

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101617\
 Data File : BE094411.D
 Acq On : 16 Oct 2017 11:10
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Oct 16 14:18:35 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 13:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1184	0.40	ng	0.00
7) Naphthalene-d8	10.70	136	6235	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3771	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	8779	0.40	ng	0.00
27) Chrysene-d12	21.44	240	9121	0.40	ng	0.01
34) Perylene-d12	23.97	264	8968	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	415	0.09	ng	0.01
5) Phenol-d6	7.14	99	614	0.10	ng	0.01
8) Nitrobenzene-d5	9.09	82	515	0.09	ng	0.02
11) 2-Methylnaphthalene-d10	12.30	152	985	0.10	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	129	0.05	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	1312	0.11	ng	0.02
25) Fluoranthene-d10	19.30	212	11337	0.13	ng	0.00
29) Terphenyl-d14	19.87	244	1897	0.11	ng	0.00

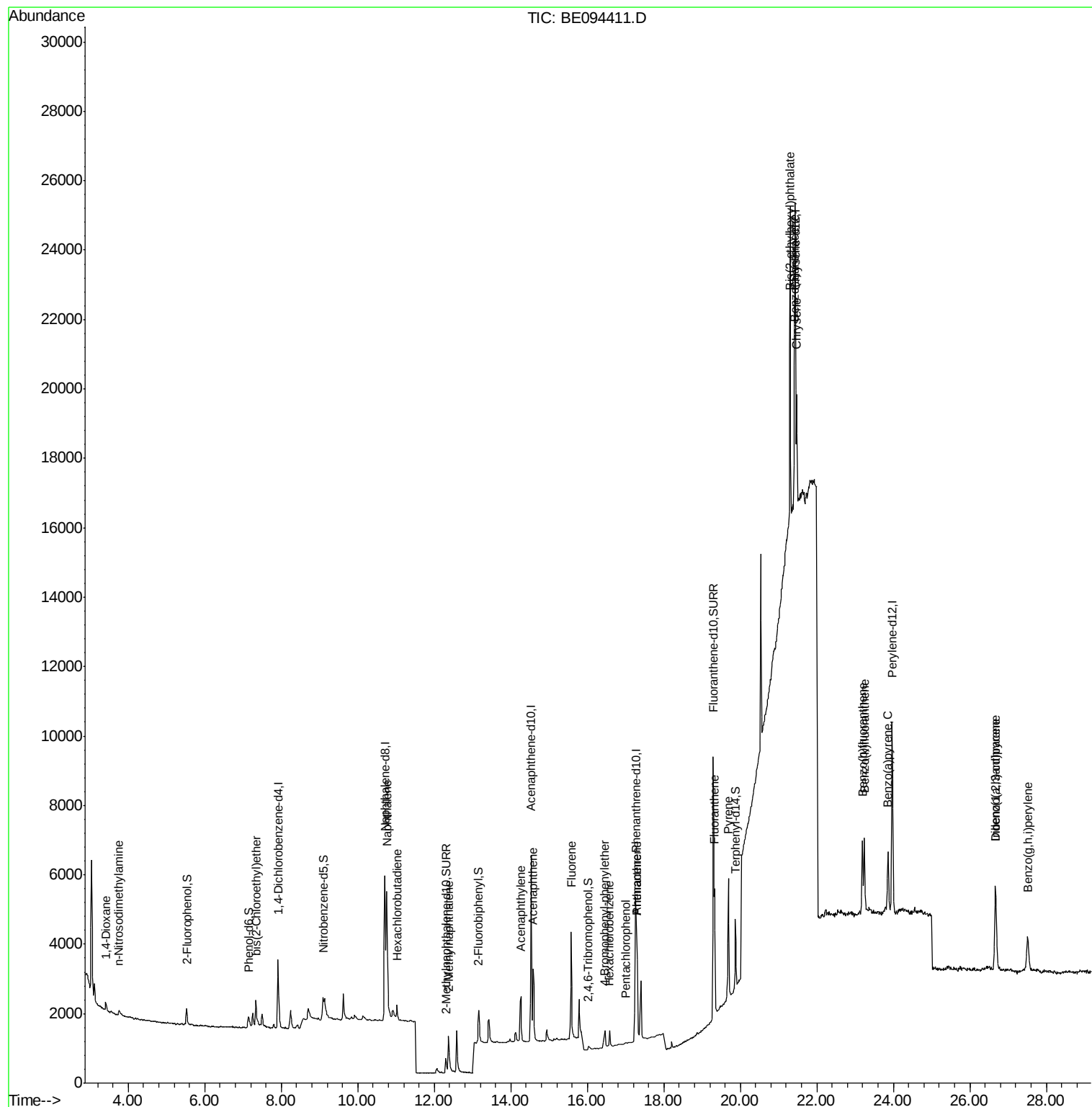
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	266	0.115	ng	88
3) n-Nitrosodimethylamine	3.75	42	192	0.065	ng	# 93
6) bis(2-Chloroethyl)ether	7.34	93	453	0.094	ng	73
9) Naphthalene	10.76	128	7287	0.104	ng	# 97
10) Hexachlorobutadiene	11.02	225	291	0.110	ng	97
12) 2-Methylnaphthalene	12.38	142	1166	0.102	ng	96
16) Acenaphthylene	14.26	152	2026	0.107	ng	99
17) Acenaphthene	14.58	154	1361	0.115	ng	100
18) Fluorene	15.58	166	1742	0.109	ng	96
20) 4-Bromophenyl-phenylether	16.45	248	465	0.129	ng	# 76
21) Hexachlorobenzene	16.58	284	553	0.243	ng	92
22) Pentachlorophenol	17.01	266	29	0.014	ng	96
23) Phenanthrene	17.30	178	3569	0.159	ng	97
24) Anthracene	17.30	178	3544	0.150	ng	97
26) Fluoranthene	19.33	202	3494	0.139	ng	# 93
28) Pyrene	19.69	202	3723	0.129	ng	97
30) Benzo(a)anthracene	21.42	228	3437	0.112	ng	96
31) Chrysene	21.47	228	3250	0.110	ng	99
32) Bis(2-ethylhexyl)phthalate	21.30	149	11262	0.077	ng	# 94
33) Indeno(1,2,3-cd)pyrene	26.67	276	3159	0.100	ng	100
35) Benzo(b)fluoranthene	23.19	252	3135	0.097	ng	99
36) Benzo(k)fluoranthene	23.24	252	3142	0.101	ng	99
37) Benzo(a)pyrene	23.86	252	2960	0.101	ng	99
38) Dibenzo(a,h)anthracene	26.67	278	2705	0.098	ng	99
39) Benzo(g,h,i)perylene	27.52	276	2694	0.098	ng	99

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

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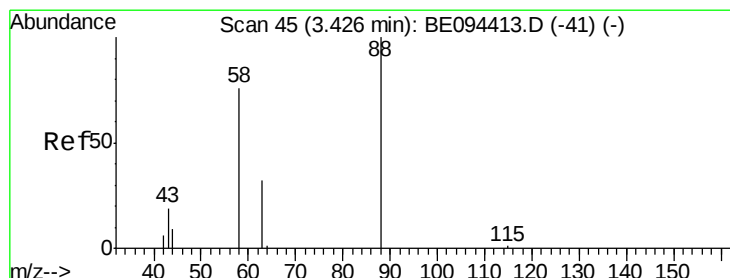
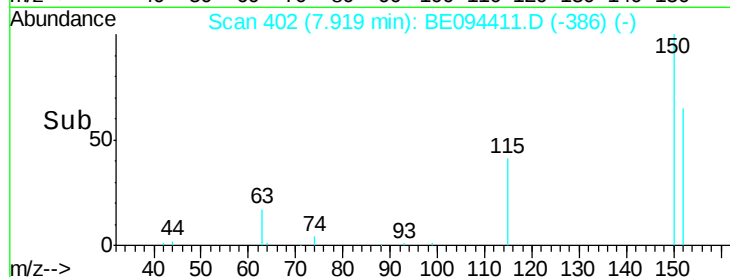
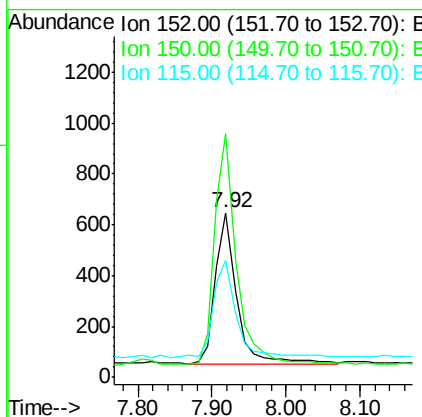
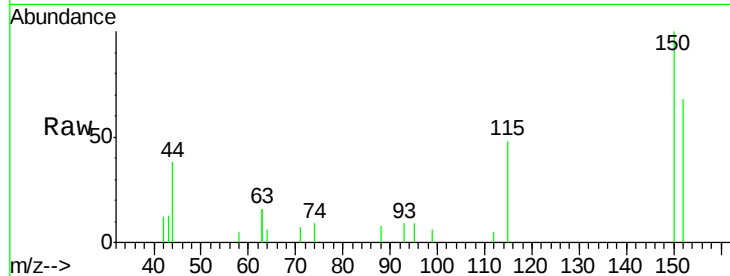




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.92 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: BE094411.D
 Acq: 16 Oct 2017 11:10

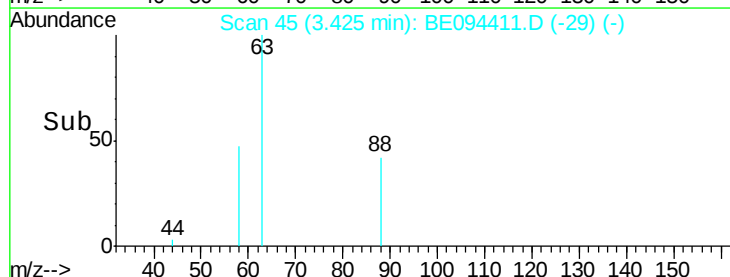
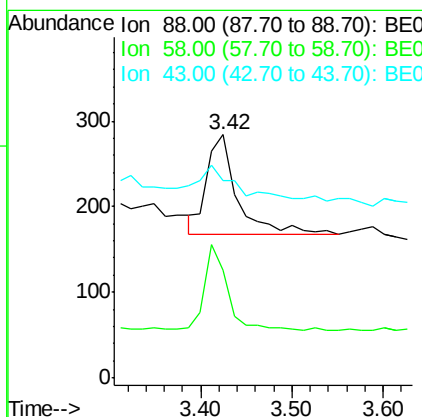
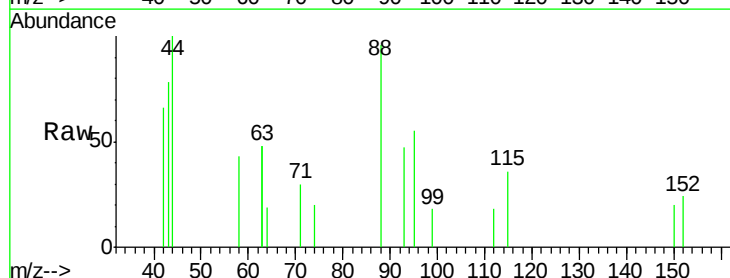
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

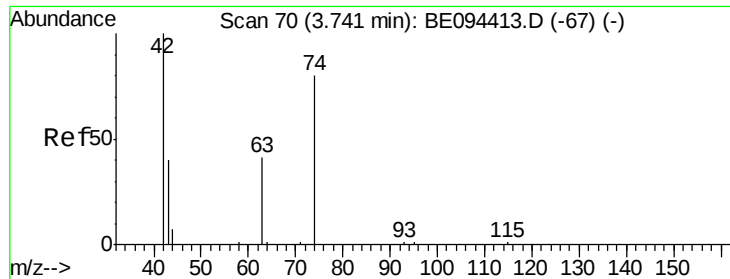
Tgt Ion: 152 Resp: 1184
 Ion Ratio Lower Upper
 152 100
 150 148.1 117.2 175.8
 115 71.1 57.0 85.6



#2
 1,4-Dioxane
 Concen: 0.115 ng
 RT: 3.42 min Scan# 45
 Delta R.T. -0.00 min
 Lab File: BE094411.D
 Acq: 16 Oct 2017 11:10

Tgt Ion: 88 Resp: 266
 Ion Ratio Lower Upper
 88 100
 58 66.9 63.2 94.8
 43 58.6 41.2 61.8

