

Data File : BE093332.D
Acq On : 22 Jun 2017 17:25
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 23 07:12:43 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	206	0.40	ng	-0.02
7) Naphthalene-d8	10.51	136	1086	0.40	ng	-0.02
13) Acenaphthene-d10	14.37	164	641	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	1269	0.40	ng	-0.03
27) Chrysene-d12	21.25	240	1538	0.40	ng	-0.02
34) Perylene-d12	23.65	264	1242	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	274	0.45	ng	0.00
5) Phenol-d6	6.90	99	954	1.07	ng	0.00
8) Nitrobenzene-d5	8.86	82	399	0.46	ng	-0.02
11) 2-Methylnaphthalene-d10	12.10	152	760	0.47	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	78	0.53	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	1101	0.40	ng	0.00
25) Fluoranthene-d10	19.11	212	2507	0.60	ng	0.00
29) Terphenyl-d14	19.72	244	1298	0.44	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	161	0.35	ng	99
3) n-Nitrosodimethylamine	3.58	42	152	0.39	ng	# 94
6) bis(2-Chloroethyl)ether	7.15	93	319	0.41	ng	# 97
9) Naphthalene	10.56	128	1223	0.42	ng	# 90
10) Hexachlorobutadiene	10.85	225	163	0.41	ng	94
12) 2-Methylnaphthalene	12.18	142	826	0.46	ng	93
16) Acenaphthylene	14.08	152	5043	0.45	ng	100
17) Acenaphthene	14.42	154	880	0.42	ng	95
18) Fluorene	15.40	166	1079	0.43	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	188	0.24	ng	# 88
21) Hexachlorobenzene	16.44	284	352	0.52	ng	# 100
22) Pentachlorophenol	16.79	266	104	0.47	ng	91
23) Phenanthrene	17.16	178	1864	0.33	ng	97
24) Anthracene	17.25	178	1935	0.40	ng	98
26) Fluoranthene	19.14	202	8116	0.39	ng	# 59
28) Pyrene	19.51	202	8105	0.43	ng	# 96
30) Benzo(a)anthracene	21.23	228	1962	0.47	ng	# 91
31) Chrysene	21.23	228	1962	0.44	ng	94
32) Bis(2-ethylhexyl)phthalate	21.16	149	842	0.50	ng	99
33) Indeno(1,2,3-cd)pyrene	26.17	276	7042	0.43	ng	100
35) Benzo(b)fluoranthene	22.91	252	1684	0.42	ng	95
36) Benzo(k)fluoranthene	22.96	252	1745	0.45	ng	# 95
37) Benzo(a)pyrene	23.55	252	1530	0.44	ng	94
38) Dibenzo(a,h)anthracene	26.20	278	1542	0.43	ng	96
39) Benzo(g,h,i)perylene	26.95	276	6138	0.42	ng	94

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

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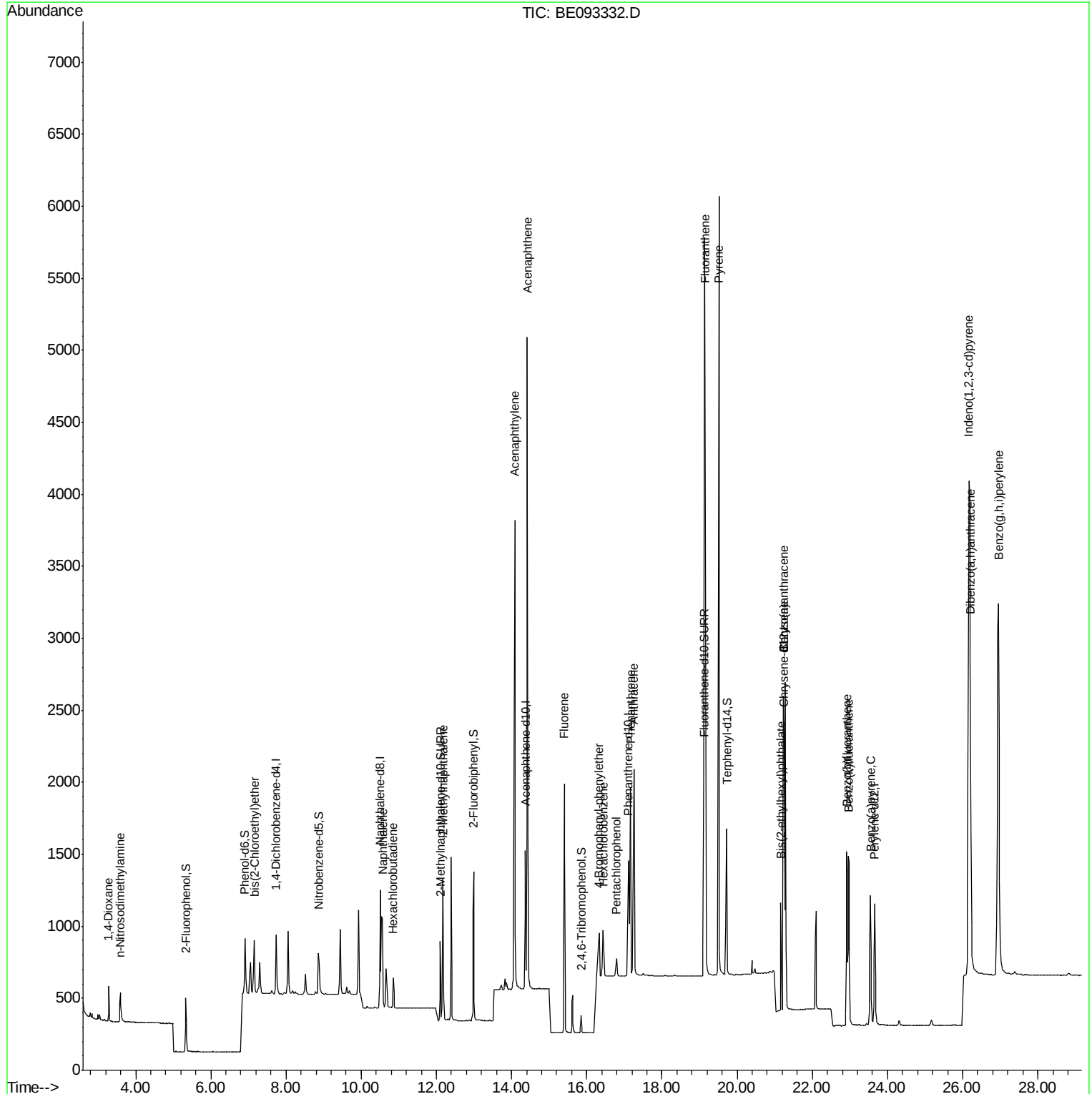
Quant Time: Jun 23 07:12:43 2017

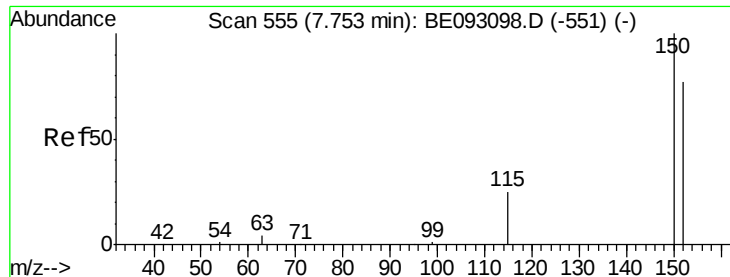
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Response via : Initial Calibration



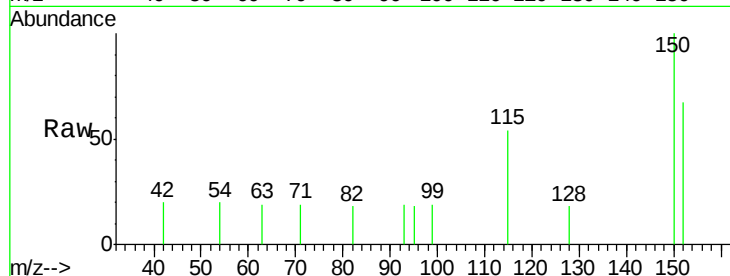


#1

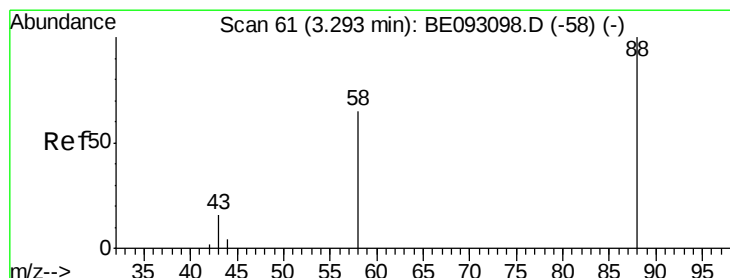
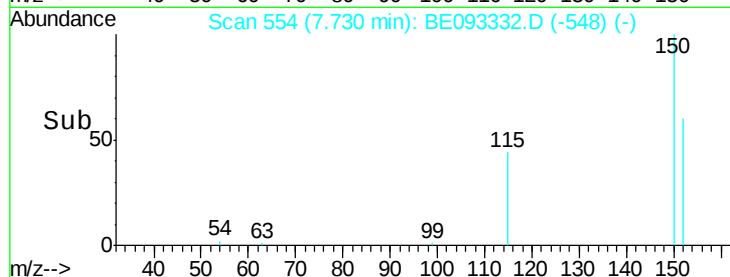
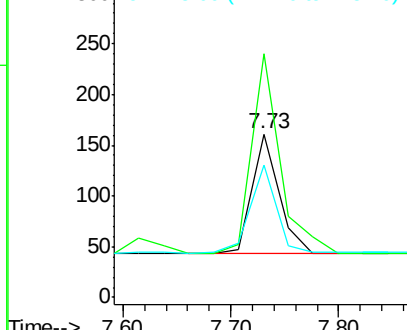
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.73 min Scan# 554
Delta R.T. -0.02 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 206
Ion Ratio Lower Upper
152 100
150 149.1 125.1 187.7
115 80.7 55.7 83.5



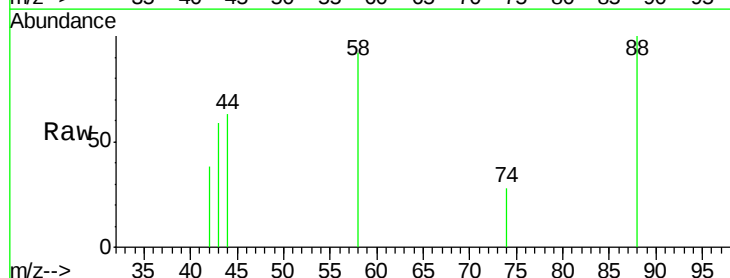
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



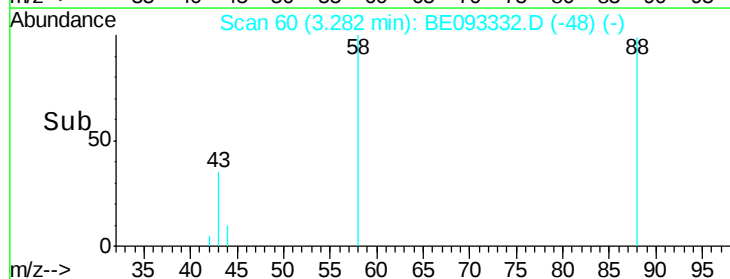
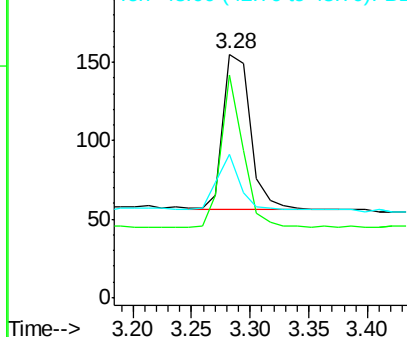
#2

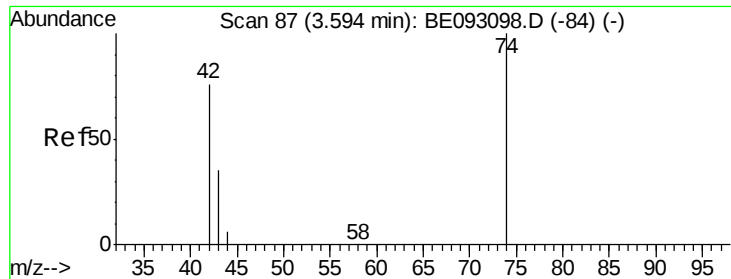
1,4-Dioxane
Concen: 0.35 ng
RT: 3.28 min Scan# 60
Delta R.T. -0.01 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion: 88 Resp: 161
Ion Ratio Lower Upper
88 100
58 78.3 62.2 93.4
43 28.6 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: 0.39 ng

