

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
 Data File : BE094448.D
 Acq On : 19 Oct 2017 15:20
 Operator : SJ/JU
 Sample : I5819-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3902-PP1

Quant Time: Oct 20 12:40:15 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 14:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1380	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	7070	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	4326	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	10852	0.40	ng	-0.03
27) Chrysene-d12	21.42	240	9935	0.40	ng	-0.01
34) Perylene-d12	23.94	264	9490	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.52	112	919	0.20	ng	0.00
5) Phenol-d6	7.14	99	784	0.11	ng	0.01
8) Nitrobenzene-d5	9.08	82	2843	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	5148	0.47	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	583	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7524	0.49	ng	0.00
25) Fluoranthene-d10	19.27	212	54849	0.31	ng	-0.02
29) Terphenyl-d14	19.86	244	11802	0.59	ng	0.00

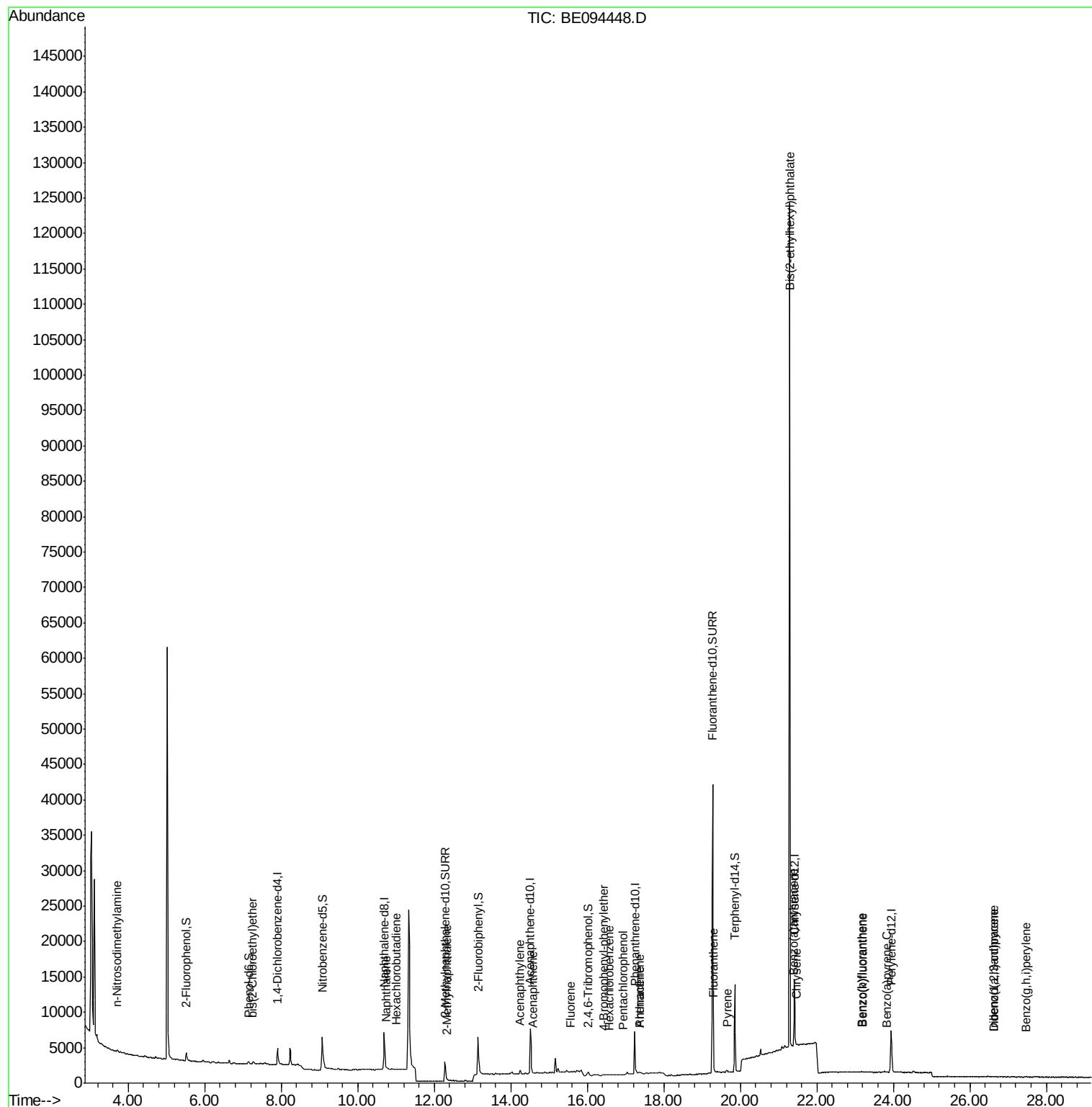
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	26	Below Cal		# 16
3) n-Nitrosodimethylamine	3.70	42	68	0.028	ng	# 1
6) bis(2-Chloroethyl)ether	7.25	93	629	0.117	ng	# 1
9) Naphthalene	10.74	128	361	0.005	ng	# 60
10) Hexachlorobutadiene	11.01	225	7	0.002	ng	# 26
12) 2-Methylnaphthalene	12.35	142	11	0.001	ng	# 45
16) Acenaphthylene	14.24	152	426	0.018	ng	# 69
17) Acenaphthene	14.57	154	16	0.001	ng	# 1
18) Fluorene	15.56	166	52	0.003	ng	# 57
20) 4-Bromophenyl-phenylether	16.42	248	4	0.001	ng	# 8
21) Hexachlorobenzene	16.58	284	8	0.028	ng	# 38
22) Pentachlorophenol	16.94	266	72	0.219	ng	# 99
23) Phenanthrene	17.37	178	898	0.021	ng	# 79
24) Anthracene	17.37	178	874	0.026	ng	# 72
26) Fluoranthene	19.30	202	188	0.004	ng	# 61
28) Pyrene	19.67	202	204	0.005	ng	# 77
30) Benzo(a)anthracene	21.40	228	185	0.005	ng	# 41
31) Chrysene	21.46	228	165	0.005	ng	# 36
32) Bis(2-ethylhexyl)phthalate	21.29	149	141526	1.430	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.62	276	51	0.002	ng	# 75
35) Benzo(b)fluoranthene	23.17	252	230	0.007	ng	# 37
36) Benzo(k)fluoranthene	23.21	252	112	0.004	ng	# 18
37) Benzo(a)pyrene	23.84	252	66	0.002	ng	# 18
38) Dibenzo(a,h)anthracene	26.62	278	22	0.001	ng	# 8
39) Benzo(g,h,i)perylene	27.46	276	128	0.005	ng	# 57

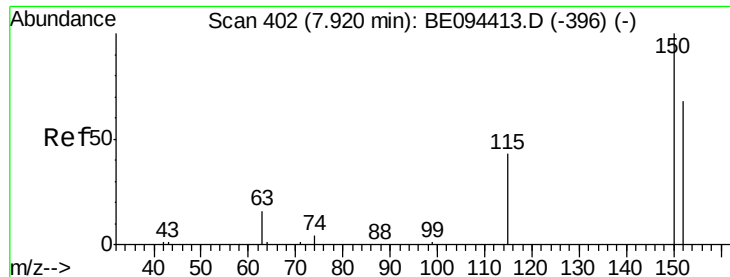
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
Data File : BE094448.D
Acq On : 19 Oct 2017 15:20
Operator : SJ/JU
Sample : I5819-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
3902-PP1

Quant Time: Oct 20 12:40:15 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 14:54:40 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.91 min Scan# 401

Delta R.T. -0.01 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

Instrument :

BNA_E

ClientSampleId :

3902-PP1

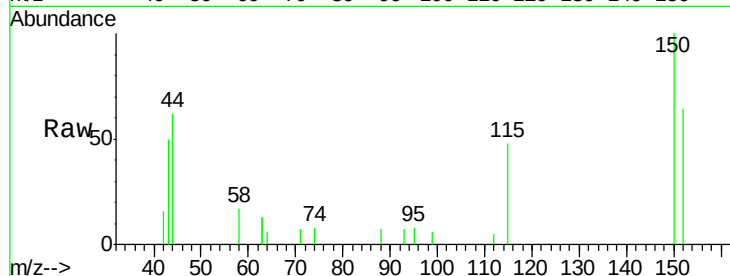
Tgt Ion: 152 Resp: 1380

Ion Ratio Lower Upper

152 100

150 155.8 117.2 175.8

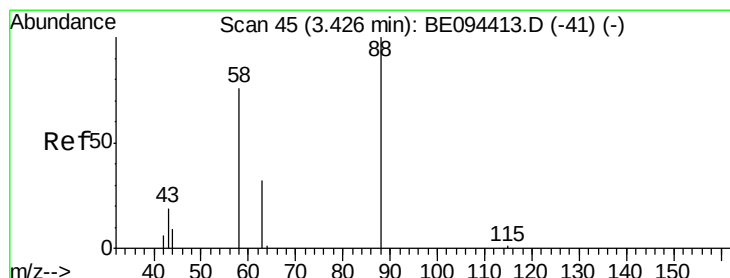
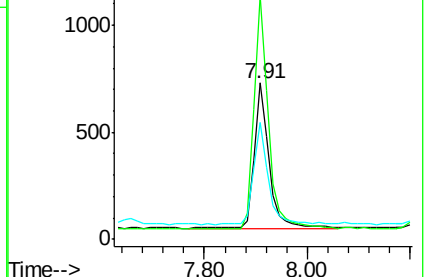
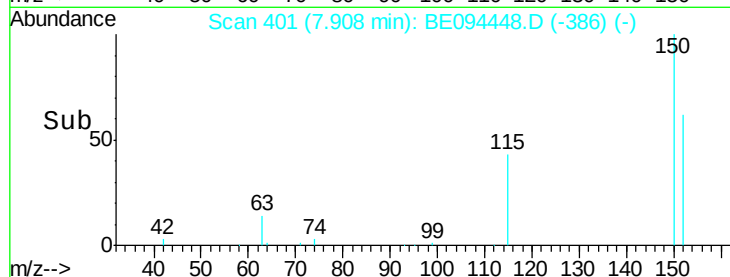
115 74.9 57.0 85.6



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: Below Cal

RT: 3.51 min Scan# 52

Delta R.T. 0.09 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

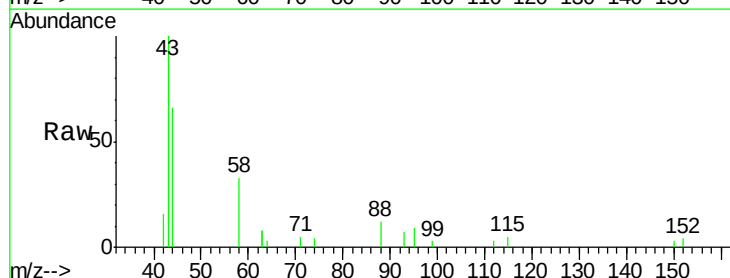
Tgt Ion: 88 Resp: 26

Ion Ratio Lower Upper

88 100

58 0.0 63.2 94.8#

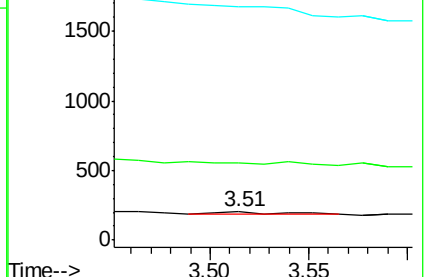
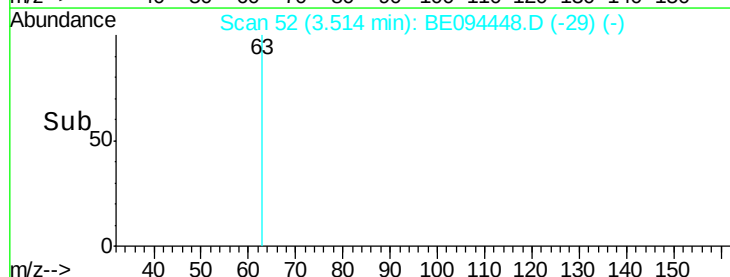
43 0.0 41.2 61.8#

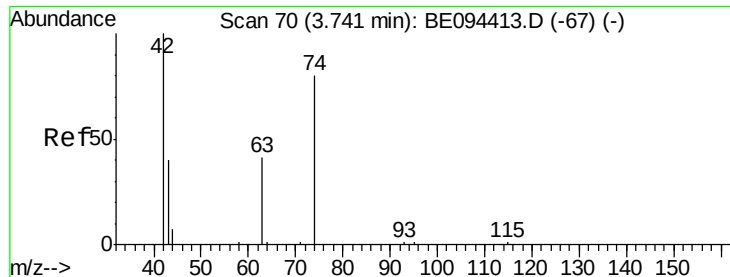


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.028 ng

RT: 3.70 min Scan# 67

Delta R.T. -0.04 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

Instrument :

BNA_E

ClientSampleId :

