

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
 Data File : BE094465.D
 Acq On : 20 Oct 2017 3:01
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Oct 20 12:45:13 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	7.90	152	1265	0.40	ng	-0.02
7) Naphthalene-d8	10.69	136	6839	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	4050	0.40	ng	-0.01
19) Phenanthrene-d10	17.23	188	7565	0.40	ng	-0.03
27) Chrysene-d12	21.43	240	9512	0.40	ng	0.00
34) Perylene-d12	23.95	264	9205	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	1879	0.44	ng	0.00
5) Phenol-d6	7.12	99	2923	0.44	ng	0.00
8) Nitrobenzene-d5	9.08	82	2448	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	4639	0.44	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	655	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6027	0.42	ng	0.00
25) Fluoranthene-d10	19.28	212	45714	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	7926	0.41	ng	0.00

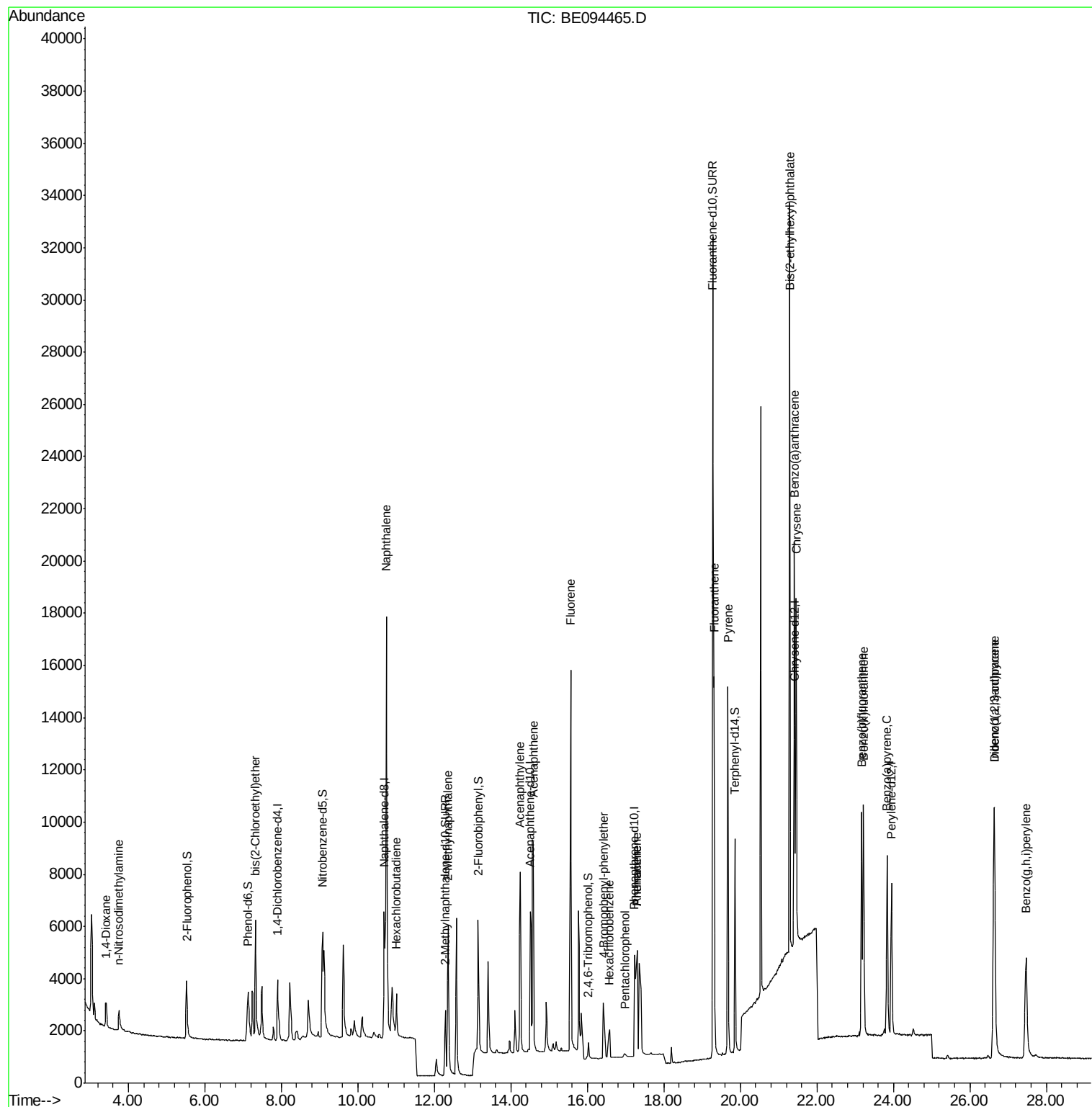
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	875	0.405	ng	# 89
3) n-Nitrosodimethylamine	3.75	42	926	0.421	ng	# 88
6) bis(2-Chloroethyl)ether	7.33	93	2140	0.434	ng	92
9) Naphthalene	10.74	128	32949	0.431	ng	100
10) Hexachlorobutadiene	11.01	225	1236	0.404	ng	97
12) 2-Methylnaphthalene	12.36	142	5594	0.444	ng	97
16) Acenaphthylene	14.24	152	9102	0.414	ng	100
17) Acenaphthene	14.58	154	5850	0.423	ng	99
18) Fluorene	15.56	166	7384	0.414	ng	97
20) 4-Bromophenyl-phenylether	16.42	248	1729	0.457	ng	# 20
21) Hexachlorobenzene	16.58	284	1938	0.270	ng	# 38
22) Pentachlorophenol	16.97	266	252	0.473	ng	89
23) Phenanthrene	17.30	178	8549	0.287	ng	97
24) Anthracene	17.30	178	8549	0.372	ng	97
26) Fluoranthene	19.31	202	13815	0.374	ng	100
28) Pyrene	19.67	202	14611	0.407	ng	100
30) Benzo(a)anthracene	21.40	228	13382	0.407	ng	# 63
31) Chrysene	21.46	228	13573	0.429	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.29	149	34854	0.368	ng	100
33) Indeno(1,2,3-cd)pyrene	26.63	276	13159	0.413	ng	99
35) Benzo(b)fluoranthene	23.17	252	12379	0.396	ng	# 44
36) Benzo(k)fluoranthene	23.22	252	13043	0.424	ng	# 43
37) Benzo(a)pyrene	23.83	252	12010	0.409	ng	# 38
38) Dibenzo(a,h)anthracene	26.64	278	11443	0.412	ng	# 48
39) Benzo(g,h,i)perylene	27.47	276	10939	0.409	ng	# 58

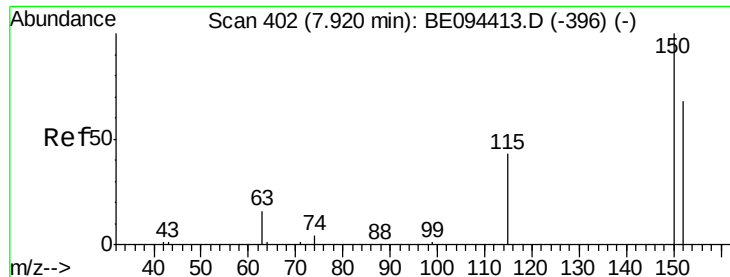
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 401

Delta R.T. -0.02 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

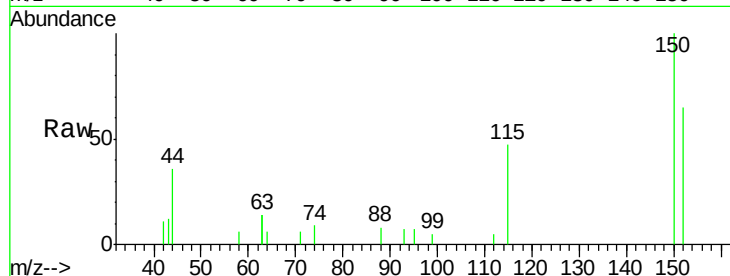
Tgt Ion: 152 Resp: 1265

Ion Ratio Lower Upper

152 100

150 154.4 117.2 175.8

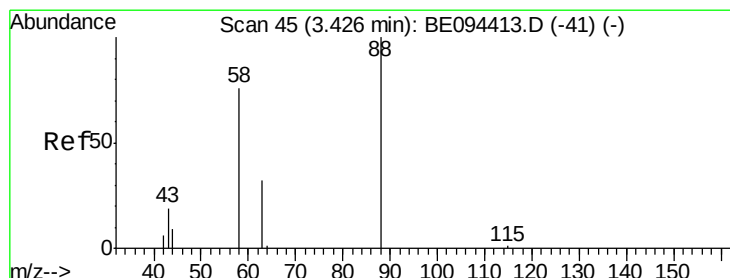
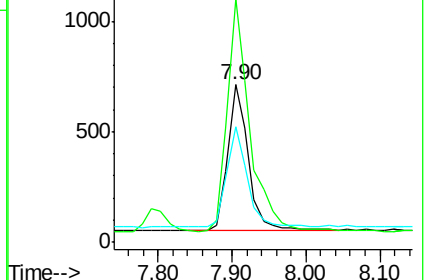
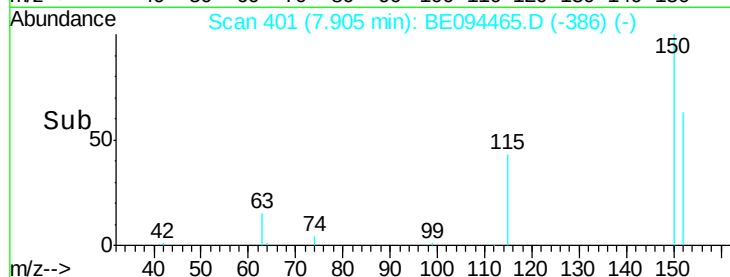
115 73.2 57.0 85.6



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: 0.405 ng

RT: 3.42 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

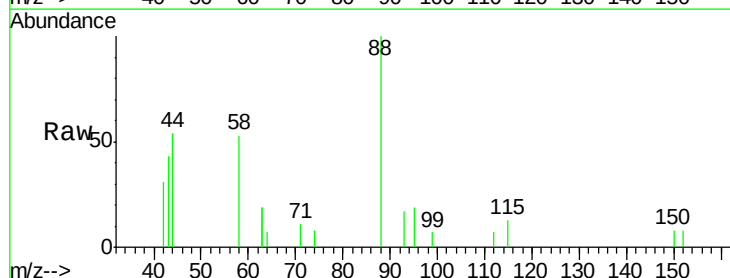
Tgt Ion: 88 Resp: 875

Ion Ratio Lower Upper

88 100

58 79.2 63.2 94.8

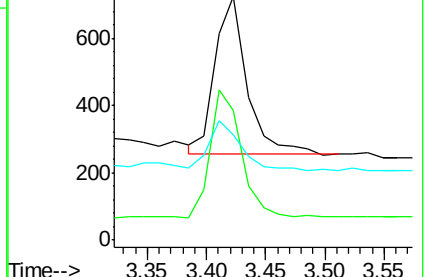
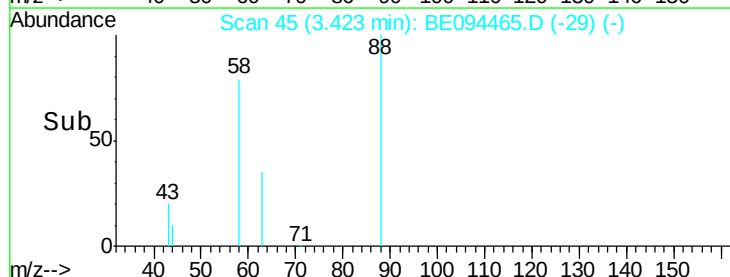
43 31.5 41.2 61.8#

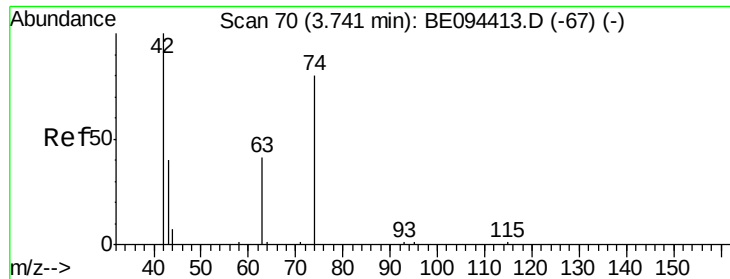


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.421 ng

RT: 3.75 min Scan# 71

Delta R.T. 0.01 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

Instrument :

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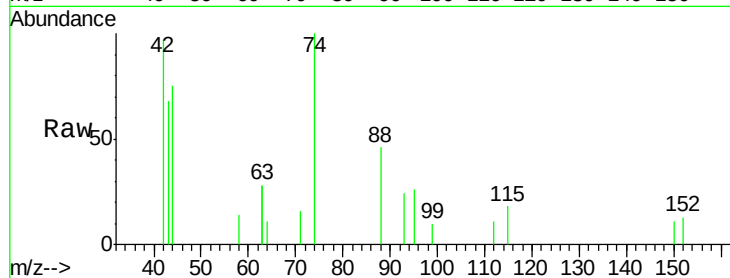
Tgt Ion: 42 Resp: 926

