

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
 Data File : BE094915.D
 Acq On : 5 Dec 2017 15:27
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Dec 06 04:02:24 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 13:33:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	6959	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	15439	0.40	ng	0.00
13) Acenaphthene-d10	15.08	164	8489	0.40	ng	0.00
19) Phenanthrene-d10	17.79	188	21502	0.40	ng	0.02
27) Chrysene-d12	21.89	240	22840	0.40	ng	0.00
34) Perylene-d12	24.57	264	16100	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	2417	0.22	ng	0.00
5) Phenol-d6	7.60	99	4472	0.27	ng	0.00
8) Nitrobenzene-d5	9.66	82	2101	0.23	ng	0.00
11) 2-Methylnaphthalene-d10	12.87	152	9698	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	333	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	14690	0.40	ng	0.00
25) Fluoranthene-d10	19.77	212	104968	0.36	ng	0.00
29) Terphenyl-d14	20.33	244	16960	0.40	ng	0.00

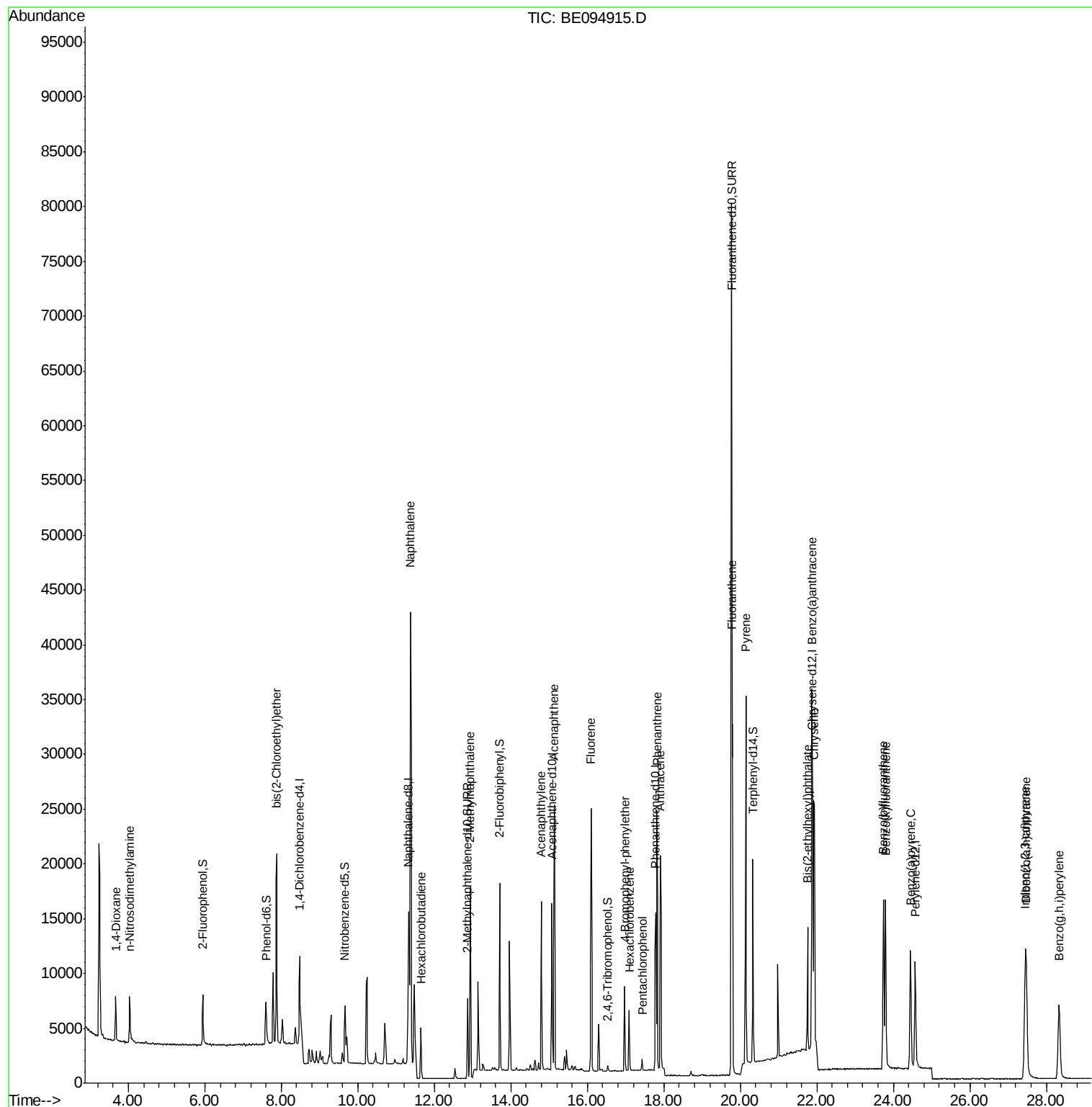
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.67	88	2845	0.391	ng	# 89
3) n-Nitrosodimethylamine	4.03	42	3591	0.387	ng	# 74