3902-PP1

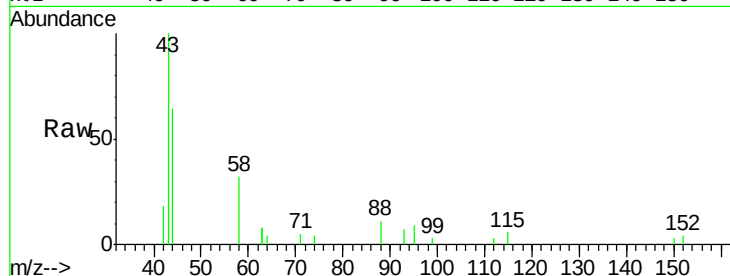
Tgt Ion: 42 Resp: 68

Ion Ratio Lower Upper

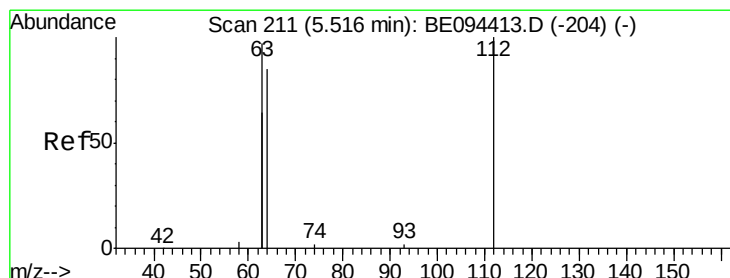
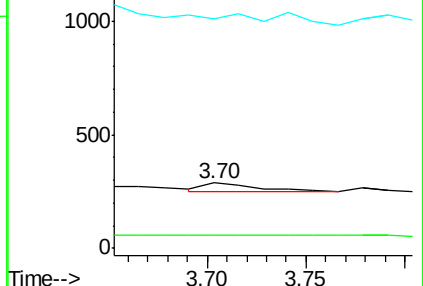
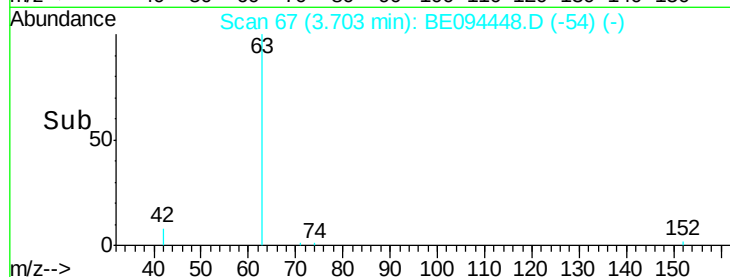
42 100

74 0.0 100.3 150.5#

44 0.0 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: 0.197 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

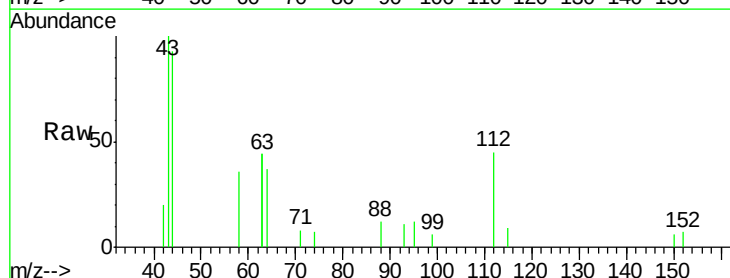
Tgt Ion: 112 Resp: 919

Ion Ratio Lower Upper

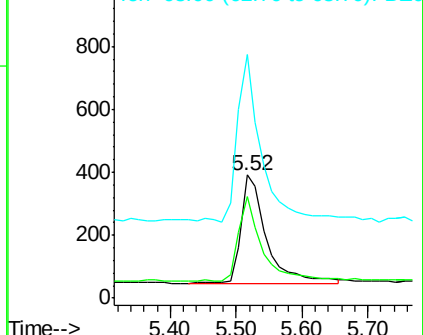
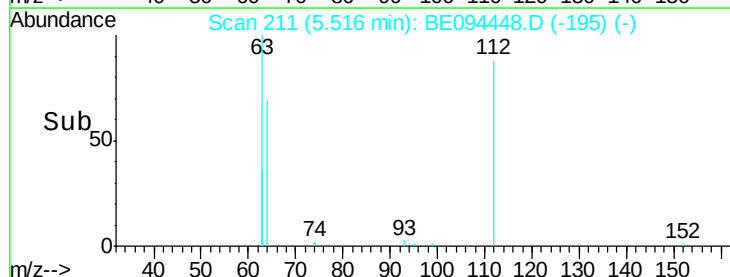
112 100

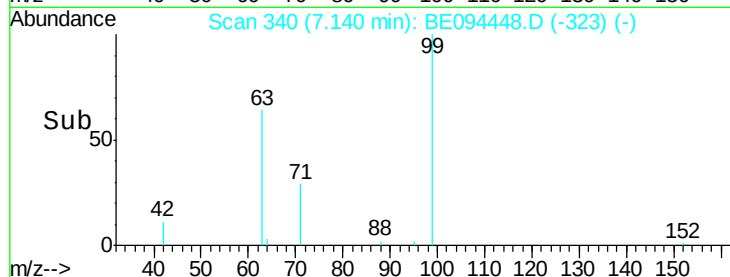
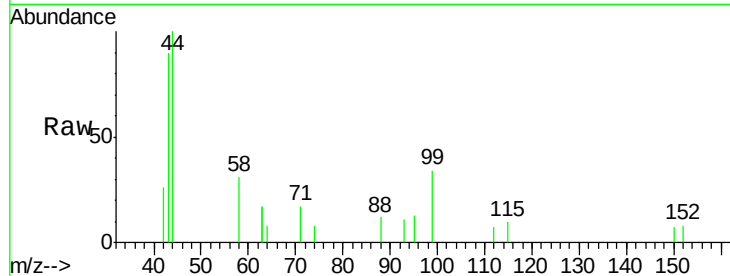
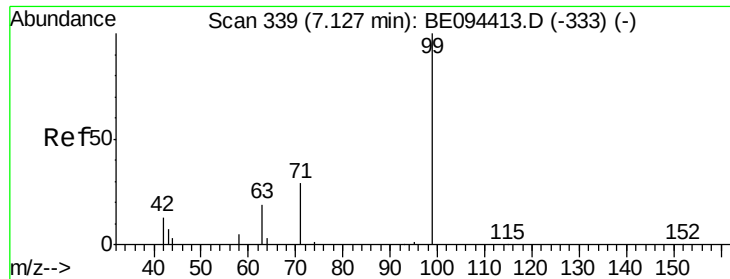
64 74.1 60.1 90.1

63 139.1 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.108 ng

RT: 7.14 min Scan# 340

Delta R.T. 0.01 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

Instrument :

BNA_E

ClientSampled :

3902-PP1

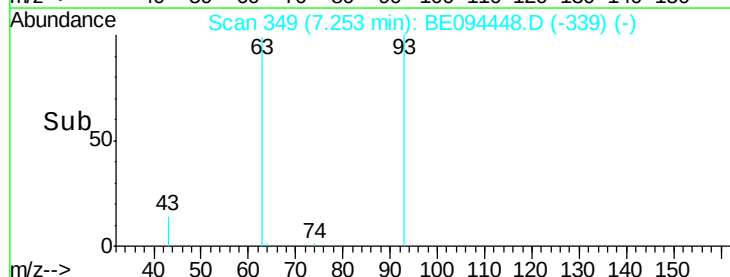
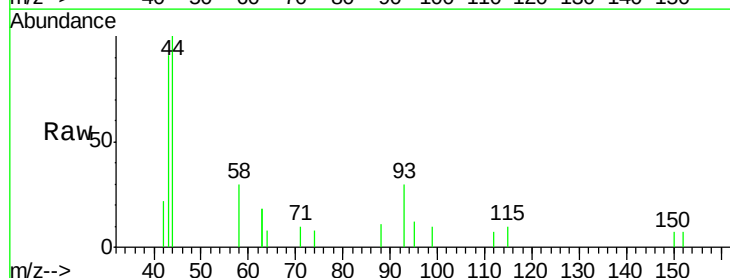
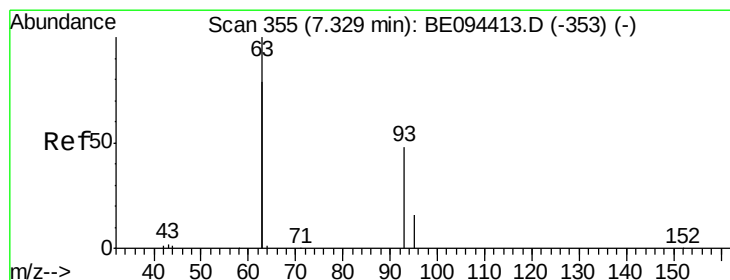
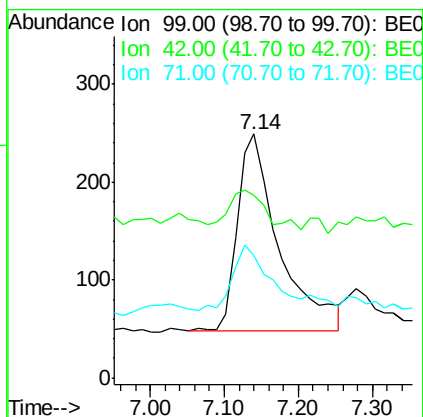
Tgt Ion: 99 Resp: 784

Ion Ratio Lower Upper

99 100

42 15.3 20.2 30.2#

71 29.3 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.117 ng

RT: 7.25 min Scan# 349

Delta R.T. -0.08 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

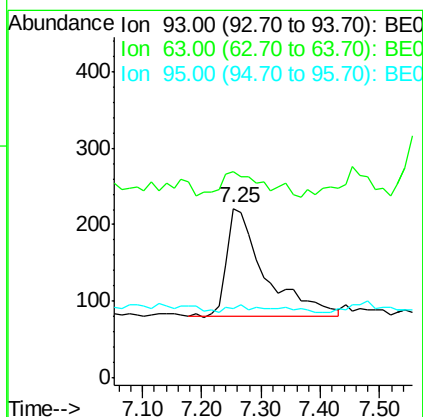
Tgt Ion: 93 Resp: 629

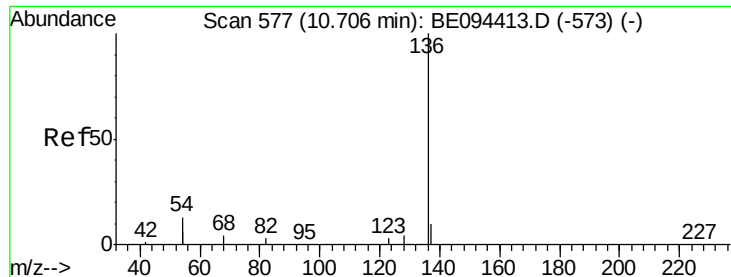
Ion Ratio Lower Upper

93 100

63 14.9 275.3 412.9#

95 4.5 25.2 37.8#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

Instrument :

BNA_E

ClientSampleId :

3902-PP1

Tgt Ion: 136 Resp: 7070

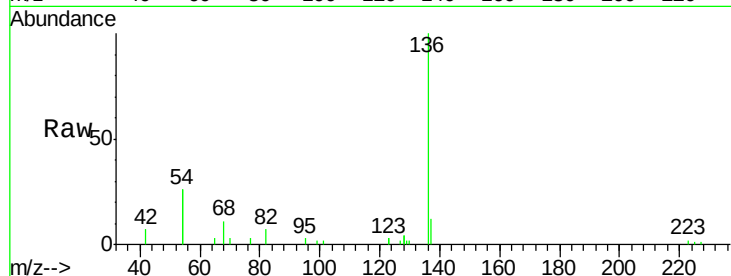
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 52.5 29.1 43.7#

68 10.5 6.2 9.2#

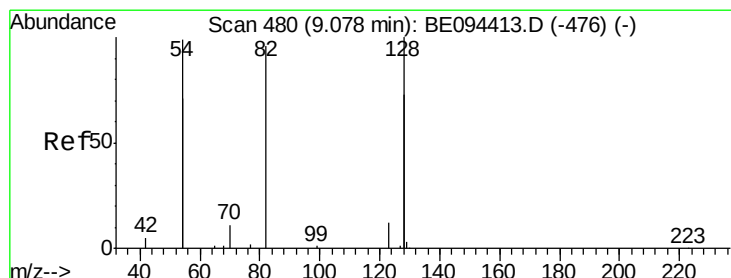
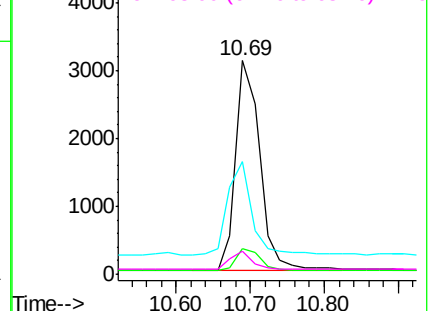
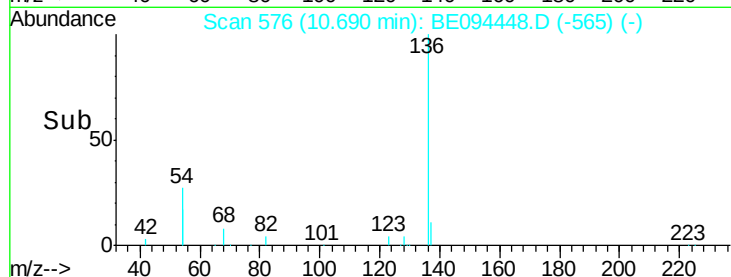


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.463 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

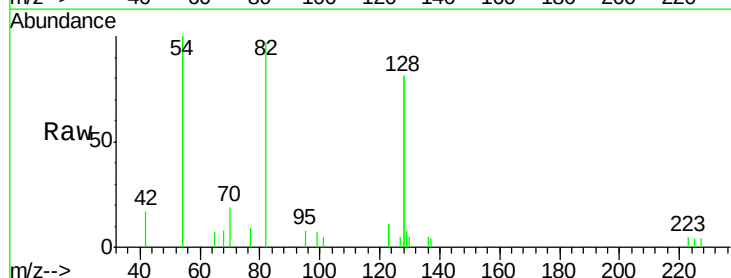
Tgt Ion: 82 Resp: 2843

Ion Ratio Lower Upper

82 100

128 167.6 150.0 225.0

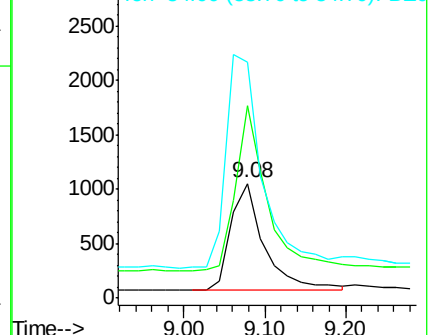
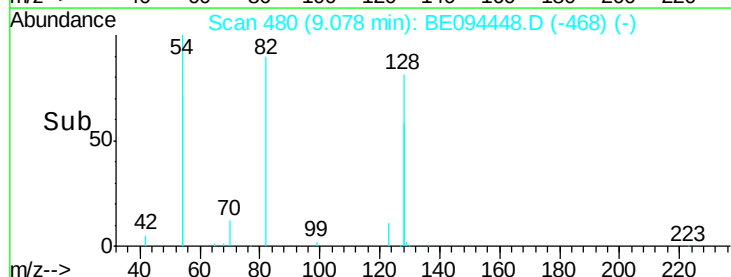
54 206.1 154.2 231.4

