

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
 Data File : BE094441.D
 Acq On : 19 Oct 2017 11:01
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 20 12:37:53 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 14:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1224	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	6588	0.40	ng	-0.02
13) Acenaphthene-d10	14.52	164	3987	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	6890	0.40	ng	-0.03
27) Chrysene-d12	21.43	240	9318	0.40	ng	0.00
34) Perylene-d12	23.96	264	8991	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1743	0.42	ng	0.00
5) Phenol-d6	7.13	99	2681	0.42	ng	0.00
8) Nitrobenzene-d5	9.08	82	2354	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4492	0.44	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	555	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6093	0.43	ng	0.00
25) Fluoranthene-d10	19.28	212	44242	0.40	ng	0.00
29) Terphenyl-d14	19.87	244	7650	0.41	ng	0.00

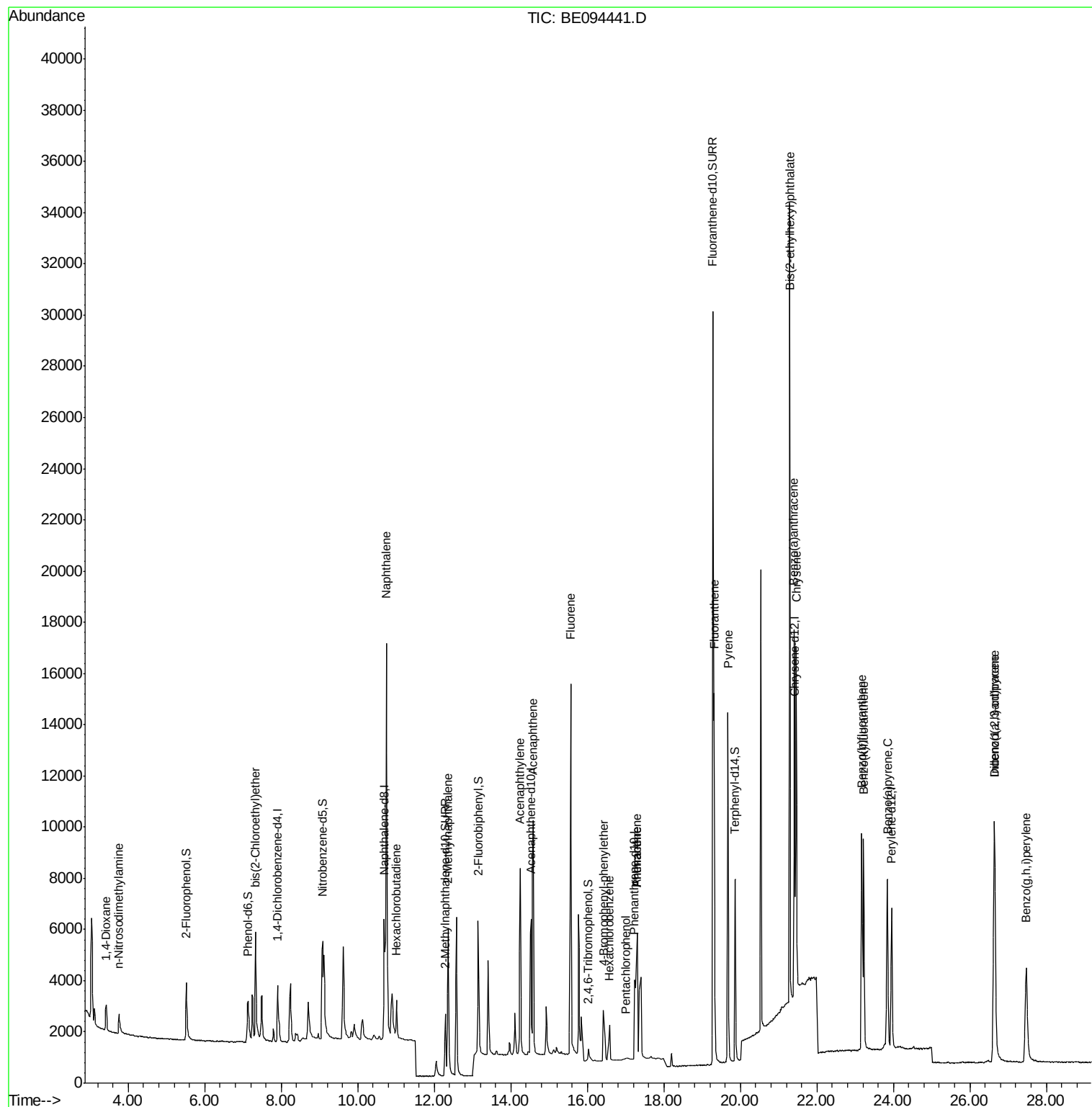
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	955	0.468	ng	# 87
3) n-Nitrosodimethylamine	3.75	42	775	0.364	ng	# 85
6) bis(2-Chloroethyl)ether	7.33	93	2069	0.434	ng	88
9) Naphthalene	10.74	128	32059	0.435	ng	100
10) Hexachlorobutadiene	11.01	225	1203	0.409	ng	97
12) 2-Methylnaphthalene	12.36	142	5434	0.447	ng	99
16) Acenaphthylene	14.24	152	9096	0.421	ng	99
17) Acenaphthene	14.58	154	5815	0.427	ng	98
18) Fluorene	15.56	166	7471	0.426	ng	98
20) 4-Bromophenyl-phenylether	16.42	248	1602	0.465	ng	# 1
21) Hexachlorobenzene	16.58	284	2290	0.342	ng	# 56
22) Pentachlorophenol	17.01	266	137	0.345	ng	98
23) Phenanthrene	17.30	178	9092	0.335	ng	# 91
24) Anthracene	17.30	178	9073	0.433	ng	# 92
26) Fluoranthene	19.31	202	13304	0.395	ng	100
28) Pyrene	19.67	202	14013	0.399	ng	99
30) Benzo(a)anthracene	21.40	228	13292	0.412	ng	# 63
31) Chrysene	21.46	228	12951	0.417	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.29	149	34419	0.371	ng	100
33) Indeno(1,2,3-cd)pyrene	26.64	276	12933	0.414	ng	99
35) Benzo(b)fluoranthene	23.17	252	12675	0.416	ng	# 43
36) Benzo(k)fluoranthene	23.22	252	12515	0.417	ng	# 42
37) Benzo(a)pyrene	23.84	252	11868	0.414	ng	# 37
38) Dibenzo(a,h)anthracene	26.64	278	11229	0.414	ng	# 47
39) Benzo(g,h,i)perylene	27.47	276	10724	0.411	ng	# 56

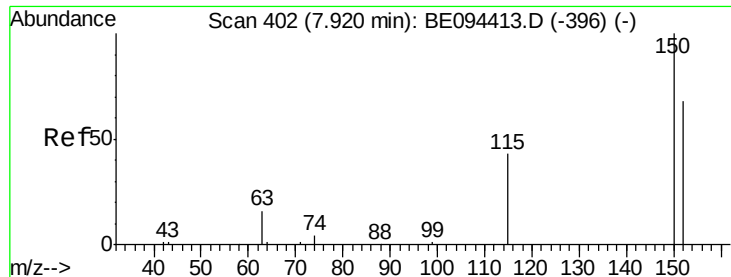
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 16 14:54:40 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.91 min Scan# 401

Delta R.T. -0.01 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

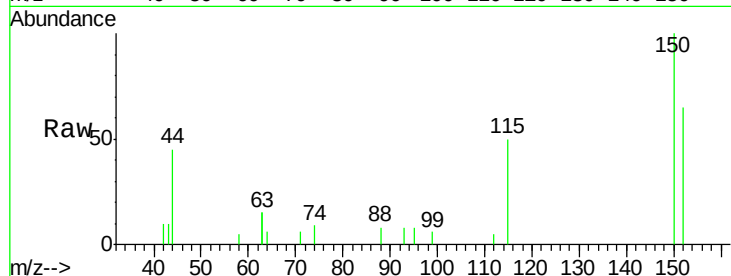
Tgt Ion:152 Resp: 1224

Ion Ratio Lower Upper

152 100

150 154.1 117.2 175.8

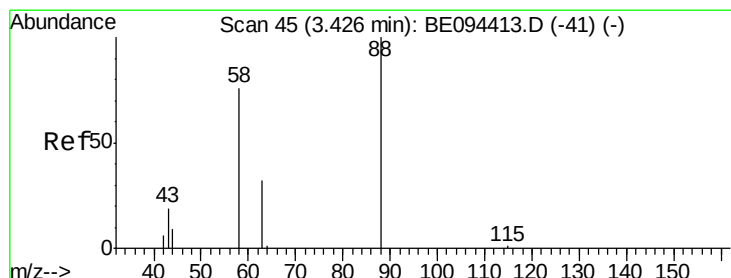
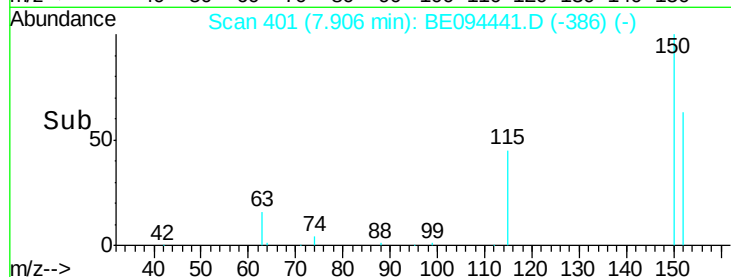
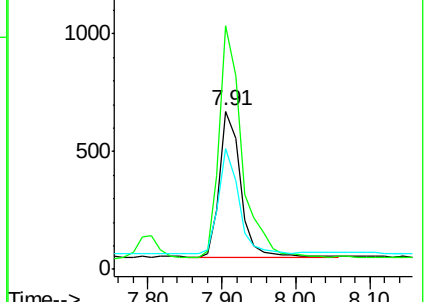
115 76.3 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.468 ng

RT: 3.42 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

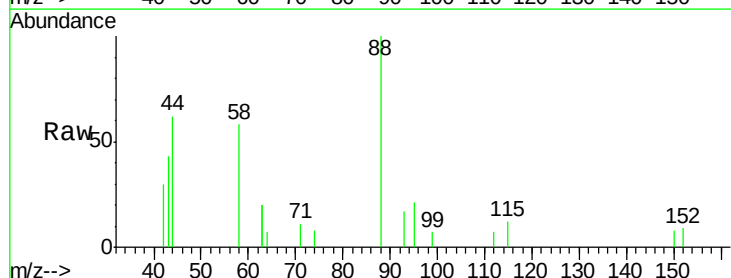
Tgt Ion: 88 Resp: 955

Ion Ratio Lower Upper

88 100

58 73.9 63.2 94.8

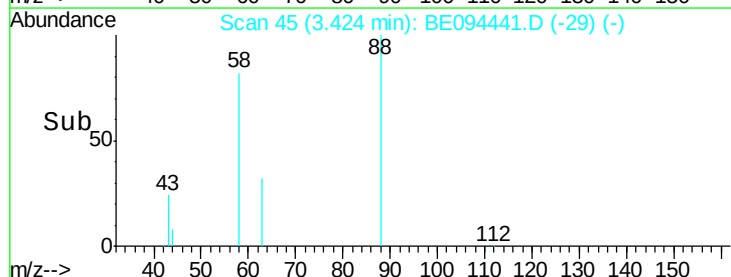
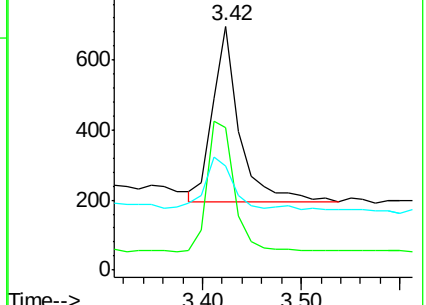
43 33.8 41.2 61.8#

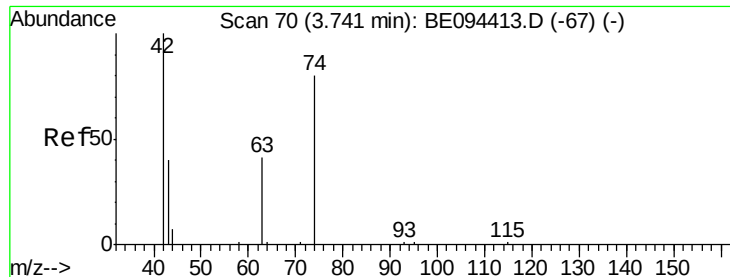


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



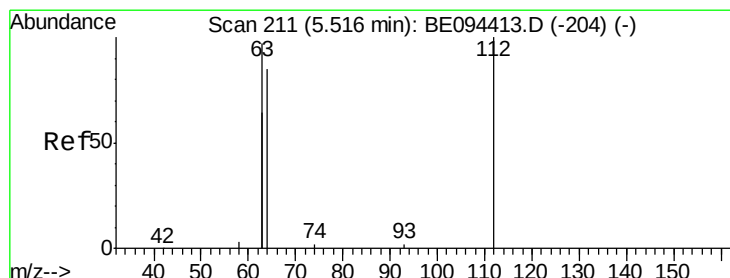
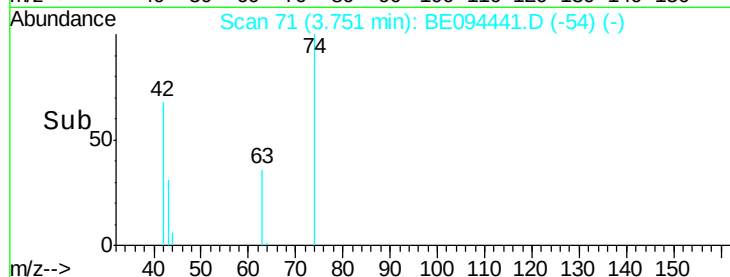
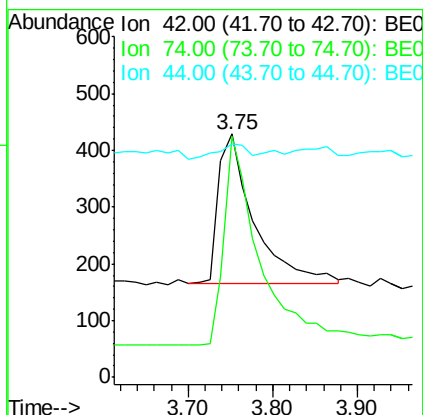
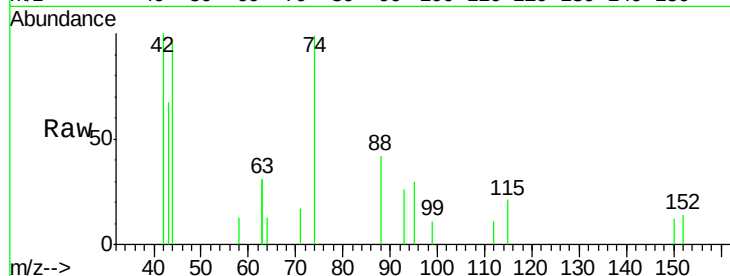