6) bis(2-Chloroethyl)ether	7.88	93	6381	0.394	ng	99
9) Naphthalene	11.38	128	72990	0.403	ng	99
10) Hexachlorobutadiene	11.64	225	3130	0.410	ng	97
12) 2-Methylnaphthalene	12.94	142	17722	0.394	ng	98
16) Acenaphthylene	14.79	152	18030	0.376	ng	100
17) Acenaphthene	15.13	154	12038	0.388	ng	95
18) Fluorene	16.10	166	15166	0.384	ng	# 78
20) 4-Bromophenyl-phenylether	16.98	248	4571	0.381	ng	# 69
21) Hexachlorobenzene	17.10	284	4858	0.415	ng	# 80
22) Pentachlorophenol	17.43	266	579	0.283	ng	# 69
23) Phenanthrene	17.82	178	27177	0.397	ng	99
24) Anthracene	17.91	178	26615	0.366	ng	# 93
26) Fluoranthene	19.79	202	32494	0.369	ng	99
28) Pyrene	20.14	202	32379	0.411	ng	97
30) Benzo(a)anthracene	21.87	228	25914	0.370	ng	# 62
31) Chrysene	21.93	228	30002	0.388	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.76	149	13160	0.113	ng	100
33) Indeno(1,2,3-cd)pyrene	27.44	276	20533	0.324	ng	99
35) Benzo(b)fluoranthene	23.74	252	23210	0.395	ng	# 40
36) Benzo(k)fluoranthene	23.79	252	23348	0.390	ng	# 40
37) Benzo(a)pyrene	24.45	252	19538	0.379	ng	# 34
38) Dibenzo(a,h)anthracene	27.47	278	16908	0.355	ng	# 45
39) Benzo(g,h,i)perylene	28.33	276	18301	0.385	ng	# 55

