

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121417\
 Data File : BE094978.D
 Acq On : 14 Dec 2017 16:05
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Dec 14 17:26:27 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 17:23:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	6897	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	15162	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	8710	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	20597	0.40	ng	0.00
27) Chrysene-d12	21.87	240	22789	0.40	ng	0.00
34) Perylene-d12	24.55	264	17799	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	4112	0.38	ng	0.00
5) Phenol-d6	7.59	99	6172	0.38	ng	0.00
8) Nitrobenzene-d5	9.65	82	4757	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	9822	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	757	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.70	172	15683	0.42	ng	0.00
25) Fluoranthene-d10	19.75	212	101882	0.36	ng	0.00
29) Terphenyl-d14	20.31	244	17256	0.41	ng	0.00

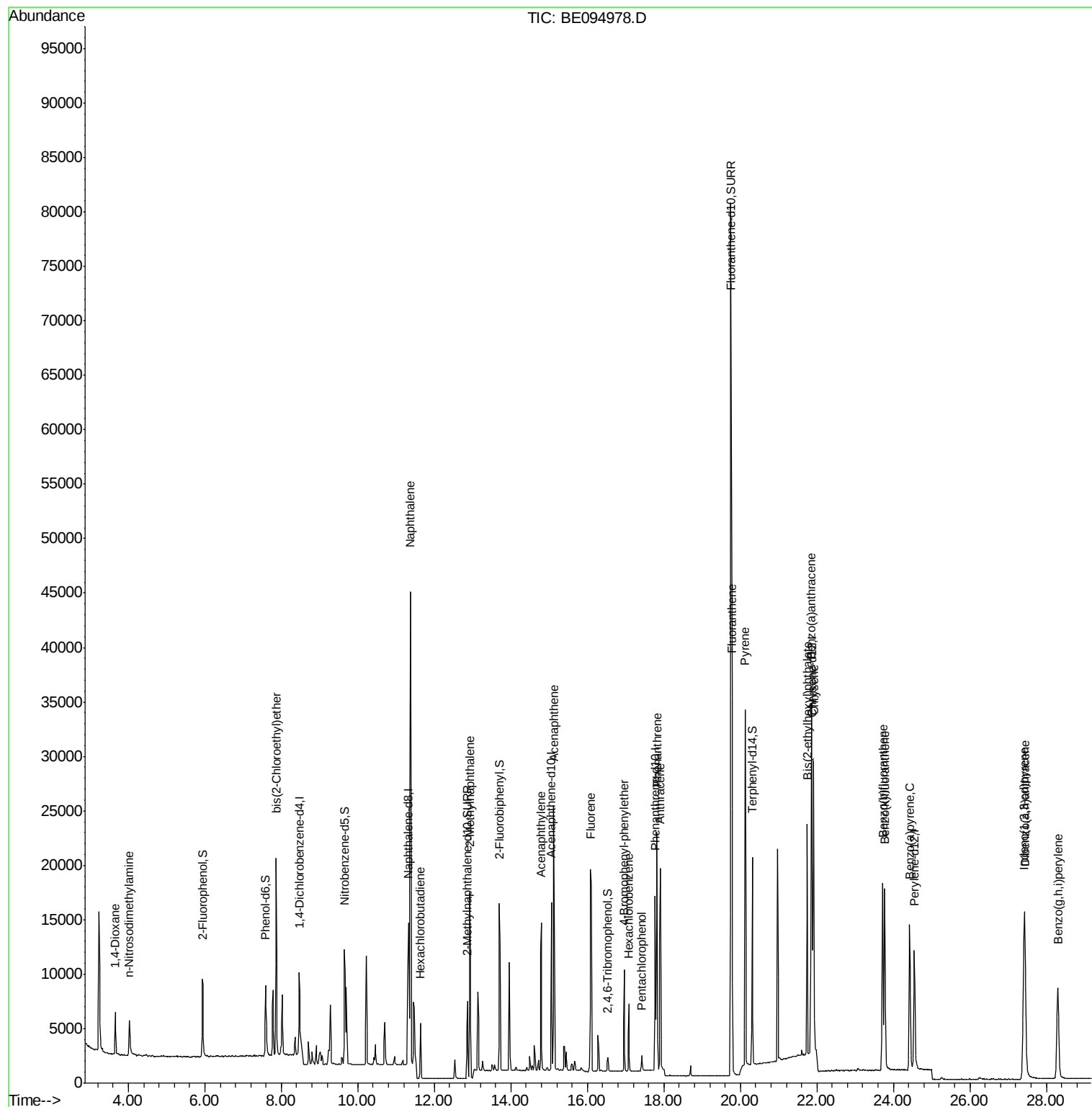
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	2881	0.399	ng	# 85
3) n-Nitrosodimethylamine	4.01	42	3228	0.351	ng	# 1
6) bis(2-Chloroethyl)ether	7.87	93	6140	0.383	ng	95
9) Naphthalene	11.38	128	70903	0.399	ng	99
10) Hexachlorobutadiene	11.64	225	3251	0.433	ng	98
12) 2-Methylnaphthalene	12.93	142	17546	0.397	ng	98
16) Acenaphthylene	14.79	152	17815	0.362	ng	100
17) Acenaphthene	15.12	154	12258	0.385	ng	95
18) Fluorene	16.10	166	15010	0.371	ng	# 78
20) 4-Bromophenyl-phenylether	16.97	248	4659	0.405	ng	# 82
21) Hexachlorobenzene	17.09	284	4849	0.433	ng	# 82
22) Pentachlorophenol	17.42	266	907	0.328	ng	# 71
23) Phenanthrene	17.82	178	24877	0.379	ng	98
24) Anthracene	17.91	178	24817	0.357	ng	# 94
26) Fluoranthene	19.78	202	30580	0.362	ng	99
28) Pyrene	20.13	202	31859	0.405	ng	98
30) Benzo(a)anthracene	21.85	228	26205	0.375	ng	# 61
31) Chrysene	21.92	228	29952	0.388	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.75	149	30279	0.261	ng	99
33) Indeno(1,2,3-cd)pyrene	27.41	276	24795	0.392	ng	99
35) Benzo(b)fluoranthene	23.72	252	26228	0.404	ng	# 89
36) Benzo(k)fluoranthene	23.78	252	25171	0.380	ng	# 95
37) Benzo(a)pyrene	24.43	252	23051	0.405	ng	94
38) Dibenzo(a,h)anthracene	27.44	278	21237	0.404	ng	98
39) Benzo(g,h,i)perylene	28.30	276	20960	0.399	ng	94

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

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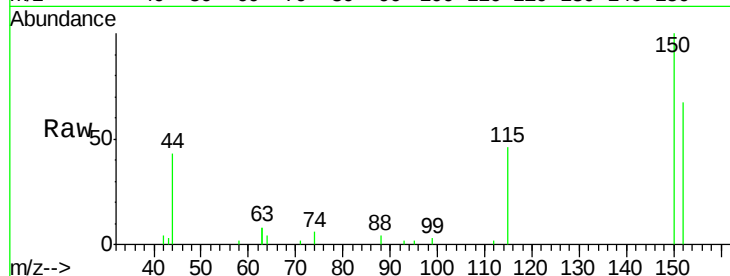


#1

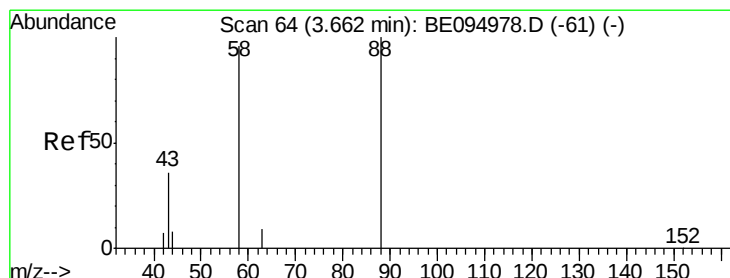
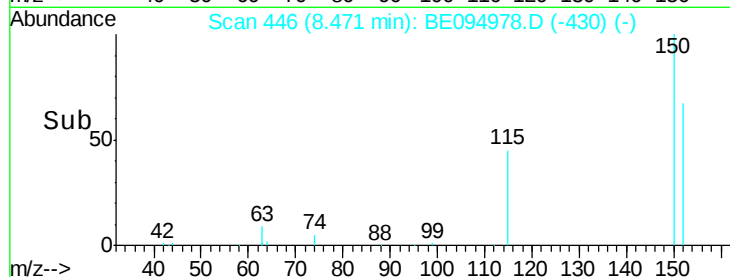
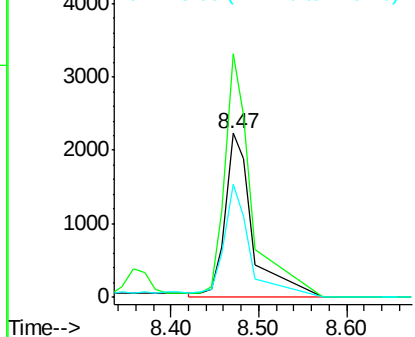
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.47 min Scan# 446
Delta R.T. 0.00 min
Lab File: BE094978.D
Acq: 14 Dec 2017 16:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 6897
Ion Ratio Lower Upper
152 100
150 148.6 117.2 175.8
115 69.1 57.0 85.6



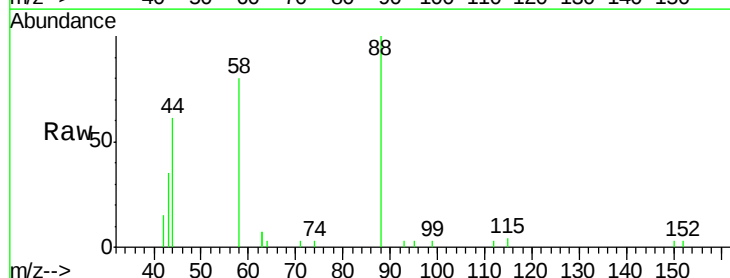
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



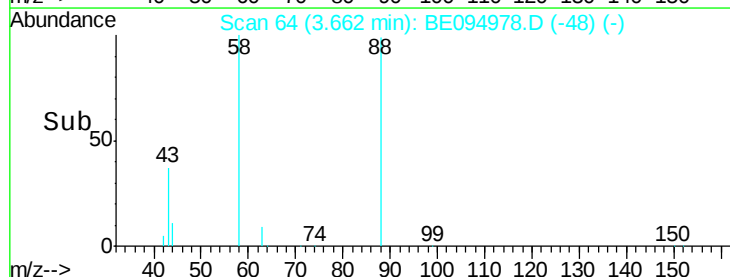
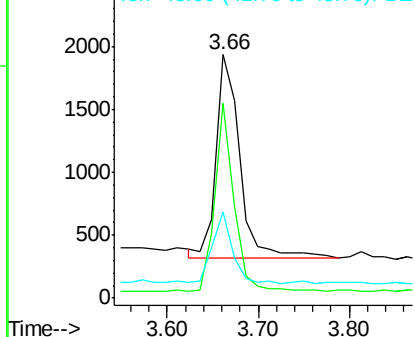
#2

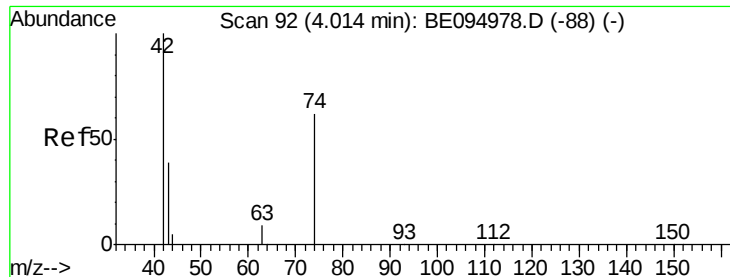
1,4-Dioxane
Concen: 0.399 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE094978.D
Acq: 14 Dec 2017 16:05

Tgt Ion: 88 Resp: 2881
Ion Ratio Lower Upper
88 100
58 74.7 63.2 94.8
43 29.4 41.2 61.8#



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

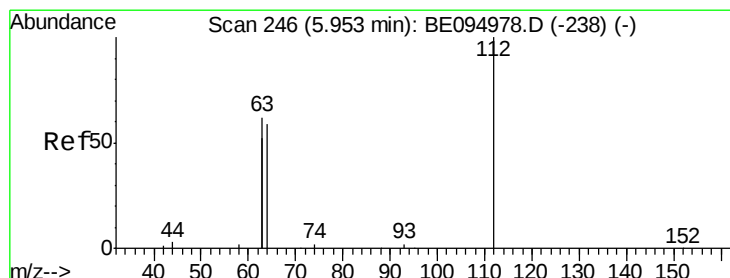
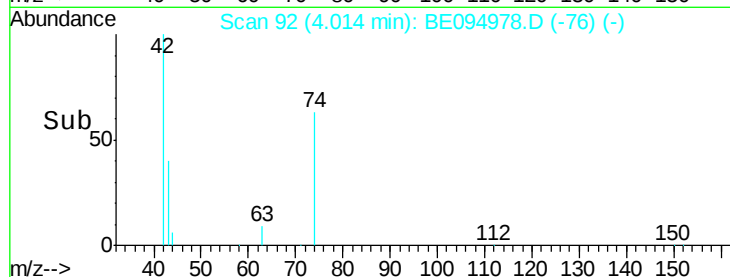
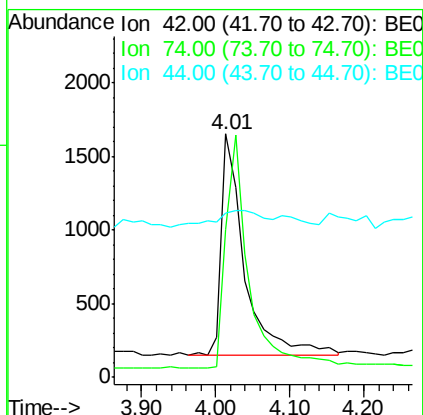
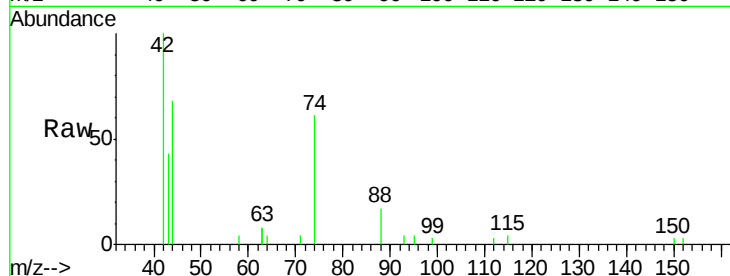




