

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
 Data File : BE093099.D
 Acq On : 12 Jun 2017 11:37
 Operator : SJ/MA
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Jun 12 12:12:44 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 12:06:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	632	0.40	ng	-0.02
7) Naphthalene-d8	10.51	136	2880	0.40	ng	-0.02
13) Acenaphthene-d10	14.37	164	1471	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	2791	0.40	ng	0.00
27) Chrysene-d12	21.27	240	4620	0.40	ng	0.00
34) Perylene-d12	23.67	264	3815	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	1520	0.78	ng	0.00
5) Phenol-d6	6.90	99	2821	1.08	ng	0.00
8) Nitrobenzene-d5	8.88	82	1881	0.75	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	4925	1.17	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	276	0.63	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	5186	0.86	ng	0.00
25) Fluoranthene-d10	19.11	212	7879	1.07	ng	0.00
29) Terphenyl-d14	19.72	244	7208	0.84	ng	0.00

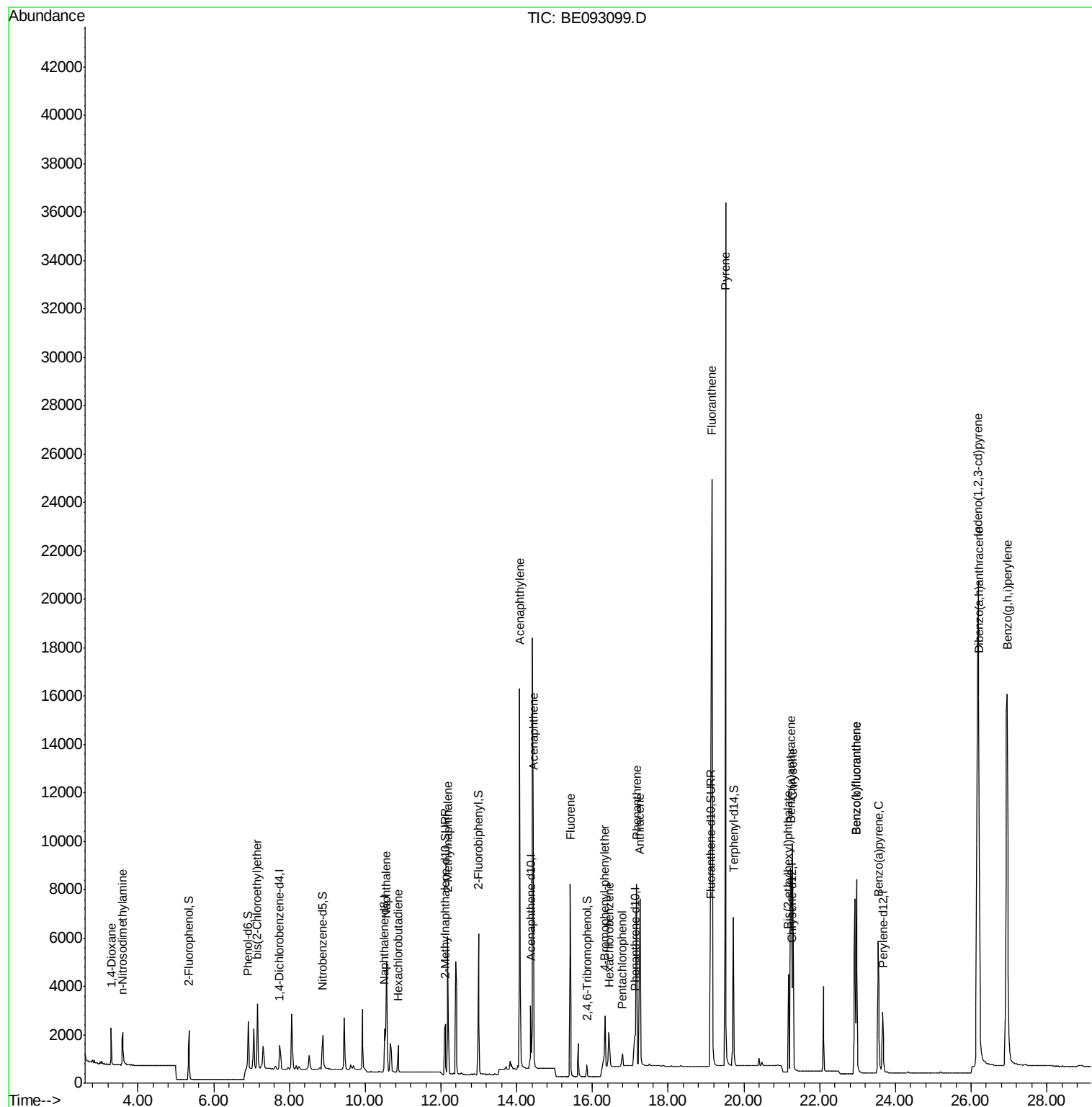
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1105	0.864	ng	98
3) n-Nitrosodimethylamine	3.58	42	998	0.872	ng	99
6) bis(2-Chloroethyl)ether	7.15	93	1992	0.935	ng	# 100
9) Naphthalene	10.56	128	6329	0.834	ng	97
10) Hexachlorobutadiene	10.87	225	859	0.862	ng	99
12) 2-Methylnaphthalene	12.18	142	3954	0.841	ng	100
16) Acenaphthylene	14.08	152	20886	0.810	ng	100
17) Acenaphthene	14.44	154	3924	0.845	ng	95
18) Fluorene	15.41	166	4791	0.843	ng	100
20) 4-Bromophenyl-phenylether	16.33	248	1435	1.655	ng	# 83
21) Hexachlorobenzene	16.44	284	1402	1.231	ng	# 100
22) Pentachlorophenol	16.79	266	413	1.183	ng	86
23) Phenanthrene	17.16	178	10124	1.674	ng	99
24) Anthracene	17.25	178	9361	1.645	ng	99
26) Fluoranthene	19.16	202	39450	1.149	ng	# 98
28) Pyrene	19.51	202	44381	0.797	ng	# 97
30) Benzo(a)anthracene	21.23	228	9850	0.784	ng	# 85
31) Chrysene	21.28	228	10769	0.802	ng	# 83
32) Bis(2-ethylhexyl)phthalate	21.18	149	3845	0.531	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.18	276	41145	0.837	ng	99
35) Benzo(b)fluoranthene	22.97	252	9549	0.792	ng	97
36) Benzo(k)fluoranthene	22.97	252	9852	0.815	ng	95
37) Benzo(a)pyrene	23.55	252	8770	0.795	ng	95
38) Dibenzo(a,h)anthracene	26.20	278	9342	0.911	ng	# 91
39) Benzo(g,h,i)perylene	26.95	276	37417	0.837	ng	95

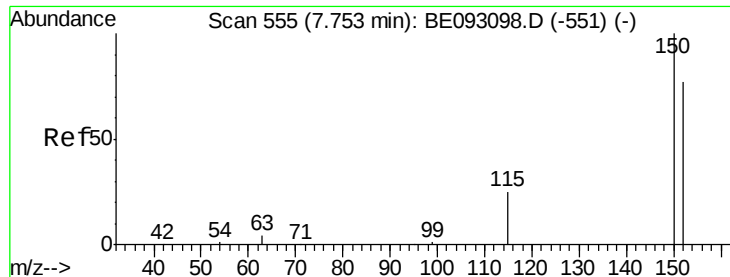
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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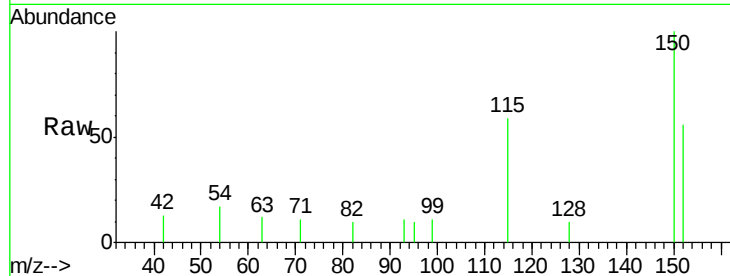


#1

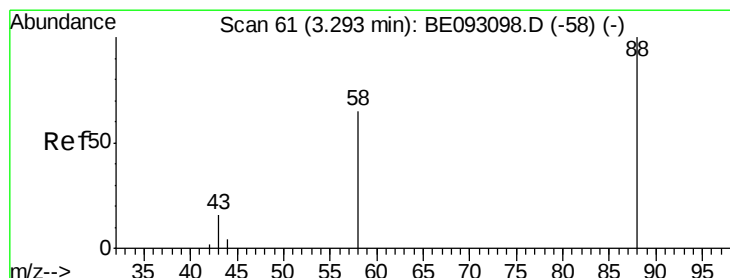
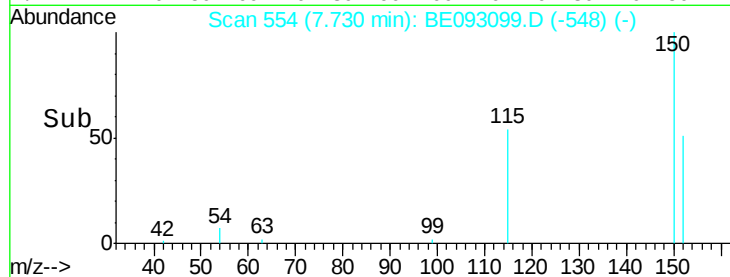
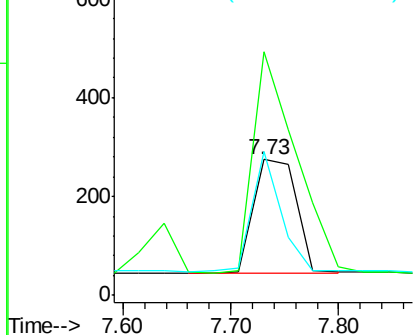
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 554
Delta R.T. -0.02 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tgt Ion: 152 Resp: 632
Ion Ratio Lower Upper
152 100
150 179.3 125.1 187.7
115 106.2 55.7 83.5#



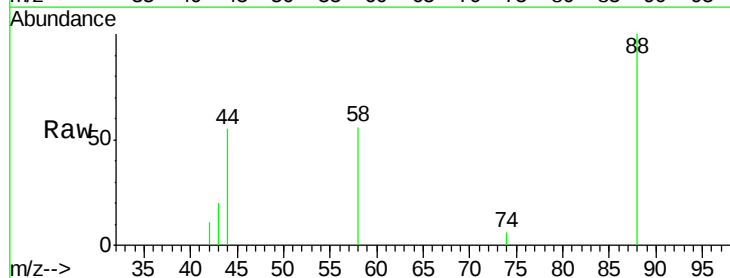
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



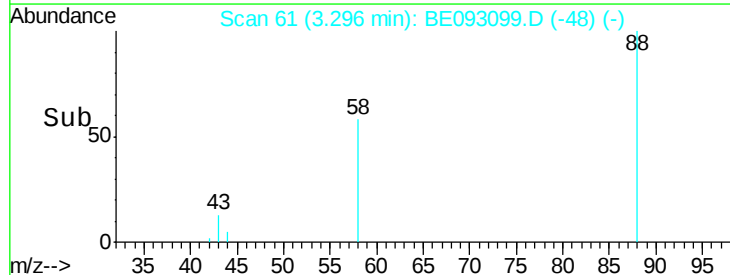
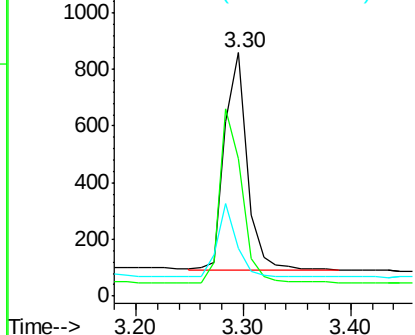
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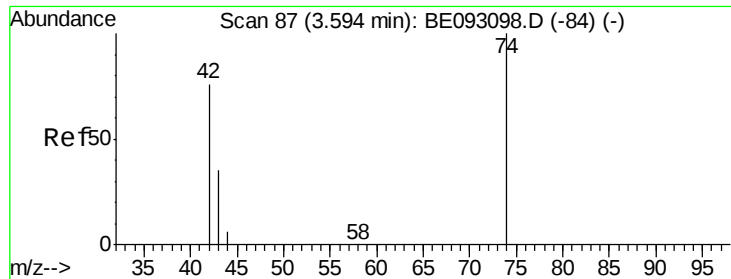
1,4-Dioxane
Concen: 0.864 ng
RT: 3.30 min Scan# 61
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Tgt Ion: 88 Resp: 1105
Ion Ratio Lower Upper
88 100
58 79.1 62.2 93.4
43 29.9 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



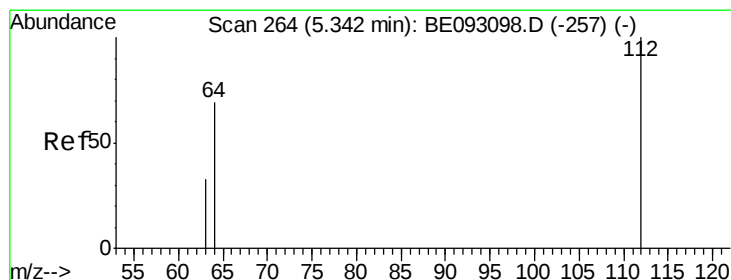
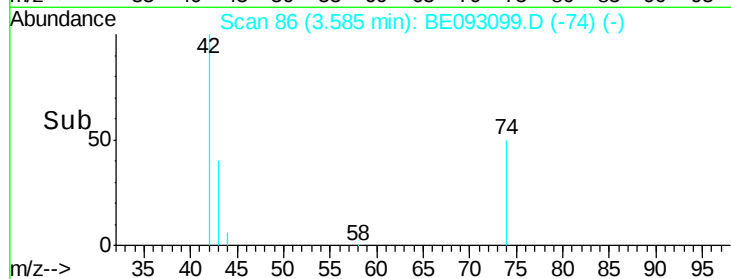
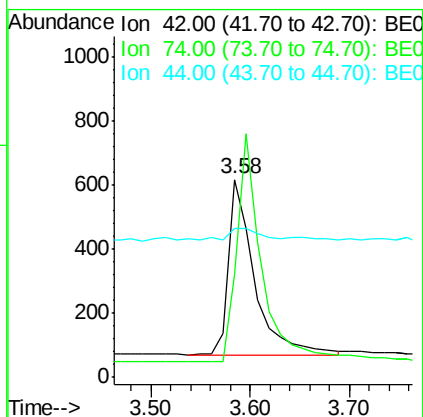
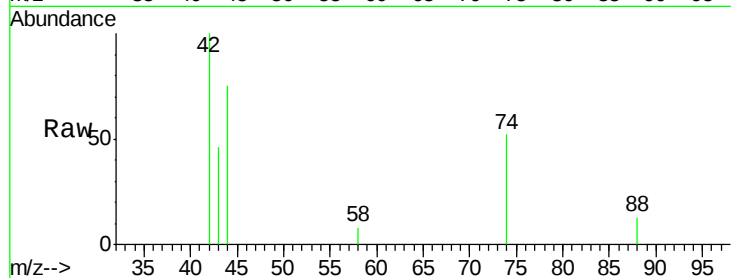


