

Data Path : Z:\HPCHEM1\BNA E\DATA\BE113017\
 Data File : BE094894.D
 Acq On : 30 Nov 2017 16:12
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE113017

Quant Time: Nov 30 16:46:45 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:29:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	8214	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	17261	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	9405	0.40	ng	-0.01
19) Phenanthrene-d10	17.77	188	23659	0.40	ng	0.00
27) Chrysene-d12	21.88	240	29153	0.40	ng	0.00
34) Perylene-d12	24.57	264	22568	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.95	112	4874	0.37	ng	0.00
5) Phenol-d6	7.59	99	7273	0.38	ng	0.00
8) Nitrobenzene-d5	9.67	82	3909	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.87	152	10905	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	765	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	16724	0.42	ng	0.00
25) Fluoranthene-d10	19.76	212	129537	0.40	ng	0.00
29) Terphenyl-d14	20.33	244	21678	0.40	ng	0.00

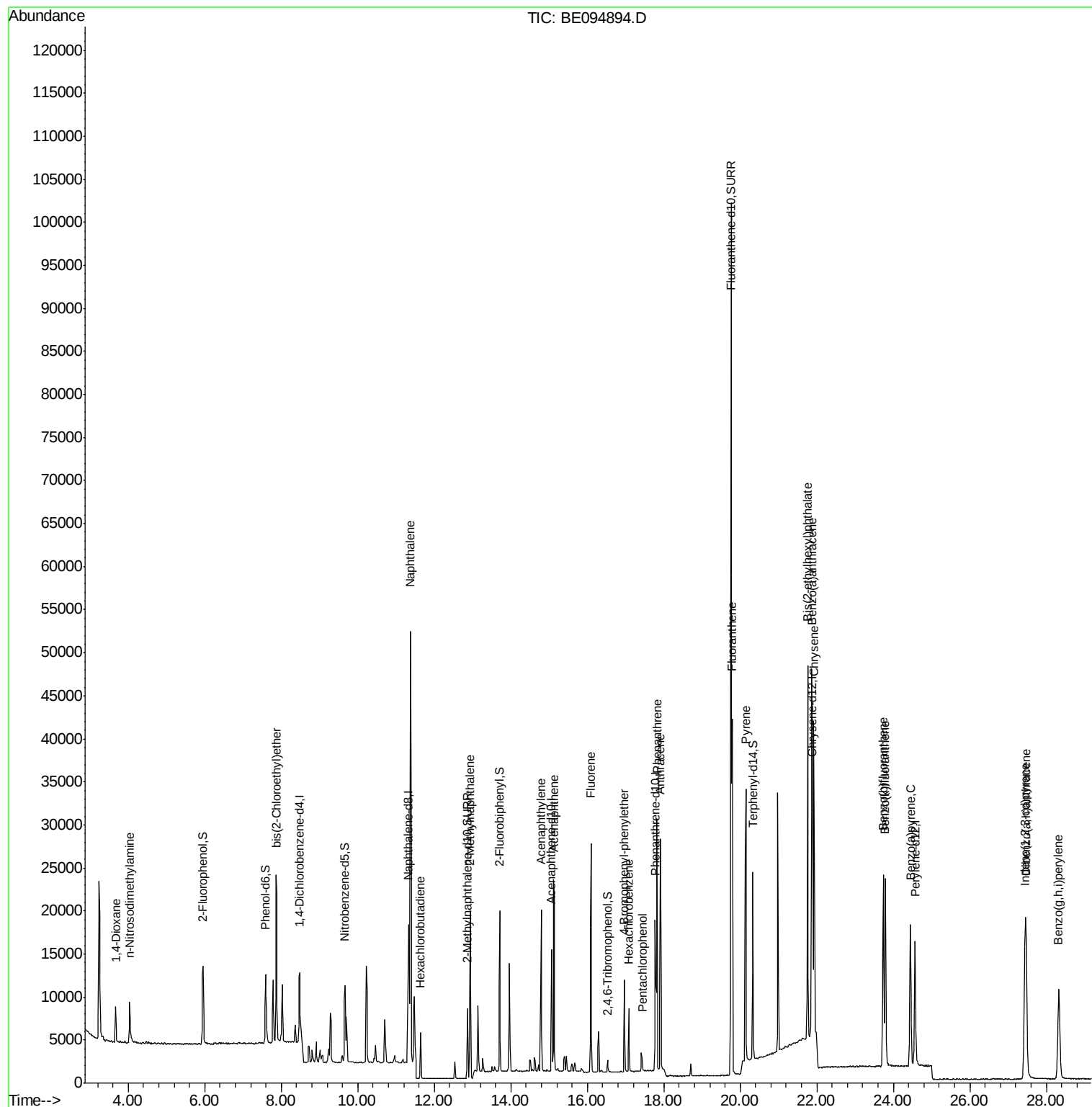
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.68	88	3208	0.373	ng	# 88
3) n-Nitrosodimethylamine	4.03	42	4073	0.372	ng	81
6) bis(2-Chloroethyl)ether	7.88	93	7465	0.391	ng	96
9) Naphthalene	11.38	128	80733	0.399	ng	99
10) Hexachlorobutadiene	11.64	225	3455	0.405	ng	98
12) 2-Methylnaphthalene	12.94	142	19710	0.392	ng	95
16) Acenaphthylene	14.79	152	20723	0.390	ng	99
17) Acenaphthene	15.13	154	13644	0.397	ng	95
18) Fluorene	16.10	166	17474	0.400	ng	# 78
20) 4-Bromophenyl-phenylether	16.97	248	5376	0.407	ng	# 71
21) Hexachlorobenzene	17.09	284	5321	0.413	ng	# 79
22) Pentachlorophenol	17.43	266	1207	0.416	ng	# 71
23) Phenanthrene	17.82	178	29902	0.397	ng	98
24) Anthracene	17.91	178	31407	0.393	ng	# 92
26) Fluoranthene	19.79	202	38734	0.400	ng	100
28) Pyrene	20.14	202	39222	0.390	ng	100
30) Benzo(a)anthracene	21.87	228	34459	0.385	ng	# 61
31) Chrysene	21.92	228	39597	0.401	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.76	149	48319	0.326	ng	99
33) Indeno(1,2,3-cd)pyrene	27.43	276	31193	0.386	ng	98
35) Benzo(b)fluoranthene	23.73	252	33029	0.401	ng	# 40
36) Benzo(k)fluoranthene	23.79	252	33325	0.397	ng	# 41
37) Benzo(a)pyrene	24.44	252	28229	0.391	ng	# 33
38) Dibenzo(a,h)anthracene	27.47	278	26480	0.397	ng	# 43
39) Benzo(g,h,i)perylene	28.33	276	26699	0.401	ng	# 52

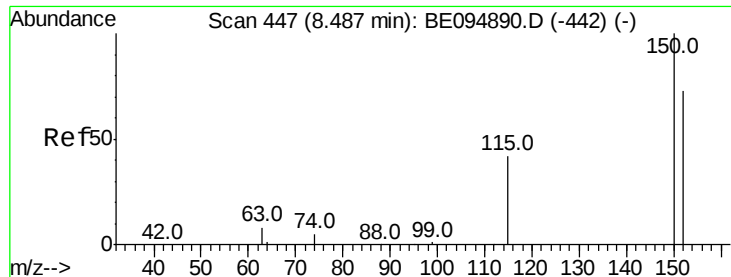
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.49 min Scan# 447

Delta R.T. -0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

Instrument :

BNA_E

ClientSampleId :

ICVBE113017

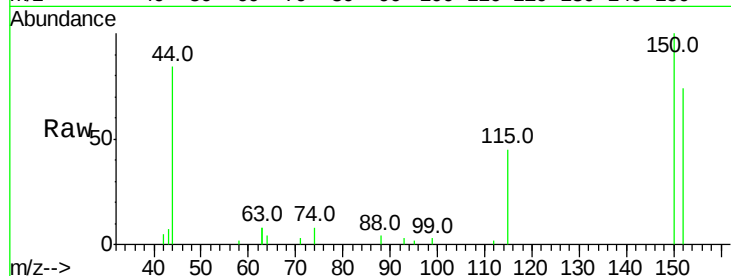
Tot Ion:152 Resp: 8214

Ion Ratio Lower Upper

152 100

150 135.9 117.2 175.8

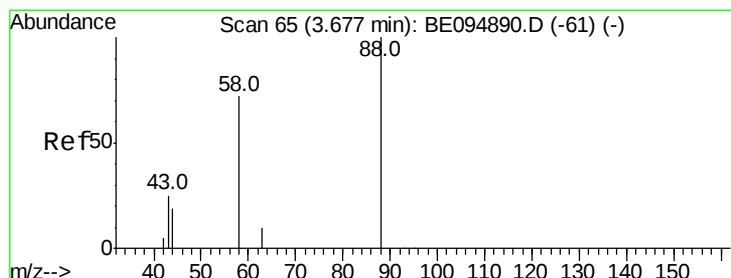
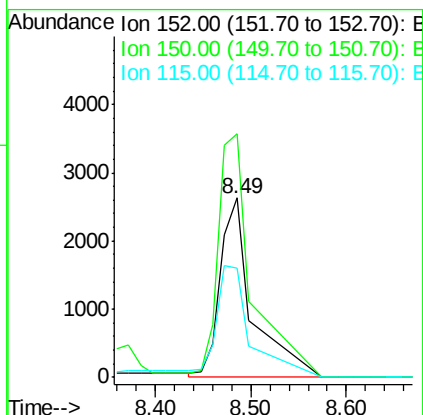
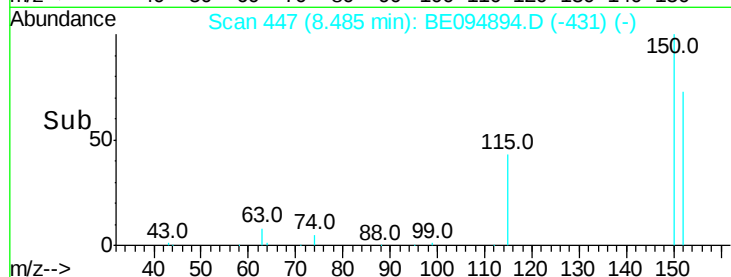
115 60.9 57.0 85.6



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: 0.373 ng

RT: 3.68 min Scan# 65

Delta R.T. -0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

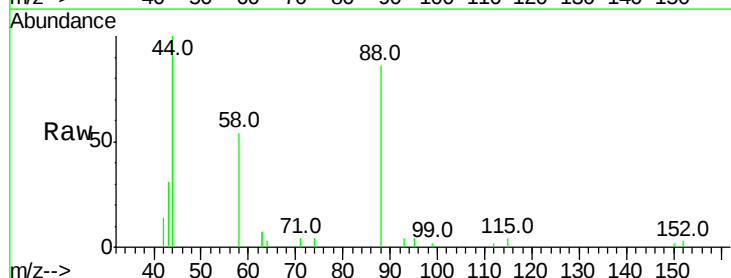
Tgt Ion: 88 Resp: 3208

Ion Ratio Lower Upper

88 100

58 84.5 63.2 94.8

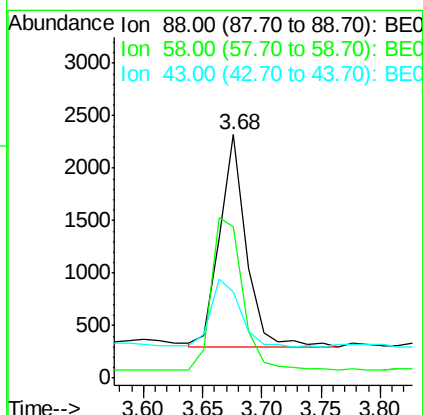
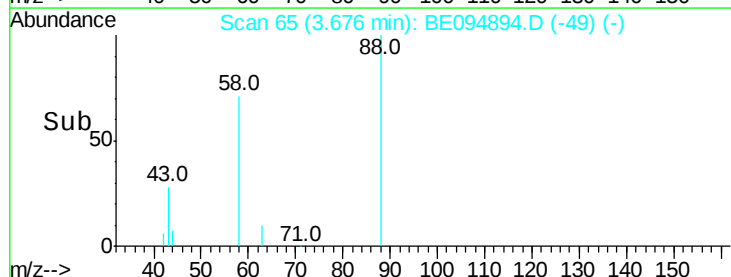
43 36.6 41.2 61.8#

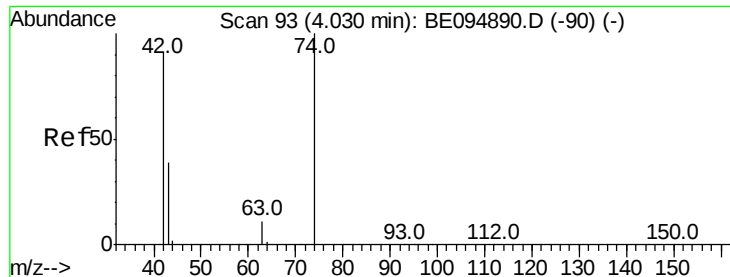


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



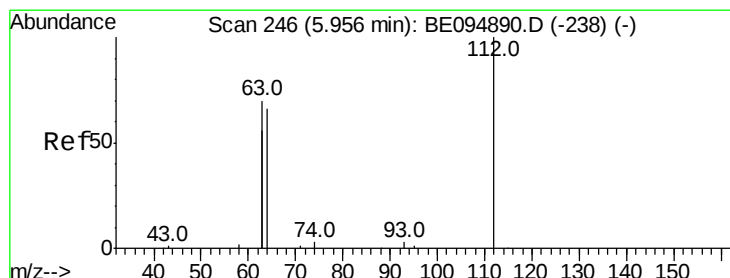
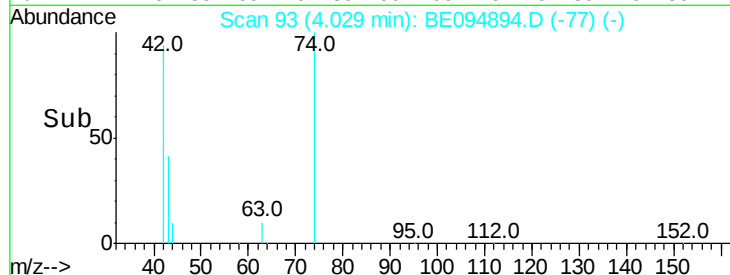
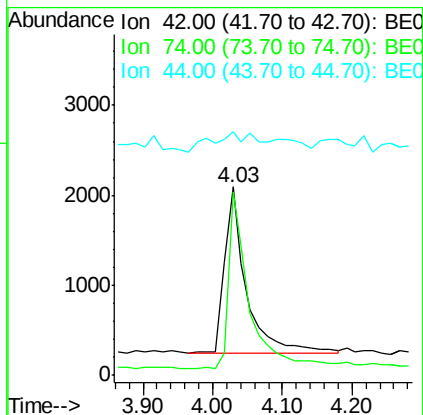
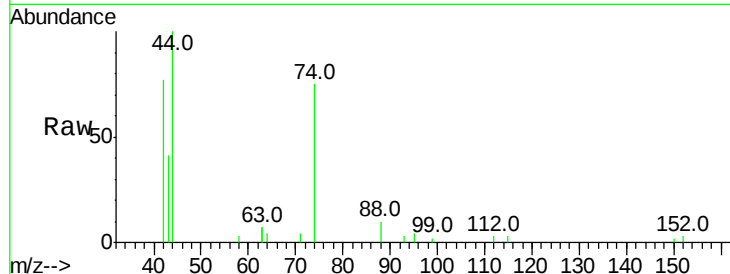