#3
 n-Nitrosodimethylamine
 Concen: 0.351 ng
 RT: 4.01 min Scan# 92
 Delta R.T. 0.00 min
 Lab File: BE094978.D
 Acq: 14 Dec 2017 16:05

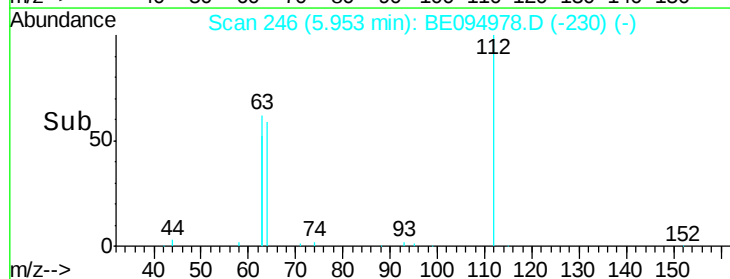
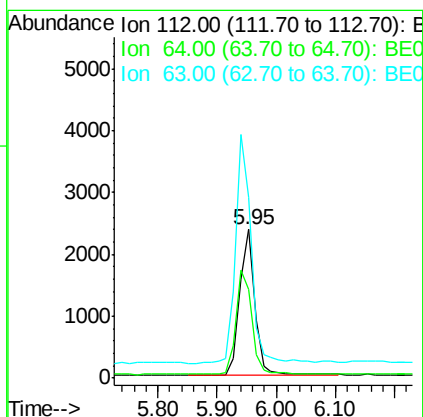
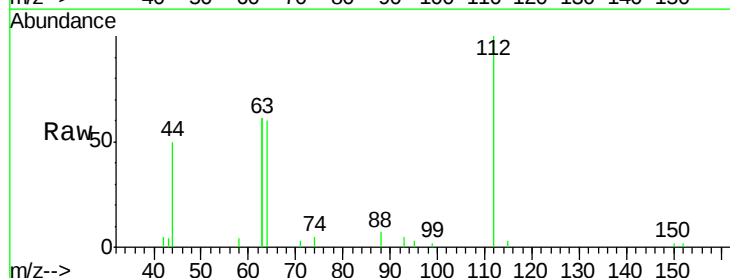
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

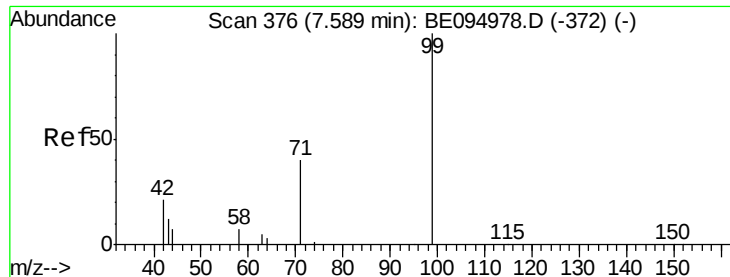
Tot Ion: 42 Resp: 3228
 Ion Ratio Lower Upper
 42 100
 74 0.0 96.0 144.0#
 44 0.0 12.0 18.0#



#4
 2-Fluorophenol
 Concen: 0.377 ng
 RT: 5.95 min Scan# 246
 Delta R.T. 0.00 min
 Lab File: BE094978.D
 Acq: 14 Dec 2017 16:05

Tgt Ion: 112 Resp: 4112
 Ion Ratio Lower Upper
 112 100
 64 74.7 60.1 90.1
 63 165.0 116.8 175.2





#5

Phenol-d6

Concen: 0.382 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

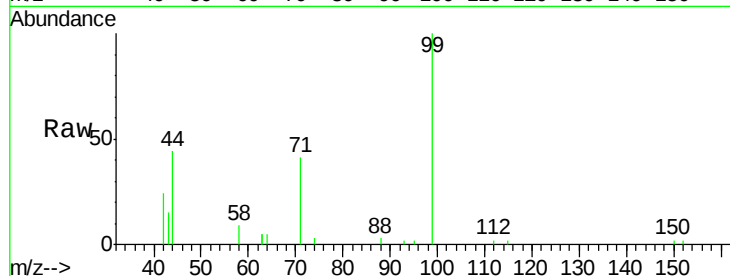
Tot Ion: 99 Resp: 6172

Ion Ratio Lower Upper

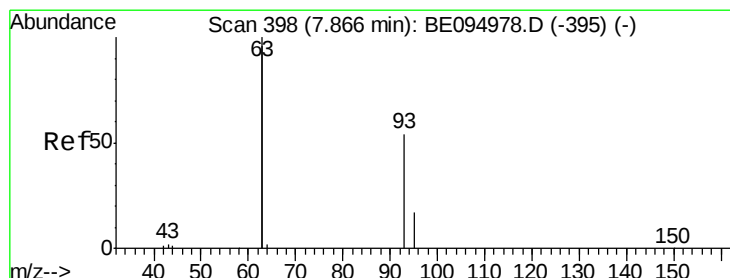
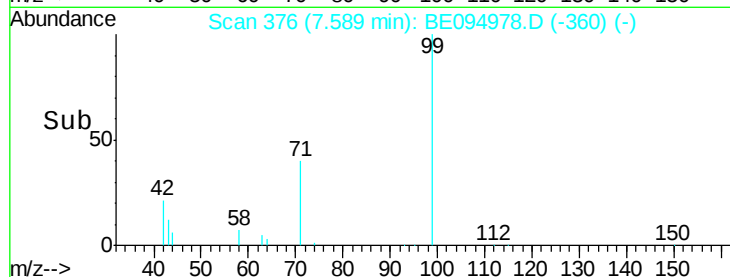
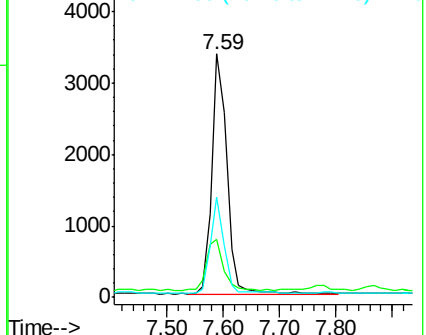
99 100

42 23.4 20.2 30.2

71 36.9 28.4 42.6



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: 0.383 ng

RT: 7.87 min Scan# 398

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

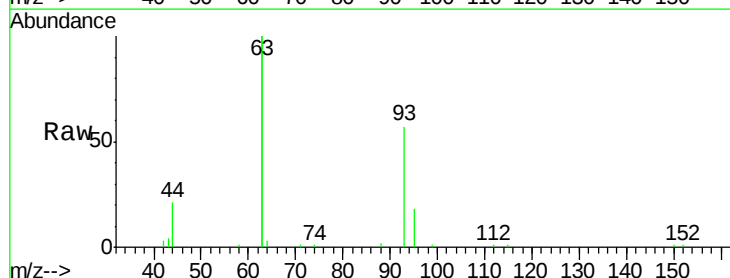
Tgt Ion: 93 Resp: 6140

Ion Ratio Lower Upper

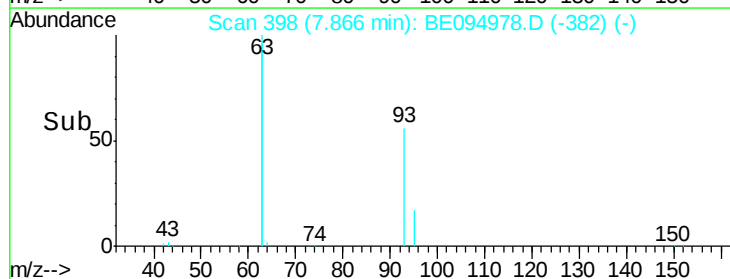
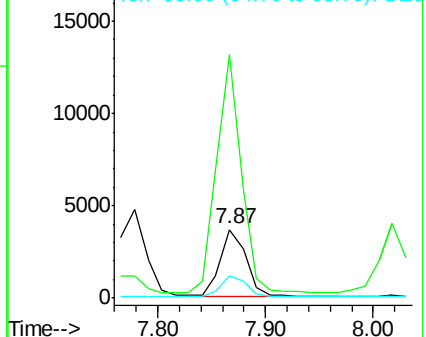
93 100

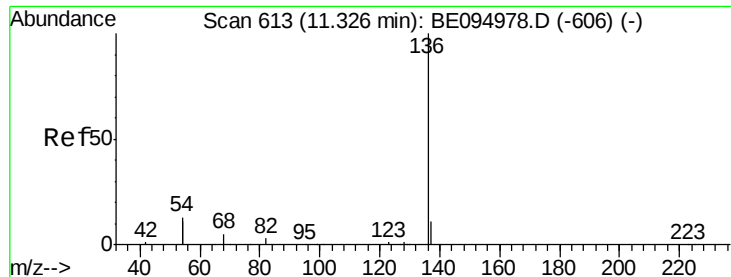
63 332.6 275.3 412.9

95 31.6 25.2 37.8



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: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 15162

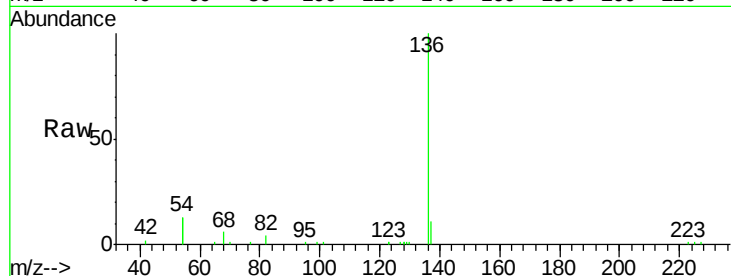
Ion Ratio Lower Upper

136 100

137 11.1 9.5 14.3

54 26.8 29.1 43.7#

68 6.0 6.2 9.2#

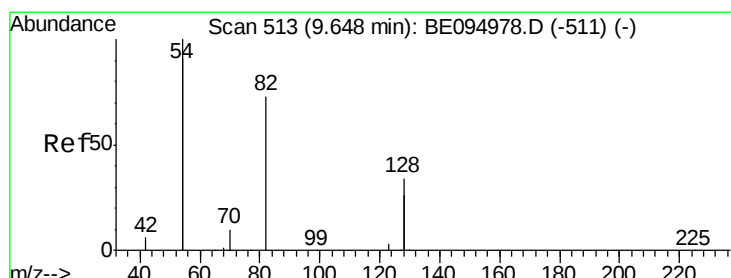
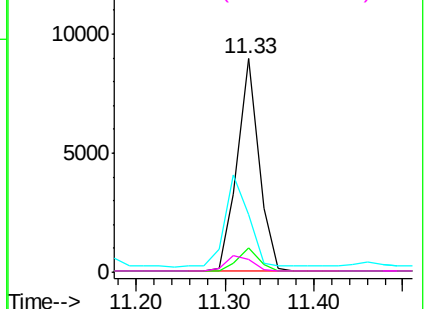
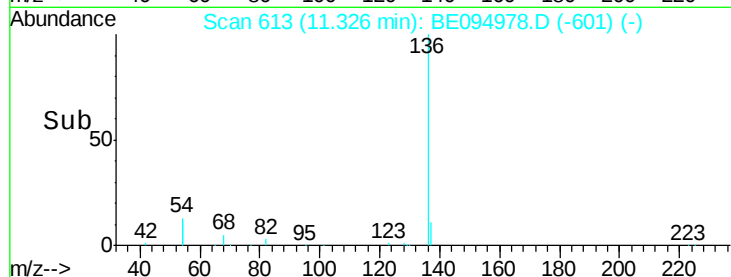


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.530 ng

RT: 9.65 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

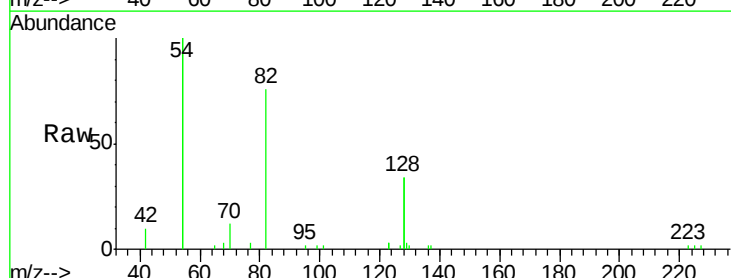
Tgt Ion: 82 Resp: 4757

Ion Ratio Lower Upper

82 100

128 89.0 150.0 225.0#

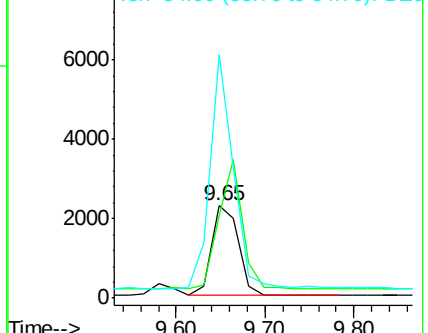
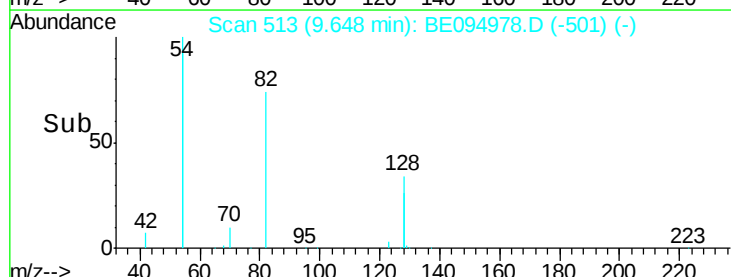
54 264.1 154.2 231.4#

