

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120117\
 Data File : BE094904.D
 Acq On : 1 Dec 2017 14:41
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 02 00:35:08 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	6709	0.40	ng	-0.01
7) Naphthalene-d8	11.33	136	14984	0.40	ng	0.00
13) Acenaphthene-d10	15.08	164	8491	0.40	ng	0.00
19) Phenanthrene-d10	17.77	188	21501	0.40	ng	0.00
27) Chrysene-d12	21.88	240	24695	0.40	ng	0.00
34) Perylene-d12	24.56	264	19714	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.96	112	4196	0.40	ng	0.00
5) Phenol-d6	7.59	99	6237	0.40	ng	0.00
8) Nitrobenzene-d5	9.67	82	4590	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.87	152	9559	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	734	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	14444	0.40	ng	0.00
25) Fluoranthene-d10	19.76	212	112054	0.38	ng	0.00
29) Terphenyl-d14	20.33	244	18314	0.40	ng	0.00

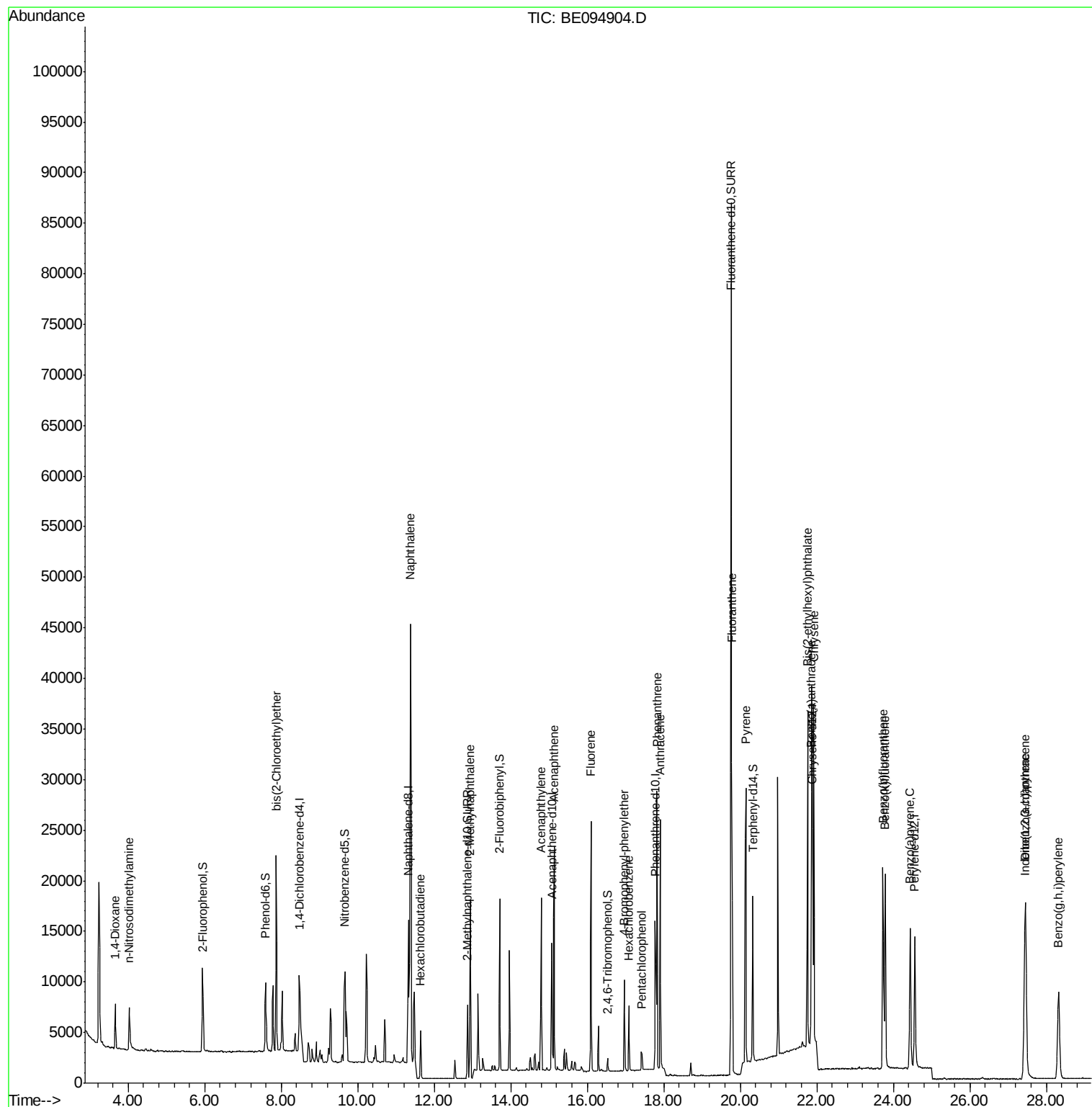
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.67	88	2938	0.42	ng	# 89
3) n-Nitrosodimethylamine	4.02	42	3670	0.41	ng	# 81
6) bis(2-Chloroethyl)ether	7.87	93	6436	0.41	ng	100
9) Naphthalene	11.38	128	69856	0.40	ng	99
10) Hexachlorobutadiene	11.64	225	3036	0.41	ng	97
12) 2-Methylnaphthalene	12.94	142	17552	0.40	ng	95
16) Acenaphthylene	14.79	152	18385	0.38	ng	100
17) Acenaphthene	15.13	154	12126	0.39	ng	96
18) Fluorene	16.10	166	15619	0.40	ng	# 79
20) 4-Bromophenyl-phenylether	16.97	248	4758	0.40	ng	# 66
21) Hexachlorobenzene	17.09	284	4704	0.40	ng	# 80
22) Pentachlorophenol	17.43	266	1140	0.43	ng	# 68
23) Phenanthrene	17.82	178	27330	0.40	ng	99
24) Anthracene	17.91	178	28077	0.39	ng	# 93
26) Fluoranthene	19.79	202	33811	0.38	ng	100
28) Pyrene	20.14	202	34093	0.40	ng	99
30) Benzo(a)anthracene	21.85	228	29433	0.39	ng	# 62
31) Chrysene	21.92	228	32966	0.39	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.76	149	39854	0.32	ng	100
33) Indeno(1,2,3-cd)pyrene	27.43	276	26720	0.39	ng	99
35) Benzo(b)fluoranthene	23.73	252	28256	0.39	ng	# 40
36) Benzo(k)fluoranthene	23.78	252	28945	0.39	ng	# 39
37) Benzo(a)pyrene	24.44	252	24124	0.38	ng	# 33
38) Dibenzo(a,h)anthracene	27.46	278	22671	0.39	ng	# 43
39) Benzo(g,h,i)perylene	28.32	276	22326	0.38	ng	# 53

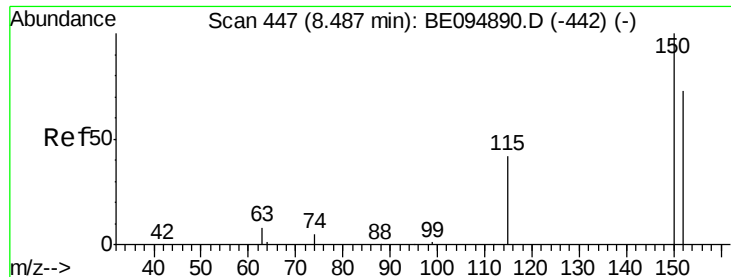
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 01 13:33:28 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 8.47 min Scan# 446

Delta R.T. -0.01 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

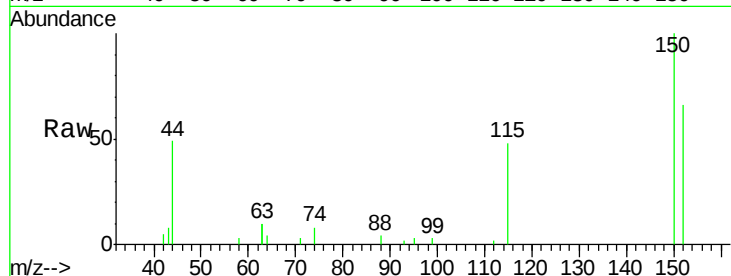
Tot Ion:152 Resp: 6709

Ion Ratio Lower Upper

152 100

150 150.5 117.2 175.8

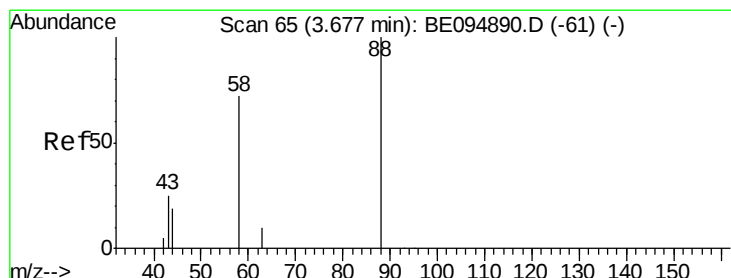
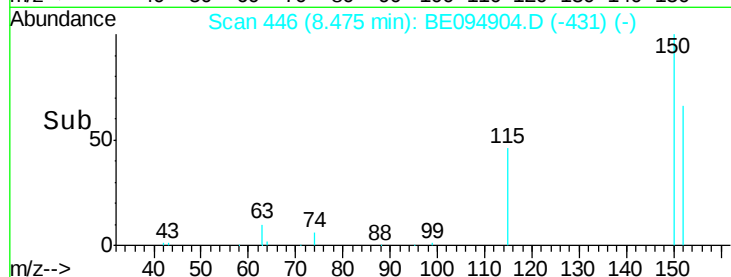
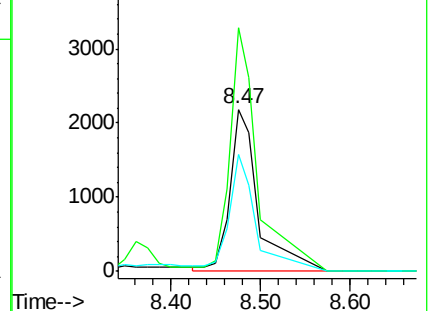
115 72.2 57.0 85.6



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: 0.42 ng

RT: 3.67 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

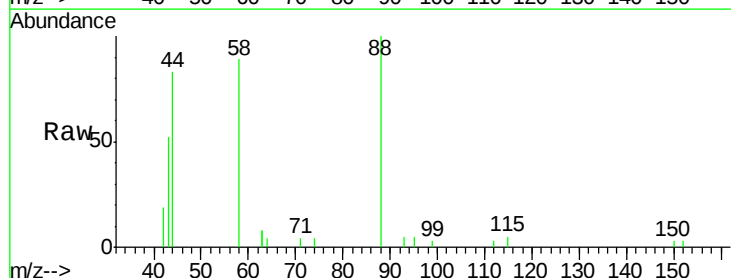
Tgt Ion: 88 Resp: 2938

Ion Ratio Lower Upper

88 100

58 85.5 63.2 94.8

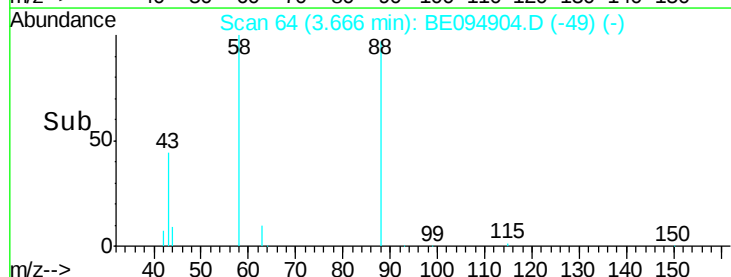
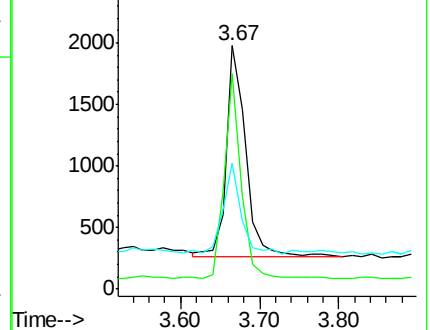
43 40.2 41.2 61.8#

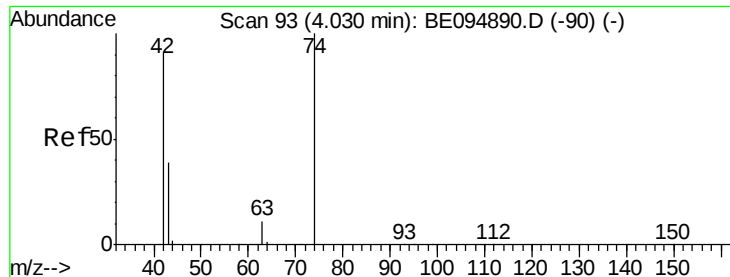


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.41 ng

RT: 4.02 min Scan# 92

Delta R.T. -0.01 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

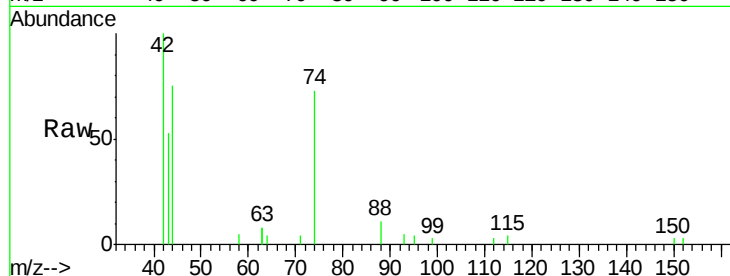
Tot Ion: 42 Resp: 3670

Ion Ratio Lower Upper

42 100

74 104.8 100.3 150.5

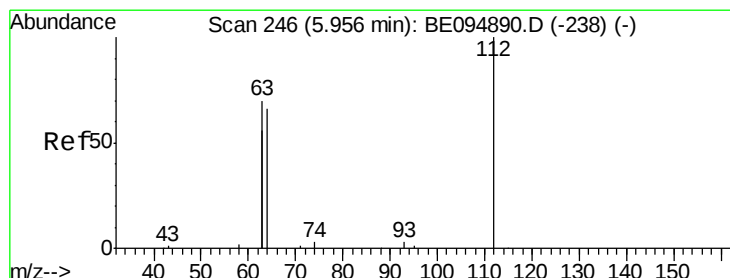
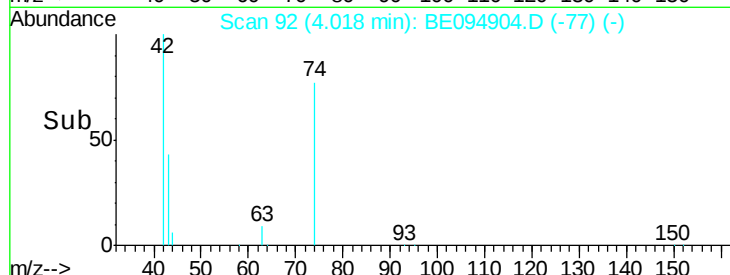
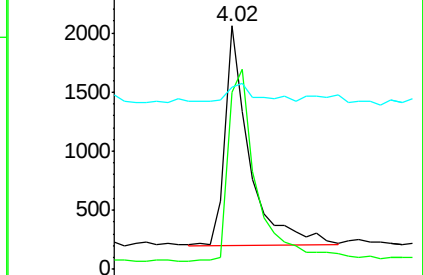
44 9.9 17.0 25.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.40 ng

