

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120117\
 Data File : BE094913.D
 Acq On : 1 Dec 2017 19:58
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 02 00:37:09 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	8.48	152	7034	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	14572	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	8379	0.40	ng	-0.02
19) Phenanthrene-d10	17.77	188	21896	0.40	ng	0.00
27) Chrysene-d12	21.89	240	24759	0.40	ng	0.00
34) Perylene-d12	24.56	264	19874	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.95	112	4093	0.37	ng	0.00
5) Phenol-d6	7.59	99	6103	0.37	ng	0.00
8) Nitrobenzene-d5	9.67	82	4263	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	9461	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	825	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	14317	0.40	ng	0.00
25) Fluoranthene-d10	19.75	212	112771	0.38	ng	0.00
29) Terphenyl-d14	20.33	244	18401	0.40	ng	0.00

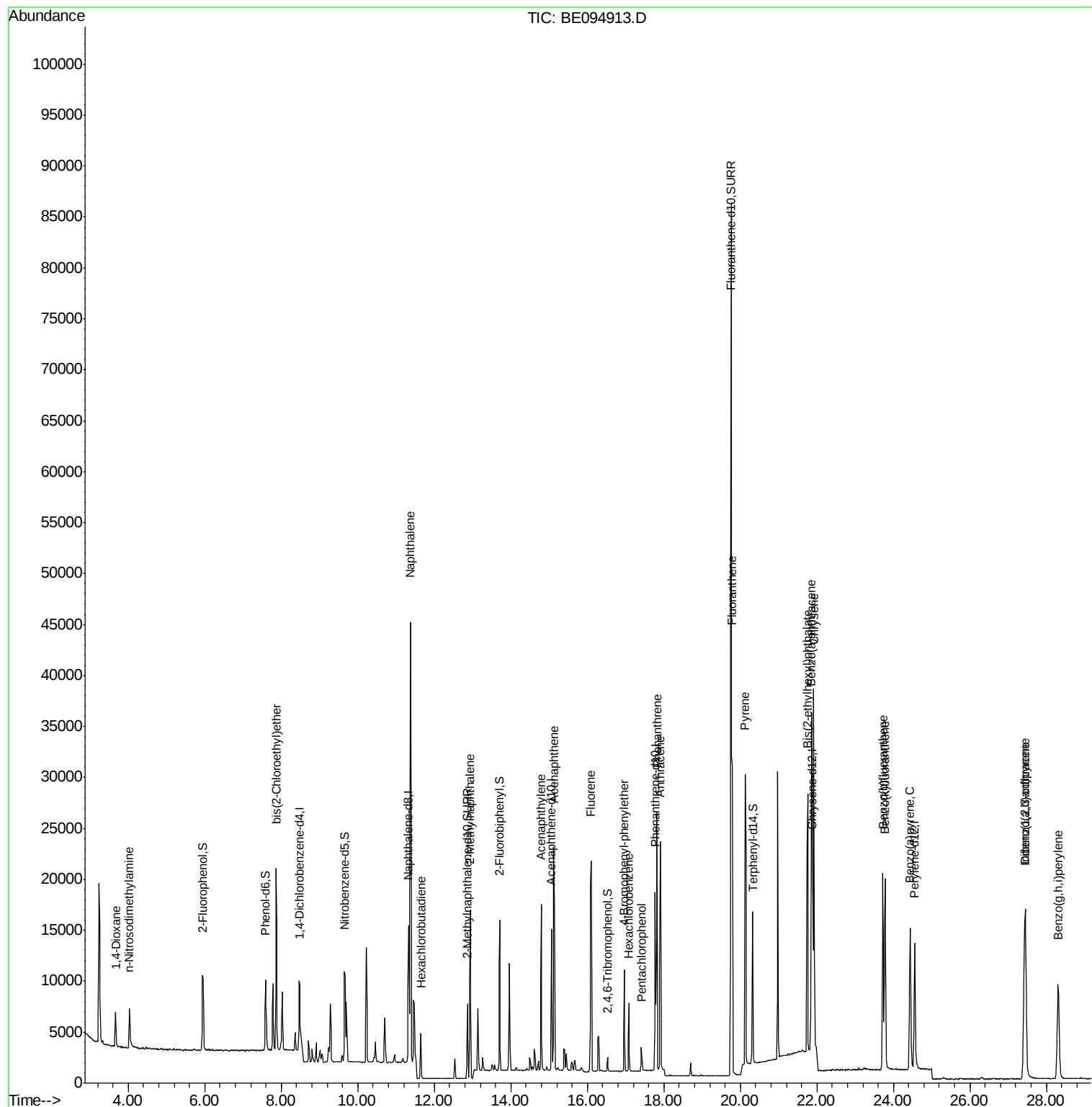
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.68	88	2931	0.40	ng	# 89
3) n-Nitrosodimethylamine	4.02	42	3588	0.38	ng	# 79
6) bis(2-Chloroethyl)ether	7.87	93	5916	0.36	ng	95
9) Naphthalene	11.38	128	68006	0.40	ng	99
10) Hexachlorobutadiene	11.64	225	2906	0.40	ng	97
12) 2-Methylnaphthalene	12.94	142	16944	0.40	ng	97
16) Acenaphthylene	14.79	152	18302	0.39	ng	99
17) Acenaphthene	15.12	154	12266	0.40	ng	95
18) Fluorene	16.10	166	15795	0.41	ng	# 79
20) 4-Bromophenyl-phenylether	16.97	248	4749	0.39	ng	# 79
21) Hexachlorobenzene	17.09	284	4849	0.41	ng	# 78
22) Pentachlorophenol	17.41	266	1174	0.43	ng	# 76
23) Phenanthrene	17.82	178	26963	0.39	ng	98
24) Anthracene	17.91	178	27652	0.37	ng	# 94
26) Fluoranthene	19.78	202	34052	0.38	ng	100
28) Pyrene	20.13	202	33862	0.40	ng	95
30) Benzo(a)anthracene	21.85	228	29552	0.39	ng	# 63
31) Chrysene	21.92	228	33574	0.40	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.76	149	40616	0.32	ng	# 100
33) Indeno(1,2,3-cd)pyrene	27.43	276	26936	0.39	ng	99
35) Benzo(b)fluoranthene	23.73	252	27832	0.38	ng	# 41
36) Benzo(k)fluoranthene	23.78	252	29091	0.39	ng	# 39
37) Benzo(a)pyrene	24.44	252	24381	0.38	ng	# 33
38) Dibenzo(a,h)anthracene	27.45	278	22944	0.39	ng	# 44
39) Benzo(g,h,i)perylene	28.31	276	22526	0.38	ng	# 53

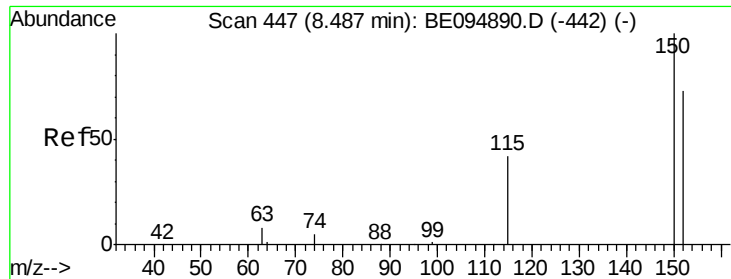
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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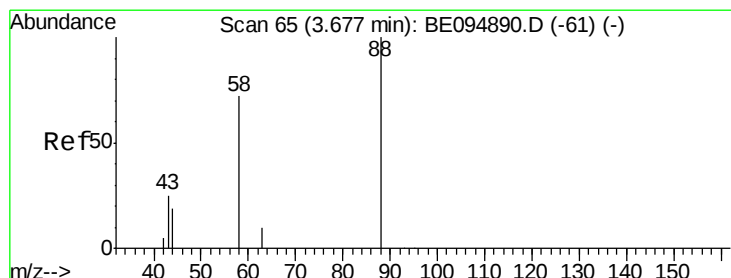
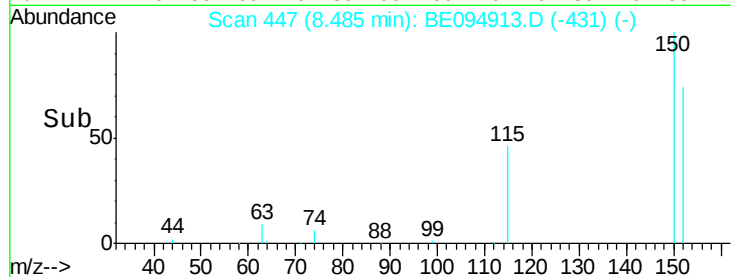
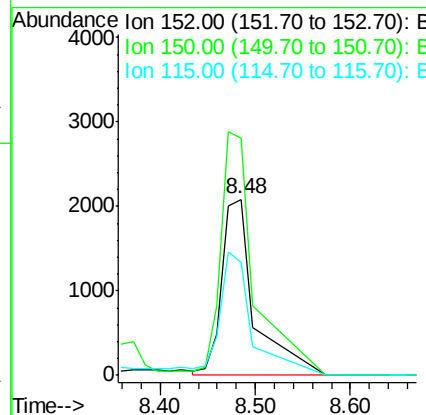
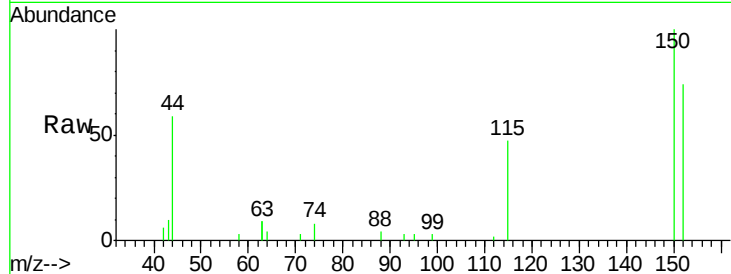


#1

1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094913.D
Acq: 1 Dec 2017 19:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

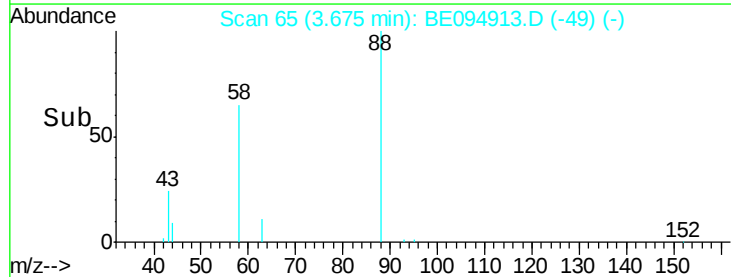
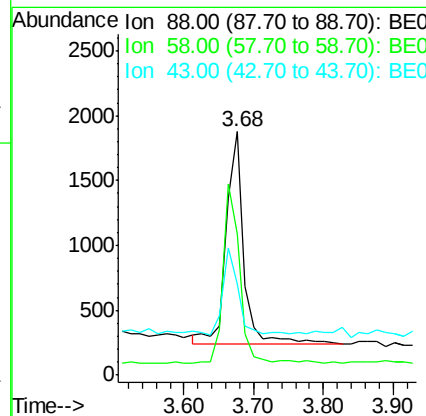
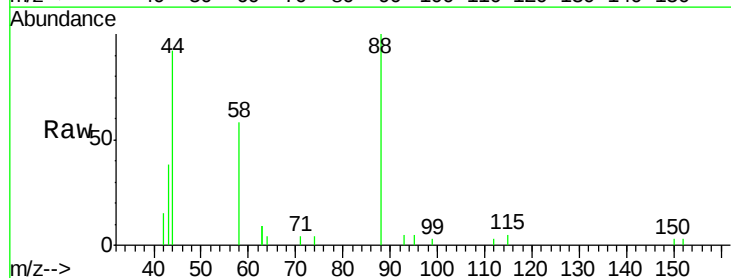
Tot Ion:152 Resp: 7034
Ion Ratio Lower Upper
152 100
150 134.8 117.2 175.8
115 63.9 57.0 85.6

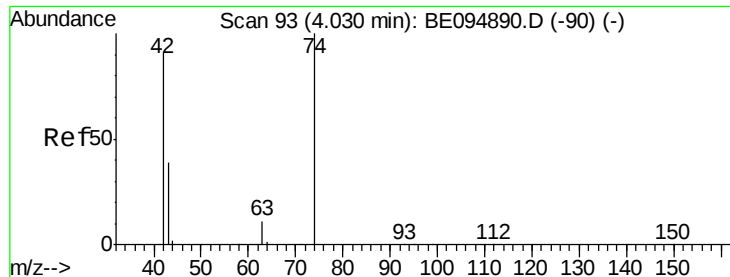


#2

1,4-Dioxane
Concen: 0.40 ng
RT: 3.68 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE094913.D
Acq: 1 Dec 2017 19:58

Tgt Ion: 88 Resp: 2931
Ion Ratio Lower Upper
88 100
58 76.8 63.2 94.8
43 34.2 41.2 61.8#