#3

n-Nitrosodimethylamine
 Concen: 0.372 ng
 RT: 4.03 min Scan# 93
 Delta R.T. -0.00 min
 Lab File: BE094894.D
 Acq: 30 Nov 2017 16:12

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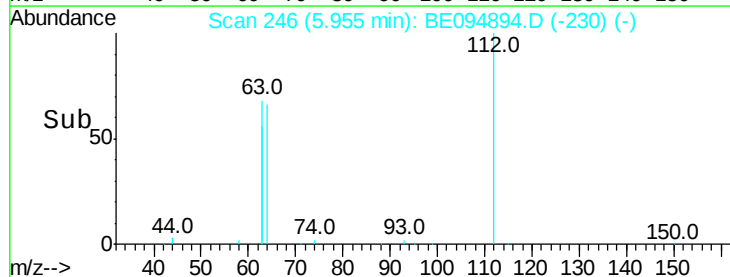
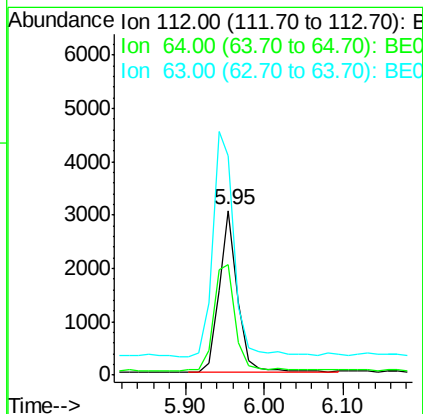
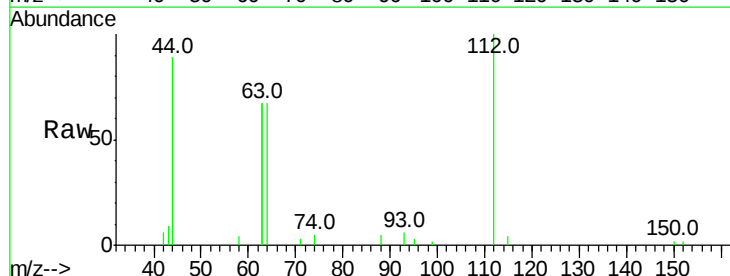
Tot Ion: 42 Resp: 4073
 Ion Ratio Lower Upper
 42 100
 74 101.7 100.3 150.5
 44 17.9 17.0 25.4

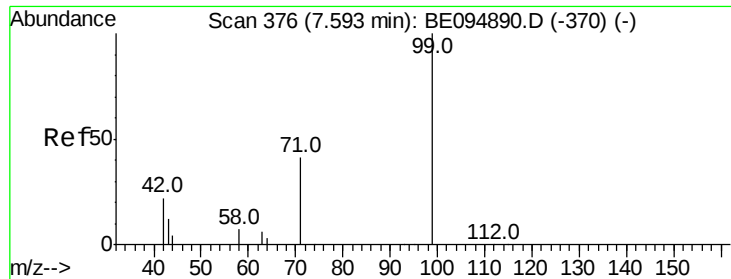


#4

2-Fluorophenol
 Concen: 0.375 ng
 RT: 5.95 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: BE094894.D
 Acq: 30 Nov 2017 16:12

Tgt Ion: 112 Resp: 4874
 Ion Ratio Lower Upper
 112 100
 64 81.6 60.1 90.1
 63 164.4 116.8 175.2





#5

Phenol-d6

Concen: 0.378 ng

RT: 7.59 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

Instrument :

BNA_E

ClientSampleId :

ICVBE113017

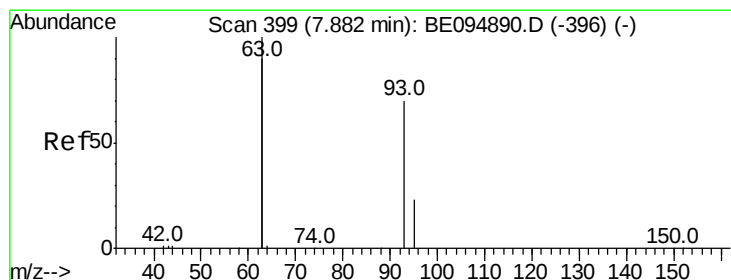
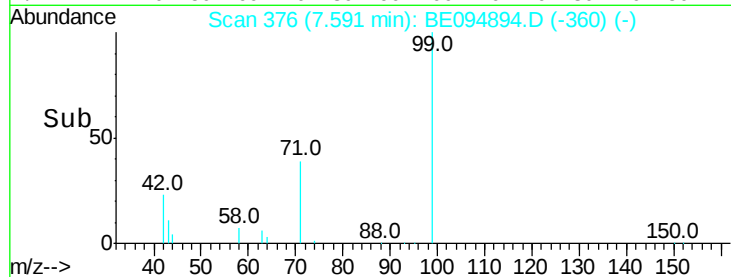
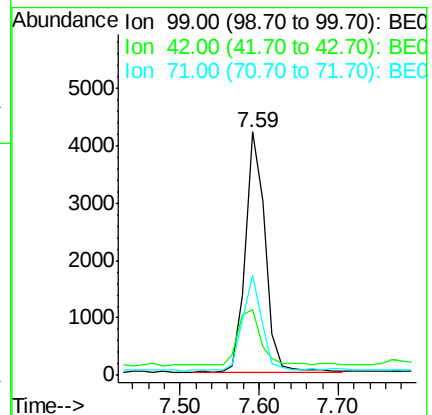
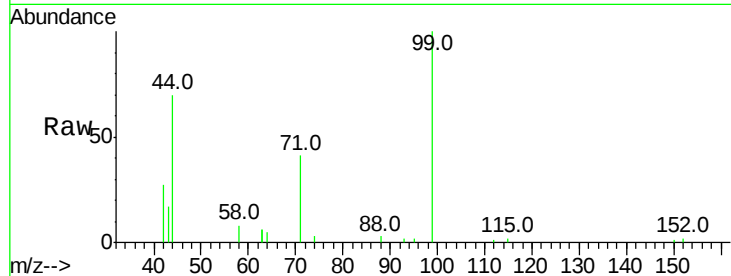
Tot Ion: 99 Resp: 7273

Ion Ratio Lower Upper

99 100

42 27.4 20.2 30.2

71 38.6 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.391 ng

RT: 7.88 min Scan# 399

Delta R.T. -0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

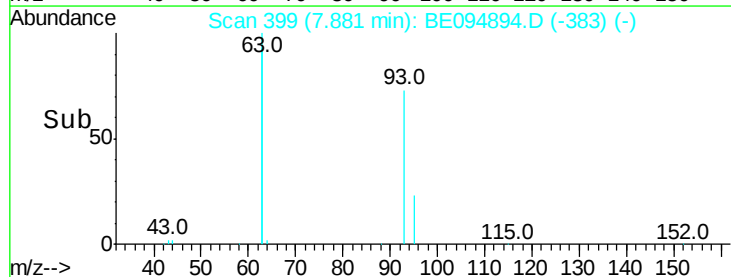
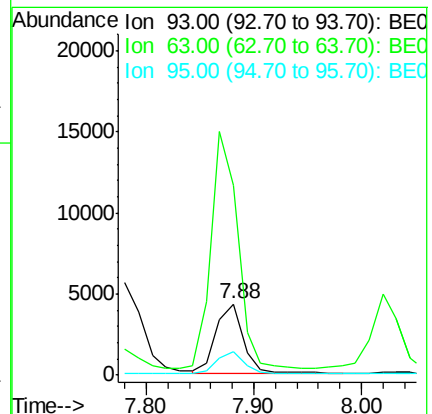
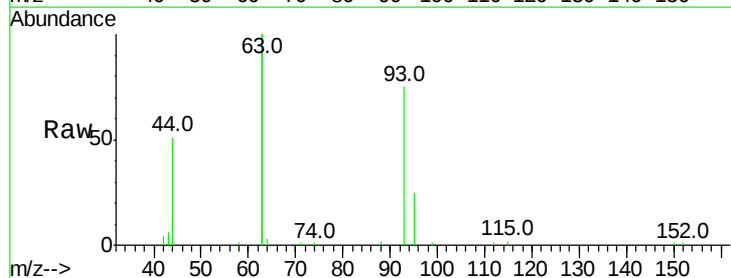
Tgt Ion: 93 Resp: 7465

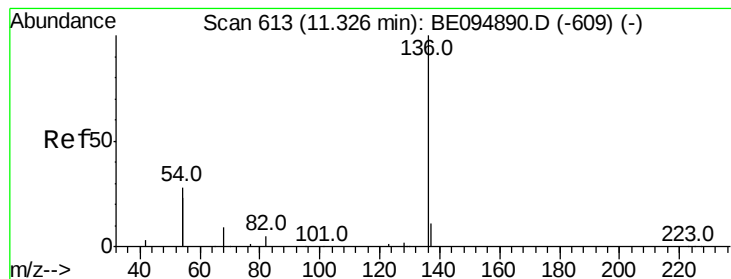
Ion Ratio Lower Upper

93 100

63 335.7 275.3 412.9

95 31.7 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

Instrument :

BNA_E

ClientSampleId :

ICVBE113017

Tot Ion:136 Resp: 17261

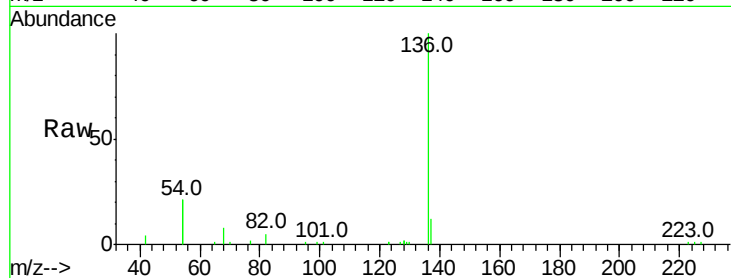
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 42.7 29.1 43.7

68 8.2 6.2 9.2

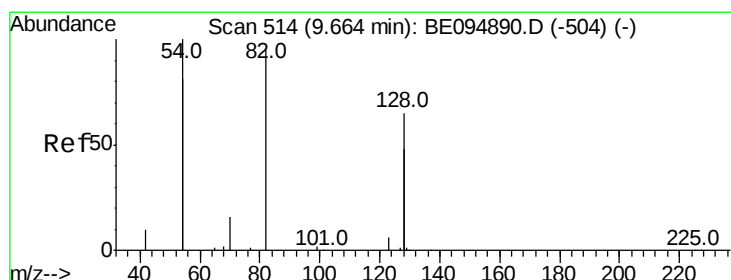
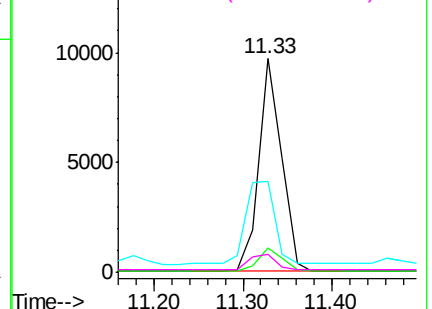
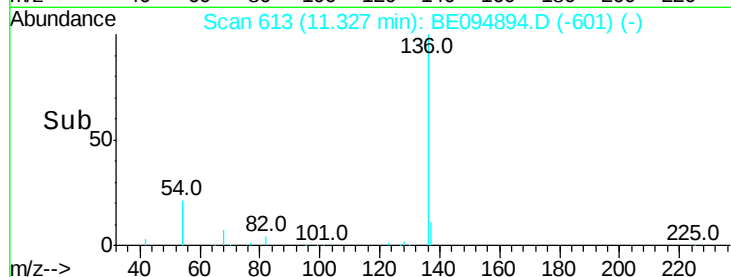


