

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111617\
 Data File : BE094823.D
 Acq On : 15 Nov 2017 20:12
 Operator : SJ/JU
 Sample : SSTDC00.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 16 01:53:51 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	777	0.40	ng	0.01
7) Naphthalene-d8	10.72	136	4401	0.40	ng	0.02
13) Acenaphthene-d10	14.53	164	2817	0.40	ng	0.02
19) Phenanthrene-d10	17.27	188	7305	0.40	ng	0.03
27) Chrysene-d12	21.44	240	9476	0.40	ng	0.01
34) Perylene-d12	23.98	264	8880	0.40	ng	0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.57	112	886	0.33	ng	0.04
5) Phenol-d6	7.20	99	1541	0.38	ng	0.07
8) Nitrobenzene-d5	9.14	82	1172	0.33	ng	0.07
11) 2-Methylnaphthalene-d10	12.32	152	2582	0.37	ng	0.03
14) 2,4,6-Tribromophenol	16.06	330	399	0.51	ng	0.03
15) 2-Fluorobiphenyl	13.18	172	3431	0.35	ng	0.03
25) Fluoranthene-d10	19.30	212	37547	0.42	ng	0.01
29) Terphenyl-d14	19.87	244	6358	0.36	ng	0.00

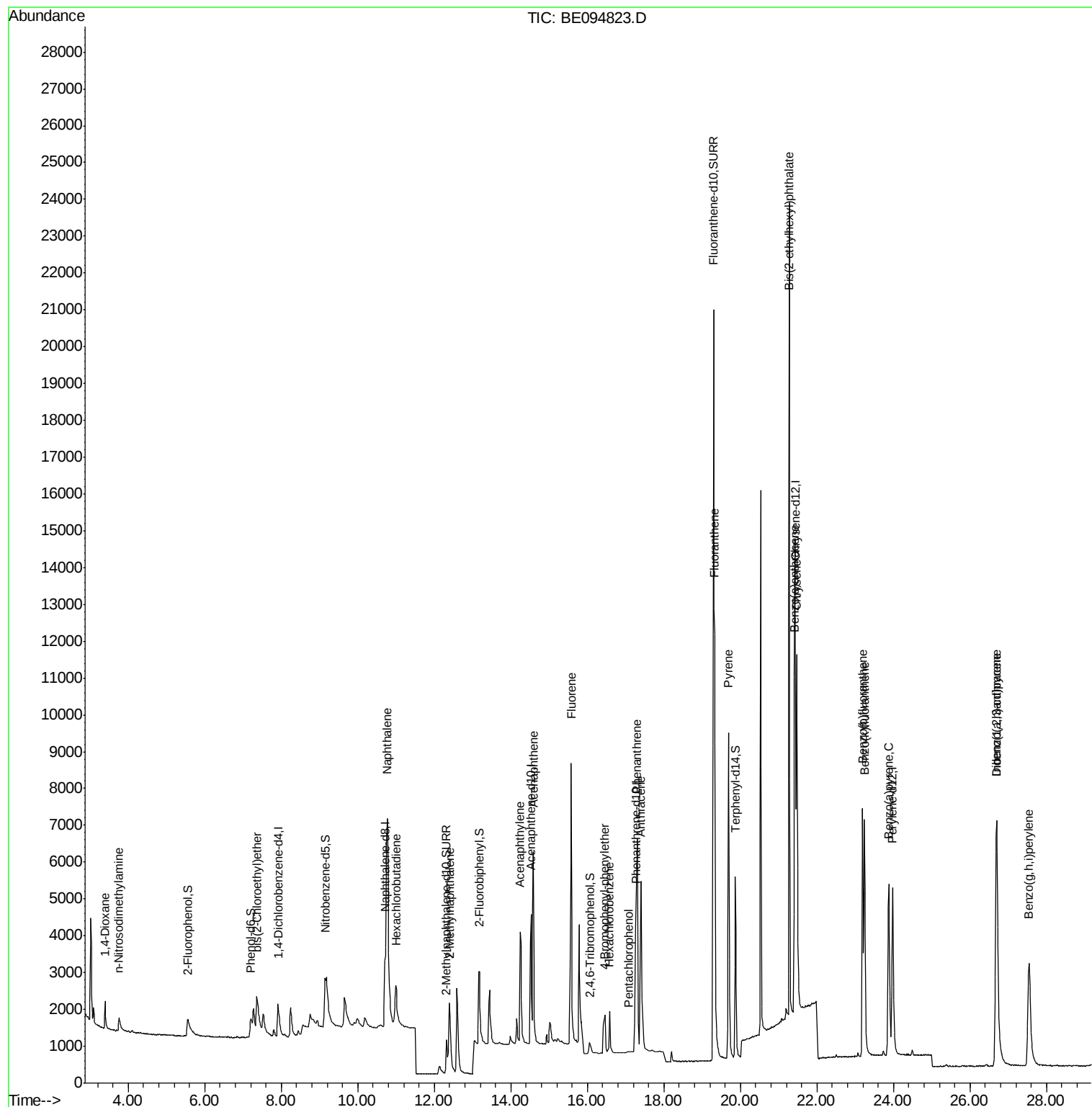
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	634	0.48	ng	# 77
3) n-Nitrosodimethylamine	3.75	42	473	0.38	ng	# 3
6) bis(2-Chloroethyl)ether	7.37	93	1010	0.32	ng	73
9) Naphthalene	10.77	128	17705	0.36	ng	99
10) Hexachlorobutadiene	11.01	225	728	0.40	ng	98
12) 2-Methylnaphthalene	12.39	142	3035	0.36	ng	99
16) Acenaphthylene	14.24	152	5366	0.36	ng	98
17) Acenaphthene	14.58	154	3556	0.37	ng	99
18) Fluorene	15.58	166	4813	0.39	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	1197	0.30	ng	# 65
21) Hexachlorobenzene	16.58	284	1653	0.47	ng	# 83
22) Pentachlorophenol	17.07	266	86	0.19	ng	98
23) Phenanthrene	17.30	178	9396	0.50	ng	97
24) Anthracene	17.40	178	9399	0.44	ng	97
26) Fluoranthene	19.33	202	11365	0.42	ng	98
28) Pyrene	19.69	202	11882	0.36	ng	99
30) Benzo(a)anthracene	21.42	228	11156	0.36	ng	# 63
31) Chrysene	21.47	228	12538	0.40	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.28	149	26209	0.35	ng	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	11317	0.39	ng	97
35) Benzo(b)fluoranthene	23.20	252	10459	0.36	ng	# 40
36) Benzo(k)fluoranthene	23.24	252	12218	0.40	ng	# 40
37) Benzo(a)pyrene	23.88	252	10639	0.38	ng	# 34
38) Dibenzo(a,h)anthracene	26.69	278	9799	0.39	ng	# 45
39) Benzo(g,h,i)perylene	27.54	276	9685	0.41	ng	# 53

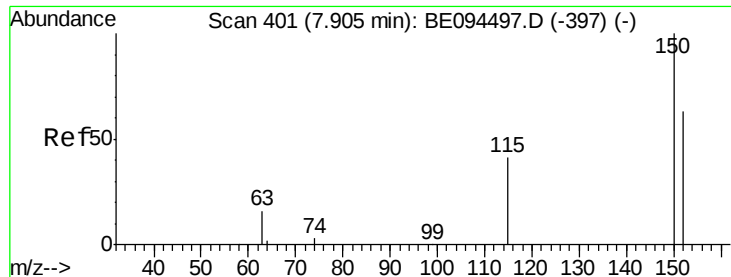
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111617\
Data File : BE094823.D
Acq On : 15 Nov 2017 20:12
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 16 01:53:51 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.92 min Scan# 402

Delta R.T. 0.01 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

Instrument :

BNA_E

ClientSampleId :

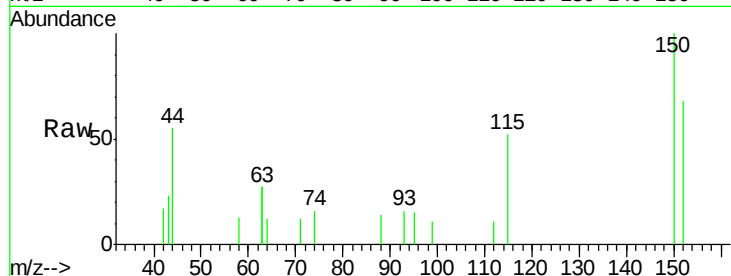
Tot Ion:152 Resp: 777

Ion Ratio Lower Upper

152 100

150 148.0 117.2 175.8

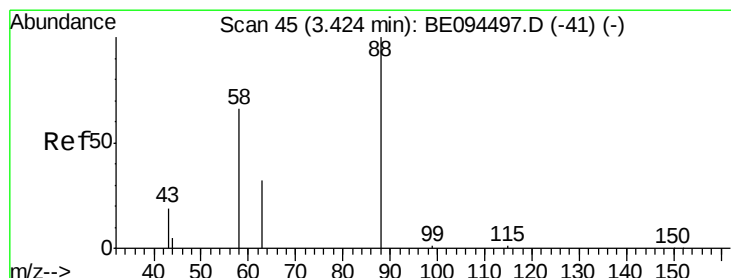
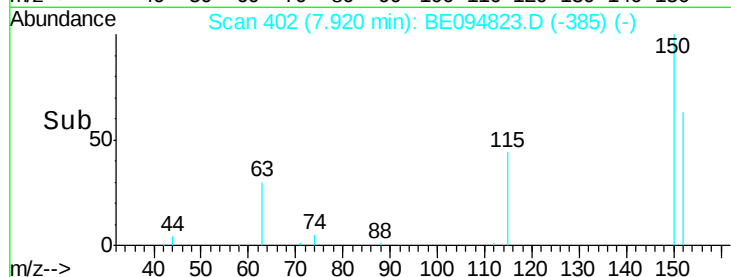
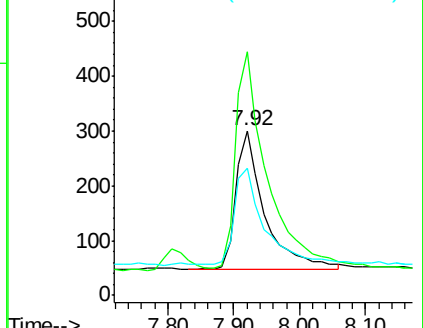
115 77.3 57.0 85.6



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: 0.48 ng

RT: 3.40 min Scan# 43

Delta R.T. -0.02 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

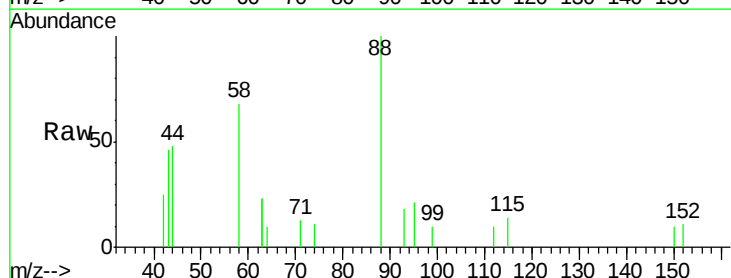
Tgt Ion: 88 Resp: 634

Ion Ratio Lower Upper

88 100

58 71.1 63.2 94.8

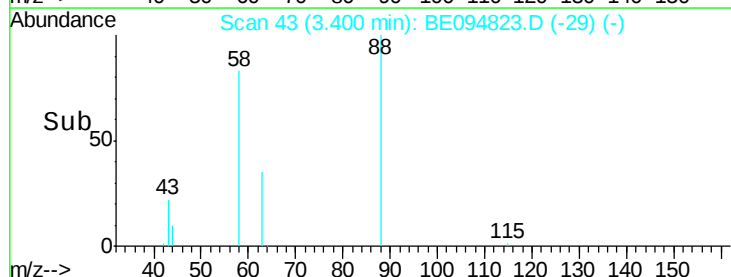
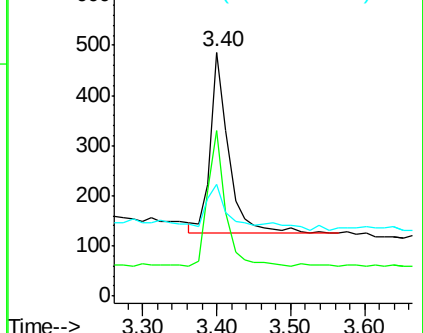
43 20.2 41.2 61.8#

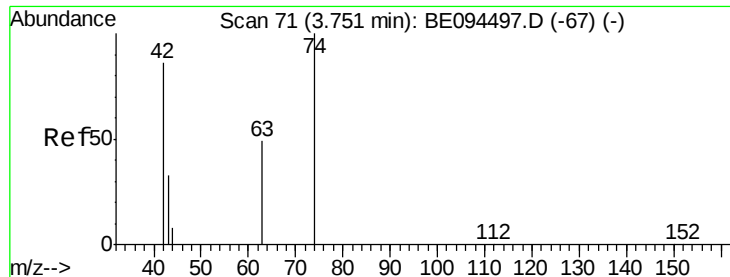


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.38 ng

RT: 3.75 min Scan# 71

Delta R.T. 0.00 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

Instrument :

BNA_E

ClientSampled :