RT: 3.58 min Scan# 86

Delta R.T. -0.01 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

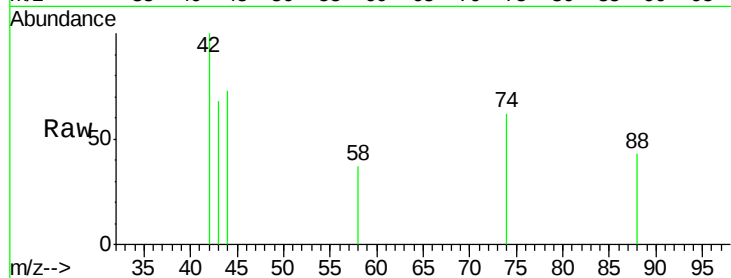
Tgt Ion: 42 Resp: 152

Ion Ratio Lower Upper

42 100

74 130.3 99.1 148.7

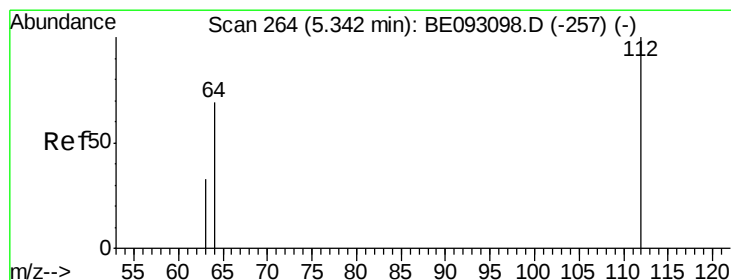
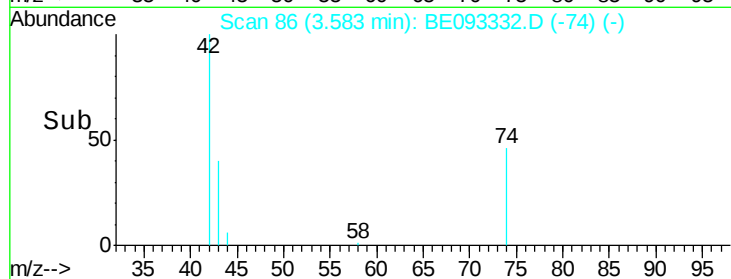
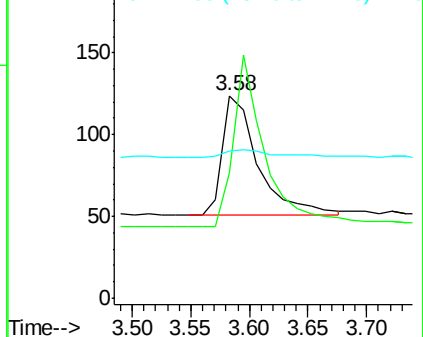
44 11.2 7.4 11.2#



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: 0.45 ng

RT: 5.34 min Scan# 263

Delta R.T. -0.00 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

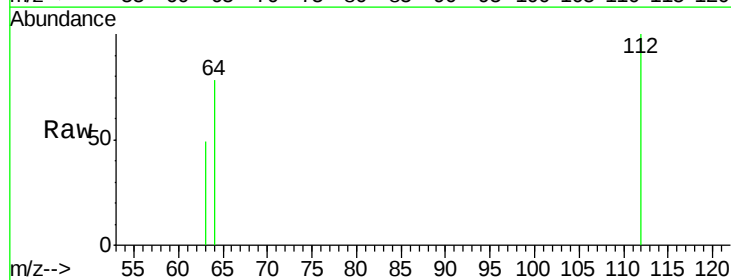
Tgt Ion: 112 Resp: 274

Ion Ratio Lower Upper

112 100

64 71.5 56.4 84.6

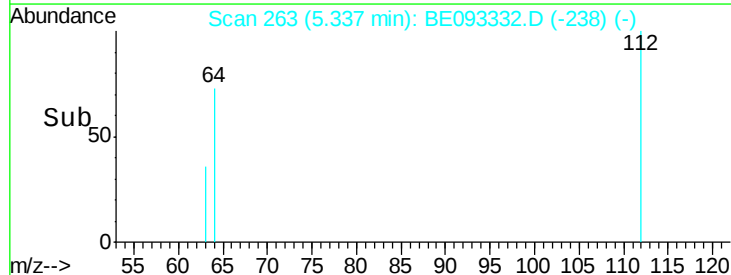
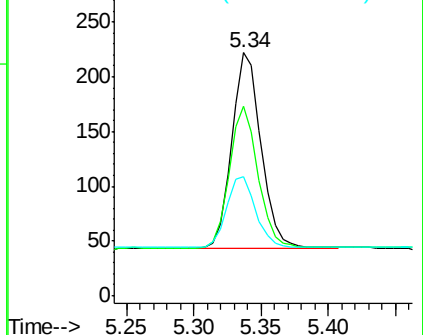
63 36.1 29.3 43.9

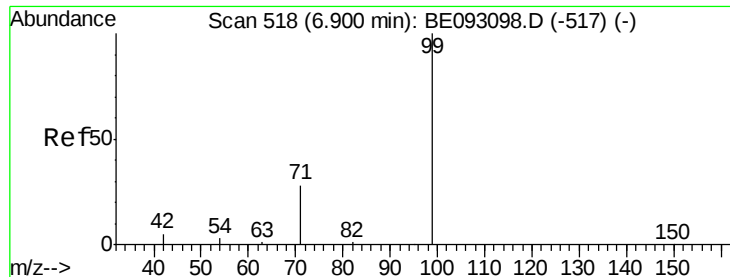


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.07 ng

RT: 6.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

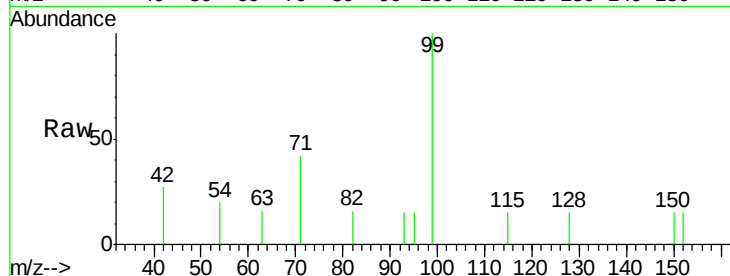
Tgt Ion: 99 Resp: 954

Ion Ratio Lower Upper

99 100

42 60.7 0.0 0.0#

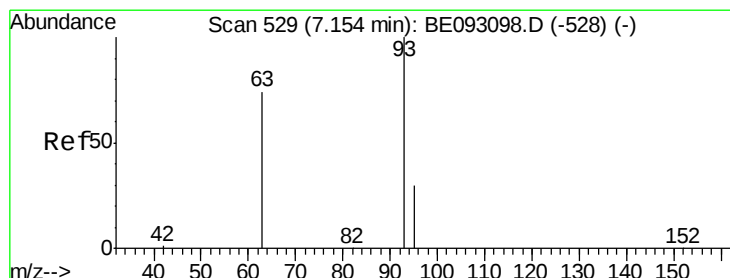
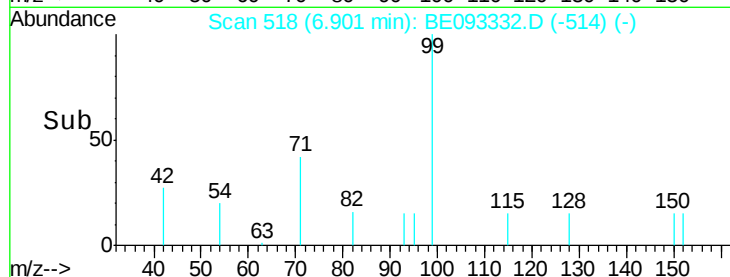
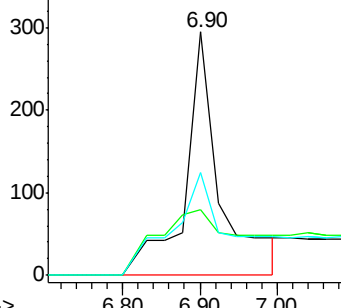
71 64.7 0.0 0.0#



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: 0.41 ng

RT: 7.15 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

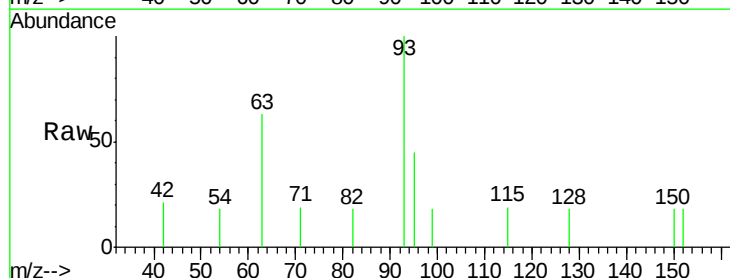
Tgt Ion: 93 Resp: 319

Ion Ratio Lower Upper

93 100

63 82.8 0.0 0.0#

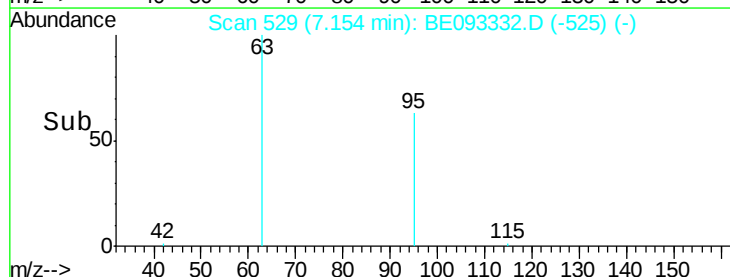
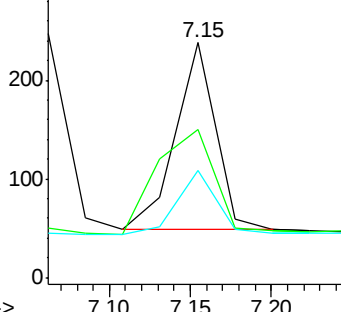
95 33.2 25.4 38.0

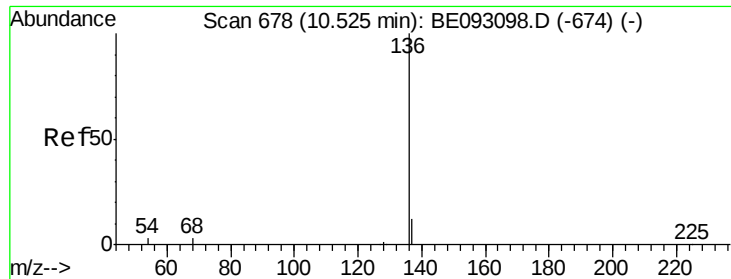


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE093332.D

Acq: 22 Jun 2017 17:25

Instrument :

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ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 1086

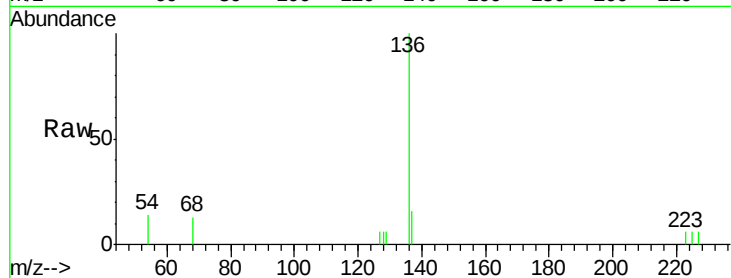
Ion Ratio Lower Upper

136 100

137 16.0 9.8 14.8#

54 14.0 10.3 15.5

68 13.4 9.0 13.4

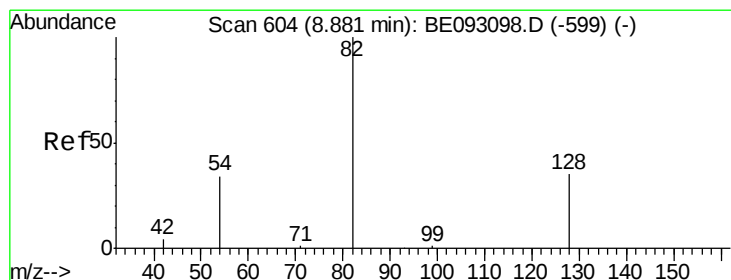
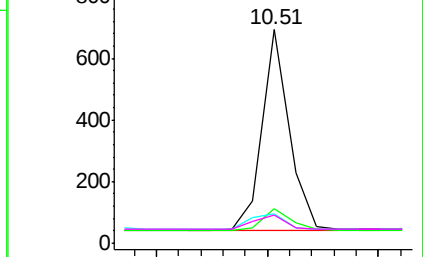
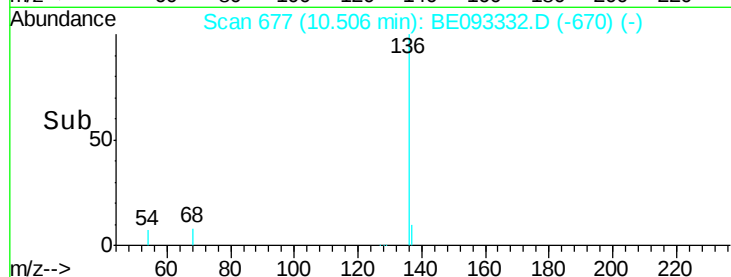


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.46 ng

RT: 8.86 min Scan# 603

Delta R.T. -0.02 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

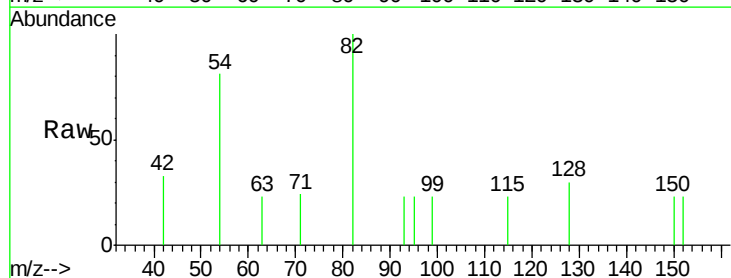
Tgt Ion: 82 Resp: 399

Ion Ratio Lower Upper

82 100

128 30.0 17.0 25.4#

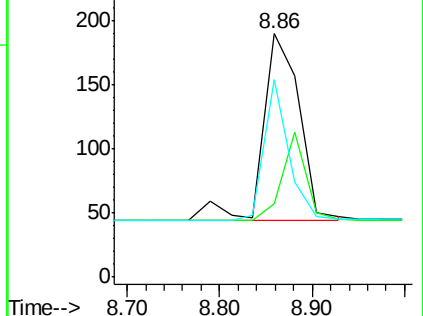
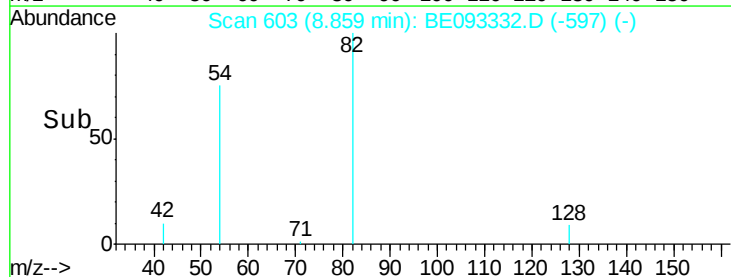
54 81.1 53.8 80.6#