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.383 ng

RT: 9.67 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

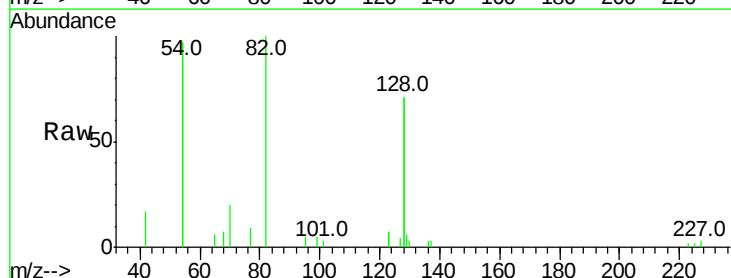
Tgt Ion: 82 Resp: 3909

Ion Ratio Lower Upper

82 100

128 142.3 150.0 225.0#

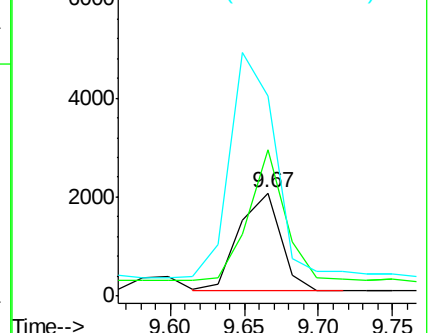
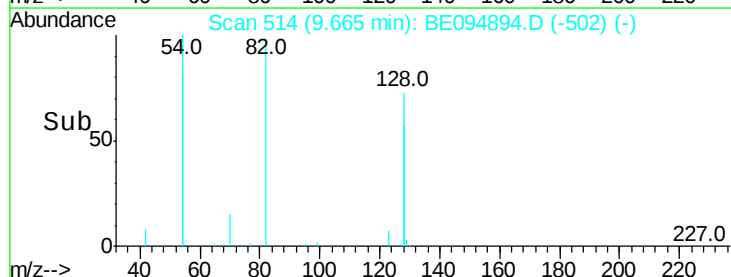
54 194.8 154.2 231.4

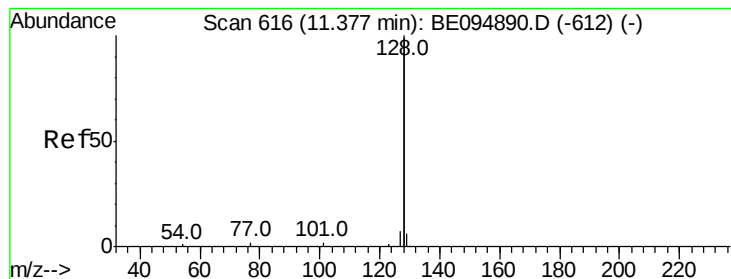


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.399 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

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BNA_E

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ICVBE113017

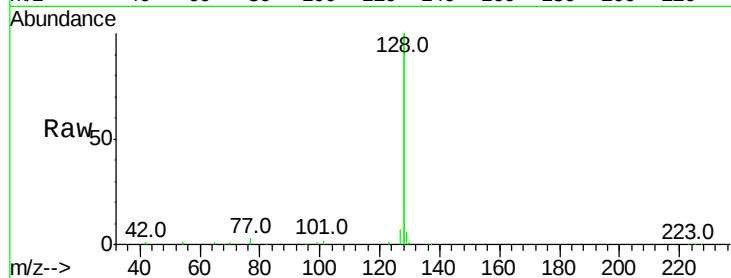
Tot Ion:128 Resp: 80733

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

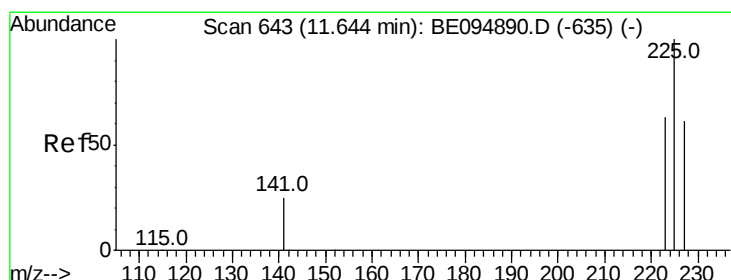
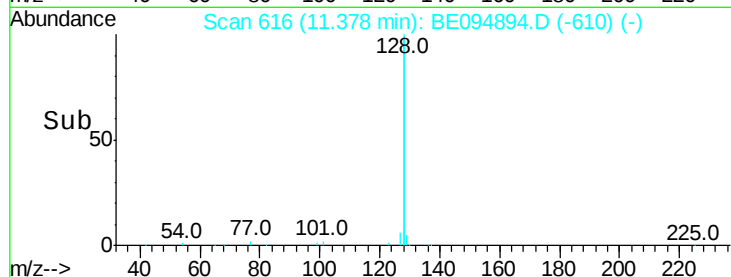
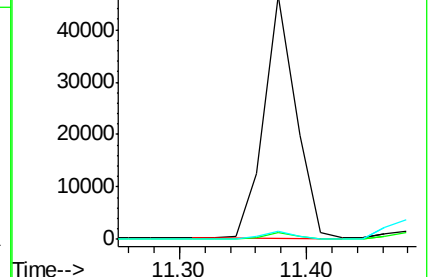
127 3.4 2.8 4.2



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: 0.405 ng

RT: 11.64 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

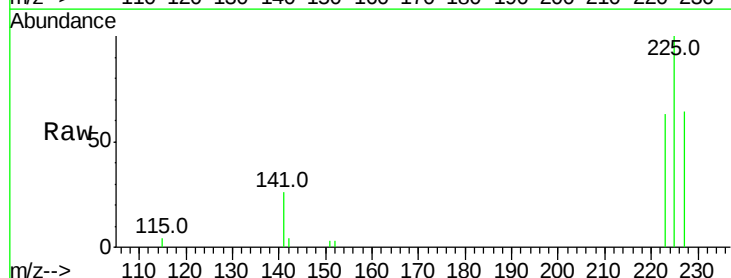
Tgt Ion:225 Resp: 3455

Ion Ratio Lower Upper

225 100

223 64.8 53.0 79.6

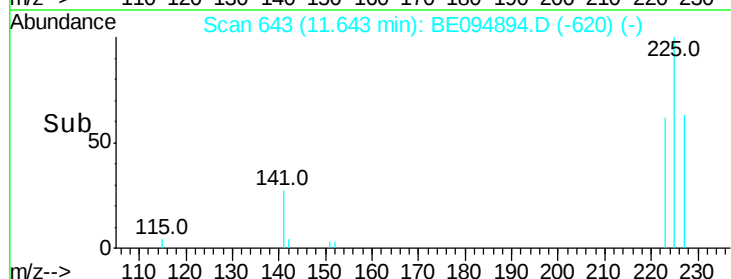
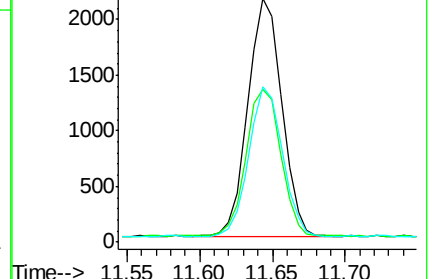
227 62.5 51.4 77.2

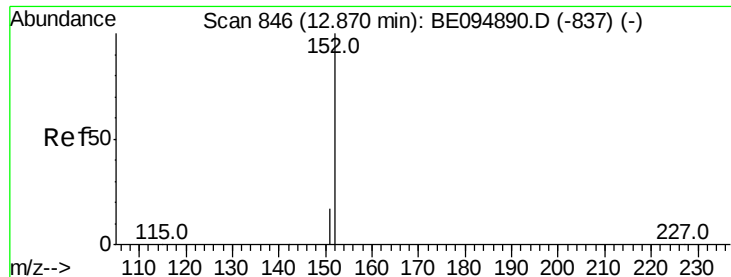


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

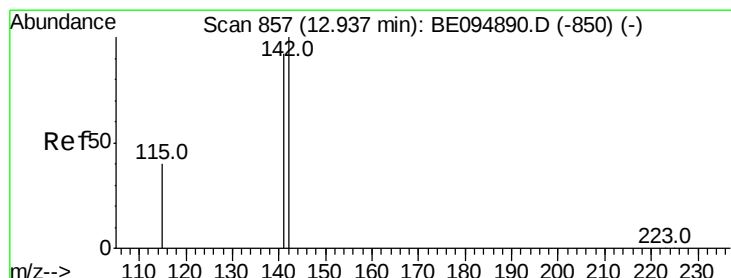
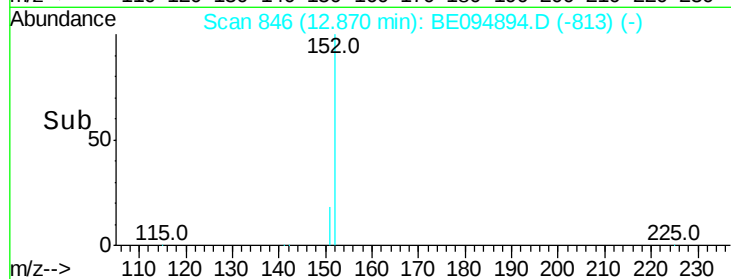
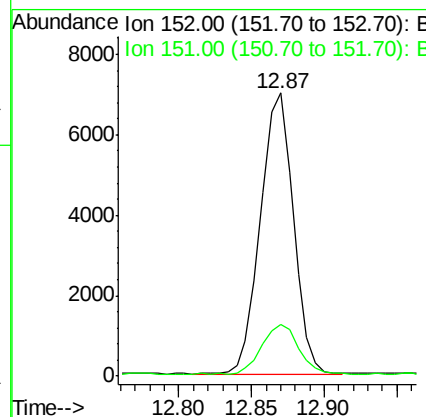
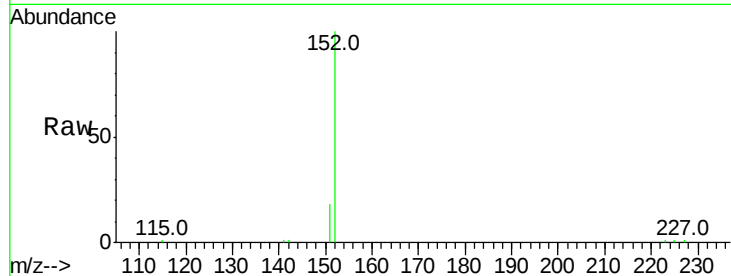




#11
 2-Methylnaphthalene-d10
 Concen: 0.396 ng
 RT: 12.87 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BE094894.D
 Acq: 30 Nov 2017 16:12

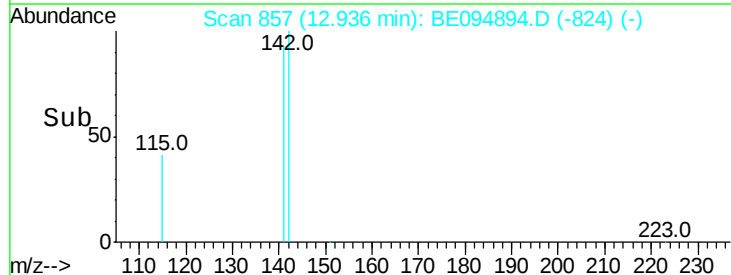
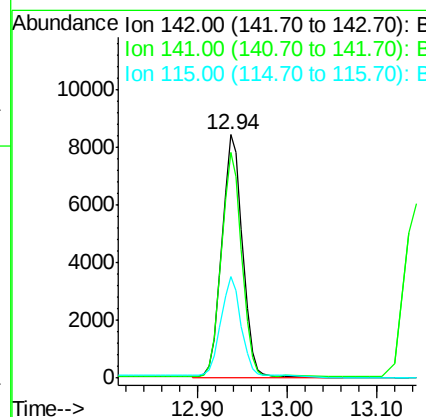
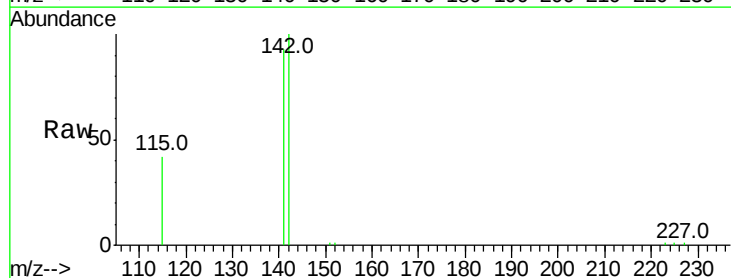
Instrument :
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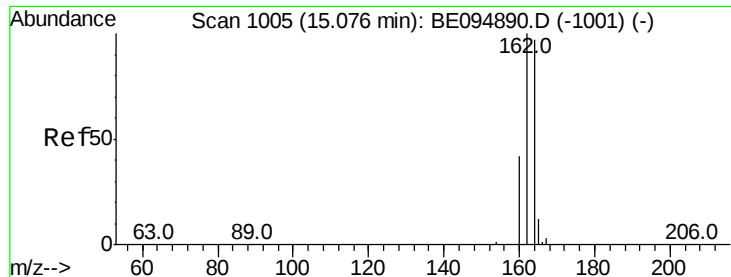
Tot Ion:152 Resp: 10905
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.392 ng
 RT: 12.94 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BE094894.D
 Acq: 30 Nov 2017 16:12

Tgt Ion:142 Resp: 19710
 Ion Ratio Lower Upper
 142 100
 141 92.9 70.4 105.6
 115 41.6 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

Instrument :

BNA_E

ClientSampleId :

ICVBE113017

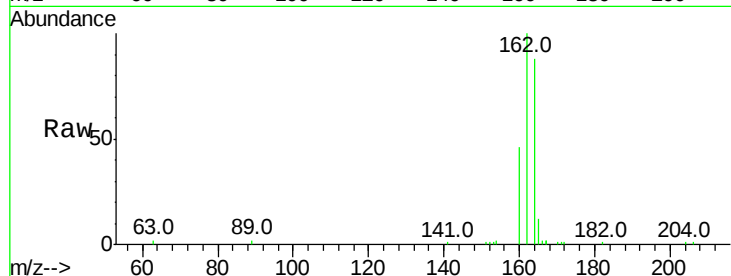
Tot Ion:164 Resp: 9405

Ion Ratio Lower Upper

164 100

162 113.6 83.1 124.7

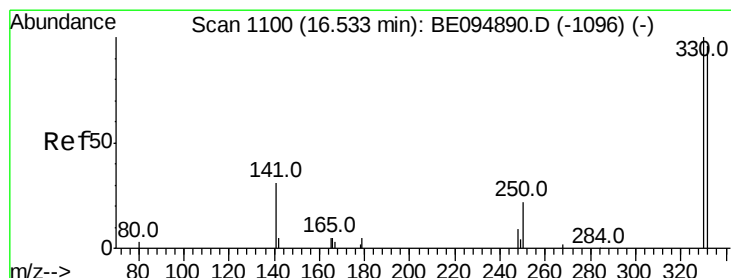
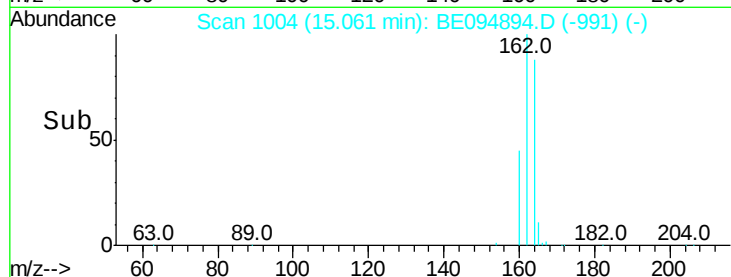
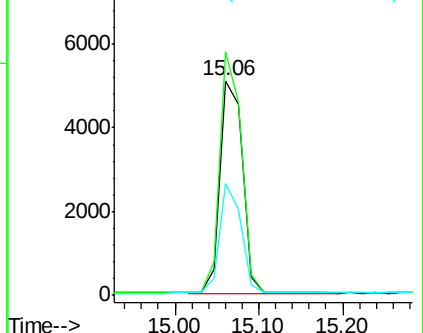
160 51.9 37.1 55.7