#3

n-Nitrosodimethylamine
 Concen: 0.364 ng
 RT: 3.75 min Scan# 71
 Delta R.T. 0.01 min
 Lab File: BE094441.D
 Acq: 19 Oct 2017 11:01

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

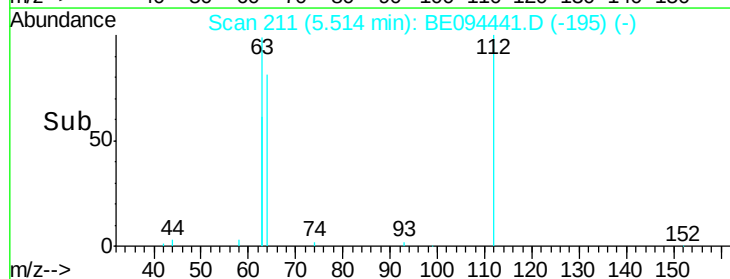
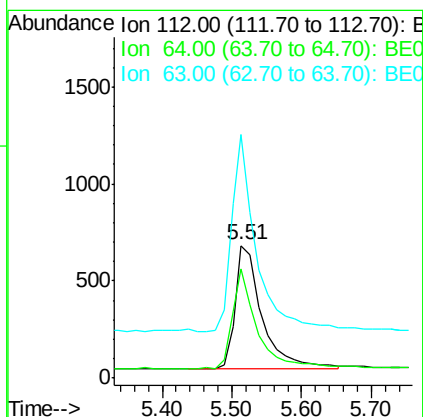
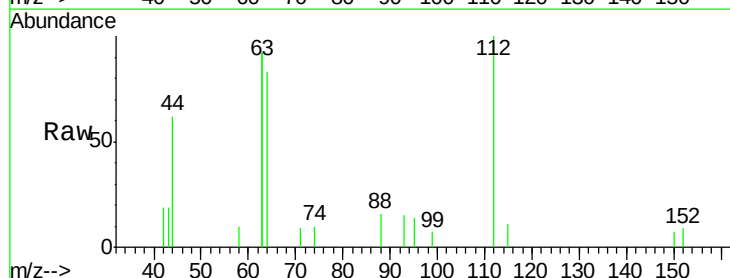
Tgt Ion: 42 Resp: 775
 Ion Ratio Lower Upper
 42 100
 74 140.8 100.3 150.5
 44 9.4 17.0 25.4#

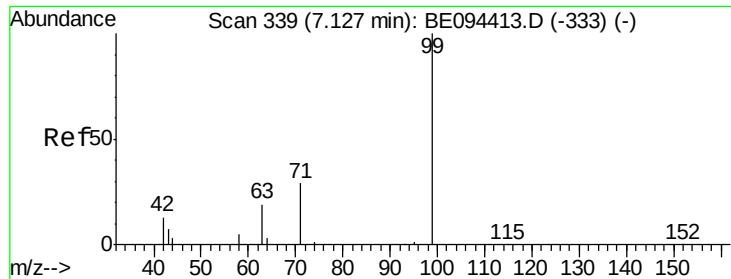


#4

2-Fluorophenol
 Concen: 0.421 ng
 RT: 5.51 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: BE094441.D
 Acq: 19 Oct 2017 11:01

Tgt Ion: 112 Resp: 1743
 Ion Ratio Lower Upper
 112 100
 64 73.0 60.1 90.1
 63 145.5 116.8 175.2





#5

Phenol-d6

Concen: 0.416 ng

RT: 7.13 min Scan# 339

Delta R.T. -0.00 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

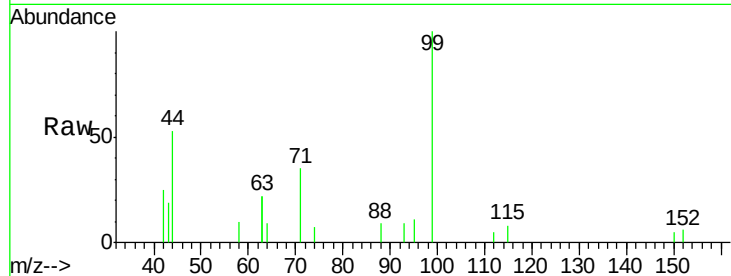
Tgt Ion: 99 Resp: 2681

Ion Ratio Lower Upper

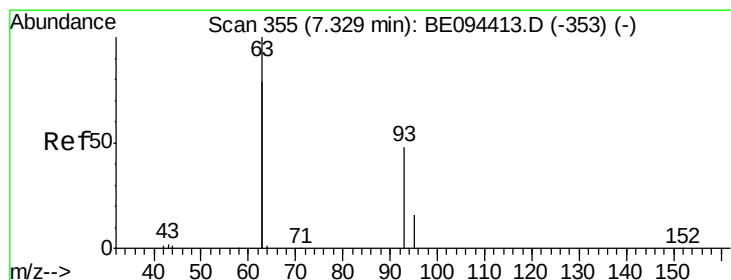
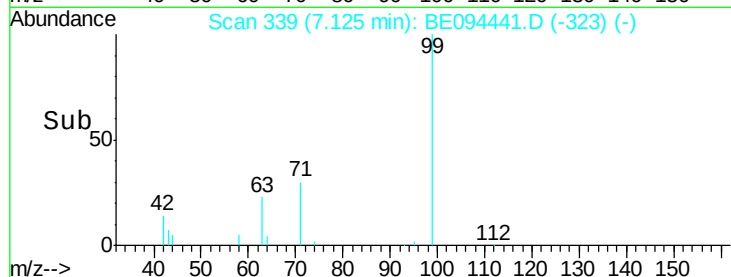
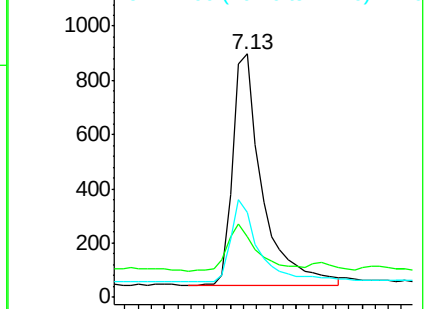
99 100

42 19.9 20.2 30.2#

71 33.4 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: 0.434 ng

RT: 7.33 min Scan# 355

Delta R.T. -0.00 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

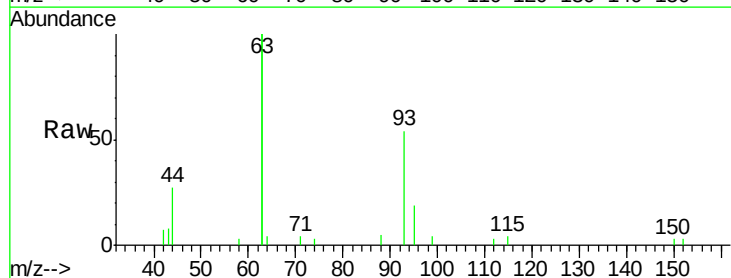
Tgt Ion: 93 Resp: 2069

Ion Ratio Lower Upper

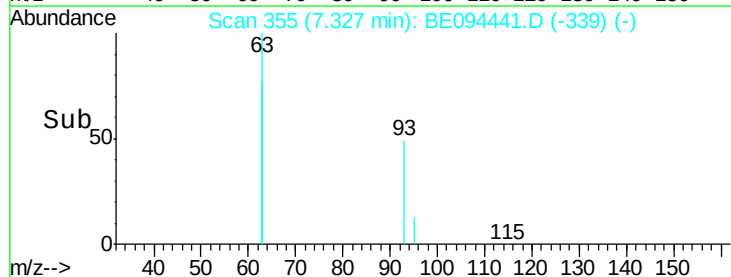
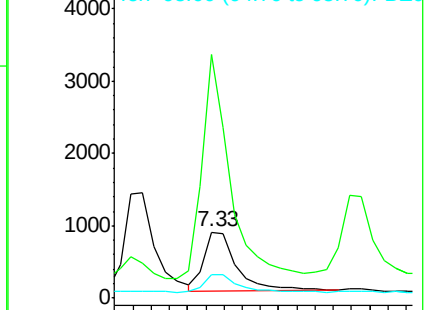
93 100

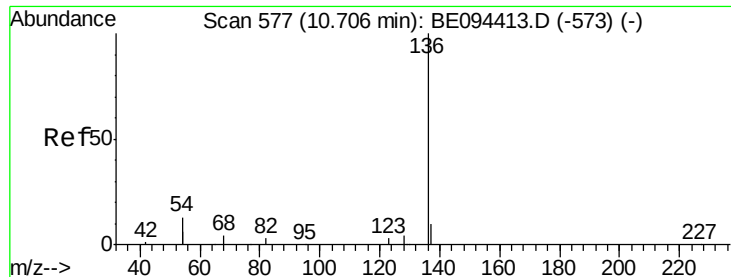
63 317.5 275.3 412.9

95 30.2 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: 10.69 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 6588

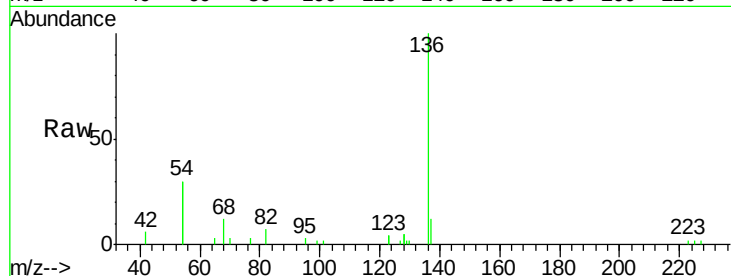
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 59.8 29.1 43.7#

68 11.9 6.2 9.2#

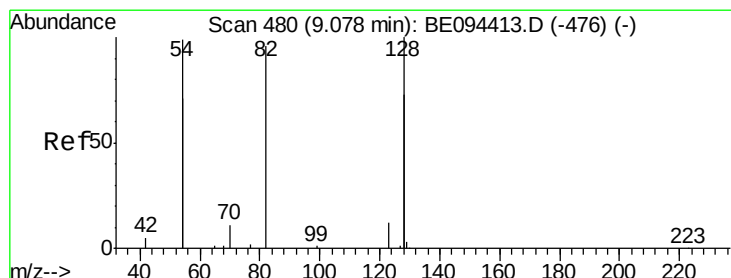
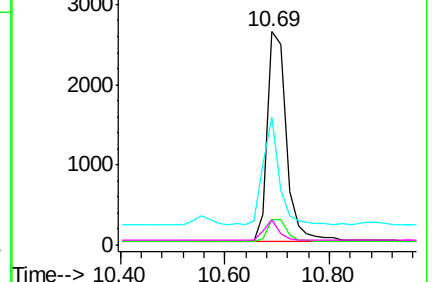
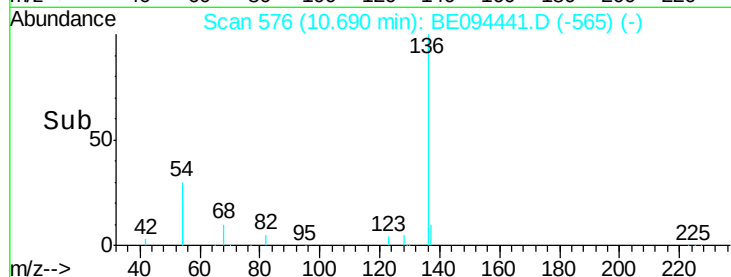


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.411 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

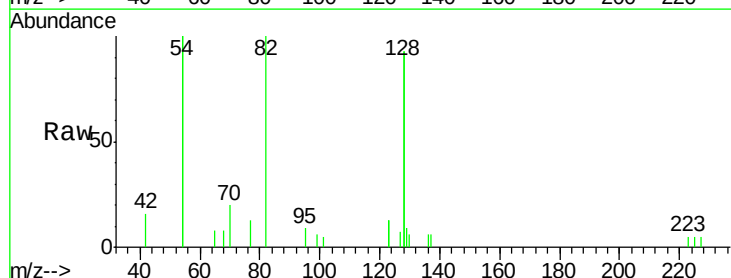
Tgt Ion: 82 Resp: 2354

Ion Ratio Lower Upper

82 100

128 185.8 150.0 225.0

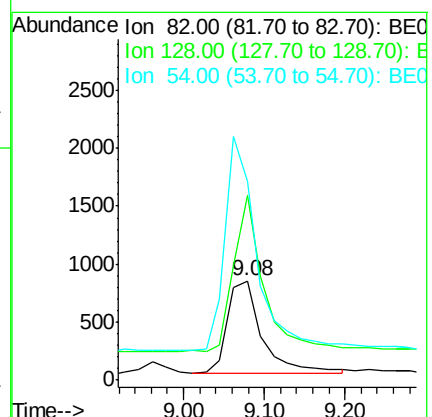
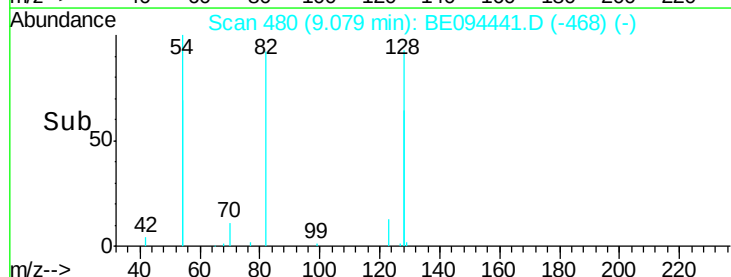
54 200.0 154.2 231.4

