

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
 Data File : BE093120.D
 Acq On : 13 Jun 2017 2:29
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 13 04:59:33 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	564	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	2803	0.40	ng	-0.02
13) Acenaphthene-d10	14.37	164	1564	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3164	0.40	ng	0.00
27) Chrysene-d12	21.27	240	4777	0.40	ng	0.00
34) Perylene-d12	23.67	264	4063	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	855	0.51	ng	0.00
5) Phenol-d6	6.90	99	1190	0.49	ng	0.00
8) Nitrobenzene-d5	8.88	82	1108	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1865	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	215	0.60	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	2720	0.41	ng	0.00
25) Fluoranthene-d10	19.11	212	4823	0.46	ng	0.00
29) Terphenyl-d14	19.72	244	3850	0.42	ng	0.00

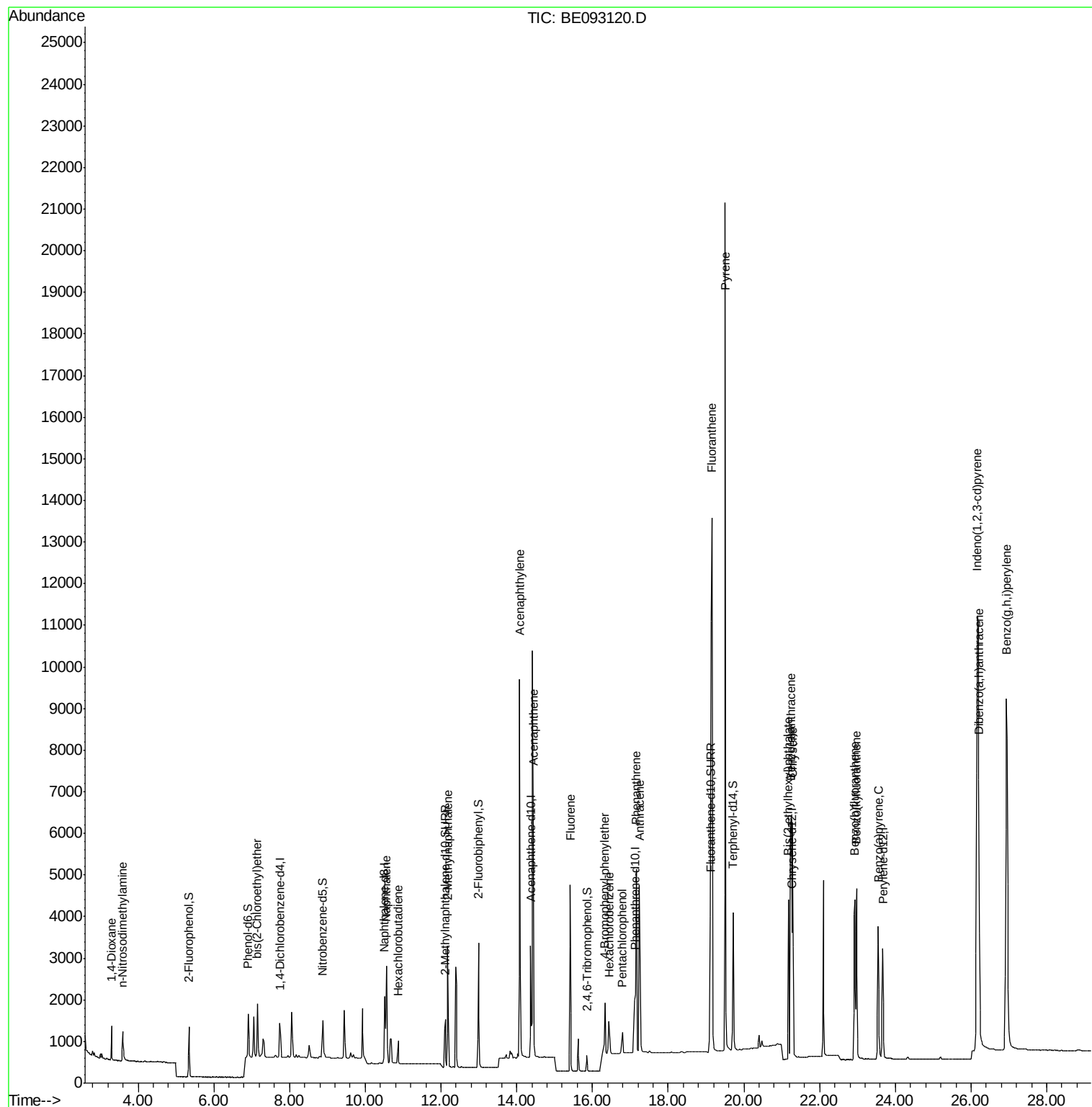
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	552	0.441	ng	98
3) n-Nitrosodimethylamine	3.59	42	502	0.470	ng	97
6) bis(2-Chloroethyl)ether	7.15	93	987	0.464	ng	# 100
9) Naphthalene	10.56	128	3257	0.433	ng	99
10) Hexachlorobutadiene	10.87	225	438	0.429	ng	99
12) 2-Methylnaphthalene	12.18	142	2075	0.444	ng	99
16) Acenaphthylene	14.08	152	11902	0.437	ng	99
17) Acenaphthene	14.44	154	2183	0.430	ng	95
18) Fluorene	15.41	166	2706	0.443	ng	100
20) 4-Bromophenyl-phenylether	16.33	248	846	0.439	ng	# 80
21) Hexachlorobenzene	16.44	284	763	0.450	ng	# 100
22) Pentachlorophenol	16.79	266	423	0.774	ng	# 83
23) Phenanthrene	17.16	178	5897	0.412	ng	99
24) Anthracene	17.25	178	5465	0.451	ng	100
26) Fluoranthene	19.16	202	23009	0.443	ng	# 100
28) Pyrene	19.51	202	25970	0.446	ng	# 98
30) Benzo(a)anthracene	21.23	228	5843	0.453	ng	# 86
31) Chrysene	21.28	228	5843	0.424	ng	# 86
32) Bis(2-ethylhexyl)phthalate	21.18	149	3828	0.718	ng	95
33) Indeno(1,2,3-cd)pyrene	26.17	276	21894	0.426	ng	100
35) Benzo(b)fluoranthene	22.93	252	5897	0.452	ng	95
36) Benzo(k)fluoranthene	22.97	252	5084	0.404	ng	99
37) Benzo(a)pyrene	23.55	252	5029	0.446	ng	99
38) Dibenzo(a,h)anthracene	26.20	278	4822	0.410	ng	95
39) Benzo(g,h,i)perylene	26.94	276	19875	0.418	ng	98

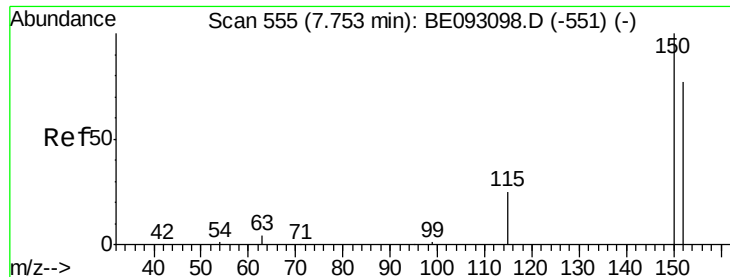
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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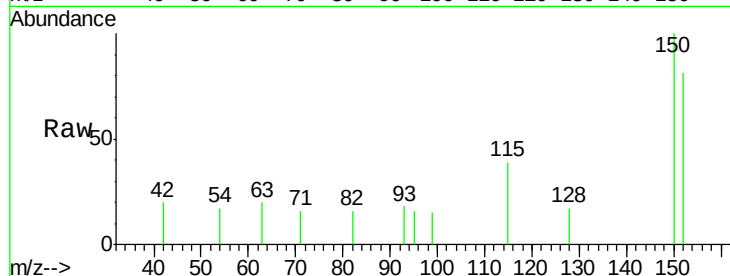


#1

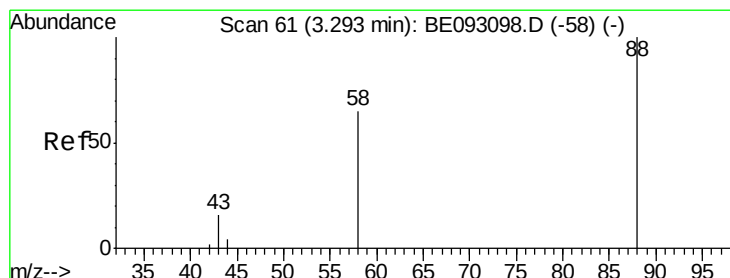
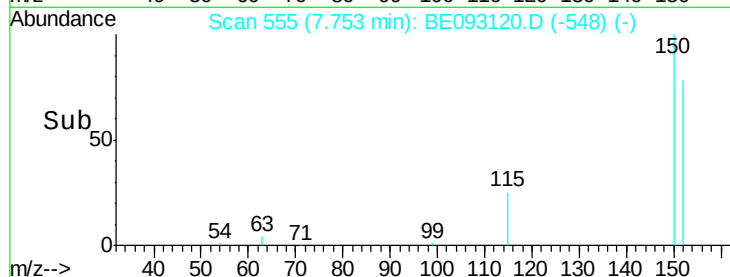
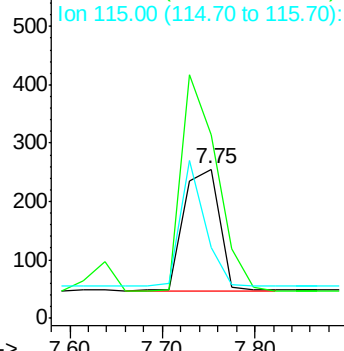
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE093120.D
Acq: 13 Jun 2017 2:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 564
Ion Ratio Lower Upper
152 100
150 123.1 125.1 187.7#
115 47.8 55.7 83.5#



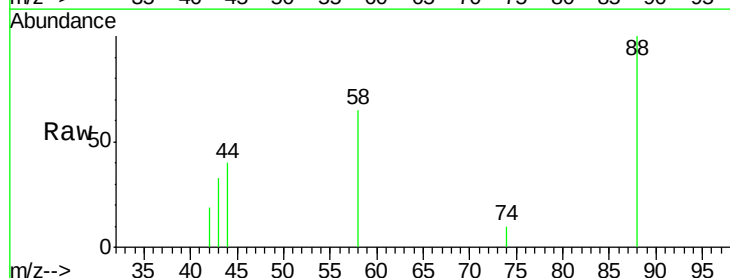
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



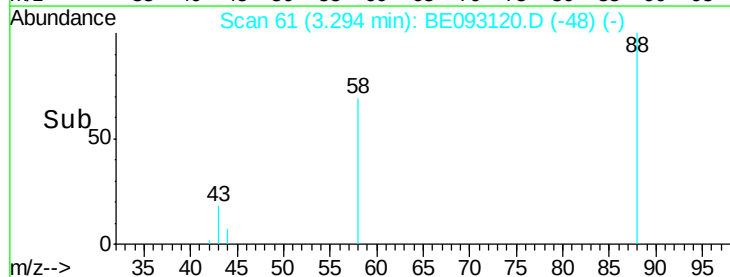
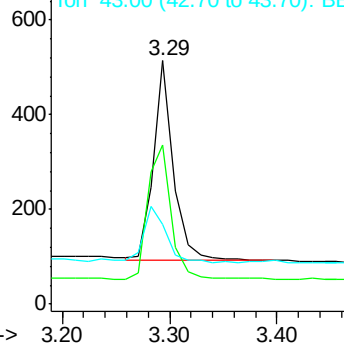
#2

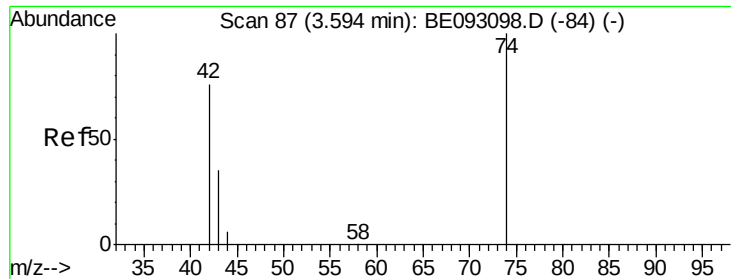
1,4-Dioxane
Concen: 0.441 ng
RT: 3.29 min Scan# 61
Delta R.T. 0.00 min
Lab File: BE093120.D
Acq: 13 Jun 2017 2:29

Tgt Ion: 88 Resp: 552
Ion Ratio Lower Upper
88 100
58 77.7 62.2 93.4
43 33.5 23.2 34.8