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: 0.406 ng

RT: 16.53 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

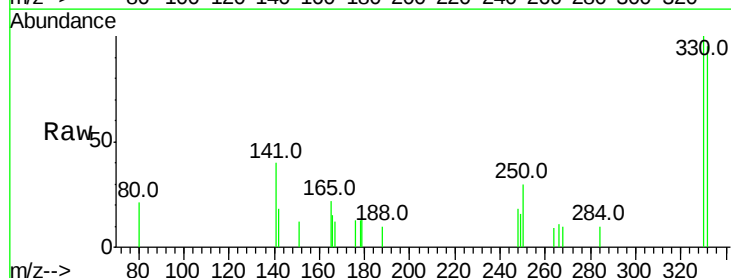
Tgt Ion:330 Resp: 765

Ion Ratio Lower Upper

330 100

332 104.4 152.7 229.1#

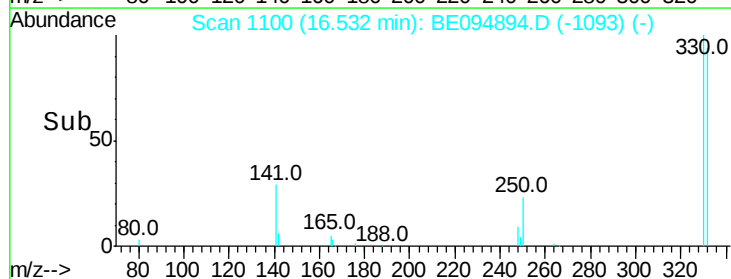
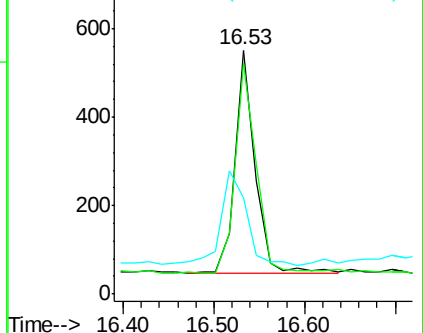
141 56.7 33.7 50.5#

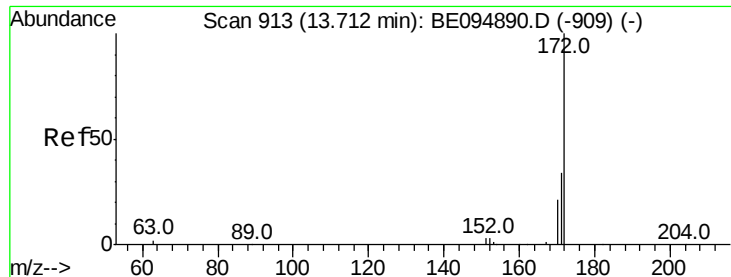


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

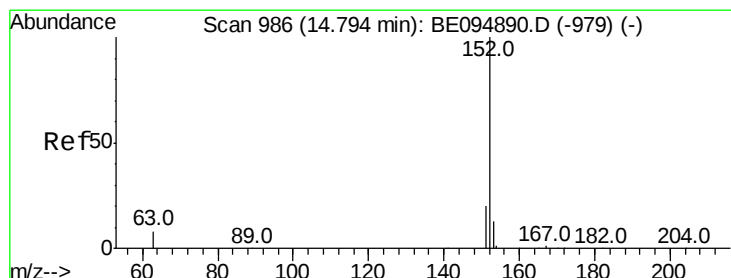
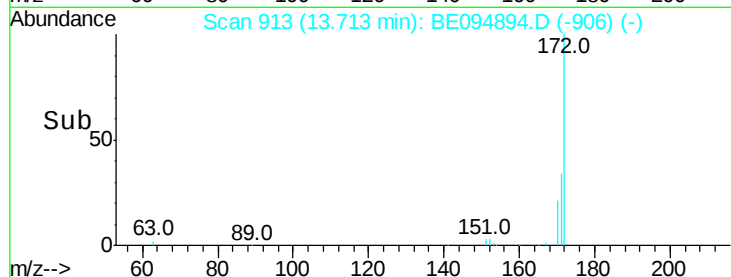
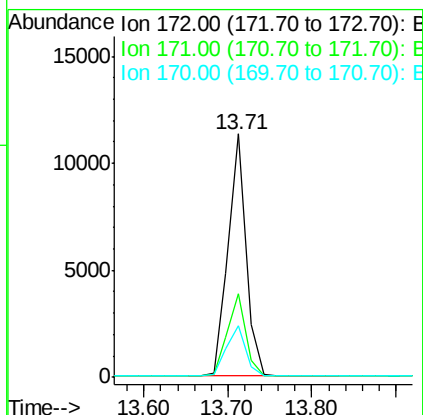
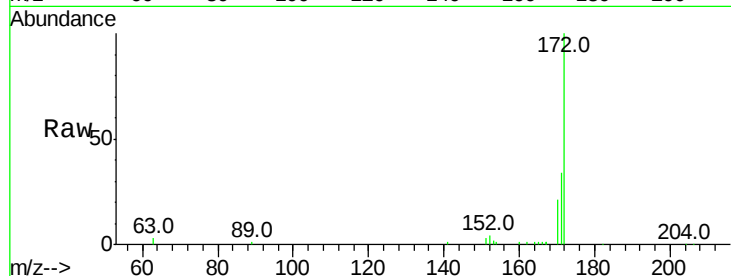




#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094894.D
Acq: 30 Nov 2017 16:12

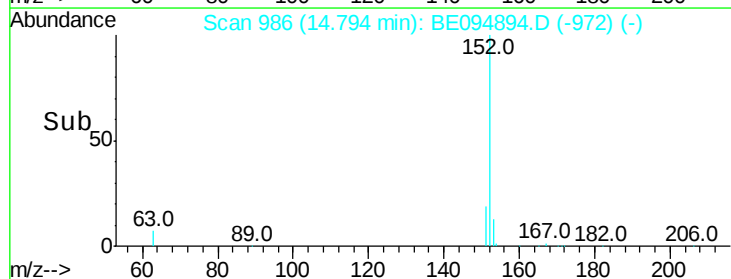
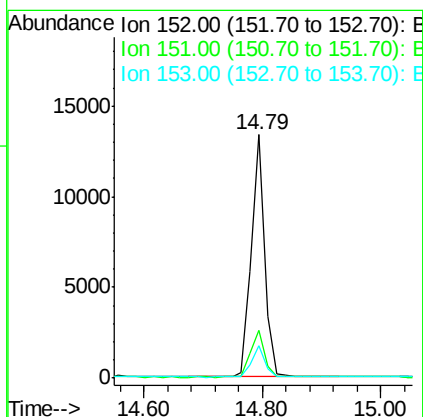
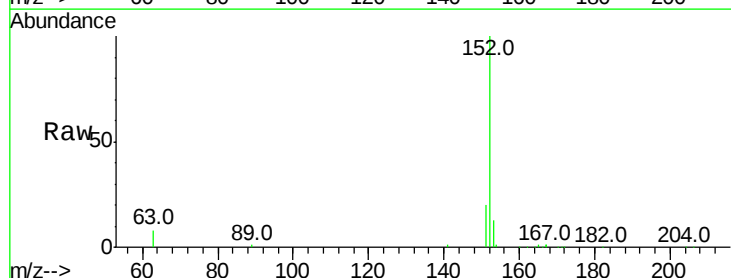
Instrument :
BNA_E
ClientSampleId :
ICVBE113017

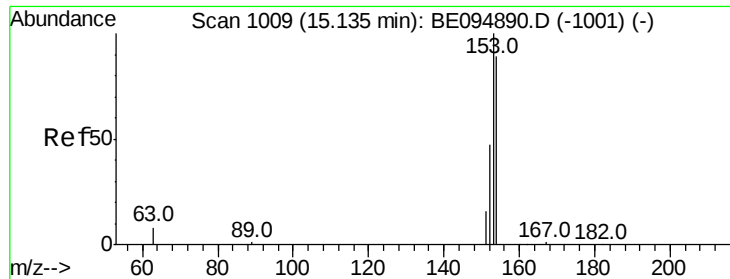
Tot Ion:172 Resp: 16724
Ion Ratio Lower Upper
172 100
171 34.5 29.9 44.9
170 21.2 21.8 32.8#



#16
Acenaphthylene
Concen: 0.390 ng
RT: 14.79 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE094894.D
Acq: 30 Nov 2017 16:12

Tgt Ion:152 Resp: 20723
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 12.7 10.5 15.7





#17

Acenaphthene

Concen: 0.397 ng

RT: 15.13 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

Instrument :

BNA_E

ClientSampleId :

ICVBE113017

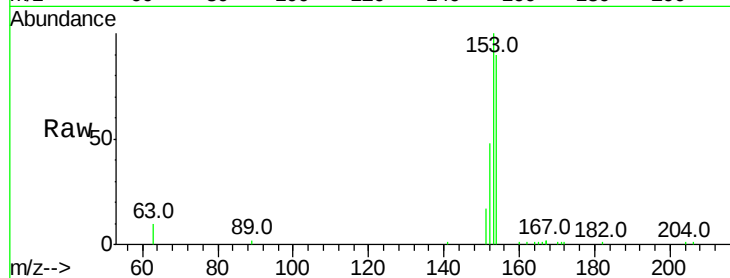
Tot Ion:154 Resp: 13644

Ion Ratio Lower Upper

154 100

153 116.0 89.2 133.8

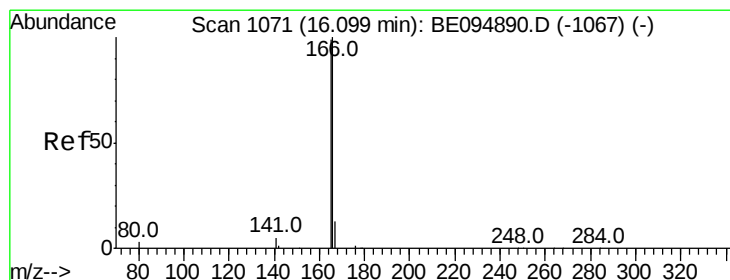
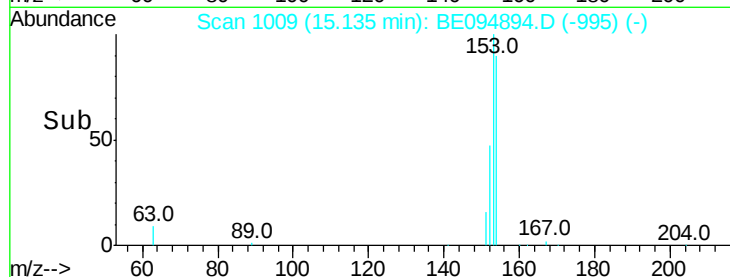
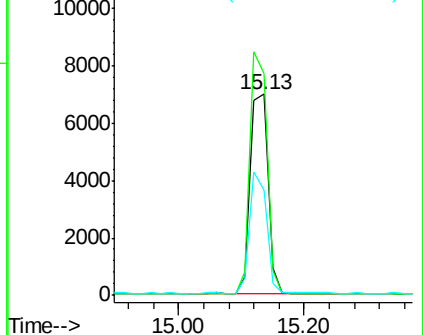
152 57.4 42.0 63.0



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: 0.400 ng

RT: 16.10 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

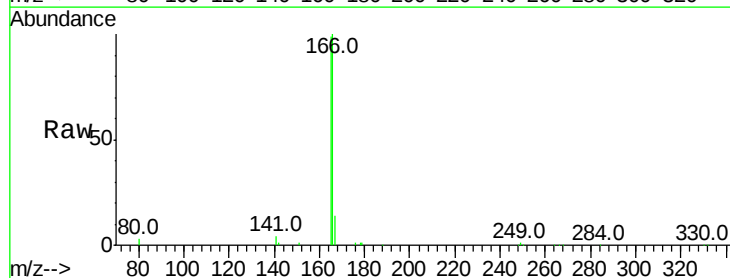
Tgt Ion:166 Resp: 17474

Ion Ratio Lower Upper

166 100

165 101.1 77.8 116.6

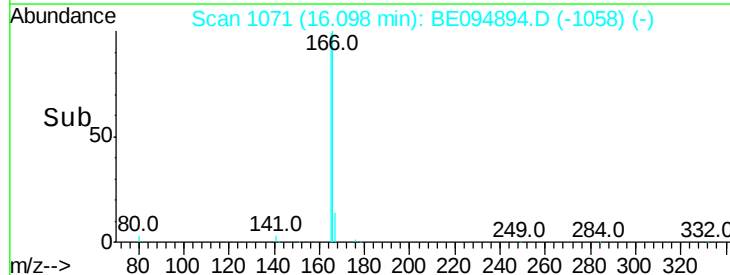
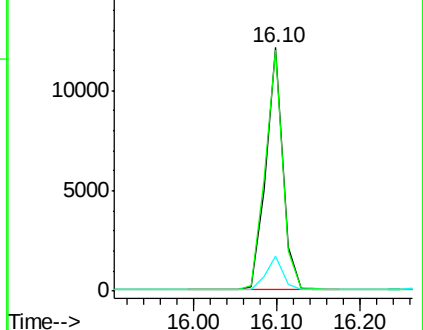
167 14.0 42.4 63.6#