RT: 5.96 min Scan# 246

Delta R.T. 0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

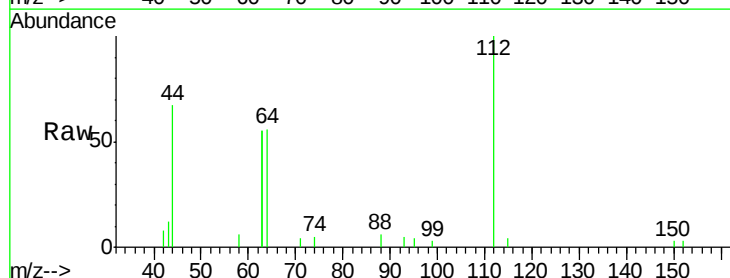
Tgt Ion: 112 Resp: 4196

Ion Ratio Lower Upper

112 100

64 78.4 60.1 90.1

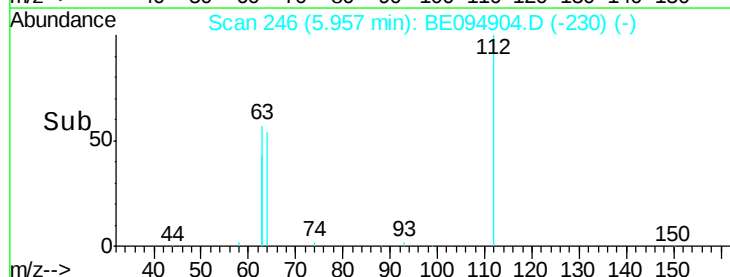
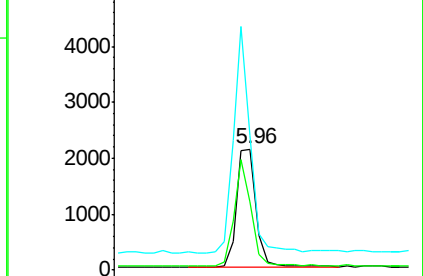
63 165.8 116.8 175.2

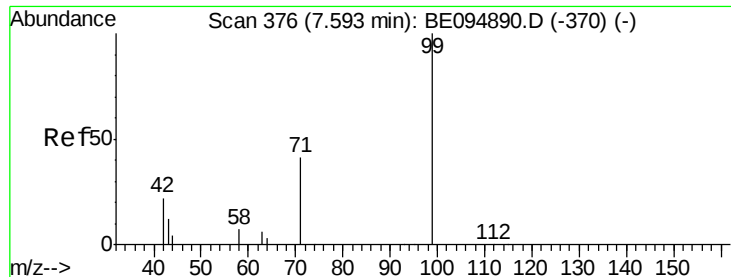


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.40 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

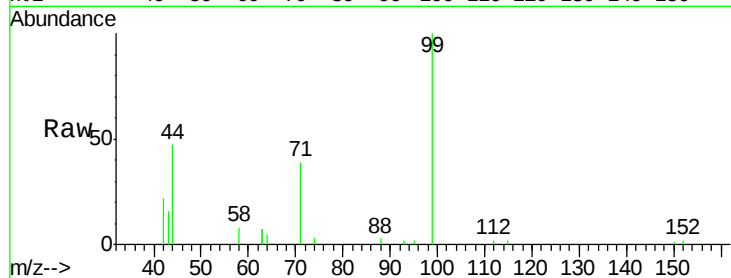
Tot Ion: 99 Resp: 6237

Ion Ratio Lower Upper

99 100

42 26.7 20.2 30.2

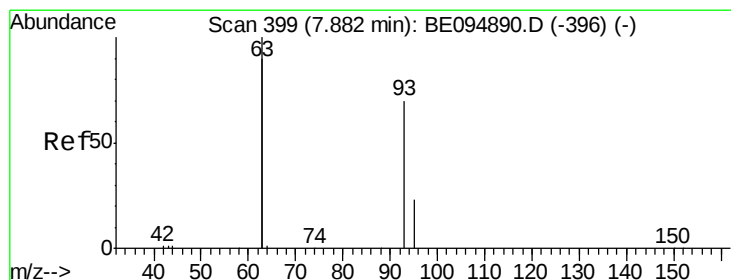
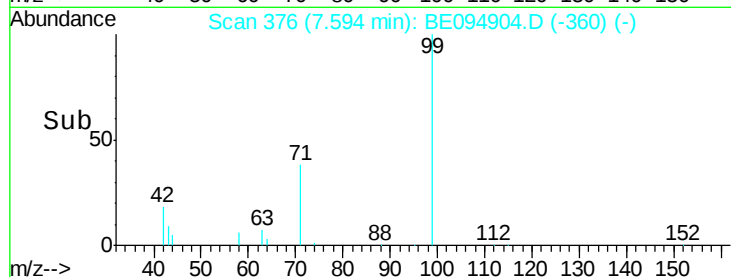
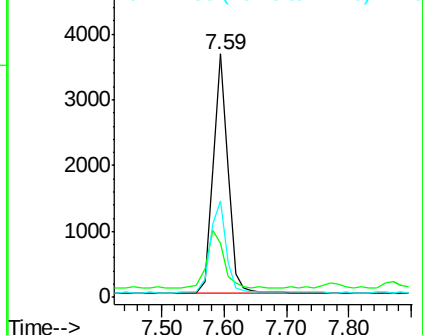
71 40.7 28.4 42.6



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: 0.41 ng

RT: 7.87 min Scan# 398

Delta R.T. -0.01 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

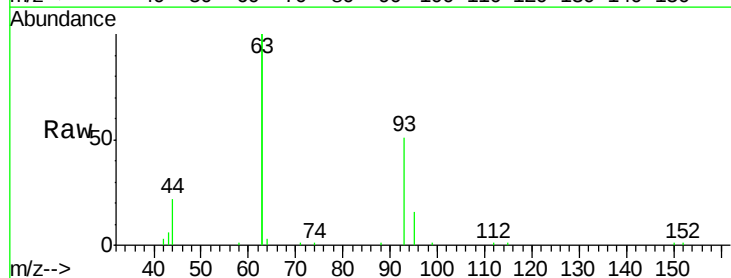
Tgt Ion: 93 Resp: 6436

Ion Ratio Lower Upper

93 100

63 343.1 275.3 412.9

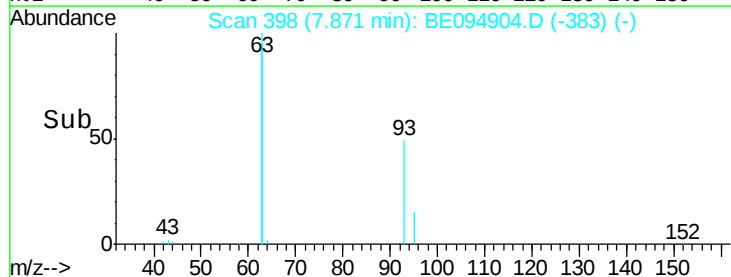
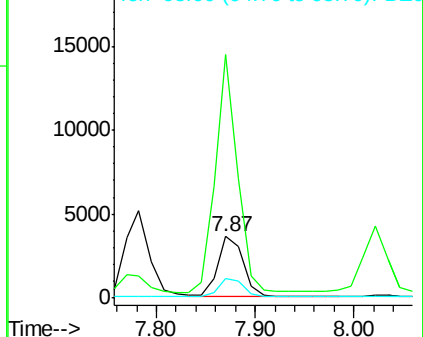
95 31.2 25.2 37.8

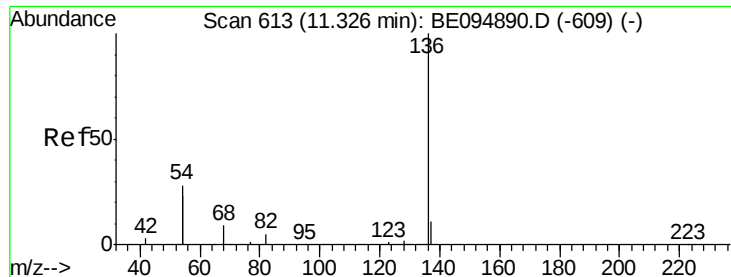


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 14984

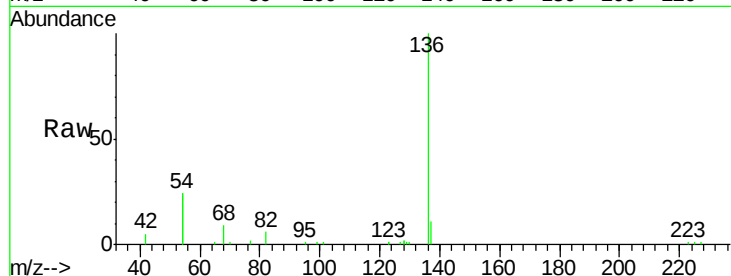
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 49.0 29.1 43.7#

68 9.1 6.2 9.2

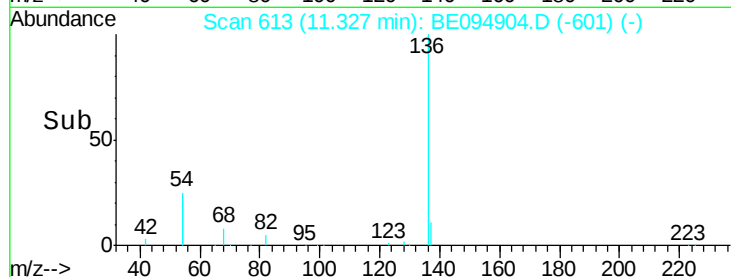


Abundance Ion 136.00 (135.70 to 136.70): E

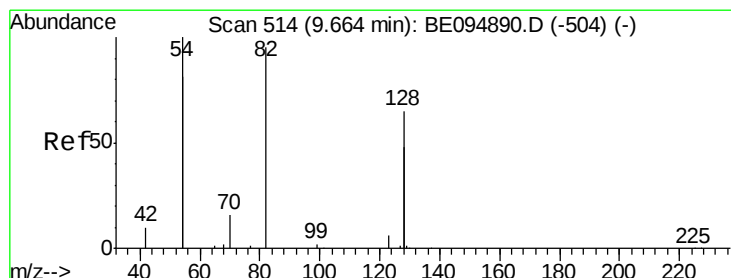
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.52 ng

RT: 9.67 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

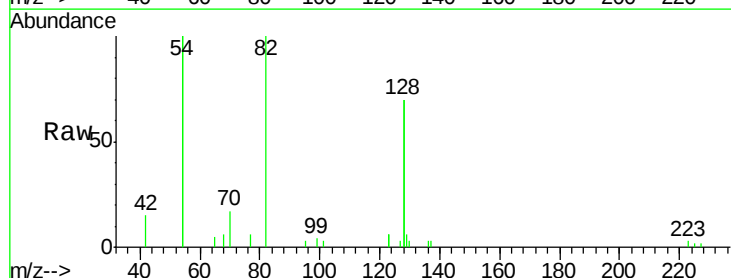
Tgt Ion: 82 Resp: 4590

Ion Ratio Lower Upper

82 100

128 140.7 150.0 225.0#

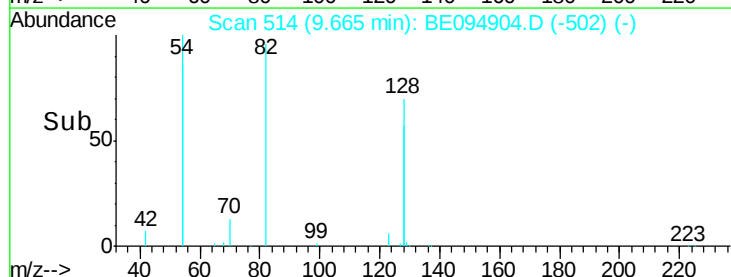
54 200.1 154.2 231.4



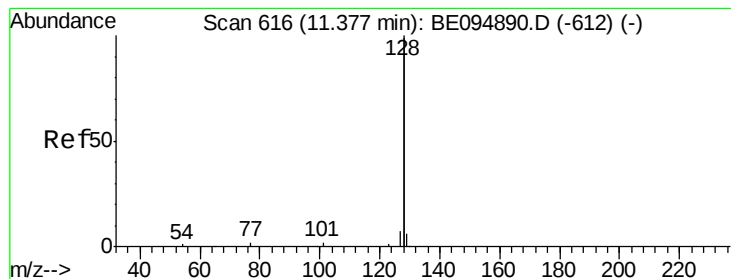
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.40 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