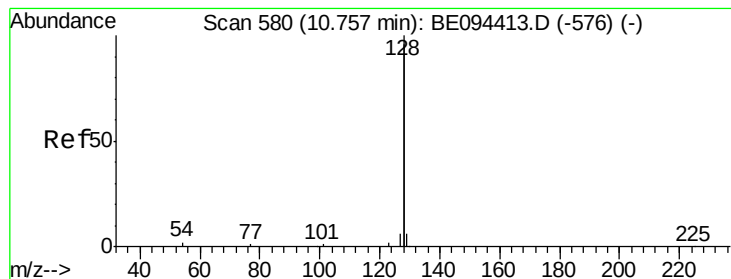


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.005 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.02 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

Instrument :

BNA_E

ClientSampleId :

3902-PP1

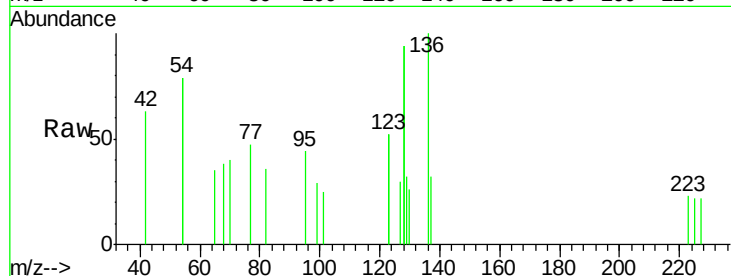
Tgt Ion:128 Resp: 361

Ion Ratio Lower Upper

128 100

129 17.2 2.6 3.8#

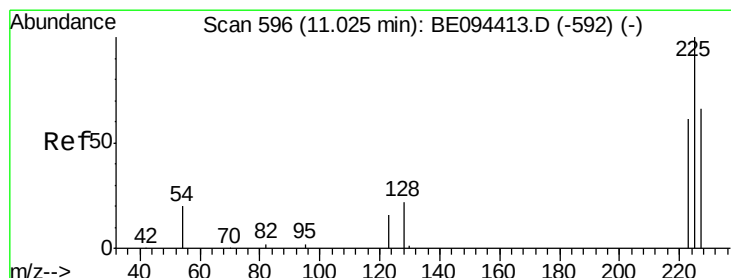
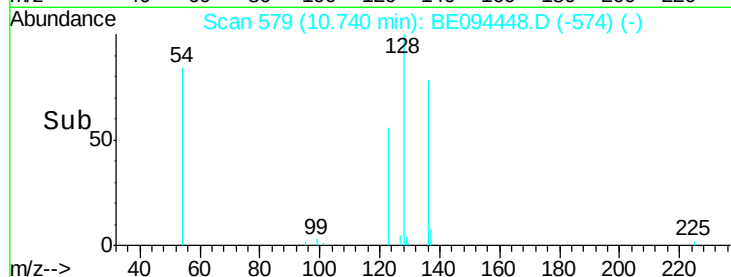
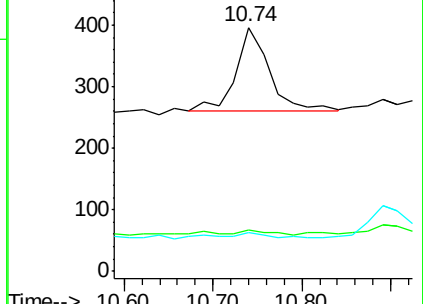
127 15.9 2.8 4.2#



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: 0.002 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.02 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

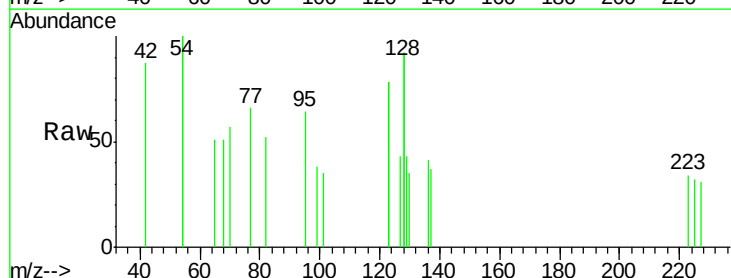
Tgt Ion:225 Resp: 7

Ion Ratio Lower Upper

225 100

223 0.0 53.0 79.6#

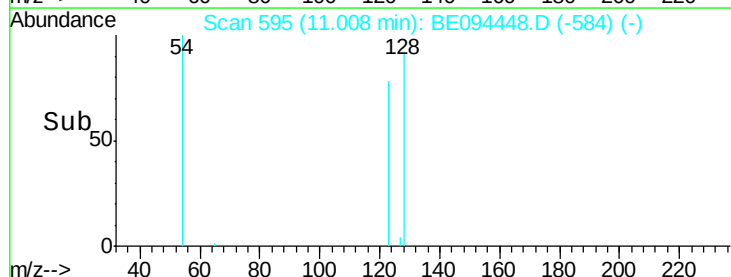
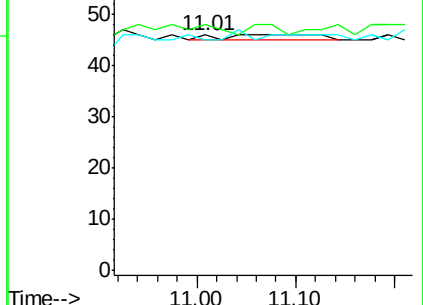
227 14.3 51.4 77.2#

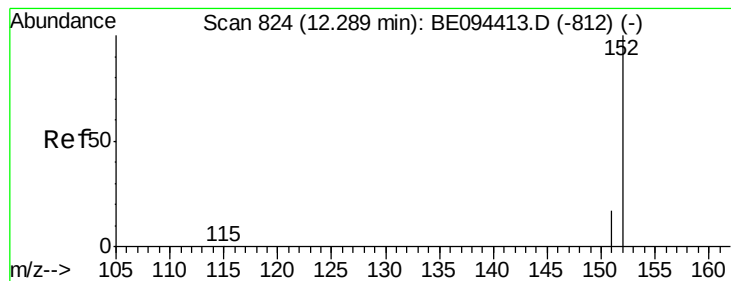


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.472 ng

RT: 12.28 min Scan# 822

Delta R.T. -0.01 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

Instrument :

BNA_E

ClientSampleId :

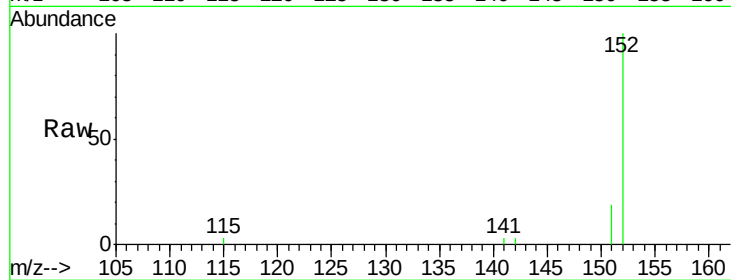
3902-PP1

Tgt Ion:152 Resp: 5148

Ion Ratio Lower Upper

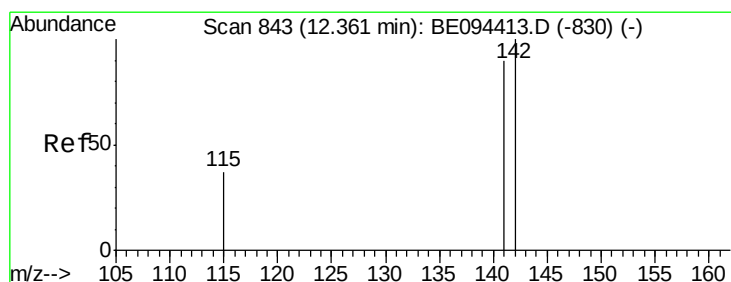
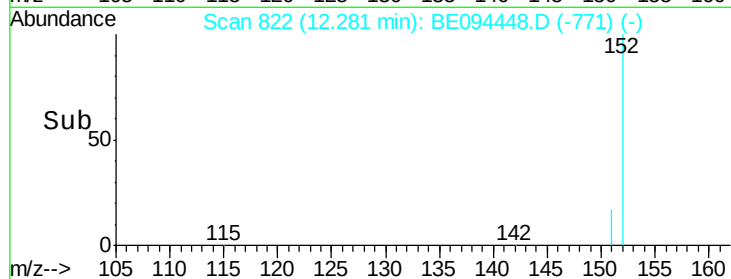
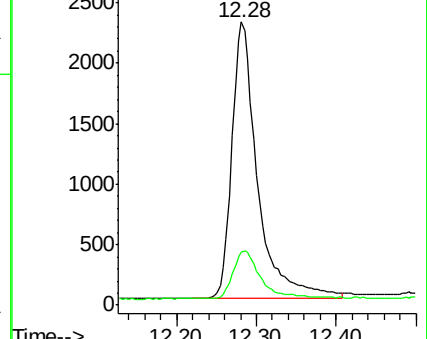
152 100

151 19.1 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: 0.001 ng

RT: 12.35 min Scan# 840

Delta R.T. -0.01 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

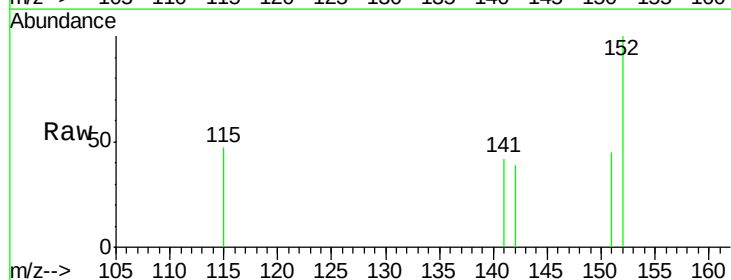
Tgt Ion:142 Resp: 11

Ion Ratio Lower Upper

142 100

141 107.5 70.4 105.6#

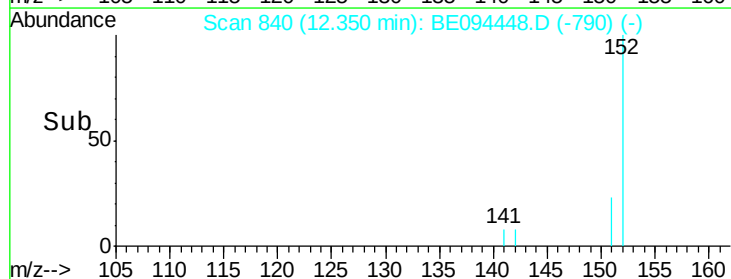
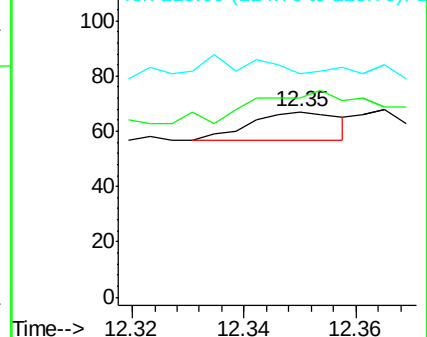
115 120.9 31.7 47.5#

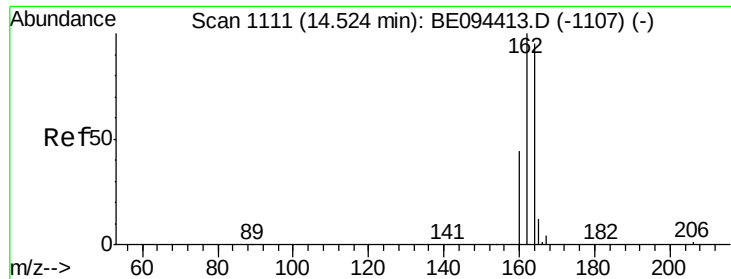


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.51 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

Instrument :

BNA_E

ClientSampleId :

3902-PP1

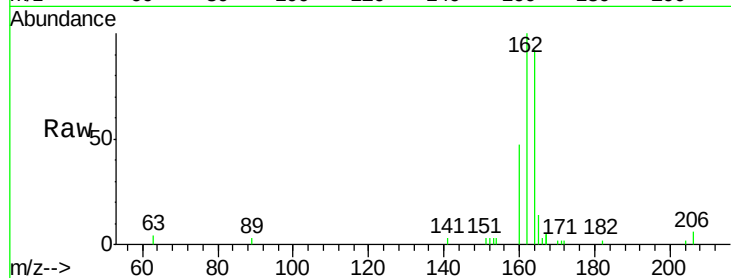
Tgt Ion:164 Resp: 4326

Ion Ratio Lower Upper

164 100

162 108.5 83.1 124.7

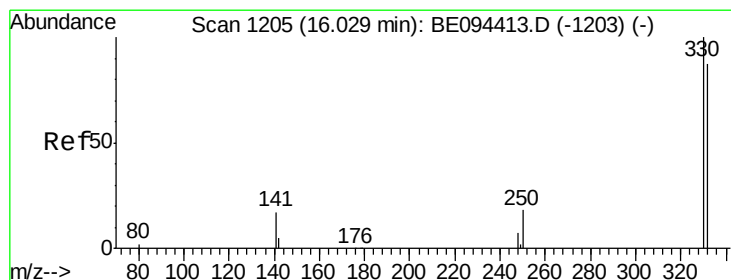
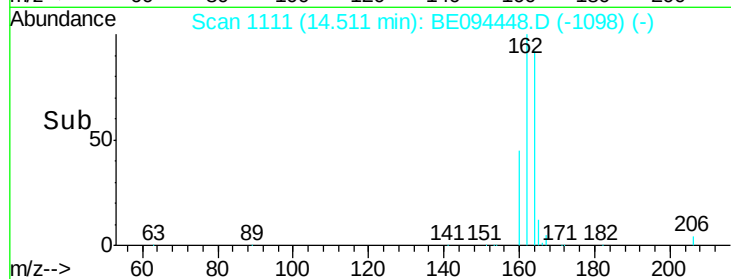
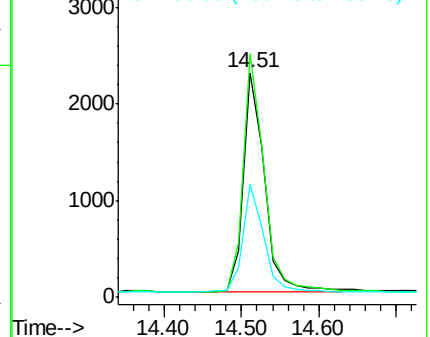
160 50.5 37.1 55.7