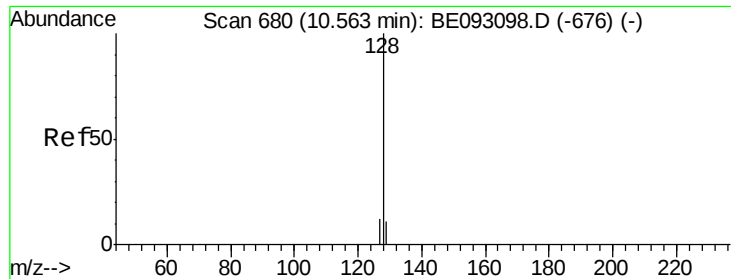


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.42 ng

RT: 10.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

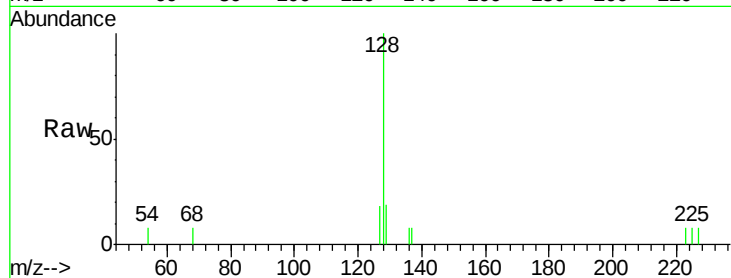
Tgt Ion:128 Resp: 1223

Ion Ratio Lower Upper

128 100

129 18.8 11.4 17.0#

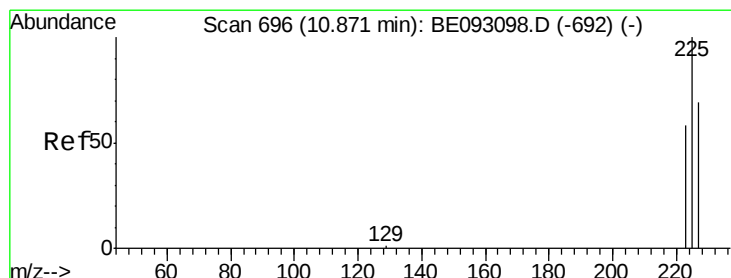
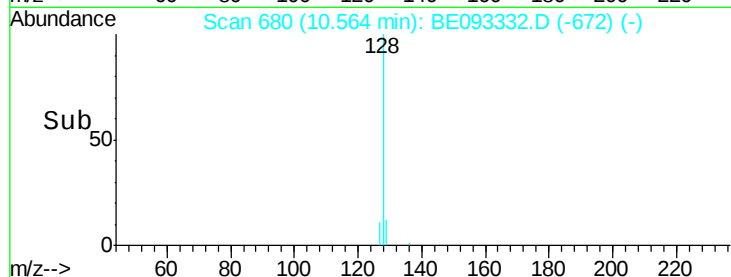
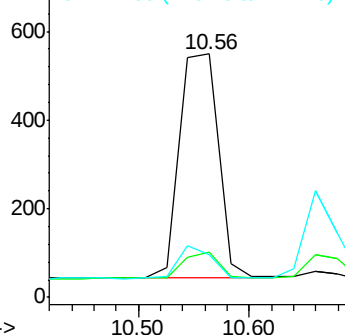
127 17.9 11.2 16.8#



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: 0.41 ng

RT: 10.85 min Scan# 695

Delta R.T. -0.02 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

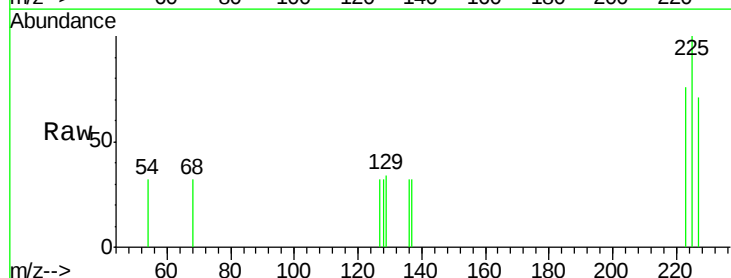
Tgt Ion:225 Resp: 163

Ion Ratio Lower Upper

225 100

223 66.3 49.7 74.5

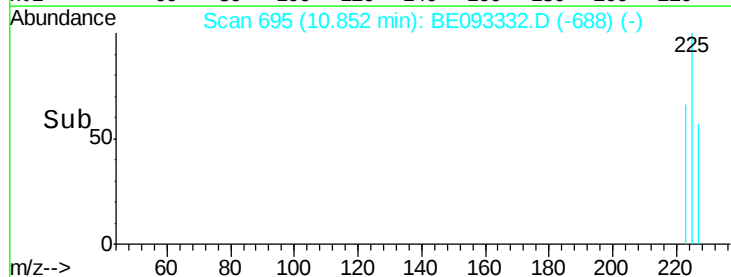
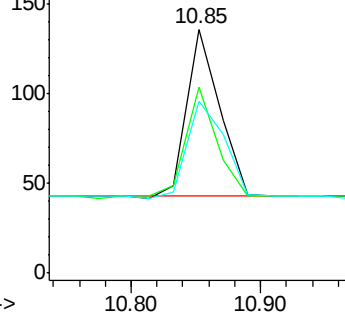
227 67.5 50.3 75.5

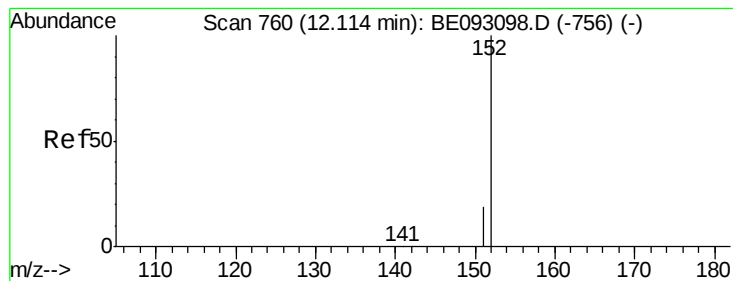


Abundance Ion 225.00 (224.70 to 225.70): E

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: BE093332.D

Acq: 22 Jun 2017 17:25

Instrument :

BNA_E

ClientSampleId :

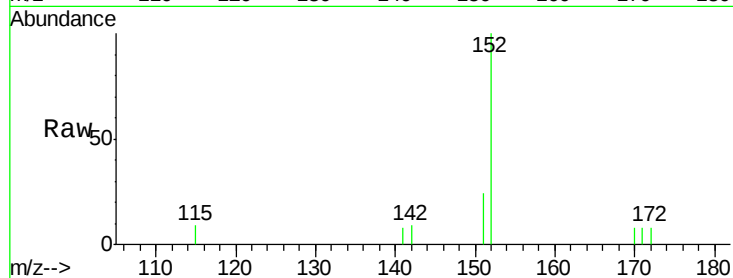
SSTDCCC0.4EC

Tgt Ion:152 Resp: 760

Ion Ratio Lower Upper

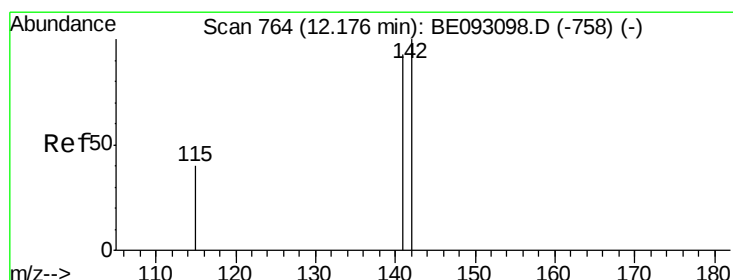
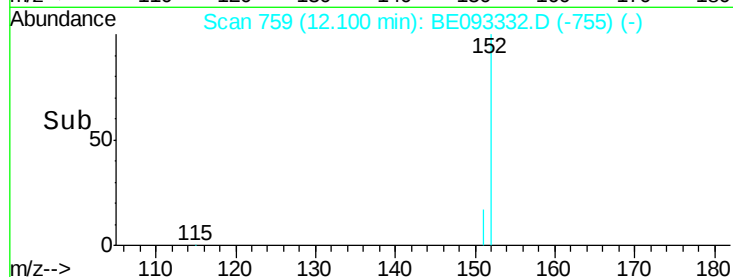
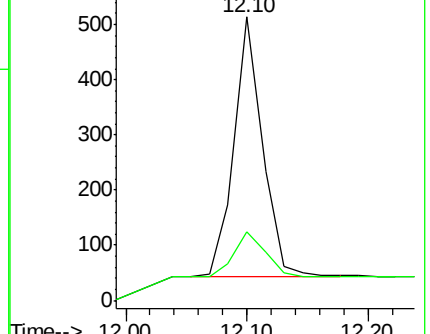
152 100

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

2-Methylnaphthalene

Concen: 0.46 ng

RT: 12.18 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

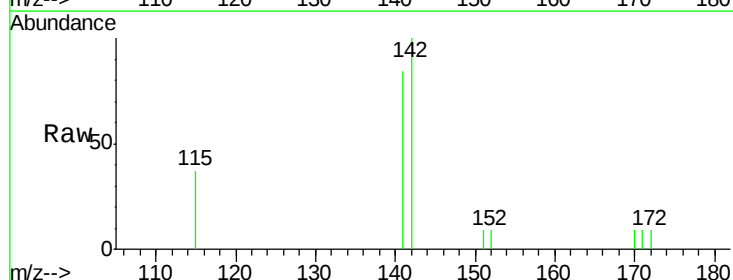
Tgt Ion:142 Resp: 826

Ion Ratio Lower Upper

142 100

141 83.6 72.6 108.8

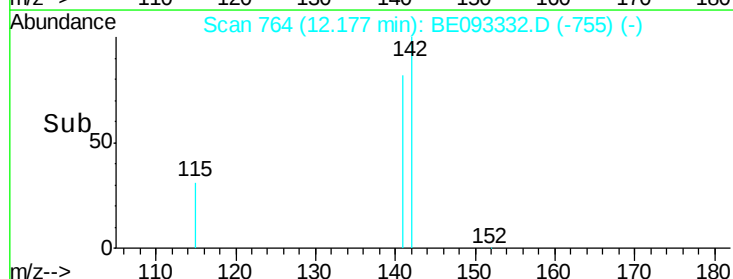
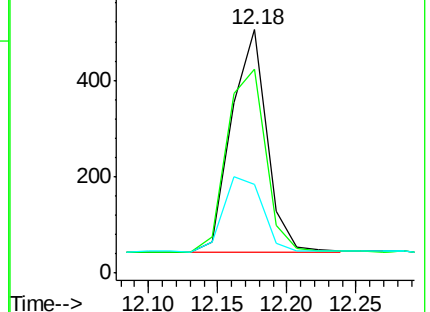
115 36.6 32.2 48.2

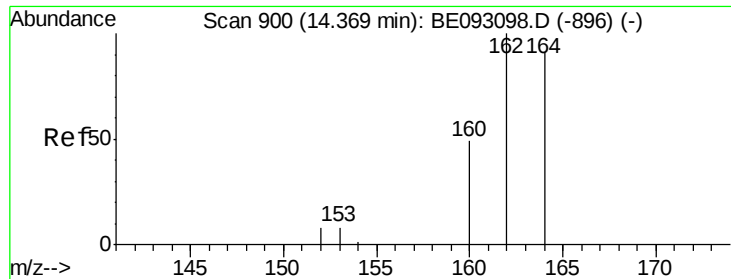


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE093332.D

Acq: 22 Jun 2017 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

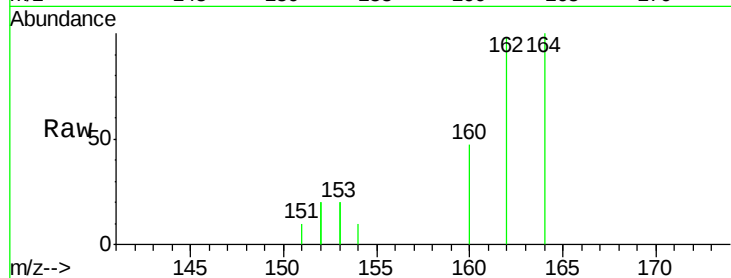
Tgt Ion:164 Resp: 641

Ion Ratio Lower Upper

164 100

162 98.0 84.6 127.0

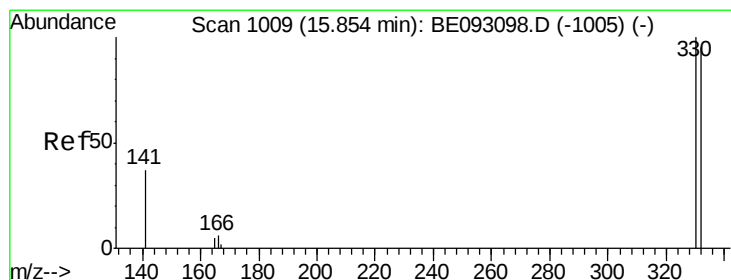
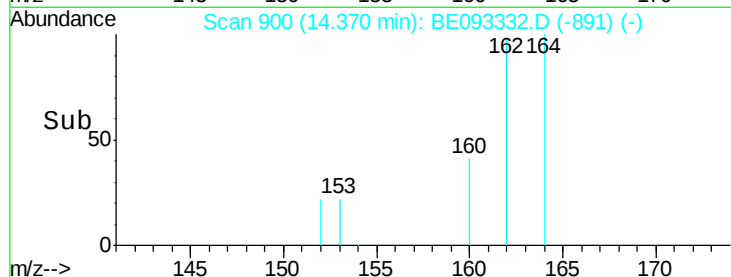
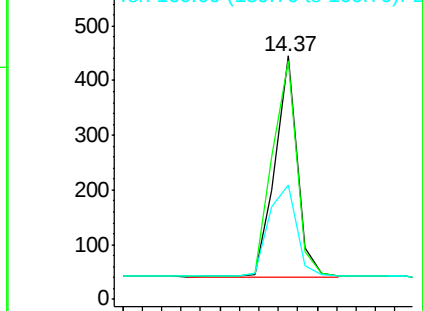
160 47.0 41.8 62.6