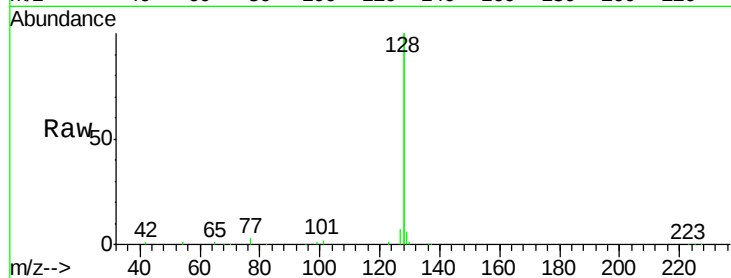
Tot Ion:128 Resp: 69856

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

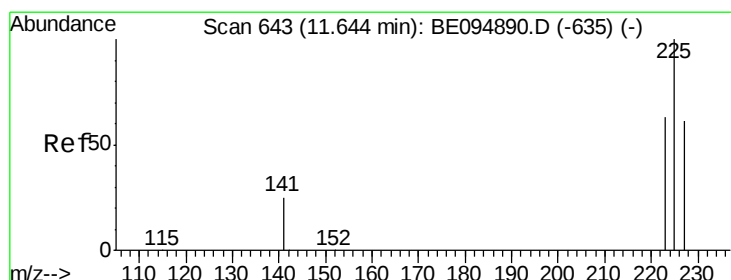
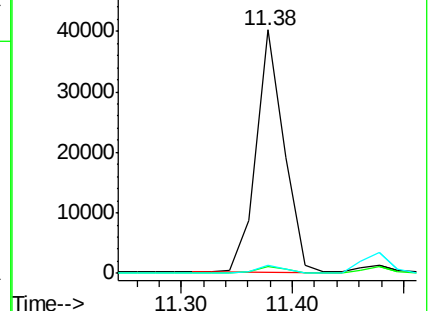
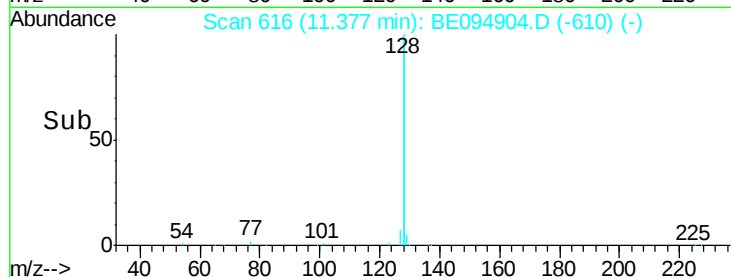
127 3.5 2.8 4.2



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: 0.41 ng

RT: 11.64 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

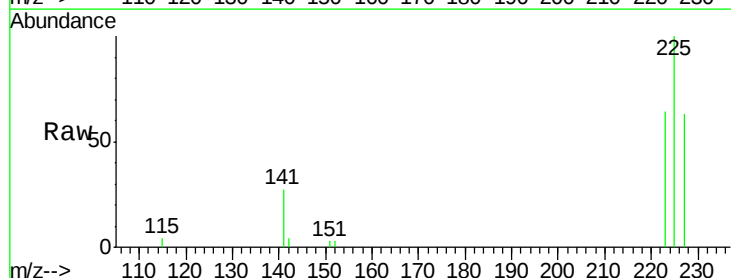
Tgt Ion:225 Resp: 3036

Ion Ratio Lower Upper

225 100

223 61.8 53.0 79.6

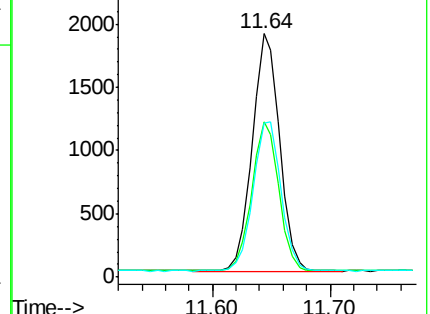
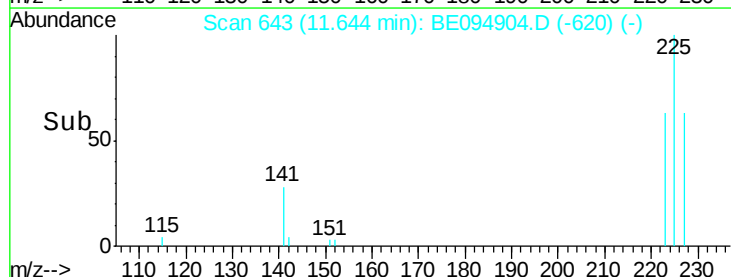
227 64.2 51.4 77.2

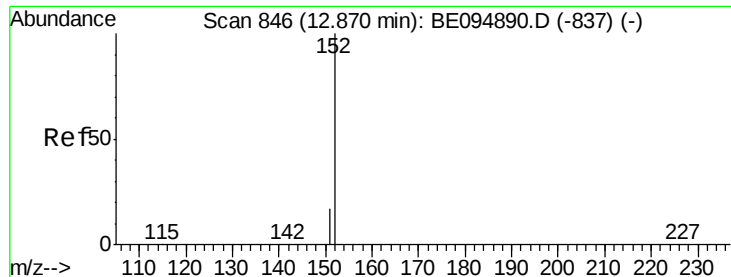


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.40 ng

RT: 12.87 min Scan# 846

Delta R.T. -0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

Instrument :

BNA_E

ClientSampleId :

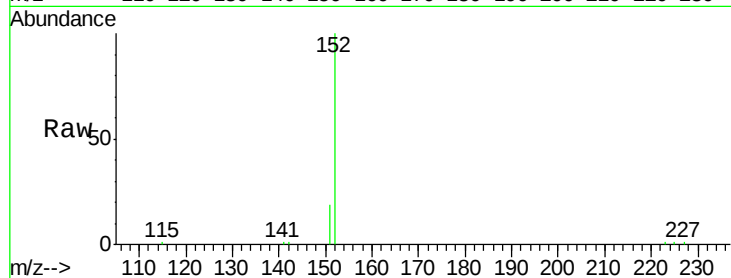
SSTDCCC0.4EC

Tot Ion:152 Resp: 9559

Ion Ratio Lower Upper

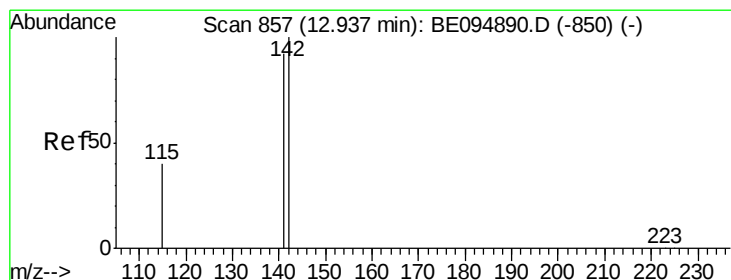
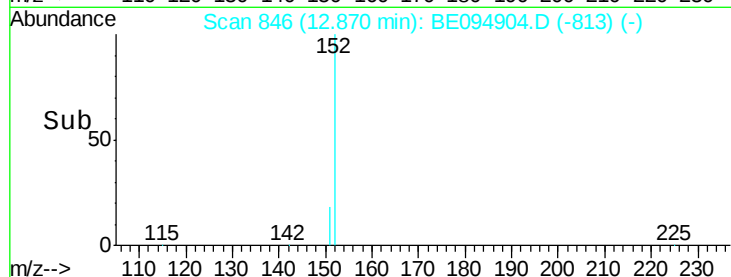
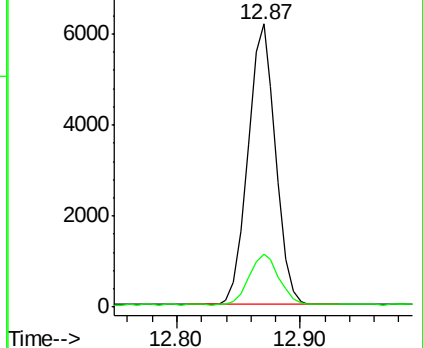
152 100

151 19.8 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: 0.40 ng

RT: 12.94 min Scan# 857

Delta R.T. -0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

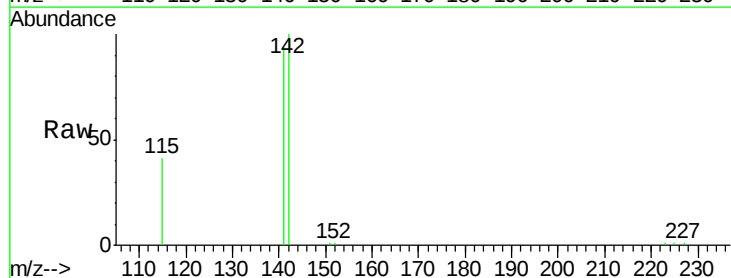
Tgt Ion:142 Resp: 17552

Ion Ratio Lower Upper

142 100

141 93.8 70.4 105.6

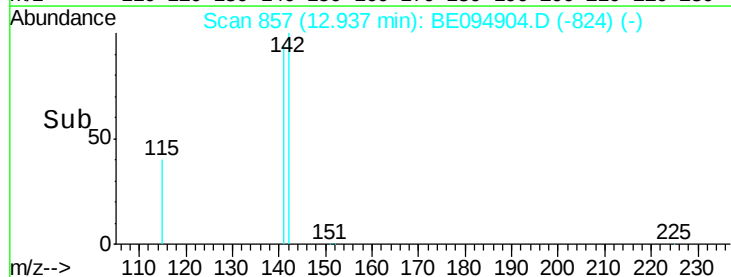
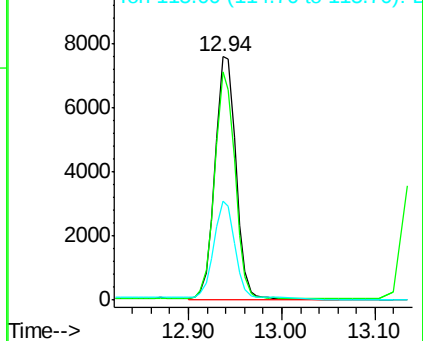
115 40.8 31.7 47.5

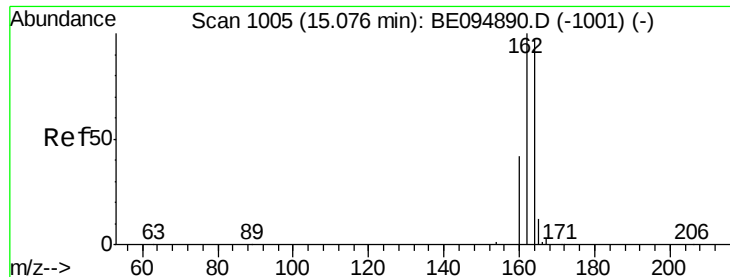


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 15.08 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

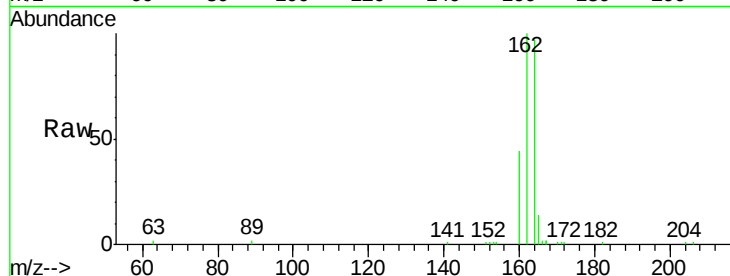
Tot Ion:164 Resp: 8491

Ion Ratio Lower Upper

164 100

162 103.0 83.1 124.7

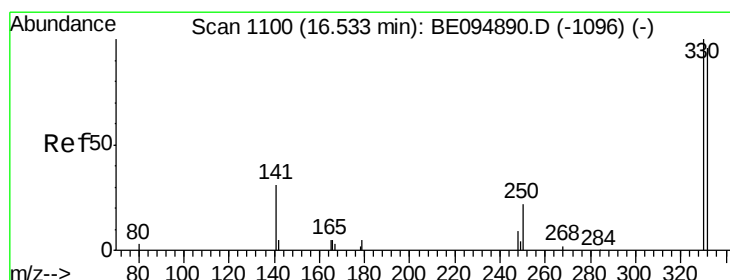
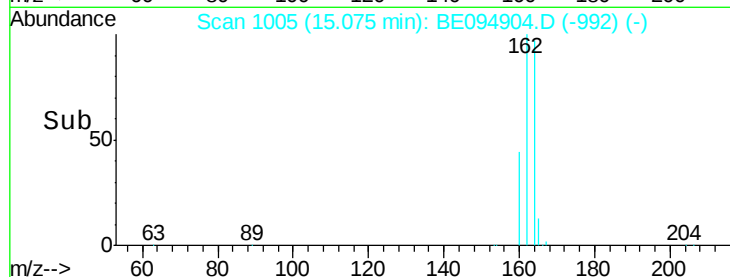
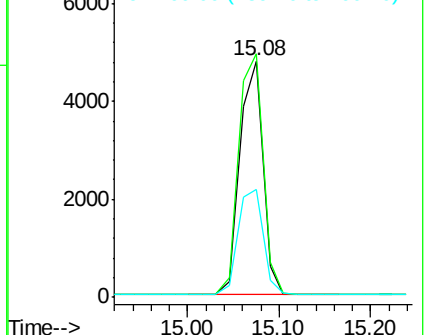
160 45.7 37.1 55.7