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: 0.354 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

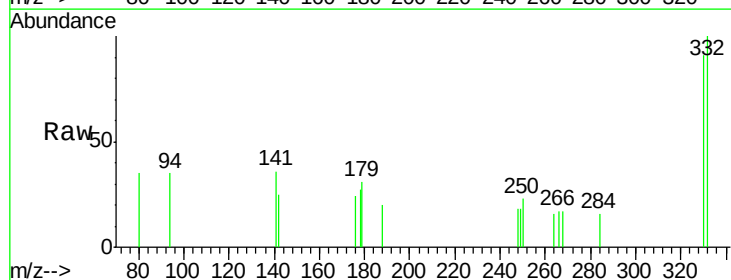
Tgt Ion:330 Resp: 583

Ion Ratio Lower Upper

330 100

332 102.9 152.7 229.1#

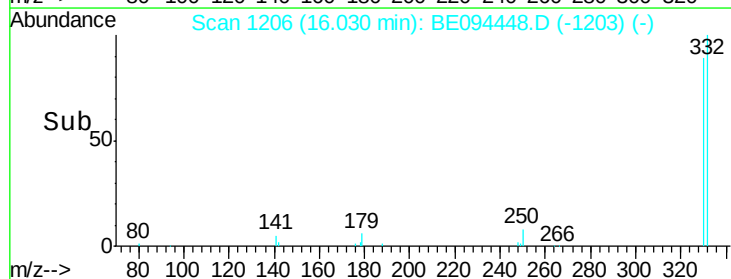
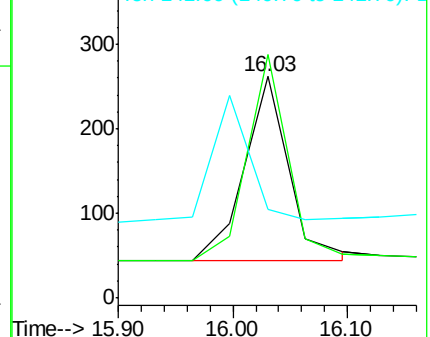
141 0.0 33.7 50.5#

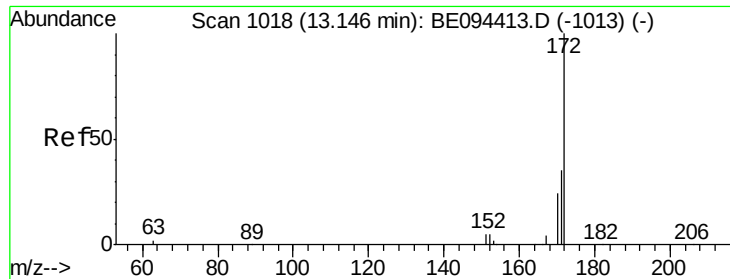


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

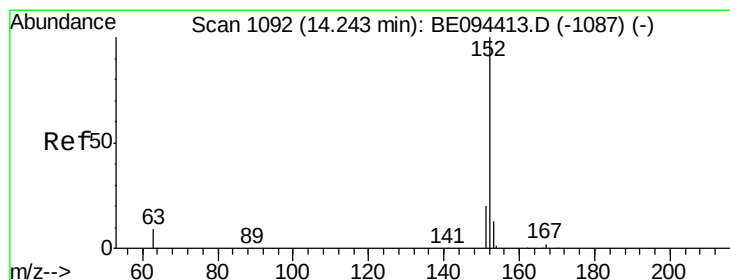
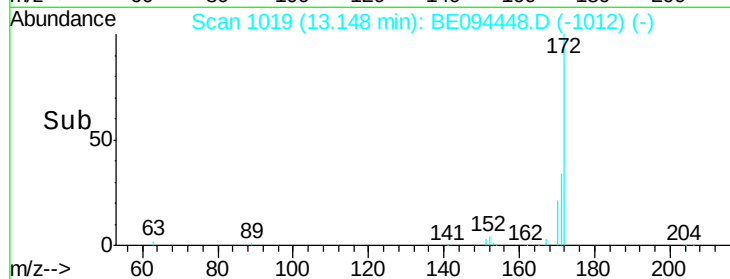
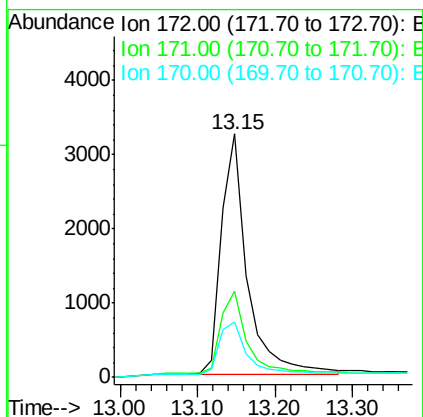
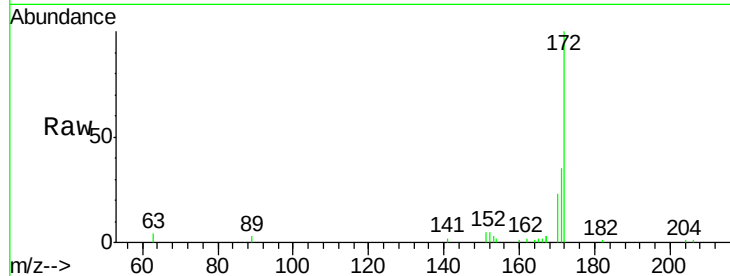




#15
2-Fluorobiphenyl
Concen: 0.487 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE094448.D
Acq: 19 Oct 2017 15:20

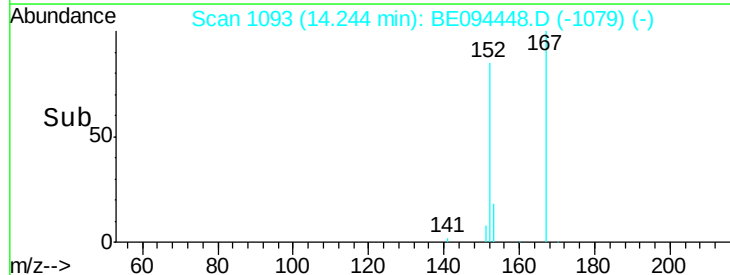
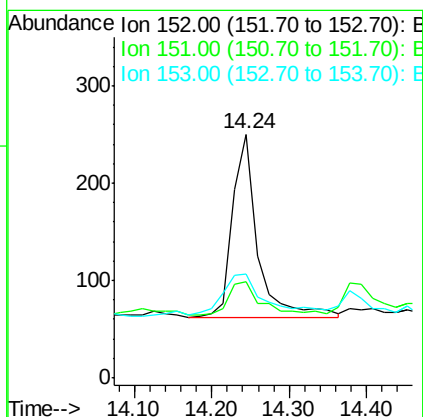
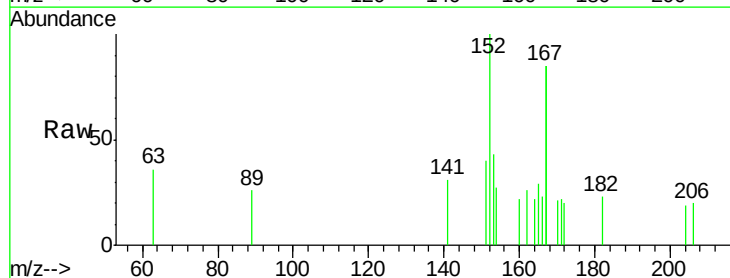
Instrument :
BNA_E
ClientSampleId :
3902-PP1

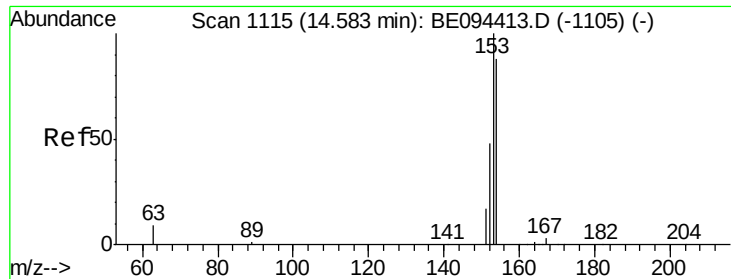
Tgt Ion:172 Resp: 7524
Ion Ratio Lower Upper
172 100
171 35.2 29.9 44.9
170 22.5 21.8 32.8



#16
Acenaphthylene
Concen: 0.018 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094448.D
Acq: 19 Oct 2017 15:20

Tgt Ion:152 Resp: 426
Ion Ratio Lower Upper
152 100
151 23.2 15.7 23.5
153 38.7 10.5 15.7#





#17

Acenaphthene

Concen: 0.001 ng

RT: 14.57 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

Instrument :

BNA_E

ClientSampleId :

3902-PP1

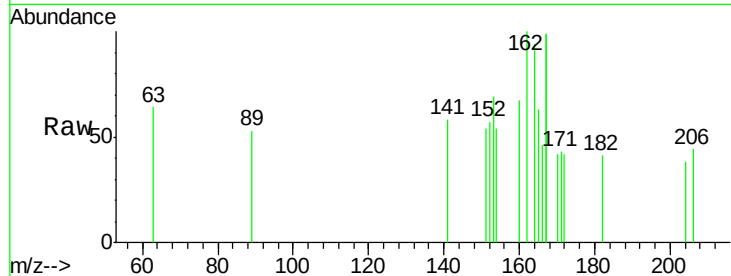
Tgt Ion:154 Resp: 16

Ion Ratio Lower Upper

154 100

153 275.0 89.2 133.8#

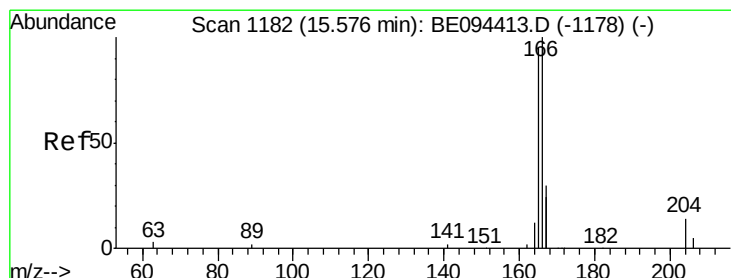
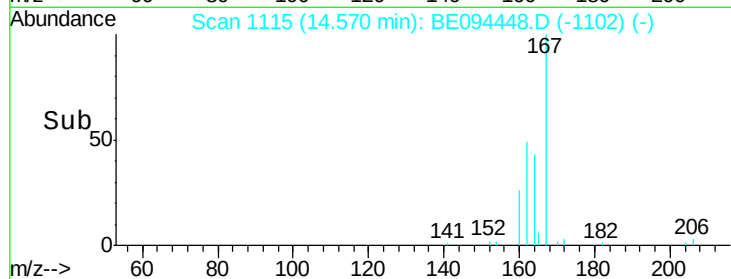
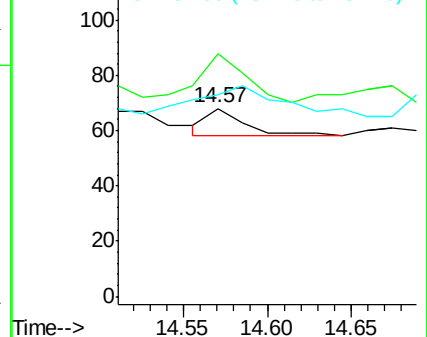
152 275.0 42.0 63.0#



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: 0.003 ng

RT: 15.56 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

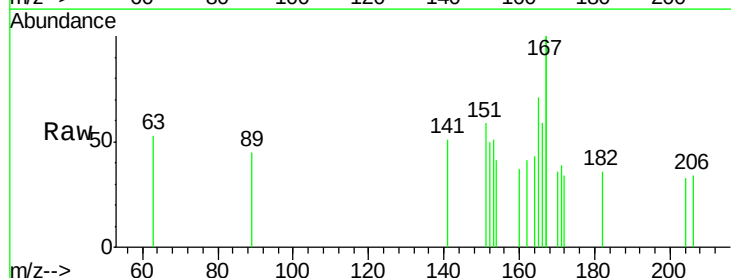
Tgt Ion:166 Resp: 52

Ion Ratio Lower Upper

166 100

165 123.1 77.8 116.6#

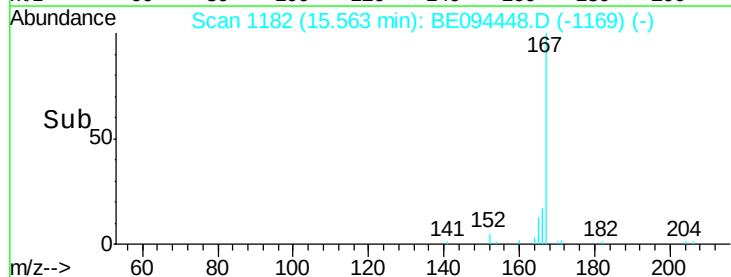
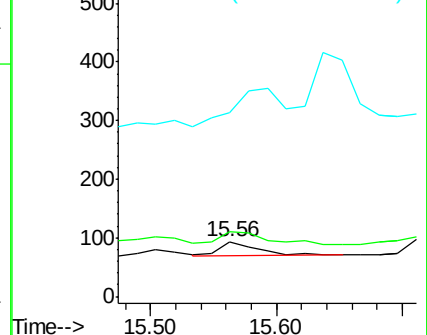
167 0.0 42.4 63.6#