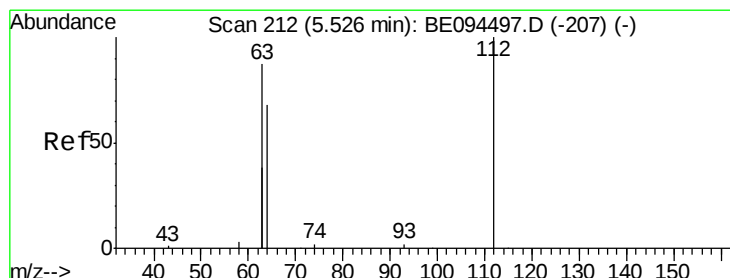
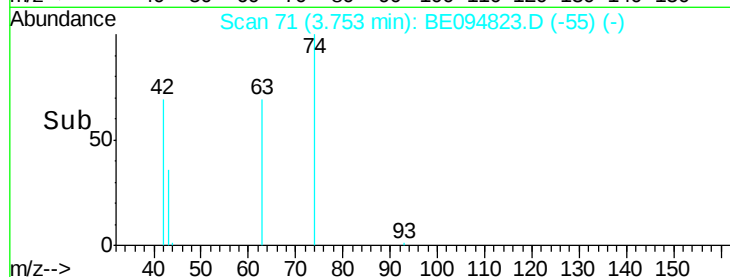
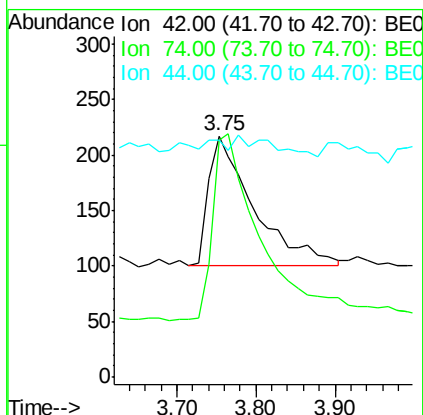
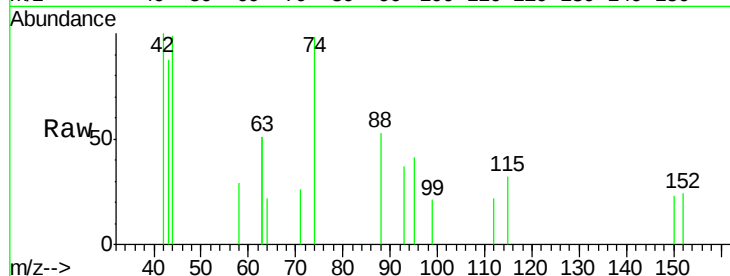
Tot Ion: 42 Resp: 473

Ion Ratio Lower Upper

42 100

74 0.0 100.3 150.5#

44 12.7 17.0 25.4#



#4

2-Fluorophenol

Concen: 0.33 ng

RT: 5.57 min Scan# 215

Delta R.T. 0.04 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

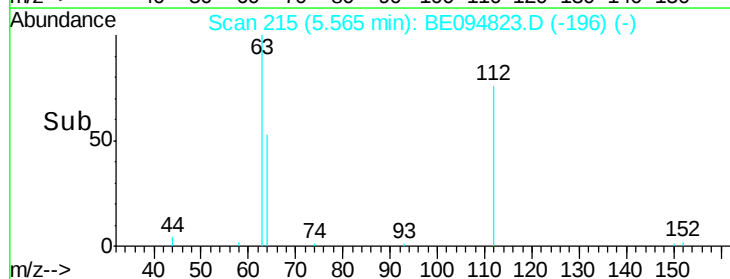
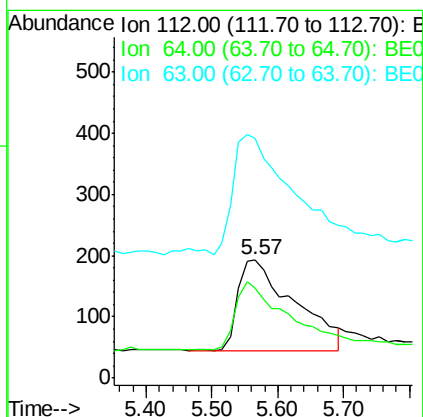
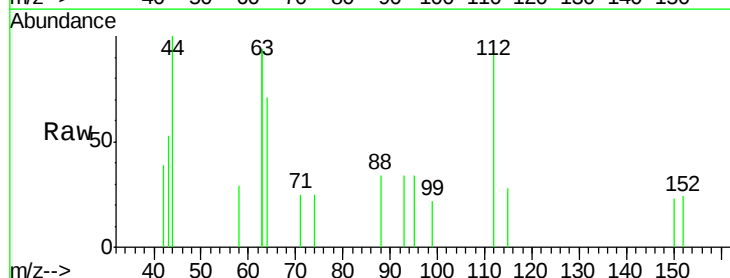
Tgt Ion: 112 Resp: 886

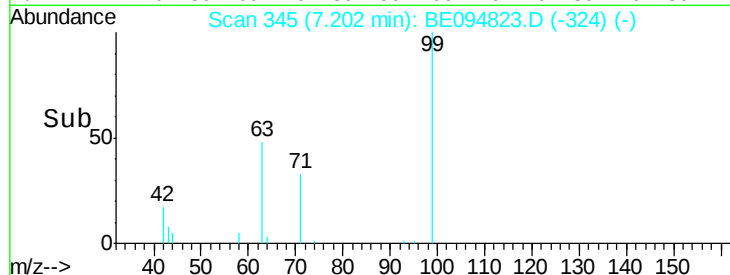
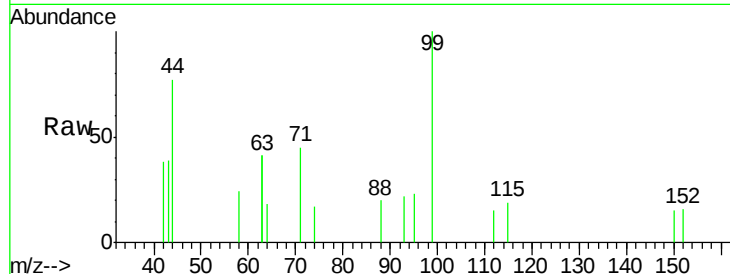
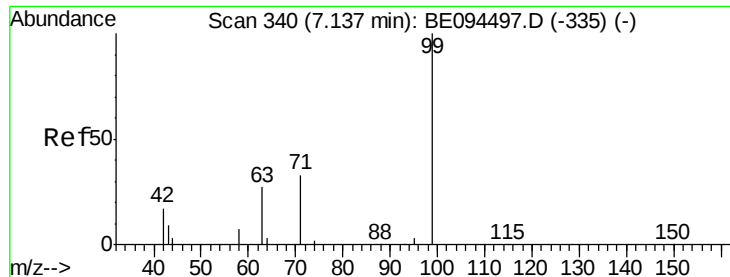
Ion Ratio Lower Upper

112 100

64 70.2 60.1 90.1

63 139.2 116.8 175.2





#5

Phenol-d6

Concen: 0.38 ng

RT: 7.20 min Scan# 345

Delta R.T. 0.07 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

Instrument :

BNA_E

ClientSampled :

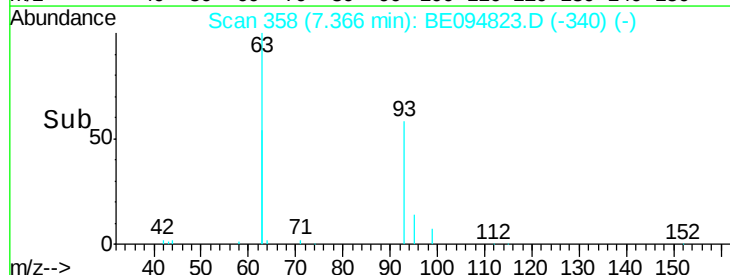
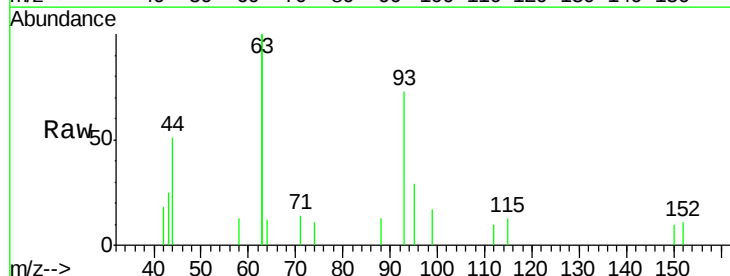
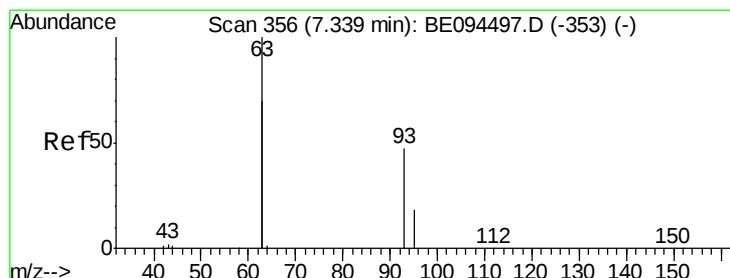
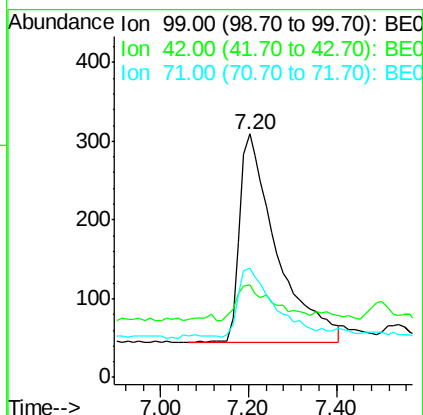
Tot Ion: 99 Resp: 1541

Ion Ratio Lower Upper

99 100

42 17.6 20.2 30.2#

71 33.7 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.32 ng

RT: 7.37 min Scan# 358

Delta R.T. 0.03 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

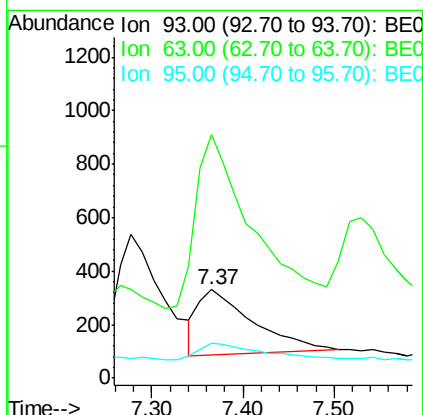
Tgt Ion: 93 Resp: 1010

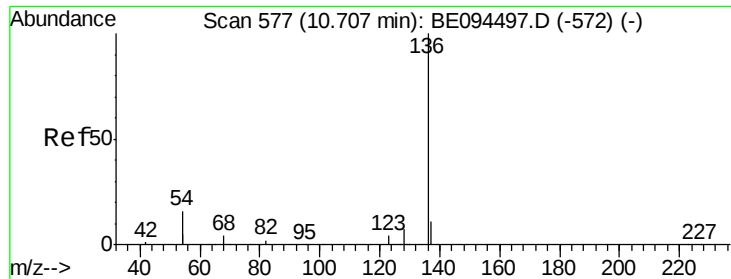
Ion Ratio Lower Upper

93 100

63 282.1 275.3 412.9

95 28.0 25.2 37.8





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.02 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 4401

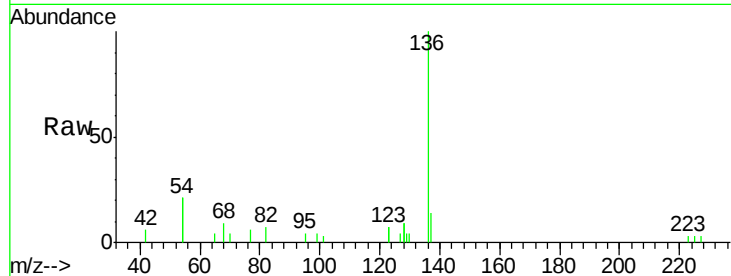
Ion Ratio Lower Upper

136 100

137 13.9 9.5 14.3

54 42.1 29.1 43.7

68 8.7 6.2 9.2

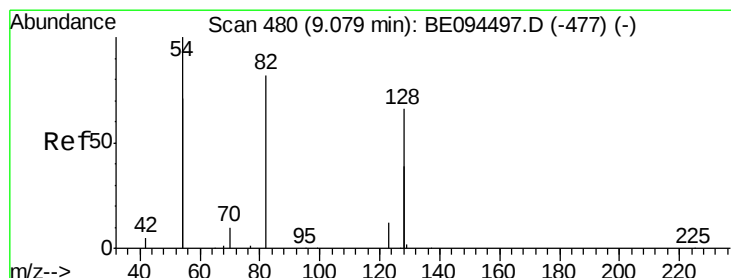
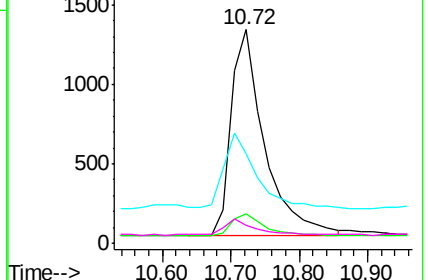
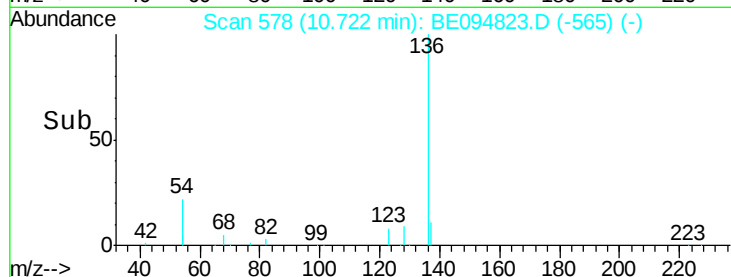


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.33 ng

RT: 9.14 min Scan# 484

Delta R.T. 0.07 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

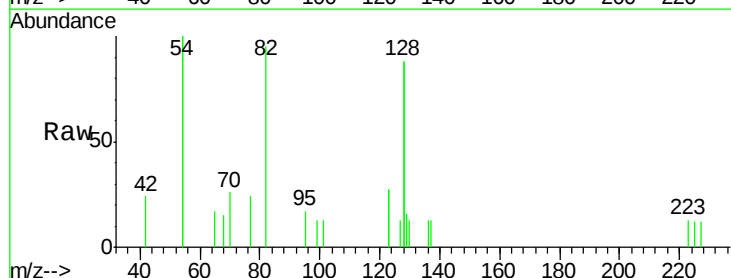
Tgt Ion: 82 Resp: 1172

Ion Ratio Lower Upper

82 100

128 184.0 150.0 225.0

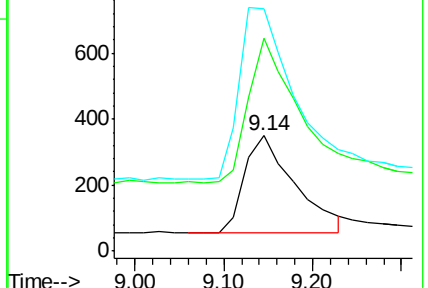
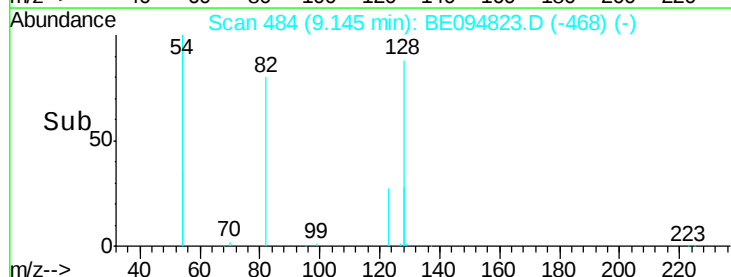
54 210.3 154.2 231.4