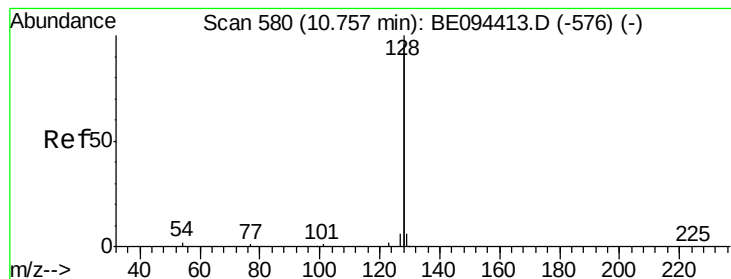


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.435 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.02 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

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ClientSampleId :

SSTDCCC0.4

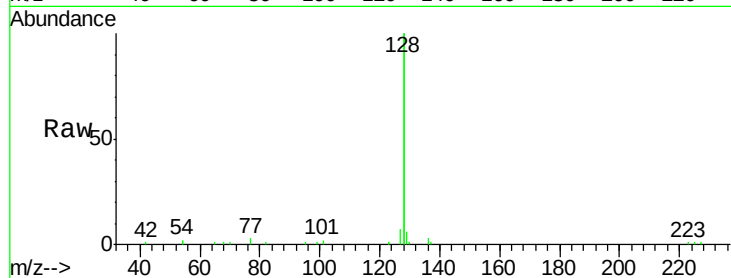
Tgt Ion:128 Resp: 32059

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

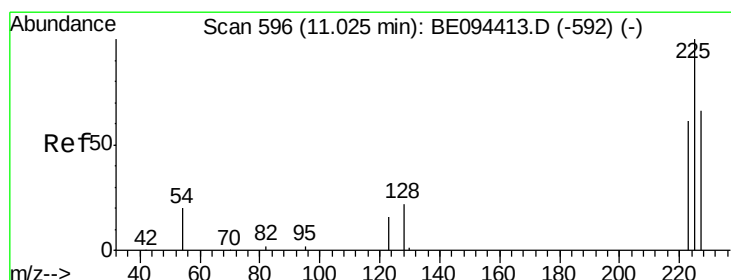
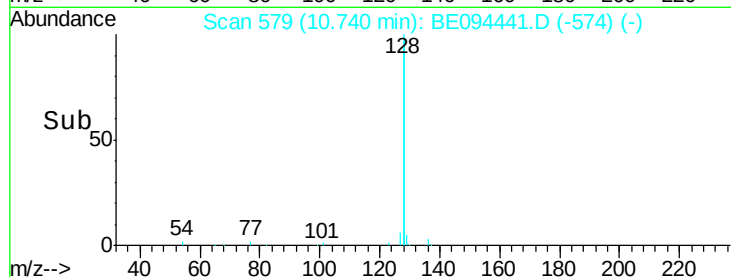
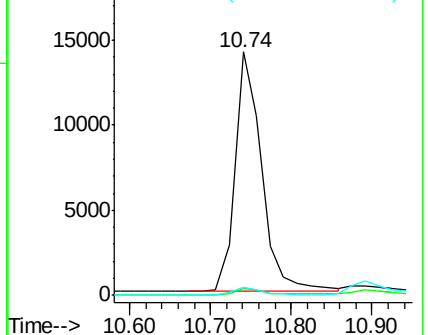
127 3.5 2.8 4.2



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: 0.409 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.02 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

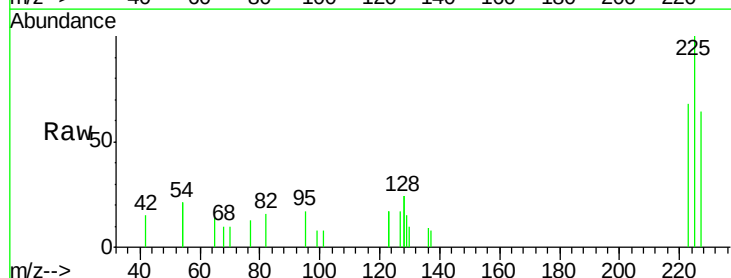
Tgt Ion:225 Resp: 1203

Ion Ratio Lower Upper

225 100

223 62.7 53.0 79.6

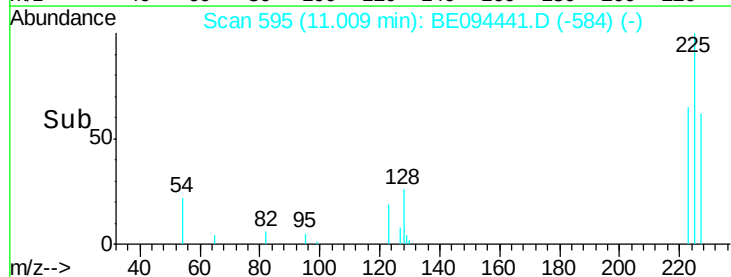
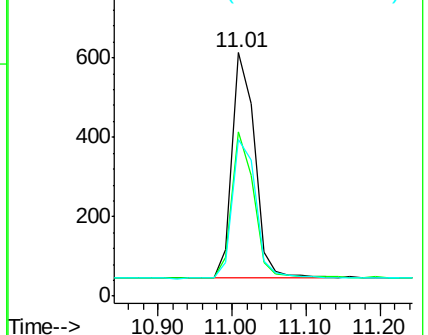
227 64.8 51.4 77.2

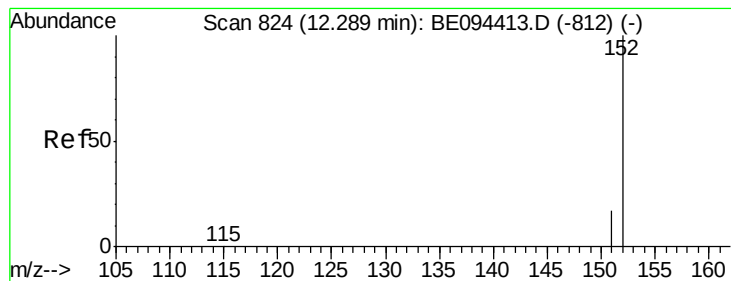


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.442 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

Instrument :

BNA_E

ClientSampleId :

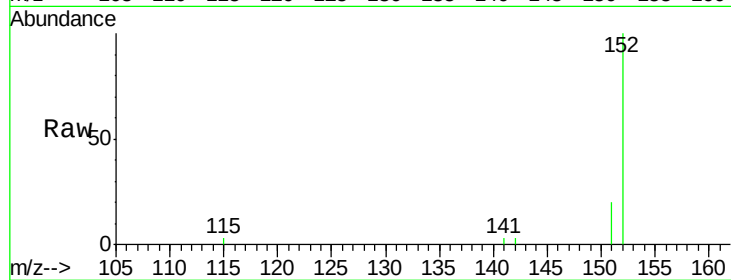
SSTDCCC0.4

Tgt Ion:152 Resp: 4492

Ion Ratio Lower Upper

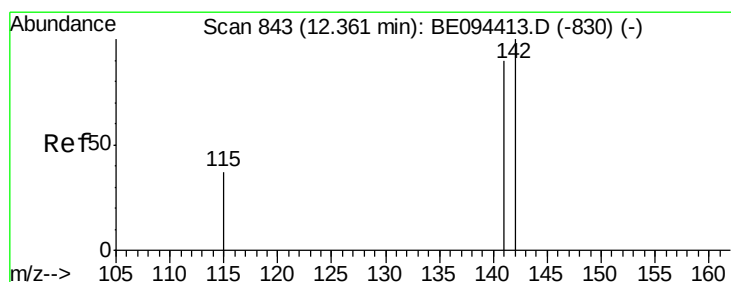
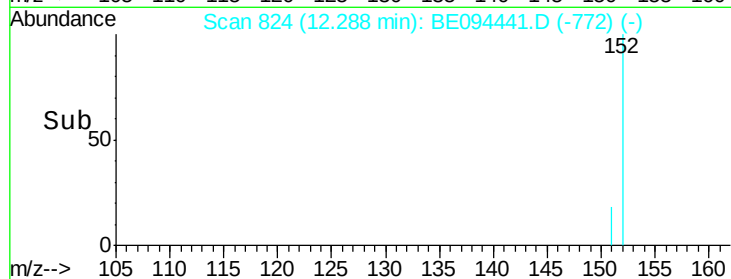
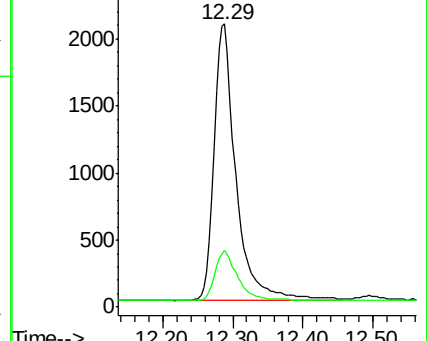
152 100

151 19.0 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: 0.447 ng

RT: 12.36 min Scan# 842

Delta R.T. -0.00 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

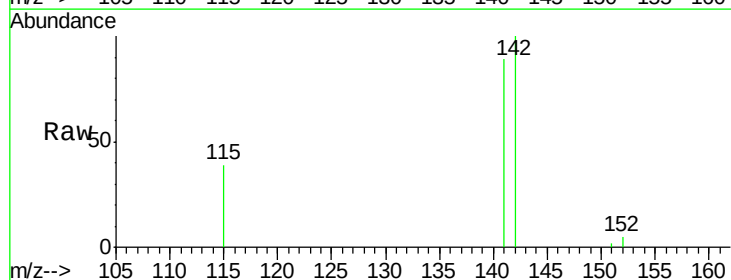
Tgt Ion:142 Resp: 5434

Ion Ratio Lower Upper

142 100

141 88.8 70.4 105.6

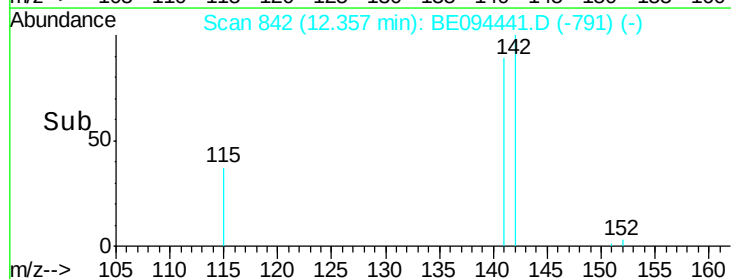
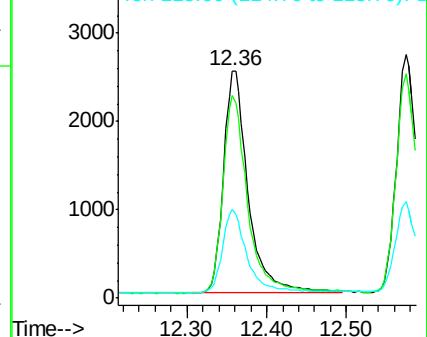
115 38.7 31.7 47.5

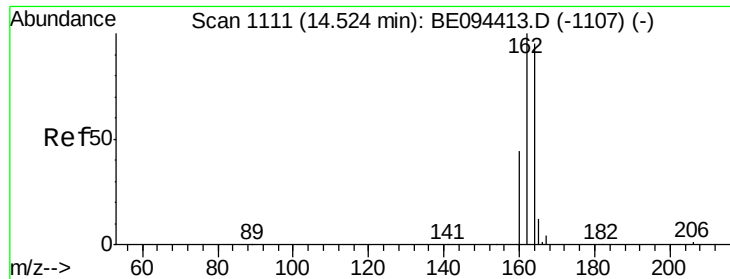


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.52 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

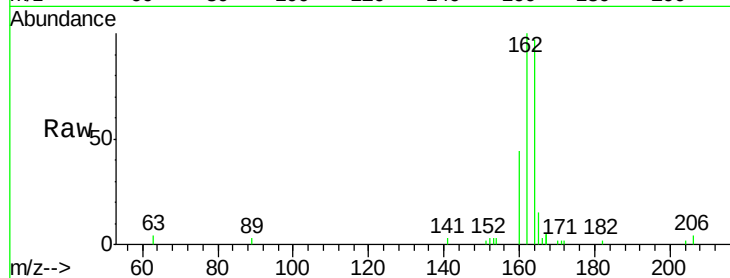
Tgt Ion:164 Resp: 3987

Ion Ratio Lower Upper

164 100

162 103.2 83.1 124.7

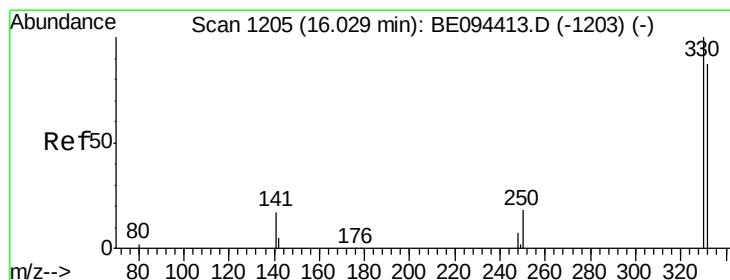
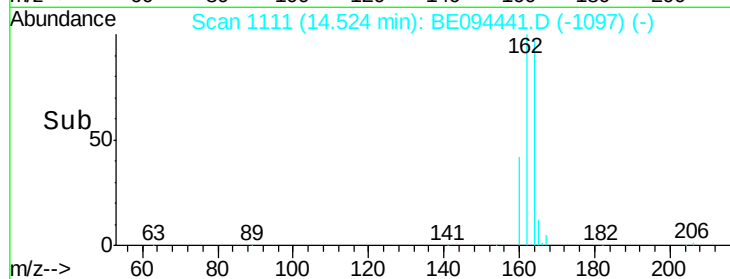
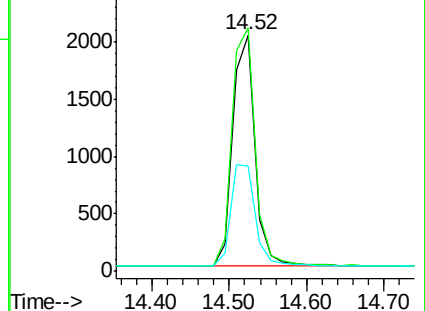
160 44.9 37.1 55.7