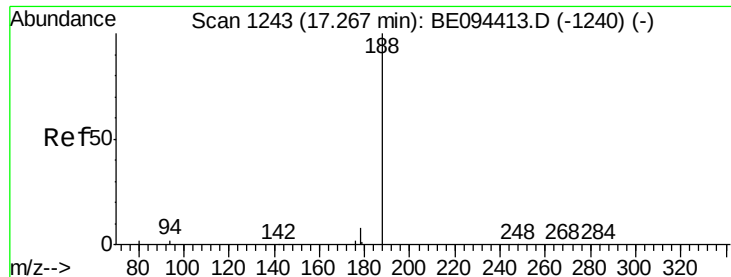


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.24 min Scan# 1243

Delta R.T. -0.03 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

Instrument :

BNA_E

ClientSampleId :

3902-PP1

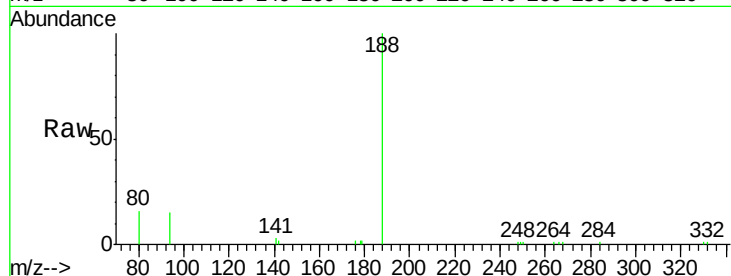
Tgt Ion:188 Resp: 10852

Ion Ratio Lower Upper

188 100

94 14.8 3.9 5.9#

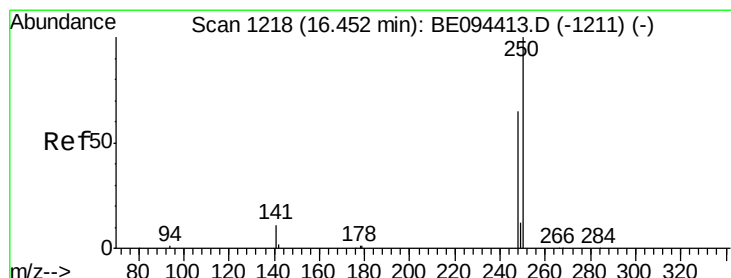
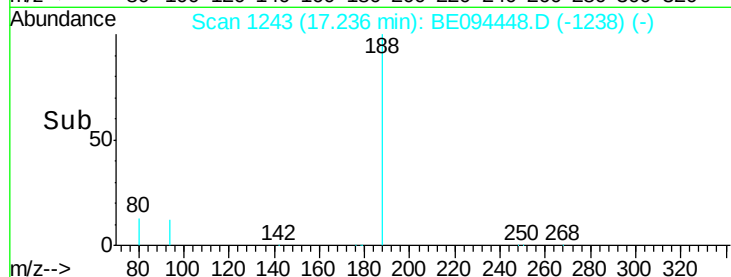
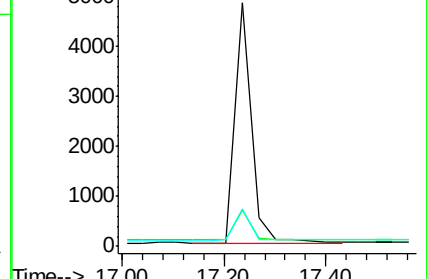
80 15.6 3.6 5.4#



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: 0.001 ng

RT: 16.42 min Scan# 1218

Delta R.T. -0.03 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

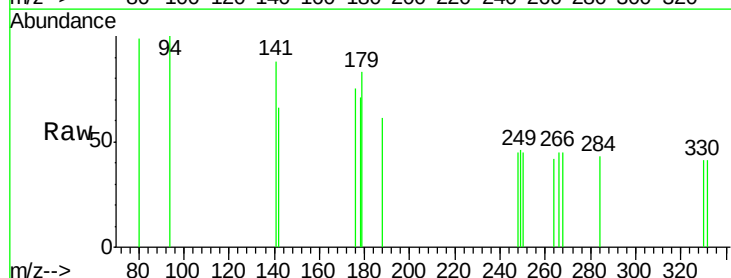
Tgt Ion:248 Resp: 4

Ion Ratio Lower Upper

248 100

250 100.0 62.7 94.1#

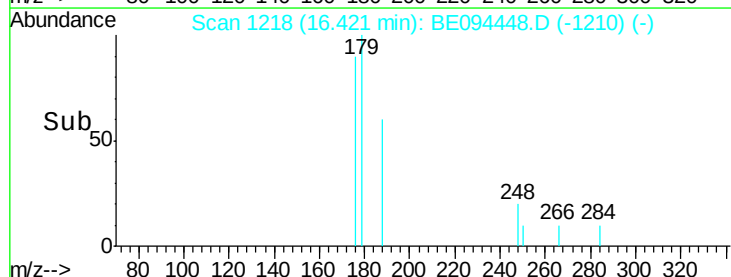
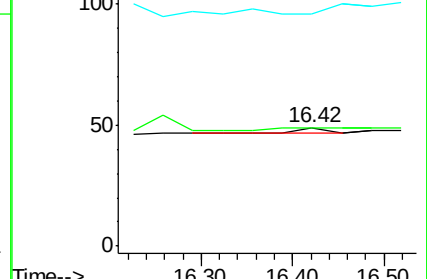
141 195.9 48.2 72.2#

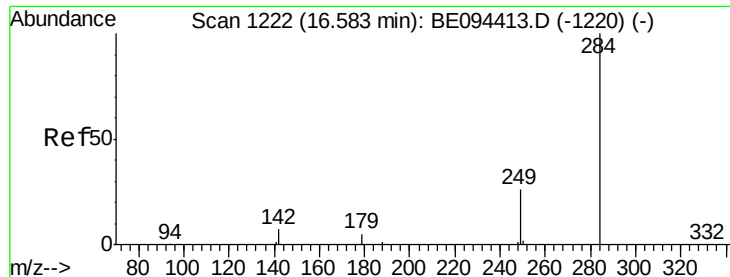


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.028 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

Instrument :

BNA_E

ClientSampleId :

3902-PP1

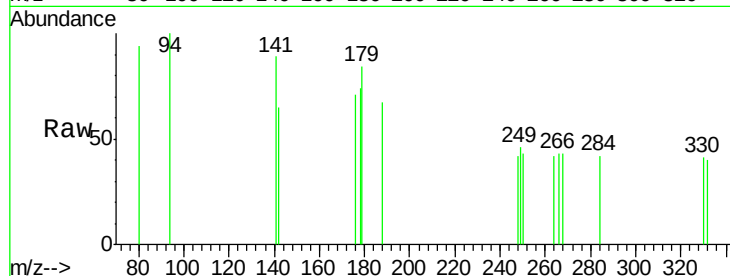
Tgt Ion:284 Resp: 8

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

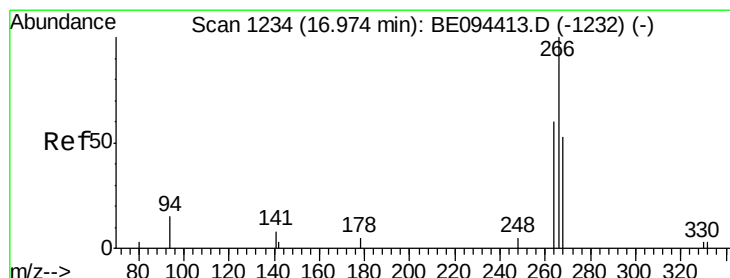
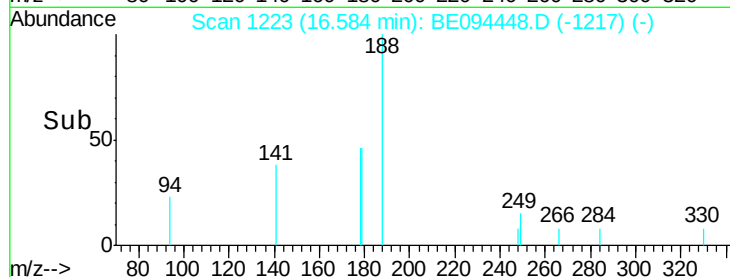
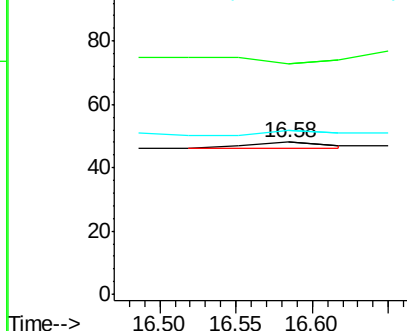
249 0.0 34.8 52.2#



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: 0.219 ng

RT: 16.94 min Scan# 1234

Delta R.T. -0.03 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

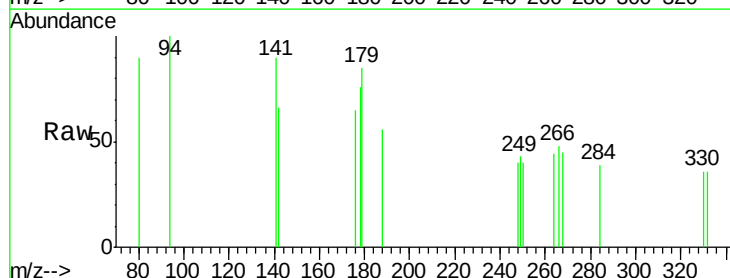
Tgt Ion:266 Resp: 72

Ion Ratio Lower Upper

266 100

264 90.0 72.5 108.7

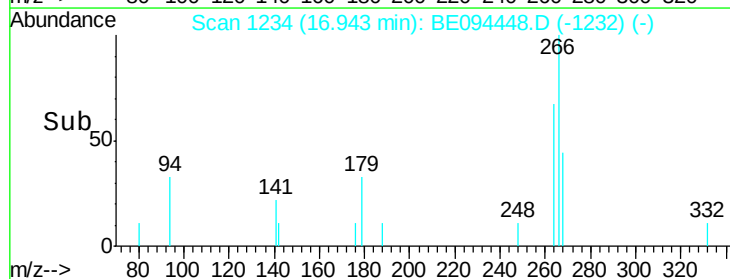
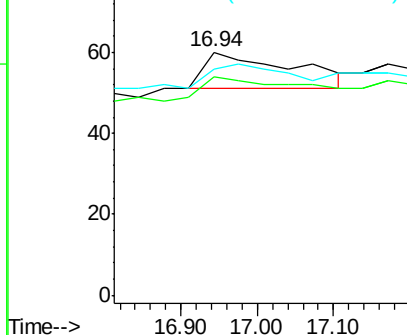
268 93.3 73.8 110.6

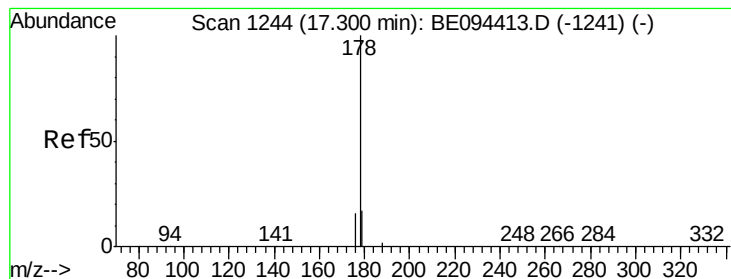


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.021 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.07 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

Instrument :

BNA_E

ClientSampleId :

3902-PP1

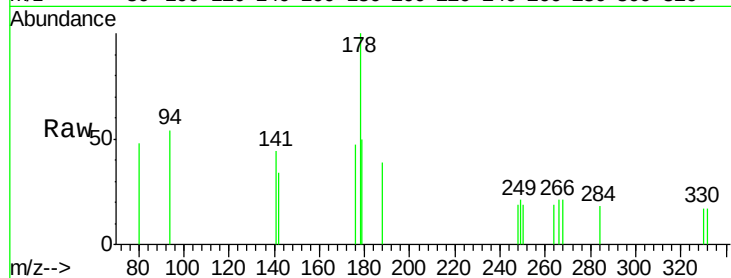
Tgt Ion:178 Resp: 898

Ion Ratio Lower Upper

178 100

176 23.1 15.1 22.7#

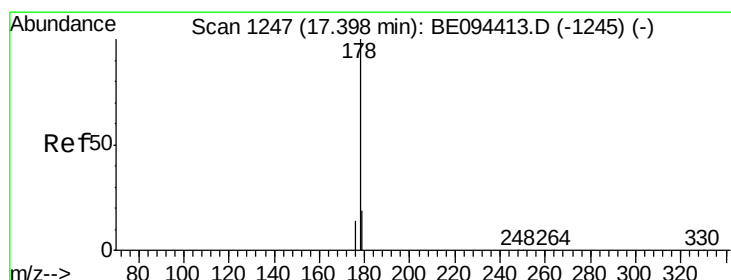
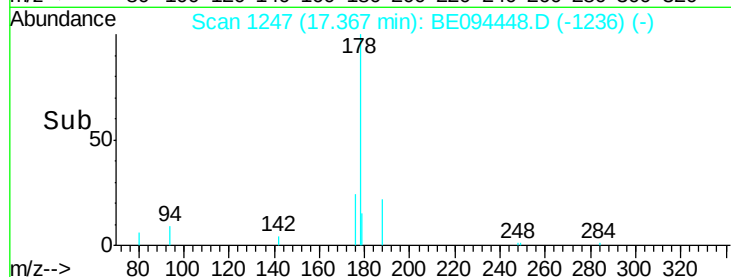
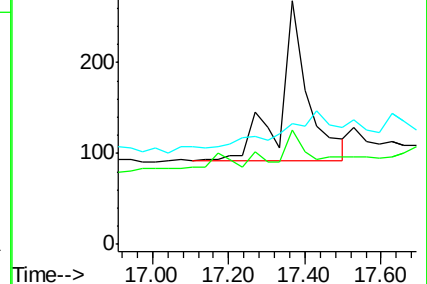
179 0.0 11.8 17.6#



