

Data File : BE093325.D
Acq On : 22 Jun 2017 12:23
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 23 07:11:01 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	7.73	152	225	0.40	ng	-0.02
7) Naphthalene-d8	10.51	136	1217	0.40	ng	-0.02
13) Acenaphthene-d10	14.37	164	688	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	1196	0.40	ng	-0.03
27) Chrysene-d12	21.25	240	1563	0.40	ng	-0.02
34) Perylene-d12	23.67	264	1279	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	333	0.50	ng	0.00
5) Phenol-d6	6.90	99	1021	1.05	ng	0.00
8) Nitrobenzene-d5	8.88	82	471	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.10	152	852	0.47	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	79	0.50	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	1202	0.41	ng	0.00
25) Fluoranthene-d10	19.11	212	2386	0.61	ng	0.00
29) Terphenyl-d14	19.72	244	1406	0.47	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	183	0.37	ng	97
3) n-Nitrosodimethylamine	3.59	42	180	0.42	ng	94
6) bis(2-Chloroethyl)ether	7.15	93	379	0.45	ng	# 99
9) Naphthalene	10.56	128	1403	0.43	ng	94
10) Hexachlorobutadiene	10.85	225	183	0.41	ng	98
12) 2-Methylnaphthalene	12.18	142	913	0.45	ng	97
16) Acenaphthylene	14.08	152	5346	0.45	ng	99
17) Acenaphthene	14.42	154	933	0.42	ng	98
18) Fluorene	15.41	166	1133	0.42	ng	100
20) 4-Bromophenyl-phenylether	16.33	248	230	0.32	ng	# 91
21) Hexachlorobenzene	16.44	284	325	0.51	ng	# 100
22) Pentachlorophenol	16.79	266	98	0.47	ng	90
23) Phenanthrene	17.16	178	2075	0.38	ng	97
24) Anthracene	17.25	178	2070	0.45	ng	99
26) Fluoranthene	19.14	202	7988	0.41	ng	# 59
28) Pyrene	19.51	202	8648	0.45	ng	# 98
30) Benzo(a)anthracene	21.23	228	1892	0.45	ng	# 88
31) Chrysene	21.28	228	1888	0.42	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.16	149	849	0.49	ng	99
33) Indeno(1,2,3-cd)pyrene	26.17	276	7159	0.43	ng	99
35) Benzo(b)fluoranthene	22.93	252	1921	0.47	ng	95
36) Benzo(k)fluoranthene	22.97	252	1611	0.41	ng	97
37) Benzo(a)pyrene	23.55	252	1590	0.45	ng	96
38) Dibenzo(a,h)anthracene	26.20	278	1576	0.43	ng	96
39) Benzo(g,h,i)perylene	26.95	276	6298	0.42	ng	93

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

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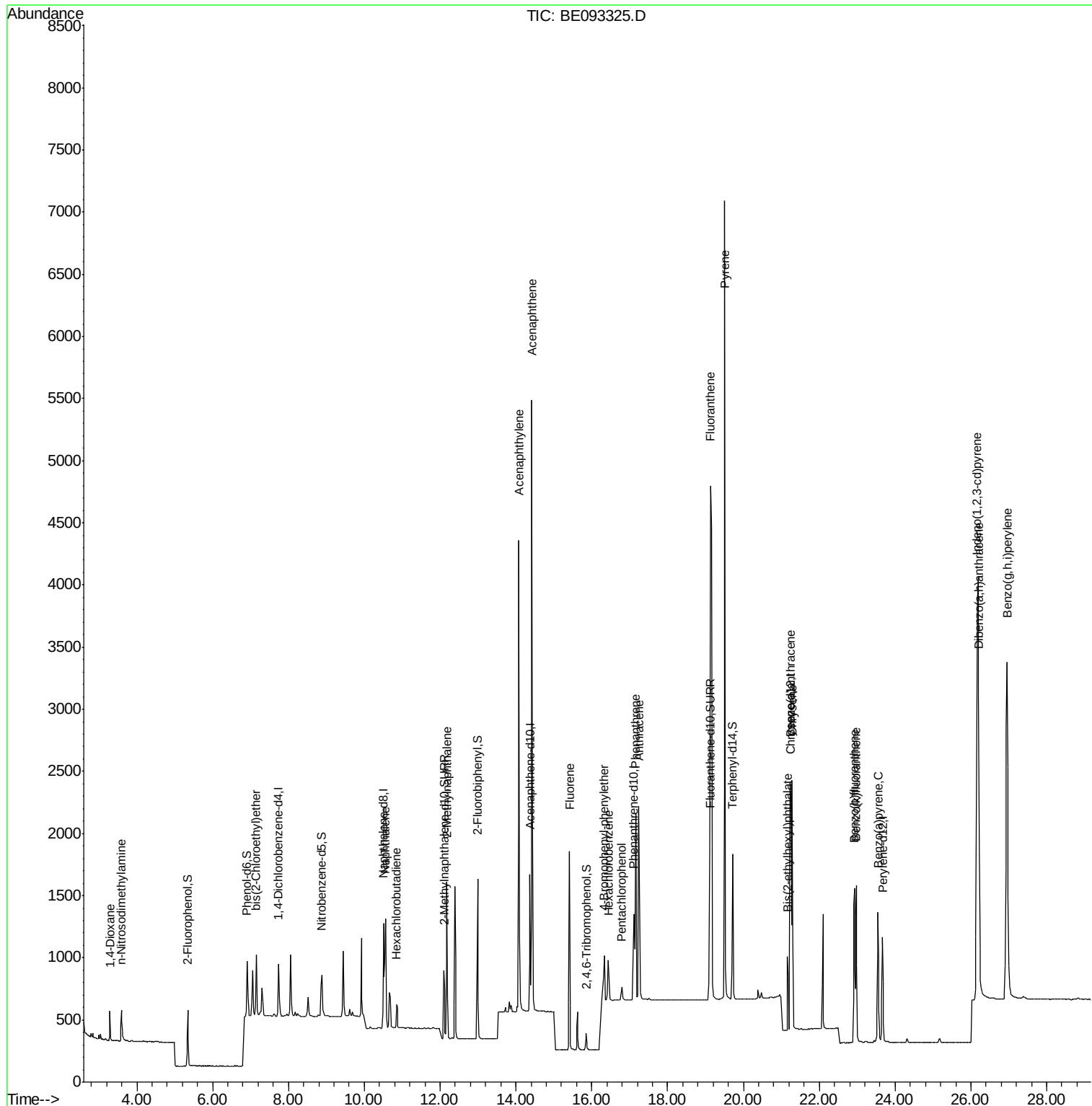
Quant Time: Jun 23 07:11:01 2017

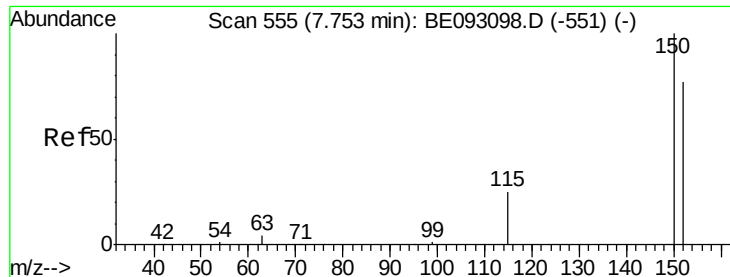
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M

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: 0.40 ng

RT: 7.73 min Scan# 554

Delta R.T. -0.02 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

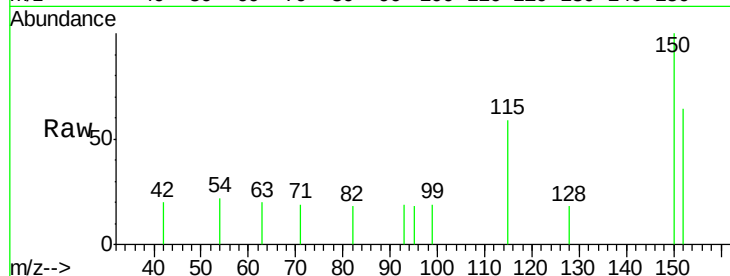
Tgt Ion: 152 Resp: 225

Ion Ratio Lower Upper

152 100

150 156.2 125.1 187.7

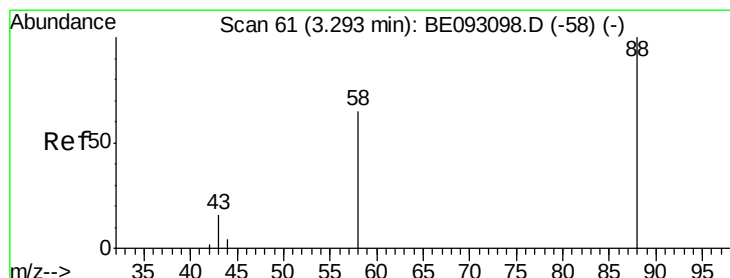
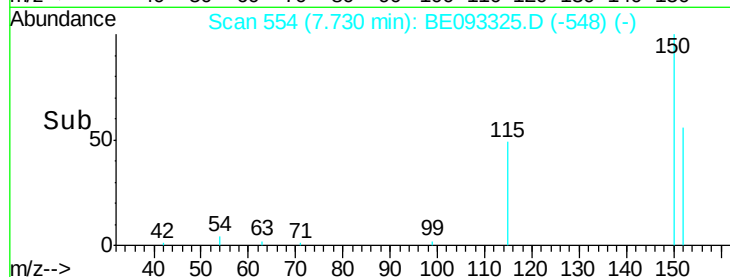
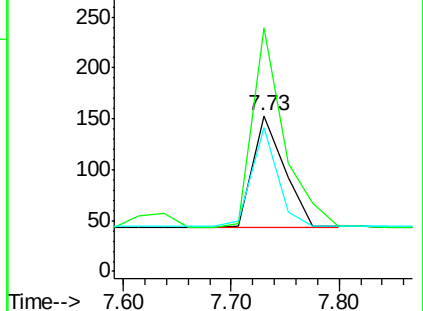
115 92.8 55.7 83.5#



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: 0.37 ng

RT: 3.29 min Scan# 61

Delta R.T. 0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

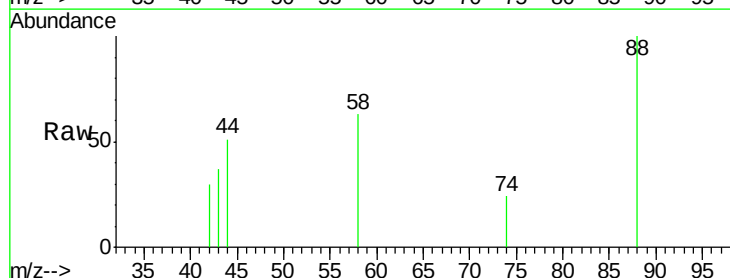
Tgt Ion: 88 Resp: 183

Ion Ratio Lower Upper

88 100

58 74.9 62.2 93.4

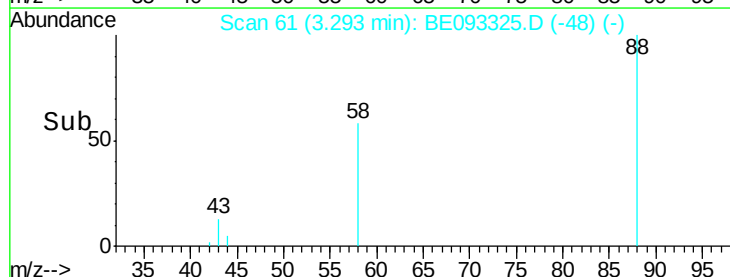
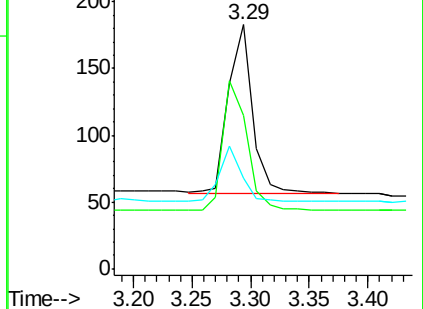
43 27.9 23.2 34.8

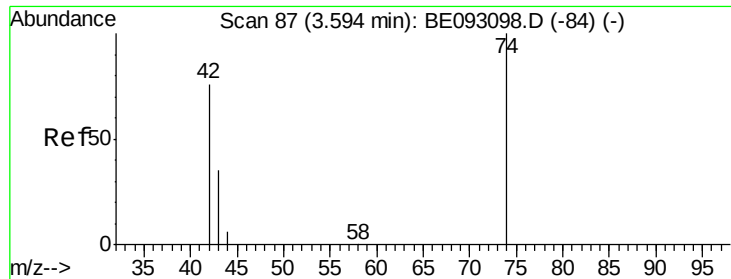


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

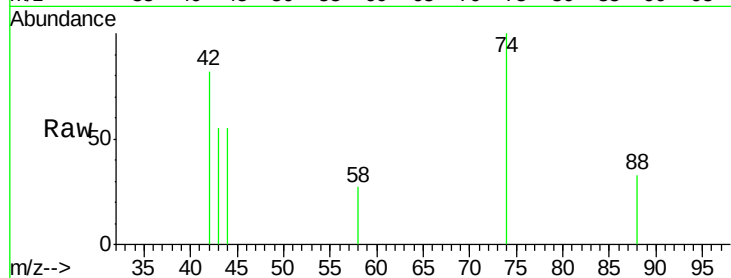




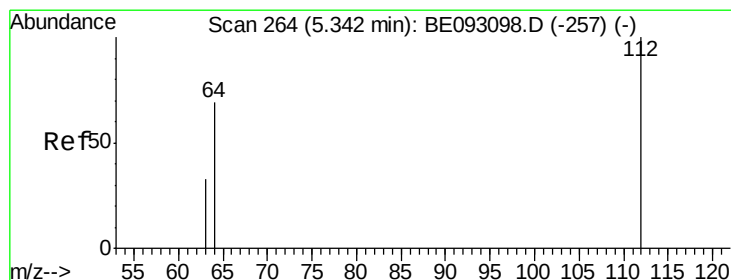
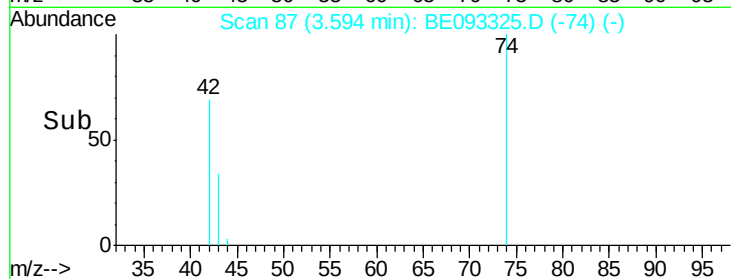
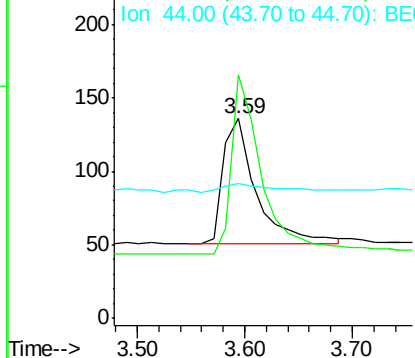
#3
n-Nitrosodimethylamine
Concen: 0.42 ng
RT: 3.59 min Scan# 87
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 180
Ion Ratio Lower Upper
42 100
74 130.6 99.1 148.7
44 10.6 7.4 11.2