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: 0.53 ng

RT: 15.85 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

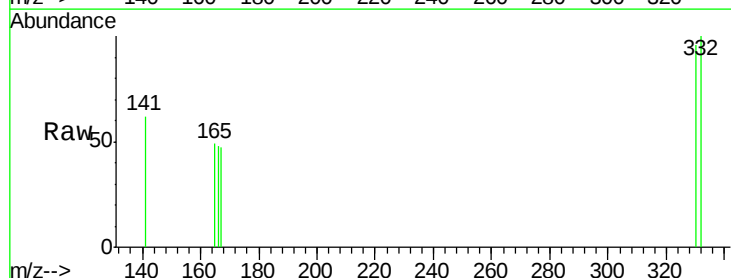
Tgt Ion:330 Resp: 78

Ion Ratio Lower Upper

330 100

332 111.5 77.7 116.5

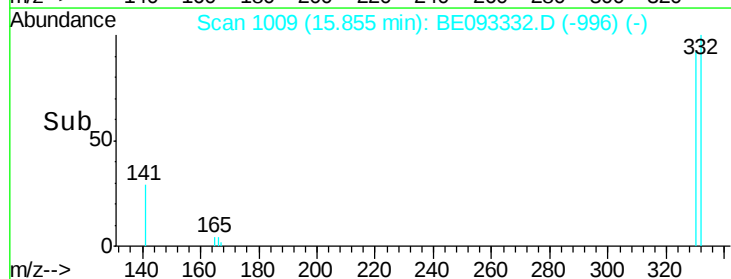
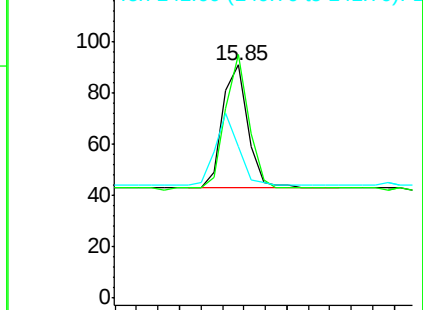
141 53.8 56.2 84.4#

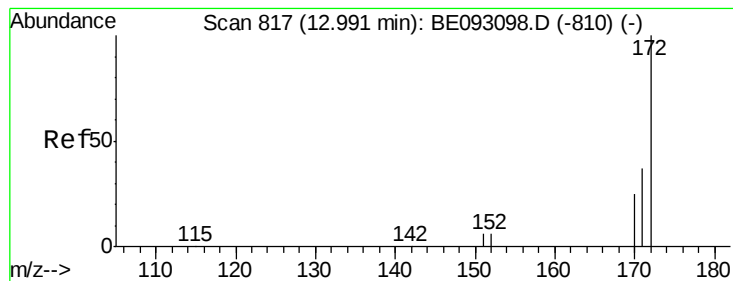


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

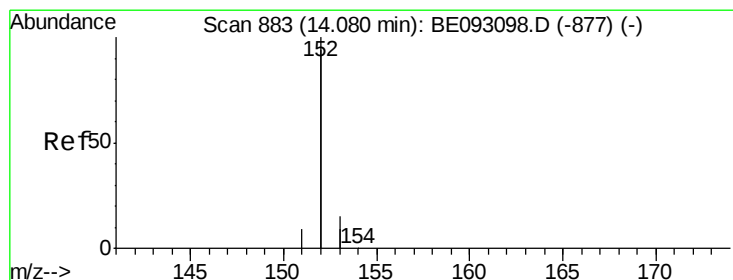
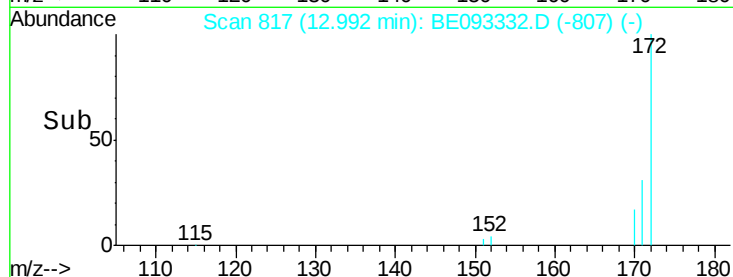
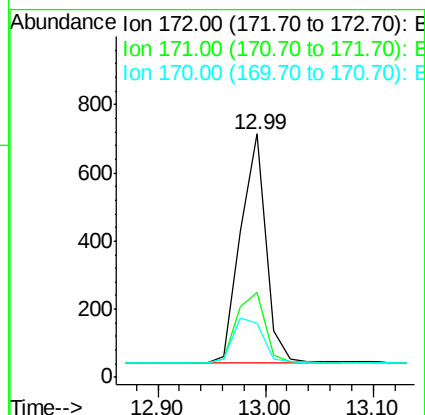
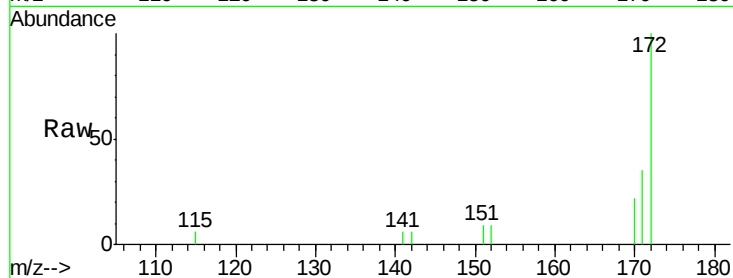




#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

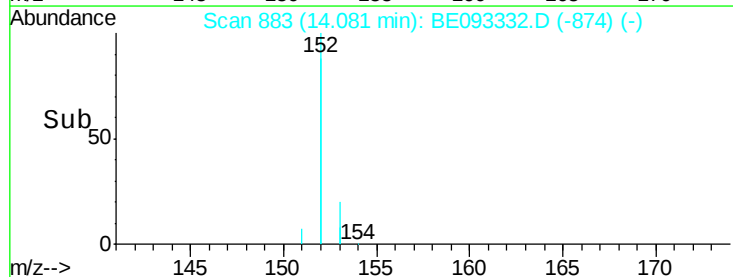
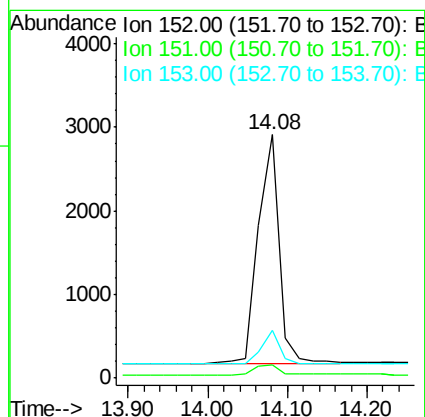
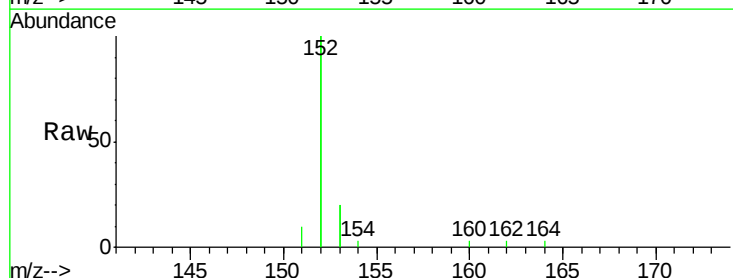
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

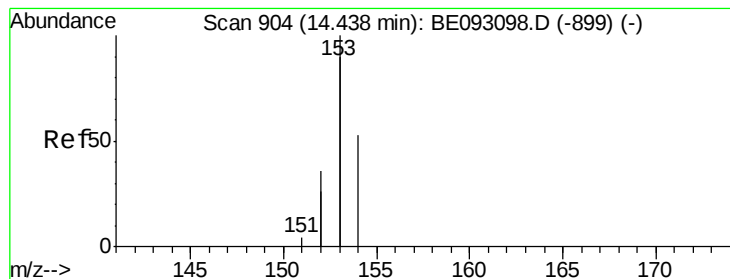
Tgt Ion:172 Resp: 1101
Ion Ratio Lower Upper
172 100
171 34.7 29.8 44.6
170 22.1 20.7 31.1



#16
Acenaphthylene
Concen: 0.45 ng
RT: 14.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion:152 Resp: 5043
Ion Ratio Lower Upper
152 100
151 4.8 4.0 6.0
153 12.9 10.3 15.5





#17

Acenaphthene

Concen: 0.42 ng

RT: 14.42 min Scan# 903

Delta R.T. -0.02 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

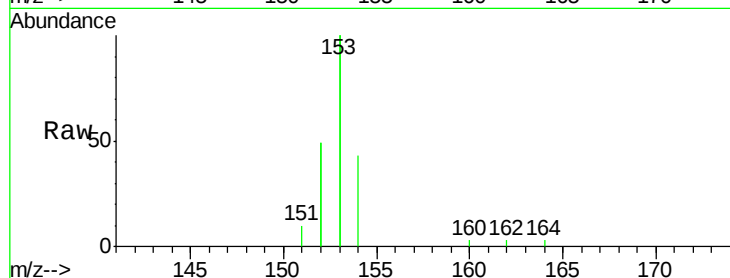
Tgt Ion:154 Resp: 880

Ion Ratio Lower Upper

154 100

153 450.3 367.8 551.6

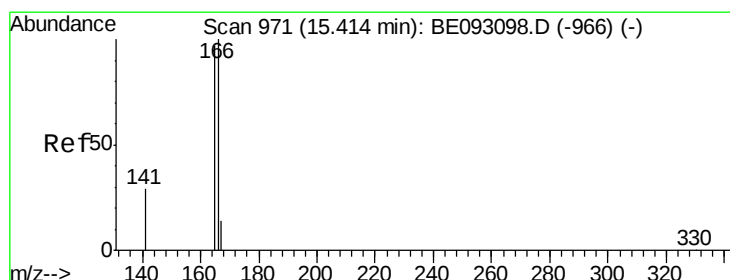
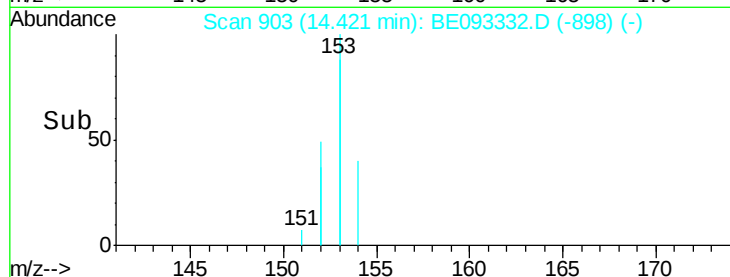
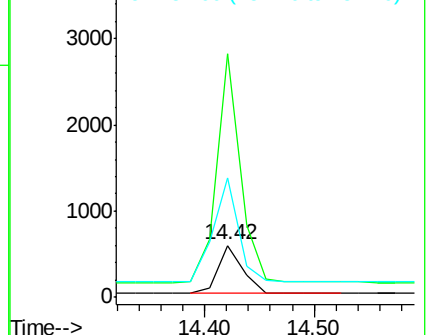
152 221.4 188.2 282.2



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: 0.43 ng

RT: 15.40 min Scan# 970

Delta R.T. -0.01 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

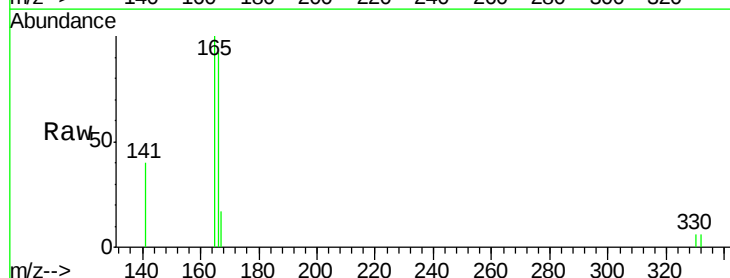
Tgt Ion:166 Resp: 1079

Ion Ratio Lower Upper

166 100

165 100.2 78.6 117.8

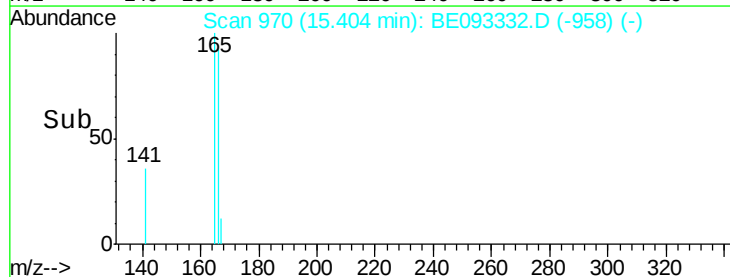
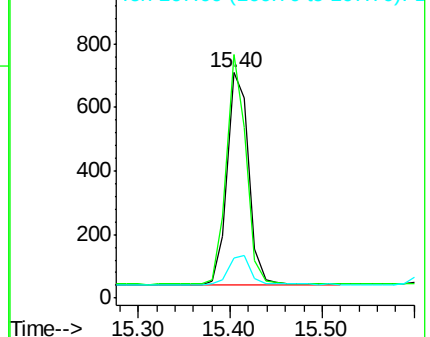
167 14.2 11.1 16.7