#3

n-Nitrosodimethylamine
 Concen: 0.872 ng
 RT: 3.58 min Scan# 86
 Delta R.T. -0.01 min
 Lab File: BE093099.D
 Acq: 12 Jun 2017 11:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDIC0.8

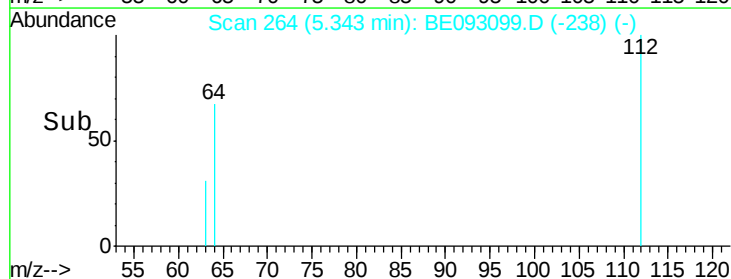
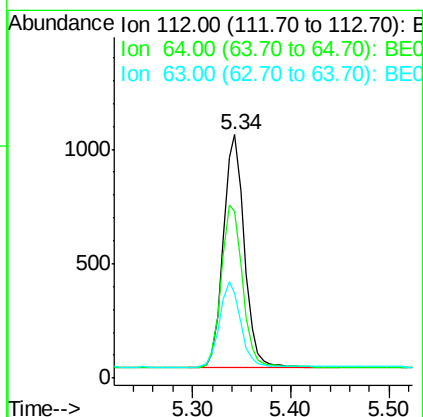
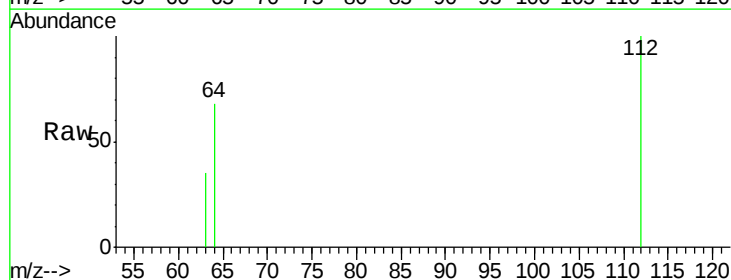
Tgt Ion: 42 Resp: 998
 Ion Ratio Lower Upper
 42 100
 74 123.0 99.1 148.7
 44 8.3 7.4 11.2

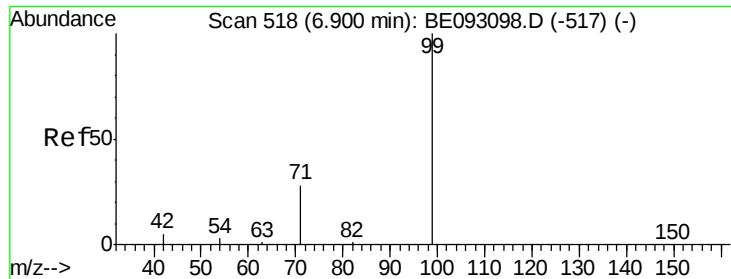


#4

2-Fluorophenol
 Concen: 0.785 ng
 RT: 5.34 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: BE093099.D
 Acq: 12 Jun 2017 11:37

Tgt Ion: 112 Resp: 1520
 Ion Ratio Lower Upper
 112 100
 64 70.5 56.4 84.6
 63 35.9 29.3 43.9





#5

Phenol-d6

Concen: 1.078 ng

RT: 6.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

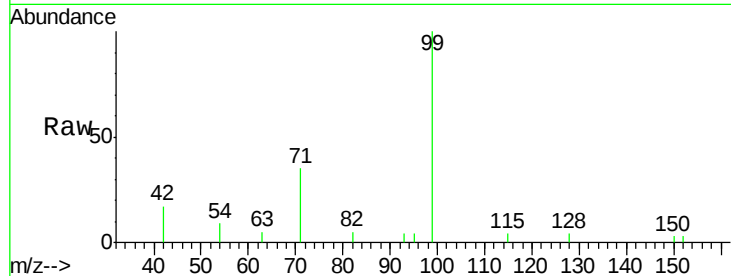
Tgt Ion: 99 Resp: 2821

Ion Ratio Lower Upper

99 100

42 41.1 0.0 0.0#

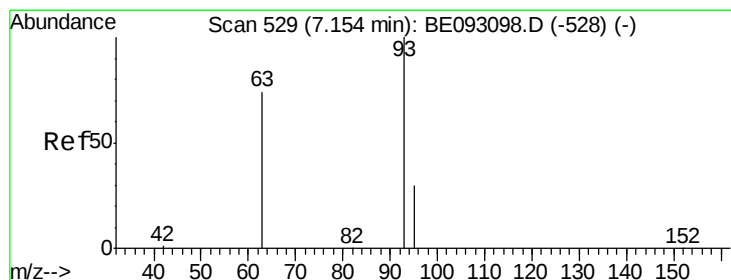
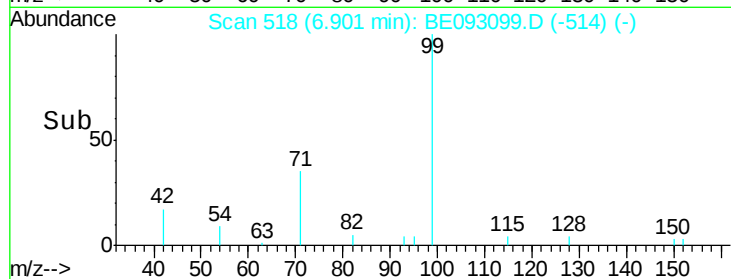
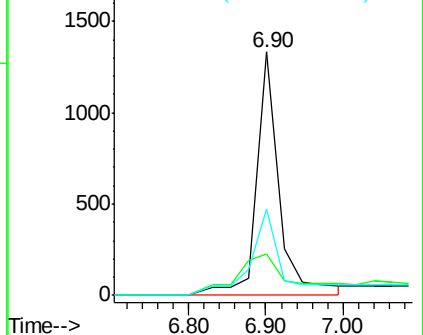
71 47.2 0.0 0.0#



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: 0.935 ng

RT: 7.15 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

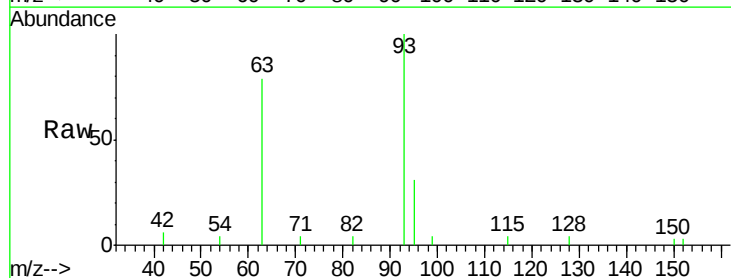
Tgt Ion: 93 Resp: 1992

Ion Ratio Lower Upper

93 100

63 85.3 0.0 0.0#

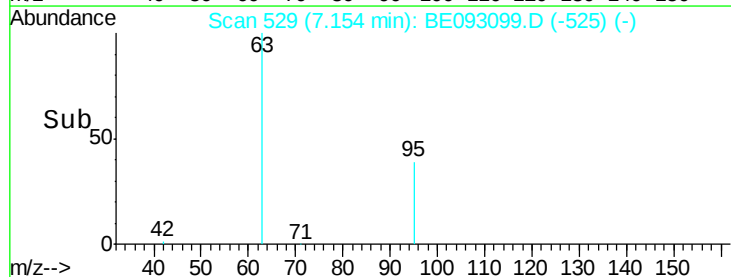
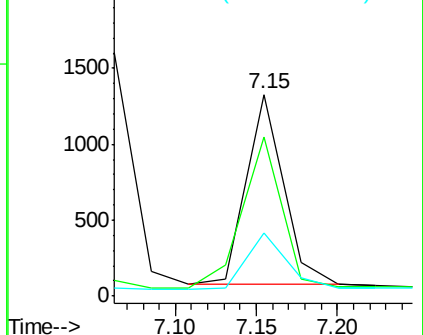
95 31.4 25.4 38.0

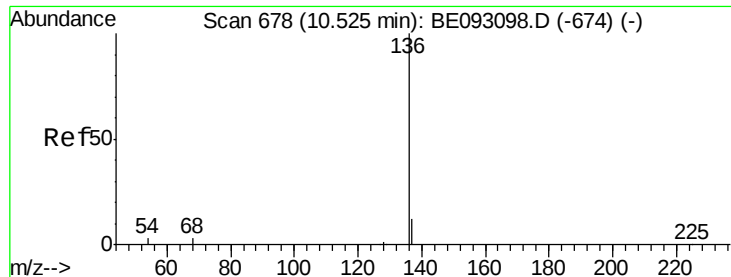


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.51 min Scan# 677

Delta R.T. -0.02 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tgt Ion:136 Resp: 2880

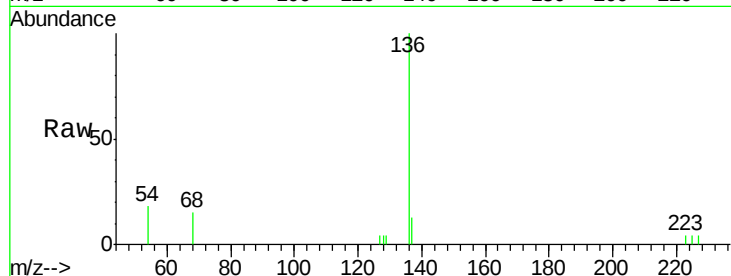
Ion Ratio Lower Upper

136 100

137 12.6 9.8 14.8

54 17.5 10.3 15.5#

68 14.9 9.0 13.4#

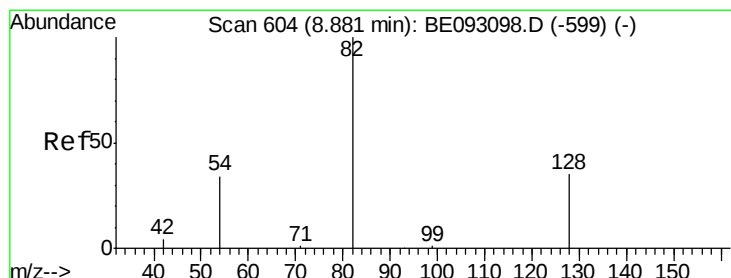
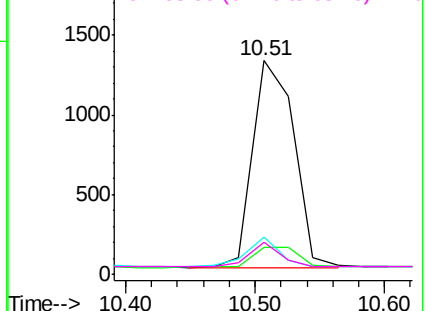
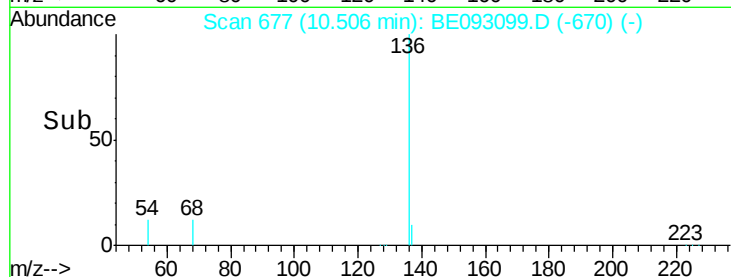


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.747 ng

RT: 8.88 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

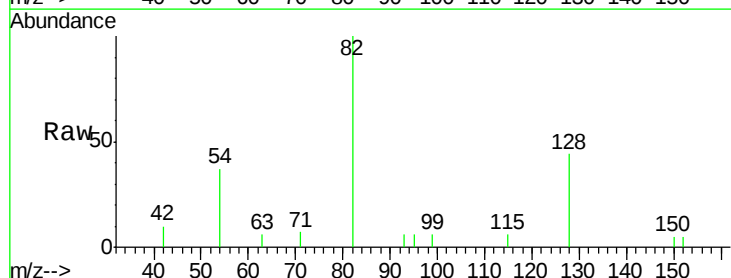
Tgt Ion: 82 Resp: 1881

Ion Ratio Lower Upper

82 100

128 44.5 17.0 25.4#

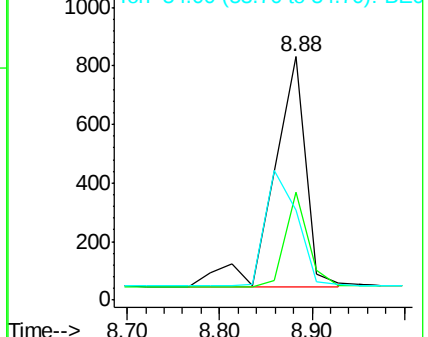
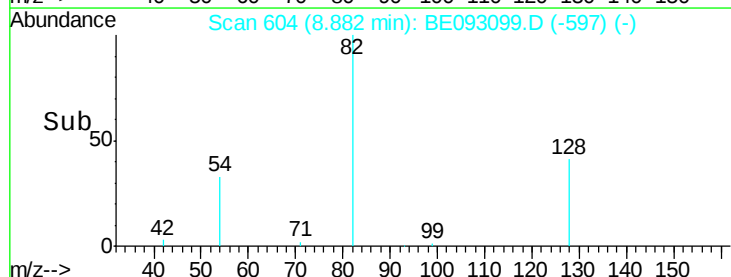
54 36.9 53.8 80.6#