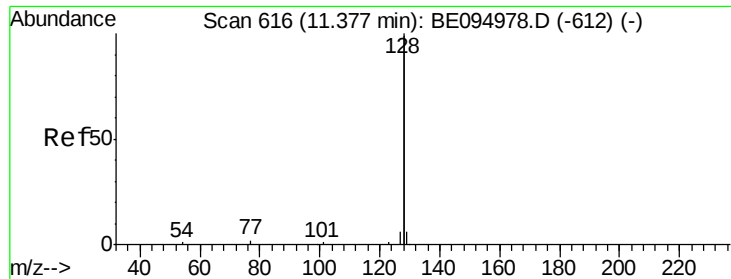


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.399 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

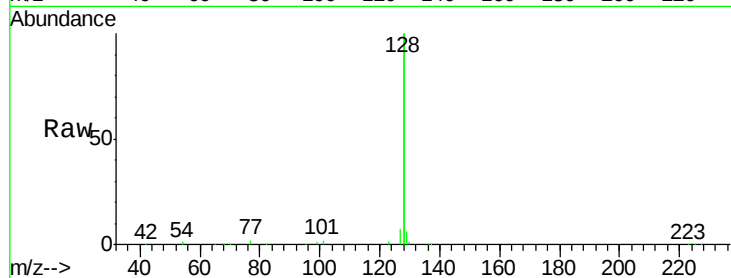
Tot Ion:128 Resp: 70903

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

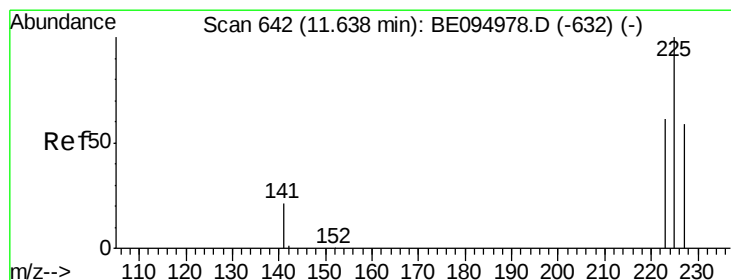
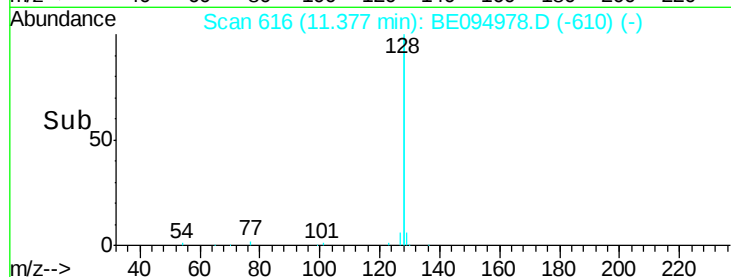
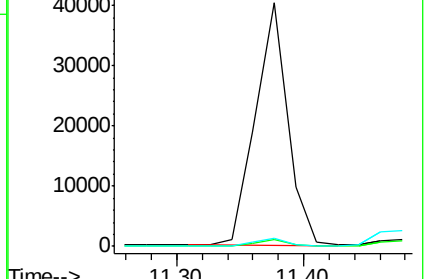
127 3.4 2.8 4.2



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: 0.433 ng

RT: 11.64 min Scan# 642

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

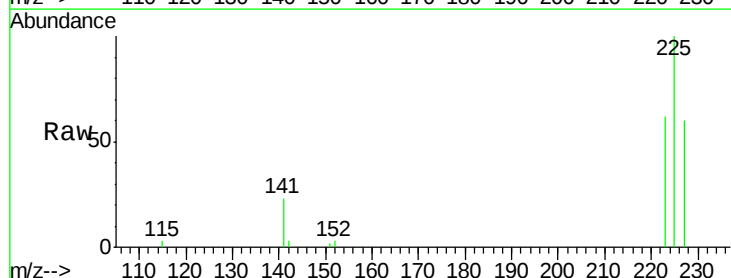
Tgt Ion:225 Resp: 3251

Ion Ratio Lower Upper

225 100

223 63.1 53.0 79.6

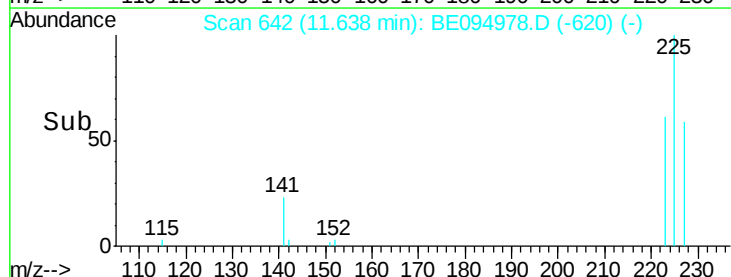
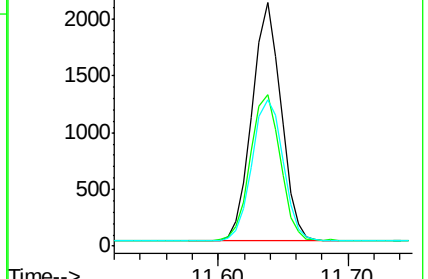
227 63.8 51.4 77.2

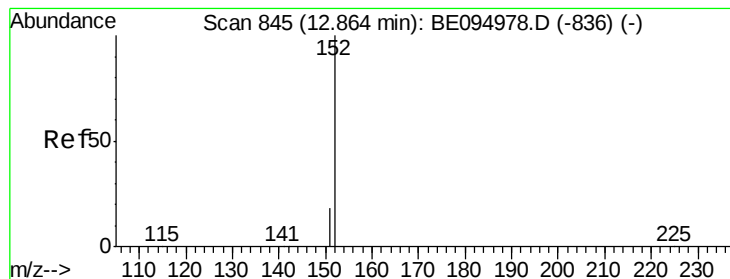


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.406 ng

RT: 12.86 min Scan# 845

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA_E

ClientSampleId :

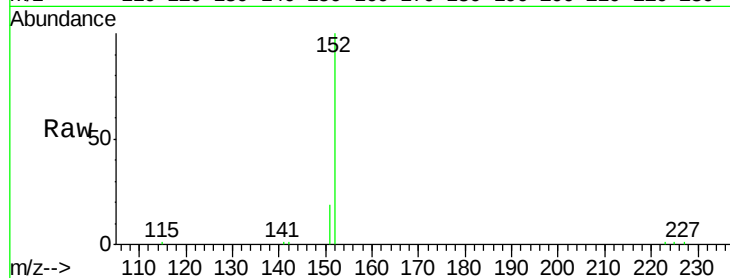
SSTDICCC0.4

Tot Ion:152 Resp: 9822

Ion Ratio Lower Upper

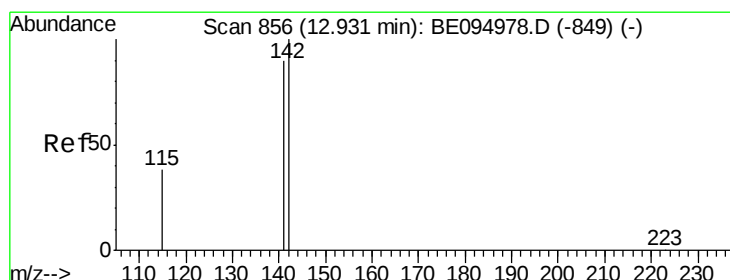
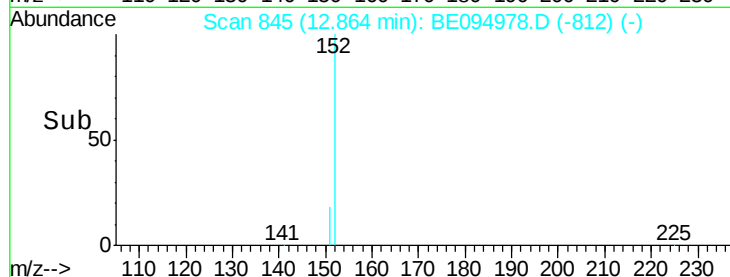
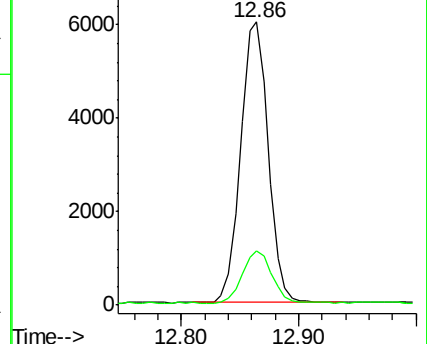
152 100

151 19.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.397 ng

RT: 12.93 min Scan# 856

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

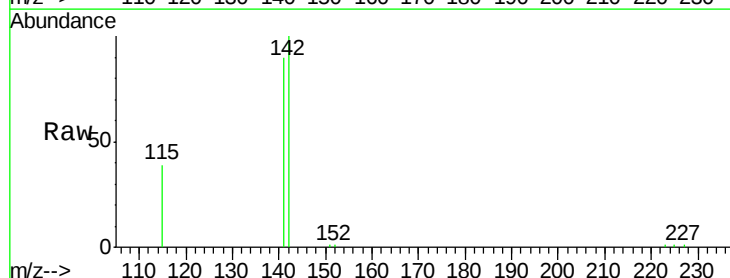
Tgt Ion:142 Resp: 17546

Ion Ratio Lower Upper

142 100

141 89.8 70.4 105.6

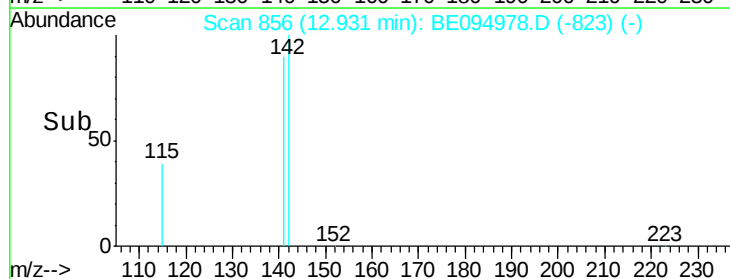
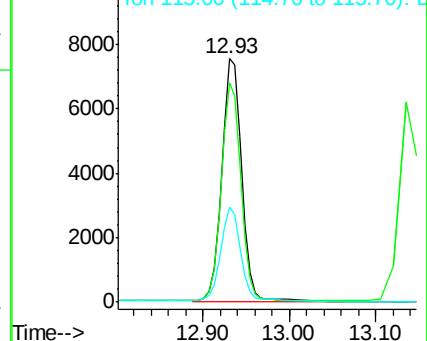
115 39.2 31.7 47.5

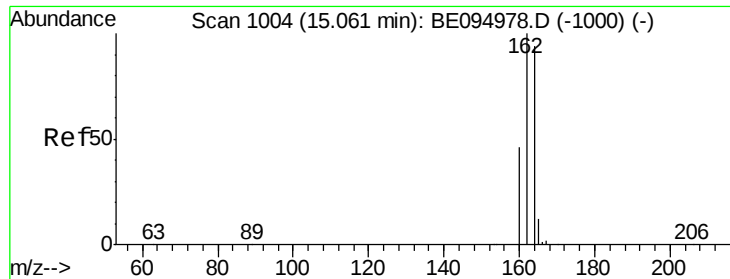


Abundance Ion 142.00 (141.70 to 142.70): E

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: 15.06 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

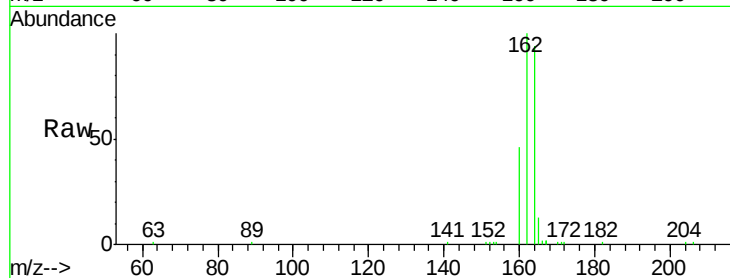
Tot Ion:164 Resp: 8710

Ion Ratio Lower Upper

164 100

162 106.7 83.1 124.7

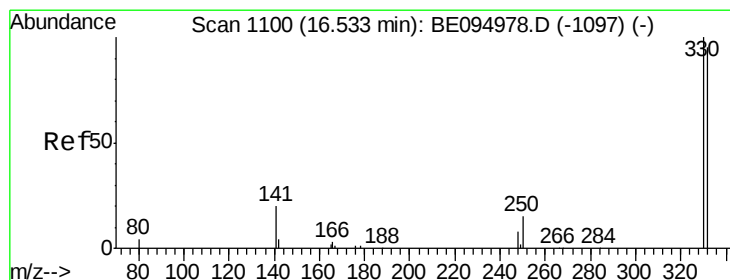
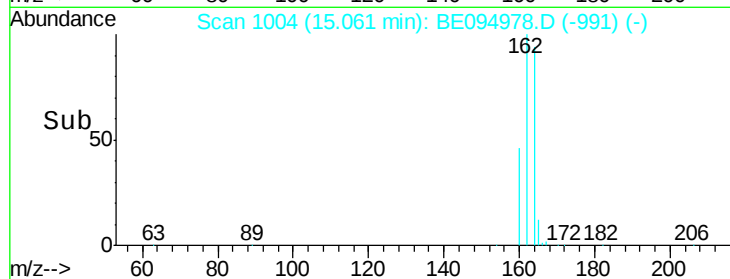
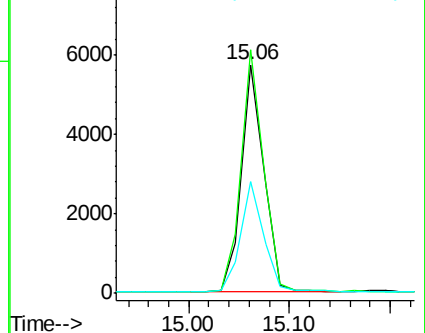
160 49.2 37.1 55.7