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.470 ng

RT: 3.59 min Scan# 87

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

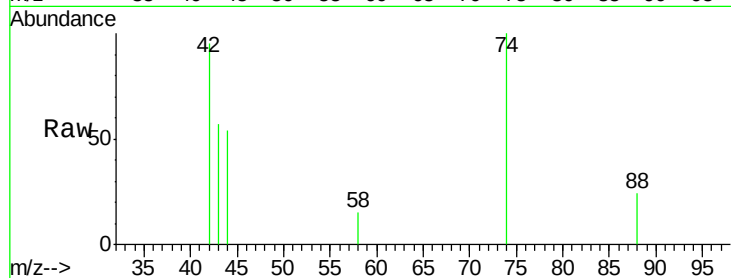
Tgt Ion: 42 Resp: 502

Ion Ratio Lower Upper

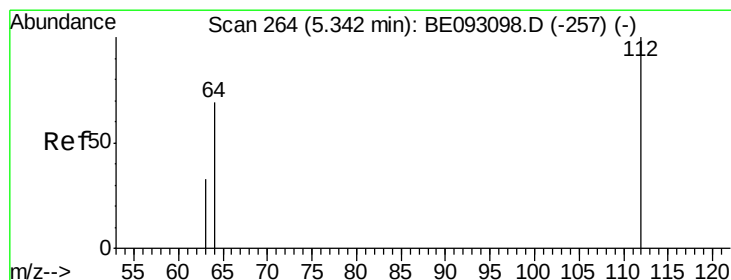
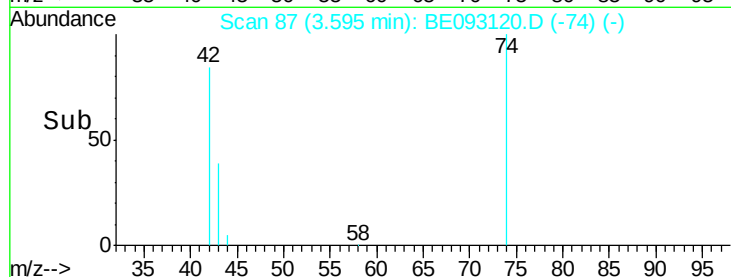
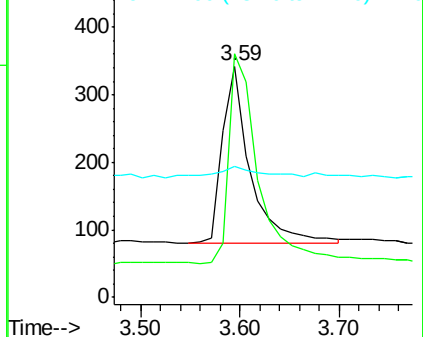
42 100

74 127.5 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: 0.514 ng

RT: 5.34 min Scan# 264

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

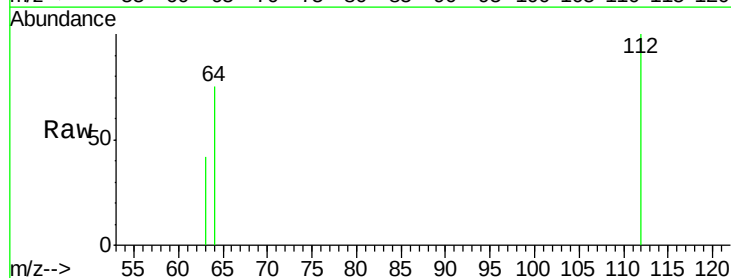
Tgt Ion: 112 Resp: 855

Ion Ratio Lower Upper

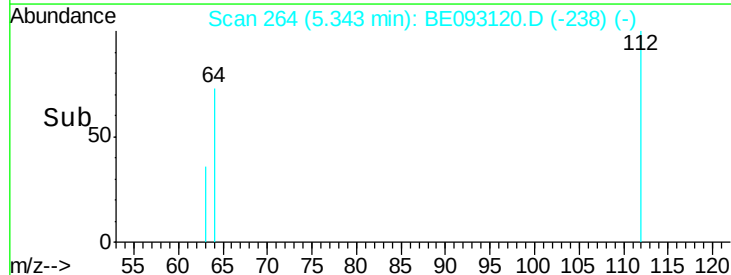
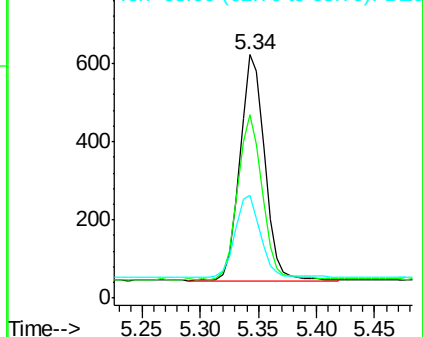
112 100

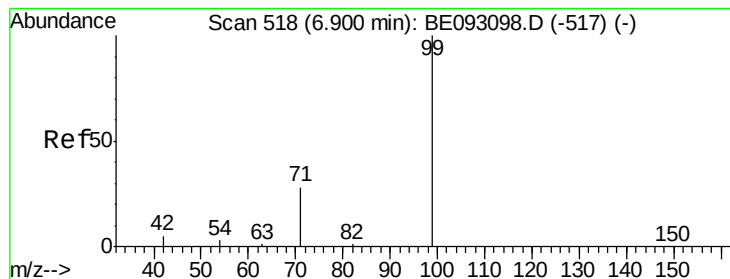
64 73.5 56.4 84.6

63 37.2 29.3 43.9



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





#5

Phenol-d6

Concen: 0.488 ng

RT: 6.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

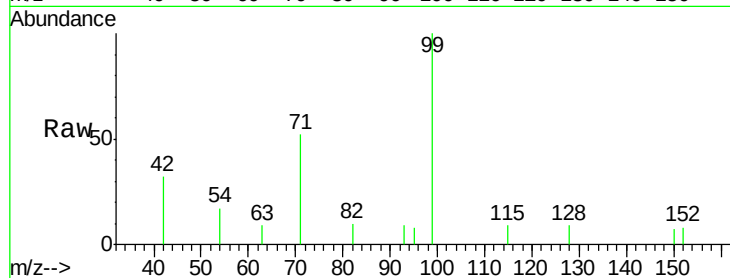
Tgt Ion: 99 Resp: 1190

Ion Ratio Lower Upper

99 100

42 23.2 0.0 0.0#

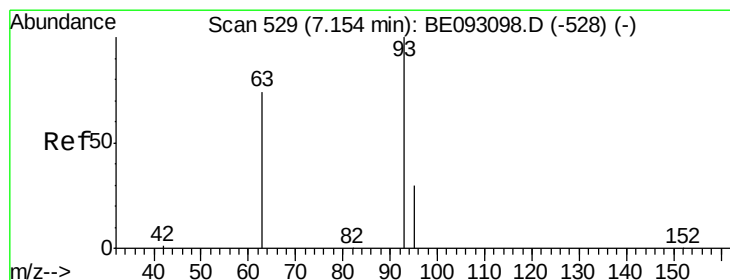
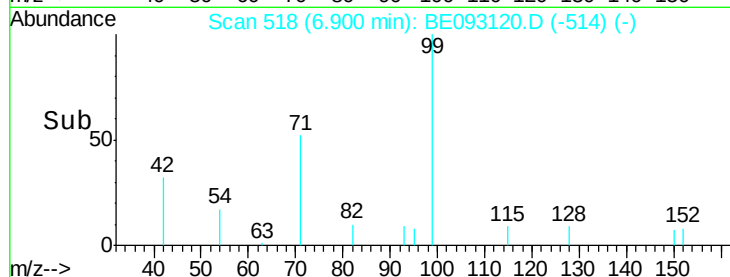
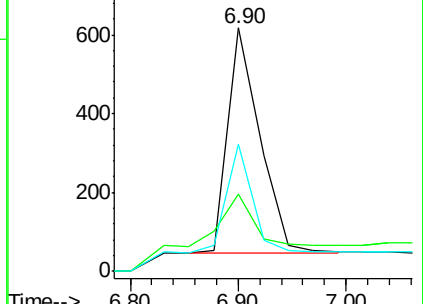
71 38.9 0.0 0.0#



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: 0.464 ng

RT: 7.15 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

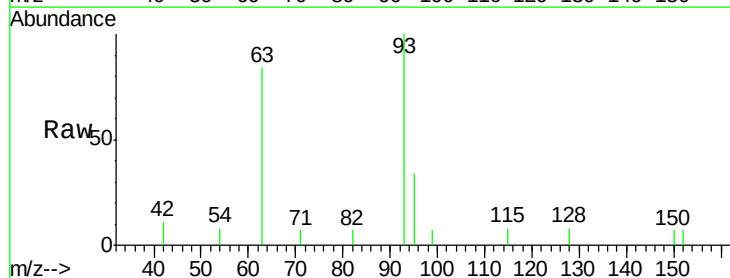
Tgt Ion: 93 Resp: 987

Ion Ratio Lower Upper

93 100

63 87.2 0.0 0.0#

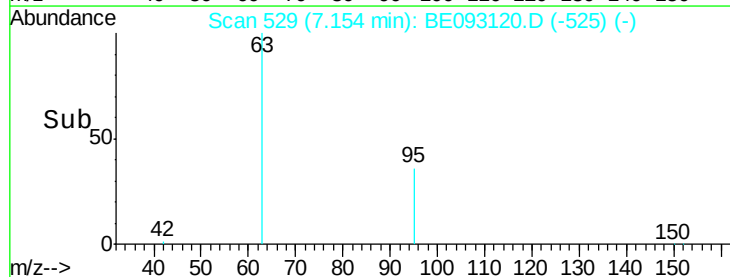
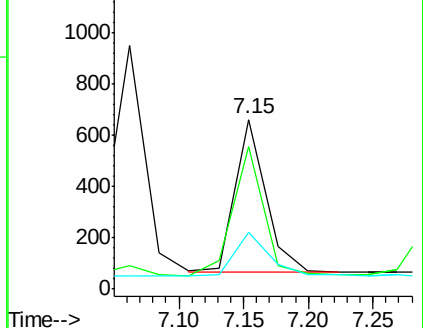
95 31.8 25.4 38.0

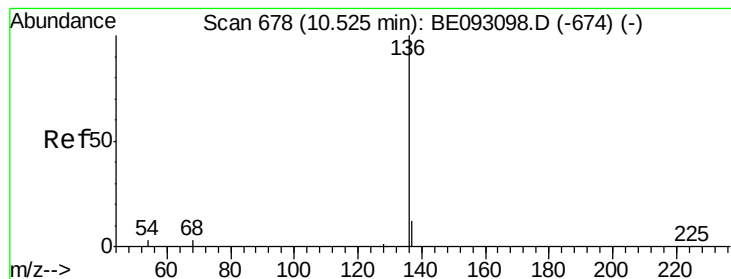


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.51 min Scan# 677

Delta R.T. -0.02 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

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ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 2803

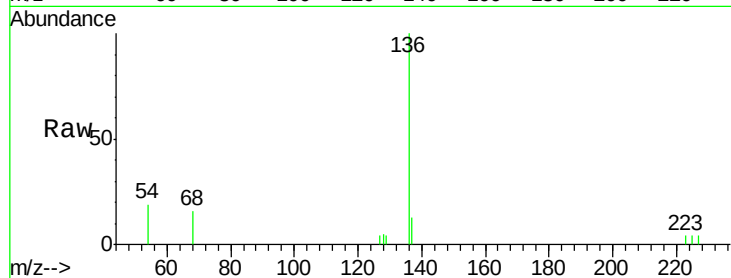
Ion Ratio Lower Upper

136 100

137 12.8 9.8 14.8

54 19.4 10.3 15.5#

68 15.7 9.0 13.4#

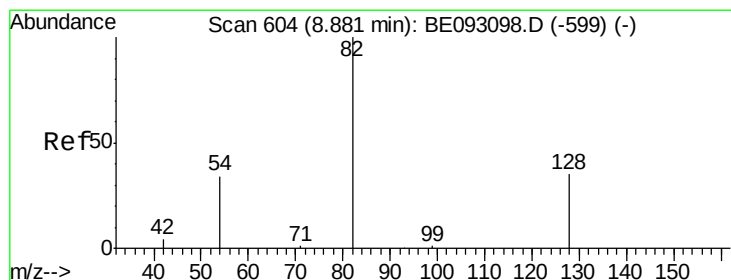
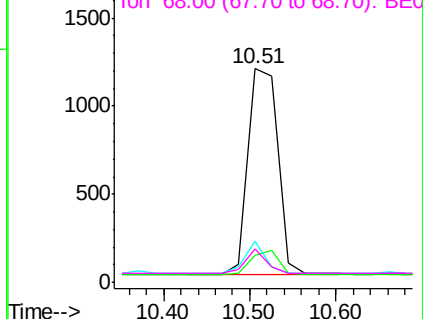
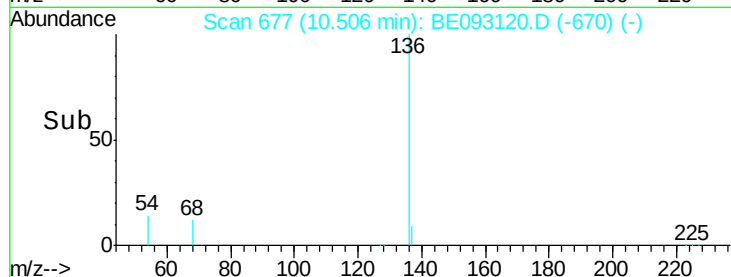


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.495 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

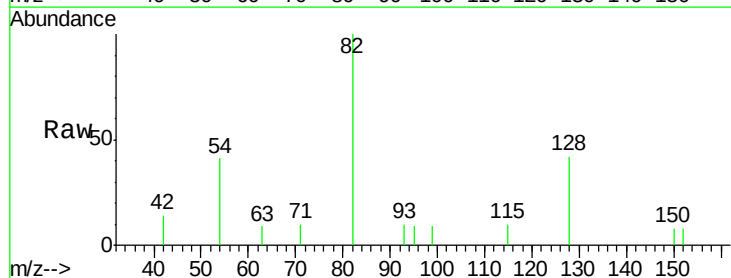
Tgt Ion: 82 Resp: 1108

Ion Ratio Lower Upper

82 100

128 42.3 17.0 25.4#

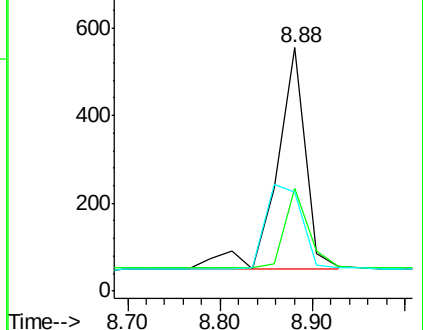
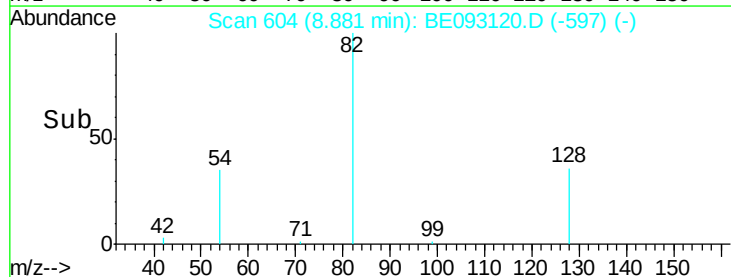
54 40.7 53.8 80.6#