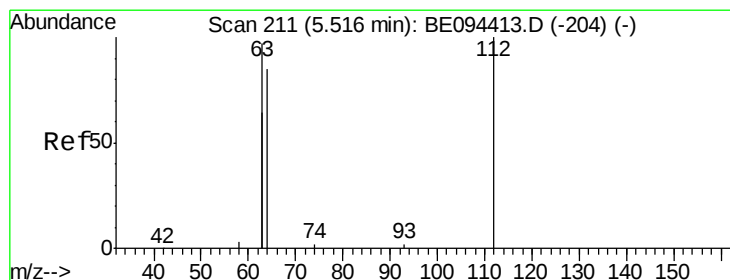
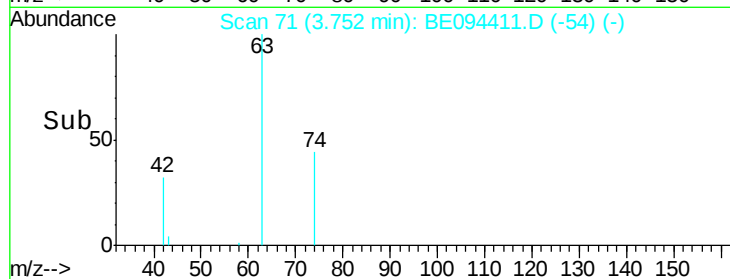
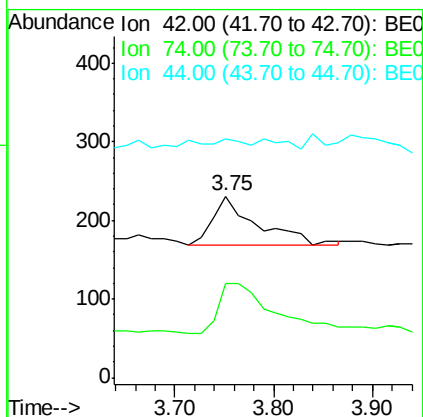
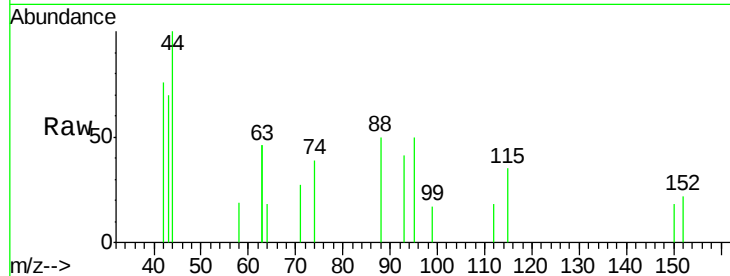




#3
n-Nitrosodimethylamine
Concen: 0.065 ng
RT: 3.75 min Scan# 71
Delta R.T. 0.01 min
Lab File: BE094411.D
Acq: 16 Oct 2017 11:10

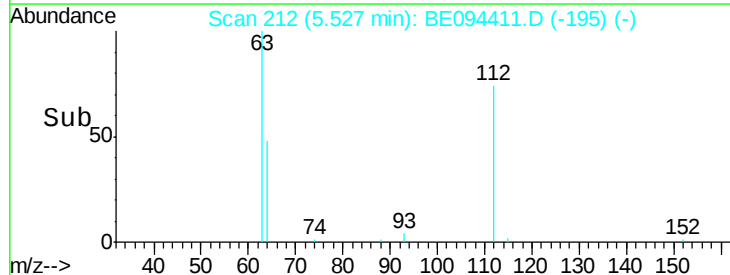
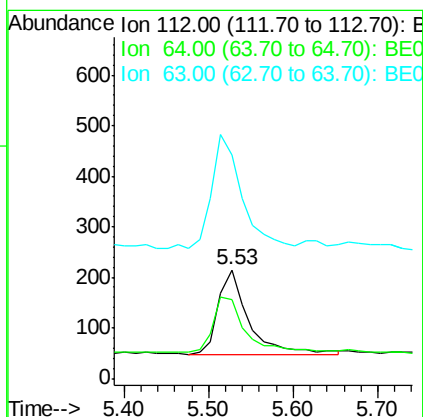
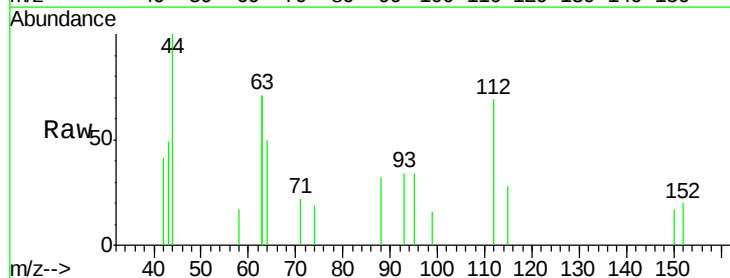
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

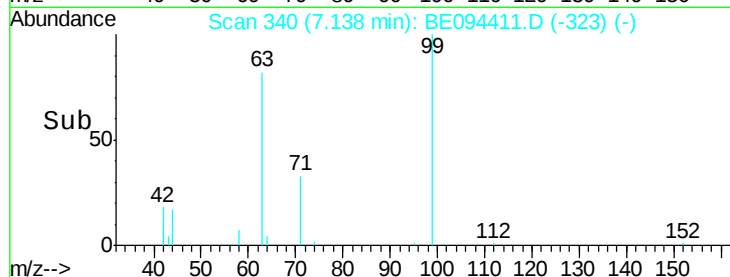
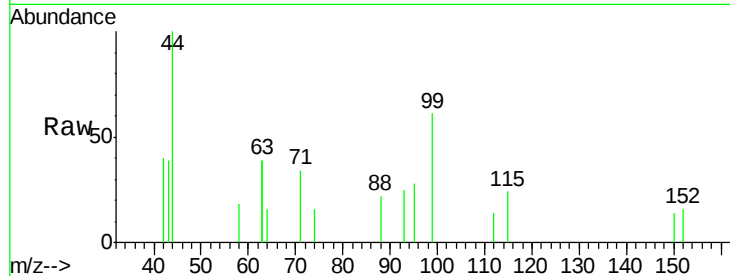
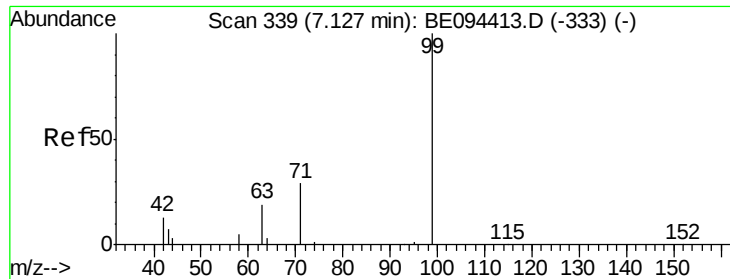
Tgt Ion: 42 Resp: 192
Ion Ratio Lower Upper
42 100
74 131.3 100.3 150.5
44 13.0 17.0 25.4#



#4
2-Fluorophenol
Concen: 0.092 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.01 min
Lab File: BE094411.D
Acq: 16 Oct 2017 11:10

Tgt Ion: 112 Resp: 415
Ion Ratio Lower Upper
112 100
64 71.3 60.1 90.1
63 136.9 116.8 175.2





#5

Phenol-d6

Concen: 0.098 ng

RT: 7.14 min Scan# 340

Delta R.T. 0.01 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

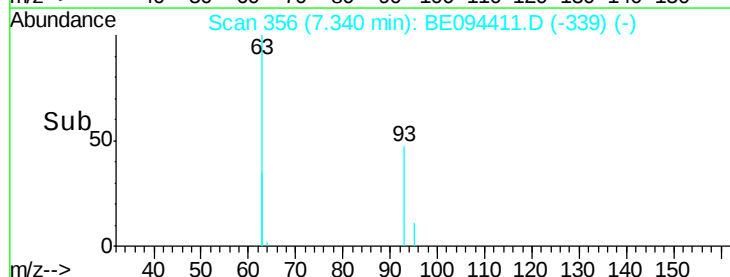
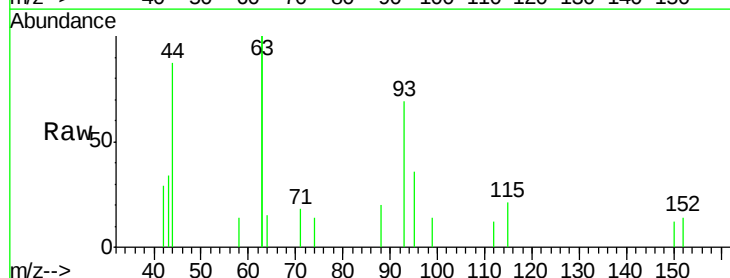
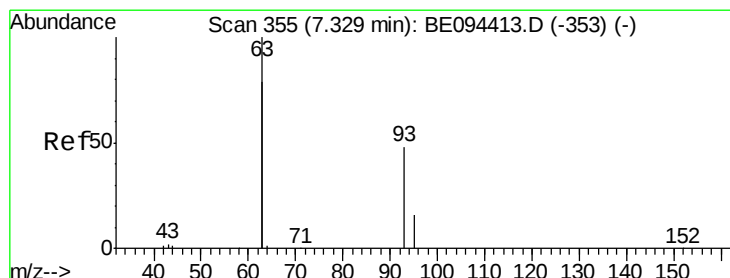
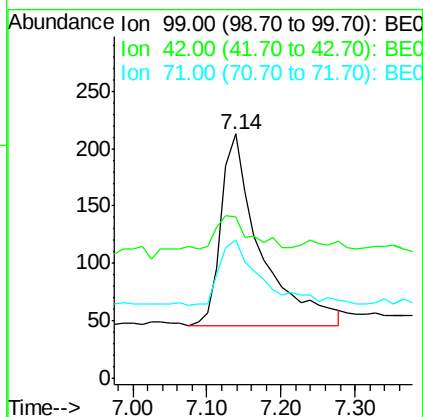
Tgt Ion: 99 Resp: 614

Ion Ratio Lower Upper

99 100

42 30.9 20.2 30.2#

71 36.6 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.094 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.01 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

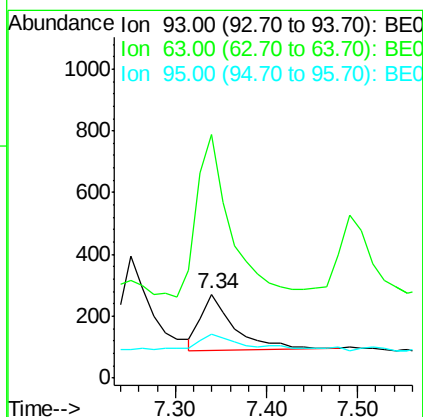
Tgt Ion: 93 Resp: 453

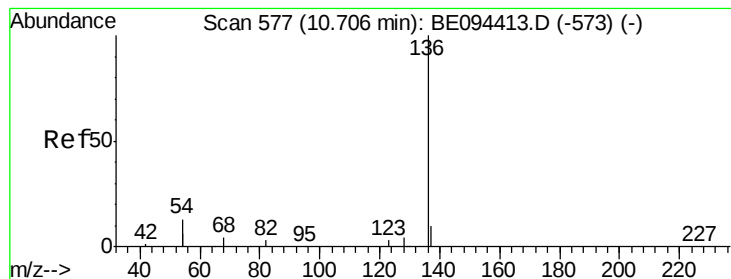
Ion Ratio Lower Upper

93 100

63 283.0 275.3 412.9

95 34.4 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.70 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tgt Ion: 136 Resp: 6235

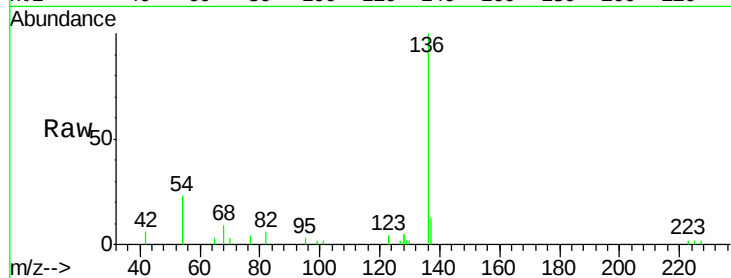
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 45.0 29.1 43.7#

68 9.3 6.2 9.2#

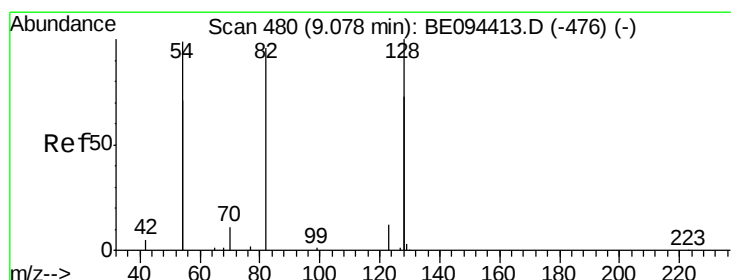
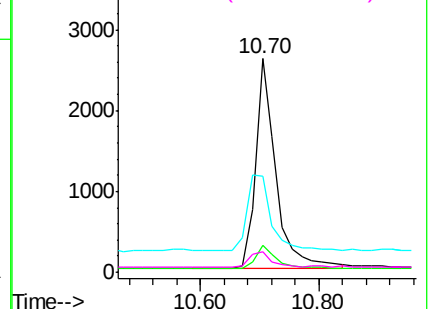
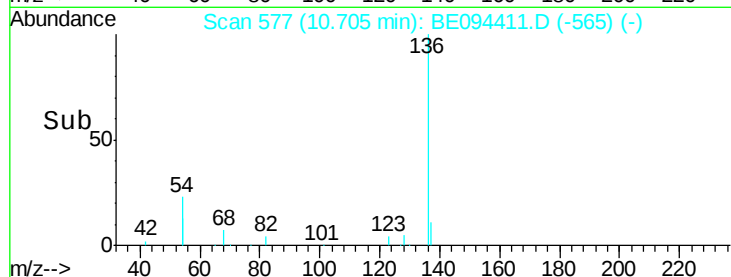