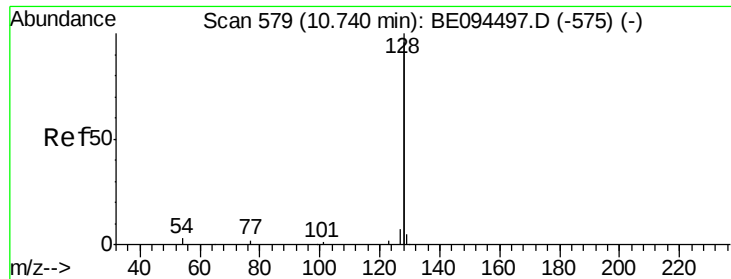


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.36 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.03 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

Instrument :

BNA_E

ClientSampleId :

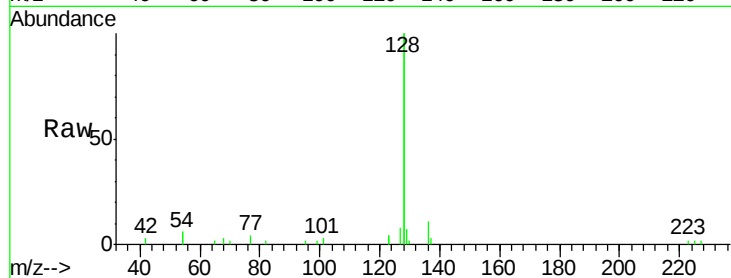
Tot Ion:128 Resp: 17705

Ion Ratio Lower Upper

128 100

129 3.6 2.6 3.8

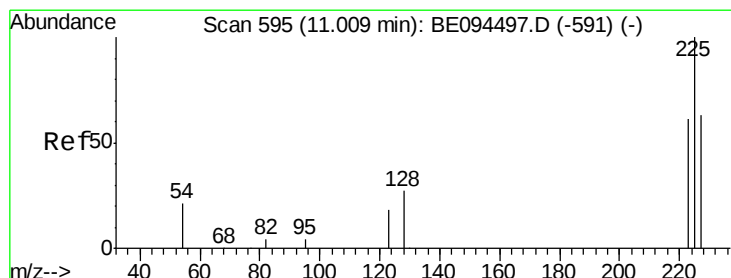
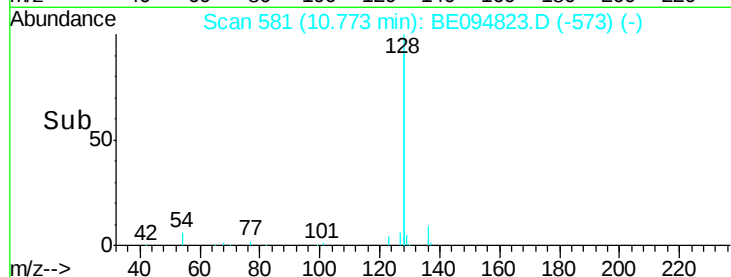
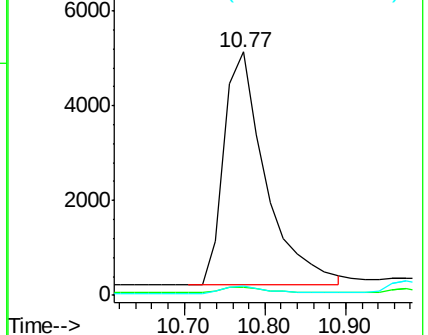
127 4.0 2.8 4.2



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: 11.01 min Scan# 595

Delta R.T. -0.00 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

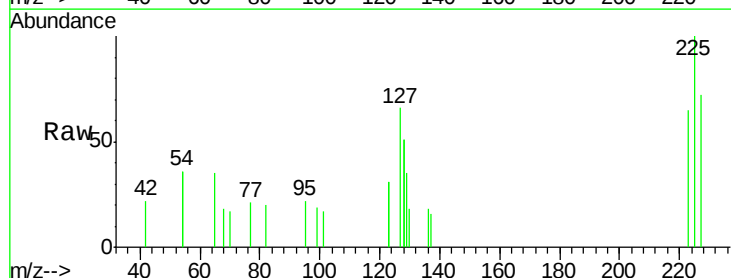
Tgt Ion:225 Resp: 728

Ion Ratio Lower Upper

225 100

223 64.7 53.0 79.6

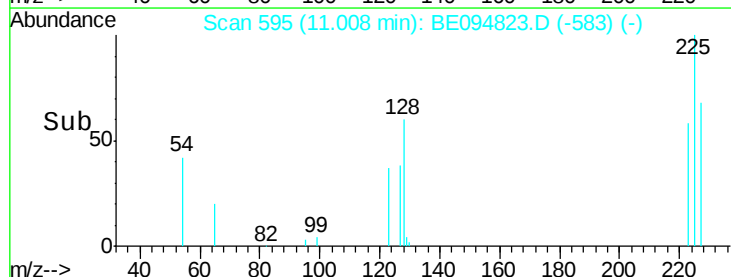
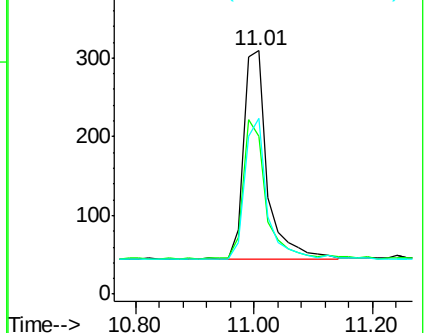
227 65.5 51.4 77.2

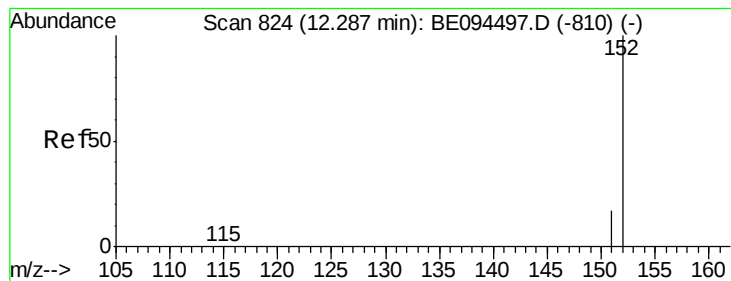


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.37 ng

RT: 12.32 min Scan# 832

Delta R.T. 0.03 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

Instrument :

BNA_E

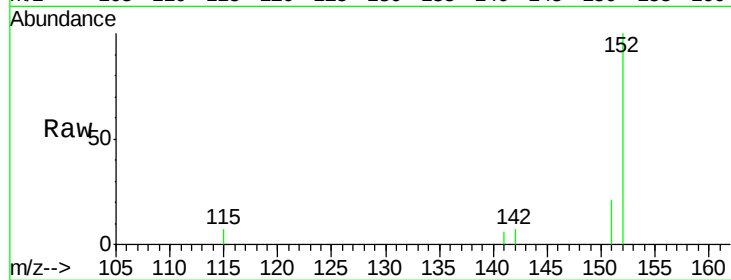
ClientSampleId :

Tot Ion:152 Resp: 2582

Ion Ratio Lower Upper

152 100

151 18.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.32

800

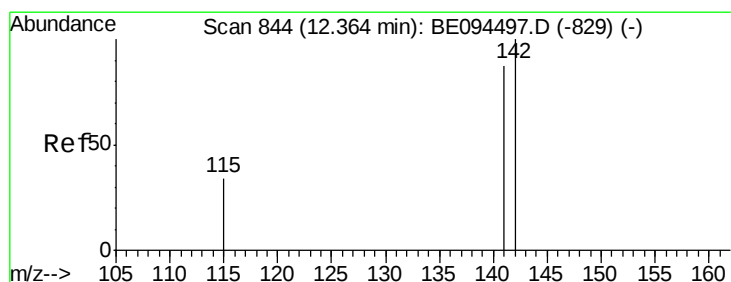
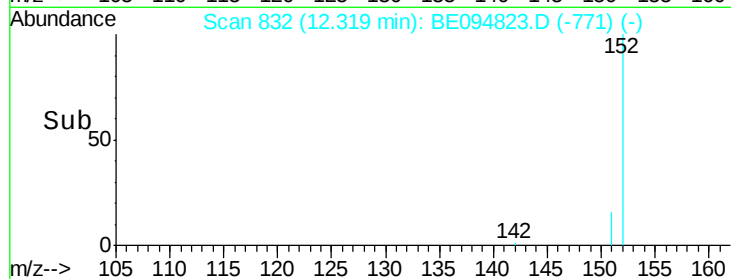
600

400

200

0

Time--> 12.20 12.30 12.40 12.50



#12

2-Methylnaphthalene

Concen: 0.36 ng

RT: 12.39 min Scan# 852

Delta R.T. 0.03 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

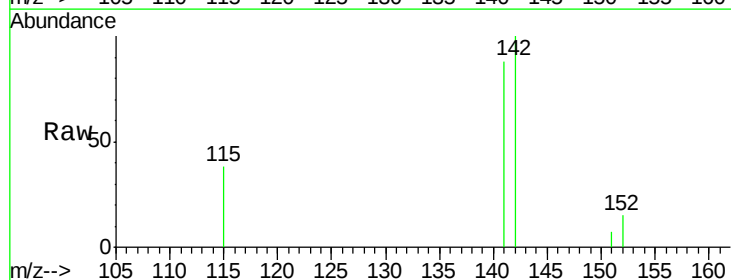
Tgt Ion:142 Resp: 3035

Ion Ratio Lower Upper

142 100

141 88.2 70.4 105.6

115 37.5 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

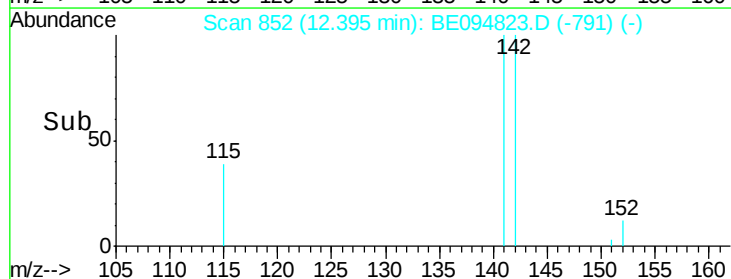
12.39

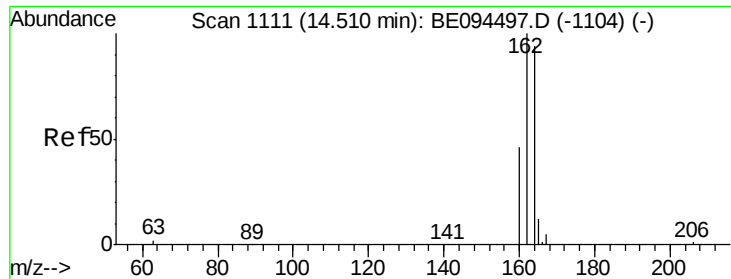
1000

500

0

Time--> 12.30 12.40 12.50 12.60





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.02 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

Instrument :

BNA_E

ClientSampleId :

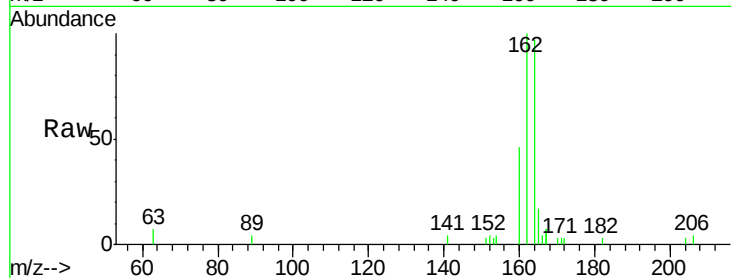
Tot Ion:164 Resp: 2817

Ion Ratio Lower Upper

164 100

162 103.6 83.1 124.7

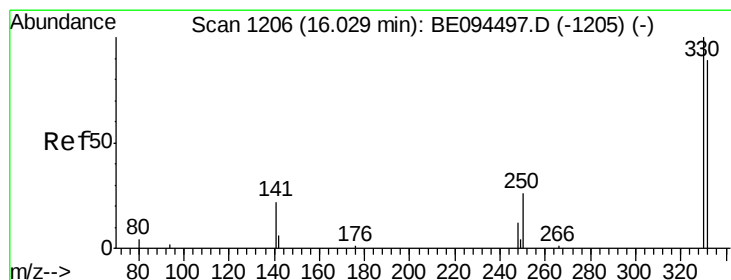
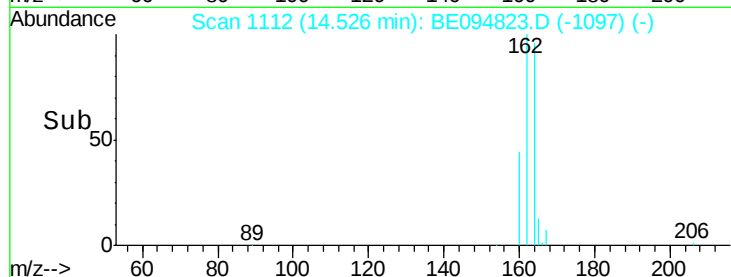
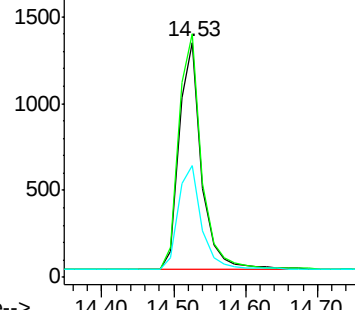
160 47.4 37.1 55.7