Ion Ratio Lower Upper

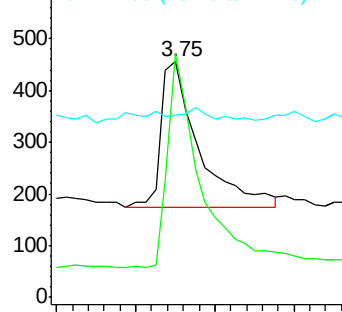
42 100

74 132.5 100.3 150.5

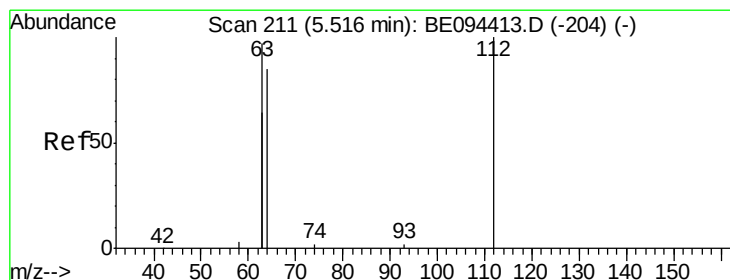
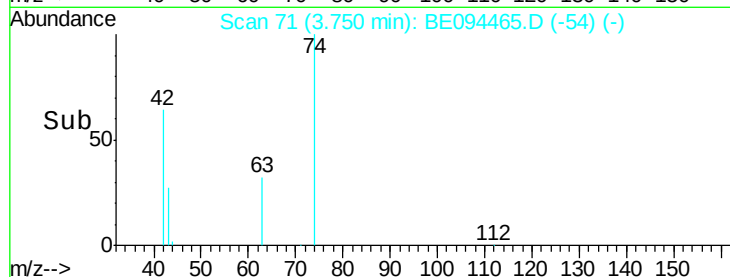
44 0.0 17.0 25.4#



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



Time--> 3.60 3.70 3.80 3.90



#4

2-Fluorophenol

Concen: 0.440 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.01 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

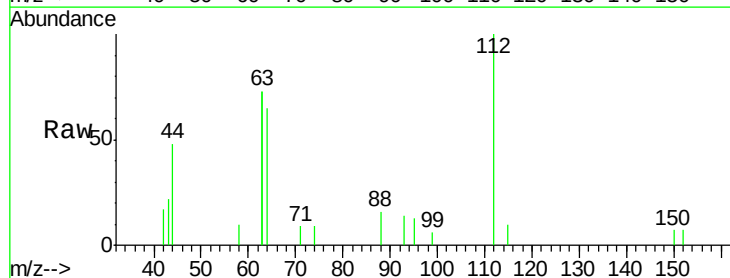
Tgt Ion: 112 Resp: 1879

Ion Ratio Lower Upper

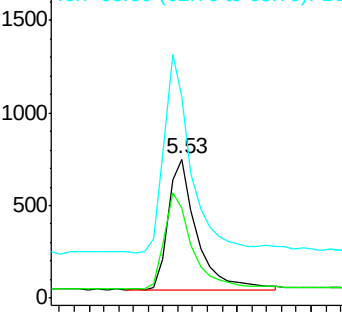
112 100

64 72.0 60.1 90.1

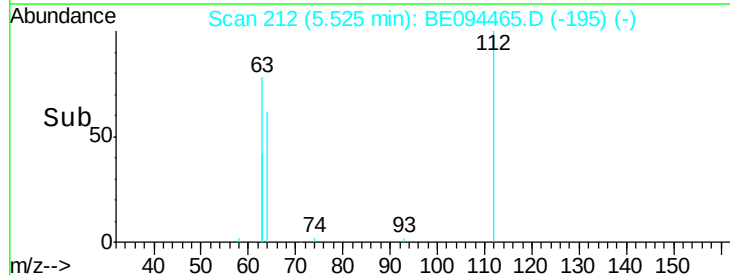
63 143.9 116.8 175.2

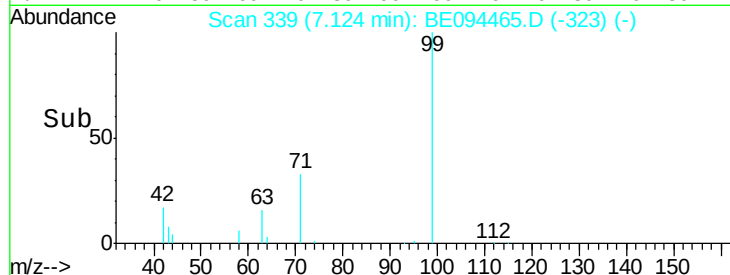
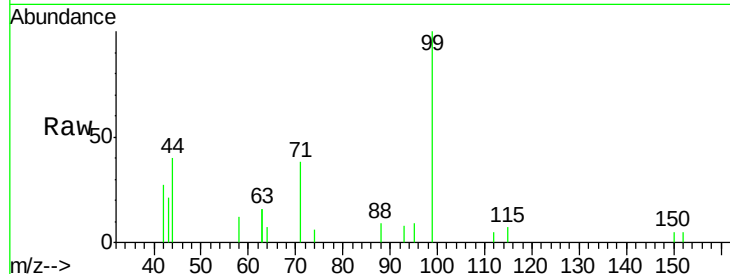
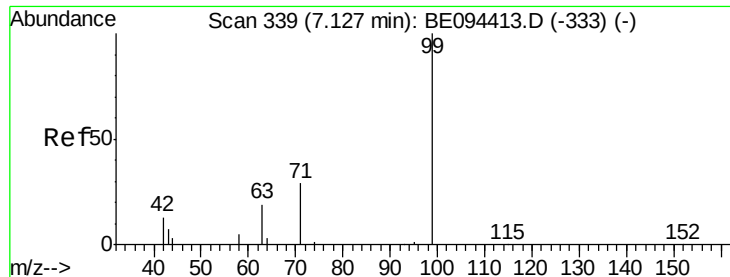


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



Time--> 5.40 5.50 5.60 5.70





#5

Phenol-d6

Concen: 0.438 ng

RT: 7.12 min Scan# 339

Delta R.T. -0.00 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

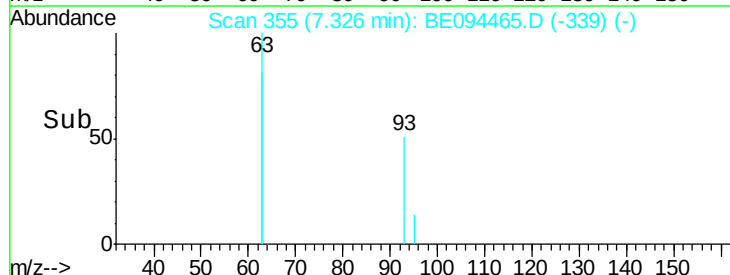
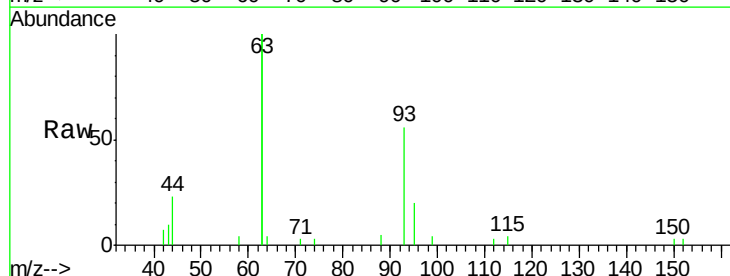
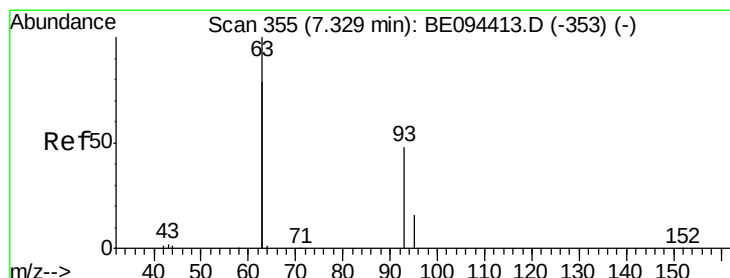
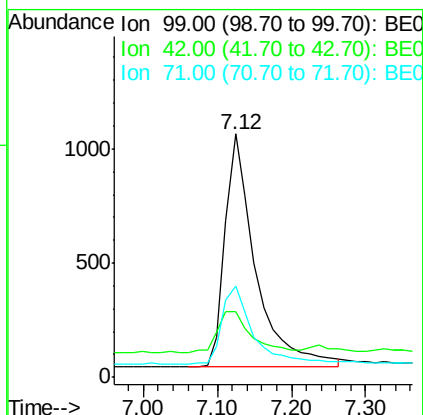
Tgt Ion: 99 Resp: 2923

Ion Ratio Lower Upper

99 100

42 20.1 20.2 30.2#

71 34.7 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.434 ng

RT: 7.33 min Scan# 355

Delta R.T. -0.00 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

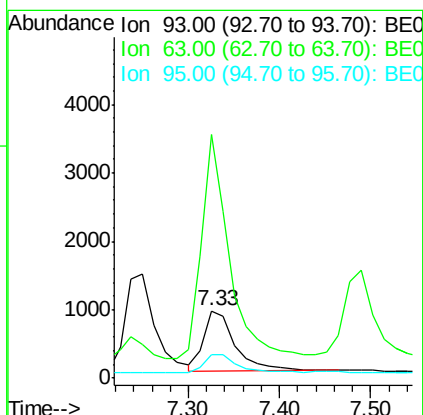
Tgt Ion: 93 Resp: 2140

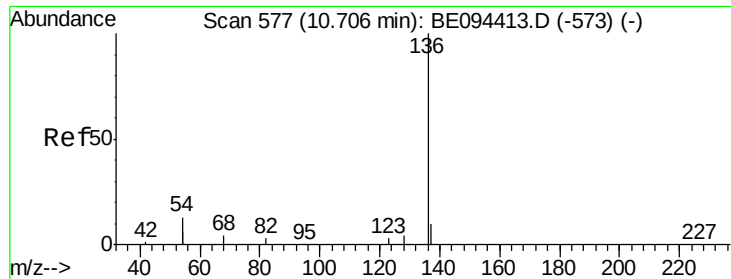
Ion Ratio Lower Upper

93 100

63 324.8 275.3 412.9

95 32.3 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: BE094465.D

Acq: 20 Oct 2017 3:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 6839

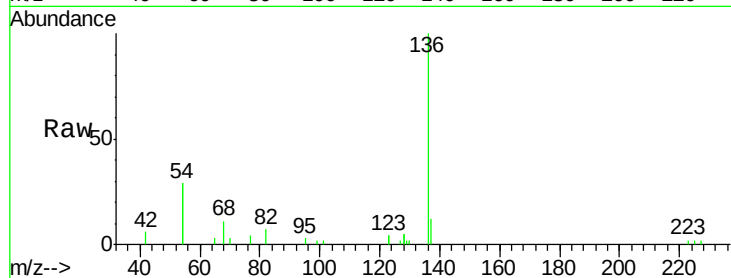
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 57.5 29.1 43.7#

68 11.3 6.2 9.2#

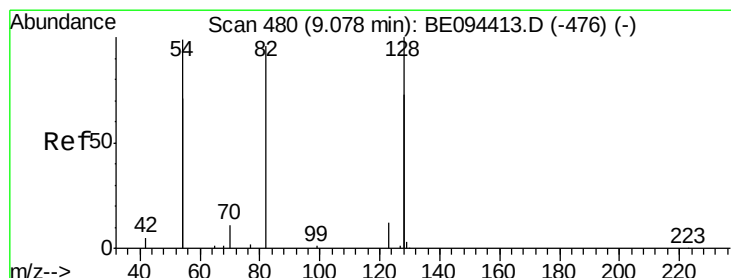
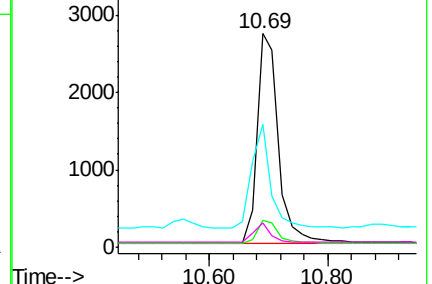
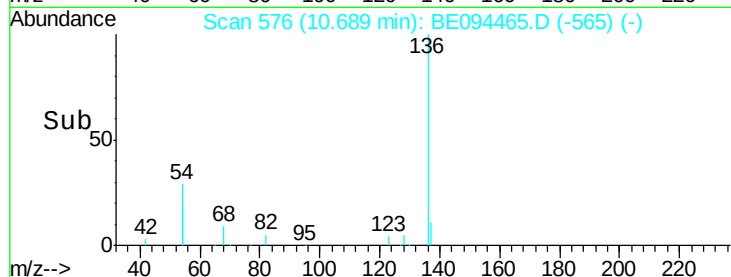


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.412 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

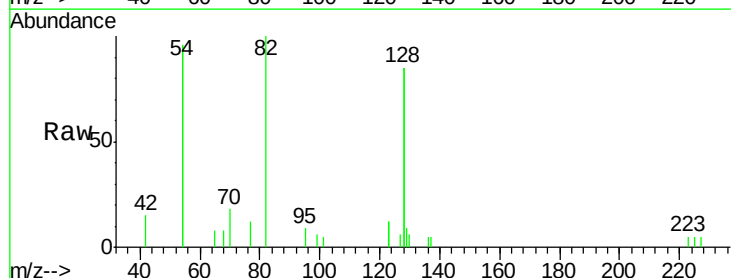
Tgt Ion: 82 Resp: 2448

Ion Ratio Lower Upper

82 100

128 169.7 150.0 225.0

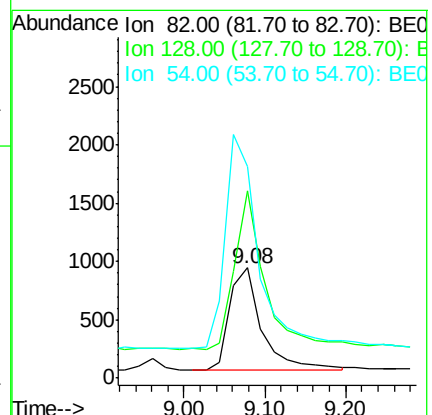
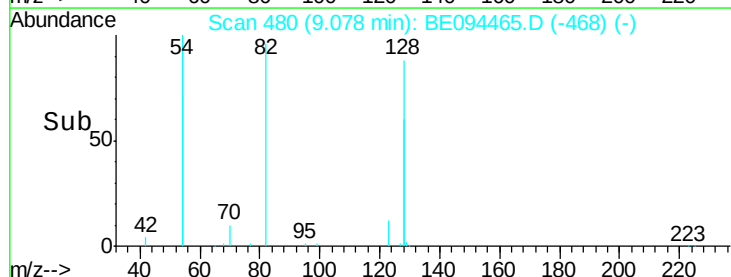
54 192.6 154.2 231.4