#3

n-Nitrosodimethylamine

Concen: 0.38 ng

RT: 4.02 min Scan# 92

Delta R.T. -0.01 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

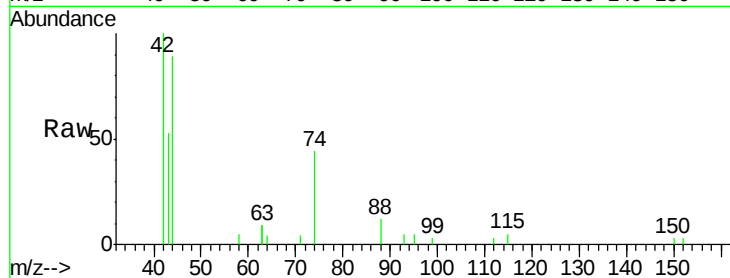
Tot Ion: 42 Resp: 3588

Ion Ratio Lower Upper

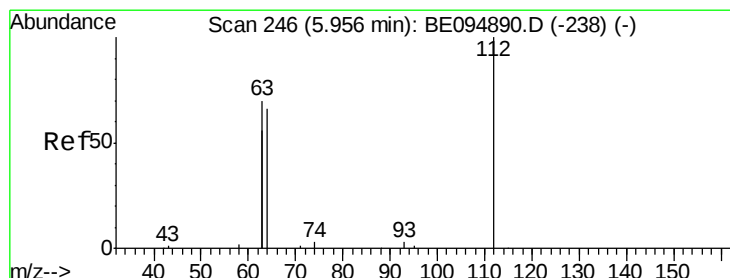
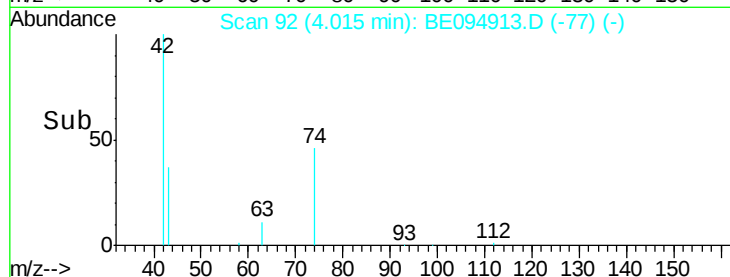
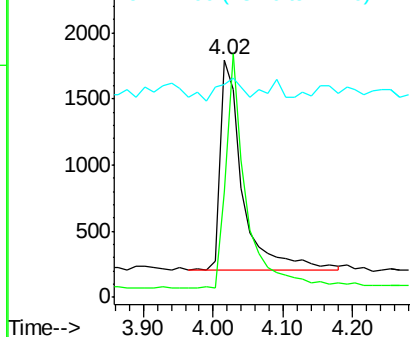
42 100

74 101.2 100.3 150.5

44 11.8 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: 0.37 ng

RT: 5.95 min Scan# 246

Delta R.T. -0.00 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

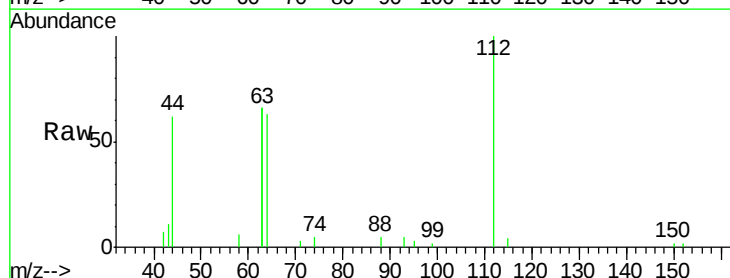
Tgt Ion: 112 Resp: 4093

Ion Ratio Lower Upper

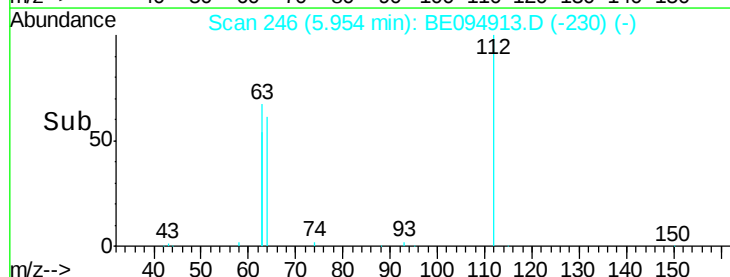
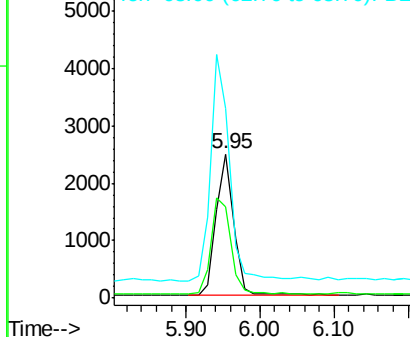
112 100

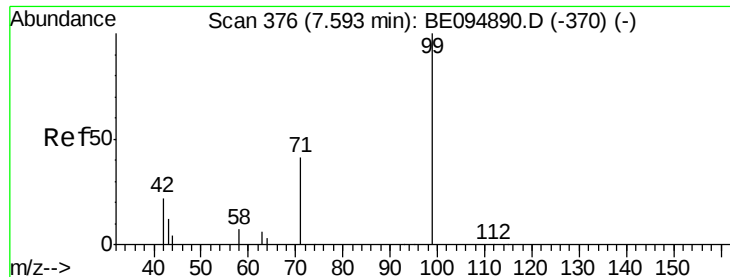
64 76.5 60.1 90.1

63 171.6 116.8 175.2



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: 0.37 ng

RT: 7.59 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

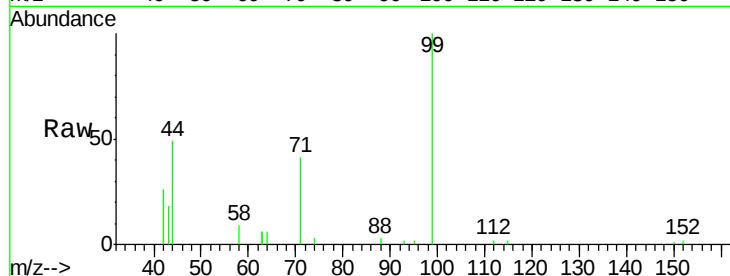
Tot Ion: 99 Resp: 6103

Ion Ratio Lower Upper

99 100

42 25.7 20.2 30.2

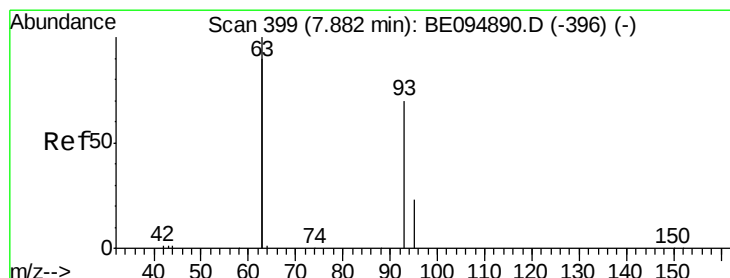
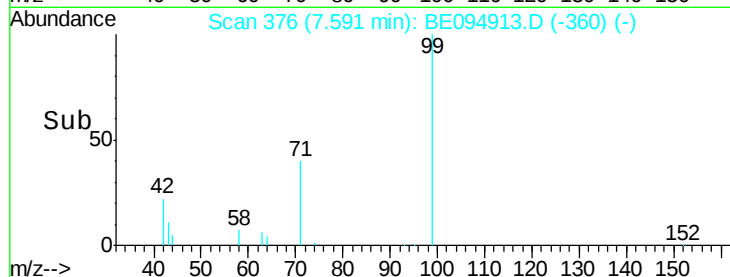
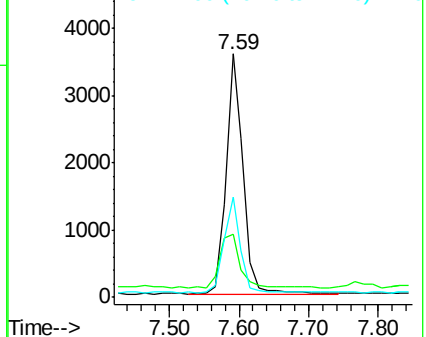
71 38.7 28.4 42.6



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: 0.36 ng

RT: 7.87 min Scan# 398

Delta R.T. -0.01 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

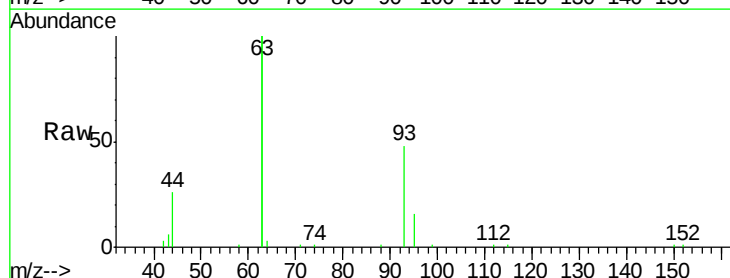
Tgt Ion: 93 Resp: 5916

Ion Ratio Lower Upper

93 100

63 356.0 275.3 412.9

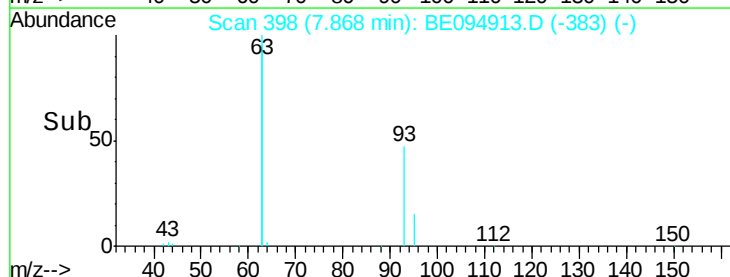
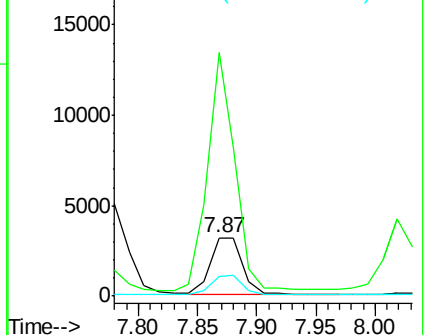
95 34.1 25.2 37.8

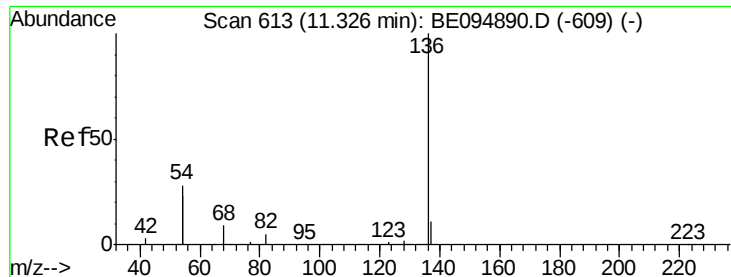


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 14572

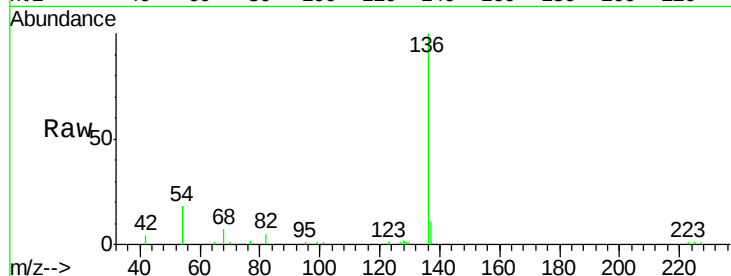
Ion Ratio Lower Upper

136 100

137 10.9 9.5 14.3

54 36.4 29.1 43.7

68 7.4 6.2 9.2

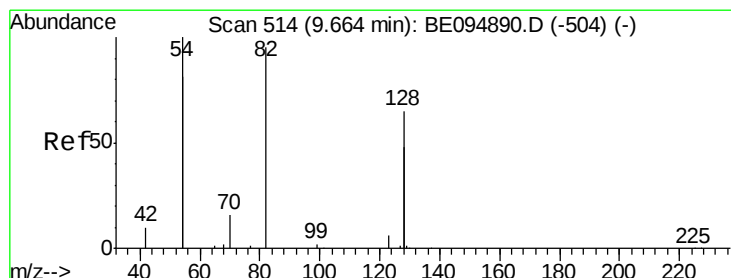
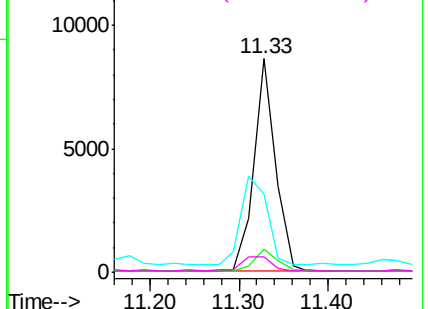
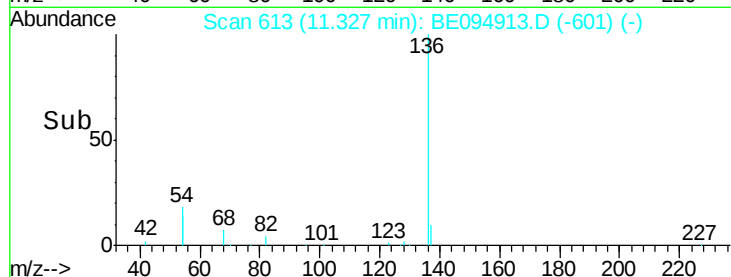


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.49 ng

RT: 9.67 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

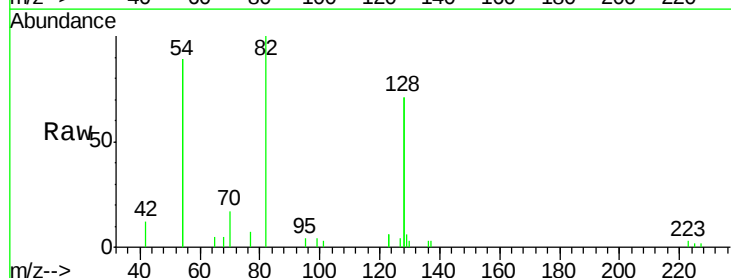
Tgt Ion: 82 Resp: 4263

Ion Ratio Lower Upper

82 100

128 142.9 150.0 225.0#

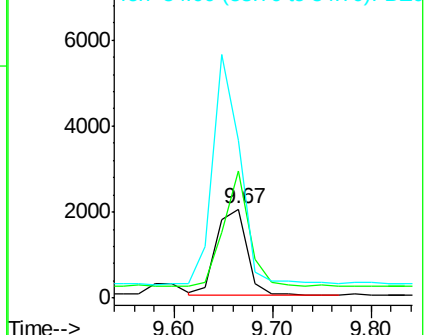
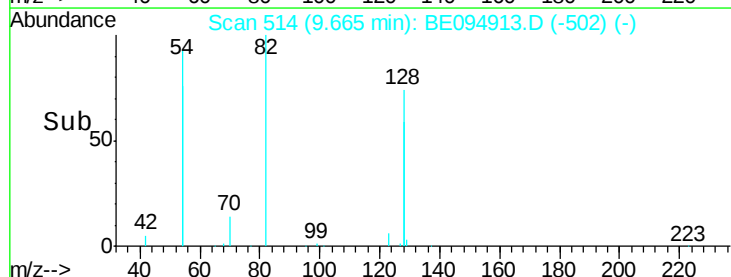
54 178.0 154.2 231.4