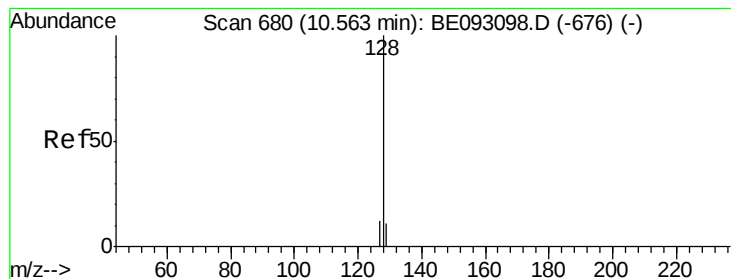


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.834 ng

RT: 10.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

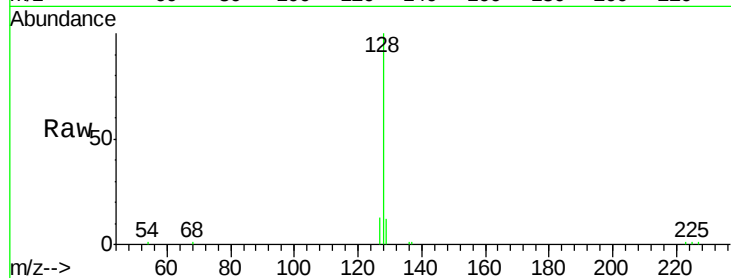
Tgt Ion:128 Resp: 6329

Ion Ratio Lower Upper

128 100

129 12.2 11.4 17.0

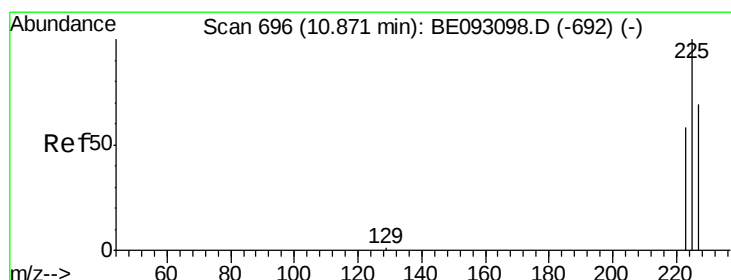
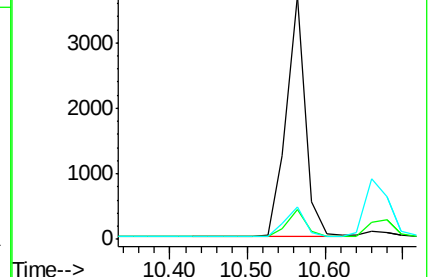
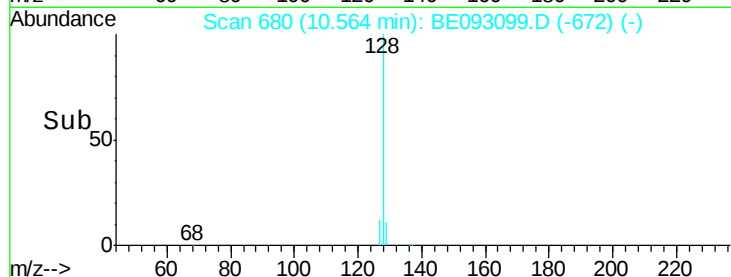
127 13.3 11.2 16.8



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: 0.862 ng

RT: 10.87 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

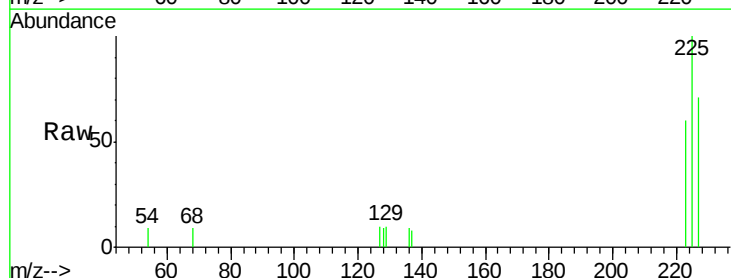
Tgt Ion:225 Resp: 859

Ion Ratio Lower Upper

225 100

223 62.5 49.7 74.5

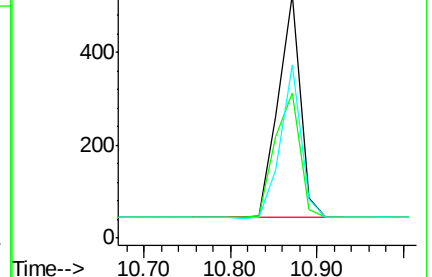
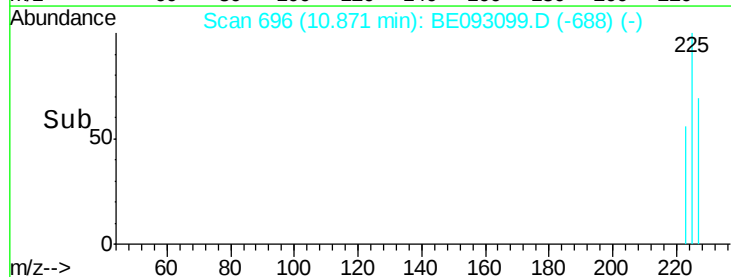
227 64.3 50.3 75.5

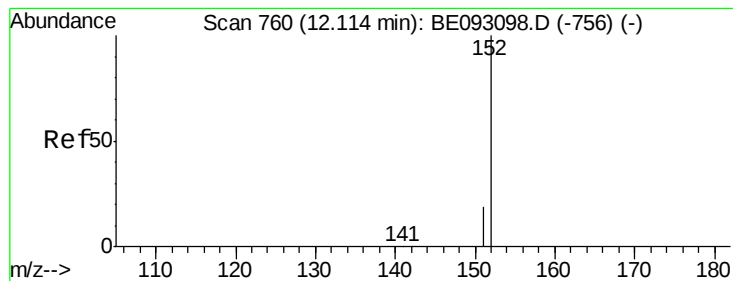


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.167 ng

RT: 12.11 min Scan# 760

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

Instrument :

BNA_E

ClientSampleId :

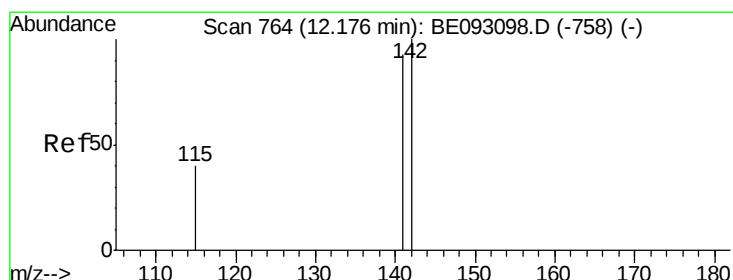
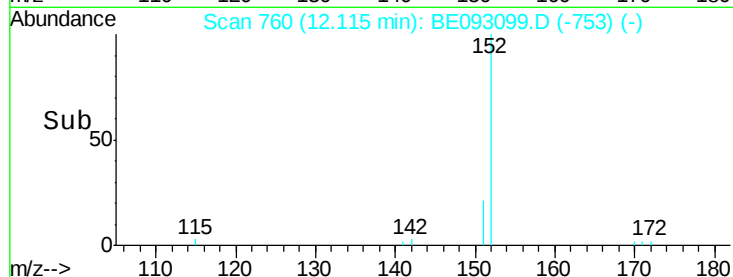
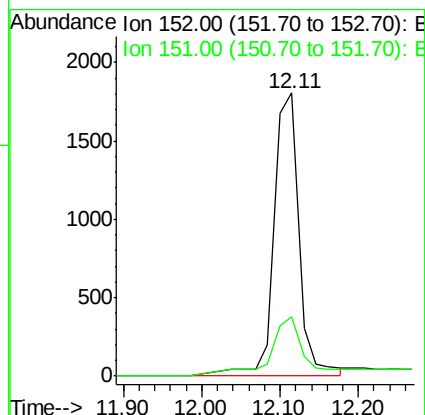
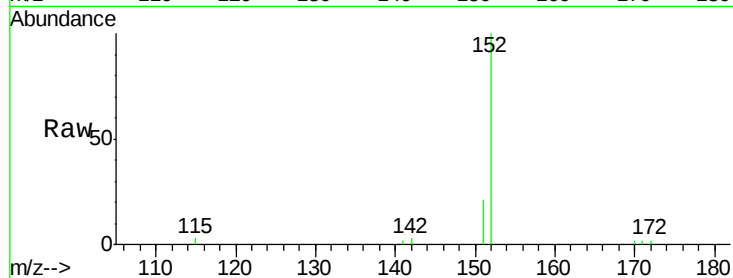
SSTDIC0.8

Tgt Ion:152 Resp: 4925

Ion Ratio Lower Upper

152 100

151 27.4 15.1 22.7#



#12

2-Methylnaphthalene

Concen: 0.841 ng

RT: 12.18 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

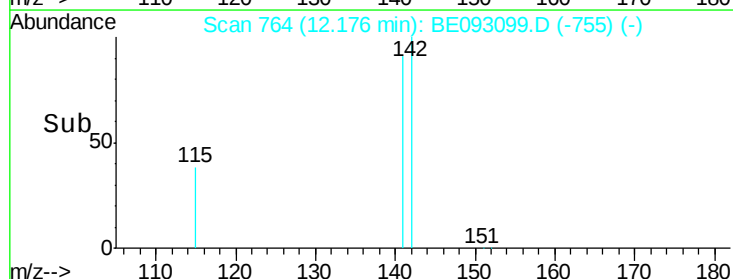
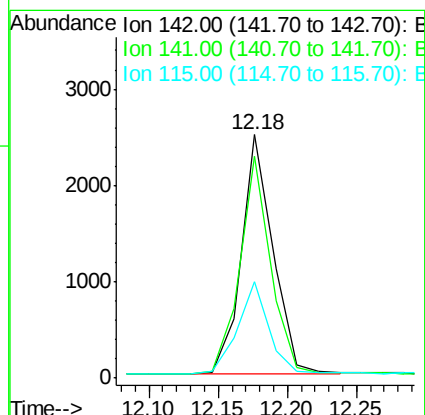
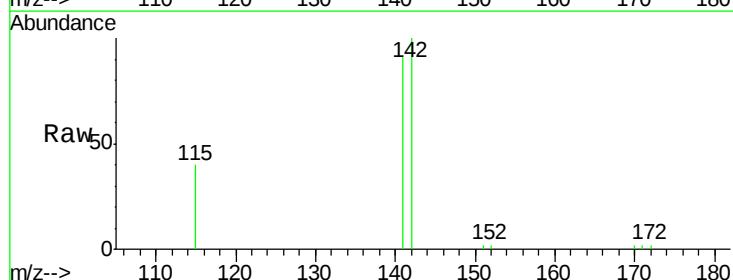
Tgt Ion:142 Resp: 3954

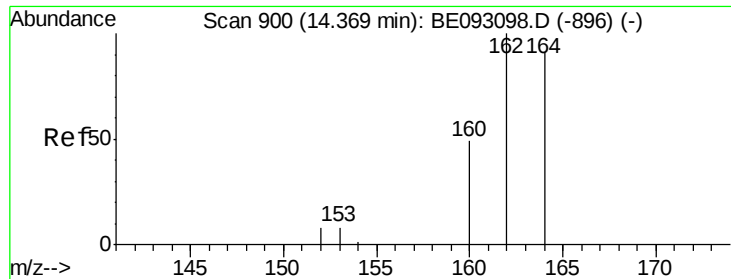
Ion Ratio Lower Upper

142 100

141 90.9 72.6 108.8

115 39.6 32.2 48.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 900

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

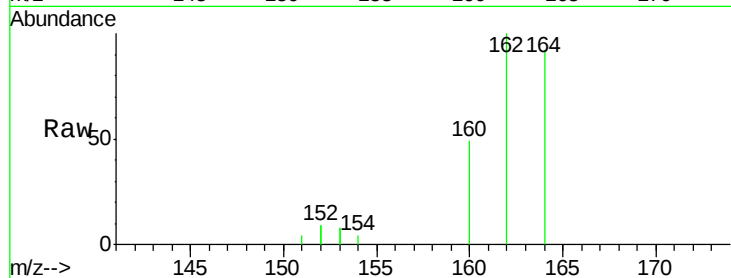
Tgt Ion:164 Resp: 1471

Ion Ratio Lower Upper

164 100

162 108.1 84.6 127.0

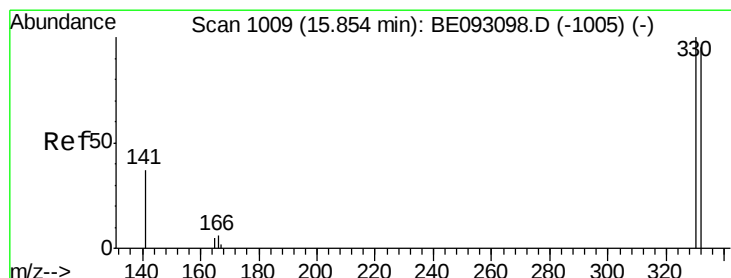
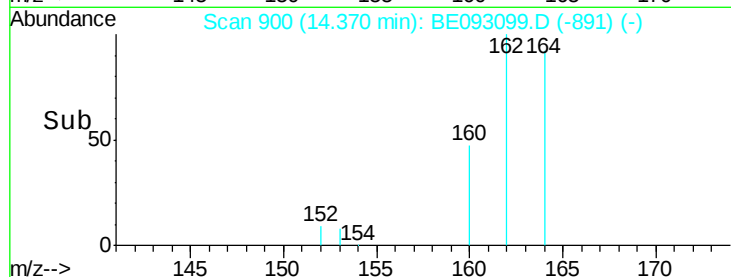
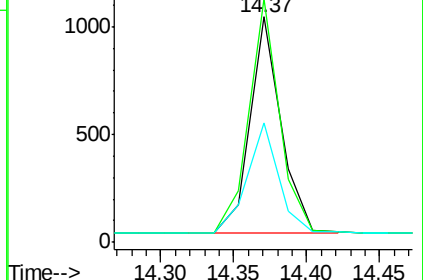
160 53.2 41.8 62.6