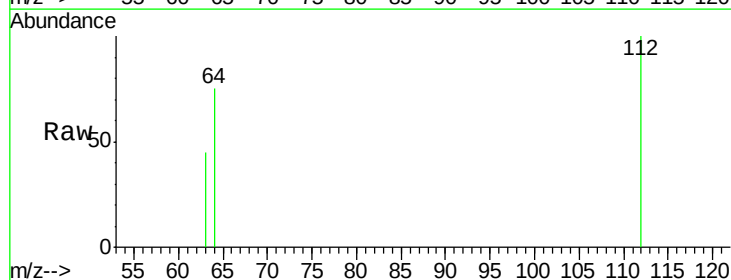


Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0

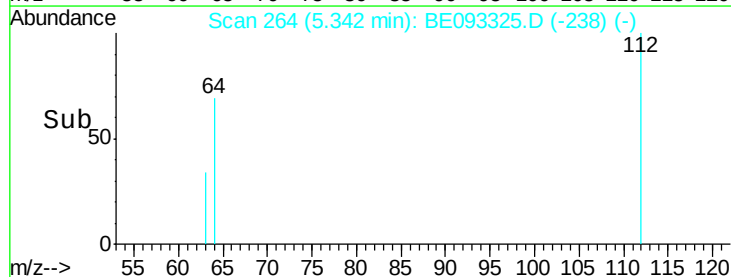
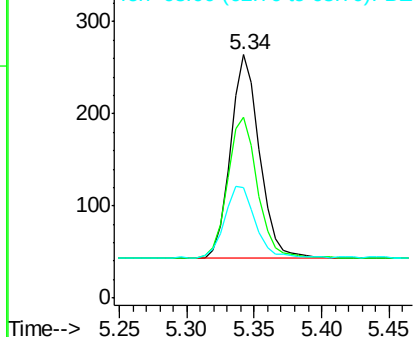


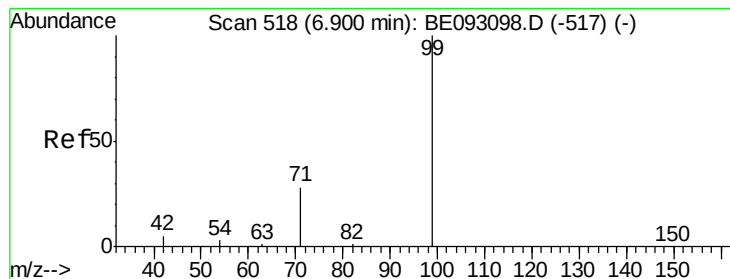
#4
2-Fluorophenol
Concen: 0.50 ng
RT: 5.34 min Scan# 264
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Tgt Ion: 112 Resp: 333
Ion Ratio Lower Upper
112 100
64 72.4 56.4 84.6
63 36.6 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.05 ng

RT: 6.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

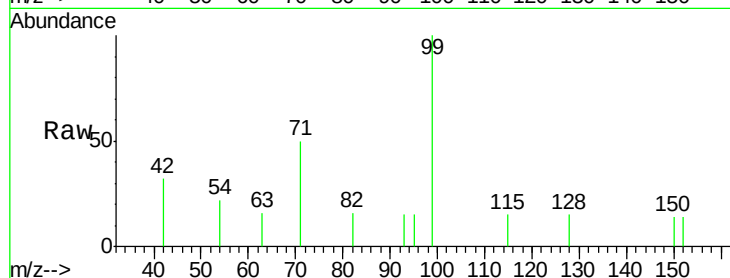
Tgt Ion: 99 Resp: 1021

Ion Ratio Lower Upper

99 100

42 57.8 0.0 0.0#

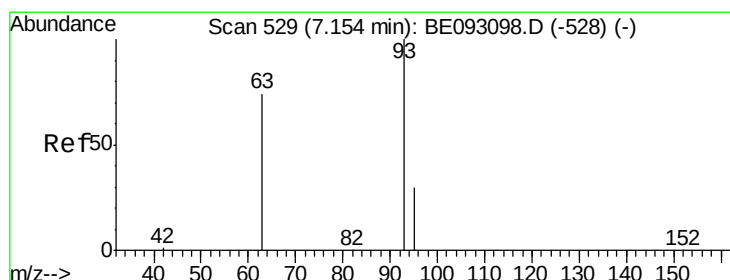
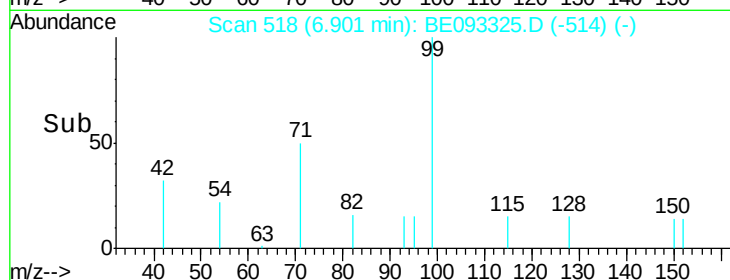
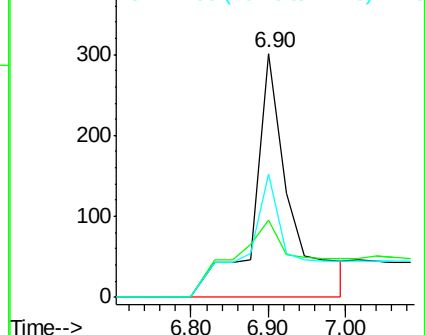
71 63.0 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.45 ng

RT: 7.15 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

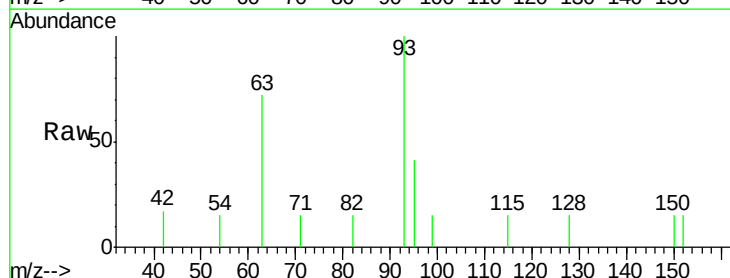
Tgt Ion: 93 Resp: 379

Ion Ratio Lower Upper

93 100

63 82.3 0.0 0.0#

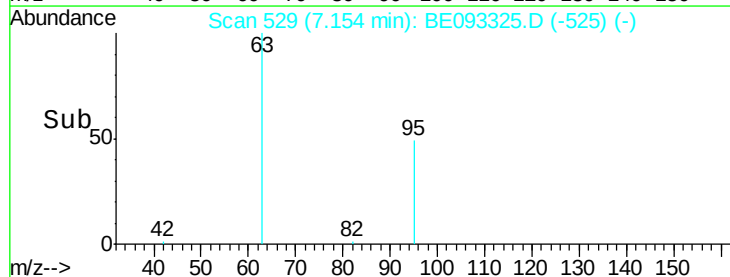
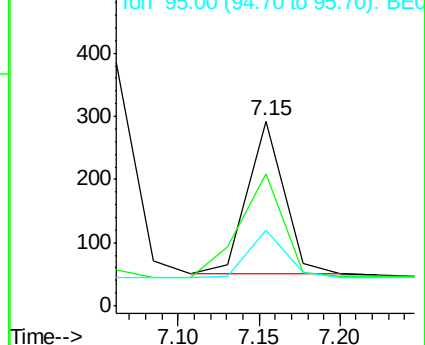
95 32.5 25.4 38.0

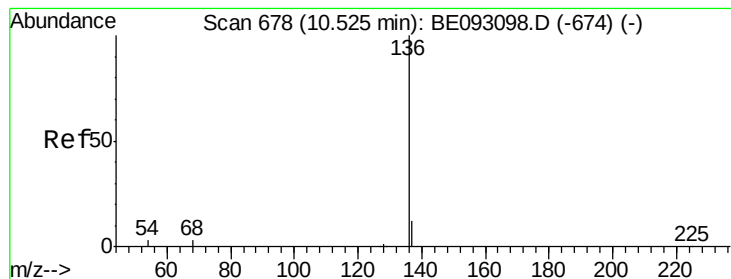


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.51 min Scan# 677

Delta R.T. -0.02 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 1217

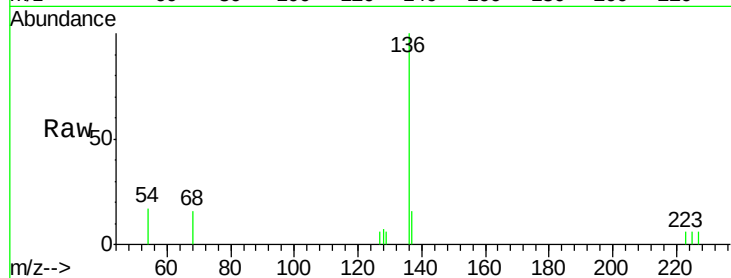
Ion Ratio Lower Upper

136 100

137 15.8 9.8 14.8#

54 16.9 10.3 15.5#

68 15.6 9.0 13.4#

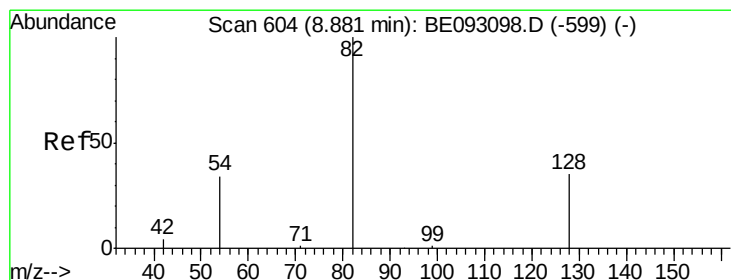
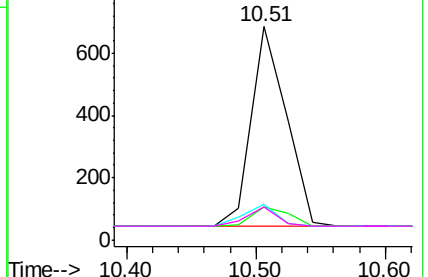
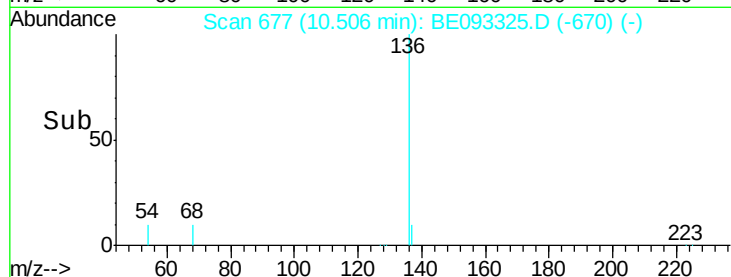


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.48 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

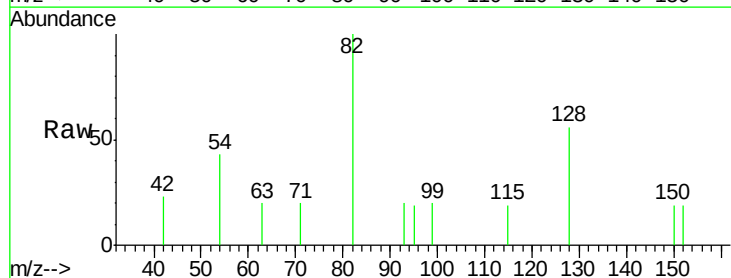
Tgt Ion: 82 Resp: 471

Ion Ratio Lower Upper

82 100

128 56.1 17.0 25.4#

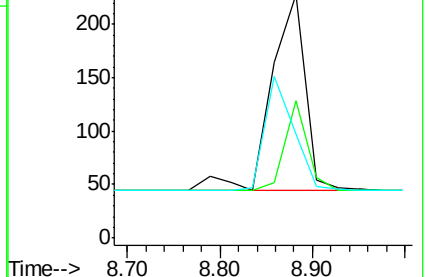
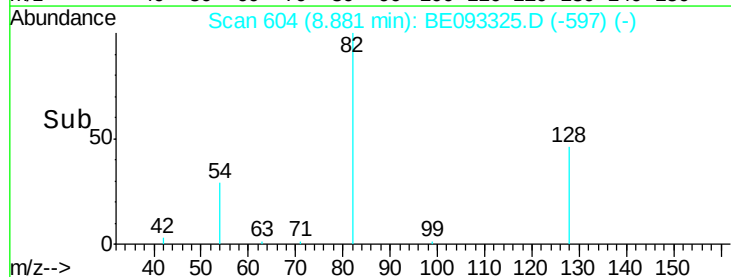
54 42.5 53.8 80.6#