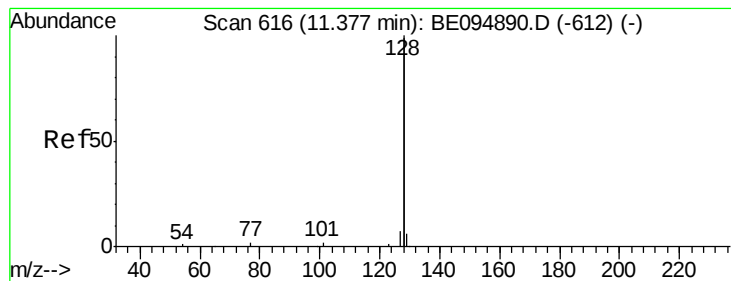


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.40 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

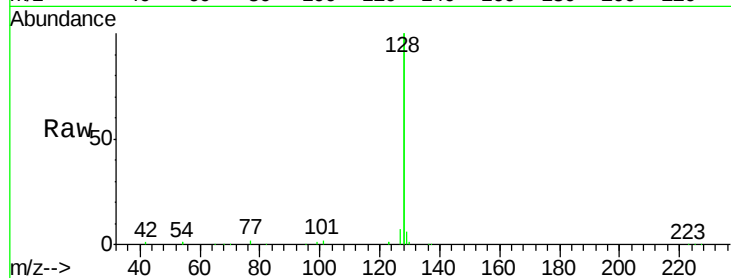
Tot Ion:128 Resp: 68006

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

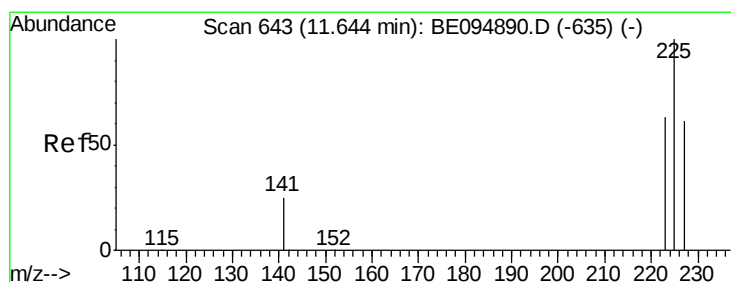
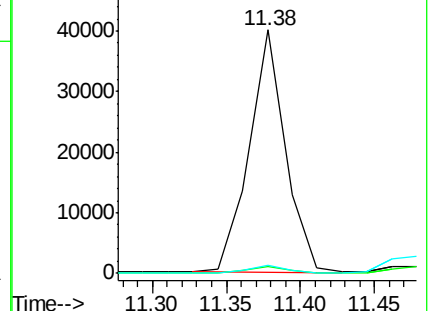
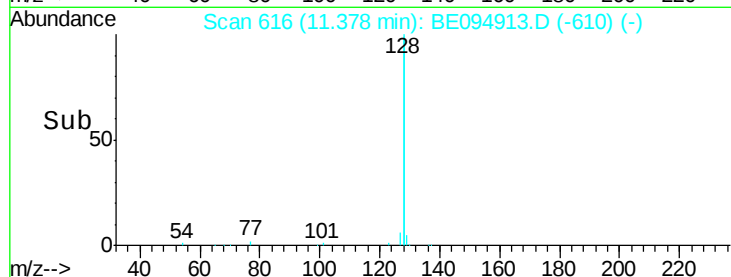
127 3.4 2.8 4.2



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: 0.40 ng

RT: 11.64 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

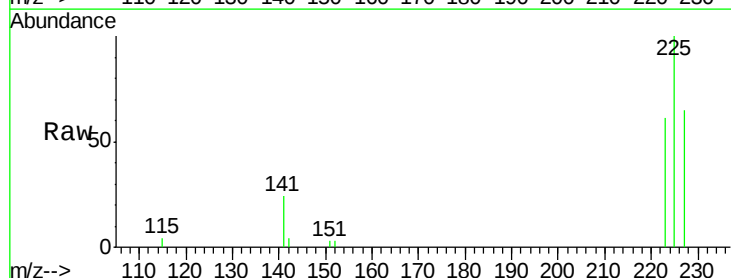
Tgt Ion:225 Resp: 2906

Ion Ratio Lower Upper

225 100

223 62.0 53.0 79.6

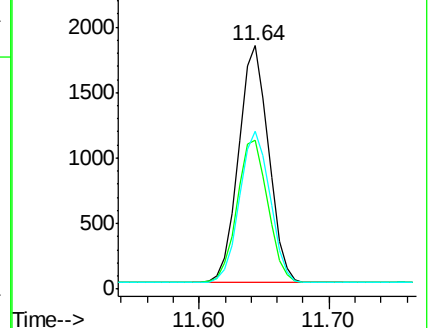
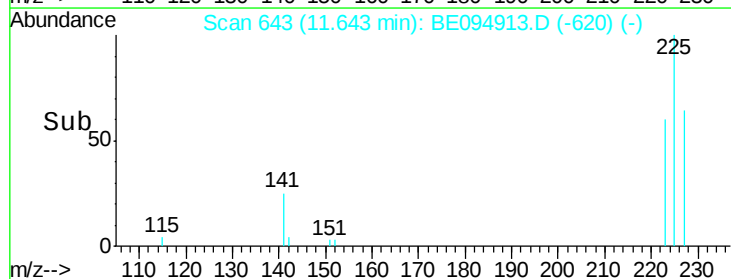
227 64.6 51.4 77.2

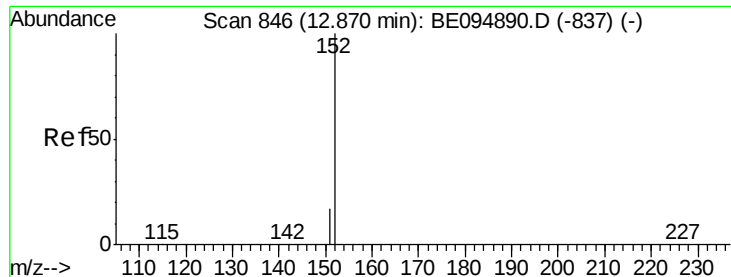


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

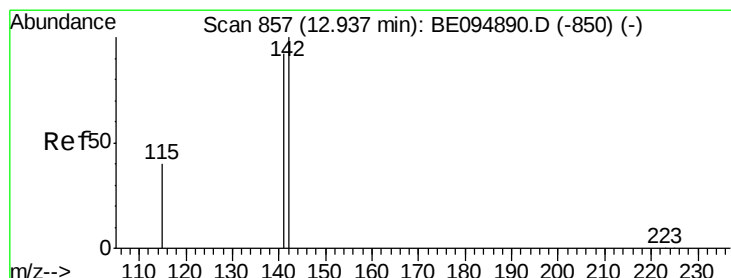
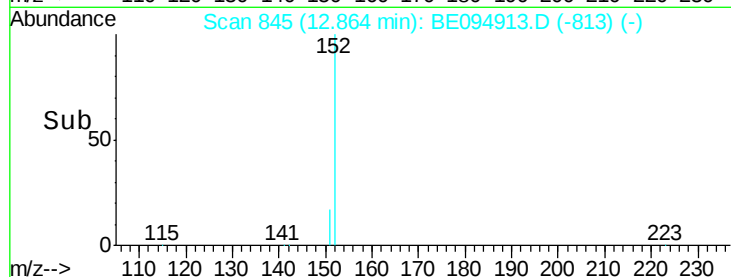
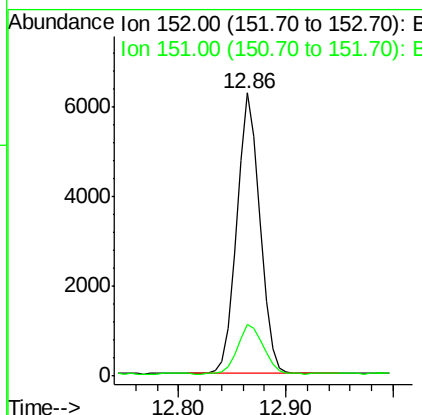
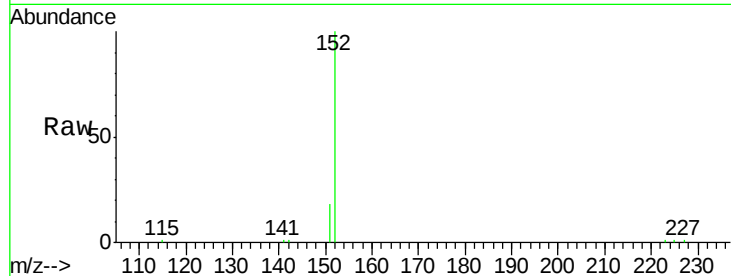




#11
 2-Methylnaphthalene-d10
 Concen: 0.41 ng
 RT: 12.86 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BE094913.D
 Acq: 1 Dec 2017 19:58

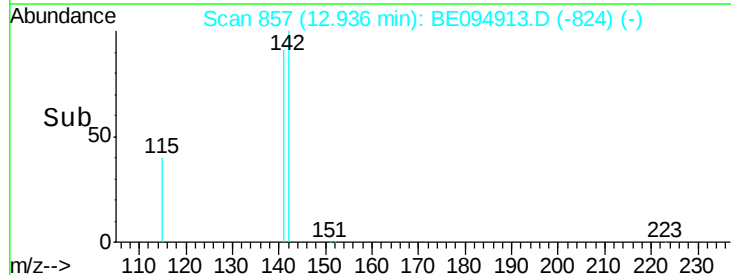
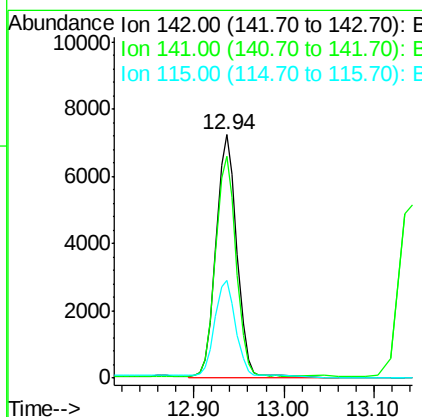
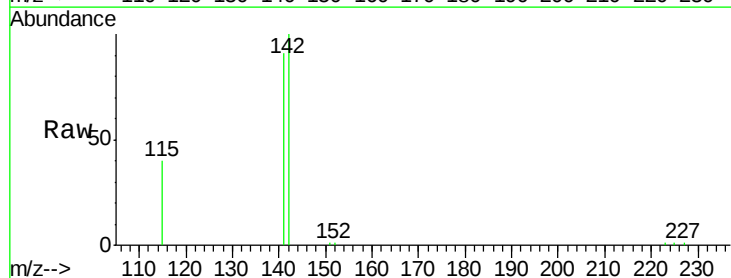
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

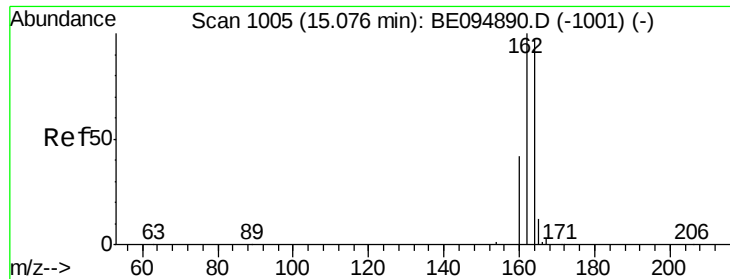
Tot Ion:152 Resp: 9461
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.40 ng
 RT: 12.94 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BE094913.D
 Acq: 1 Dec 2017 19:58

Tgt Ion:142 Resp: 16944
 Ion Ratio Lower Upper
 142 100
 141 91.1 70.4 105.6
 115 40.3 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

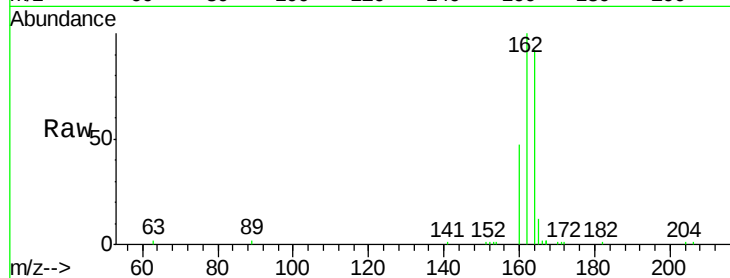
Tot Ion:164 Resp: 8379

Ion Ratio Lower Upper

164 100

162 108.2 83.1 124.7

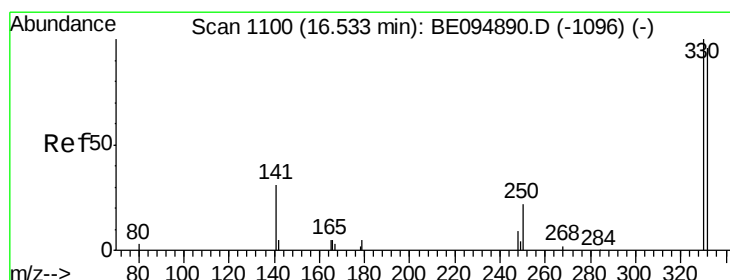
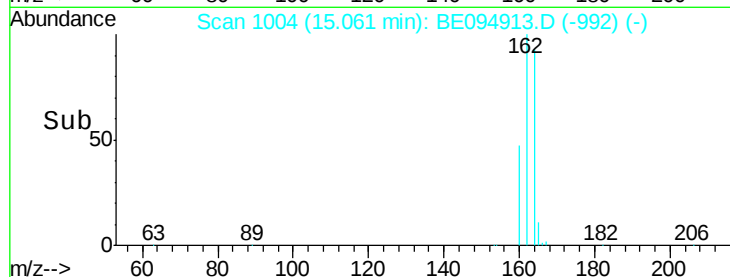
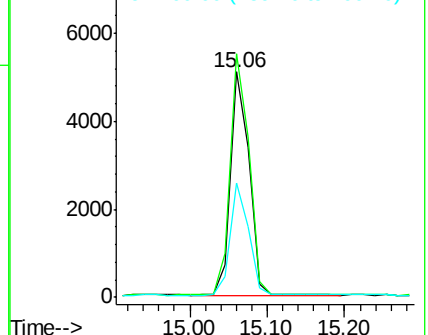
160 50.8 37.1 55.7



