:149 Resp: 2231

Ion Ratio Lower Upper

149 100

167 27.0 20.1 30.1

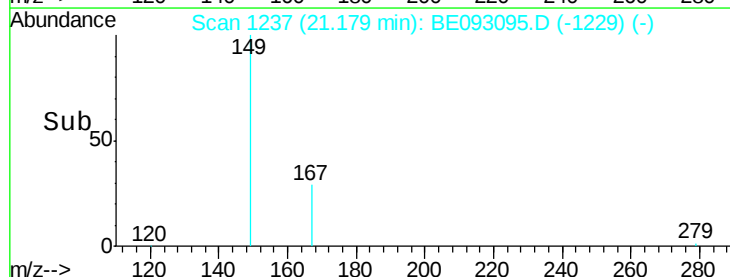
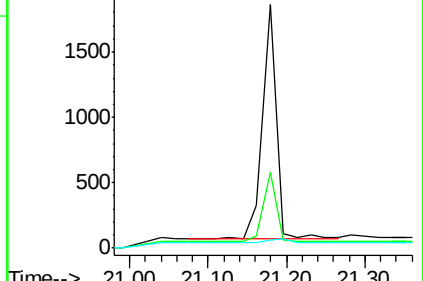
279 2.4 2.2 3.4

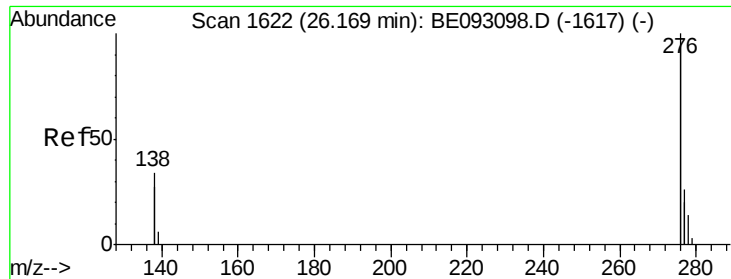


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.357 ng

RT: 26.17 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

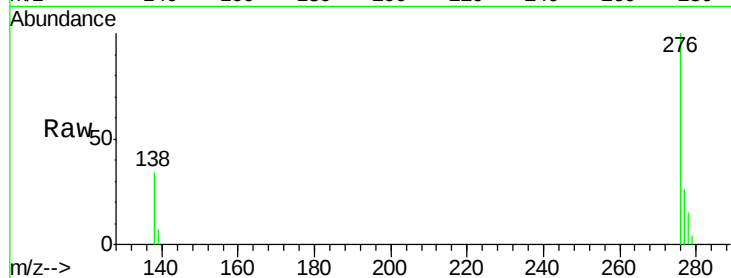
Tgt Ion:276 Resp: 21579

Ion Ratio Lower Upper

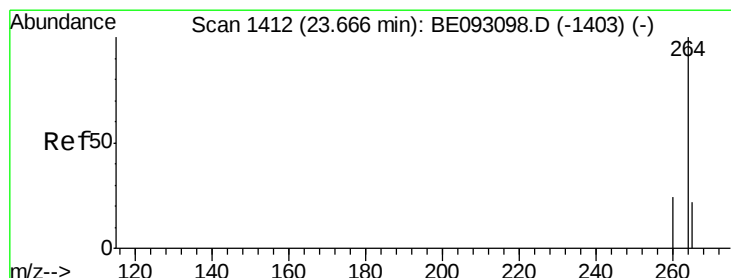
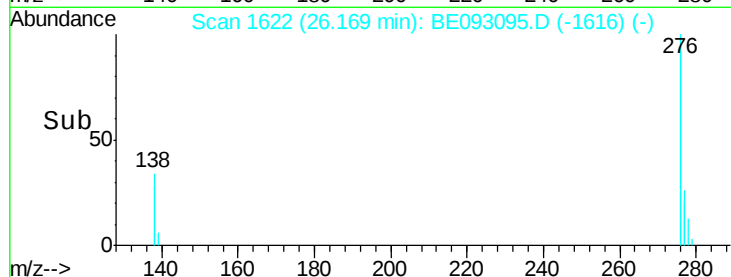
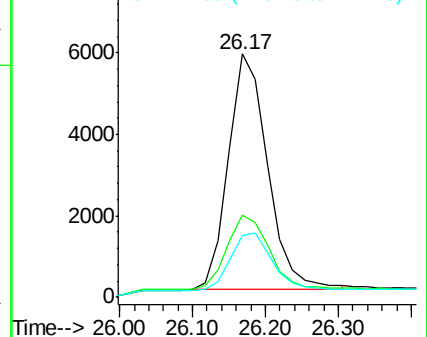
276 100