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: 0.026 ng

RT: 17.37 min Scan# 1247

Delta R.T. -0.03 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

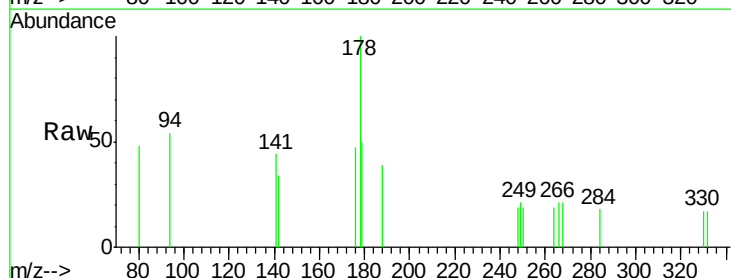
Tgt Ion:178 Resp: 874

Ion Ratio Lower Upper

178 100

176 23.7 12.8 19.2#

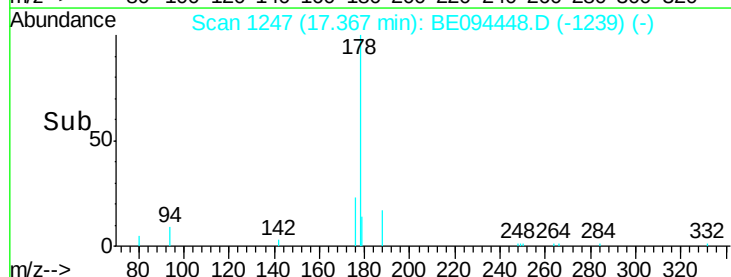
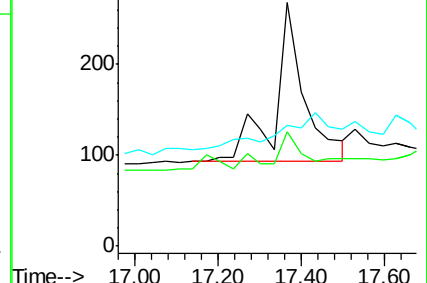
179 0.0 13.0 19.6#

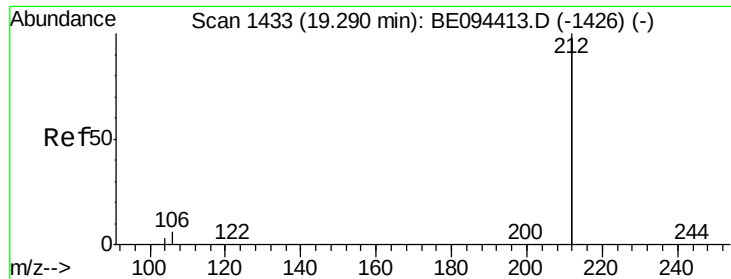


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

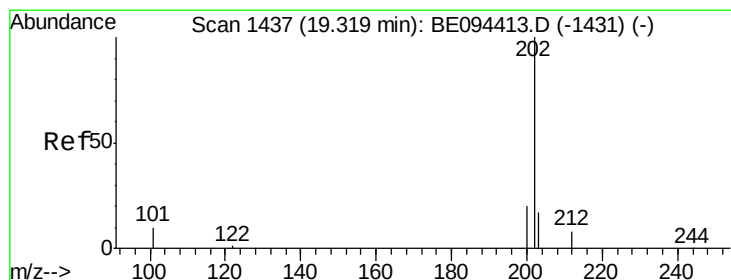
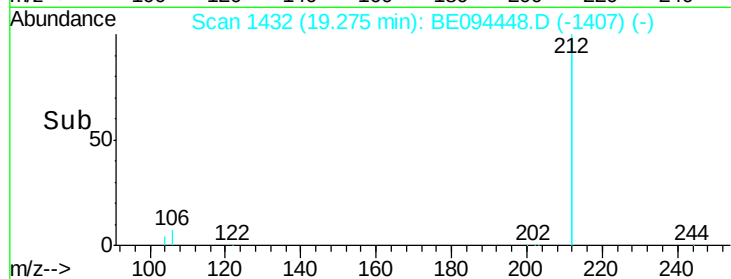
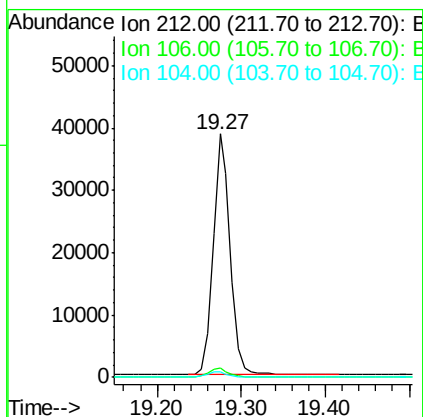
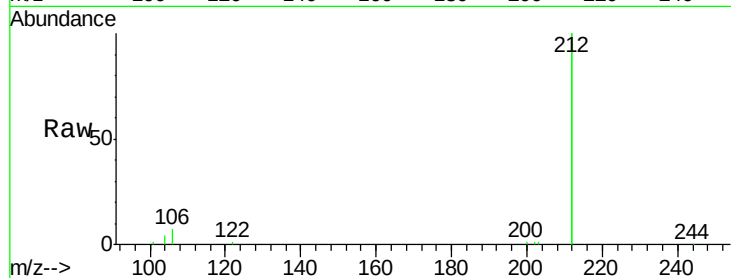




#25
 Fluoranthene-d10
 Concen: 0.314 ng
 RT: 19.27 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BE094448.D
 Acq: 19 Oct 2017 15:20

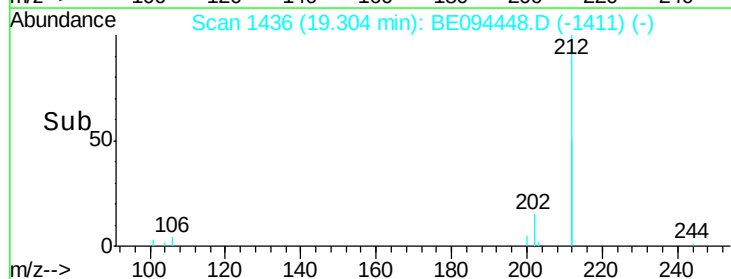
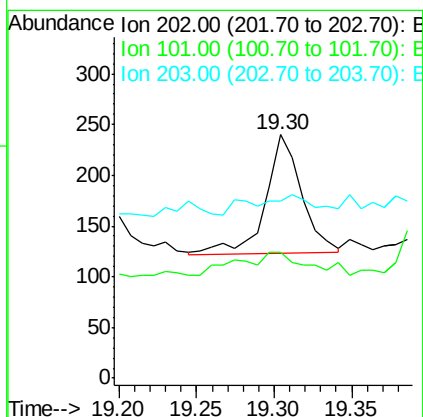
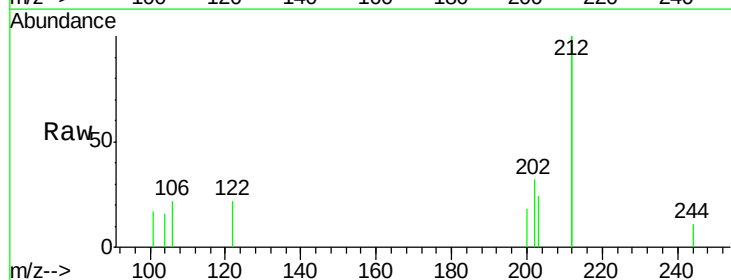
Instrument :
 BNA_E
 ClientSampleId :
 3902-PP1

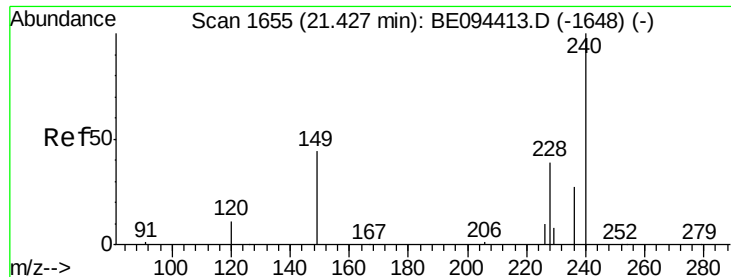
Tgt Ion: 212 Resp: 54849
 Ion Ratio Lower Upper
 212 100
 106 3.6 2.8 4.2
 104 2.1 1.6 2.4



#26
 Fluoranthene
 Concen: 0.004 ng
 RT: 19.30 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BE094448.D
 Acq: 19 Oct 2017 15:20

Tgt Ion: 202 Resp: 188
 Ion Ratio Lower Upper
 202 100
 101 40.4 9.8 14.8#
 203 10.1 13.7 20.5#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

Instrument :

BNA_E

ClientSampleId :

3902-PP1

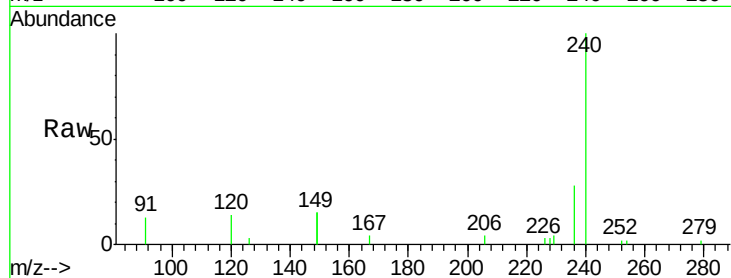
Tgt Ion:240 Resp: 9935

Ion Ratio Lower Upper

240 100

120 13.9 5.5 8.3#

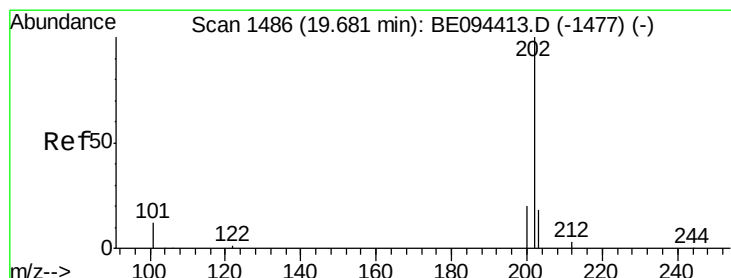
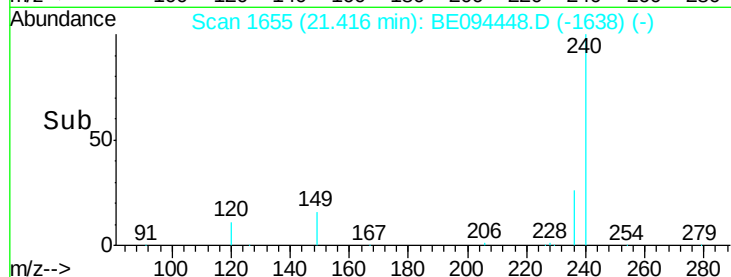
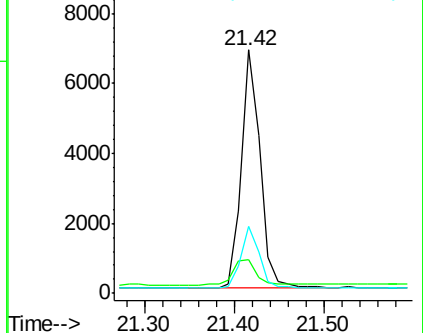
236 27.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.005 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.02 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

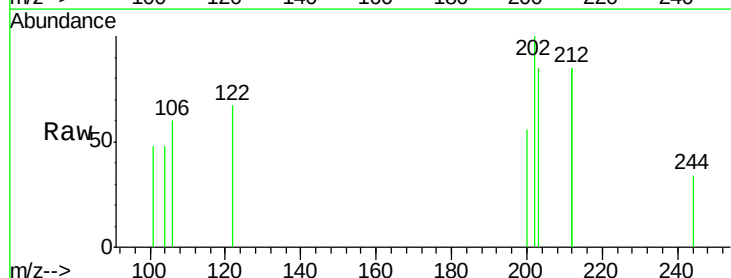
Tgt Ion:202 Resp: 204

Ion Ratio Lower Upper

202 100

200 27.9 16.6 25.0#

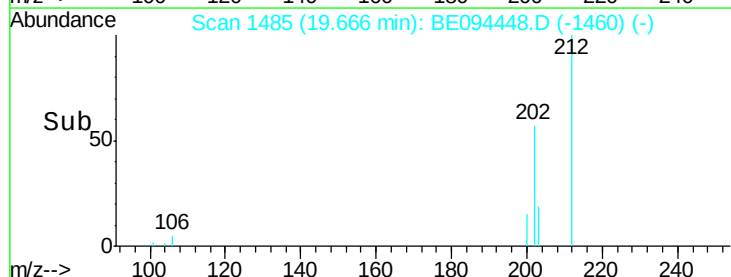
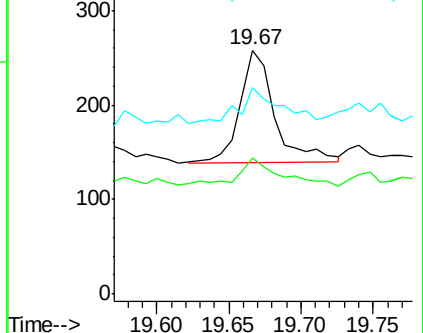
203 31.4 13.8 20.8#

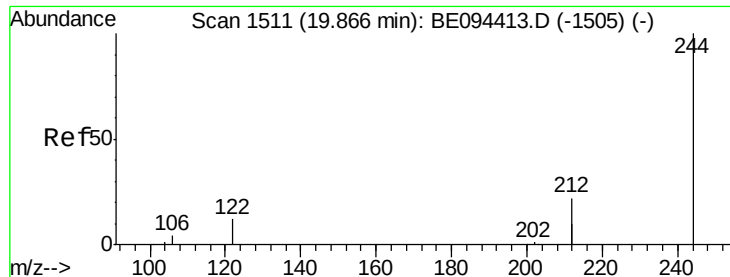


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.589 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

Instrument :

BNA_E

ClientSampleId :