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: 0.402 ng

RT: 16.53 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

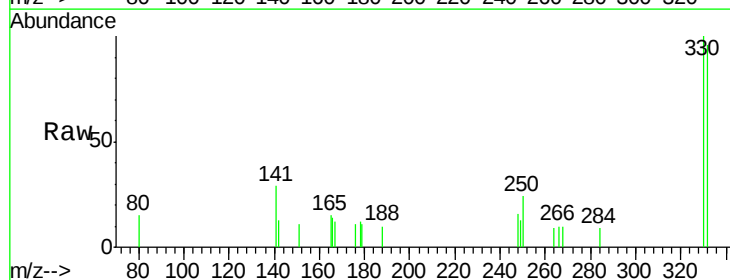
Tgt Ion:330 Resp: 757

Ion Ratio Lower Upper

330 100

332 97.5 152.7 229.1#

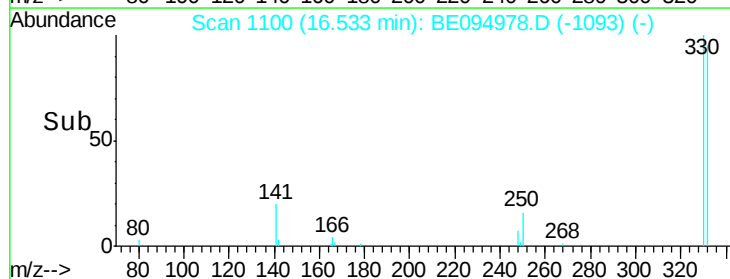
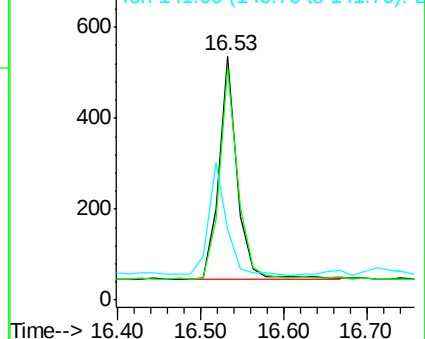
141 49.4 33.7 50.5

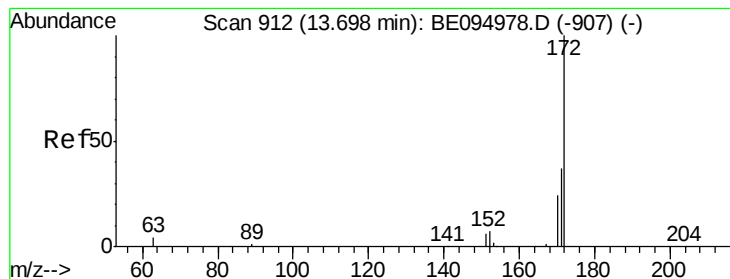


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.420 ng

RT: 13.70 min Scan# 912

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

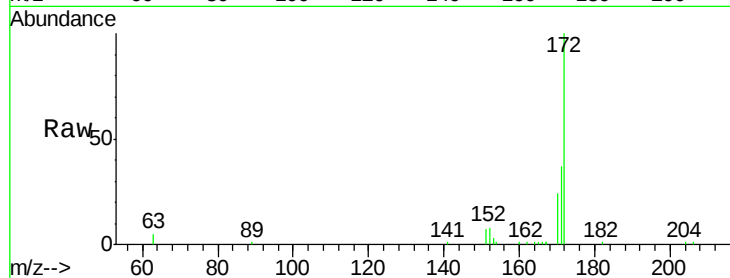
Tot Ion:172 Resp: 15683

Ion Ratio Lower Upper

172 100

171 37.3 29.9 44.9

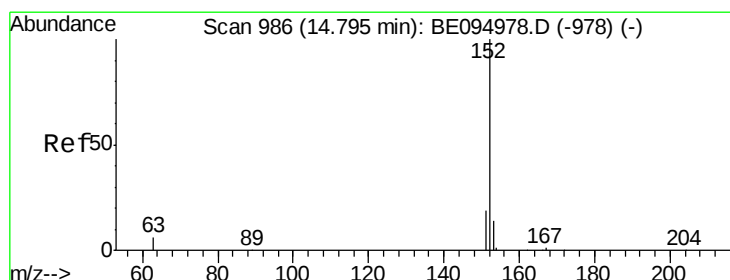
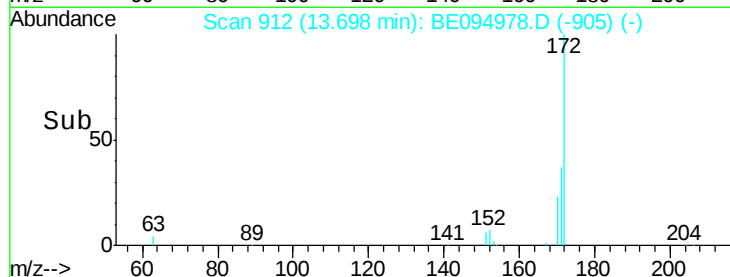
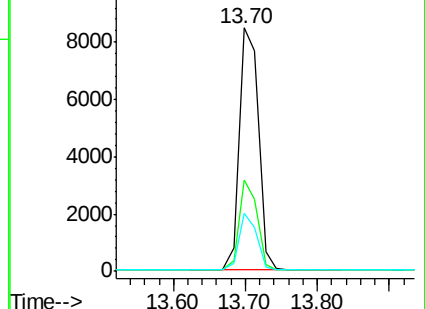
170 24.0 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.362 ng

RT: 14.79 min Scan# 986

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

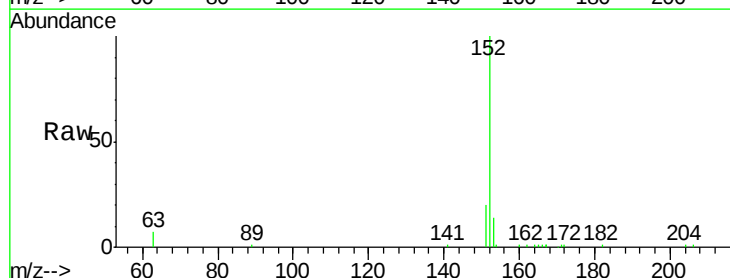
Tgt Ion:152 Resp: 17815

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

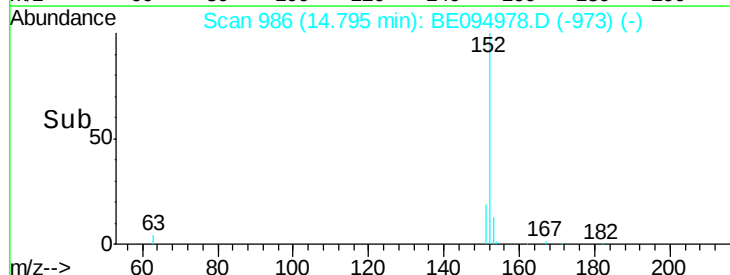
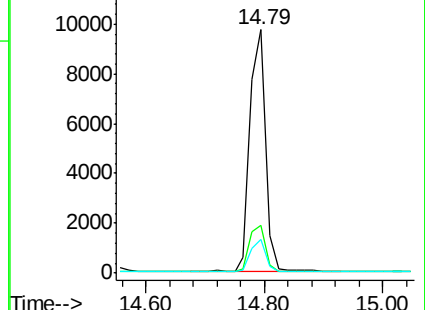
153 13.2 10.5 15.7

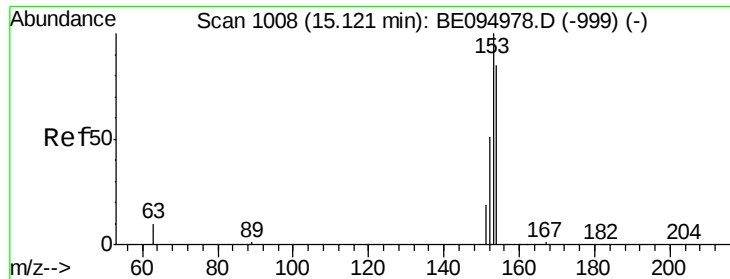


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.385 ng

RT: 15.12 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

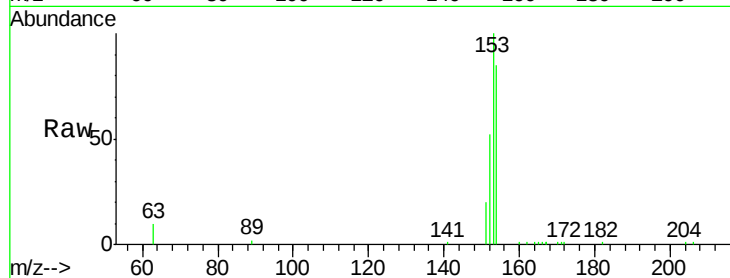
Tot Ion:154 Resp: 12258

Ion Ratio Lower Upper

154 100

153 114.8 89.2 133.8

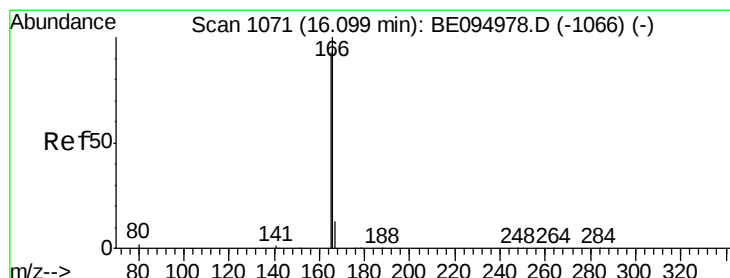
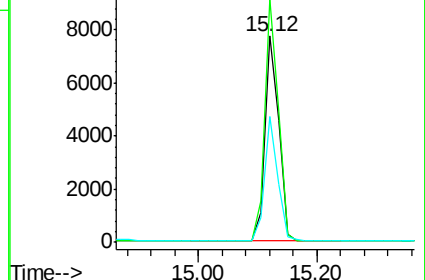
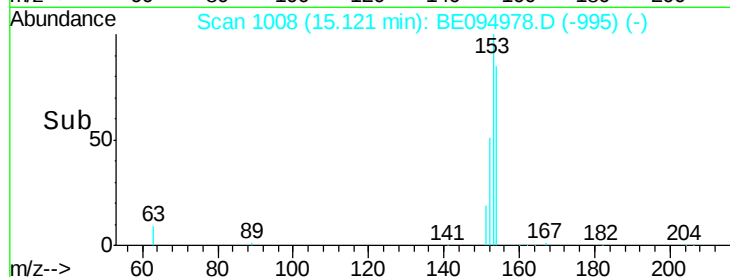
152 57.9 42.0 63.0



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: 0.371 ng

RT: 16.10 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

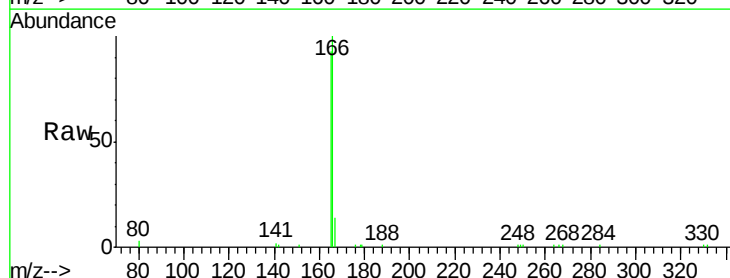
Tgt Ion:166 Resp: 15010

Ion Ratio Lower Upper

166 100

165 100.3 77.8 116.6

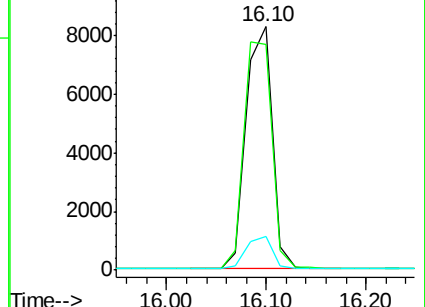
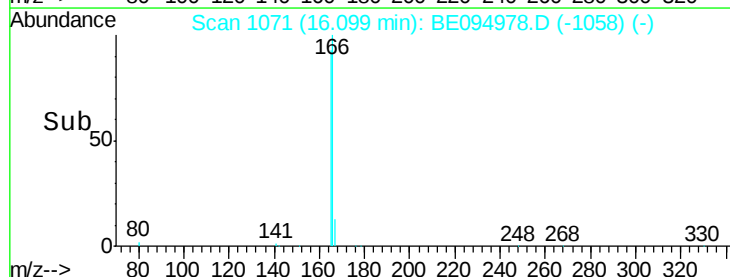
167 13.6 42.4 63.6#