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.085 ng

RT: 9.09 min Scan# 481

Delta R.T. 0.02 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

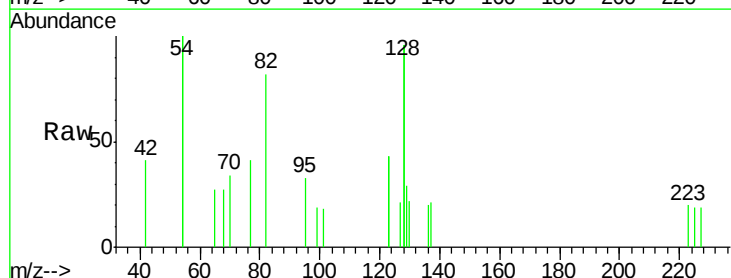
Tgt Ion: 82 Resp: 515

Ion Ratio Lower Upper

82 100

128 232.2 150.0 225.0#

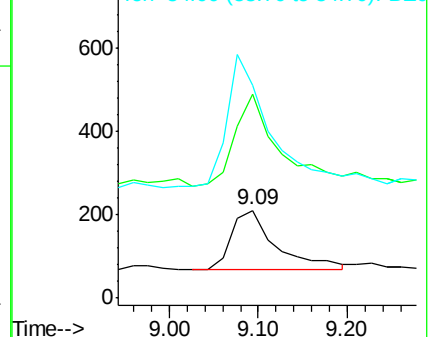
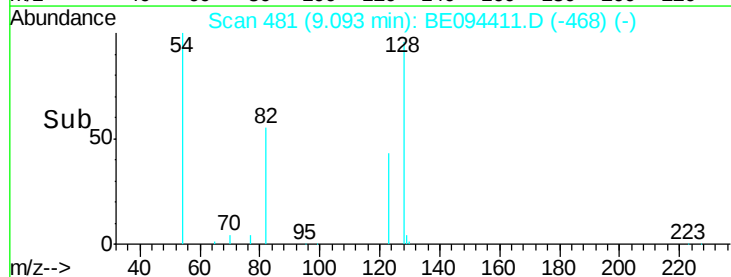
54 242.7 154.2 231.4#

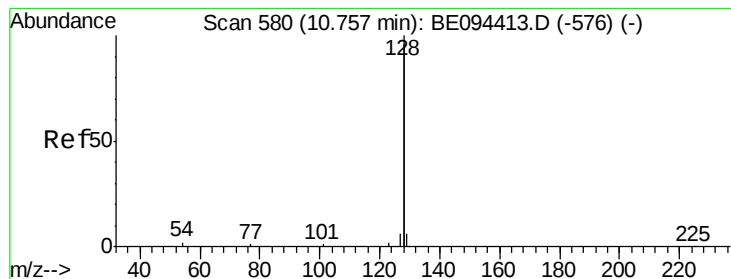


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.104 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

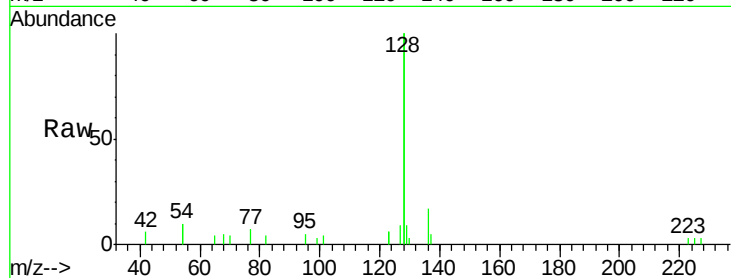
Tgt Ion:128 Resp: 7287

Ion Ratio Lower Upper

128 100

129 4.3 2.6 3.8#

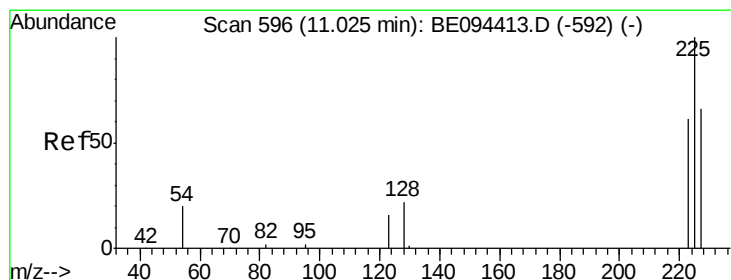
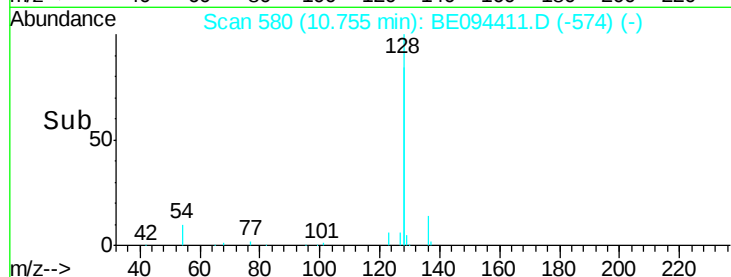
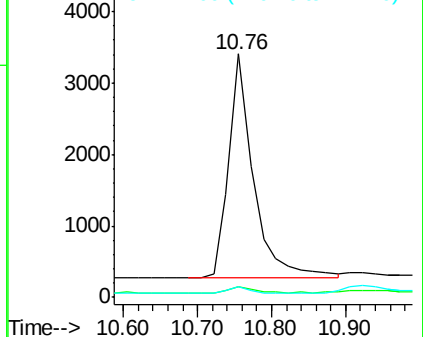
127 4.6 2.8 4.2#



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: 0.110 ng

RT: 11.02 min Scan# 596

Delta R.T. -0.00 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

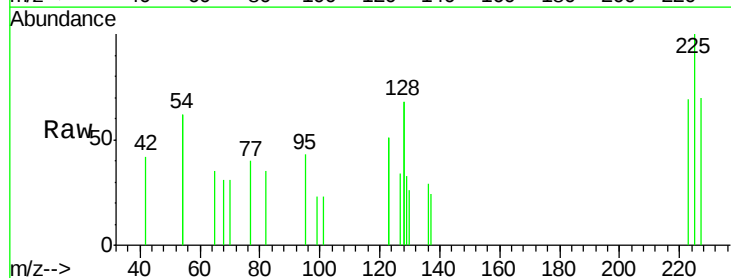
Tgt Ion:225 Resp: 291

Ion Ratio Lower Upper

225 100

223 67.7 53.0 79.6

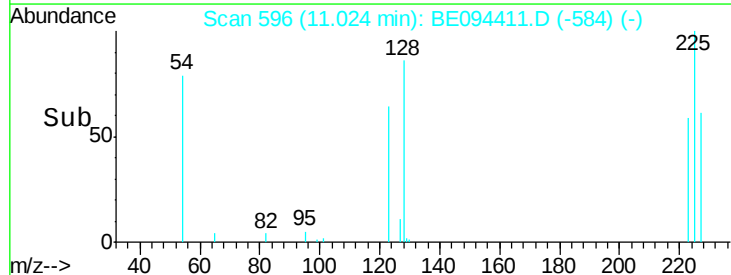
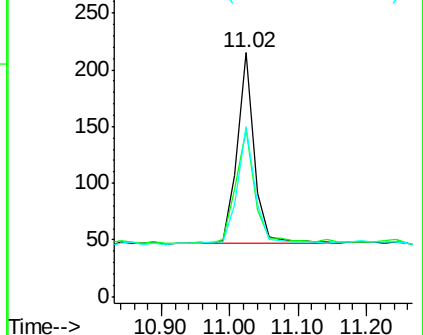
227 67.7 51.4 77.2



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: 0.103 ng

RT: 12.30 min Scan# 827

Delta R.T. 0.01 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

Instrument :

BNA_E

ClientSampleId :

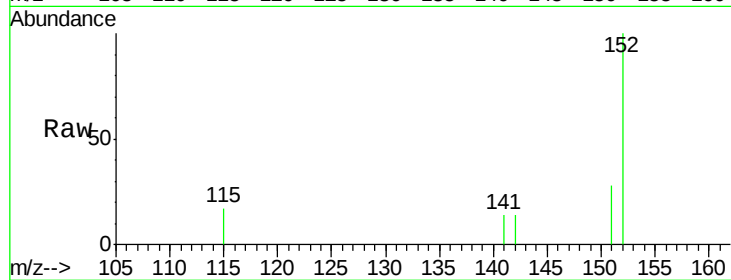
SSTDIC0.1

Tgt Ion:152 Resp: 985

Ion Ratio Lower Upper

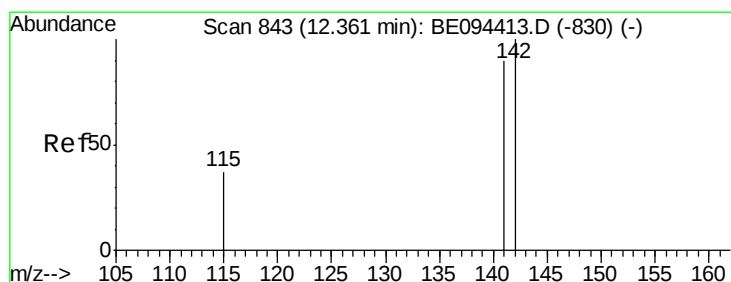
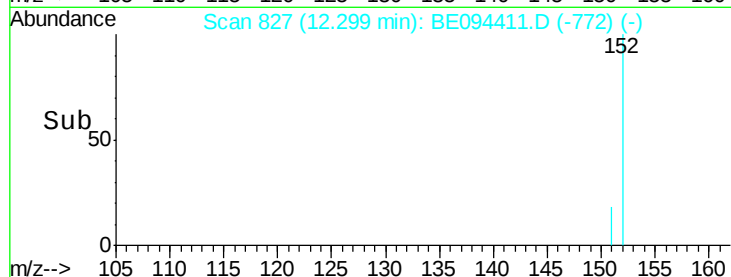
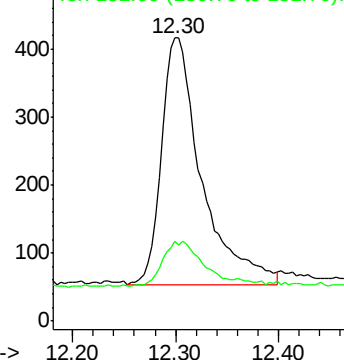
152 100

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

2-Methylnaphthalene

Concen: 0.102 ng

RT: 12.38 min Scan# 847

Delta R.T. 0.01 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

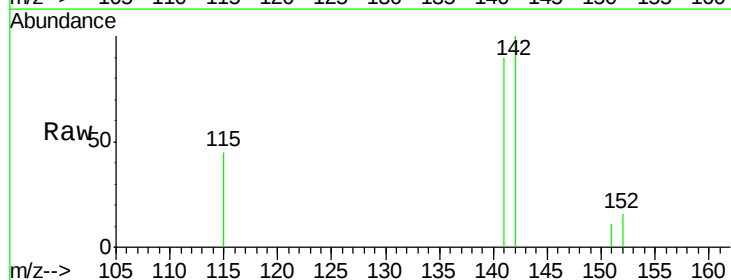
Tgt Ion:142 Resp: 1166

Ion Ratio Lower Upper

142 100

141 90.1 70.4 105.6

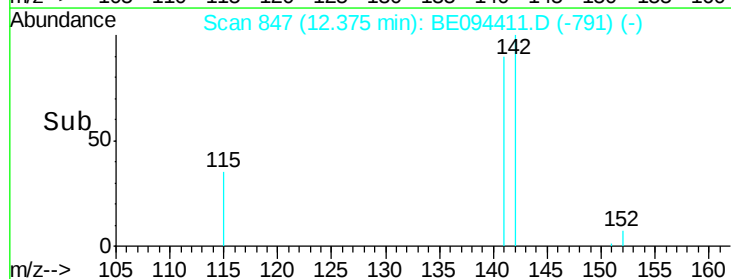
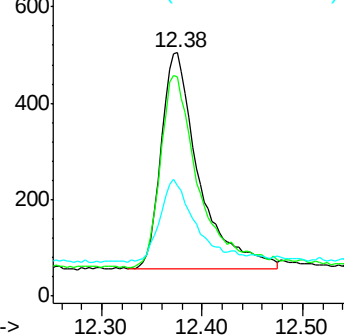
115 45.1 31.7 47.5

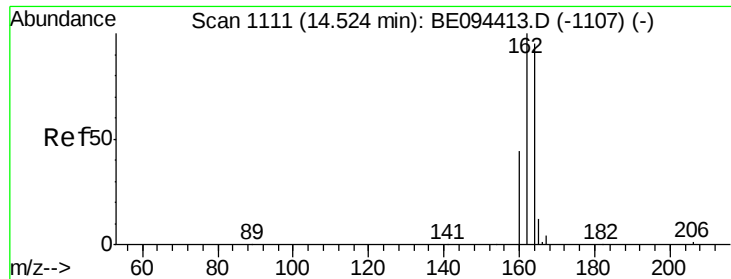


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

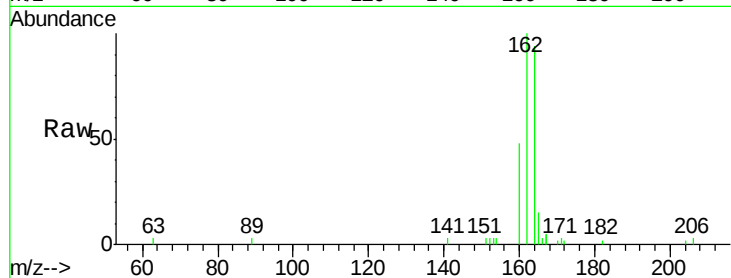
Tgt Ion:164 Resp: 3771

Ion Ratio Lower Upper

164 100

162 106.0 83.1 124.7

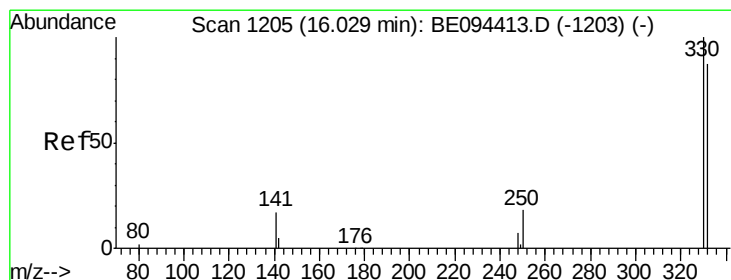
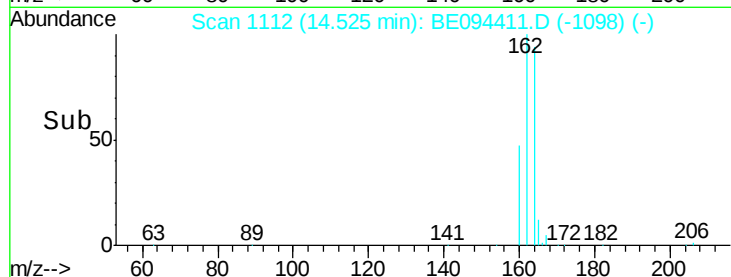
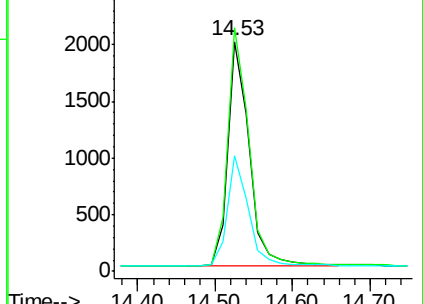
160 50.6 37.1 55.7



