

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120817\
 Data File : BE094964.D
 Acq On : 9 Dec 2017 00:24
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Dec 09 02:58:37 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 13:33:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	6269	0.40	ng	-0.01
7) Naphthalene-d8	11.33	136	15009	0.40	ng	0.00
13) Acenaphthene-d10	15.08	164	8693	0.40	ng	0.00
19) Phenanthrene-d10	17.79	188	21570	0.40	ng	0.01
27) Chrysene-d12	21.89	240	22846	0.40	ng	0.00
34) Perylene-d12	24.56	264	17926	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.96	112	4293	0.43	ng	0.00
5) Phenol-d6	7.59	99	6675	0.45	ng	0.00
8) Nitrobenzene-d5	9.67	82	4735	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	12.87	152	9599	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	909	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	14838	0.40	ng	0.00
25) Fluoranthene-d10	19.76	212	106004	0.36	ng	0.00
29) Terphenyl-d14	20.33	244	17168	0.41	ng	0.00

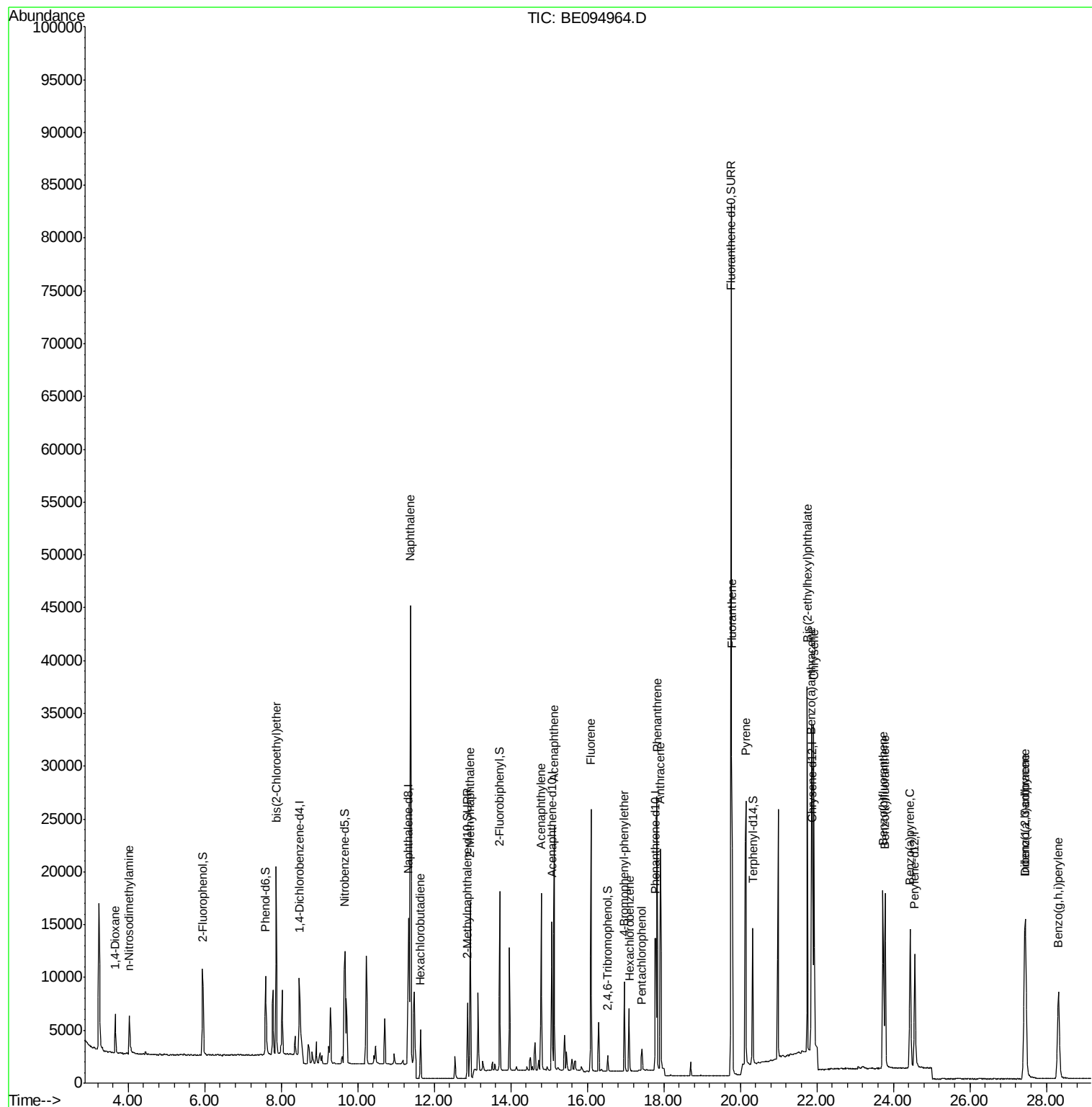
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.67	88	2491	0.380	ng	# 90
3) n-Nitrosodimethylamine	4.02	42	3336	0.399	ng	87
6) bis(2-Chloroethyl)ether	7.87	93	5829	0.400	ng	99
9) Naphthalene	11.38	128	68702	0.390	ng	99
10) Hexachlorobutadiene	11.64	225	3009	0.405	ng	99
12) 2-Methylnaphthalene	12.94	142	17390	0.398	ng	98
16) Acenaphthylene	14.79	152	18246	0.371	ng	99
17) Acenaphthene	15.13	154	12011	0.378	ng	95
18) Fluorene	16.10	166	15592	0.386	ng	# 79
20) 4-Bromophenyl-phenylether	16.97	248	4591	0.382	ng	# 59
21) Hexachlorobenzene	17.10	284	4914	0.419	ng	# 80
22) Pentachlorophenol	17.43	266	1182	0.437	ng	# 70
23) Phenanthrene	17.82	178	26402	0.384	ng	98
24) Anthracene	17.91	178	26748	0.367	ng	# 94
26) Fluoranthene	19.79	202	31755	0.359	ng	99
28) Pyrene	20.14	202	32024	0.406	ng	# 95
30) Benzo(a)anthracene	21.86	228	26542	0.379	ng	# 61
31) Chrysene	21.92	228	29722	0.384	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.75	149	39842	0.343	ng	100
33) Indeno(1,2,3-cd)pyrene	27.43	276	24380	0.385	ng	99
35) Benzo(b)fluoranthene	23.73	252	25258	0.386	ng	# 40
36) Benzo(k)fluoranthene	23.78	252	25318	0.380	ng	# 40
37) Benzo(a)pyrene	24.44	252	22197	0.387	ng	# 34
38) Dibenzo(a,h)anthracene	27.46	278	20605	0.389	ng	# 44
39) Benzo(g,h,i)perylene	28.31	276	20608	0.389	ng	# 53

(#) = 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. -0.01 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

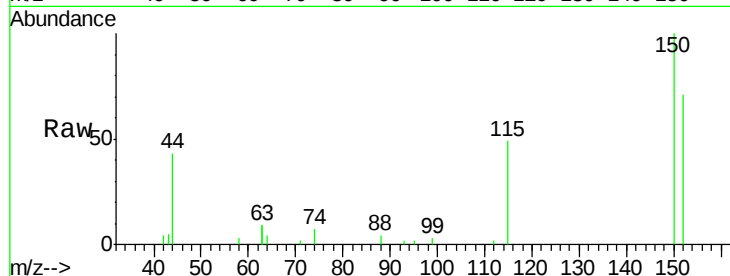
Tot Ion:152 Resp: 6269

Ion Ratio Lower Upper

152 100

150 141.7 117.2 175.8

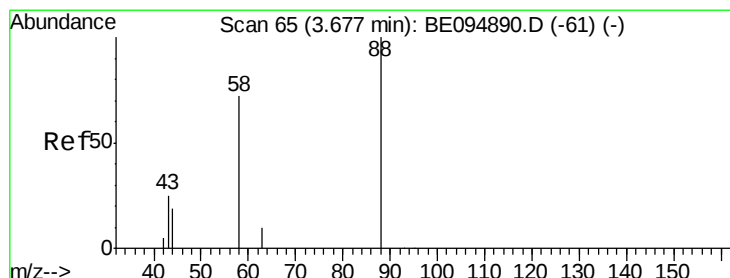
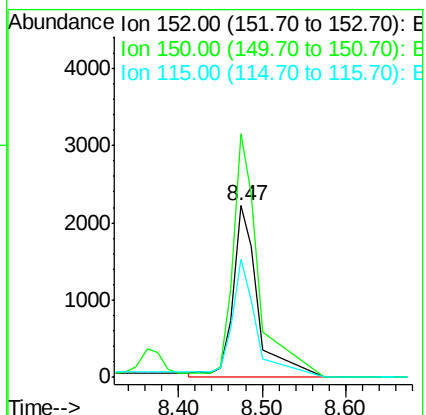
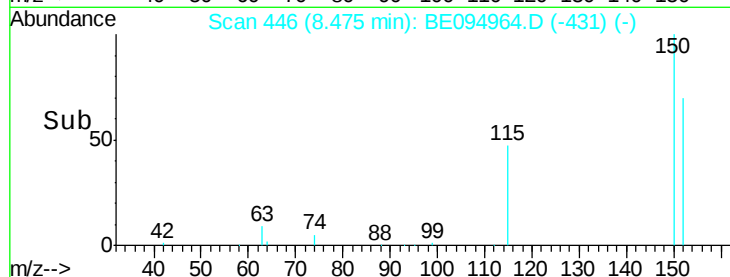
115 69.1 57.0 85.6



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: 0.380 ng

RT: 3.67 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

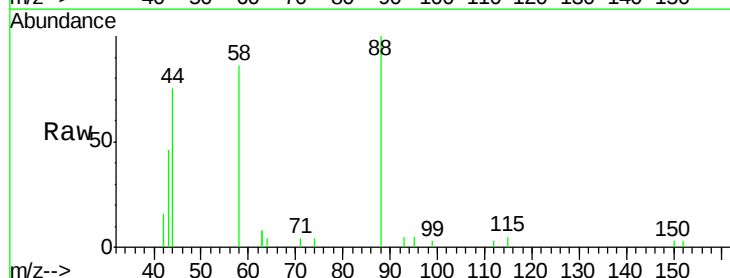
Tgt Ion: 88 Resp: 2491

Ion Ratio Lower Upper

88 100

58 84.2 63.2 94.8

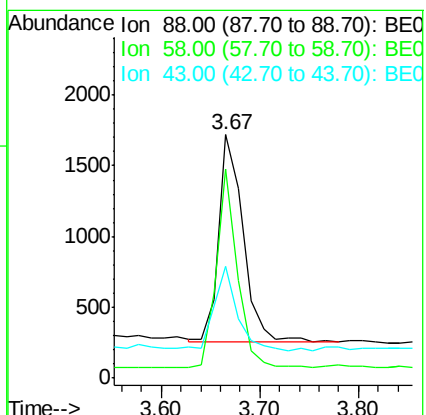
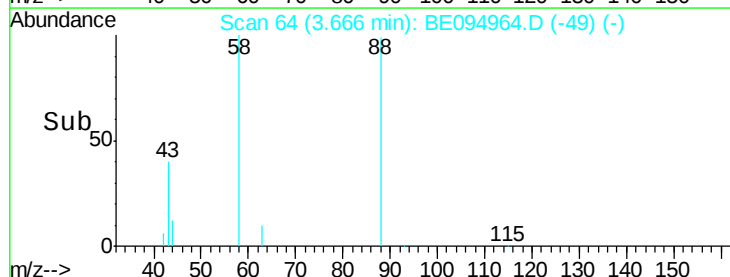
43 39.8 41.2 61.8#

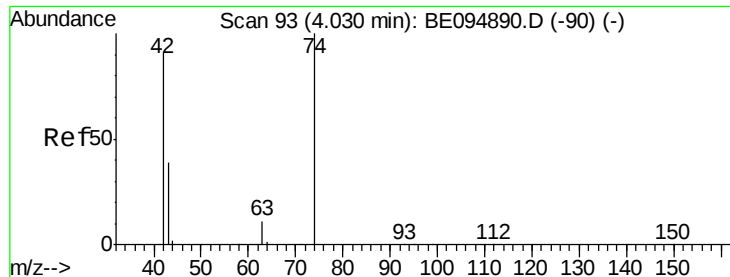


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



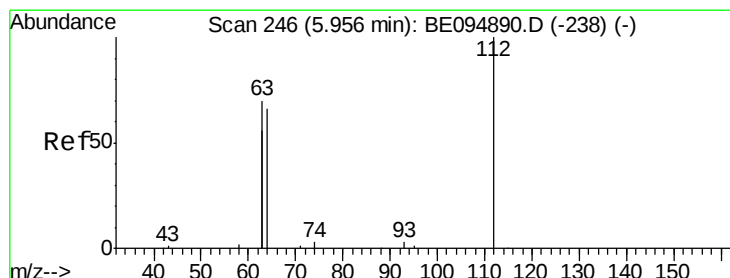
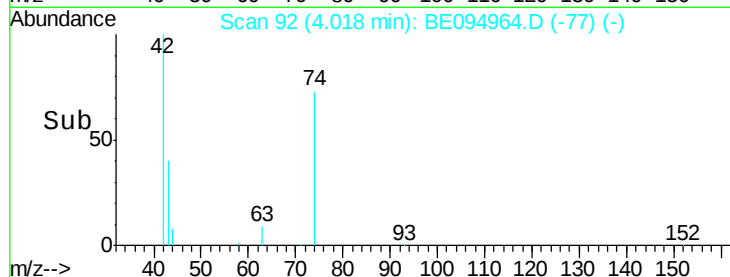
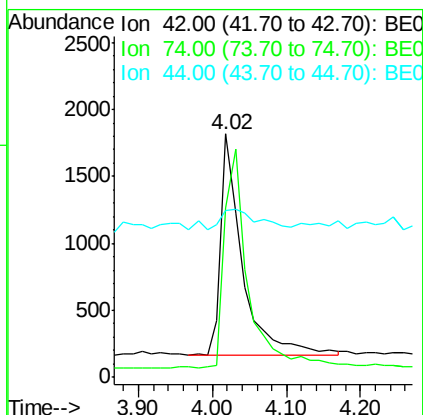
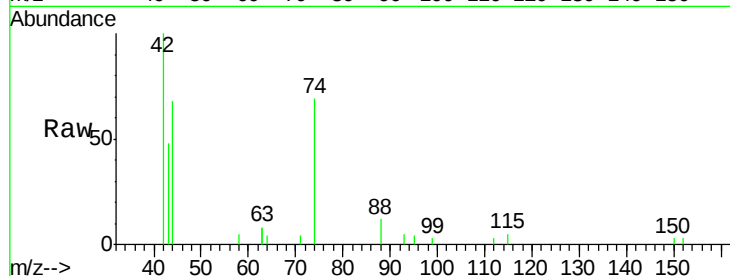


