

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
 Data File : BE094933.D
 Acq On : 6 Dec 2017 2:11
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Dec 06 04:07:09 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	8.47	152	6466	0.40	ng	-0.01
7) Naphthalene-d8	11.33	136	14442	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	8601	0.40	ng	-0.01
19) Phenanthrene-d10	17.77	188	21555	0.40	ng	0.00
27) Chrysene-d12	21.89	240	24396	0.40	ng	0.00
34) Perylene-d12	24.56	264	19219	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.96	112	4473	0.44	ng	0.00
5) Phenol-d6	7.59	99	6711	0.44	ng	0.00
8) Nitrobenzene-d5	9.66	82	4156	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	9454	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1082	0.57	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	14362	0.39	ng	0.00
25) Fluoranthene-d10	19.76	212	111258	0.38	ng	0.00
29) Terphenyl-d14	20.31	244	17929	0.40	ng	-0.02

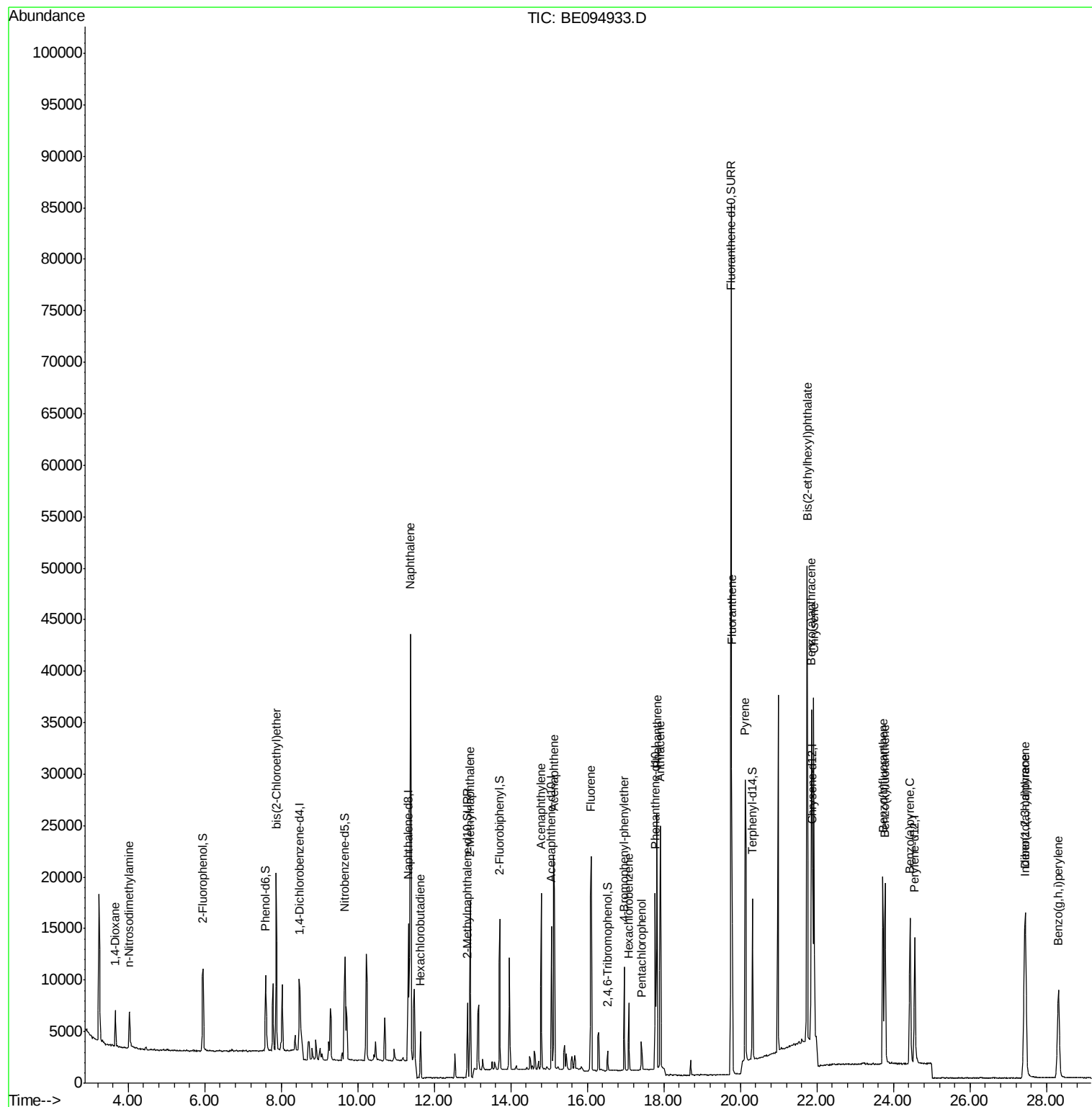
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.66	88	2810	0.415	ng	# 85
3) n-Nitrosodimethylamine	4.02	42	3371	0.391	ng	# 80
6) bis(2-Chloroethyl)ether	7.87	93	5696	0.379	ng	99
9) Naphthalene	11.38	128	66476	0.393	ng	99
10) Hexachlorobutadiene	11.64	225	3002	0.420	ng	98
12) 2-Methylnaphthalene	12.94	142	17073	0.406	ng	98
16) Acenaphthylene	14.79	152	18818	0.387	ng	99
17) Acenaphthene	15.12	154	12245	0.390	ng	96
18) Fluorene	16.10	166	15359	0.384	ng	# 80
20) 4-Bromophenyl-phenylether	16.97	248	4765	0.396	ng	# 82
21) Hexachlorobenzene	17.09	284	4852	0.414	ng	# 81
22) Pentachlorophenol	17.42	266	1488	0.516	ng	# 74
23) Phenanthrene	17.82	178	26401	0.384	ng	98
24) Anthracene	17.91	178	27323	0.375	ng	# 92
26) Fluoranthene	19.78	202	32476	0.368	ng	99
28) Pyrene	20.13	202	37110	0.441	ng	97
30) Benzo(a)anthracene	21.85	228	29385	0.393	ng	# 63
31) Chrysene	21.92	228	31519	0.381	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.75	149	57388	0.463	ng	99
33) Indeno(1,2,3-cd)pyrene	27.42	276	26162	0.387	ng	99
35) Benzo(b)fluoranthene	23.72	252	26522	0.378	ng	# 40
36) Benzo(k)fluoranthene	23.78	252	26648	0.373	ng	# 40
37) Benzo(a)pyrene	24.43	252	24205	0.393	ng	# 34
38) Dibenzo(a,h)anthracene	27.45	278	21694	0.382	ng	# 43
39) Benzo(g,h,i)perylene	28.31	276	21889	0.386	ng	# 52

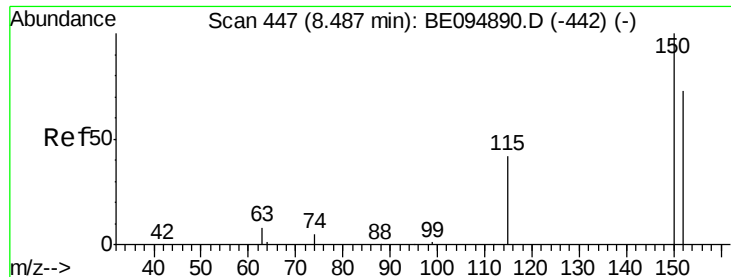
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE094933.D

Acq: 6 Dec 2017 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

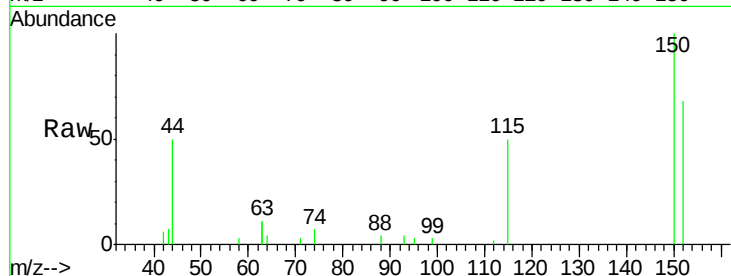
Tot Ion:152 Resp: 6466

Ion Ratio Lower Upper

152 100

150 147.1 117.2 175.8

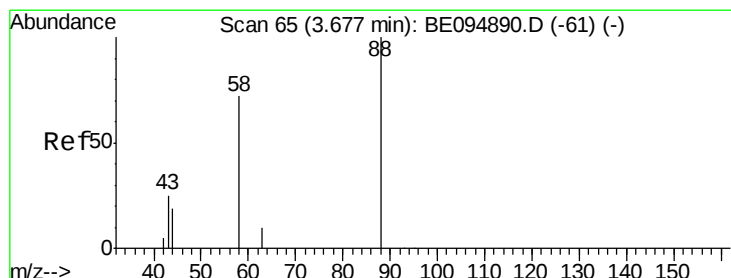
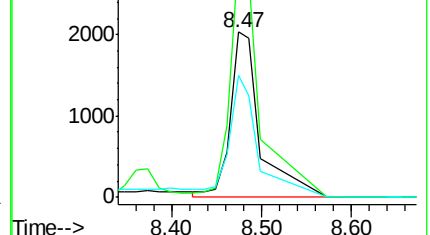
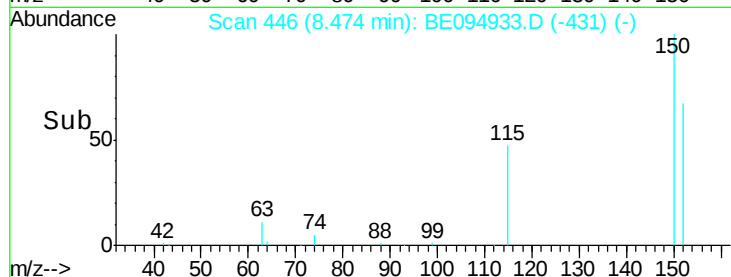
115 73.9 57.0 85.6



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: 0.415 ng

RT: 3.66 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

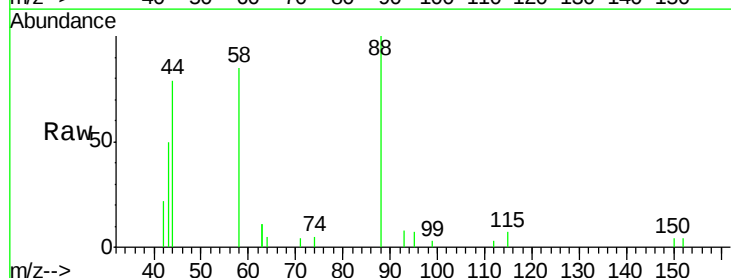
Tgt Ion: 88 Resp: 2810

Ion Ratio Lower Upper

88 100

58 74.0 63.2 94.8

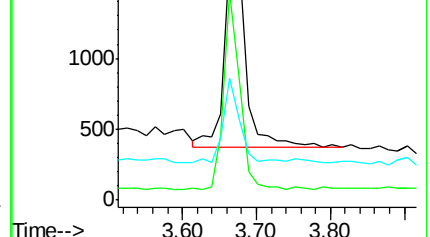
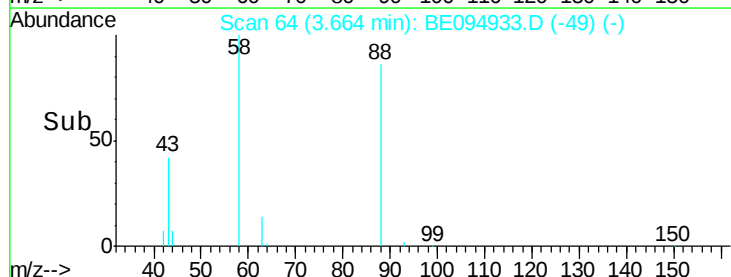
43 31.8 41.2 61.8#

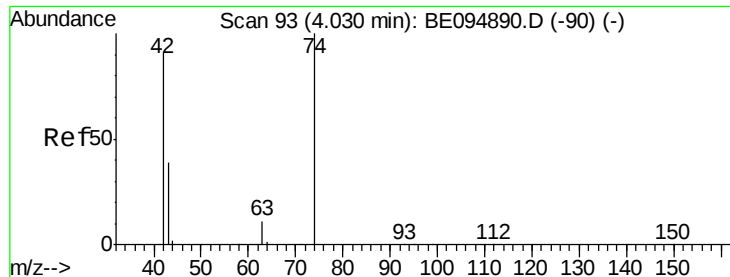


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.391 ng

RT: 4.02 min Scan# 92

Delta R.T. -0.01 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

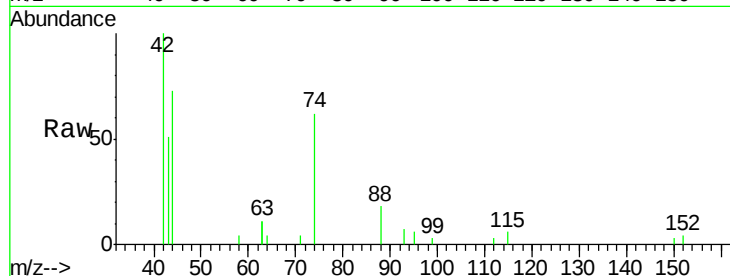
Tot Ion: 42 Resp: 3371

Ion Ratio Lower Upper

42 100

74 102.2 100.3 150.5

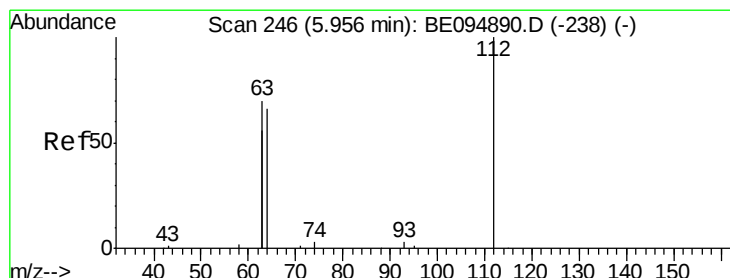
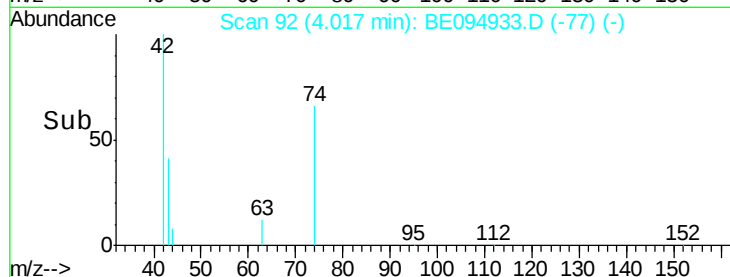
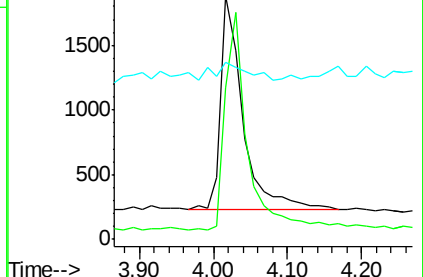
44 13.0 17.0 25.4#