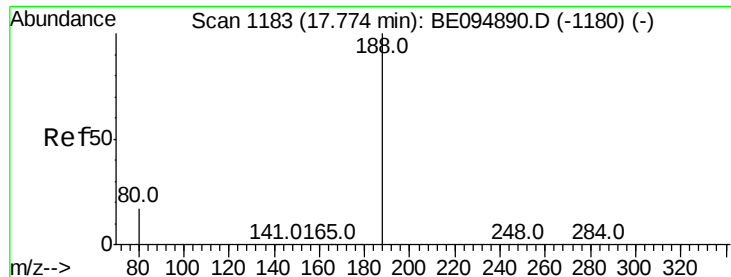


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE094894.D

Acq: 30 Nov 2017 16:12

Instrument :

BNA_E

ClientSampleId :

ICVBE113017

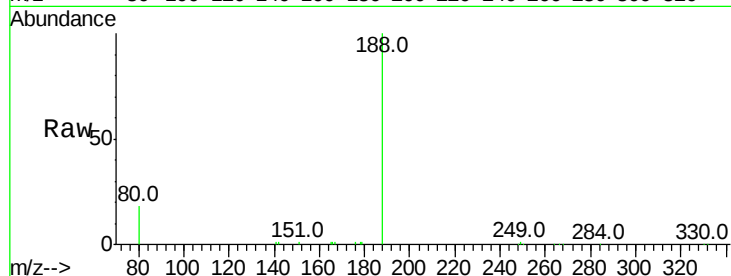
Tot Ion:188 Resp: 23659

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

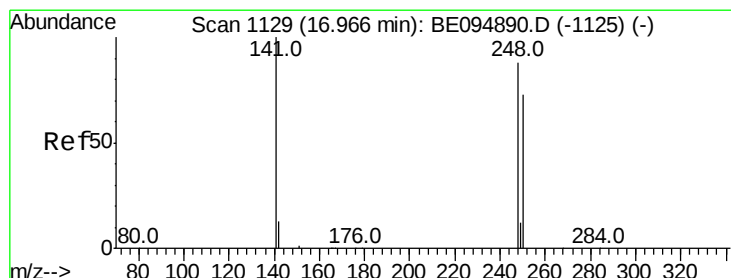
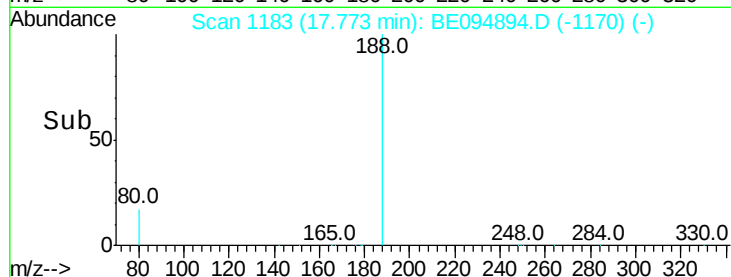
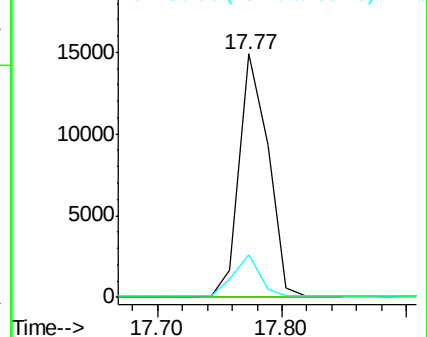
80 17.5 3.6 5.4#



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: 0.407 ng

RT: 16.97 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

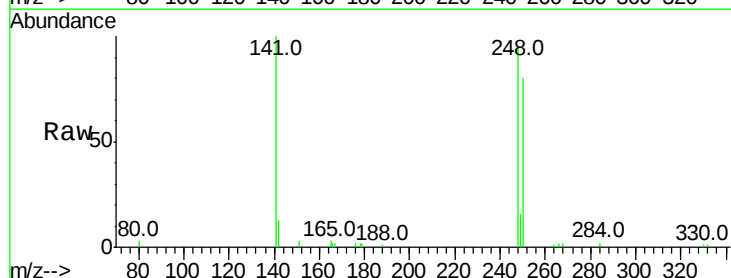
Tgt Ion:248 Resp: 5376

Ion Ratio Lower Upper

248 100

250 84.0 62.7 94.1

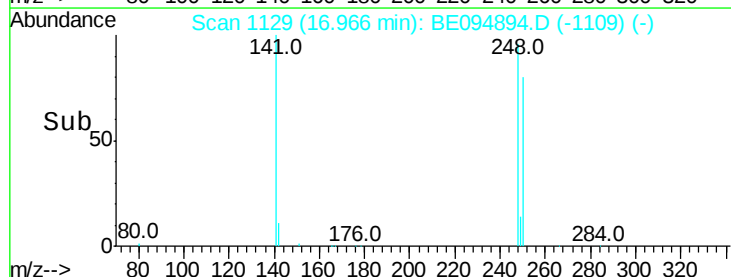
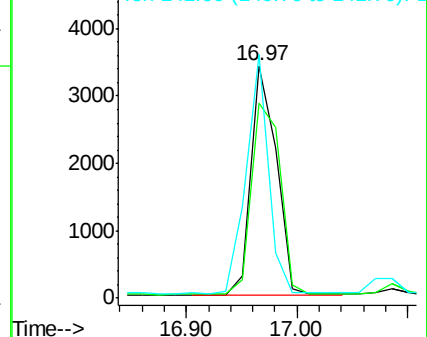
141 104.7 48.2 72.2#

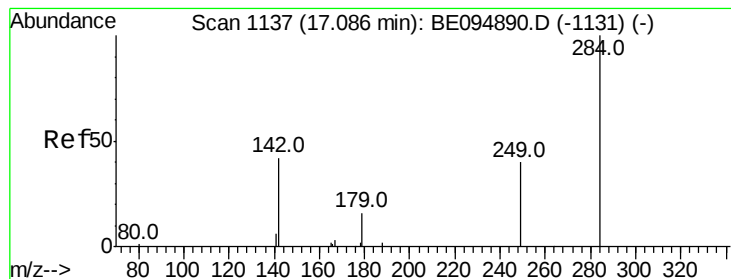


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.413 ng

RT: 17.09 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

Instrument :

BNA_E

ClientSampleId :

ICVBE113017

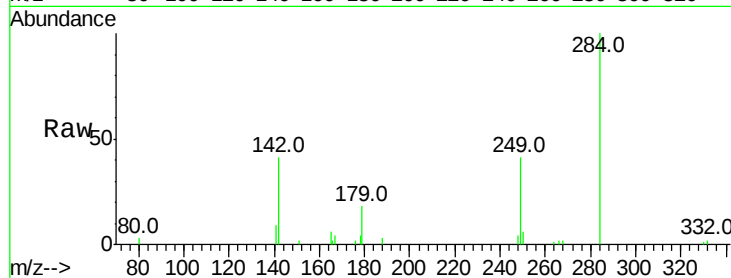
Tot Ion:284 Resp: 5321

Ion Ratio Lower Upper

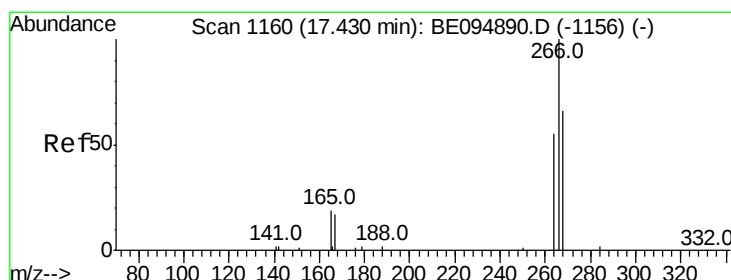
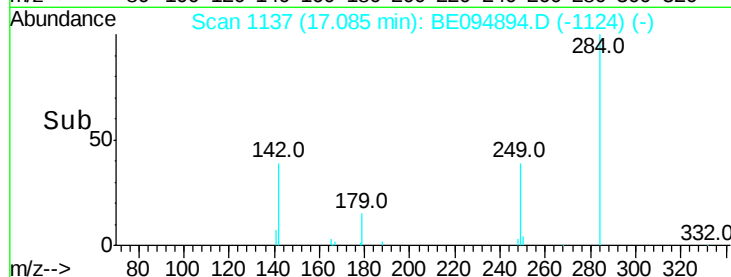
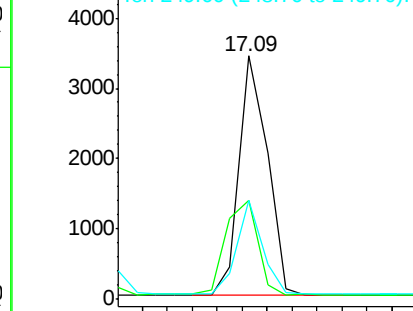
284 100

142 45.4 22.1 33.1#

249 35.3 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: 0.416 ng

RT: 17.43 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

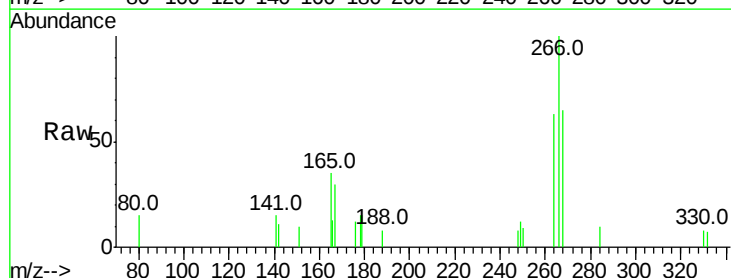
Tgt Ion:266 Resp: 1207

Ion Ratio Lower Upper

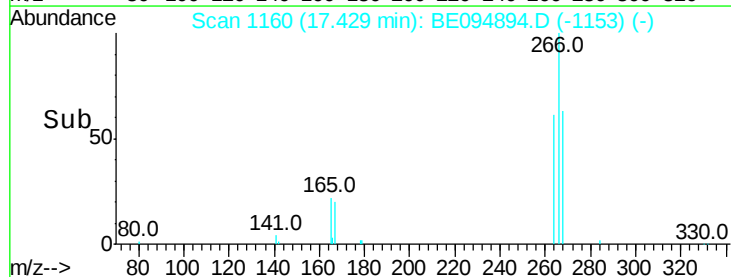
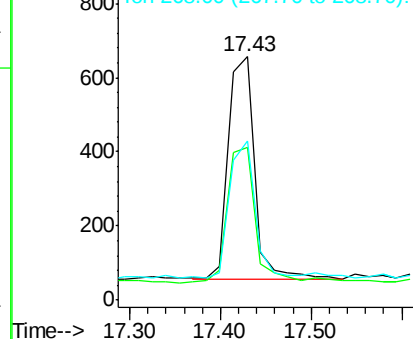
266 100

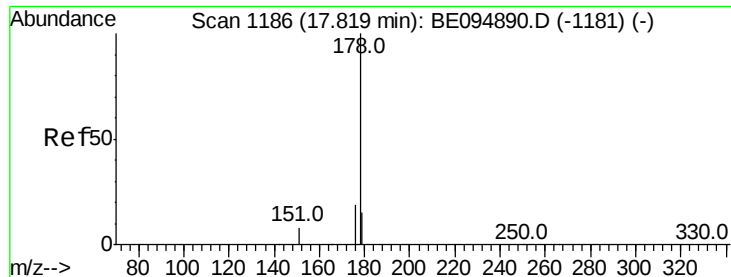
264 62.7 72.5 108.7#

268 65.4 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: 0.397 ng

RT: 17.82 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

Instrument :

BNA_E

ClientSampleId :

ICVBE113017

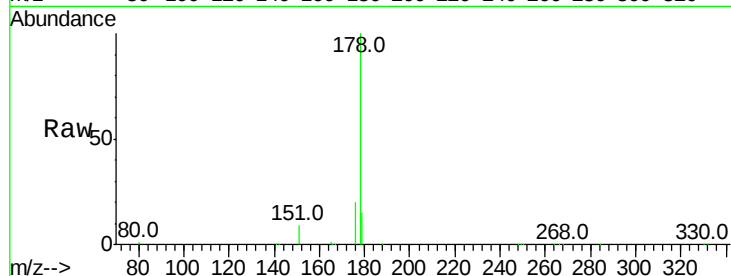
Tot Ion:178 Resp: 29902

Ion Ratio Lower Upper

178 100

176 20.1 15.1 22.7

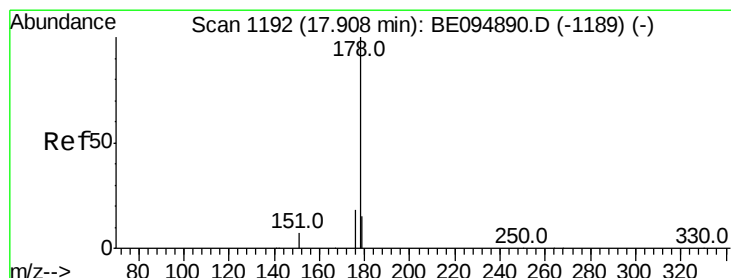
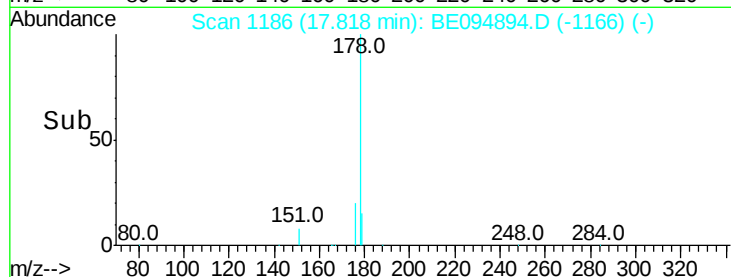
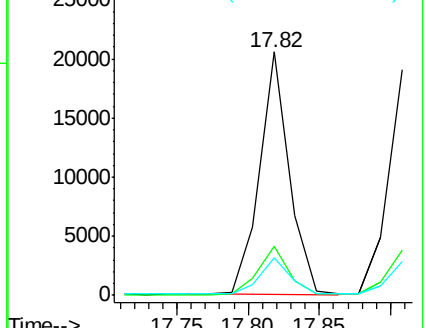
179 15.3 11.8 17.6