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: 0.634 ng

RT: 15.85 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

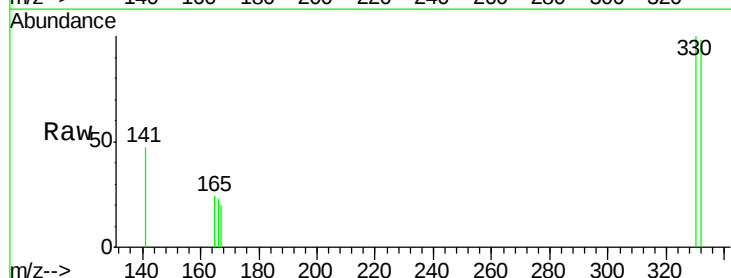
Tgt Ion:330 Resp: 276

Ion Ratio Lower Upper

330 100

332 98.6 77.7 116.5

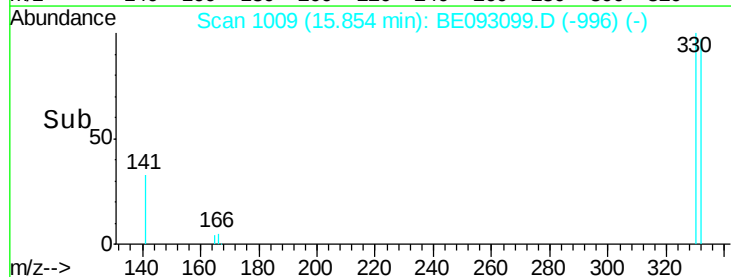
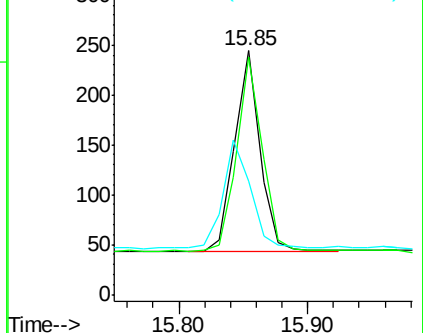
141 59.4 56.2 84.4

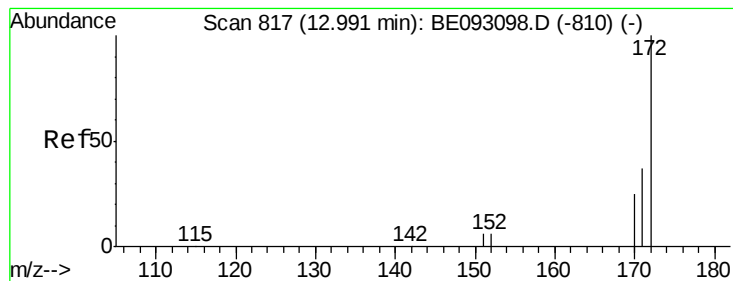


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

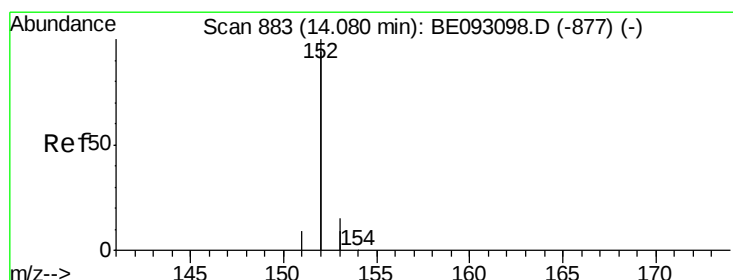
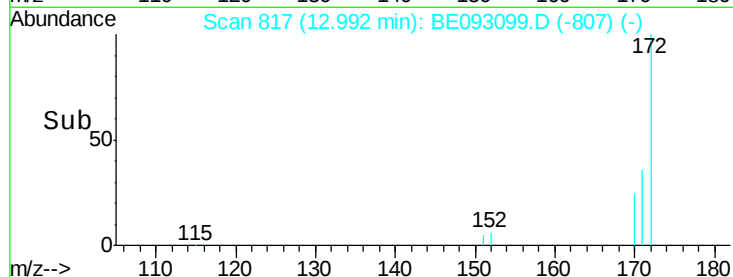
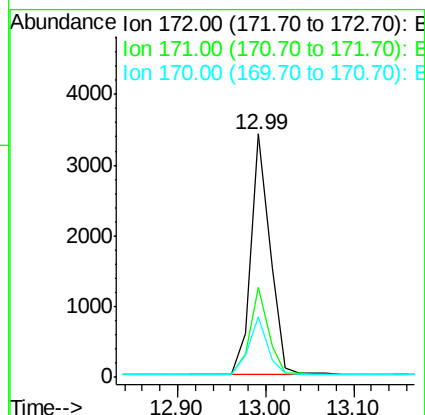
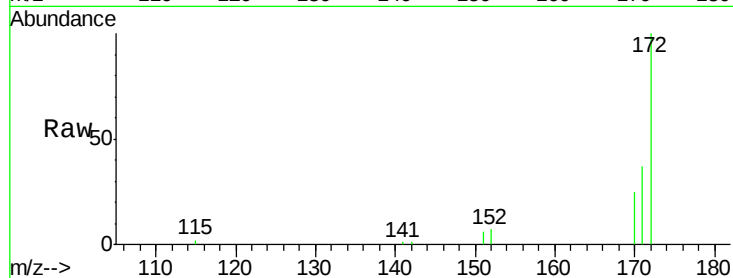




#15
2-Fluorobiphenyl
Concen: 0.857 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

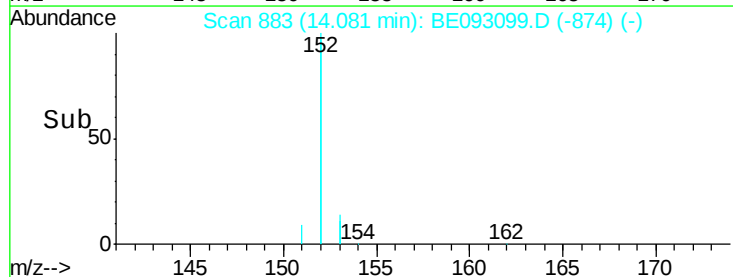
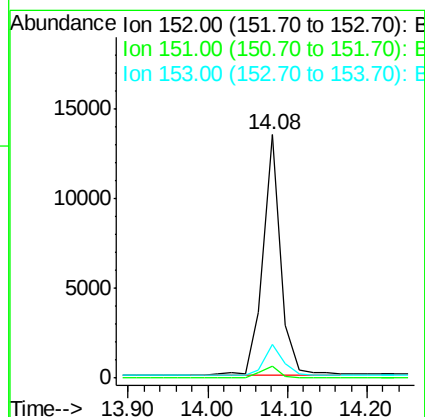
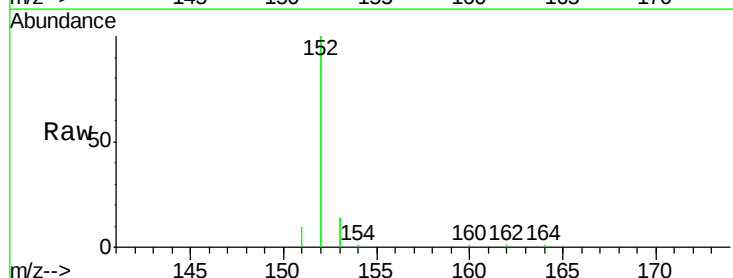
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

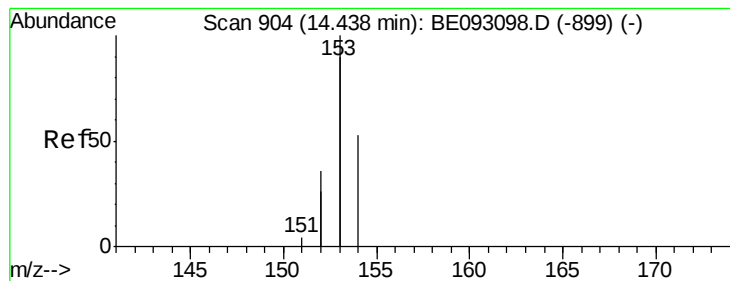
Tgt Ion:172 Resp: 5186
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 25.0 20.7 31.1



#16
Acenaphthylene
Concen: 0.810 ng
RT: 14.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Tgt Ion:152 Resp: 20886
Ion Ratio Lower Upper
152 100
151 4.9 4.0 6.0
153 13.0 10.3 15.5





#17

Acenaphthene

Concen: 0.845 ng

RT: 14.44 min Scan# 904

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

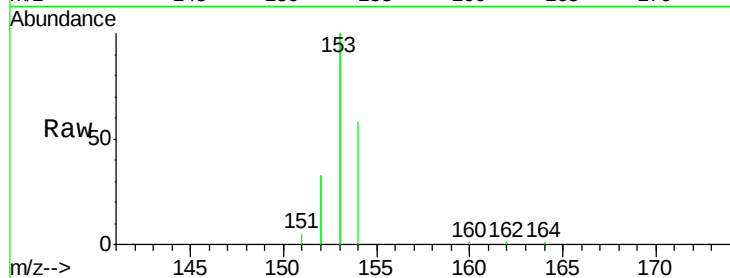
Tgt Ion:154 Resp: 3924

Ion Ratio Lower Upper

154 100

153 446.8 367.8 551.6

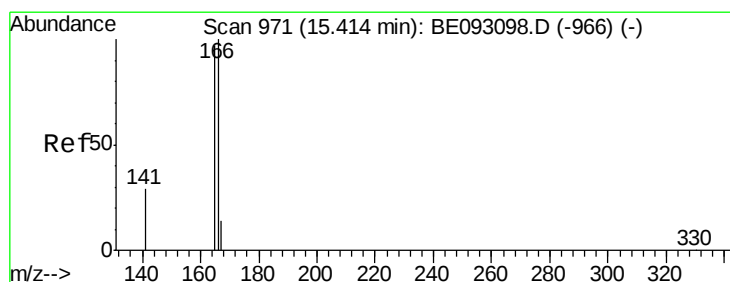
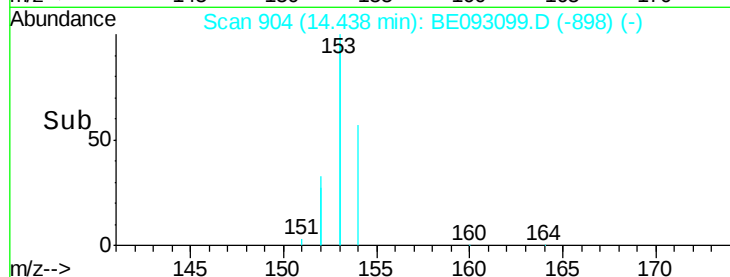
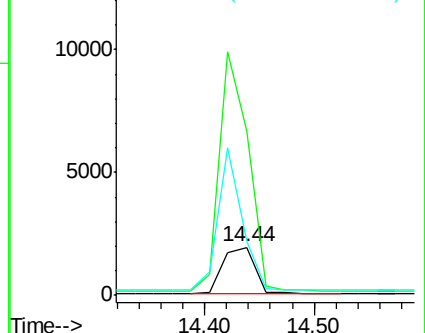
152 228.4 188.2 282.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.843 ng

RT: 15.41 min Scan# 971

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

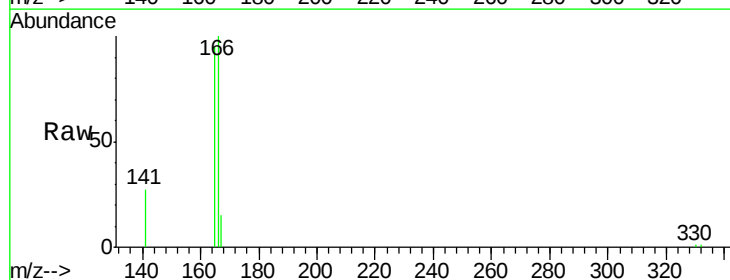
Tgt Ion:166 Resp: 4791

Ion Ratio Lower Upper

166 100

165 98.5 78.6 117.8

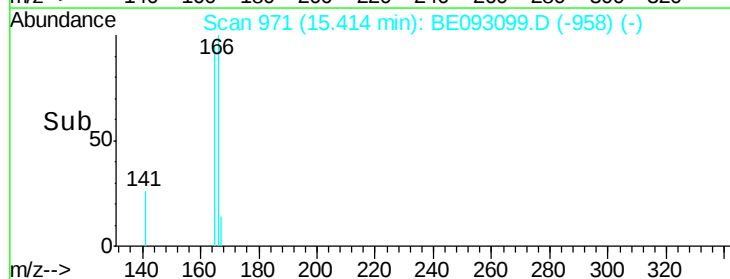
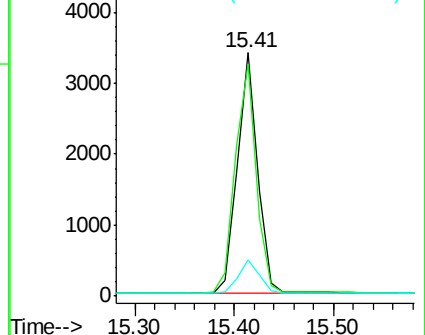
167 14.0 11.1 16.7