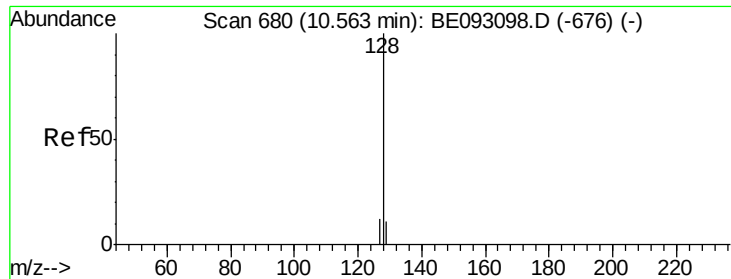


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.433 ng

RT: 10.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE093120.D

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Instrument :

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ClientSampleId :

SSTDCCC0.4EC

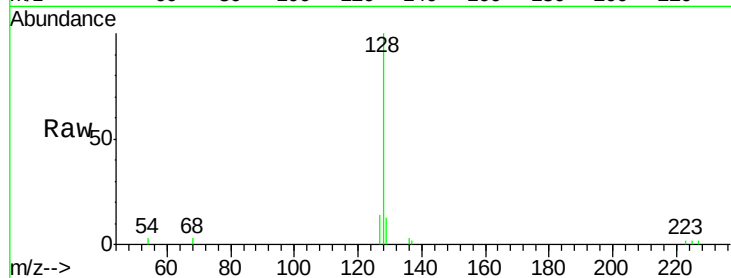
Tgt Ion:128 Resp: 3257

Ion Ratio Lower Upper

128 100

129 13.3 11.4 17.0

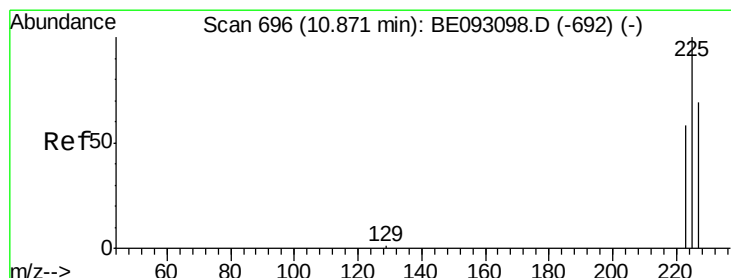
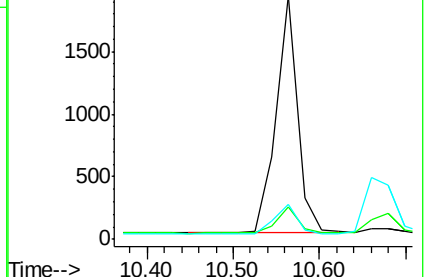
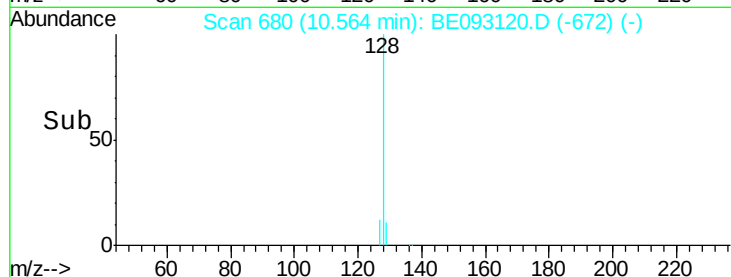
127 14.2 11.2 16.8



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: 0.429 ng

RT: 10.87 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

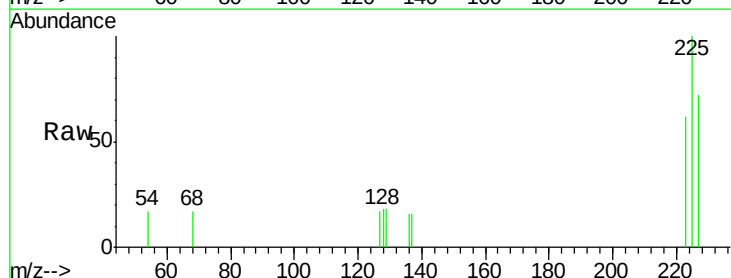
Tgt Ion:225 Resp: 438

Ion Ratio Lower Upper

225 100

223 62.3 49.7 74.5

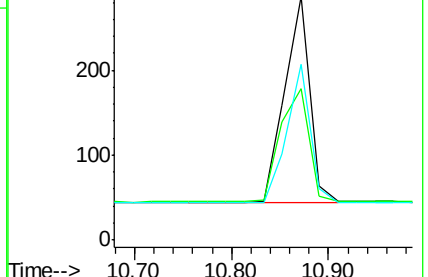
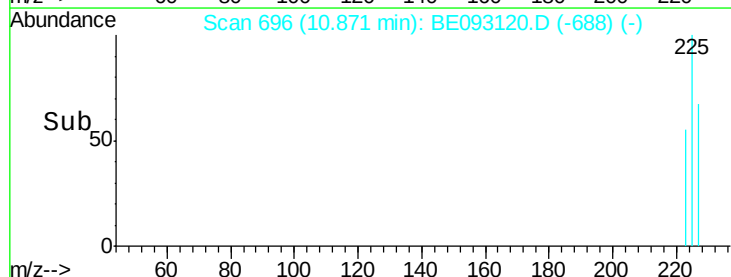
227 62.3 50.3 75.5

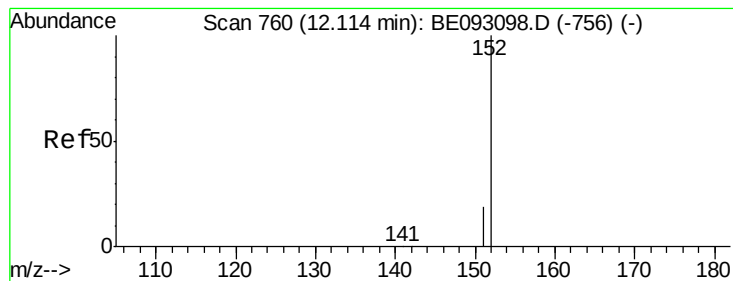


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.443 ng

RT: 12.11 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

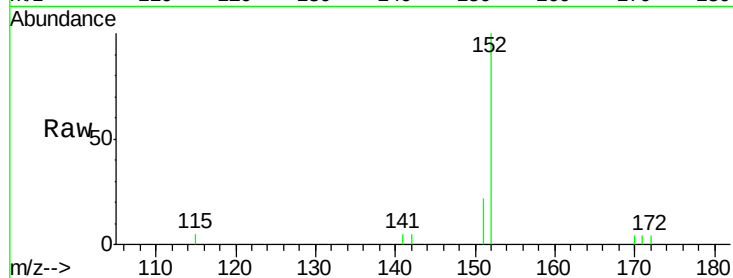
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1865

Ion Ratio Lower Upper

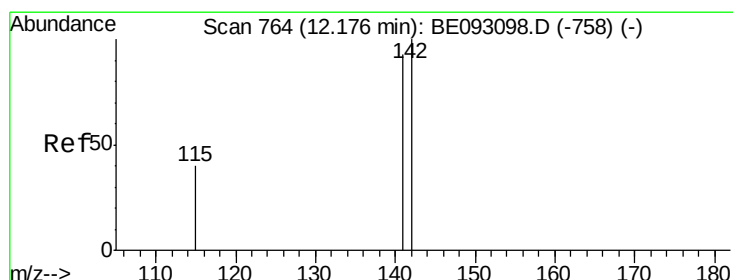
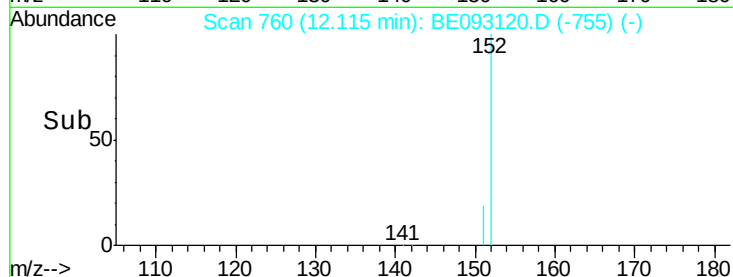
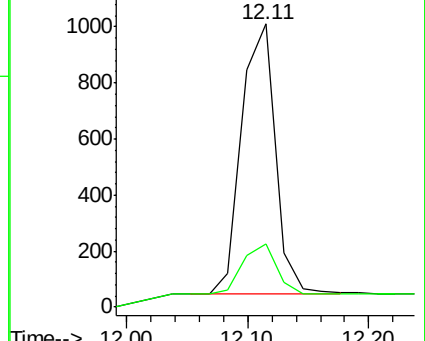
152 100

151 19.0 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: 0.444 ng

RT: 12.18 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

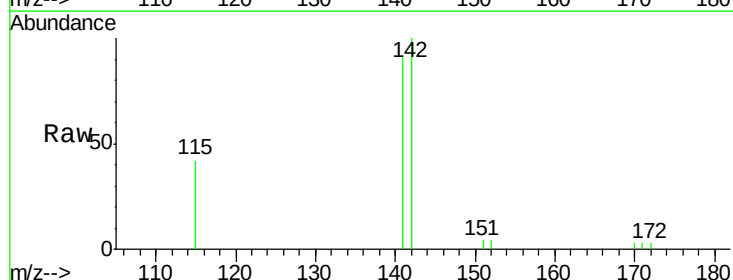
Tgt Ion:142 Resp: 2075

Ion Ratio Lower Upper

142 100

141 91.0 72.6 108.8

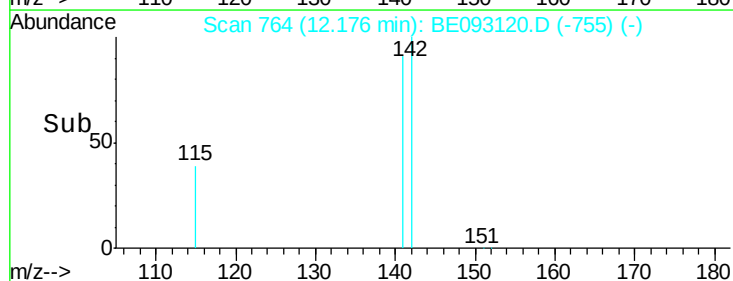
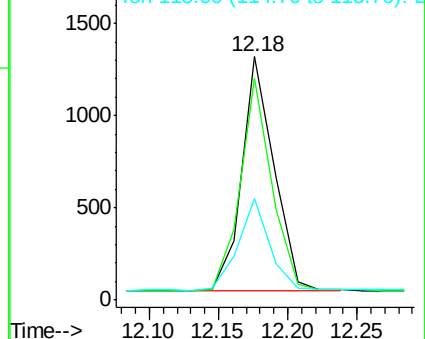
115 41.7 32.2 48.2

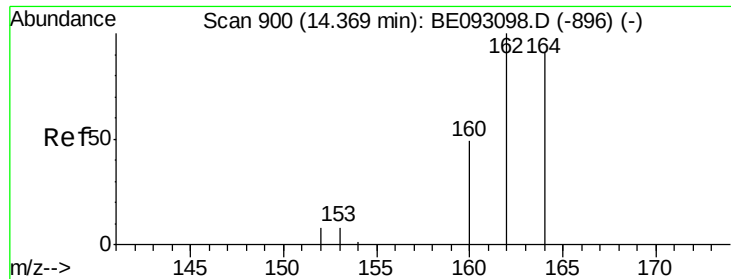


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

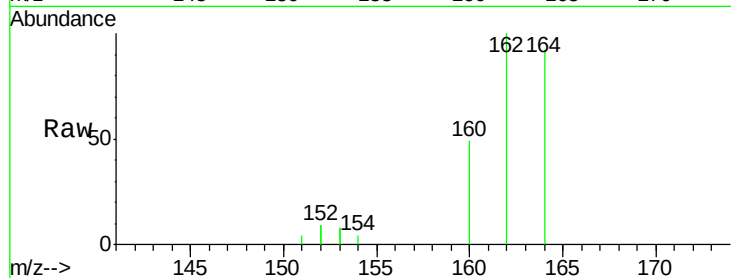
Tgt Ion:164 Resp: 1564

Ion Ratio Lower Upper

164 100

162 108.3 84.6 127.0

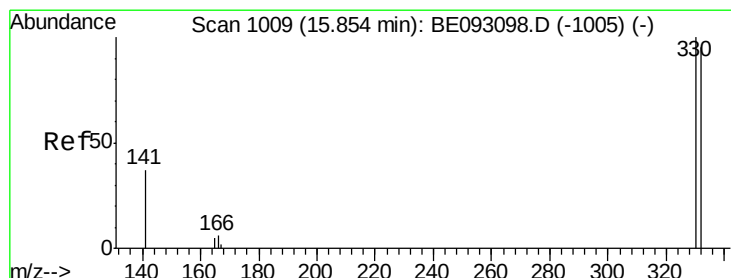
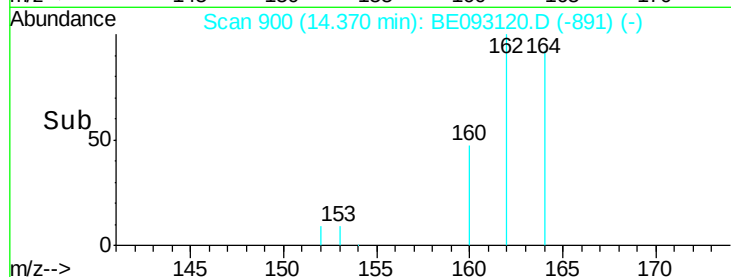
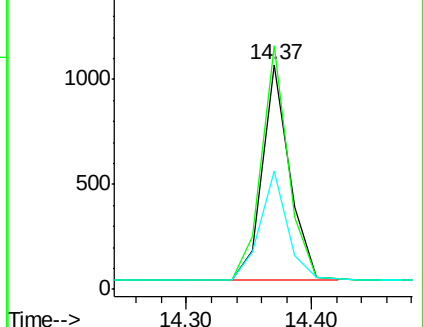
160 52.8 41.8 62.6