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: 0.365 ng

RT: 16.03 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

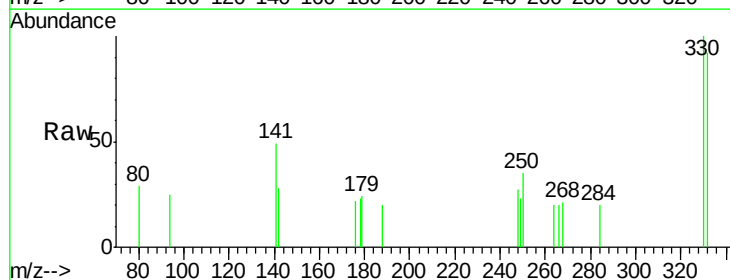
Tgt Ion:330 Resp: 555

Ion Ratio Lower Upper

330 100

332 95.5 152.7 229.1#

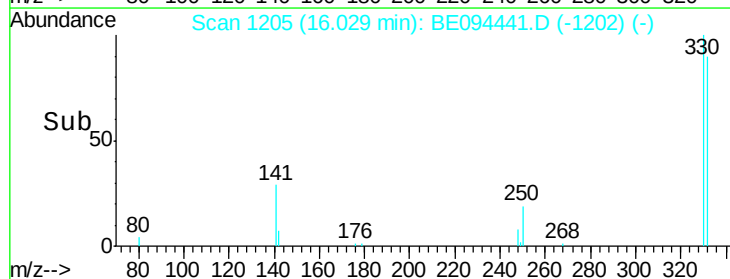
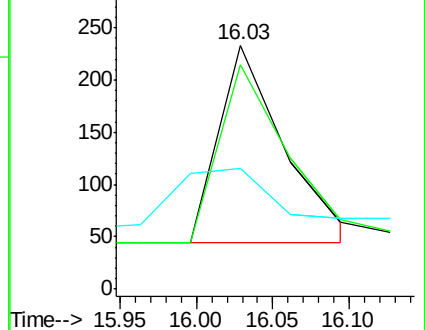
141 0.0 33.7 50.5#

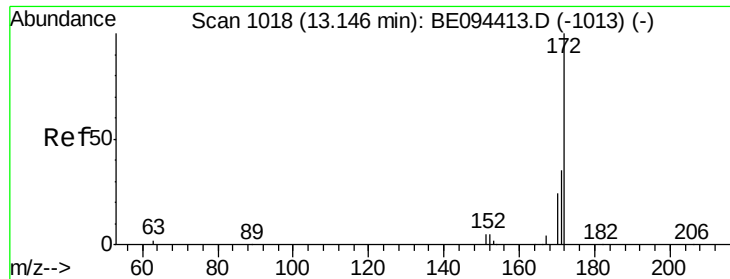


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

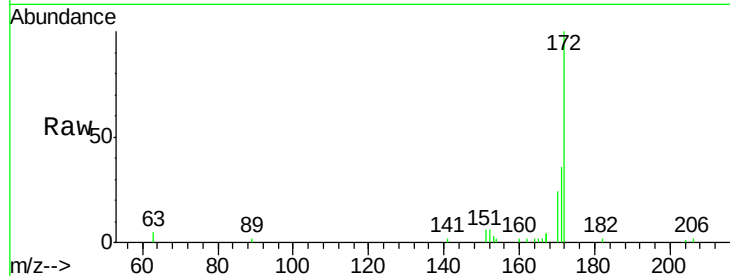




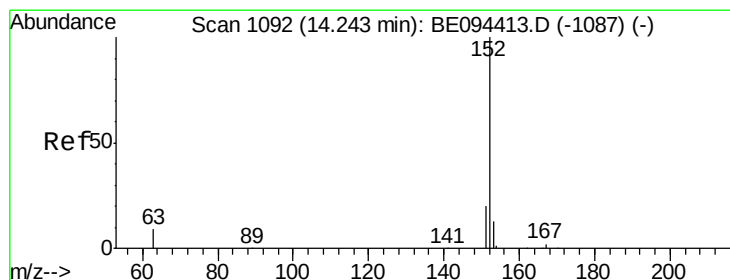
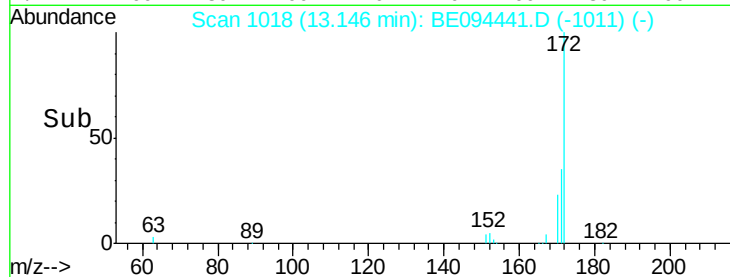
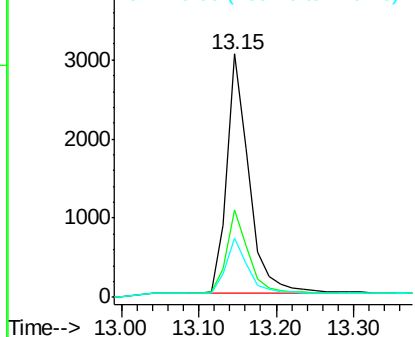
#15
2-Fluorobiphenyl
Concen: 0.428 ng
RT: 13.15 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094441.D
Acq: 19 Oct 2017 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 6093
Ion Ratio Lower Upper
172 100
171 36.0 29.9 44.9
170 24.4 21.8 32.8

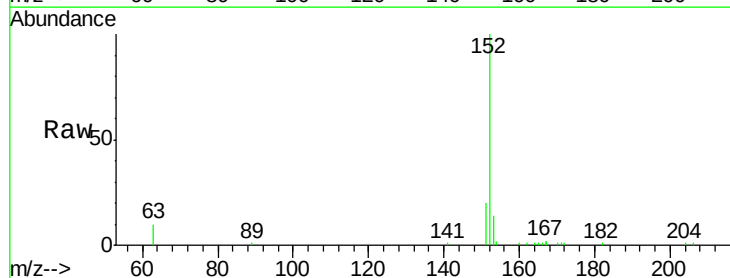


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

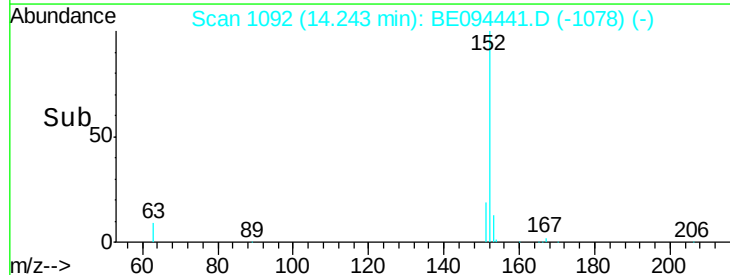
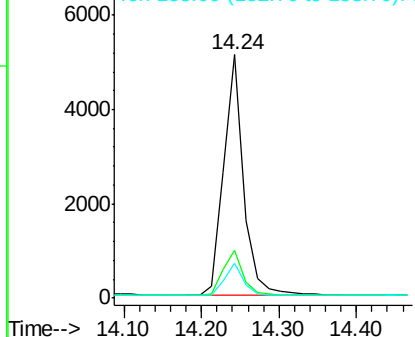


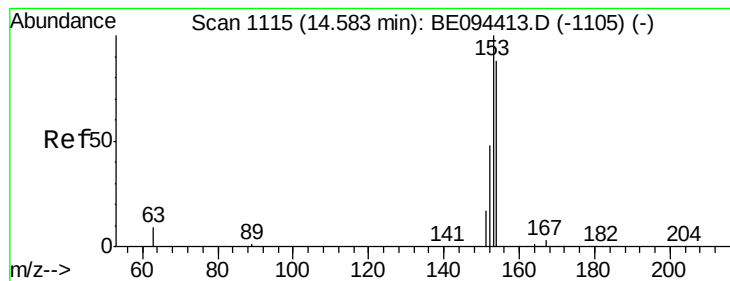
#16
Acenaphthylene
Concen: 0.421 ng
RT: 14.24 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE094441.D
Acq: 19 Oct 2017 11:01

Tgt Ion:152 Resp: 9096
Ion Ratio Lower Upper
152 100
151 19.2 15.7 23.5
153 13.2 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: 0.427 ng

RT: 14.58 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

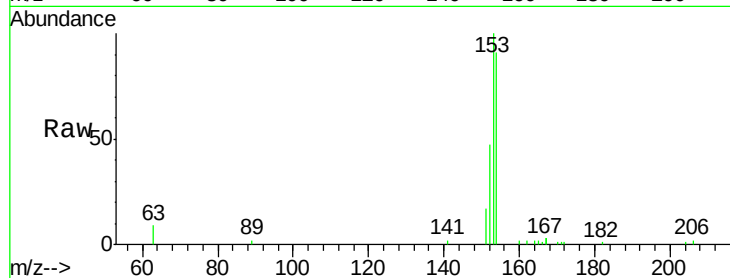
Tgt Ion:154 Resp: 5815

Ion Ratio Lower Upper

154 100

153 113.4 89.2 133.8

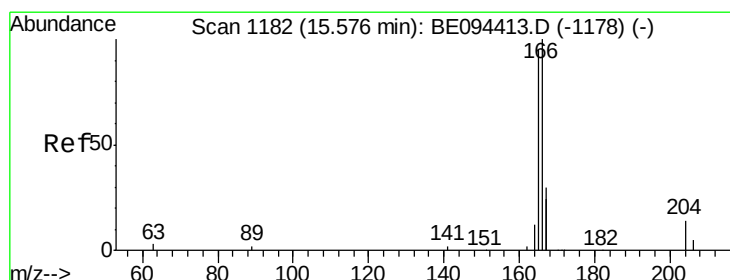
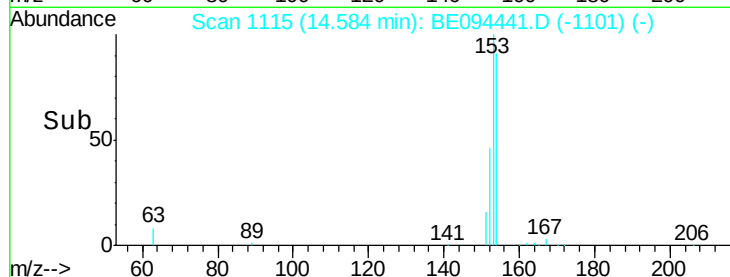
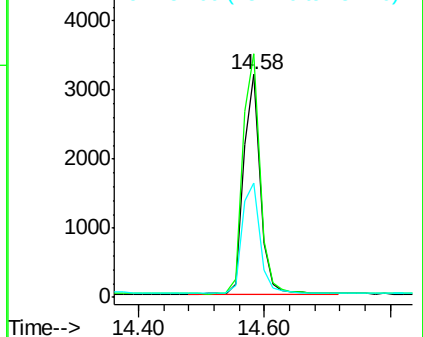
152 54.5 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.426 ng

RT: 15.56 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

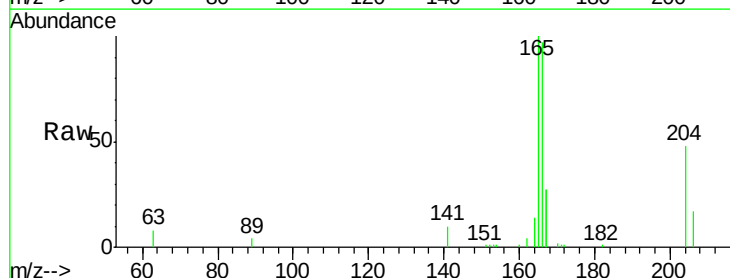
Tgt Ion:166 Resp: 7471

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.6

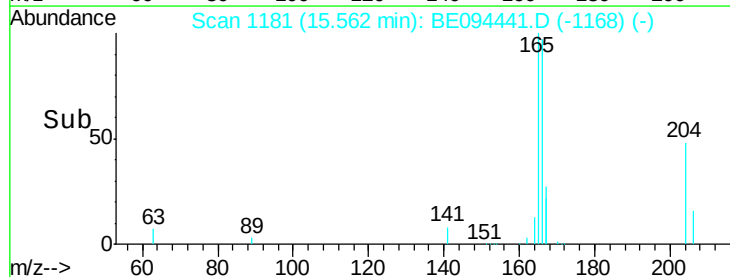
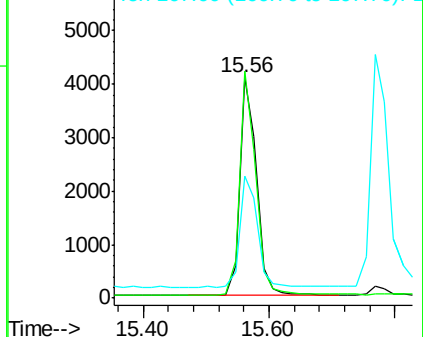
167 53.8 42.4 63.6

