

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101617\
 Data File : BE094412.D
 Acq On : 16 Oct 2017 11:45
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Oct 16 14:18:58 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	1334	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	6861	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	3908	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	7399	0.40	ng	0.00
27) Chrysene-d12	21.44	240	9284	0.40	ng	0.01
34) Perylene-d12	23.97	264	8929	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	909	0.18	ng	0.01
5) Phenol-d6	7.13	99	1366	0.19	ng	0.00
8) Nitrobenzene-d5	9.08	82	1180	0.18	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	2134	0.20	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	266	0.11	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	2849	0.22	ng	0.01
25) Fluoranthene-d10	19.29	212	22476	0.31	ng	0.00
29) Terphenyl-d14	19.87	244	3814	0.23	ng	0.00

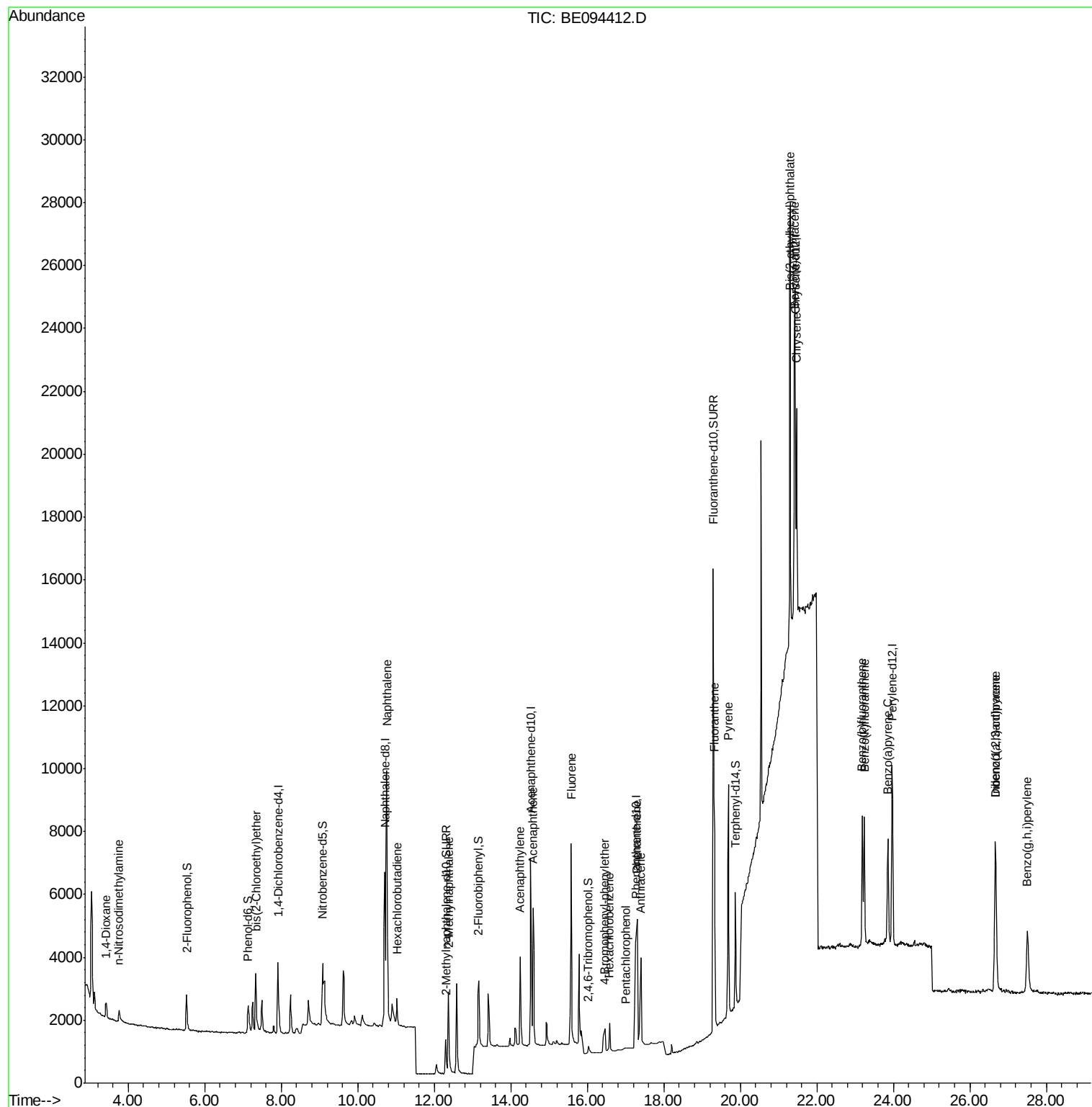
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	522	0.201	ng	# 78
3) n-Nitrosodimethylamine	3.75	42	491	0.148	ng	# 90
6) bis(2-Chloroethyl)ether	7.34	93	1024	0.188	ng	88
9) Naphthalene	10.76	128	15537	0.201	ng	99
10) Hexachlorobutadiene	11.02	225	648	0.223	ng	98
12) 2-Methylnaphthalene	12.37	142	2539	0.202	ng	100
16) Acenaphthylene	14.24	152	4249	0.217	ng	100
17) Acenaphthene	14.58	154	2698	0.220	ng	100
18) Fluorene	15.58	166	3440	0.207	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	706	0.233	ng	# 58
21) Hexachlorobenzene	16.58	284	1173	0.612	ng	# 86
22) Pentachlorophenol	17.01	266	92	0.052	ng	97
23) Phenanthrene	17.30	178	6722	0.355	ng	96
24) Anthracene	17.40	178	4455	0.224	ng	97
26) Fluoranthene	19.32	202	6920	0.326	ng	99
28) Pyrene	19.68	202	7259	0.247	ng	98
30) Benzo(a)anthracene	21.42	228	6606	0.211	ng	# 78
31) Chrysene	21.47	228	6168	0.204	ng	# 79
32) Bis(2-ethylhexyl)phthalate	21.30	149	20275	0.135	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.67	276	6299	0.195	ng	98
35) Benzo(b)fluoranthene	23.19	252	6344	0.197	ng	# 69
36) Benzo(k)fluoranthene	23.24	252	6095	0.198	ng	# 69
37) Benzo(a)pyrene	23.86	252	5747	0.197	ng	# 67
38) Dibenzo(a,h)anthracene	26.67	278	5487	0.199	ng	# 74
39) Benzo(g,h,i)perylene	27.50	276	5176	0.190	ng	# 80

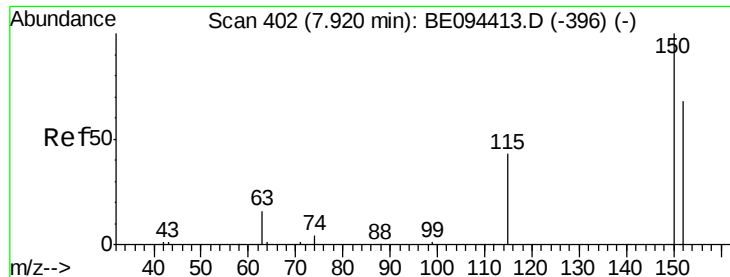
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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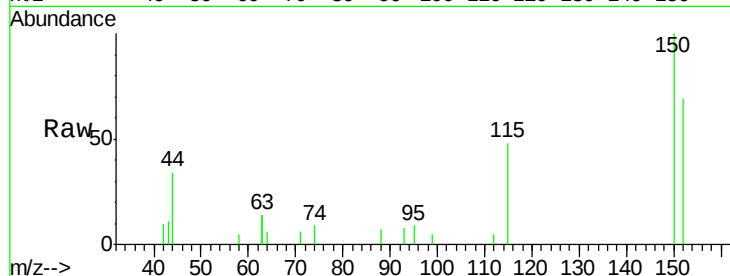


#1

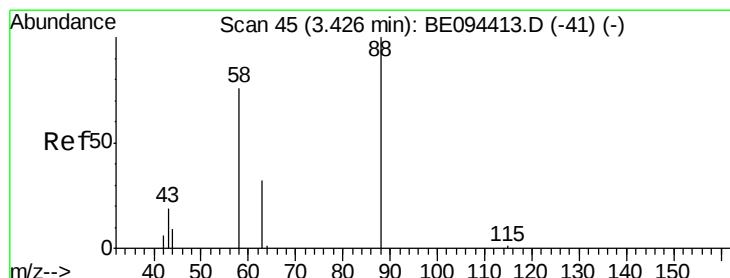
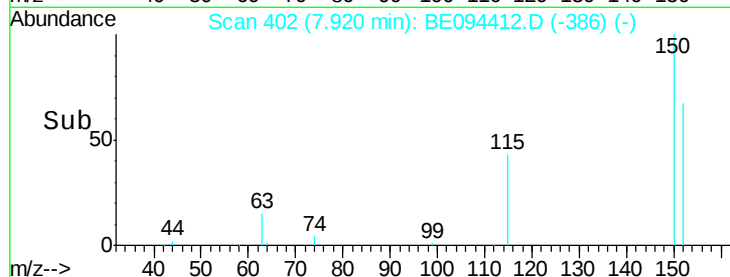
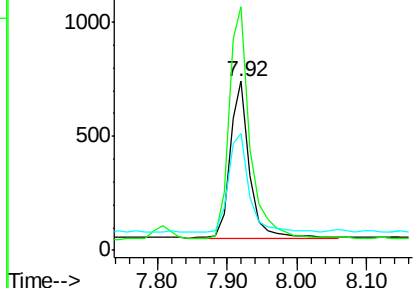
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE094412.D
Acq: 16 Oct 2017 11:45

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tgt Ion: 152 Resp: 1334
Ion Ratio Lower Upper
152 100
150 144.2 117.2 175.8
115 69.6 57.0 85.6



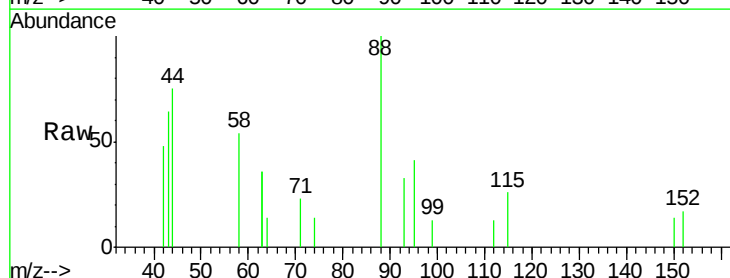
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



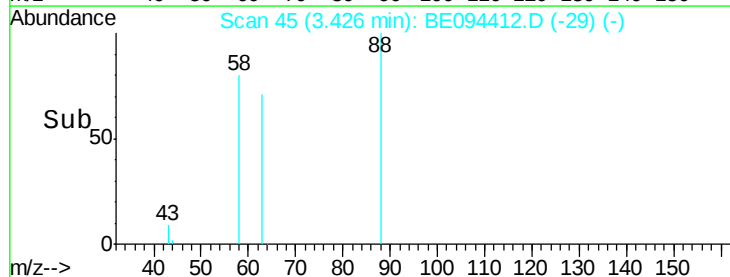
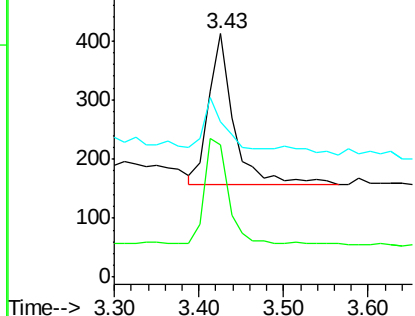
#2

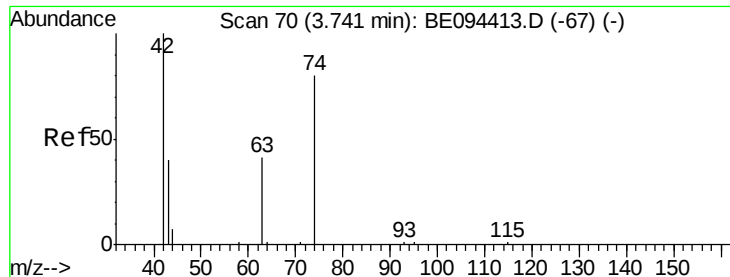
1,4-Dioxane
Concen: 0.201 ng
RT: 3.43 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE094412.D
Acq: 16 Oct 2017 11:45

Tgt Ion: 88 Resp: 522
Ion Ratio Lower Upper
88 100
58 66.7 63.2 94.8
43 28.4 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



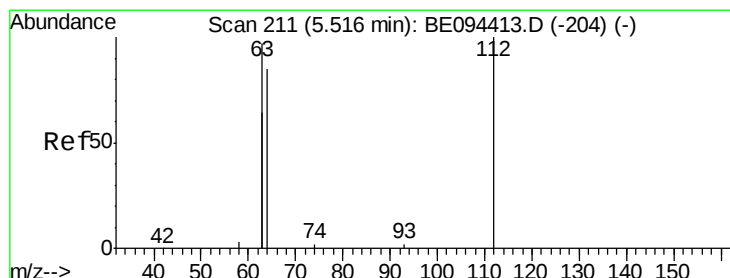
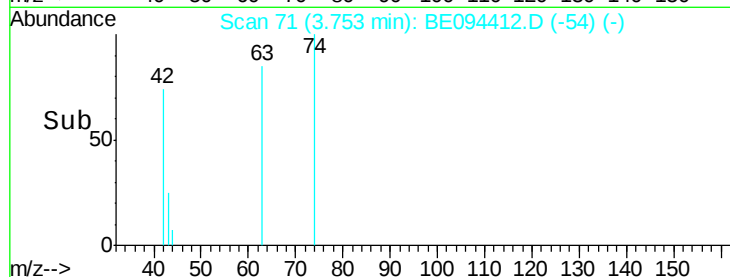
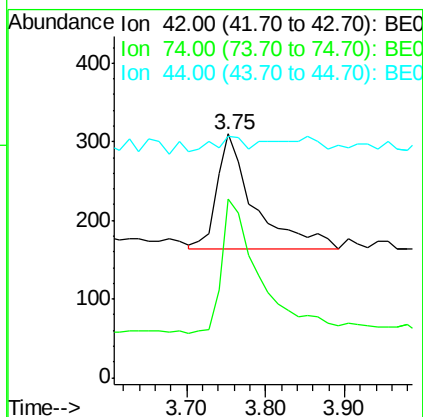
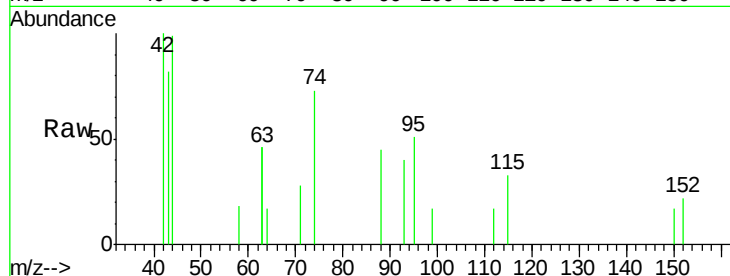