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: 0.437 ng

RT: 5.96 min Scan# 246

Delta R.T. -0.00 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

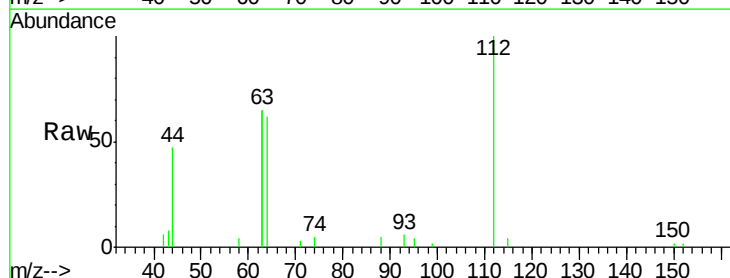
Tgt Ion: 112 Resp: 4473

Ion Ratio Lower Upper

112 100

64 75.5 60.1 90.1

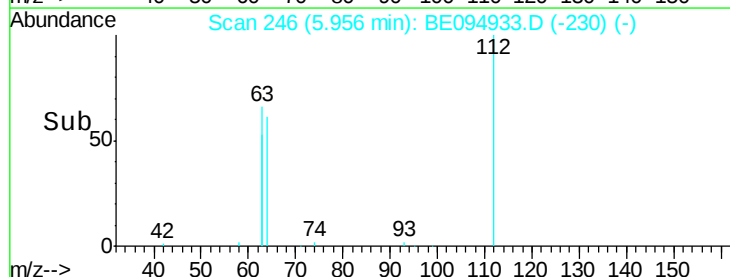
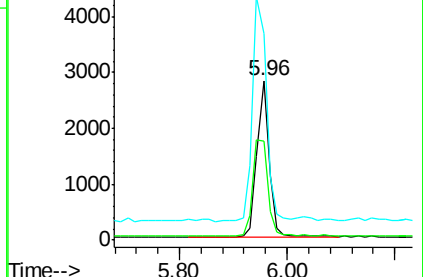
63 161.1 116.8 175.2

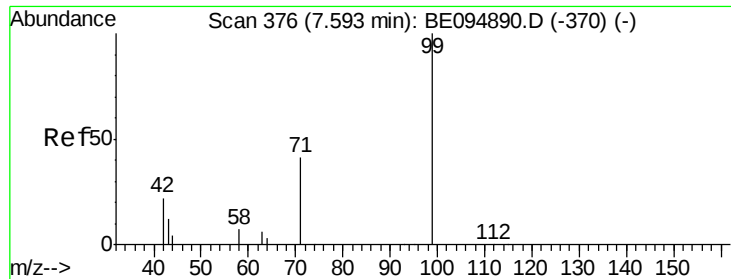


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.443 ng

RT: 7.59 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

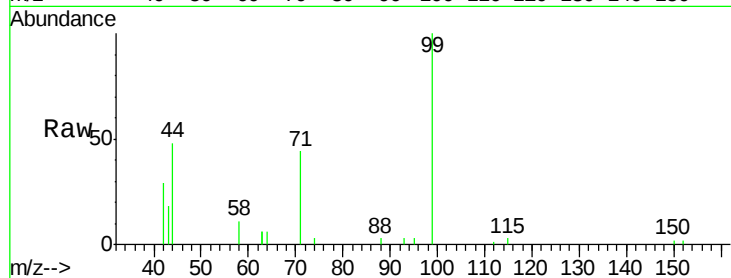
Tot Ion: 99 Resp: 6711

Ion Ratio Lower Upper

99 100

42 26.4 20.2 30.2

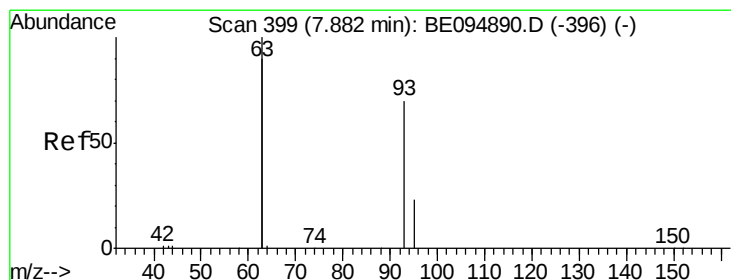
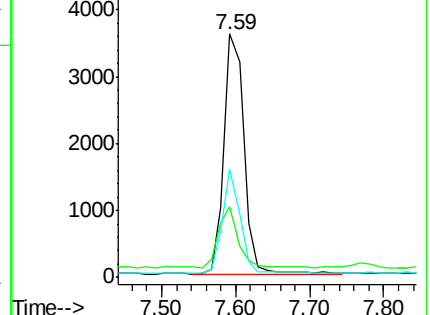
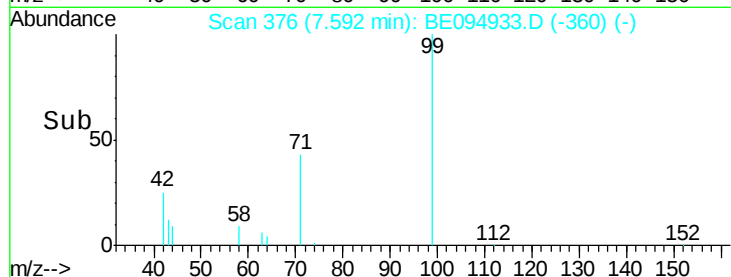
71 38.9 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.379 ng

RT: 7.87 min Scan# 398

Delta R.T. -0.01 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

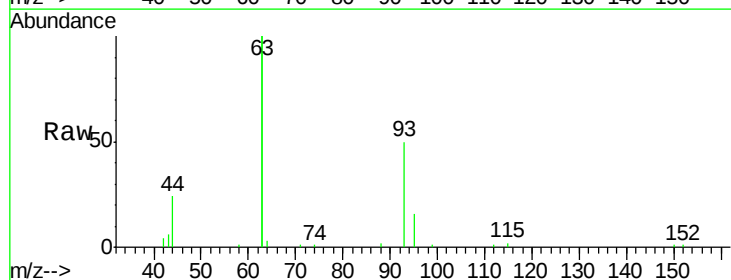
Tgt Ion: 93 Resp: 5696

Ion Ratio Lower Upper

93 100

63 342.2 275.3 412.9

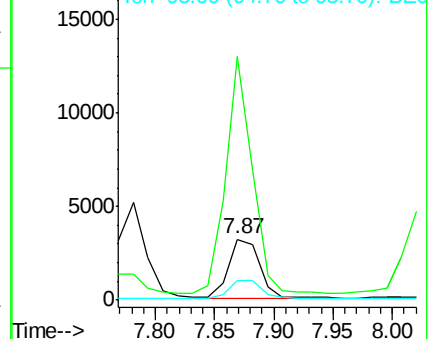
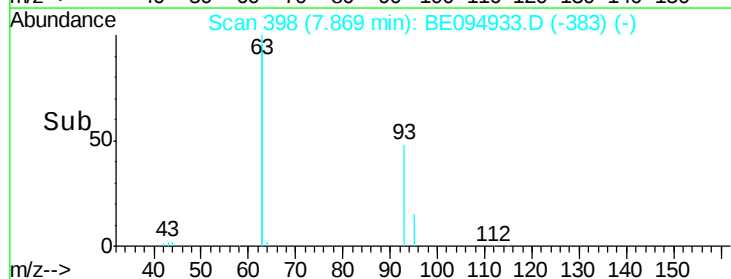
95 32.1 25.2 37.8

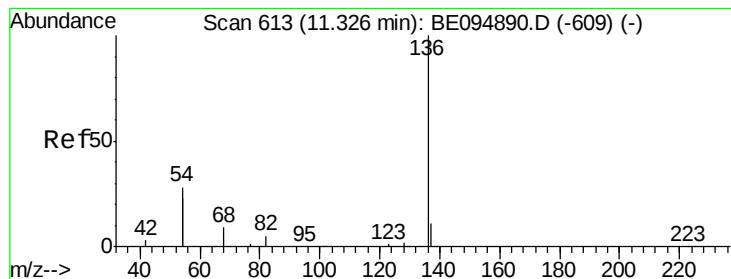


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE094933.D

Acq: 6 Dec 2017 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 14442

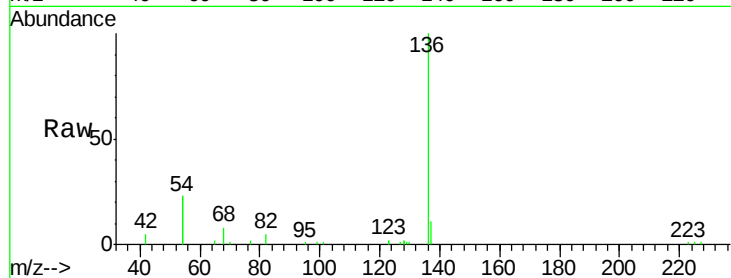
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 46.1 29.1 43.7#

68 8.2 6.2 9.2

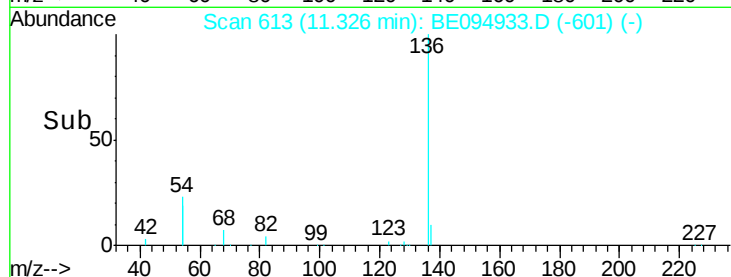


Abundance Ion 136.00 (135.70 to 136.70): E

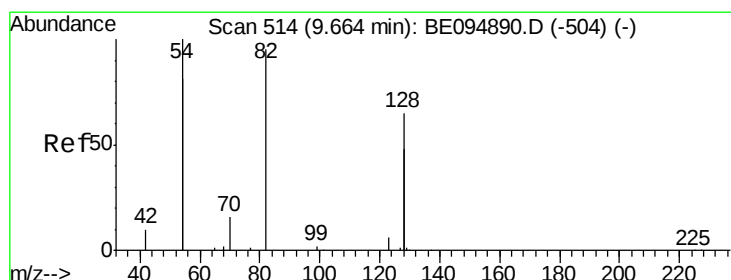
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.486 ng

RT: 9.66 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

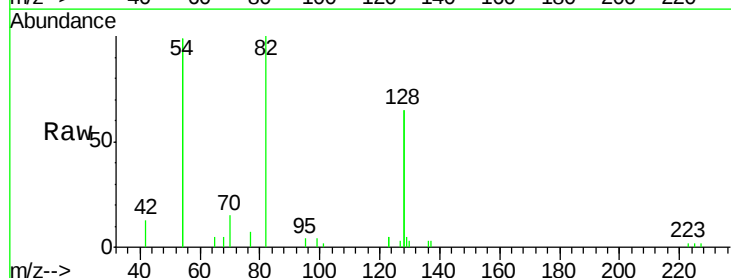
Tgt Ion: 82 Resp: 4156

Ion Ratio Lower Upper

82 100

128 129.4 150.0 225.0#

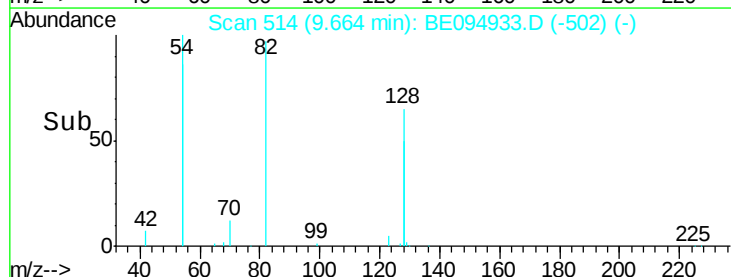
54 197.7 154.2 231.4



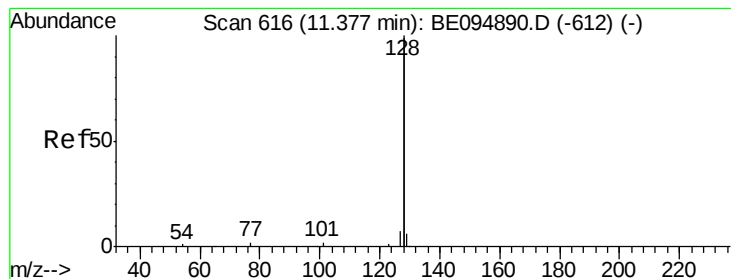
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.393 ng