#3

n-Nitrosodimethylamine
 Concen: 0.399 ng
 RT: 4.02 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BE094964.D
 Acq: 9 Dec 2017 00:24

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

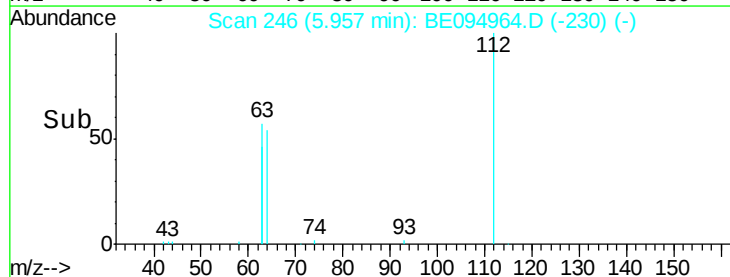
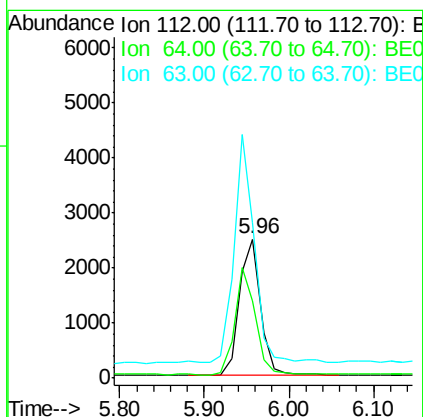
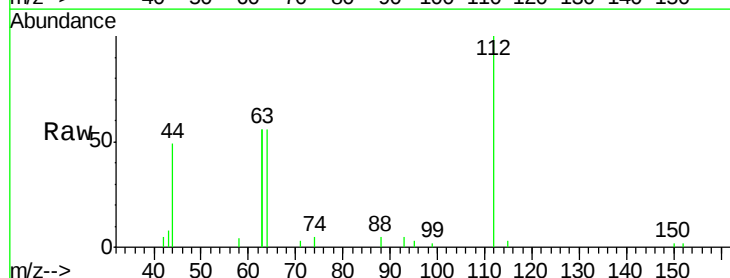
Tot Ion: 42 Resp: 3336
 Ion Ratio Lower Upper
 42 100
 74 109.1 100.3 150.5
 44 18.0 17.0 25.4

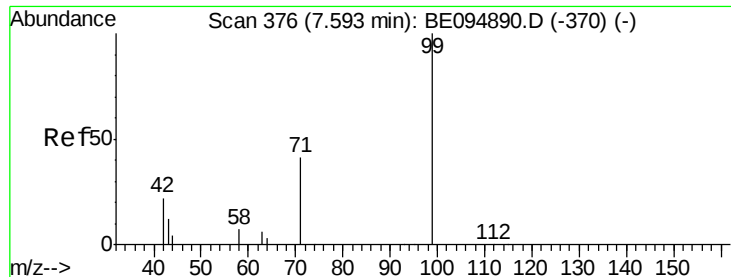


#4

2-Fluorophenol
 Concen: 0.433 ng
 RT: 5.96 min Scan# 246
 Delta R.T. 0.00 min
 Lab File: BE094964.D
 Acq: 9 Dec 2017 00:24

Tgt Ion: 112 Resp: 4293
 Ion Ratio Lower Upper
 112 100
 64 77.1 60.1 90.1
 63 163.8 116.8 175.2





#5

Phenol-d6

Concen: 0.454 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

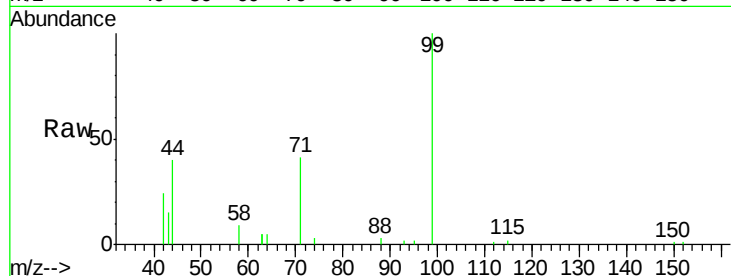
Tot Ion: 99 Resp: 6675

Ion Ratio Lower Upper

99 100

42 25.5 20.2 30.2

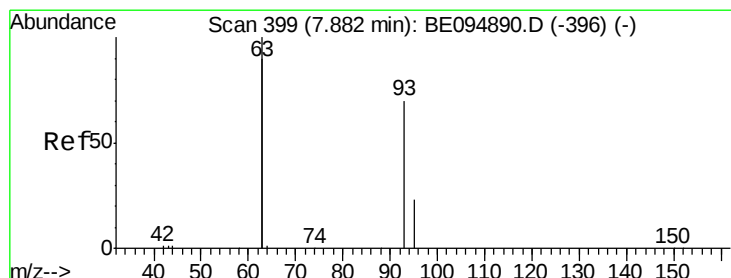
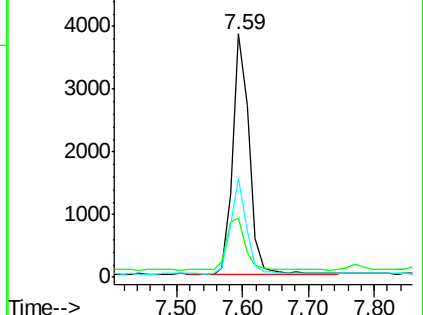
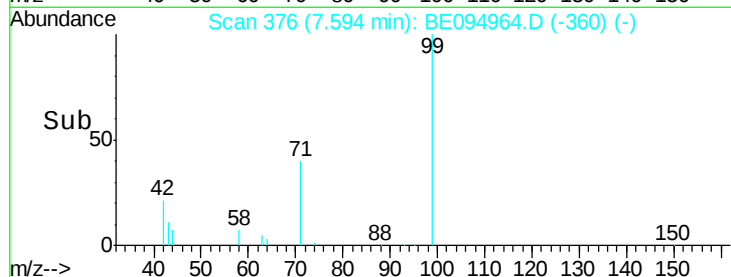
71 37.7 28.4 42.6



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: 0.400 ng

RT: 7.87 min Scan# 398

Delta R.T. -0.01 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

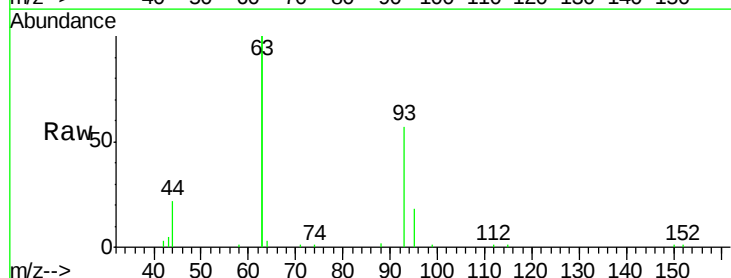
Tgt Ion: 93 Resp: 5829

Ion Ratio Lower Upper

93 100

63 342.2 275.3 412.9

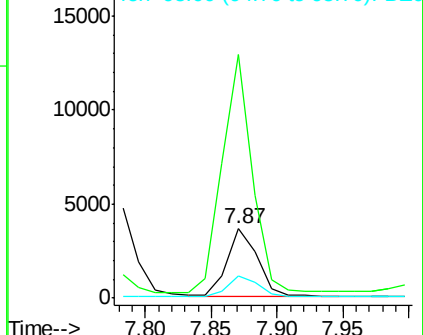
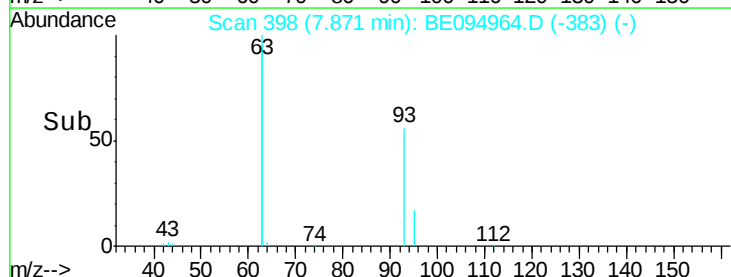
95 32.1 25.2 37.8

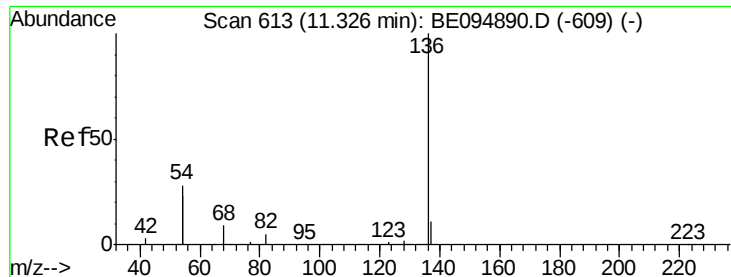


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE094964.D

Acq: 9 Dec 2017 00:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 15009

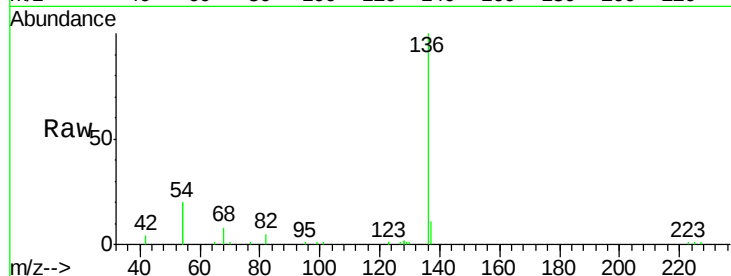
Ion Ratio Lower Upper

136 100

137 10.8 9.5 14.3

54 40.9 29.1 43.7

68 8.1 6.2 9.2

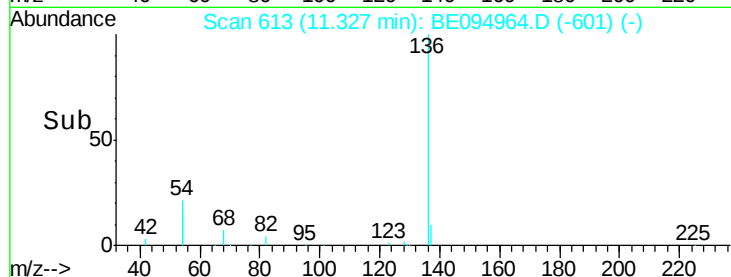


Abundance Ion 136.00 (135.70 to 136.70): E

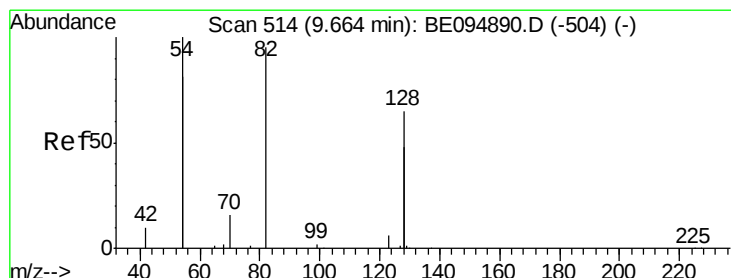
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.533 ng

RT: 9.67 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

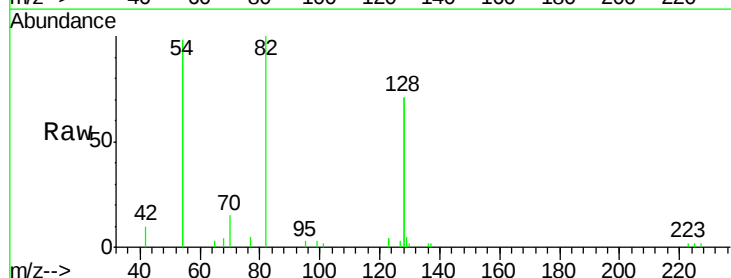
Tgt Ion: 82 Resp: 4735

Ion Ratio Lower Upper

82 100

128 141.8 150.0 225.0#

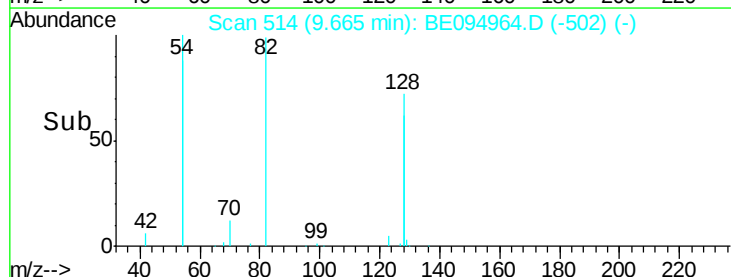
54 196.0 154.2 231.4



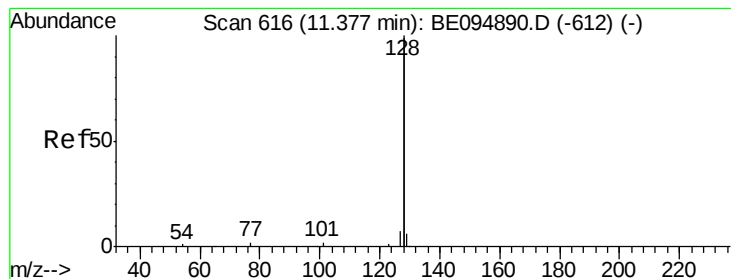
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.390 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