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: 0.51 ng

RT: 16.06 min Scan# 1207

Delta R.T. 0.03 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

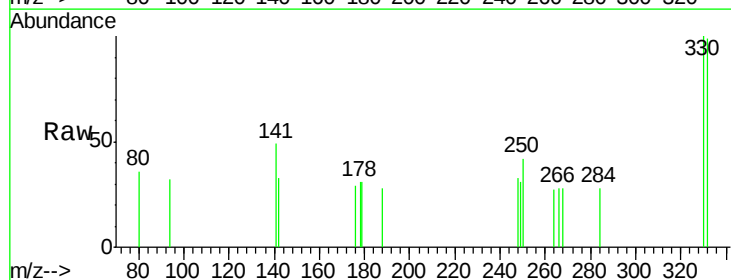
Tgt Ion:330 Resp: 399

Ion Ratio Lower Upper

330 100

332 99.5 152.7 229.1#

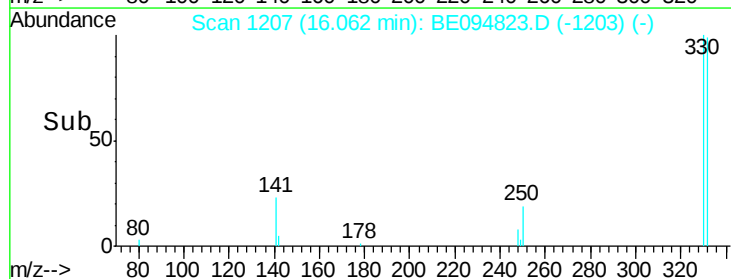
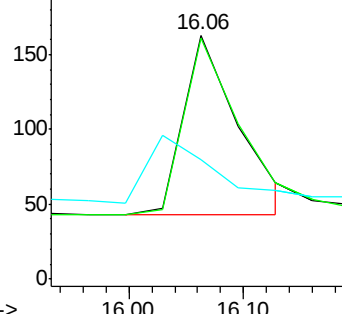
141 0.0 33.7 50.5#

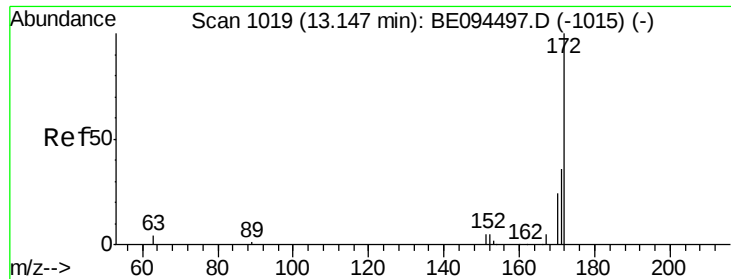


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

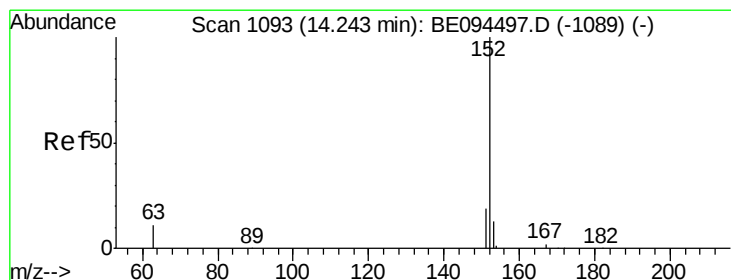
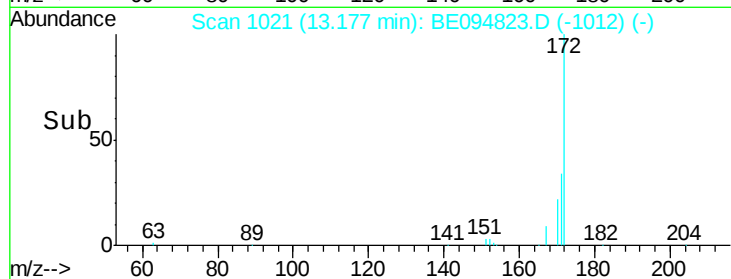
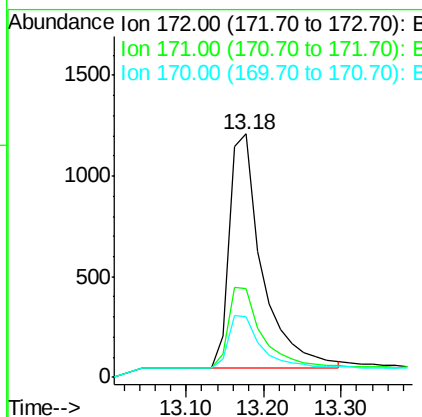
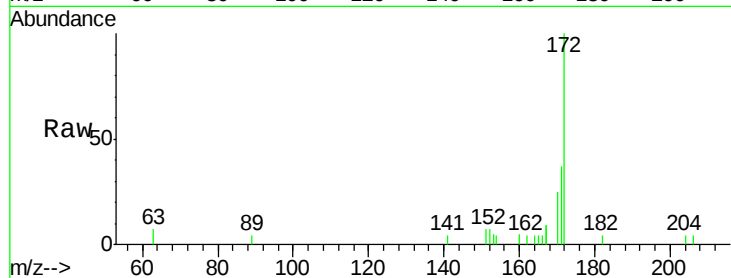




#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.03 min
Lab File: BE094823.D
Acq: 15 Nov 2017 20:12

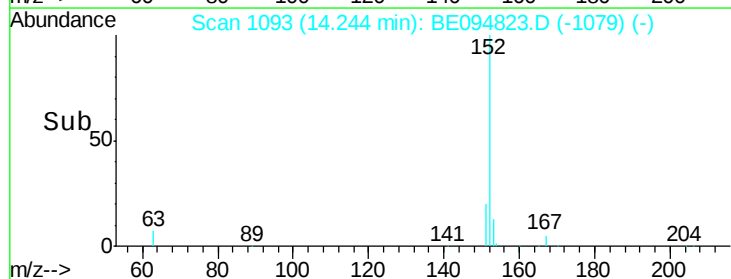
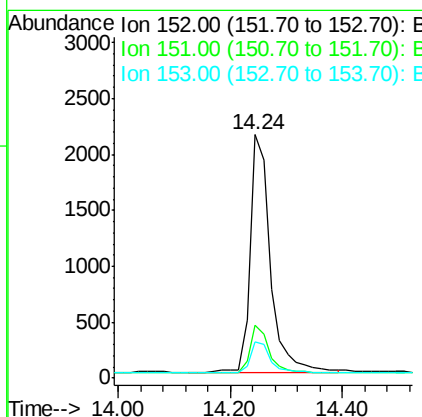
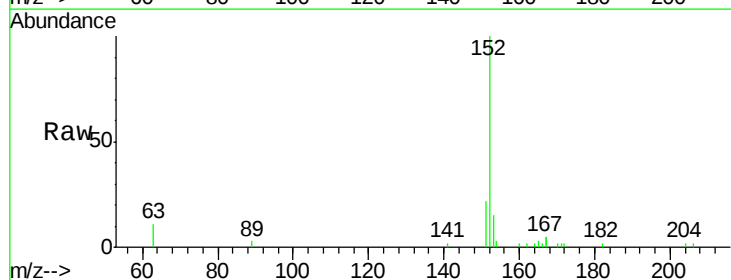
Instrument :
BNA_E
ClientSampleId :

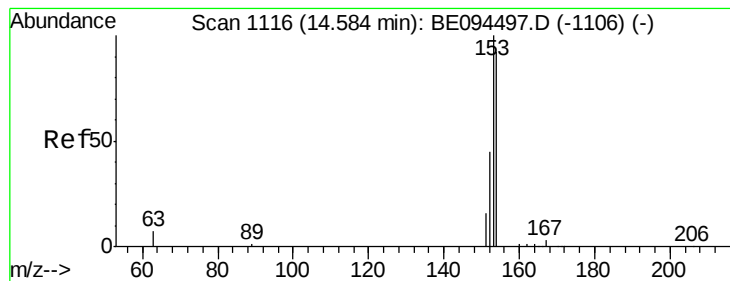
Tot Ion:172 Resp: 3431
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 25.0 21.8 32.8



#16
Acenaphthylene
Concen: 0.36 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094823.D
Acq: 15 Nov 2017 20:12

Tgt Ion:152 Resp: 5366
Ion Ratio Lower Upper
152 100
151 18.9 15.7 23.5
153 13.7 10.5 15.7





#17

Acenaphthene

Concen: 0.37 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

Instrument :

BNA_E

ClientSampleId :

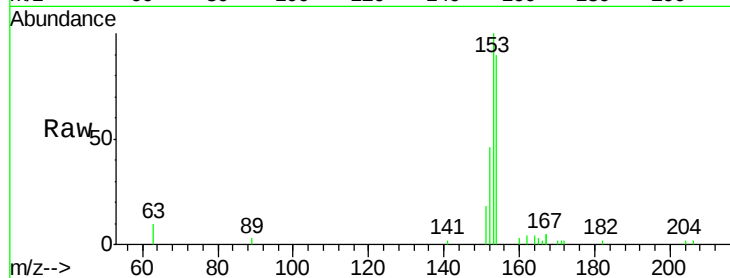
Tot Ion:154 Resp: 3556

Ion Ratio Lower Upper

154 100

153 112.1 89.2 133.8

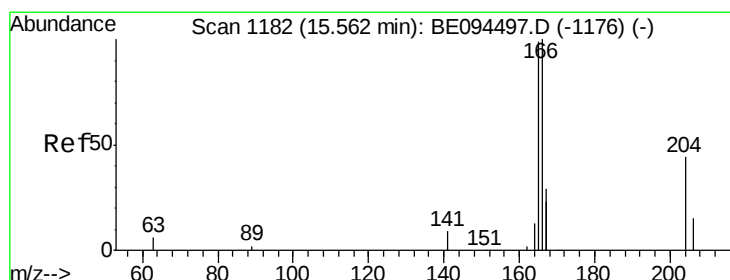
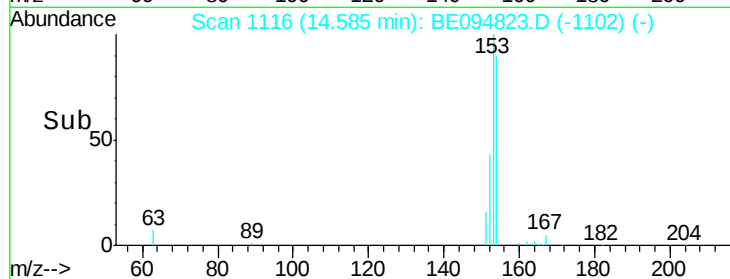
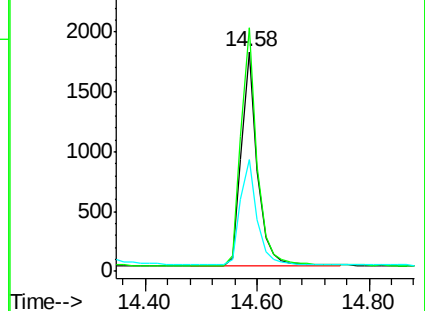
152 51.5 42.0 63.0



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: 0.39 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.02 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

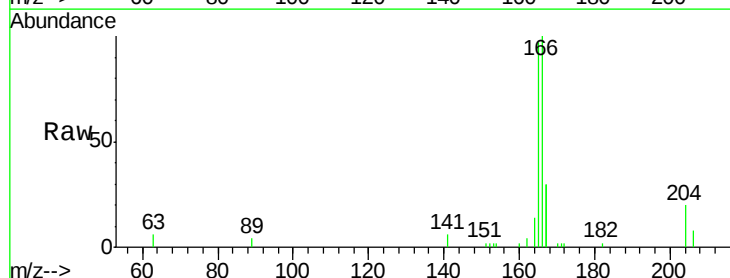
Tgt Ion:166 Resp: 4813

Ion Ratio Lower Upper

166 100

165 97.7 77.8 116.6

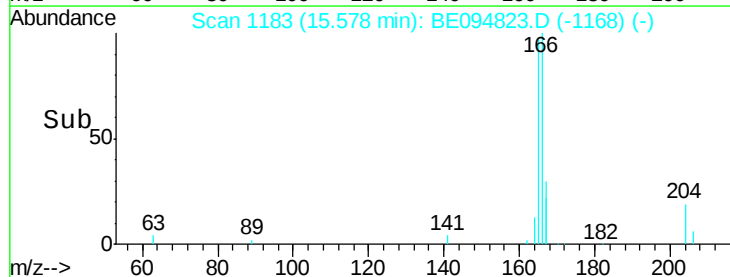
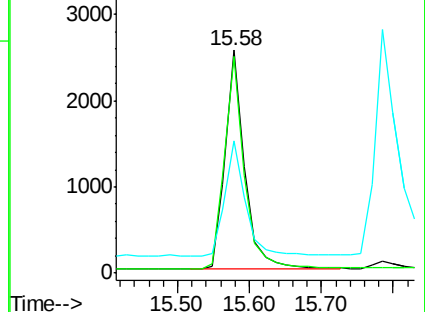
167 54.5 42.4 63.6

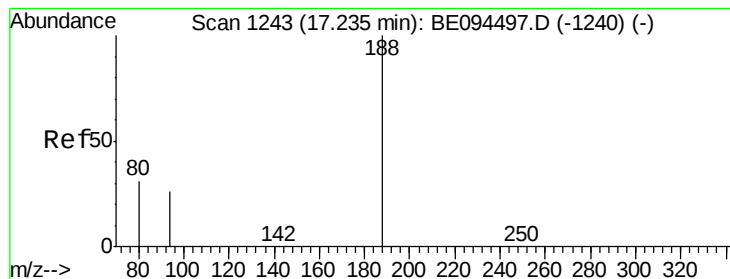


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.03 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

Instrument :

BNA_E

ClientSampleId :