RT: 11.38 min Scan# 616

Delta R.T. -0.00 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

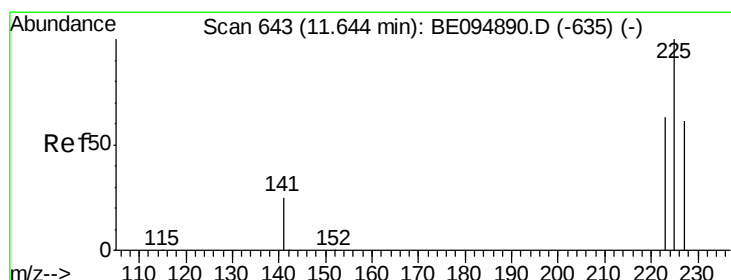
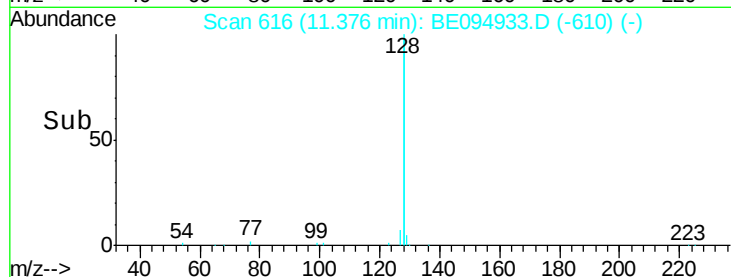
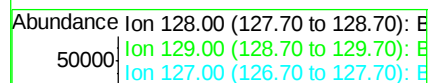
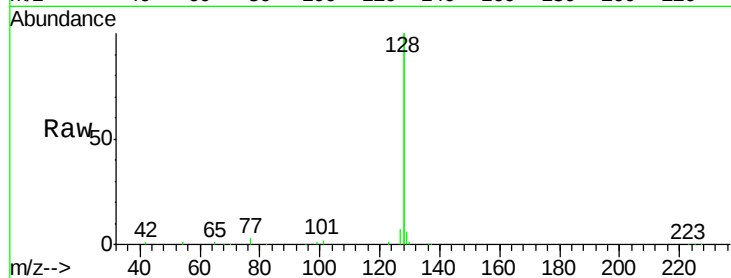
Tot Ion:128 Resp: 66476

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

127 3.6 2.8 4.2



#10

Hexachlorobutadiene

Concen: 0.420 ng

RT: 11.64 min Scan# 643

Delta R.T. 0.00 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

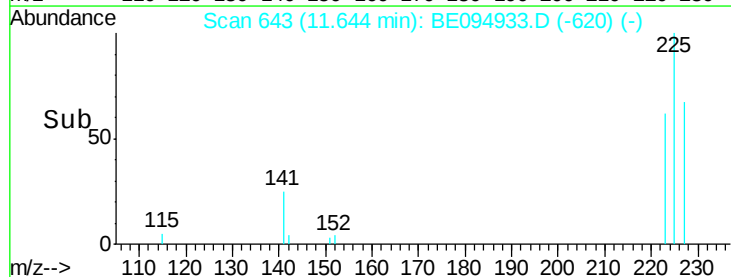
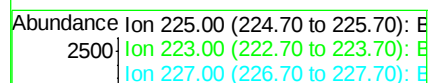
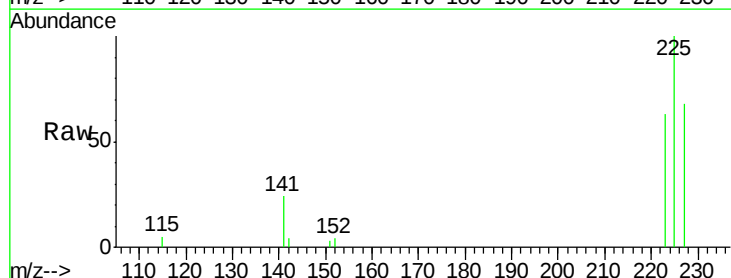
Tgt Ion:225 Resp: 3002

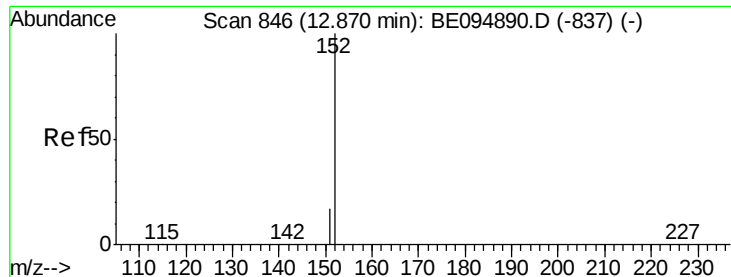
Ion Ratio Lower Upper

225 100

223 62.6 53.0 79.6

227 64.4 51.4 77.2





#11

2-Methylnaphthalene-d10

Concen: 0.410 ng

RT: 12.86 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

Instrument :

BNA_E

ClientSampleId :

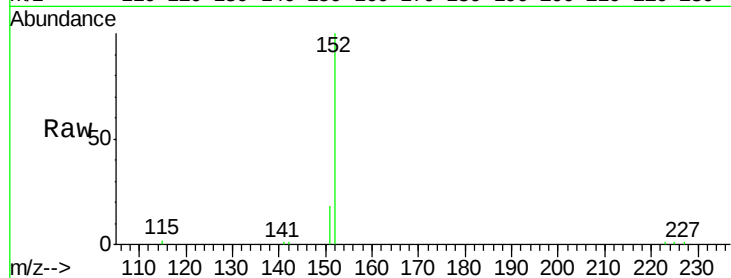
SSTDCCC0.4

Tot Ion:152 Resp: 9454

Ion Ratio Lower Upper

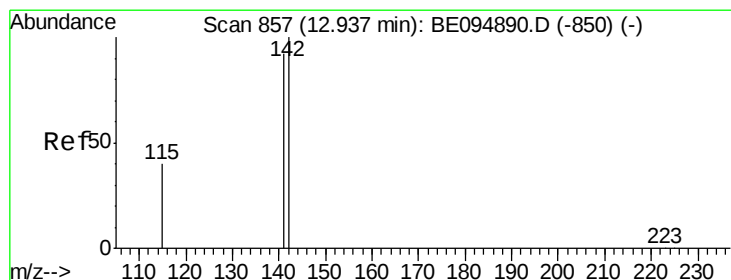
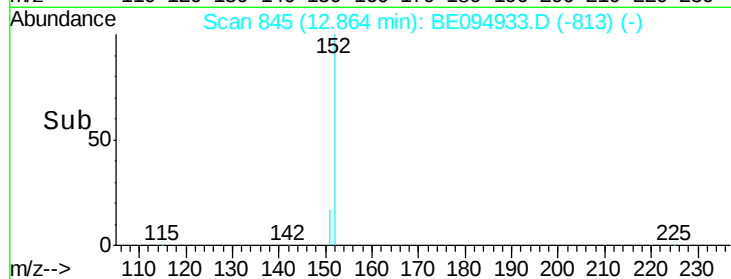
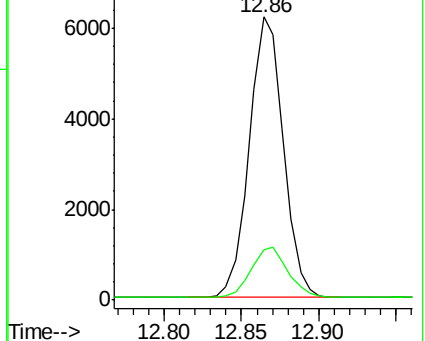
152 100

151 19.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.406 ng

RT: 12.94 min Scan# 857

Delta R.T. 0.00 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

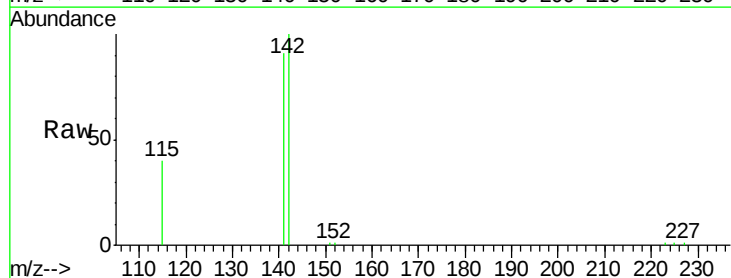
Tgt Ion:142 Resp: 17073

Ion Ratio Lower Upper

142 100

141 91.1 70.4 105.6

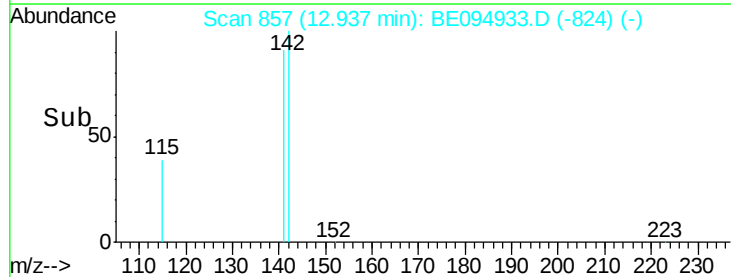
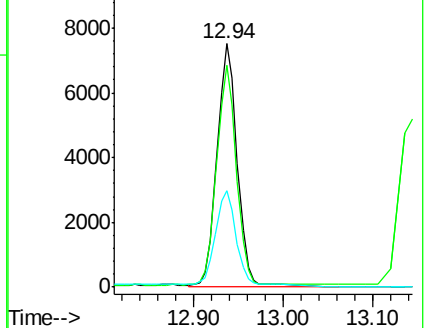
115 39.7 31.7 47.5

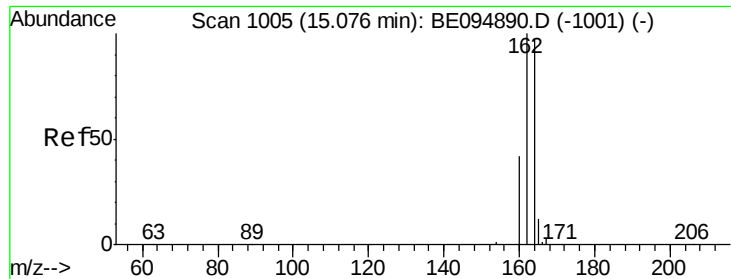


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

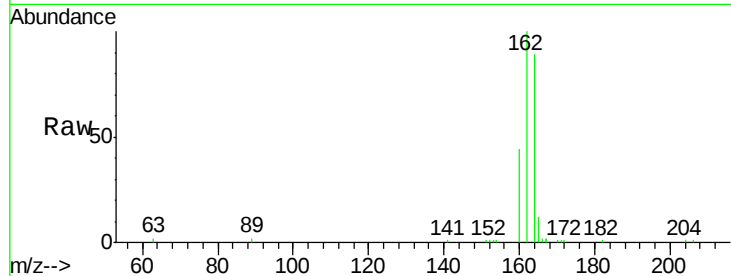
Tot Ion:164 Resp: 8601

Ion Ratio Lower Upper

164 100

162 112.3 83.1 124.7

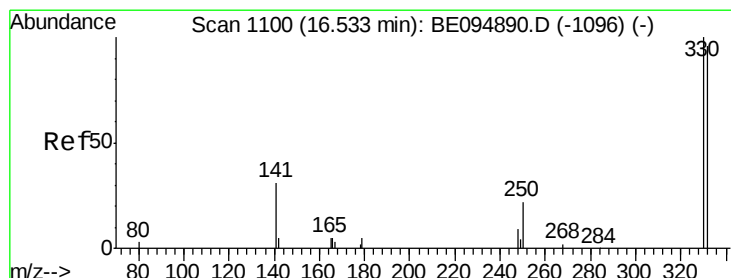
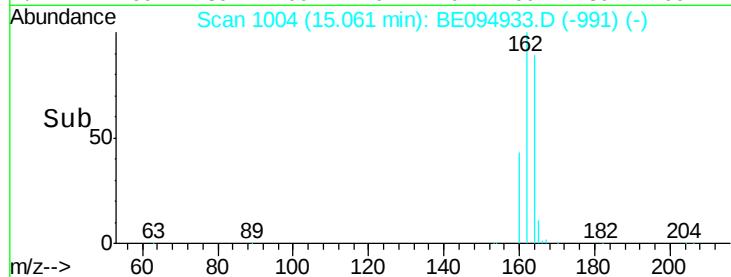
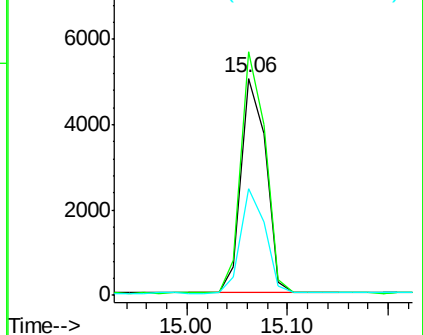
160 49.0 37.1 55.7