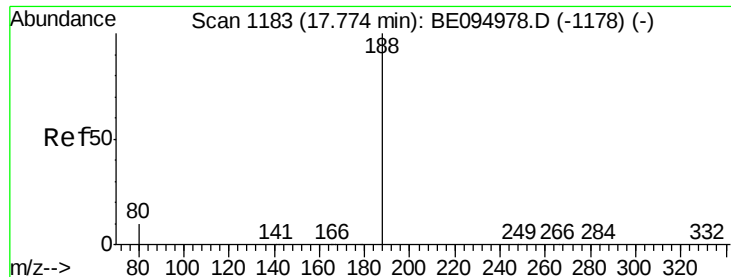


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.77 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

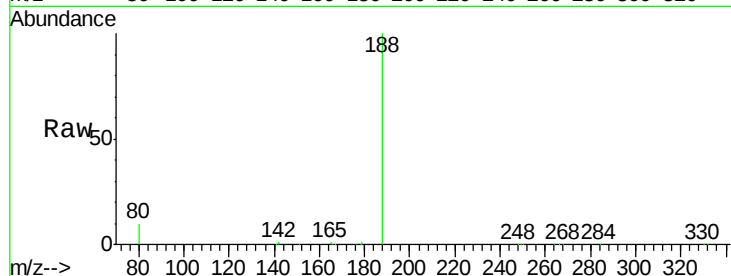
Tot Ion:188 Resp: 20597

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

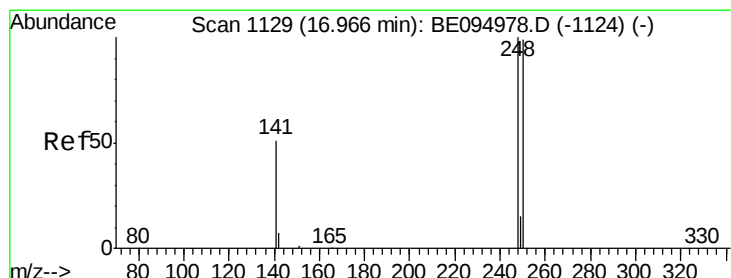
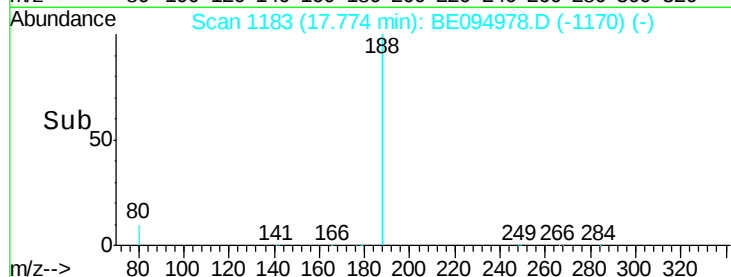
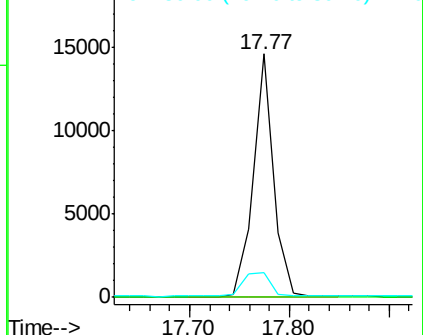
80 10.1 3.6 5.4#



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: 0.405 ng

RT: 16.97 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

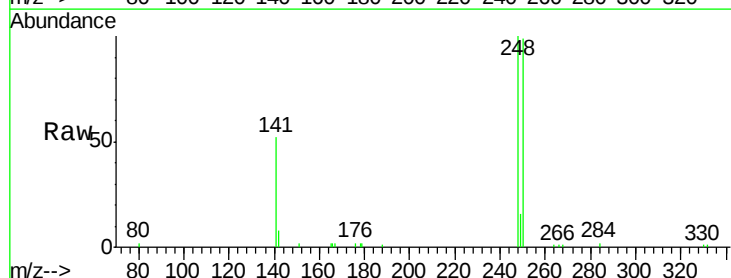
Tgt Ion:248 Resp: 4659

Ion Ratio Lower Upper

248 100

250 98.8 62.7 94.1#

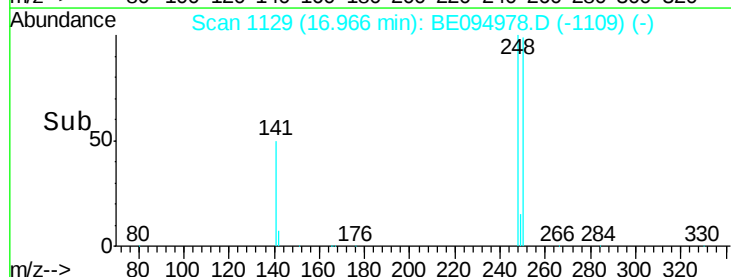
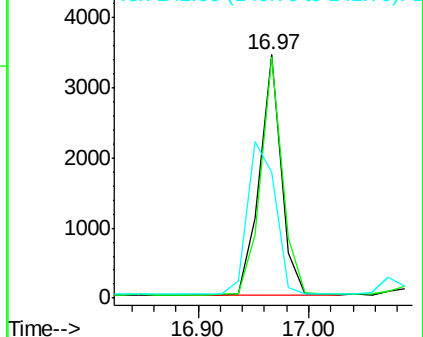
141 51.5 48.2 72.2

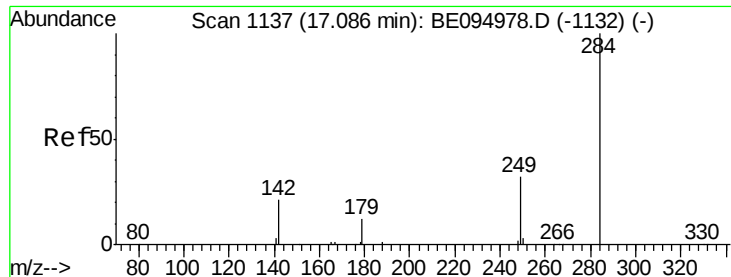


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.433 ng

RT: 17.09 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

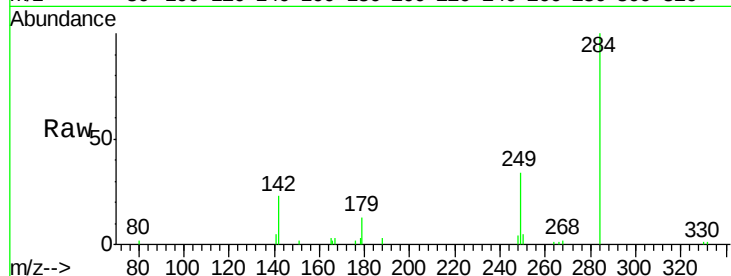
Tot Ion:284 Resp: 4849

Ion Ratio Lower Upper

284 100

142 40.0 22.1 33.1#

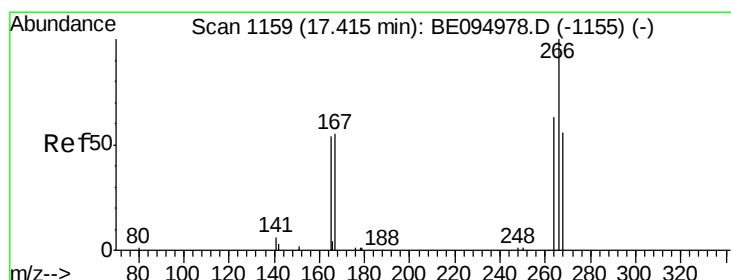
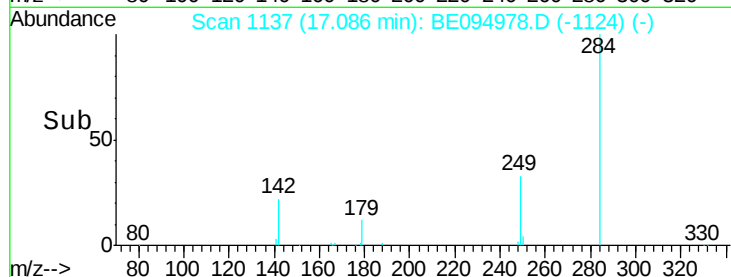
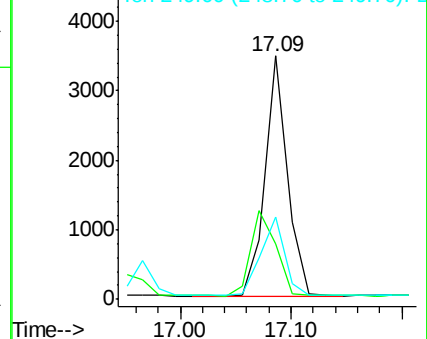
249 34.4 34.8 52.2#



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: 0.328 ng

RT: 17.42 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

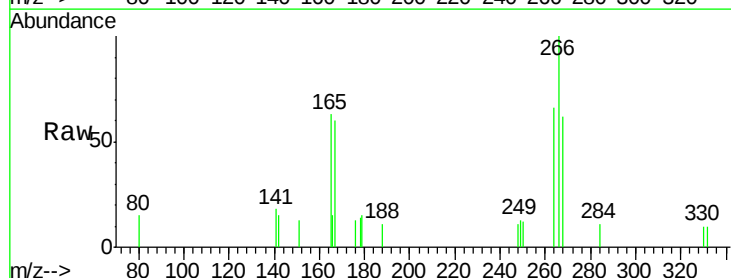
Tgt Ion:266 Resp: 907

Ion Ratio Lower Upper

266 100

264 66.5 72.5 108.7#

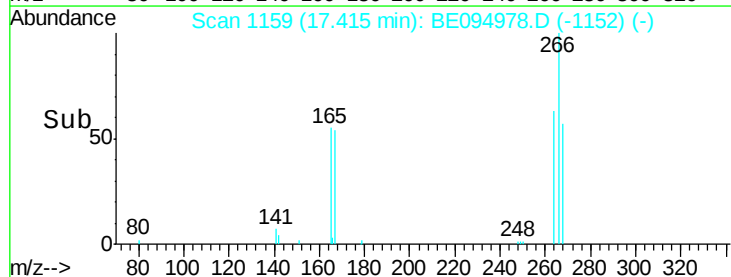
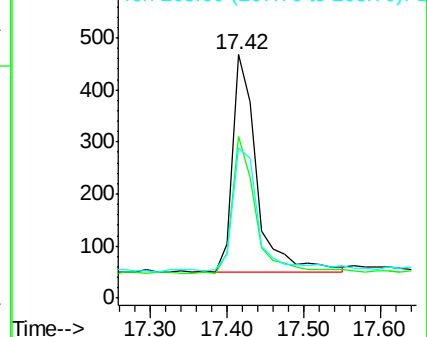
268 61.8 73.8 110.6#

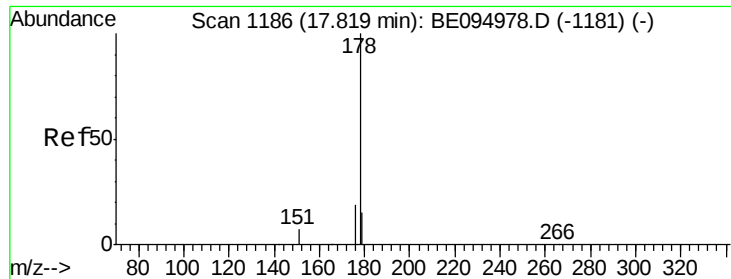


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.379 ng

RT: 17.82 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

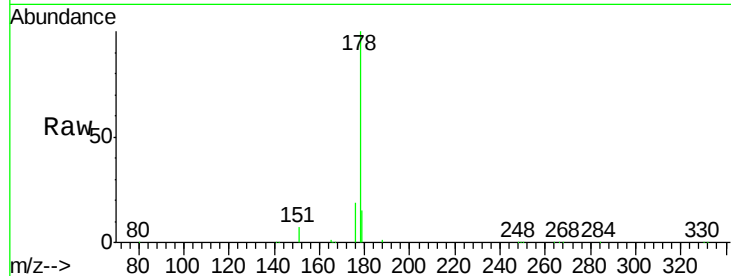
Tot Ion:178 Resp: 24877

Ion Ratio Lower Upper

178 100

176 20.1 15.1 22.7

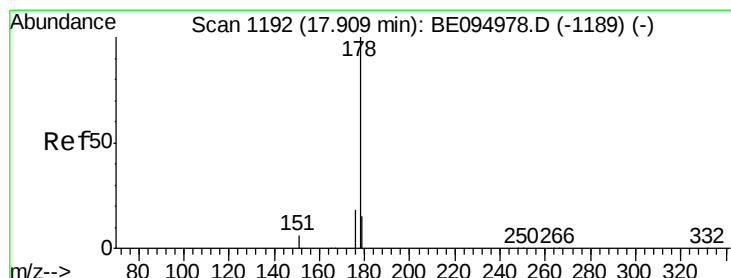
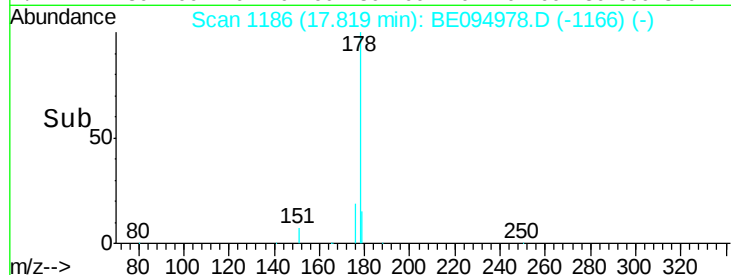
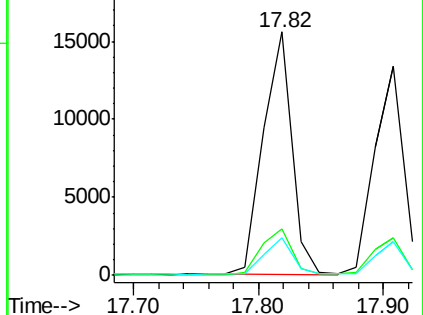
179 15.4 11.8 17.6