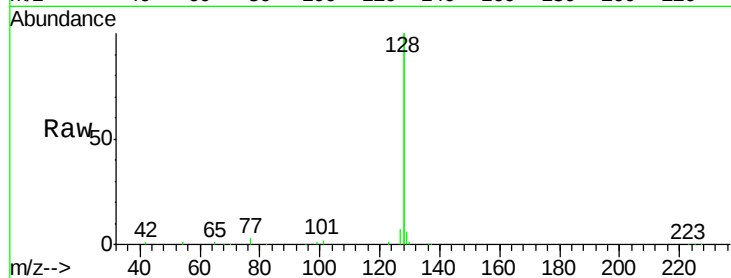
Tot Ion:128 Resp: 68702

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

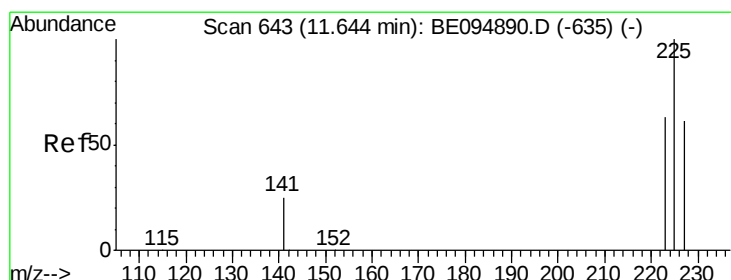
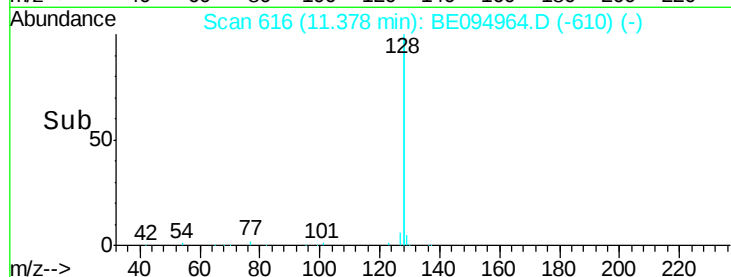
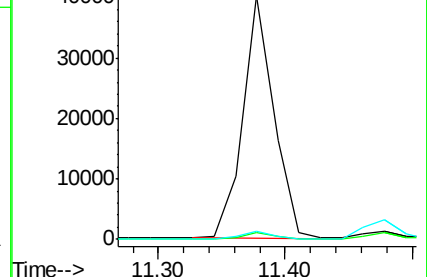
127 3.3 2.8 4.2



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: 0.405 ng

RT: 11.64 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

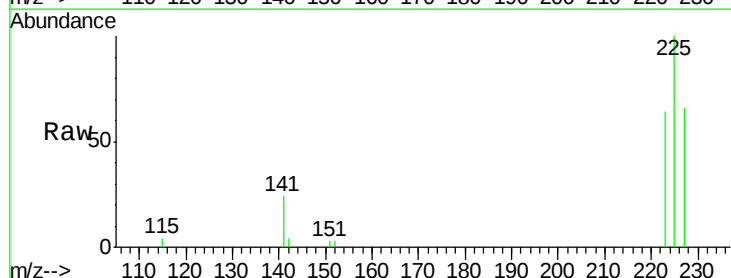
Tgt Ion:225 Resp: 3009

Ion Ratio Lower Upper

225 100

223 64.3 53.0 79.6

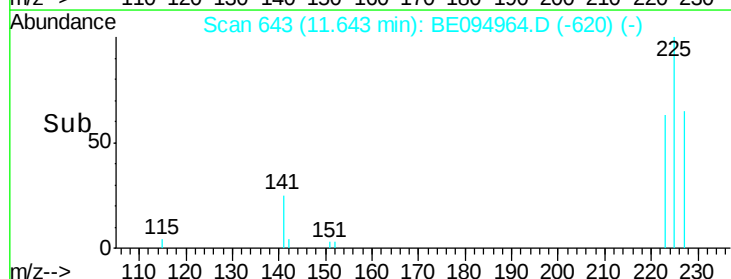
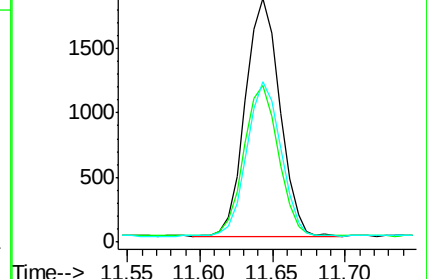
227 64.0 51.4 77.2

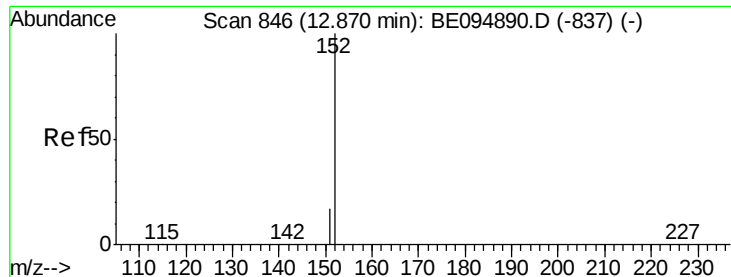


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

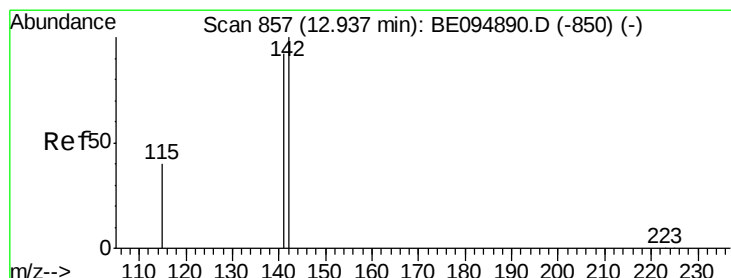
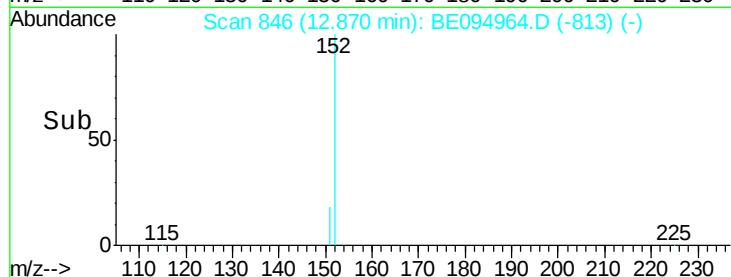
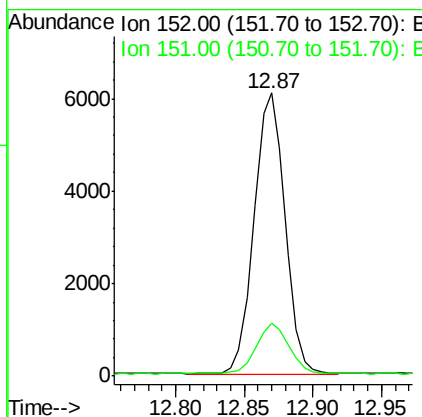
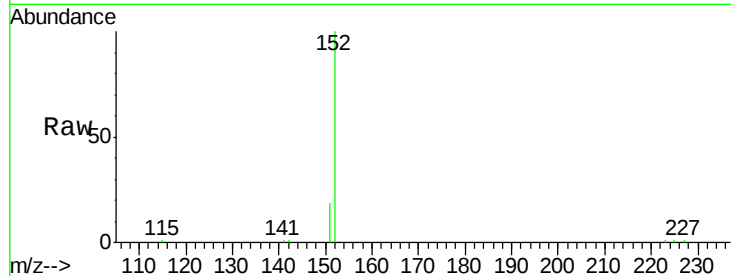




#11
 2-Methylnaphthalene-d10
 Concen: 0.401 ng
 RT: 12.87 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BE094964.D
 Acq: 9 Dec 2017 00:24

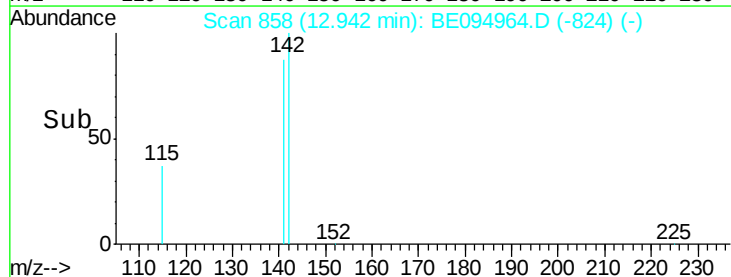
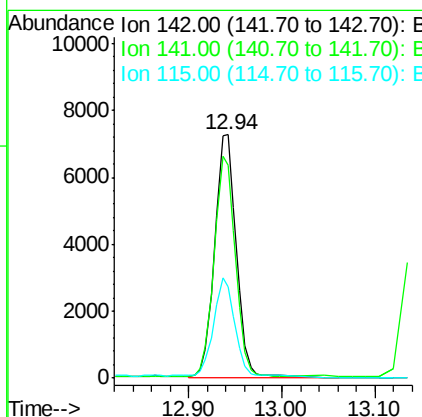
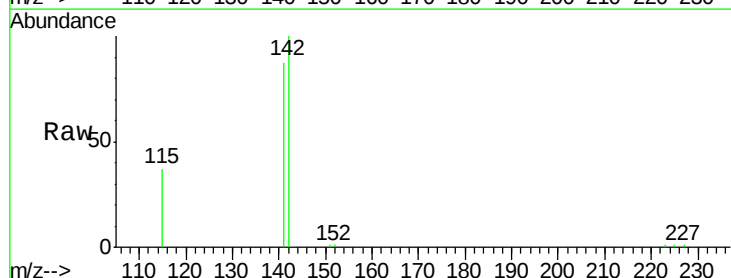
Instrument :
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 SSTDCCC0.4

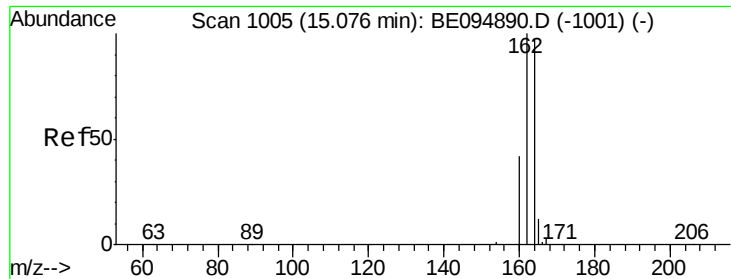
Tot Ion:152 Resp: 9599
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.398 ng
 RT: 12.94 min Scan# 858
 Delta R.T. 0.01 min
 Lab File: BE094964.D
 Acq: 9 Dec 2017 00:24

Tgt Ion:142 Resp: 17390
 Ion Ratio Lower Upper
 142 100
 141 87.5 70.4 105.6
 115 37.3 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.08 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

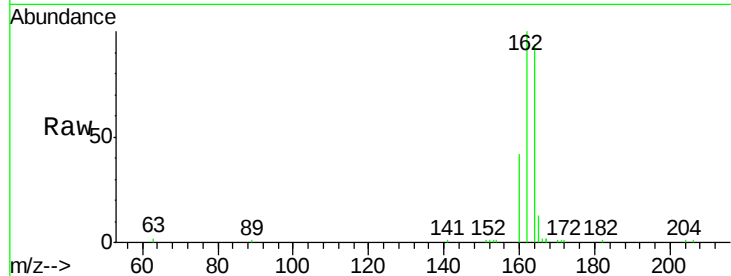
Tot Ion:164 Resp: 8693

Ion Ratio Lower Upper

164 100

162 106.6 83.1 124.7

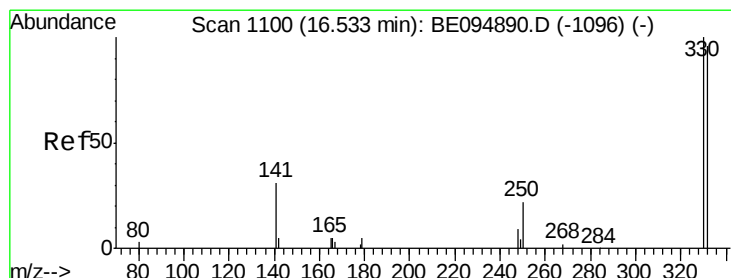
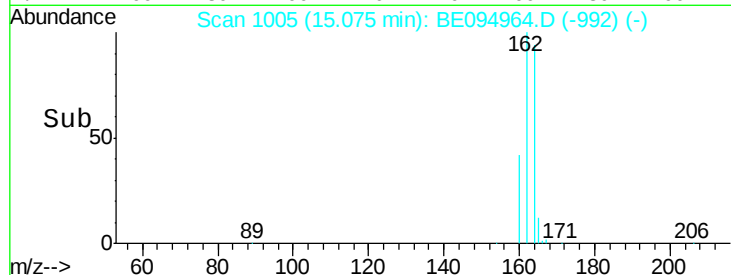
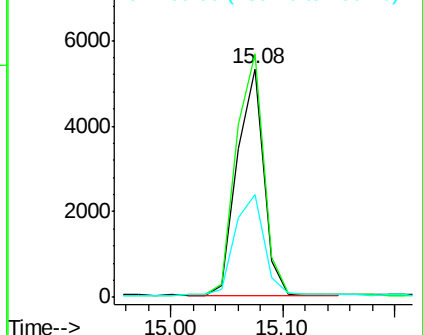
160 45.0 37.1 55.7