138 33.4 27.4 41.2

277 25.4 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: BE093095.D

Acq: 12 Jun 2017 9:08

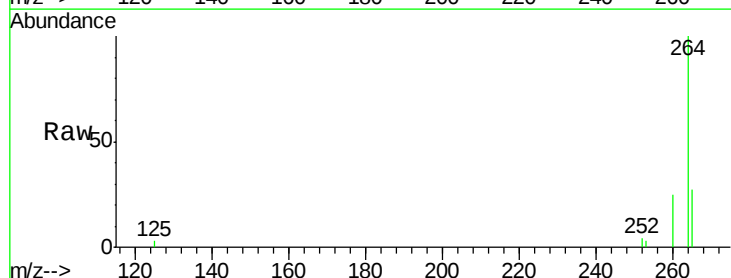
Tgt Ion:264 Resp: 4950

Ion Ratio Lower Upper

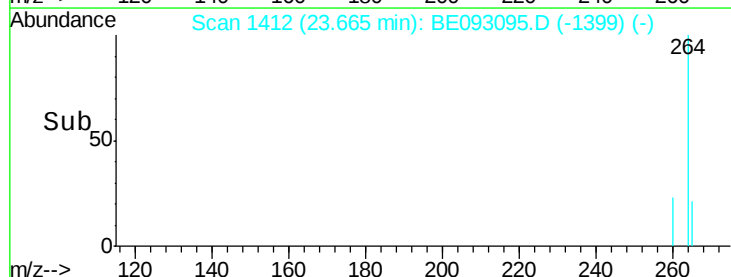
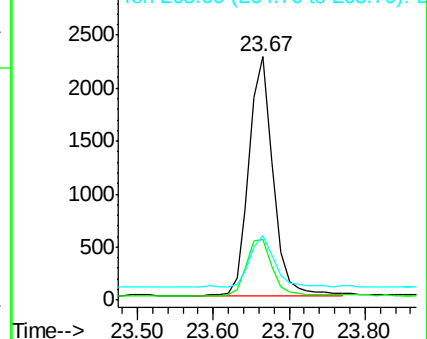
264 100