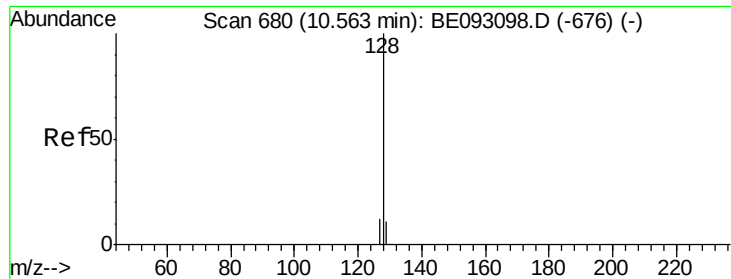


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.43 ng

RT: 10.56 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

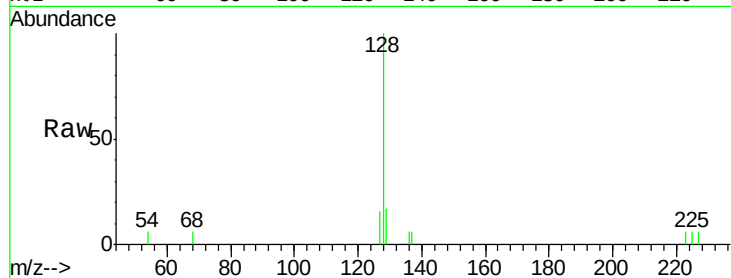
Tgt Ion:128 Resp: 1403

Ion Ratio Lower Upper

128 100

129 16.7 11.4 17.0

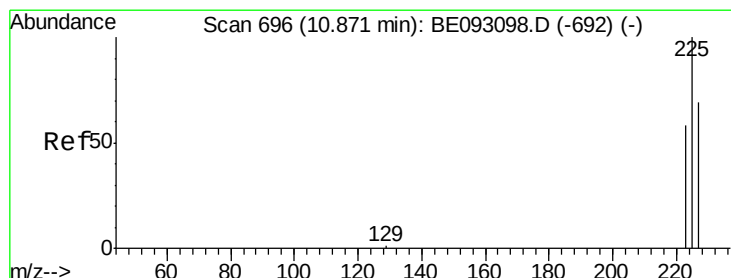
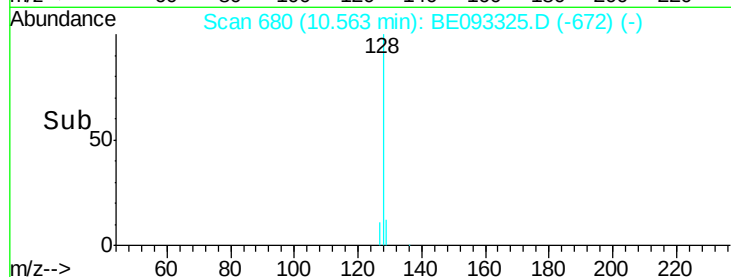
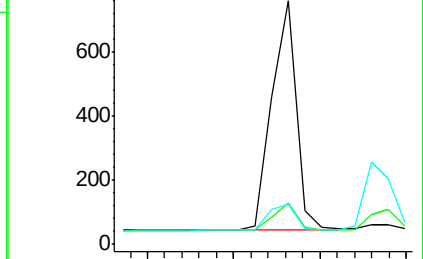
127 16.3 11.2 16.8



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: 0.41 ng

RT: 10.85 min Scan# 695

Delta R.T. -0.02 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

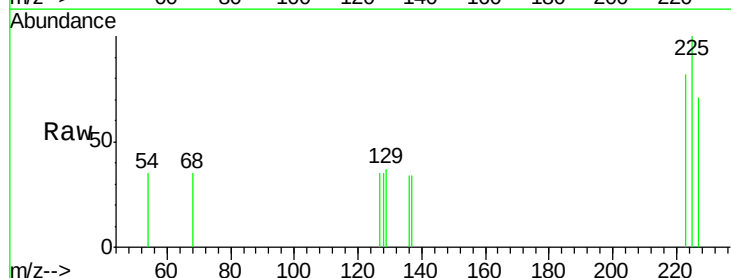
Tgt Ion:225 Resp: 183

Ion Ratio Lower Upper

225 100

223 63.4 49.7 74.5

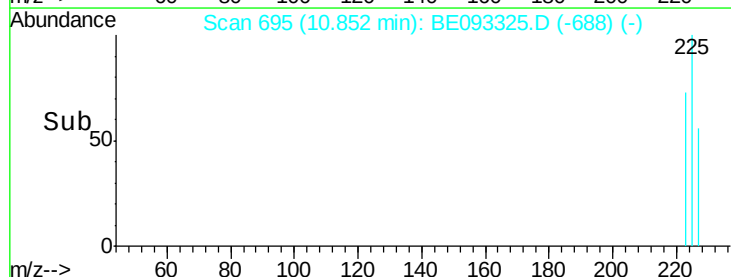
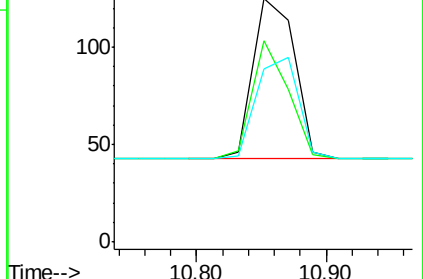
227 64.5 50.3 75.5

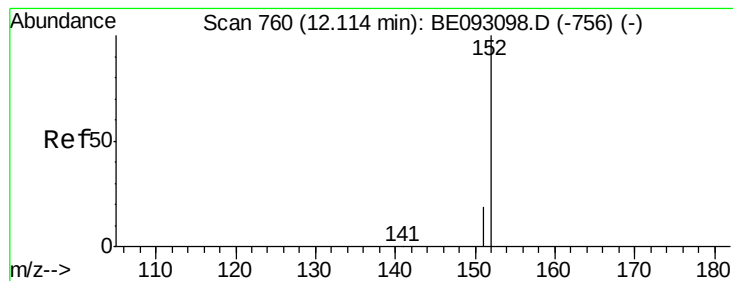


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.47 ng

RT: 12.10 min Scan# 759

Delta R.T. -0.01 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

Instrument :

BNA_E

ClientSampleId :

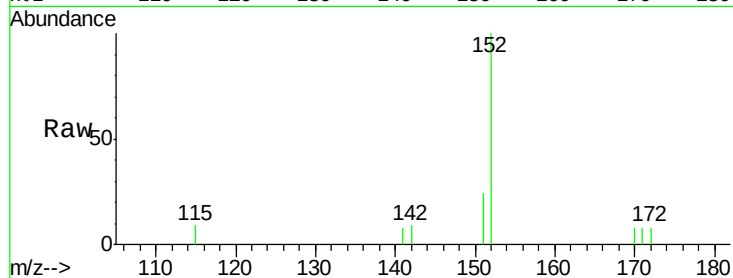
SSTDCCC0.4

Tgt Ion:152 Resp: 852

Ion Ratio Lower Upper

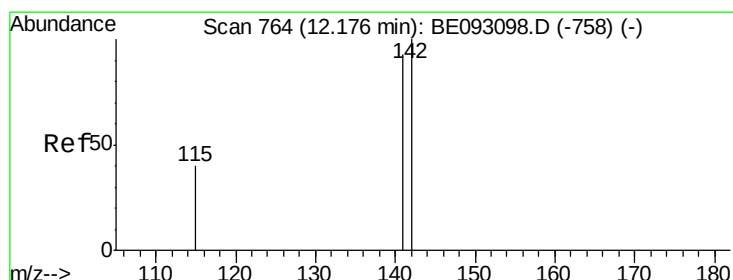
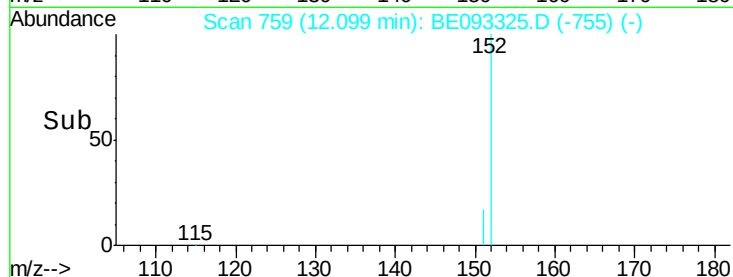
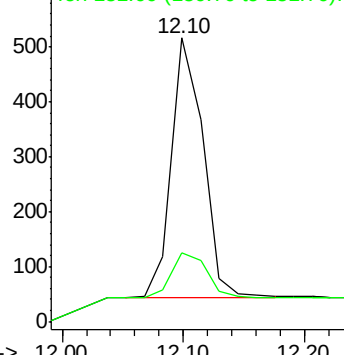
152 100

151 19.2 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: 0.45 ng

RT: 12.18 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

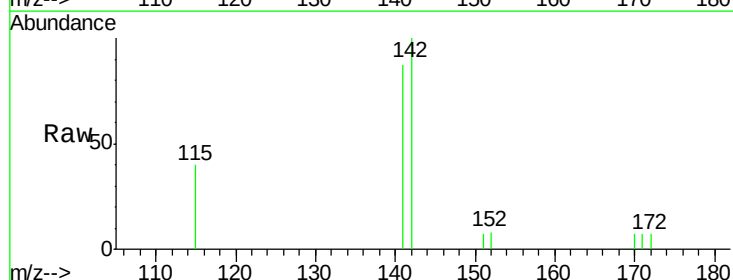
Tgt Ion:142 Resp: 913

Ion Ratio Lower Upper

142 100

141 87.1 72.6 108.8

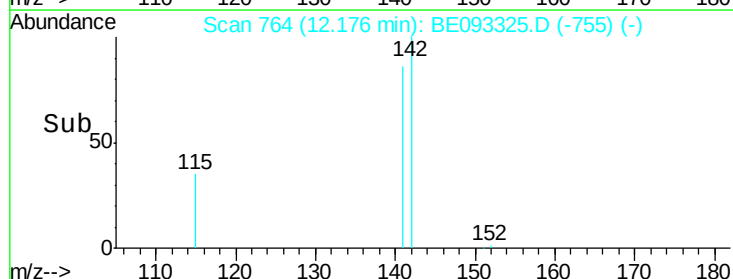
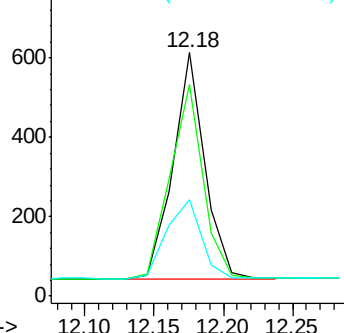
115 39.6 32.2 48.2

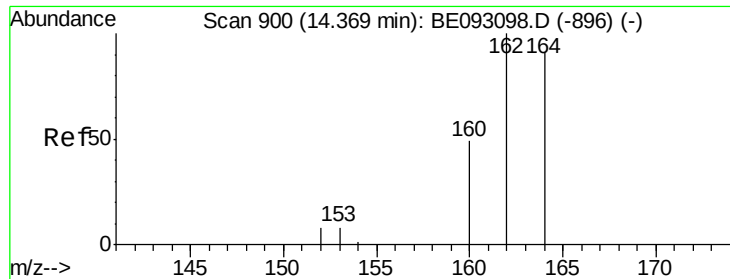


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.37 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

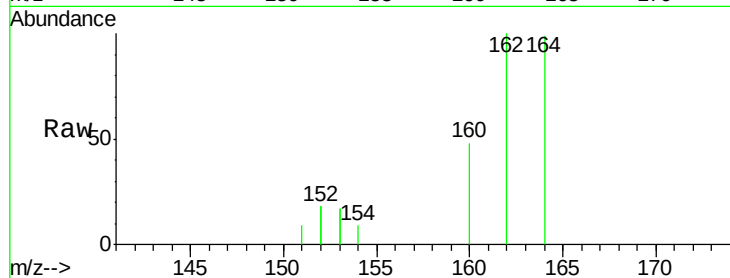
Tgt Ion:164 Resp: 688

Ion Ratio Lower Upper

164 100

162 100.6 84.6 127.0

160 48.5 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

14.37

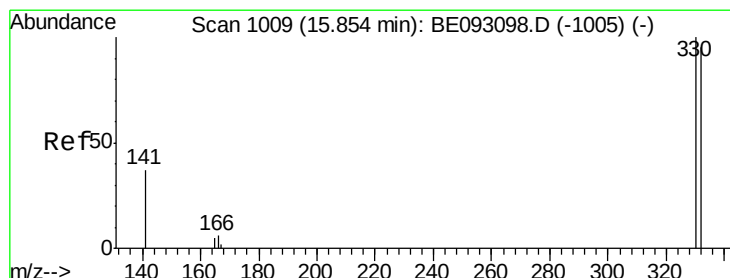
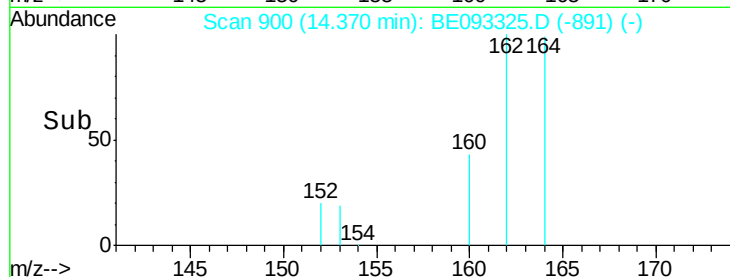
400