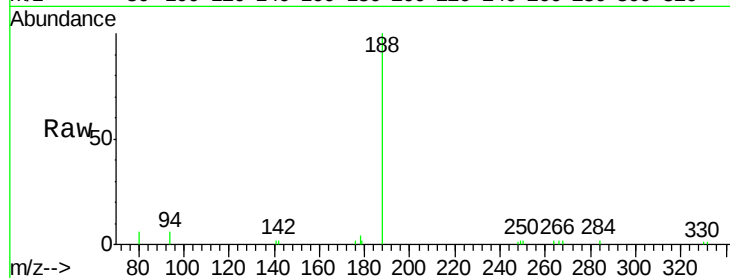
Tot Ion:188 Resp: 7305

Ion Ratio Lower Upper

188 100

94 6.2 3.9 5.9#

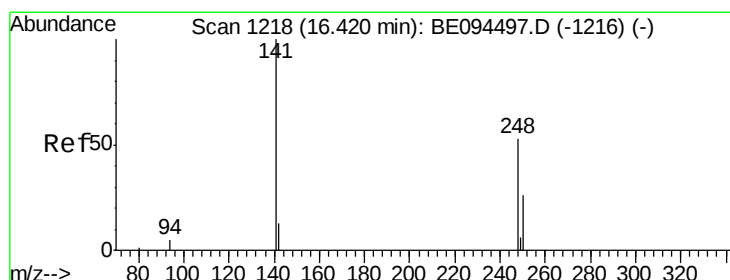
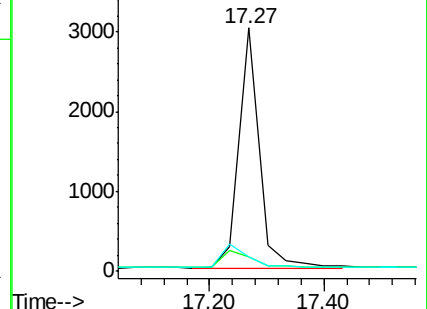
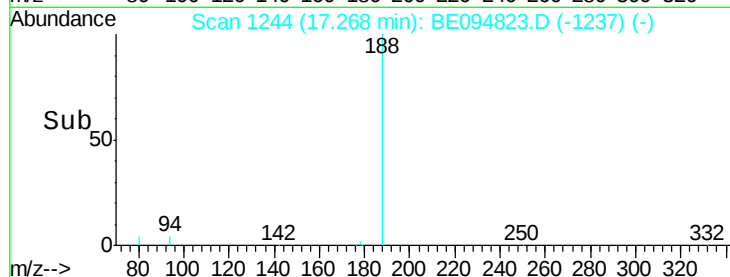
80 5.9 3.6 5.4#



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: 0.30 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.03 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

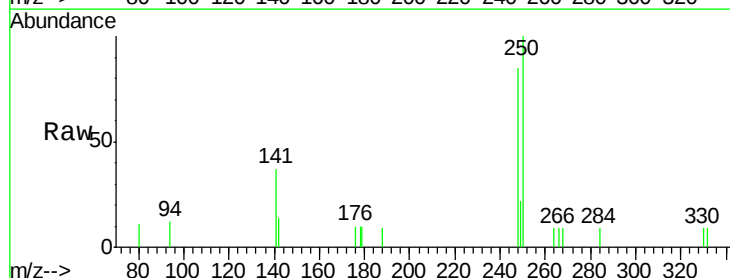
Tgt Ion:248 Resp: 1197

Ion Ratio Lower Upper

248 100

250 118.3 62.7 94.1#

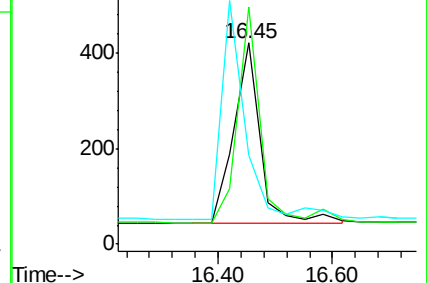
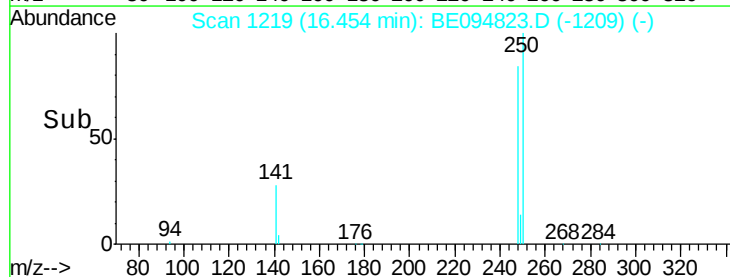
141 44.2 48.2 72.2#

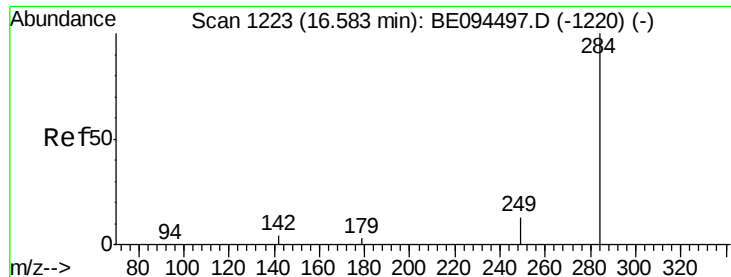


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.47 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

Instrument :

BNA_E

ClientSampleId :

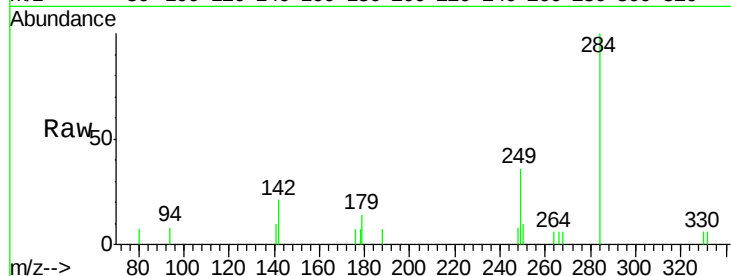
Tot Ion:284 Resp: 1653

Ion Ratio Lower Upper

284 100

142 22.7 22.1 33.1

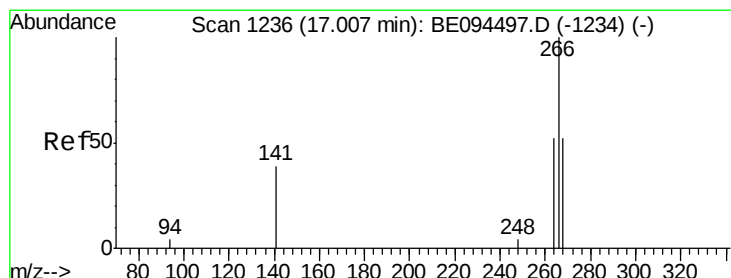
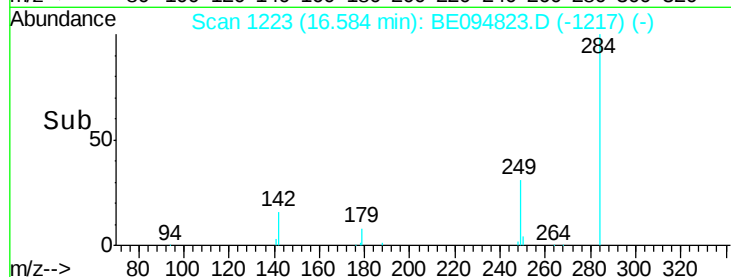
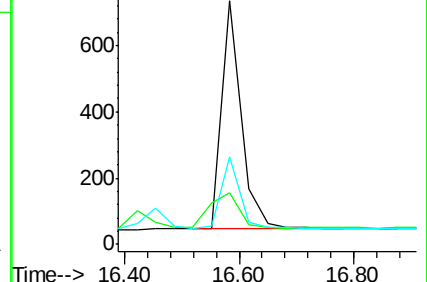
249 29.5 34.8 52.2#



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: 0.19 ng

RT: 17.07 min Scan# 1238

Delta R.T. 0.07 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

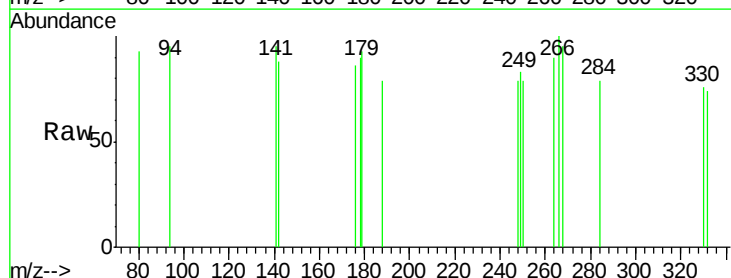
Tgt Ion:266 Resp: 86

Ion Ratio Lower Upper

266 100

264 89.7 72.5 108.7

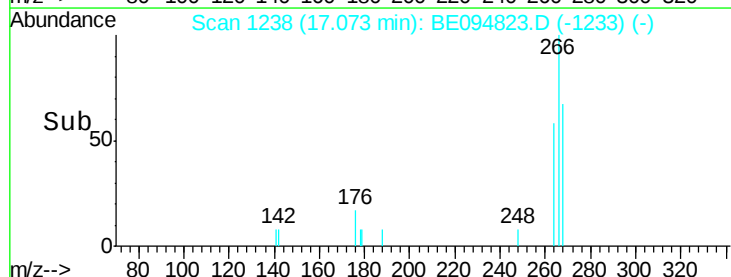
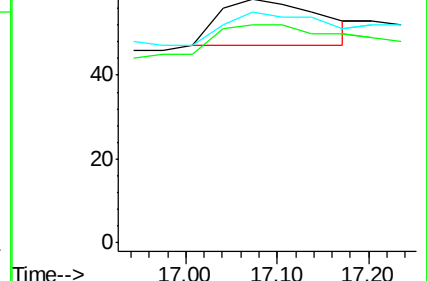
268 94.8 73.8 110.6

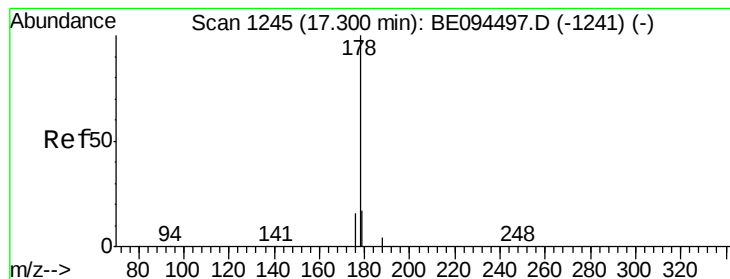


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.50 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

Instrument :

BNA_E

ClientSampleId :

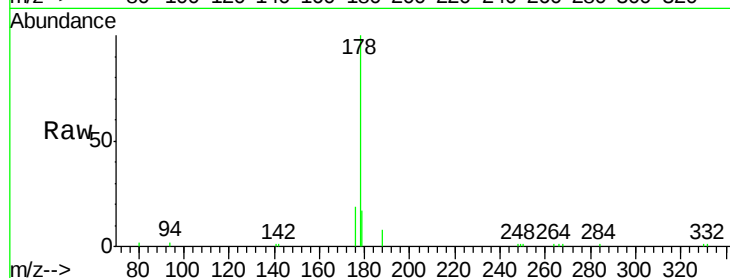
Tot Ion:178 Resp: 9396

Ion Ratio Lower Upper

178 100

176 17.7 15.1 22.7

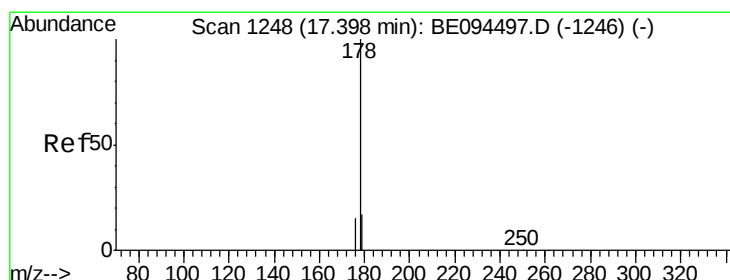
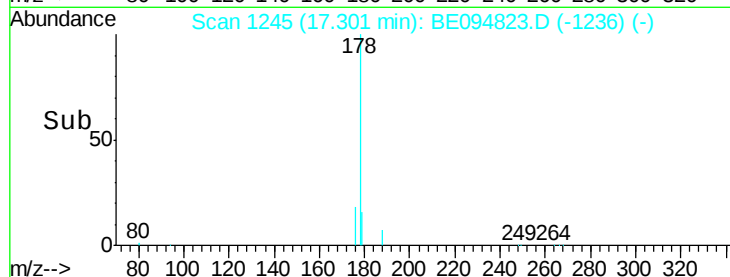
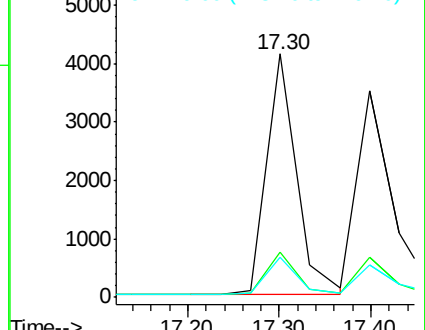
179 15.9 11.8 17.6