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: 0.053 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

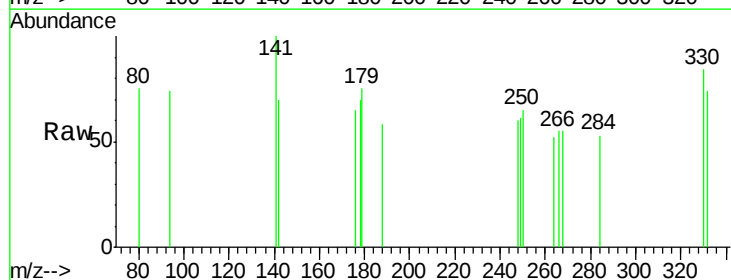
Tgt Ion:330 Resp: 129

Ion Ratio Lower Upper

330 100

332 0.0 152.7 229.1#

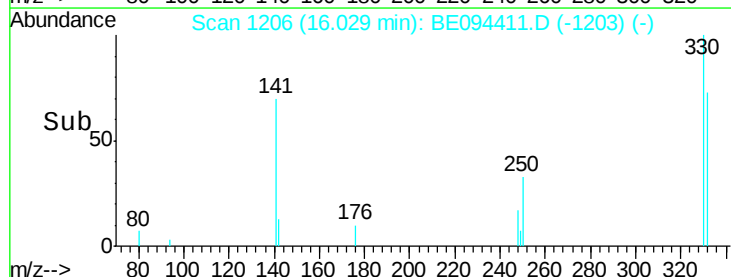
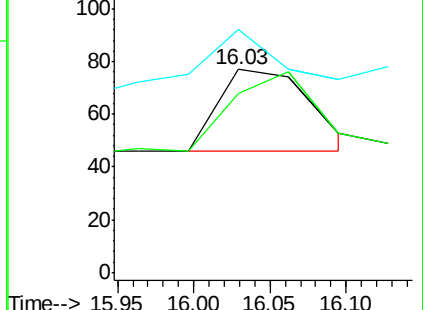
141 34.9 33.7 50.5

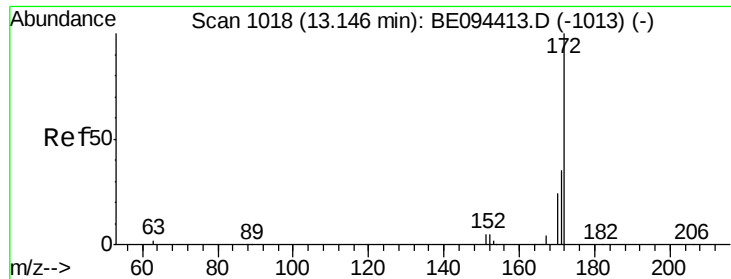


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

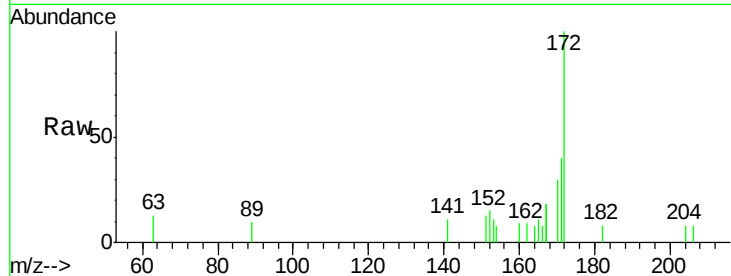




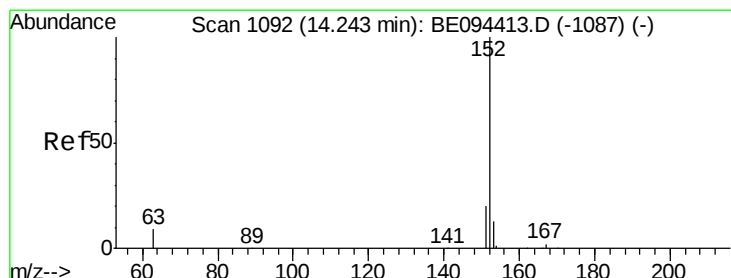
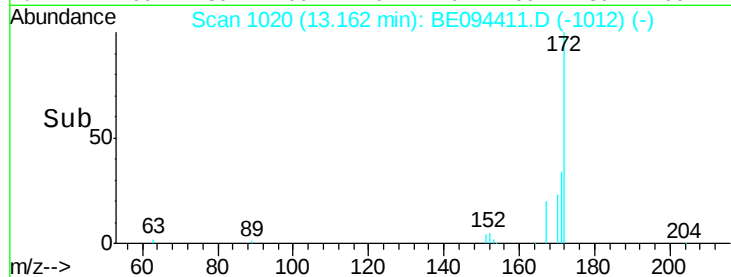
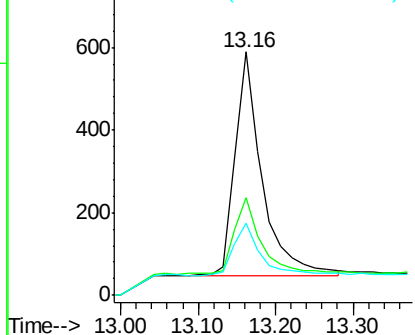
#15
2-Fluorobiphenyl
Concen: 0.105 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.02 min
Lab File: BE094411.D
Acq: 16 Oct 2017 11:10

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tgt Ion:172 Resp: 1312
Ion Ratio Lower Upper
172 100
171 40.2 29.9 44.9
170 29.5 21.8 32.8

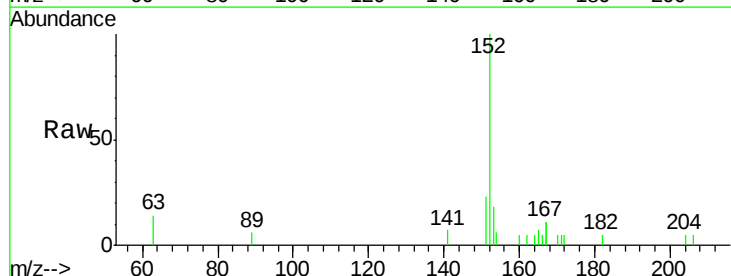


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

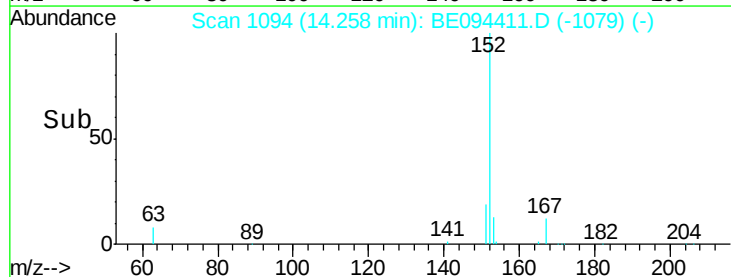
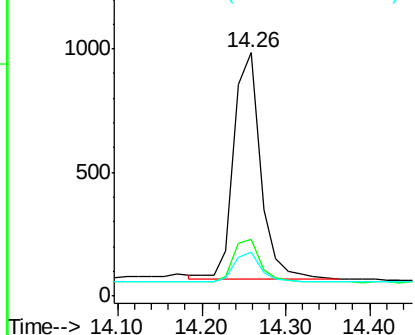


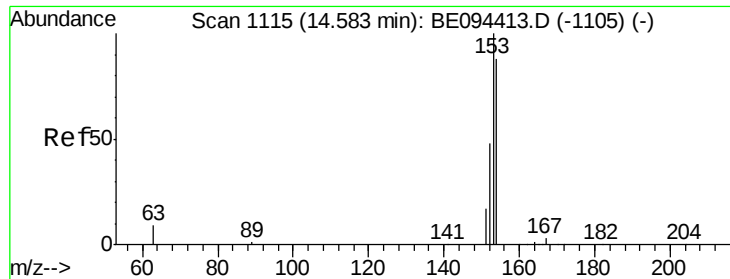
#16
Acenaphthylene
Concen: 0.107 ng
RT: 14.26 min Scan# 1094
Delta R.T. 0.02 min
Lab File: BE094411.D
Acq: 16 Oct 2017 11:10

Tgt Ion:152 Resp: 2026
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.9 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.115 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

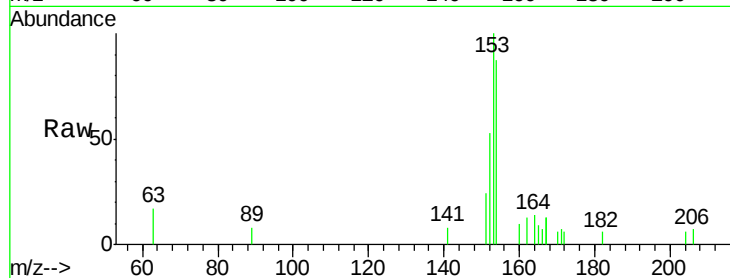
Tgt Ion:154 Resp: 1361

Ion Ratio Lower Upper

154 100

153 111.0 89.2 133.8

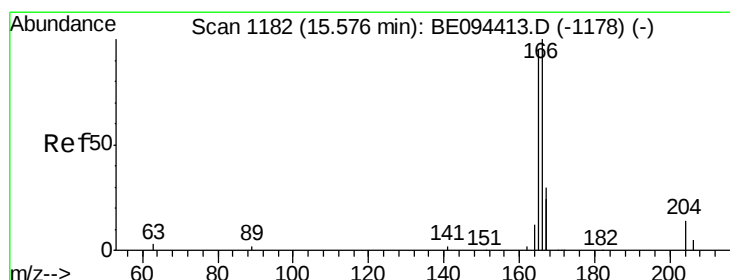
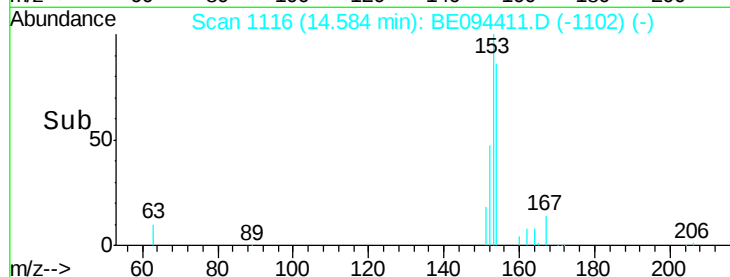
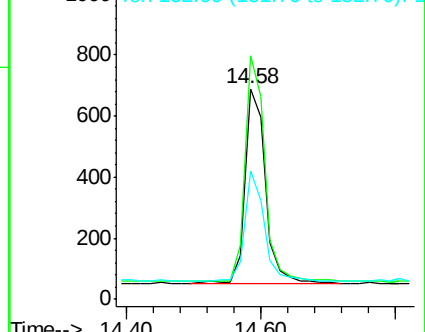
152 52.8 42.0 63.0



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: 0.109 ng

RT: 15.58 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

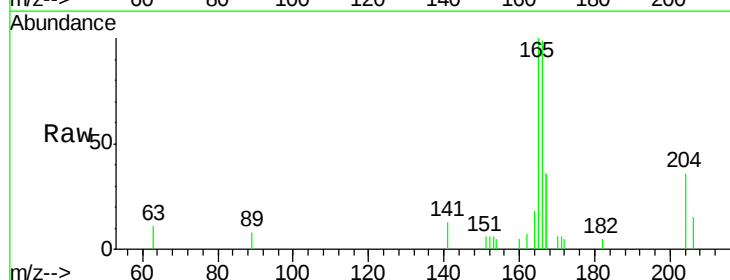
Tgt Ion:166 Resp: 1742

Ion Ratio Lower Upper

166 100

165 94.7 77.8 116.6

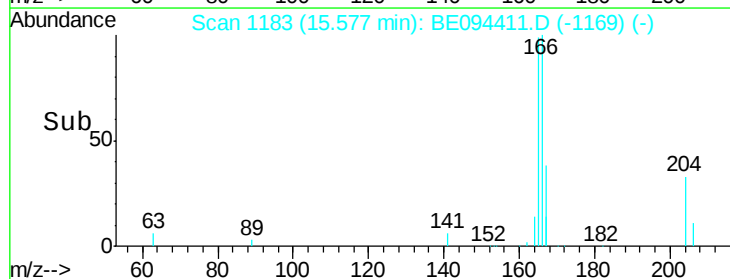
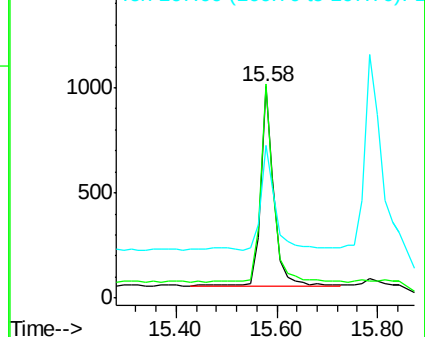
167 56.9 42.4 63.6