200

0

14.30 14.40

Time-->



#14

2,4,6-Tribromophenol

Concen: 0.50 ng

RT: 15.85 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

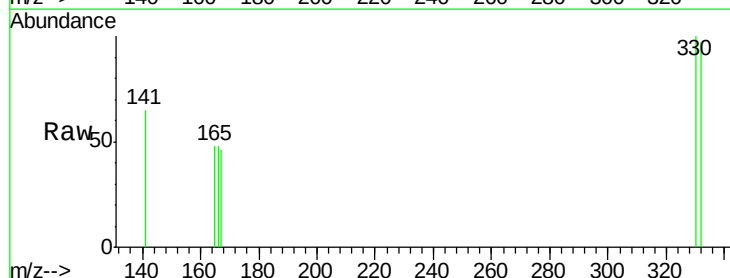
Tgt Ion:330 Resp: 79

Ion Ratio Lower Upper

330 100

332 96.2 77.7 116.5

141 57.0 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

15.85

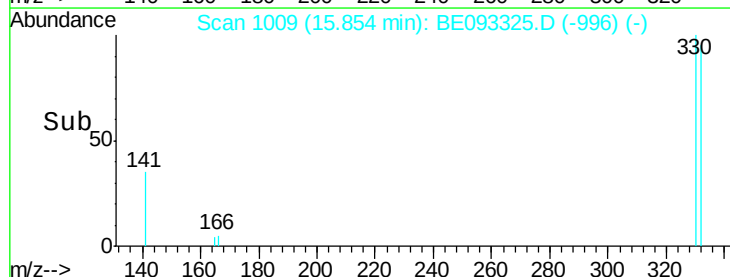
100

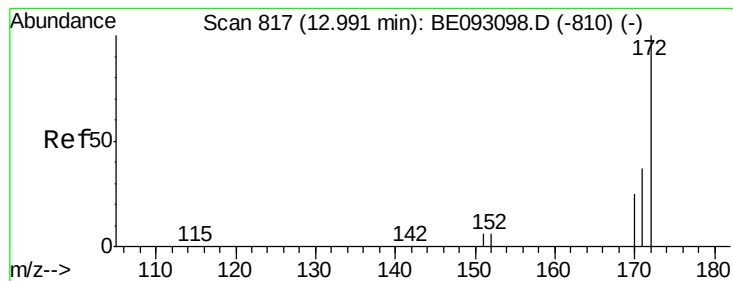
50

0

15.80 15.90

Time-->





#15

2-Fluorobiphenyl

Concen: 0.41 ng

RT: 12.99 min Scan# 817

Delta R.T. 0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

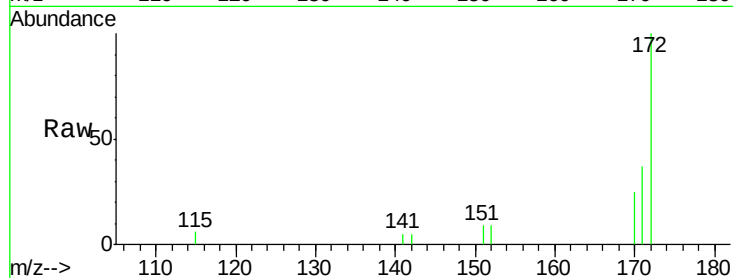
Tgt Ion:172 Resp: 1202

Ion Ratio Lower Upper

172 100

171 36.9 29.8 44.6

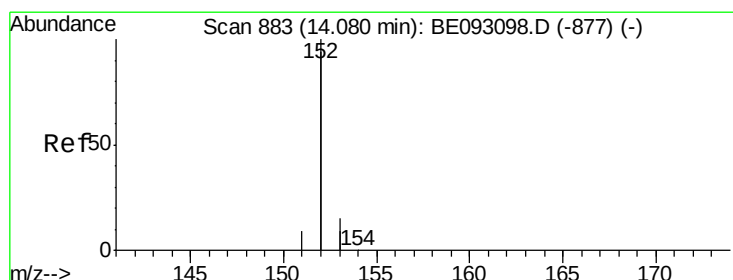
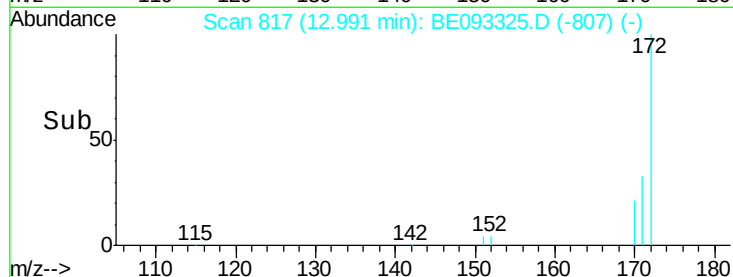
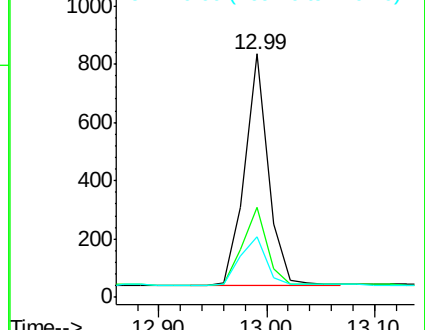
170 24.9 20.7 31.1



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: 0.45 ng

RT: 14.08 min Scan# 883

Delta R.T. 0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

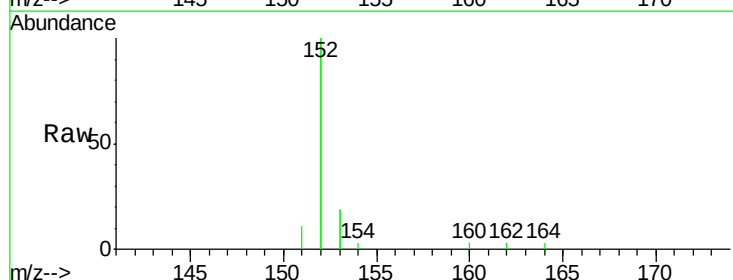
Tgt Ion:152 Resp: 5346

Ion Ratio Lower Upper

152 100

151 4.9 4.0 6.0

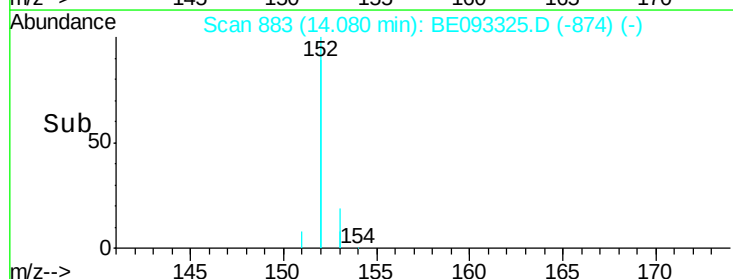
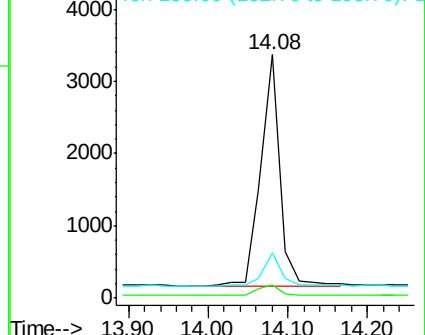
153 13.4 10.3 15.5

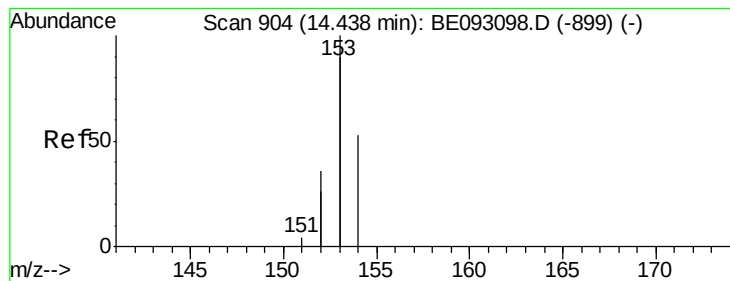


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.42 ng

RT: 14.42 min Scan# 903

Delta R.T. -0.02 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

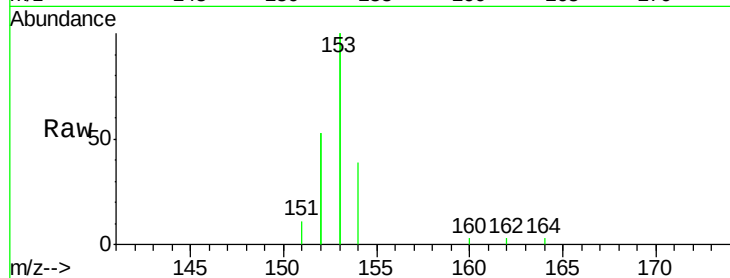
Tgt Ion:154 Resp: 933

Ion Ratio Lower Upper

154 100

153 460.8 367.8 551.6

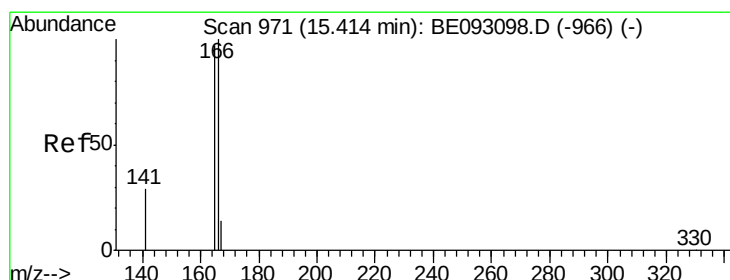
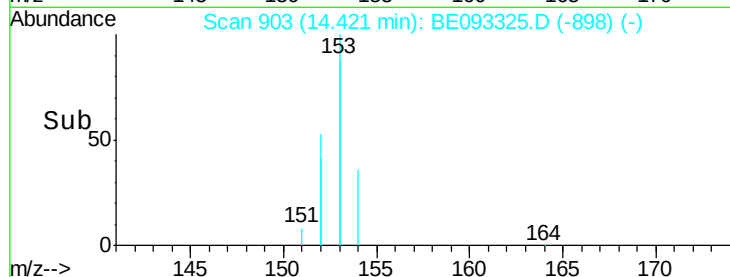
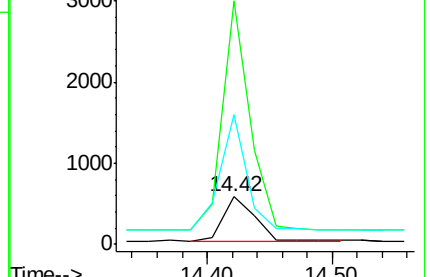
152 227.0 188.2 282.2



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: 0.42 ng

RT: 15.41 min Scan# 971

Delta R.T. 0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

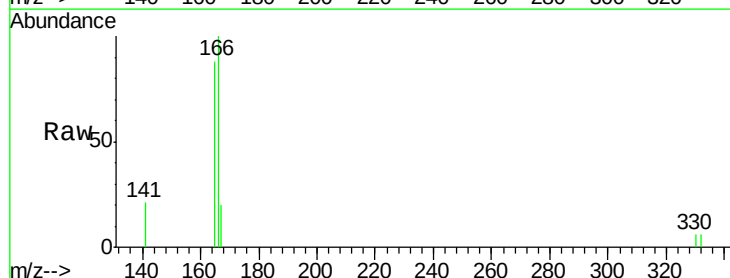
Tgt Ion:166 Resp: 1133

Ion Ratio Lower Upper

166 100

165 98.6 78.6 117.8

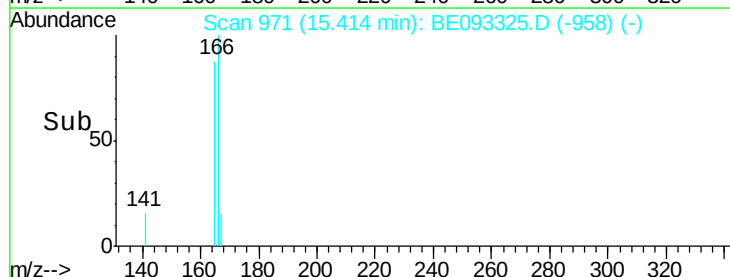
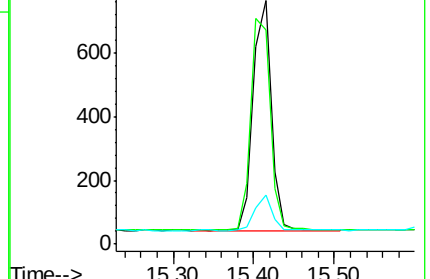
167 14.1 11.1 16.7