#3

n-Nitrosodimethylamine
 Concen: 0.148 ng
 RT: 3.75 min Scan# 71
 Delta R.T. 0.01 min
 Lab File: BE094412.D
 Acq: 16 Oct 2017 11:45

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

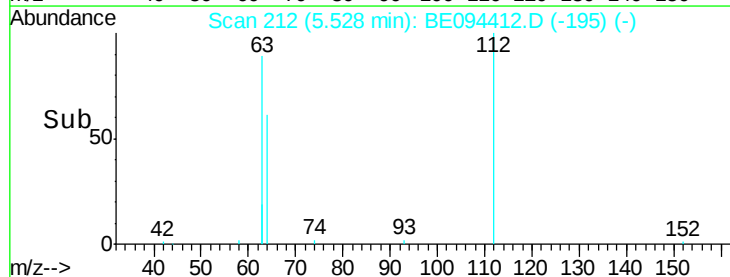
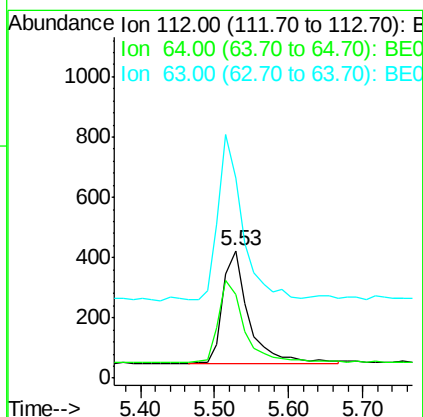
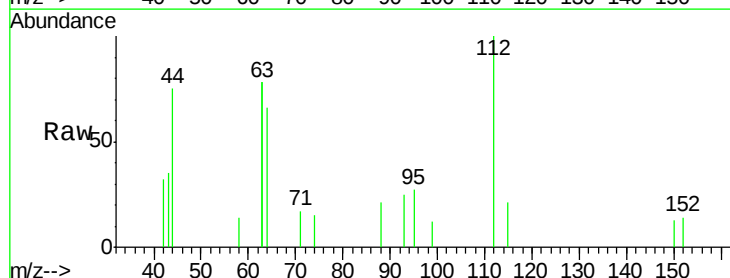
Tgt Ion: 42 Resp: 491
 Ion Ratio Lower Upper
 42 100
 74 116.1 100.3 150.5
 44 10.0 17.0 25.4#

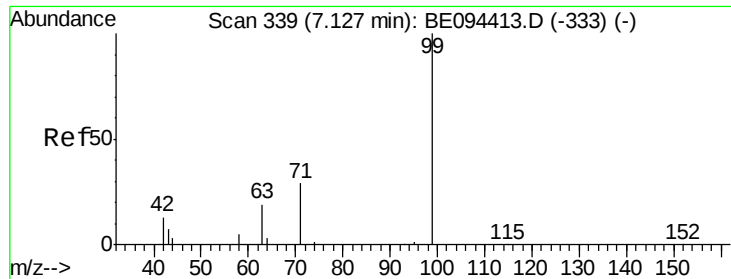


#4

2-Fluorophenol
 Concen: 0.180 ng
 RT: 5.53 min Scan# 212
 Delta R.T. 0.01 min
 Lab File: BE094412.D
 Acq: 16 Oct 2017 11:45

Tgt Ion: 112 Resp: 909
 Ion Ratio Lower Upper
 112 100
 64 72.2 60.1 90.1
 63 136.1 116.8 175.2





#5

Phenol-d6

Concen: 0.194 ng

RT: 7.13 min Scan# 339

Delta R.T. -0.00 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

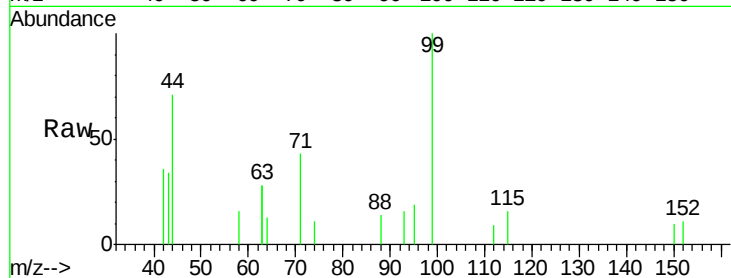
Tgt Ion: 99 Resp: 1366

Ion Ratio Lower Upper

99 100

42 20.4 20.2 30.2

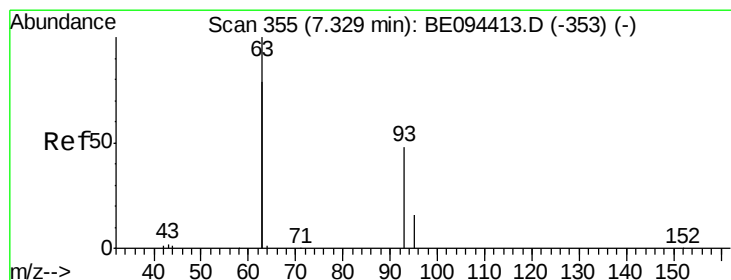
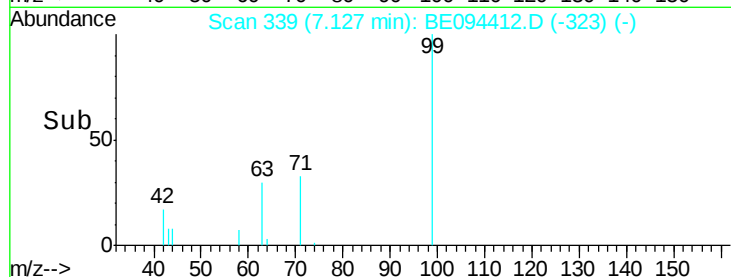
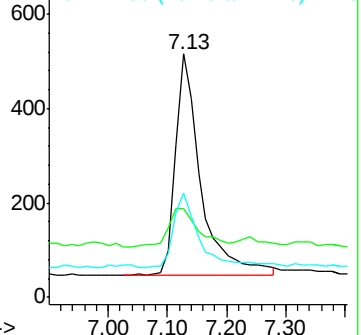
71 35.4 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.188 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.01 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

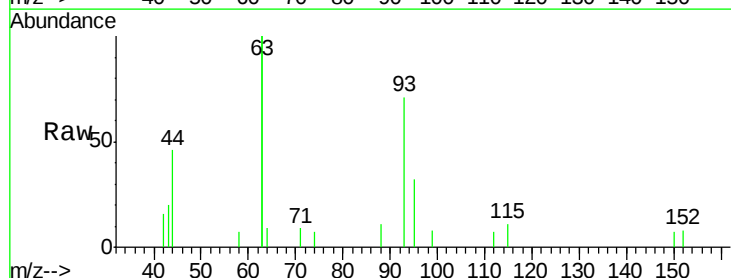
Tgt Ion: 93 Resp: 1024

Ion Ratio Lower Upper

93 100

63 316.9 275.3 412.9

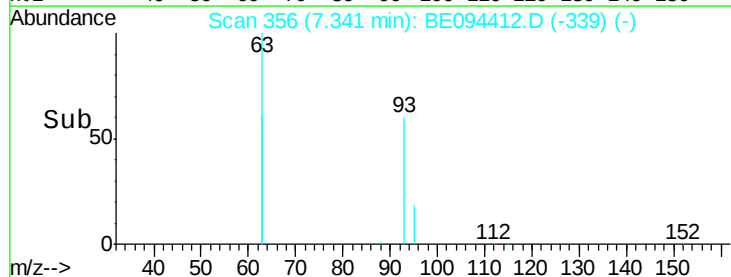
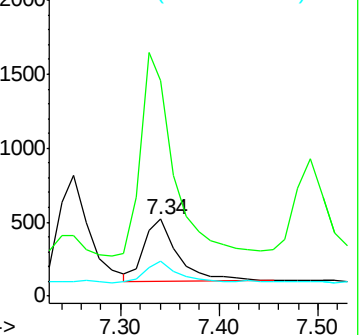
95 32.6 25.2 37.8

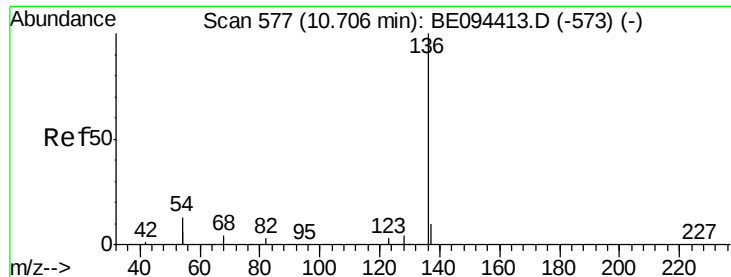


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tgt Ion:136 Resp: 6861

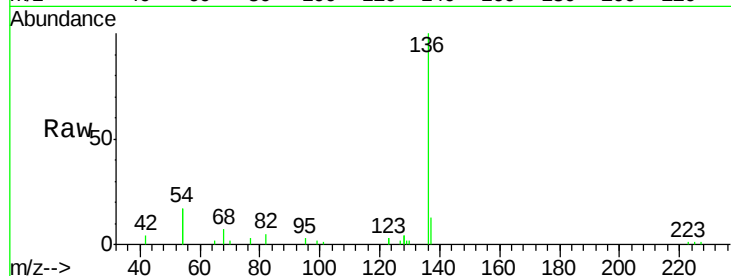
Ion Ratio Lower Upper

136 100

137 12.8 9.5 14.3

54 34.0 29.1 43.7

68 7.2 6.2 9.2

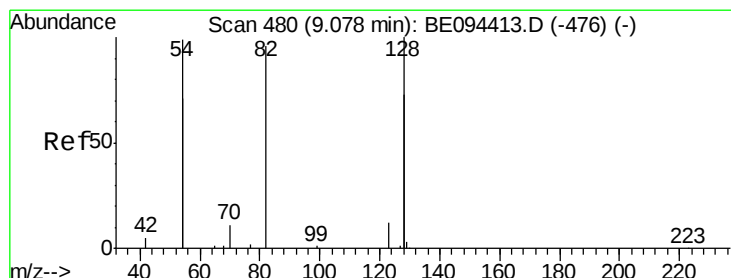
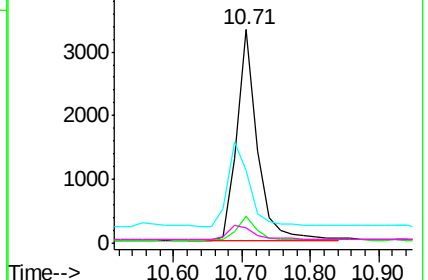
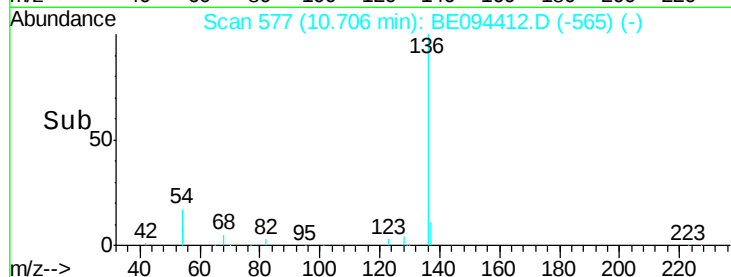


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.178 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

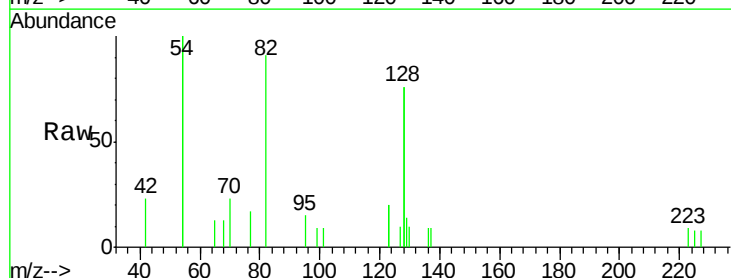
Tgt Ion: 82 Resp: 1180

Ion Ratio Lower Upper

82 100

128 167.5 150.0 225.0

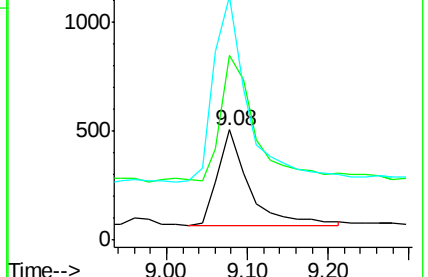
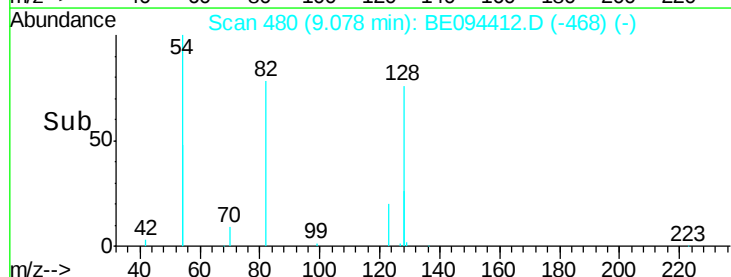
54 221.0 154.2 231.4