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: 0.42 ng

RT: 16.53 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

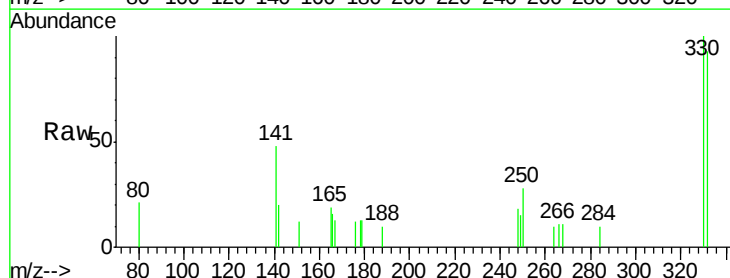
Tgt Ion:330 Resp: 734

Ion Ratio Lower Upper

330 100

332 93.5 152.7 229.1#

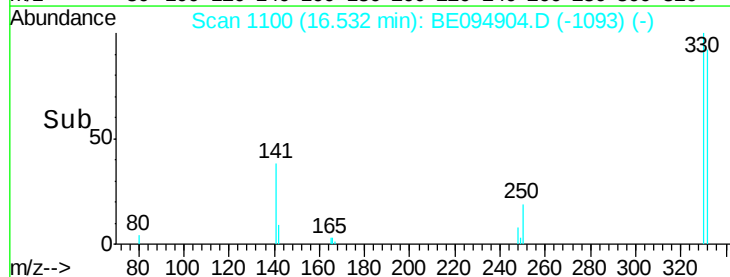
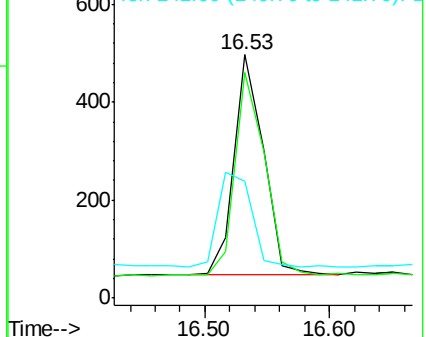
141 49.7 33.7 50.5

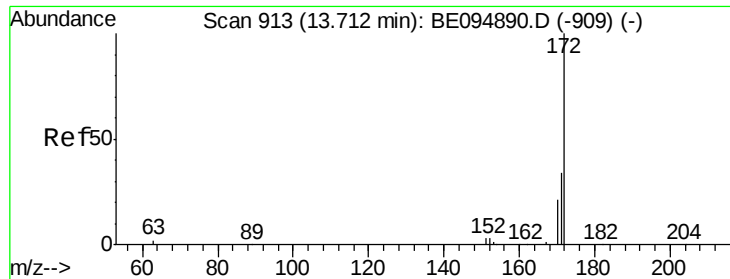


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

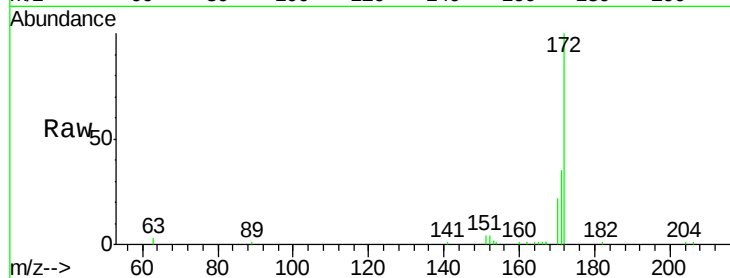




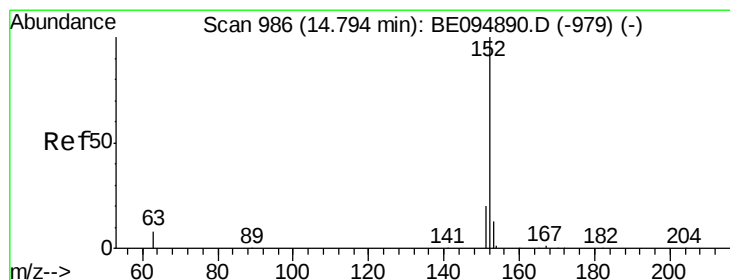
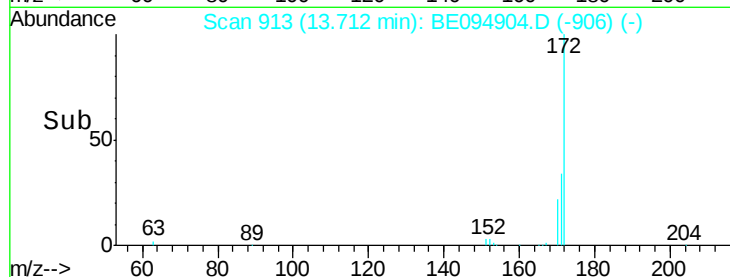
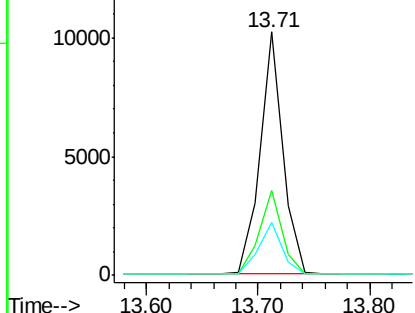
#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 14444
Ion Ratio Lower Upper
172 100
171 34.7 29.9 44.9
170 21.9 21.8 32.8

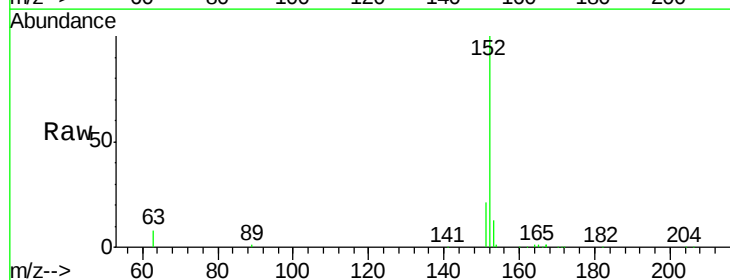


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

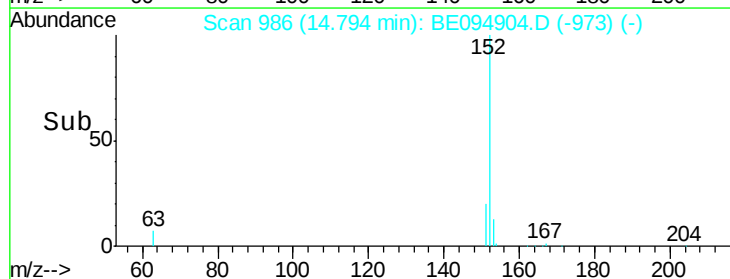
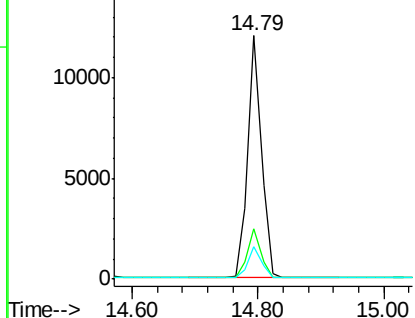


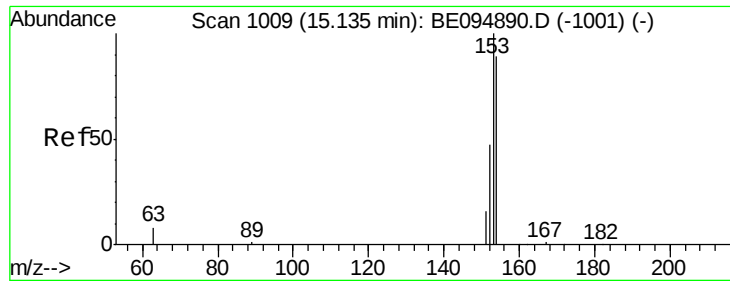
#16
Acenaphthylene
Concen: 0.38 ng
RT: 14.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion:152 Resp: 18385
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.0 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: 0.39 ng

RT: 15.13 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

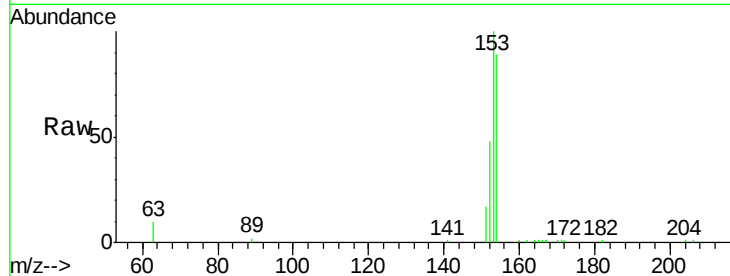
Tot Ion:154 Resp: 12126

Ion Ratio Lower Upper

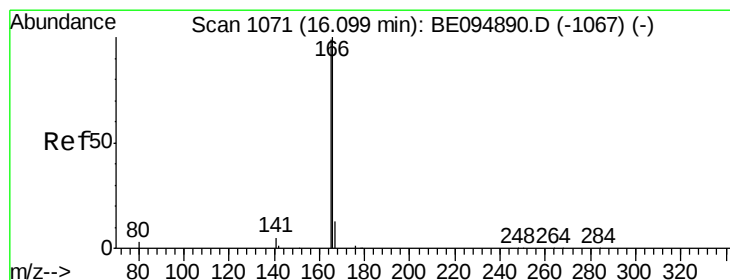
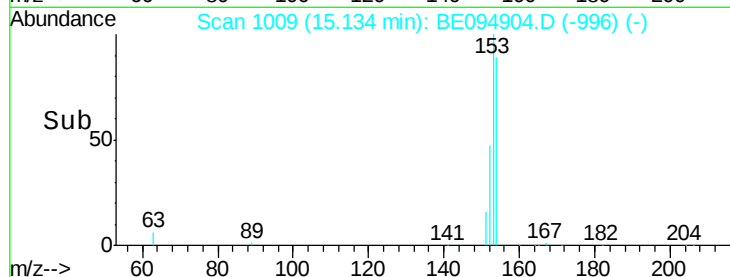
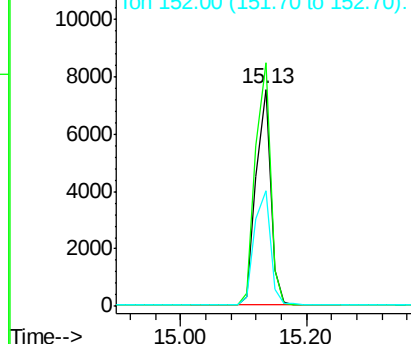
154 100

153 114.3 89.2 133.8

152 57.3 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: 0.40 ng

RT: 16.10 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

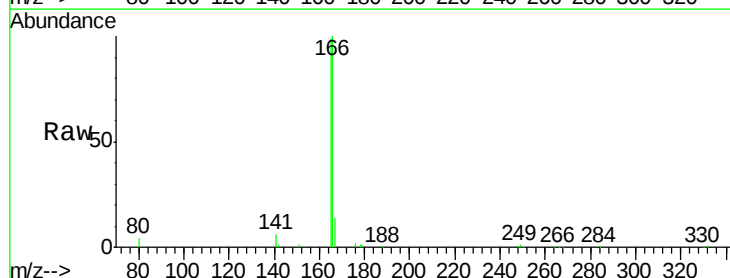
Tgt Ion:166 Resp: 15619

Ion Ratio Lower Upper

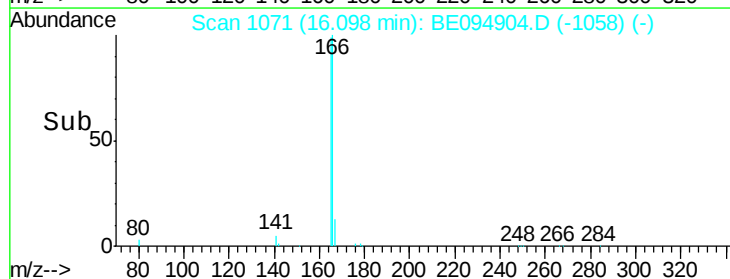
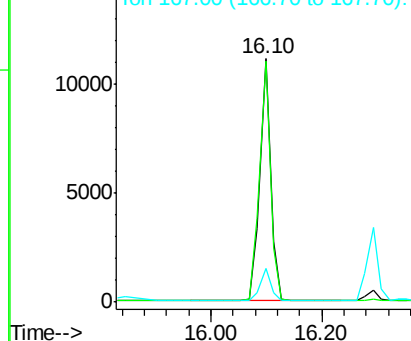
166 100