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

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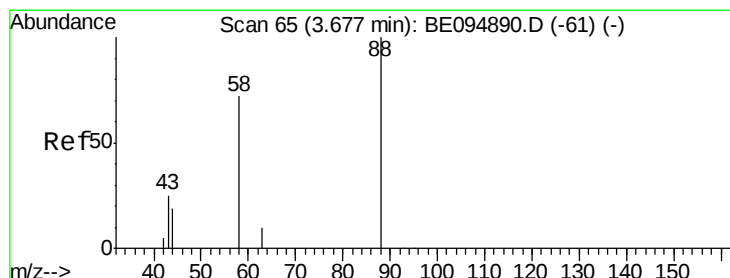
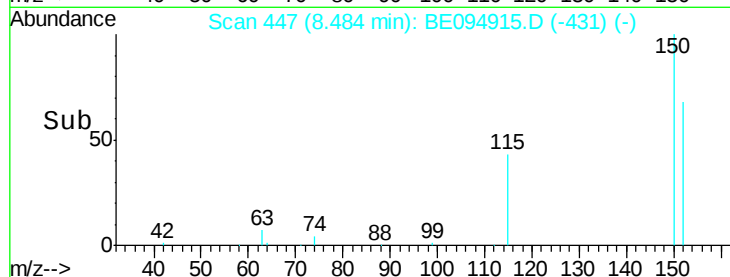
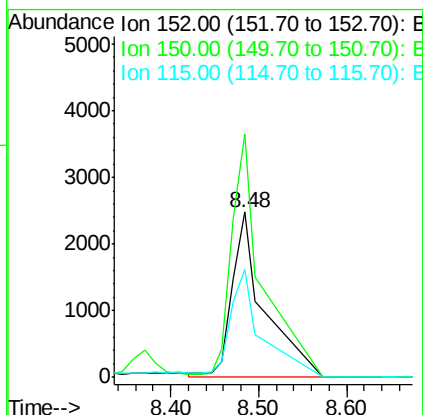
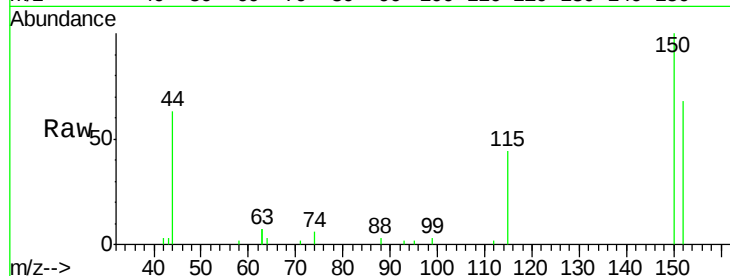


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

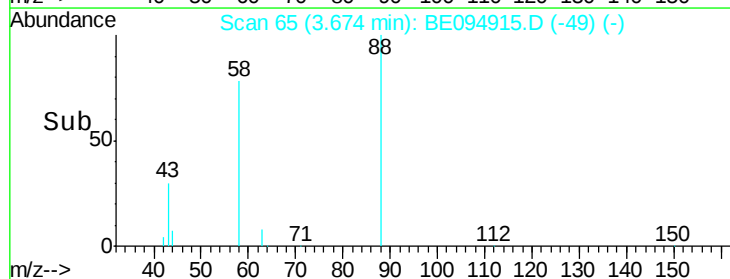
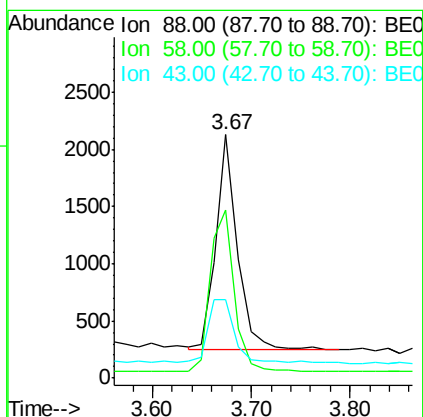
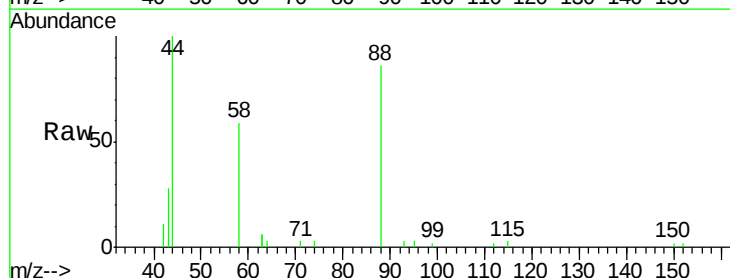
Tot Ion:152 Resp: 6959
Ion Ratio Lower Upper
152 100
150 147.2 117.2 175.8
115 65.5 57.0 85.6

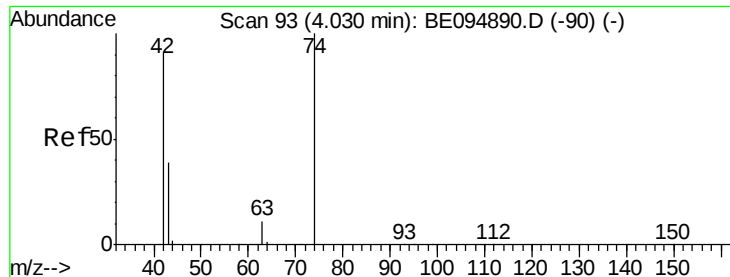


#2

1,4-Dioxane
Concen: 0.391 ng
RT: 3.67 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion: 88 Resp: 2845
Ion Ratio Lower Upper
88 100
58 85.7 63.2 94.8
43 41.0 41.2 61.8#