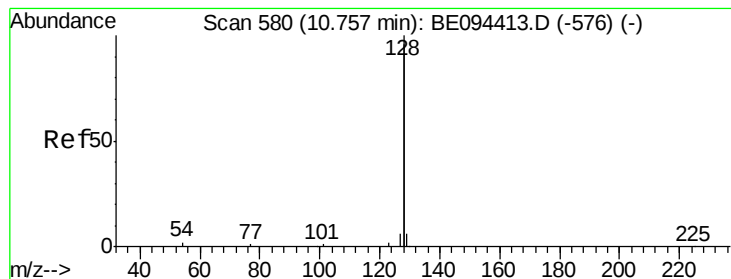


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.201 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

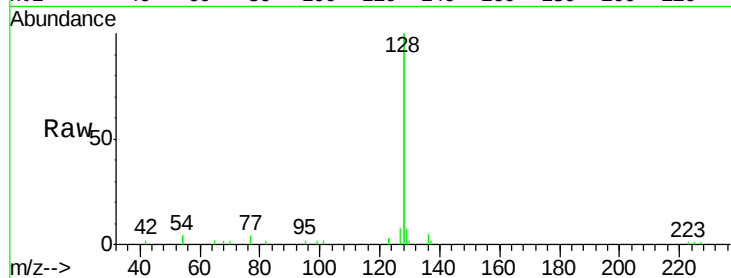
Tgt Ion:128 Resp: 15537

Ion Ratio Lower Upper

128 100

129 3.5 2.6 3.8

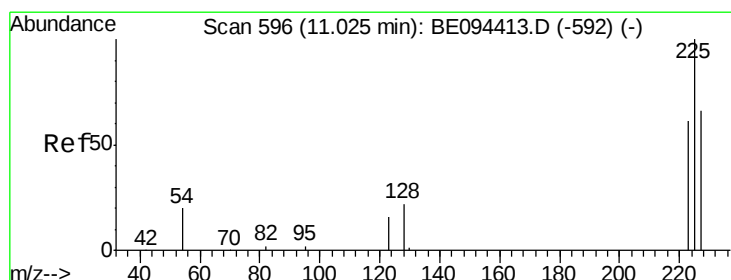
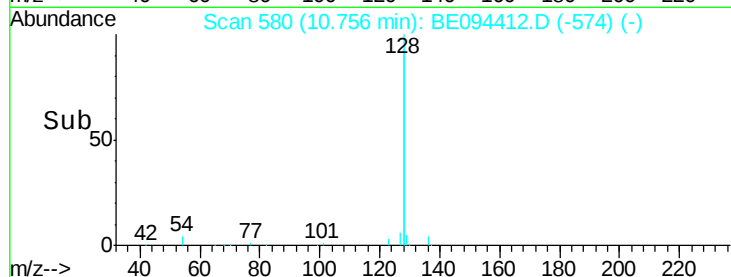
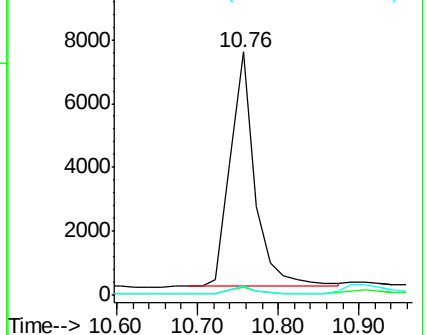
127 3.8 2.8 4.2



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: 0.223 ng

RT: 11.02 min Scan# 596

Delta R.T. -0.00 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

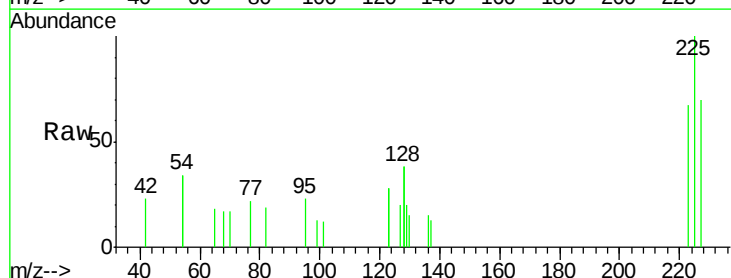
Tgt Ion:225 Resp: 648

Ion Ratio Lower Upper

225 100

223 63.3 53.0 79.6

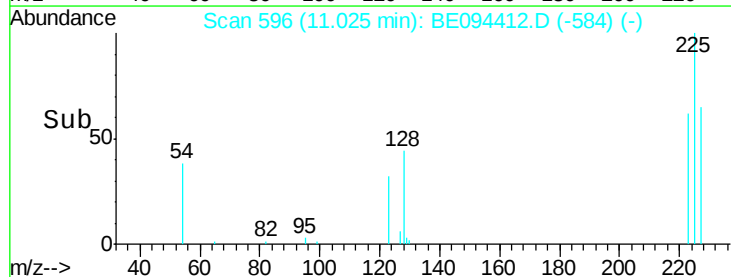
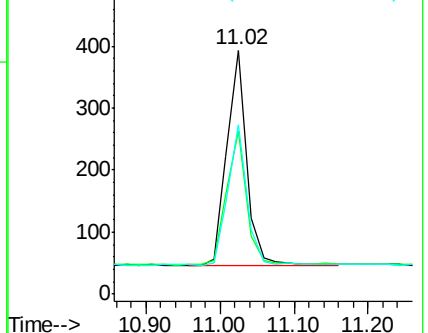
227 63.6 51.4 77.2

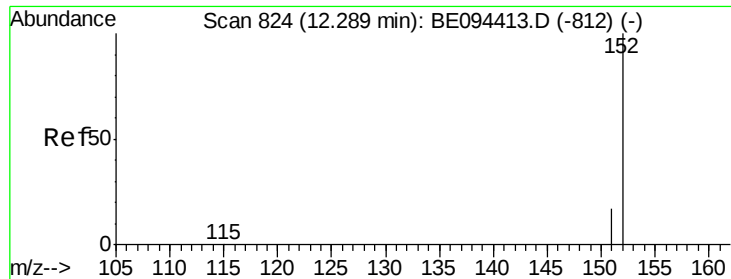


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

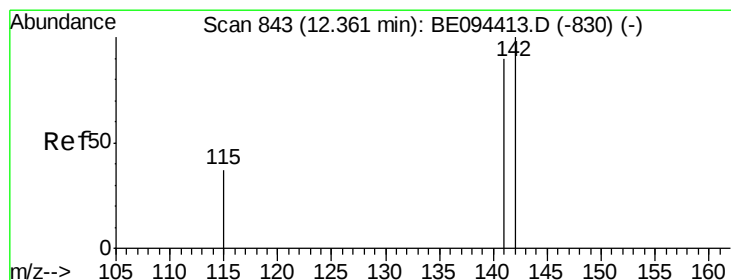
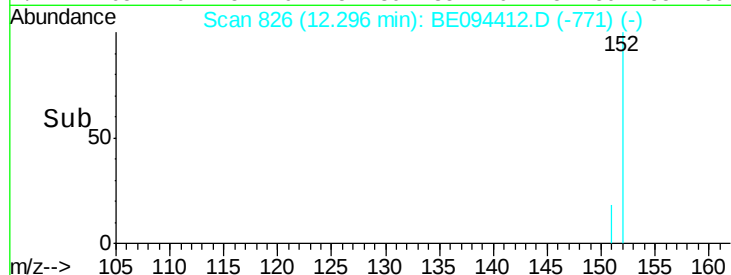
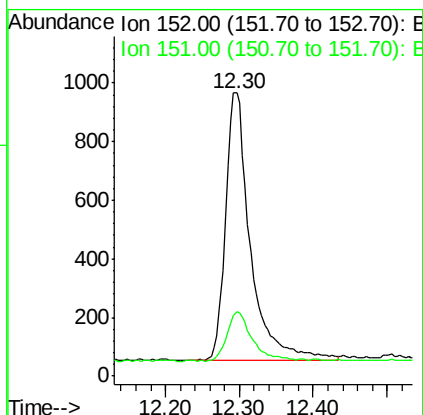
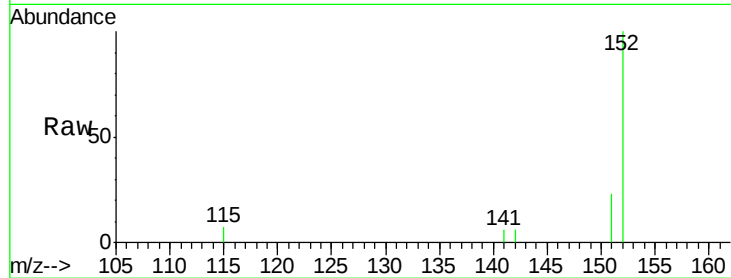




#11
 2-Methylnaphthalene-d10
 Concen: 0.202 ng
 RT: 12.30 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BE094412.D
 Acq: 16 Oct 2017 11:45

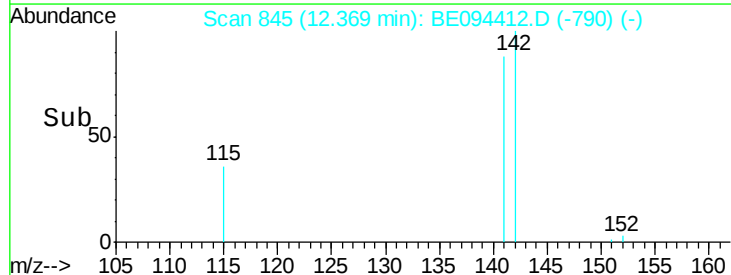
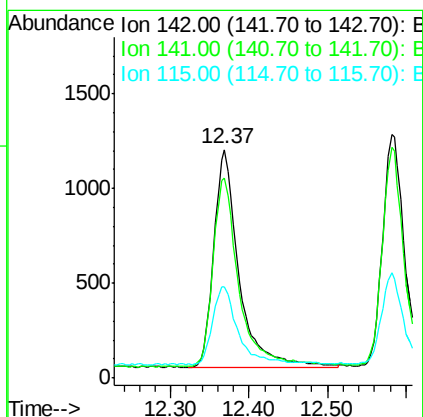
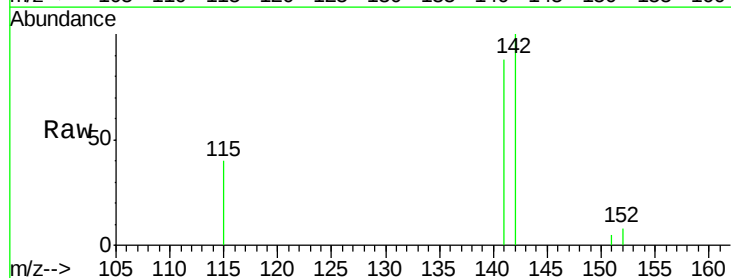
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

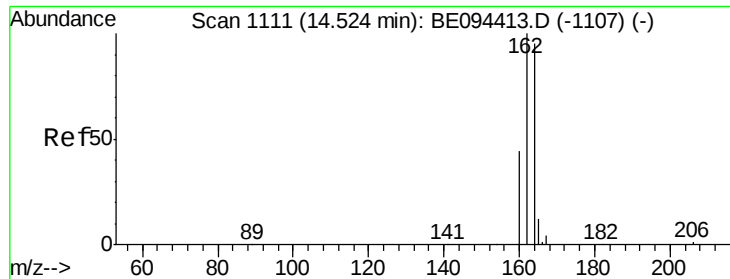
Tgt Ion:152 Resp: 2134
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.202 ng
 RT: 12.37 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: BE094412.D
 Acq: 16 Oct 2017 11:45

Tgt Ion:142 Resp: 2539
 Ion Ratio Lower Upper
 142 100
 141 87.6 70.4 105.6
 115 39.8 31.7 47.5

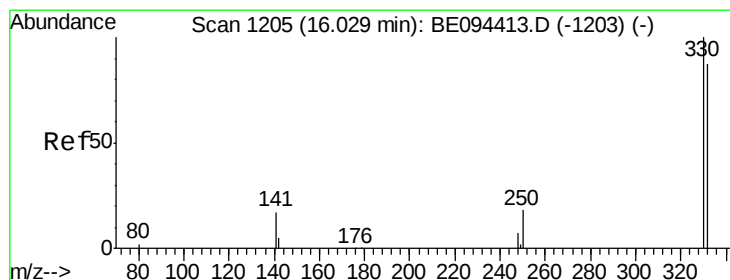
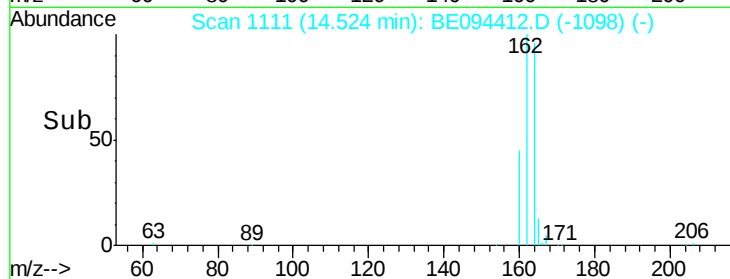
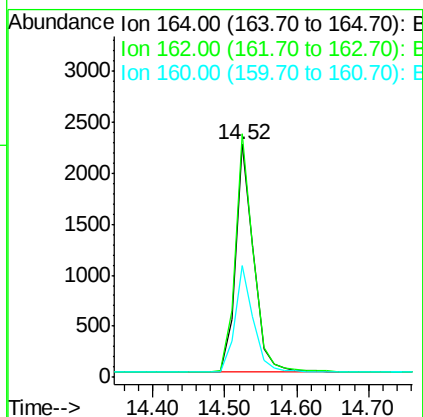
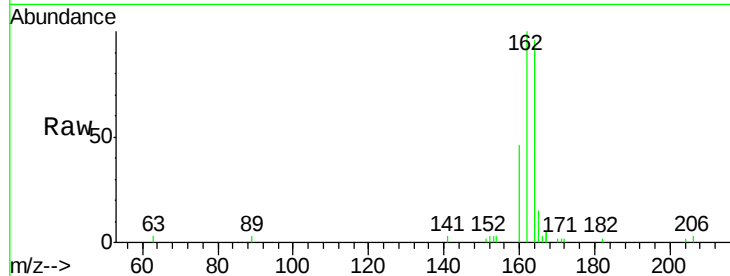