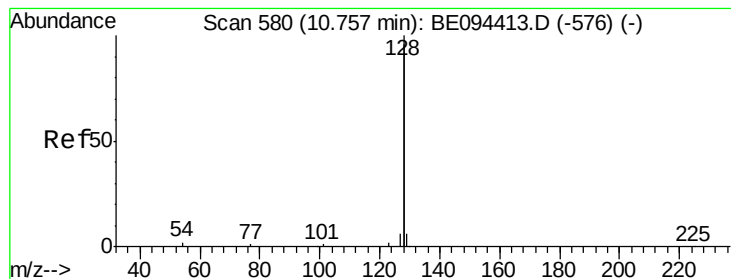


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.431 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.02 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

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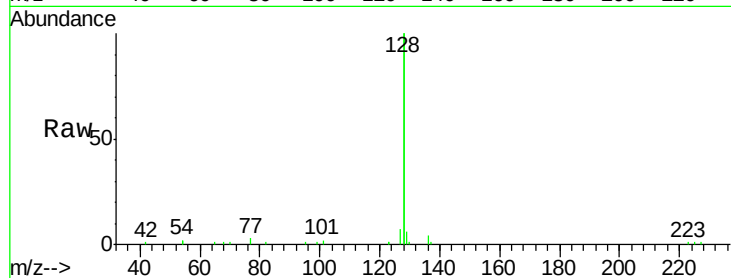
Tgt Ion:128 Resp: 32949

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

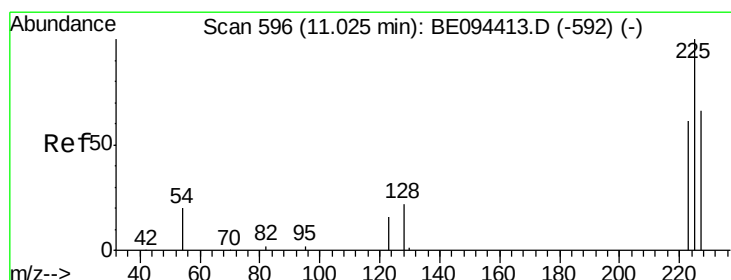
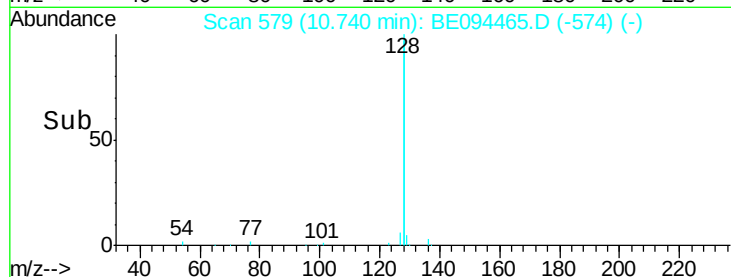
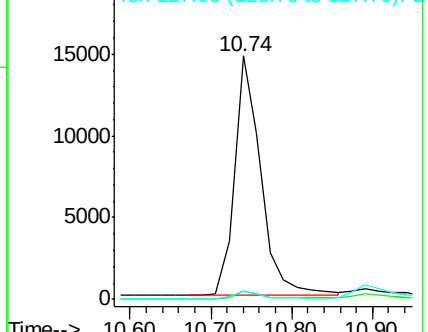
127 3.6 2.8 4.2



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: 0.404 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.02 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

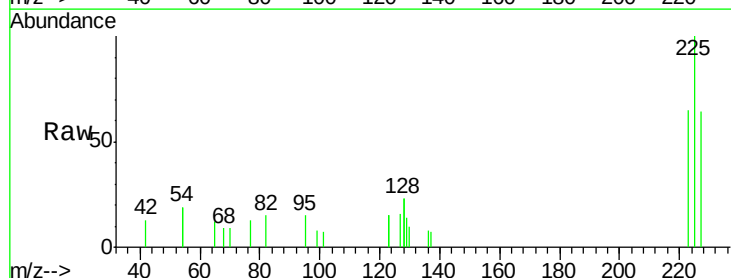
Tgt Ion:225 Resp: 1236

Ion Ratio Lower Upper

225 100

223 61.4 53.0 79.6

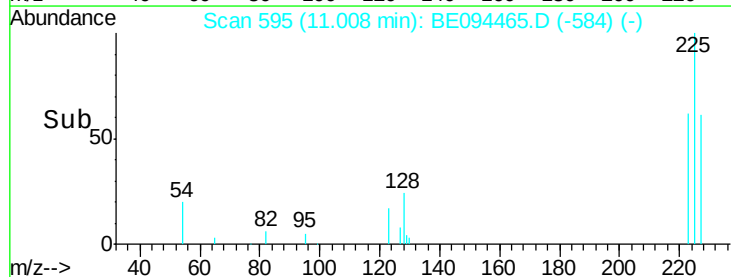
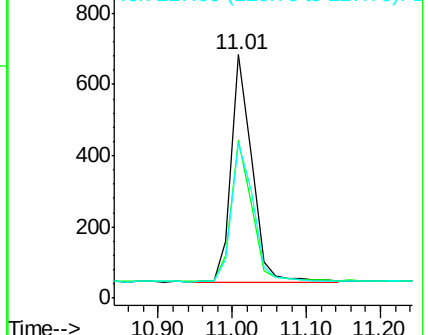
227 64.6 51.4 77.2

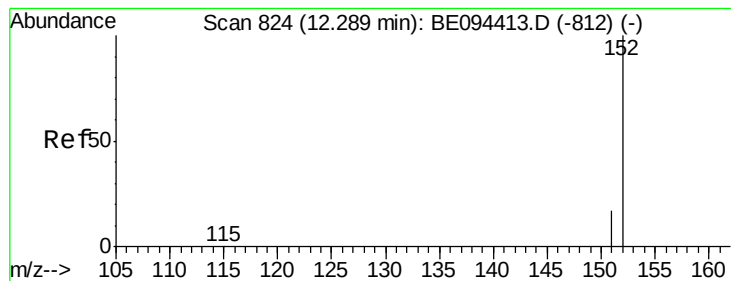


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.440 ng

RT: 12.28 min Scan# 823

Delta R.T. -0.00 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

Instrument :

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ClientSampleId :

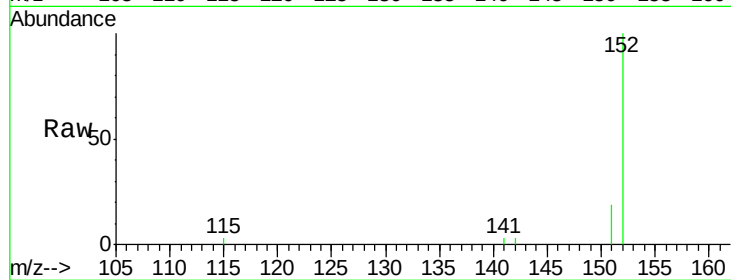
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4639

Ion Ratio Lower Upper

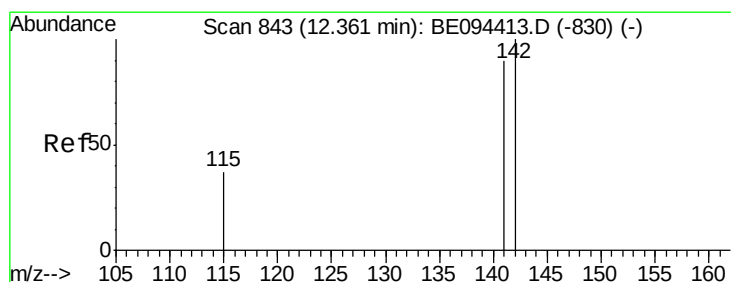
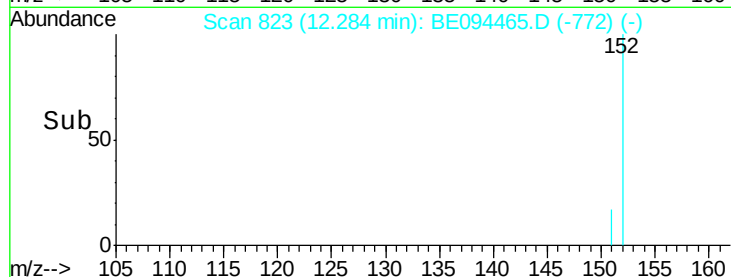
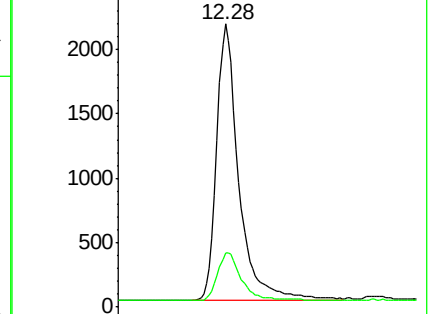
152 100

151 18.5 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: 0.444 ng

RT: 12.36 min Scan# 842

Delta R.T. -0.00 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

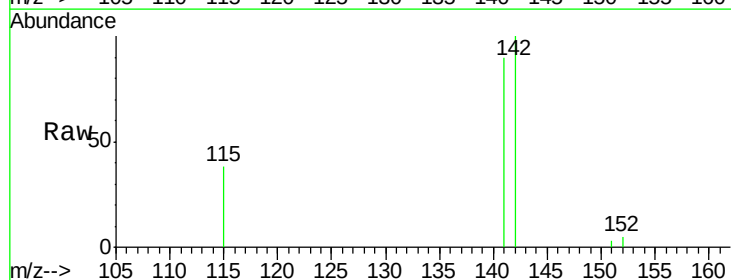
Tgt Ion:142 Resp: 5594

Ion Ratio Lower Upper

142 100

141 90.4 70.4 105.6

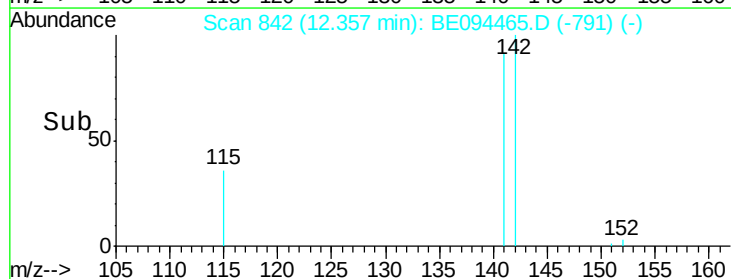
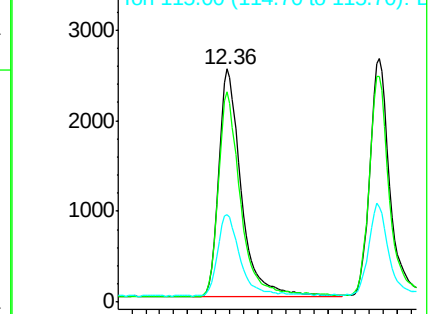
115 37.7 31.7 47.5

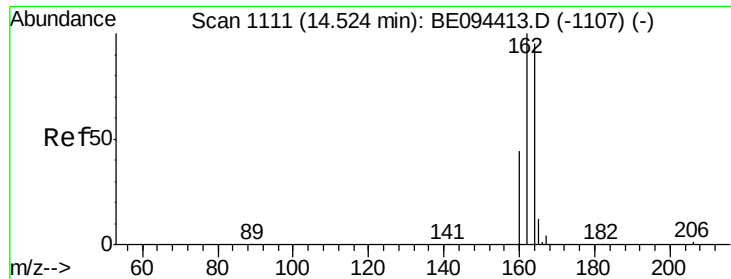


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE094465.D

Acq: 20 Oct 2017 3:01

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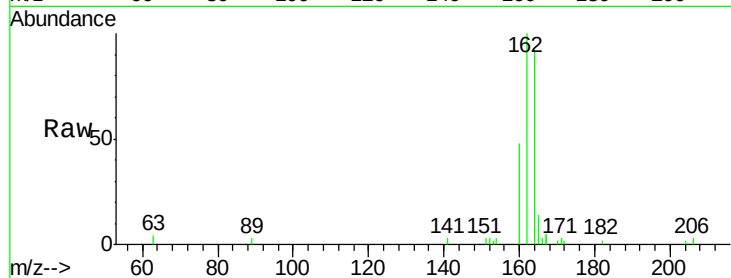
Tgt Ion:164 Resp: 4050

Ion Ratio Lower Upper

164 100

162 109.0 83.1 124.7

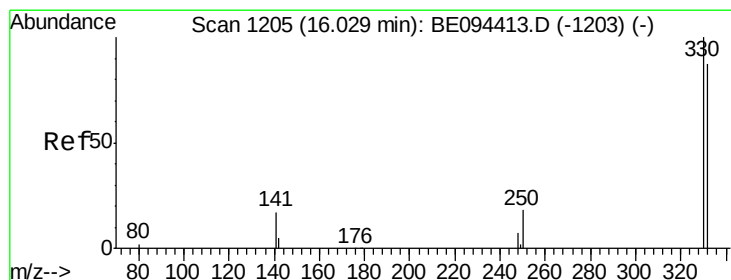
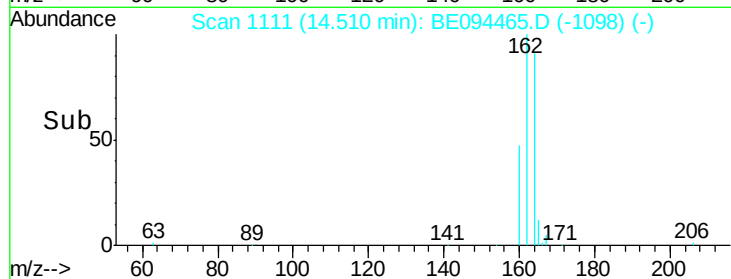
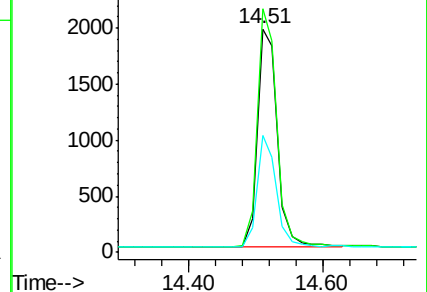
160 52.2 37.1 55.7