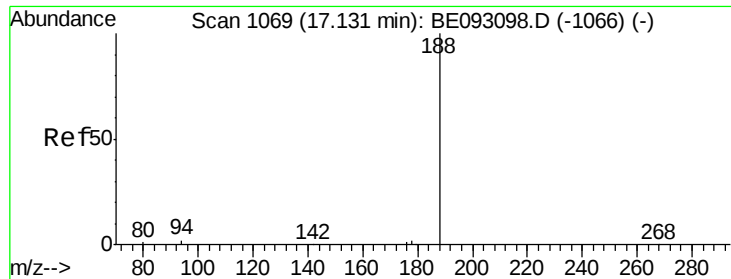


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE093332.D

Acq: 22 Jun 2017 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

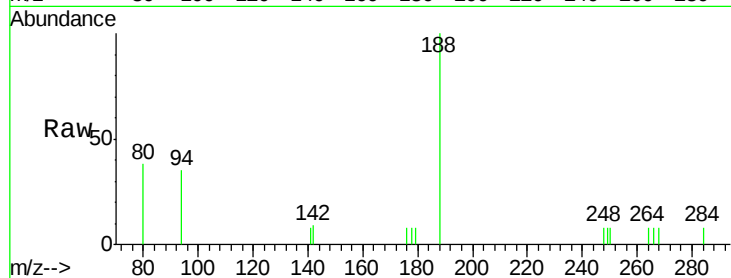
Tgt Ion:188 Resp: 1269

Ion Ratio Lower Upper

188 100

94 34.5 11.3 16.9#

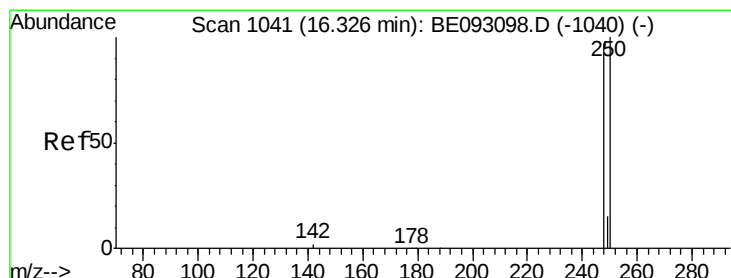
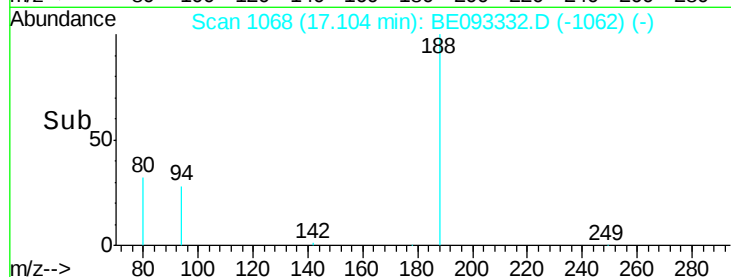
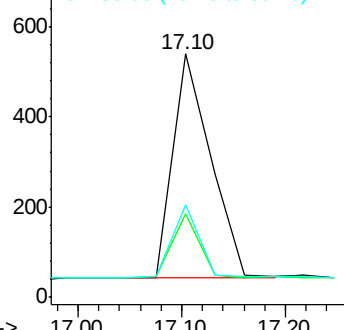
80 38.2 11.7 17.5#



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: 0.24 ng

RT: 16.33 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

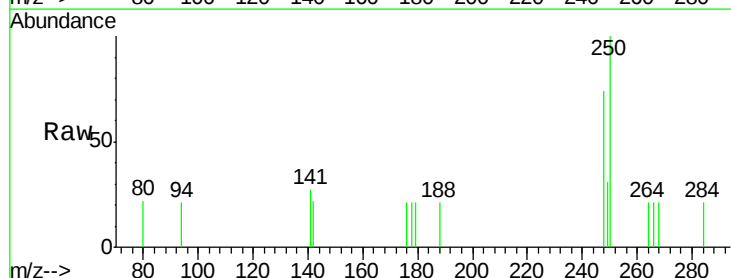
Tgt Ion:248 Resp: 188

Ion Ratio Lower Upper

248 100

250 135.8 100.0 150.0

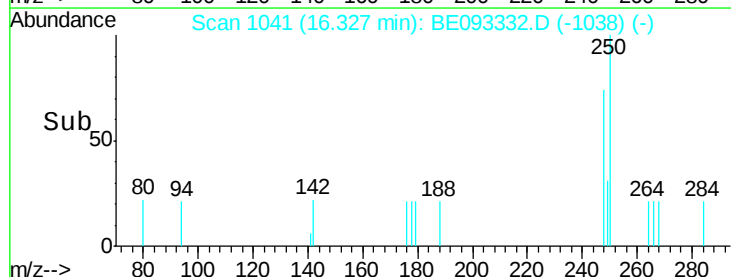
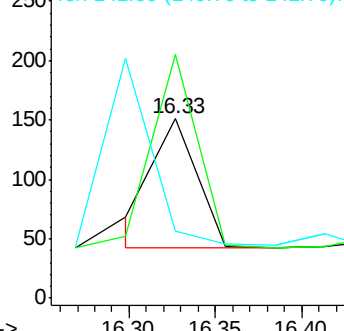
141 37.1 40.0 60.0#

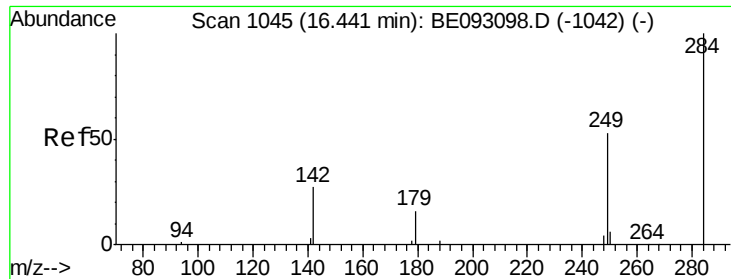


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

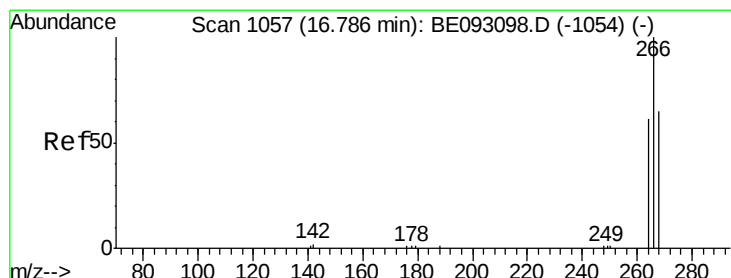
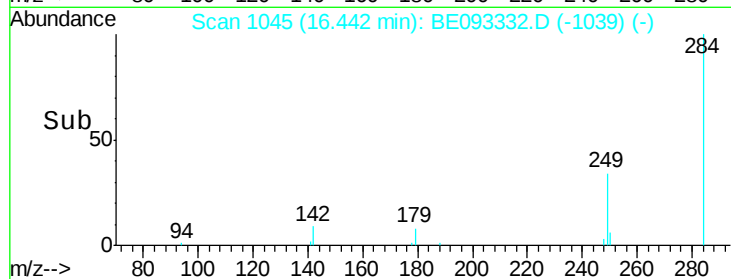
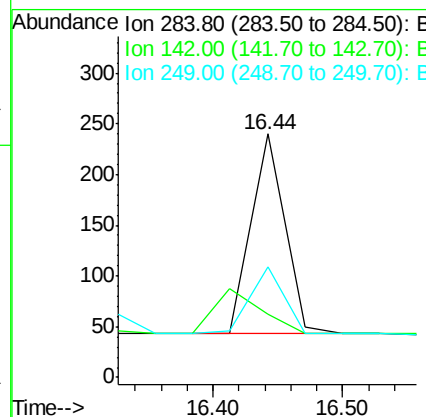
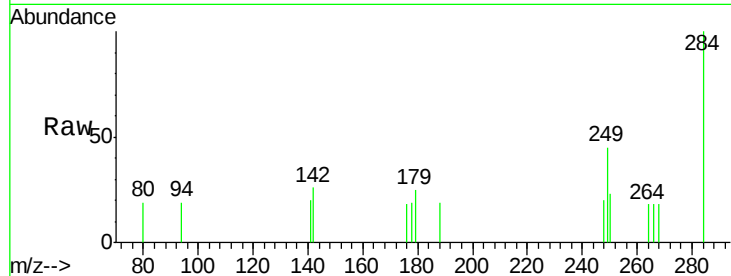




#21
Hexachlorobenzene
Concen: 0.52 ng
RT: 16.44 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

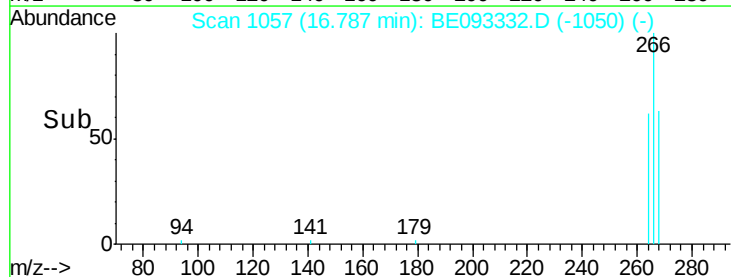
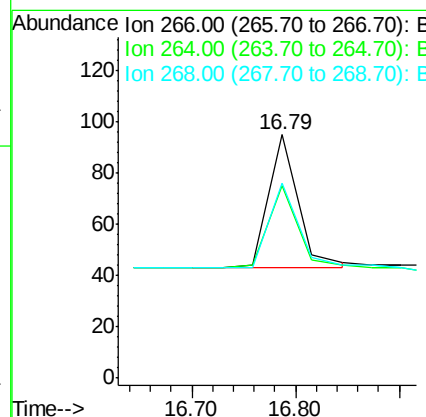
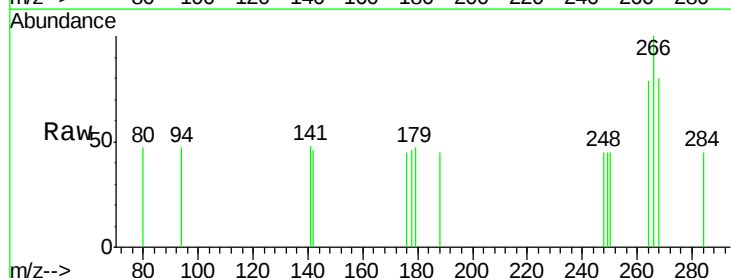
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

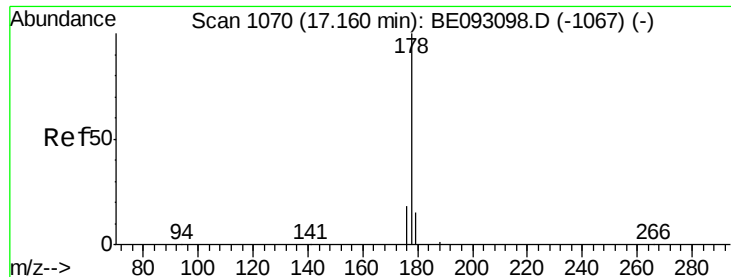
Tgt Ion: 284 Resp: 352
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 34.4 0.0 0.0#



#22
Pentachlorophenol
Concen: 0.47 ng
RT: 16.79 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion: 266 Resp: 104
Ion Ratio Lower Upper
266 100
264 78.9 58.2 87.2
268 80.0 71.9 107.9





#23

Phenanthrene

Concen: 0.33 ng

RT: 17.16 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

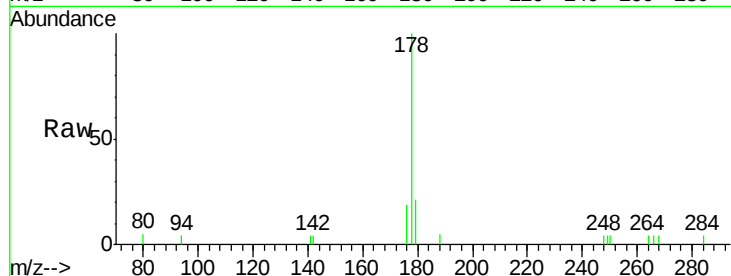
Tgt Ion:178 Resp: 1864

Ion Ratio Lower Upper

178 100

176 16.7 15.0 22.4

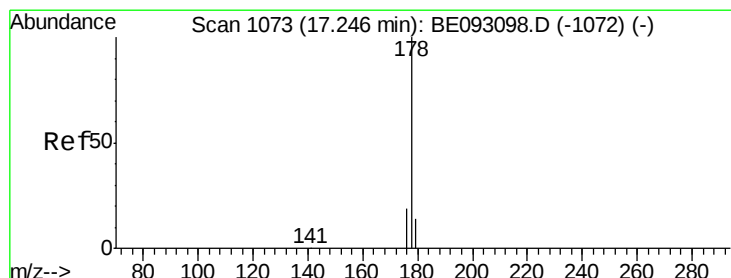
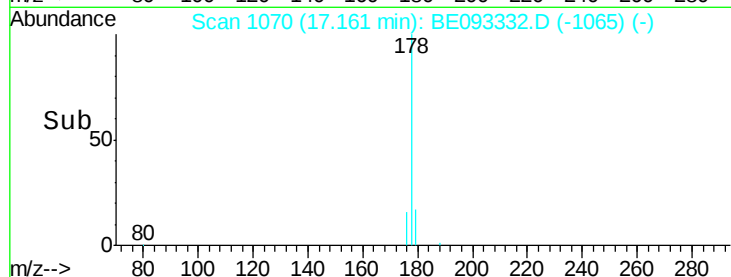
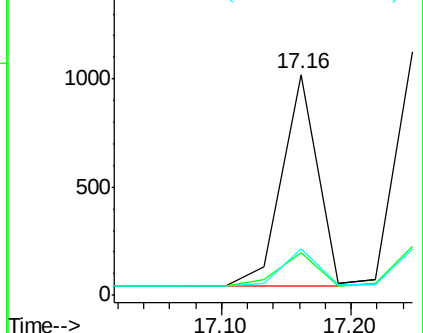
179 16.7 12.7 19.1