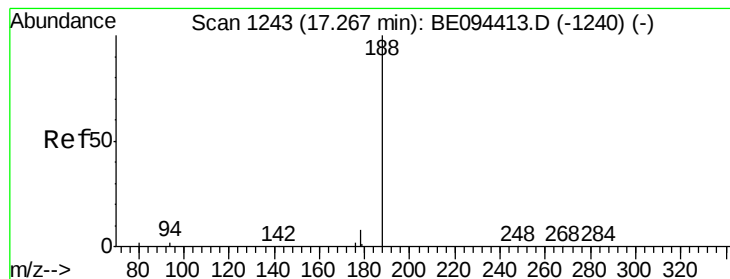


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

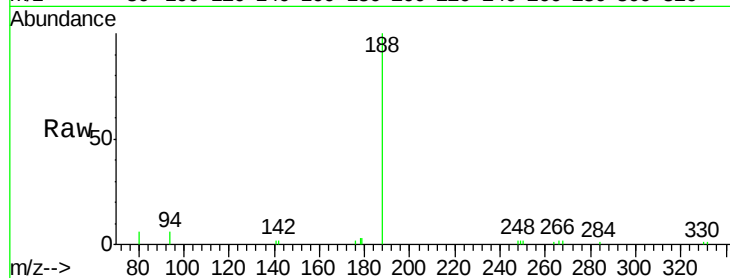
Tgt Ion:188 Resp: 8779

Ion Ratio Lower Upper

188 100

94 5.9 3.9 5.9#

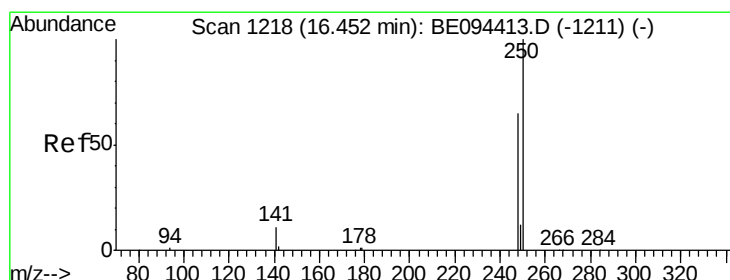
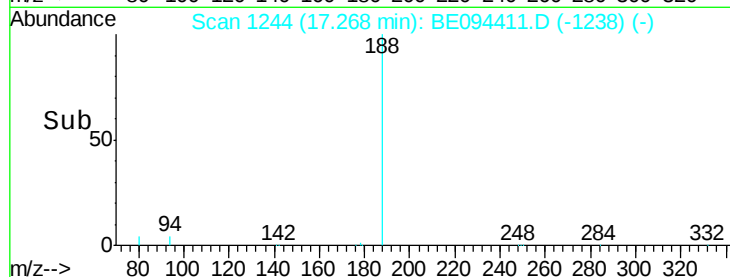
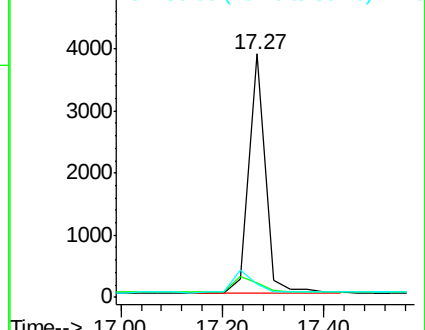
80 5.6 3.6 5.4#



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: 0.129 ng

RT: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

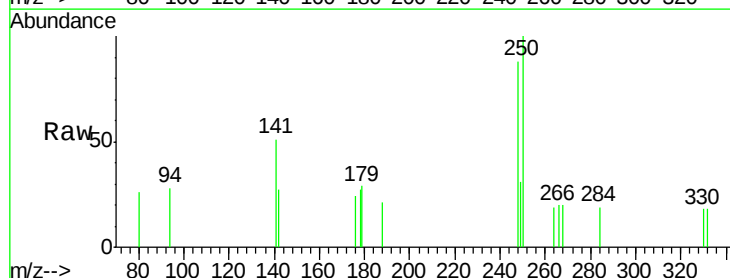
Tgt Ion:248 Resp: 465

Ion Ratio Lower Upper

248 100

250 114.0 62.7 94.1#

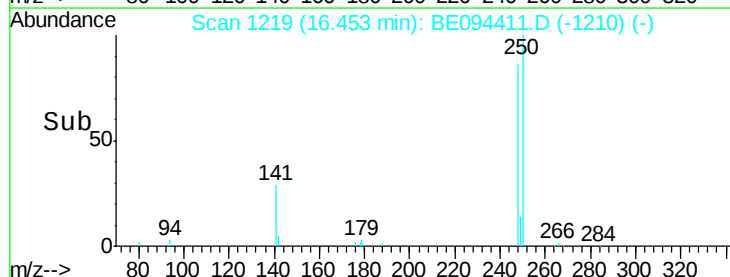
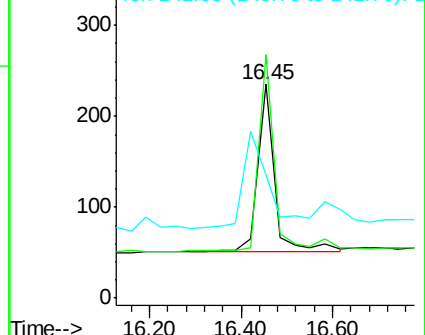
141 57.9 48.2 72.2



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: 0.243 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

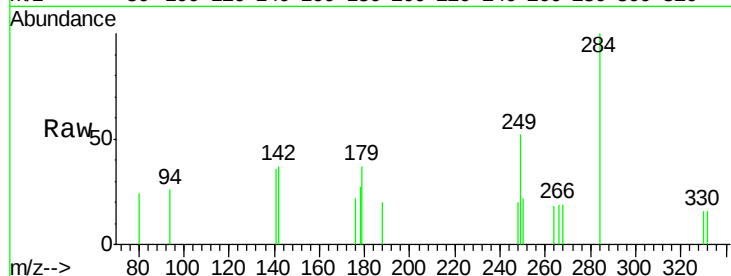
Tgt Ion:284 Resp: 553

Ion Ratio Lower Upper

284 100

142 26.6 22.1 33.1

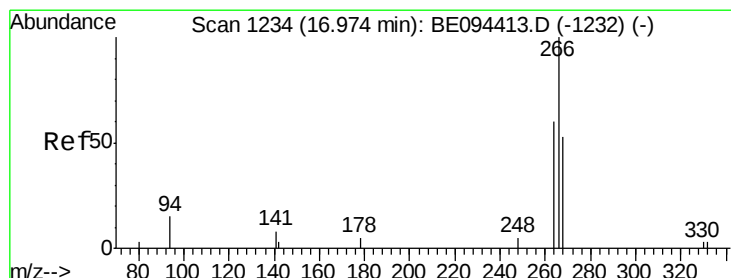
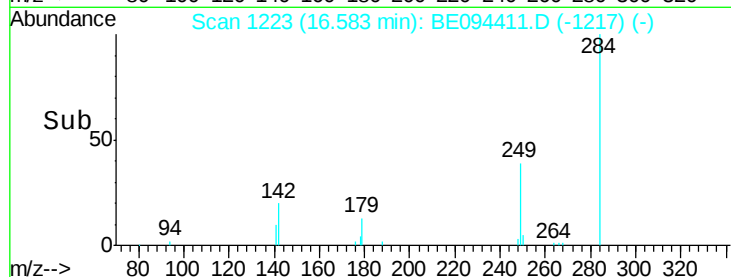
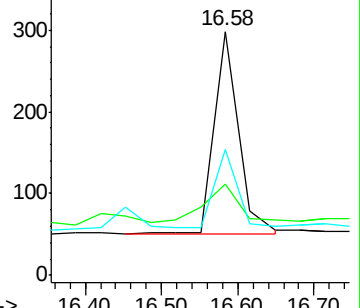
249 35.4 34.8 52.2



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: 0.014 ng

RT: 17.01 min Scan# 1236

Delta R.T. 0.03 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

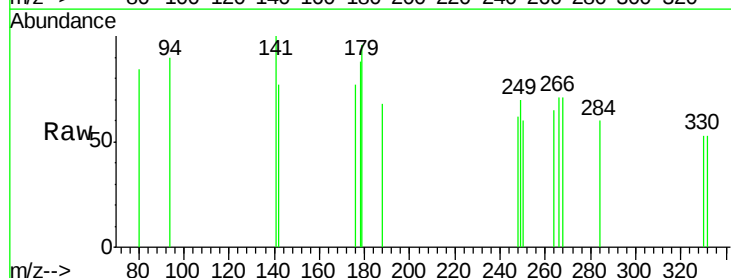
Tgt Ion:266 Resp: 29

Ion Ratio Lower Upper

266 100

264 90.9 72.5 108.7

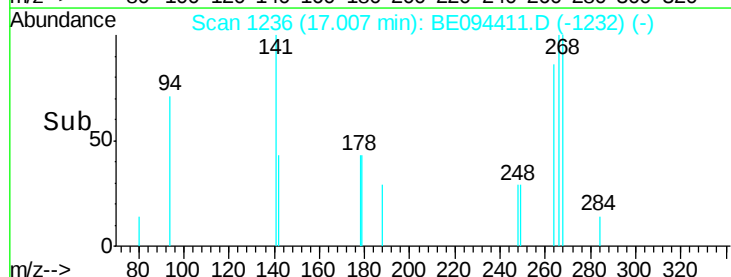
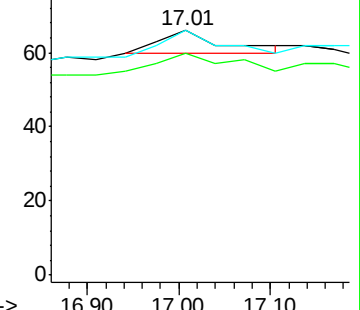
268 100.0 73.8 110.6

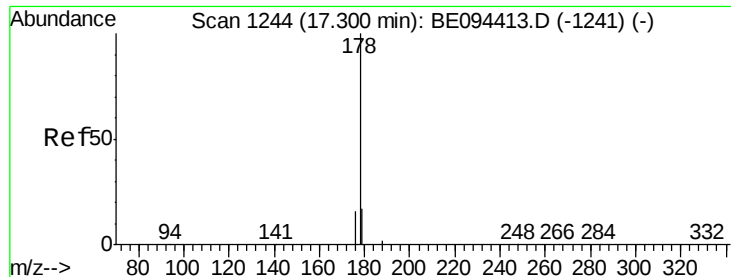


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.159 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

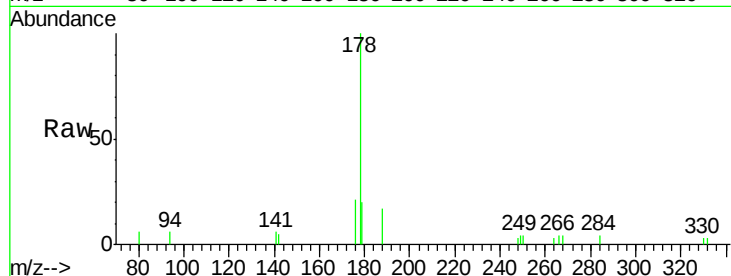
Tgt Ion:178 Resp: 3569

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

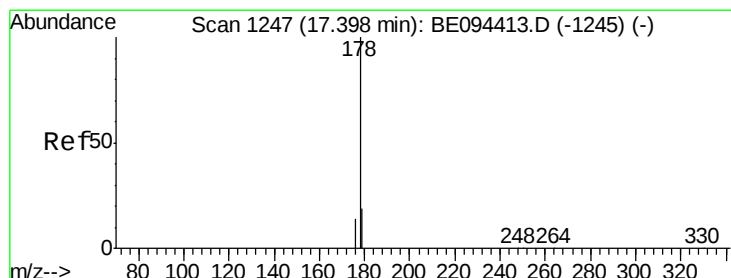
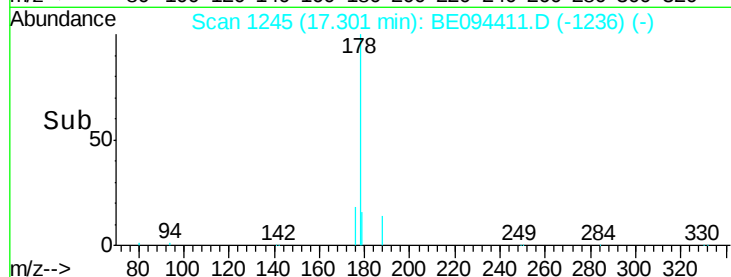
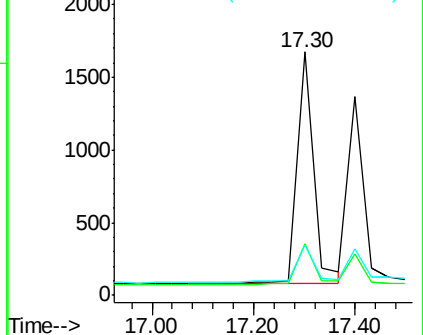
179 17.4 11.8 17.6