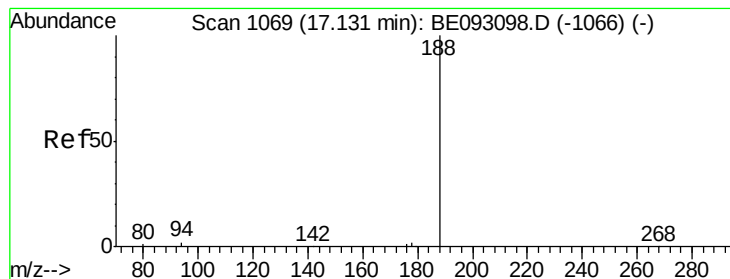


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.10 min Scan# 1068

Delta R.T. -0.03 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

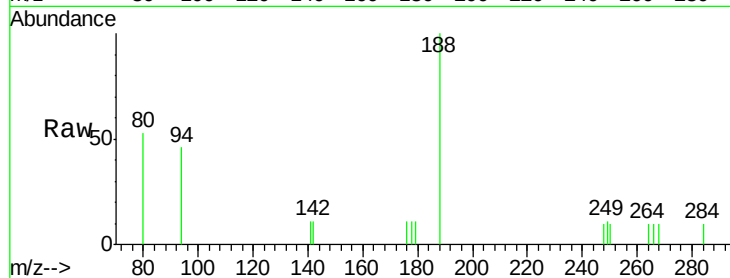
Tgt Ion:188 Resp: 1196

Ion Ratio Lower Upper

188 100

94 46.0 11.3 16.9#

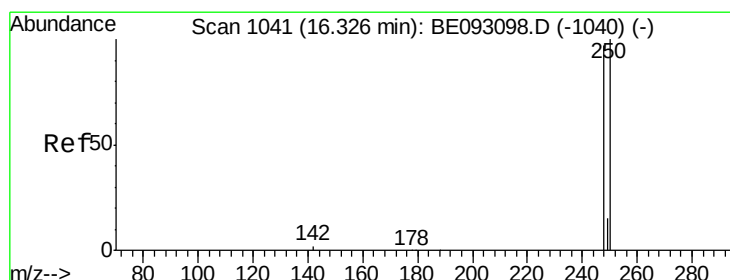
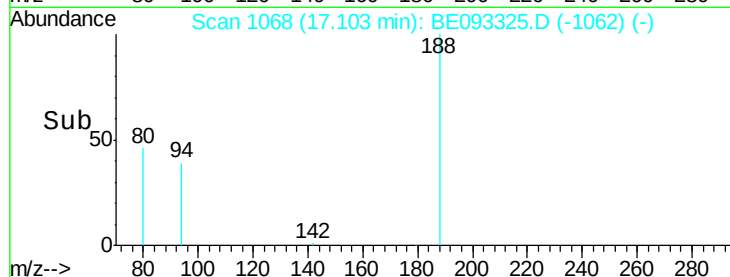
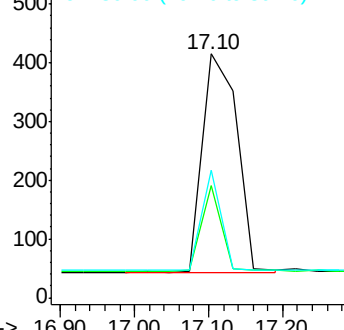
80 52.5 11.7 17.5#



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: 0.32 ng

RT: 16.33 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

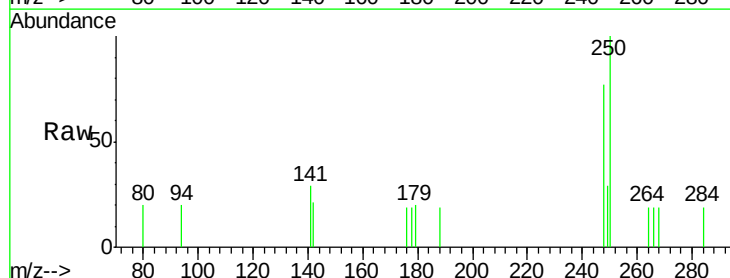
Tgt Ion:248 Resp: 230

Ion Ratio Lower Upper

248 100

250 130.5 100.0 150.0

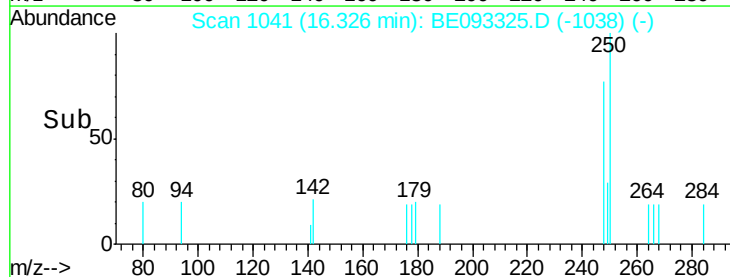
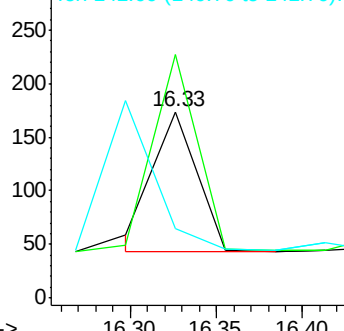
141 37.4 40.0 60.0#

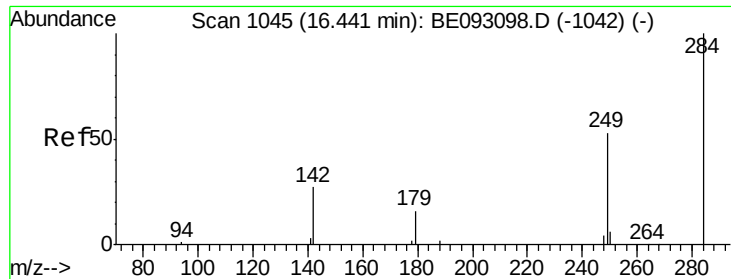


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

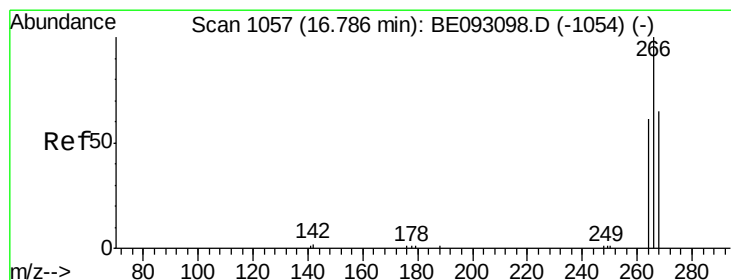
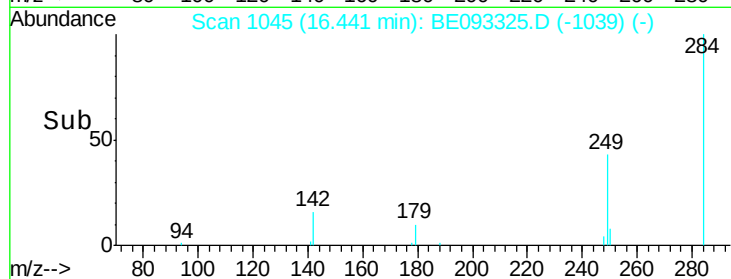
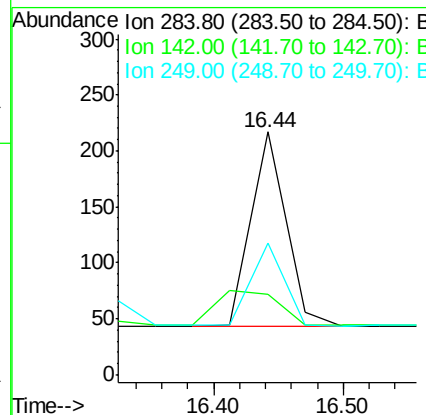
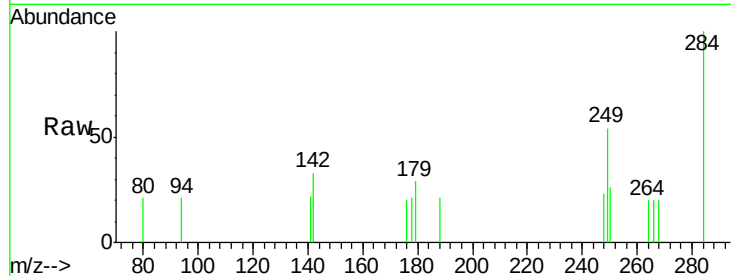




#21
Hexachlorobenzene
Concen: 0.51 ng
RT: 16.44 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

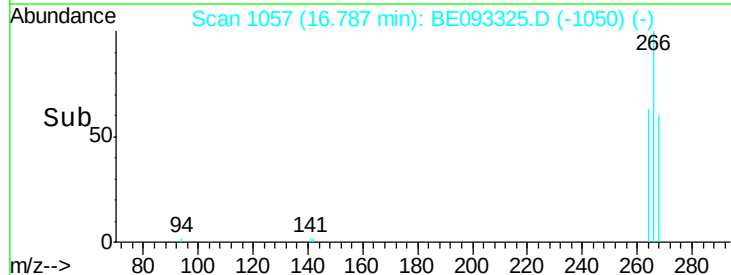
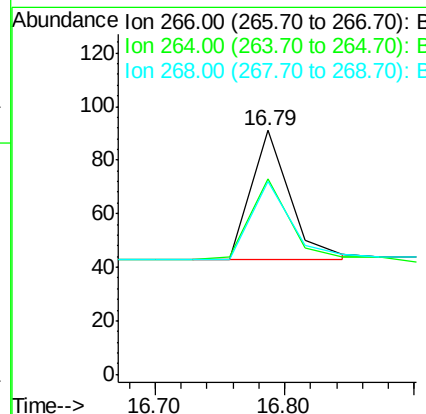
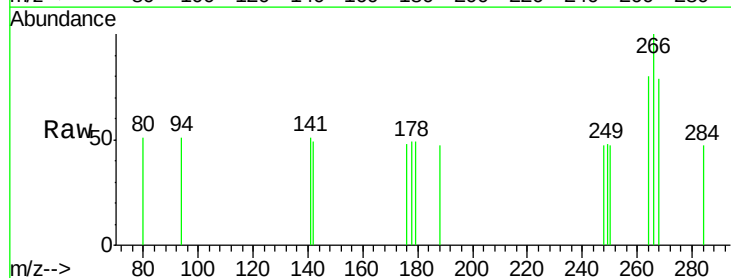
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

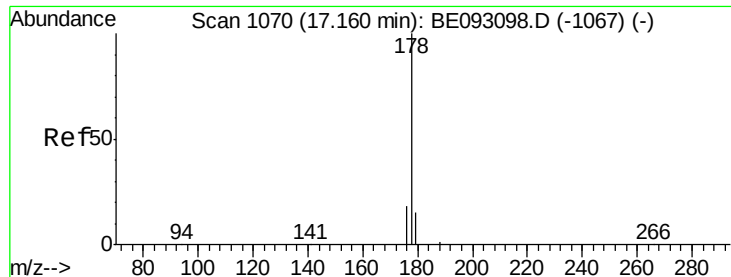
Tgt Ion: 284 Resp: 325
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 41.5 0.0 0.0#



#22
Pentachlorophenol
Concen: 0.47 ng
RT: 16.79 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE093325.D
Acq: 22 Jun 2017 12:23

Tgt Ion: 266 Resp: 98
Ion Ratio Lower Upper
266 100
264 80.2 58.2 87.2
268 79.1 71.9 107.9





#23

Phenanthrene

Concen: 0.38 ng

RT: 17.16 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

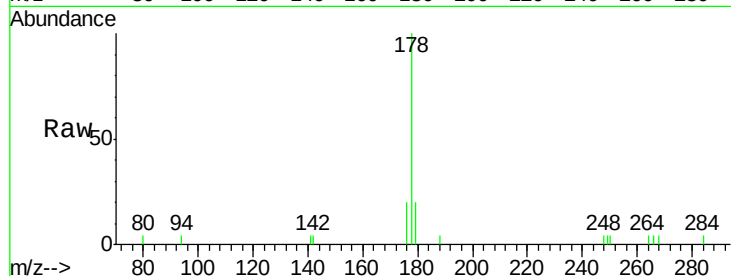
Tgt Ion:178 Resp: 2075

Ion Ratio Lower Upper

178 100

176 17.2 15.0 22.4

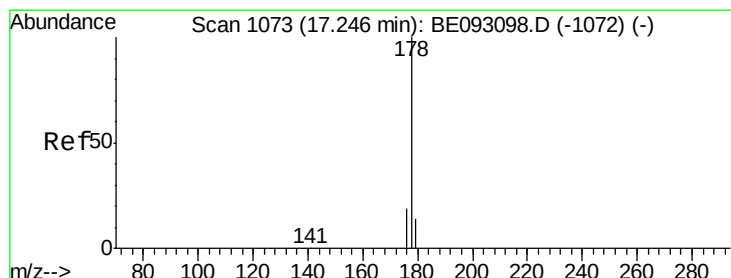
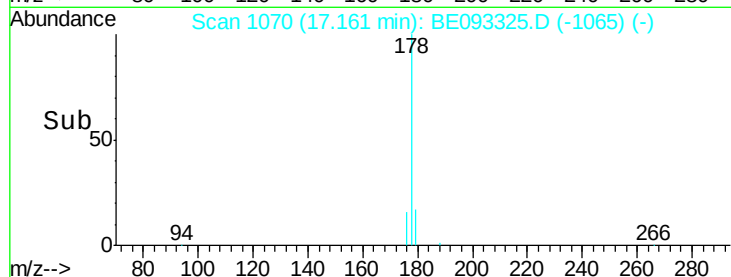
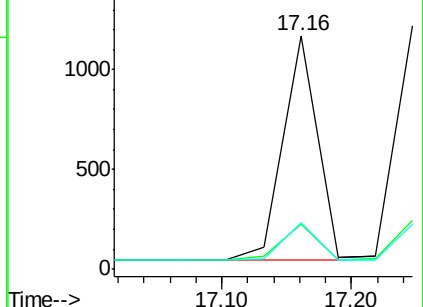
179 16.6 12.7 19.1