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE094412.D
Acq: 16 Oct 2017 11:45

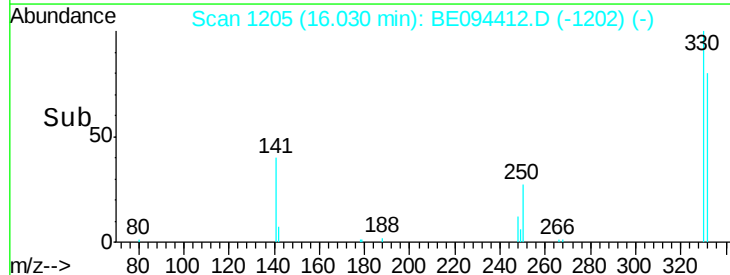
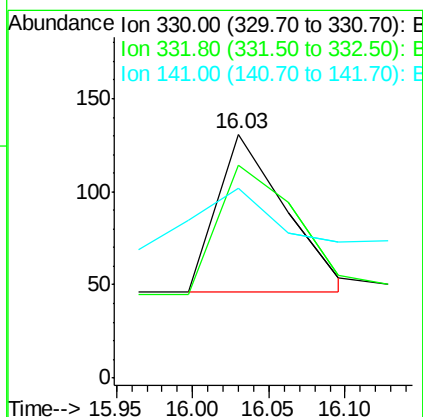
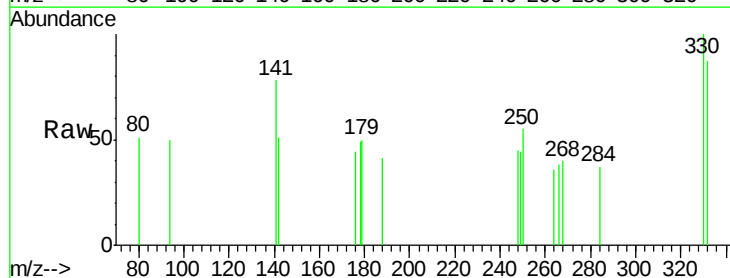
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

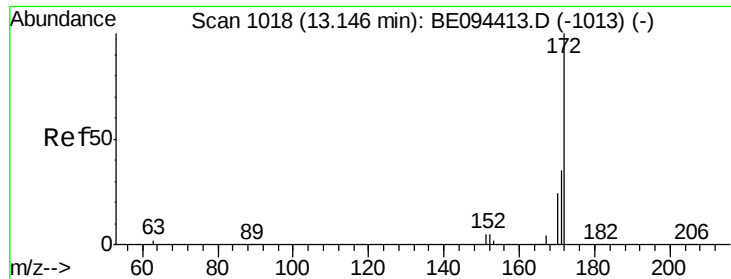
Tgt Ion:164 Resp: 3908
Ion Ratio Lower Upper
164 100
162 104.6 83.1 124.7
160 47.9 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.106 ng
RT: 16.03 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094412.D
Acq: 16 Oct 2017 11:45

Tgt Ion:330 Resp: 266
Ion Ratio Lower Upper
330 100
332 94.0 152.7 229.1#
141 24.8 33.7 50.5#

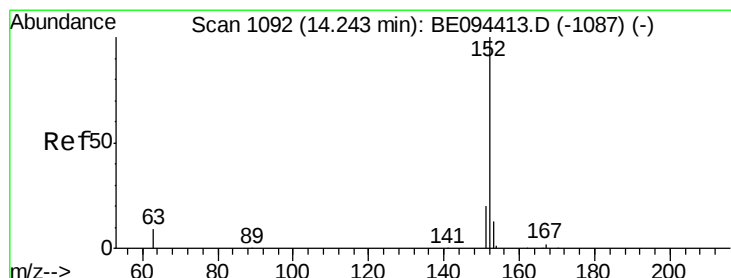
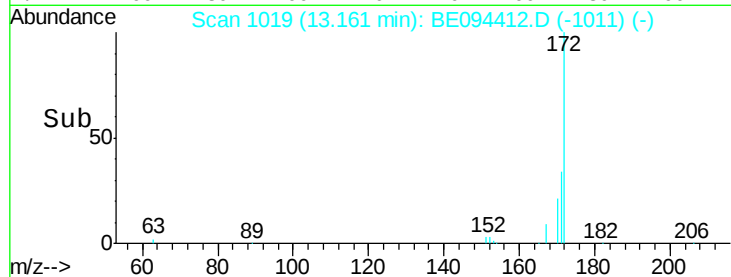
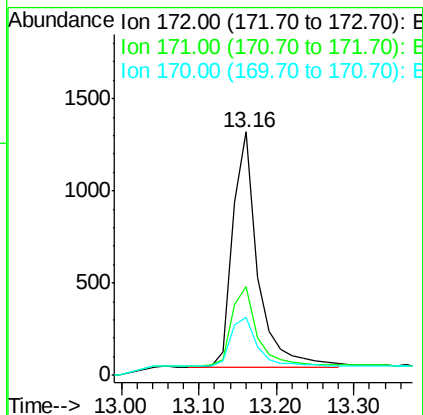
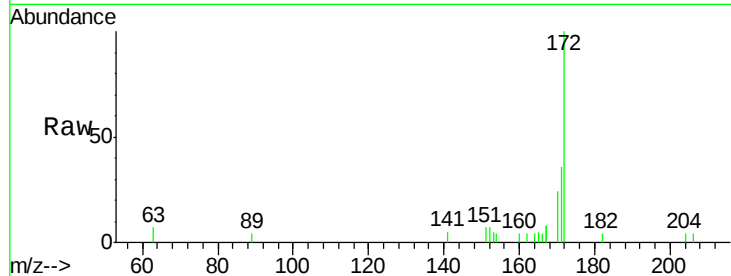




#15
2-Fluorobiphenyl
Concen: 0.221 ng
RT: 13.16 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BE094412.D
Acq: 16 Oct 2017 11:45

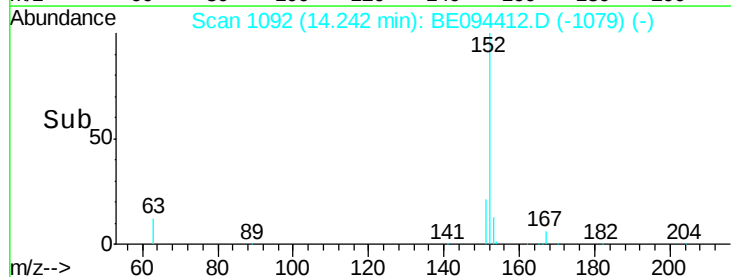
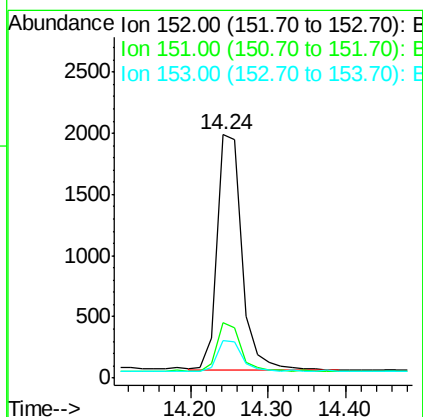
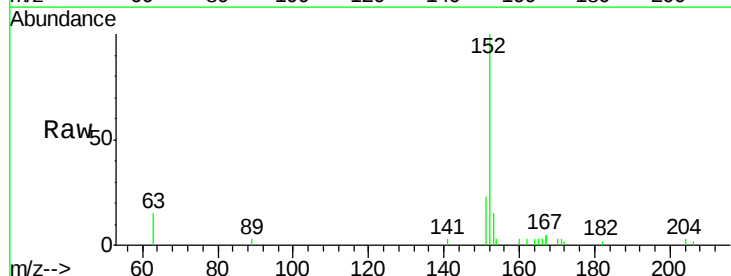
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

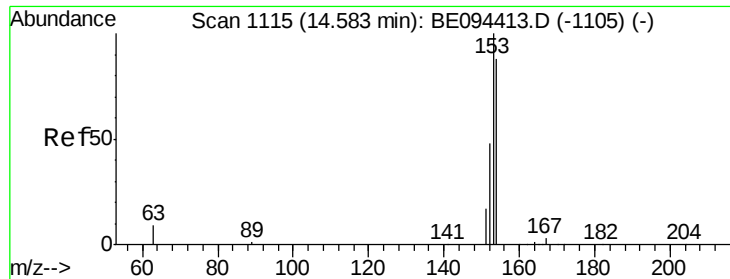
Tgt Ion:172 Resp: 2849
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 23.8 21.8 32.8



#16
Acenaphthylene
Concen: 0.217 ng
RT: 14.24 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BE094412.D
Acq: 16 Oct 2017 11:45

Tgt Ion:152 Resp: 4249
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.220 ng

RT: 14.58 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

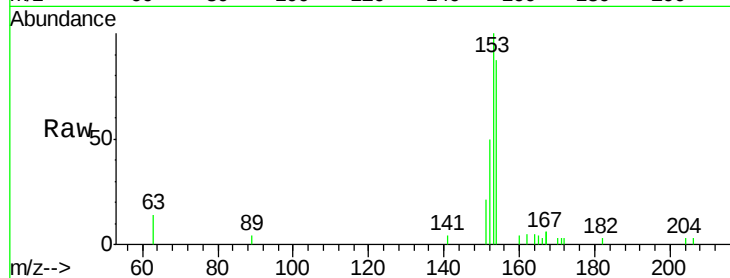
Tgt Ion:154 Resp: 2698

Ion Ratio Lower Upper

154 100

153 112.0 89.2 133.8

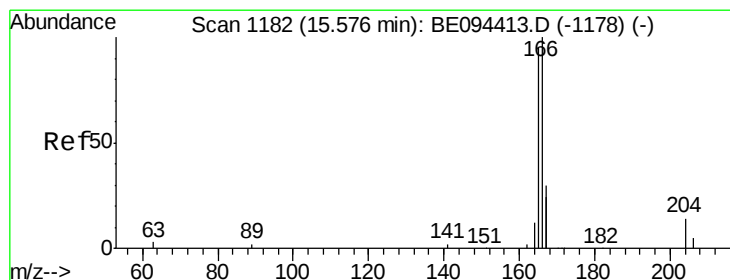
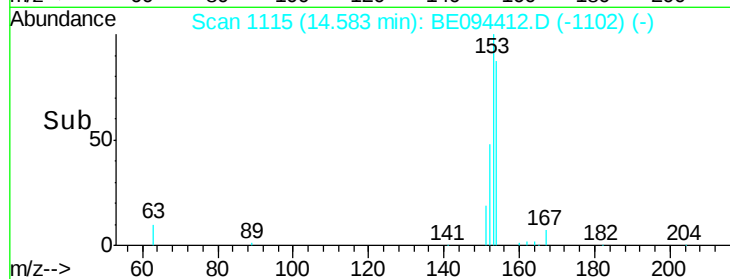
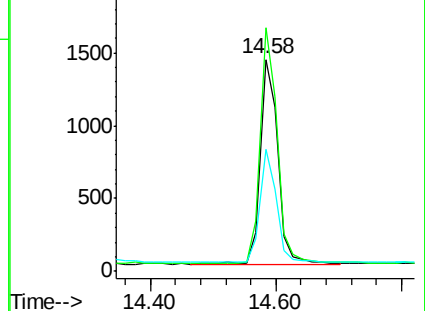
152 52.4 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.207 ng

RT: 15.58 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

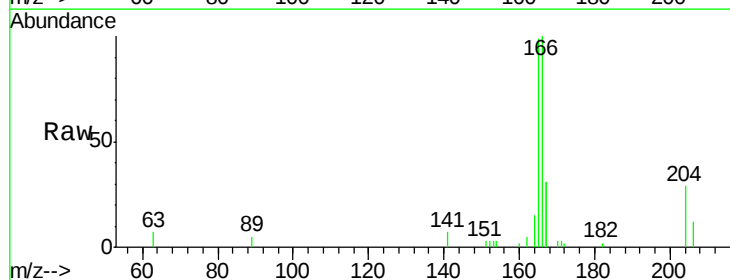
Tgt Ion:166 Resp: 3440

Ion Ratio Lower Upper

166 100

165 97.4 77.8 116.6

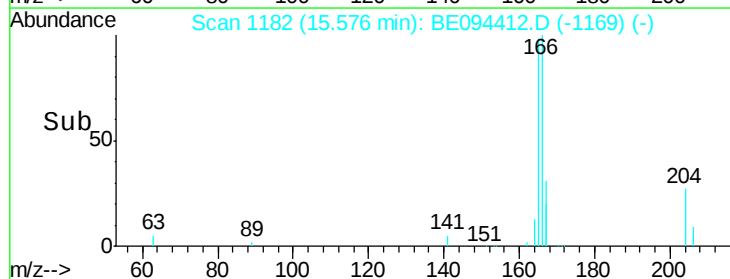
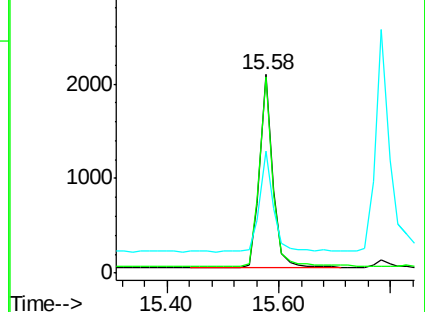
167 54.2 42.4 63.6