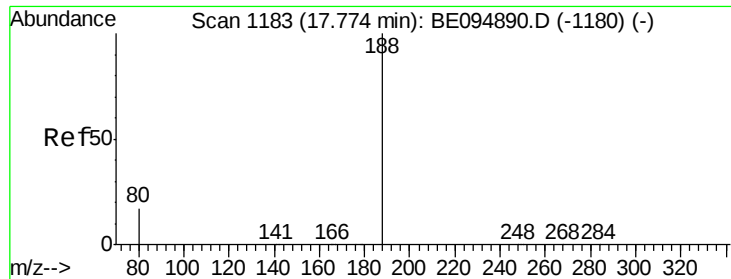
165 99.9 77.8 116.6

167 13.3 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: 0.40 ng

RT: 17.77 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

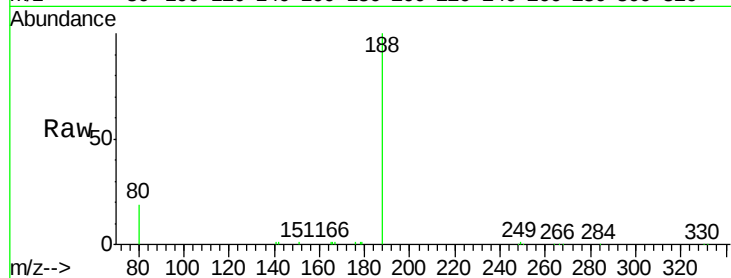
Tot Ion:188 Resp: 21501

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

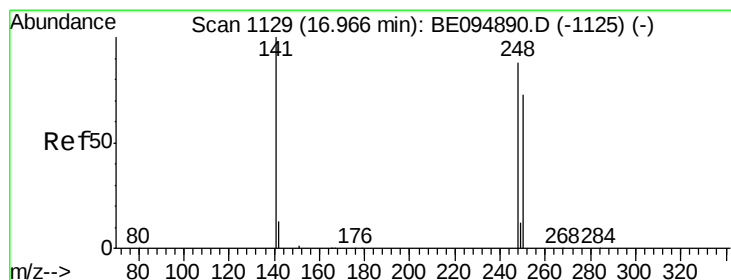
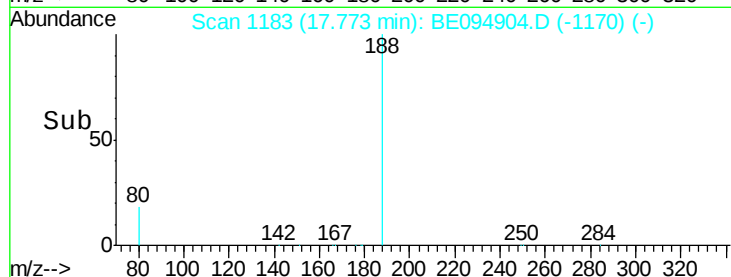
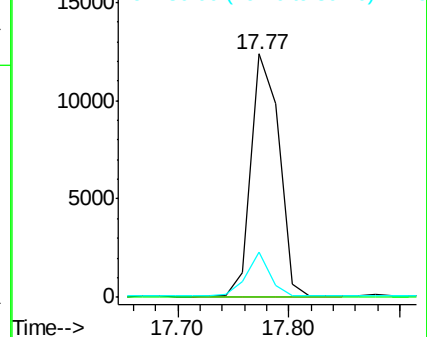
80 18.8 3.6 5.4#



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: 0.40 ng

RT: 16.97 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

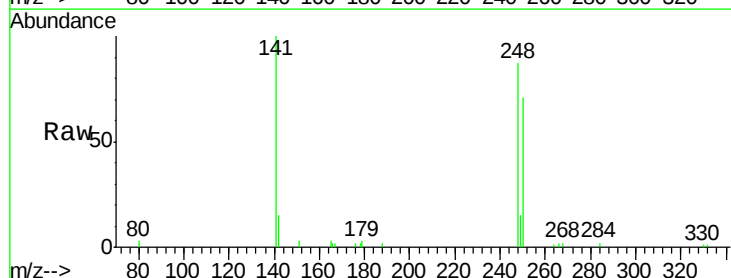
Tgt Ion:248 Resp: 4758

Ion Ratio Lower Upper

248 100

250 81.9 62.7 94.1

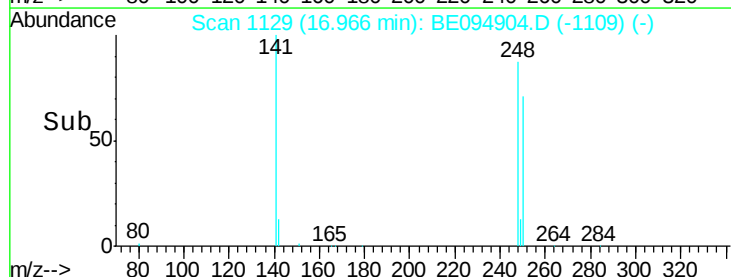
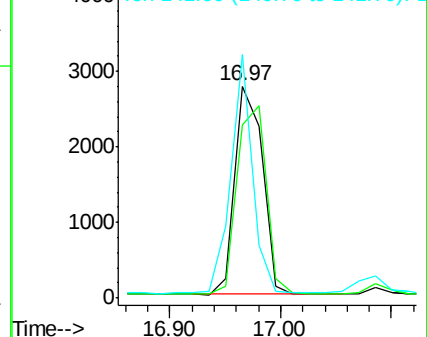
141 115.1 48.2 72.2#

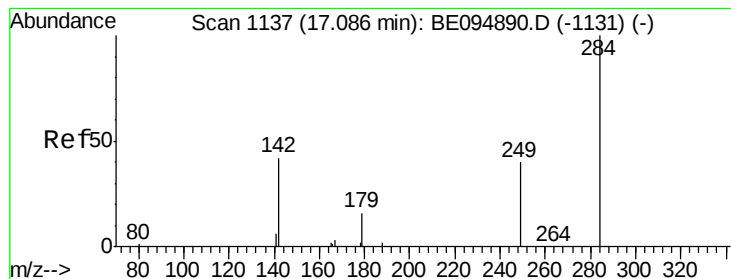


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.40 ng

RT: 17.09 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

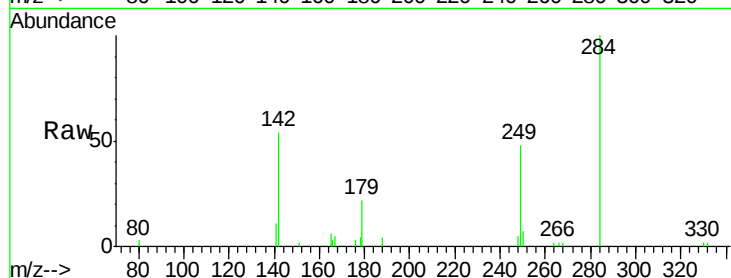
Tot Ion:284 Resp: 4704

Ion Ratio Lower Upper

284 100

142 46.6 22.1 33.1#

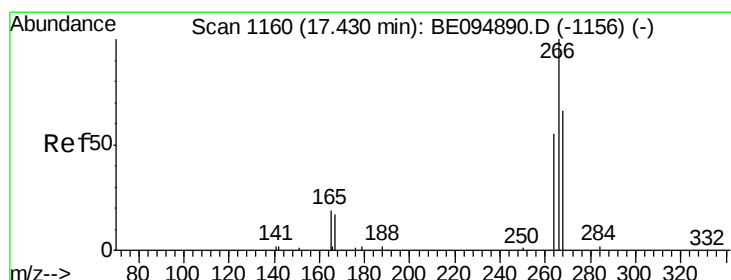
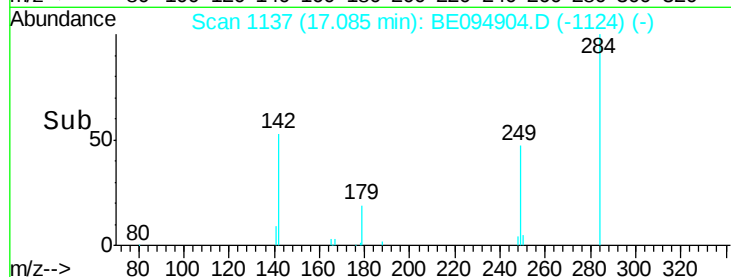
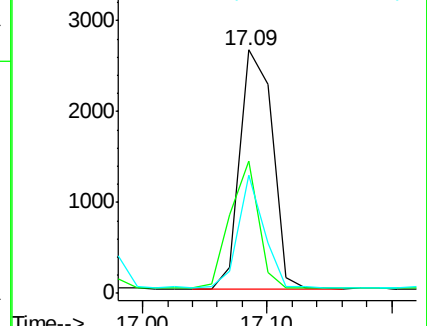
249 37.2 34.8 52.2



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: 0.43 ng

RT: 17.43 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

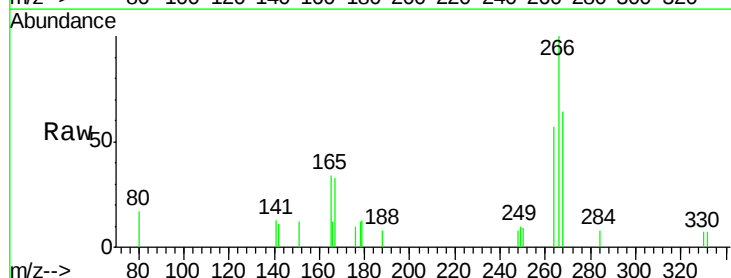
Tgt Ion:266 Resp: 1140

Ion Ratio Lower Upper

266 100

264 57.5 72.5 108.7#

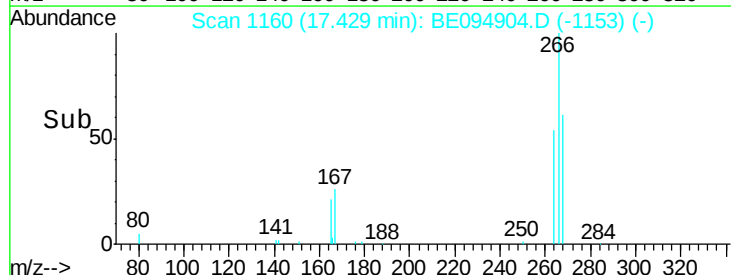
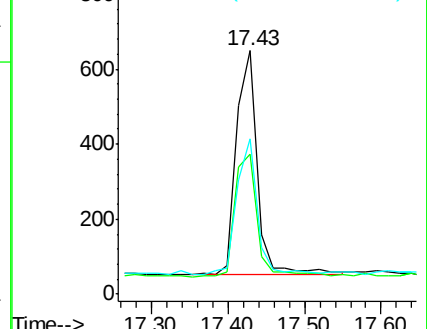
268 63.9 73.8 110.6#

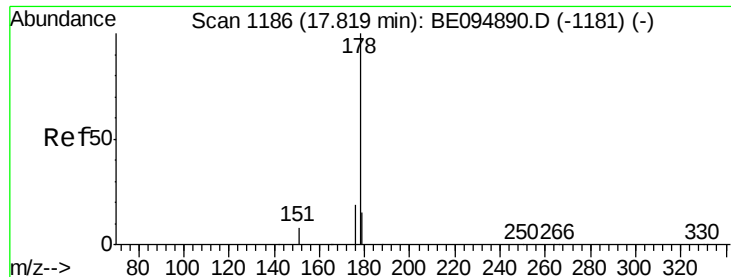


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.40 ng

RT: 17.82 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

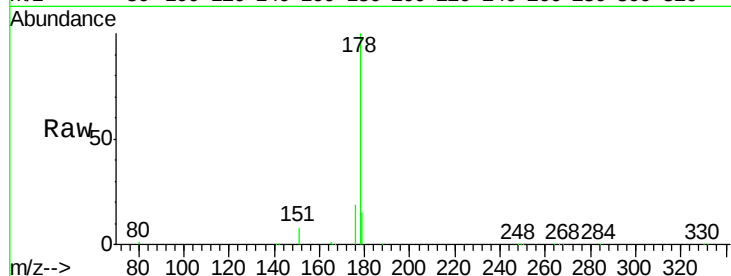
Tot Ion:178 Resp: 27330

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

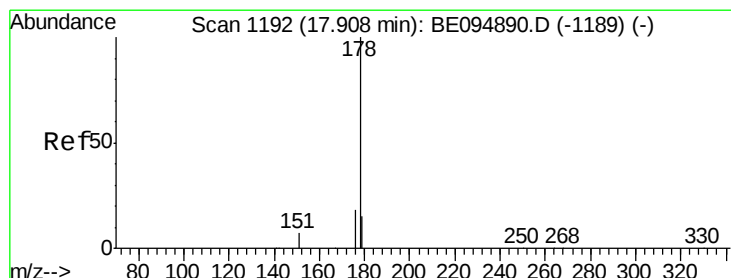
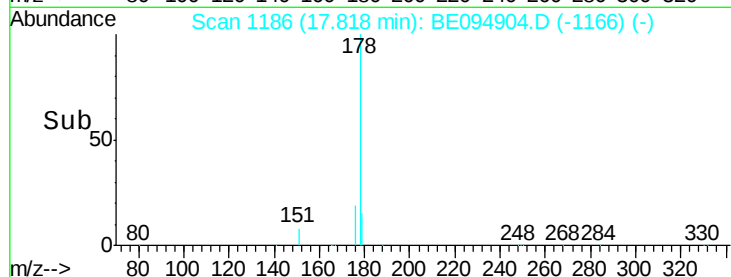
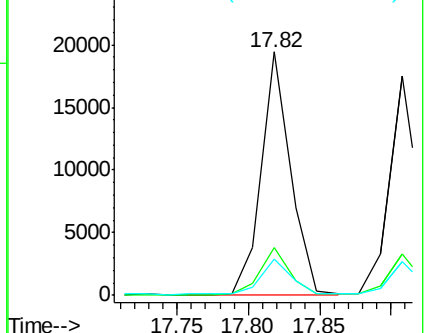
179 15.4 11.8 17.6