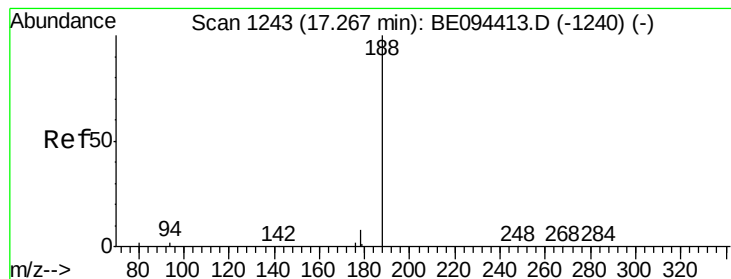


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1242

Delta R.T. -0.03 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

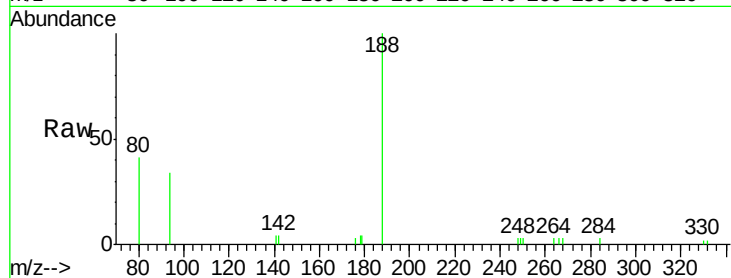
Tgt Ion:188 Resp: 6890

Ion Ratio Lower Upper

188 100

94 34.1 3.9 5.9#

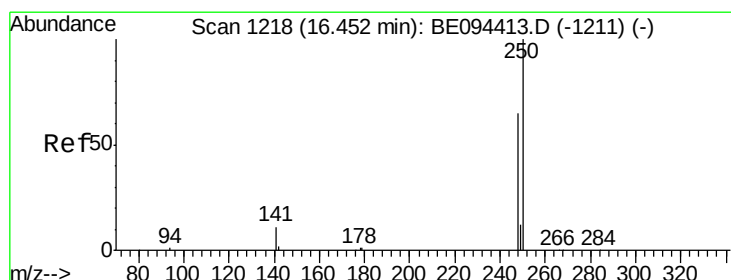
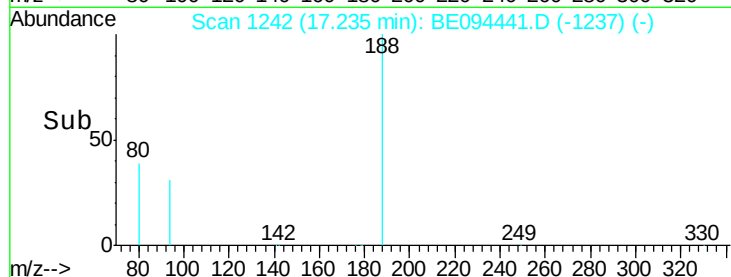
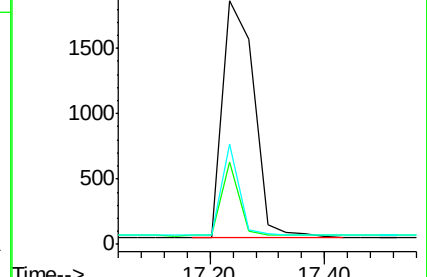
80 41.2 3.6 5.4#



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: 0.465 ng

RT: 16.42 min Scan# 1217

Delta R.T. -0.03 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

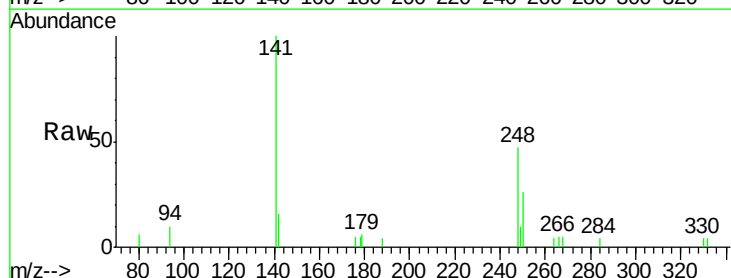
Tgt Ion:248 Resp: 1602

Ion Ratio Lower Upper

248 100

250 54.0 62.7 94.1#

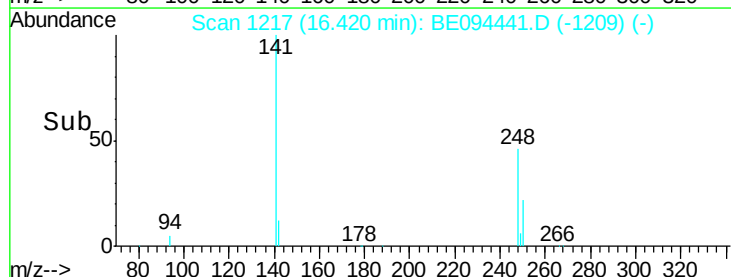
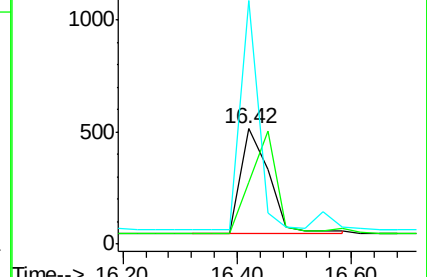
141 211.1 48.2 72.2#

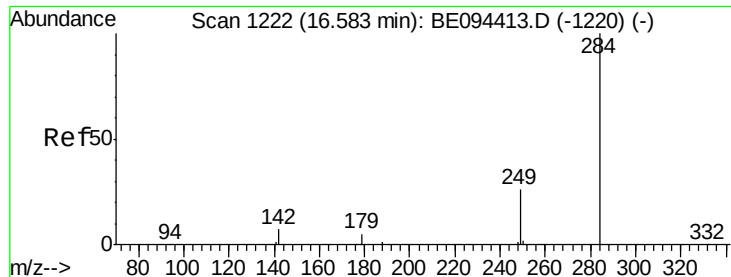


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

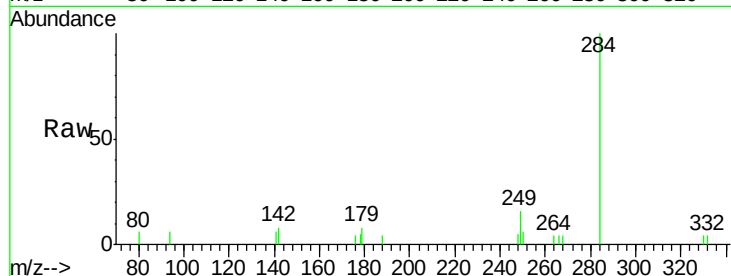




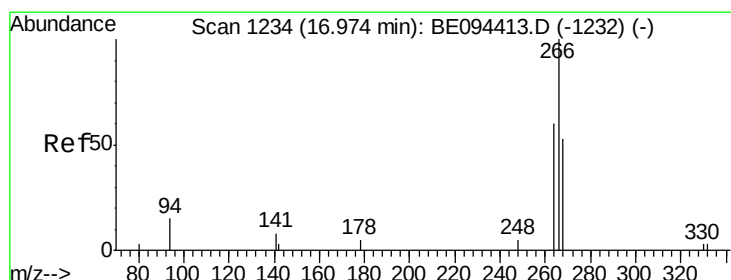
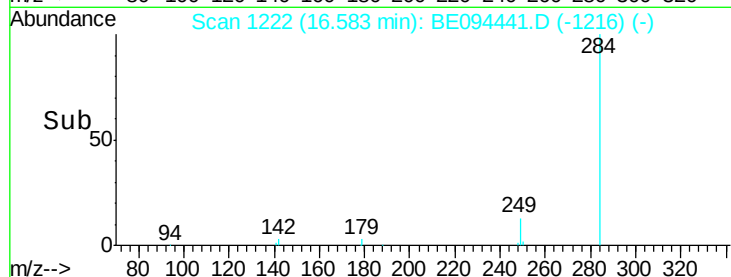
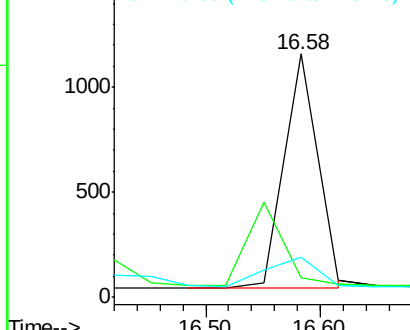
#21
Hexachlorobenzene
Concen: 0.342 ng
RT: 16.58 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE094441.D
Acq: 19 Oct 2017 11:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 284 Resp: 2290
Ion Ratio Lower Upper
284 100
142 0.0 22.1 33.1#
249 19.0 34.8 52.2#

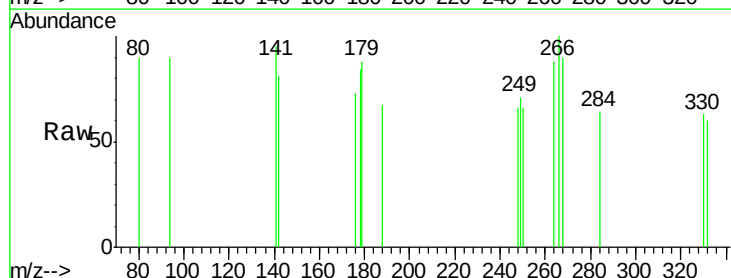


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

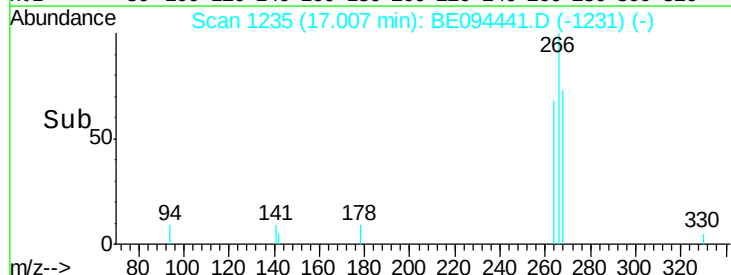
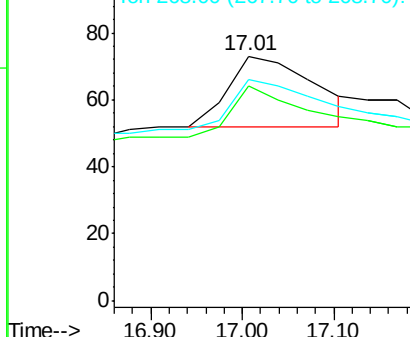


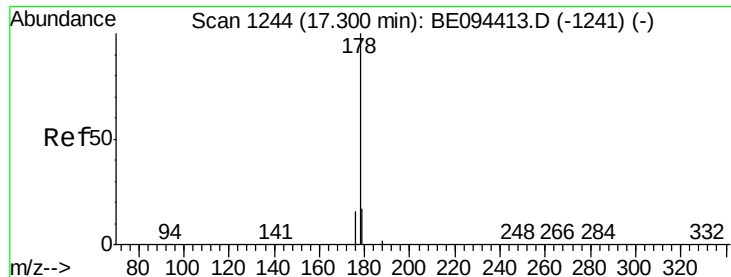
#22
Pentachlorophenol
Concen: 0.345 ng
RT: 17.01 min Scan# 1235
Delta R.T. 0.03 min
Lab File: BE094441.D
Acq: 19 Oct 2017 11:01

Tgt Ion: 266 Resp: 137
Ion Ratio Lower Upper
266 100
264 87.7 72.5 108.7
268 90.4 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: 0.335 ng

RT: 17.30 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

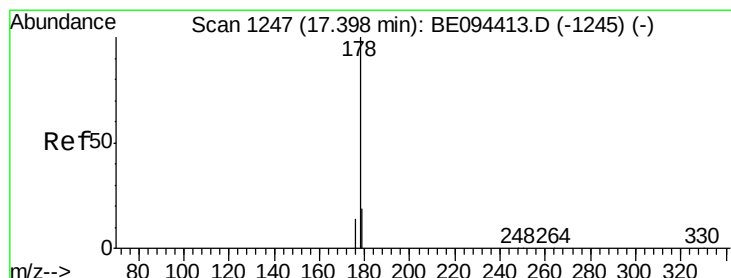
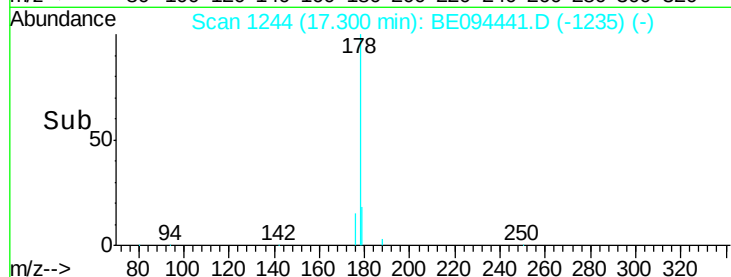
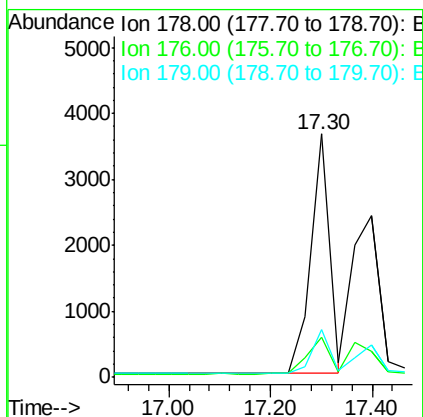
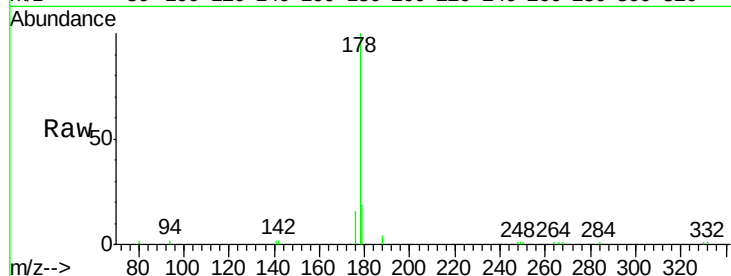
Tgt Ion:178 Resp: 9092