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: 0.47 ng

RT: 16.53 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

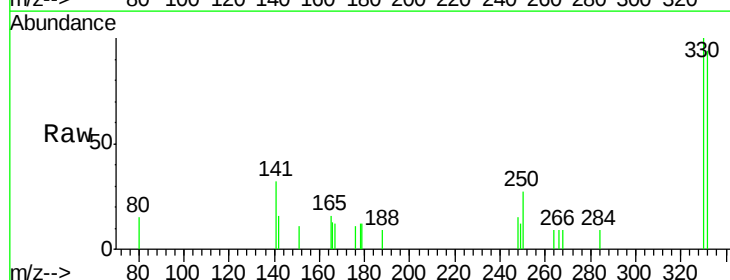
Tgt Ion:330 Resp: 825

Ion Ratio Lower Upper

330 100

332 91.8 152.7 229.1#

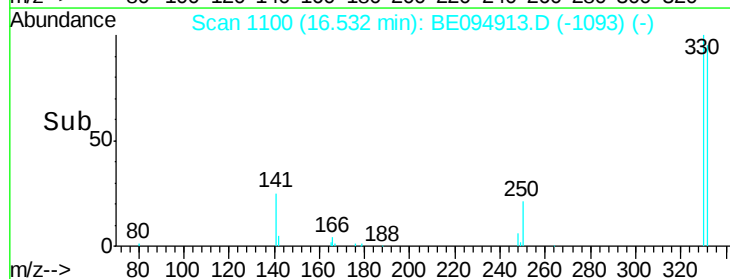
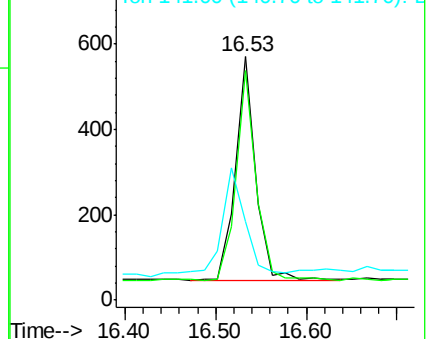
141 49.0 33.7 50.5

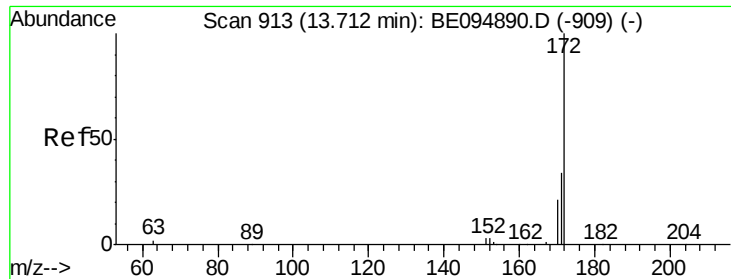


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

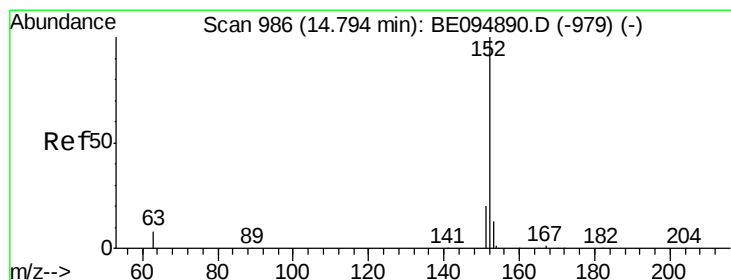
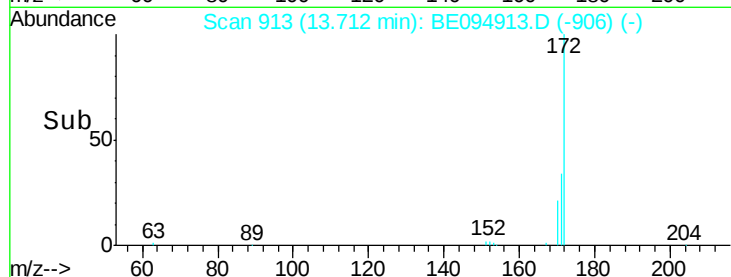
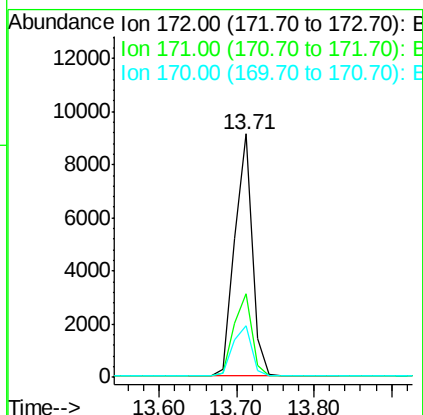
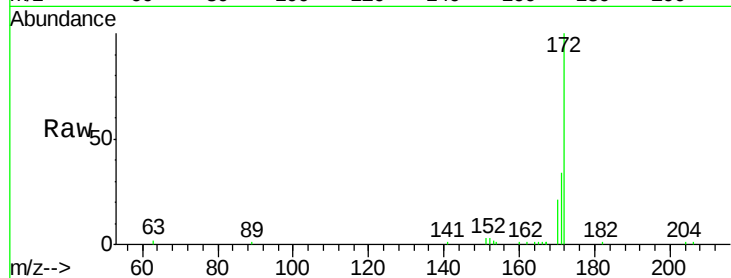




#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094913.D
Acq: 1 Dec 2017 19:58

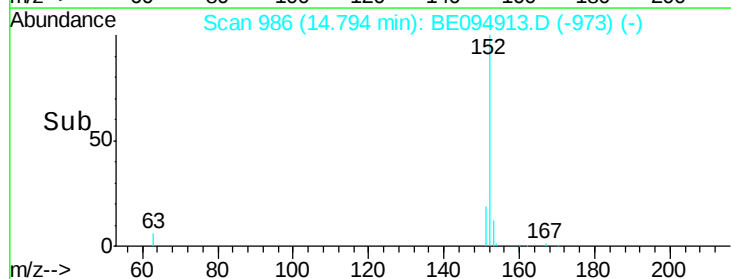
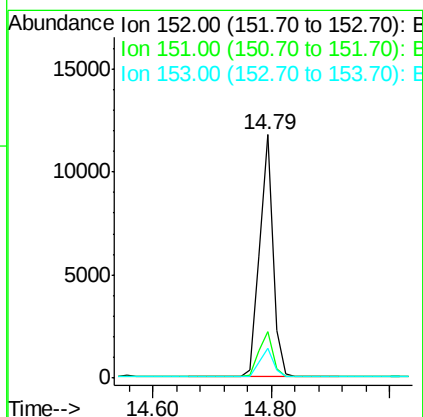
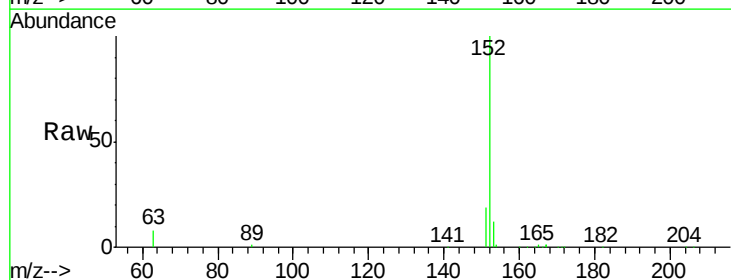
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

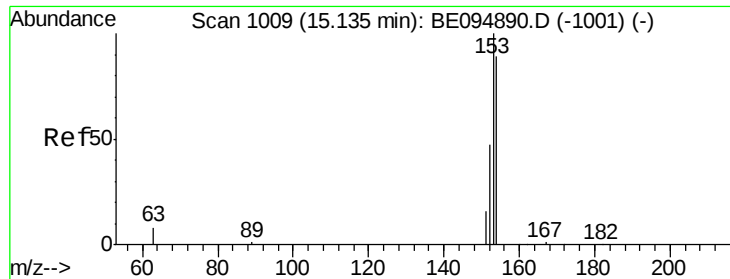
Tot Ion:172 Resp: 14317
Ion Ratio Lower Upper
172 100
171 34.1 29.9 44.9
170 21.1 21.8 32.8#



#16
Acenaphthylene
Concen: 0.39 ng
RT: 14.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE094913.D
Acq: 1 Dec 2017 19:58

Tgt Ion:152 Resp: 18302
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 12.3 10.5 15.7





#17

Acenaphthene

Concen: 0.40 ng

RT: 15.12 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

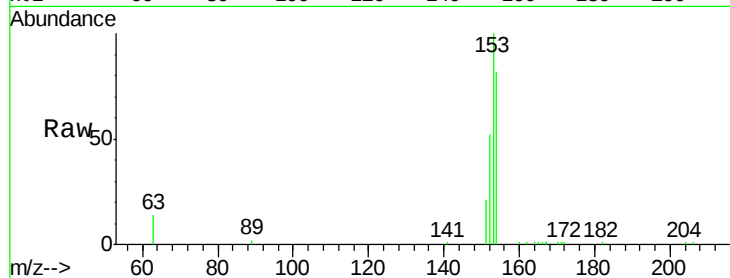
Tot Ion:154 Resp: 12266

Ion Ratio Lower Upper

154 100

153 115.5 89.2 133.8

152 58.3 42.0 63.0



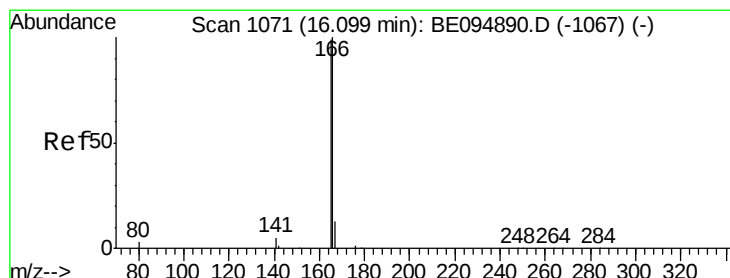
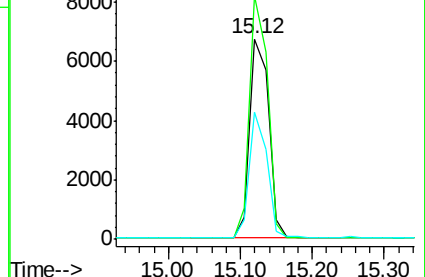
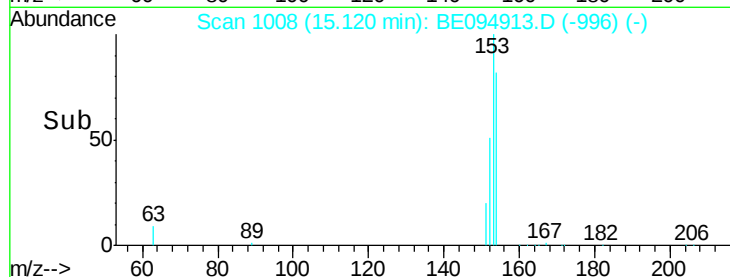
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

15.12

Time-->



#18

Fluorene

Concen: 0.41 ng

RT: 16.10 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

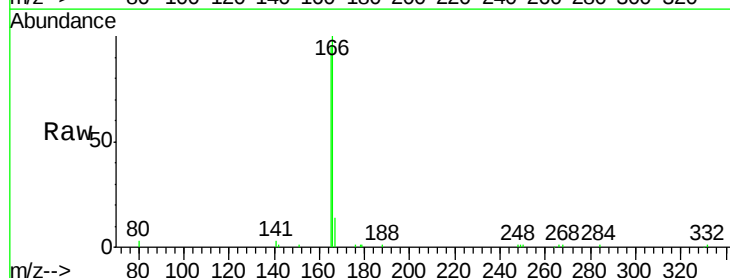
Tgt Ion:166 Resp: 15795

Ion Ratio Lower Upper

166 100

165 98.5 77.8 116.6

167 13.3 42.4 63.6#



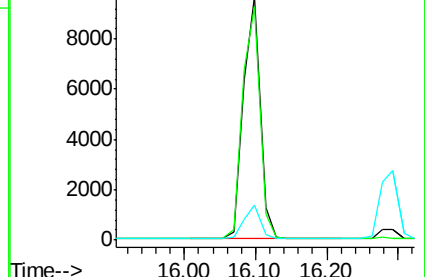
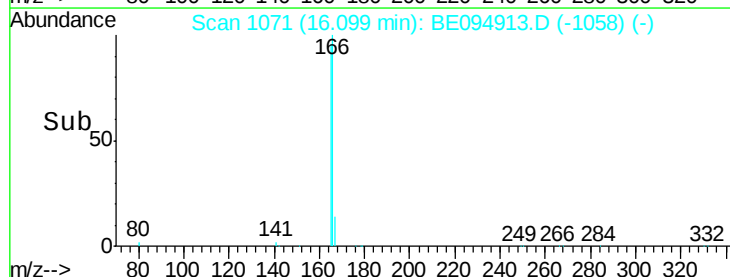
Abundance Ion 166.00 (165.70 to 166.70): E

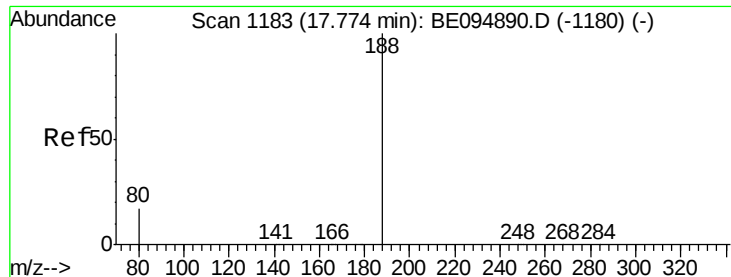
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