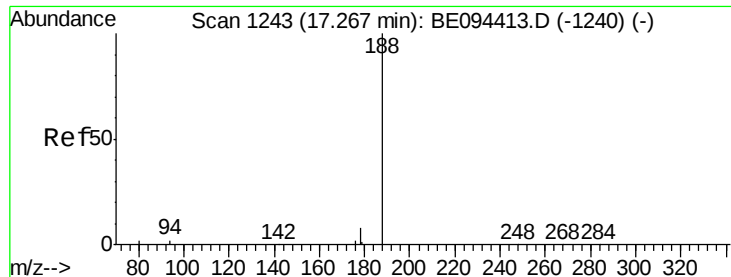


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1243

Delta R.T. 0.00 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

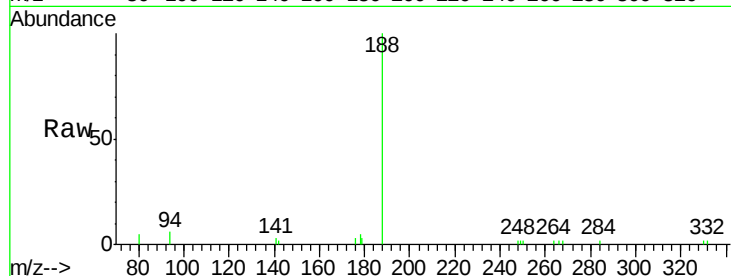
Tgt Ion:188 Resp: 7399

Ion Ratio Lower Upper

188 100

94 5.6 3.9 5.9

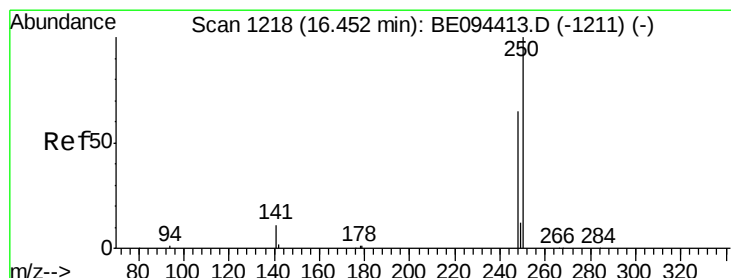
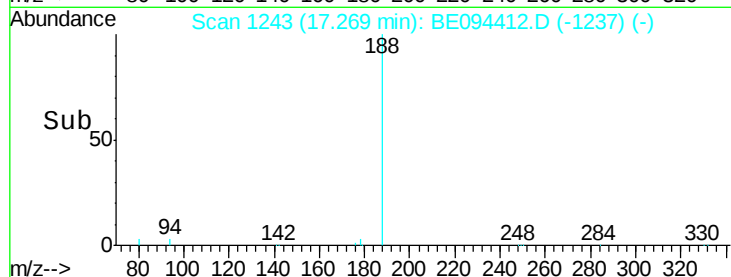
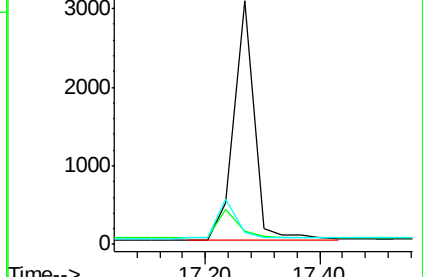
80 5.2 3.6 5.4



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: 0.233 ng

RT: 16.45 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

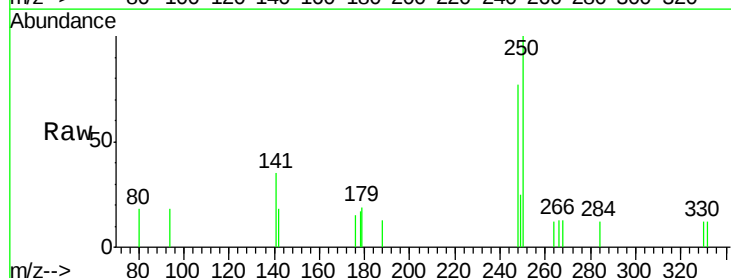
Tgt Ion:248 Resp: 706

Ion Ratio Lower Upper

248 100

250 130.5 62.7 94.1#

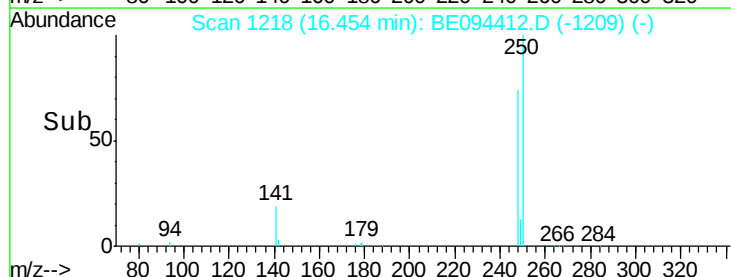
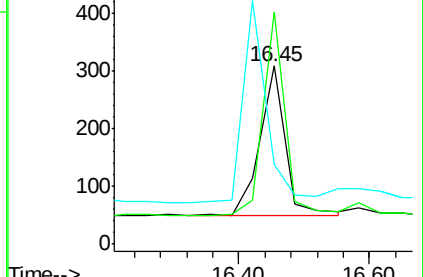
141 45.1 48.2 72.2#

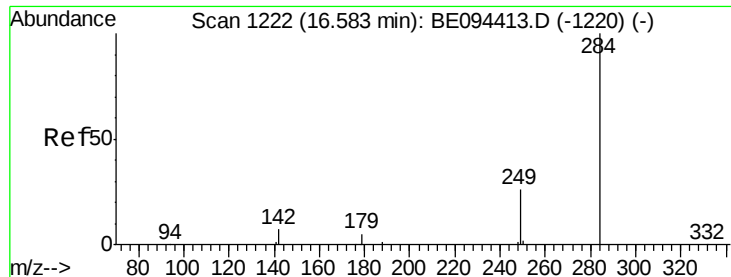


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

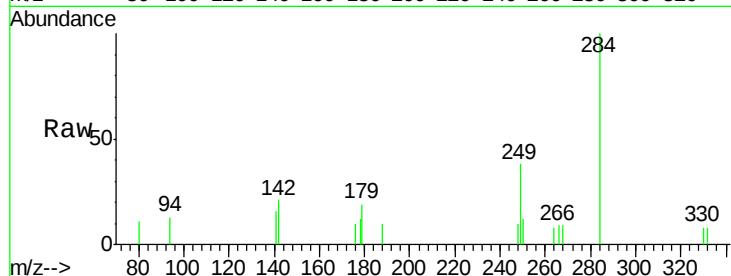




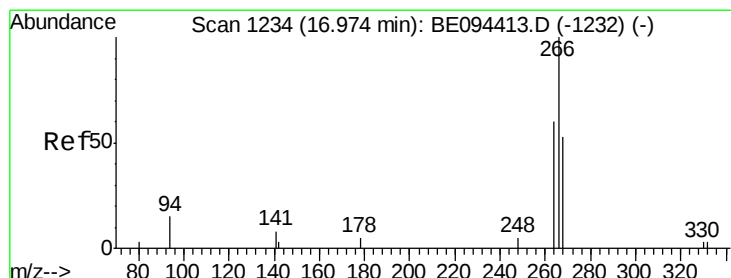
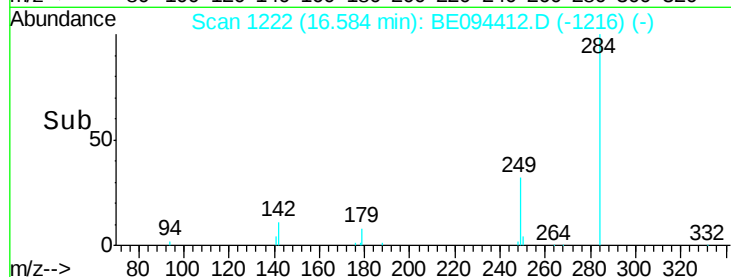
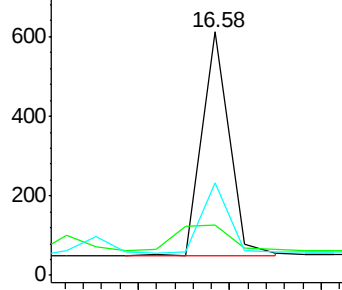
#21
Hexachlorobenzene
Concen: 0.612 ng
RT: 16.58 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094412.D
Acq: 16 Oct 2017 11:45

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tgt Ion: 284 Resp: 1173
Ion Ratio Lower Upper
284 100
142 23.0 22.1 33.1
249 31.9 34.8 52.2#

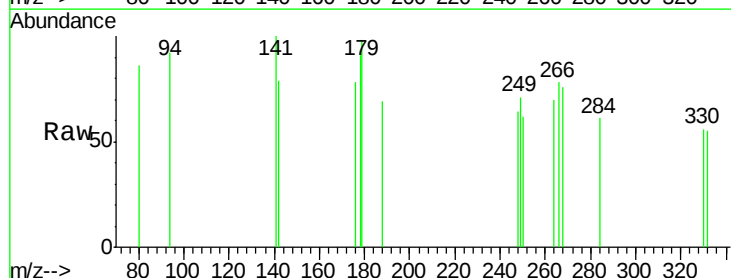


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

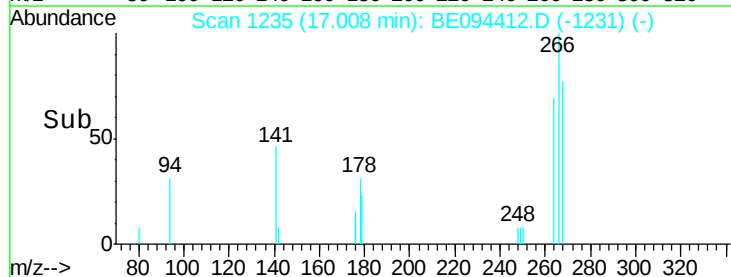
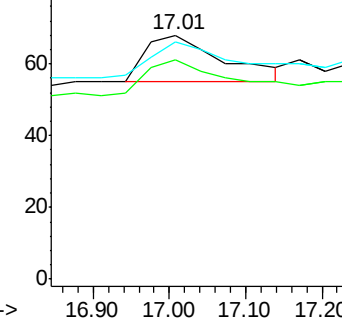


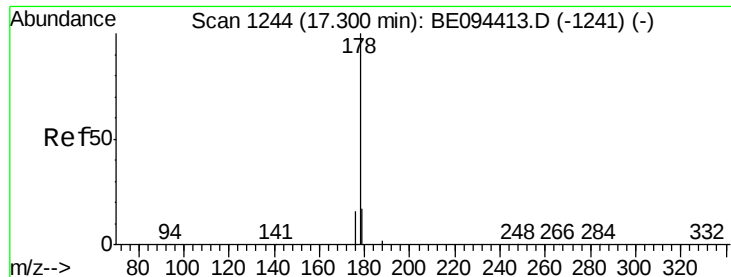
#22
Pentachlorophenol
Concen: 0.052 ng
RT: 17.01 min Scan# 1235
Delta R.T. 0.03 min
Lab File: BE094412.D
Acq: 16 Oct 2017 11:45

Tgt Ion: 266 Resp: 92
Ion Ratio Lower Upper
266 100
264 89.7 72.5 108.7
268 97.1 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: 0.355 ng

RT: 17.30 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

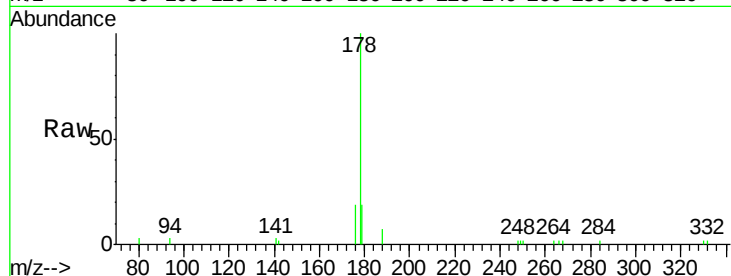
Tgt Ion:178 Resp: 6722

Ion Ratio Lower Upper

178 100

176 18.2 15.1 22.7

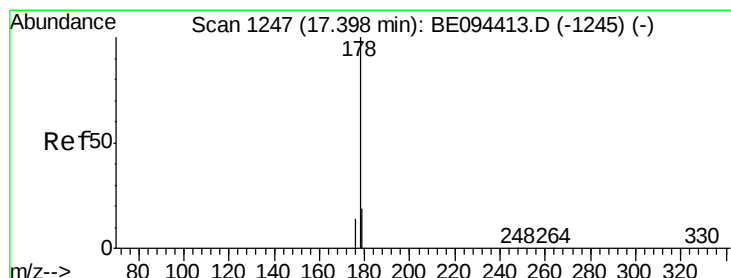
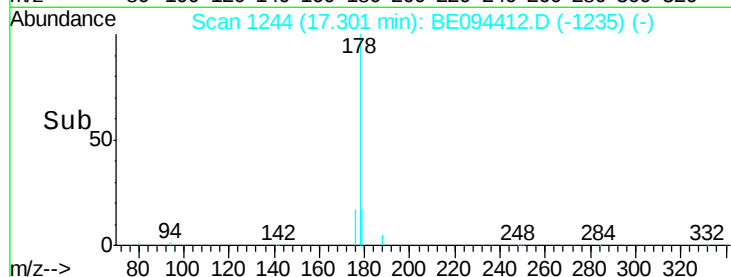
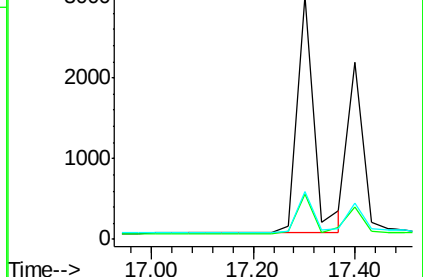
179 17.4 11.8 17.6