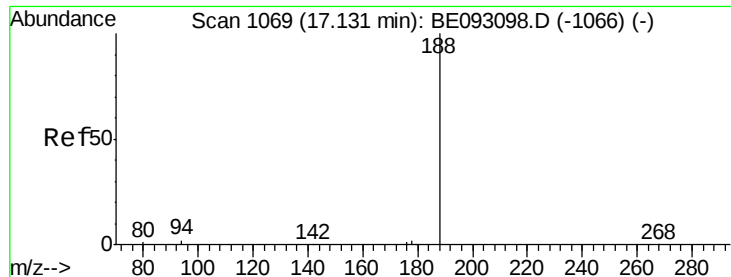


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.13 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

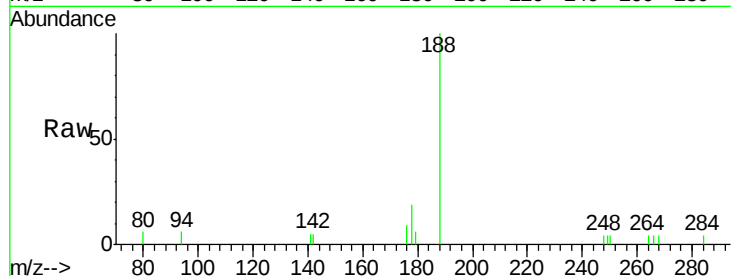
Tgt Ion:188 Resp: 2791

Ion Ratio Lower Upper

188 100

94 6.2 11.3 16.9#

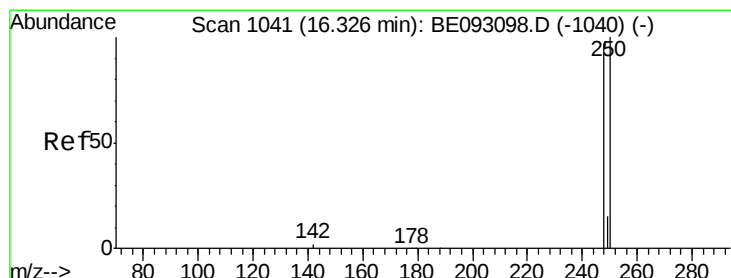
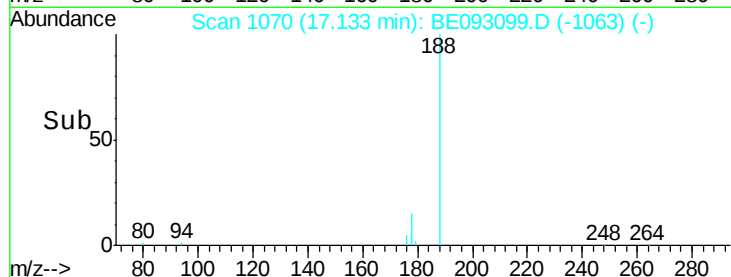
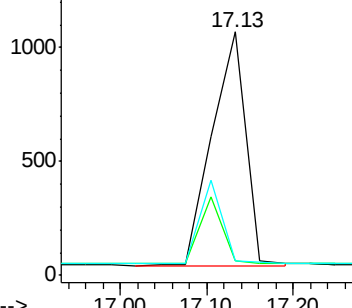
80 6.2 11.7 17.5#



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: 1.655 ng

RT: 16.33 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

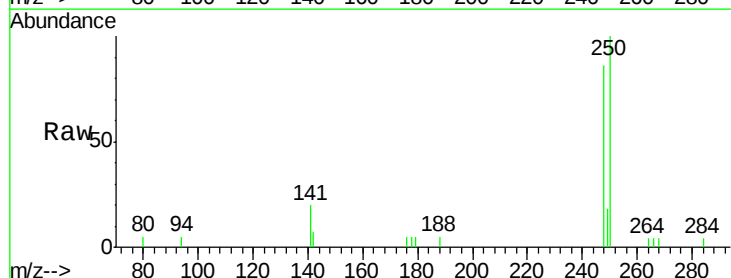
Tgt Ion:248 Resp: 1435

Ion Ratio Lower Upper

248 100

250 115.9 100.0 150.0

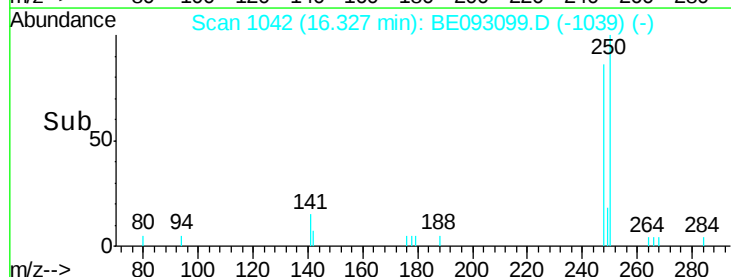
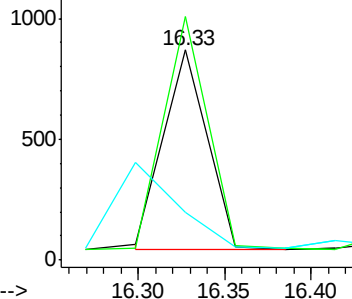
141 23.0 40.0 60.0#

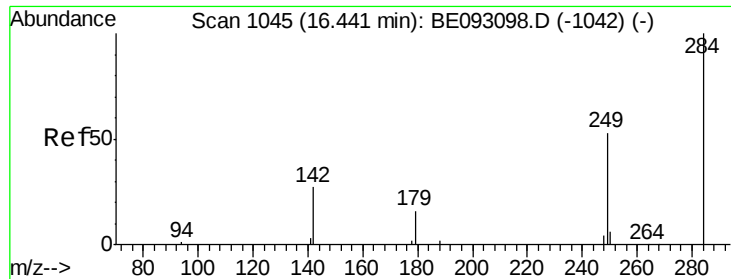


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.231 ng

RT: 16.44 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

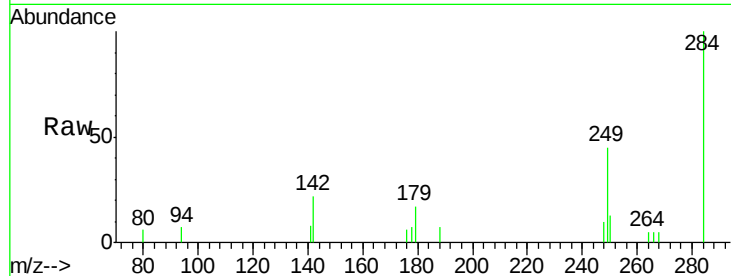
Tgt Ion:284 Resp: 1402

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

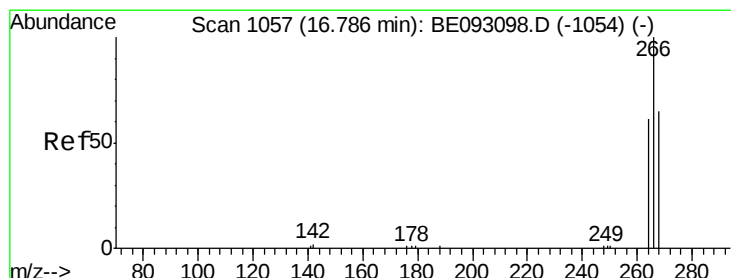
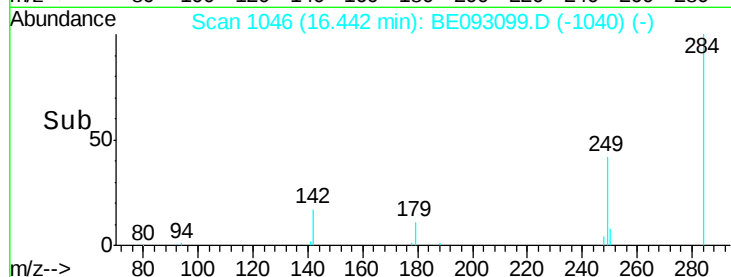
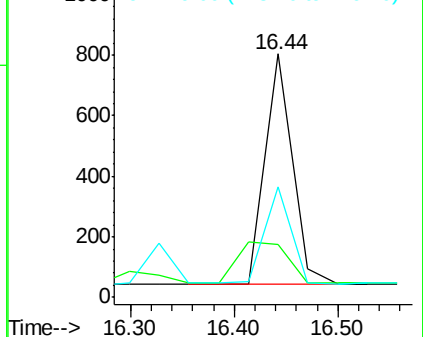
249 40.4 0.0 0.0#



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: 1.183 ng

RT: 16.79 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

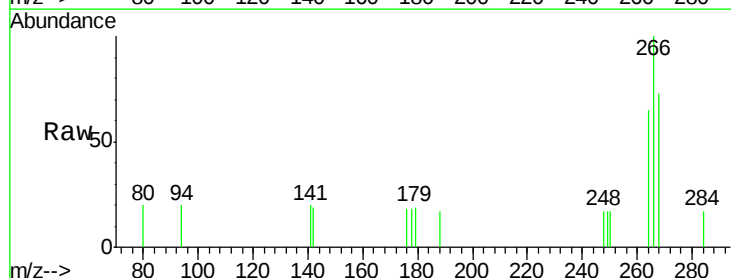
Tgt Ion:266 Resp: 413

Ion Ratio Lower Upper

266 100

264 65.0 58.2 87.2

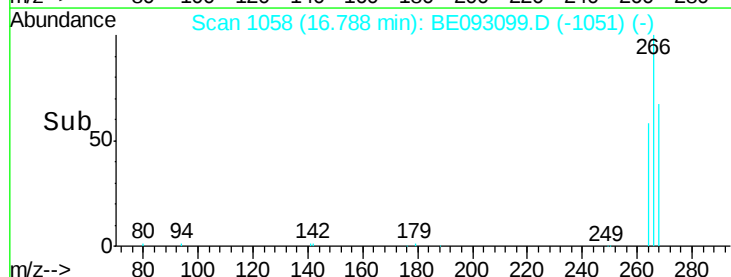
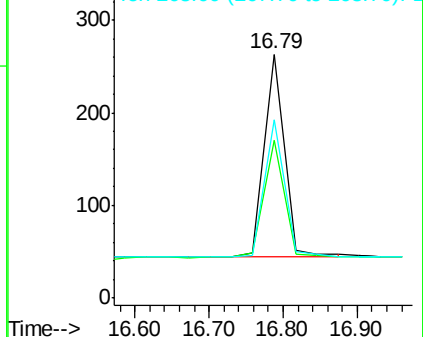
268 73.0 71.9 107.9

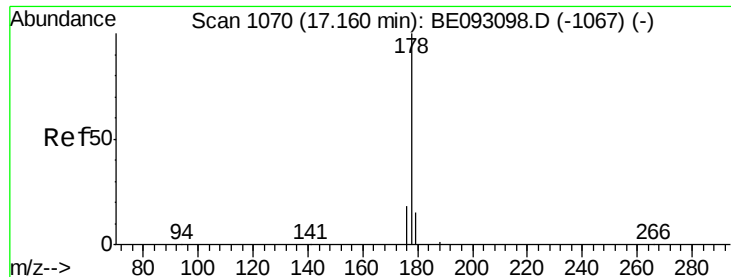


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.674 ng

RT: 17.16 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

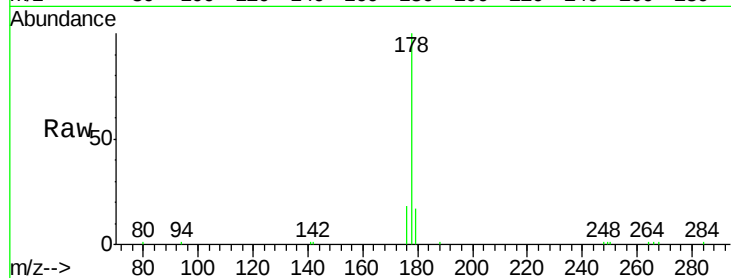
Tgt Ion:178 Resp: 10124

Ion Ratio Lower Upper

178 100

176 18.1 15.0 22.4

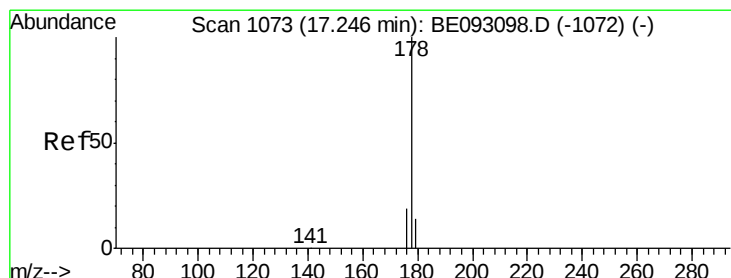
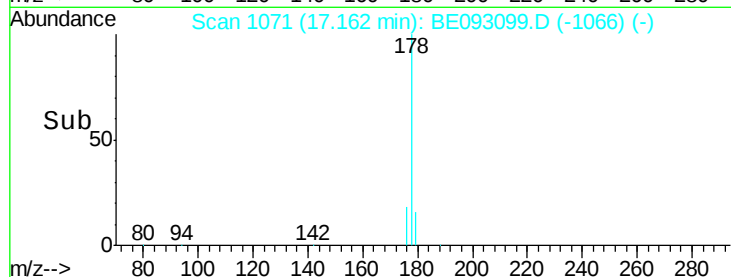
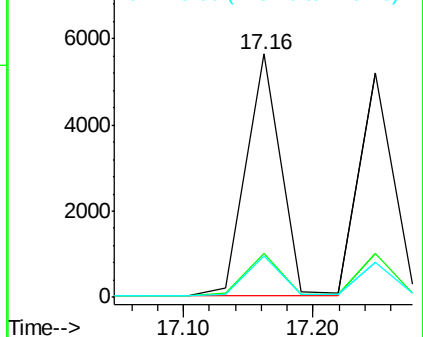
179 16.1 12.7 19.1