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: 0.566 ng

RT: 16.53 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

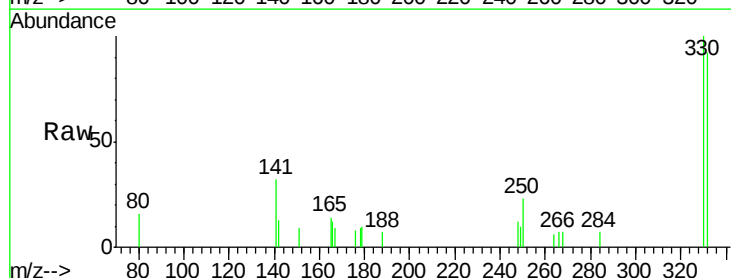
Tgt Ion:330 Resp: 1082

Ion Ratio Lower Upper

330 100

332 93.5 152.7 229.1#

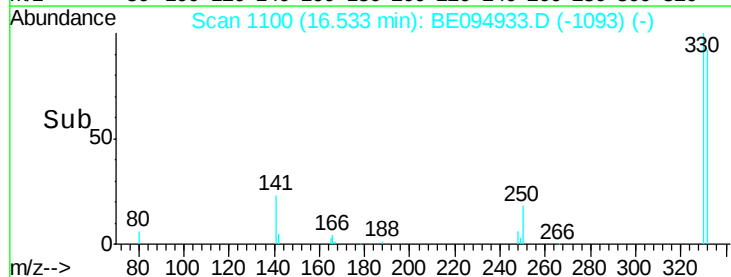
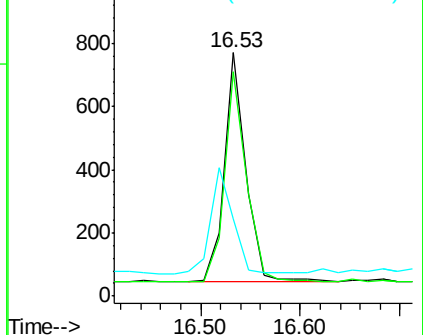
141 47.9 33.7 50.5

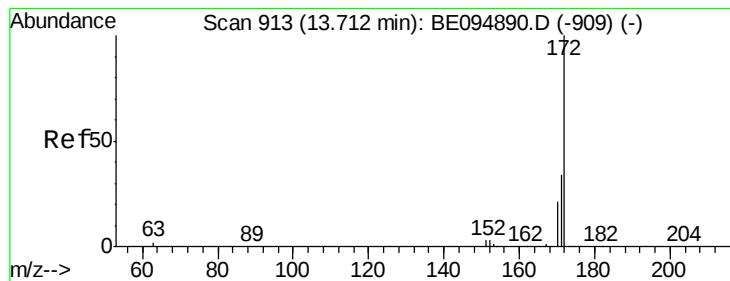


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.390 ng

RT: 13.71 min Scan# 913

Delta R.T. 0.00 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

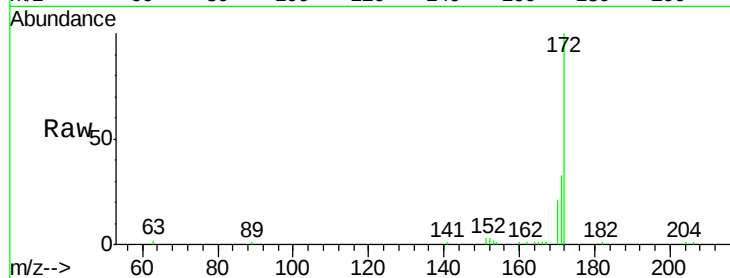
Tot Ion:172 Resp: 14362

Ion Ratio Lower Upper

172 100

171 33.1 29.9 44.9

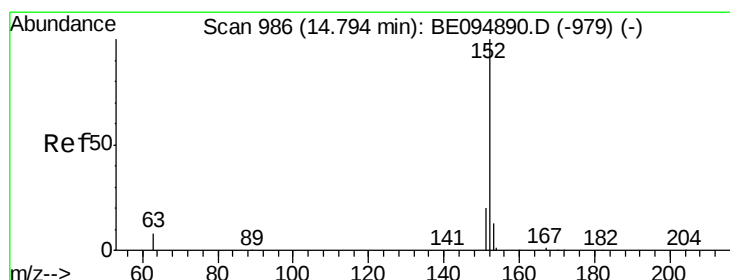
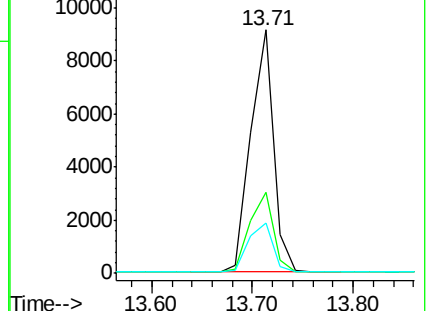
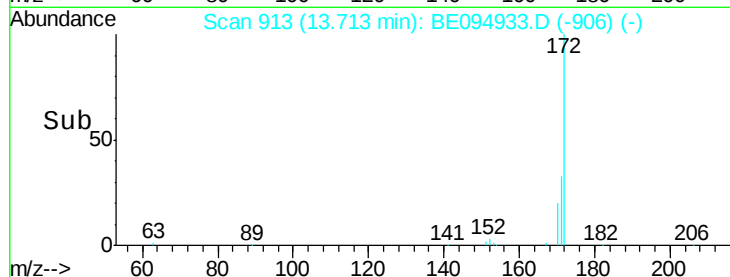
170 20.7 21.8 32.8#



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: 0.387 ng

RT: 14.79 min Scan# 986

Delta R.T. 0.00 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

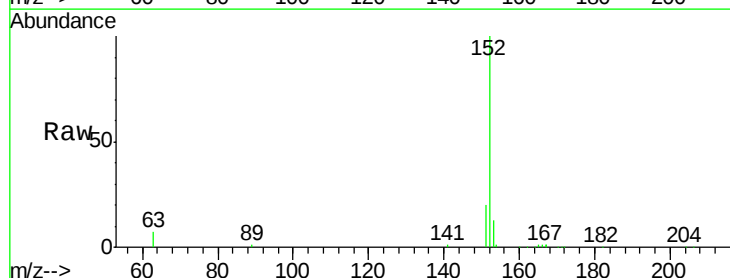
Tgt Ion:152 Resp: 18818

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

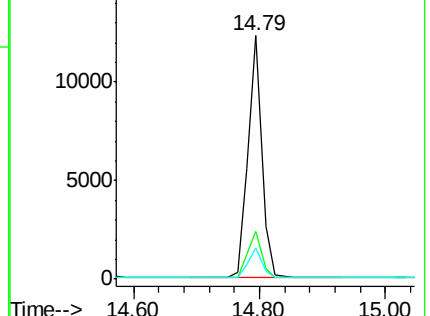
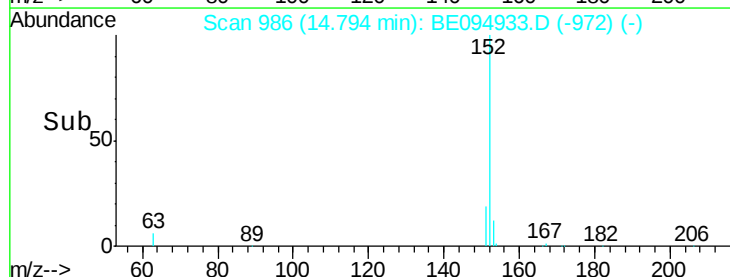
153 12.7 10.5 15.7

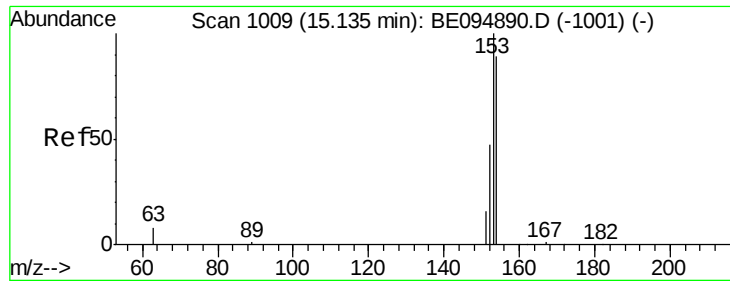


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.390 ng

RT: 15.12 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

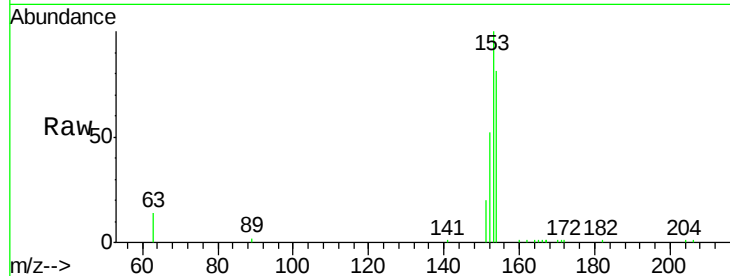
Tot Ion:154 Resp: 12245

Ion Ratio Lower Upper

154 100

153 114.0 89.2 133.8

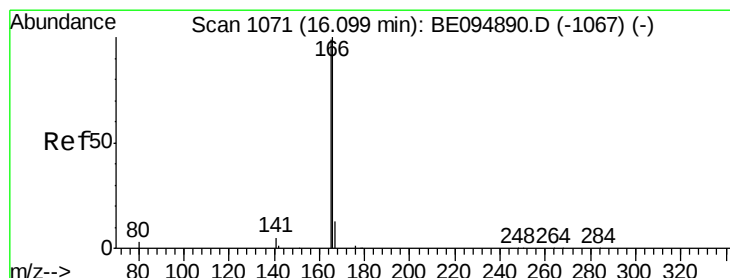
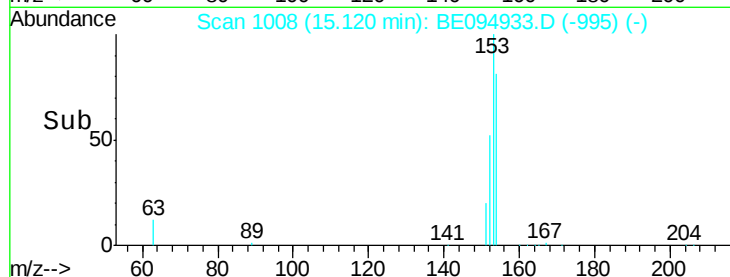
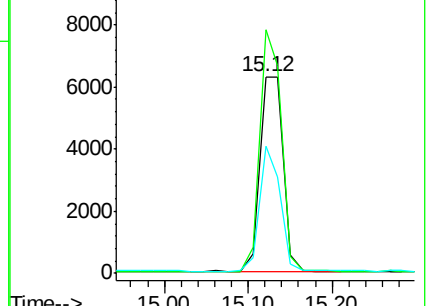
152 57.2 42.0 63.0



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: 0.384 ng

RT: 16.10 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

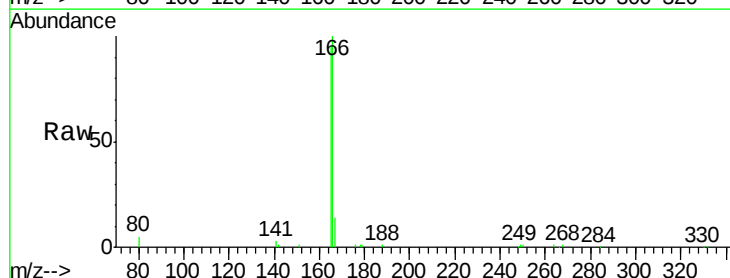
Tgt Ion:166 Resp: 15359

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.6

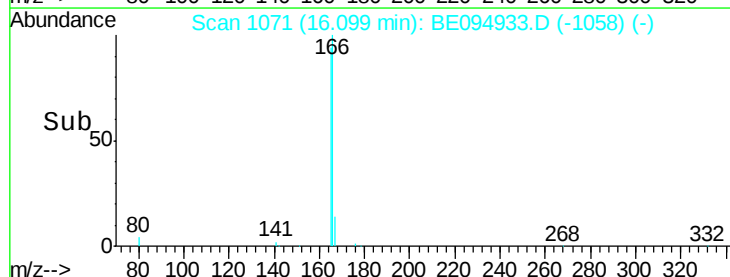
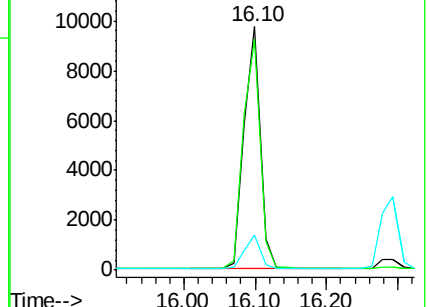
167 13.7 42.4 63.6#

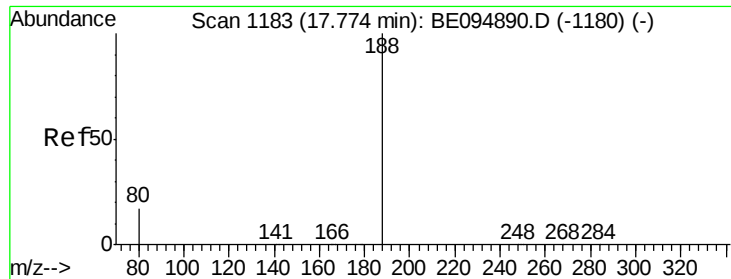


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.77 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