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: 0.425 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

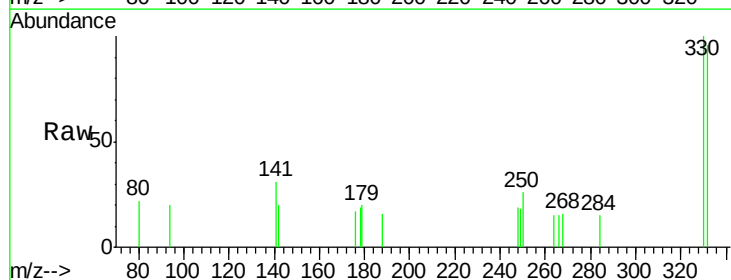
Tgt Ion:330 Resp: 655

Ion Ratio Lower Upper

330 100

332 98.2 152.7 229.1#

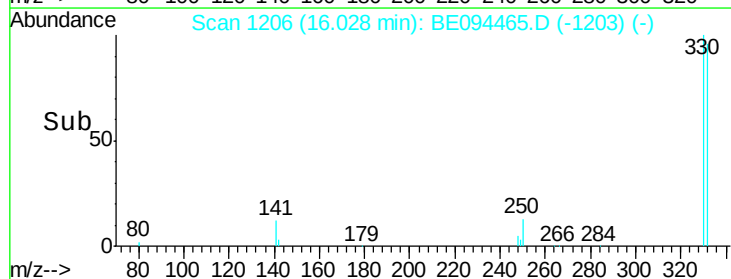
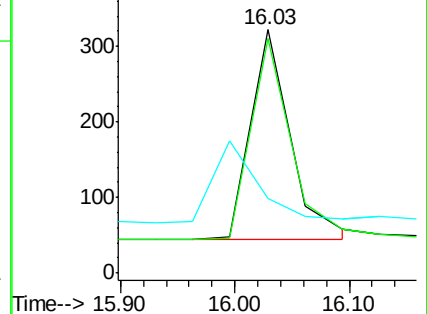
141 0.0 33.7 50.5#

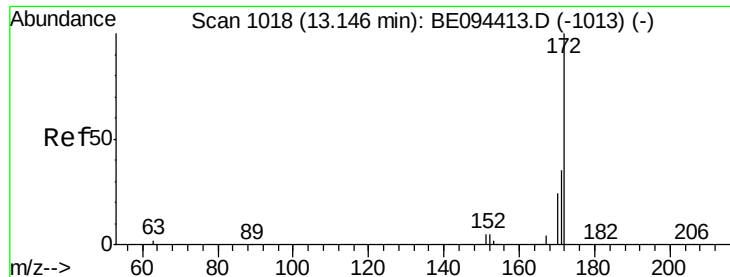


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

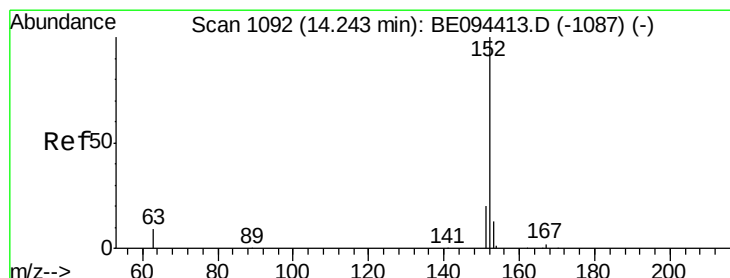
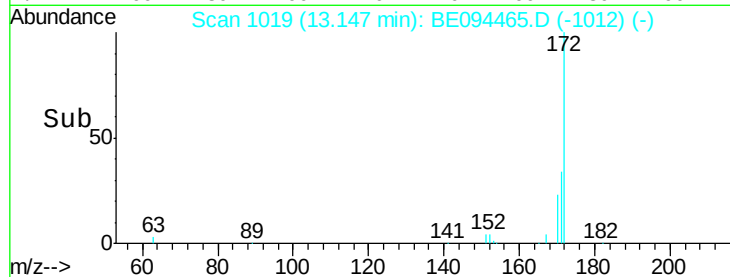
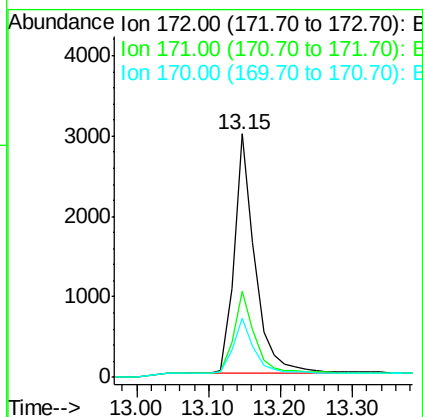
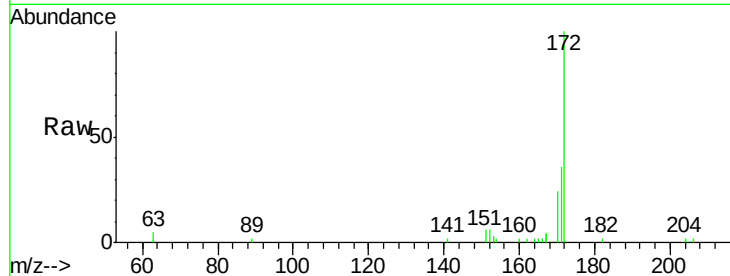




#15
2-Fluorobiphenyl
Concen: 0.417 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE094465.D
Acq: 20 Oct 2017 3:01

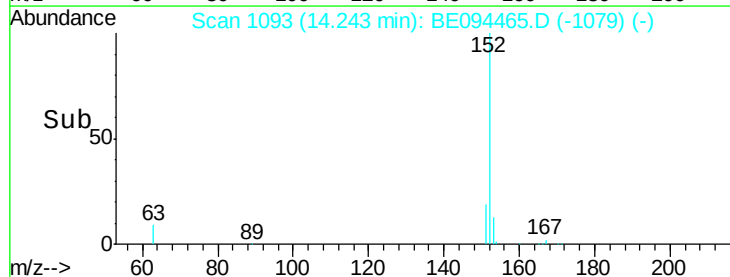
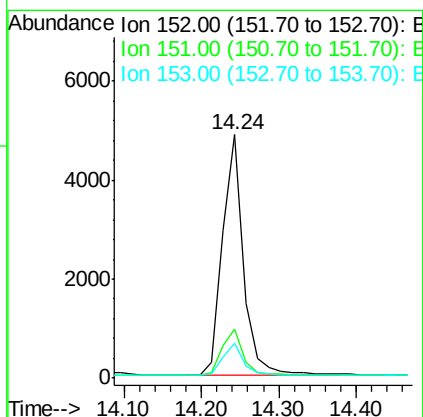
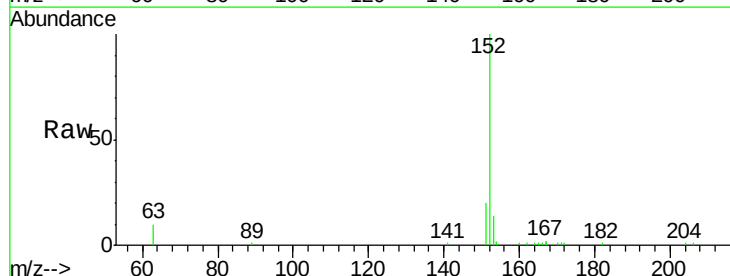
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

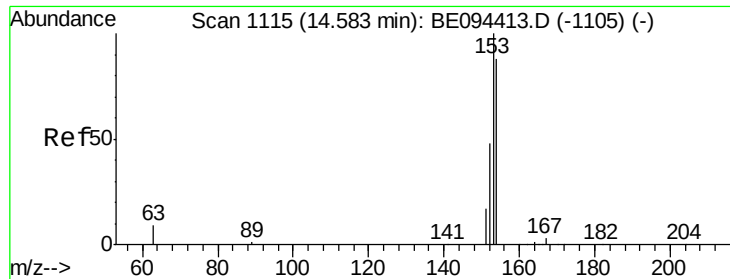
Tgt Ion:172 Resp: 6027
Ion Ratio Lower Upper
172 100
171 35.6 29.9 44.9
170 24.1 21.8 32.8



#16
Acenaphthylene
Concen: 0.414 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094465.D
Acq: 20 Oct 2017 3:01

Tgt Ion:152 Resp: 9102
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.423 ng

RT: 14.58 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

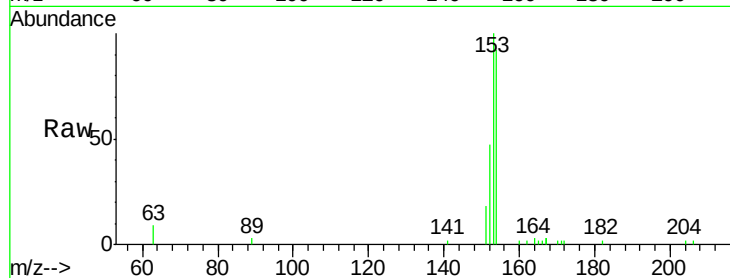
Tgt Ion:154 Resp: 5850

Ion Ratio Lower Upper

154 100

153 112.9 89.2 133.8

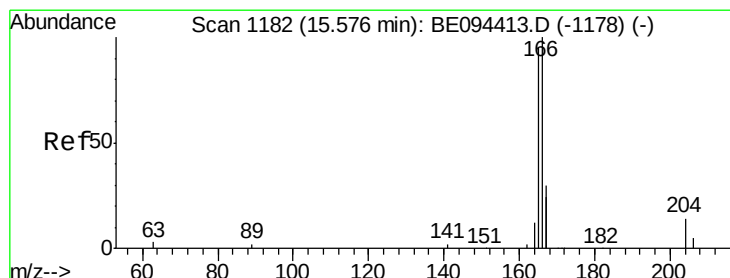
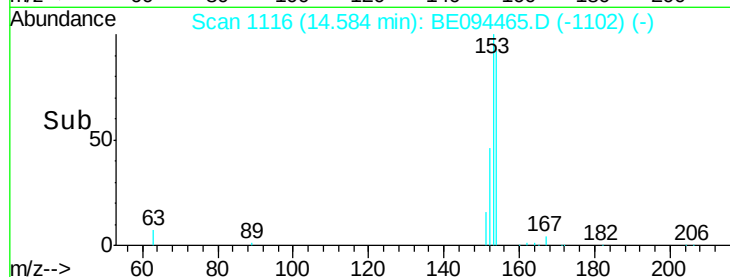
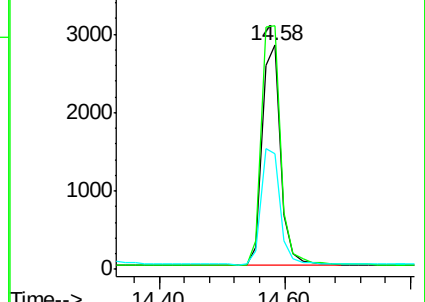
152 53.7 42.0 63.0



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: 0.414 ng

RT: 15.56 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

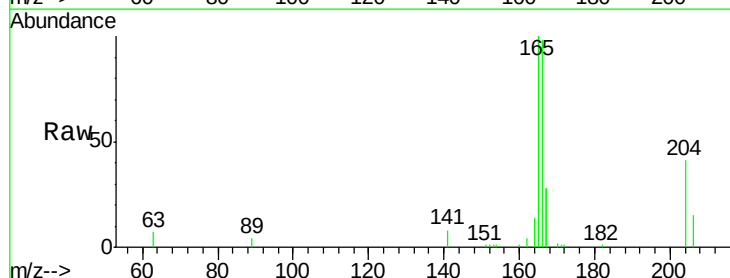
Tgt Ion:166 Resp: 7384

Ion Ratio Lower Upper

166 100

165 99.9 77.8 116.6

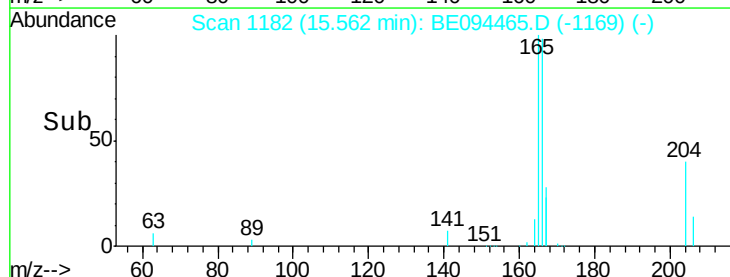
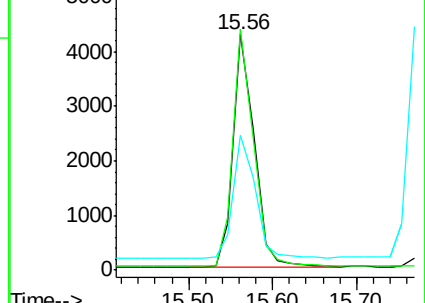
167 54.6 42.4 63.6