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: 0.45 ng

RT: 17.25 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

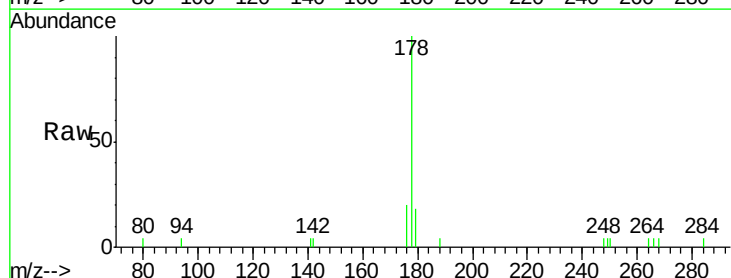
Tgt Ion:178 Resp: 2070

Ion Ratio Lower Upper

178 100

176 17.8 14.6 22.0

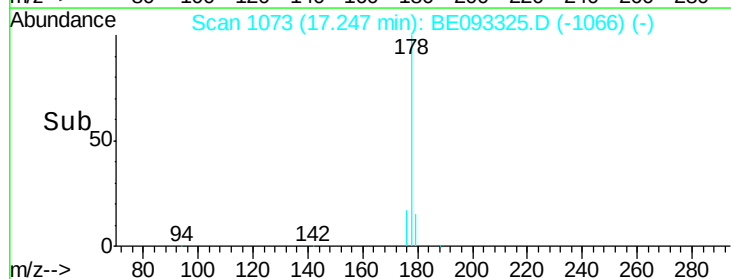
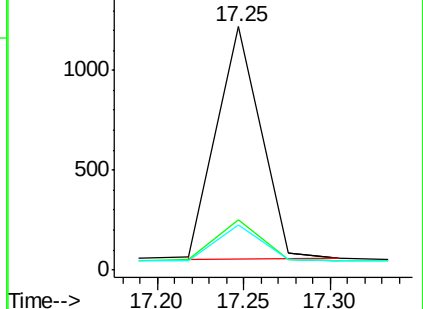
179 15.3 12.0 18.0

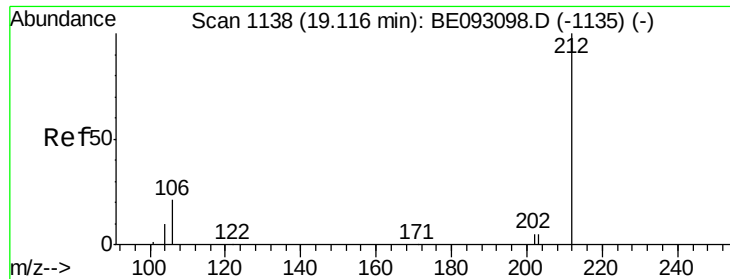


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

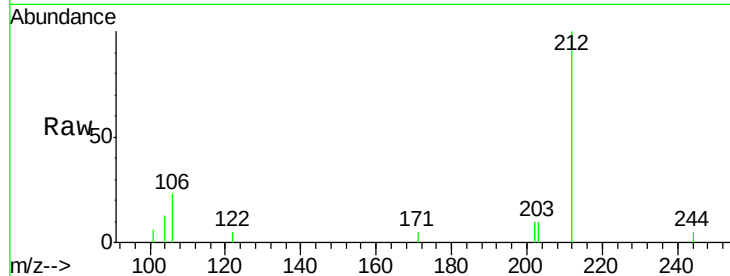




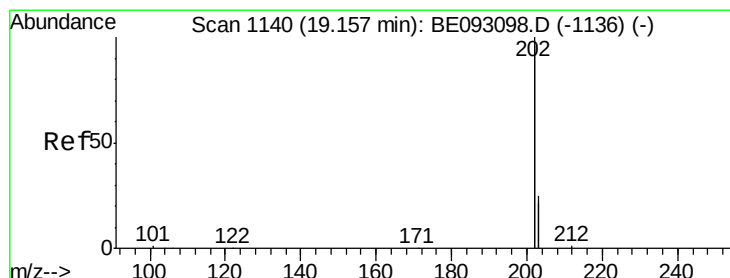
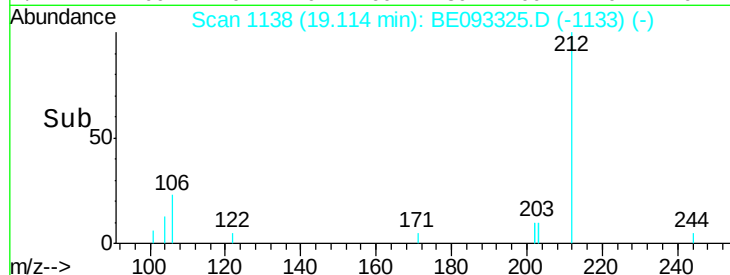
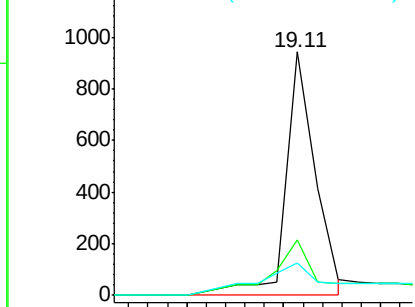
#25
 Fluoranthene-d10
 Concen: 0.61 ng
 RT: 19.11 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BE093325.D
 Acq: 22 Jun 2017 12:23

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion: 212 Resp: 2386
 Ion Ratio Lower Upper
 212 100
 106 32.0 0.0 0.0#
 104 25.6 0.0 0.0#

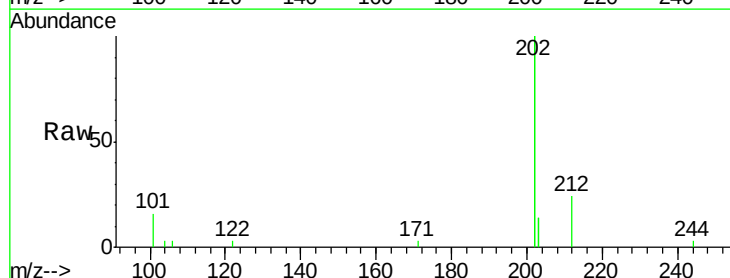


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

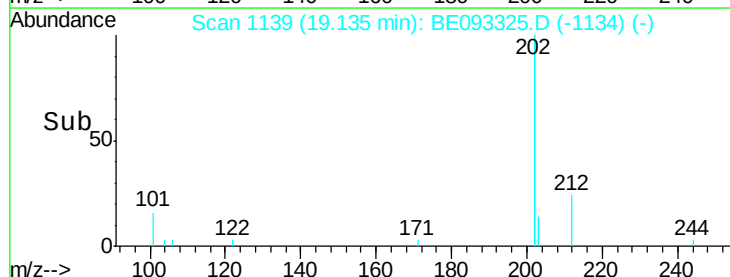
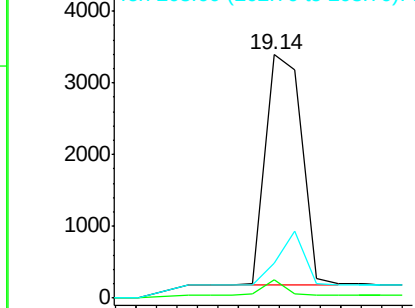


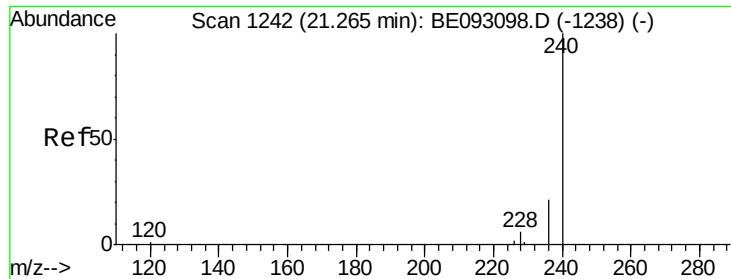
#26
 Fluoranthene
 Concen: 0.41 ng
 RT: 19.14 min Scan# 1139
 Delta R.T. -0.02 min
 Lab File: BE093325.D
 Acq: 22 Jun 2017 12:23

Tgt Ion: 202 Resp: 7988
 Ion Ratio Lower Upper
 202 100
 101 4.0 0.0 0.0#
 203 0.0 14.4 21.6#



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.25 min Scan# 1241

Delta R.T. -0.02 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

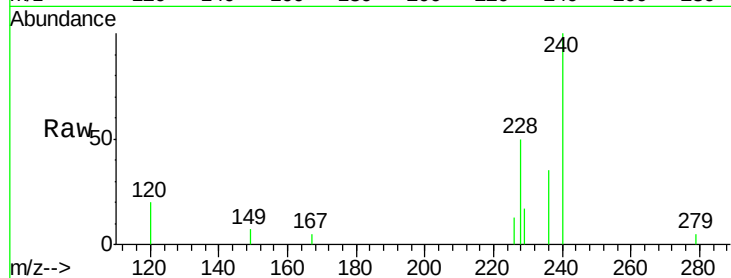
Tgt Ion:240 Resp: 1563

Ion Ratio Lower Upper

240 100

120 20.1 4.6 7.0#

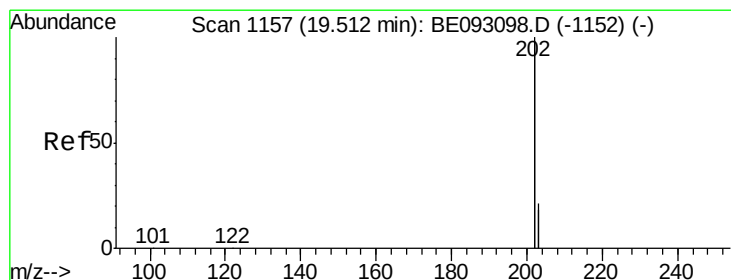
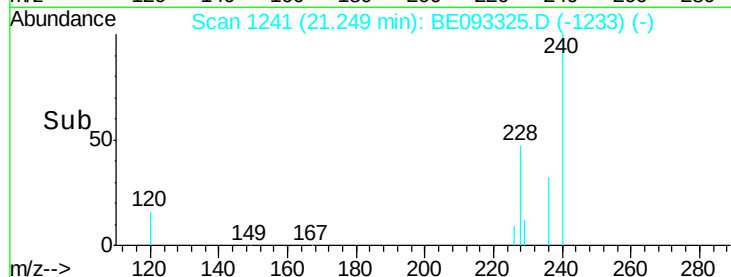
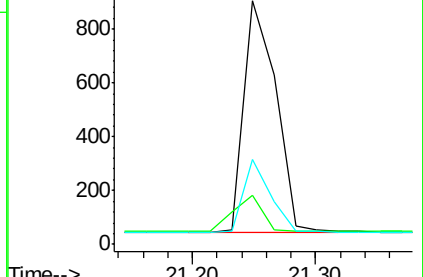
236 34.9 20.8 31.2#



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: 0.45 ng

RT: 19.51 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

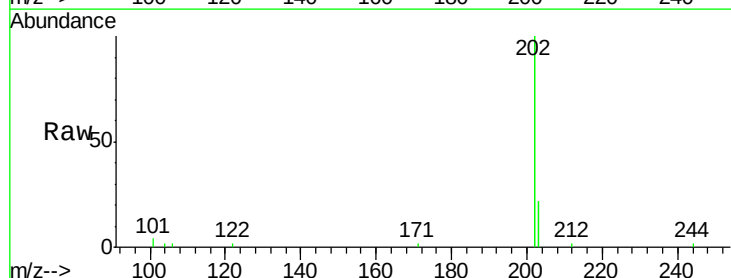
Tgt Ion:202 Resp: 8648

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

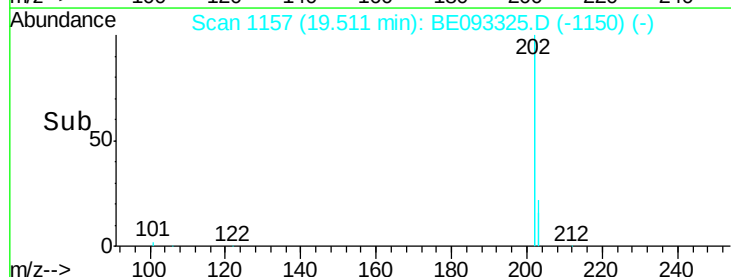
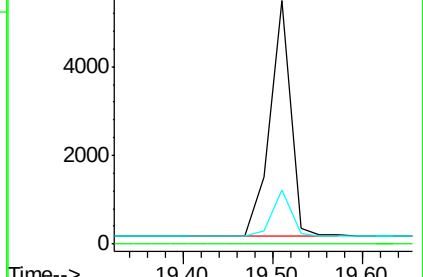
203 18.0 13.7 20.5