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: 0.603 ng

RT: 15.85 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

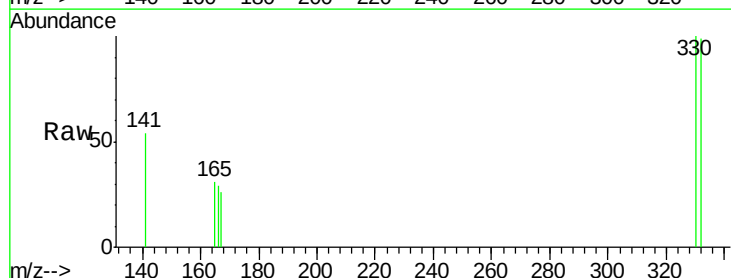
Tgt Ion:330 Resp: 215

Ion Ratio Lower Upper

330 100

332 98.1 77.7 116.5

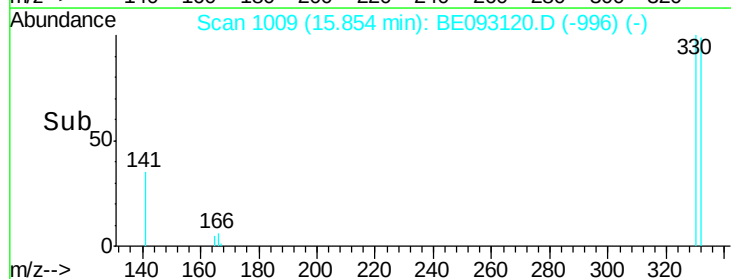
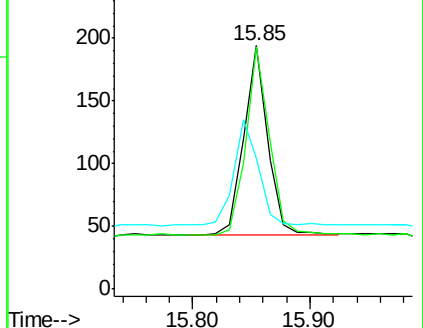
141 60.0 56.2 84.4

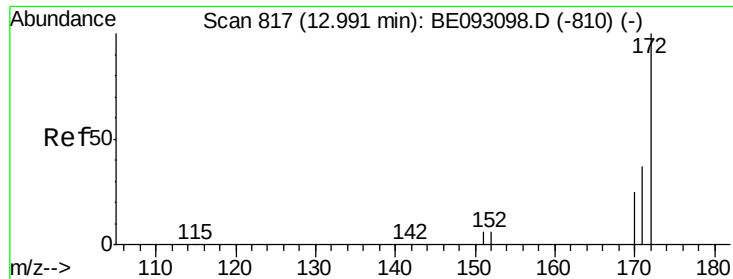


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

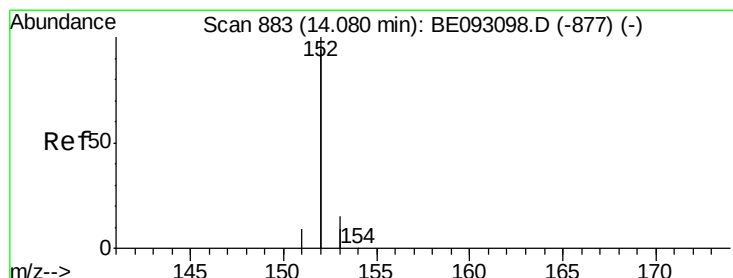
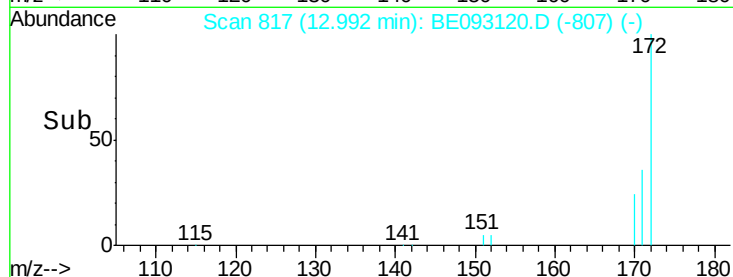
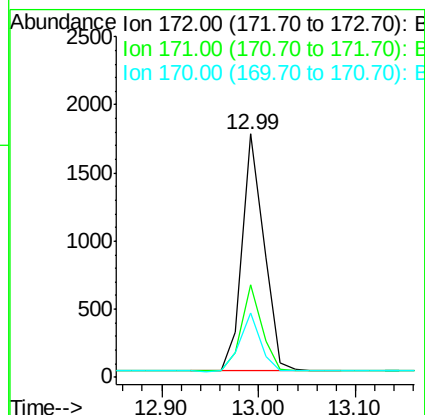
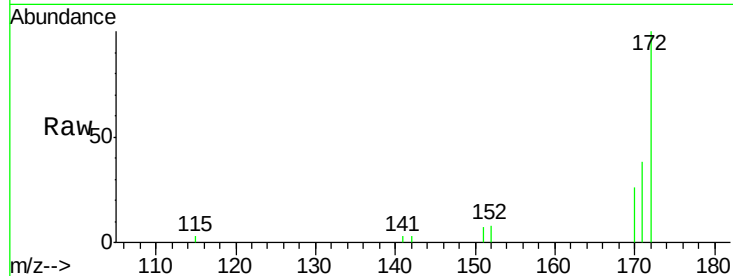




#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093120.D
Acq: 13 Jun 2017 2:29

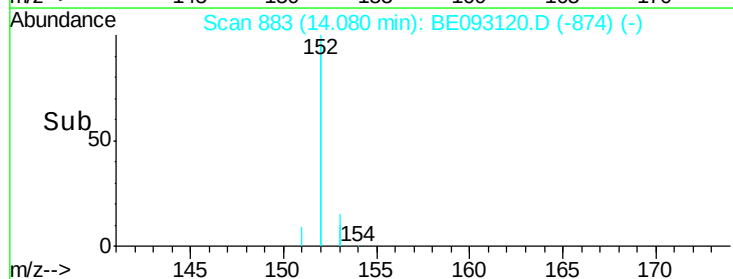
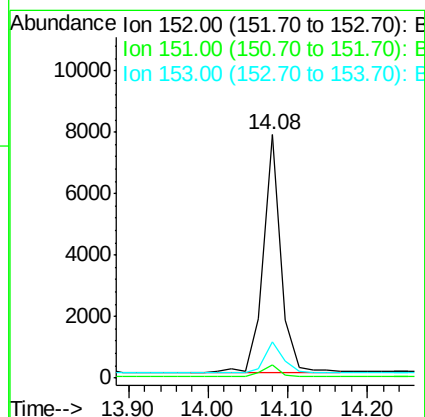
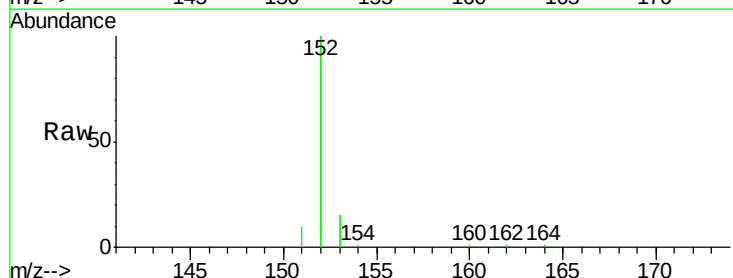
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

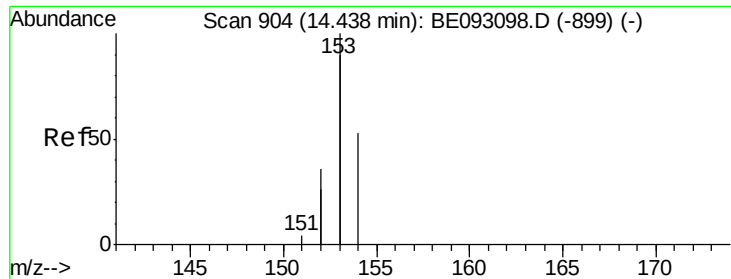
Tgt Ion:172 Resp: 2720
Ion Ratio Lower Upper
172 100
171 37.9 29.8 44.6
170 26.2 20.7 31.1



#16
Acenaphthylene
Concen: 0.437 ng
RT: 14.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE093120.D
Acq: 13 Jun 2017 2:29

Tgt Ion:152 Resp: 11902
Ion Ratio Lower Upper
152 100
151 4.9 4.0 6.0
153 13.5 10.3 15.5

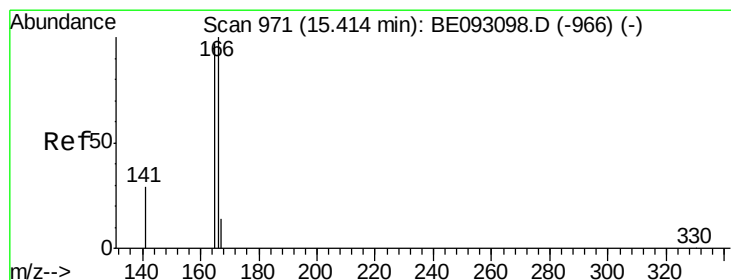
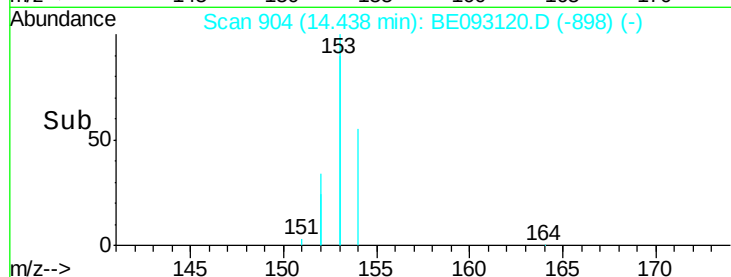
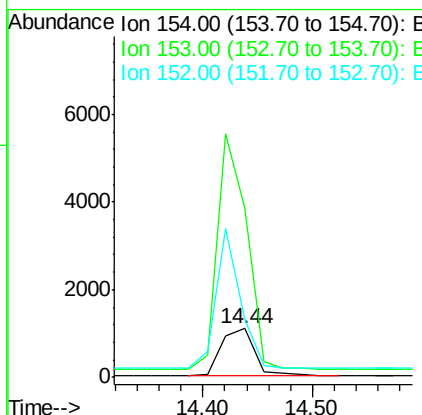
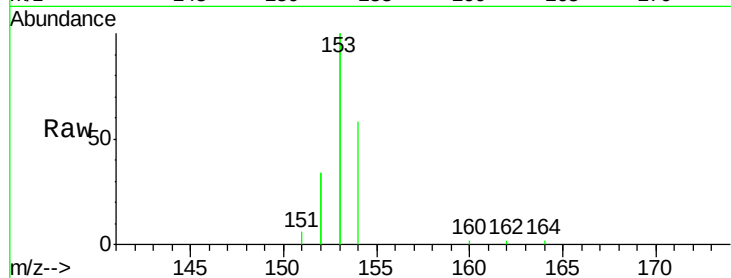




#17
 Acenaphthene
 Concen: 0.430 ng
 RT: 14.44 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BE093120.D
 Acq: 13 Jun 2017 2:29

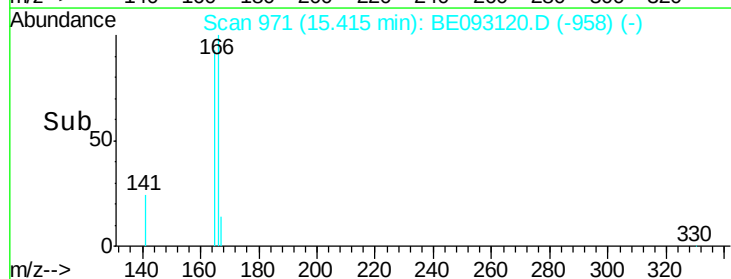
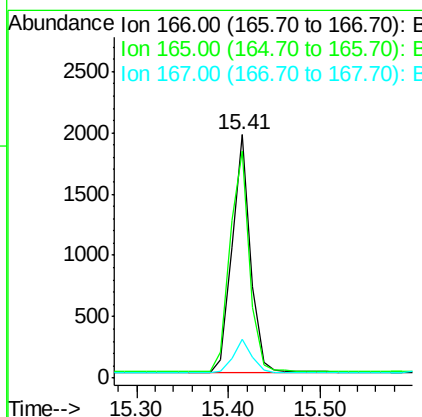
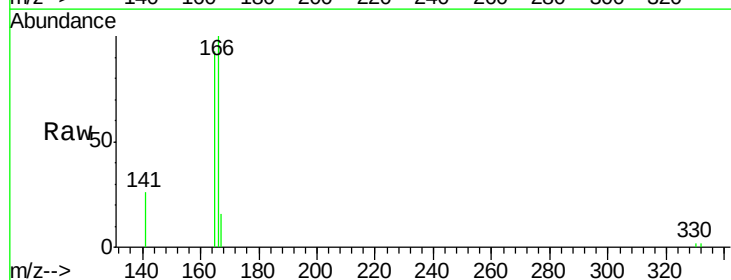
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