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: 0.39 ng

RT: 17.91 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

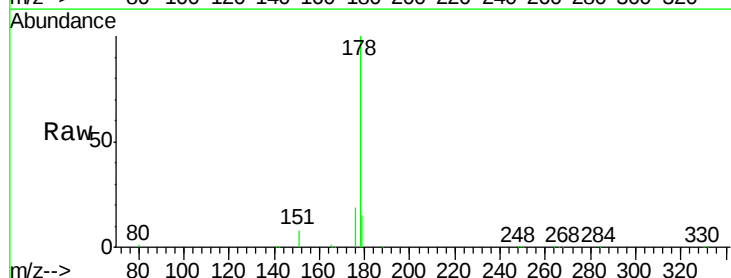
Tgt Ion:178 Resp: 28077

Ion Ratio Lower Upper

178 100

176 20.8 12.8 19.2#

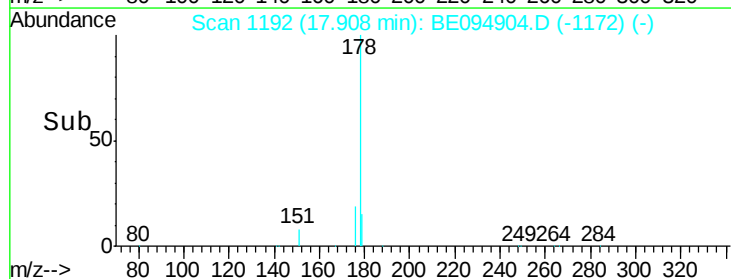
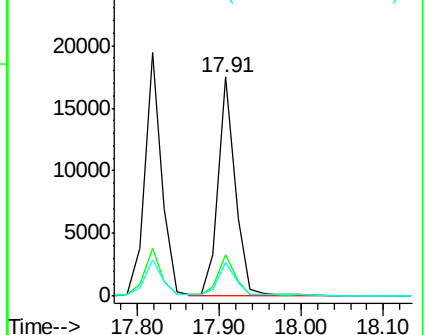
179 17.4 13.0 19.6

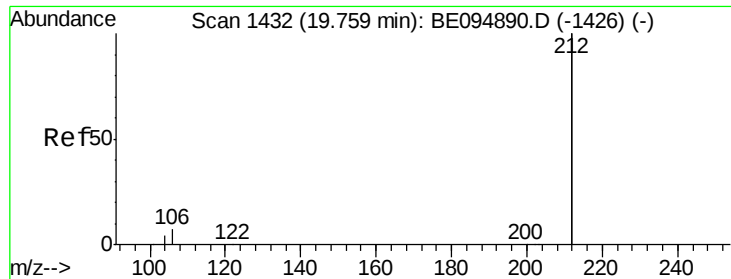


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

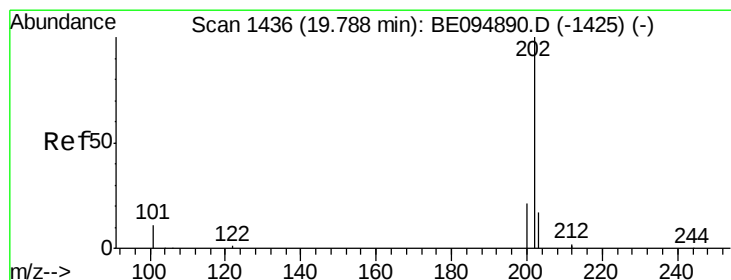
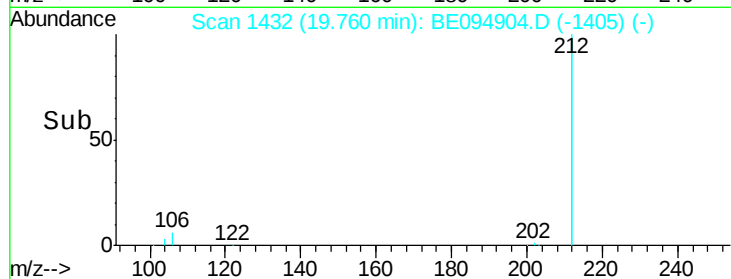
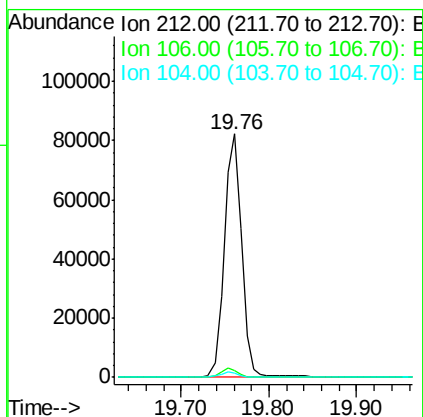
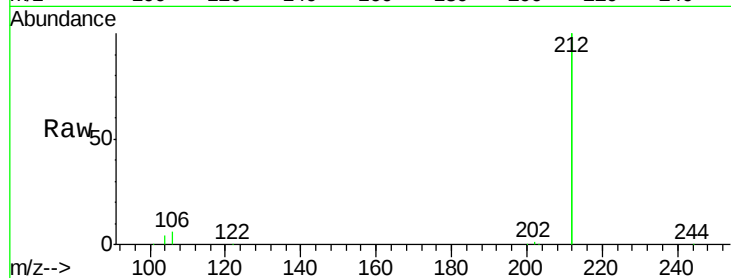




#25
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

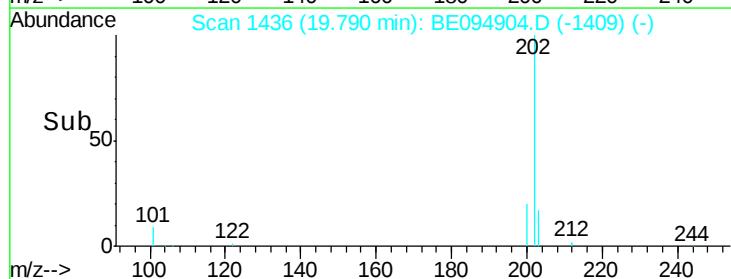
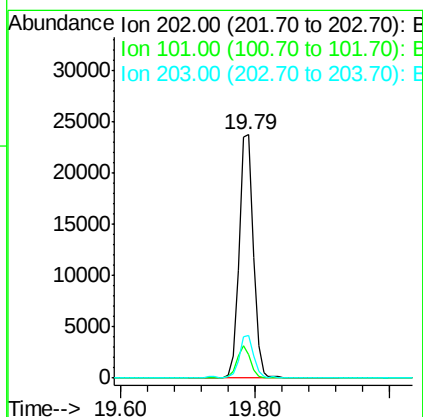
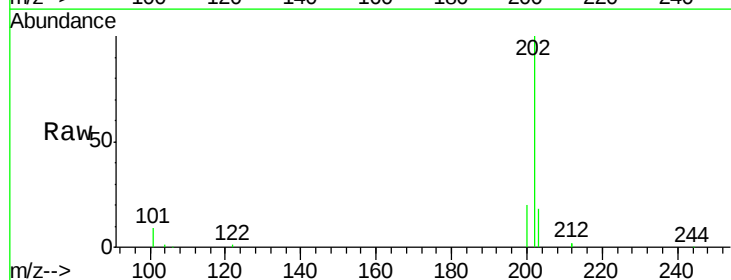
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

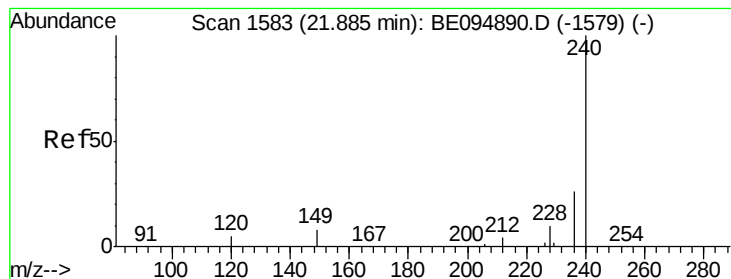
Tot Ion:212 Resp: 112054
Ion Ratio Lower Upper
212 100
106 3.5 2.8 4.2
104 2.0 1.6 2.4



#26
Fluoranthene
Concen: 0.38 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion:202 Resp: 33811
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.8
203 17.0 13.7 20.5





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.88 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

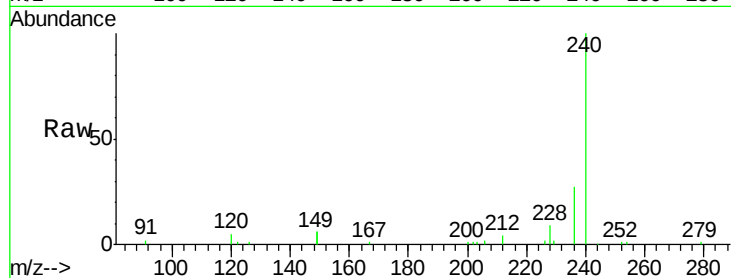
Tot Ion:240 Resp: 24695

Ion Ratio Lower Upper

240 100

120 4.7 5.5 8.3#

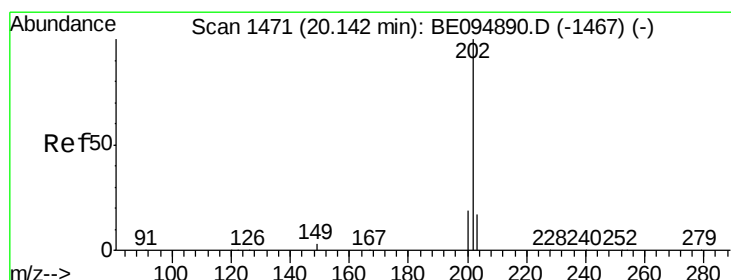
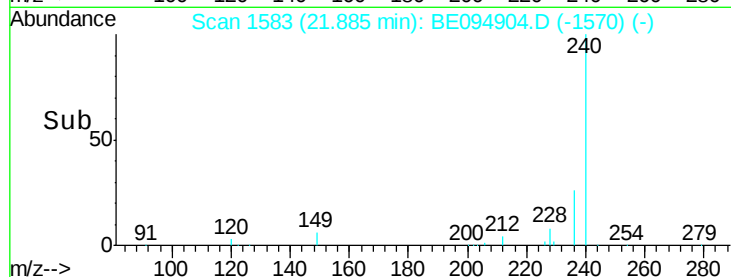
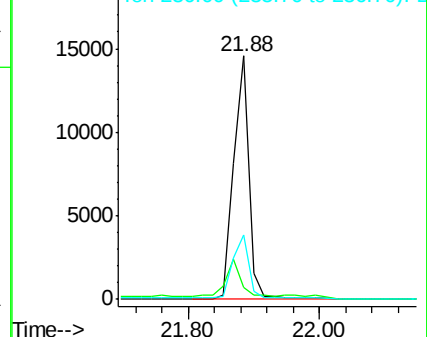
236 26.5 20.7 31.1



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: 0.40 ng

RT: 20.14 min Scan# 1471

Delta R.T. -0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

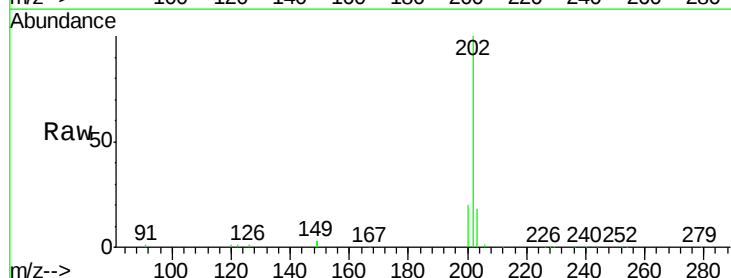
Tgt Ion:202 Resp: 34093

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

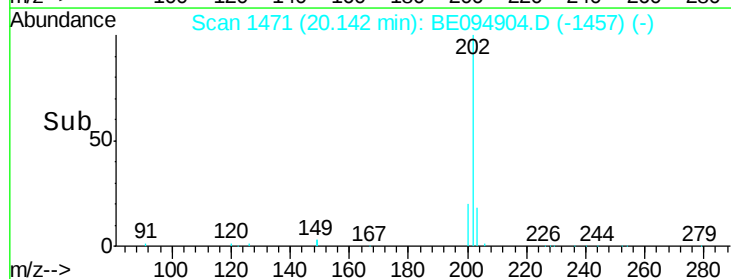
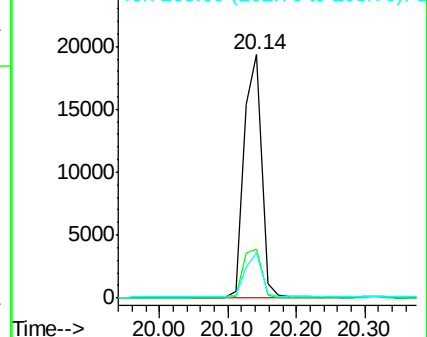
203 17.4 13.8 20.8