Ion Ratio Lower Upper

178 100

176 17.6 15.1 22.7

179 21.6 11.8 17.6#



#24

Anthracene

Concen: 0.433 ng

RT: 17.30 min Scan# 1244

Delta R.T. -0.10 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

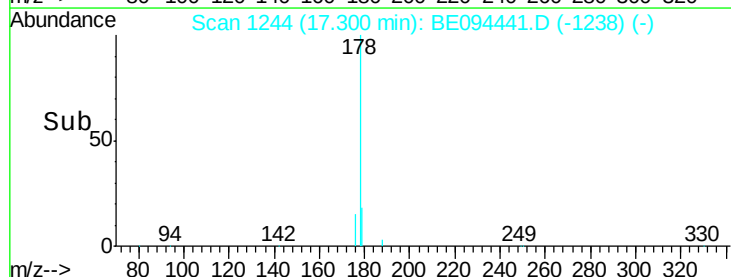
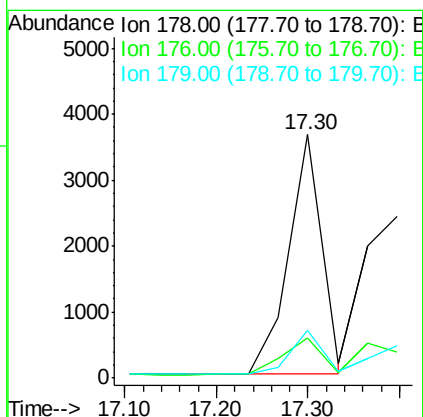
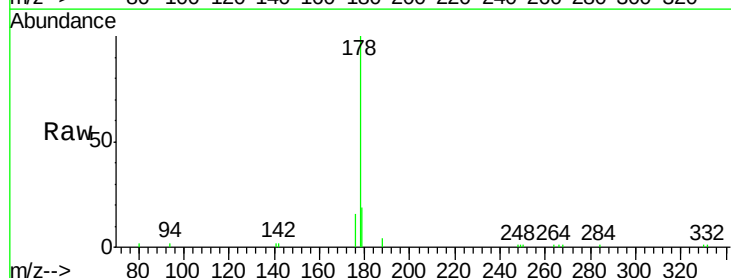
Tgt Ion:178 Resp: 9073

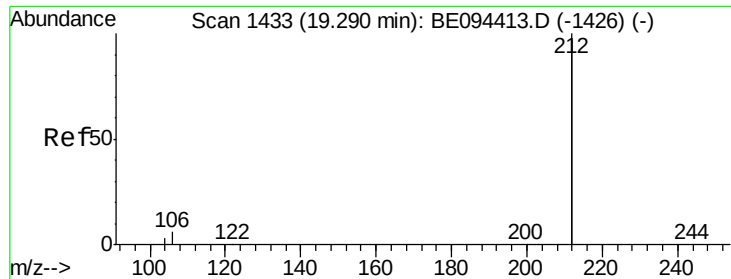
Ion Ratio Lower Upper

178 100

176 17.6 12.8 19.2

179 21.7 13.0 19.6#





#25

Fluoranthene-d10

Concen: 0.399 ng

RT: 19.28 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

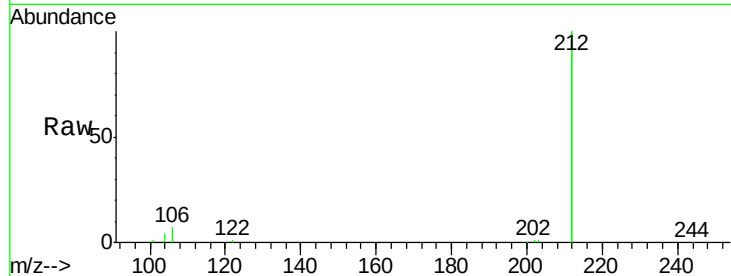
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

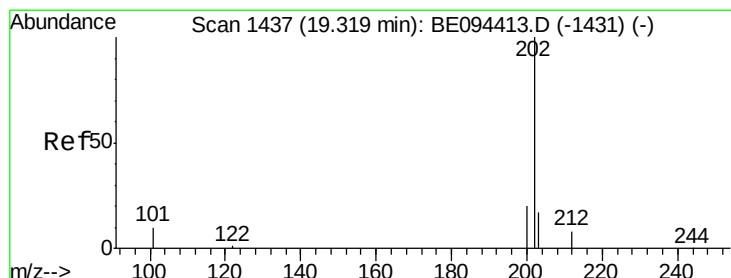
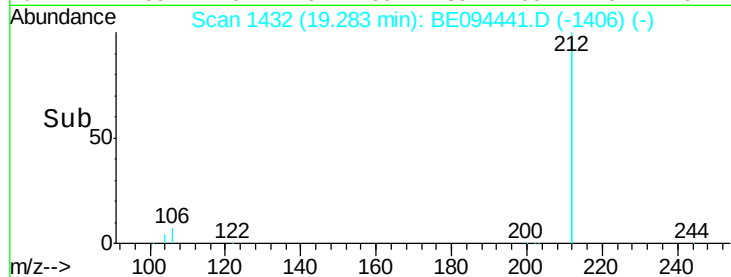
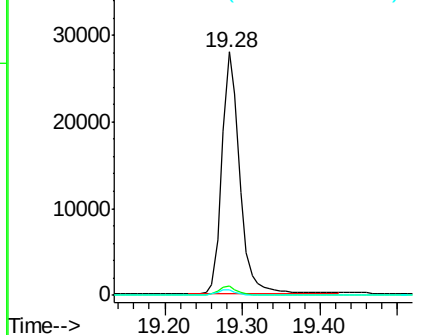
Tgt Ion:	212	Resp:	44242
Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	2.0	1.6	2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.395 ng

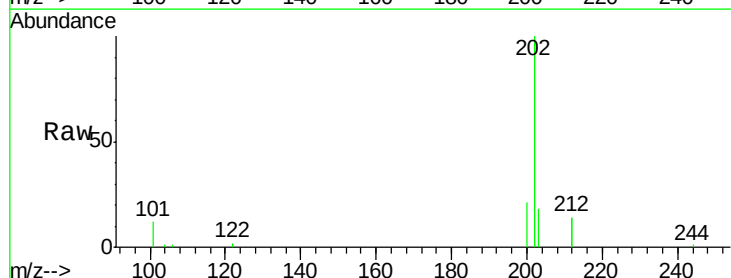
RT: 19.31 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

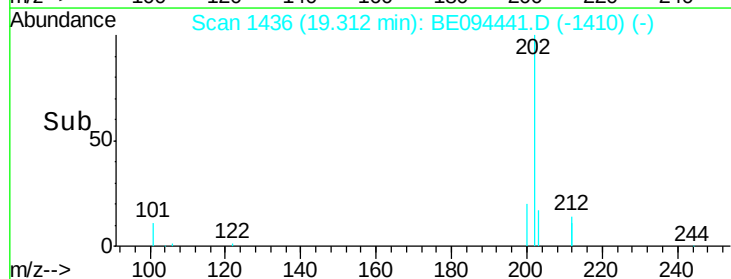
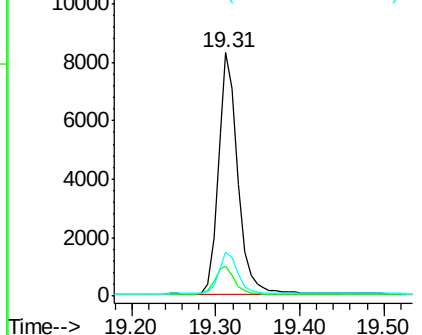
Tgt Ion:	202	Resp:	13304
Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
203	17.1	13.7	20.5

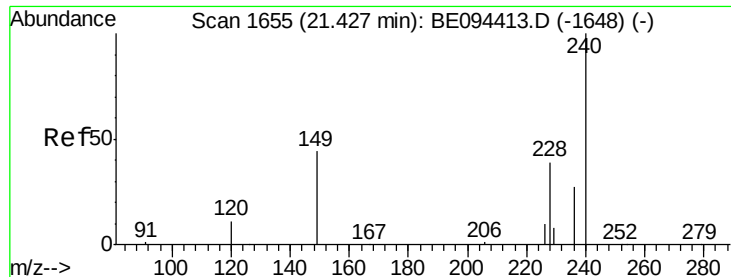


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

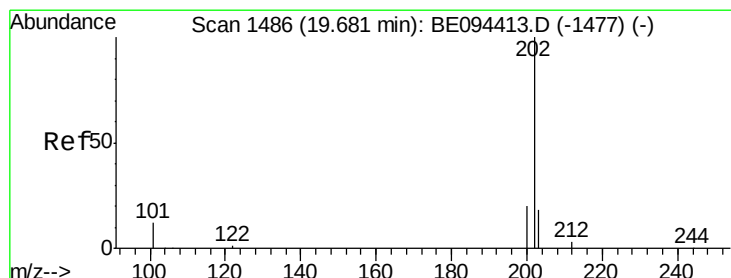
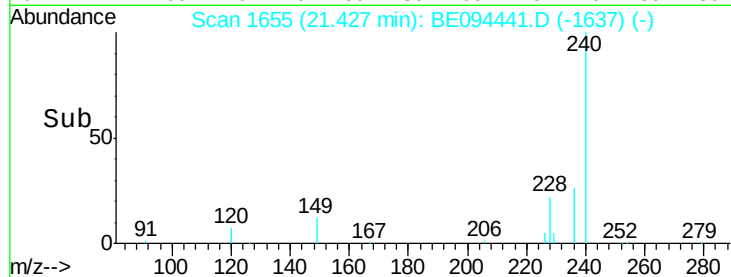
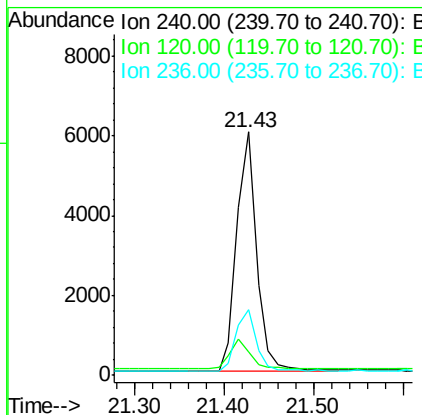
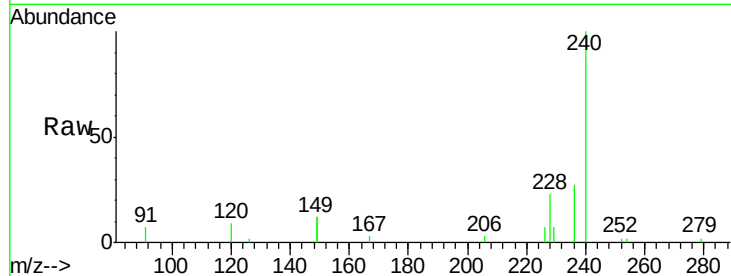




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BE094441.D
 Acq: 19 Oct 2017 11:01

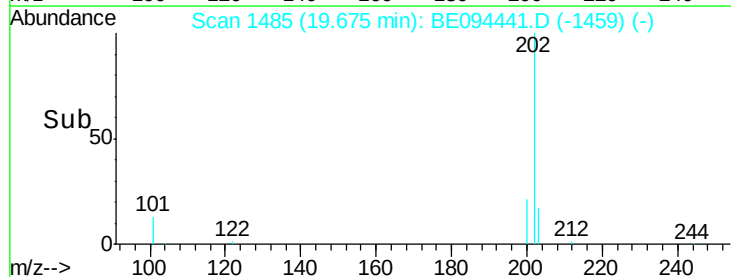
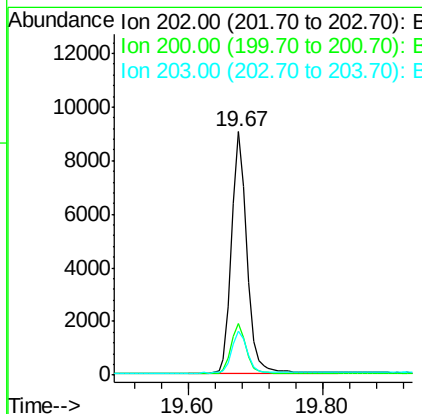
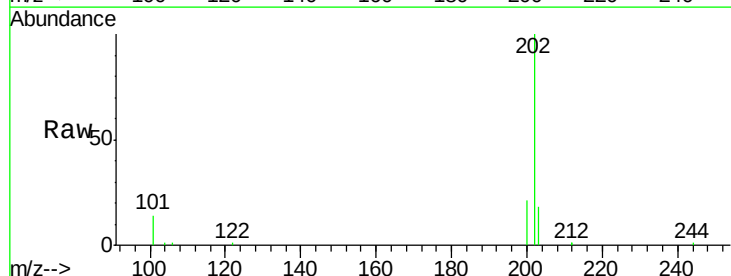
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

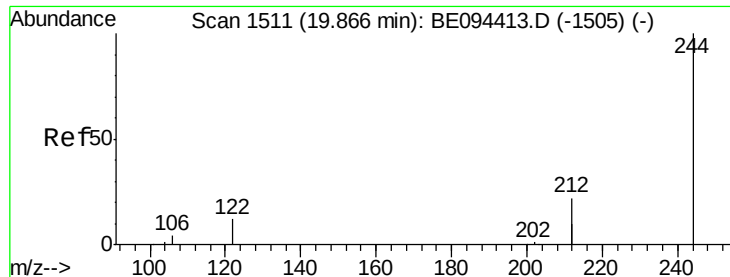
Tgt Ion:240 Resp: 9318
 Ion Ratio Lower Upper
 240 100
 120 9.5 5.5 8.3#
 236 27.1 20.7 31.1



#28
 Pyrene
 Concen: 0.399 ng
 RT: 19.67 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BE094441.D
 Acq: 19 Oct 2017 11:01

Tgt Ion:202 Resp: 14013
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.6 25.0
 203 17.6 13.8 20.8