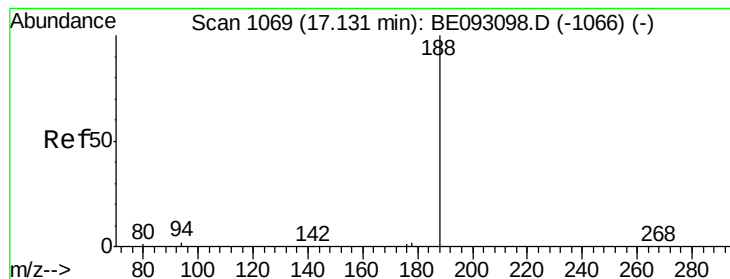
Tgt Ion:154 Resp: 2183
 Ion Ratio Lower Upper
 154 100
 153 447.4 367.8 551.6
 152 225.0 188.2 282.2



#18
 Fluorene
 Concen: 0.443 ng
 RT: 15.41 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BE093120.D
 Acq: 13 Jun 2017 2:29

Tgt Ion:166 Resp: 2706
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.6 117.8
 167 14.0 11.1 16.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.13 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

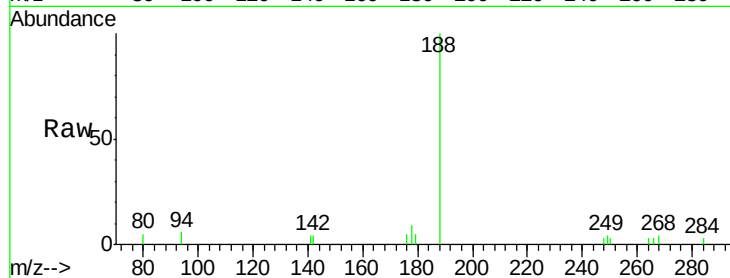
Tgt Ion:188 Resp: 3164

Ion Ratio Lower Upper

188 100

94 5.5 11.3 16.9#

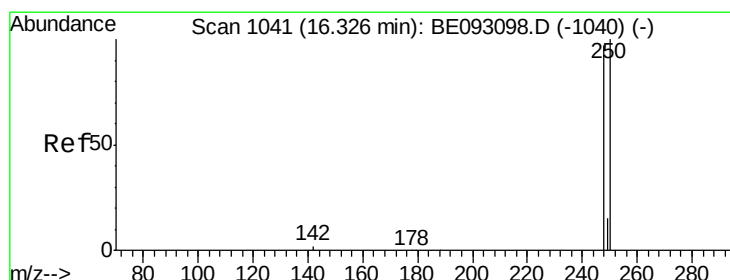
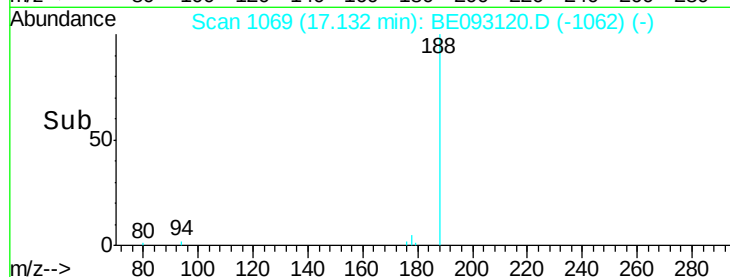
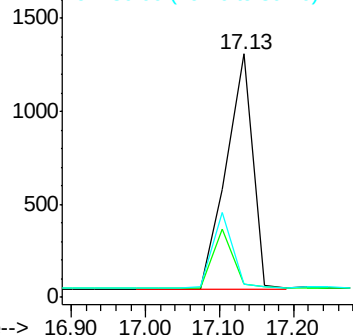
80 5.2 11.7 17.5#



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: 0.439 ng

RT: 16.33 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

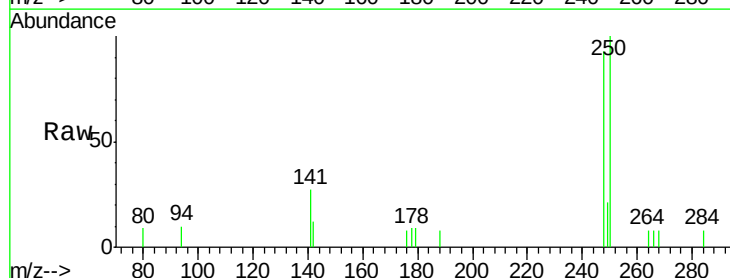
Tgt Ion:248 Resp: 846

Ion Ratio Lower Upper

248 100

250 107.3 100.0 150.0

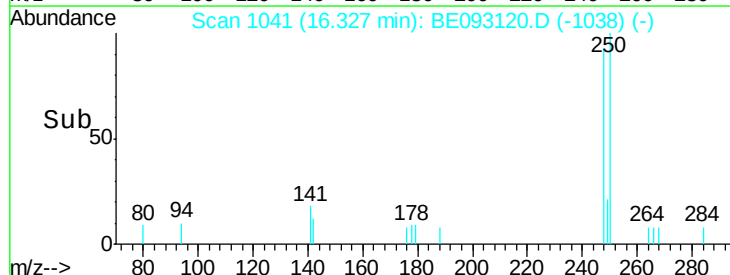
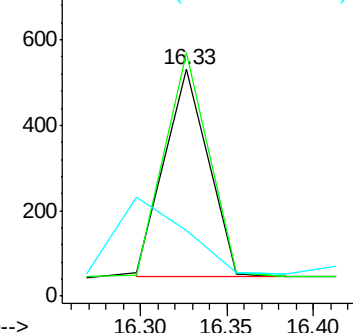
141 28.8 40.0 60.0#

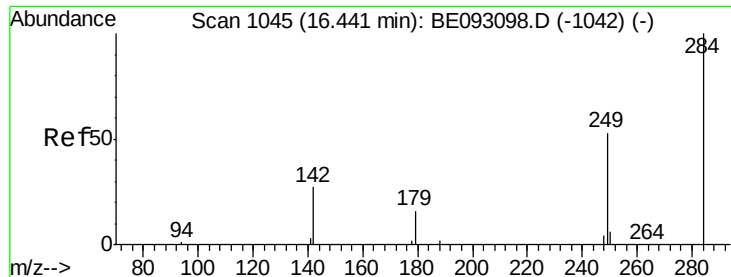


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.450 ng

RT: 16.44 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

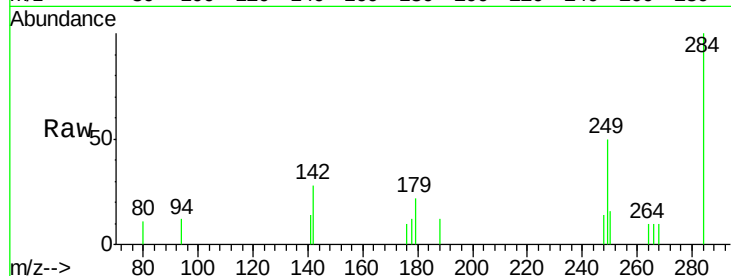
Tgt Ion:284 Resp: 763

Ion Ratio Lower Upper

284 100

142 33.9 0.0 0.0#

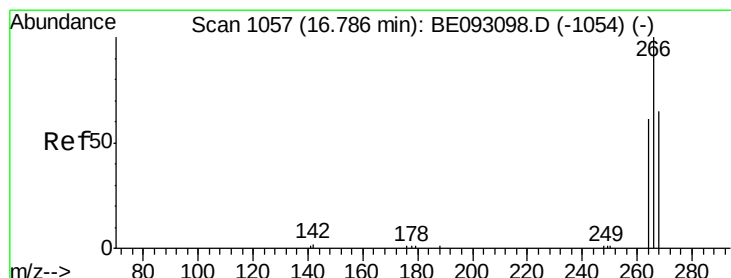
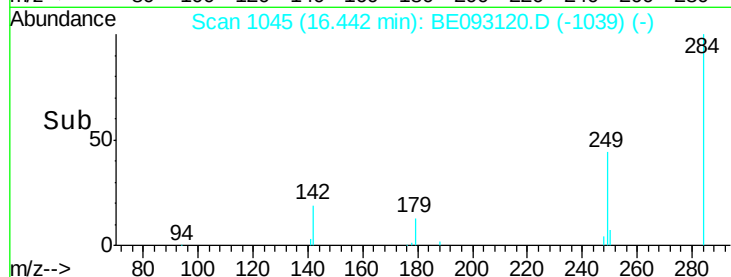
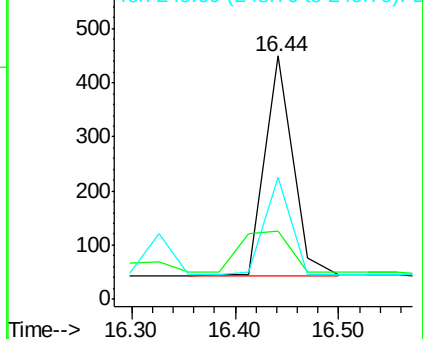
249 41.4 0.0 0.0#



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: 0.774 ng

RT: 16.79 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

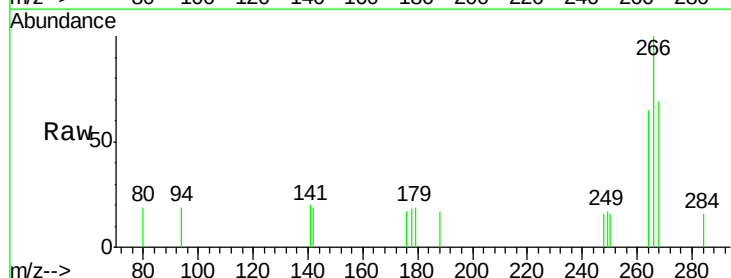
Tgt Ion:266 Resp: 423

Ion Ratio Lower Upper

266 100

264 64.8 58.2 87.2

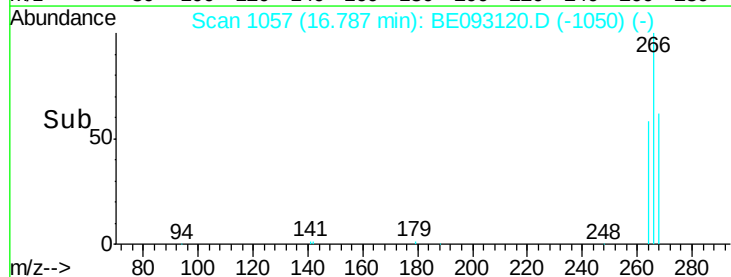
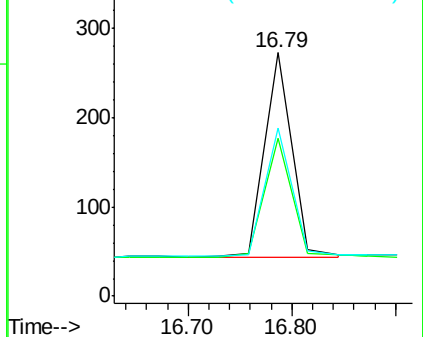
268 68.9 71.9 107.9#

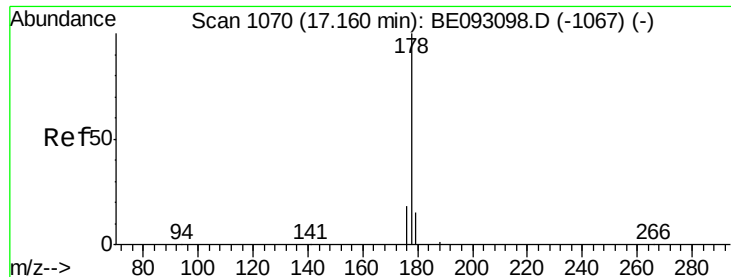


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.412 ng

RT: 17.16 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

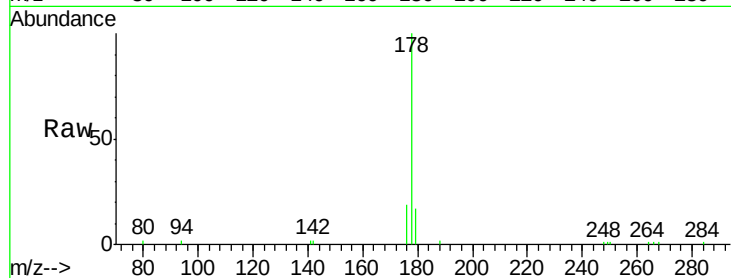
Tgt Ion:178 Resp: 5897

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

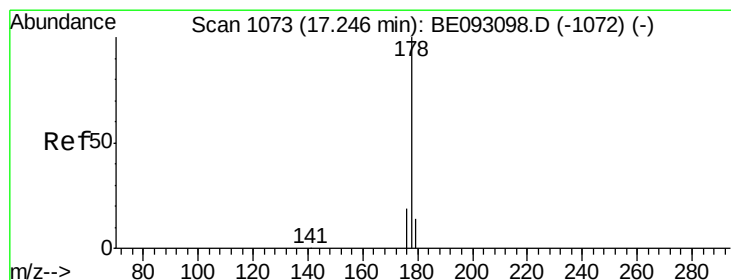
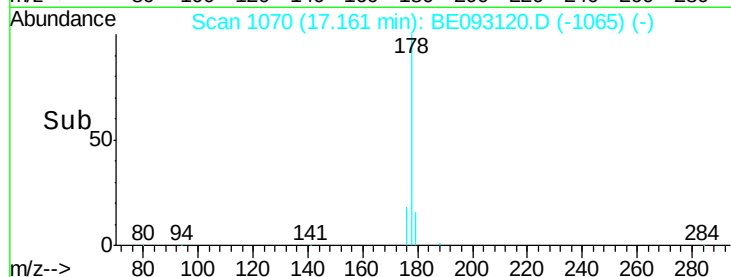
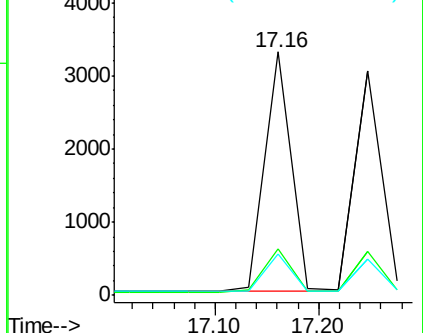
179 15.8 12.7 19.1