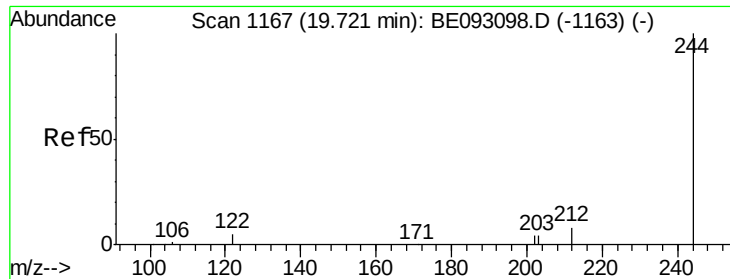


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.47 ng

RT: 19.72 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

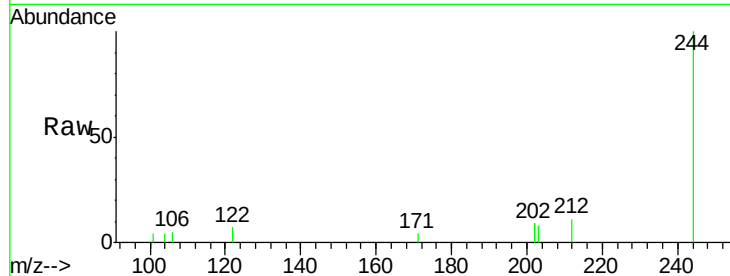
Tgt Ion:244 Resp: 1406

Ion Ratio Lower Upper

244 100

212 11.4 10.6 16.0

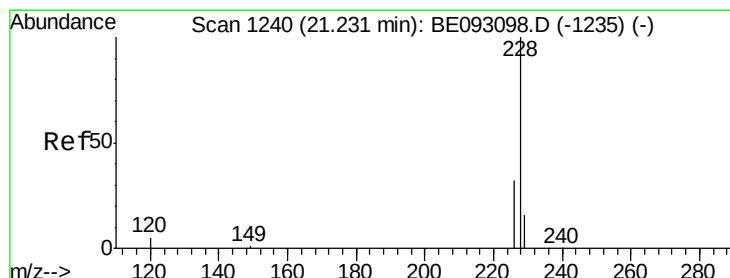
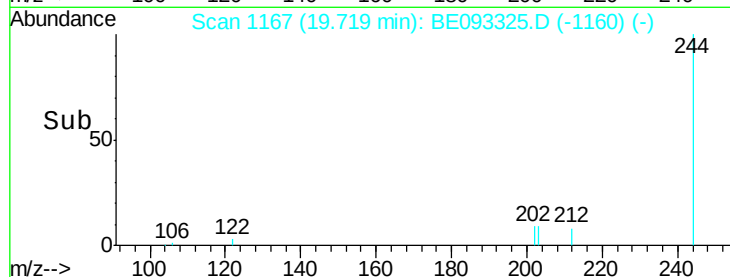
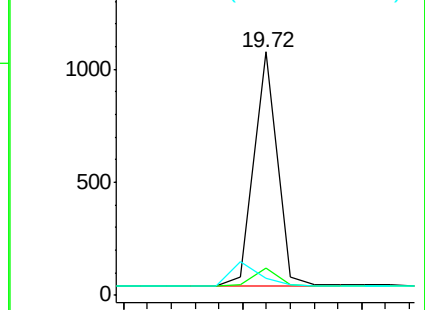
122 7.1 15.4 23.0#



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: 0.45 ng

RT: 21.23 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

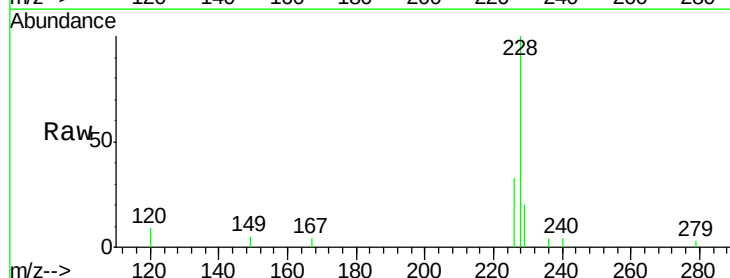
Tgt Ion:228 Resp: 1892

Ion Ratio Lower Upper

228 100

226 32.8 19.7 29.5#

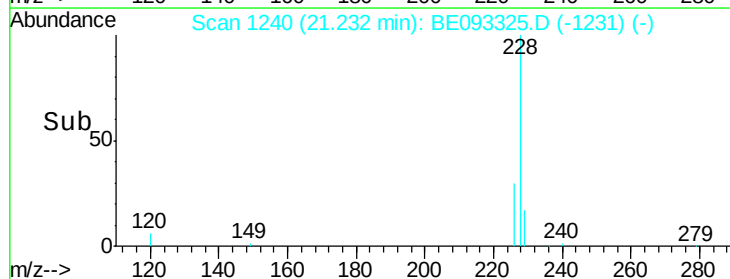
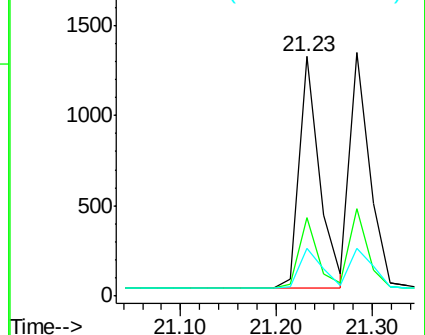
229 20.1 19.2 28.8

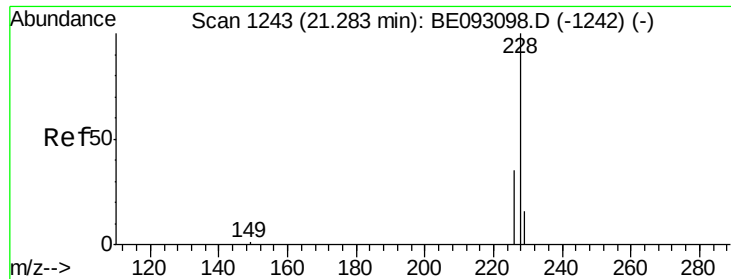


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.42 ng

RT: 21.28 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

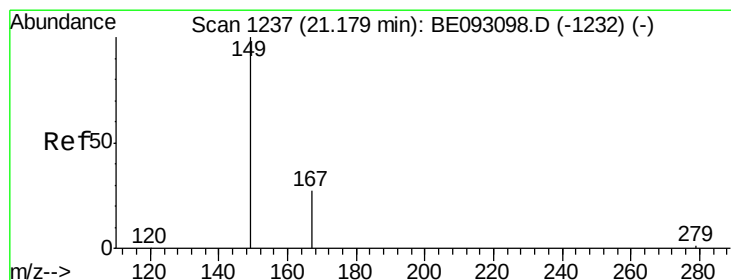
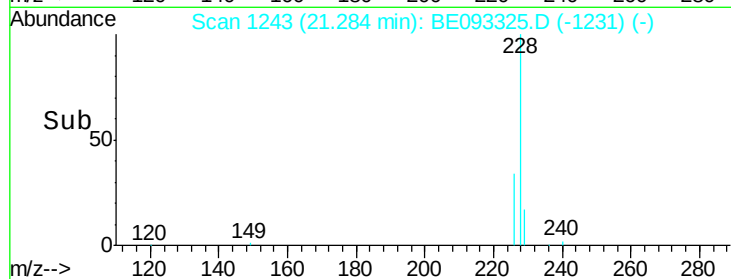
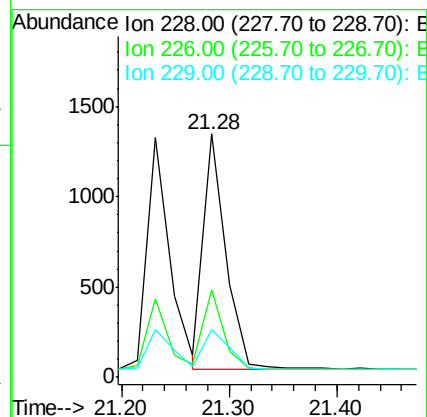
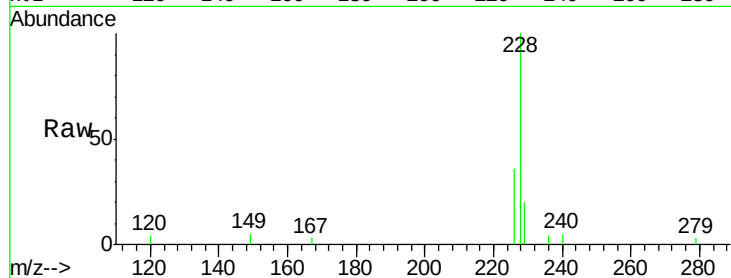
Tgt Ion:228 Resp: 1888

Ion Ratio Lower Upper

228 100

226 35.8 21.5 32.3#

229 19.8 18.6 28.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.49 ng

RT: 21.16 min Scan# 1236

Delta R.T. -0.02 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

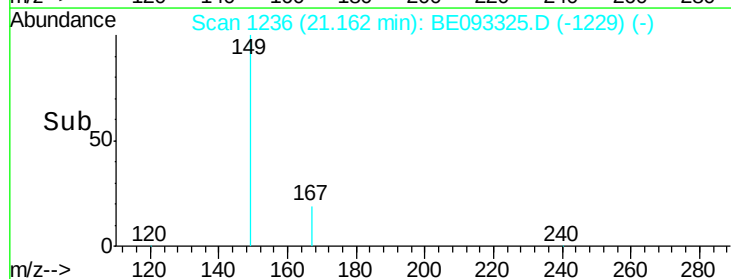
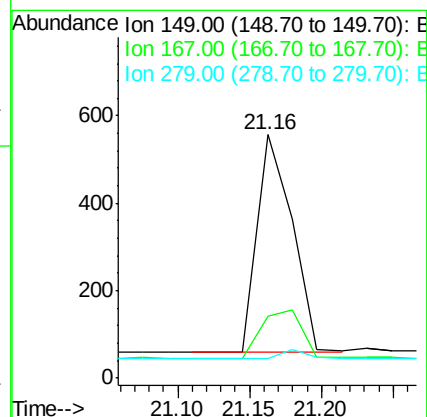
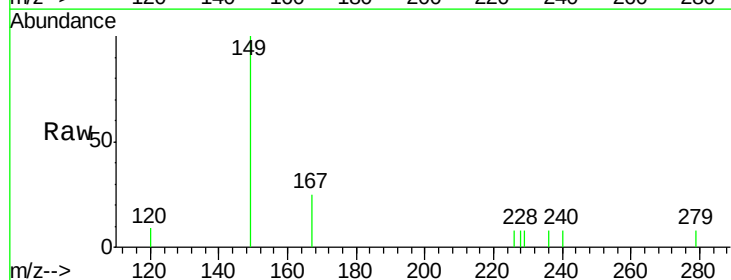
Tgt Ion:149 Resp: 849

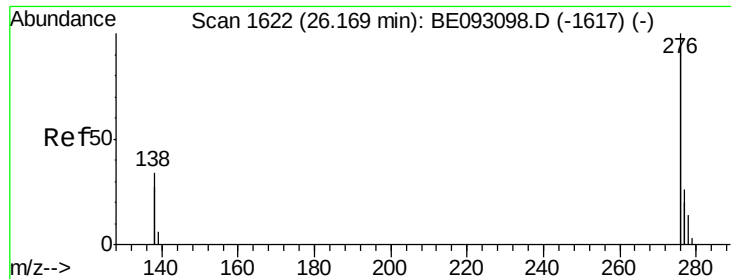
Ion Ratio Lower Upper

149 100

167 25.8 20.1 30.1

279 3.1 2.2 3.4





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.43 ng

RT: 26.17 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

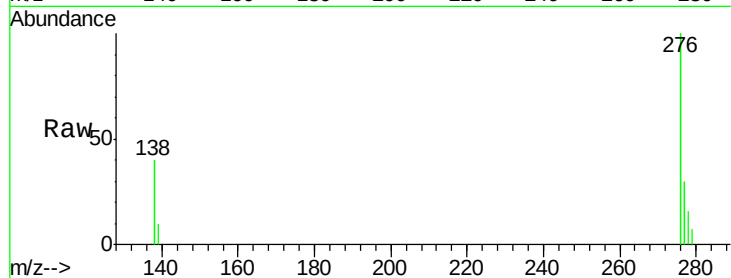
Tgt Ion:276 Resp: 7159

Ion Ratio Lower Upper

276 100

138 34.5 27.4 41.2

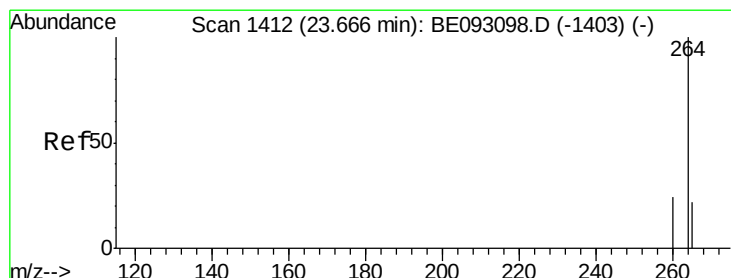
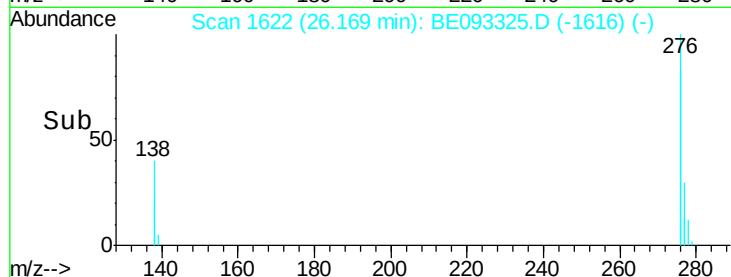
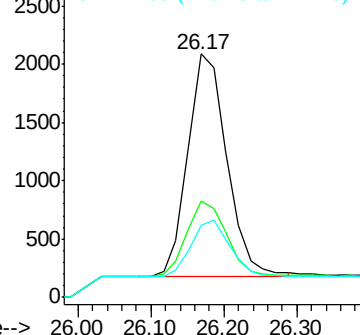
277 25.5 20.1 30.1



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: 0.40 ng

RT: 23.67 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

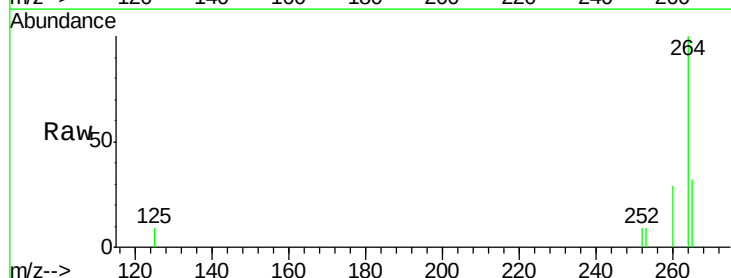
Tgt Ion:264 Resp: 1279

Ion Ratio Lower Upper

264 100

260 29.2 21.0 31.4

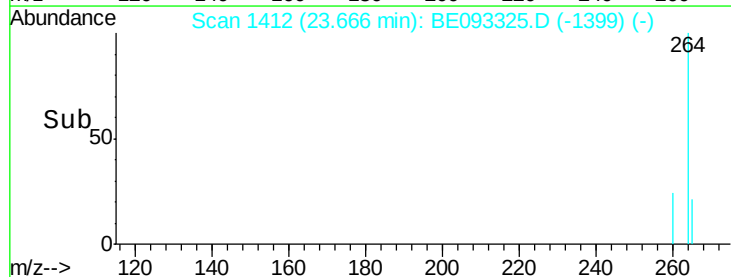
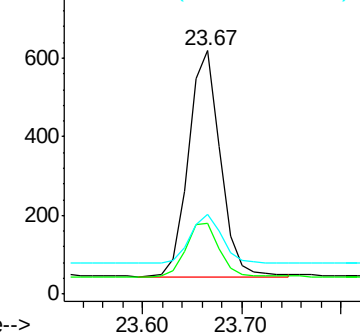
265 32.5 24.6 36.8