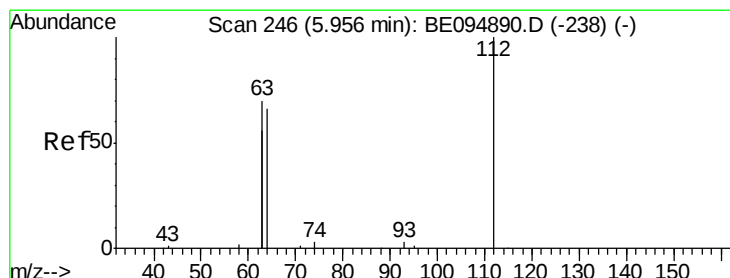
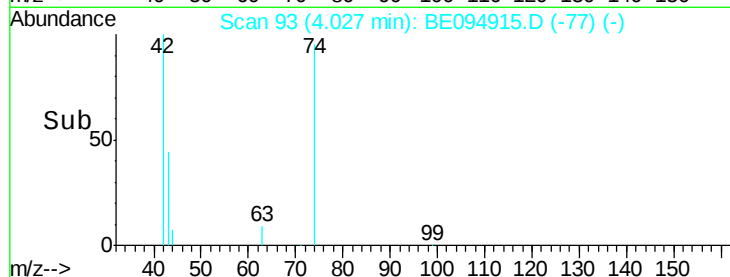
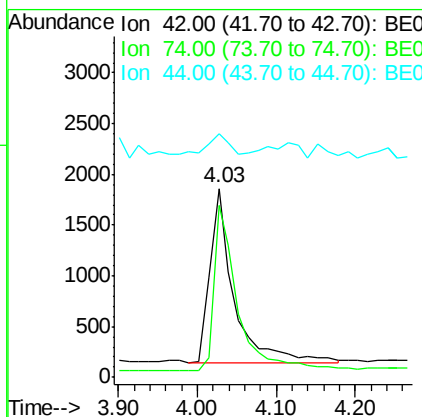
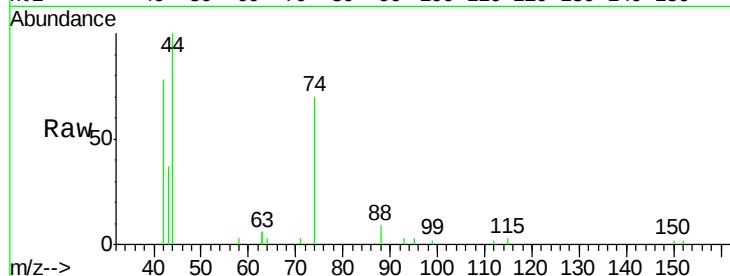


#3

n-Nitrosodimethylamine
 Concen: 0.387 ng
 RT: 4.03 min Scan# 93
 Delta R.T. -0.00 min
 Lab File: BE094915.D
 Acq: 5 Dec 2017 15:27