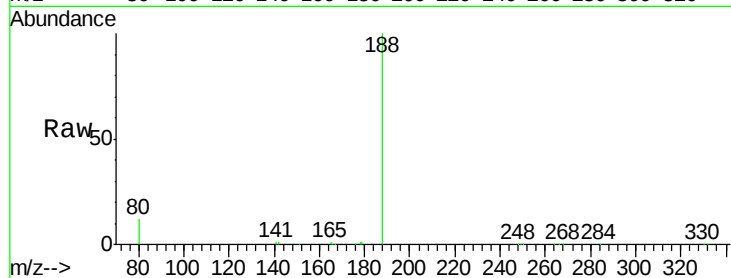
Tot Ion:188 Resp: 21555

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

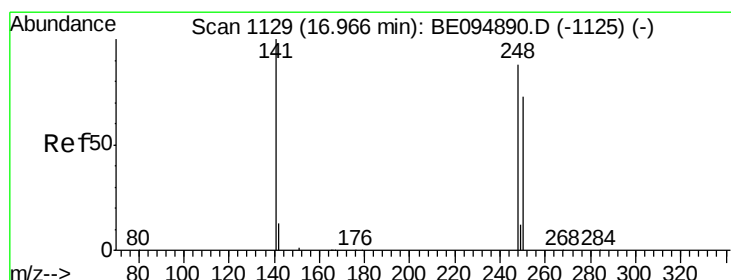
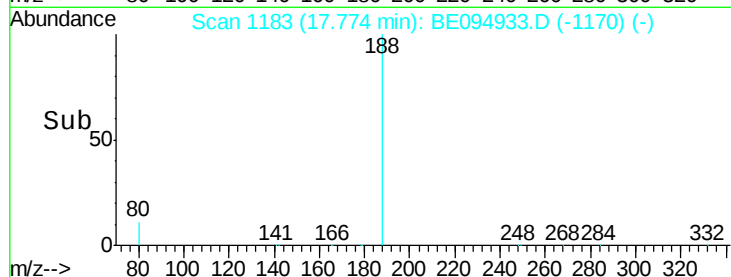
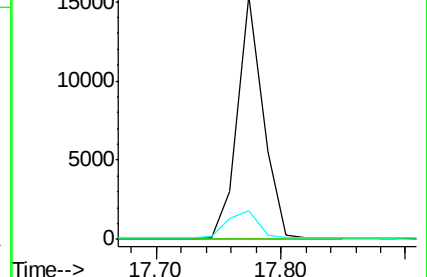
80 11.9 3.6 5.4#



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: 0.396 ng

RT: 16.97 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

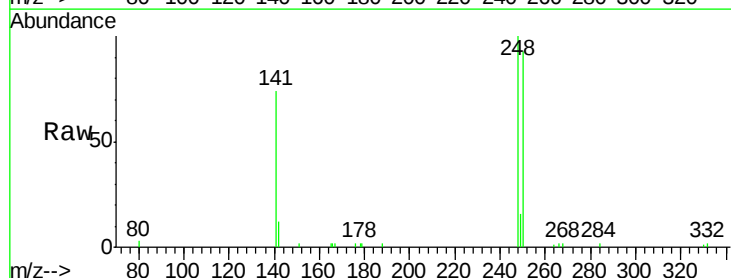
Tgt Ion:248 Resp: 4765

Ion Ratio Lower Upper

248 100

250 93.1 62.7 94.1

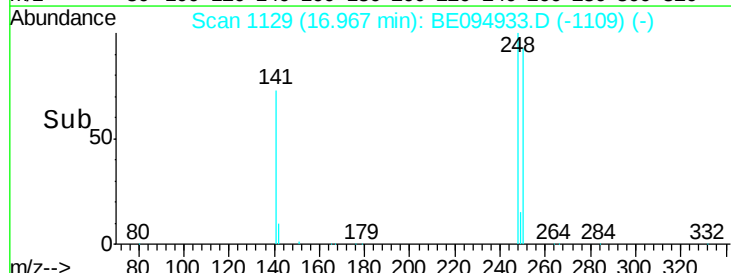
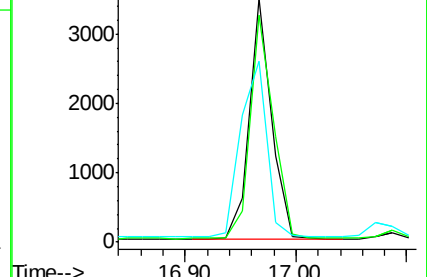
141 74.4 48.2 72.2#

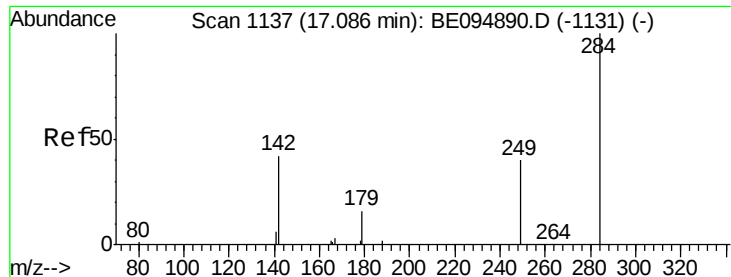


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.414 ng

RT: 17.09 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

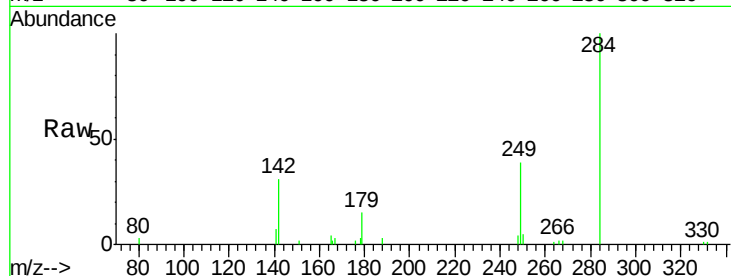
Tot Ion:284 Resp: 4852

Ion Ratio Lower Upper

284 100

142 43.2 22.1 33.1#

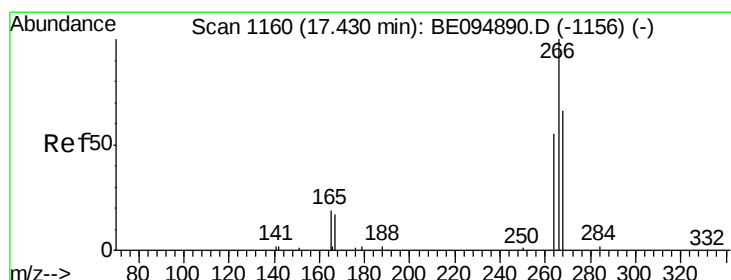
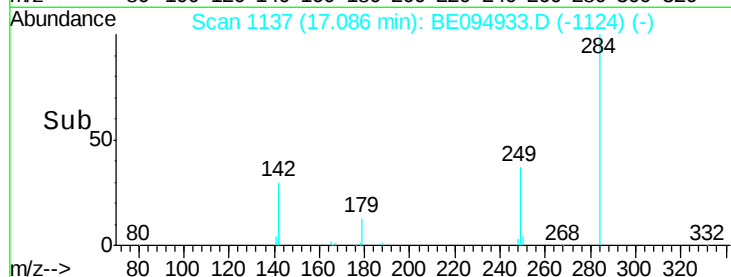
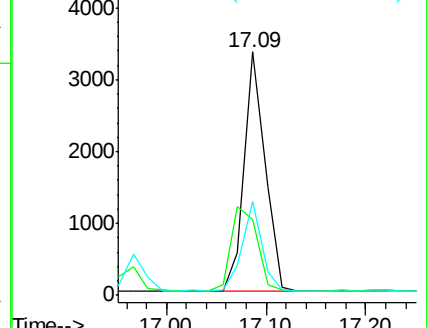
249 35.7 34.8 52.2



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: 0.516 ng

RT: 17.42 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

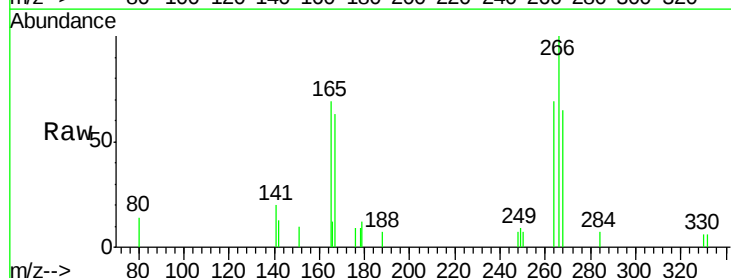
Tgt Ion:266 Resp: 1488

Ion Ratio Lower Upper

266 100

264 69.3 72.5 108.7#

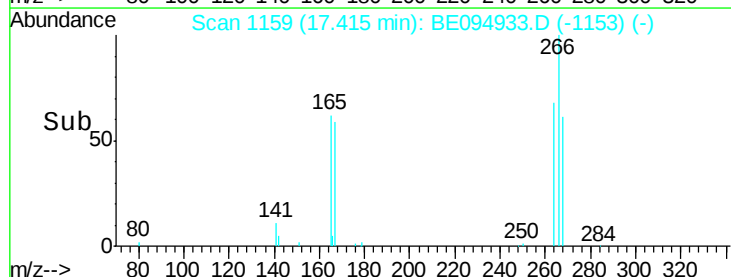
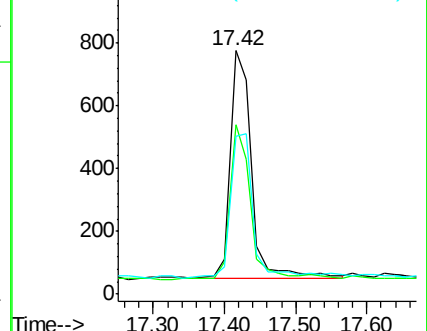
268 64.8 73.8 110.6#

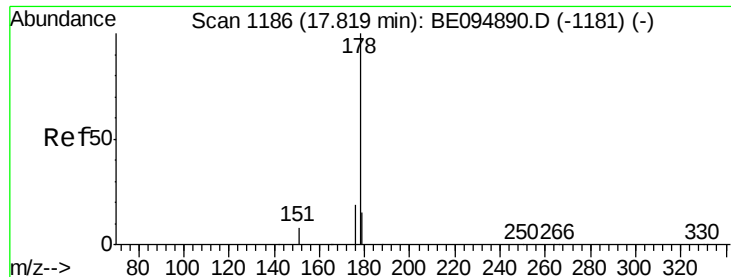


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

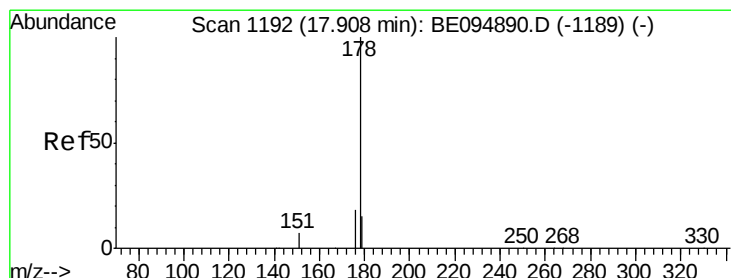
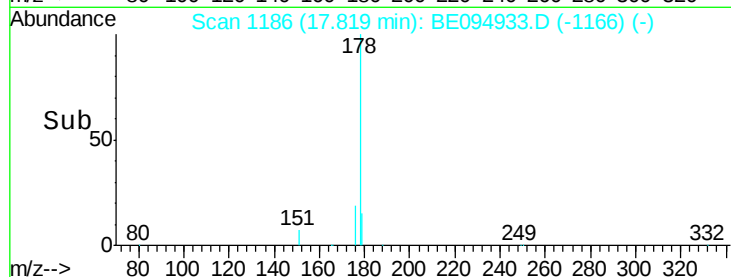
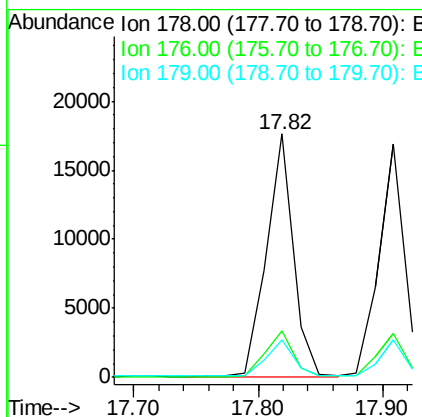
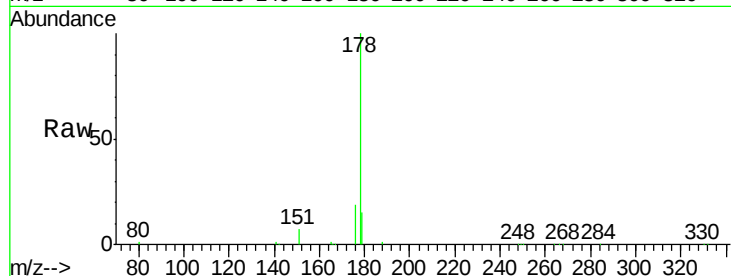




#23
Phenanthrene
Concen: 0.384 ng
RT: 17.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

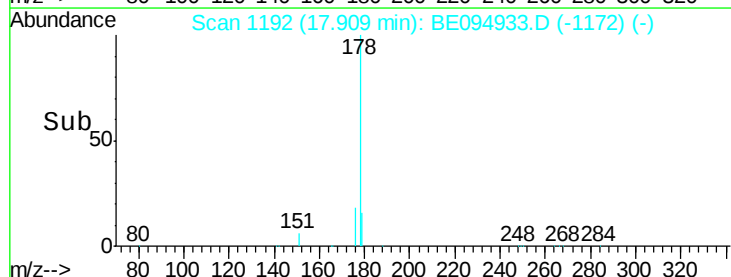
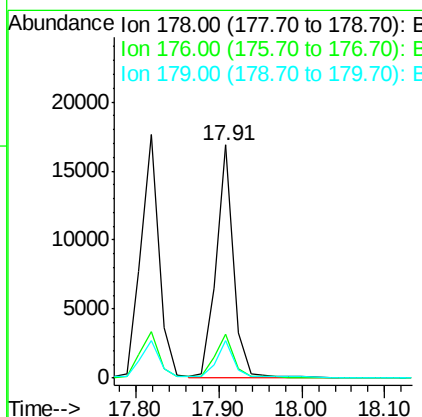
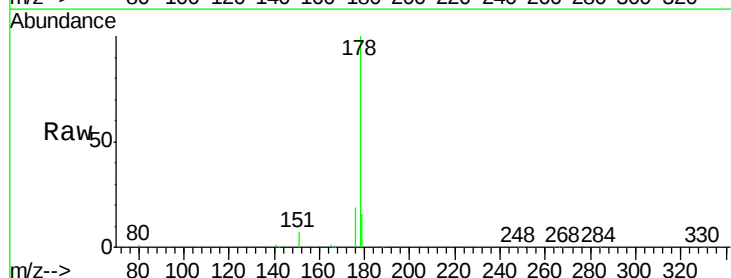
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