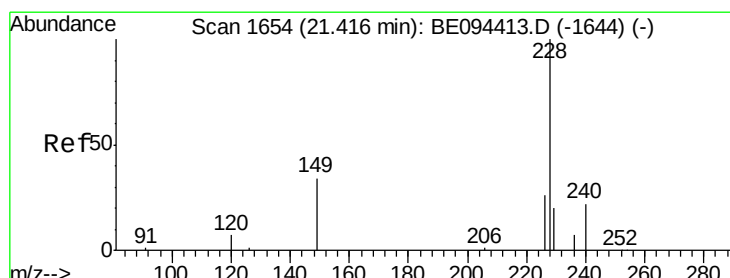
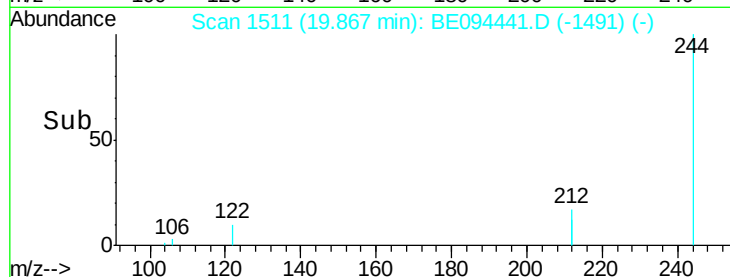
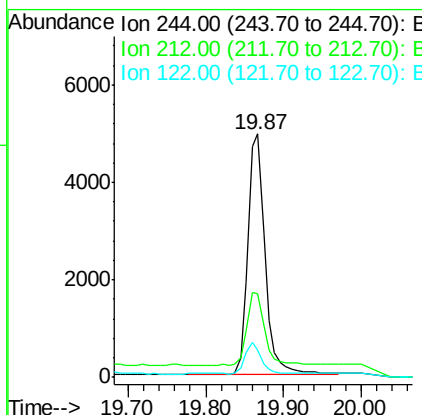
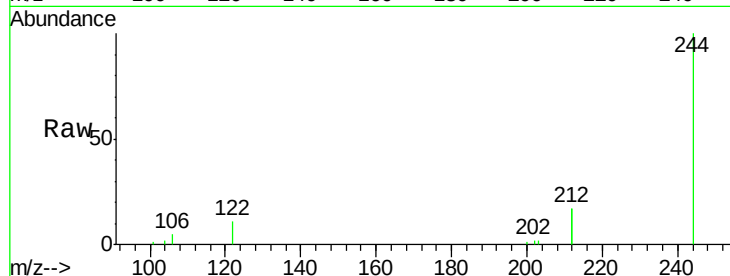




#29
 Terphenyl-d14
 Concen: 0.407 ng
 RT: 19.87 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: BE094441.D
 Acq: 19 Oct 2017 11:01

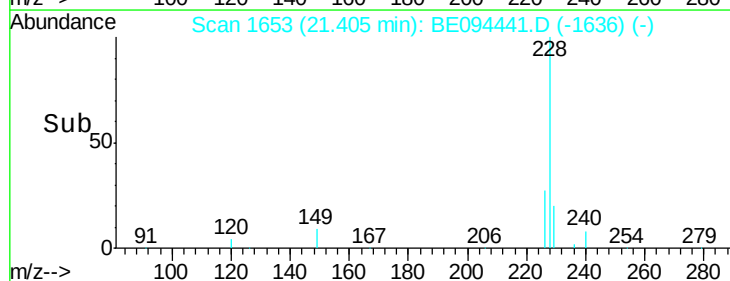
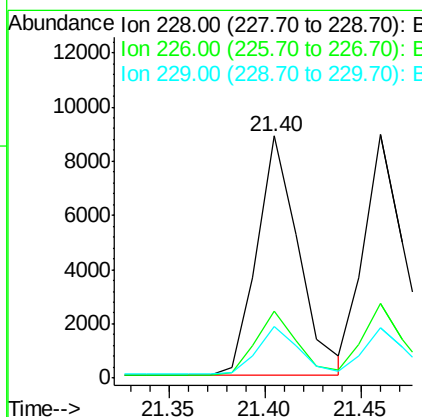
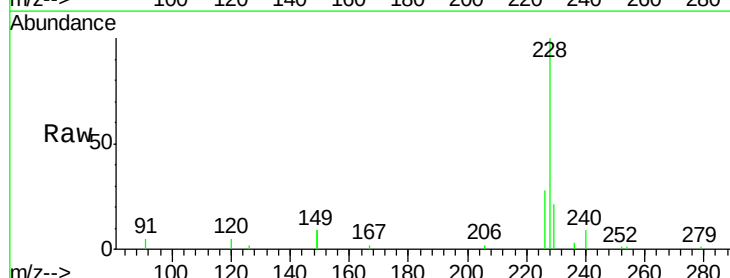
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

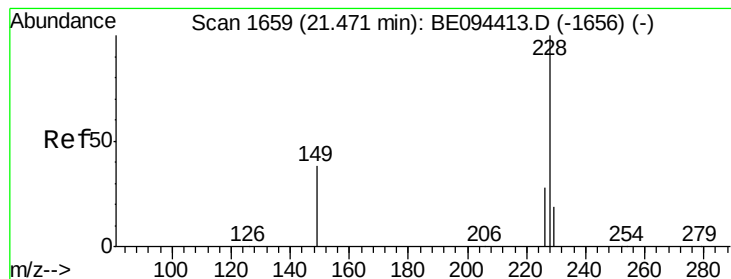
Tgt Ion: 244 Resp: 7650
 Ion Ratio Lower Upper
 244 100
 212 34.2 25.4 38.0
 122 11.3 8.1 12.1



#30
 Benzo(a)anthracene
 Concen: 0.412 ng
 RT: 21.40 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BE094441.D
 Acq: 19 Oct 2017 11:01

Tgt Ion: 228 Resp: 13292
 Ion Ratio Lower Upper
 228 100
 226 27.8 40.0 60.0#
 229 21.3 40.0 60.0#





#31

Chrysene

Concen: 0.417 ng

RT: 21.46 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

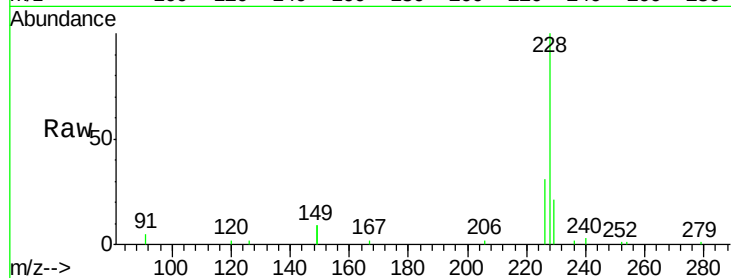
Tgt Ion: 228 Resp: 12951

Ion Ratio Lower Upper

228 100

226 30.7 40.0 60.0#

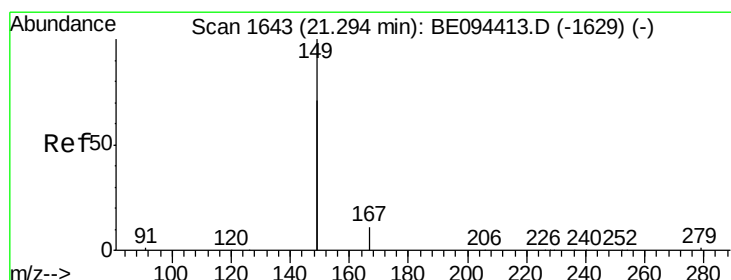
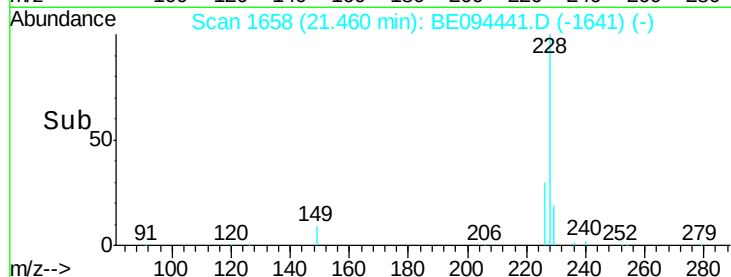
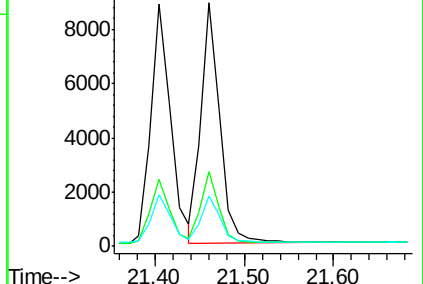
229 20.6 40.0 60.0#



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: 0.371 ng

RT: 21.29 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

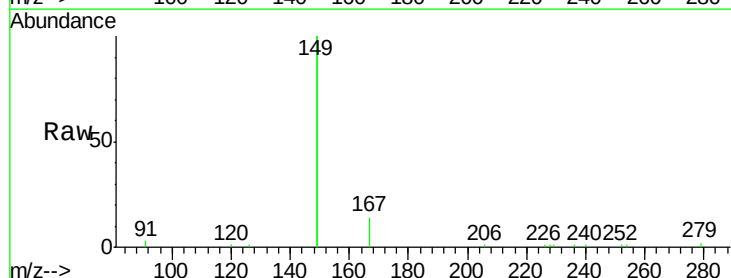
Tgt Ion: 149 Resp: 34419

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

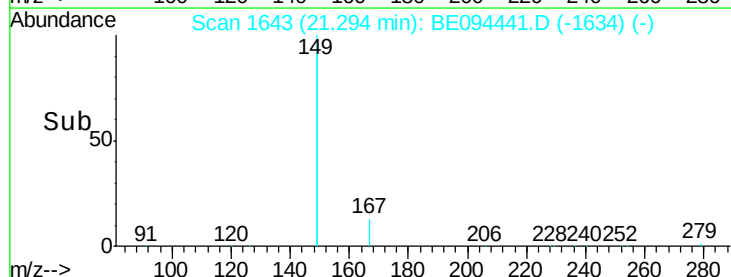
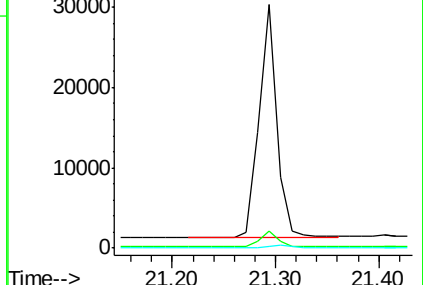
279 0.9 0.7 1.1

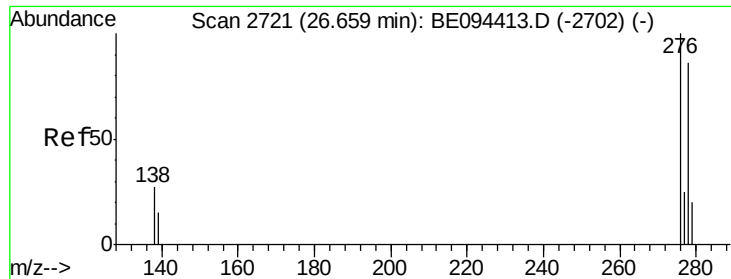


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.414 ng

RT: 26.64 min Scan# 2717

Delta R.T. -0.02 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

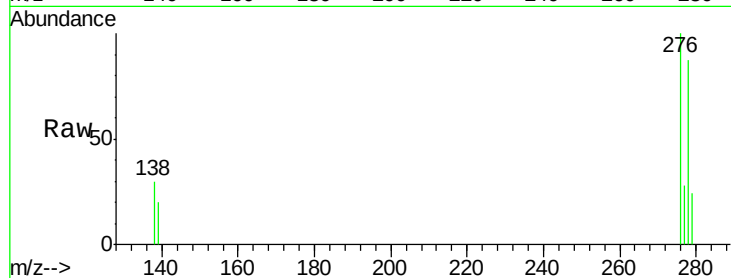
Tgt Ion:276 Resp: 12933

Ion Ratio Lower Upper

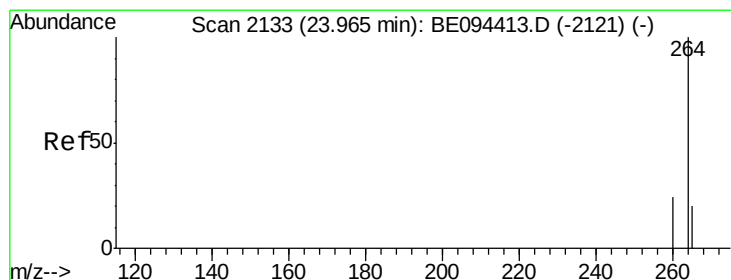
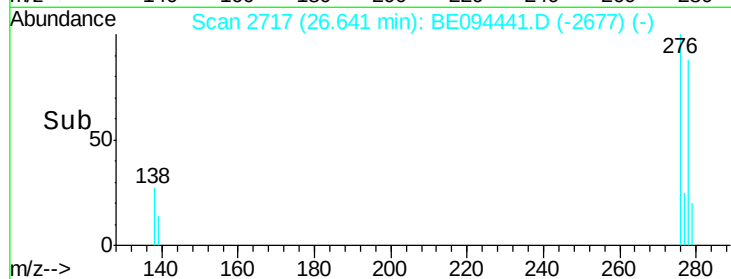
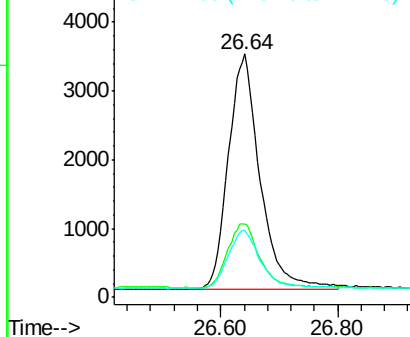
276 100

138 27.4 22.5 33.7

277 24.5 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: 23.96 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