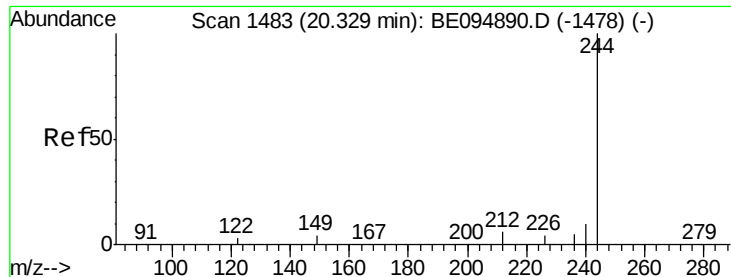


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.40 ng

RT: 20.33 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

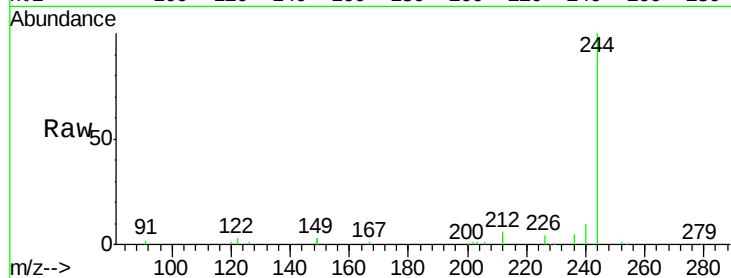
Tot Ion:244 Resp: 18314

Ion Ratio Lower Upper

244 100

212 6.2 25.4 38.0#

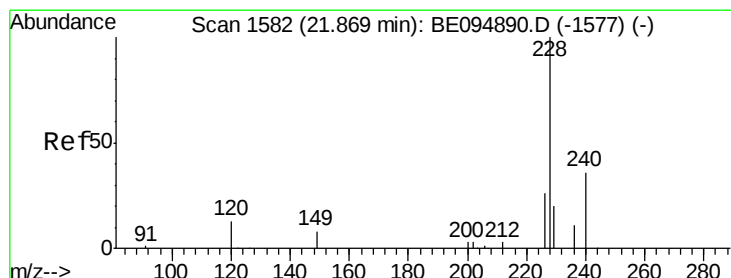
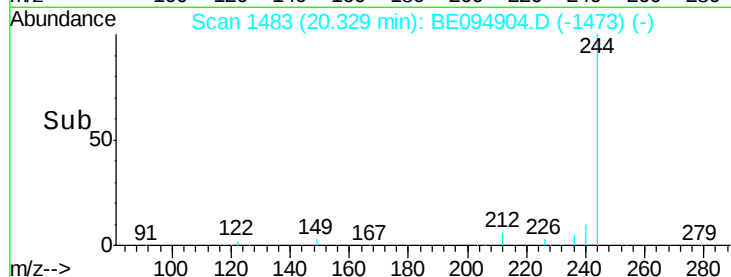
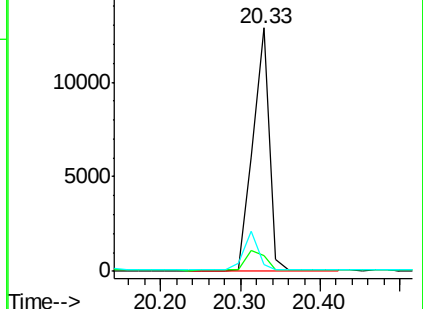
122 2.8 8.1 12.1#



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: 0.39 ng

RT: 21.85 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

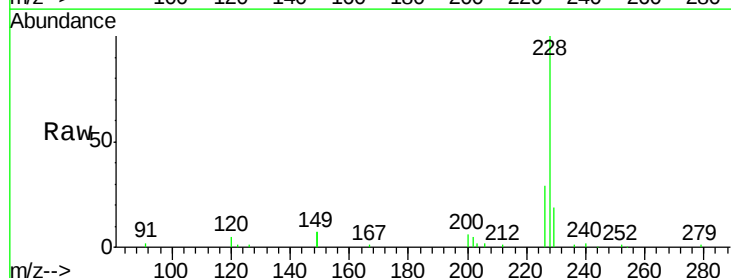
Tgt Ion:228 Resp: 29433

Ion Ratio Lower Upper

228 100

226 29.3 40.0 60.0#

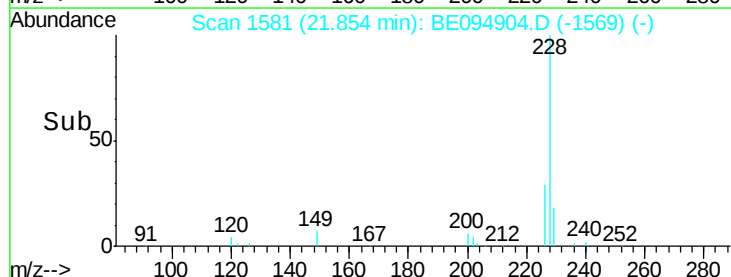
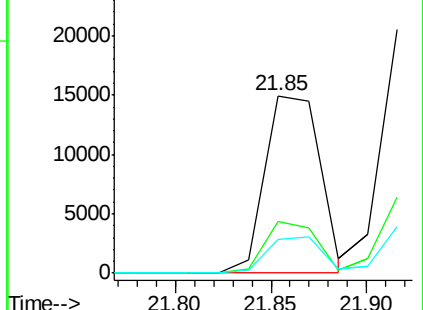
229 18.7 40.0 60.0#

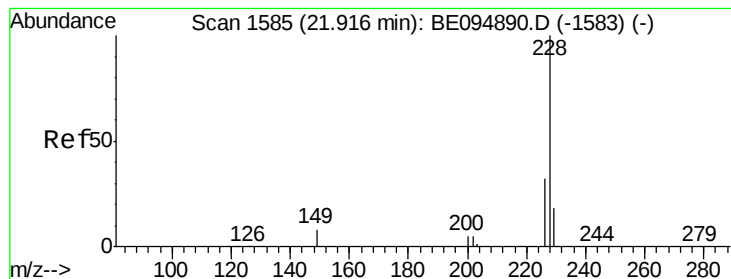


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.39 ng

RT: 21.92 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

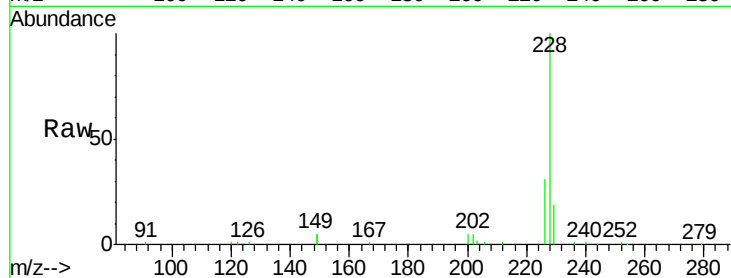
Tot Ion:228 Resp: 32966

Ion Ratio Lower Upper

228 100

226 31.1 40.0 60.0#

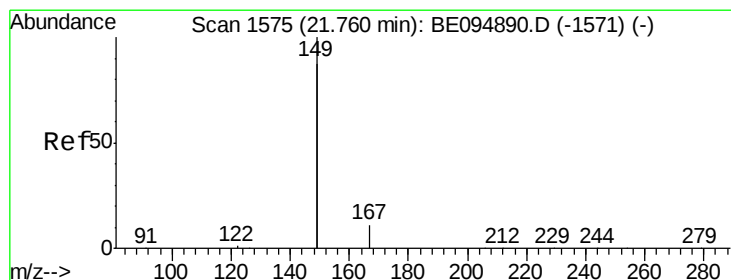
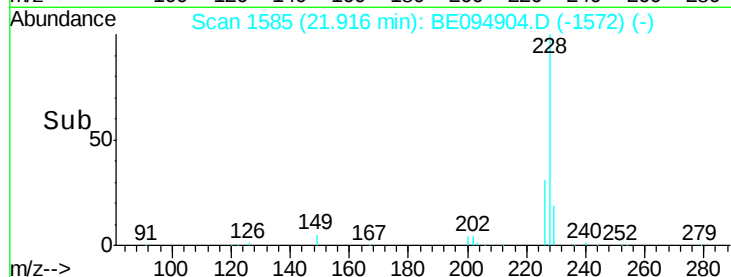
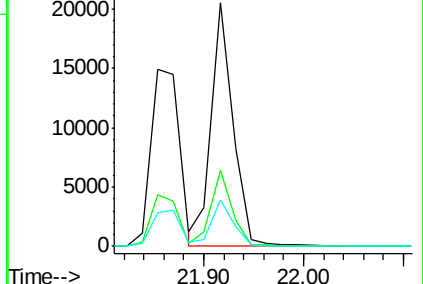
229 19.2 40.0 60.0#



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: 0.32 ng

RT: 21.76 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

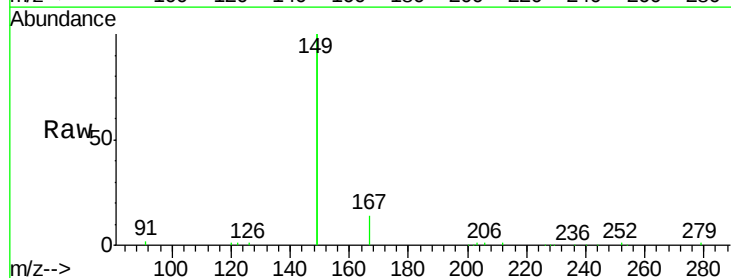
Tgt Ion:149 Resp: 39854

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

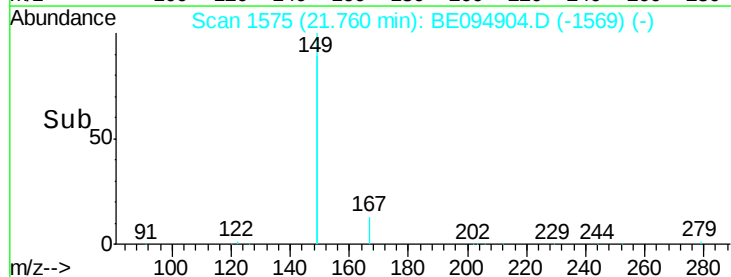
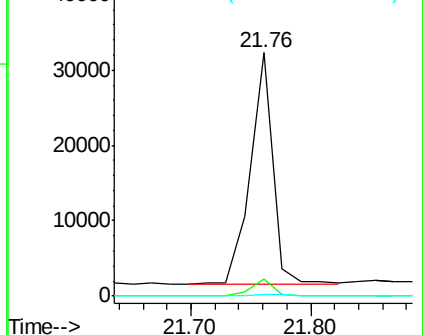
279 0.7 0.7 1.1

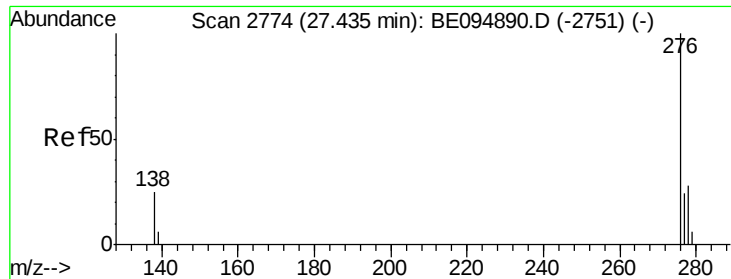


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

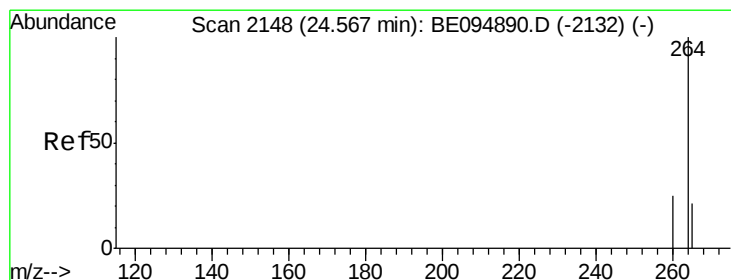
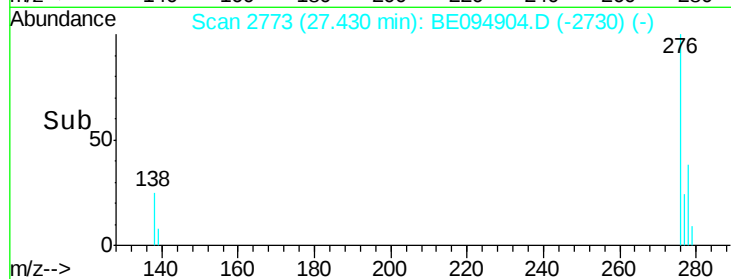
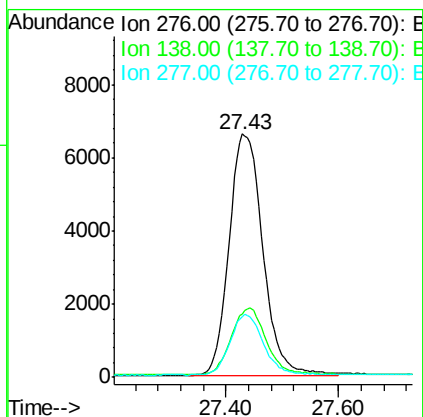
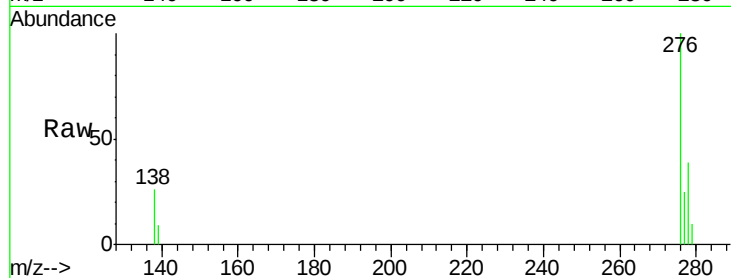




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.39 ng
RT: 27.43 min Scan# 2773
Delta R.T. -0.01 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

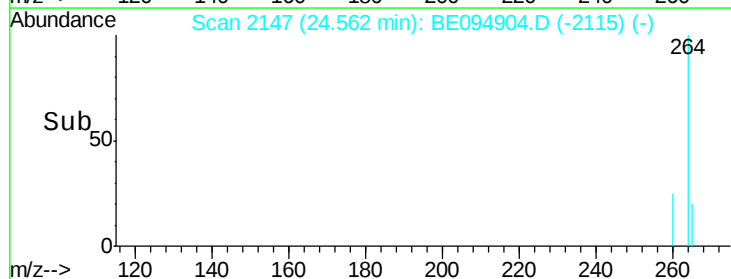
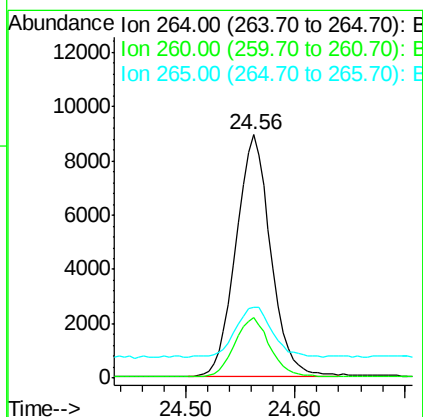
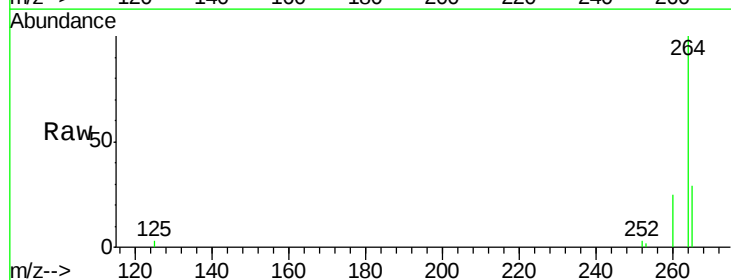
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