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: 1.645 ng

RT: 17.25 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

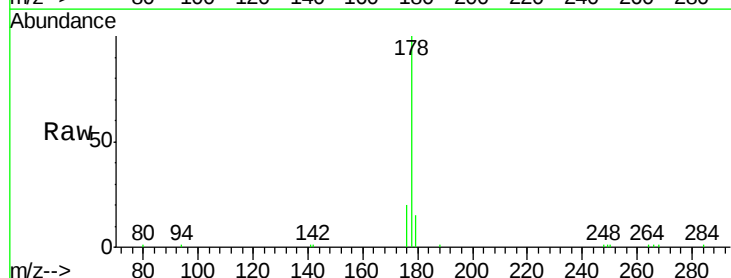
Tgt Ion:178 Resp: 9361

Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

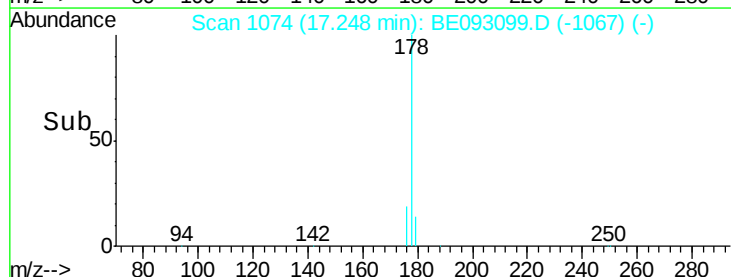
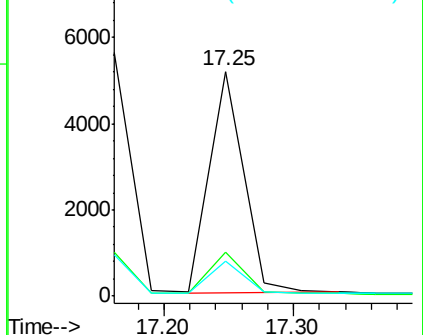
179 14.7 12.0 18.0

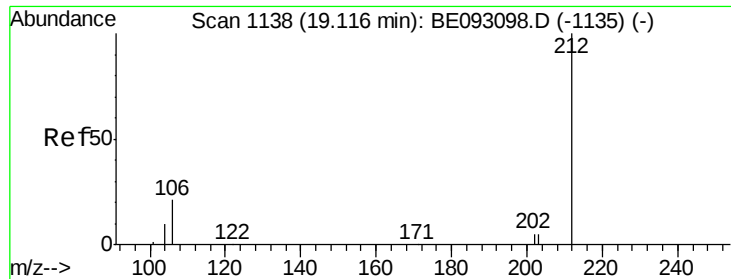


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.075 ng

RT: 19.11 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

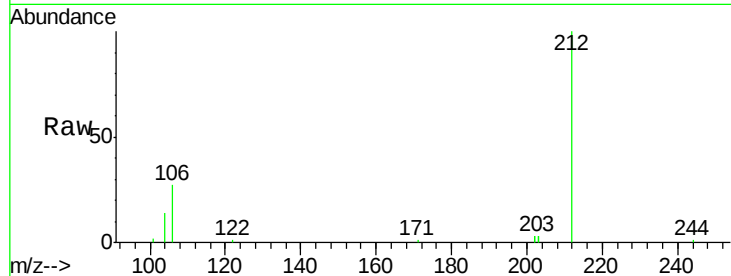
Tgt Ion:212 Resp: 7879

Ion Ratio Lower Upper

212 100

106 18.2 0.0 0.0#

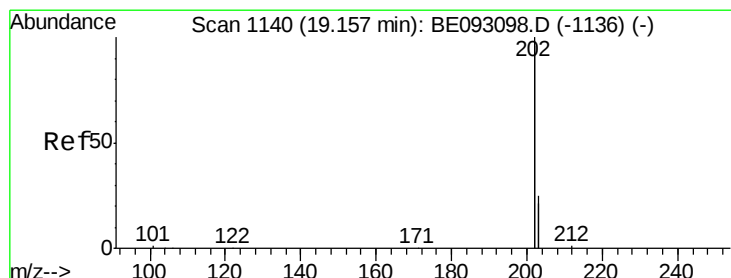
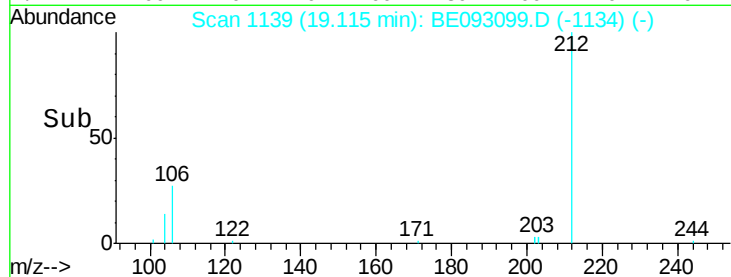
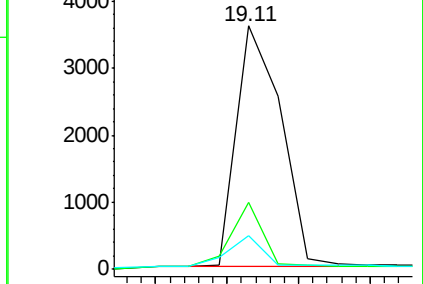
104 9.6 0.0 0.0#



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: 1.149 ng

RT: 19.16 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

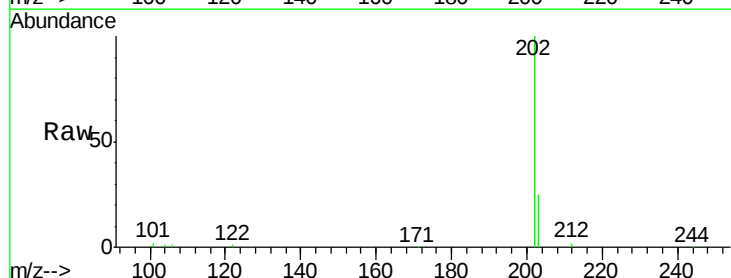
Tgt Ion:202 Resp: 39450

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

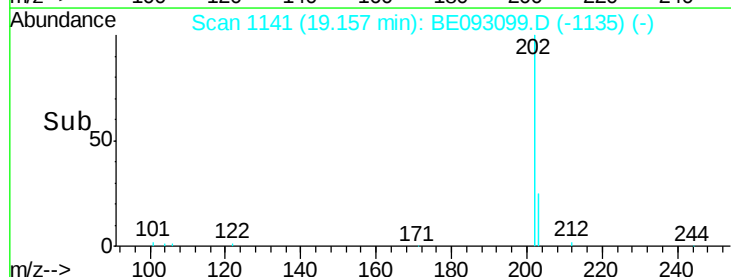
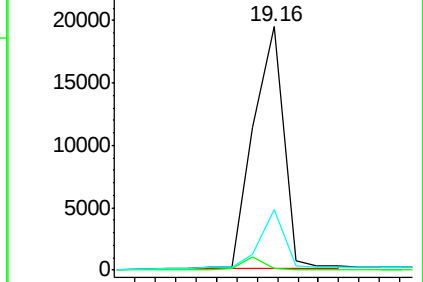
203 19.1 14.4 21.6

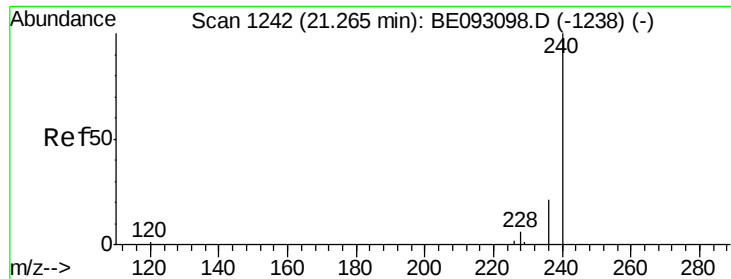


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

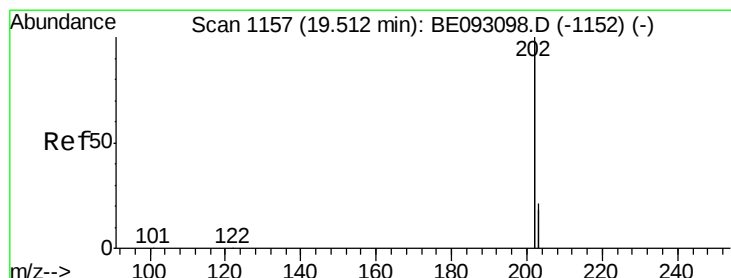
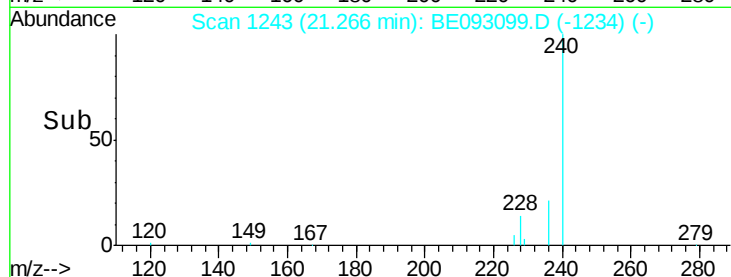
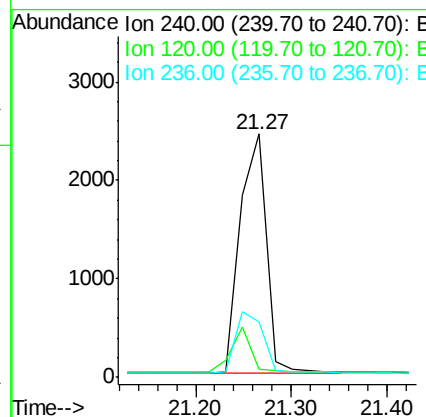
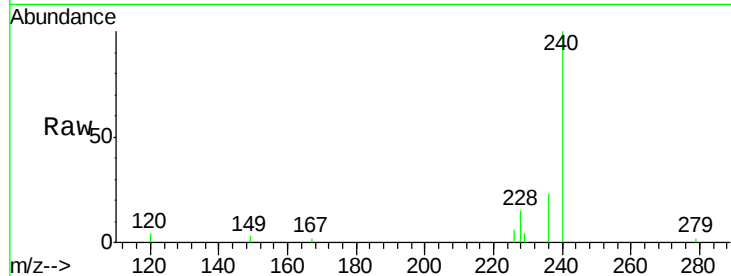




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

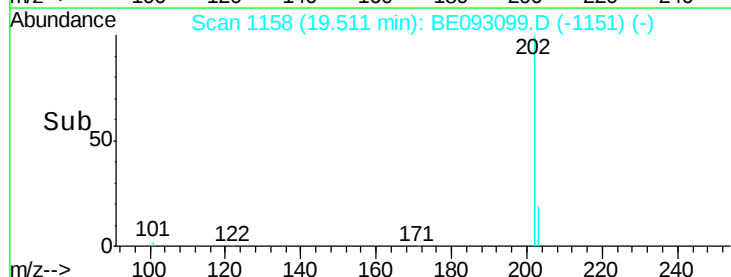
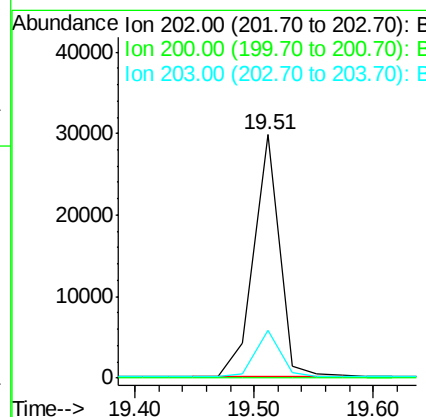
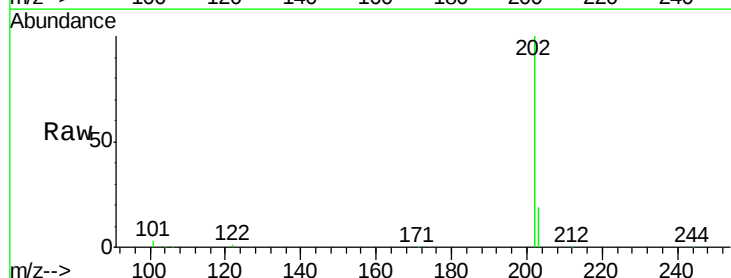
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

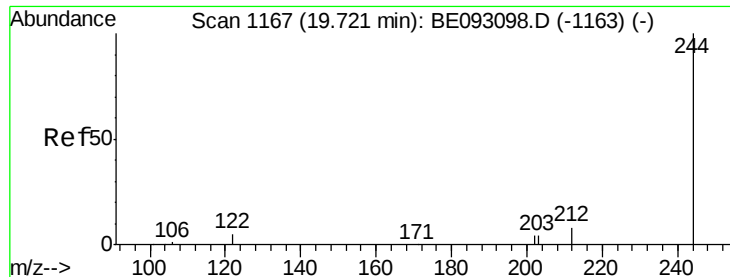
Tgt Ion: 240 Resp: 4620
Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0#
236 22.6 20.8 31.2



#28
Pyrene
Concen: 0.797 ng
RT: 19.51 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BE093099.D
Acq: 12 Jun 2017 11:37

Tgt Ion: 202 Resp: 44381
Ion Ratio Lower Upper
202 100
200 0.0 0.0 0.0
203 18.3 13.7 20.5