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: 0.40 ng

RT: 17.25 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

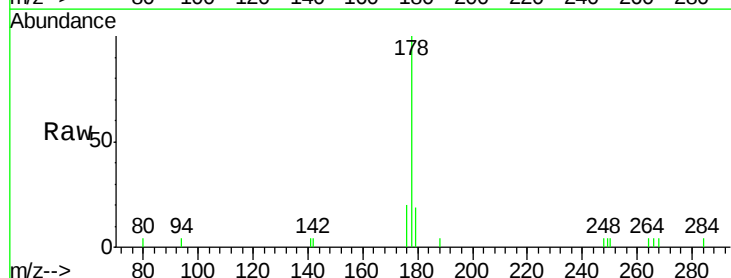
Tgt Ion:178 Resp: 1935

Ion Ratio Lower Upper

178 100

176 17.2 14.6 22.0

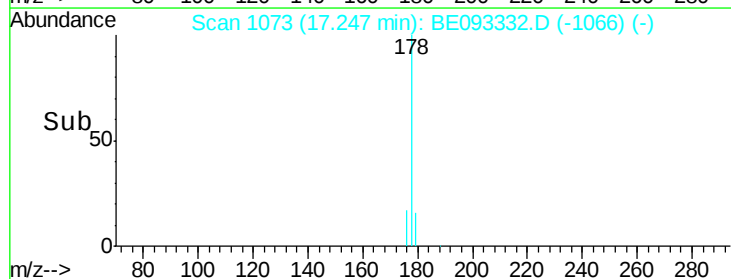
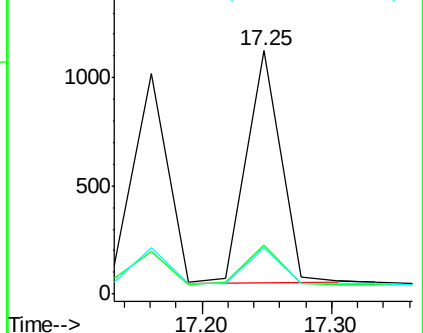
179 15.6 12.0 18.0

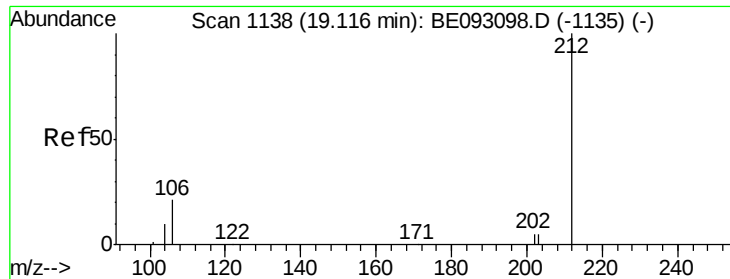


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.60 ng

RT: 19.11 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

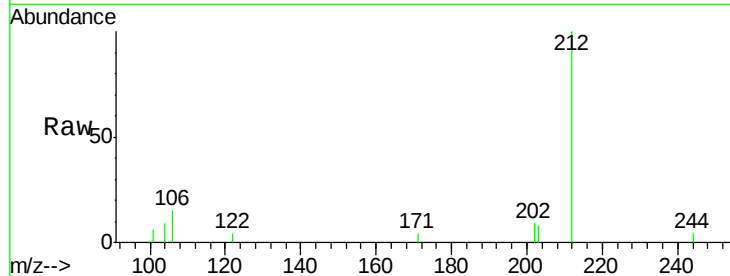
Tgt Ion:212 Resp: 2507

Ion Ratio Lower Upper

212 100

106 29.5 0.0 0.0#

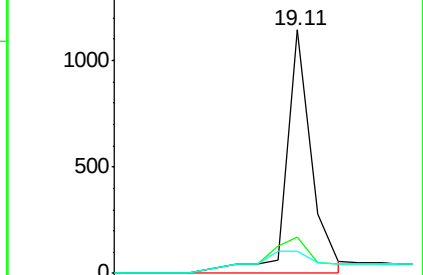
104 0.0 0.0 0.0



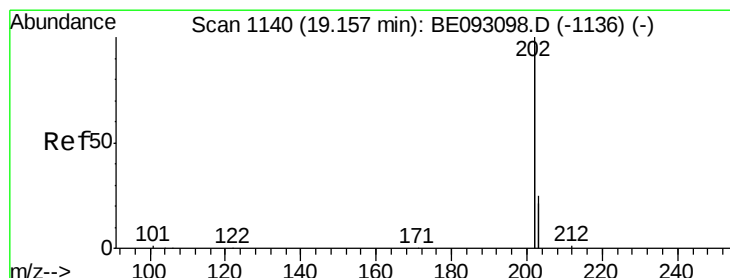
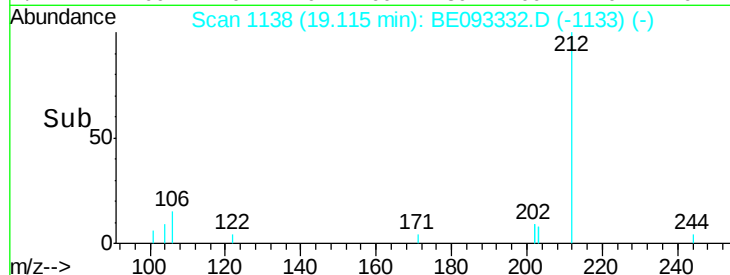
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#26

Fluoranthene

Concen: 0.39 ng

RT: 19.14 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

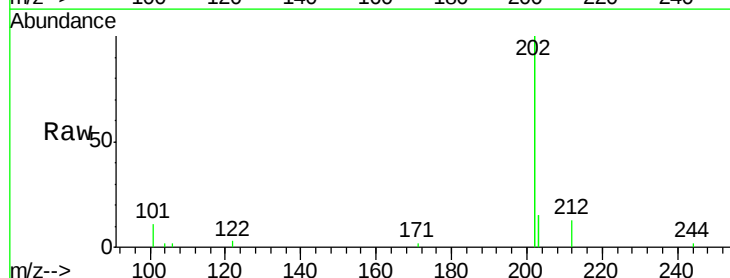
Tgt Ion:202 Resp: 8116

Ion Ratio Lower Upper

202 100

101 3.8 0.0 0.0#

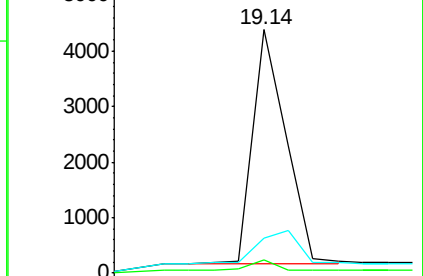
203 0.0 14.4 21.6#



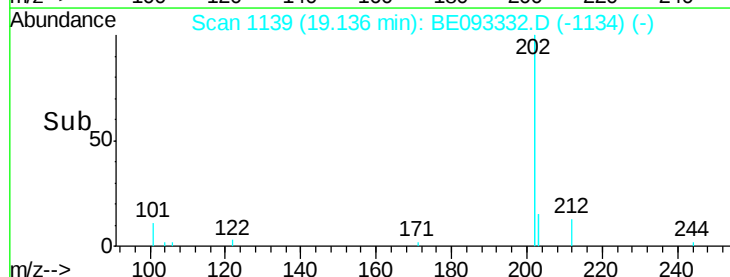
Abundance Ion 202.00 (201.70 to 202.70): E

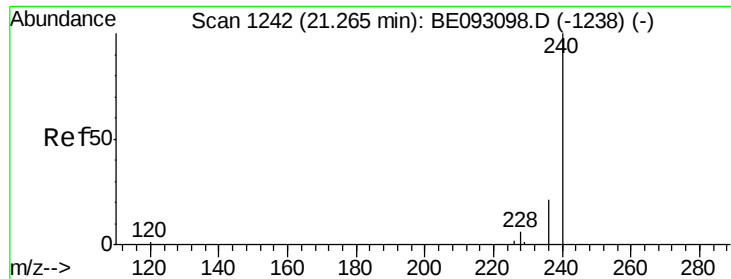
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->

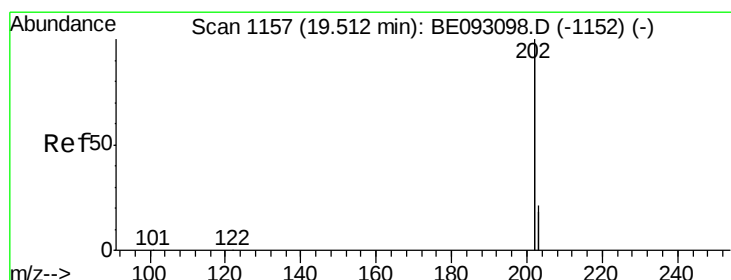
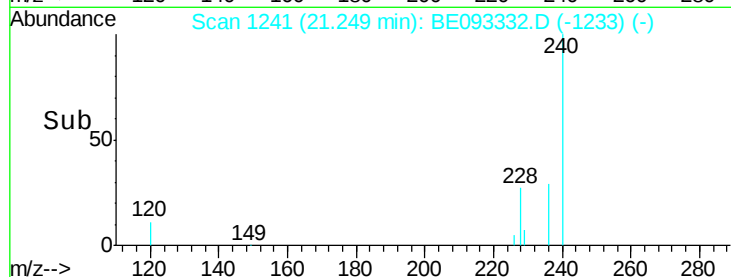
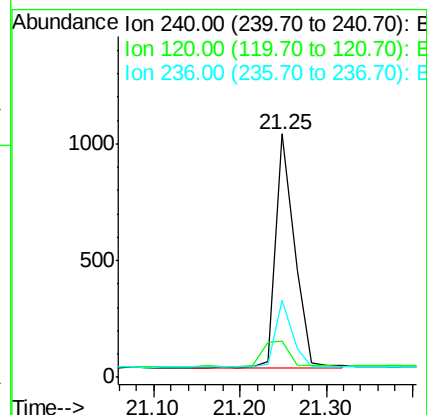
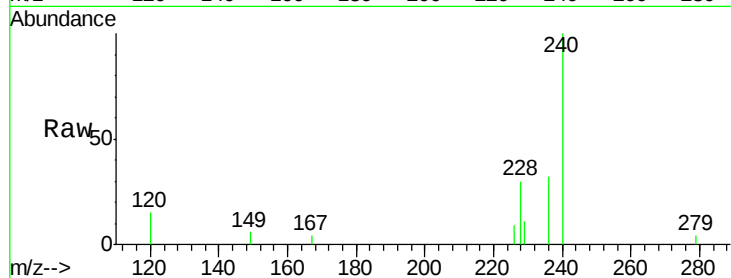




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.25 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

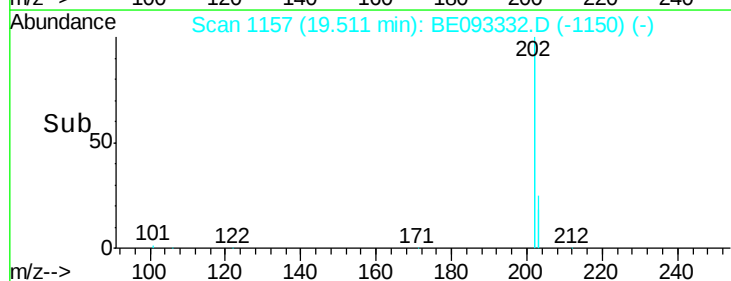
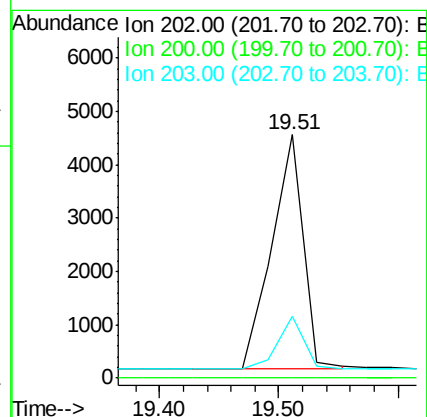
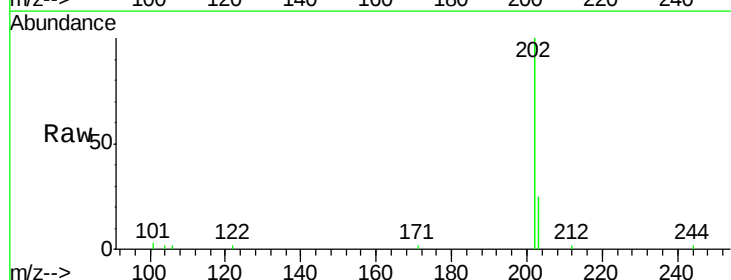
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

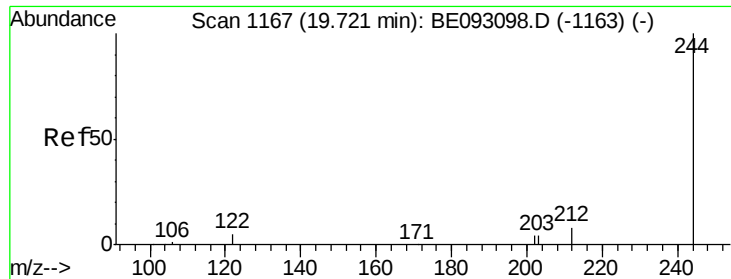
Tgt Ion:240 Resp: 1538
Ion Ratio Lower Upper
240 100
120 15.0 4.6 7.0#
236 31.9 20.8 31.2#



#28
Pyrene
Concen: 0.43 ng
RT: 19.51 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BE093332.D
Acq: 22 Jun 2017 17:25

Tgt Ion:202 Resp: 8105
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 18.7 13.7 20.5