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: 0.451 ng

RT: 17.25 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

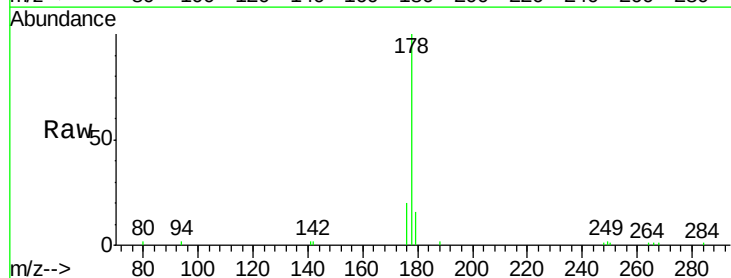
Tgt Ion:178 Resp: 5465

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

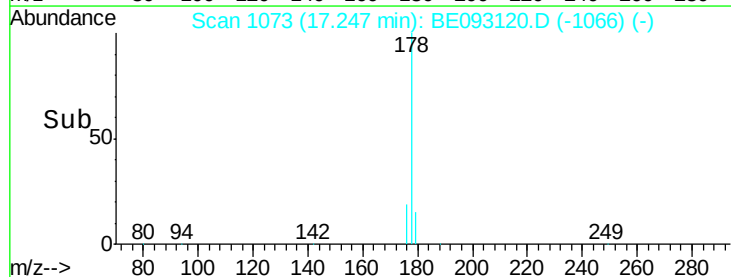
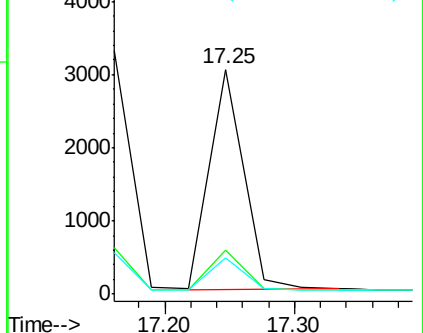
179 14.9 12.0 18.0

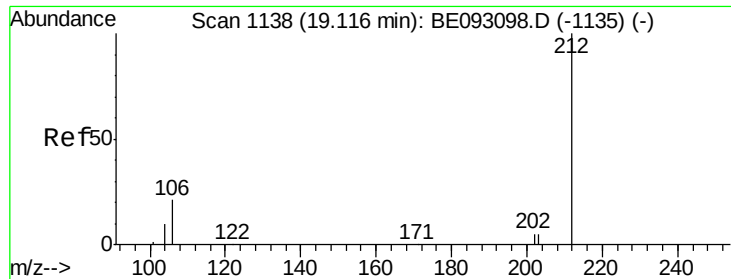


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.463 ng

RT: 19.11 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

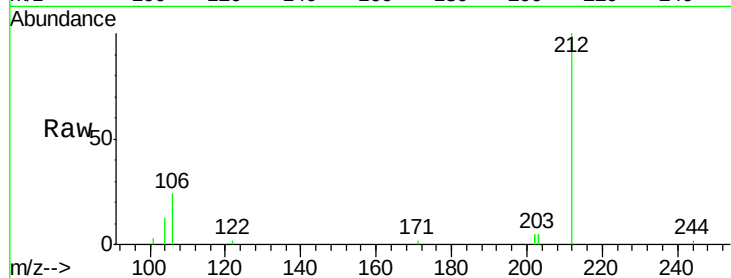
Tgt Ion: 212 Resp: 4823

Ion Ratio Lower Upper

212 100

106 17.5 0.0 0.0#

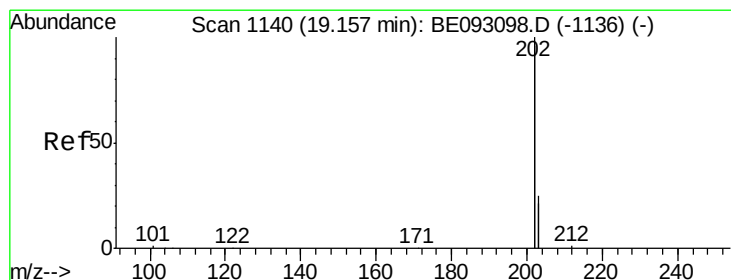
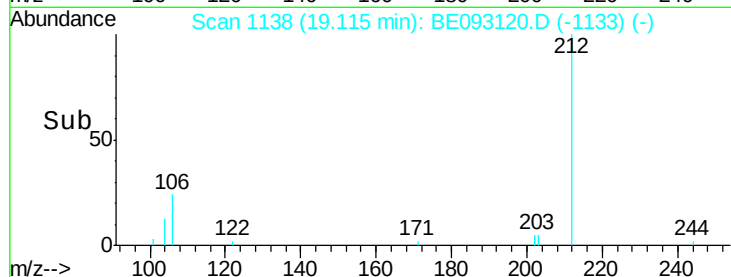
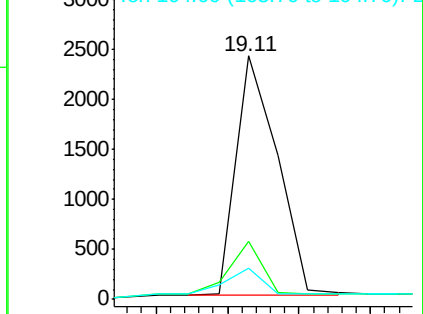
104 9.3 0.0 0.0#



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: 0.443 ng

RT: 19.16 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

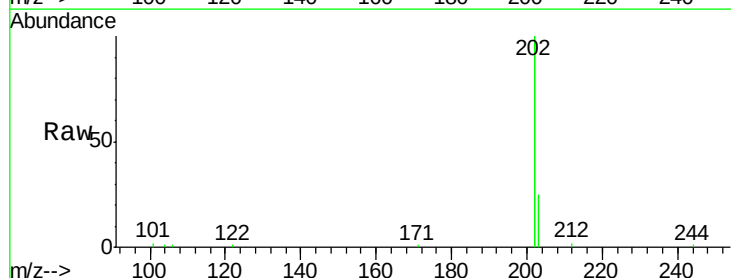
Tgt Ion: 202 Resp: 23009

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

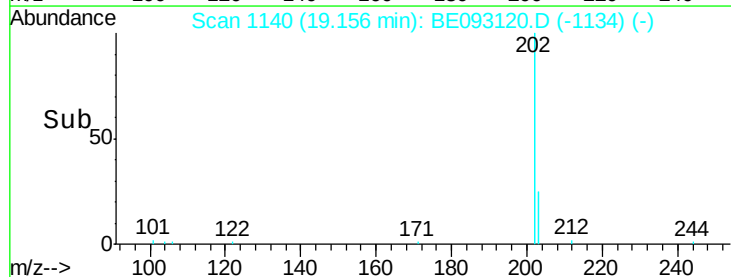
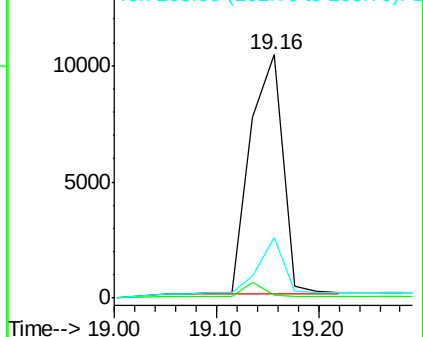
203 18.0 14.4 21.6

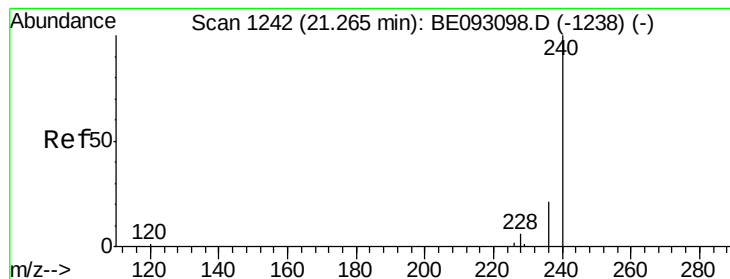


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

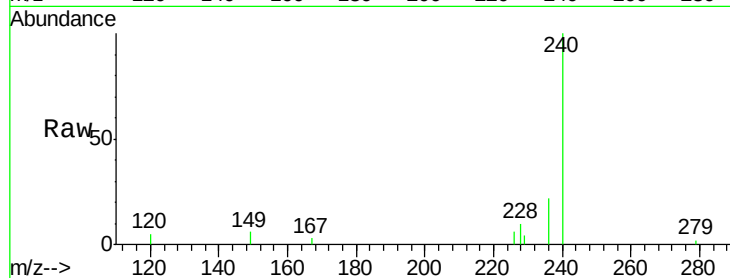
Tgt Ion:240 Resp: 4777

Ion Ratio Lower Upper

240 100

120 4.5 4.6 7.0#

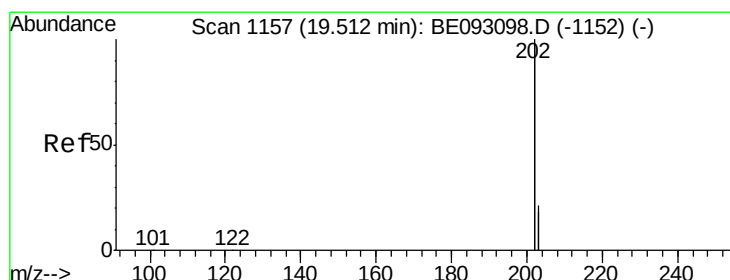
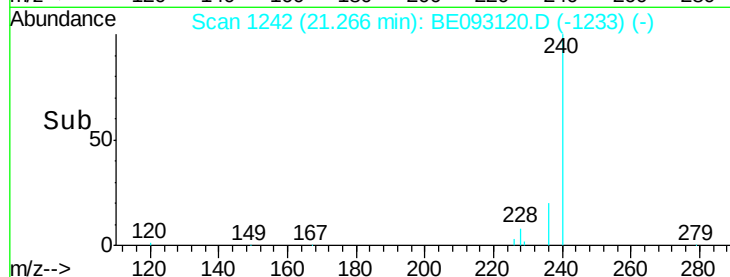
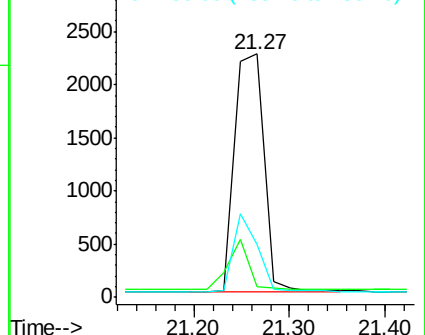
236 21.9 20.8 31.2



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: 0.446 ng

RT: 19.51 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

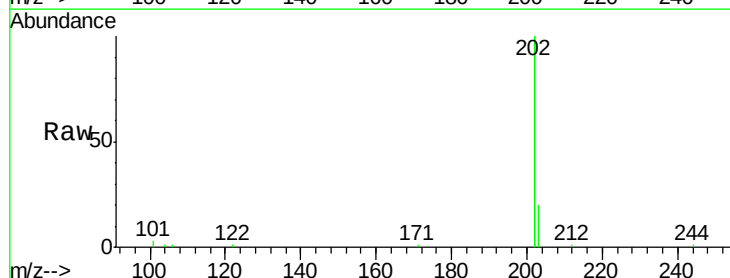
Tgt Ion:202 Resp: 25970

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

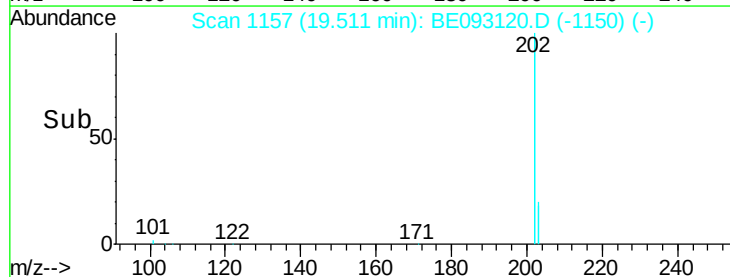
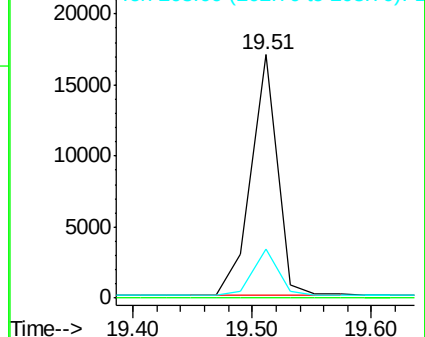
203 18.1 13.7 20.5