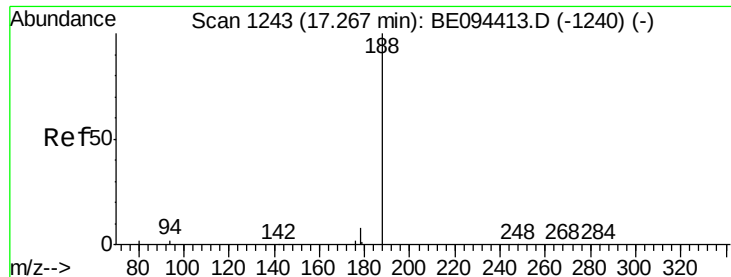


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.23 min Scan# 1243

Delta R.T. -0.03 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

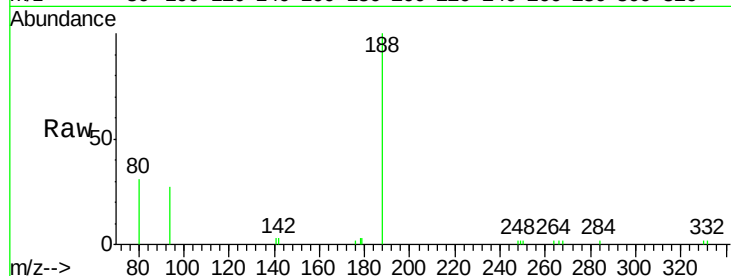
Tgt Ion:188 Resp: 7565

Ion Ratio Lower Upper

188 100

94 26.7 3.9 5.9#

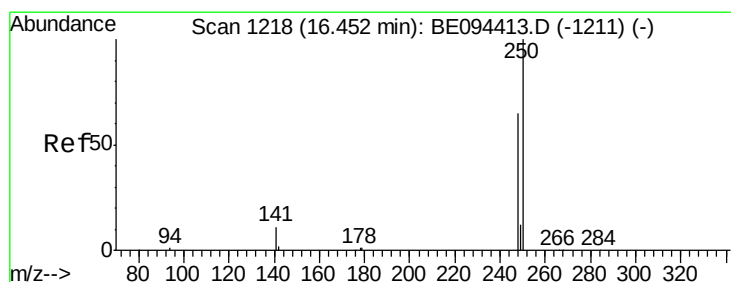
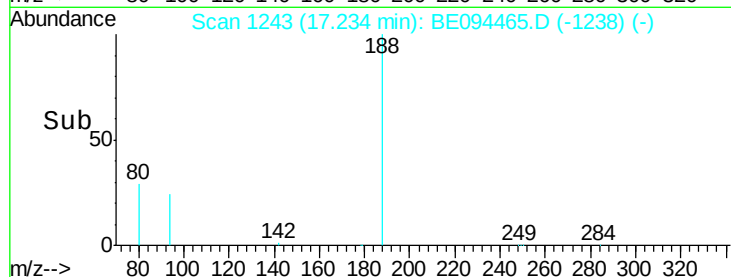
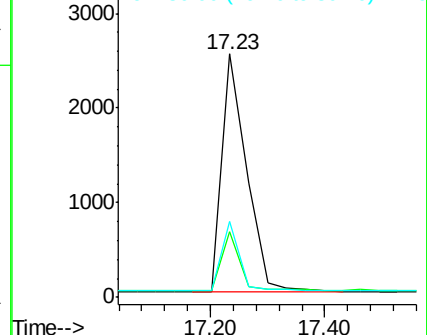
80 31.4 3.6 5.4#



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: 0.457 ng

RT: 16.42 min Scan# 1218

Delta R.T. -0.03 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

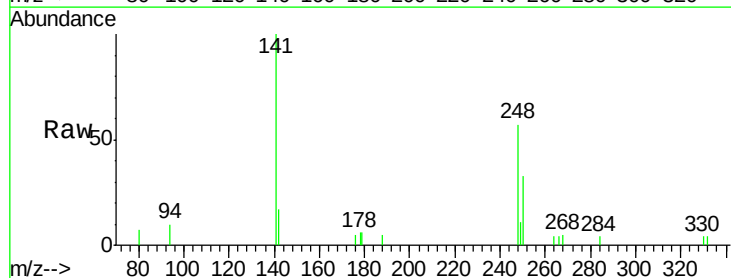
Tgt Ion:248 Resp: 1729

Ion Ratio Lower Upper

248 100

250 57.6 62.7 94.1#

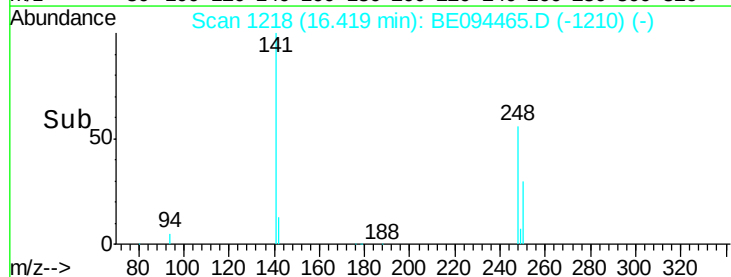
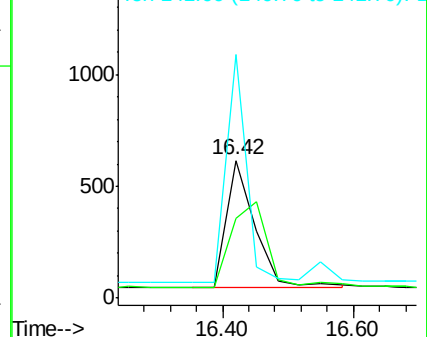
141 176.8 48.2 72.2#

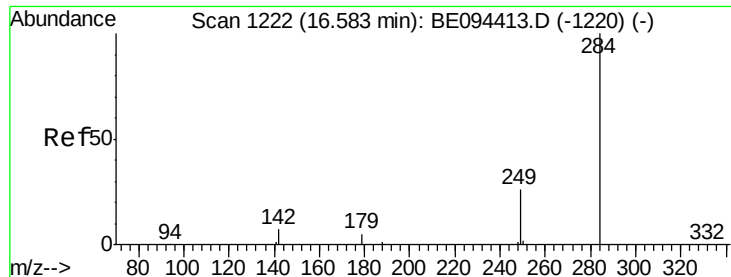


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

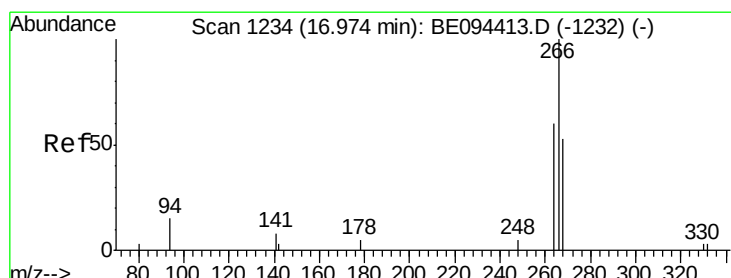
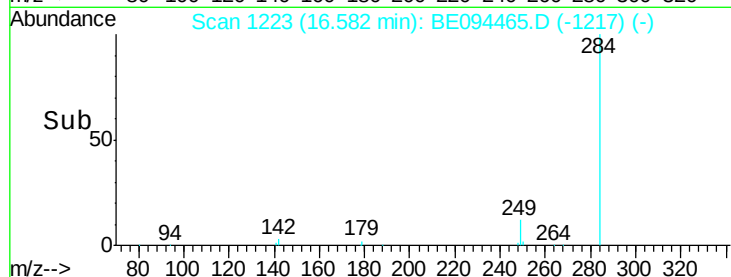
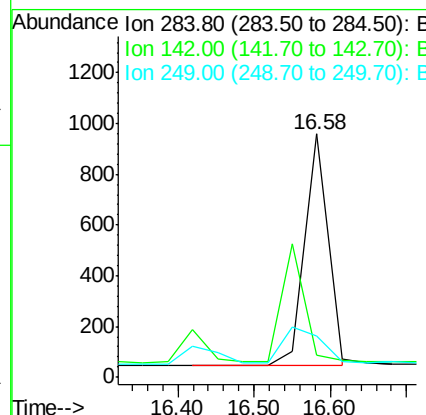
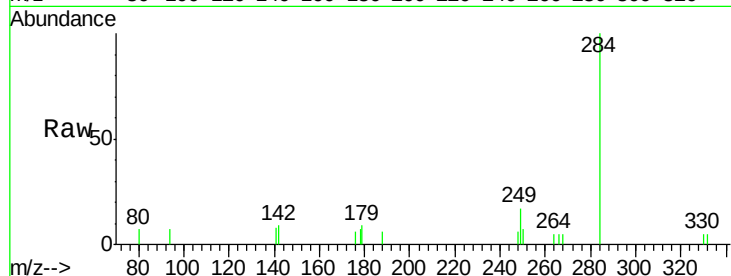




#21
Hexachlorobenzene
Concen: 0.270 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE094465.D
Acq: 20 Oct 2017 3:01

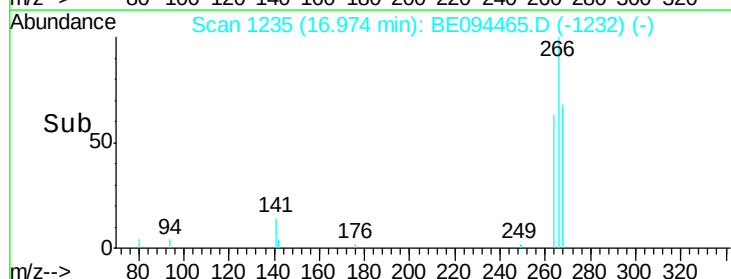
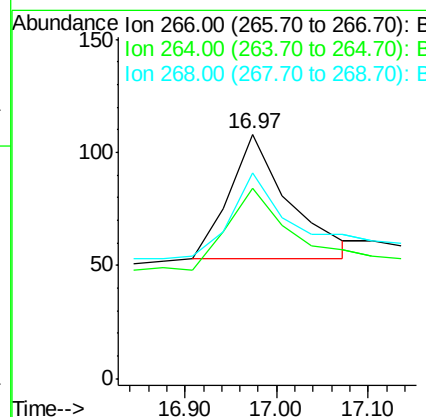
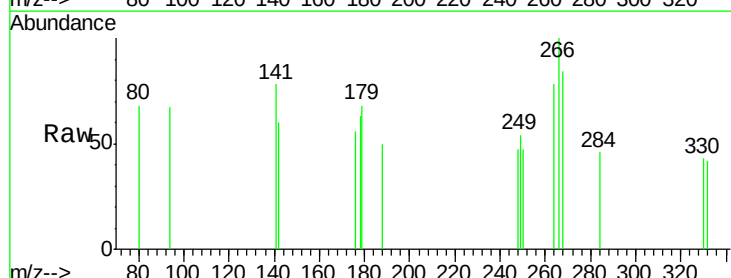
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

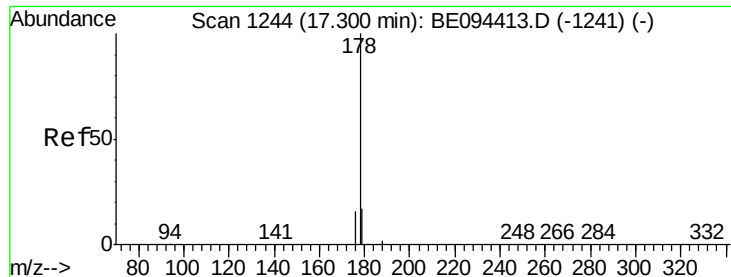
Tgt Ion: 284 Resp: 1938
Ion Ratio Lower Upper
284 100
142 0.0 22.1 33.1#
249 0.0 34.8 52.2#



#22
Pentachlorophenol
Concen: 0.473 ng
RT: 16.97 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BE094465.D
Acq: 20 Oct 2017 3:01

Tgt Ion: 266 Resp: 252
Ion Ratio Lower Upper
266 100
264 77.8 72.5 108.7
268 84.3 73.8 110.6





#23

Phenanthrene

Concen: 0.287 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

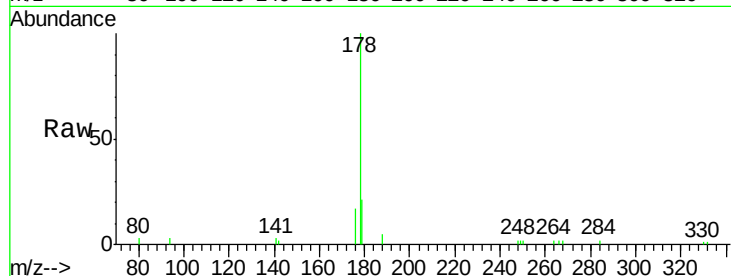
Tgt Ion:178 Resp: 8549

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

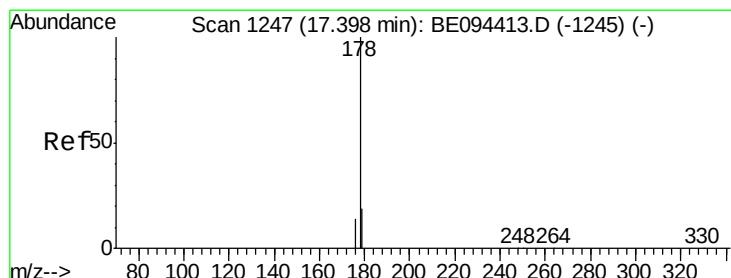
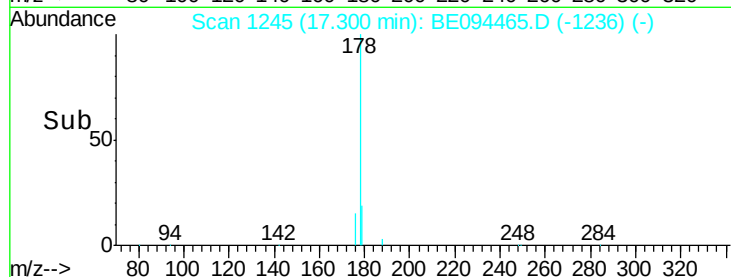
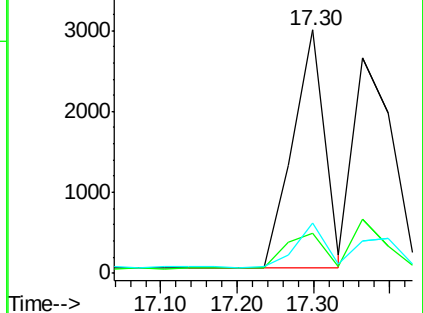
179 17.0 11.8 17.6