#29

Terphenyl-d14

Concen: 0.836 ng

RT: 19.72 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

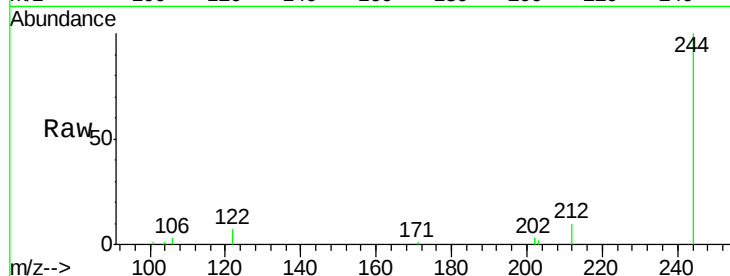
Tgt Ion:244 Resp: 7208

Ion Ratio Lower Upper

244 100

212 9.6 10.6 16.0#

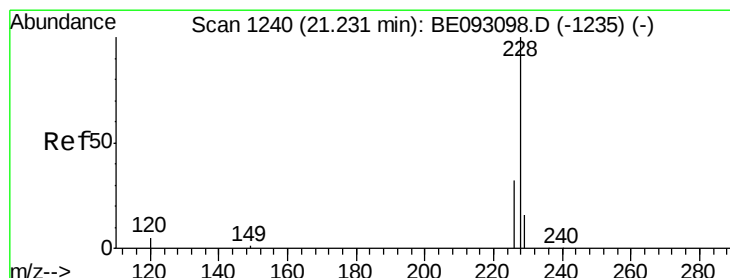
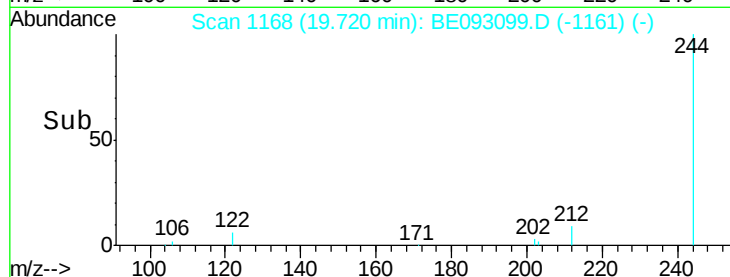
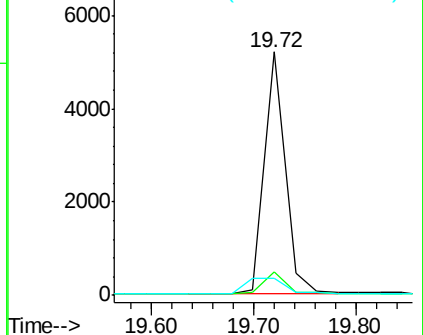
122 7.1 15.4 23.0#



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: 0.784 ng

RT: 21.23 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

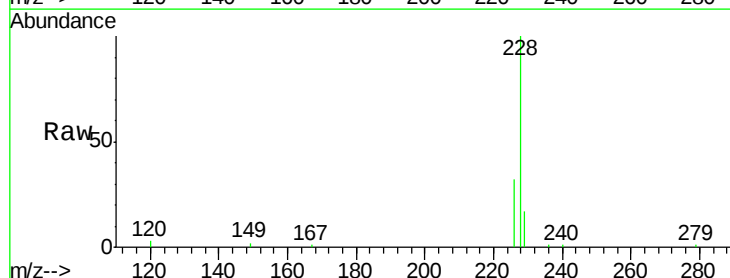
Tgt Ion:228 Resp: 9850

Ion Ratio Lower Upper

228 100

226 32.4 19.7 29.5#

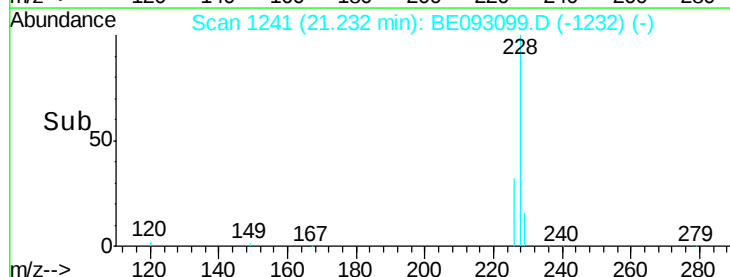
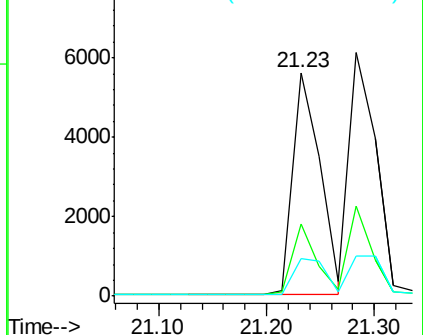
229 16.8 19.2 28.8#

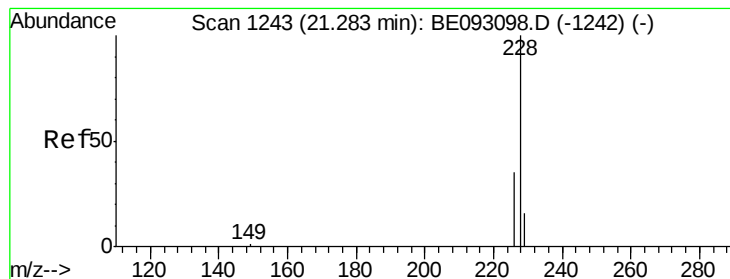


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.802 ng

RT: 21.28 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

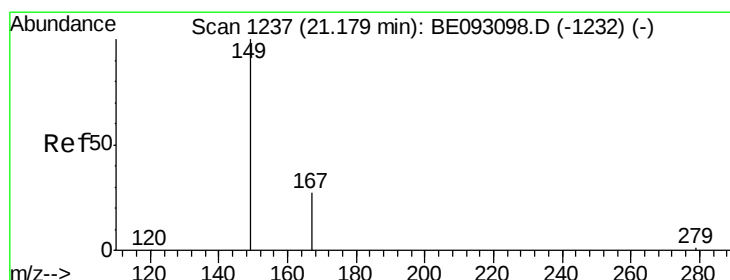
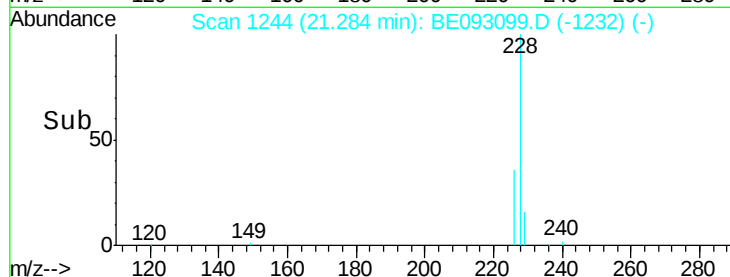
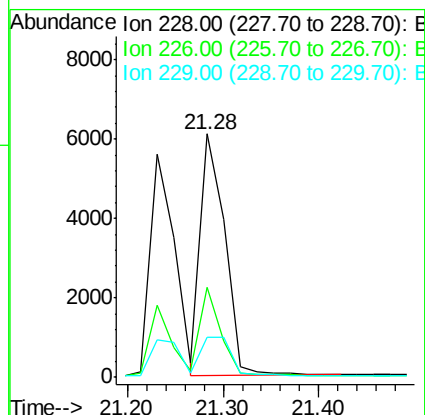
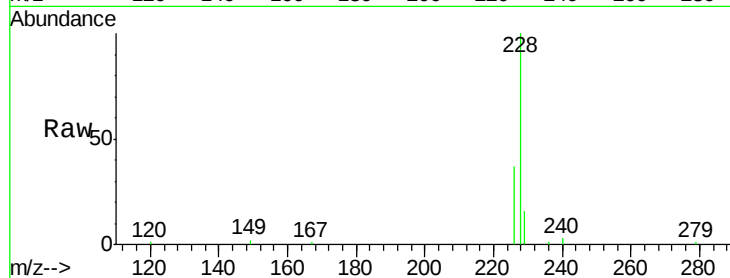
Tgt Ion:228 Resp: 10769

Ion Ratio Lower Upper

228 100

226 36.9 21.5 32.3#

229 16.5 18.6 28.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.531 ng

RT: 21.18 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

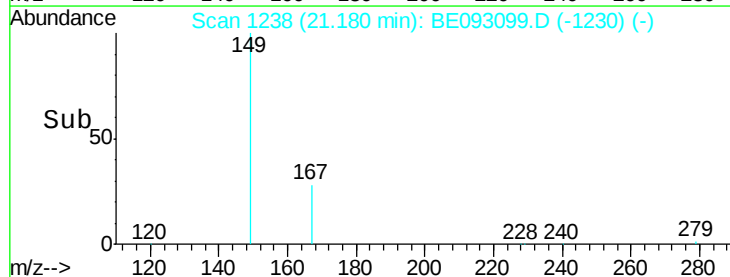
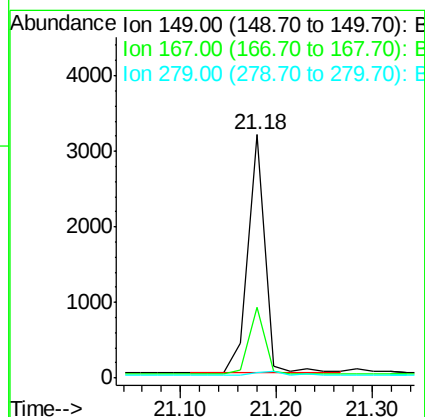
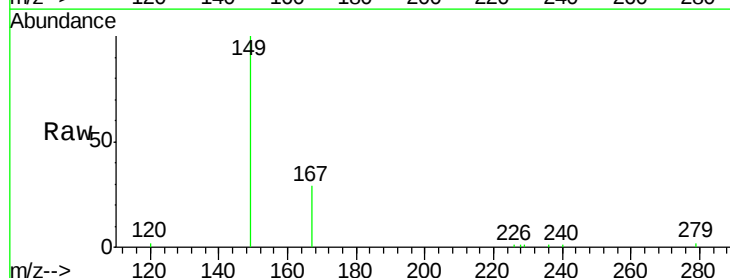
Tgt Ion:149 Resp: 3845

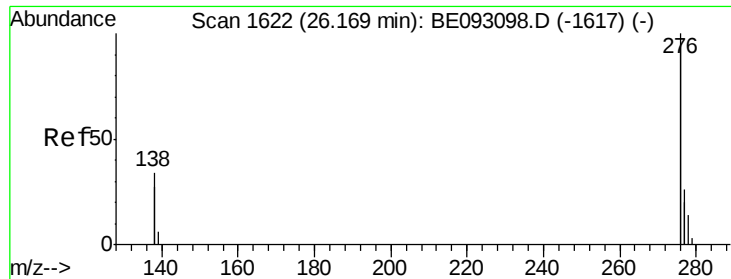
Ion Ratio Lower Upper

149 100

167 26.7 20.1 30.1

279 2.2 2.2 3.4#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.837 ng

RT: 26.18 min Scan# 1624

Delta R.T. 0.02 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

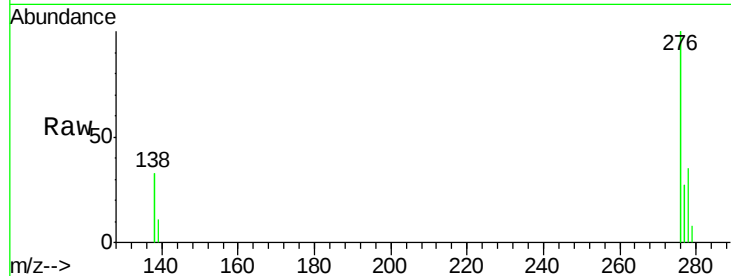
Tgt Ion:276 Resp: 41145

Ion Ratio Lower Upper

276 100

138 32.9 27.4 41.2

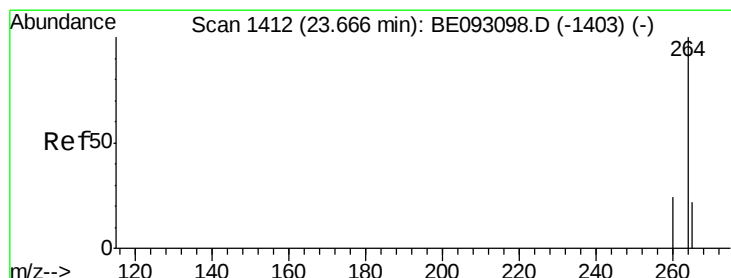
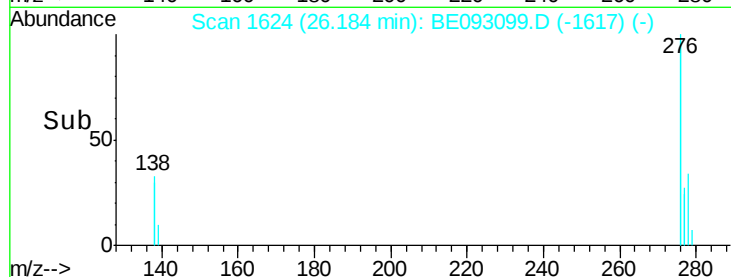
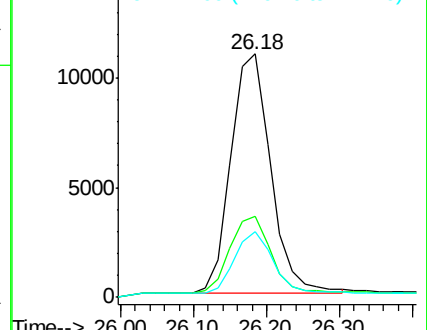
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.67 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