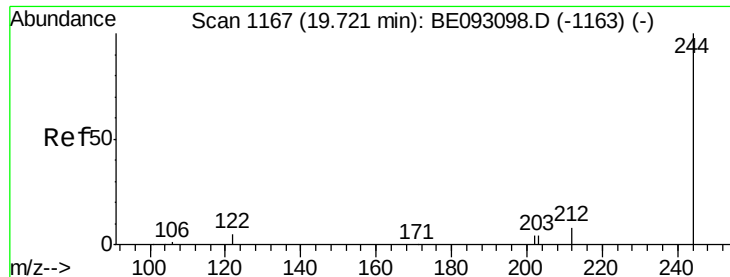


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.418 ng

RT: 19.72 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

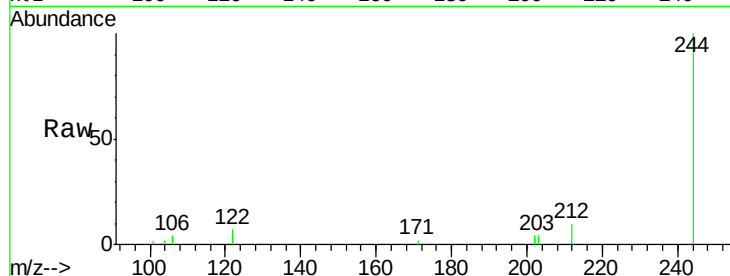
Tgt Ion:244 Resp: 3850

Ion Ratio Lower Upper

244 100

212 10.3 10.6 16.0#

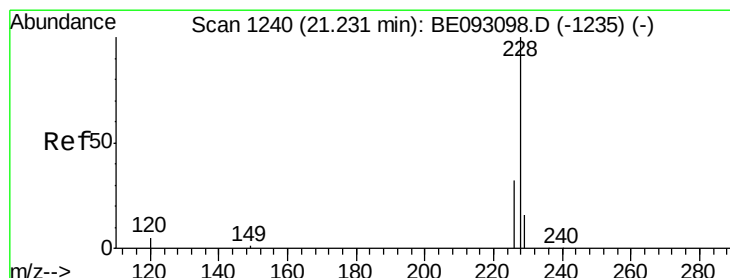
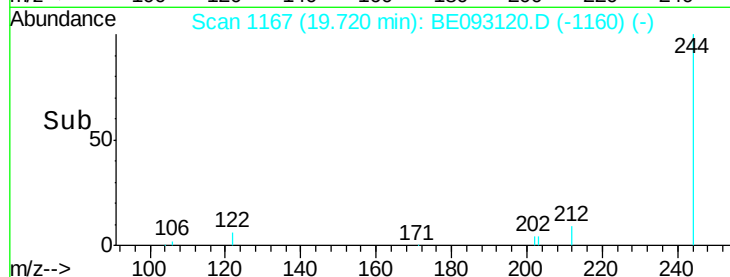
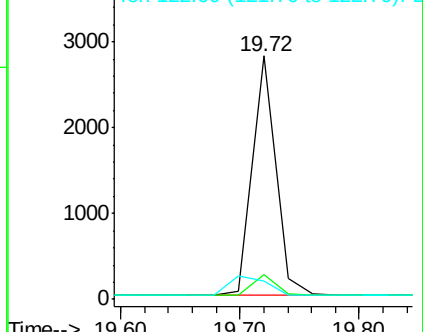
122 7.4 15.4 23.0#



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: 0.453 ng

RT: 21.23 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

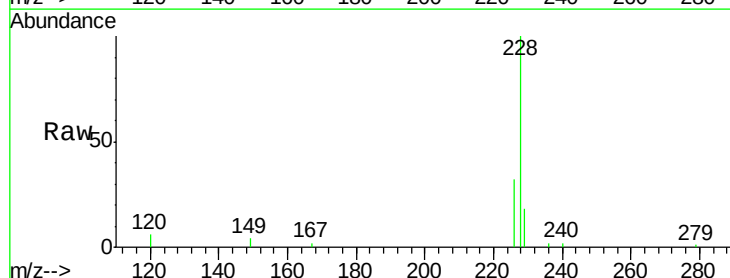
Tgt Ion:228 Resp: 5843

Ion Ratio Lower Upper

228 100

226 32.0 19.7 29.5#

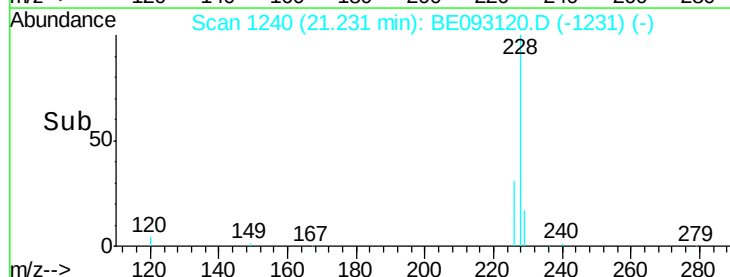
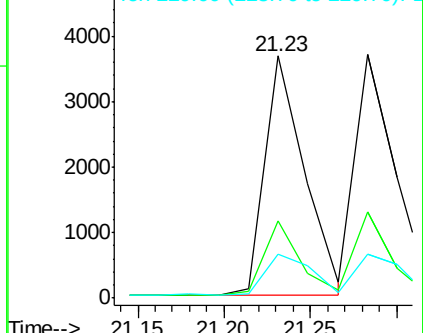
229 18.0 19.2 28.8#

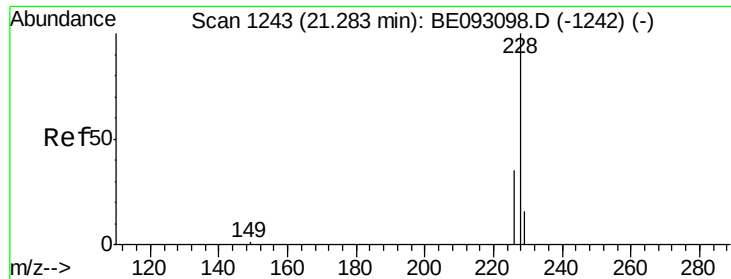


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.424 ng

RT: 21.28 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

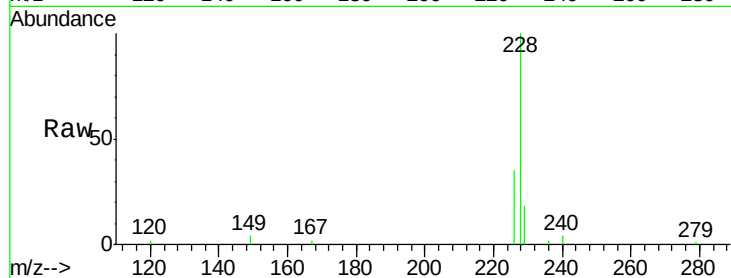
Tgt Ion:228 Resp: 5843

Ion Ratio Lower Upper

228 100

226 35.3 21.5 32.3#

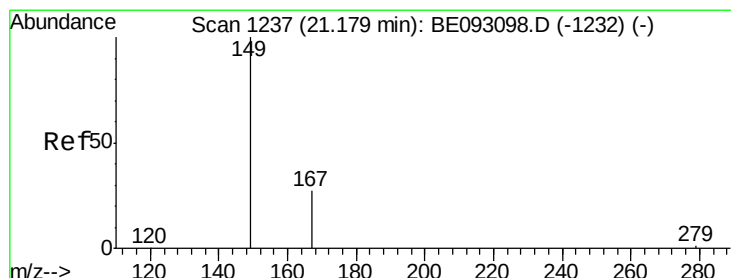
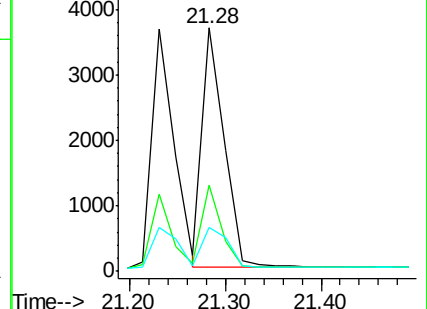
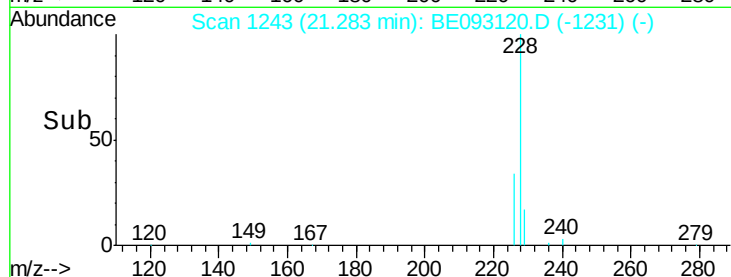
229 17.8 18.6 28.0#



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: 0.718 ng

RT: 21.18 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

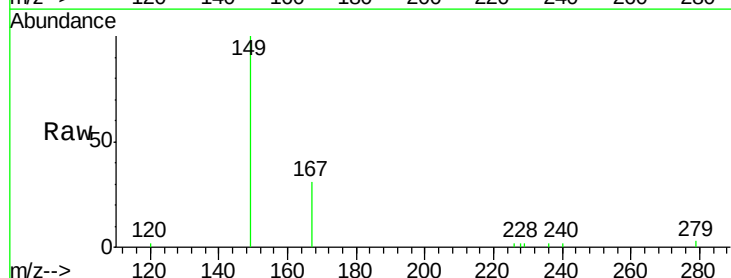
Tgt Ion:149 Resp: 3828

Ion Ratio Lower Upper

149 100

167 27.6 20.1 30.1

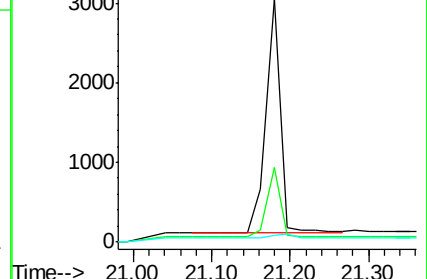
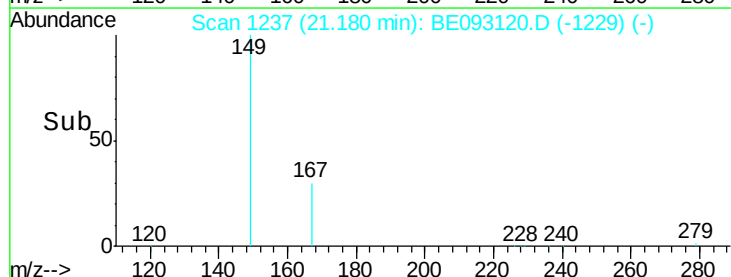
279 2.2 2.2 3.4

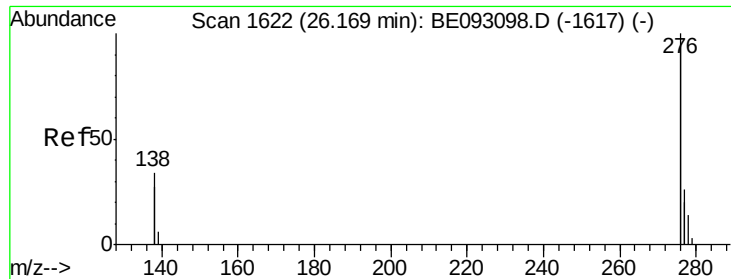


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.426 ng

RT: 26.17 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

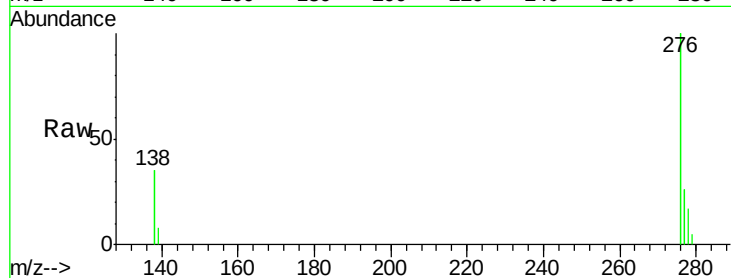
Tgt Ion:276 Resp: 21894

Ion Ratio Lower Upper

276 100

138 34.0 27.4 41.2

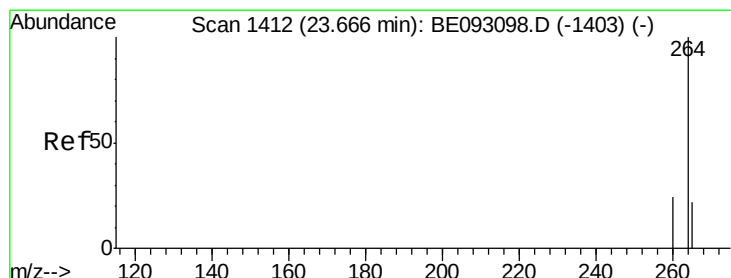
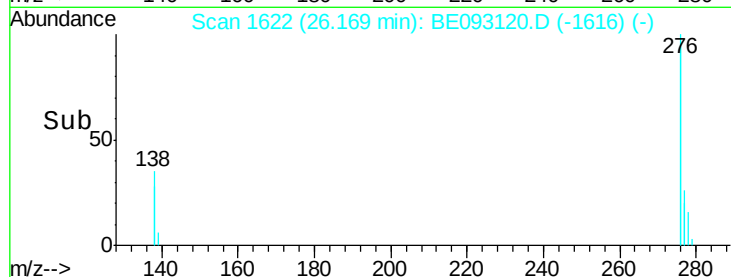
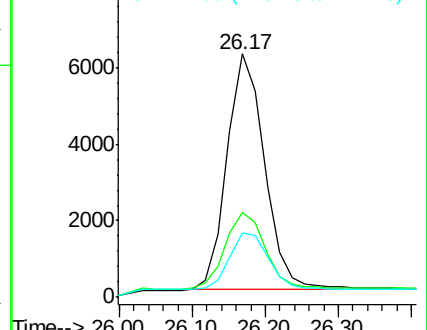
277 25.3 20.1 30.1