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: 0.372 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

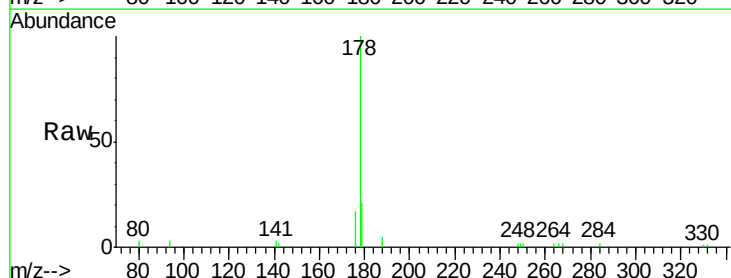
Tgt Ion:178 Resp: 8549

Ion Ratio Lower Upper

178 100

176 18.2 12.8 19.2

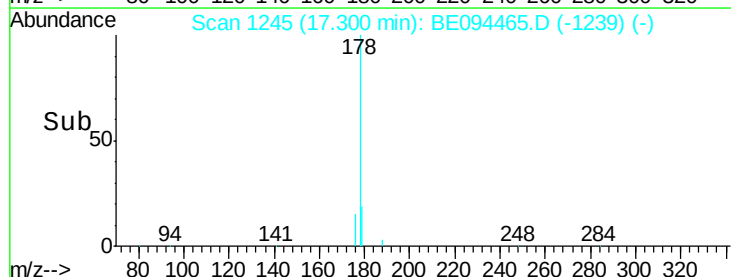
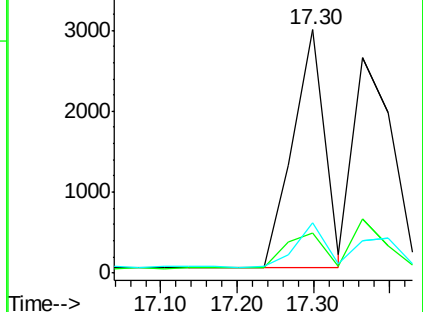
179 16.7 13.0 19.6

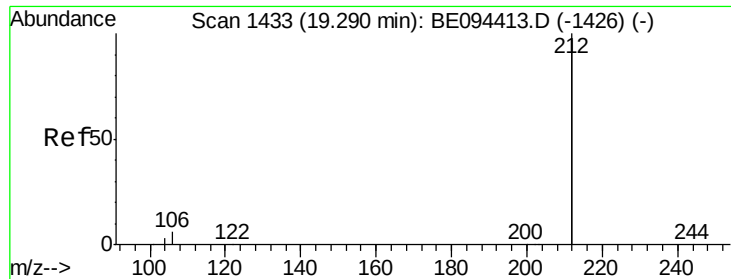


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

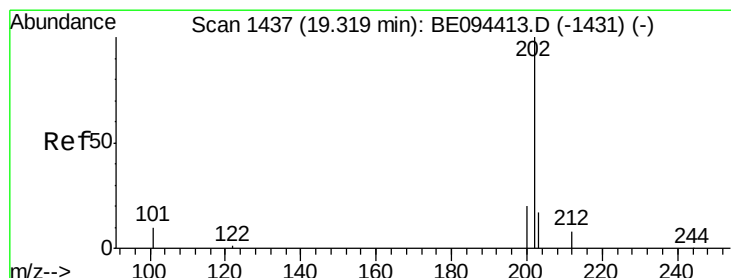
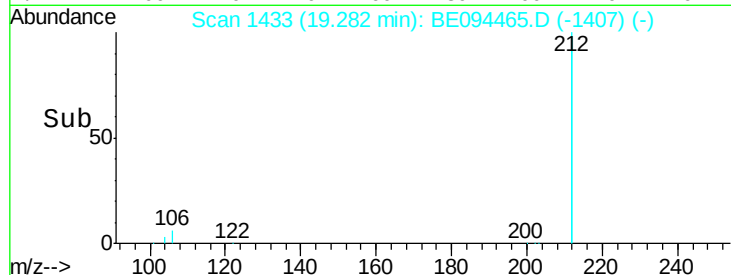
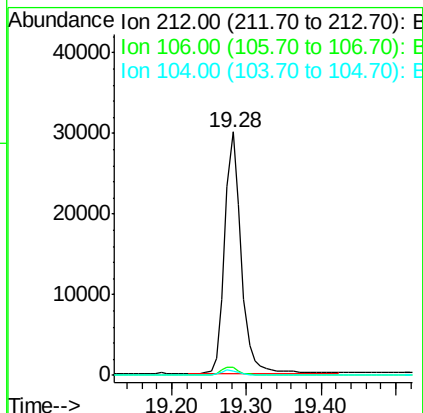
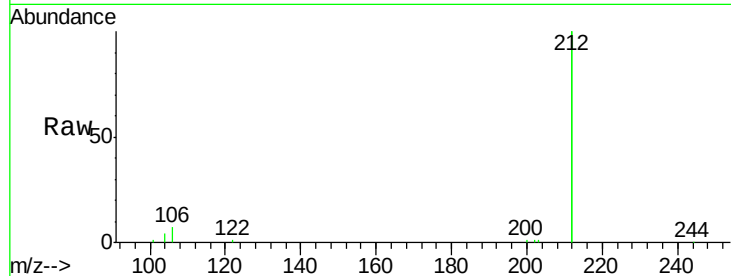
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	212	Resp:	45714
Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	2.0	1.6	2.4



#26

Fluoranthene

Concen: 0.374 ng

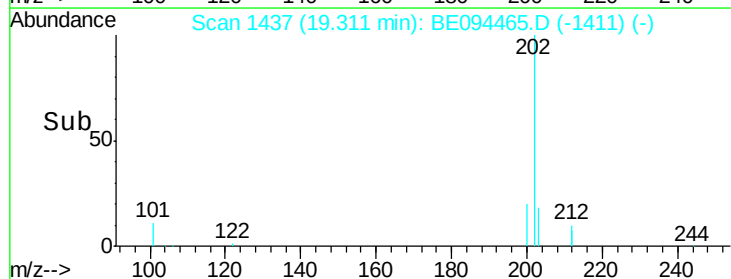
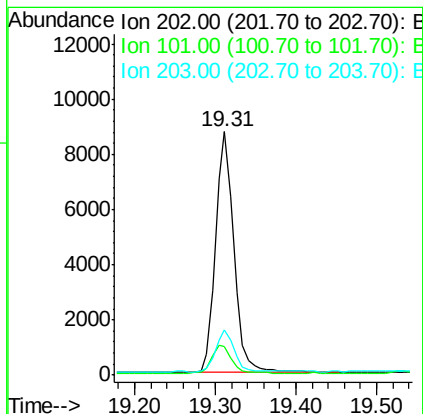
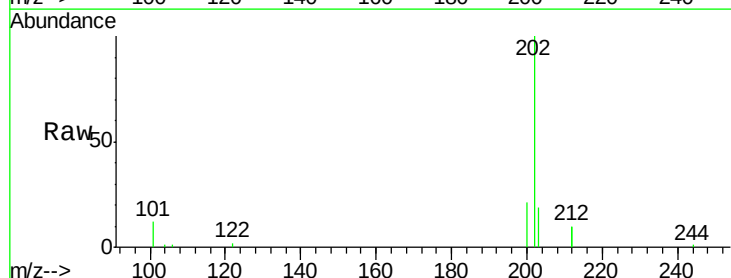
RT: 19.31 min Scan# 1437

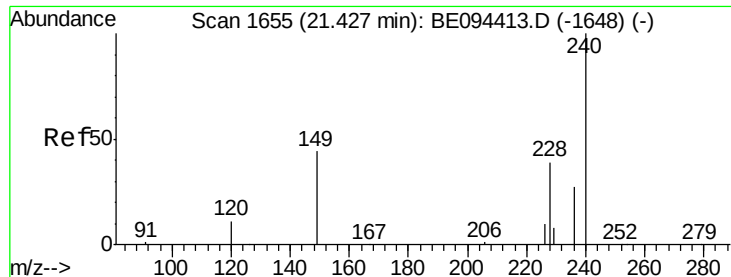
Delta R.T. -0.01 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

Tgt Ion:	202	Resp:	13815
Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.8	14.8
203	17.2	13.7	20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

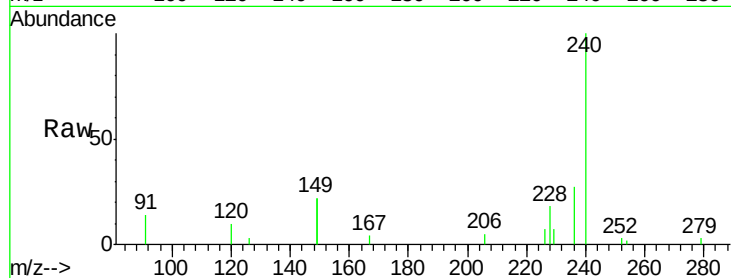
Tgt Ion:240 Resp: 9512

Ion Ratio Lower Upper

240 100

120 9.9 5.5 8.3#

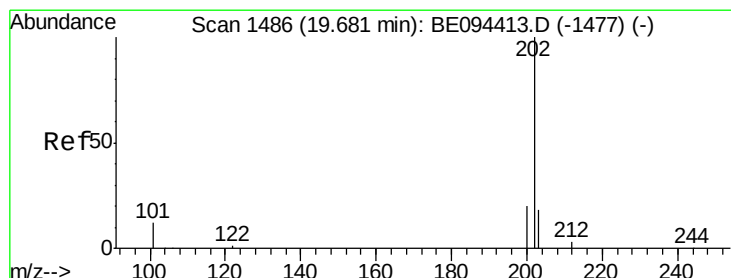
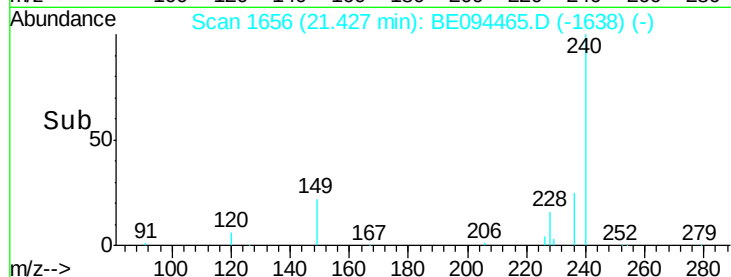
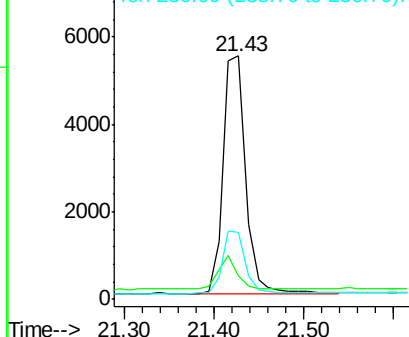
236 27.3 20.7 31.1



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: 0.407 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

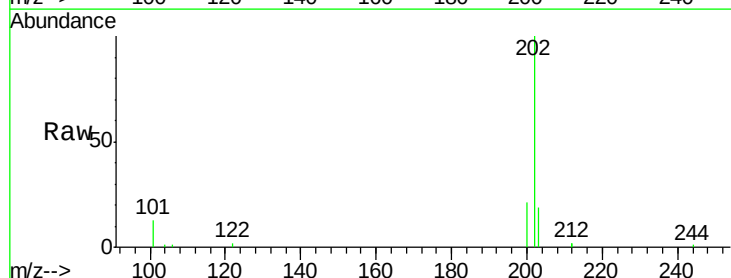
Tgt Ion:202 Resp: 14611

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

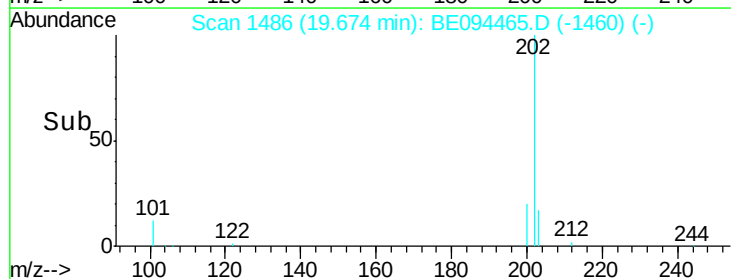
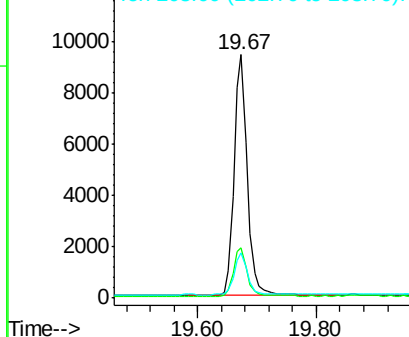
203 17.3 13.8 20.8

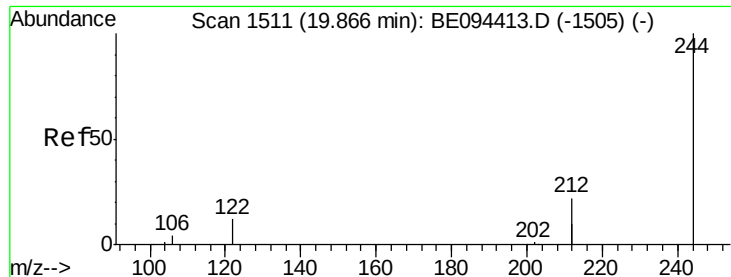


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.413 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