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: 0.44 ng

RT: 17.40 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

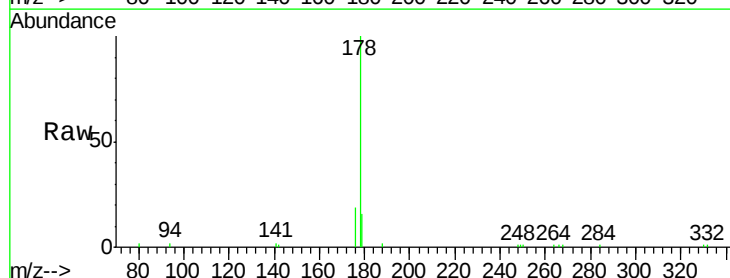
Tgt Ion:178 Resp: 9399

Ion Ratio Lower Upper

178 100

176 17.5 12.8 19.2

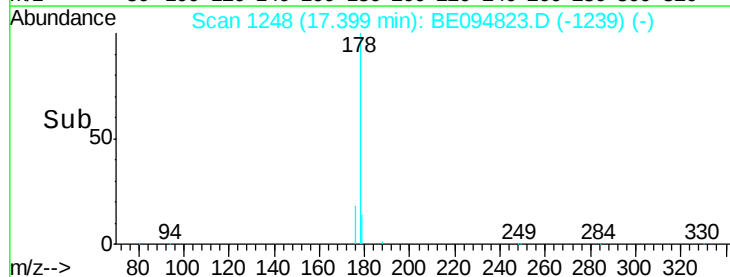
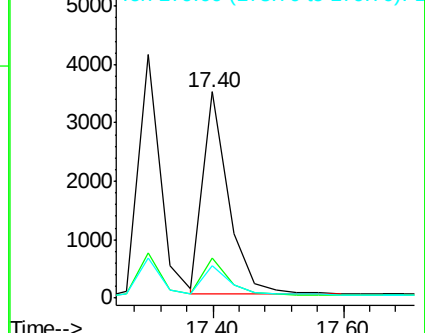
179 15.3 13.0 19.6

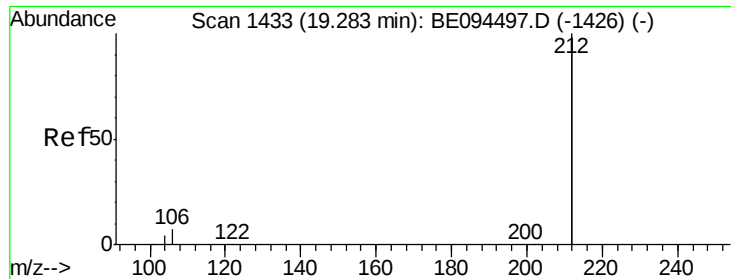


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.42 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

Instrument :

BNA_E

ClientSampleId :

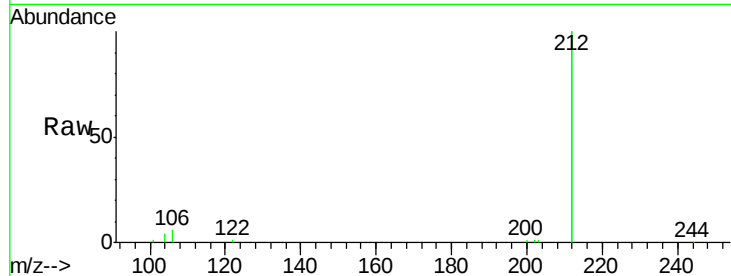
Tot Ion:212 Resp: 37547

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

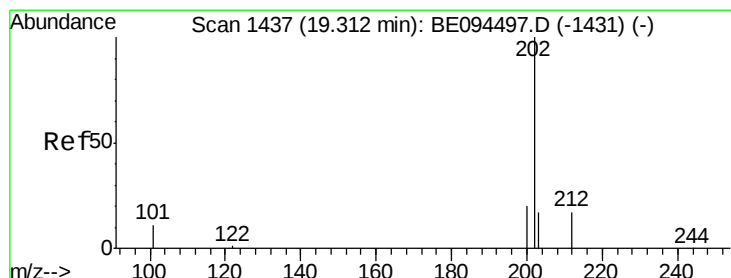
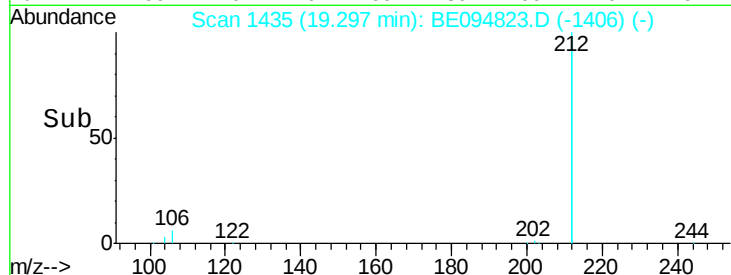
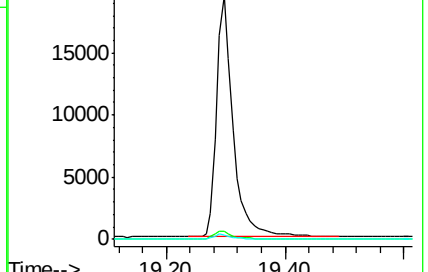
104 1.9 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.42 ng

RT: 19.33 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

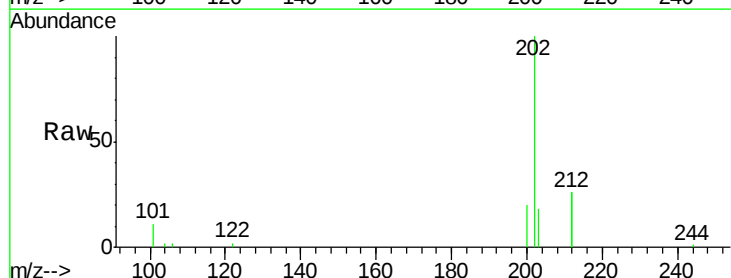
Tgt Ion:202 Resp: 11365

Ion Ratio Lower Upper

202 100

101 10.8 9.8 14.8

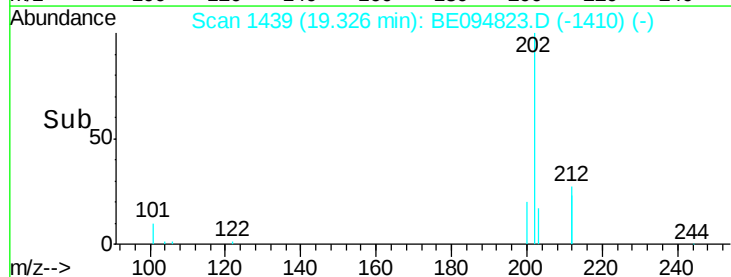
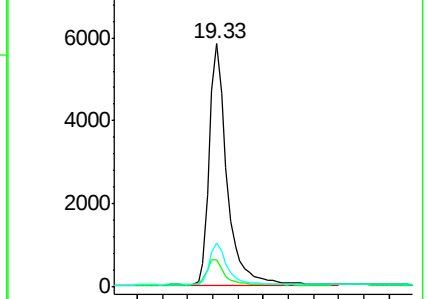
203 17.2 13.7 20.5

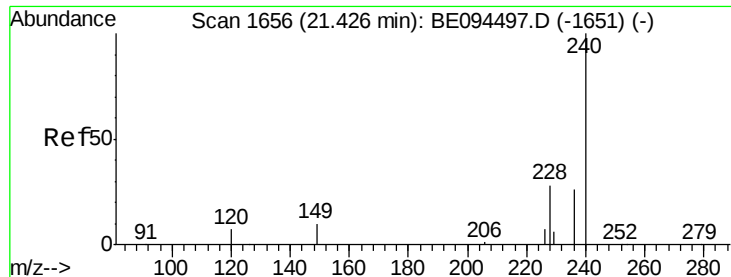


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.44 min Scan# 1657

Delta R.T. 0.01 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

Instrument :

BNA_E

ClientSampled :

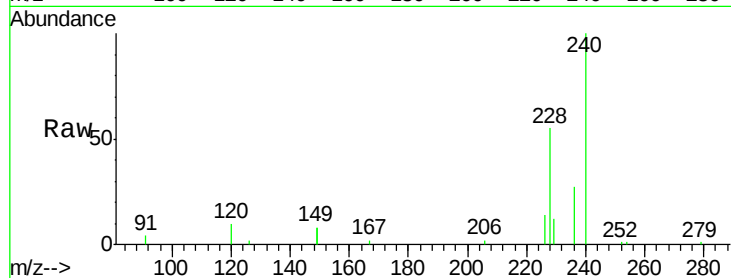
Tot Ion:240 Resp: 9476

Ion Ratio Lower Upper

240 100

120 10.2 5.5 8.3#

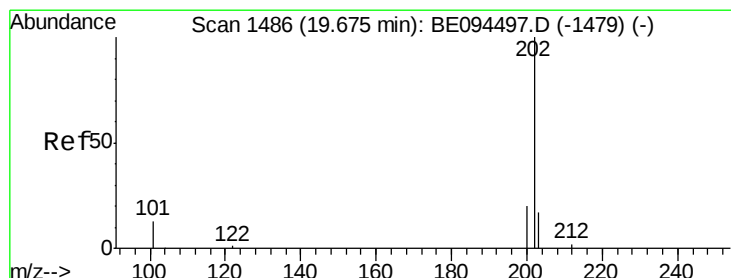
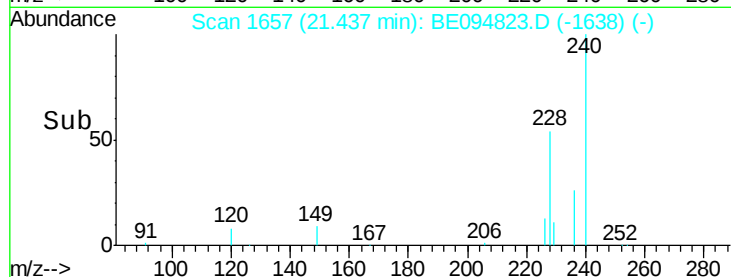
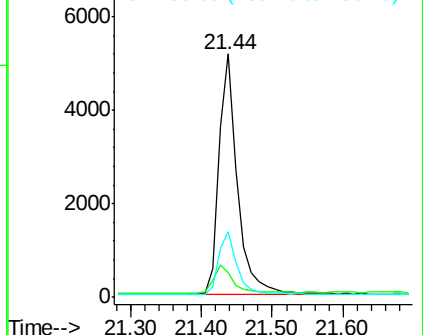
236 27.2 20.7 31.1



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: 0.36 ng

RT: 19.69 min Scan# 1488

Delta R.T. 0.01 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

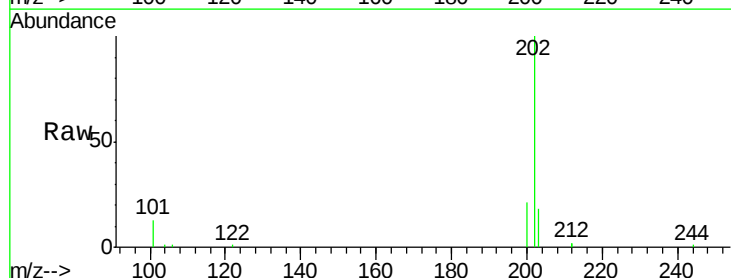
Tgt Ion:202 Resp: 11882

Ion Ratio Lower Upper

202 100

200 20.3 16.6 25.0

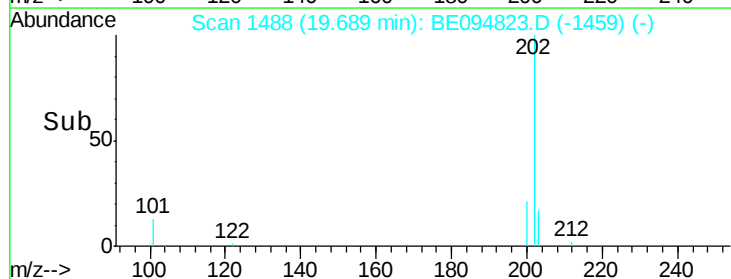
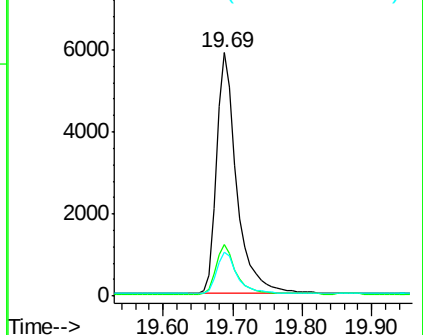
203 17.8 13.8 20.8

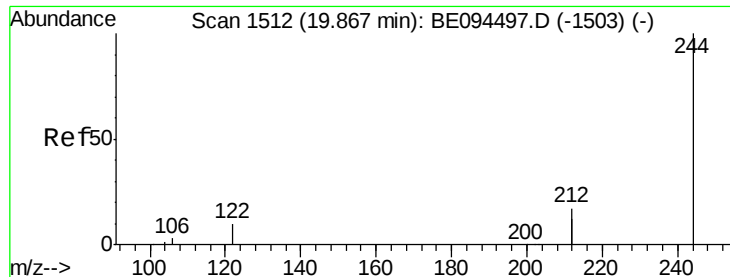


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.36 ng

RT: 19.87 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

Instrument :

BNA_E

ClientSampleId :

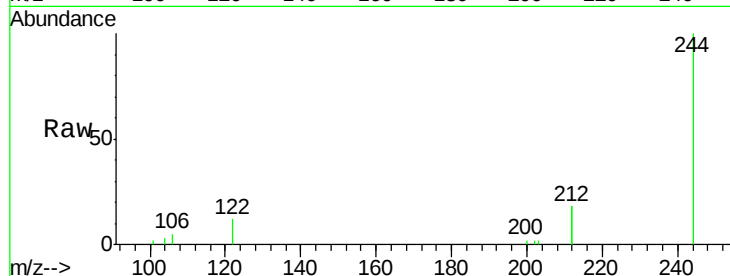
Tot Ion:244 Resp: 6358

Ion Ratio Lower Upper

244 100

212 35.7 25.4 38.0

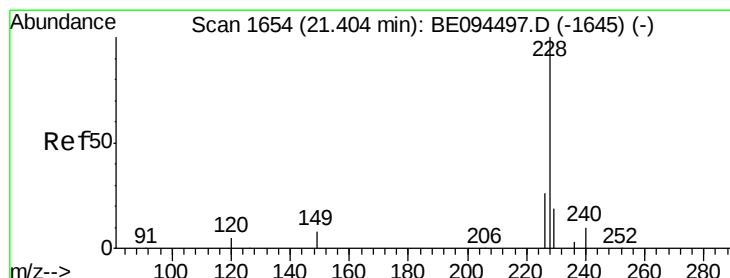
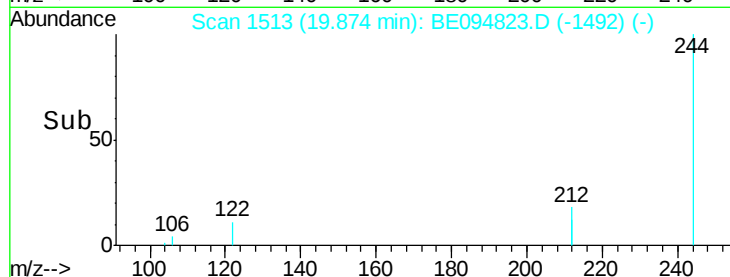
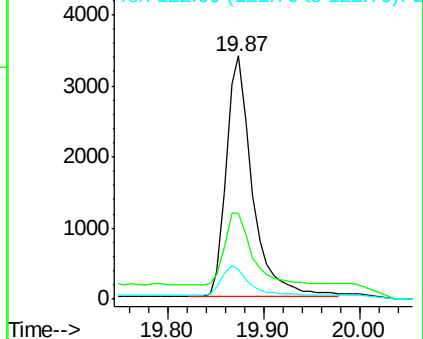
122 12.4 8.1 12.1#