3902-PP1

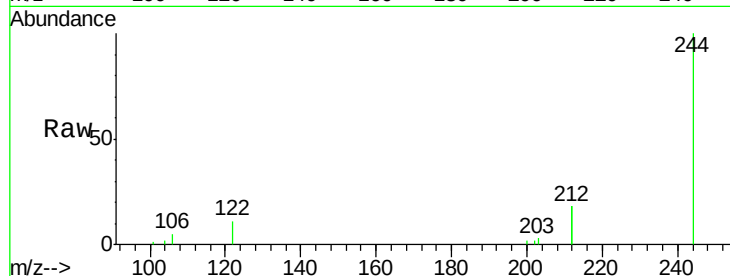
Tgt Ion:244 Resp: 11802

Ion Ratio Lower Upper

244 100

212 35.6 25.4 38.0

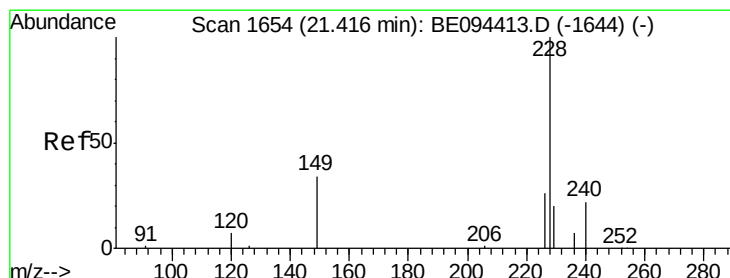
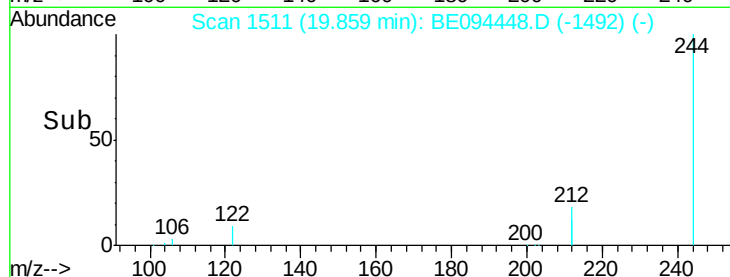
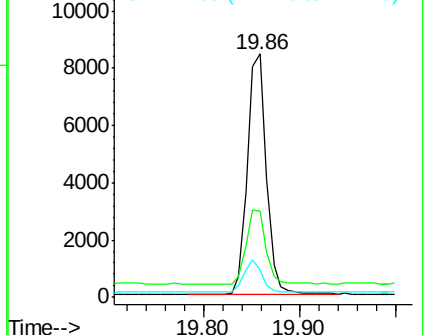
122 11.3 8.1 12.1



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: 0.005 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

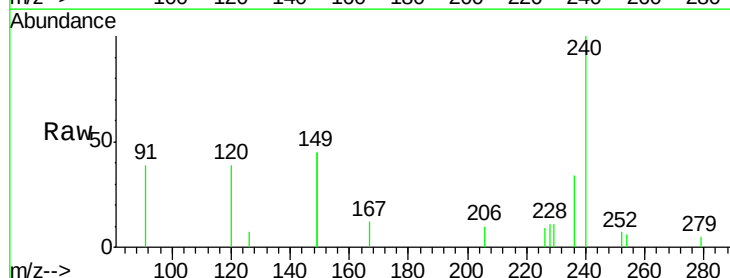
Tgt Ion:228 Resp: 185

Ion Ratio Lower Upper

228 100

226 80.5 40.0 60.0#

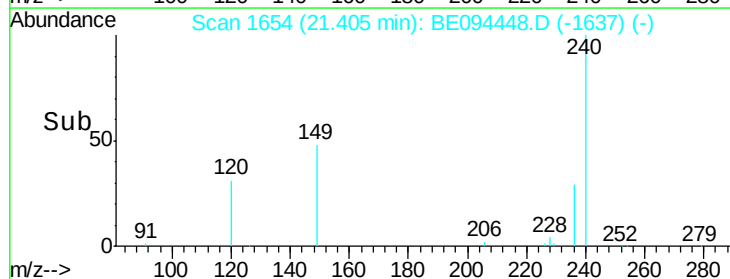
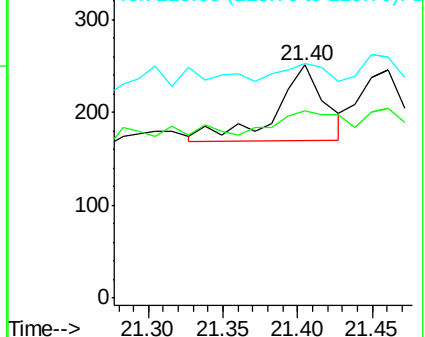
229 100.4 40.0 60.0#

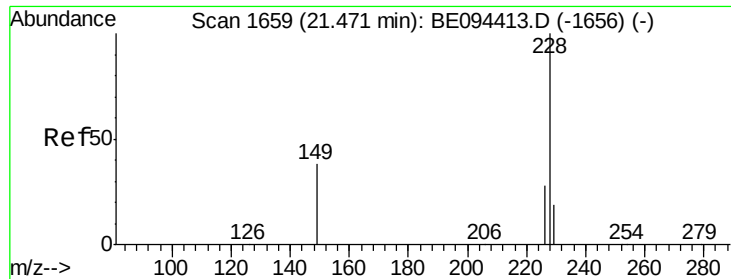


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.005 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

Instrument :

BNA_E

ClientSampleId :

3902-PP1

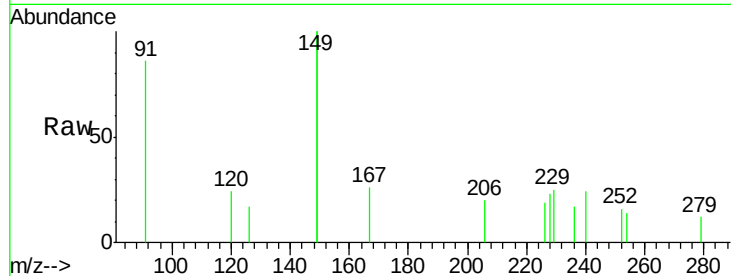
Tgt Ion: 228 Resp: 165

Ion Ratio Lower Upper

228 100

226 82.9 40.0 60.0#

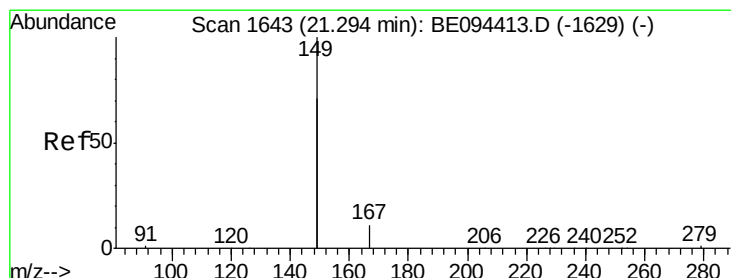
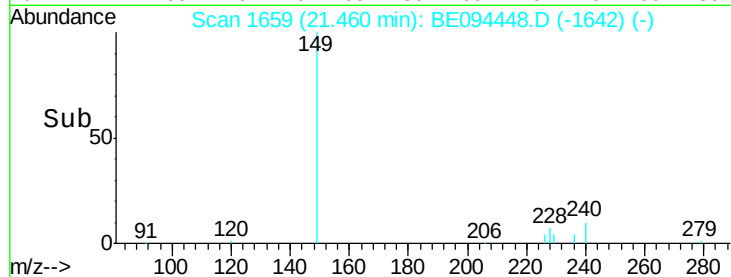
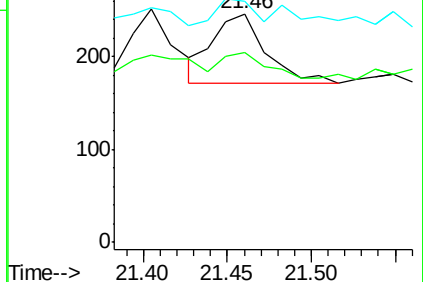
229 105.7 40.0 60.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.430 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

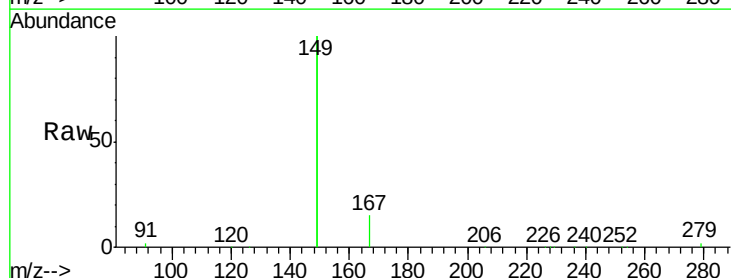
Tgt Ion: 149 Resp: 141526

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

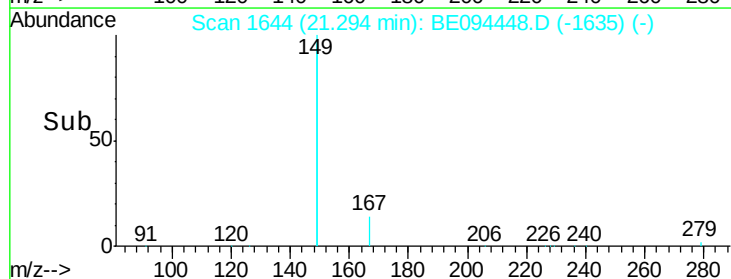
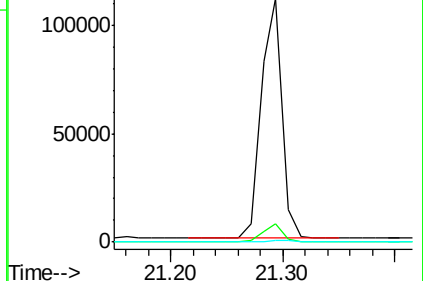
279 0.8 0.7 1.1

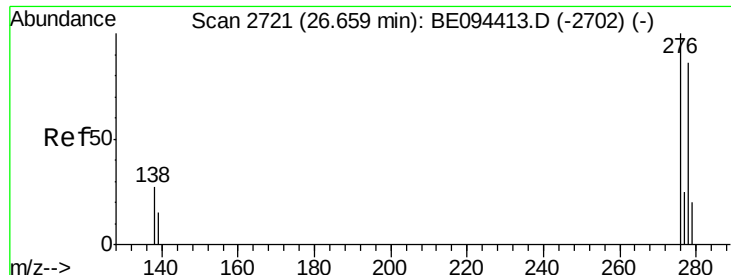


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.002 ng

RT: 26.62 min Scan# 2713

Delta R.T. -0.04 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

Instrument :

BNA_E

ClientSampleId :

3902-PP1

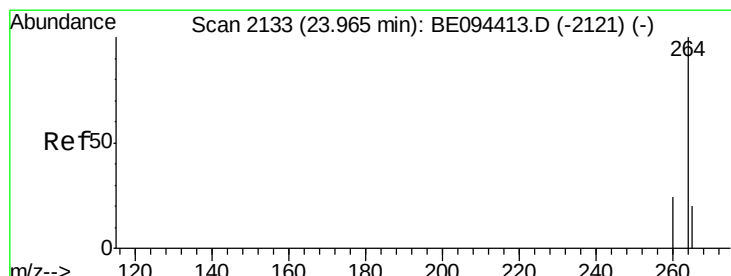
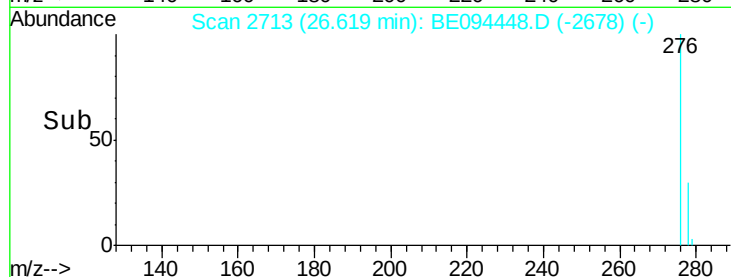
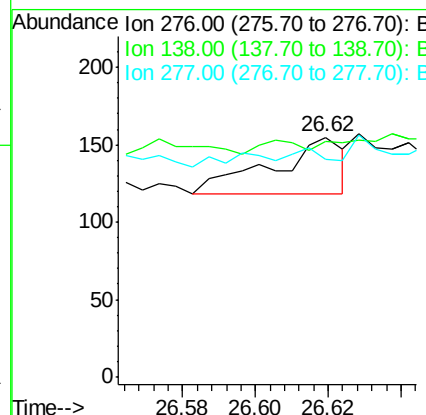
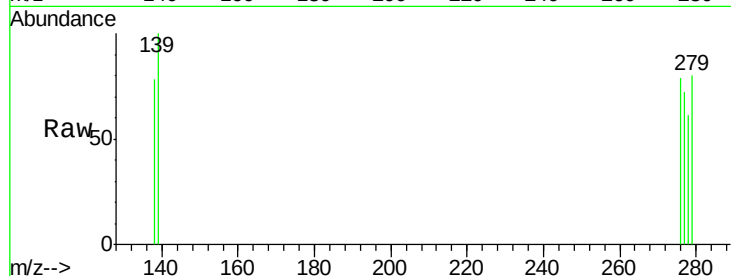
Tgt Ion:276 Resp: 51

Ion Ratio Lower Upper

276 100

138 13.7 22.5 33.7#

277 13.7 19.9 29.9#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

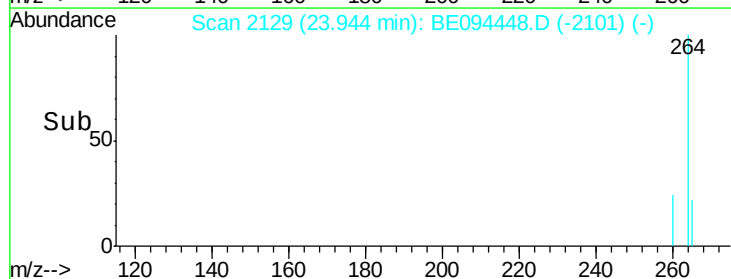
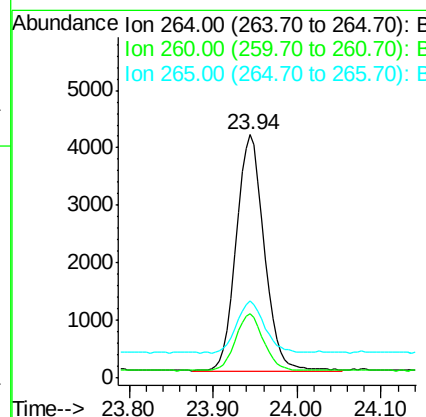
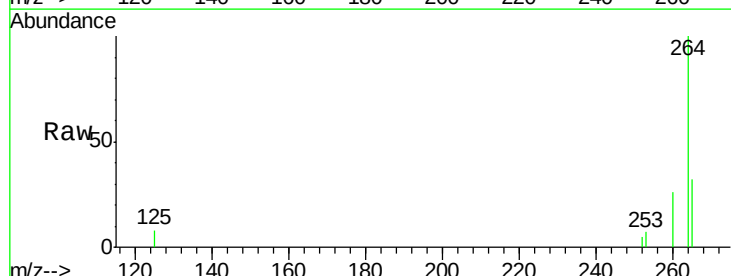
Tgt Ion:264 Resp: 9490