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: 0.150 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

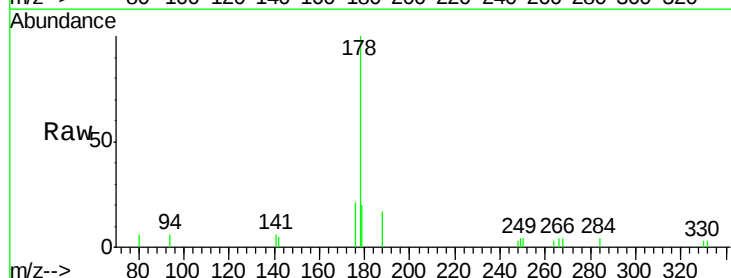
Tgt Ion:178 Resp: 3544

Ion Ratio Lower Upper

178 100

176 18.4 12.8 19.2

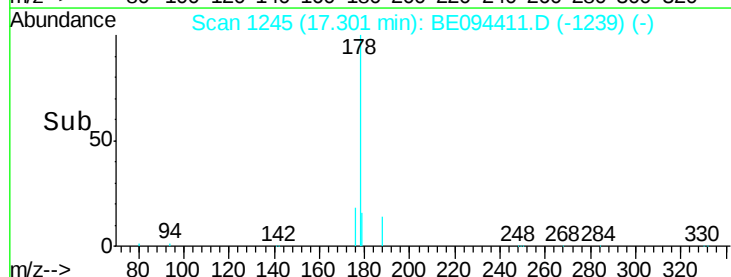
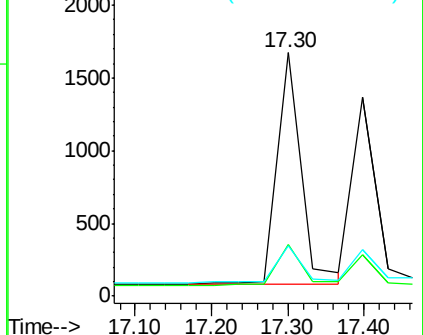
179 16.7 13.0 19.6

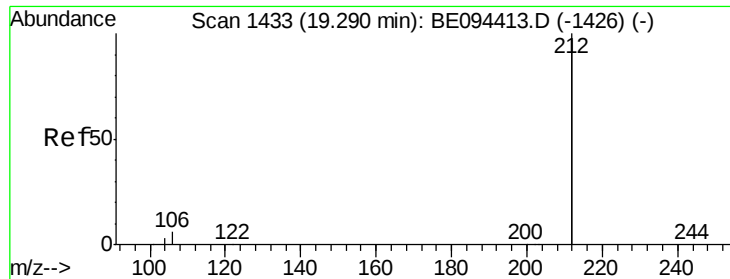


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.133 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

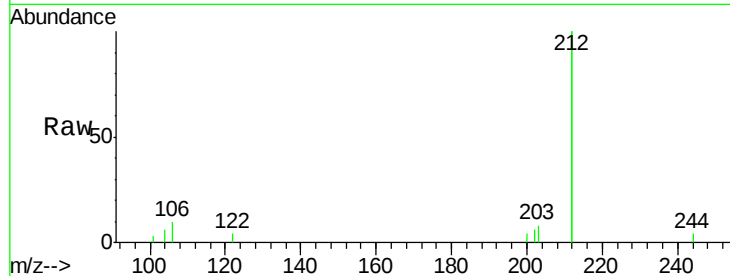
Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

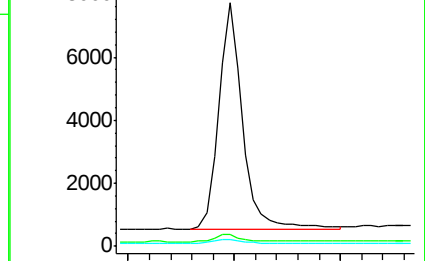
Tgt Ion:	212	Resp:	11337
Ion	Ratio	Lower	Upper
212	100		
106	3.7	2.8	4.2
104	2.6	1.6	2.4#



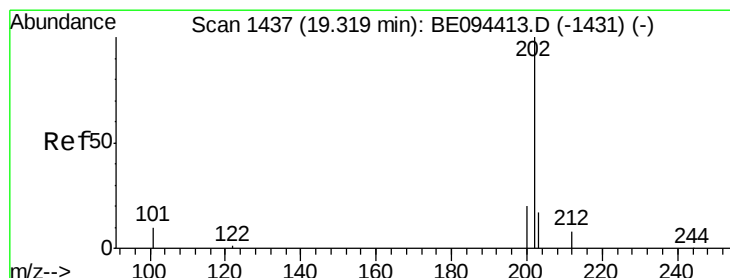
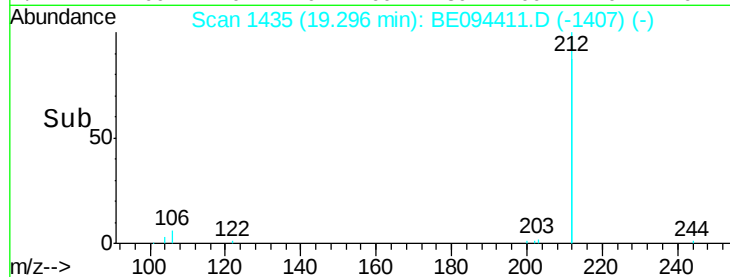
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#26

Fluoranthene

Concen: 0.139 ng

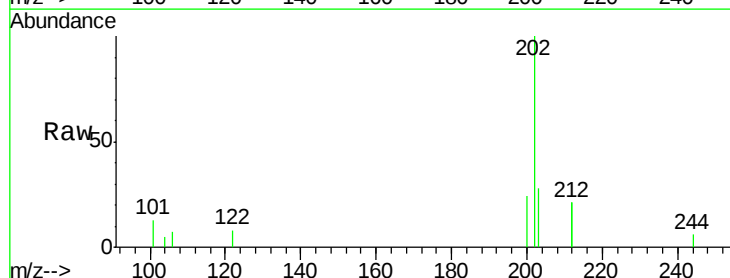
RT: 19.33 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

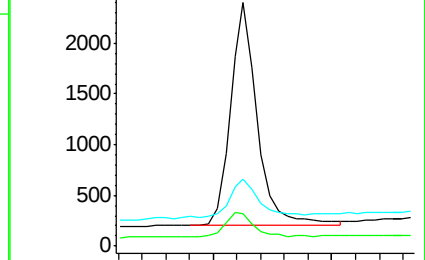
Tgt Ion:	202	Resp:	3494
Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.8
203	21.7	13.7	20.5#



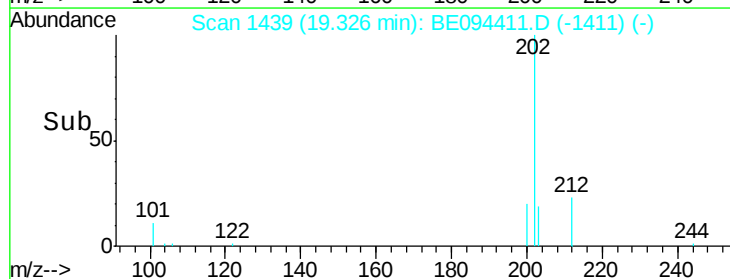
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.44 min Scan# 1657

Delta R.T. 0.01 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

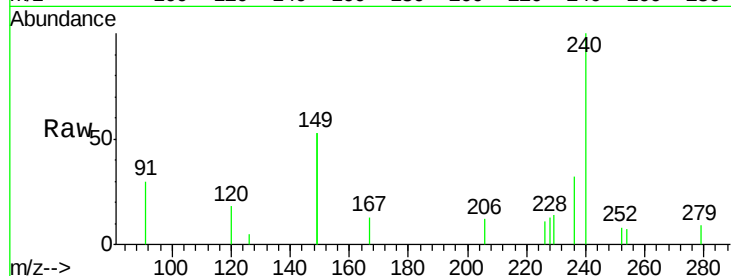
Tgt Ion:240 Resp: 9121

Ion Ratio Lower Upper

240 100

120 17.6 5.5 8.3#

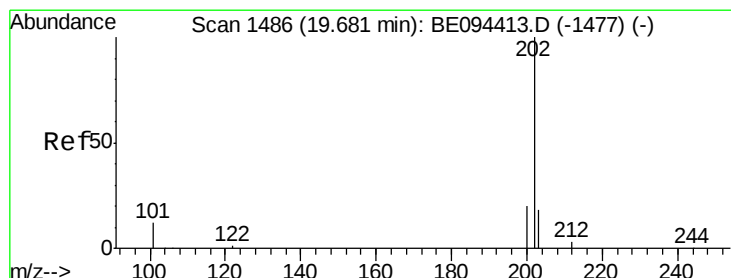
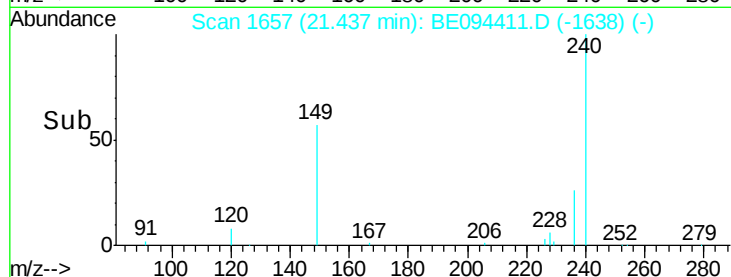
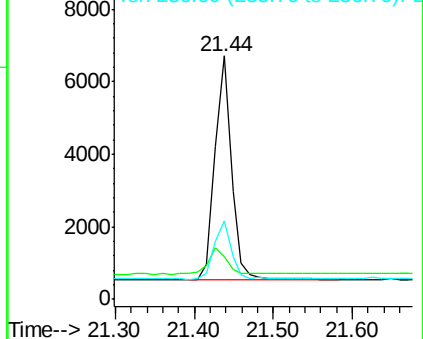
236 32.1 20.7 31.1#



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: 0.129 ng

RT: 19.69 min Scan# 1488

Delta R.T. 0.01 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

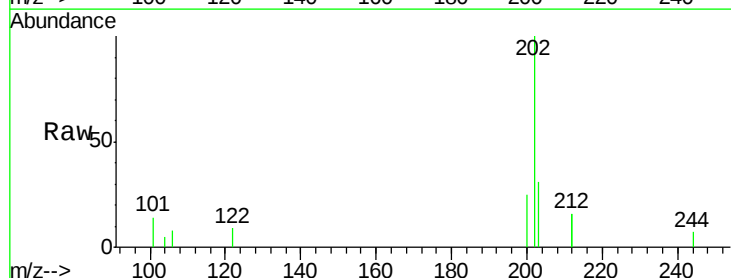
Tgt Ion:202 Resp: 3723

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

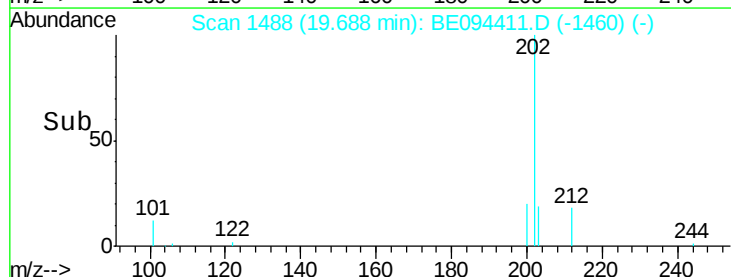
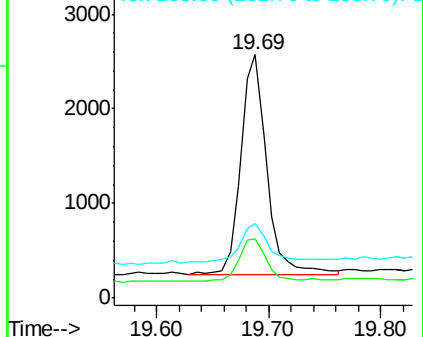
203 19.4 13.8 20.8