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: 0.224 ng

RT: 17.40 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

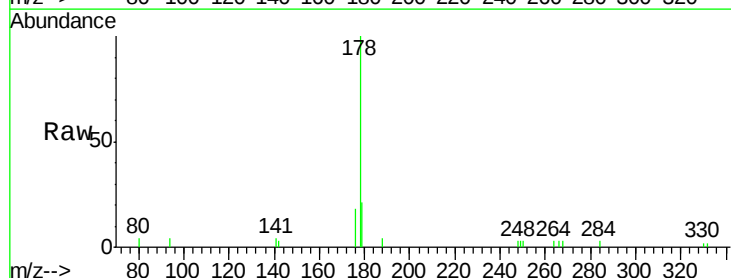
Tgt Ion:178 Resp: 4455

Ion Ratio Lower Upper

178 100

176 15.5 12.8 19.2

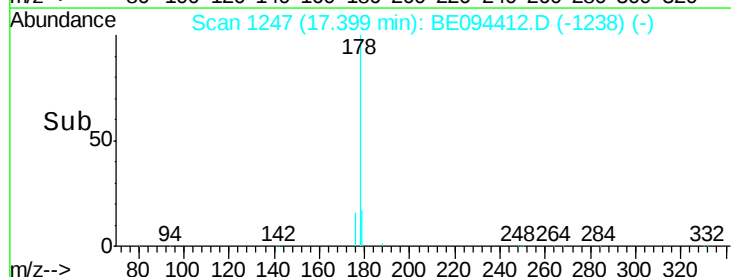
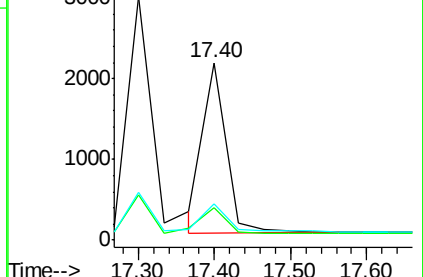
179 18.4 13.0 19.6

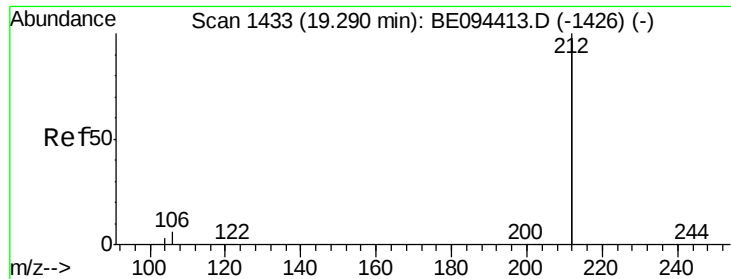


Abundance Ion 178.00 (177.70 to 178.70): E

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: 19.29 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

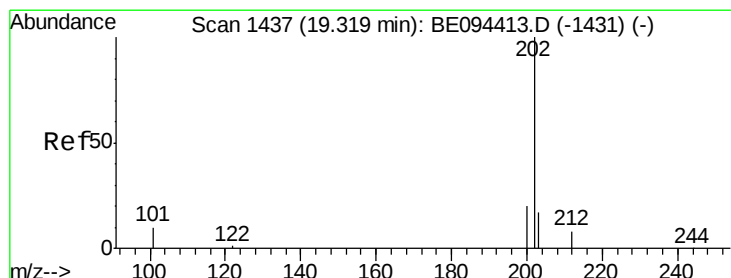
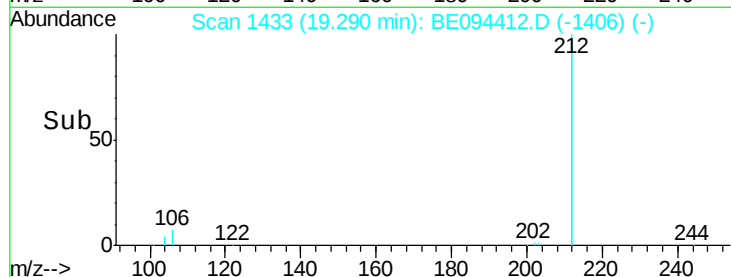
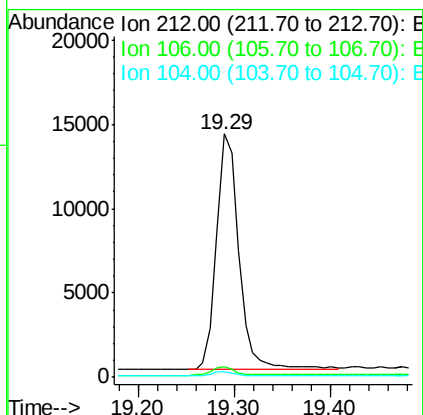
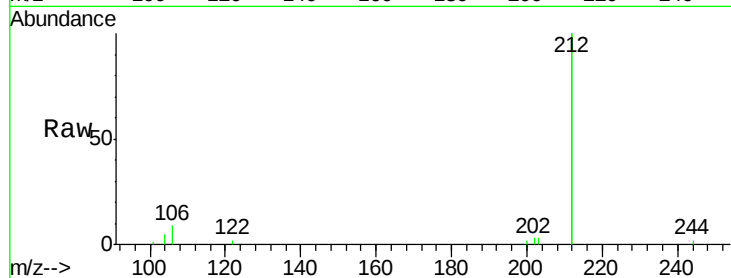
Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tgt Ion:	212	Resp:	22476
Ion	Ratio	Lower	Upper
212	100		
106	3.7	2.8	4.2
104	2.0	1.6	2.4



#26

Fluoranthene

Concen: 0.326 ng

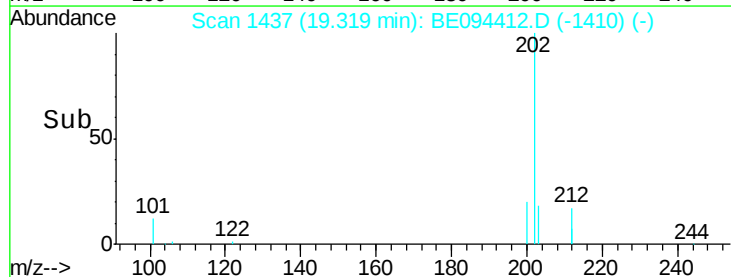
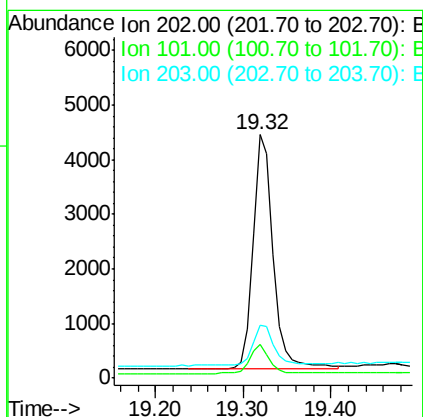
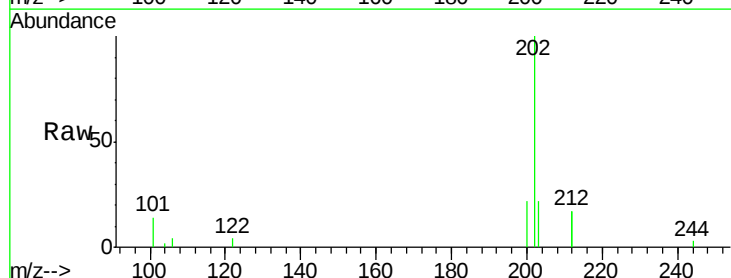
RT: 19.32 min Scan# 1437

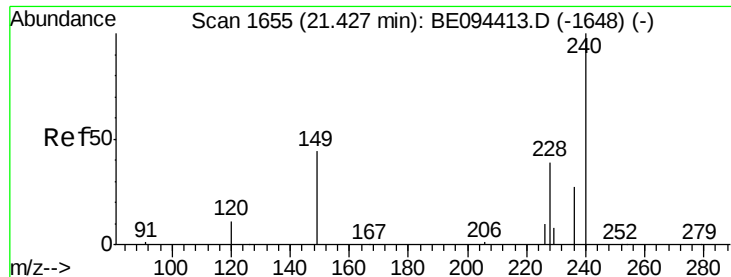
Delta R.T. 0.00 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

Tgt Ion:	202	Resp:	6920
Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.8
203	17.5	13.7	20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.44 min Scan# 1656

Delta R.T. 0.01 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

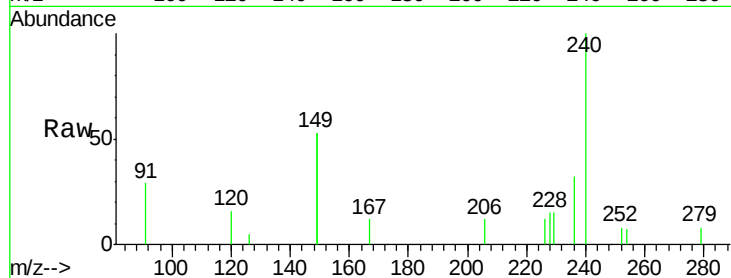
Tgt Ion:240 Resp: 9284

Ion Ratio Lower Upper

240 100

120 15.9 5.5 8.3#

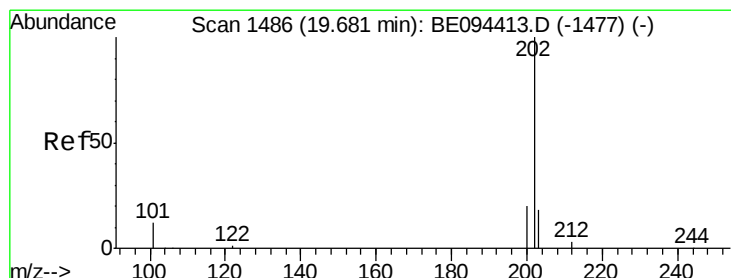
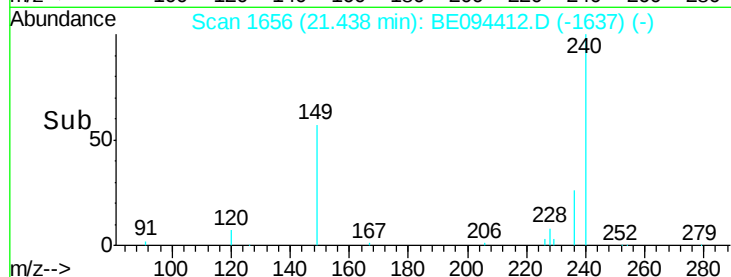
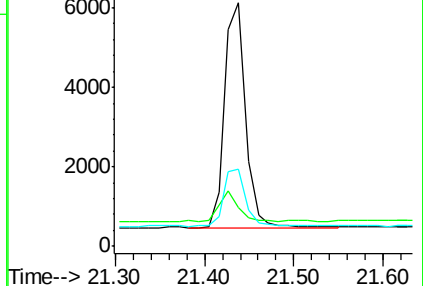
236 31.5 20.7 31.1#



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: 0.247 ng

RT: 19.68 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

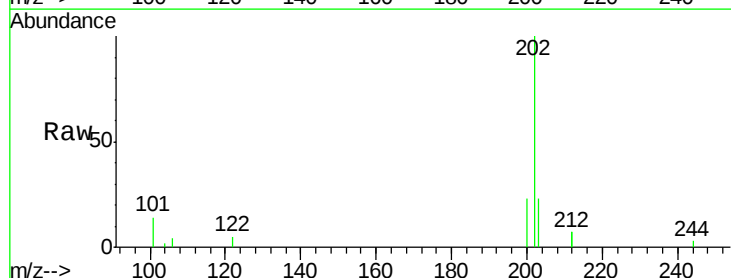
Tgt Ion:202 Resp: 7259

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

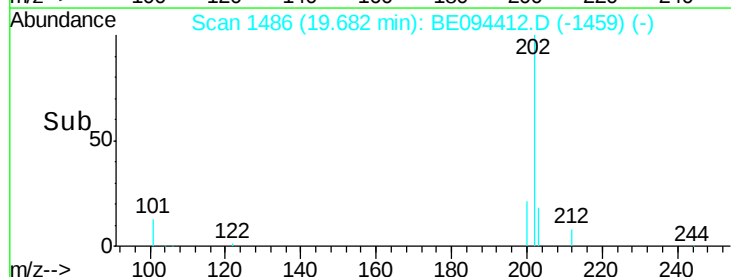
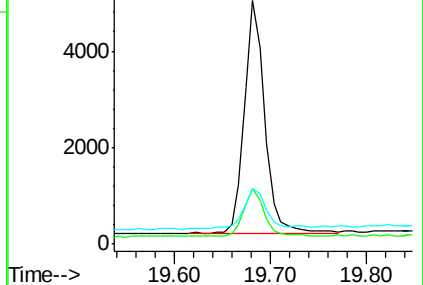
203 19.3 13.8 20.8

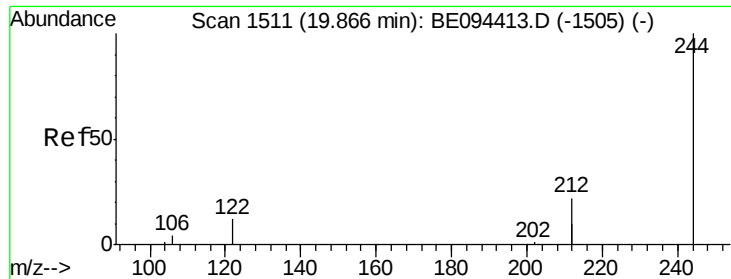


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

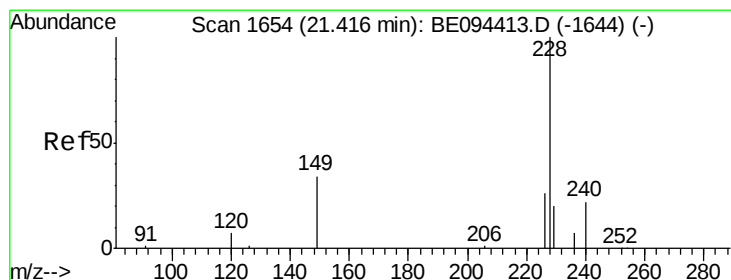
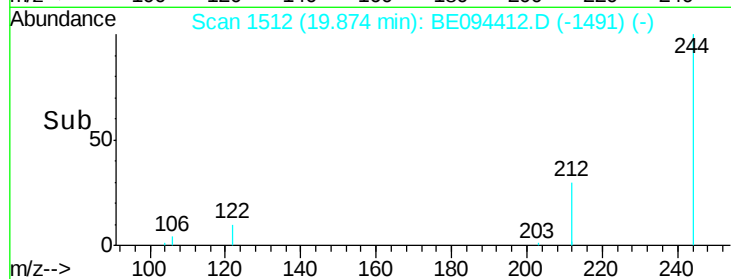
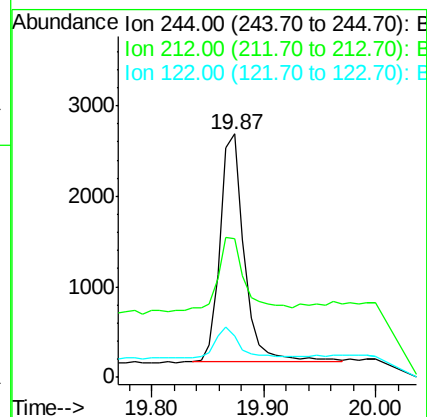
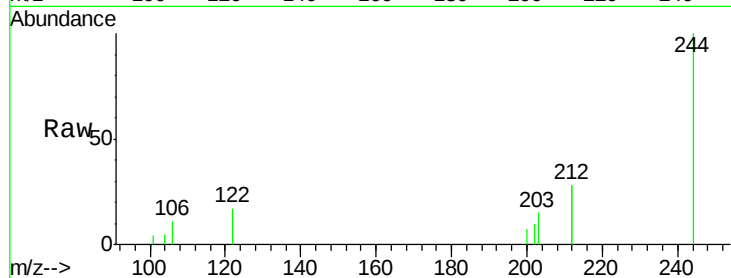