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: 0.393 ng

RT: 17.91 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

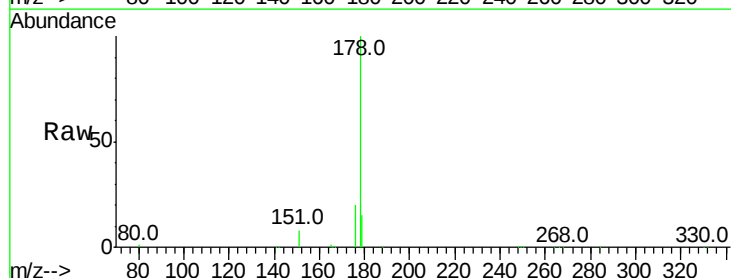
Tgt Ion:178 Resp: 31407

Ion Ratio Lower Upper

178 100

176 21.2 12.8 19.2#

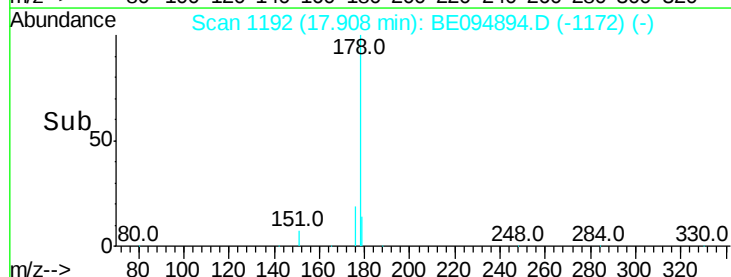
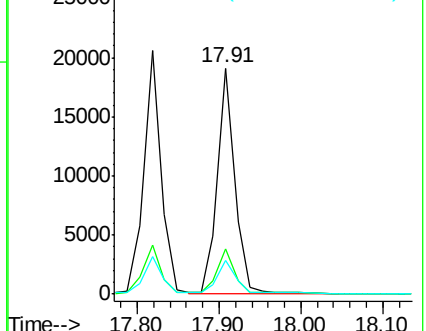
179 17.7 13.0 19.6

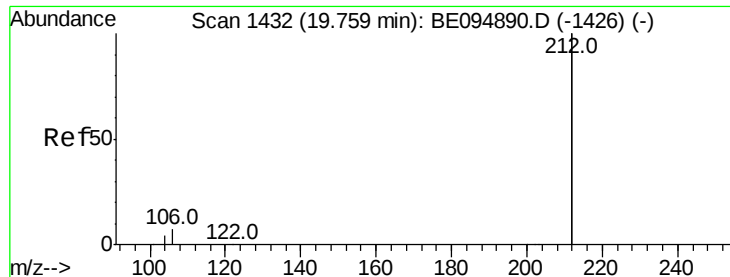


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.401 ng

RT: 19.76 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

Instrument :

BNA_E

ClientSampleId :

ICVBE113017

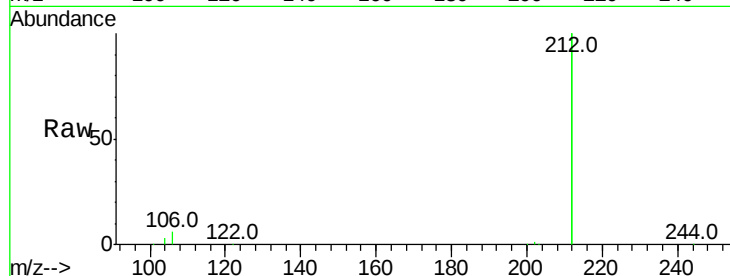
Tot Ion:212 Resp: 129537

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

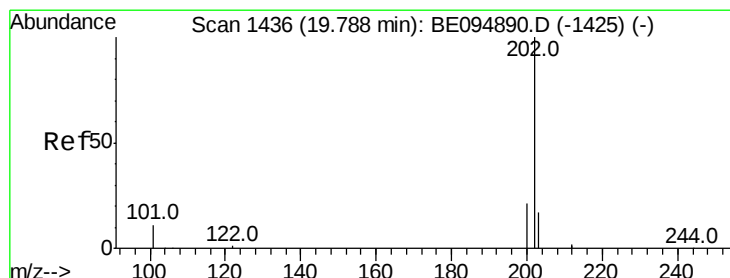
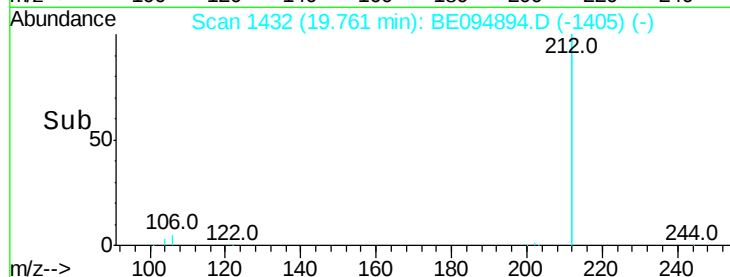
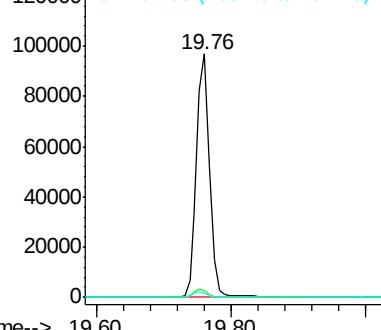
104 2.0 1.6 2.4



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: 0.400 ng

RT: 19.79 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

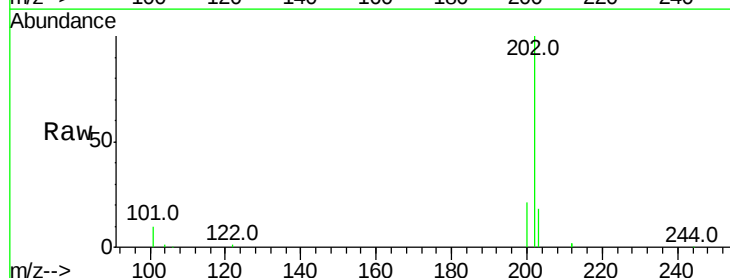
Tgt Ion:202 Resp: 38734

Ion Ratio Lower Upper

202 100

101 12.2 9.8 14.8

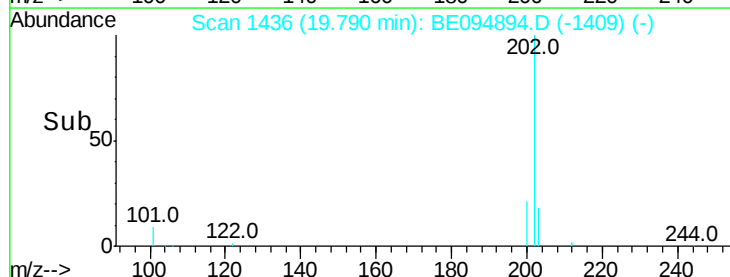
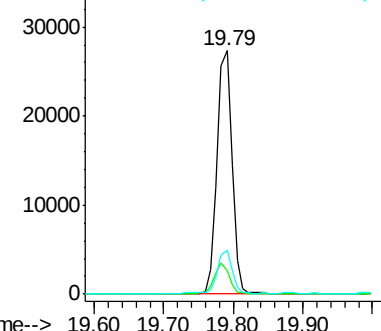
203 17.1 13.7 20.5

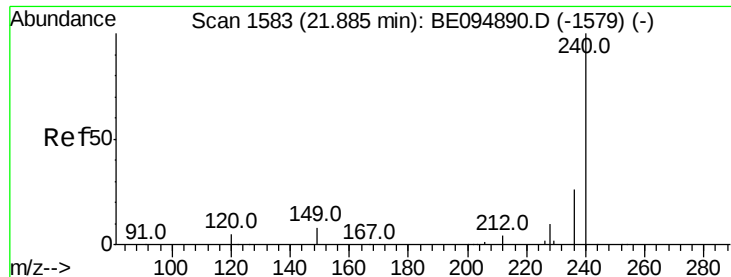


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.88 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

Instrument :

BNA_E

ClientSampleId :

ICVBE113017

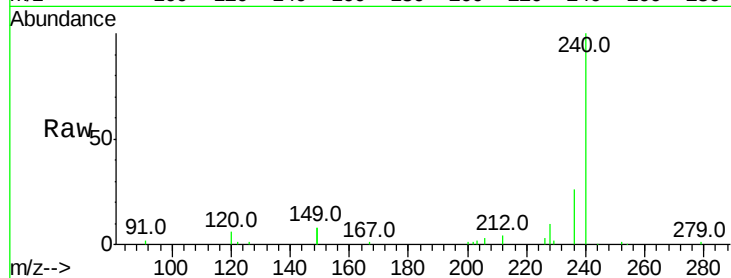
Tot Ion:240 Resp: 29153

Ion Ratio Lower Upper

240 100

120 5.8 5.5 8.3

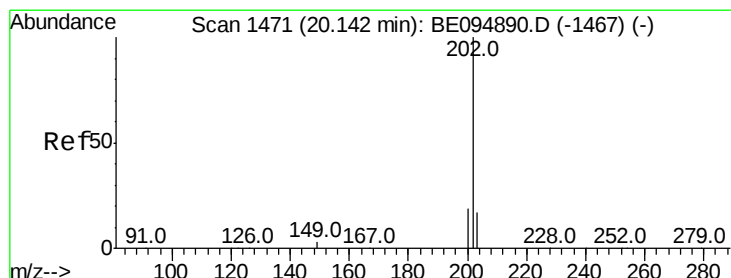
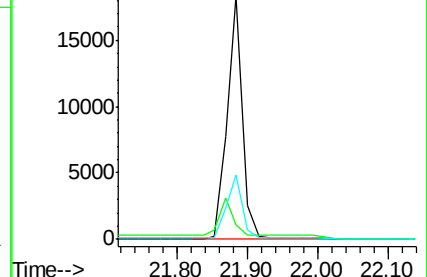
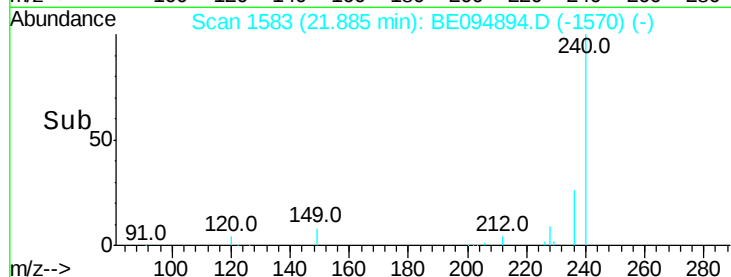
236 26.2 20.7 31.1



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: 0.390 ng

RT: 20.14 min Scan# 1471

Delta R.T. -0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

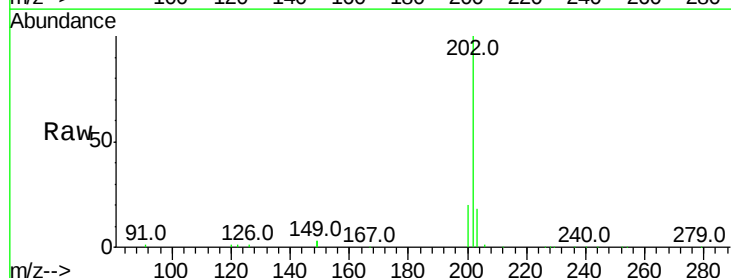
Tgt Ion:202 Resp: 39222

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

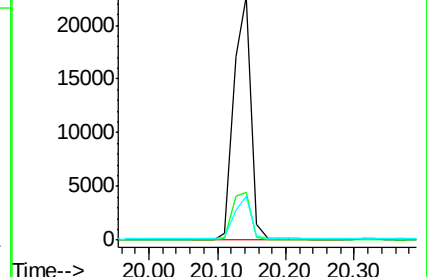
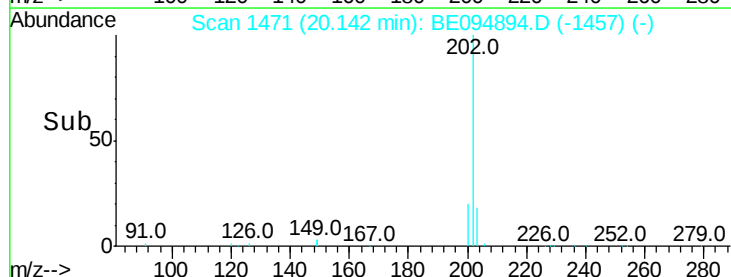
203 17.3 13.8 20.8

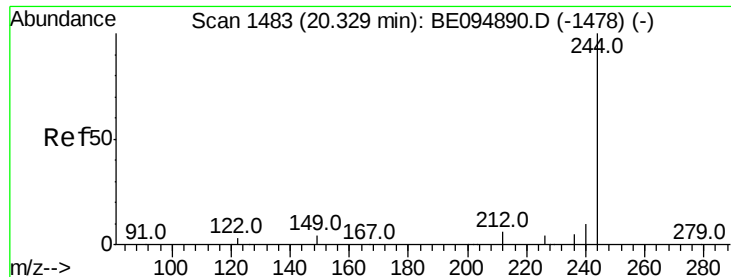


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.403 ng

RT: 20.33 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

Instrument :

BNA_E

ClientSampleId :