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: 0.490 ng

RT: 16.53 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

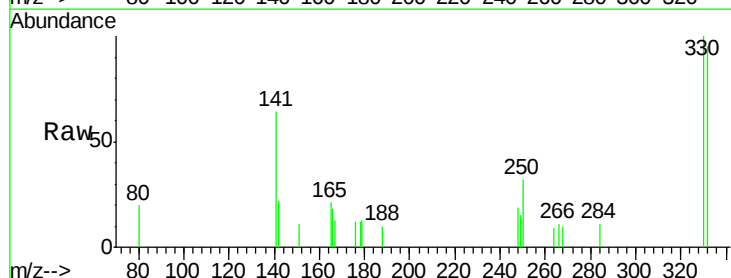
Tgt Ion:330 Resp: 909

Ion Ratio Lower Upper

330 100

332 101.4 152.7 229.1#

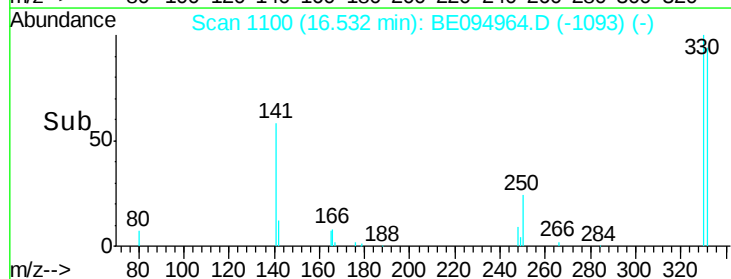
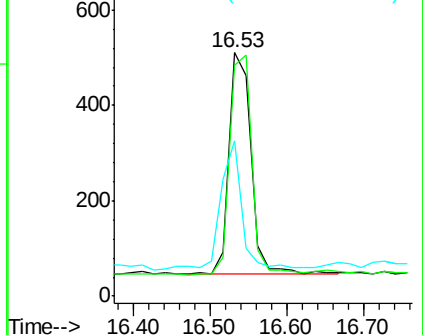
141 53.1 33.7 50.5#

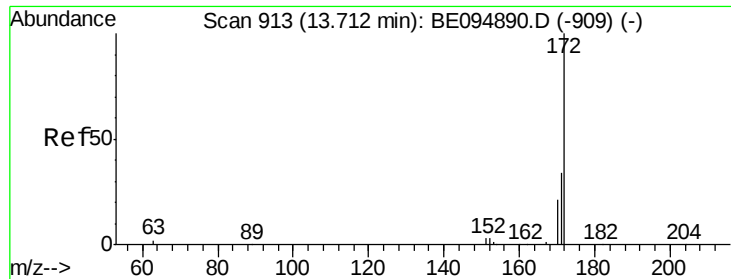


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

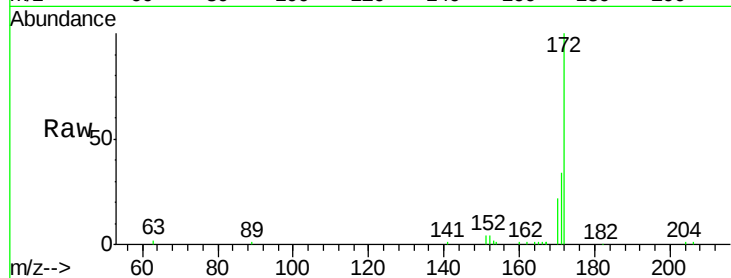




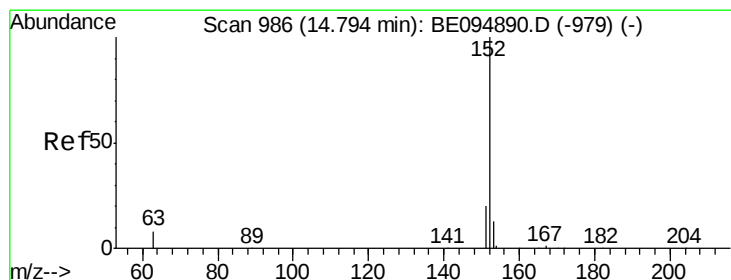
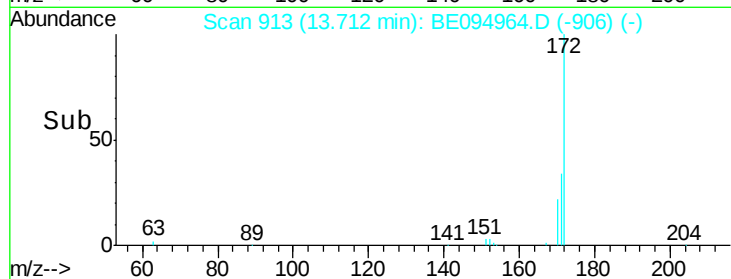
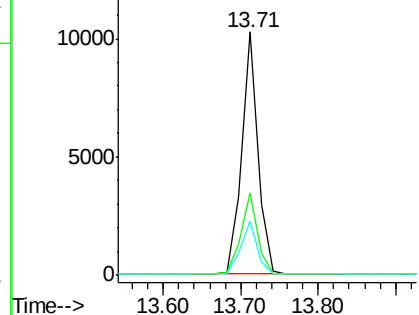
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094964.D
Acq: 9 Dec 2017 00:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 14838
Ion Ratio Lower Upper
172 100
171 34.0 29.9 44.9
170 22.1 21.8 32.8

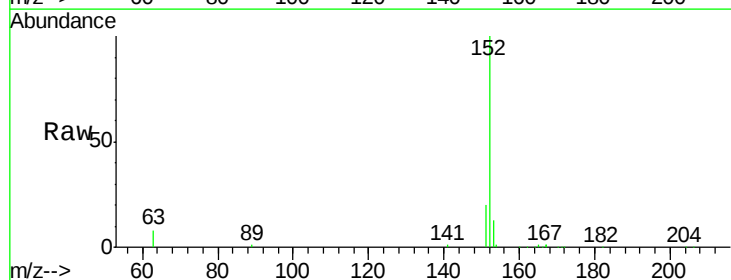


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

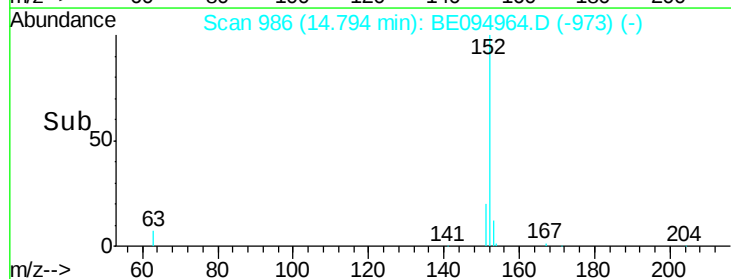
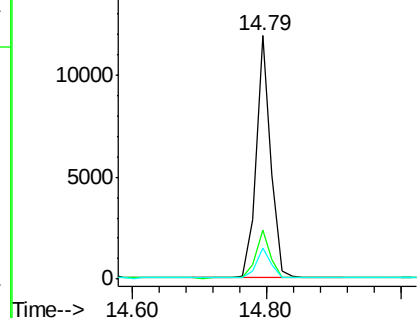


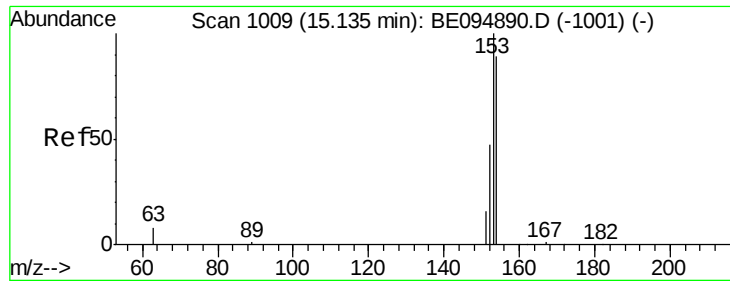
#16
Acenaphthylene
Concen: 0.371 ng
RT: 14.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE094964.D
Acq: 9 Dec 2017 00:24

Tgt Ion:152 Resp: 18246
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.6 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: 0.378 ng

RT: 15.13 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

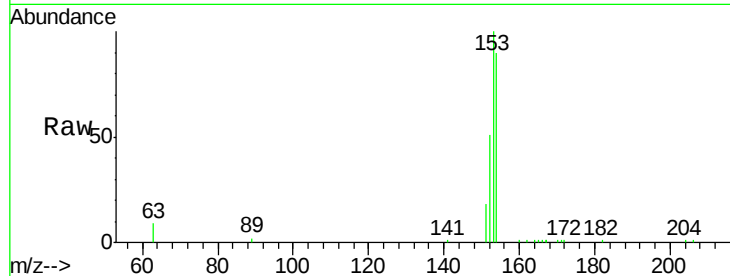
Tot Ion:154 Resp: 12011

Ion Ratio Lower Upper

154 100

153 113.7 89.2 133.8

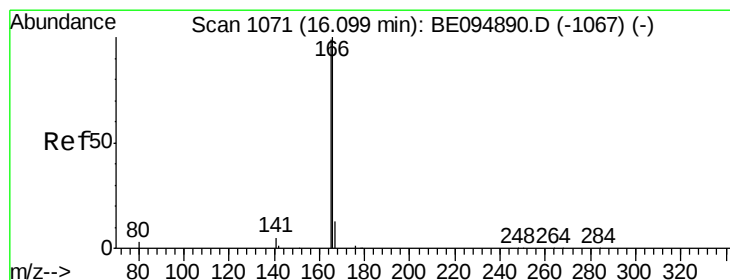
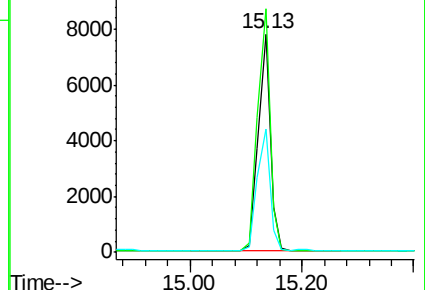
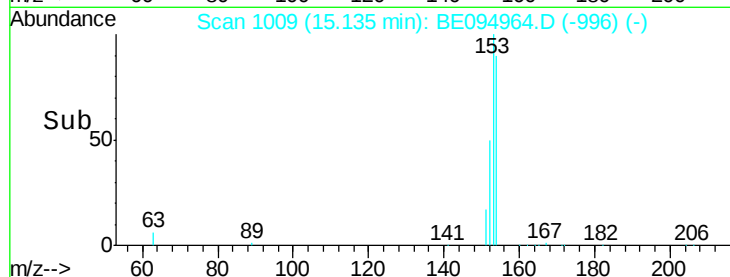
152 59.8 42.0 63.0



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: 0.386 ng

RT: 16.10 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

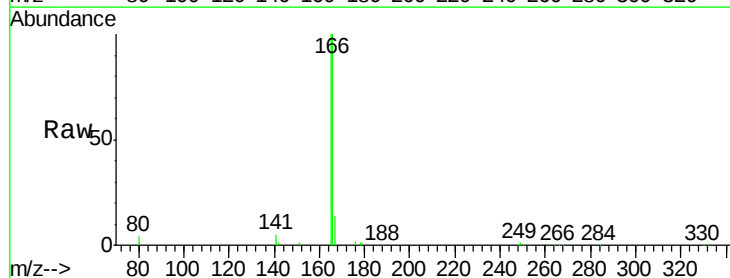
Tgt Ion:166 Resp: 15592

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.6

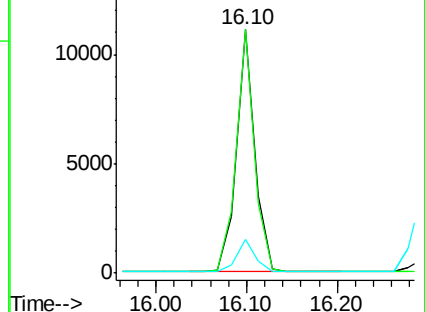
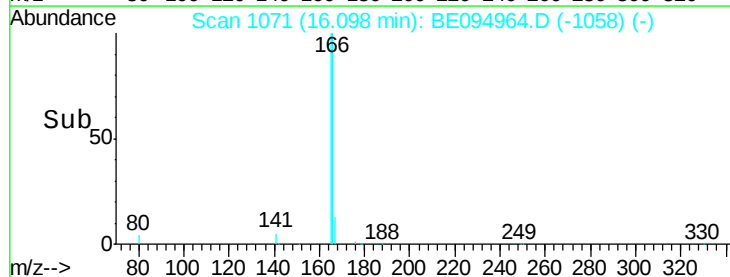
167 13.6 42.4 63.6#

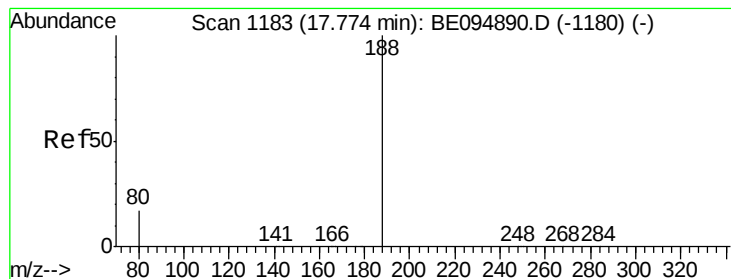


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.79 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