16.10

Time-->





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.77 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

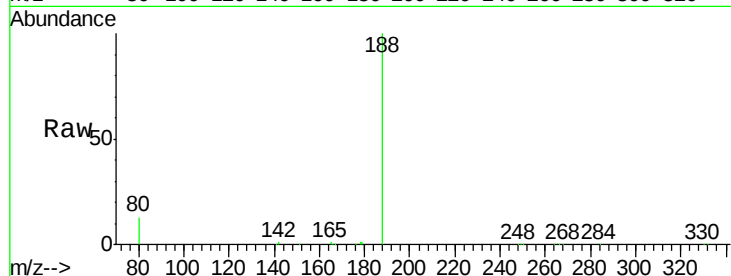
Tot Ion:188 Resp: 21896

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

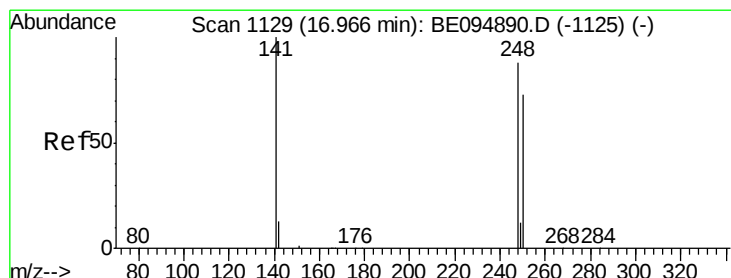
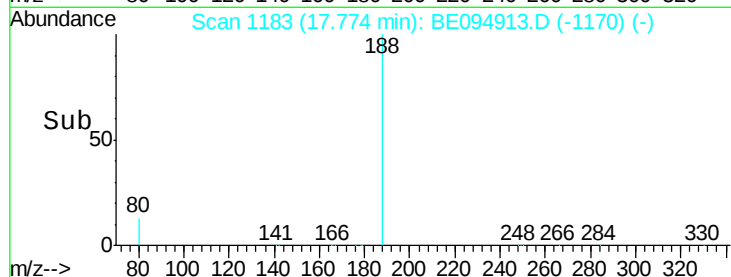
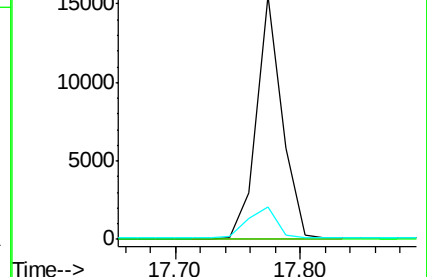
80 13.2 3.6 5.4#



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: 0.39 ng

RT: 16.97 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

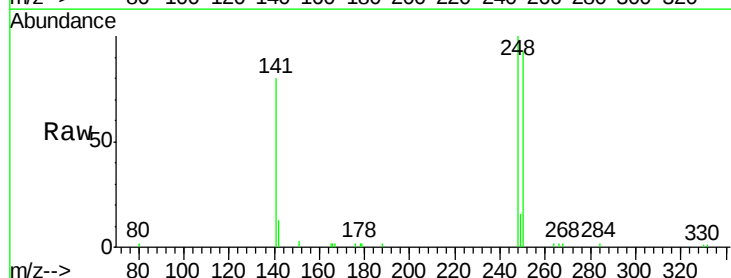
Tgt Ion:248 Resp: 4749

Ion Ratio Lower Upper

248 100

250 93.4 62.7 94.1

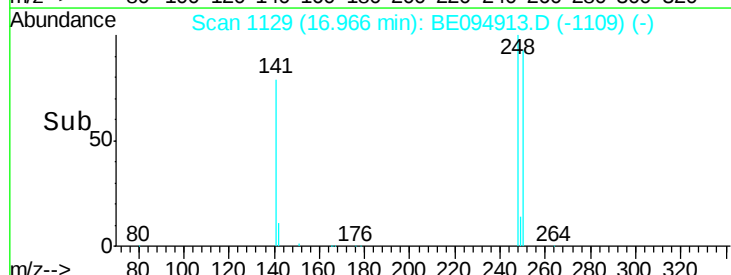
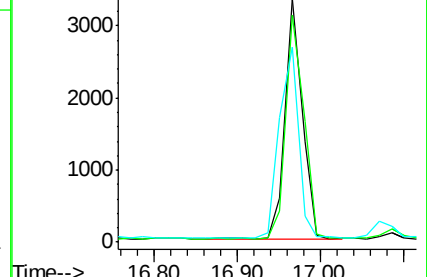
141 79.9 48.2 72.2#

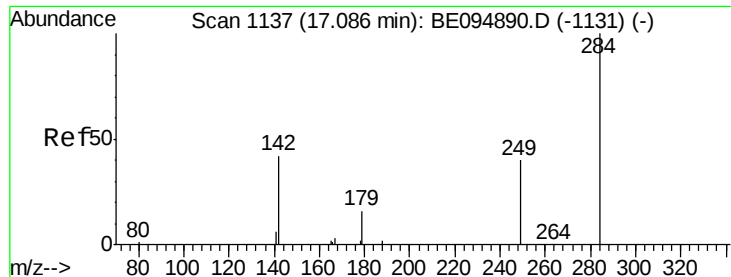


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

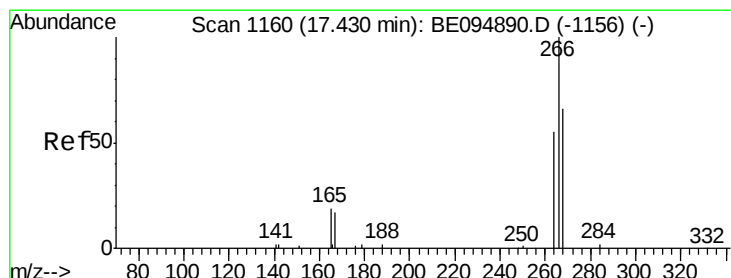
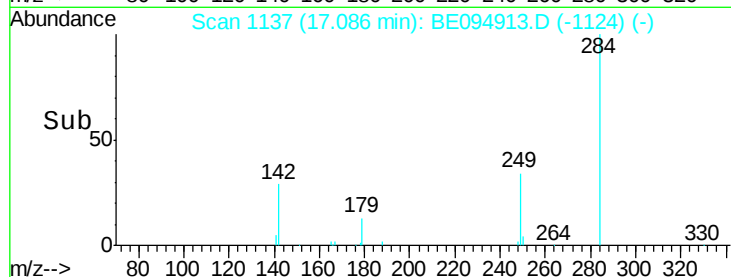
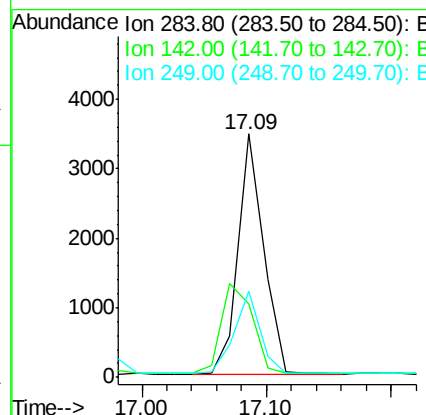
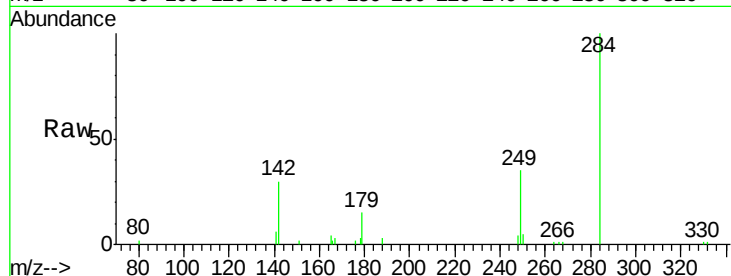




#21
Hexachlorobenzene
Concen: 0.41 ng
RT: 17.09 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BE094913.D
Acq: 1 Dec 2017 19:58

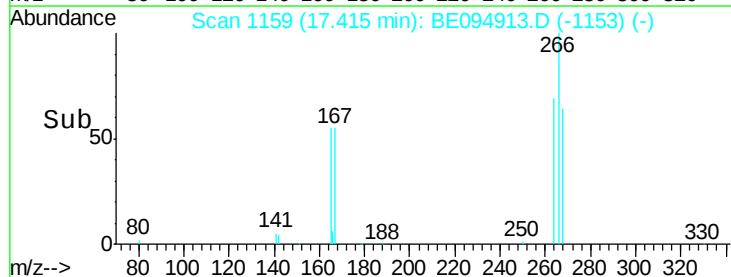
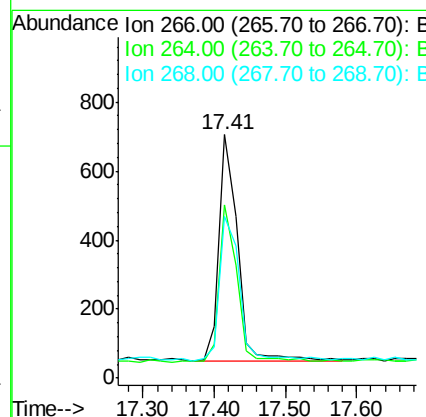
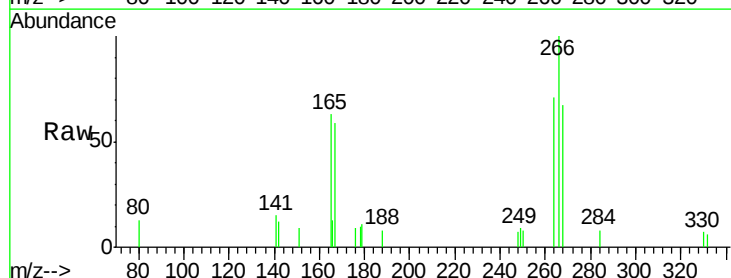
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

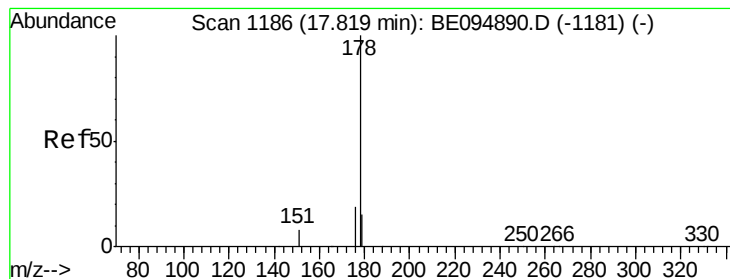
Tot Ion:284 Resp: 4849
Ion Ratio Lower Upper
284 100
142 46.5 22.1 33.1#
249 34.8 34.8 52.2



#22
Pentachlorophenol
Concen: 0.43 ng
RT: 17.41 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BE094913.D
Acq: 1 Dec 2017 19:58

Tgt Ion:266 Resp: 1174
Ion Ratio Lower Upper
266 100
264 71.0 72.5 108.7#
268 66.6 73.8 110.6#





#23

Phenanthrene

Concen: 0.39 ng

RT: 17.82 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

Instrument :

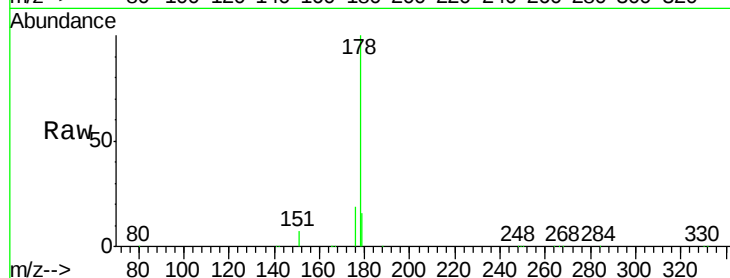
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:178 Resp: 26963

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.1	22.7
179	15.8	11.8	17.6

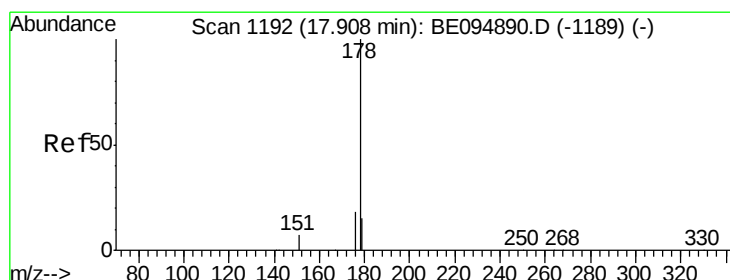
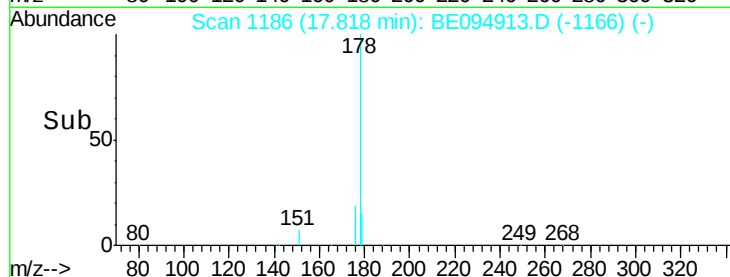
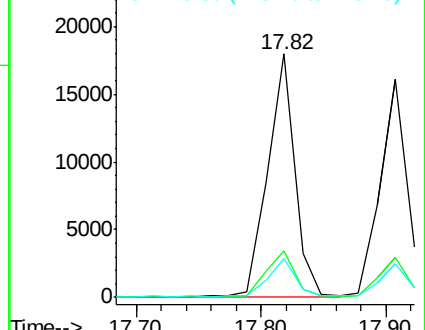


Abundance

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: 0.37 ng

RT: 17.91 min Scan# 1192

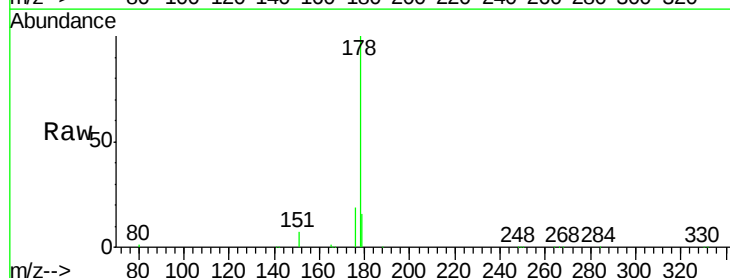
Delta R.T. -0.00 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