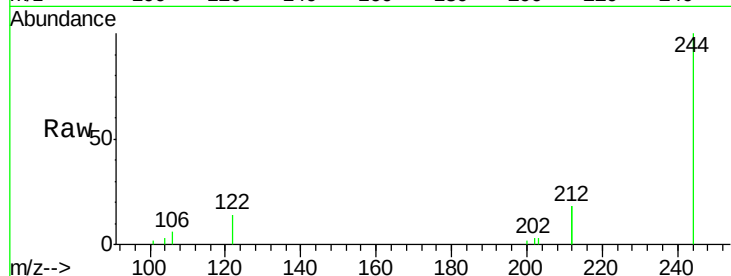
Tgt Ion:244 Resp: 7926

Ion Ratio Lower Upper

244 100

212 36.7 25.4 38.0

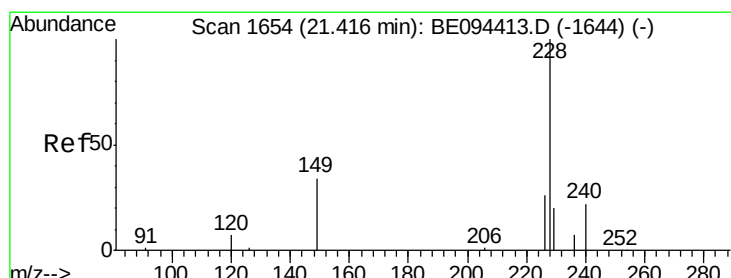
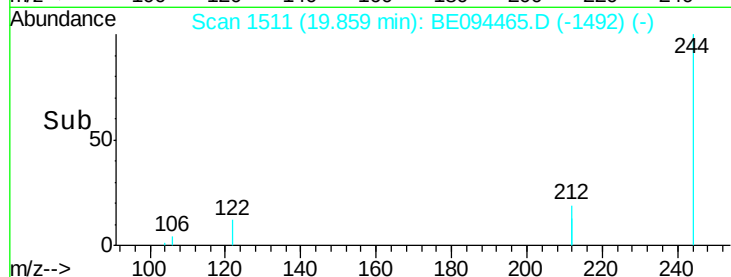
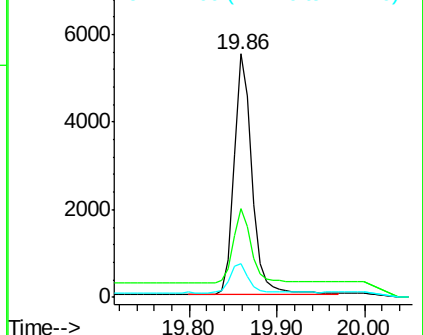
122 13.7 8.1 12.1#



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: 0.407 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

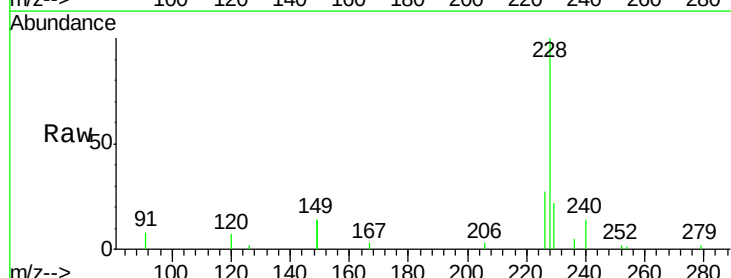
Tgt Ion:228 Resp: 13382

Ion Ratio Lower Upper

228 100

226 27.2 40.0 60.0#

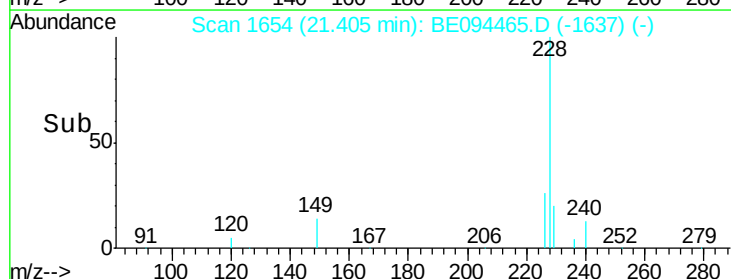
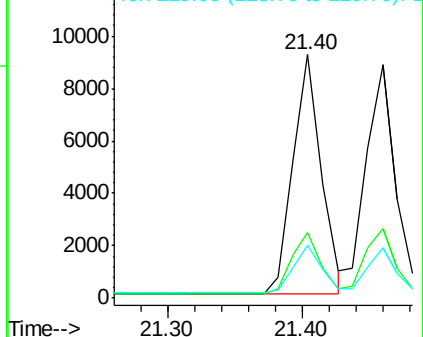
229 21.7 40.0 60.0#

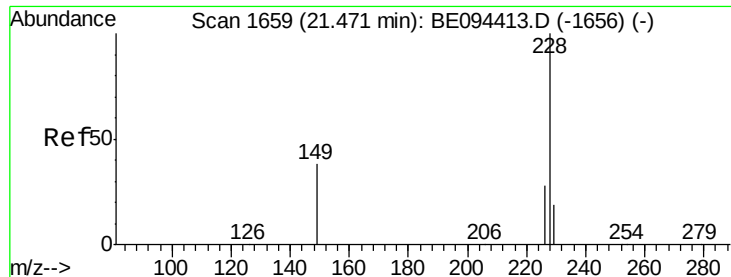


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.429 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

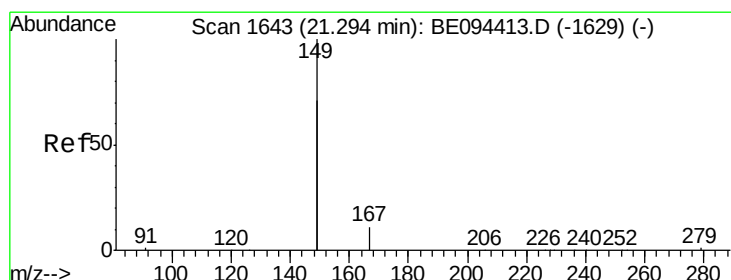
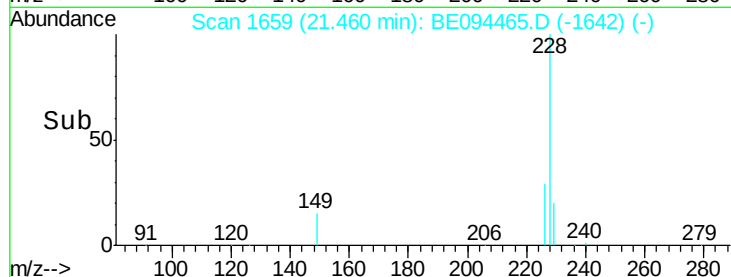
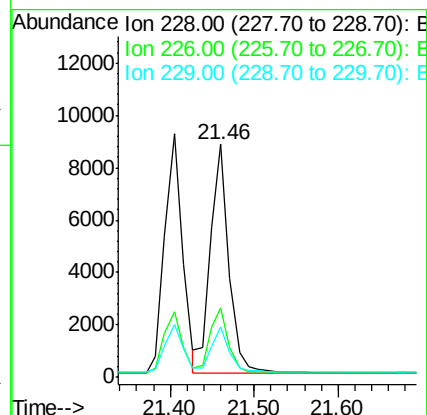
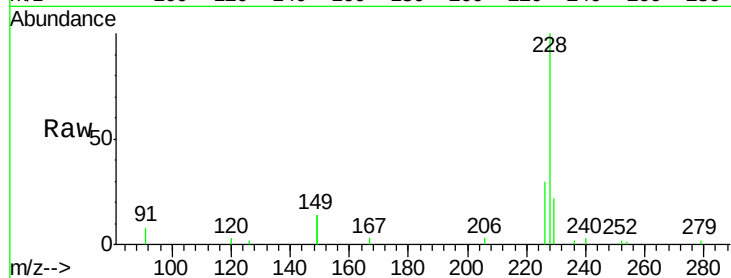
Tgt Ion: 228 Resp: 13573

Ion Ratio Lower Upper

228 100

226 30.0 40.0 60.0#

229 21.7 40.0 60.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.368 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

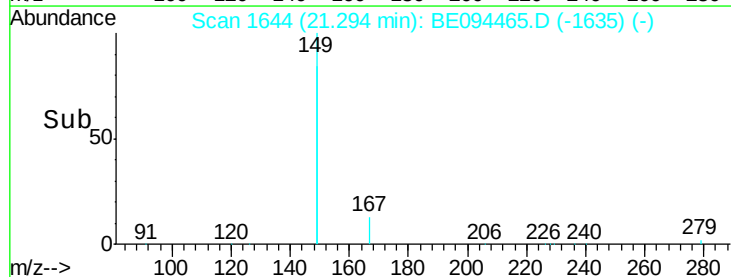
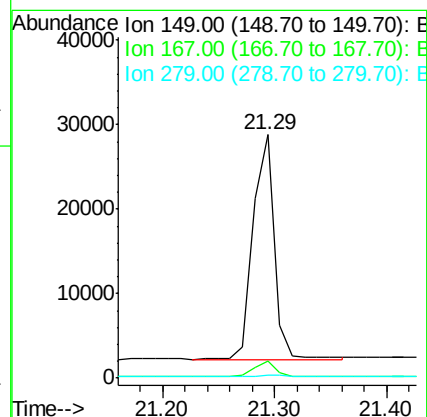
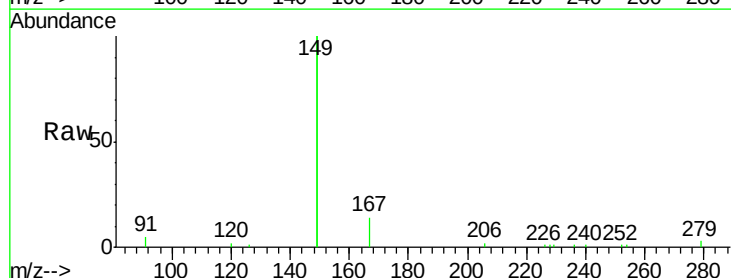
Tgt Ion: 149 Resp: 34854

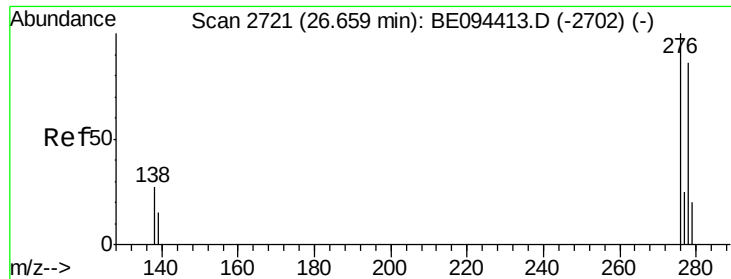
Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

279 0.9 0.7 1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.413 ng

RT: 26.63 min Scan# 2716

Delta R.T. -0.03 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

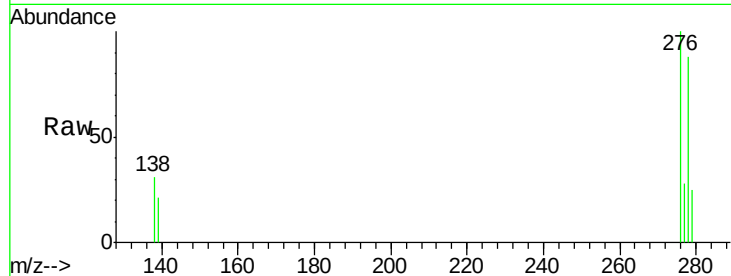
Tgt Ion:276 Resp: 13159

Ion Ratio Lower Upper

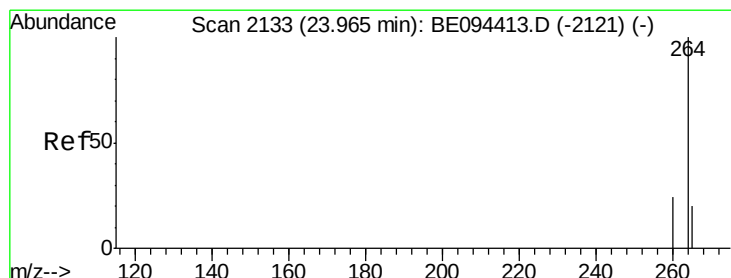
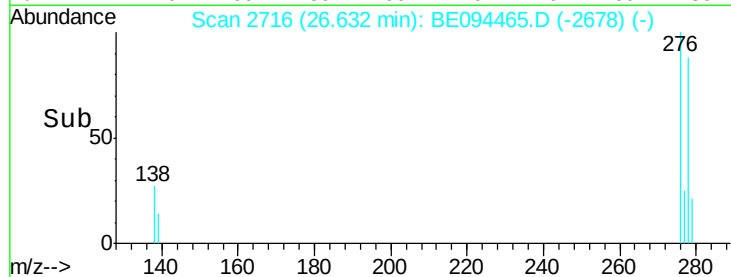
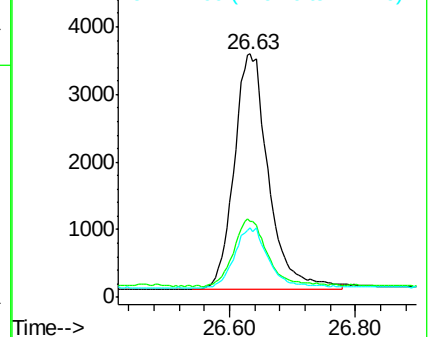
276 100

138 27.3 22.5 33.7

277 25.3 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: 23.95 min Scan# 2130