#29
 Terphenyl-d14
 Concen: 0.225 ng
 RT: 19.87 min Scan# 1512
 Delta R.T. 0.01 min
 Lab File: BE094412.D
 Acq: 16 Oct 2017 11:45

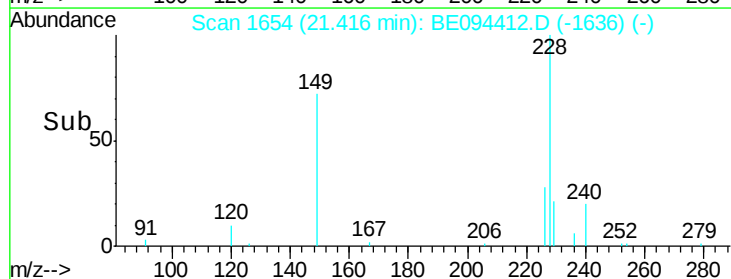
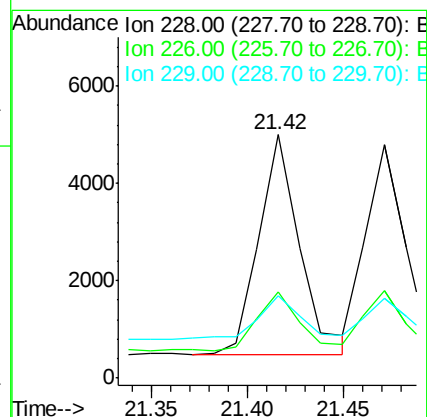
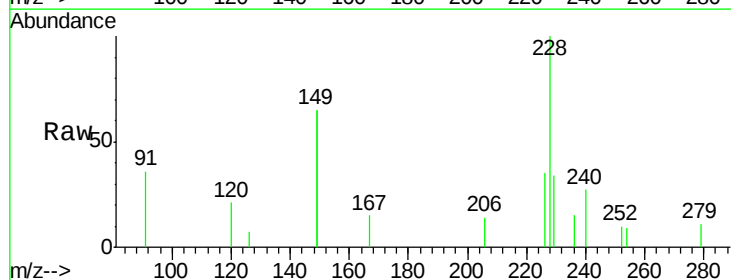
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

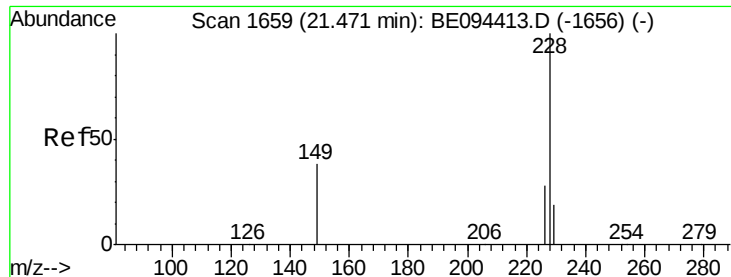
Tgt Ion: 244 Resp: 3814
 Ion Ratio Lower Upper
 244 100
 212 57.0 25.4 38.0#
 122 17.0 8.1 12.1#



#30
 Benzo(a)anthracene
 Concen: 0.211 ng
 RT: 21.42 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BE094412.D
 Acq: 16 Oct 2017 11:45

Tgt Ion: 228 Resp: 6606
 Ion Ratio Lower Upper
 228 100
 226 35.4 40.0 60.0#
 229 33.8 40.0 60.0#





#31

Chrysene

Concen: 0.204 ng

RT: 21.47 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

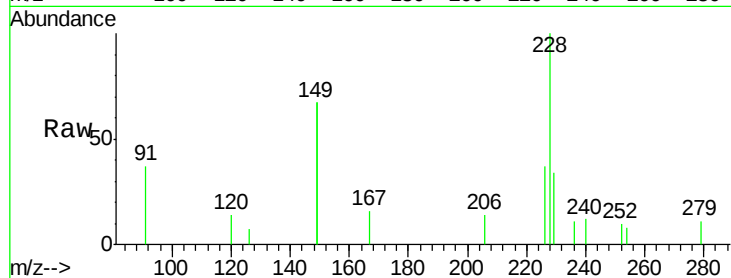
Tgt Ion: 228 Resp: 6168

Ion Ratio Lower Upper

228 100

226 37.5 40.0 60.0#

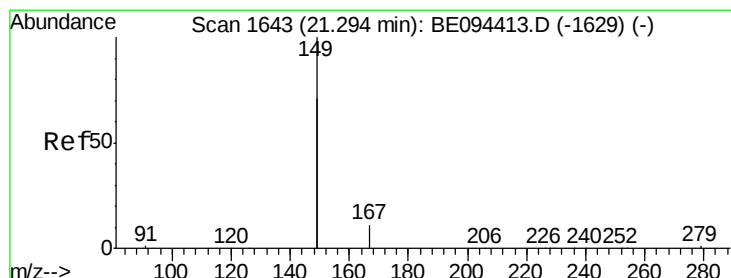
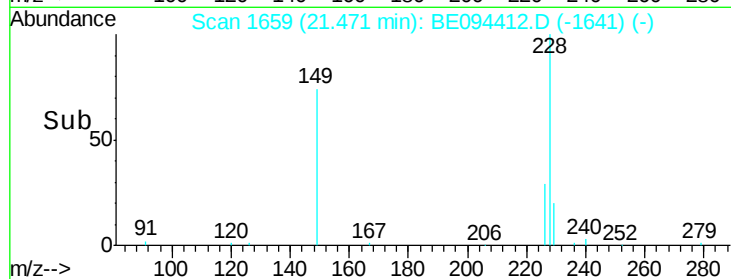
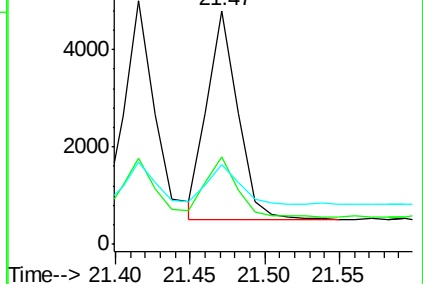
229 34.2 40.0 60.0#



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: 0.135 ng

RT: 21.30 min Scan# 1644

Delta R.T. 0.01 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

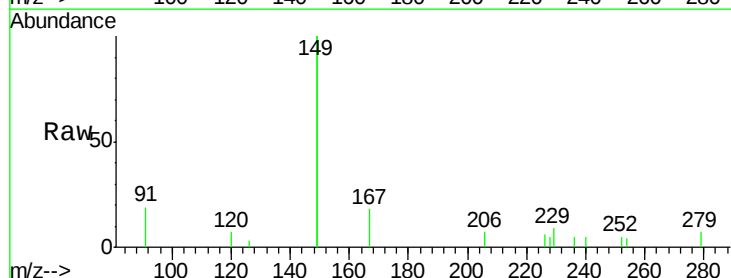
Tgt Ion: 149 Resp: 20275

Ion Ratio Lower Upper

149 100

167 7.3 5.4 8.0

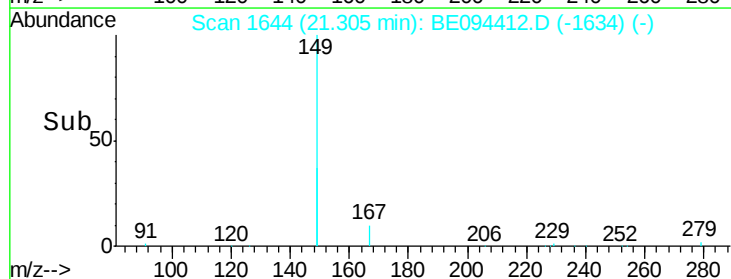
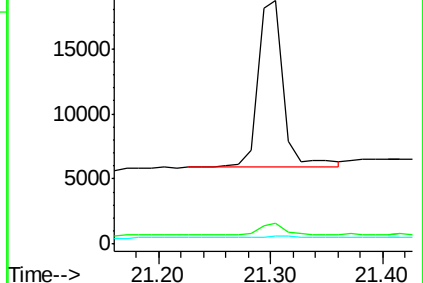
279 1.4 0.7 1.1#

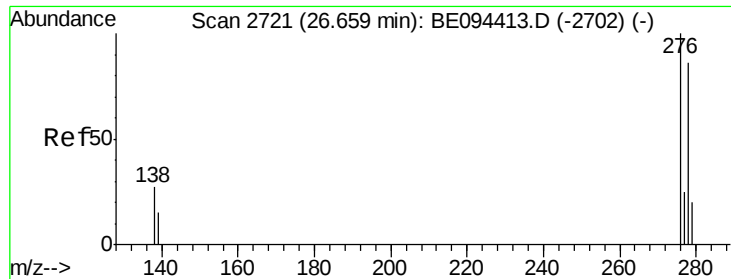


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.195 ng

RT: 26.67 min Scan# 2723

Delta R.T. 0.01 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

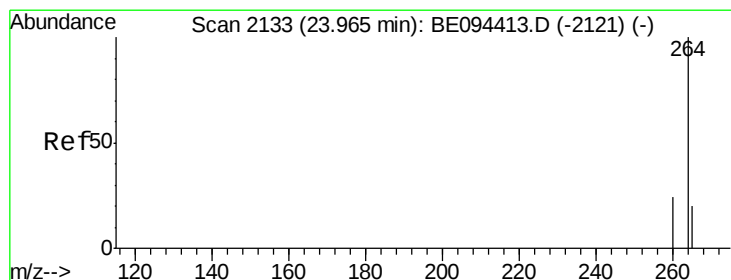
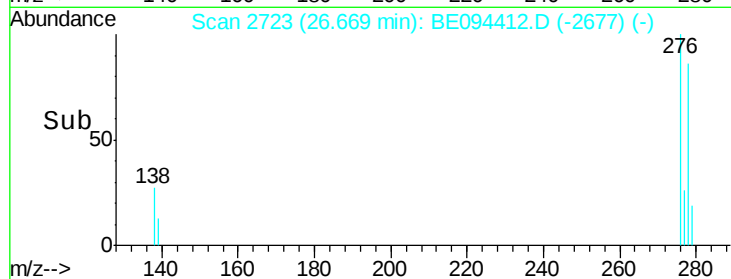
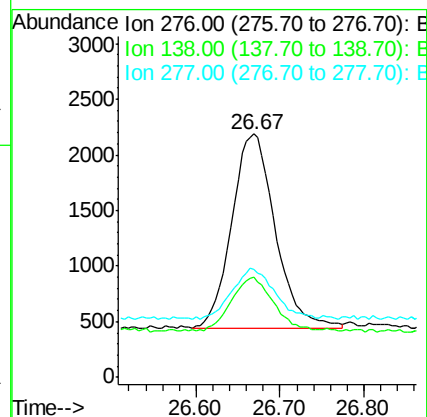
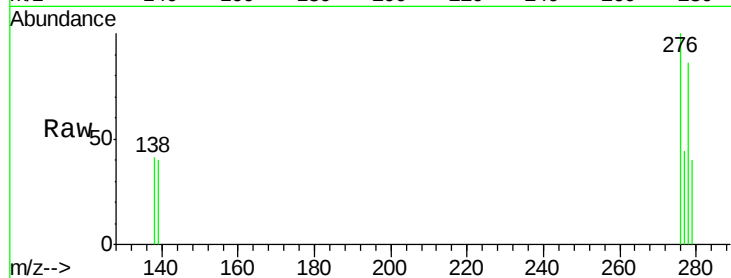
Tgt Ion:276 Resp: 6299

Ion Ratio Lower Upper

276 100

138 26.6 22.5 33.7

277 25.7 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.97 min Scan# 2134

Delta R.T. 0.01 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

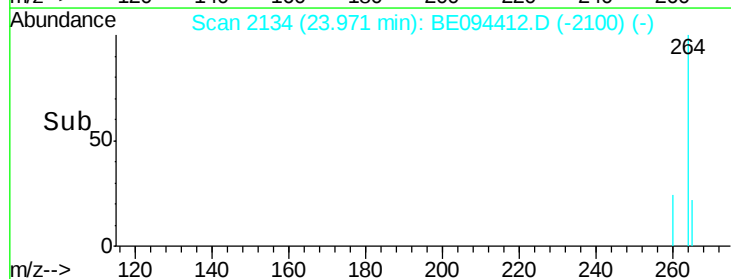
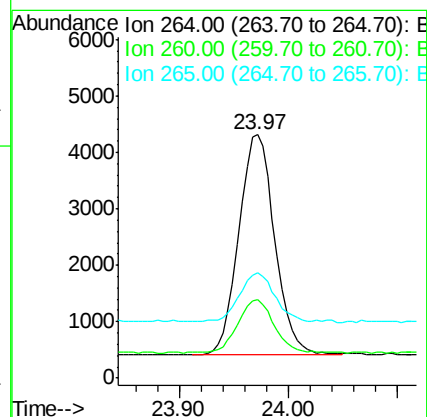
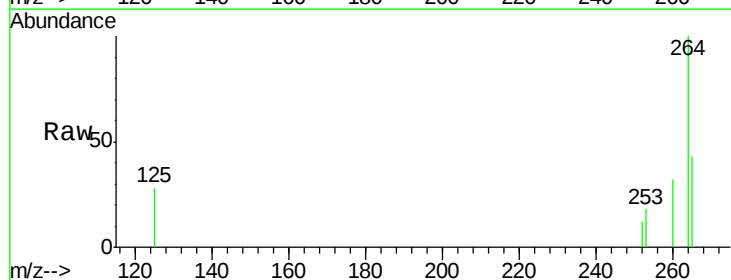
Tgt Ion:264 Resp: 8929