ICVBE113017

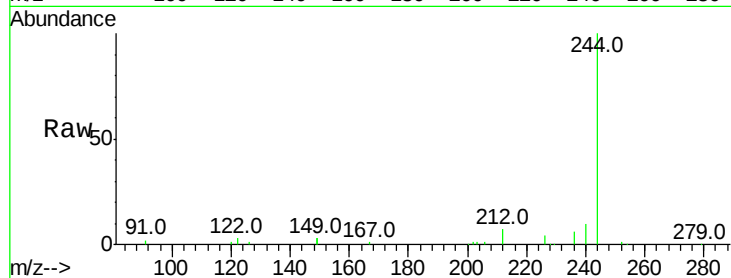
Tot Ion:244 Resp: 21678

Ion Ratio Lower Upper

244 100

212 6.9 25.4 38.0#

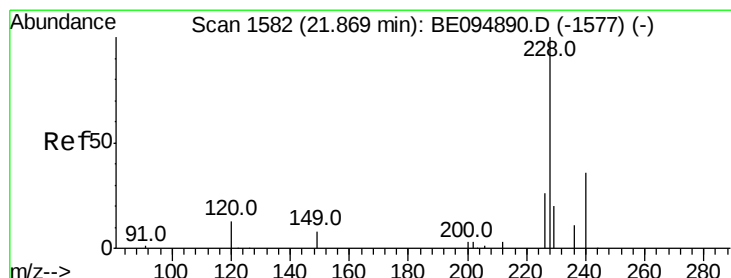
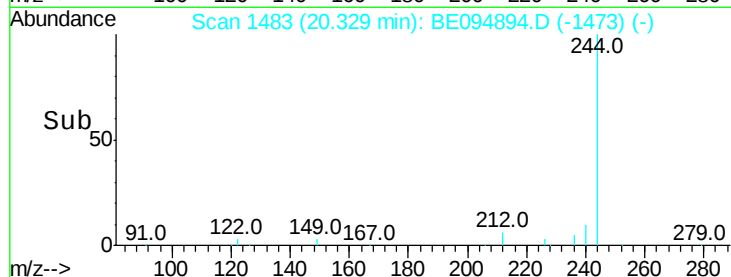
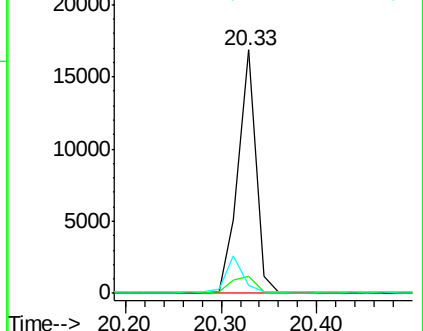
122 3.4 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.385 ng

RT: 21.87 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

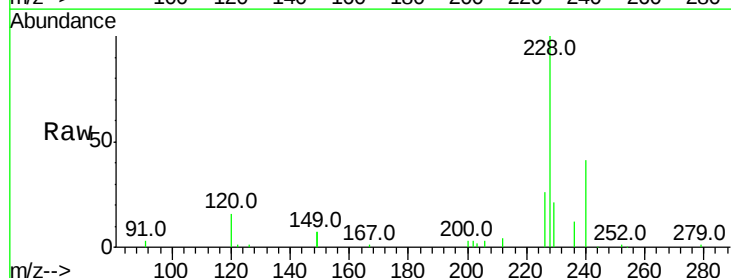
Tgt Ion:228 Resp: 34459

Ion Ratio Lower Upper

228 100

226 25.9 40.0 60.0#

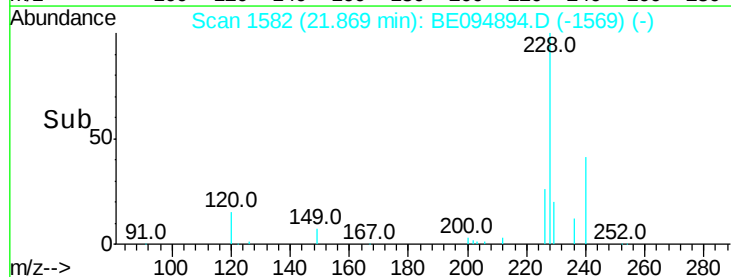
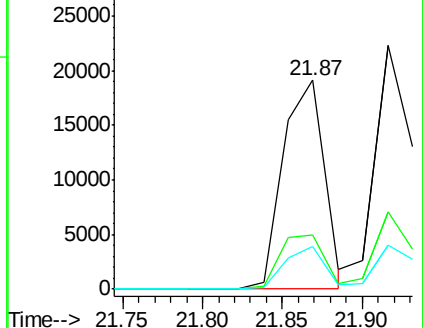
229 20.6 40.0 60.0#

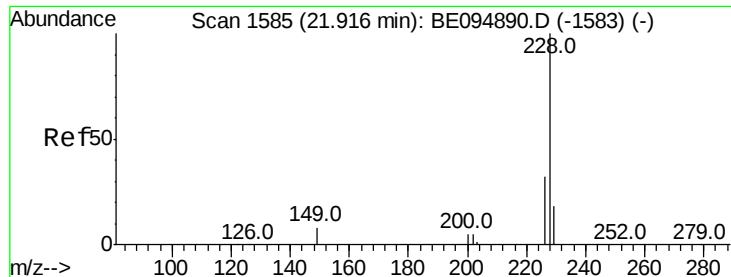


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.401 ng

RT: 21.92 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

Instrument :

BNA_E

ClientSampleId :

ICVBE113017

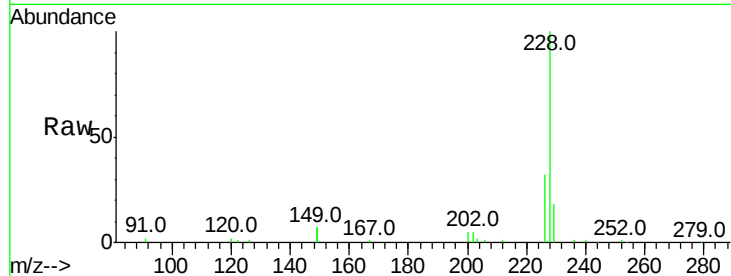
Tot Ion:228 Resp: 39597

Ion Ratio Lower Upper

228 100

226 31.8 40.0 60.0#

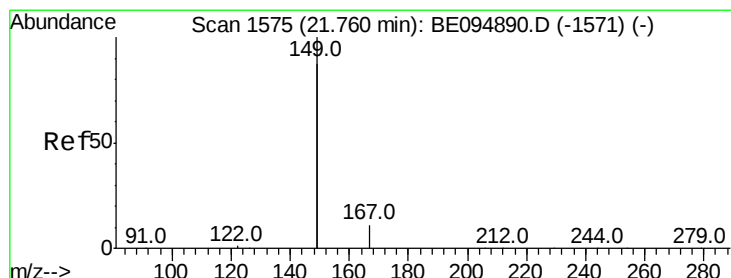
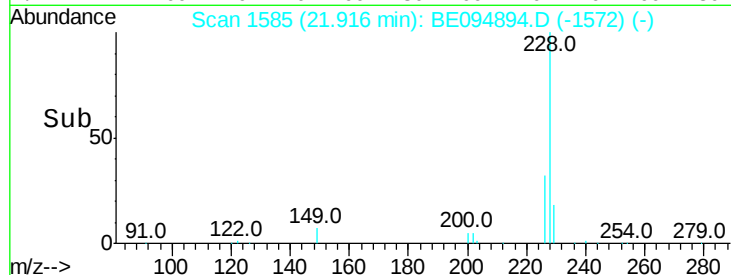
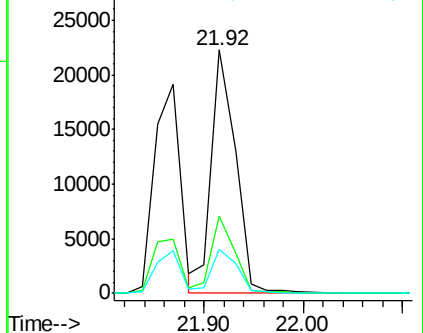
229 18.0 40.0 60.0#



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: 0.326 ng

RT: 21.76 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

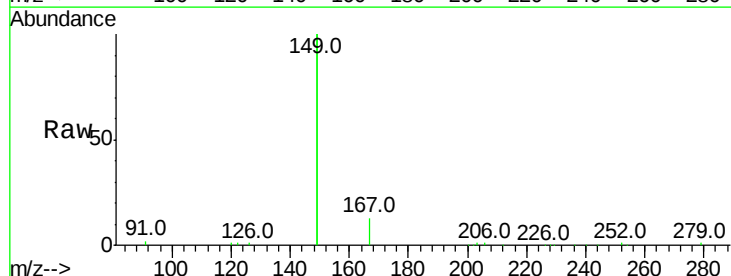
Tgt Ion:149 Resp: 48319

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

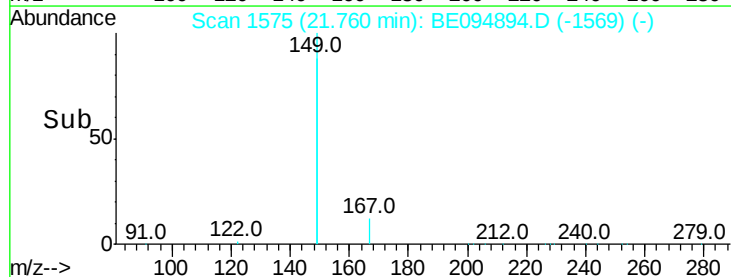
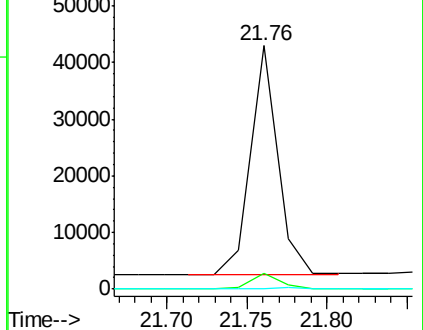
279 0.8 0.7 1.1

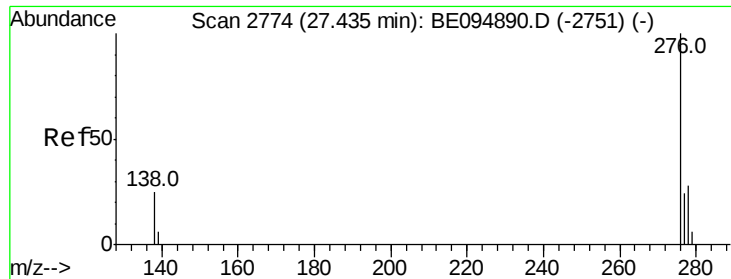


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

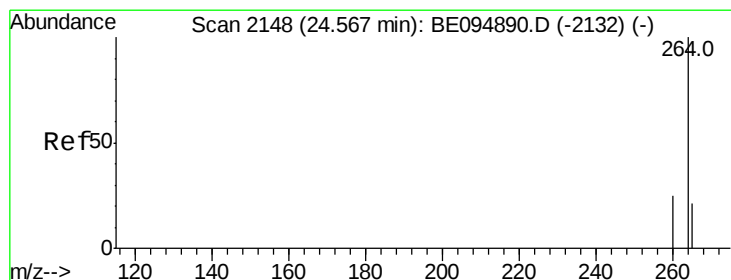
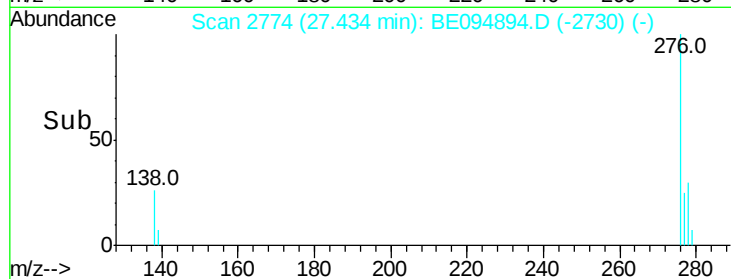
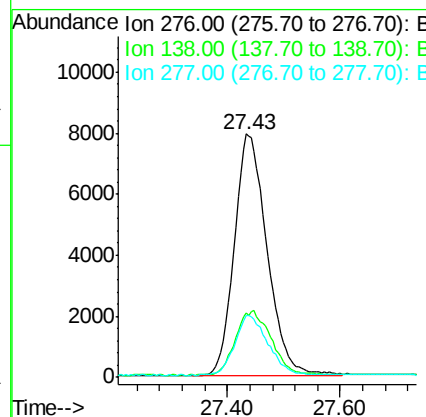
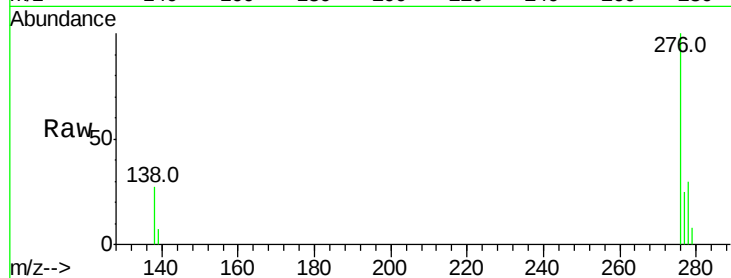




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.386 ng
 RT: 27.43 min Scan# 2774
 Delta R.T. -0.00 min
 Lab File: BE094894.D
 Acq: 30 Nov 2017 16:12

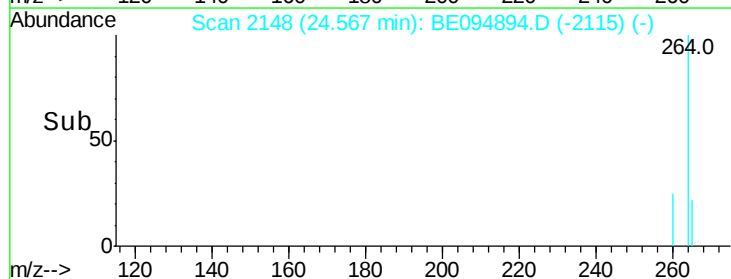
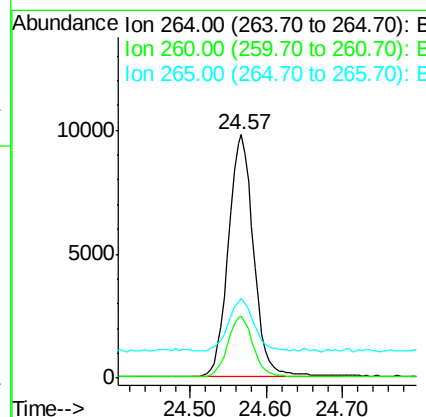
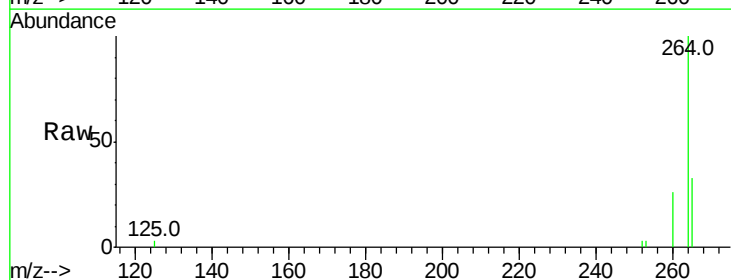
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE113017