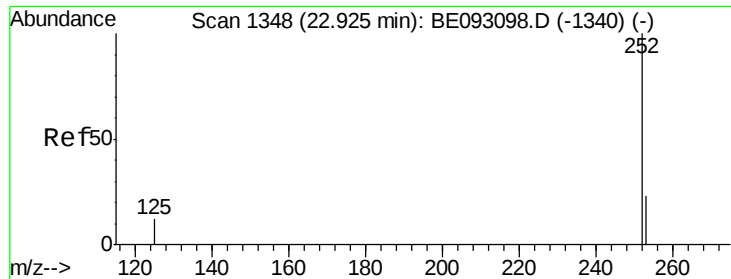
260 24.9 21.0 31.4

265 26.5 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: 0.341 ng

RT: 22.93 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

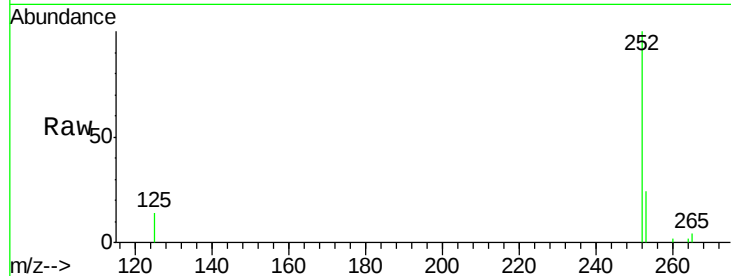
Tgt Ion:252 Resp: 5417

Ion Ratio Lower Upper

252 100

253 24.1 18.5 27.7

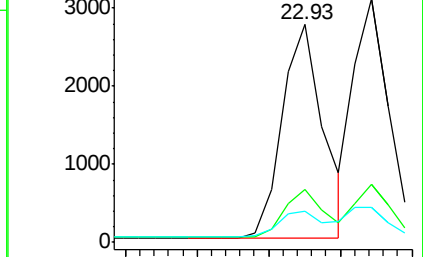
125 14.3 13.4 20.0



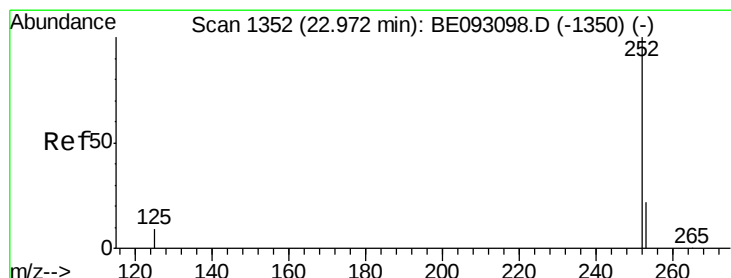
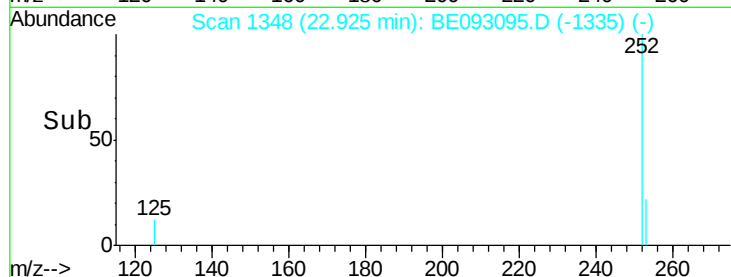
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 22.80 22.85 22.90 22.95



#36

Benzo(k)fluoranthene

Concen: 0.347 ng

RT: 22.97 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

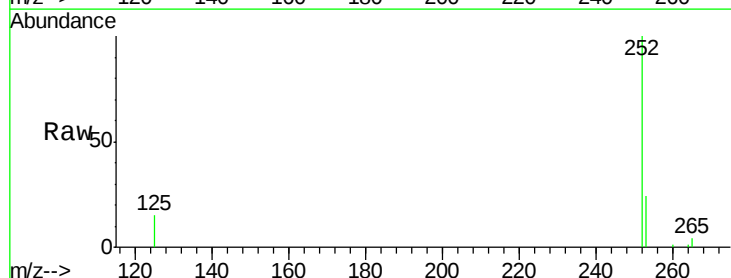
Tgt Ion:252 Resp: 5317

Ion Ratio Lower Upper

252 100

253 24.1 20.3 30.5

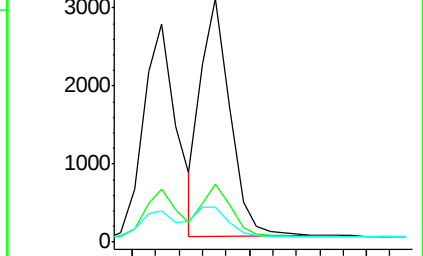
125 14.5 12.2 18.4



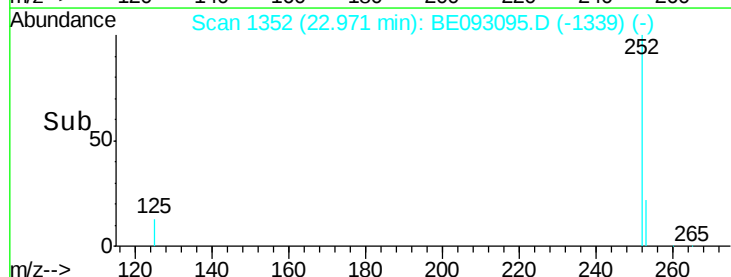
Abundance Ion 252.00 (251.70 to 252.70): E