Tgt Ion:178 Resp: 27652

Ion	Ratio	Lower	Upper
178	100		
176	20.4	12.8	19.2#
179	17.4	13.0	19.6

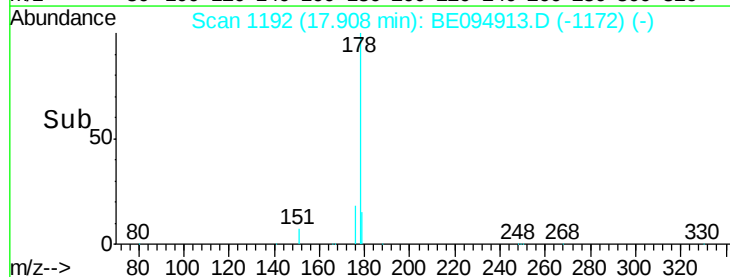
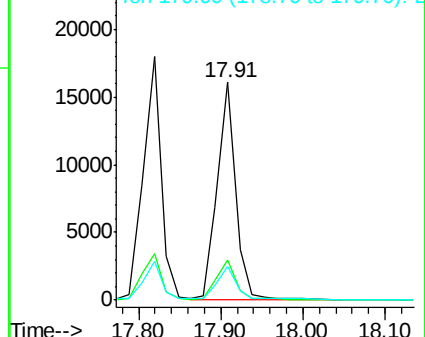


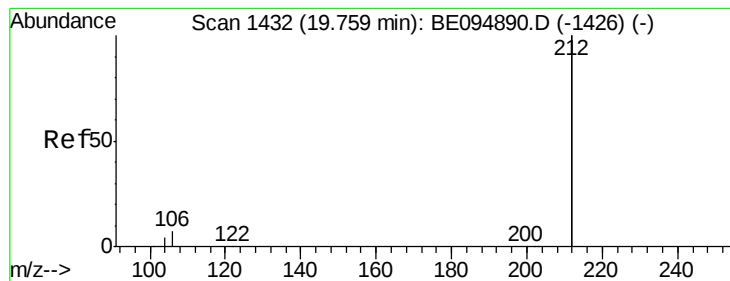
Abundance

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: 19.75 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

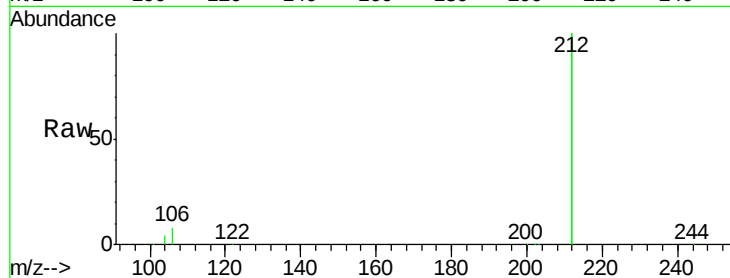
Tot Ion:212 Resp: 112771

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

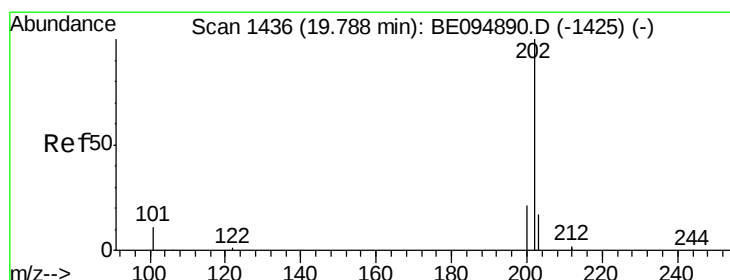
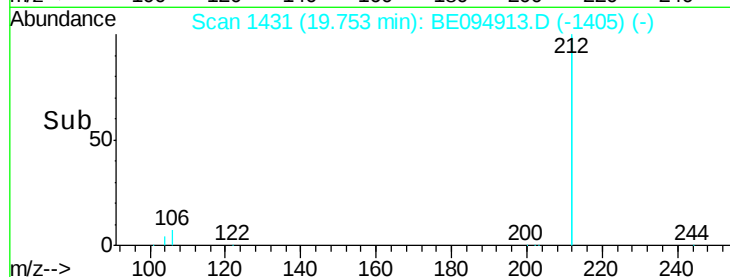
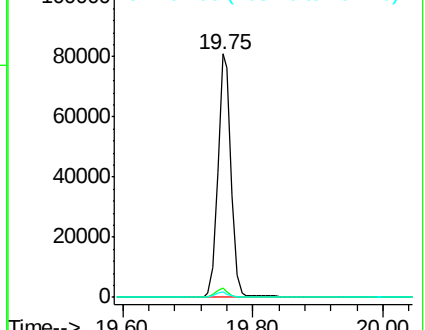
104 2.0 1.6 2.4



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: 0.38 ng

RT: 19.78 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

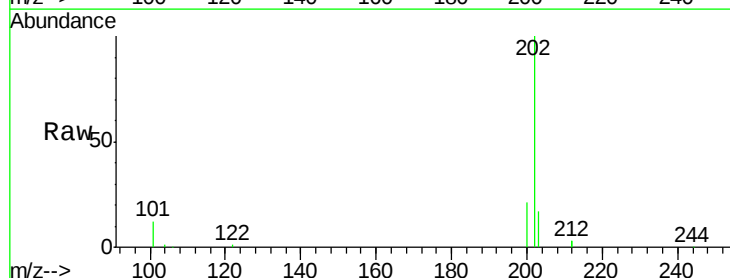
Tgt Ion:202 Resp: 34052

Ion Ratio Lower Upper

202 100

101 12.0 9.8 14.8

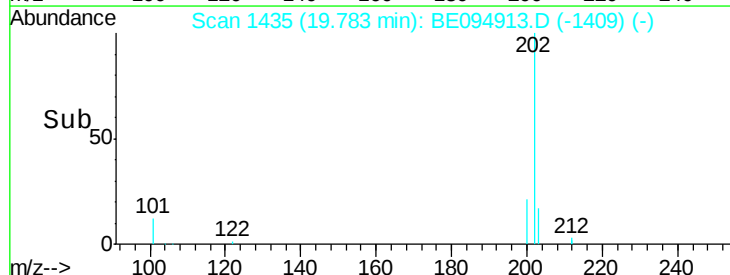
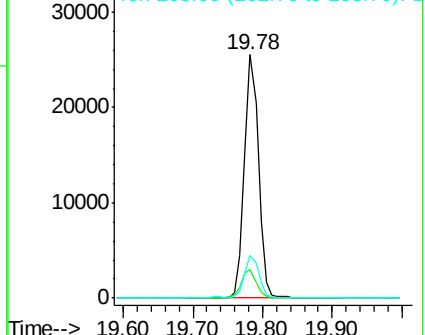
203 17.1 13.7 20.5

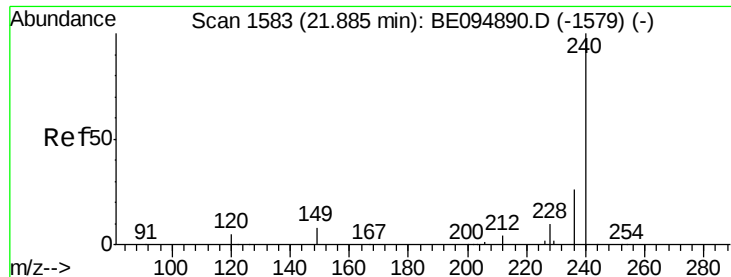


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

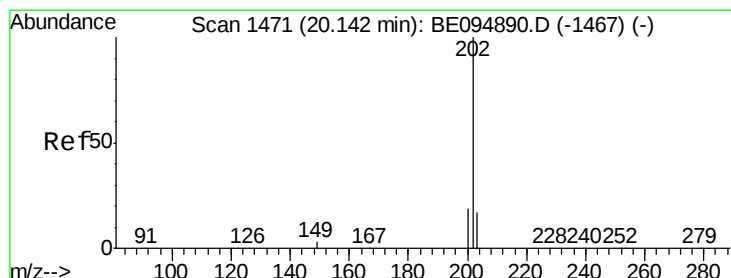
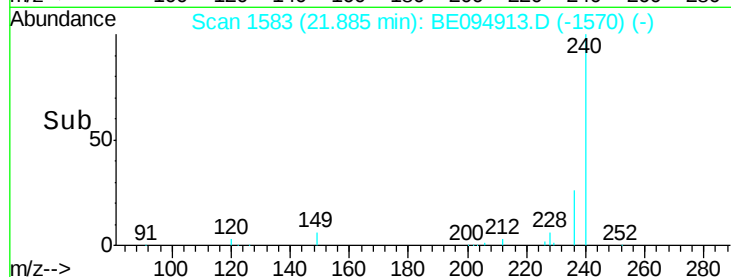
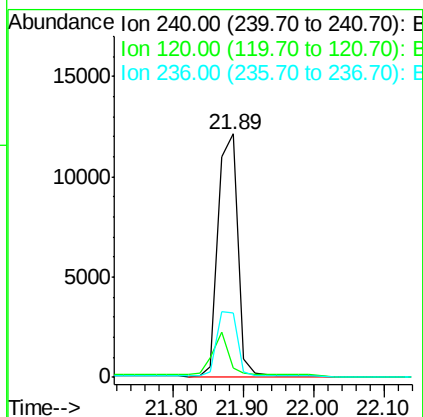
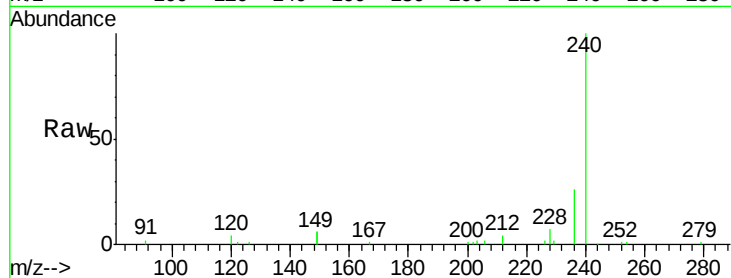




#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.89 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BE094913.D
 Acq: 1 Dec 2017 19:58

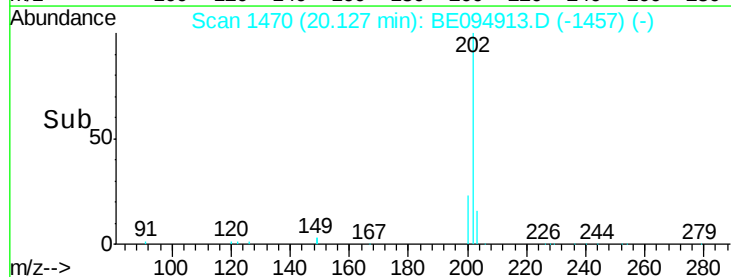
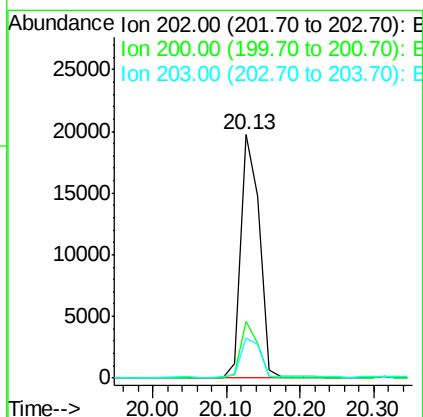
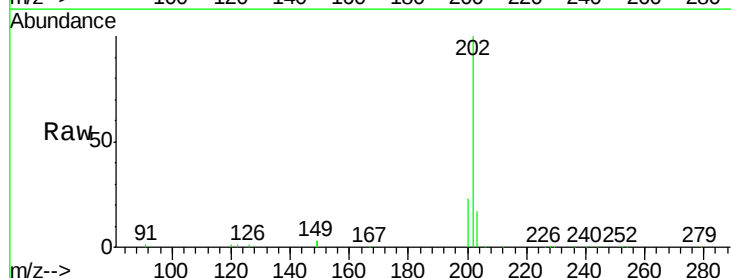
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

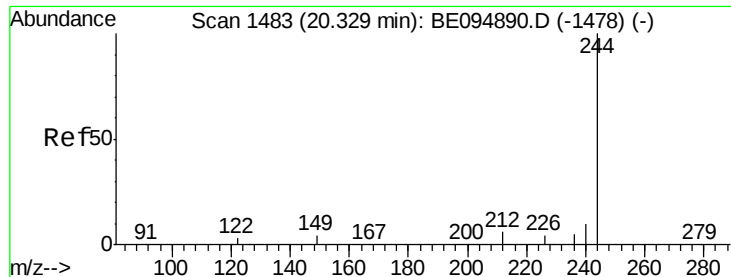
Tot Ion:240 Resp: 24759
 Ion Ratio Lower Upper
 240 100
 120 3.8 5.5 8.3#
 236 26.3 20.7 31.1



#28
 Pyrene
 Concen: 0.40 ng
 RT: 20.13 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BE094913.D
 Acq: 1 Dec 2017 19:58

Tgt Ion:202 Resp: 33862
 Ion Ratio Lower Upper
 202 100
 200 24.2 16.6 25.0
 203 18.7 13.8 20.8