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: 0.357 ng

RT: 17.91 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

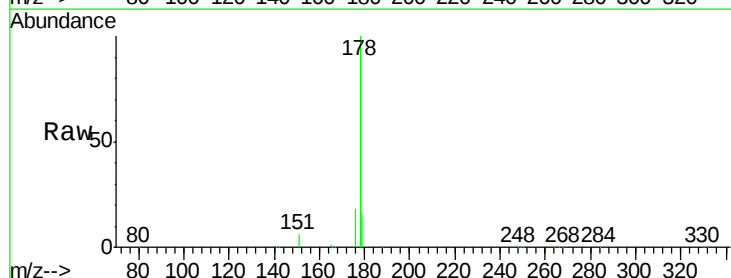
Tgt Ion:178 Resp: 24817

Ion Ratio Lower Upper

178 100

176 20.2 12.8 19.2#

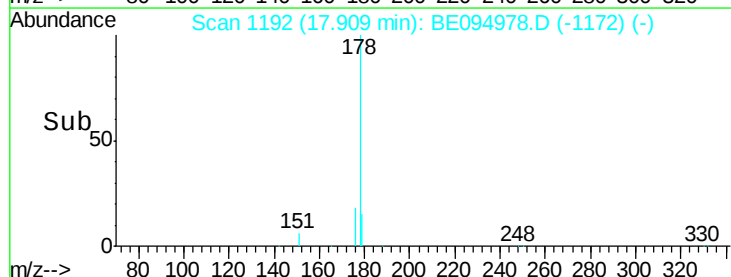
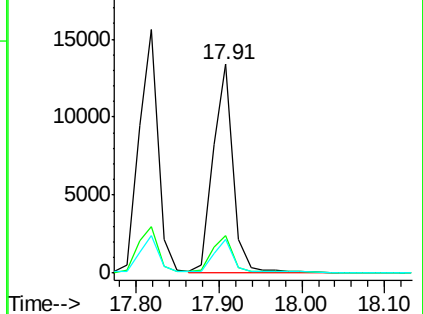
179 17.4 13.0 19.6

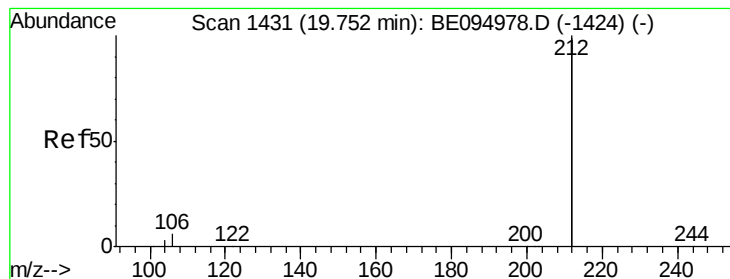


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.362 ng

RT: 19.75 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

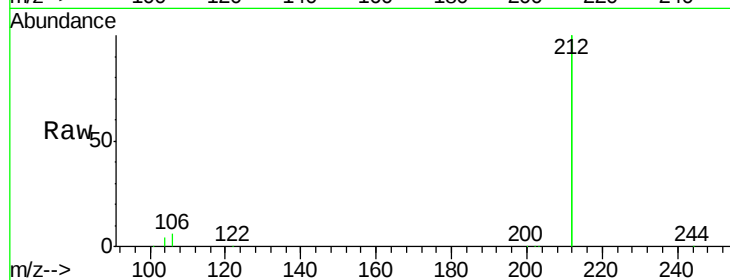
Tot Ion:212 Resp: 101882

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

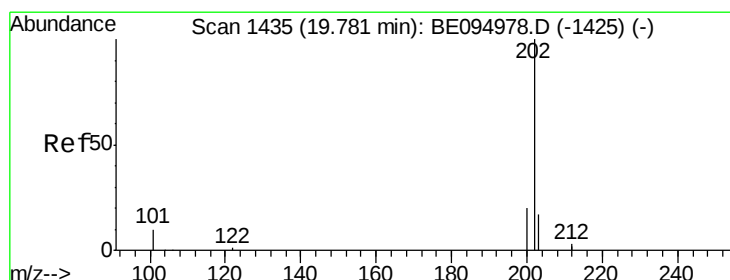
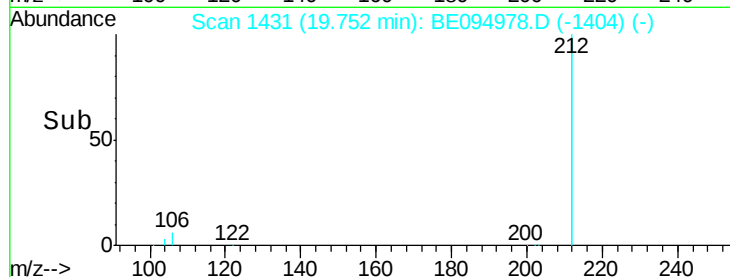
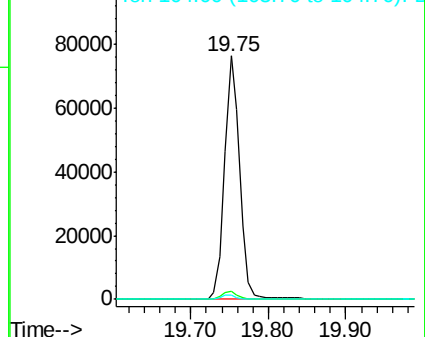
104 1.9 1.6 2.4



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: 0.362 ng

RT: 19.78 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

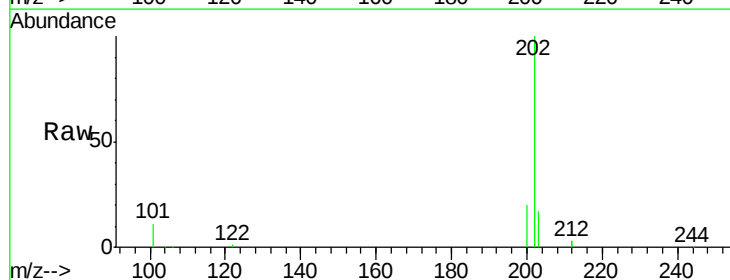
Tgt Ion:202 Resp: 30580

Ion Ratio Lower Upper

202 100

101 11.4 9.8 14.8

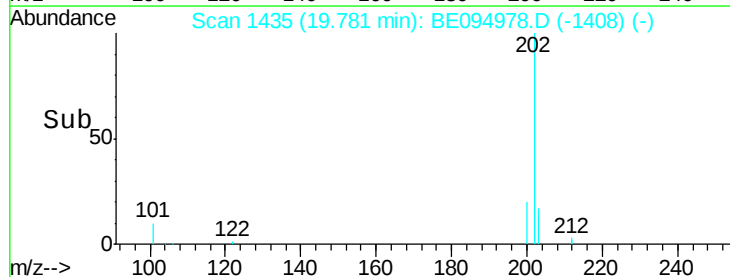
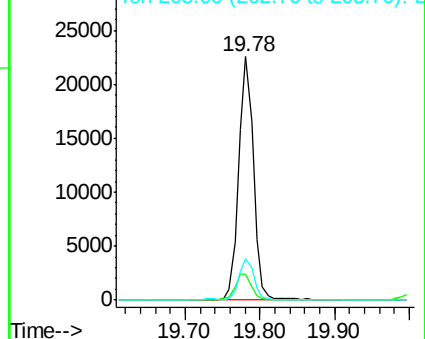
203 16.8 13.7 20.5

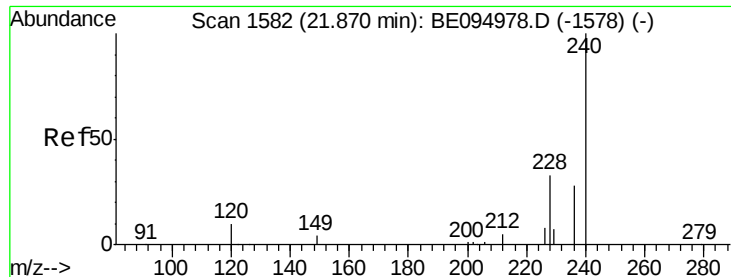


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

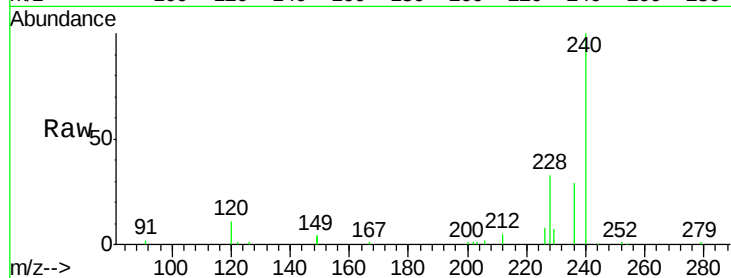
Tot Ion:240 Resp: 22789

Ion Ratio Lower Upper

240 100

120 10.6 5.5 8.3#

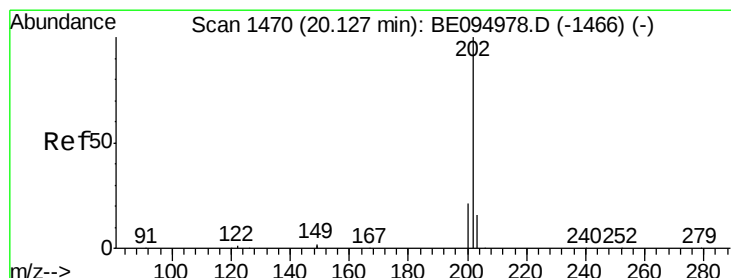
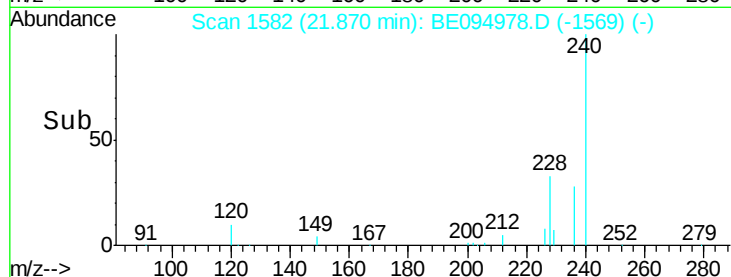
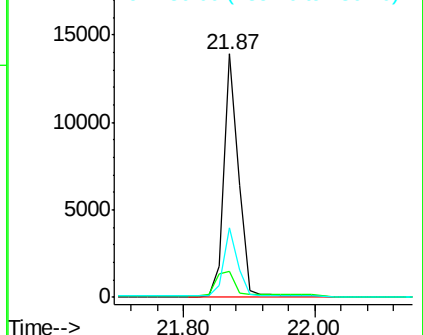
236 28.6 20.7 31.1



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: 0.405 ng

RT: 20.13 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

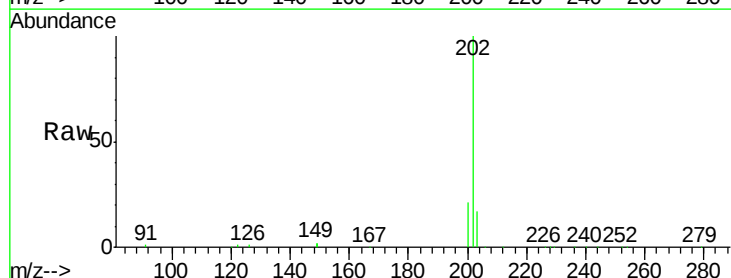
Tgt Ion:202 Resp: 31859

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

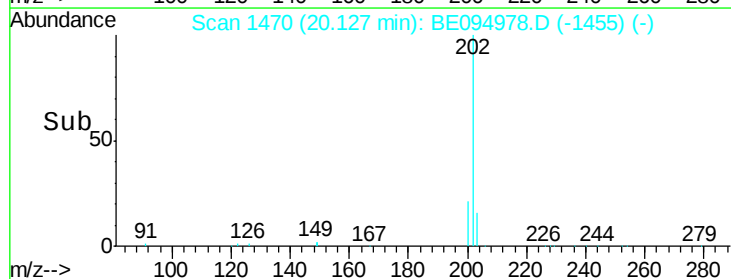
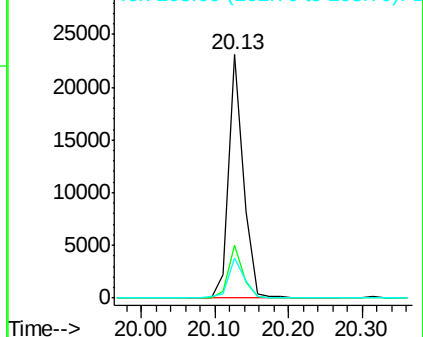
203 18.8 13.8 20.8