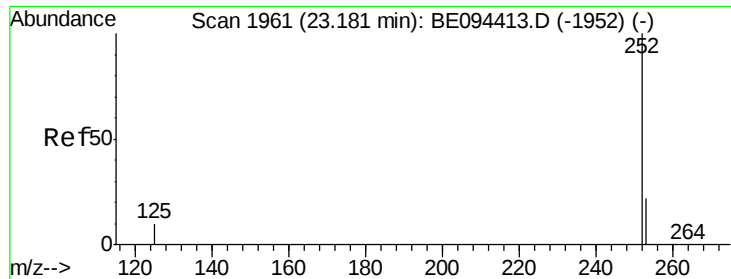
Ion Ratio Lower Upper

264 100

260 32.2 20.5 30.7#

265 43.1 22.8 34.2#





#35

Benzo(b)fluoranthene

Concen: 0.197 ng

RT: 23.19 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

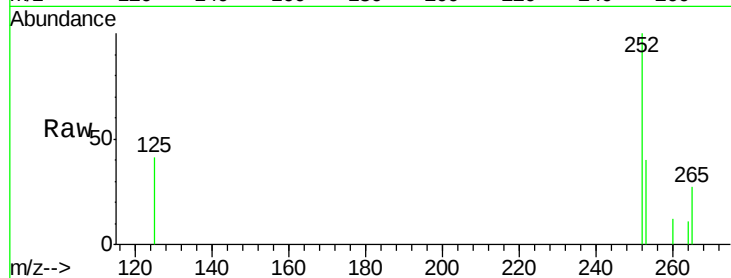
Tgt Ion:252 Resp: 6344

Ion Ratio Lower Upper

252 100

253 39.7 48.0 72.0#

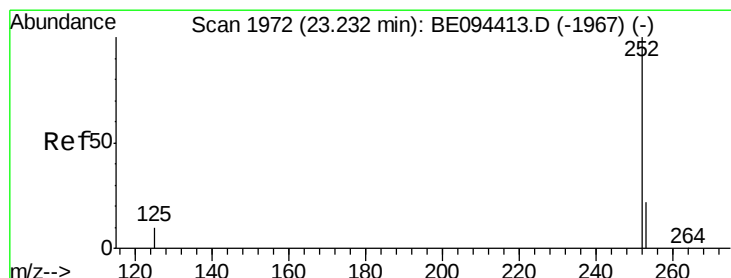
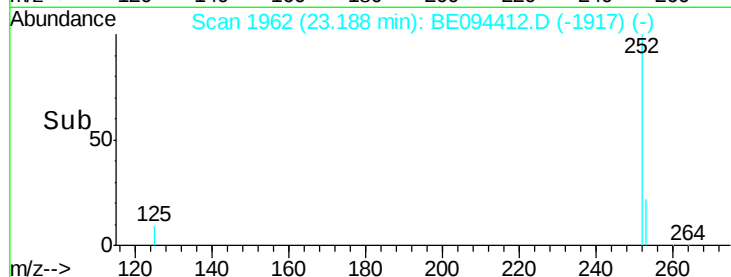
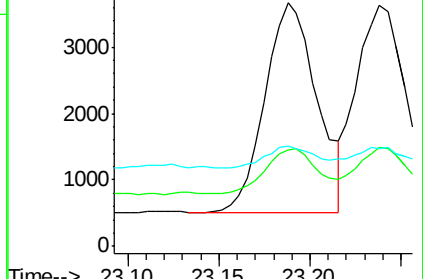
125 41.1 56.0 84.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.198 ng

RT: 23.24 min Scan# 1973

Delta R.T. 0.01 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

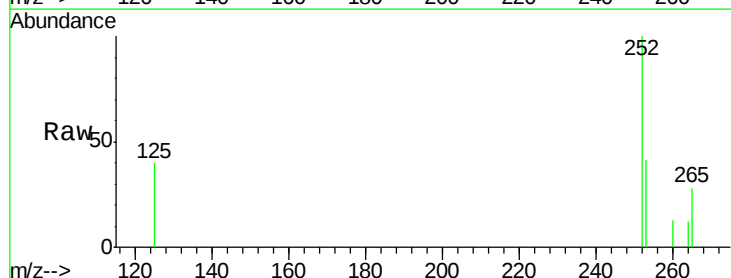
Tgt Ion:252 Resp: 6095

Ion Ratio Lower Upper

252 100

253 40.9 48.0 72.0#

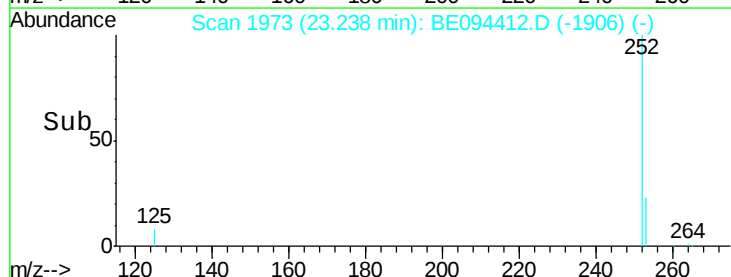
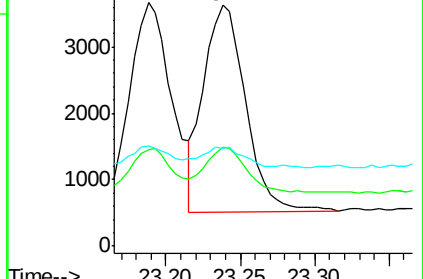
125 40.4 56.0 84.0#

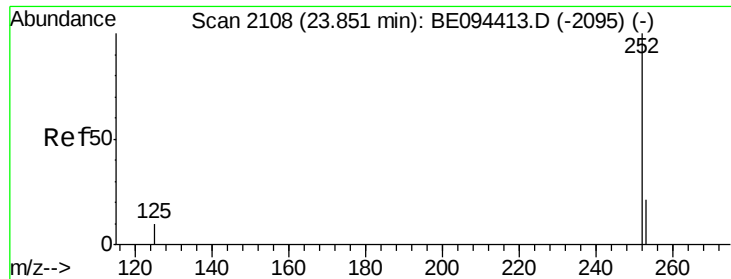


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.197 ng

RT: 23.86 min Scan# 2109

Delta R.T. 0.01 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

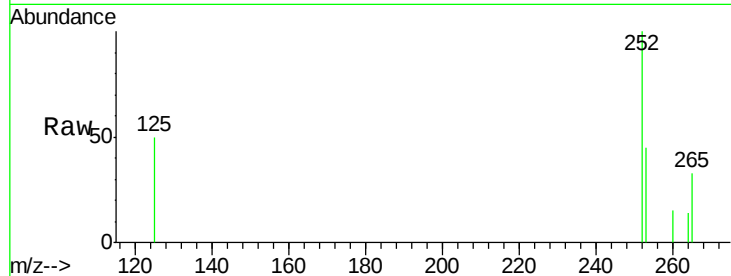
Tgt Ion: 252 Resp: 5747

Ion Ratio Lower Upper

252 100

253 45.1 52.0 78.0#

125 50.3 68.0 102.0#

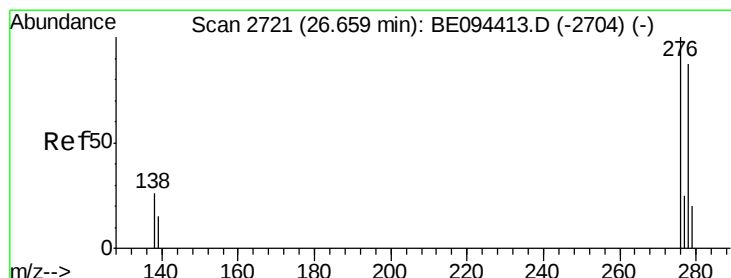
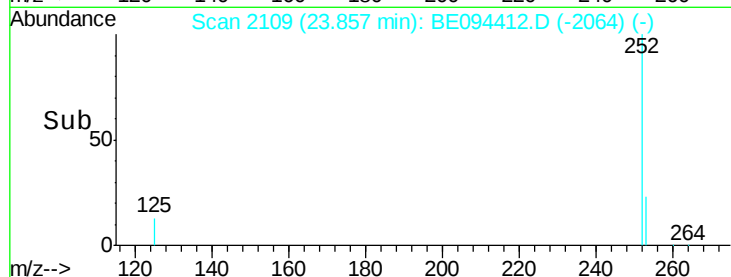
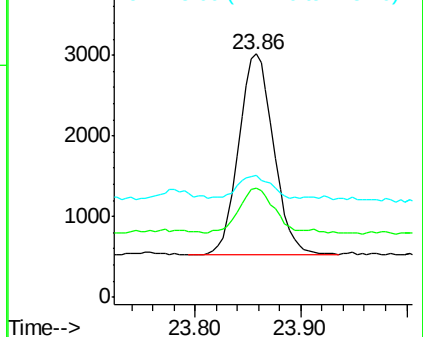


Abundance

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: 0.199 ng

RT: 26.67 min Scan# 2724

Delta R.T. 0.01 min

Lab File: BE094412.D

Acq: 16 Oct 2017 11:45

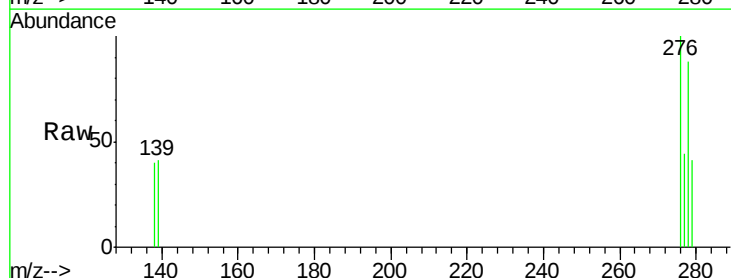
Tgt Ion: 278 Resp: 5487

Ion Ratio Lower Upper

278 100

139 46.6 56.0 84.0#

279 46.4 52.0 78.0#

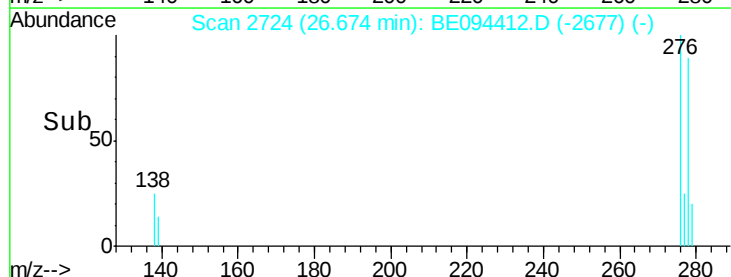
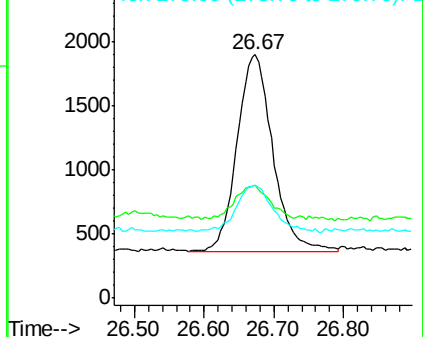


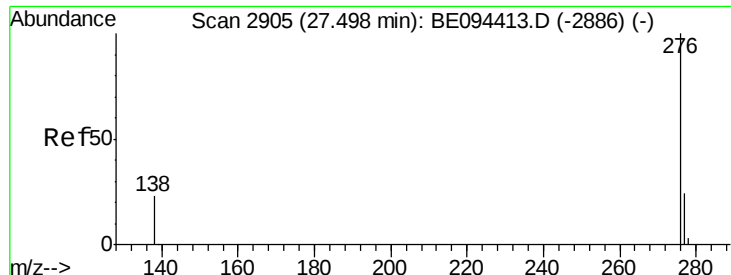
Abundance

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: 0.190 ng

RT: 27.50 min Scan# 2906

Delta R.T. 0.01 min

Lab File: BE094412.D

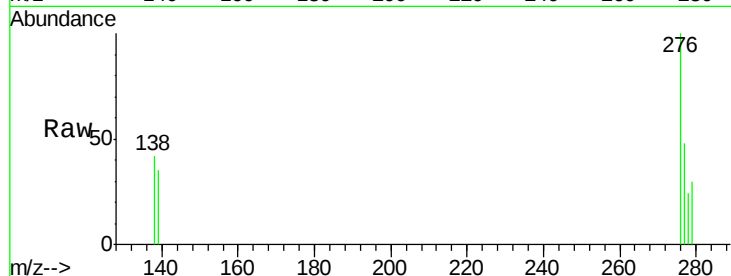
Acq: 16 Oct 2017 11:45

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2



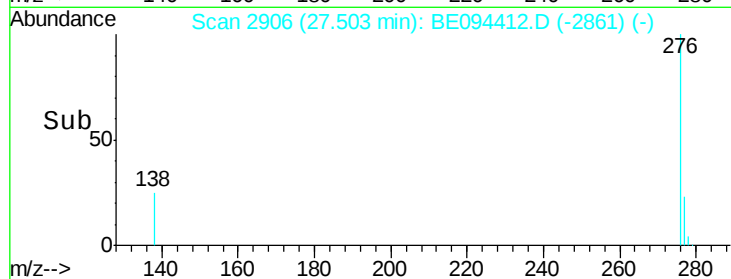
Tgt Ion: 276 Resp: 5176

Ion Ratio Lower Upper

276 100

277 47.9 52.0 78.0#

138 42.0 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