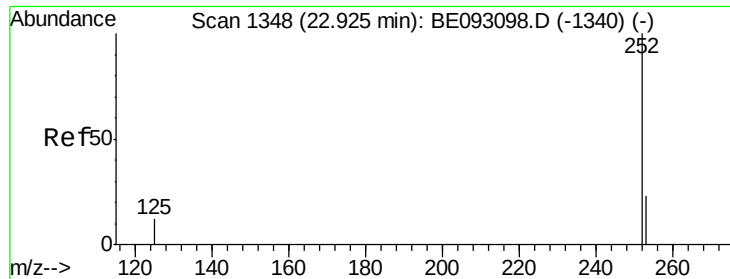


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.47 ng

RT: 22.93 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

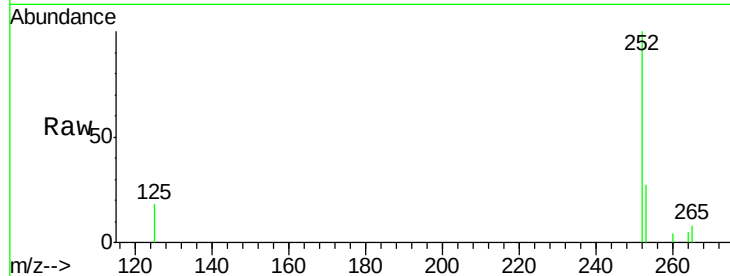
Tgt Ion:252 Resp: 1921

Ion Ratio Lower Upper

252 100

253 26.7 18.5 27.7

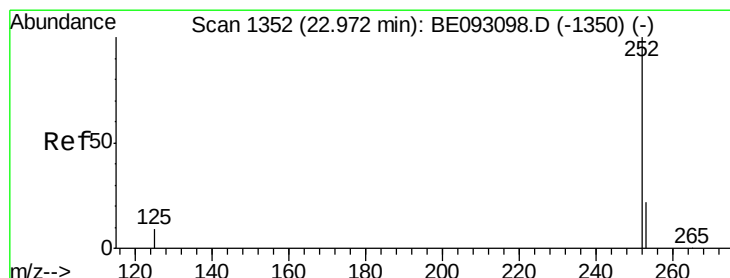
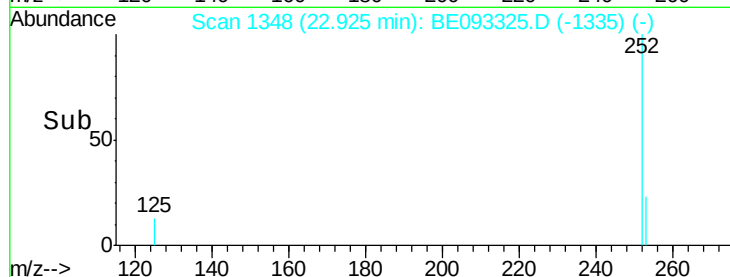
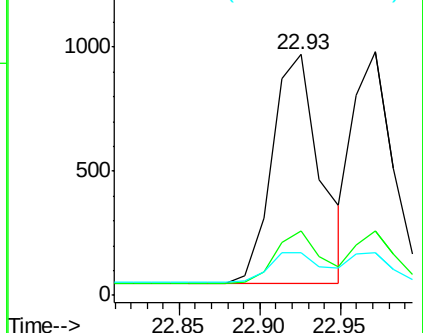
125 17.6 13.4 20.0



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: 0.41 ng

RT: 22.97 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

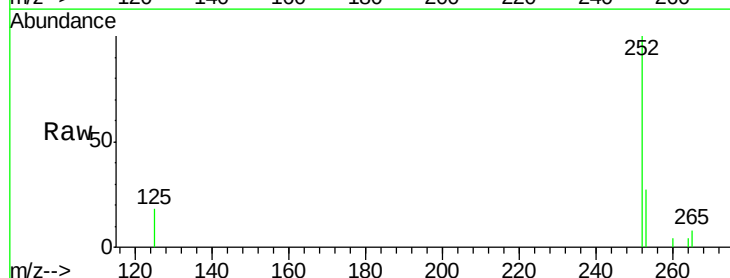
Tgt Ion:252 Resp: 1611

Ion Ratio Lower Upper

252 100

253 26.5 20.3 30.5

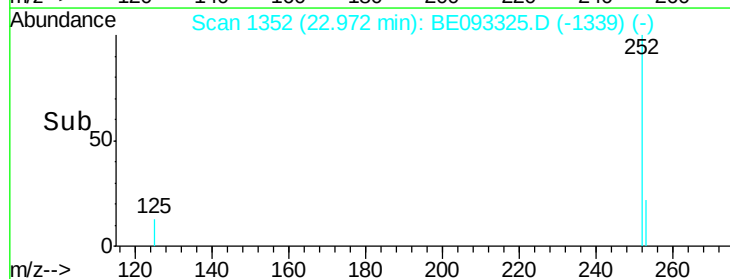
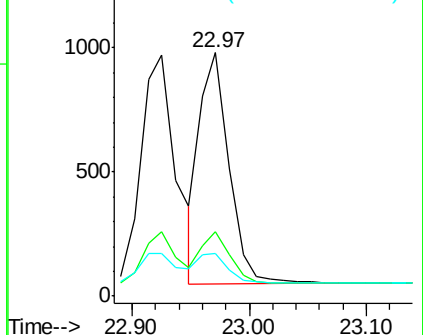
125 17.6 12.2 18.4

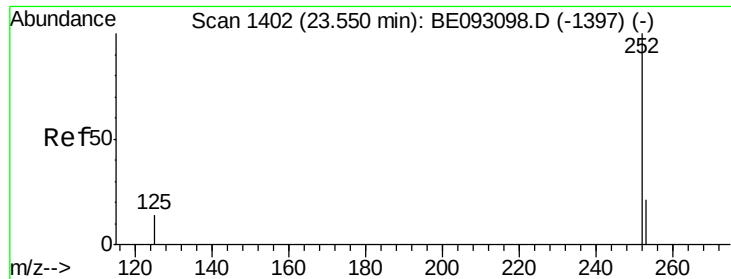


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.45 ng

RT: 23.55 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

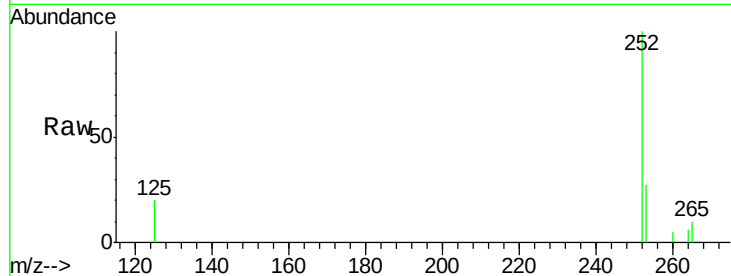
Tgt Ion: 252 Resp: 1590

Ion Ratio Lower Upper

252 100

253 26.6 19.9 29.9

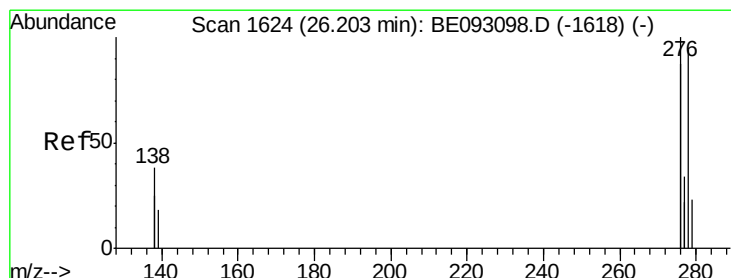
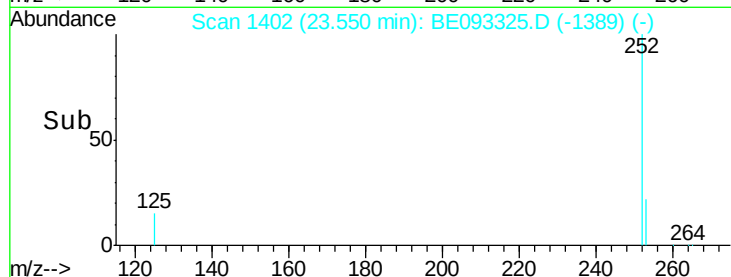
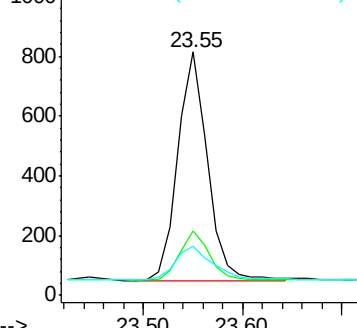
125 20.2 14.6 21.8



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: 0.43 ng

RT: 26.20 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE093325.D

Acq: 22 Jun 2017 12:23

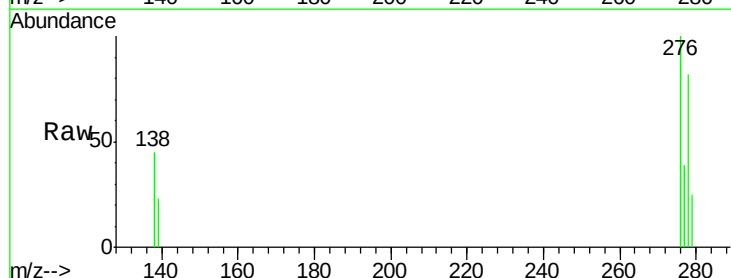
Tgt Ion: 278 Resp: 1576

Ion Ratio Lower Upper

278 100

139 28.7 21.4 32.0

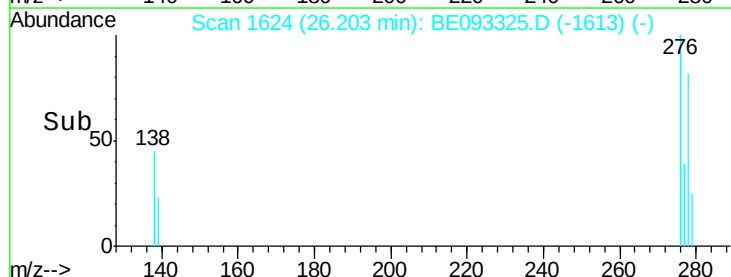
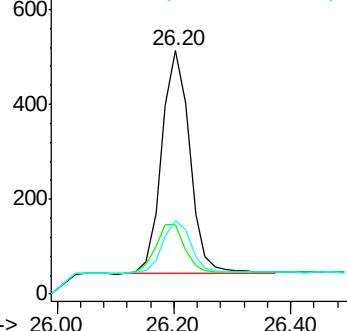
279 30.2 22.2 33.2

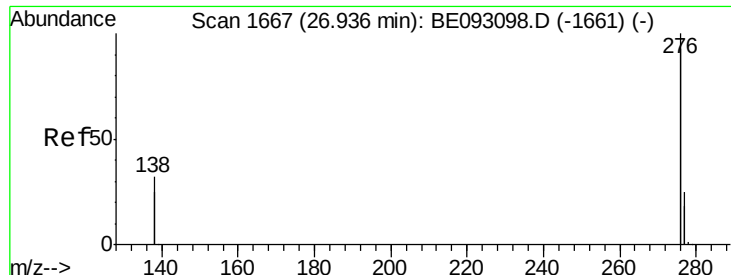


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.42 ng

RT: 26.95 min Scan# 1668

Delta R.T. 0.02 min

Lab File: BE093325.D

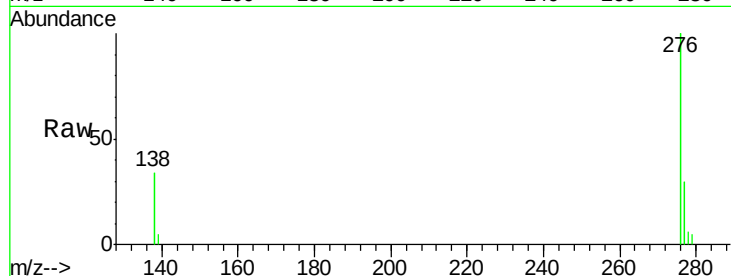
Acq: 22 Jun 2017 12:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



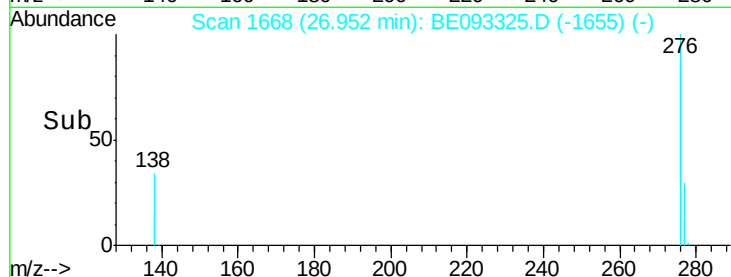
Tgt Ion: 276 Resp: 6298

Ion Ratio Lower Upper

276 100

277 30.3 21.2 31.8

138 33.9 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