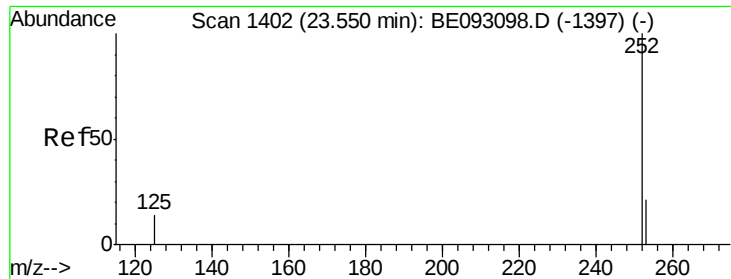
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 22.90 23.00 23.10





#37

Benzo(a)pyrene

Concen: 0.337 ng

RT: 23.55 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

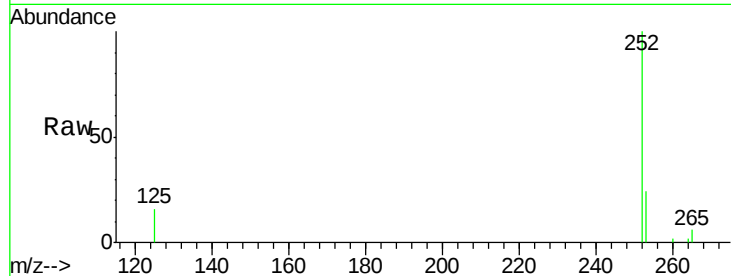
Tgt Ion: 252 Resp: 4637

Ion Ratio Lower Upper

252 100

253 24.0 19.9 29.9

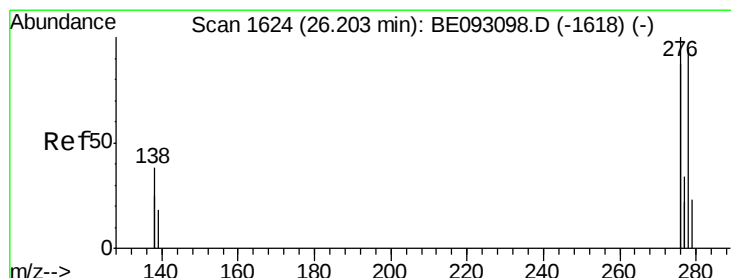
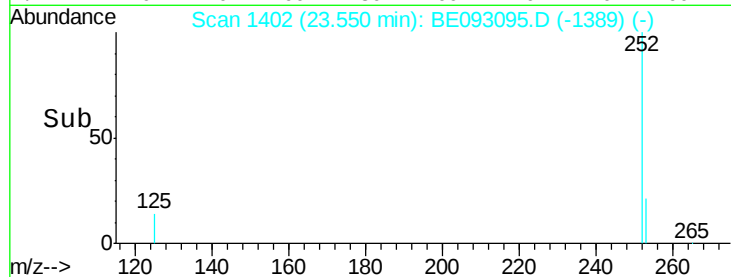
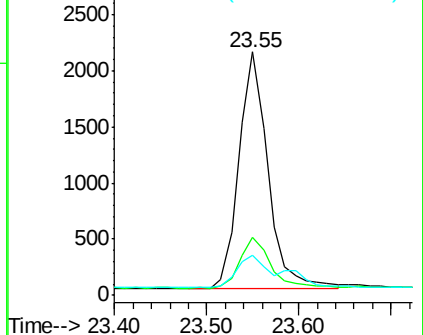
125 16.5 14.6 21.8