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: 0.36 ng

RT: 21.42 min Scan# 1655

Delta R.T. 0.01 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

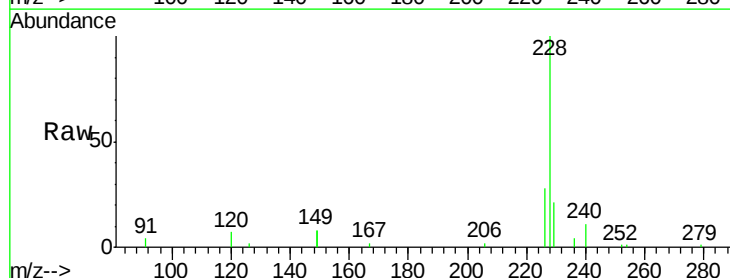
Tgt Ion:228 Resp: 11156

Ion Ratio Lower Upper

228 100

226 28.5 40.0 60.0#

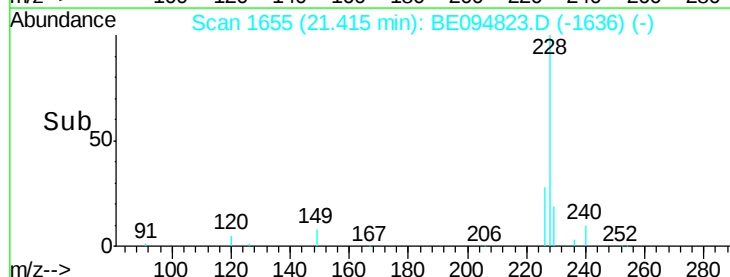
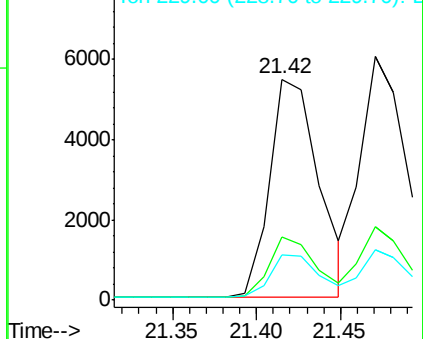
229 20.5 40.0 60.0#

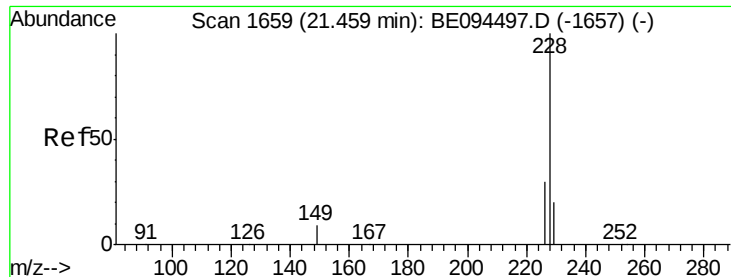


Abundance Ion 228.00 (227.70 to 228.70): E

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: 21.47 min Scan# 1660

Delta R.T. 0.01 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

Instrument :

BNA_E

ClientSampleId :

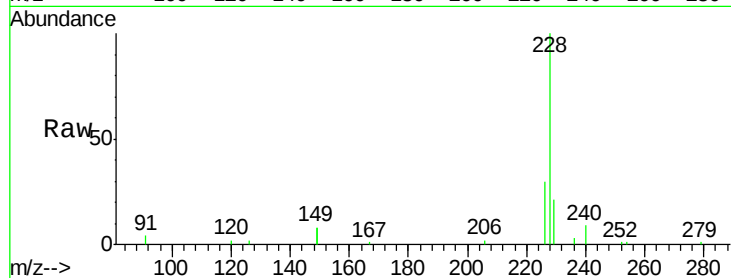
Tot Ion:228 Resp: 12538

Ion Ratio Lower Upper

228 100

226 30.1 40.0 60.0#

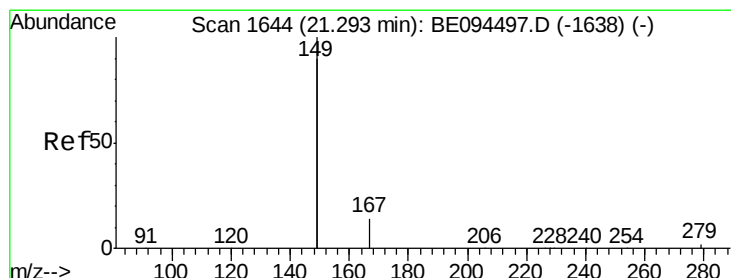
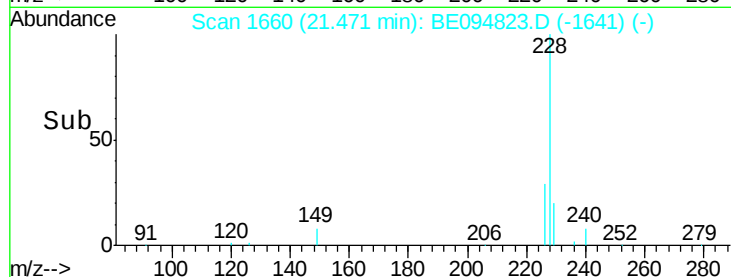
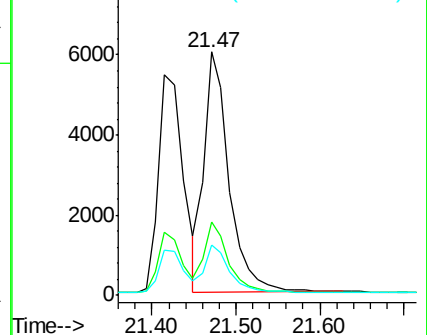
229 20.5 40.0 60.0#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.35 ng

RT: 21.28 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

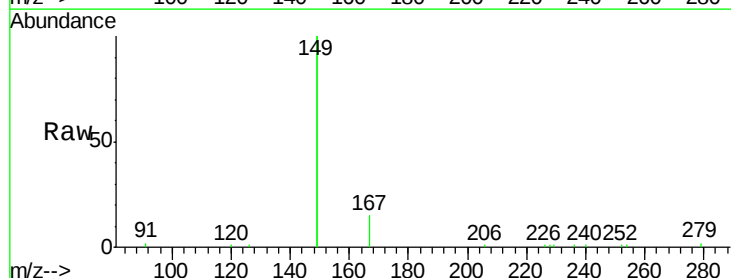
Tgt Ion:149 Resp: 26209

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

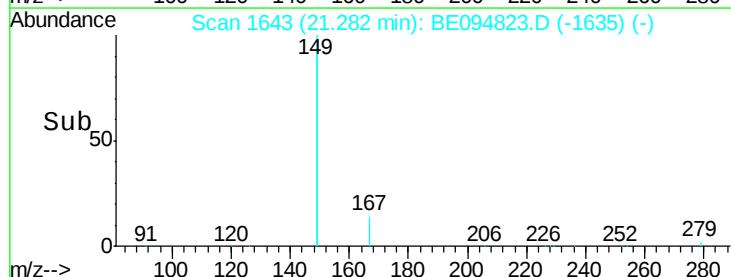
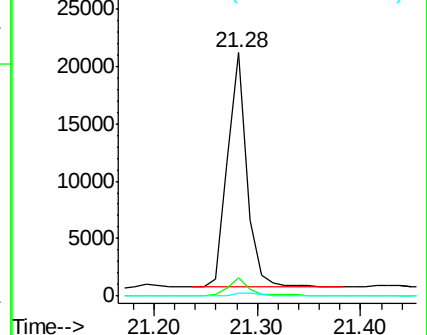
279 1.1 0.7 1.1

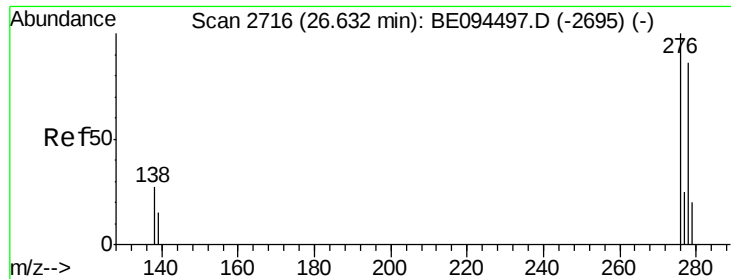


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

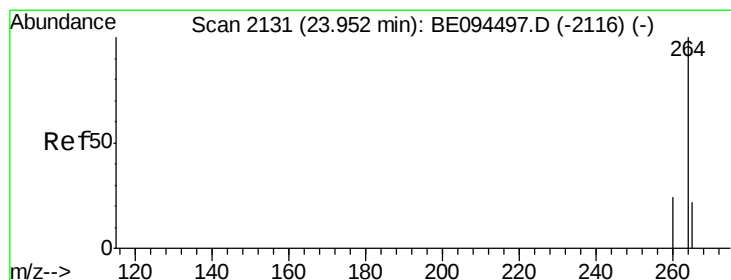
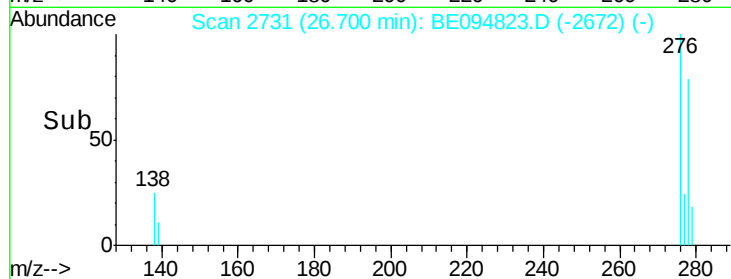
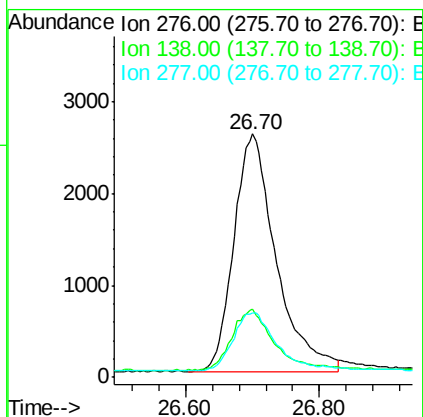
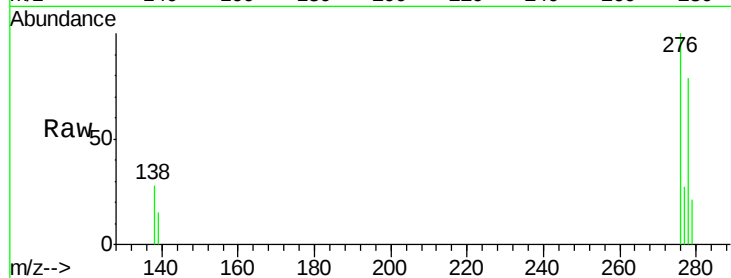




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.39 ng
 RT: 26.70 min Scan# 2731
 Delta R.T. 0.07 min
 Lab File: BE094823.D
 Acq: 15 Nov 2017 20:12

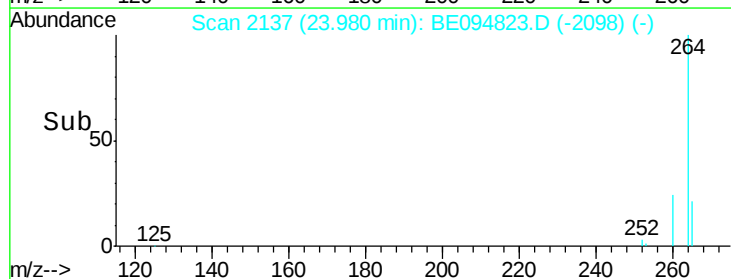
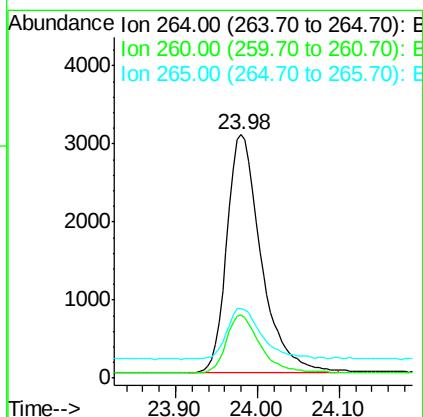
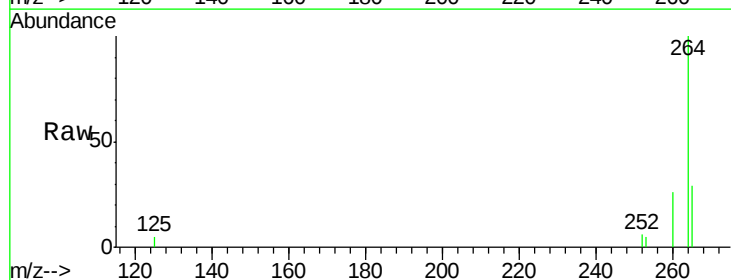
Instrument :
 BNA_E
 ClientSampleId :