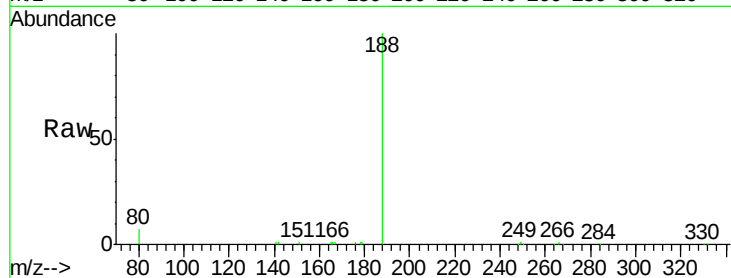
Tot Ion:188 Resp: 21570

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

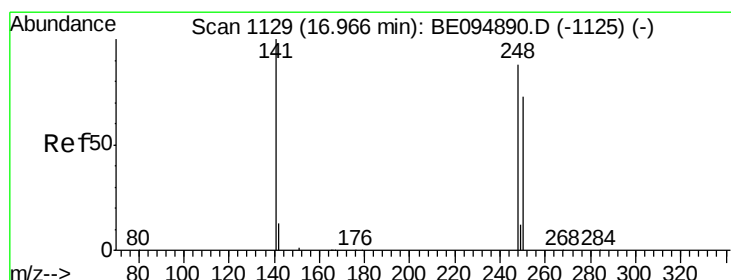
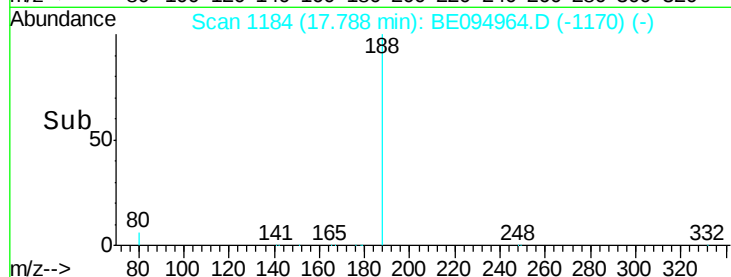
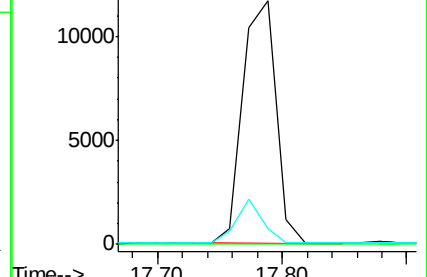
80 6.6 3.6 5.4#



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: 0.382 ng

RT: 16.97 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

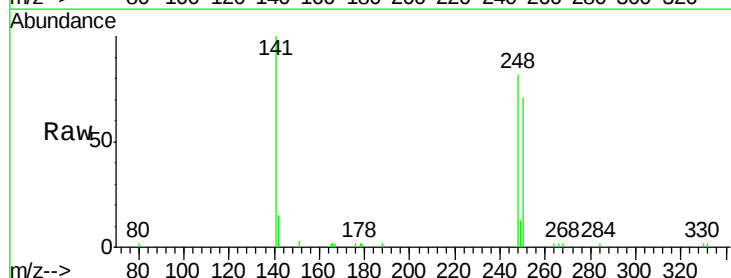
Tgt Ion:248 Resp: 4591

Ion Ratio Lower Upper

248 100

250 86.7 62.7 94.1

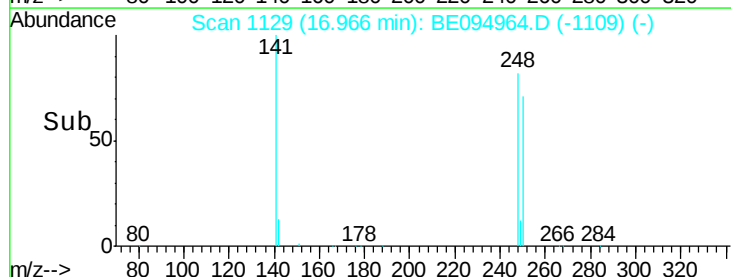
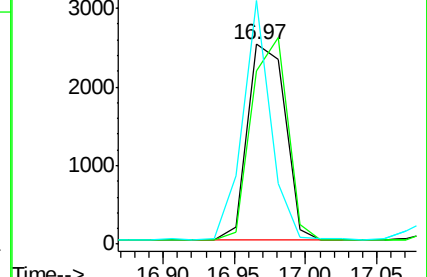
141 121.9 48.2 72.2#

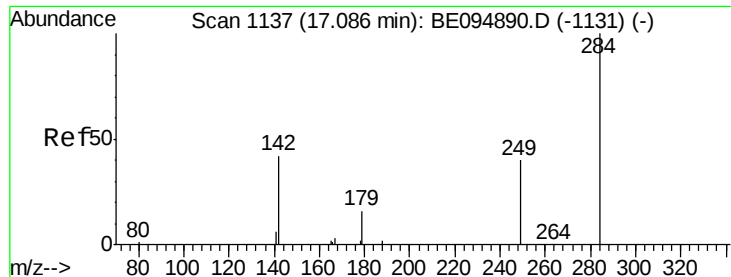


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.419 ng

RT: 17.10 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

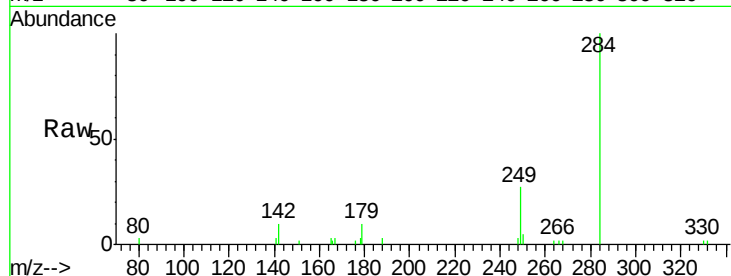
Tot Ion:284 Resp: 4914

Ion Ratio Lower Upper

284 100

142 44.5 22.1 33.1#

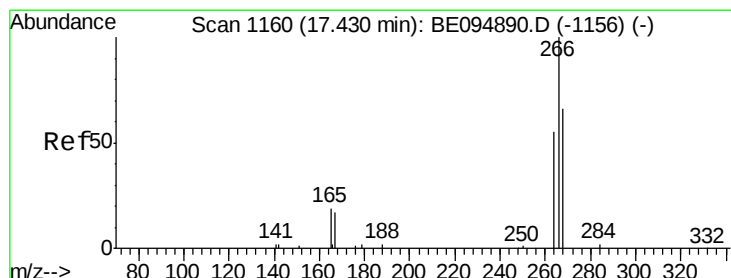
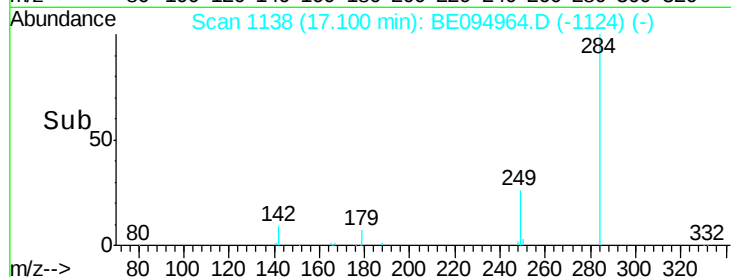
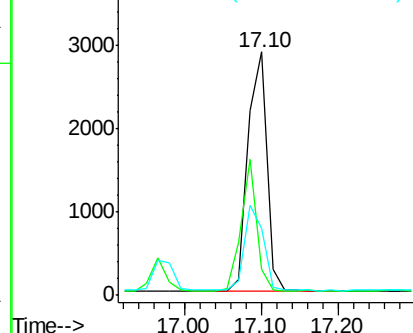
249 36.2 34.8 52.2



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: 0.437 ng

RT: 17.43 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

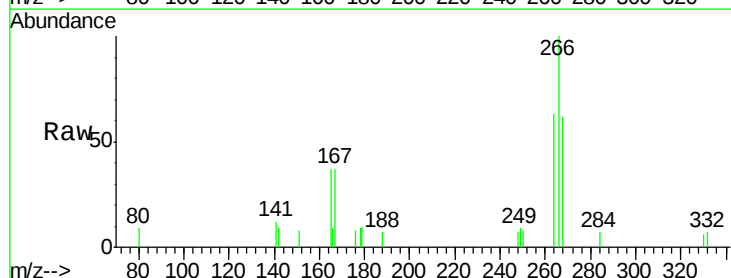
Tgt Ion:266 Resp: 1182

Ion Ratio Lower Upper

266 100

264 63.2 72.5 108.7#

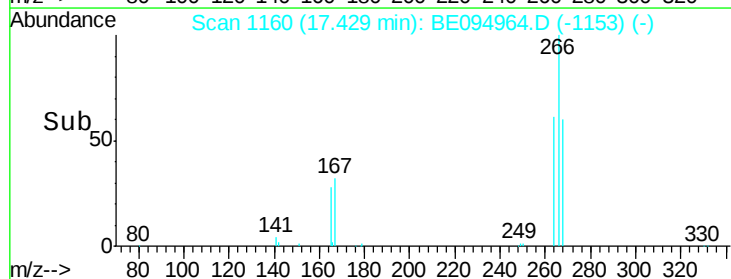
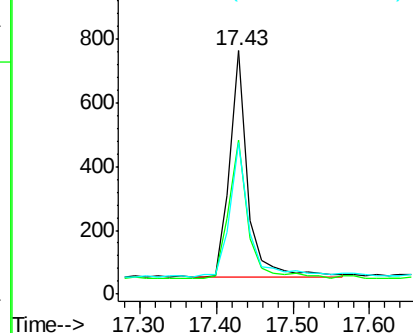
268 62.2 73.8 110.6#

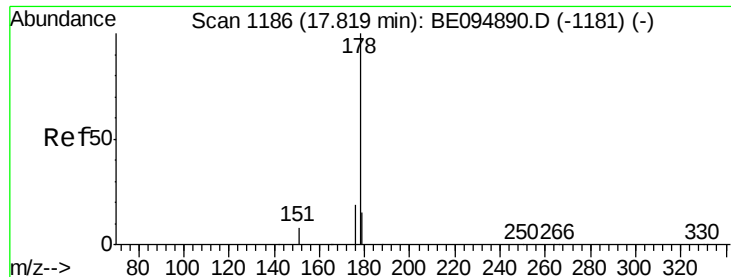


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.384 ng

RT: 17.82 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

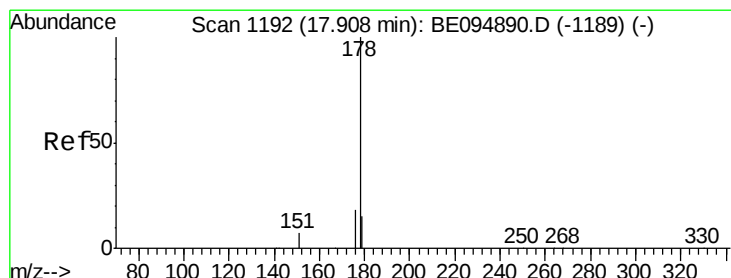
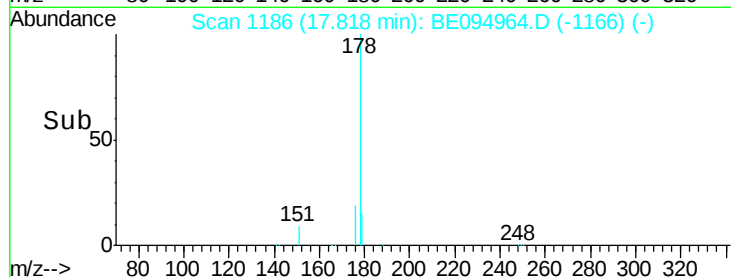
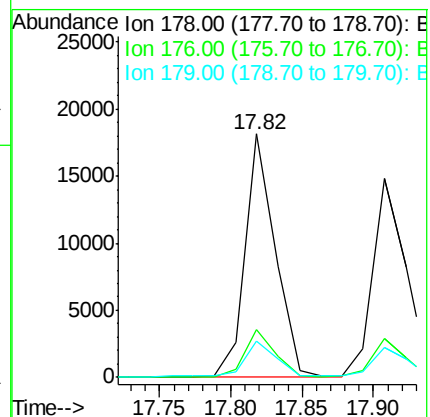
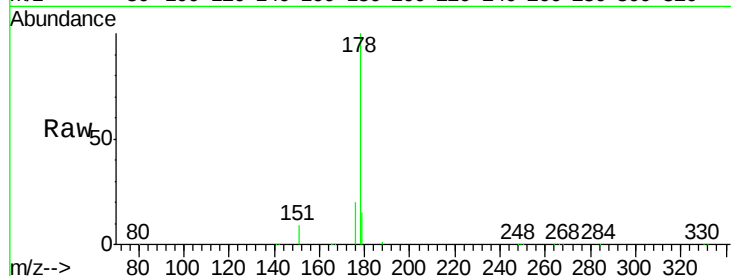
Tot Ion:178 Resp: 26402