#29

Terphenyl-d14

Concen: 0.40 ng

RT: 20.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

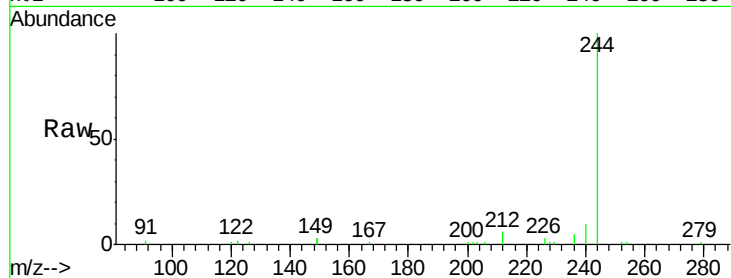
Tot Ion:244 Resp: 18401

Ion Ratio Lower Upper

244 100

212 5.5 25.4 38.0#

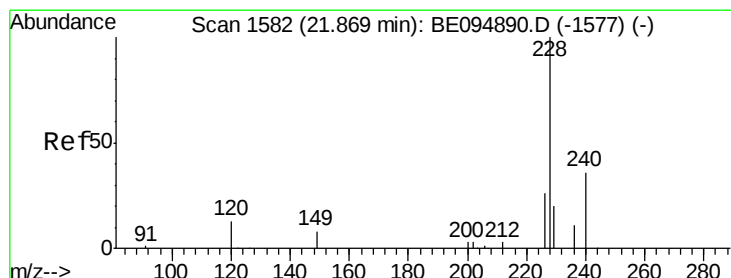
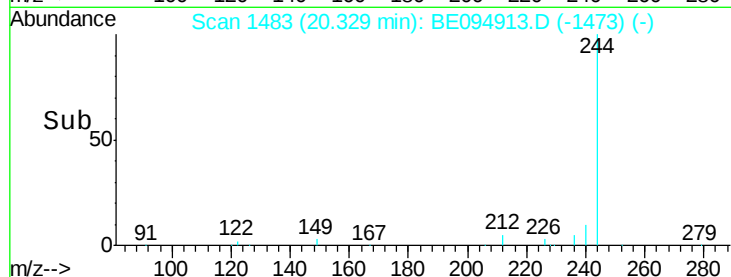
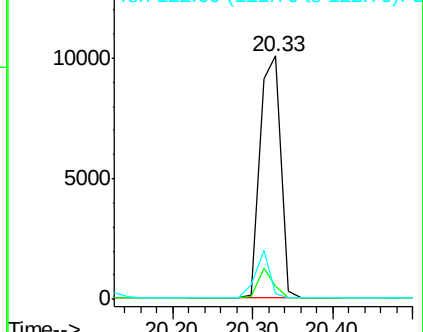
122 2.2 8.1 12.1#



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: BE094913.D

Acq: 1 Dec 2017 19:58

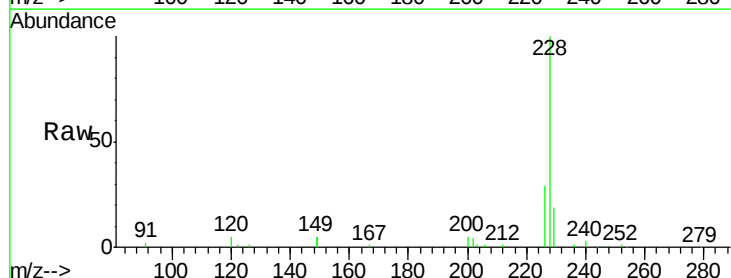
Tgt Ion:228 Resp: 29552

Ion Ratio Lower Upper

228 100

226 29.2 40.0 60.0#

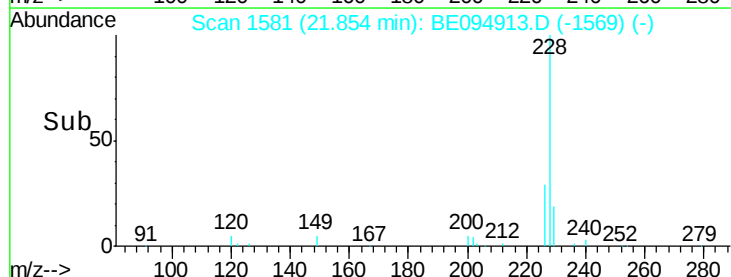
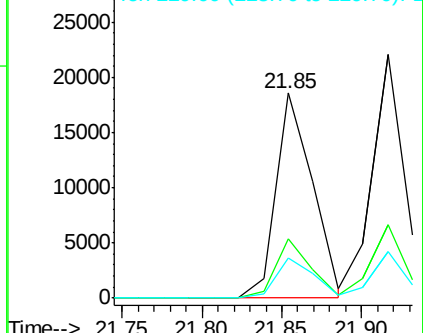
229 19.5 40.0 60.0#

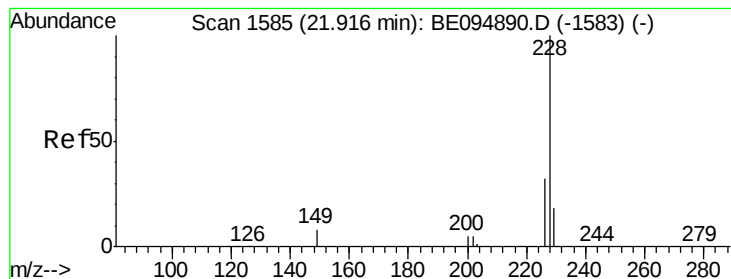


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.40 ng

RT: 21.92 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

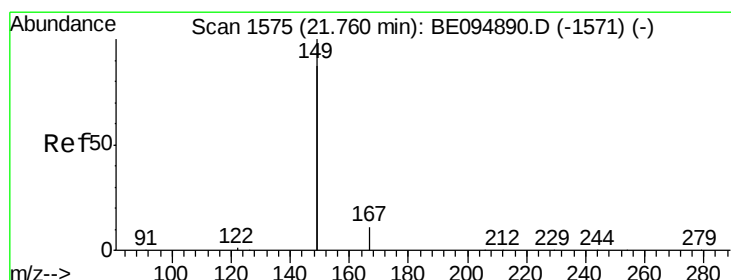
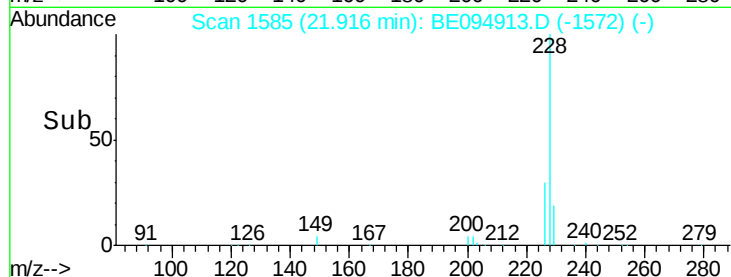
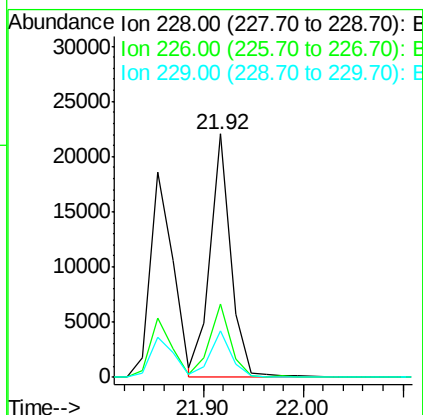
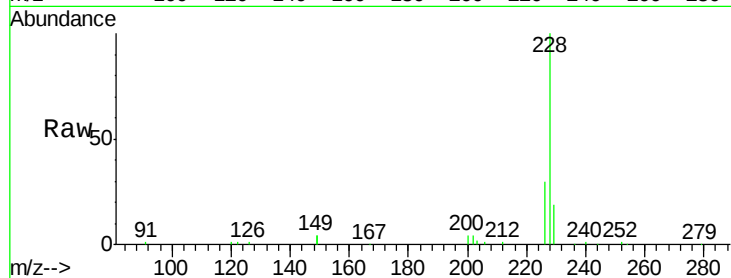
Tot Ion:228 Resp: 33574

Ion Ratio Lower Upper

228 100

226 30.2 40.0 60.0#

229 19.0 40.0 60.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.32 ng

RT: 21.76 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

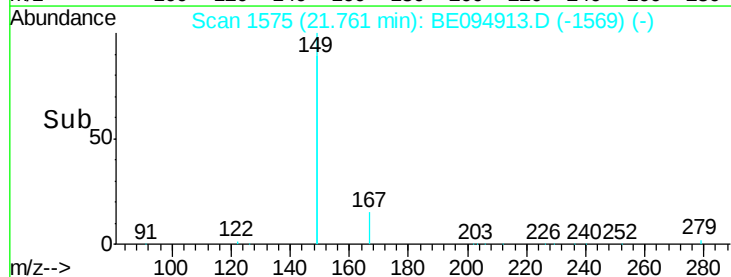
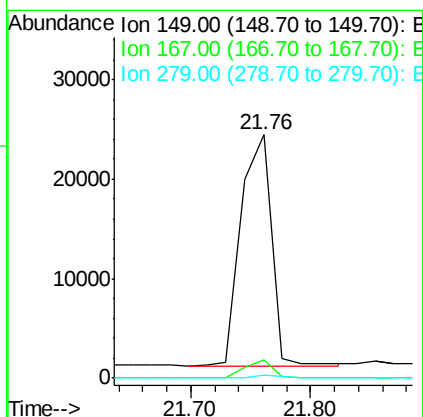
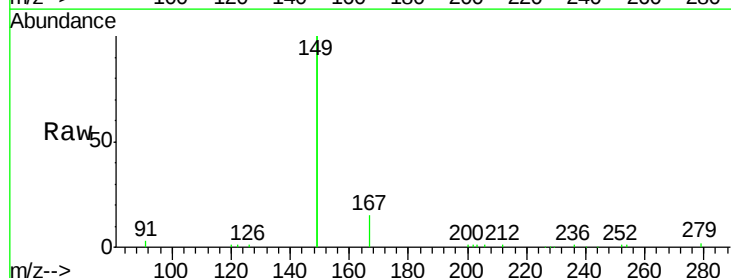
Tgt Ion:149 Resp: 40616

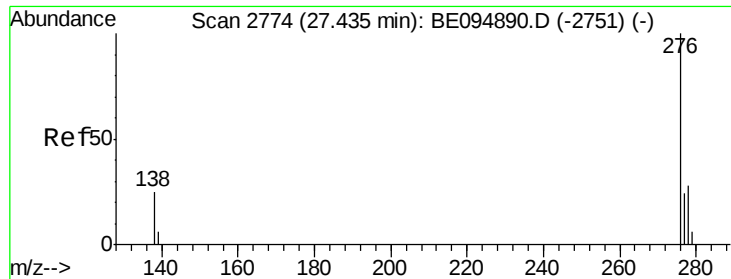
Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

279 0.7 0.7 1.1#

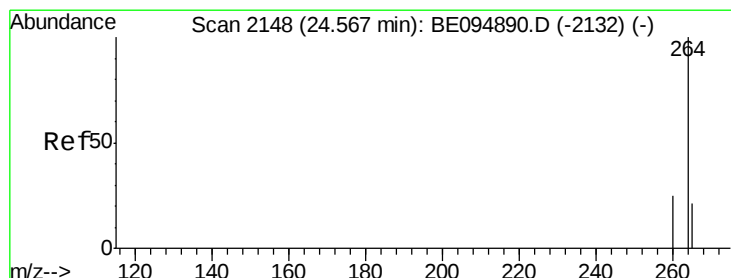
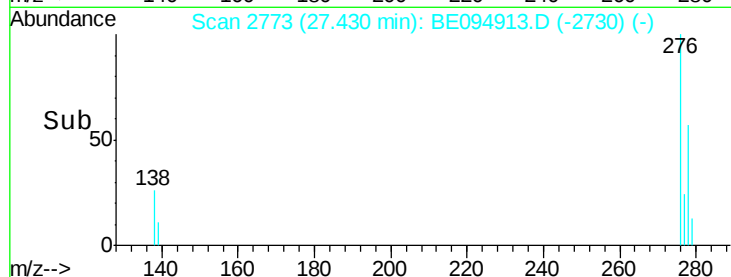
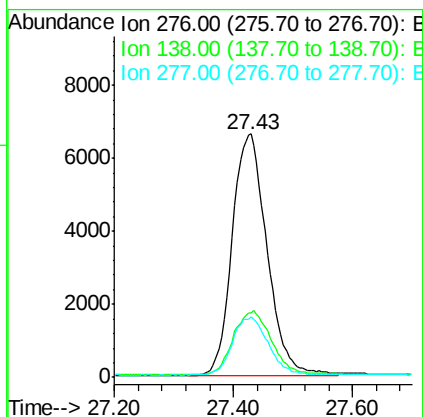
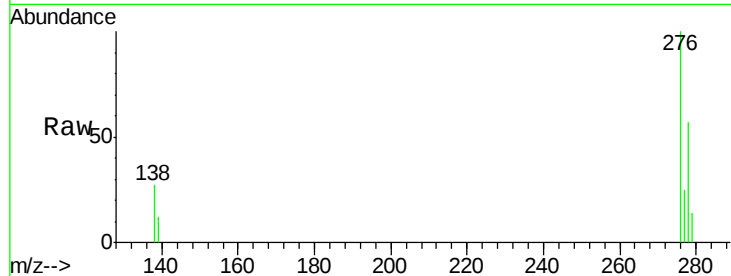




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.39 ng
RT: 27.43 min Scan# 2773
Delta R.T. -0.01 min
Lab File: BE094913.D
Acq: 1 Dec 2017 19:58

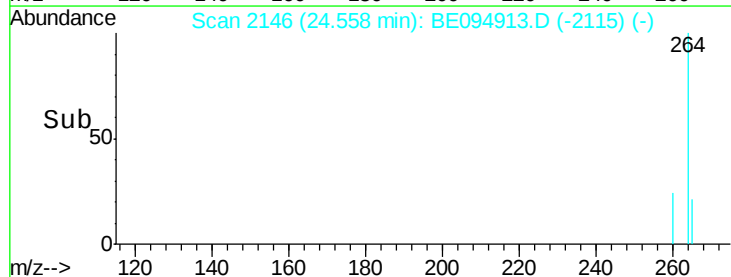
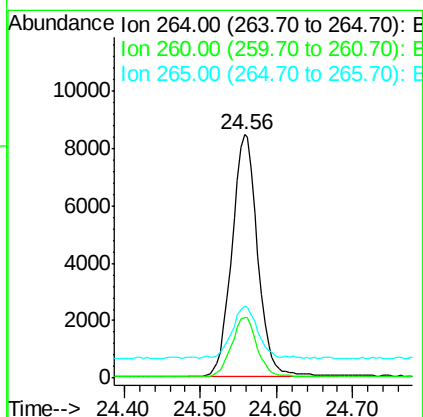
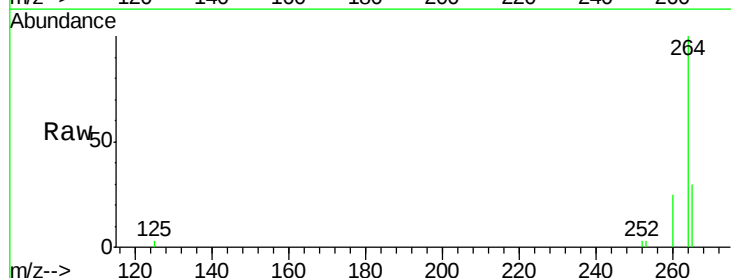
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