#29

Terphenyl-d14

Concen: 0.44 ng

RT: 19.72 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

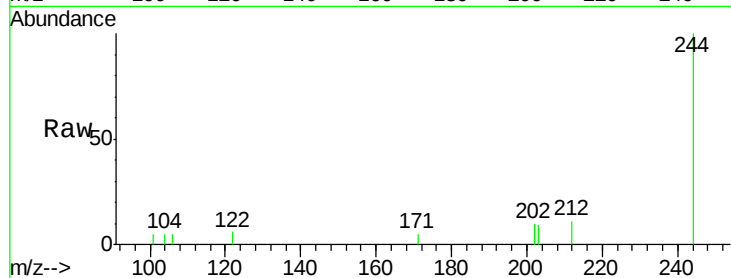
Tgt Ion:244 Resp: 1298

Ion Ratio Lower Upper

244 100

212 11.4 10.6 16.0

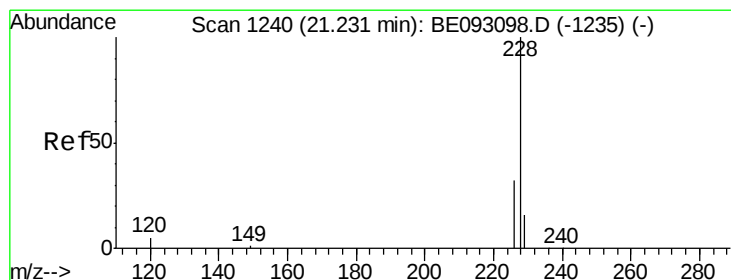
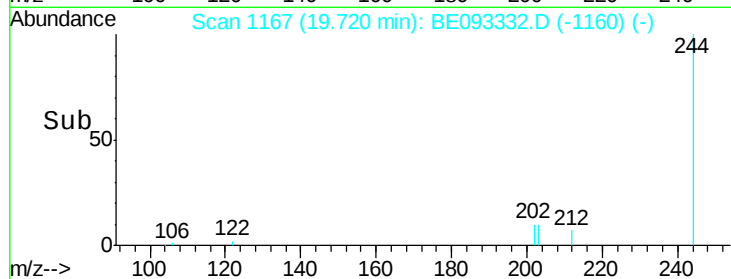
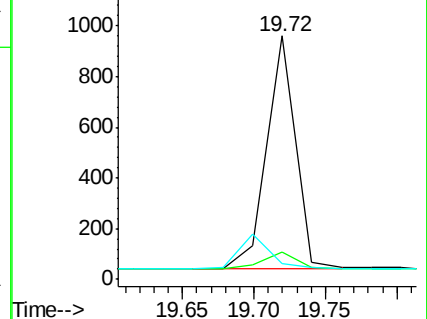
122 6.2 15.4 23.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.47 ng

RT: 21.23 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

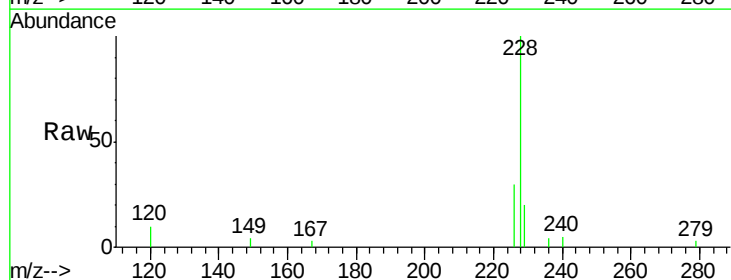
Tgt Ion:228 Resp: 1962

Ion Ratio Lower Upper

228 100

226 30.1 19.7 29.5#

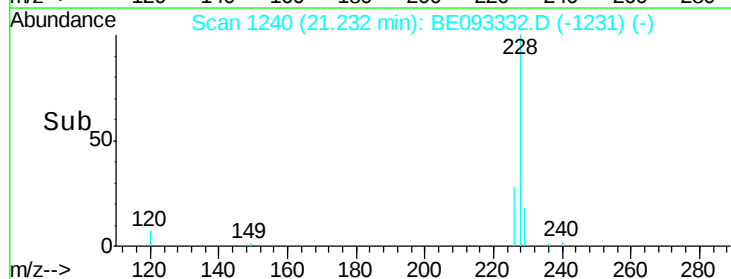
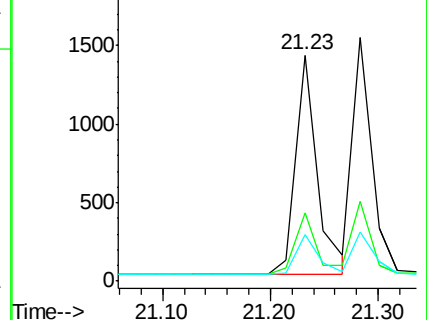
229 20.4 19.2 28.8

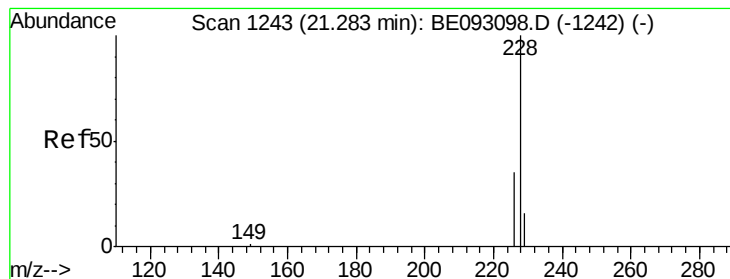


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.44 ng

RT: 21.23 min Scan# 1240

Delta R.T. -0.05 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

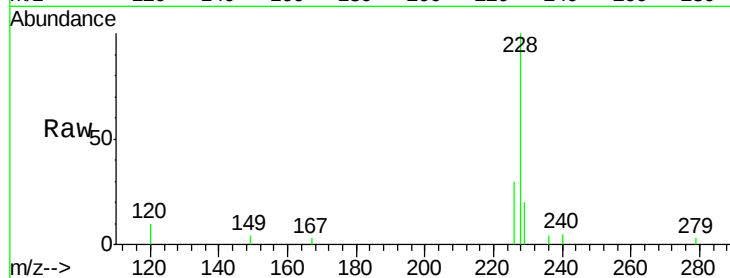
Tgt Ion: 228 Resp: 1962

Ion Ratio Lower Upper

228 100

226 30.1 21.5 32.3

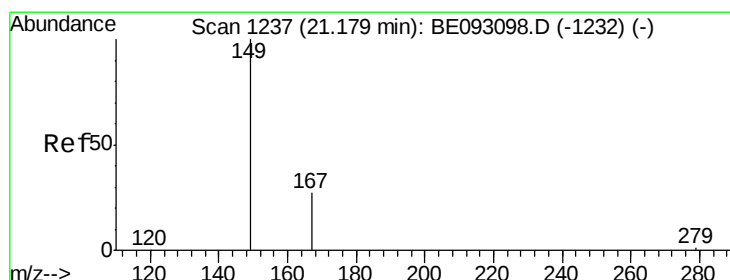
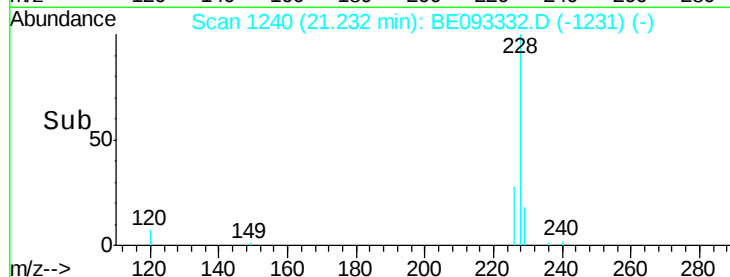
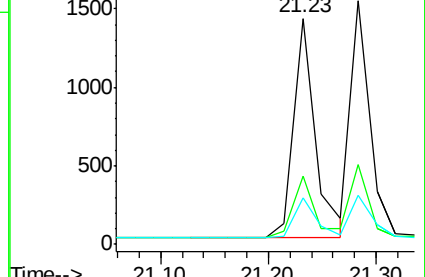
229 20.4 18.6 28.0



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: 0.50 ng

RT: 21.16 min Scan# 1236

Delta R.T. -0.02 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

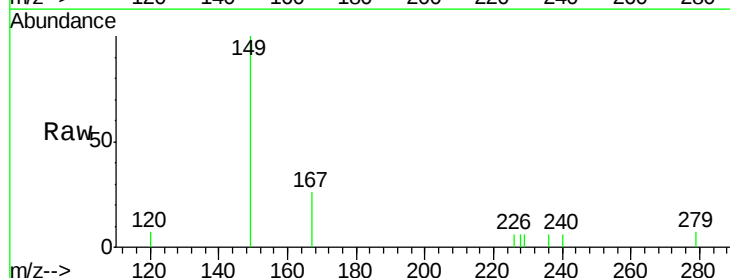
Tgt Ion: 149 Resp: 842

Ion Ratio Lower Upper

149 100

167 24.5 20.1 30.1

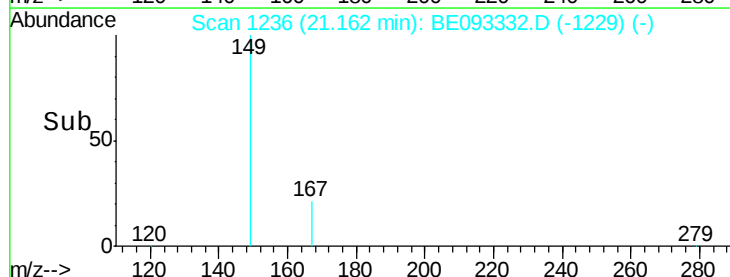
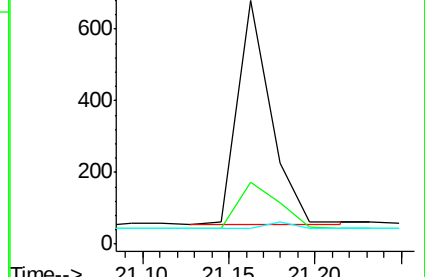
279 2.9 2.2 3.4

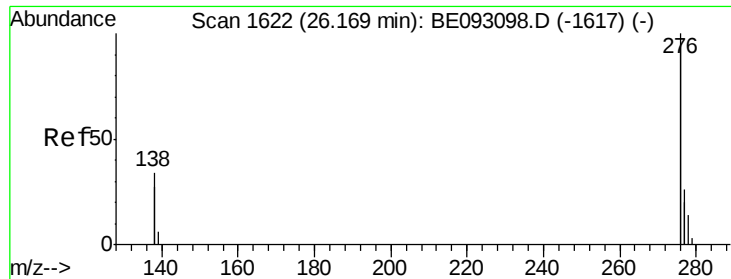


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.43 ng

RT: 26.17 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE093332.D

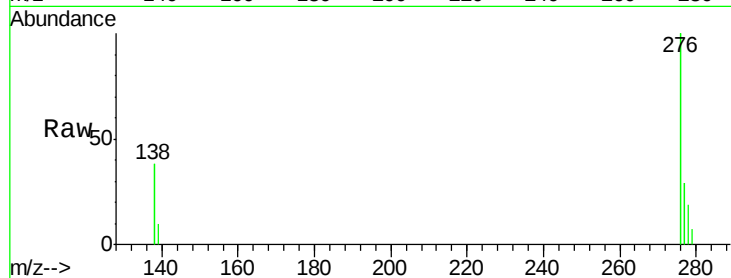
Acq: 22 Jun 2017 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



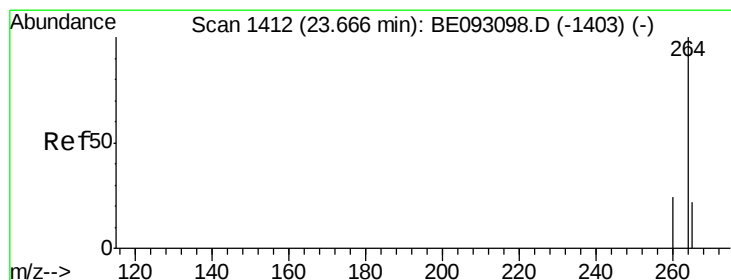
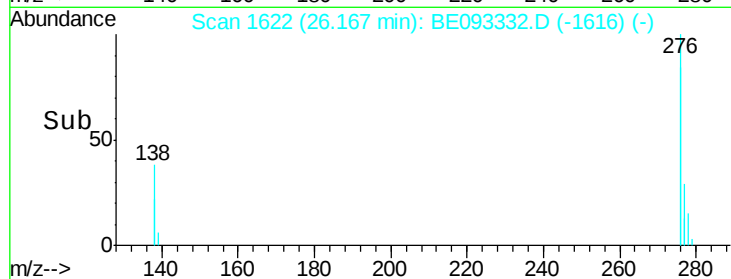
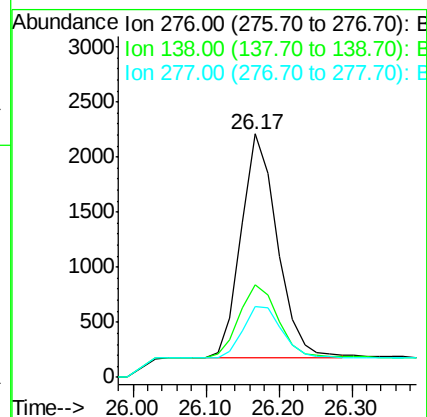
Tgt Ion:276 Resp: 7042

Ion Ratio Lower Upper

276 100

138 34.8 27.4 41.2

277 25.1 20.1 30.1



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.65 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