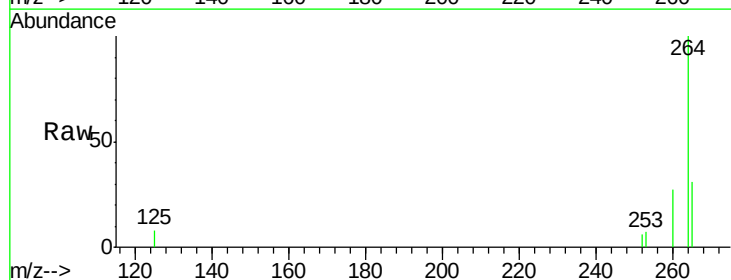
Tgt Ion:264 Resp: 8991

Ion Ratio Lower Upper

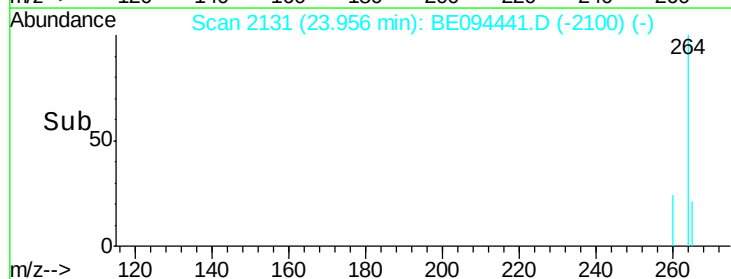
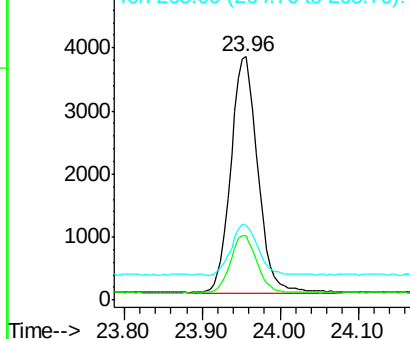
264 100

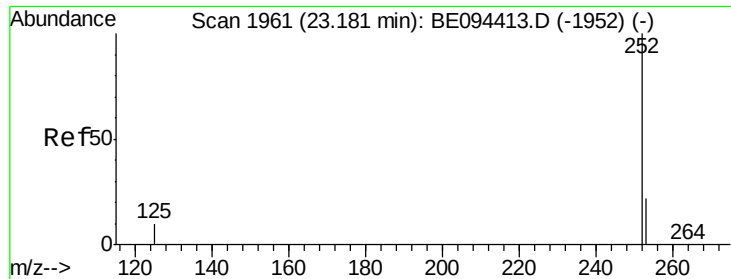
260 26.6 20.5 30.7

265 30.7 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: 0.416 ng

RT: 23.17 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

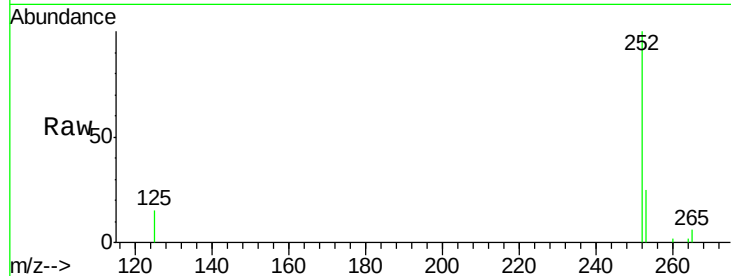
Tgt Ion:252 Resp: 12675

Ion Ratio Lower Upper

252 100

253 25.1 48.0 72.0#

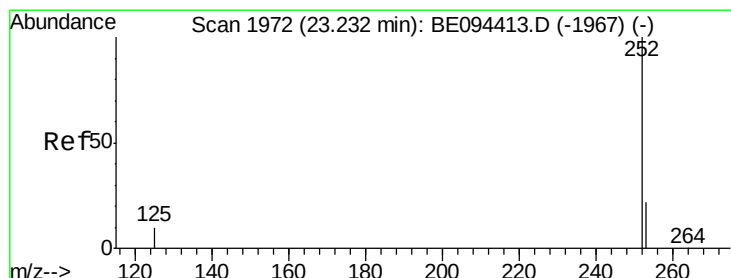
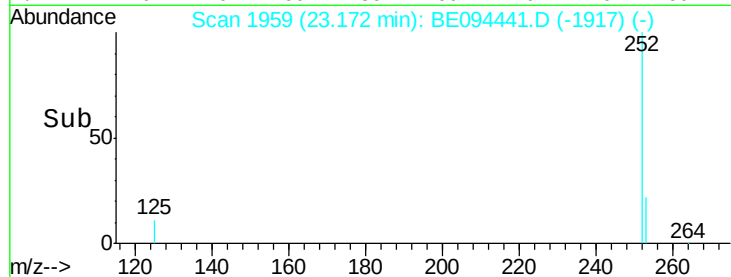
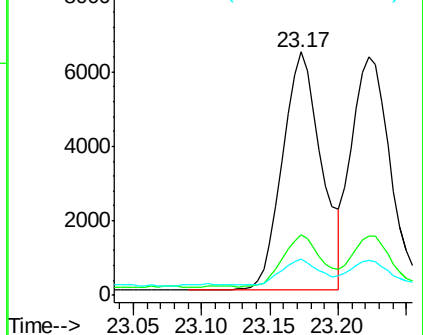
125 15.1 56.0 84.0#



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: 0.417 ng

RT: 23.22 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

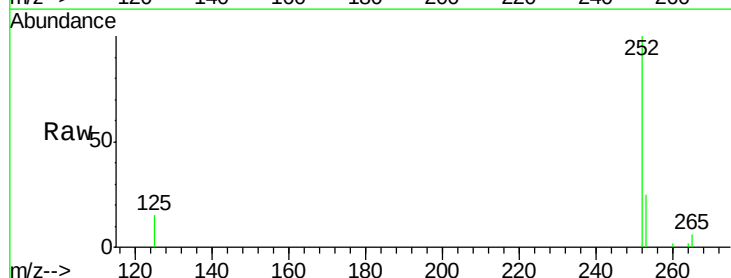
Tgt Ion:252 Resp: 12515

Ion Ratio Lower Upper

252 100

253 25.0 48.0 72.0#

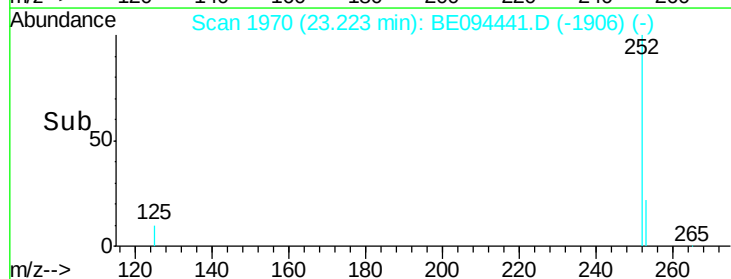
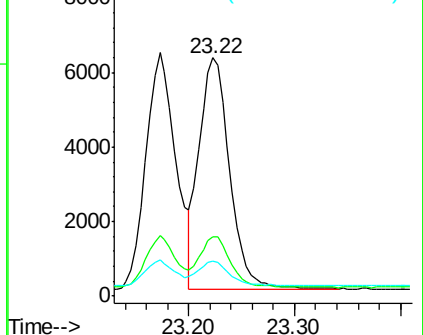
125 14.5 56.0 84.0#

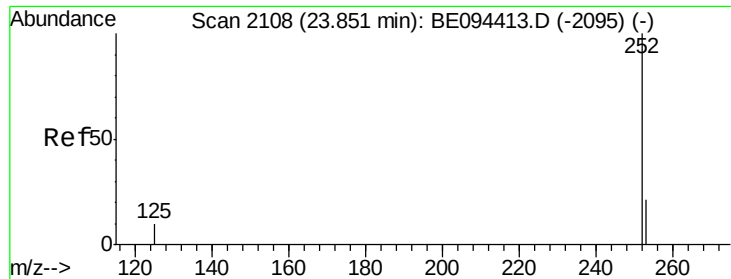


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.414 ng

RT: 23.84 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

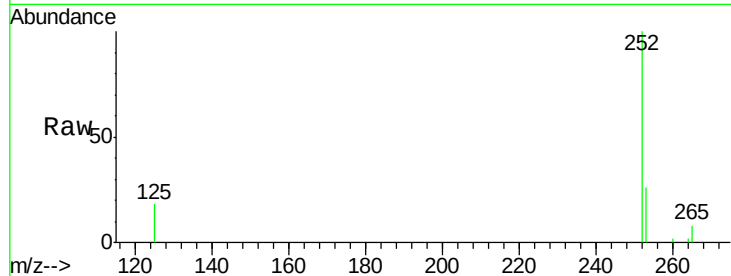
Tgt Ion:252 Resp: 11868

Ion Ratio Lower Upper

252 100

253 25.7 52.0 78.0#

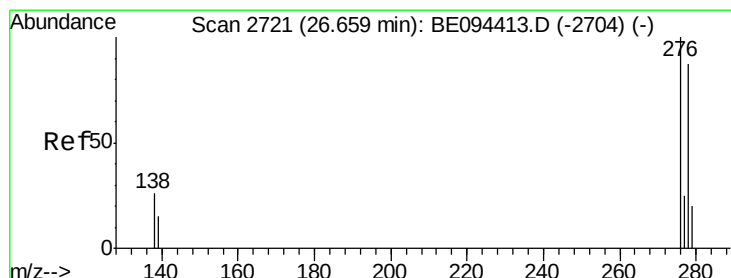
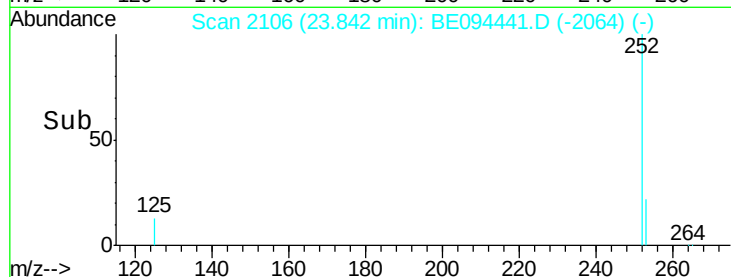
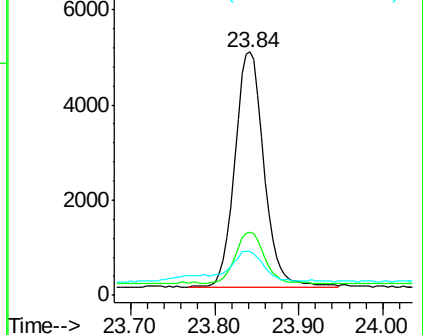
125 17.8 68.0 102.0#



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: 0.414 ng

RT: 26.64 min Scan# 2717

Delta R.T. -0.02 min

Lab File: BE094441.D

Acq: 19 Oct 2017 11:01

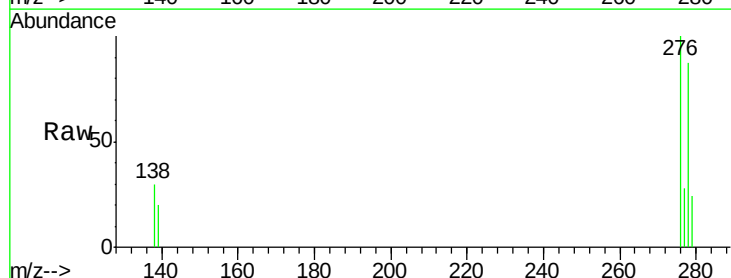
Tgt Ion:278 Resp: 11229

Ion Ratio Lower Upper

278 100

139 22.8 56.0 84.0#

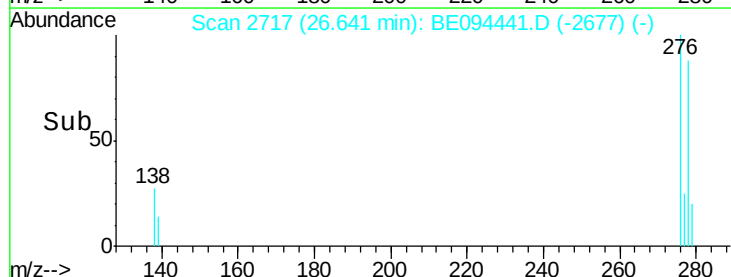
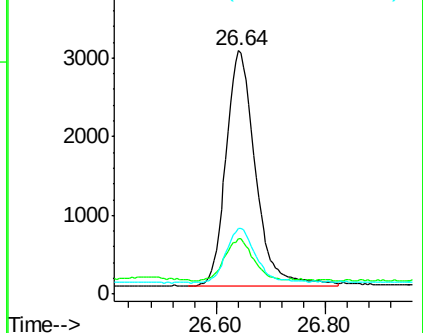
279 27.1 52.0 78.0#

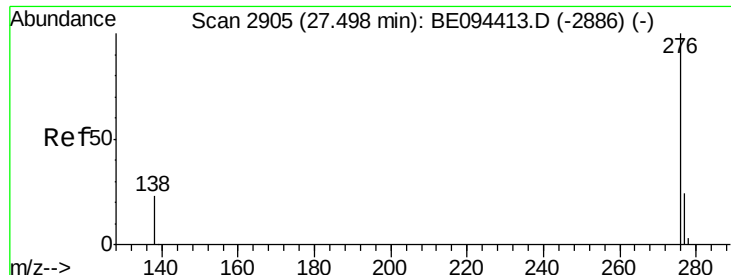


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.411 ng

RT: 27.47 min Scan# 2900

Delta R.T. -0.02 min

Lab File: BE094441.D

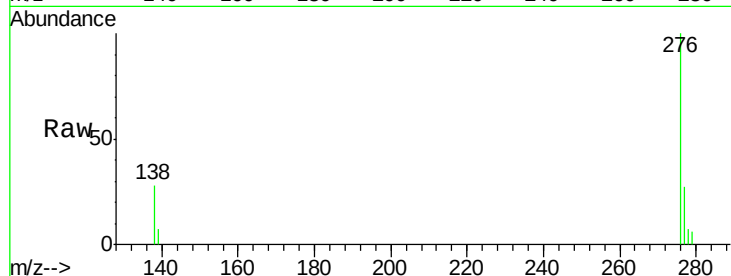
Acq: 19 Oct 2017 11:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 10724

Ion Ratio Lower Upper

276 100

277 27.0 52.0 78.0#

138 27.5 44.0 66.0#