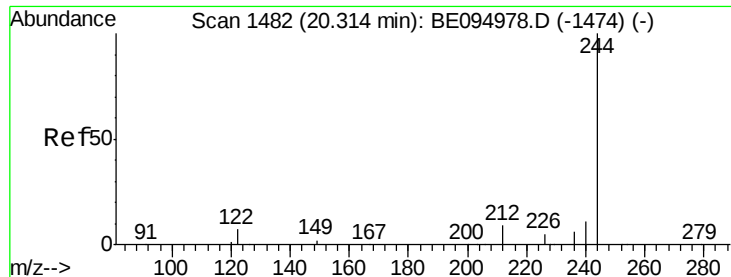


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.410 ng

RT: 20.31 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

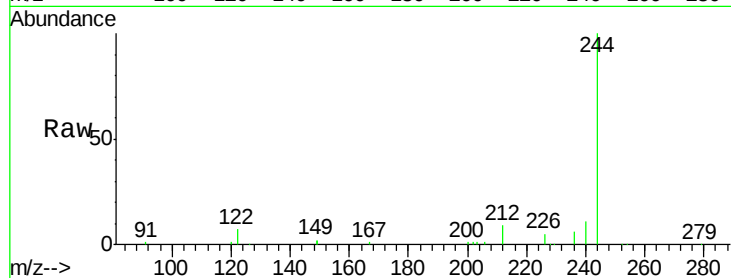
Tot Ion:244 Resp: 17256

Ion Ratio Lower Upper

244 100

212 9.3 25.4 38.0#

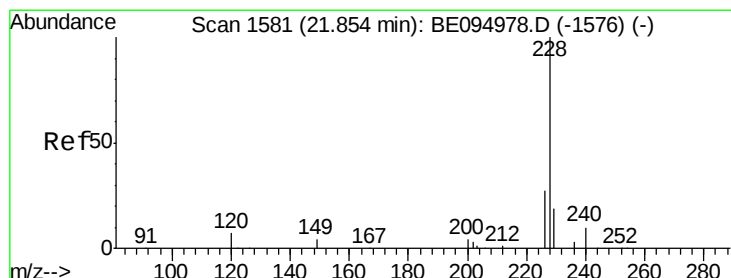
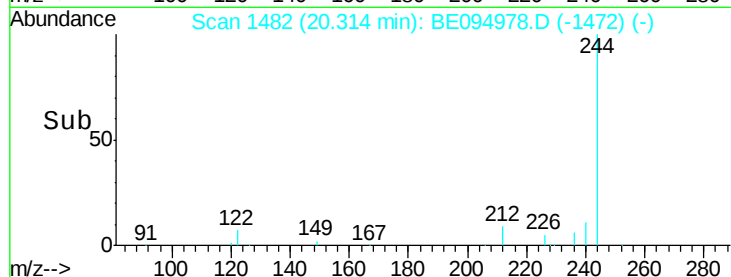
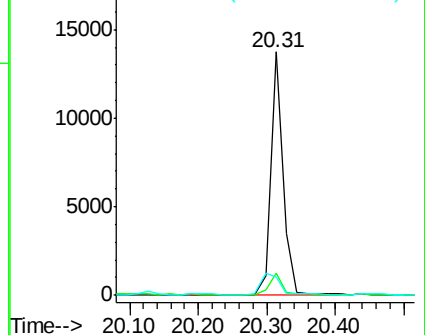
122 7.4 8.1 12.1#



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: 0.375 ng

RT: 21.85 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

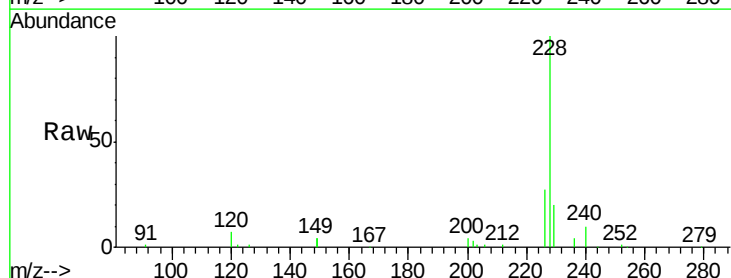
Tgt Ion:228 Resp: 26205

Ion Ratio Lower Upper

228 100

226 27.3 40.0 60.0#

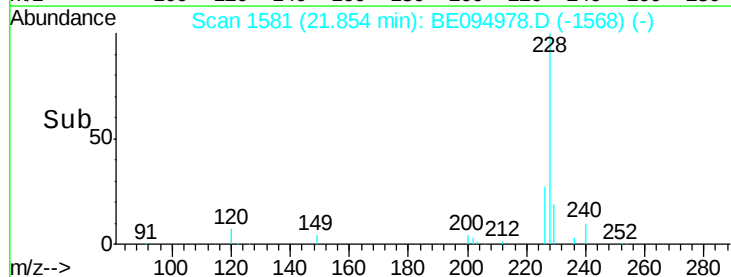
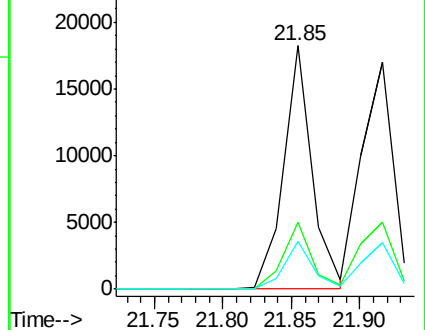
229 19.5 40.0 60.0#

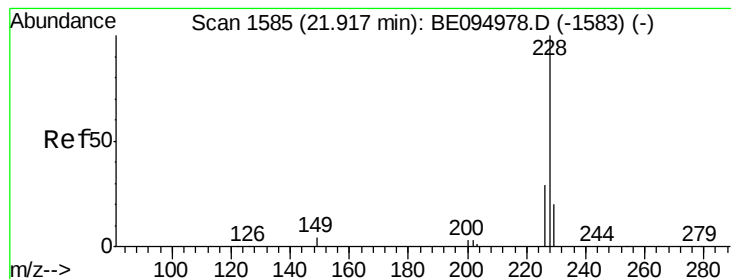


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.388 ng

RT: 21.92 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

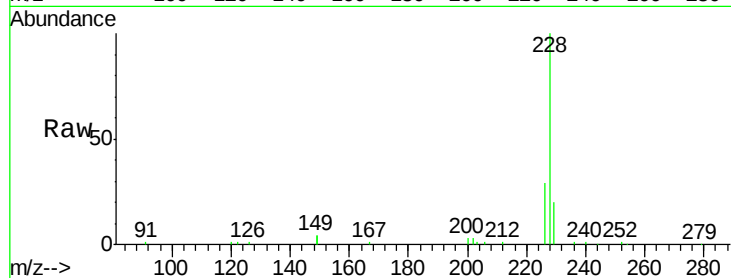
Tot Ion:228 Resp: 29952

Ion Ratio Lower Upper

228 100

226 29.3 40.0 60.0#

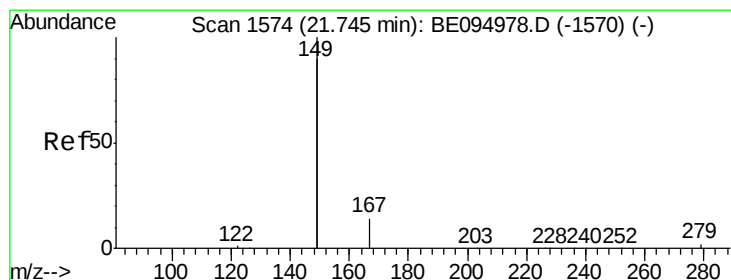
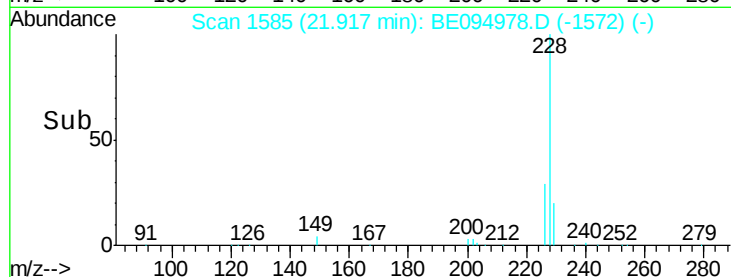
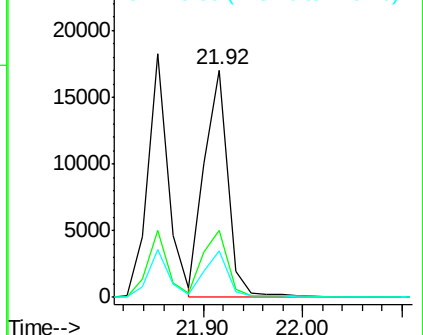
229 20.5 40.0 60.0#



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: 0.261 ng

RT: 21.75 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

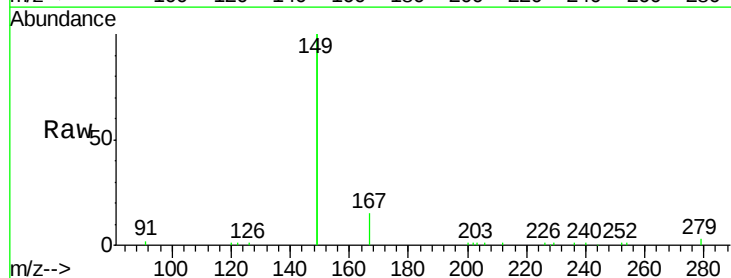
Tgt Ion:149 Resp: 30279

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

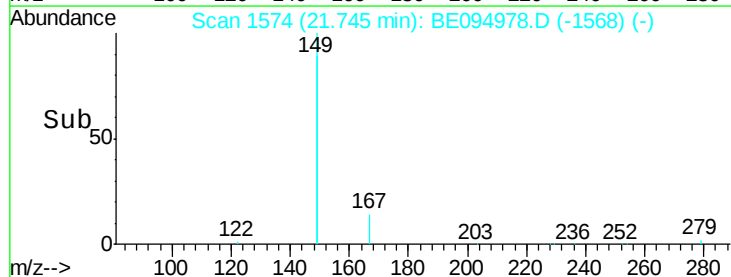
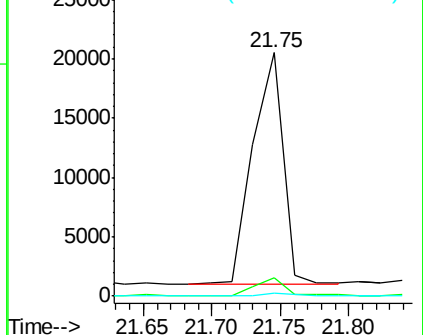
279 0.9 0.7 1.1

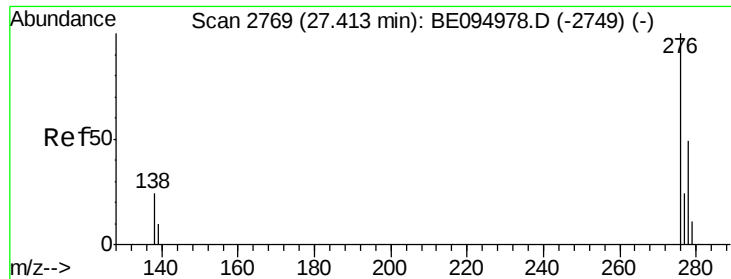


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.392 ng

RT: 27.41 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

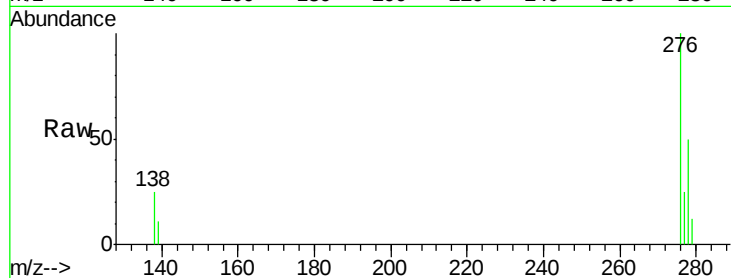
Tot Ion:276 Resp: 24795

Ion Ratio Lower Upper

276 100

138 27.4 22.5 33.7

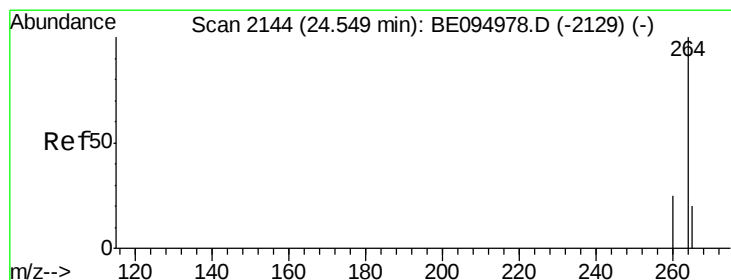
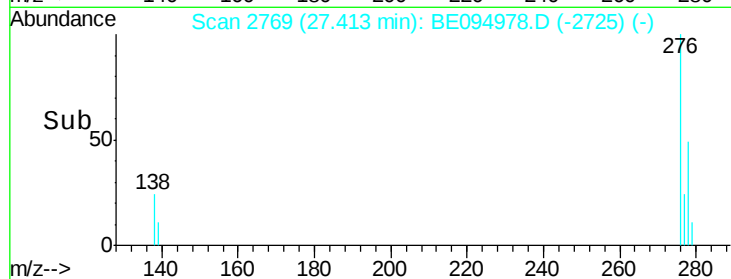
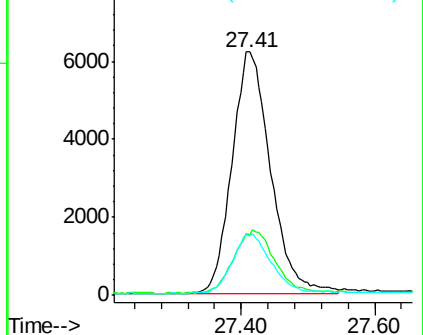
277 24.7 19.9 29.9



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: 24.55 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