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

179 15.7 11.8 17.6



#24

Anthracene

Concen: 0.367 ng

RT: 17.91 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

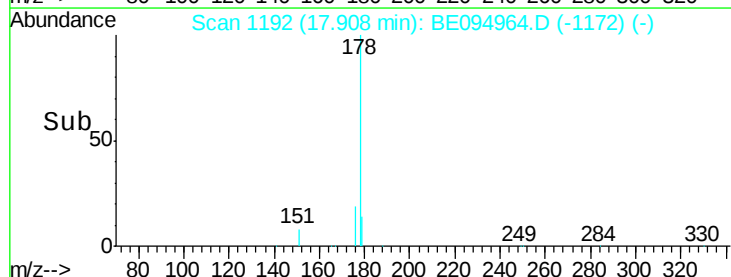
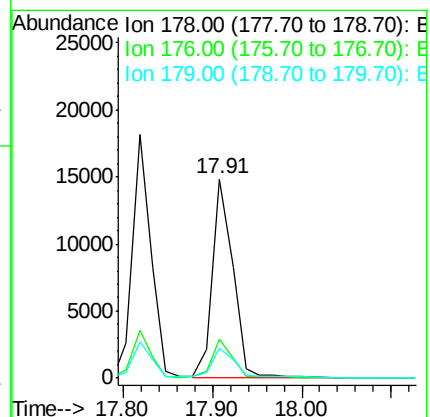
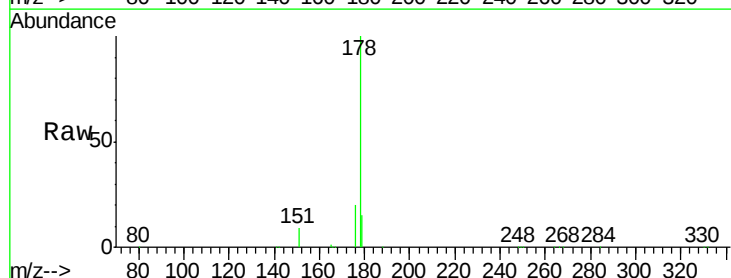
Tgt Ion:178 Resp: 26748

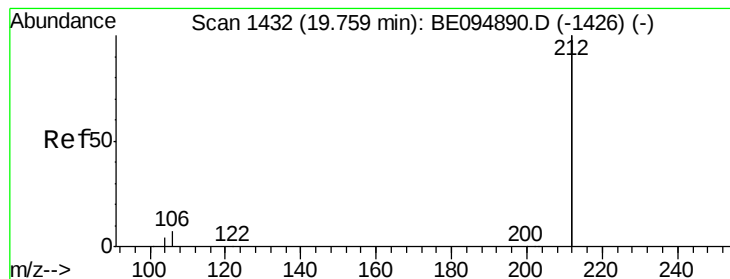
Ion Ratio Lower Upper

178 100

176 20.1 12.8 19.2#

179 17.0 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.360 ng

RT: 19.76 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

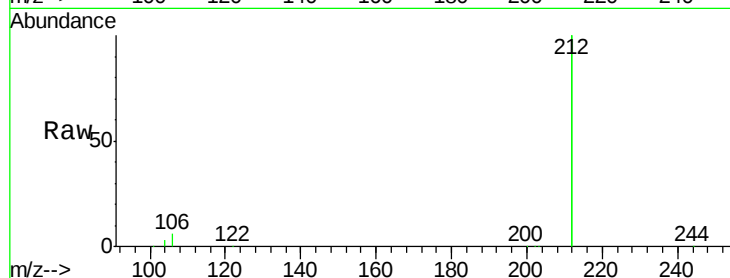
Tot Ion:212 Resp: 106004

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

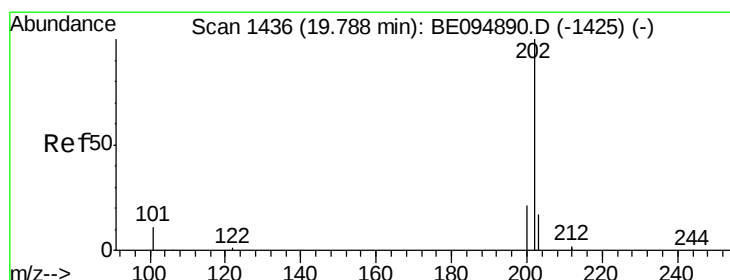
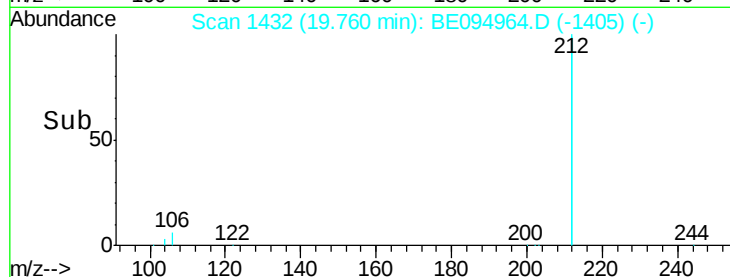
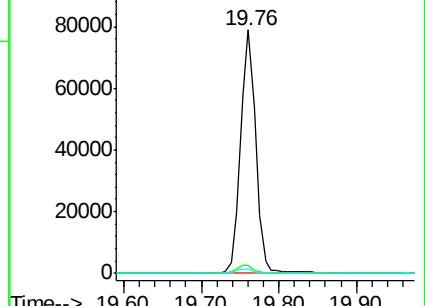
104 1.9 1.6 2.4



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: 0.359 ng

RT: 19.79 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

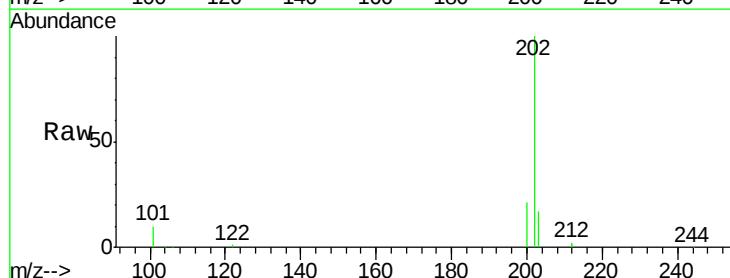
Tgt Ion:202 Resp: 31755

Ion Ratio Lower Upper

202 100

101 12.0 9.8 14.8

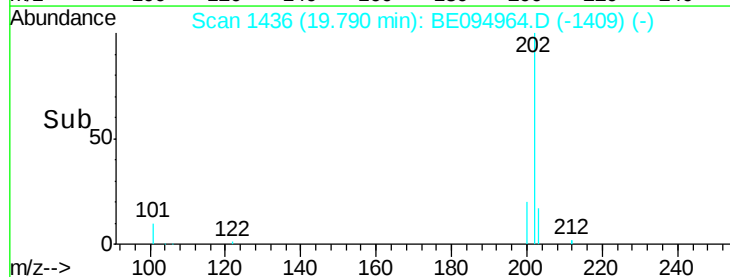
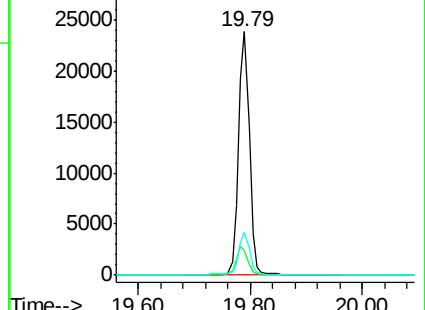
203 16.7 13.7 20.5

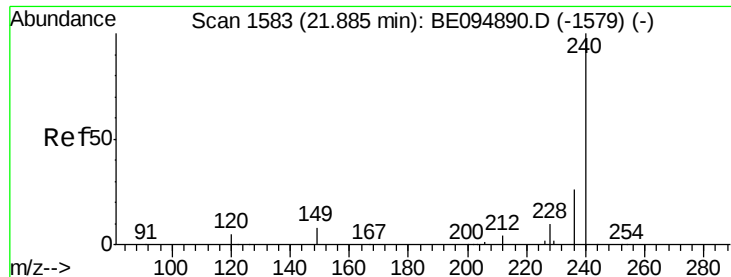


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

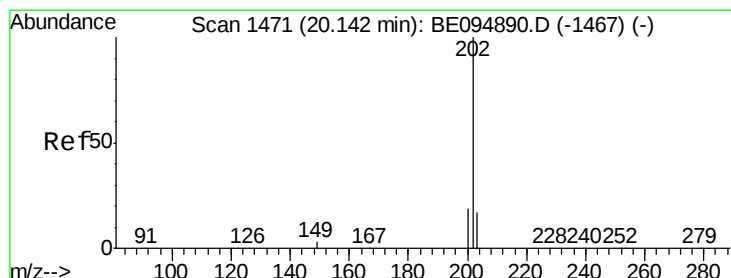
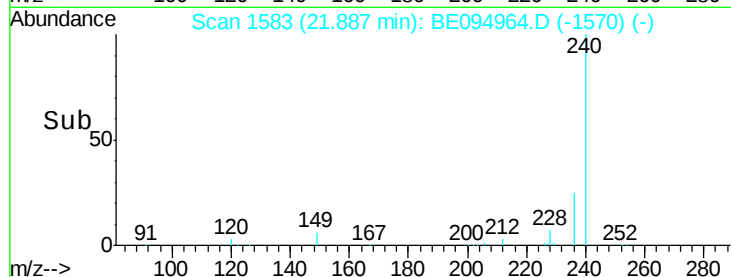
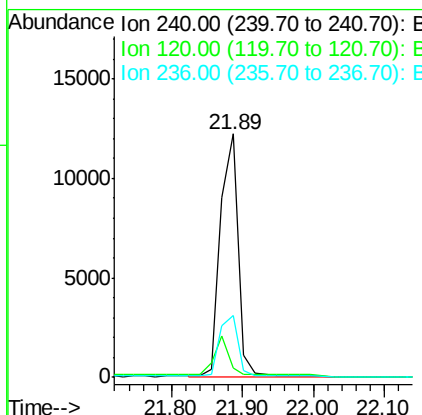
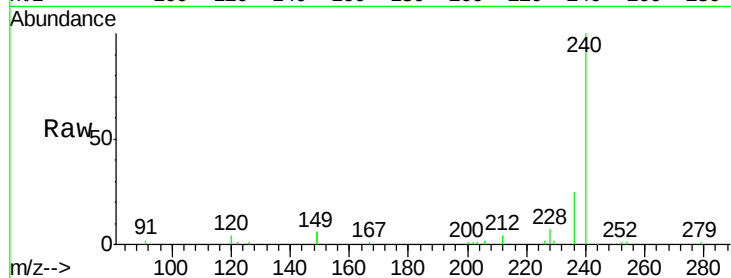




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.89 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BE094964.D
 Acq: 9 Dec 2017 00:24

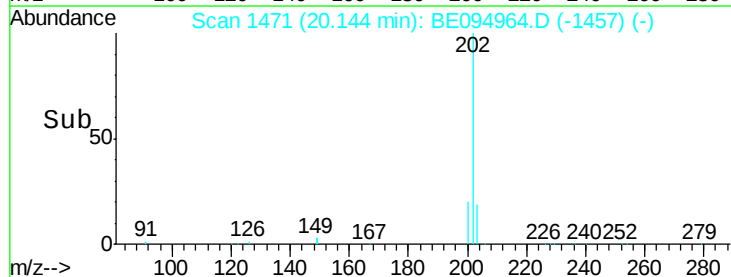
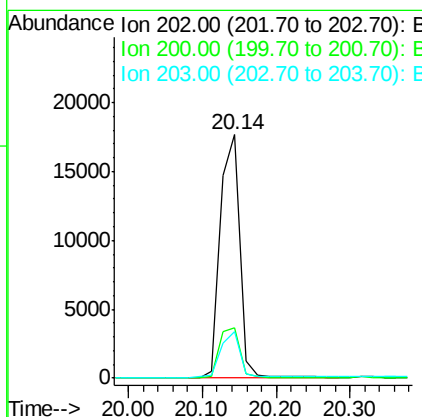
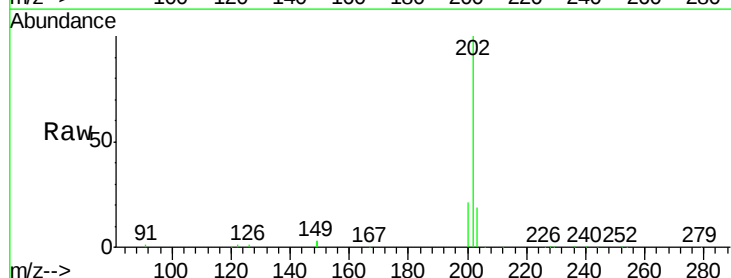
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

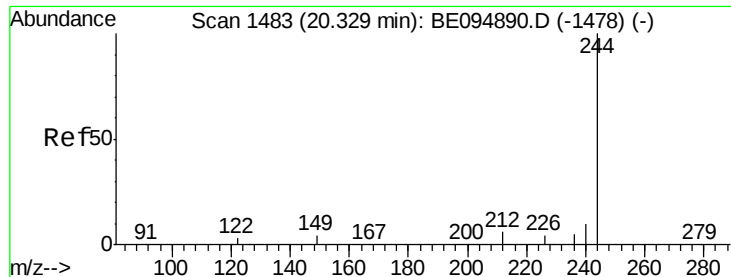
Tot Ion:240 Resp: 22846
 Ion Ratio Lower Upper
 240 100
 120 4.1 5.5 8.3#
 236 25.5 20.7 31.1



#28
 Pyrene
 Concen: 0.406 ng
 RT: 20.14 min Scan# 1471
 Delta R.T. 0.00 min
 Lab File: BE094964.D
 Acq: 9 Dec 2017 00:24

Tgt Ion:202 Resp: 32024
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.6 25.0
 203 21.3 13.8 20.8#