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: 0.346 ng

RT: 26.20 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE093095.D

Acq: 12 Jun 2017 9:08

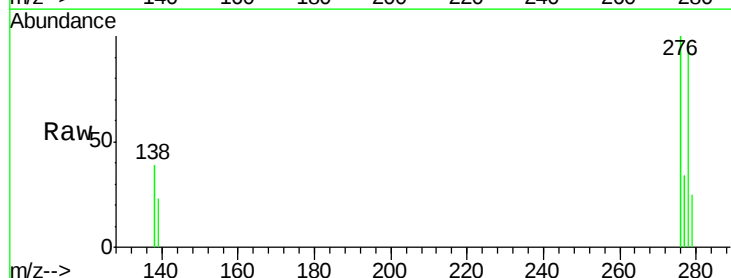
Tgt Ion: 278 Resp: 4954

Ion Ratio Lower Upper

278 100

139 23.6 21.4 32.0

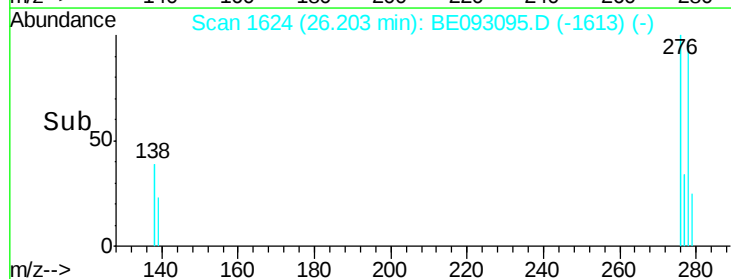
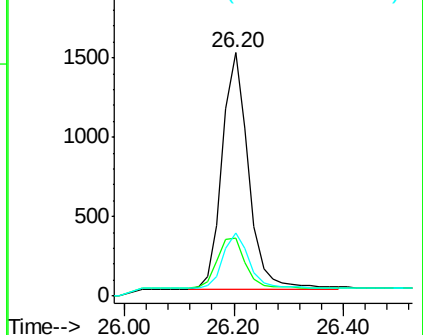
279 26.2 22.2 33.2

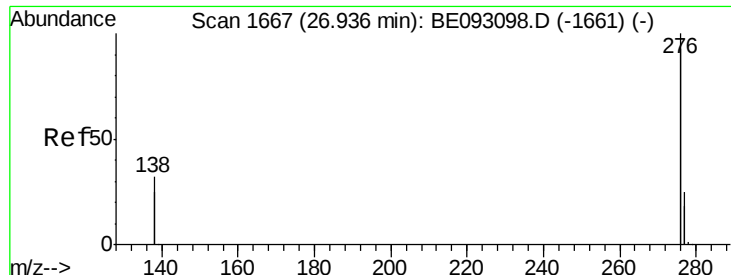


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.342 ng

RT: 26.95 min Scan# 1668

Delta R.T. 0.02 min

Lab File: BE093095.D

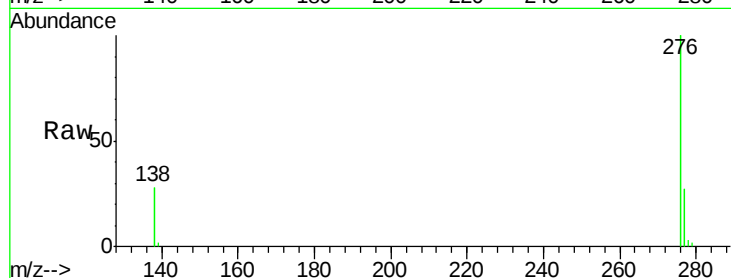
Acq: 12 Jun 2017 9:08

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 19789

Ion Ratio Lower Upper

276 100

277 27.2 21.2 31.8

138 27.9 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