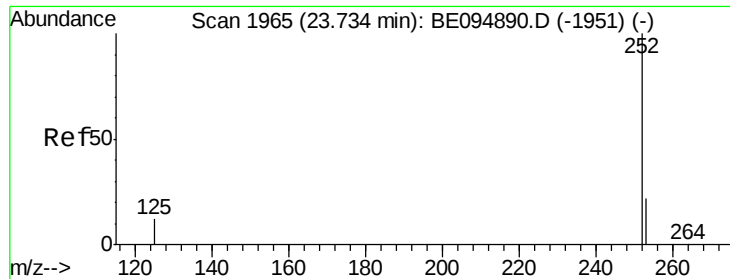
Tot Ion:276 Resp: 26720
Ion Ratio Lower Upper
276 100
138 28.8 22.5 33.7
277 24.7 19.9 29.9



#34
Perylene-d12
Concen: 0.40 ng
RT: 24.56 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion:264 Resp: 19714
Ion Ratio Lower Upper
264 100
260 25.0 20.5 30.7
265 28.9 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.39 ng

RT: 23.73 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

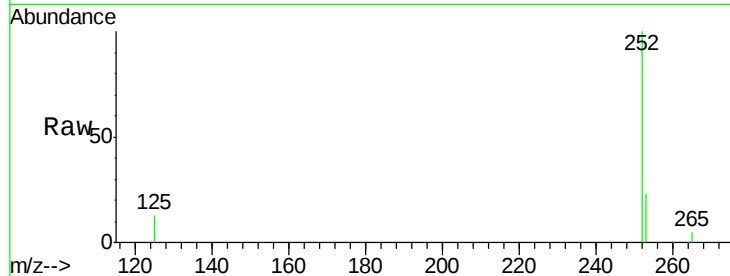
Tot Ion:252 Resp: 28256

Ion Ratio Lower Upper

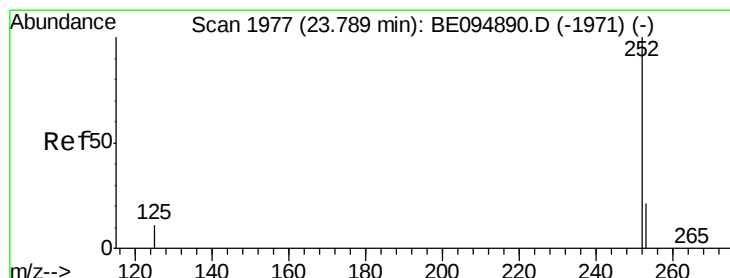
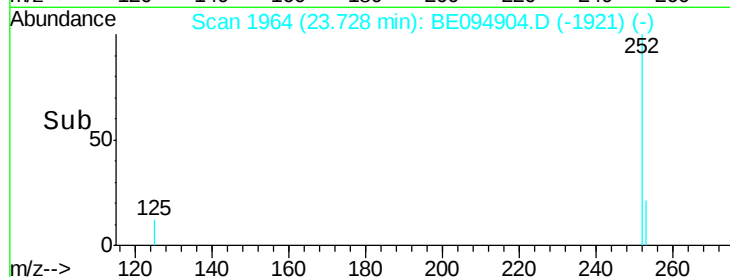
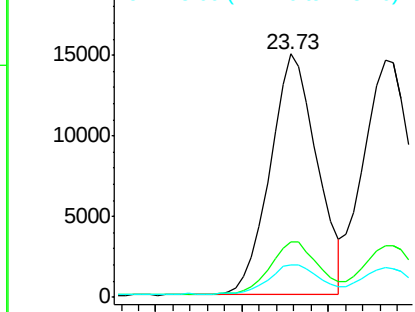
252 100

253 22.6 48.0 72.0#

125 13.1 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



#36

Benzo(k)fluoranthene

Concen: 0.39 ng

RT: 23.78 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BE094904.D

Acq: 1 Dec 2017 14:41

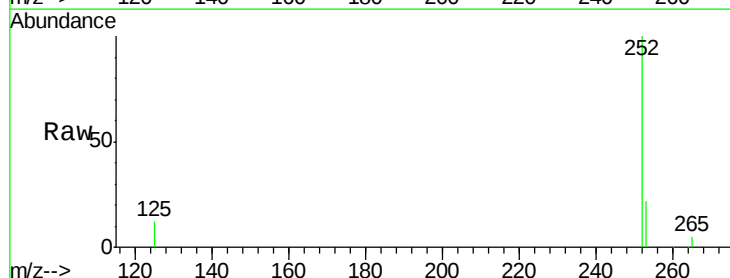
Tgt Ion:252 Resp: 28945

Ion Ratio Lower Upper

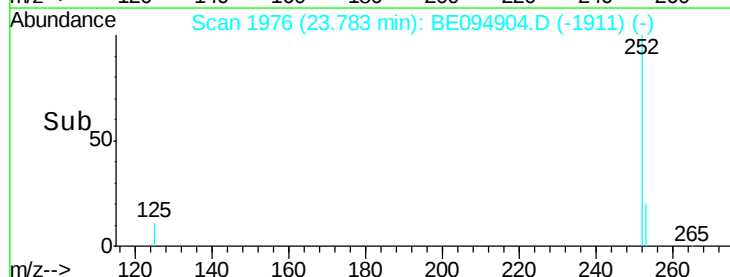
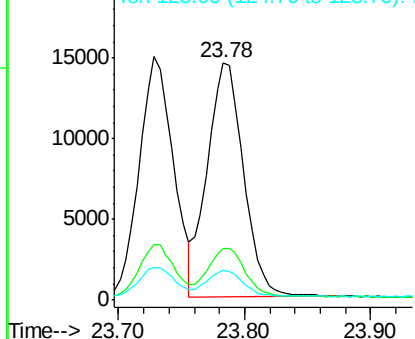
252 100

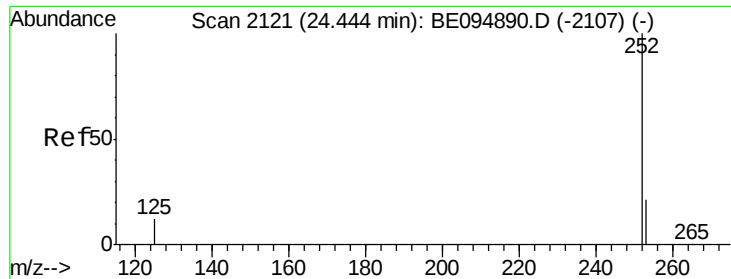
253 21.7 48.0 72.0#

125 12.4 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

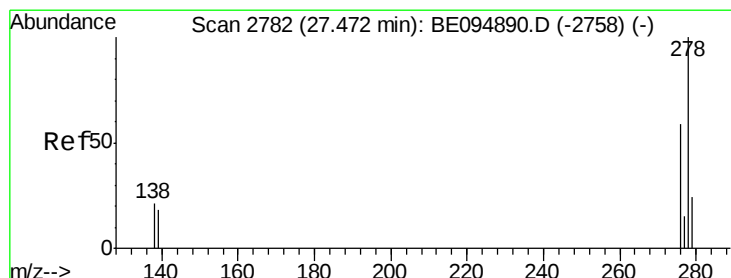
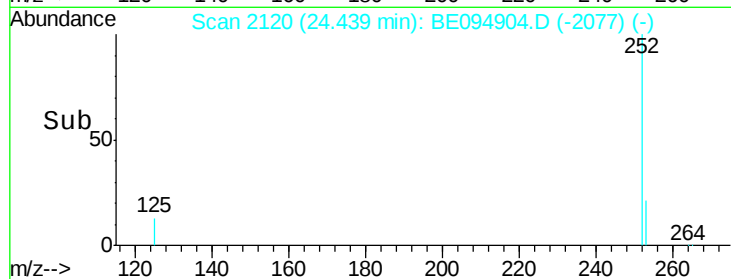
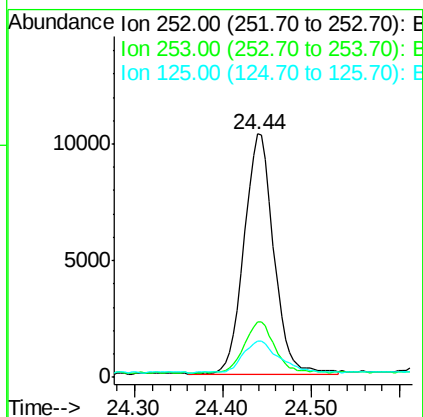
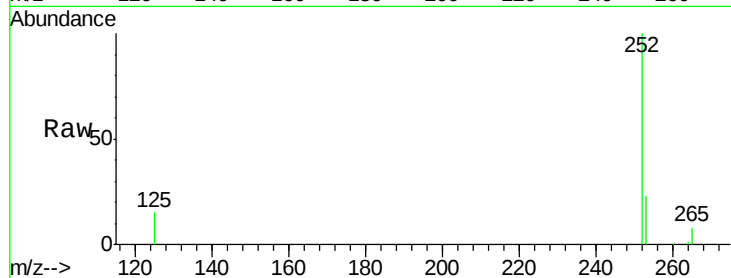




#37
Benzo(a)pyrene
Concen: 0.38 ng
RT: 24.44 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

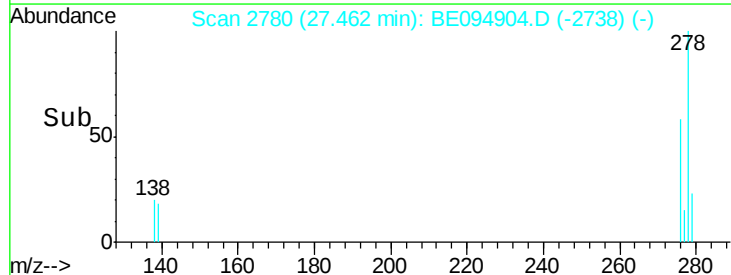
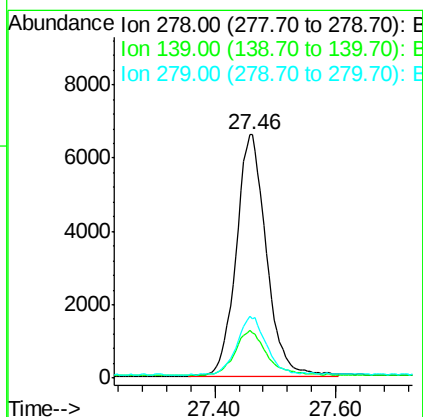
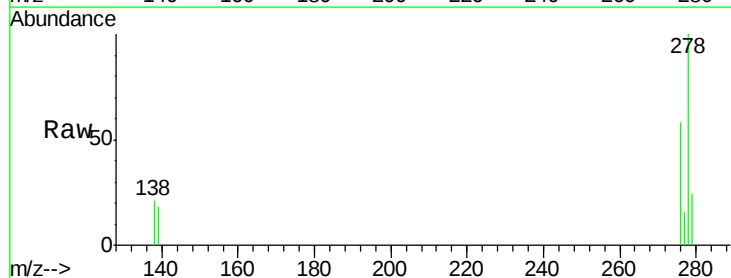
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

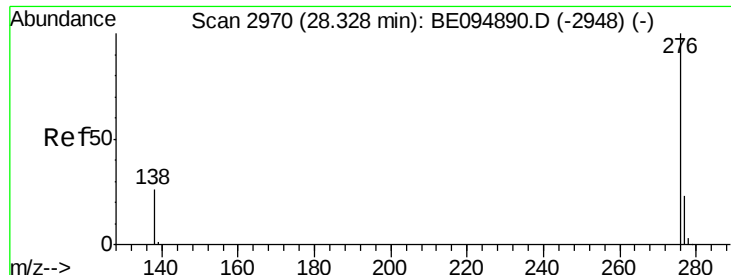
Tot Ion:252 Resp: 24124
Ion Ratio Lower Upper
252 100
253 22.8 52.0 78.0#
125 15.1 68.0 102.0#



#38
Dibenzo(a,h)anthracene
Concen: 0.39 ng
RT: 27.46 min Scan# 2780
Delta R.T. -0.01 min
Lab File: BE094904.D
Acq: 1 Dec 2017 14:41

Tgt Ion:278 Resp: 22671
Ion Ratio Lower Upper
278 100
139 18.5 56.0 84.0#
279 24.3 52.0 78.0#





#39

Benzo(a,h,i)perylene

Concen: 0.38 ng

RT: 28.32 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BE094904.D

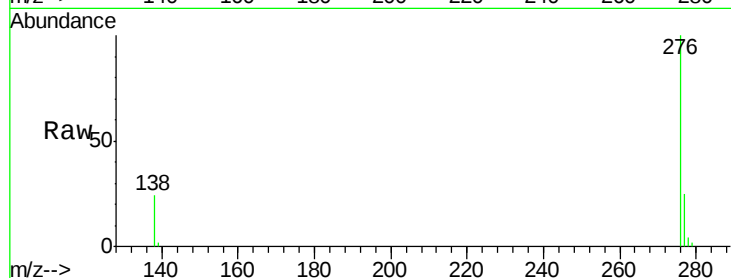
Acq: 1 Dec 2017 14:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tot Ion:276 Resp: 22326

Ion Ratio Lower Upper

276 100

277 25.3 52.0 78.0#

138 23.9 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