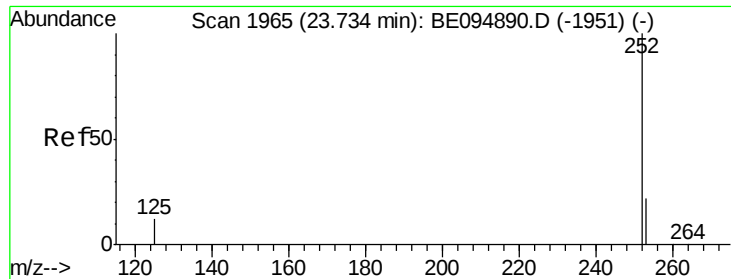
Tot Ion:276 Resp: 26936
Ion Ratio Lower Upper
276 100
138 29.1 22.5 33.7
277 24.9 19.9 29.9



#34
Perylene-d12
Concen: 0.40 ng
RT: 24.56 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BE094913.D
Acq: 1 Dec 2017 19:58

Tgt Ion:264 Resp: 19874
Ion Ratio Lower Upper
264 100
260 24.8 20.5 30.7
265 29.5 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.38 ng

RT: 23.73 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

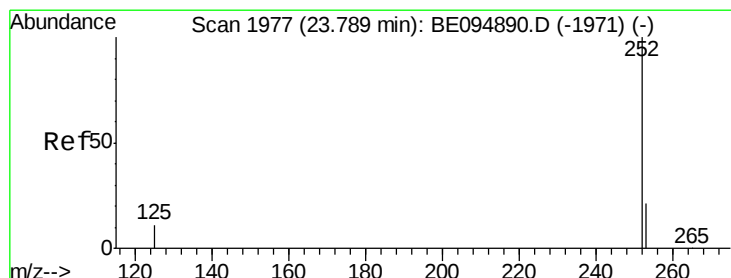
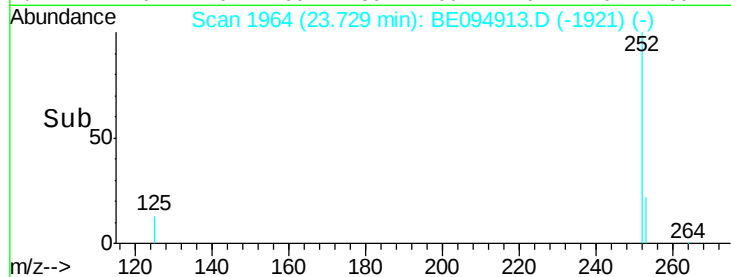
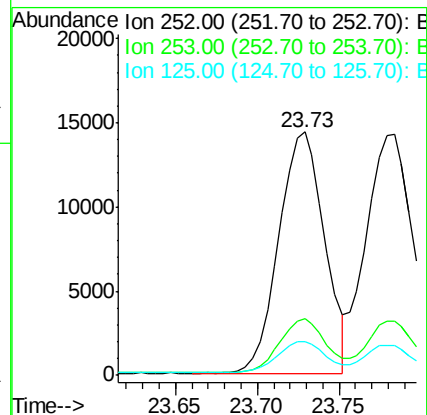
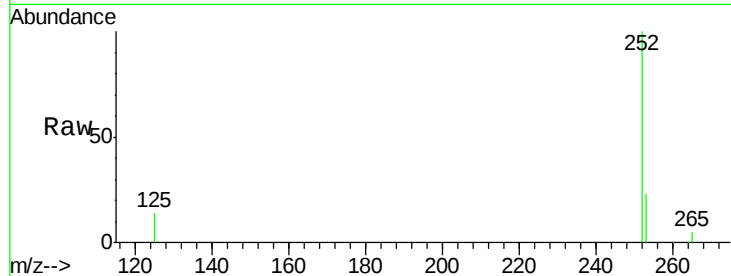
Tot Ion:252 Resp: 27832

Ion Ratio Lower Upper

252 100

253 23.1 48.0 72.0#

125 14.0 56.0 84.0#



#36

Benzo(k)fluoranthene

Concen: 0.39 ng

RT: 23.78 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

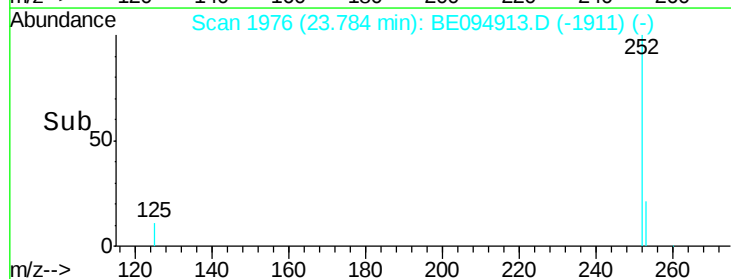
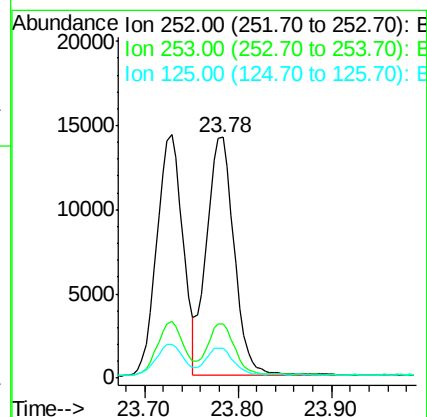
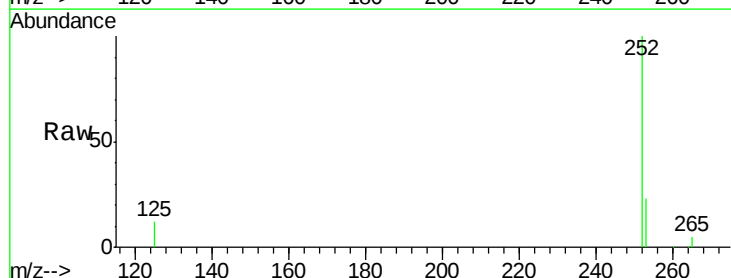
Tgt Ion:252 Resp: 29091

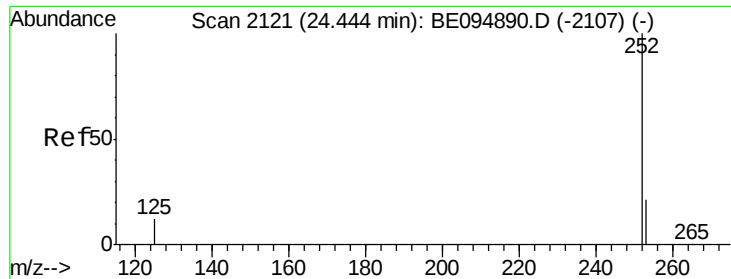
Ion Ratio Lower Upper

252 100

253 22.7 48.0 72.0#

125 12.2 56.0 84.0#





#37

Benzo(a)pyrene

Concen: 0.38 ng

RT: 24.44 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

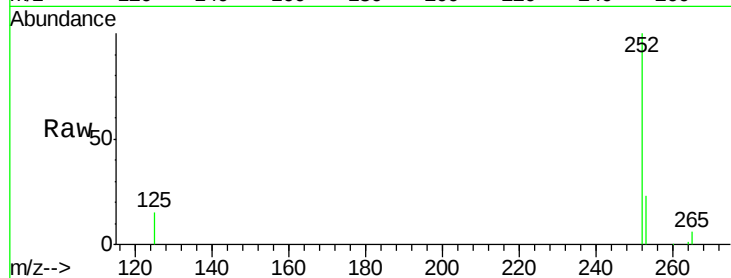
Tot Ion:252 Resp: 24381

Ion Ratio Lower Upper

252 100

253 22.5 52.0 78.0#

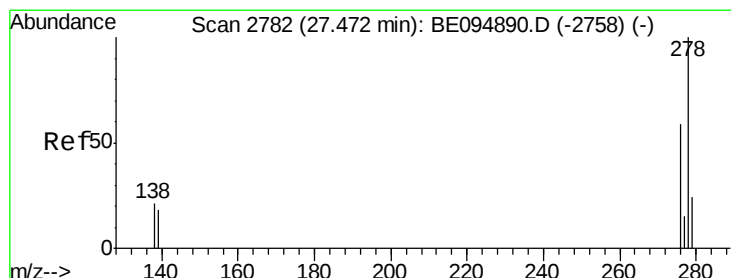
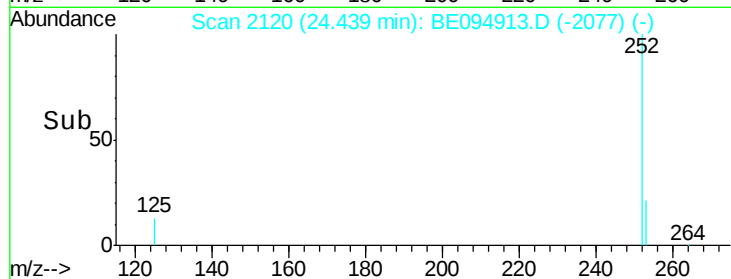
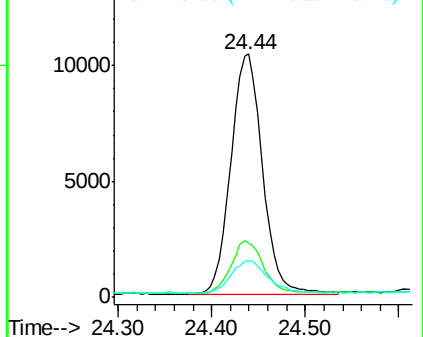
125 15.1 68.0 102.0#



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: 0.39 ng

RT: 27.45 min Scan# 2778

Delta R.T. -0.02 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

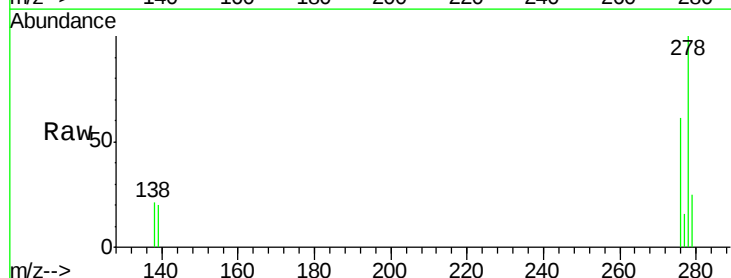
Tgt Ion:278 Resp: 22944

Ion Ratio Lower Upper

278 100

139 19.6 56.0 84.0#

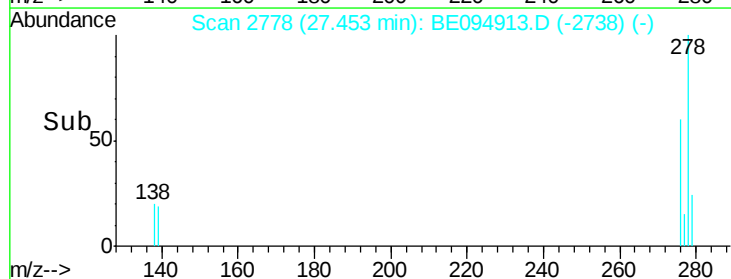
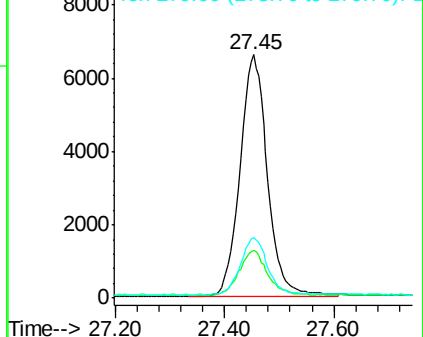
279 24.8 52.0 78.0#

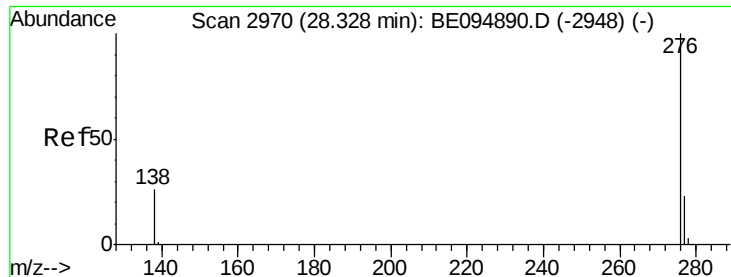


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.38 ng

RT: 28.31 min Scan# 2966

Delta R.T. -0.02 min

Lab File: BE094913.D

Acq: 1 Dec 2017 19:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

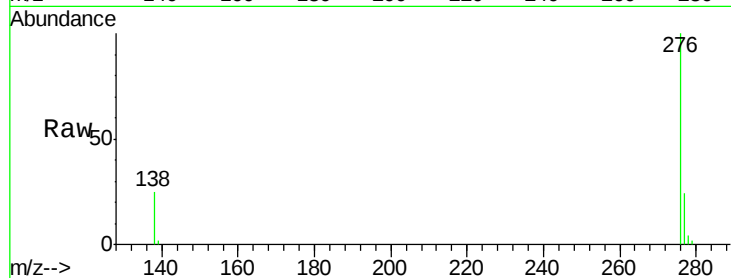
Tot Ion: 276 Resp: 22526

Ion Ratio Lower Upper

276 100

277 24.2 52.0 78.0#

138 24.6 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