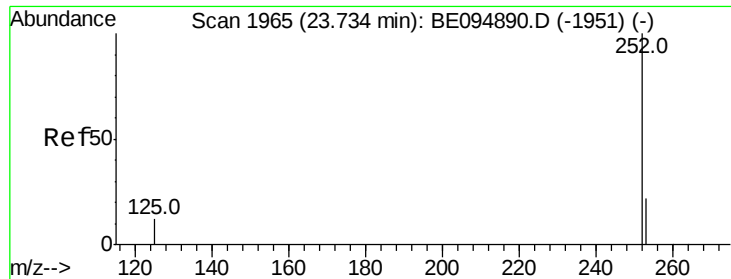
Tot Ion:276 Resp: 31193
 Ion Ratio Lower Upper
 276 100
 138 29.4 22.5 33.7
 277 24.7 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.57 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BE094894.D
 Acq: 30 Nov 2017 16:12

Tgt Ion:264 Resp: 22568
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.5 30.7
 265 32.9 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.401 ng

RT: 23.73 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

Instrument :

BNA_E

ClientSampleId :

ICVBE113017

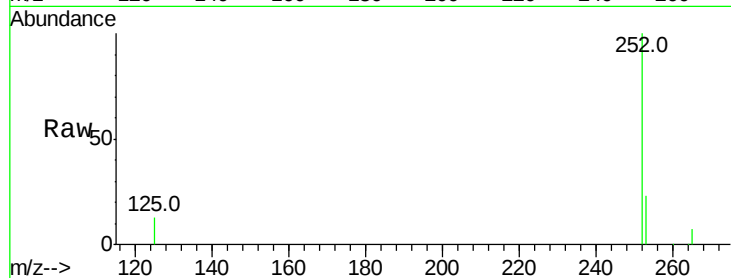
Tot Ion:252 Resp: 33029

Ion Ratio Lower Upper

252 100

253 22.7 48.0 72.0#

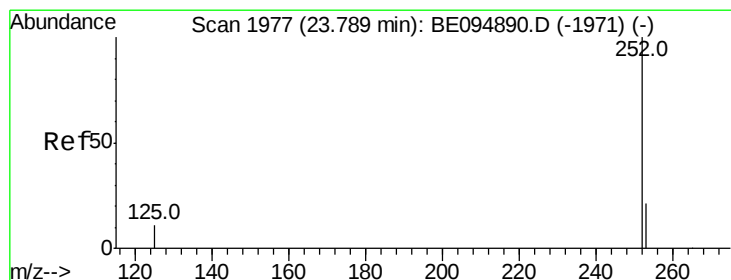
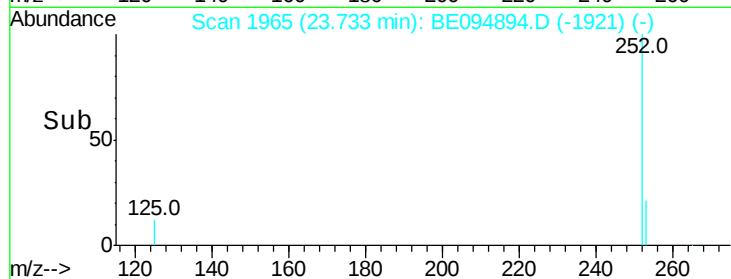
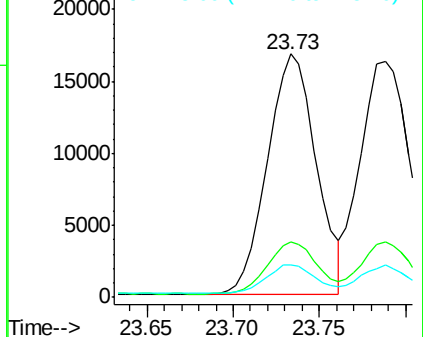
125 13.1 56.0 84.0#



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: 0.397 ng

RT: 23.79 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

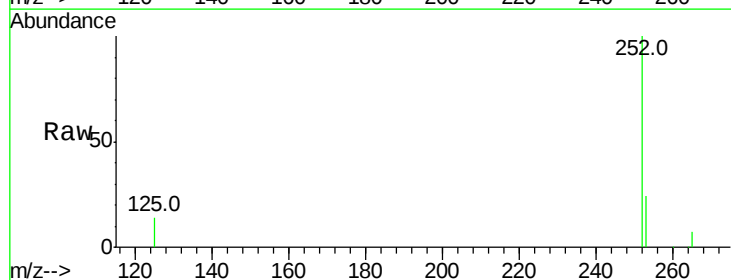
Tgt Ion:252 Resp: 33325

Ion Ratio Lower Upper

252 100

253 23.7 48.0 72.0#

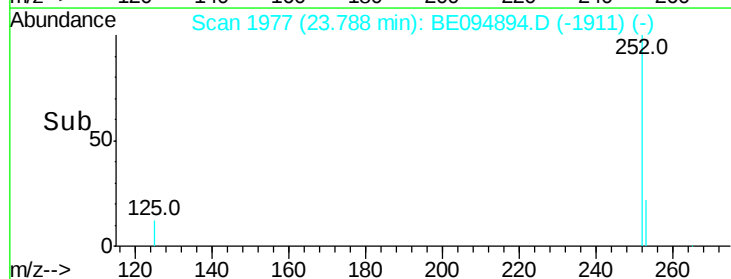
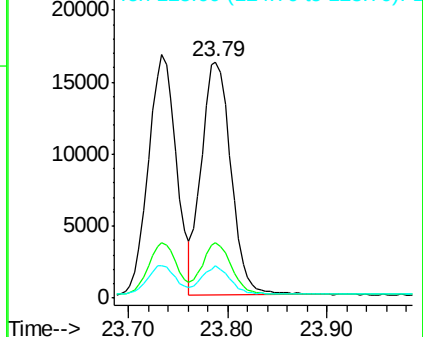
125 13.8 56.0 84.0#

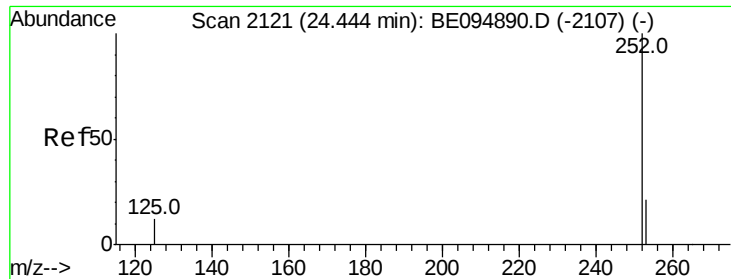


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.391 ng

RT: 24.44 min Scan# 2121

Delta R.T. -0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

Instrument :

BNA_E

ClientSampleId :

ICVBE113017

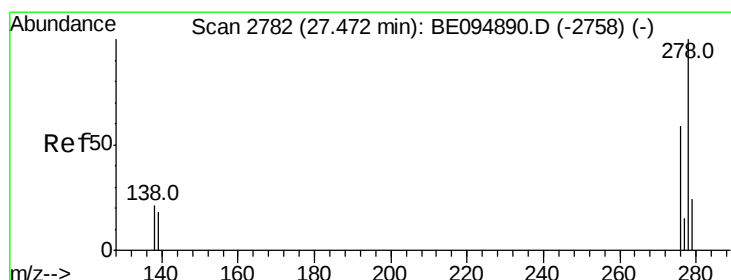
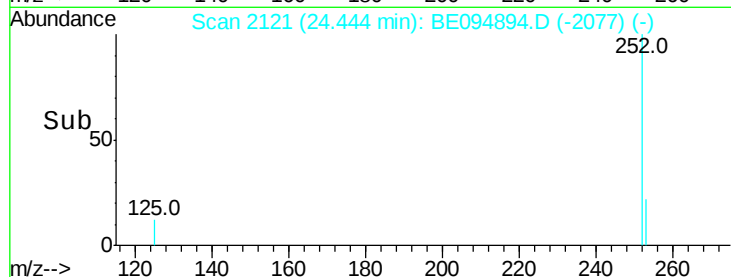
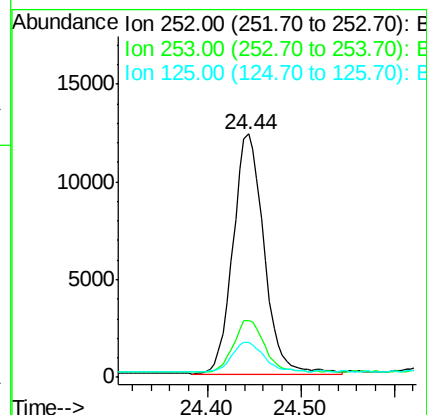
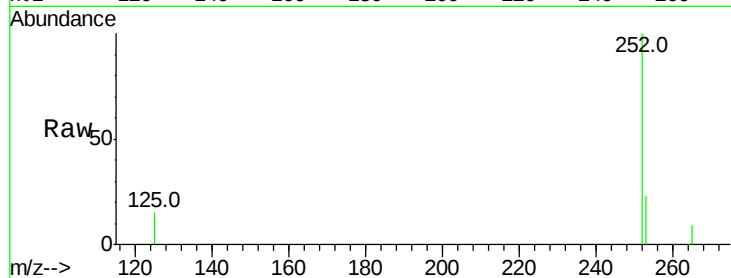
Tot Ion:252 Resp: 28229

Ion Ratio Lower Upper

252 100

253 23.4 52.0 78.0#

125 14.5 68.0 102.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.397 ng

RT: 27.47 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BE094894.D

Acq: 30 Nov 2017 16:12

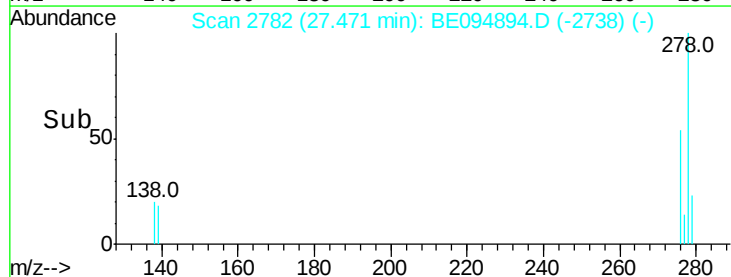
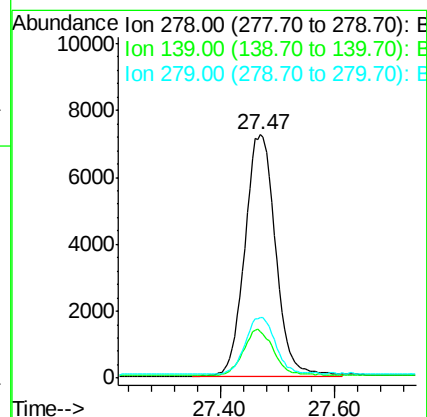
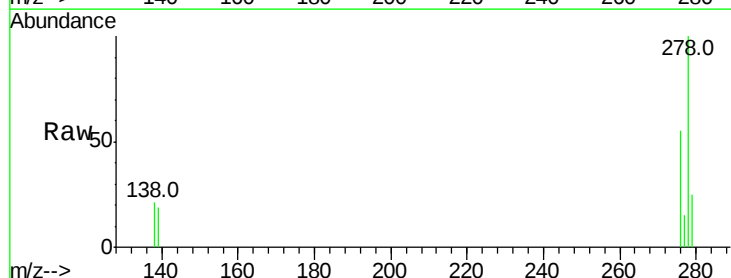
Tgt Ion:278 Resp: 26480

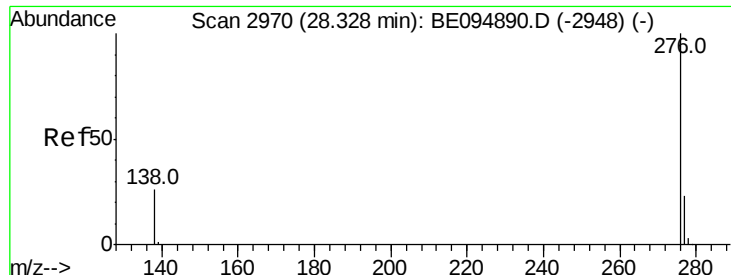
Ion Ratio Lower Upper

278 100

139 19.1 56.0 84.0#

279 25.0 52.0 78.0#





#39

Benzo(a,h,i)perylene

Concen: 0.401 ng

RT: 28.33 min Scan# 2970

Delta R.T. -0.00 min

Lab File: BE094894.D

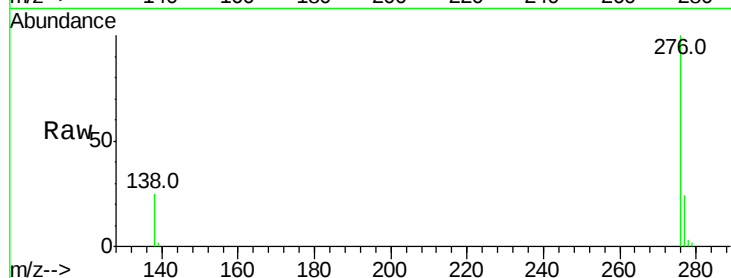
Acq: 30 Nov 2017 16:12

Instrument :

BNA_E

ClientSampleId :

ICVBE113017



Tot Ion:276 Resp: 26699

Ion Ratio Lower Upper

276 100

277 23.7 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