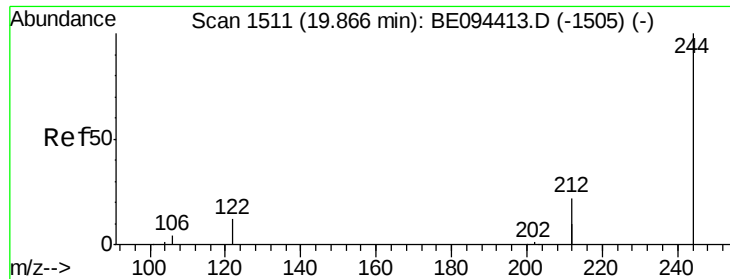


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.114 ng

RT: 19.87 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

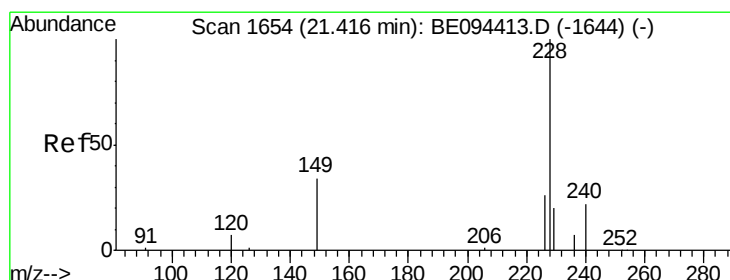
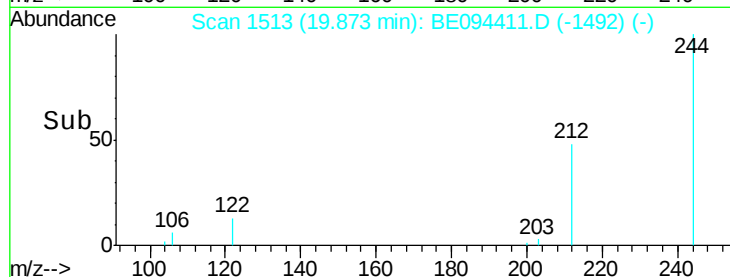
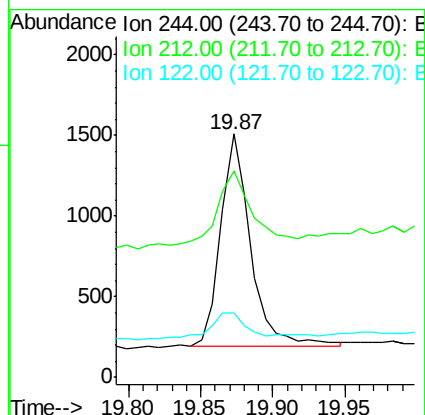
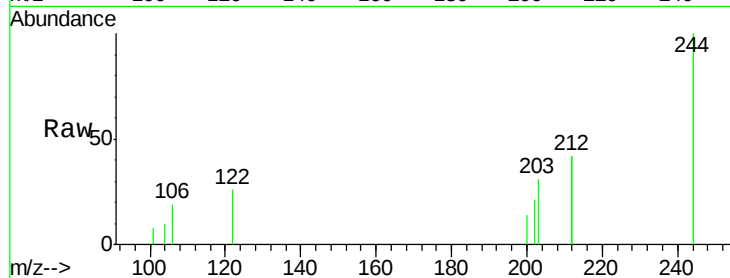
Tgt Ion: 244 Resp: 1897

Ion Ratio Lower Upper

244 100

212 84.6 25.4 38.0#

122 26.3 8.1 12.1#



#30

Benzo(a)anthracene

Concen: 0.112 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

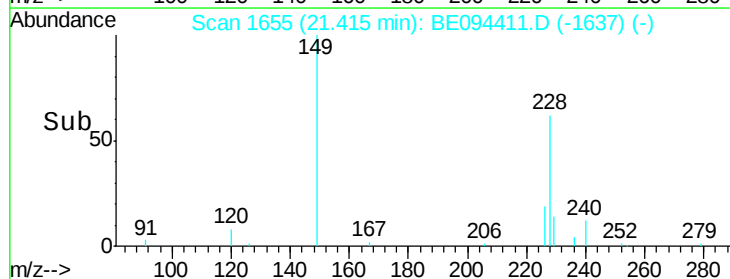
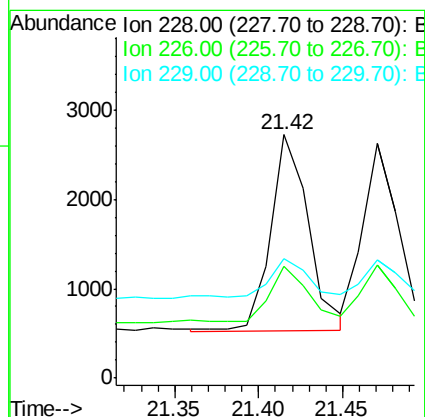
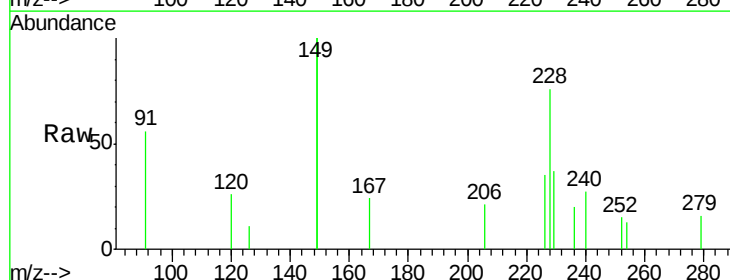
Tgt Ion: 228 Resp: 3437

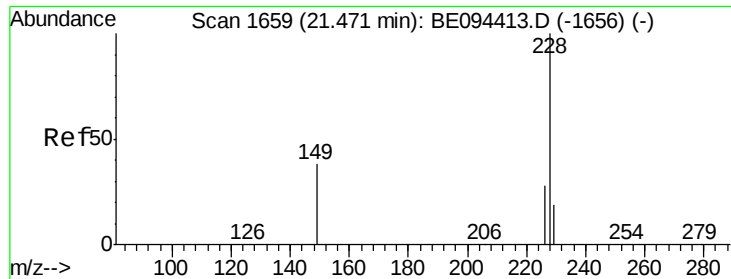
Ion Ratio Lower Upper

228 100

226 46.1 40.0 60.0

229 48.9 40.0 60.0





#31

Chrysene

Concen: 0.110 ng

RT: 21.47 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

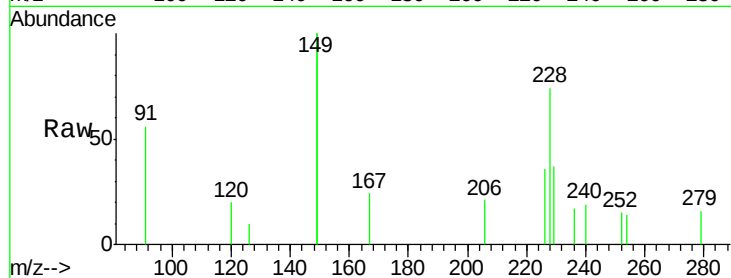
Tgt Ion: 228 Resp: 3250

Ion Ratio Lower Upper

228 100

226 48.3 40.0 60.0

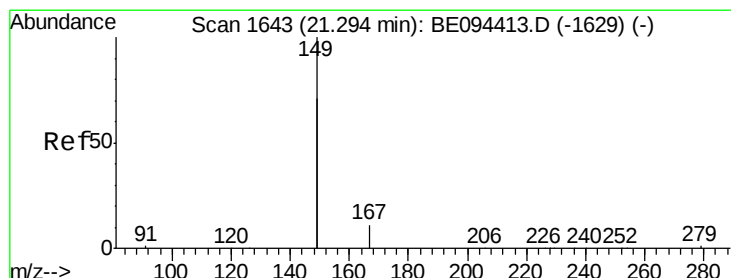
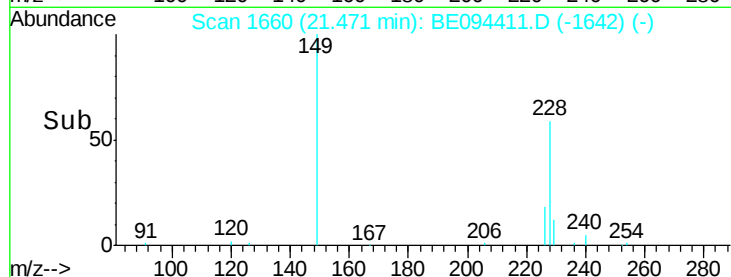
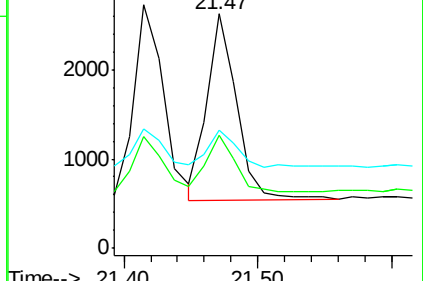
229 50.3 40.0 60.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.077 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.01 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

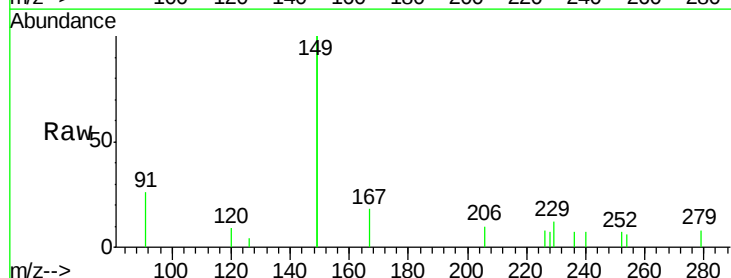
Tgt Ion: 149 Resp: 11262

Ion Ratio Lower Upper

149 100

167 8.8 5.4 8.0#

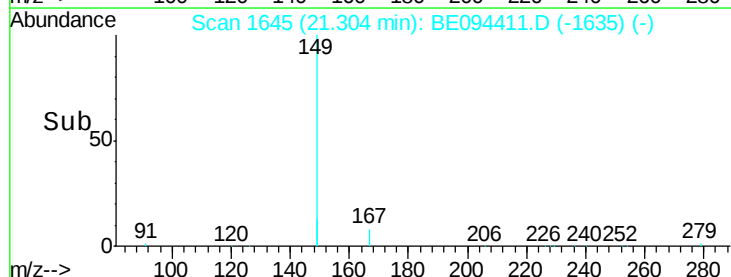
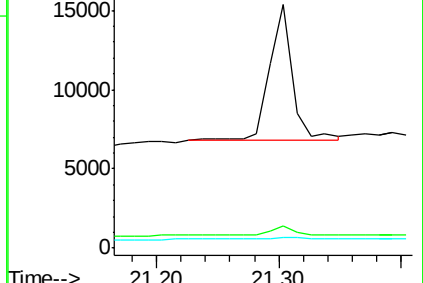
279 1.6 0.7 1.1#



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: 0.100 ng

RT: 26.67 min Scan# 2724

Delta R.T. 0.01 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

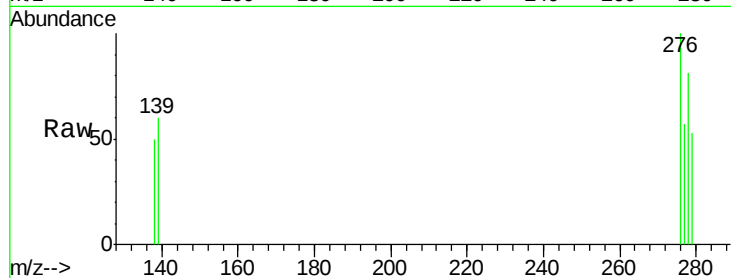
Tgt Ion:276 Resp: 3159

Ion Ratio Lower Upper

276 100

138 28.1 22.5 33.7

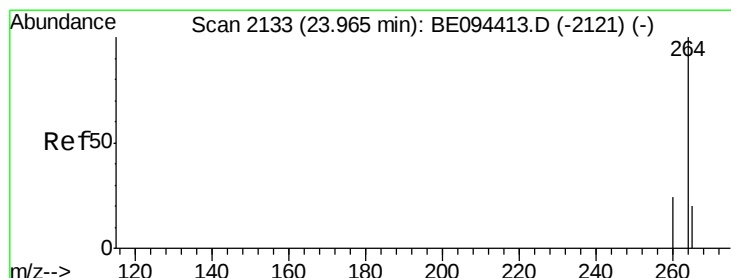
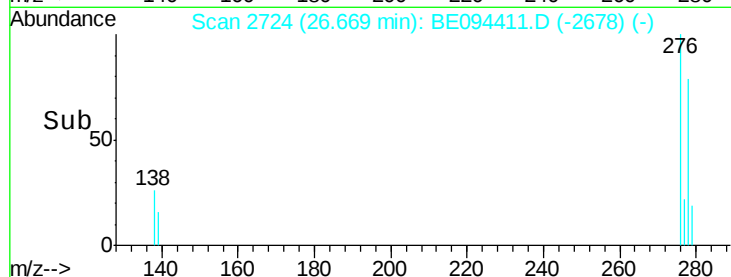
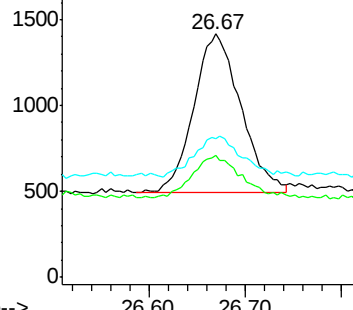
277 25.2 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.97 min Scan# 2135

Delta R.T. 0.01 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

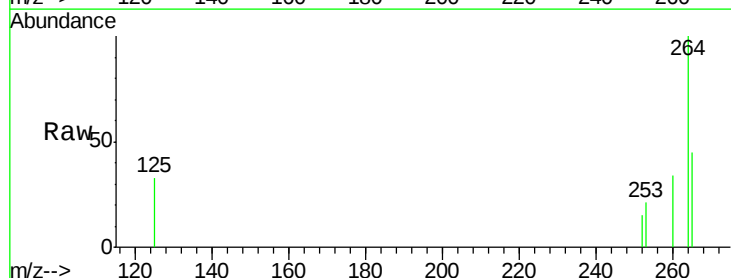
Tgt Ion:264 Resp: 8968

Ion Ratio Lower Upper

264 100

260 33.9 20.5 30.7#

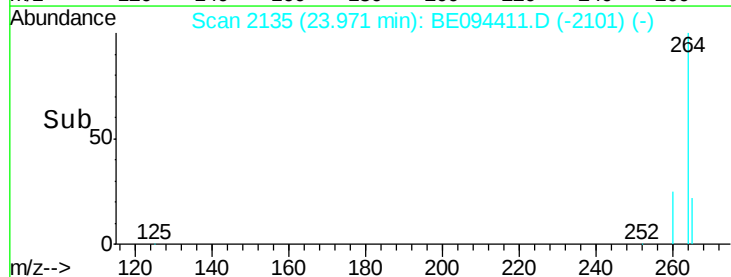
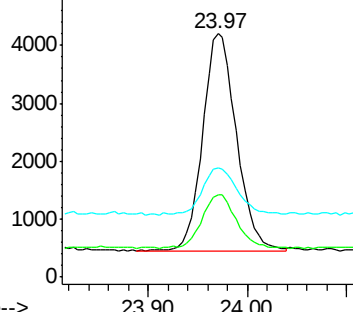
265 45.1 22.8 34.2#