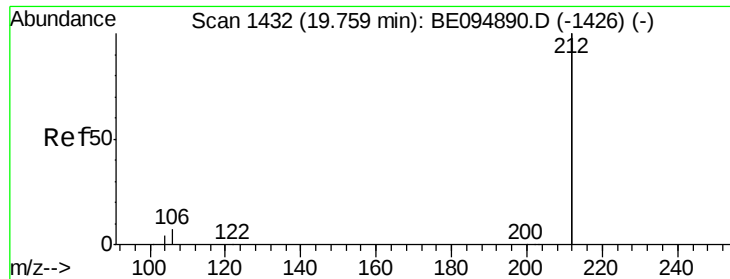
Tot Ion:178 Resp: 26401
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 15.6 11.8 17.6



#24
Anthracene
Concen: 0.375 ng
RT: 17.91 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Tgt Ion:178 Resp: 27323
Ion Ratio Lower Upper
178 100
176 21.0 12.8 19.2#
179 17.7 13.0 19.6

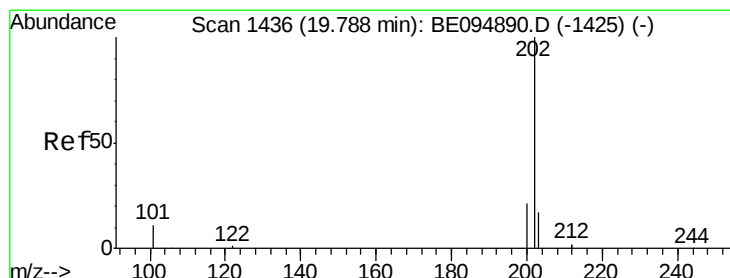
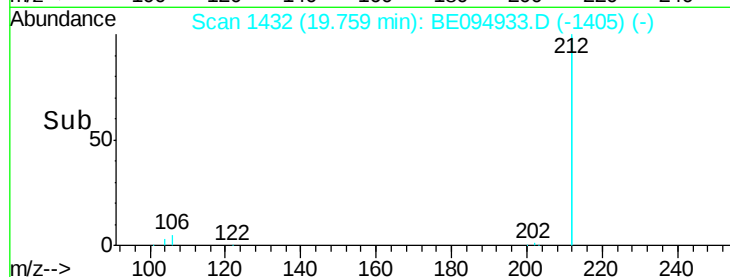
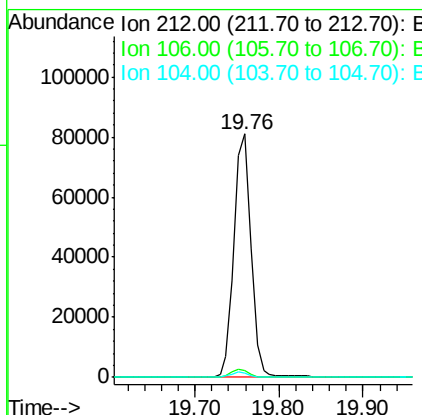
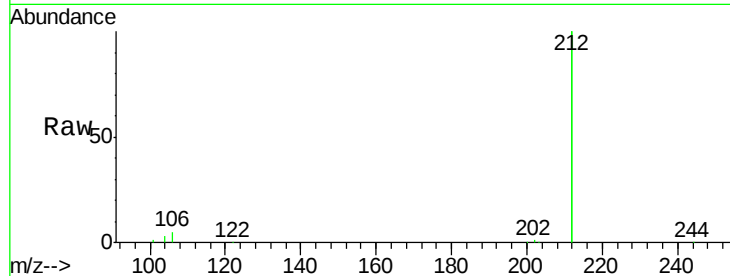




#25
 Fluoranthene-d10
 Concen: 0.378 ng
 RT: 19.76 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BE094933.D
 Acq: 6 Dec 2017 2:11

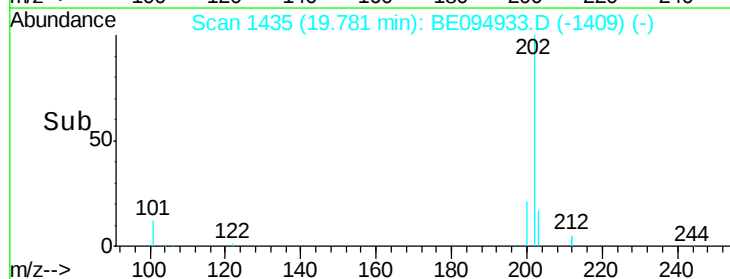
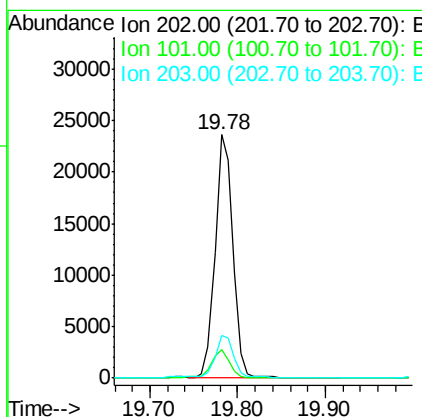
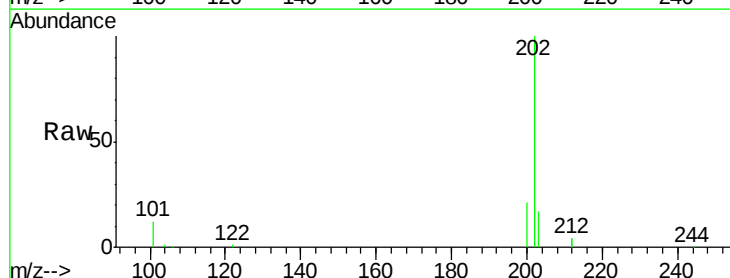
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

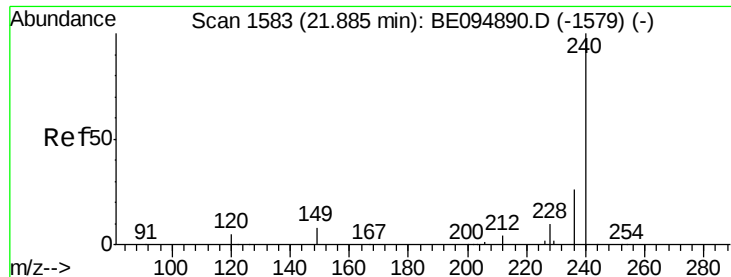
Tot Ion:212 Resp: 111258
 Ion Ratio Lower Upper
 212 100
 106 3.3 2.8 4.2
 104 2.0 1.6 2.4



#26
 Fluoranthene
 Concen: 0.368 ng
 RT: 19.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BE094933.D
 Acq: 6 Dec 2017 2:11

Tgt Ion:202 Resp: 32476
 Ion Ratio Lower Upper
 202 100
 101 11.5 9.8 14.8
 203 17.5 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.89 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

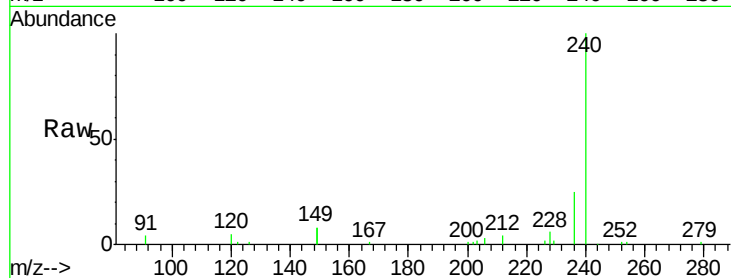
Tot Ion:240 Resp: 24396

Ion Ratio Lower Upper

240 100

120 4.5 5.5 8.3#

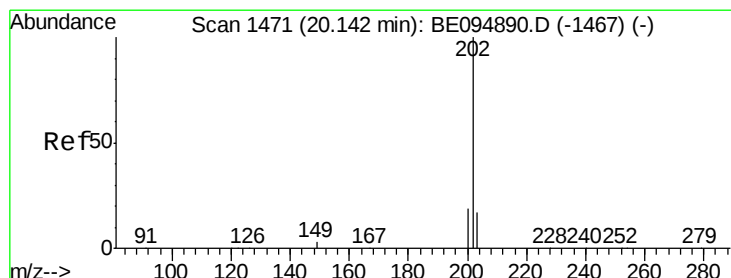
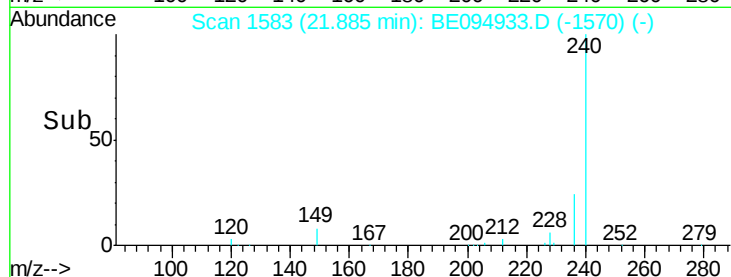
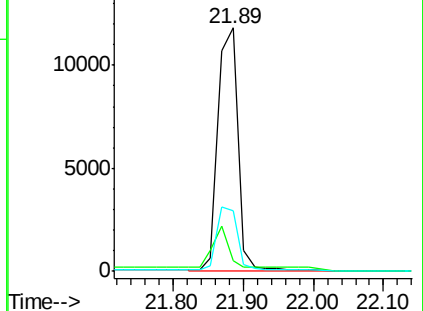
236 25.0 20.7 31.1



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: 0.441 ng

RT: 20.13 min Scan# 1470

Delta R.T. -0.02 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

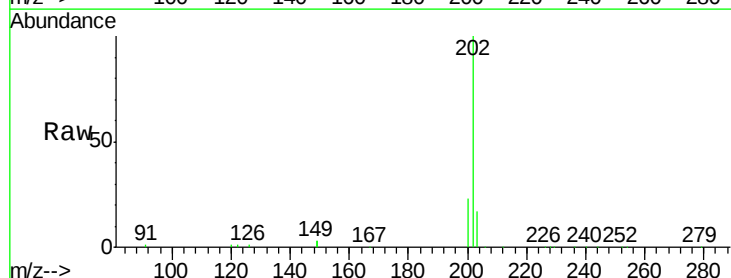
Tgt Ion:202 Resp: 37110

Ion Ratio Lower Upper

202 100

200 19.1 16.6 25.0

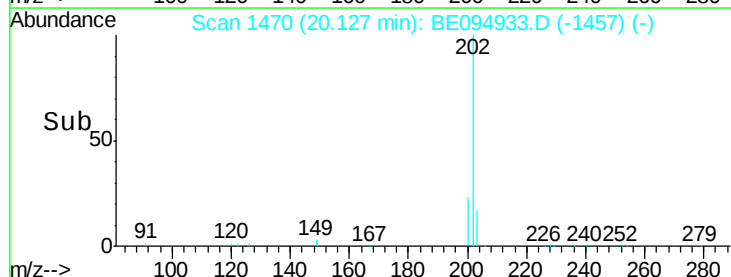
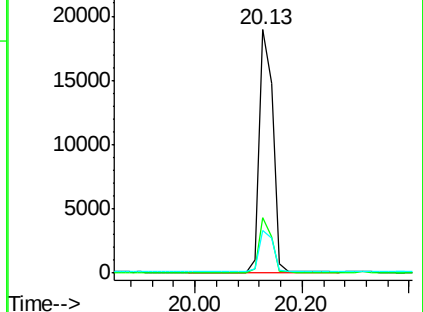
203 18.6 13.8 20.8

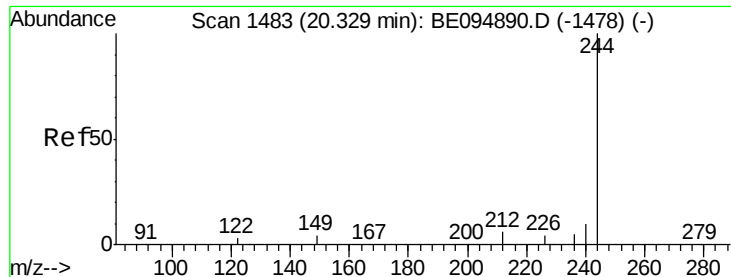


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.398 ng

RT: 20.31 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

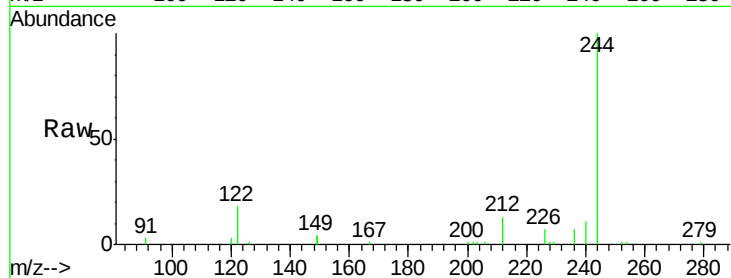
Tot Ion:244 Resp: 17929

Ion Ratio Lower Upper

244 100

212 13.2 25.4 38.0#

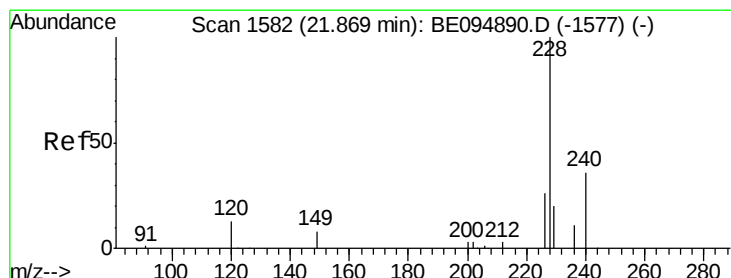
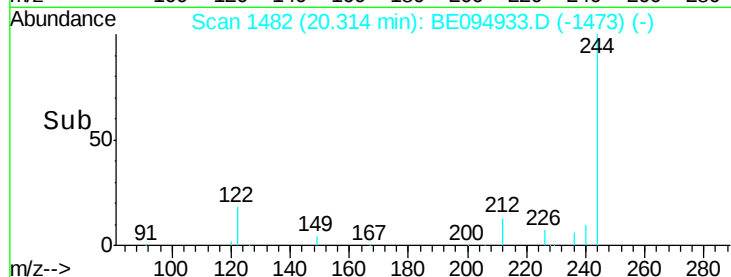
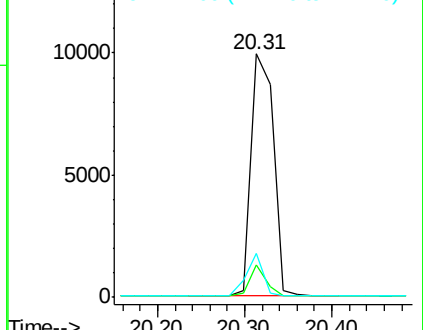
122 18.3 8.1 12.1#