#29

Terphenyl-d14

Concen: 0.407 ng

RT: 20.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

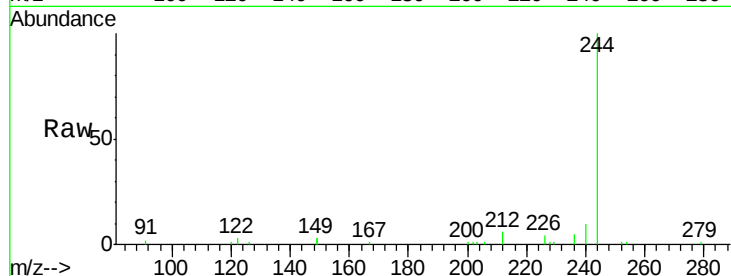
Tot Ion:244 Resp: 17168

Ion Ratio Lower Upper

244 100

212 5.5 25.4 38.0#

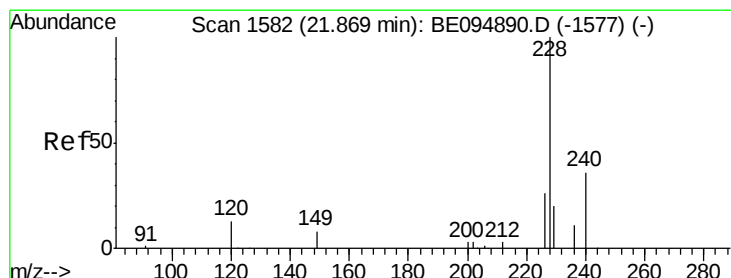
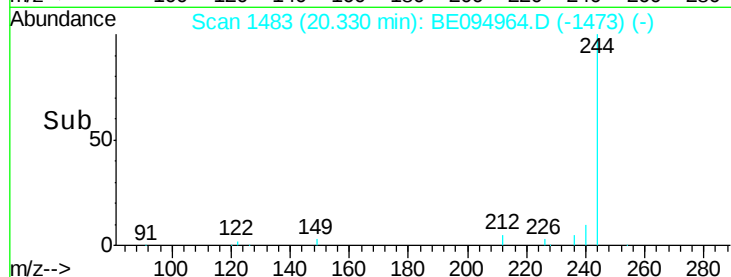
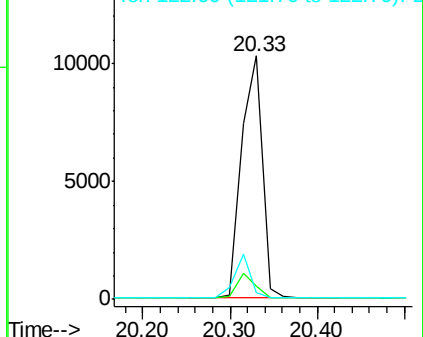
122 2.6 8.1 12.1#



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: 0.379 ng

RT: 21.86 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

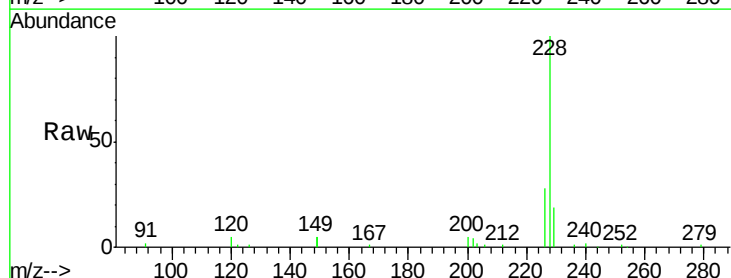
Tgt Ion:228 Resp: 26542

Ion Ratio Lower Upper

228 100

226 28.0 40.0 60.0#

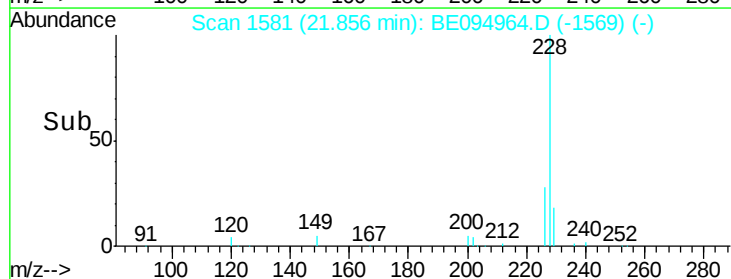
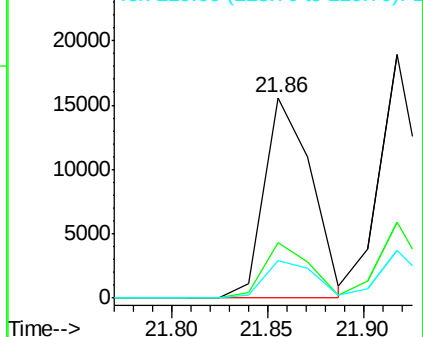
229 18.6 40.0 60.0#

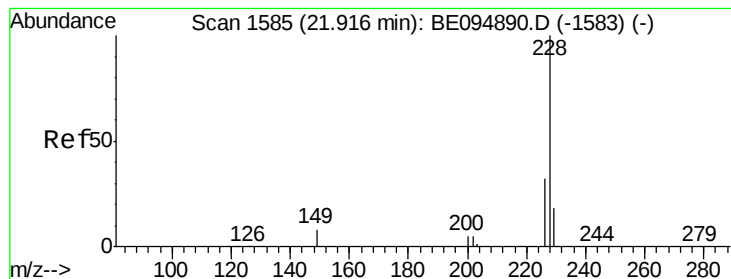


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.384 ng

RT: 21.92 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

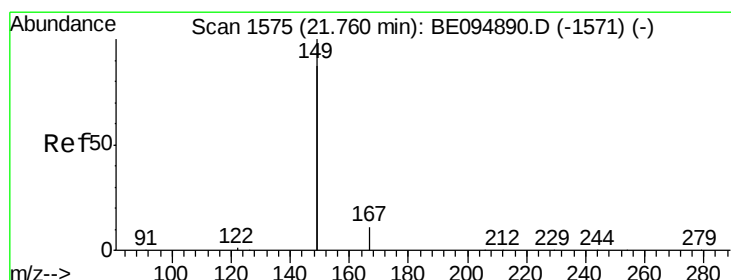
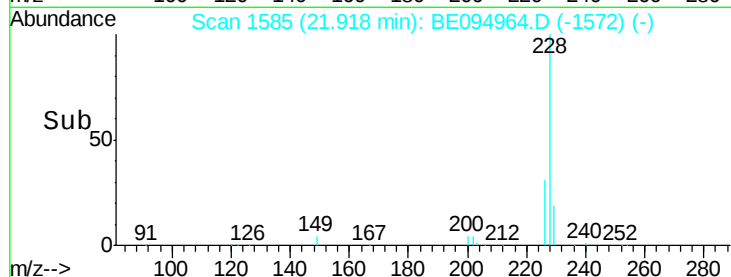
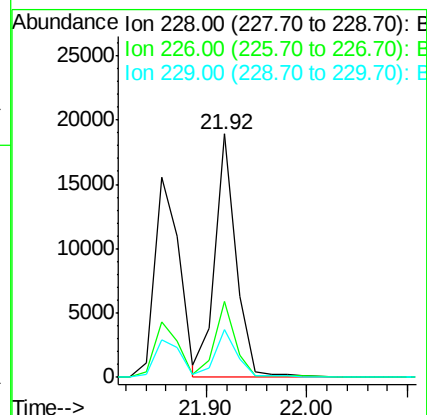
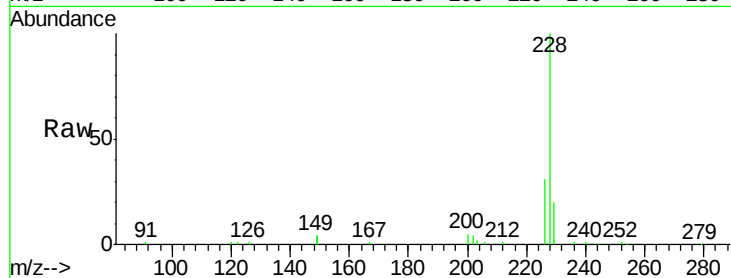
Tot Ion:228 Resp: 29722

Ion Ratio Lower Upper

228 100

226 31.4 40.0 60.0#

229 19.5 40.0 60.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.343 ng

RT: 21.75 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

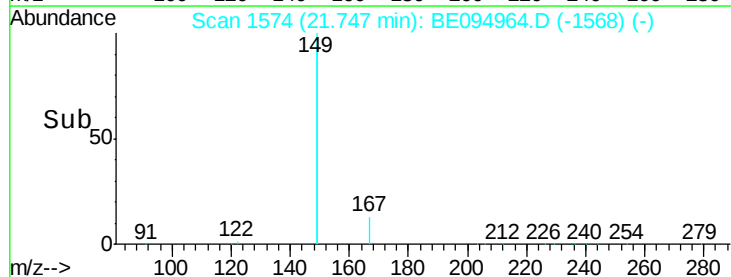
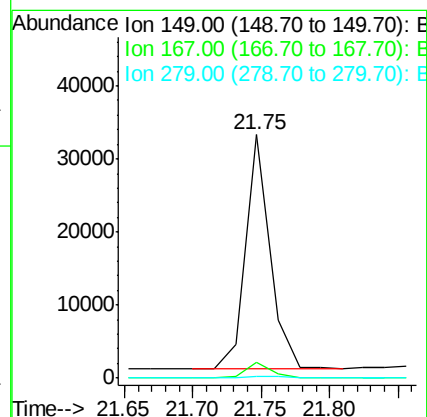
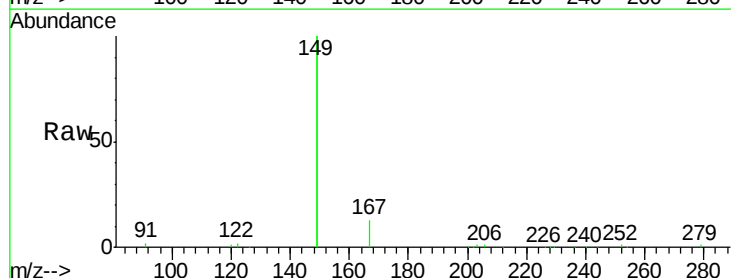
Tgt Ion:149 Resp: 39842

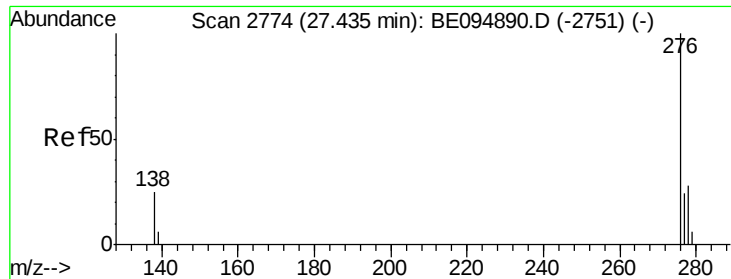
Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

279 0.8 0.7 1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.385 ng

RT: 27.43 min Scan# 2773

Delta R.T. -0.01 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

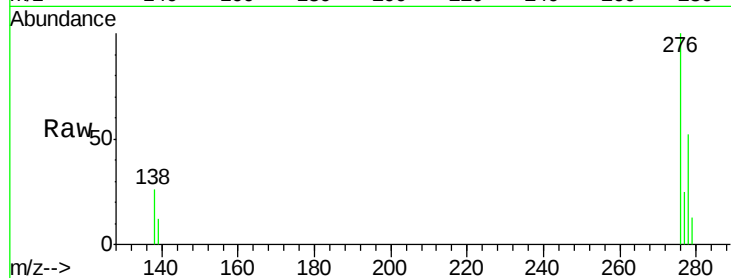
Tot Ion:276 Resp: 24380

Ion Ratio Lower Upper

276 100

138 27.5 22.5 33.7

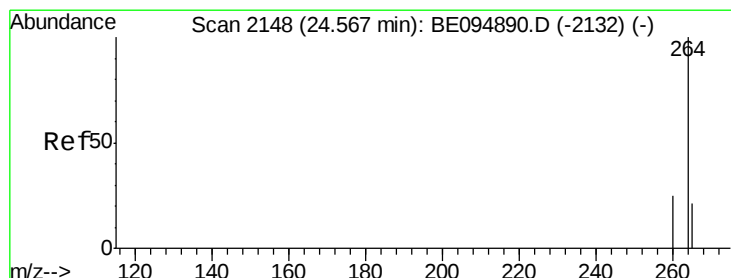
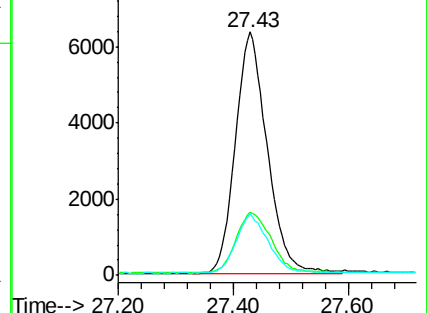
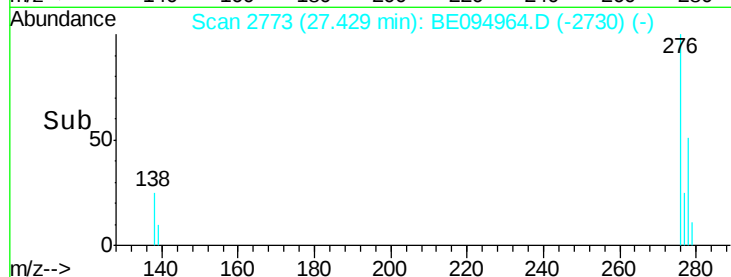
277 24.6 19.9 29.9



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: 24.56 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