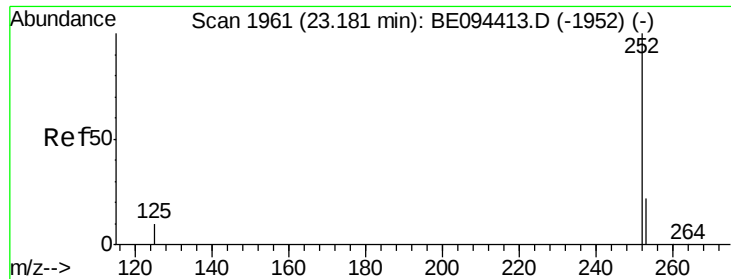


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.097 ng

RT: 23.19 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

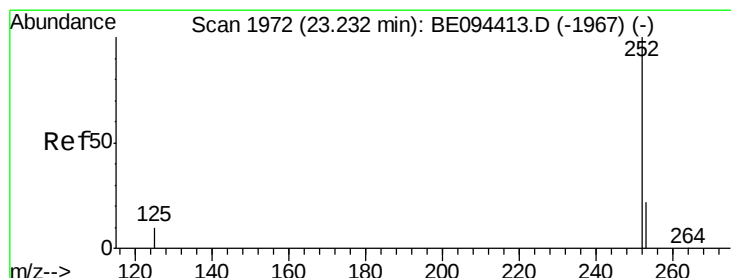
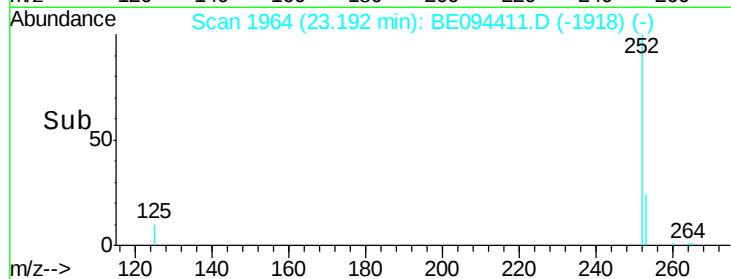
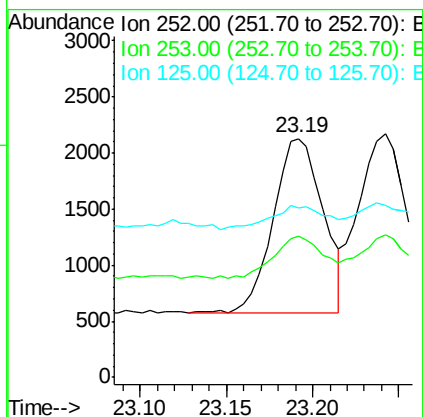
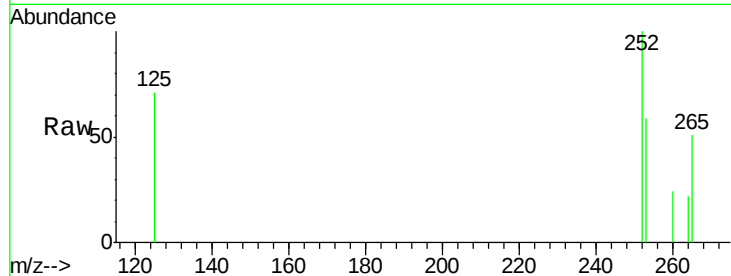
Tgt Ion:252 Resp: 3135

Ion Ratio Lower Upper

252 100

253 59.3 48.0 72.0

125 71.2 56.0 84.0



#36

Benzo(k)fluoranthene

Concen: 0.101 ng

RT: 23.24 min Scan# 1975

Delta R.T. 0.01 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

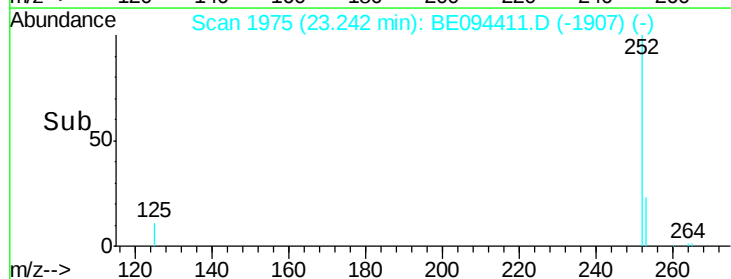
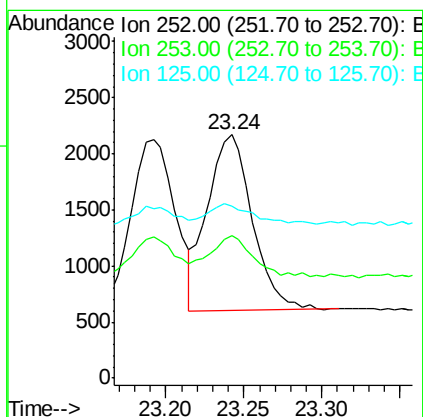
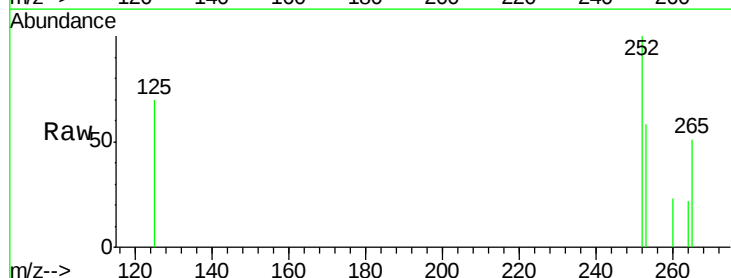
Tgt Ion:252 Resp: 3142

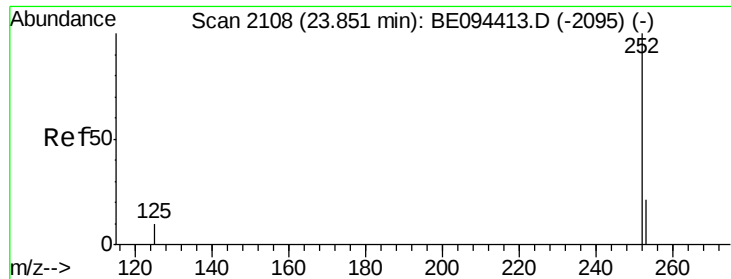
Ion Ratio Lower Upper

252 100

253 58.4 48.0 72.0

125 70.4 56.0 84.0





#37

Benzo(a)pyrene

Concen: 0.101 ng

RT: 23.86 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

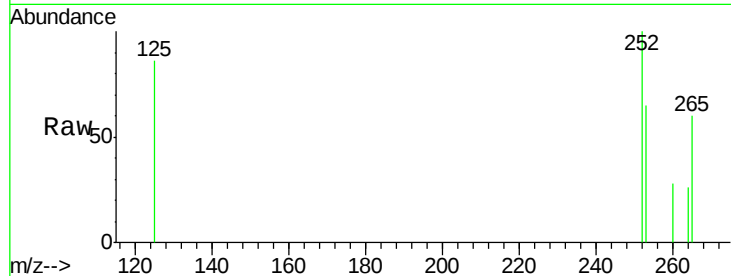
Tgt Ion: 252 Resp: 2960

Ion Ratio Lower Upper

252 100

253 64.8 52.0 78.0

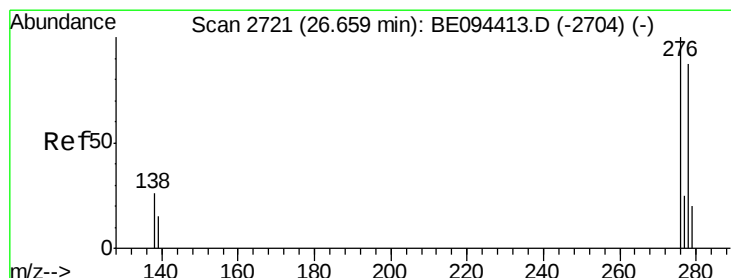
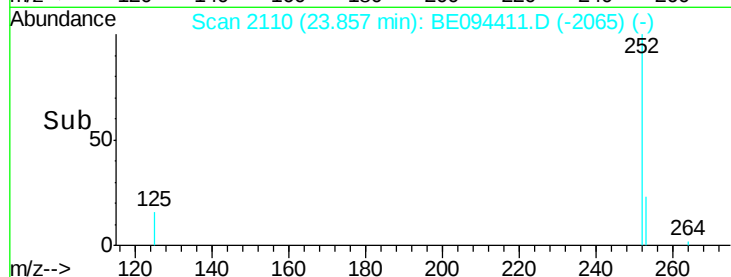
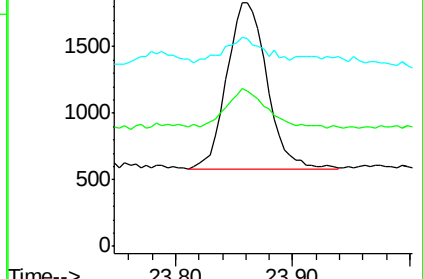
125 85.8 68.0 102.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.098 ng

RT: 26.67 min Scan# 2725

Delta R.T. 0.01 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

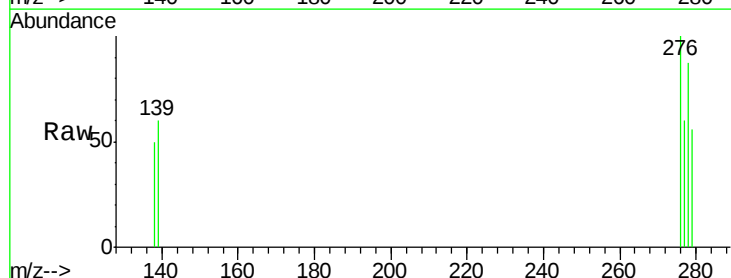
Tgt Ion: 278 Resp: 2705

Ion Ratio Lower Upper

278 100

139 68.4 56.0 84.0

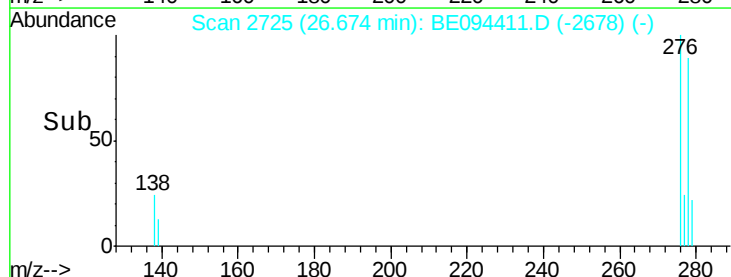
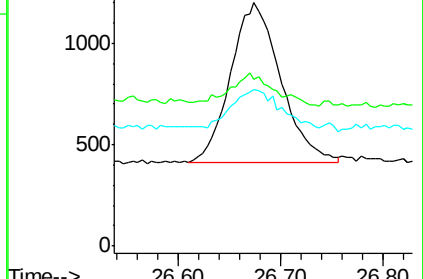
279 64.3 52.0 78.0

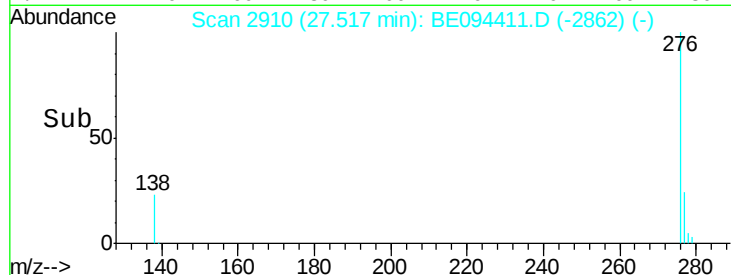
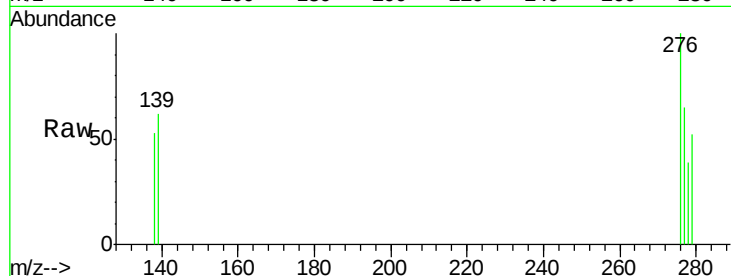
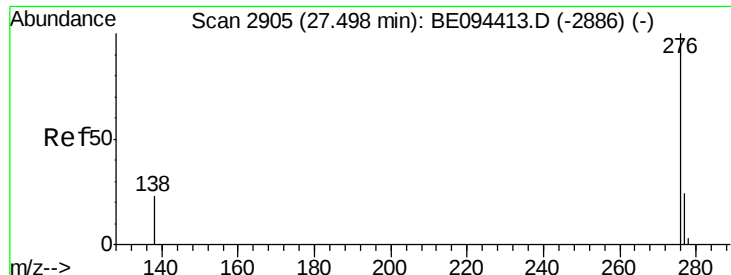


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.098 ng

RT: 27.52 min Scan# 2910

Delta R.T. 0.02 min

Lab File: BE094411.D

Acq: 16 Oct 2017 11:10

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tgt Ion: 276 Resp: 2694

Ion Ratio Lower Upper

276 100

277 64.8 52.0 78.0

138 53.2 44.0 66.0