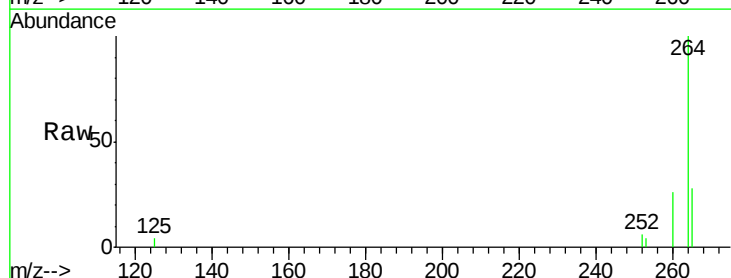
Tgt Ion:264 Resp: 3815

Ion Ratio Lower Upper

264 100

260 25.9 21.0 31.4

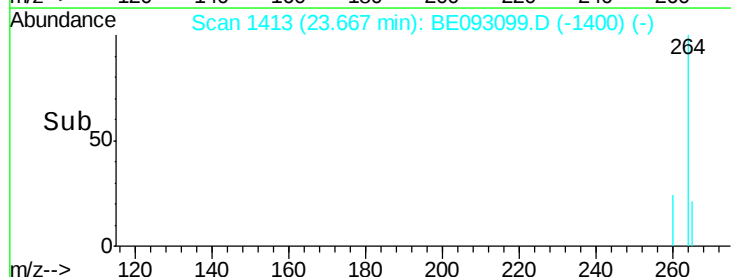
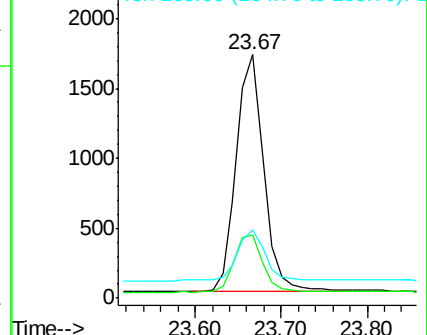
265 27.9 24.6 36.8

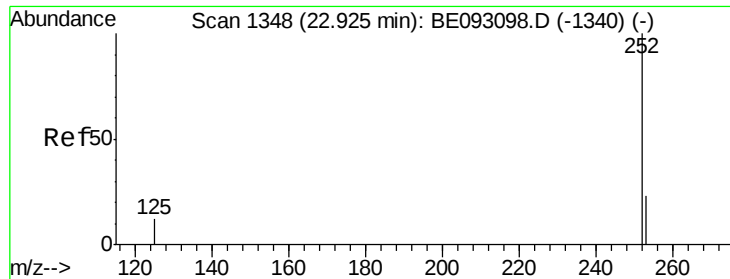


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.792 ng

RT: 22.97 min Scan# 1353

Delta R.T. 0.05 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

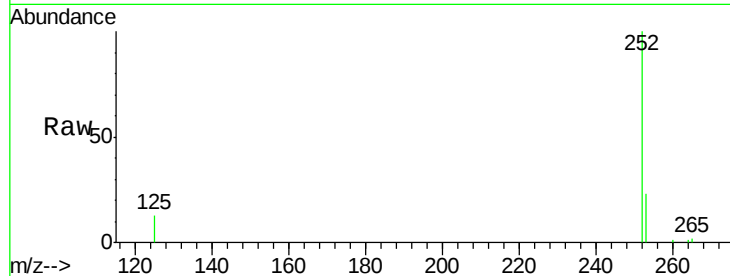
Tgt Ion:252 Resp: 9549

Ion Ratio Lower Upper

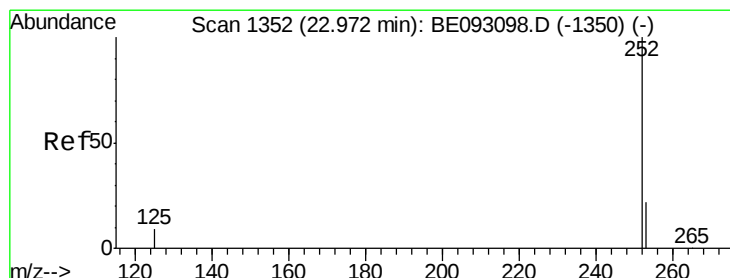
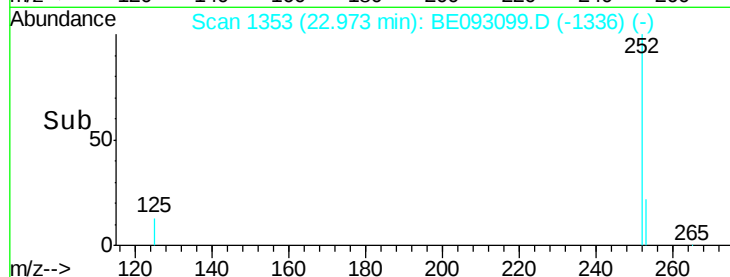
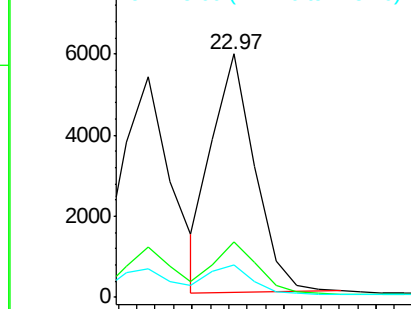
252 100

253 22.8 18.5 27.7

125 13.5 13.4 20.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.815 ng

RT: 22.97 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

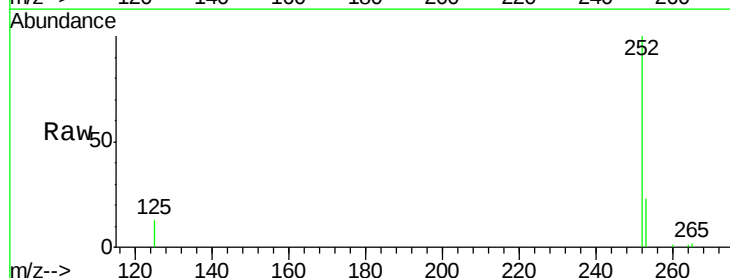
Tgt Ion:252 Resp: 9852

Ion Ratio Lower Upper

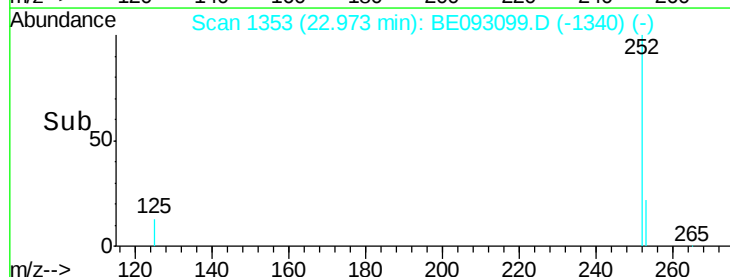
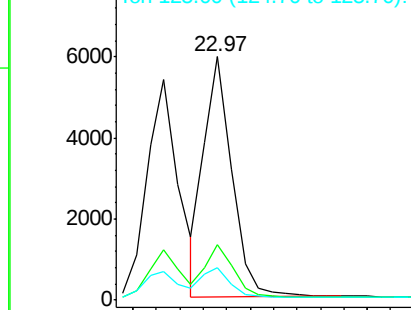
252 100

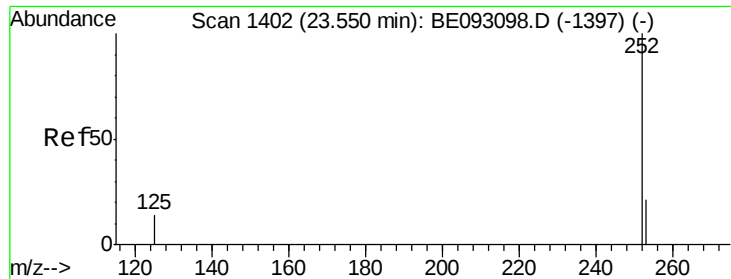
253 22.8 20.3 30.5

125 13.5 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: 0.795 ng

RT: 23.55 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

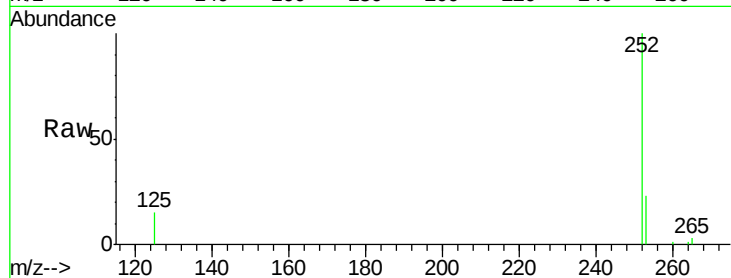
Tgt Ion:252 Resp: 8770

Ion Ratio Lower Upper

252 100

253 23.1 19.9 29.9

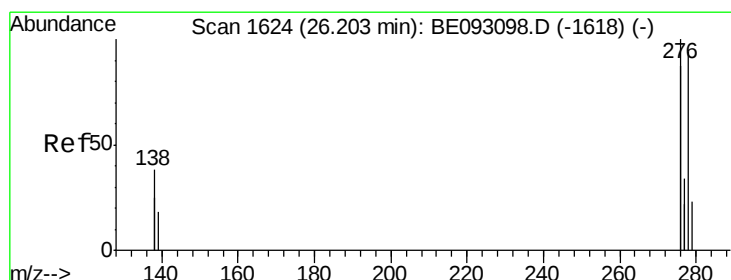
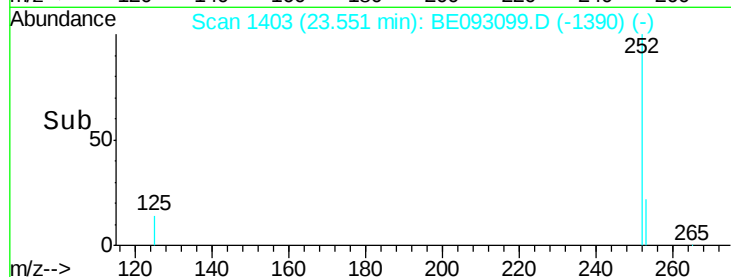
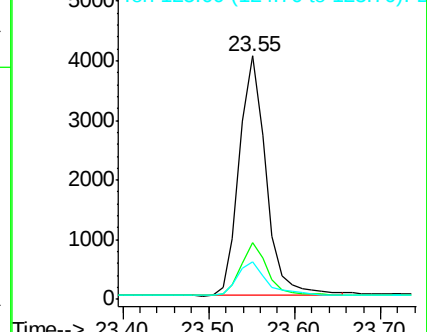
125 15.3 14.6 21.8



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: 0.911 ng

RT: 26.20 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

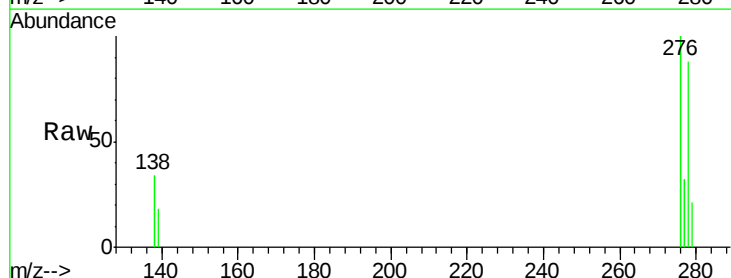
Tgt Ion:278 Resp: 9342

Ion Ratio Lower Upper

278 100

139 20.7 21.4 32.0#

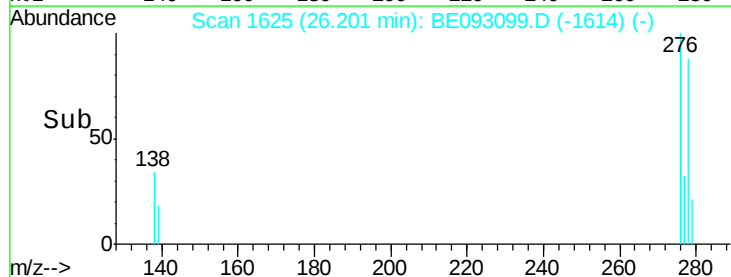
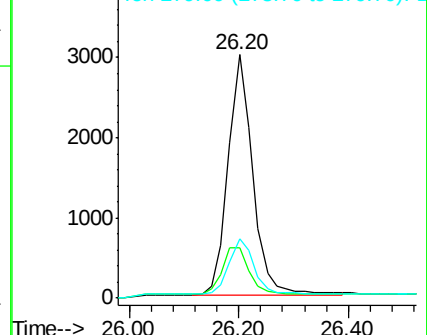
279 24.2 22.2 33.2

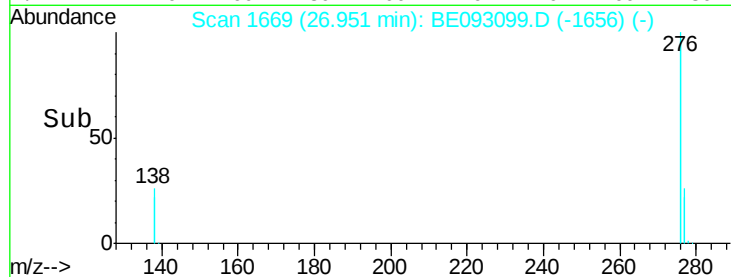
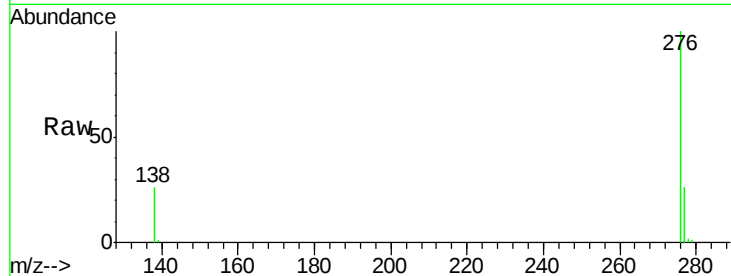
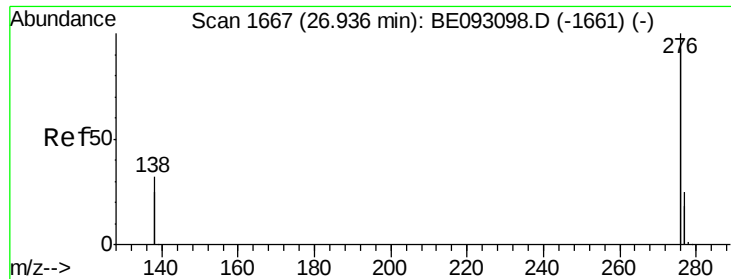


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.837 ng

RT: 26.95 min Scan# 1669

Delta R.T. 0.02 min

Lab File: BE093099.D

Acq: 12 Jun 2017 11:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tgt Ion: 276 Resp: 37417

Ion Ratio Lower Upper

276 100

277 25.7 21.2 31.8

138 26.2 24.5 36.7