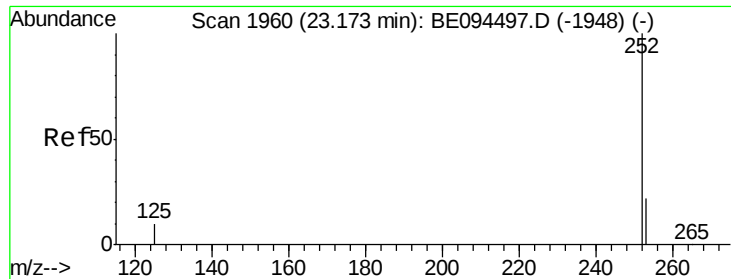
Tot Ion:276 Resp: 11317
 Ion Ratio Lower Upper
 276 100
 138 25.3 22.5 33.7
 277 25.5 19.9 29.9



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.98 min Scan# 2137
 Delta R.T. 0.03 min
 Lab File: BE094823.D
 Acq: 15 Nov 2017 20:12

Tgt Ion:264 Resp: 8880
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.5 30.7
 265 28.7 22.8 34.2

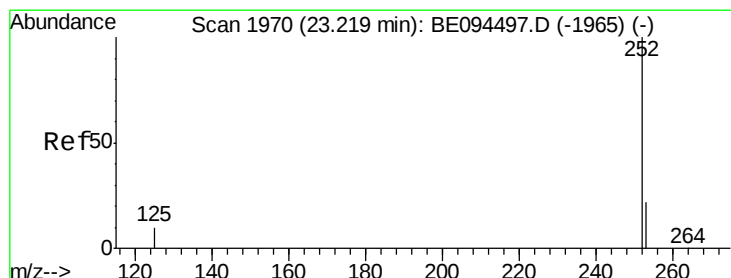
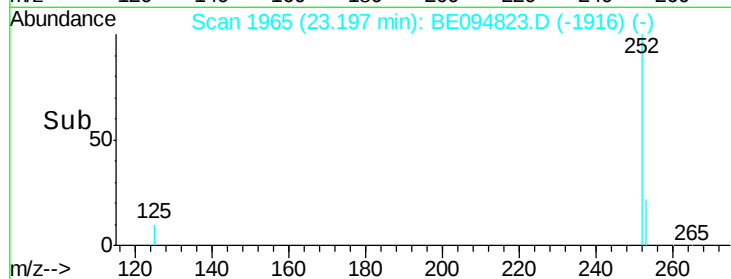
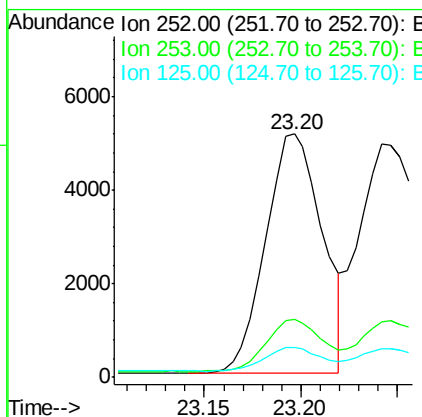
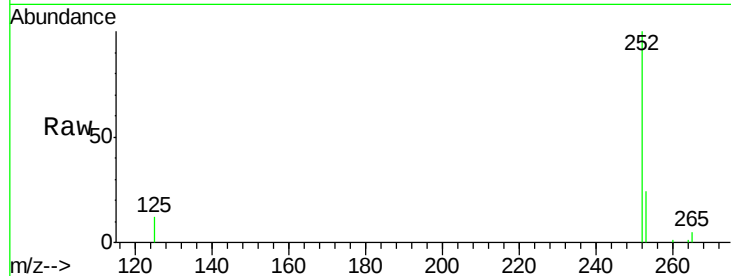




#35
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 23.20 min Scan# 1965
Delta R.T. 0.02 min
Lab File: BE094823.D
Acq: 15 Nov 2017 20:12

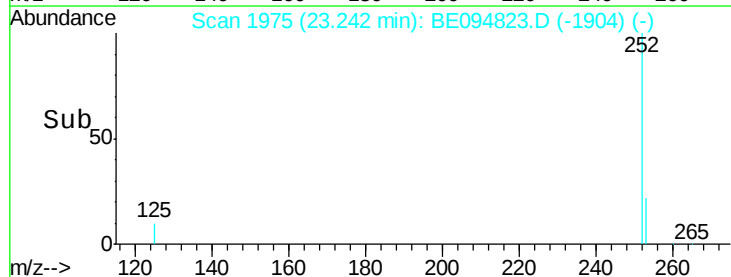
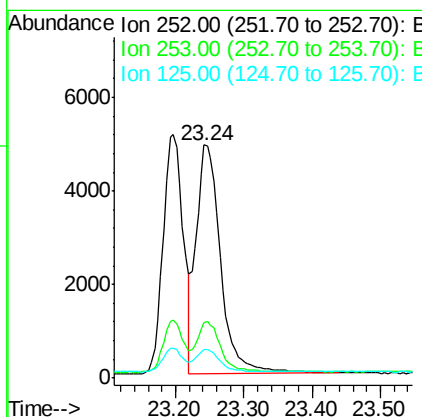
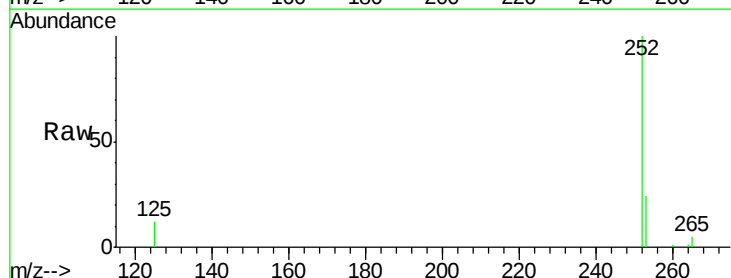
Instrument :
BNA_E
ClientSampleId :

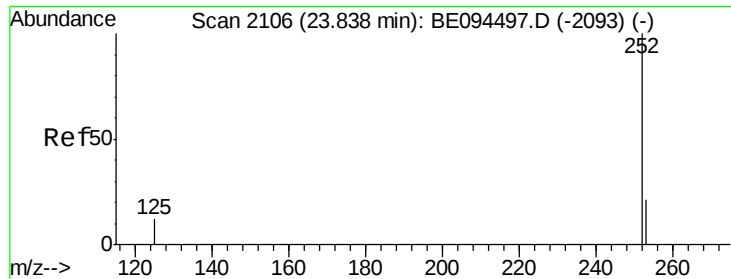
Tot Ion:252 Resp: 10459
Ion Ratio Lower Upper
252 100
253 24.1 48.0 72.0#
125 12.1 56.0 84.0#



#36
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 23.24 min Scan# 1975
Delta R.T. 0.02 min
Lab File: BE094823.D
Acq: 15 Nov 2017 20:12

Tgt Ion:252 Resp: 12218
Ion Ratio Lower Upper
252 100
253 23.8 48.0 72.0#
125 12.2 56.0 84.0#





#37

Benzo(a)pyrene

Concen: 0.38 ng

RT: 23.88 min Scan# 2114

Delta R.T. 0.04 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

Instrument :

BNA_E

ClientSampleId :

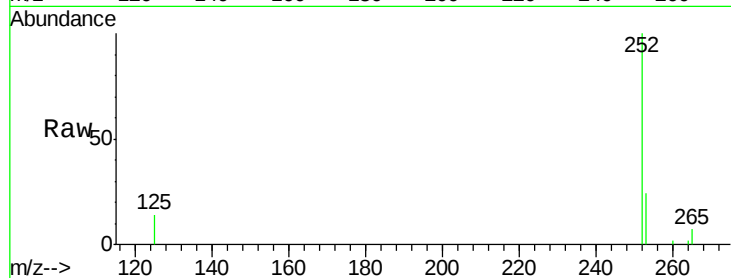
Tot Ion:252 Resp: 10639

Ion Ratio Lower Upper

252 100

253 24.3 52.0 78.0#

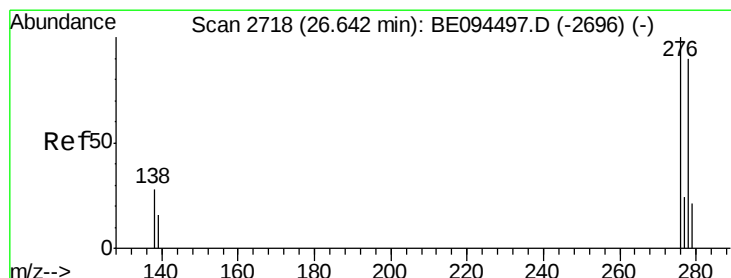
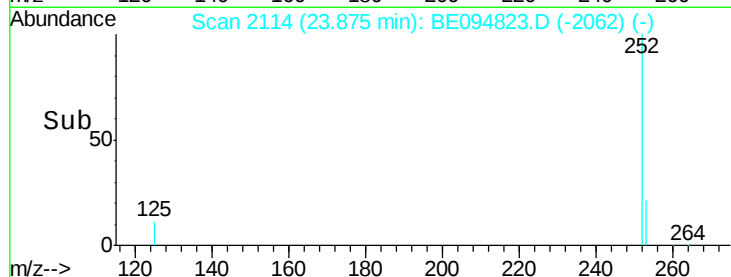
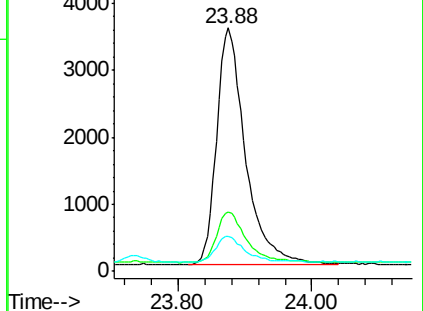
125 14.3 68.0 102.0#



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: 26.69 min Scan# 2729

Delta R.T. 0.05 min

Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

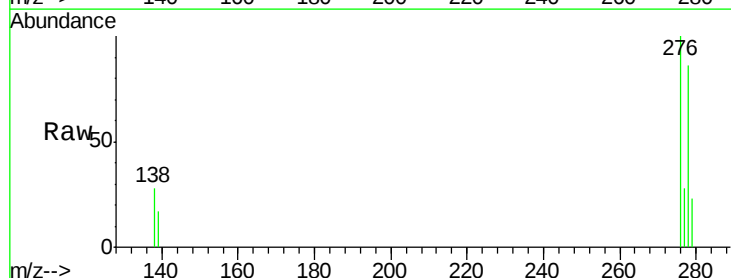
Tgt Ion:278 Resp: 9799

Ion Ratio Lower Upper

278 100

139 19.7 56.0 84.0#

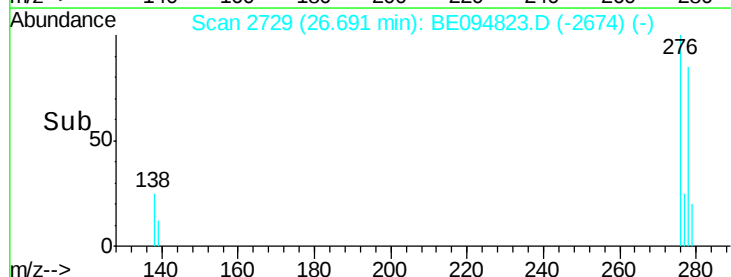
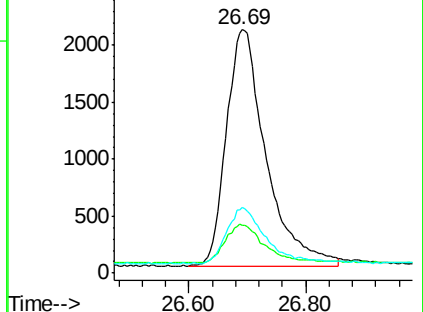
279 26.8 52.0 78.0#

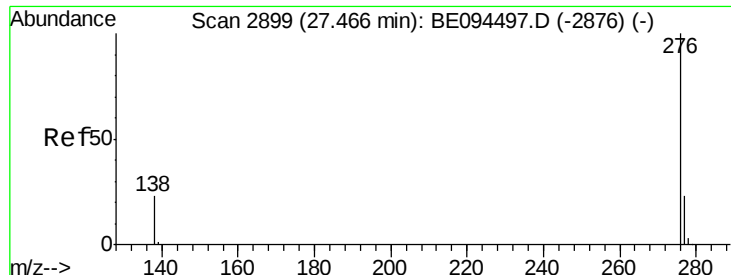


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.41 ng

RT: 27.54 min Scan# 2915

Delta R.T. 0.07 min

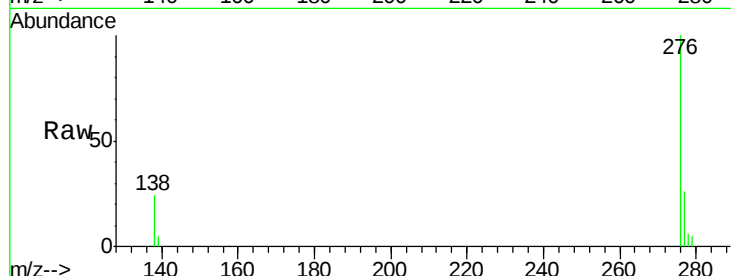
Lab File: BE094823.D

Acq: 15 Nov 2017 20:12

Instrument :

BNA_E

ClientSampleId :



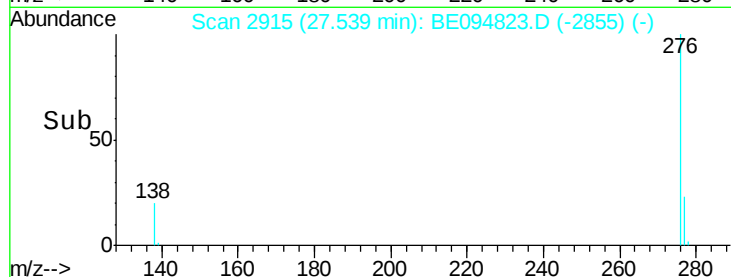
Tot Ion: 276 Resp: 9685

Ion Ratio Lower Upper

276 100

277 25.9 52.0 78.0#

138 24.0 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