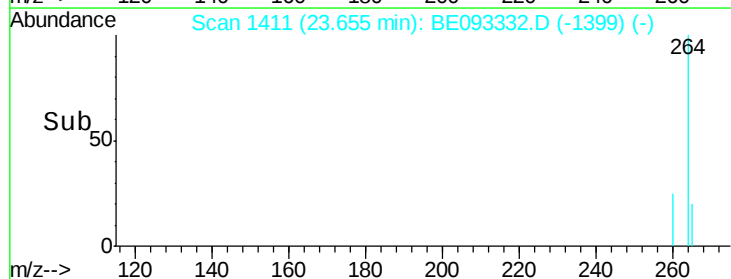
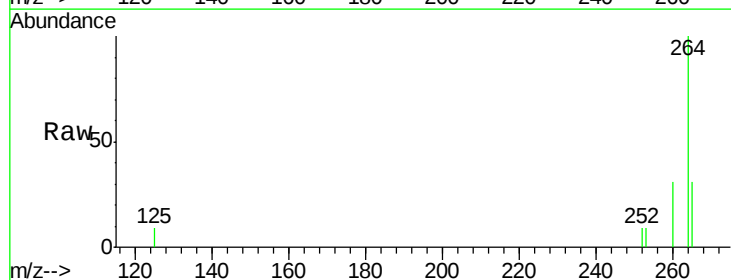
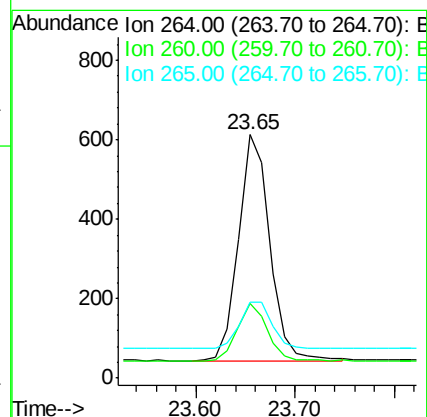
Tgt Ion:264 Resp: 1242

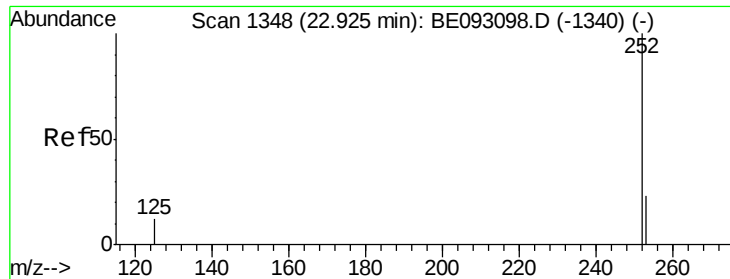
Ion Ratio Lower Upper

264 100

260 30.5 21.0 31.4

265 31.0 24.6 36.8





#35

Benzo(b)fluoranthene

Concen: 0.42 ng

RT: 22.91 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

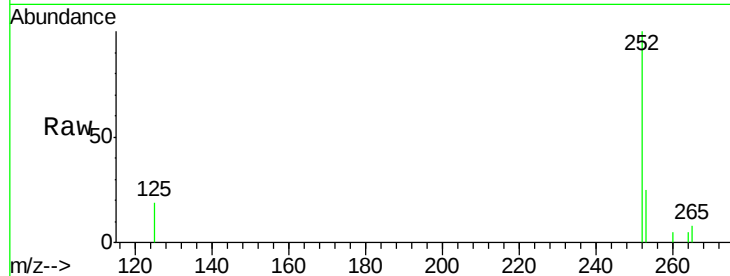
Tgt Ion:252 Resp: 1684

Ion Ratio Lower Upper

252 100

253 24.8 18.5 27.7

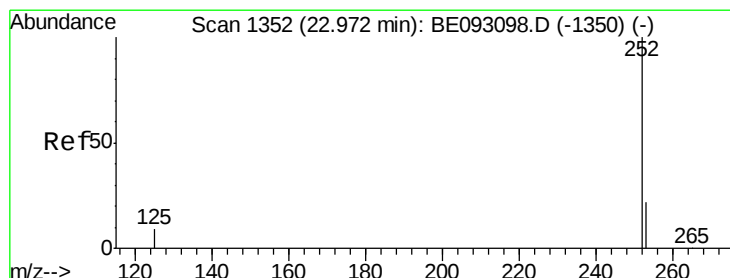
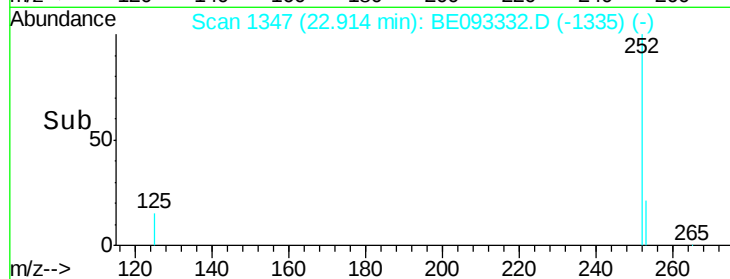
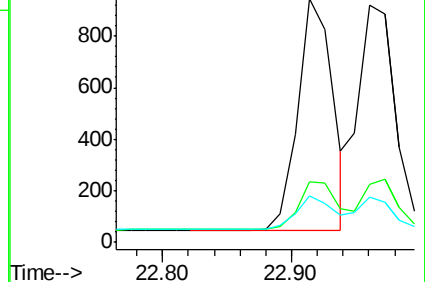
125 19.4 13.4 20.0



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: 0.45 ng

RT: 22.96 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

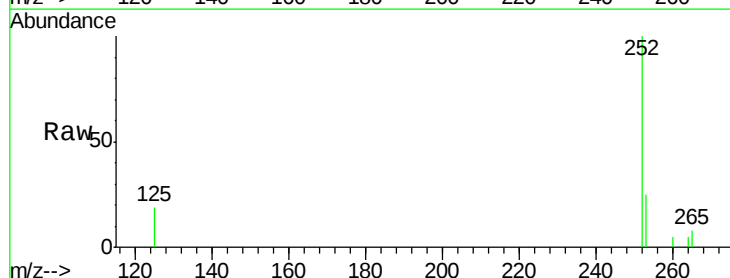
Tgt Ion:252 Resp: 1745

Ion Ratio Lower Upper

252 100

253 24.6 20.3 30.5

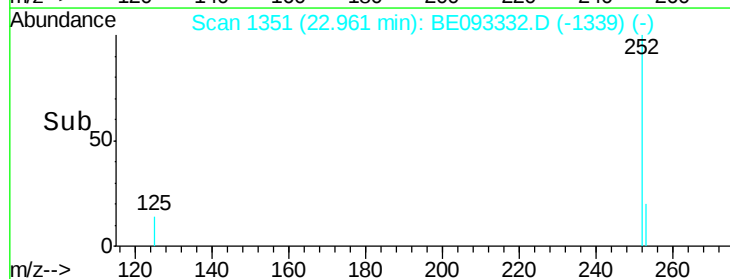
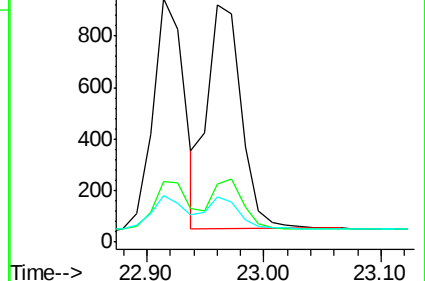
125 19.3 12.2 18.4#

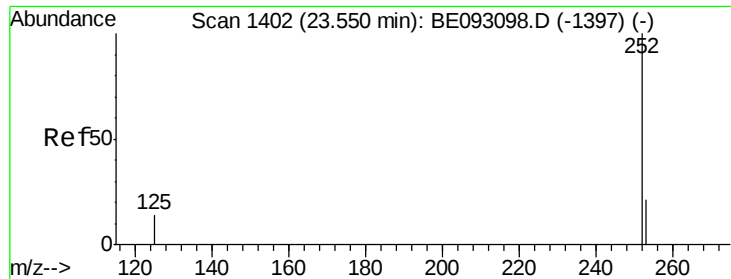


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.44 ng

RT: 23.55 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BE093332.D

Acq: 22 Jun 2017 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

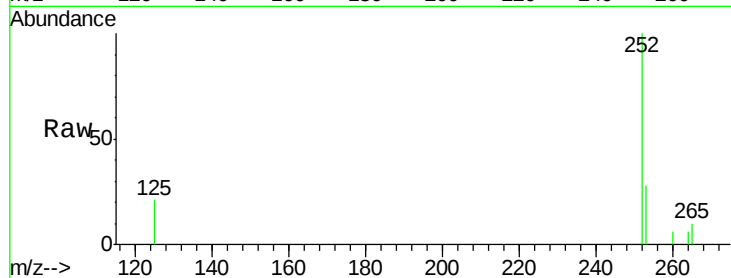
Tgt Ion: 252 Resp: 1530

Ion Ratio Lower Upper

252 100

253 27.7 19.9 29.9

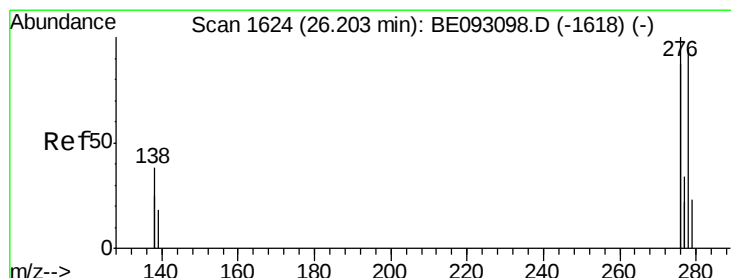
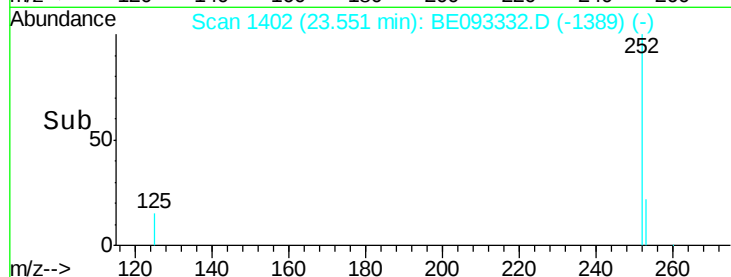
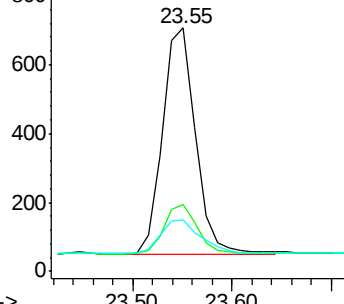
125 21.2 14.6 21.8



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: BE093332.D

Acq: 22 Jun 2017 17:25

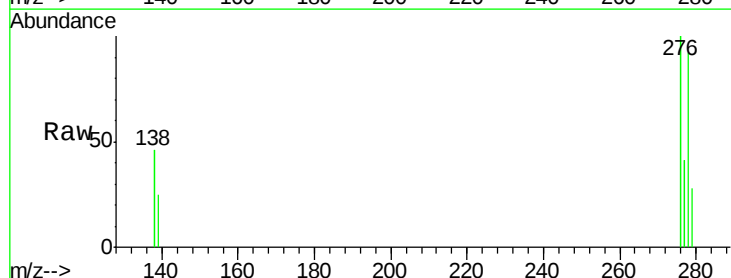
Tgt Ion: 278 Resp: 1542

Ion Ratio Lower Upper

278 100

139 27.3 21.4 32.0

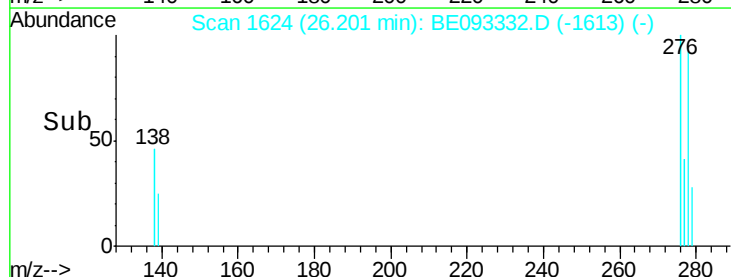
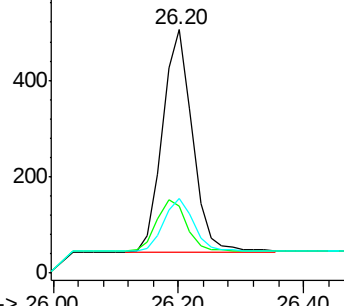
279 30.9 22.2 33.2

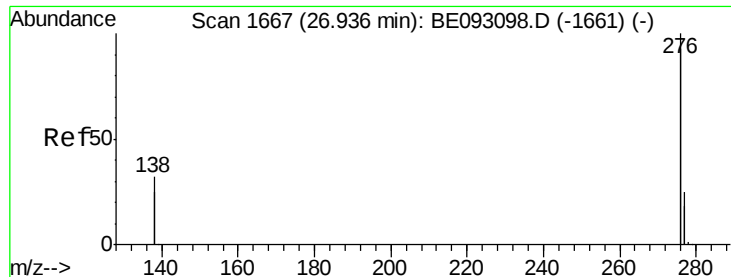


Abundance Ion 278.00 (277.70 to 278.70): E

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: BE093332.D

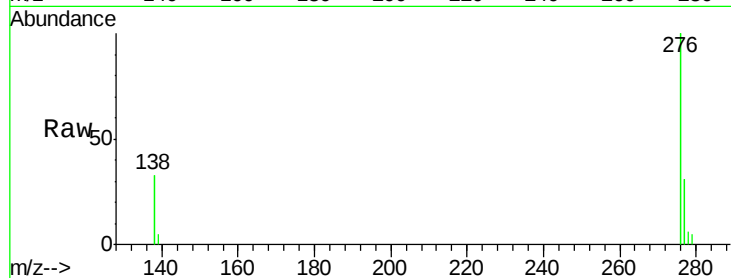
Acq: 22 Jun 2017 17:25

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



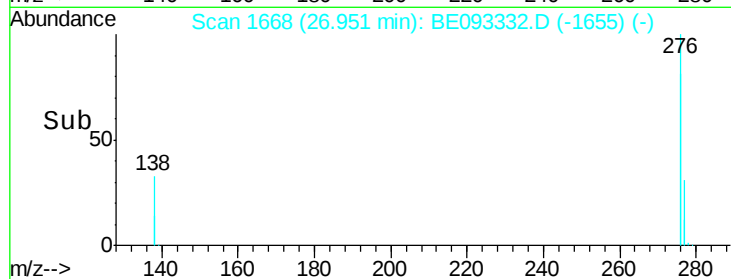
Tgt Ion: 276 Resp: 6138

Ion Ratio Lower Upper

276 100

277 30.8 21.2 31.8

138 32.8 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