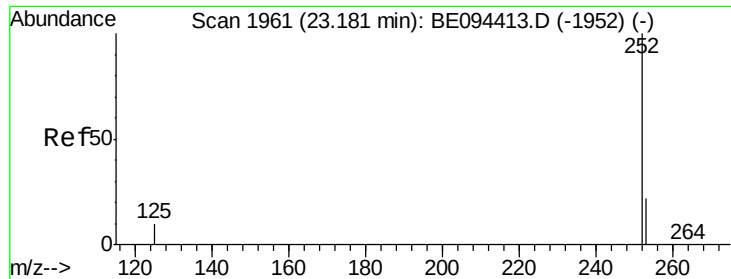
Ion Ratio Lower Upper

264 100

260 26.2 20.5 30.7

265 31.9 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.007 ng

RT: 23.17 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

Instrument :

BNA_E

ClientSampleId :

3902-PP1

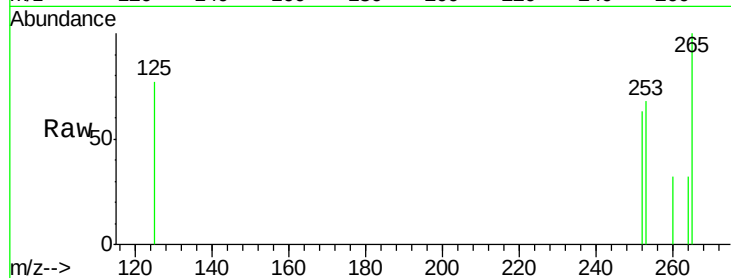
Tgt Ion:252 Resp: 230

Ion Ratio Lower Upper

252 100

253 107.4 48.0 72.0#

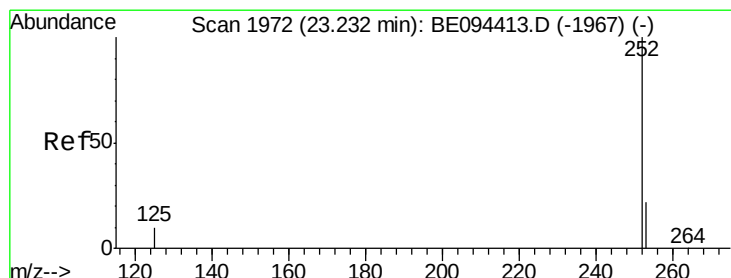
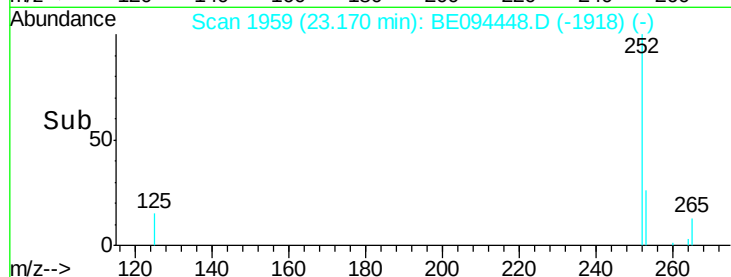
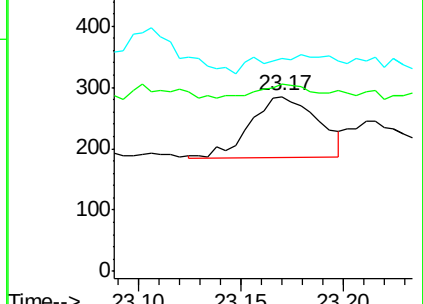
125 121.8 56.0 84.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.004 ng

RT: 23.21 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

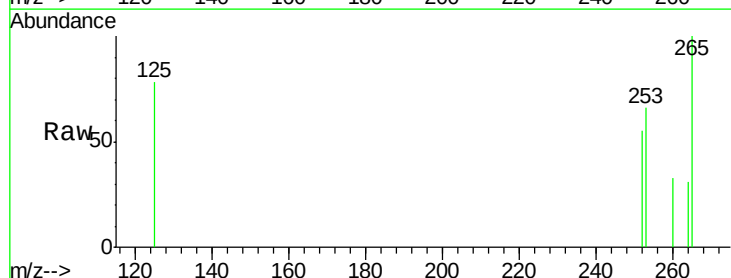
Tgt Ion:252 Resp: 112

Ion Ratio Lower Upper

252 100

253 119.2 48.0 72.0#

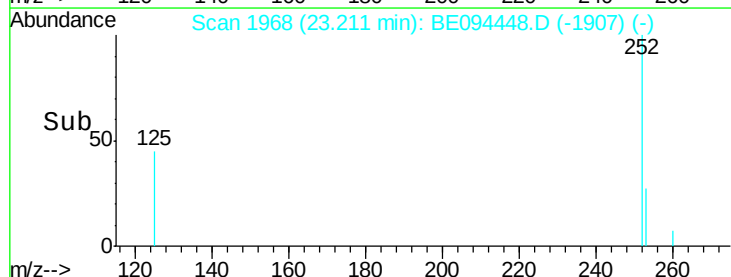
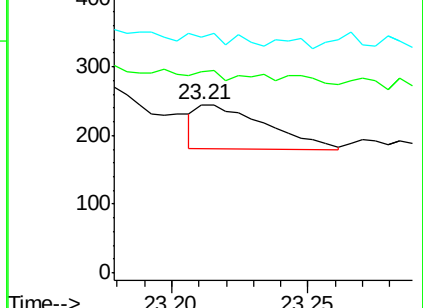
125 140.4 56.0 84.0#

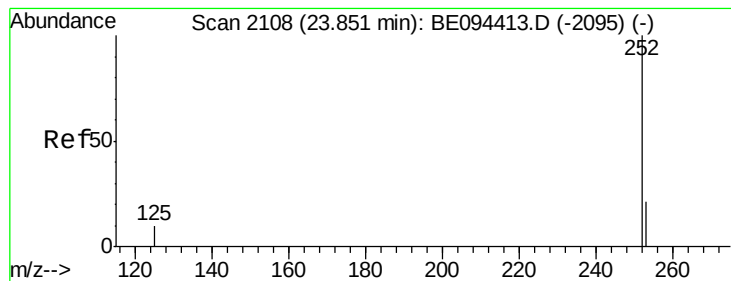


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.002 ng

RT: 23.84 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BE094448.D

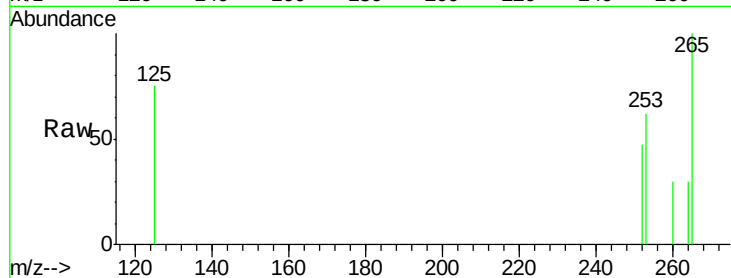
Acq: 19 Oct 2017 15:20

Instrument :

BNA_E

ClientSampleId :

3902-PP1



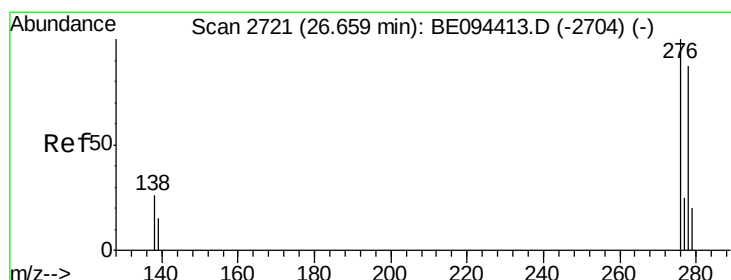
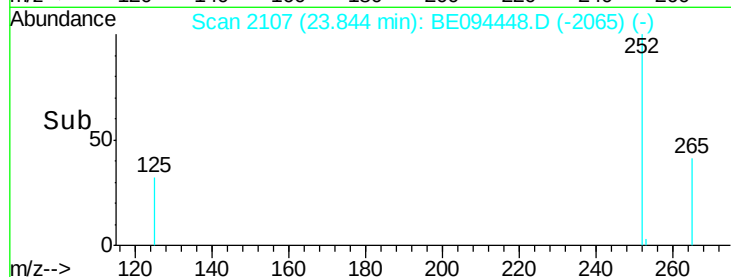
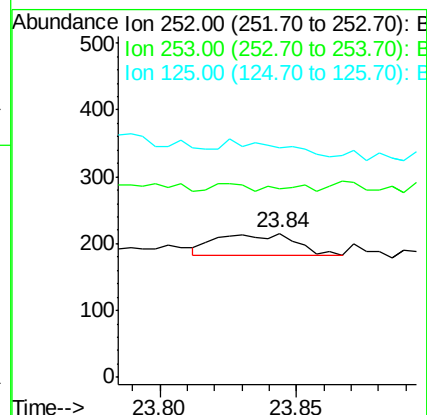
Tgt Ion: 252 Resp: 66

Ion Ratio Lower Upper

252 100

253 130.6 52.0 78.0#

125 158.8 68.0 102.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.001 ng

RT: 26.62 min Scan# 2714

Delta R.T. -0.04 min

Lab File: BE094448.D

Acq: 19 Oct 2017 15:20

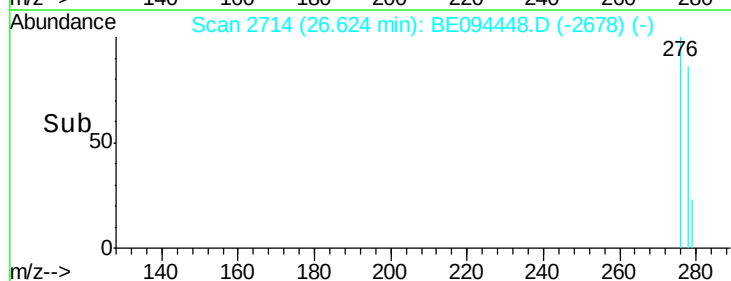
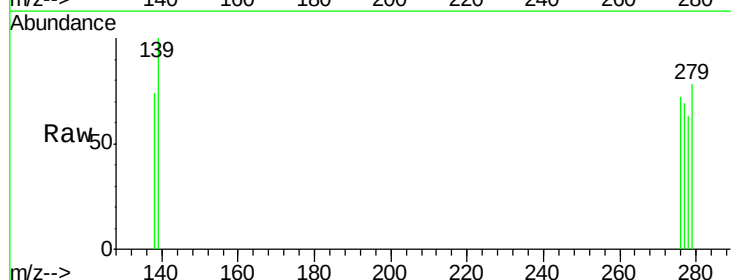
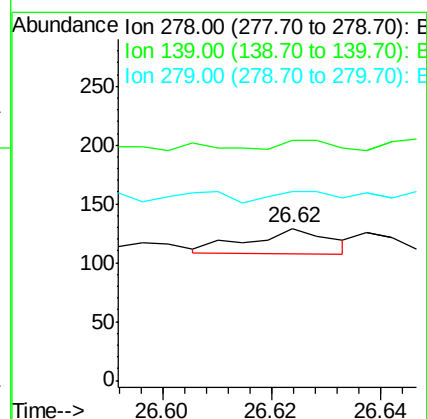
Tgt Ion: 278 Resp: 22

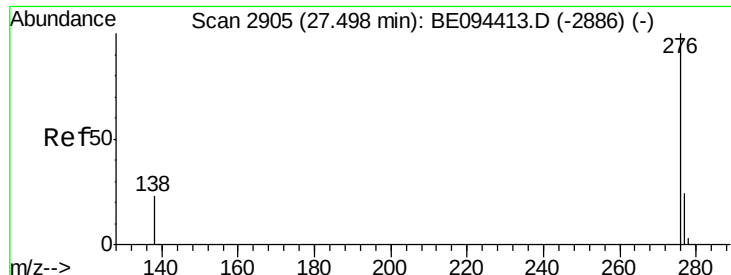
Ion Ratio Lower Upper

278 100

139 158.1 56.0 84.0#

279 124.0 52.0 78.0#





#39

Benzo(g,h,i)perylene

Concen: 0.005 ng

RT: 27.46 min Scan# 2898

Delta R.T. -0.04 min

Lab File: BE094448.D

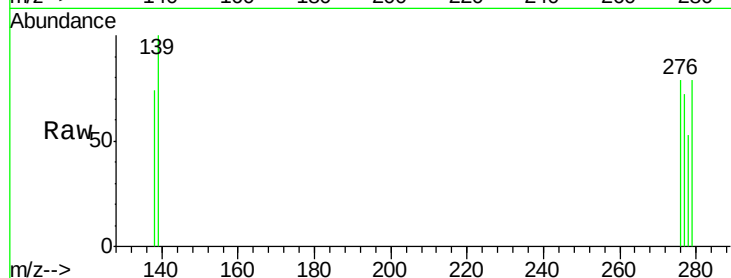
Acq: 19 Oct 2017 15:20

Instrument :

BNA_E

ClientSampleId :

3902-PP1



Tgt Ion: 276 Resp: 128

Ion Ratio Lower Upper

276 100

277 91.0 52.0 78.0#

138 94.2 44.0 66.0#