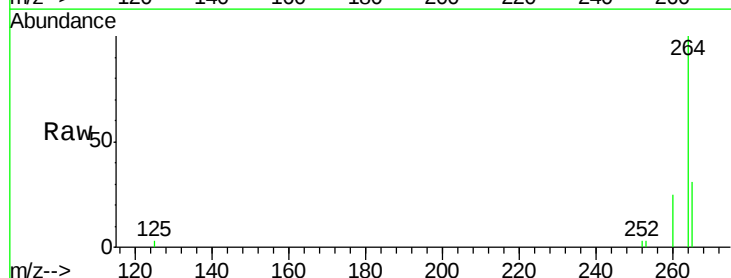
Tgt Ion:264 Resp: 17926

Ion Ratio Lower Upper

264 100

260 24.7 20.5 30.7

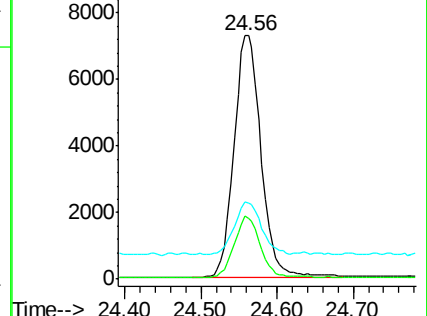
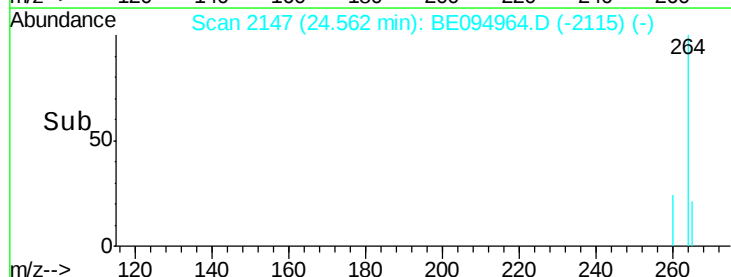
265 31.2 22.8 34.2

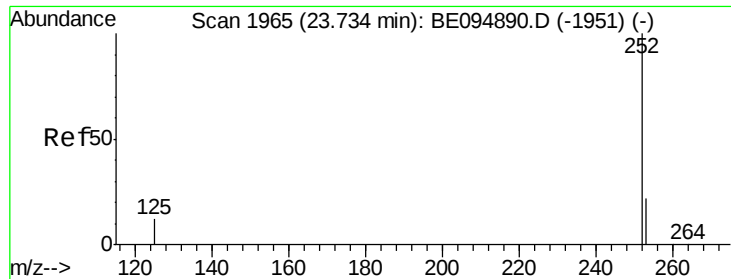


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.386 ng

RT: 23.73 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

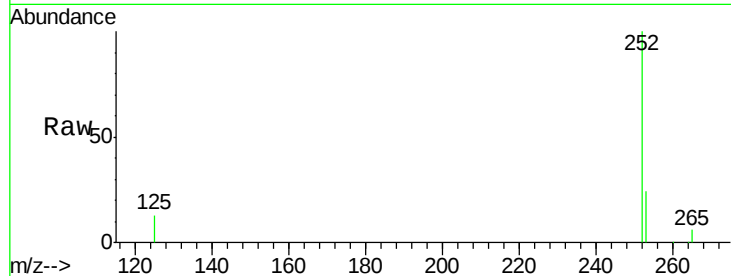
Tot Ion:252 Resp: 25258

Ion Ratio Lower Upper

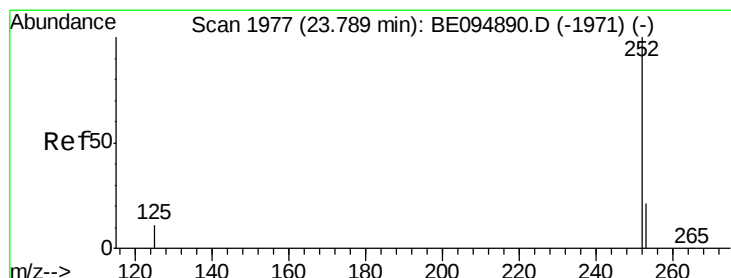
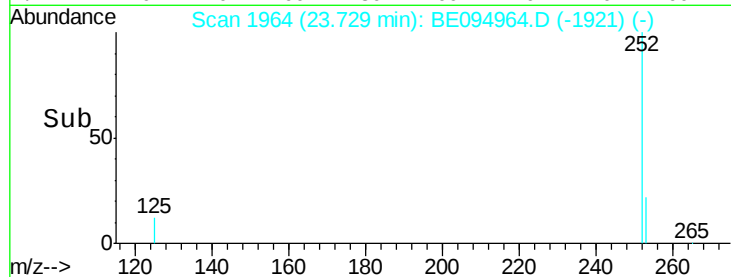
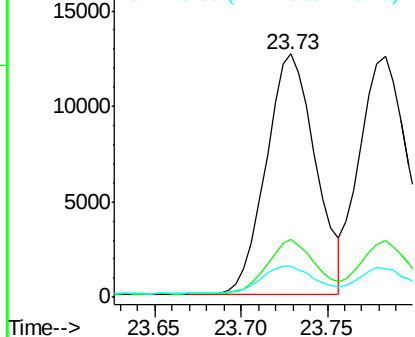
252 100

253 23.7 48.0 72.0#

125 13.0 56.0 84.0#



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# 1976

Delta R.T. -0.01 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

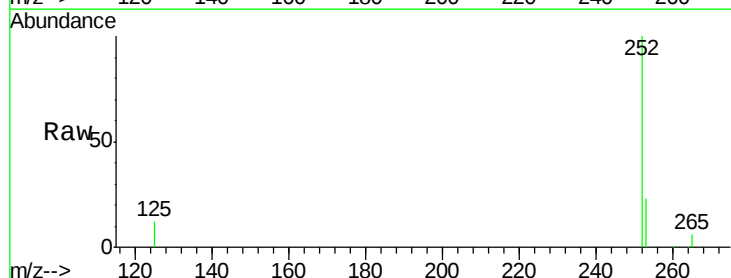
Tgt Ion:252 Resp: 25318

Ion Ratio Lower Upper

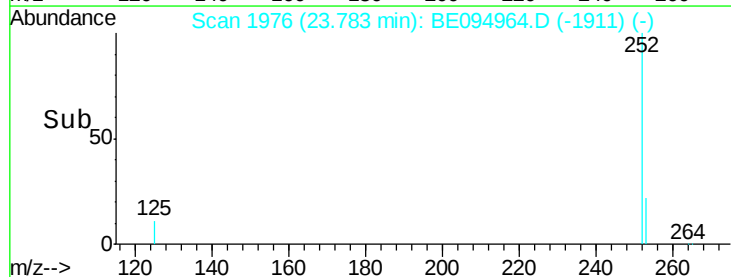
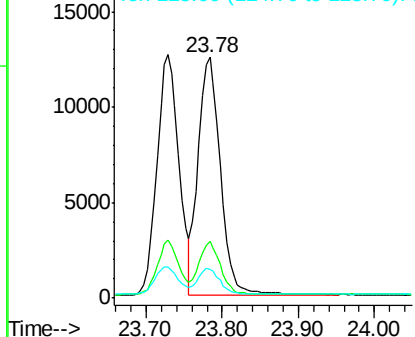
252 100

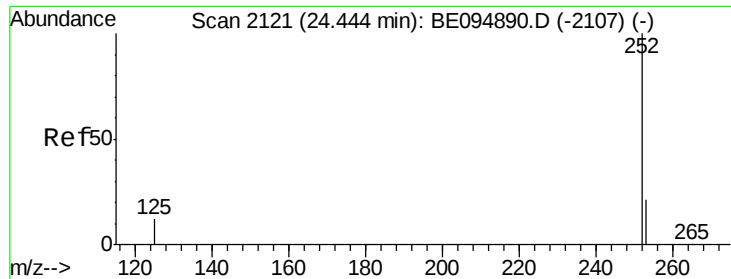
253 23.3 48.0 72.0#

125 12.1 56.0 84.0#



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: 0.387 ng

RT: 24.44 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

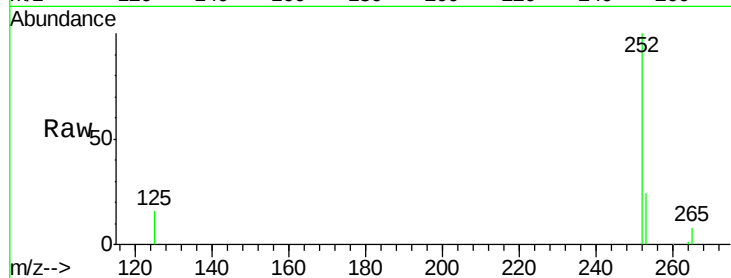
Tot Ion:252 Resp: 22197

Ion Ratio Lower Upper

252 100

253 23.5 52.0 78.0#

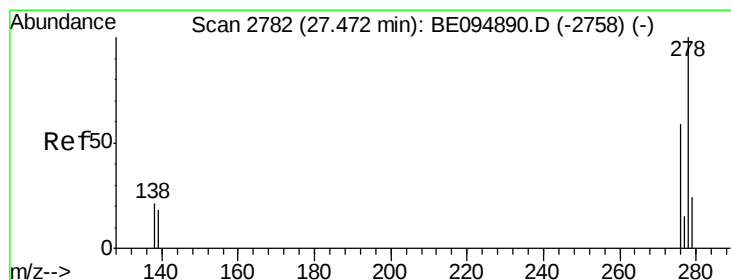
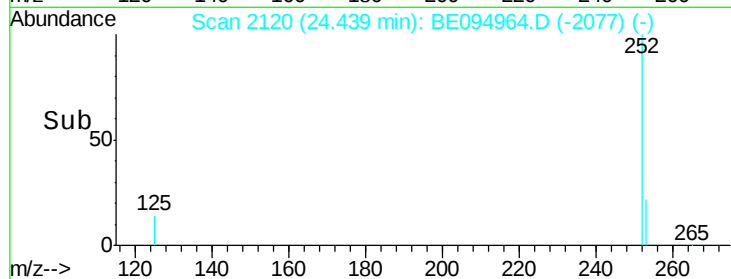
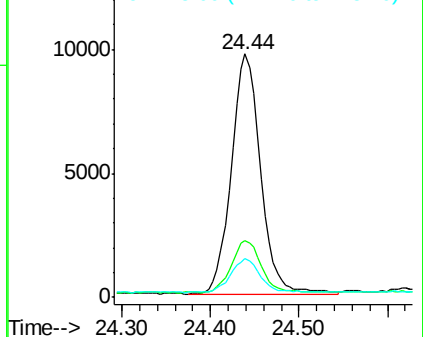
125 15.7 68.0 102.0#



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: 0.389 ng

RT: 27.46 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

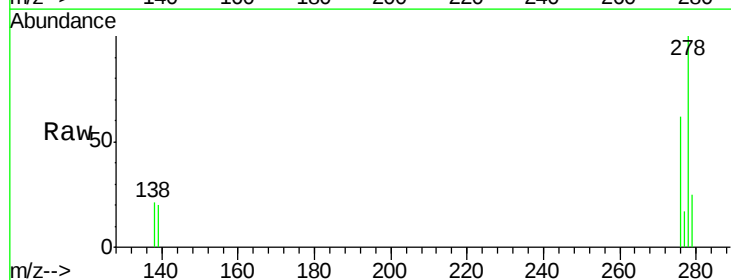
Tgt Ion:278 Resp: 20605

Ion Ratio Lower Upper

278 100

139 19.9 56.0 84.0#

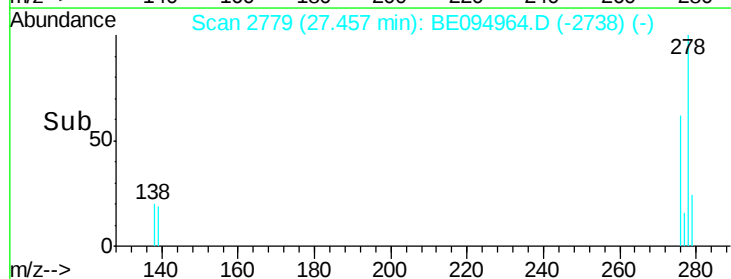
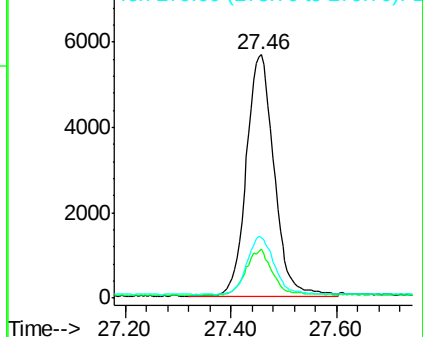
279 24.8 52.0 78.0#

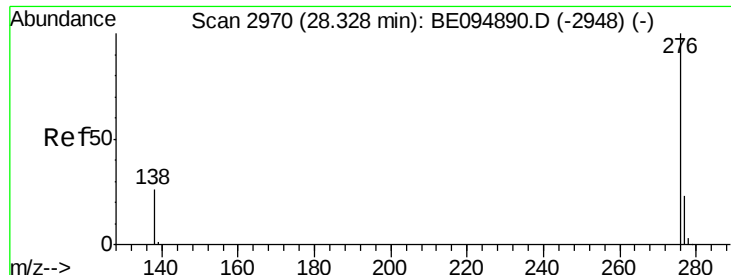


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.389 ng

RT: 28.31 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BE094964.D

Acq: 9 Dec 2017 00:24

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

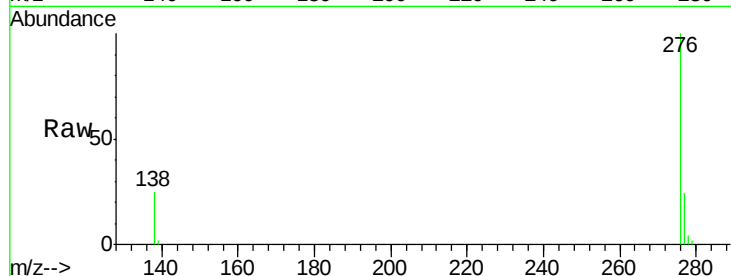
Tot Ion:276 Resp: 20608

Ion Ratio Lower Upper

276 100

277 23.9 52.0 78.0#

138 24.7 44.0 66.0#



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