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: 0.393 ng

RT: 21.85 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

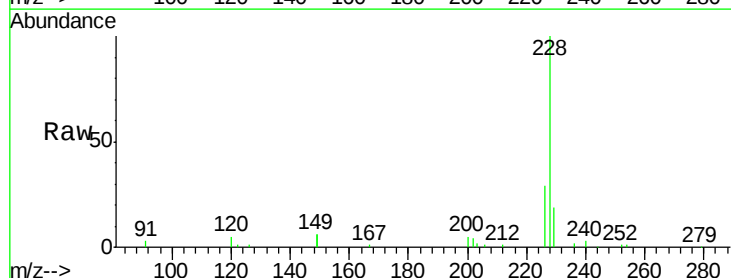
Tgt Ion:228 Resp: 29385

Ion Ratio Lower Upper

228 100

226 29.1 40.0 60.0#

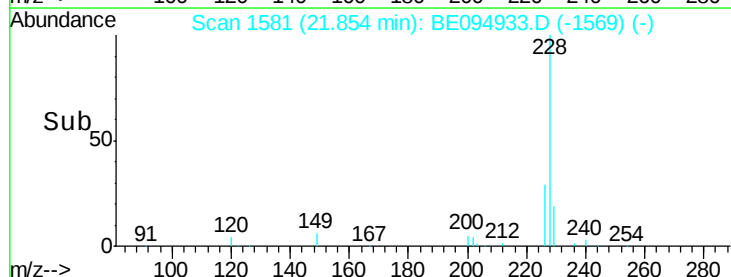
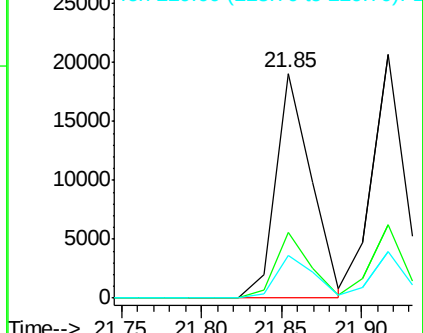
229 19.3 40.0 60.0#

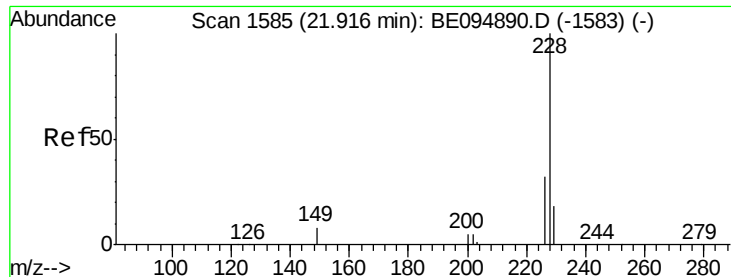


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.381 ng

RT: 21.92 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

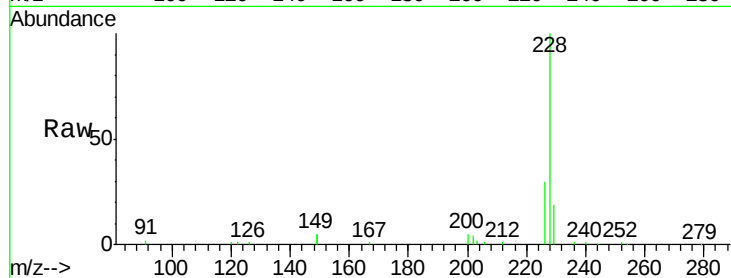
Tot Ion:228 Resp: 31519

Ion Ratio Lower Upper

228 100

226 30.3 40.0 60.0#

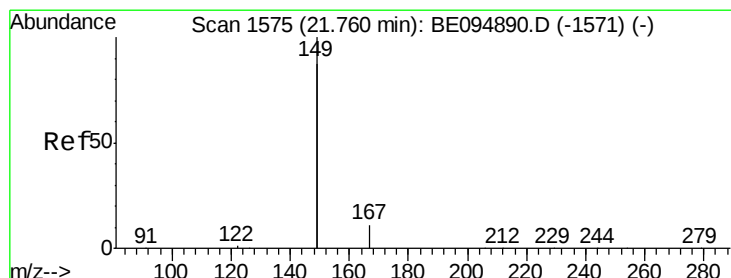
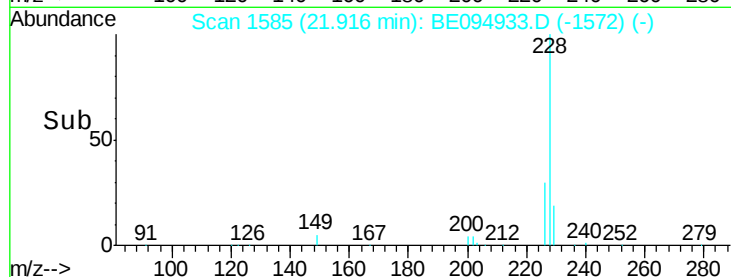
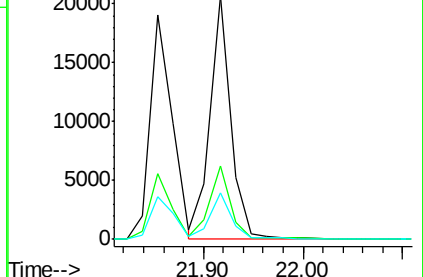
229 19.1 40.0 60.0#



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: 0.463 ng

RT: 21.75 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

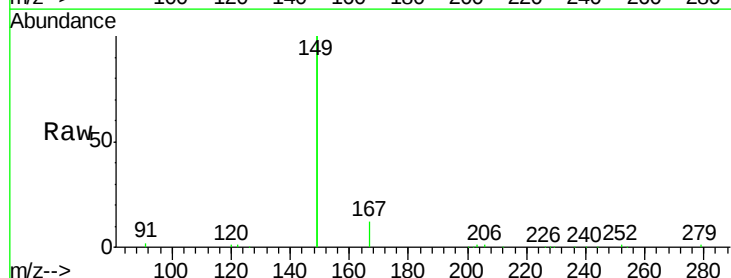
Tgt Ion:149 Resp: 57388

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

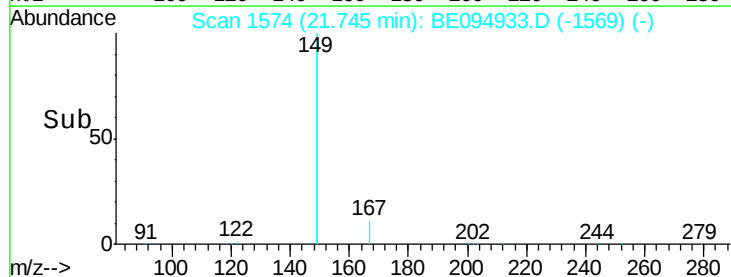
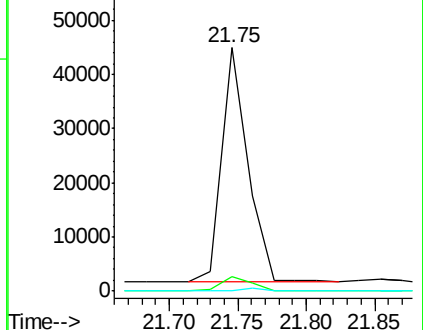
279 0.8 0.7 1.1

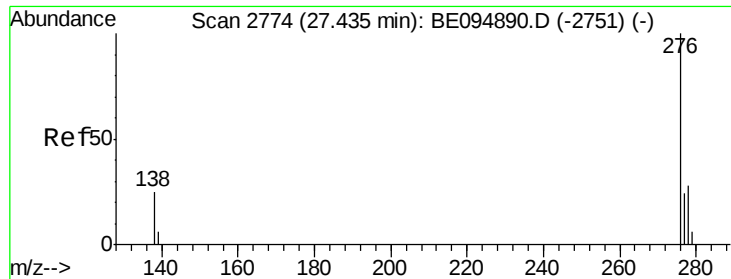


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

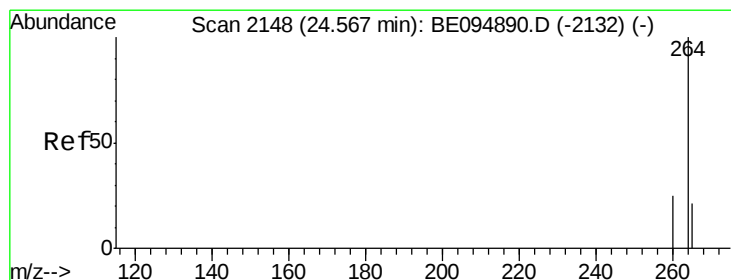
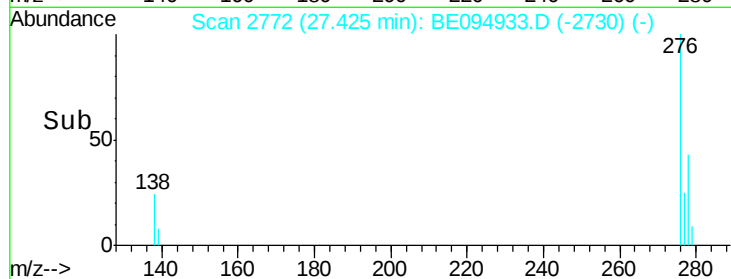
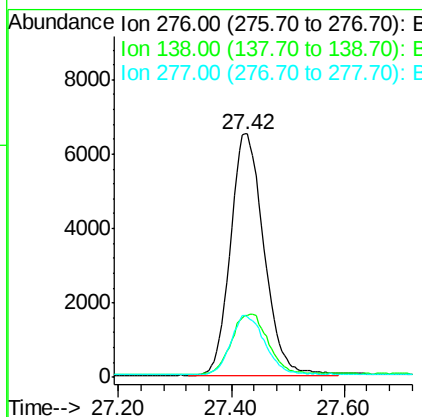
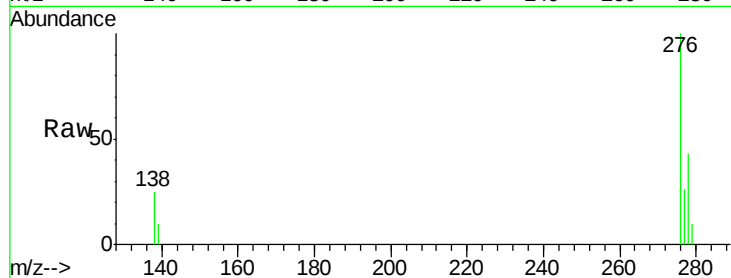




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.387 ng
 RT: 27.42 min Scan# 2772
 Delta R.T. -0.01 min
 Lab File: BE094933.D
 Acq: 6 Dec 2017 2:11

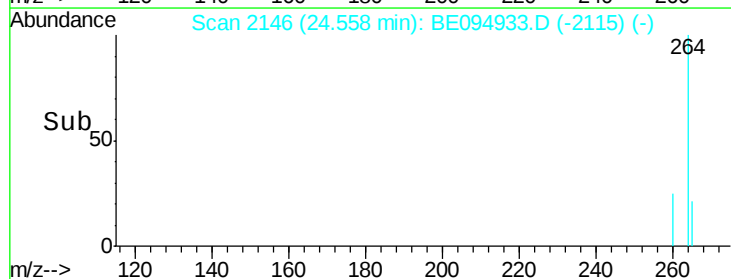
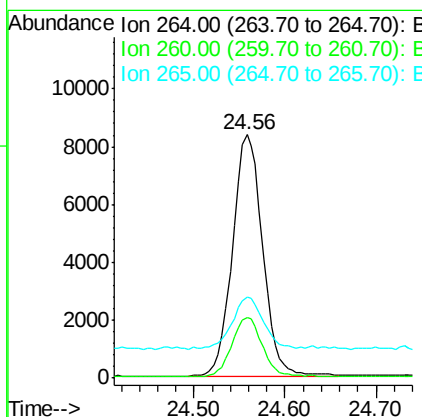
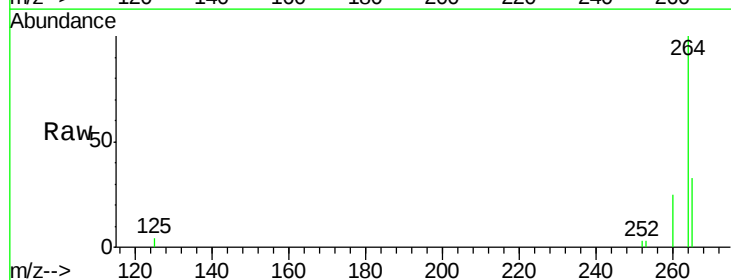
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