Delta R.T. -0.02 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

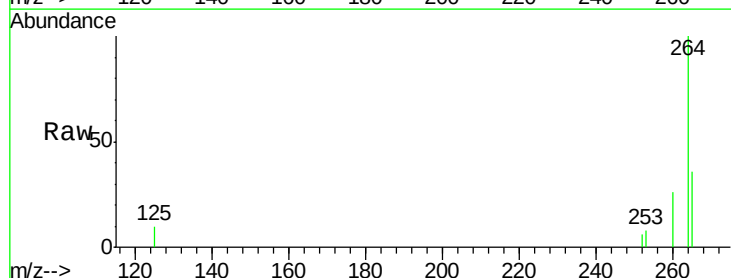
Tgt Ion:264 Resp: 9205

Ion Ratio Lower Upper

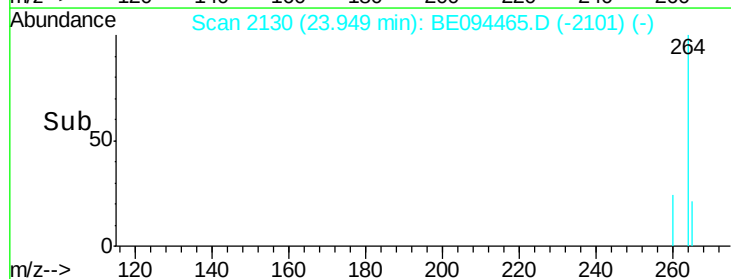
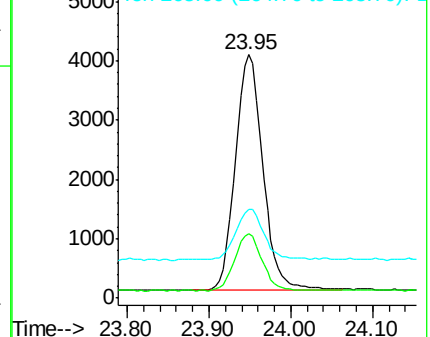
264 100

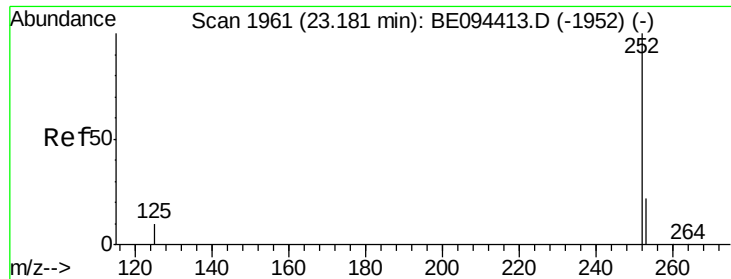
260 26.3 20.5 30.7

265 36.4 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: 0.396 ng

RT: 23.17 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

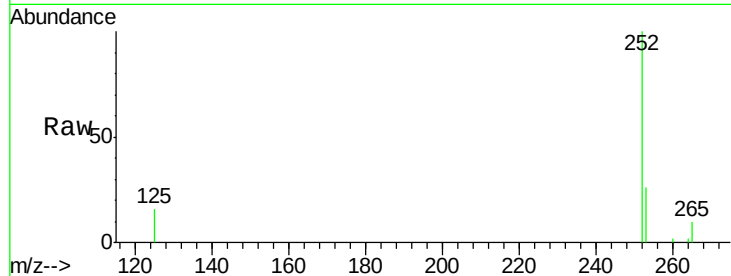
Tgt Ion: 252 Resp: 12379

Ion Ratio Lower Upper

252 100

253 26.1 48.0 72.0#

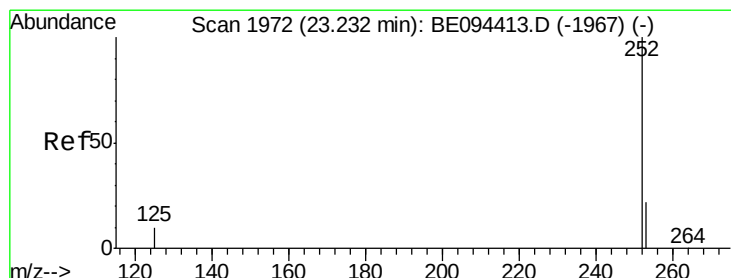
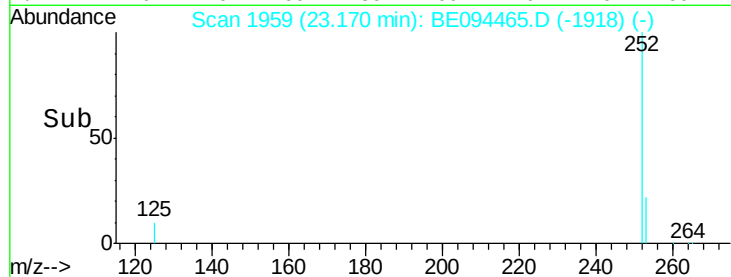
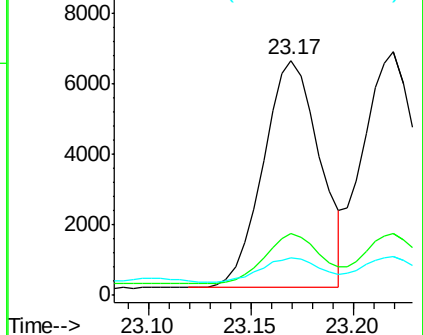
125 15.8 56.0 84.0#



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: 0.424 ng

RT: 23.22 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

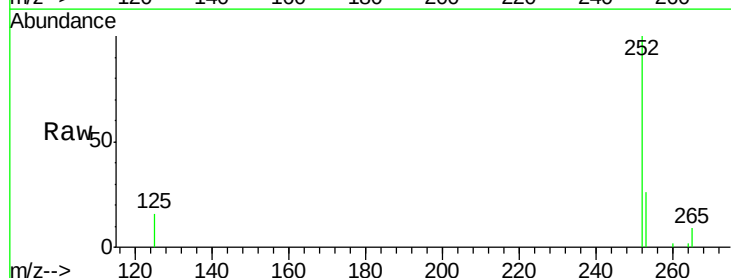
Tgt Ion: 252 Resp: 13043

Ion Ratio Lower Upper

252 100

253 25.6 48.0 72.0#

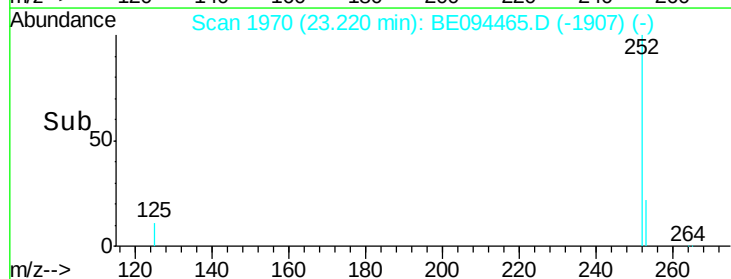
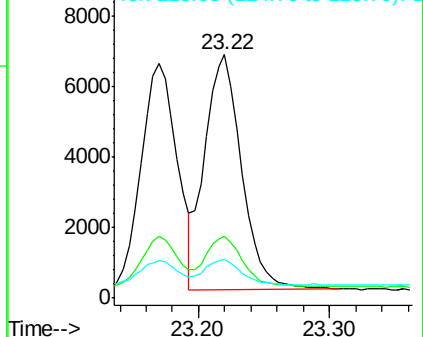
125 15.8 56.0 84.0#

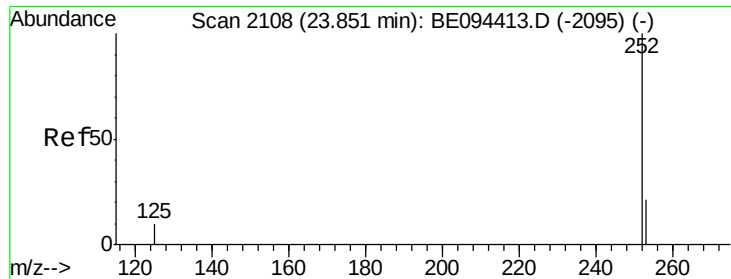


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.409 ng

RT: 23.83 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

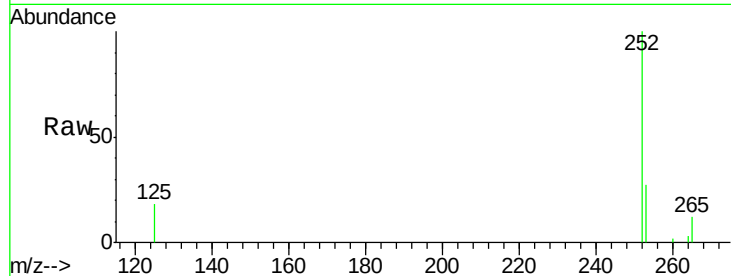
Tgt Ion:252 Resp: 12010

Ion Ratio Lower Upper

252 100

253 26.6 52.0 78.0#

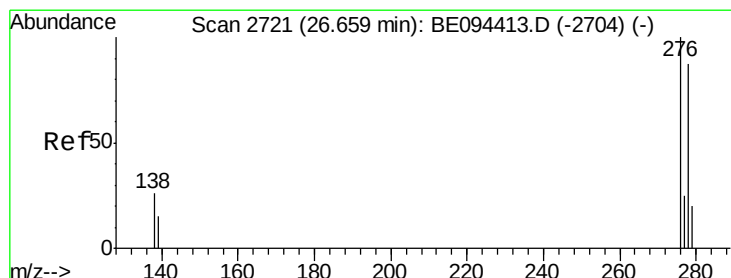
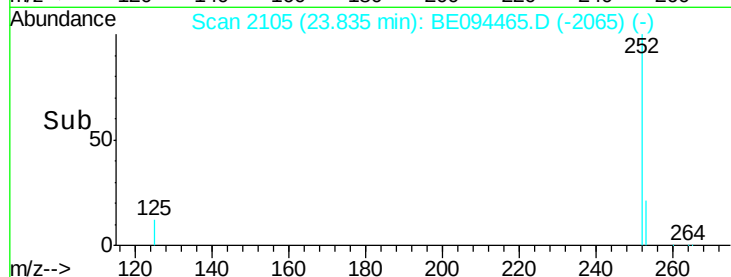
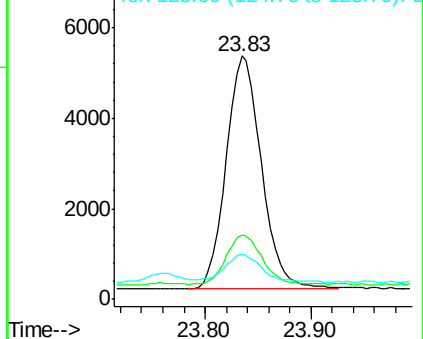
125 18.4 68.0 102.0#



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: 0.412 ng

RT: 26.64 min Scan# 2718

Delta R.T. -0.02 min

Lab File: BE094465.D

Acq: 20 Oct 2017 3:01

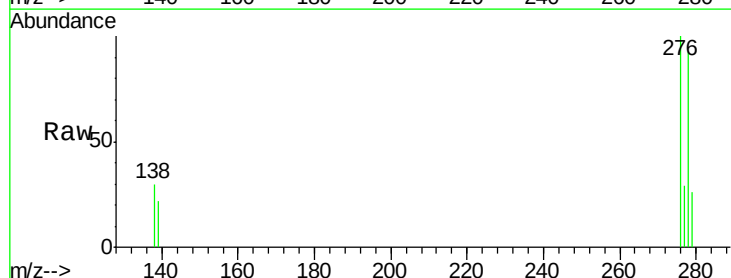
Tgt Ion:278 Resp: 11443

Ion Ratio Lower Upper

278 100

139 23.4 56.0 84.0#

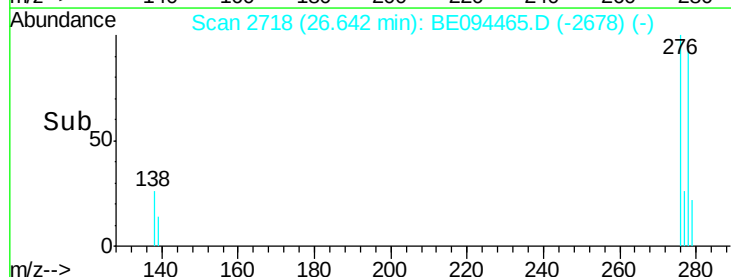
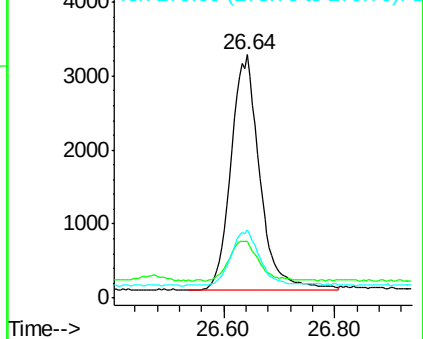
279 27.9 52.0 78.0#

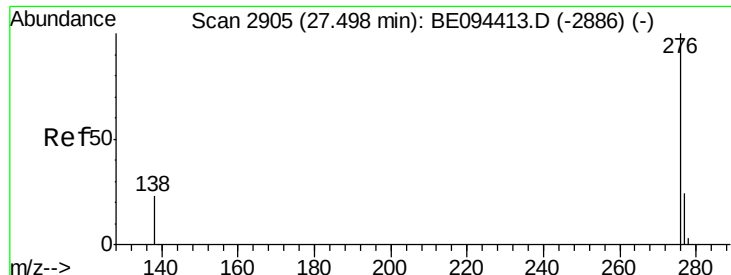


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.409 ng

RT: 27.47 min Scan# 2899

Delta R.T. -0.03 min

Lab File: BE094465.D

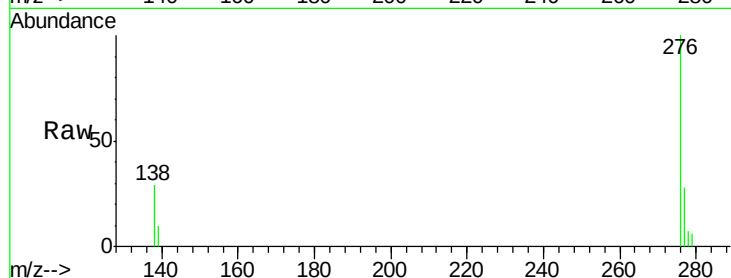
Acq: 20 Oct 2017 3:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 10939

Ion Ratio Lower Upper

276 100

277 27.5 52.0 78.0#

138 29.3 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