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: BE093120.D

Acq: 13 Jun 2017 2:29

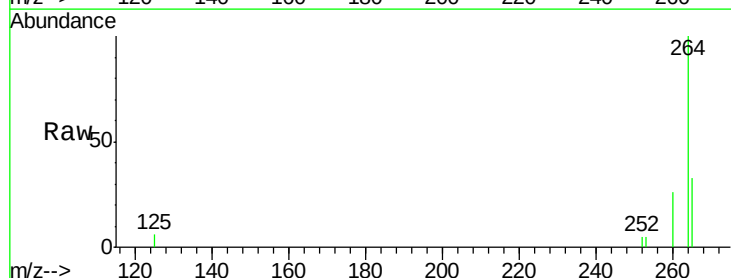
Tgt Ion:264 Resp: 4063

Ion Ratio Lower Upper

264 100

260 25.6 21.0 31.4

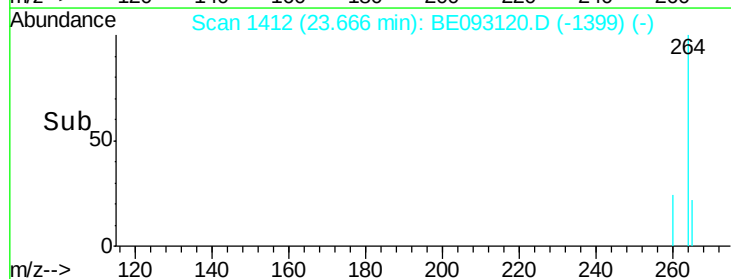
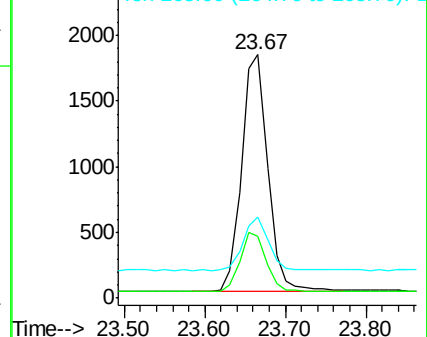
265 33.1 24.6 36.8

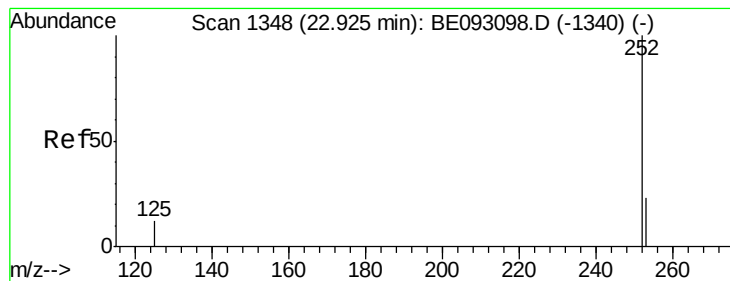


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.452 ng

RT: 22.93 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

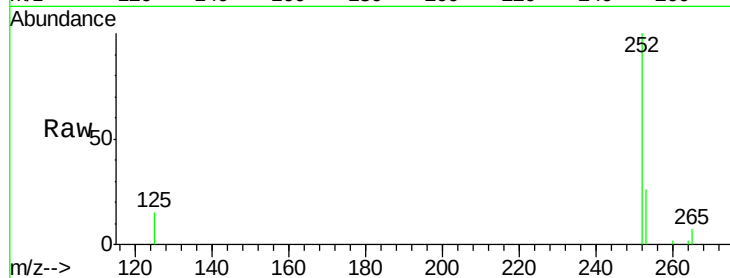
Tgt Ion:252 Resp: 5897

Ion Ratio Lower Upper

252 100

253 25.6 18.5 27.7

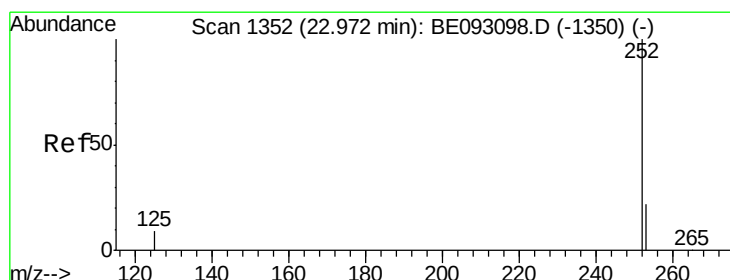
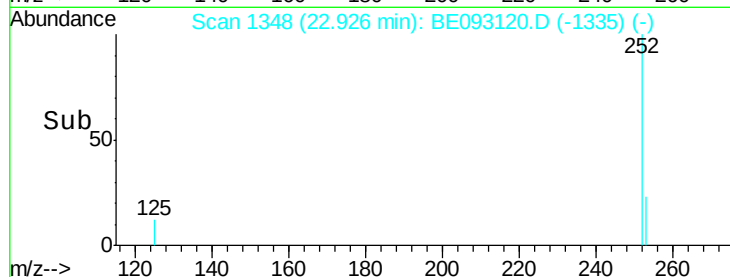
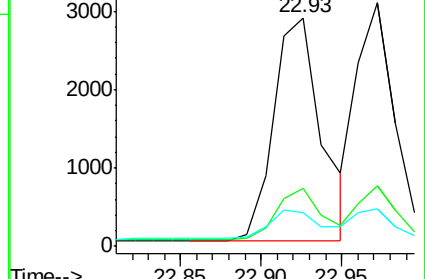
125 15.0 13.4 20.0



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: 0.404 ng

RT: 22.97 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

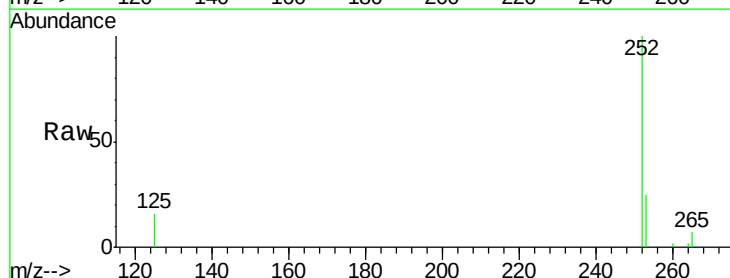
Tgt Ion:252 Resp: 5084

Ion Ratio Lower Upper

252 100

253 25.0 20.3 30.5

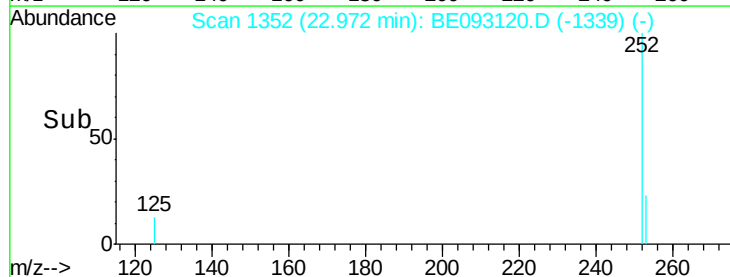
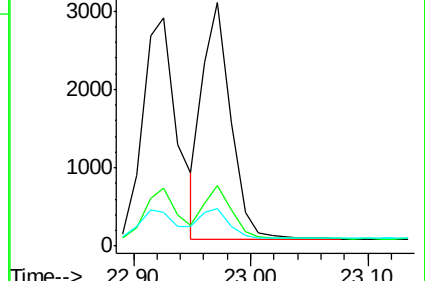
125 15.5 12.2 18.4

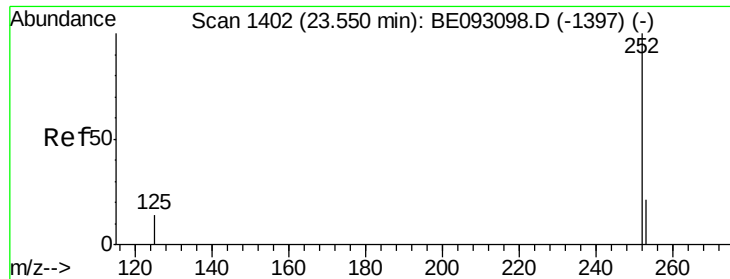


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.446 ng

RT: 23.55 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

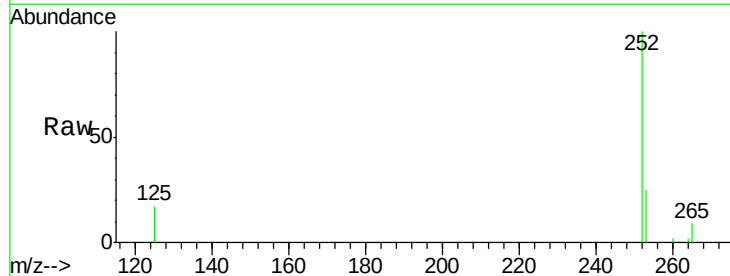
Tgt Ion:252 Resp: 5029

Ion Ratio Lower Upper

252 100

253 25.4 19.9 29.9

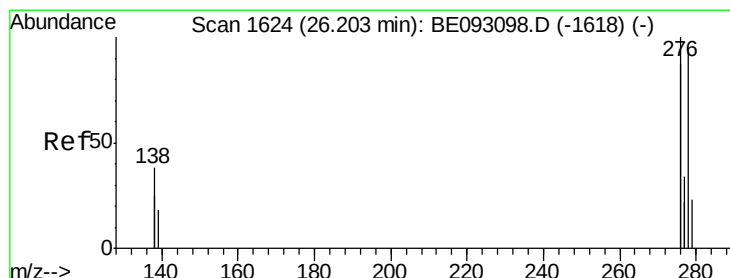
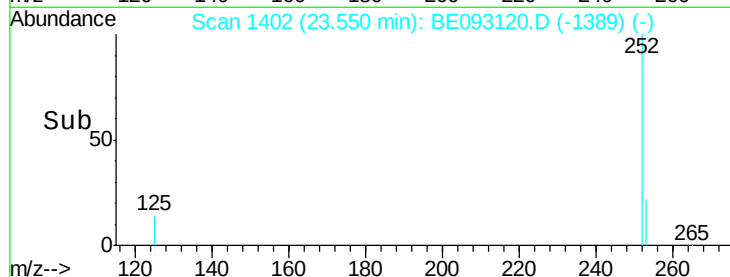
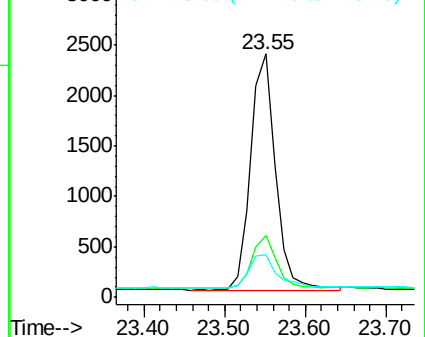
125 17.5 14.6 21.8



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: 0.410 ng

RT: 26.20 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE093120.D

Acq: 13 Jun 2017 2:29

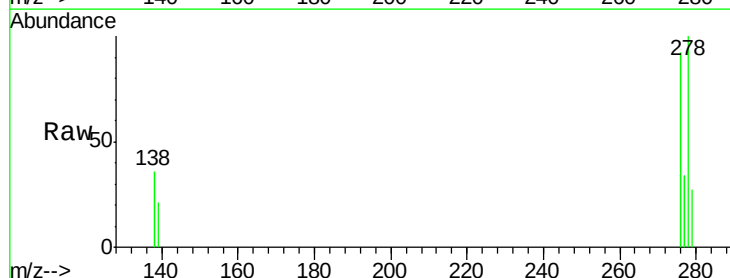
Tgt Ion:278 Resp: 4822

Ion Ratio Lower Upper

278 100

139 21.4 21.4 32.0

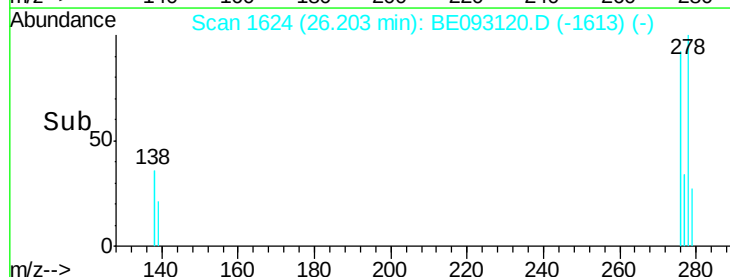
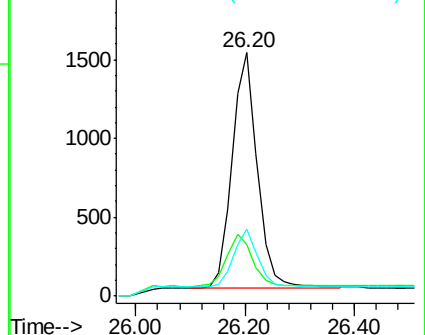
279 27.3 22.2 33.2

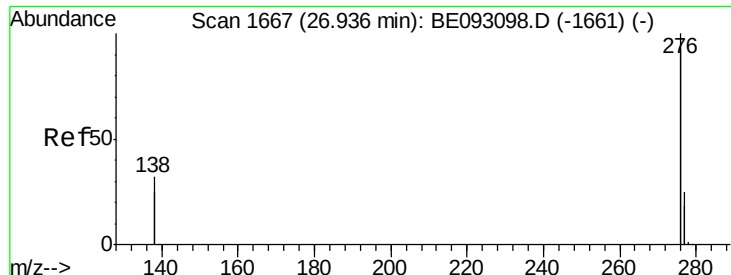


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.418 ng

RT: 26.94 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BE093120.D

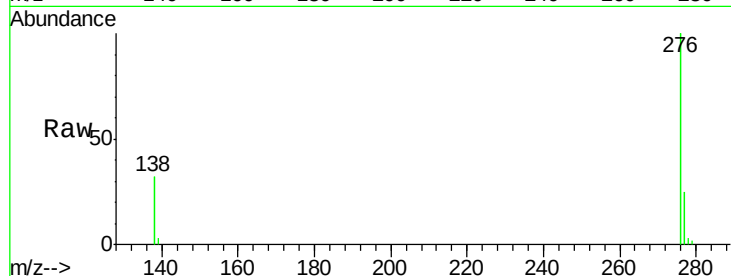
Acq: 13 Jun 2017 2:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 19875

Ion Ratio Lower Upper

276 100

277 25.3 21.2 31.8

138 31.9 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