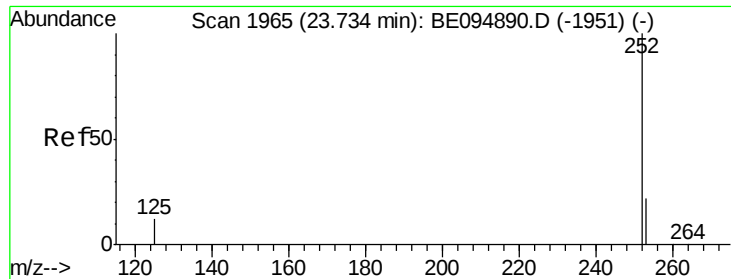
Tot Ion:276 Resp: 26162
 Ion Ratio Lower Upper
 276 100
 138 26.8 22.5 33.7
 277 24.9 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.56 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BE094933.D
 Acq: 6 Dec 2017 2:11

Tgt Ion:264 Resp: 19219
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.5 30.7
 265 33.0 22.8 34.2

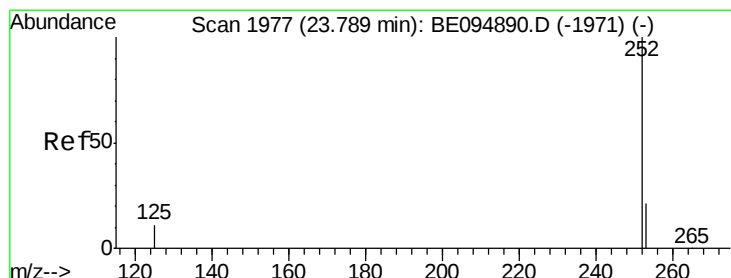
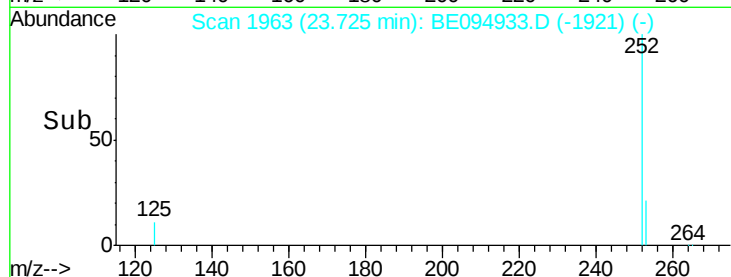
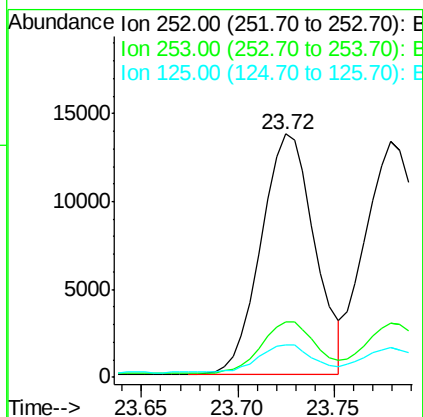
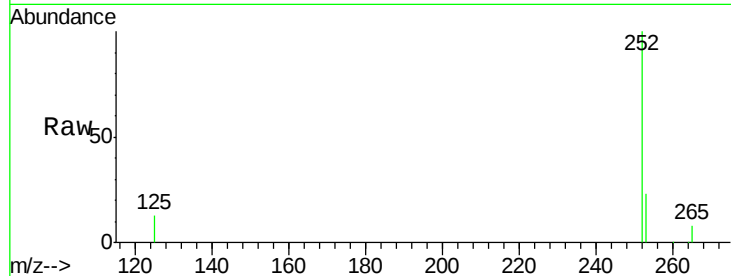




#35
Benzo(b)fluoranthene
Concen: 0.378 ng
RT: 23.72 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

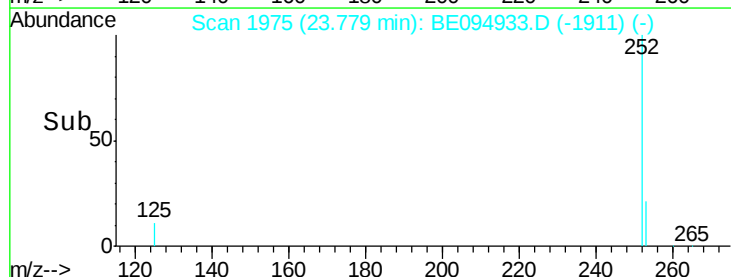
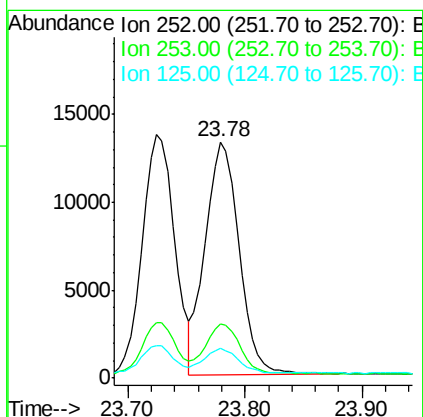
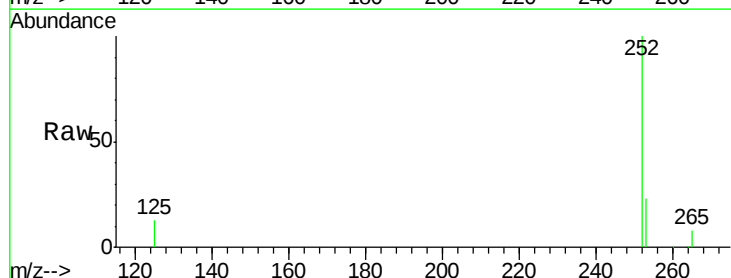
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

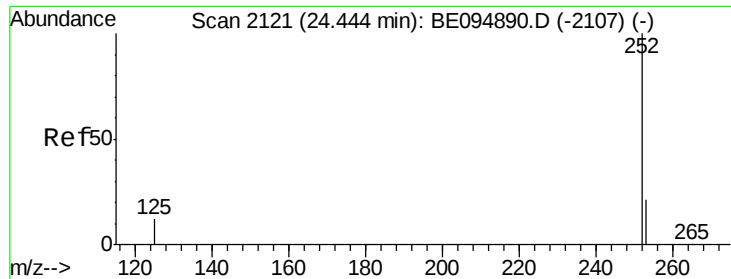
Tot Ion:252 Resp: 26522
Ion Ratio Lower Upper
252 100
253 22.6 48.0 72.0#
125 13.3 56.0 84.0#



#36
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 23.78 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BE094933.D
Acq: 6 Dec 2017 2:11

Tgt Ion:252 Resp: 26648
Ion Ratio Lower Upper
252 100
253 23.0 48.0 72.0#
125 12.8 56.0 84.0#





#37

Benzo(a)pyrene

Concen: 0.393 ng

RT: 24.43 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

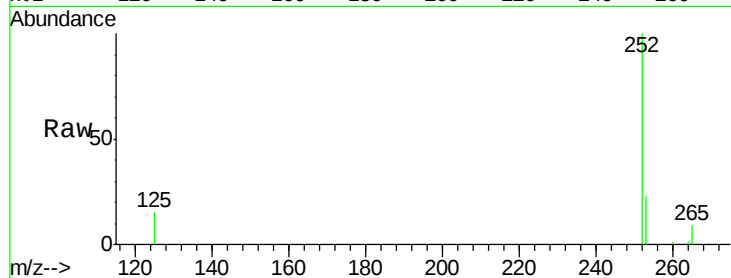
Tot Ion:252 Resp: 24205

Ion Ratio Lower Upper

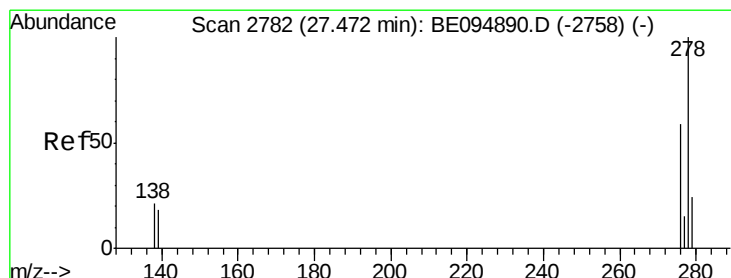
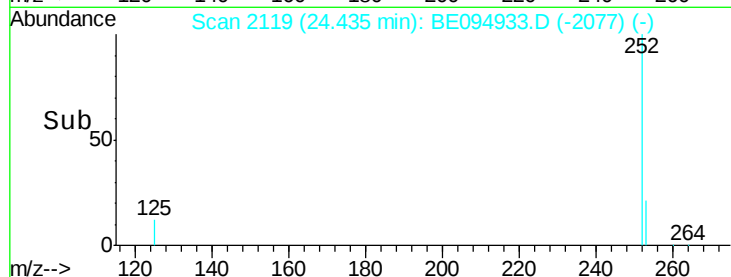
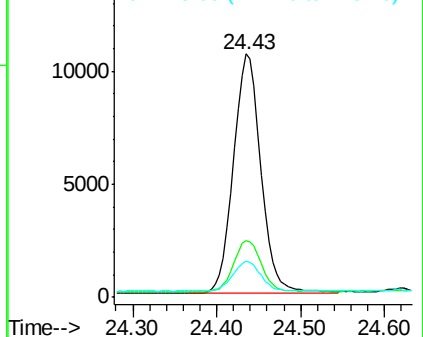
252 100

253 23.3 52.0 78.0#

125 14.8 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: 0.382 ng

RT: 27.45 min Scan# 2778

Delta R.T. -0.02 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

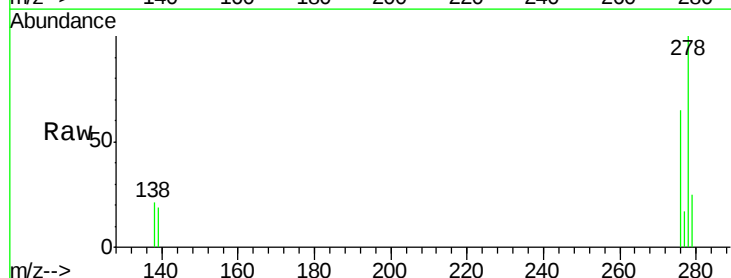
Tgt Ion:278 Resp: 21694

Ion Ratio Lower Upper

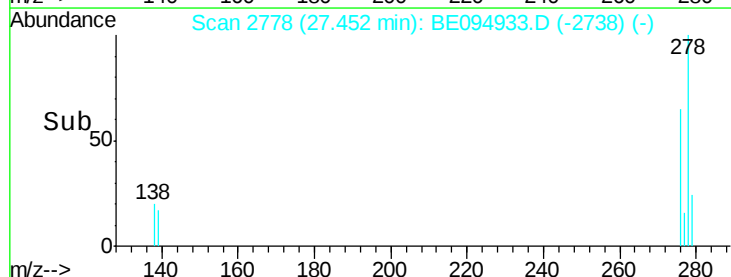
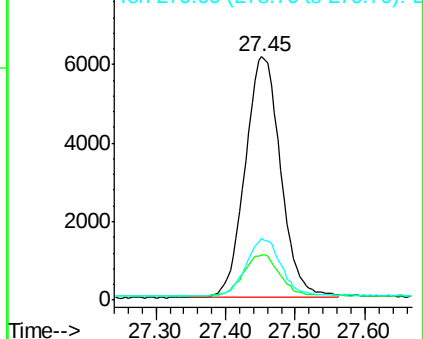
278 100

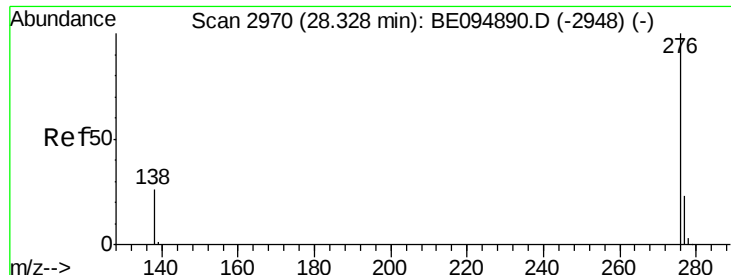
139 18.6 56.0 84.0#

279 25.5 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: 0.386 ng

RT: 28.31 min Scan# 2967

Delta R.T. -0.02 min

Lab File: BE094933.D

Acq: 6 Dec 2017 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

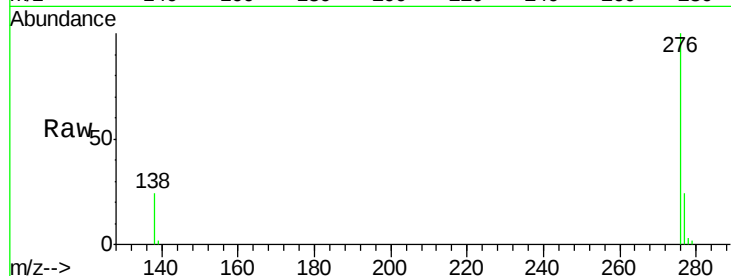
Tot Ion: 276 Resp: 21889

Ion Ratio Lower Upper

276 100

277 24.0 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