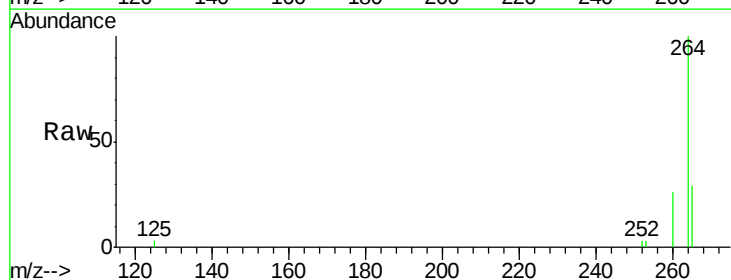
Tgt Ion:264 Resp: 17799

Ion Ratio Lower Upper

264 100

260 25.9 20.5 30.7

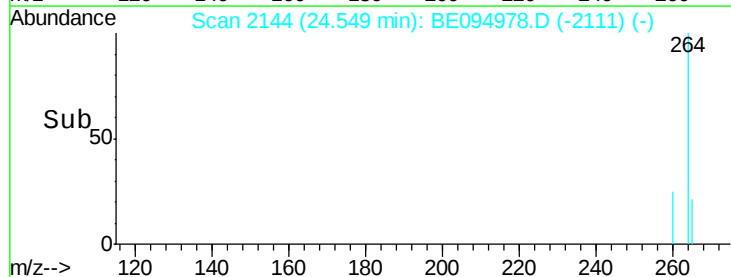
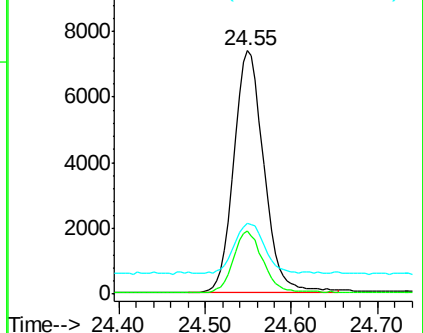
265 29.1 22.8 34.2

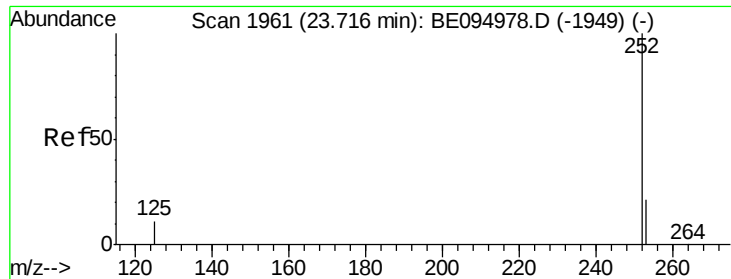


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.404 ng

RT: 23.72 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

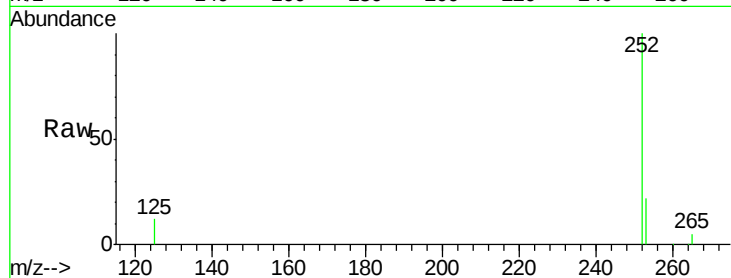
Tot Ion:252 Resp: 26228

Ion Ratio Lower Upper

252 100

253 22.0 20.0 30.0

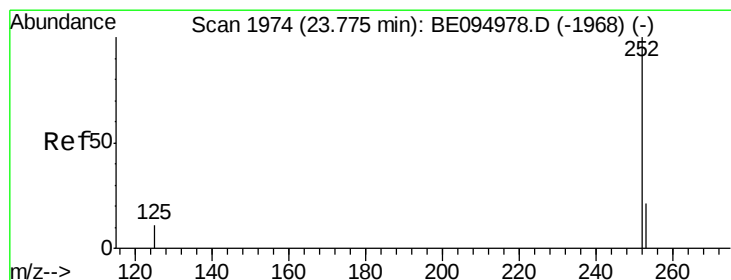
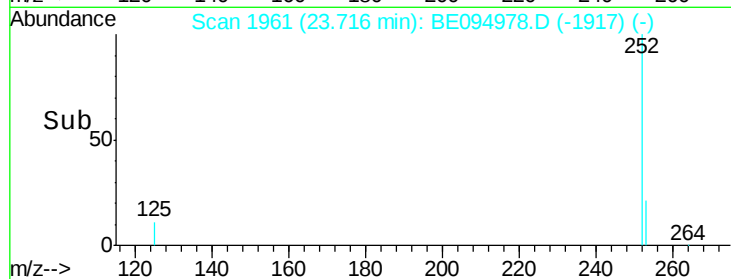
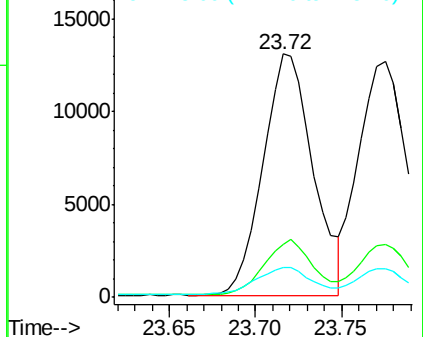
125 12.3 16.0 24.0#



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: 0.380 ng

RT: 23.78 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

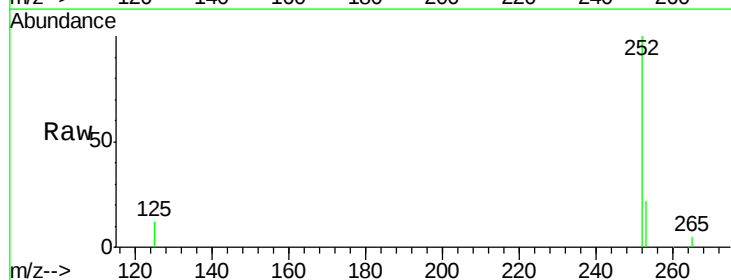
Tgt Ion:252 Resp: 25171

Ion Ratio Lower Upper

252 100

253 22.3 16.0 24.0

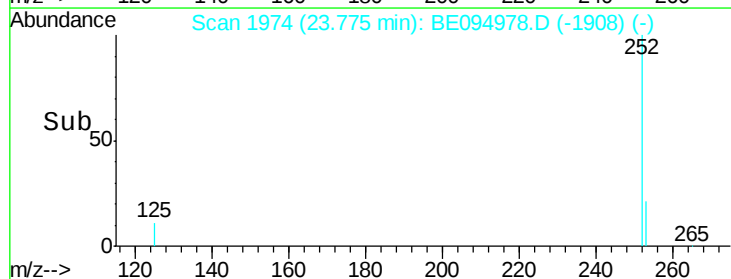
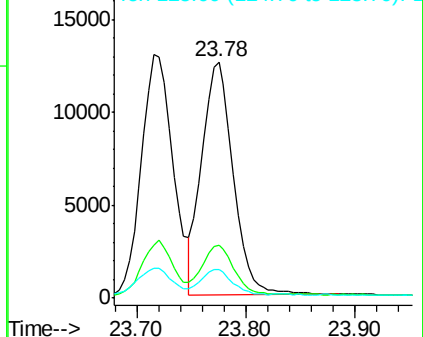
125 12.3 8.0 12.0#

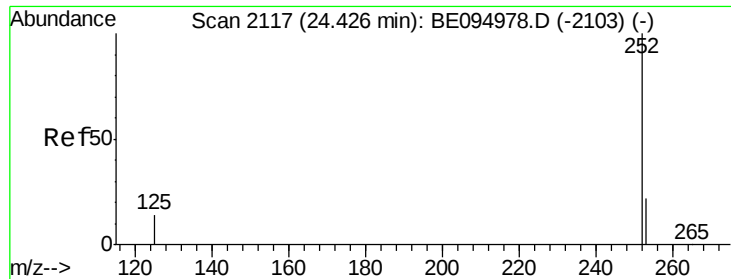


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.405 ng

RT: 24.43 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

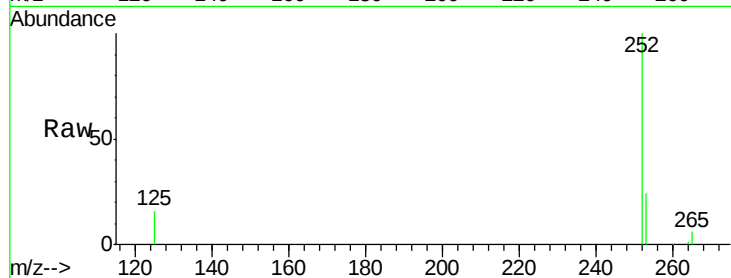
Tot Ion:252 Resp: 23051

Ion Ratio Lower Upper

252 100

253 23.8 16.0 24.0

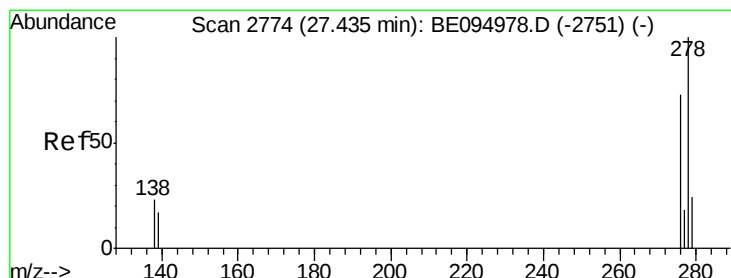
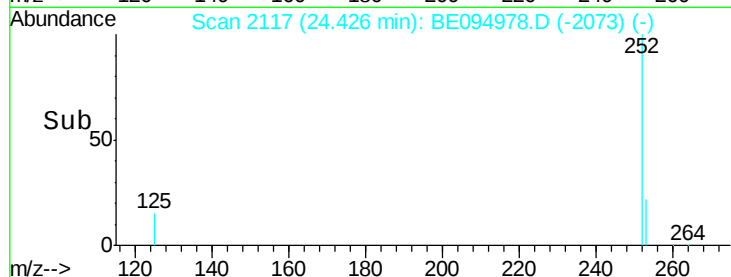
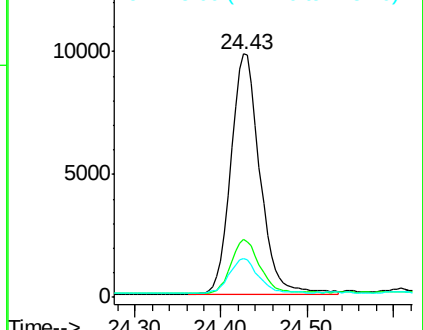
125 16.0 12.0 18.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.404 ng

RT: 27.44 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

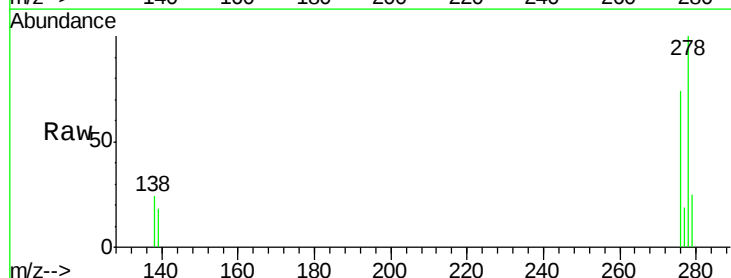
Tgt Ion:278 Resp: 21237

Ion Ratio Lower Upper

278 100

139 17.7 16.0 24.0

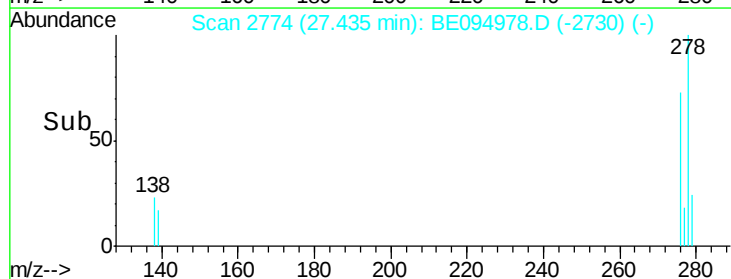
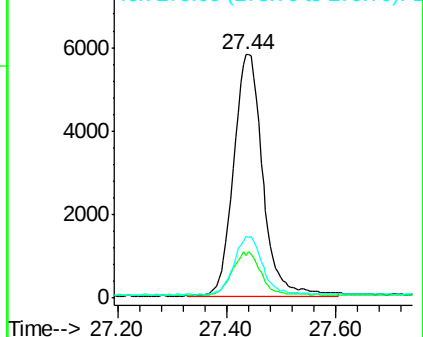
279 25.2 20.0 30.0

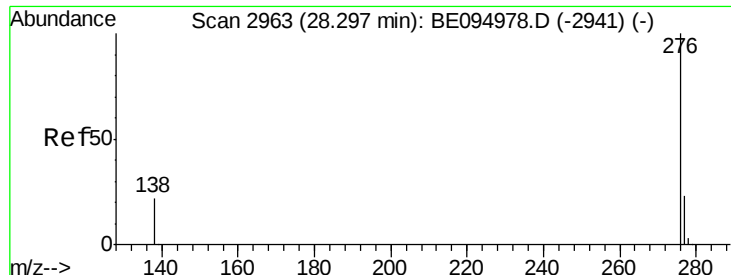


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.399 ng

RT: 28.30 min Scan# 2963

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

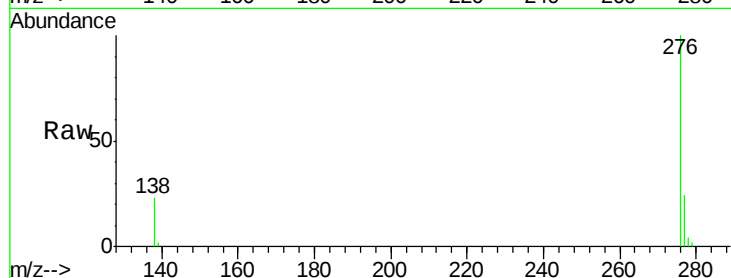
Tot Ion: 276 Resp: 20960

Ion Ratio Lower Upper

276 100

277 23.9 16.0 24.0

138 23.1 20.0 30.0



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