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

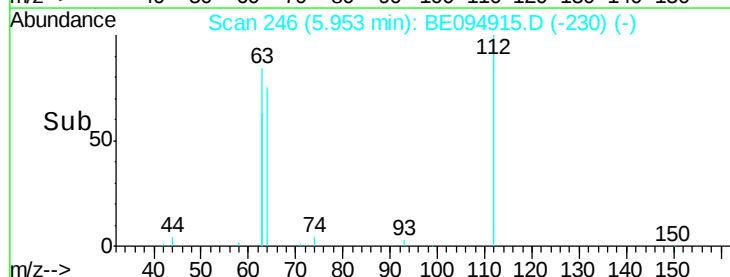
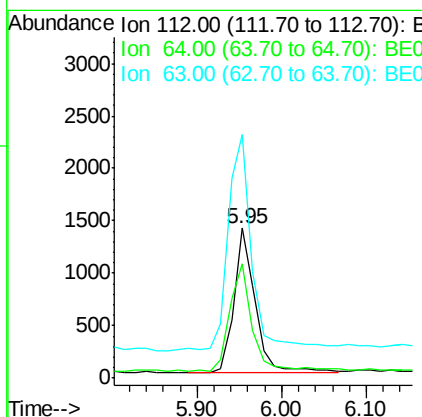
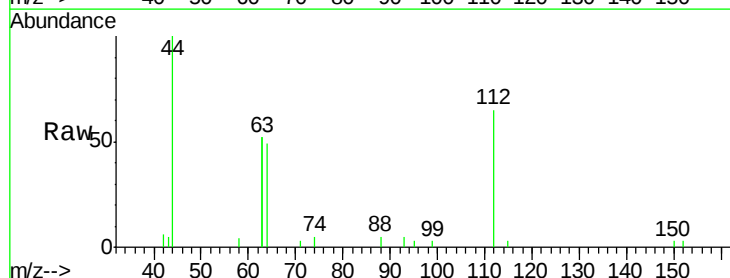
Tot Ion: 42 Resp: 3591
 Ion Ratio Lower Upper
 42 100
 74 95.3 100.3 150.5#
 44 10.9 17.0 25.4#

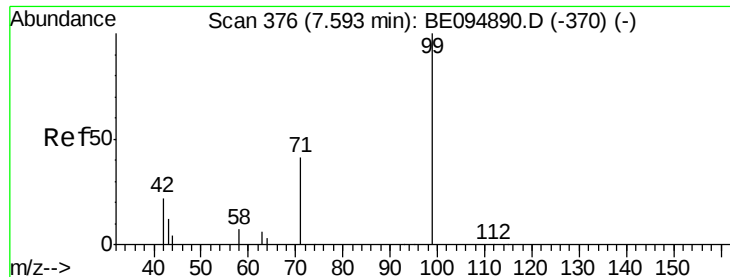


#4

2-Fluorophenol
 Concen: 0.219 ng
 RT: 5.95 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: BE094915.D
 Acq: 5 Dec 2017 15:27

Tgt Ion: 112 Resp: 2417
 Ion Ratio Lower Upper
 112 100
 64 79.8 60.1 90.1
 63 165.9 116.8 175.2





#5

Phenol-d6

Concen: 0.274 ng

RT: 7.60 min Scan# 377

Delta R.T. 0.01 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

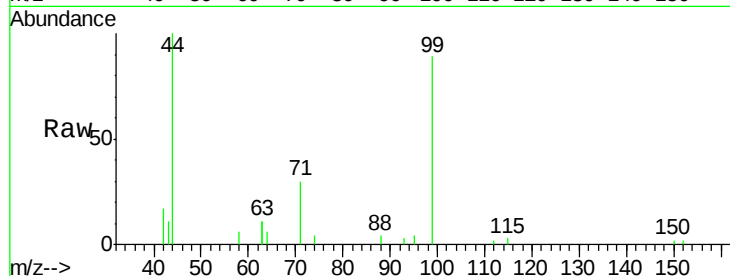
Tot Ion: 99 Resp: 4472

Ion Ratio Lower Upper

99 100

42 25.7 20.2 30.2

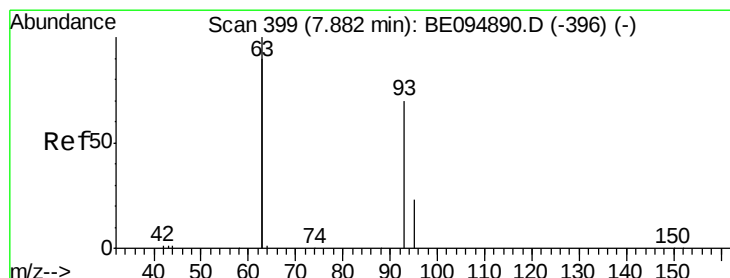
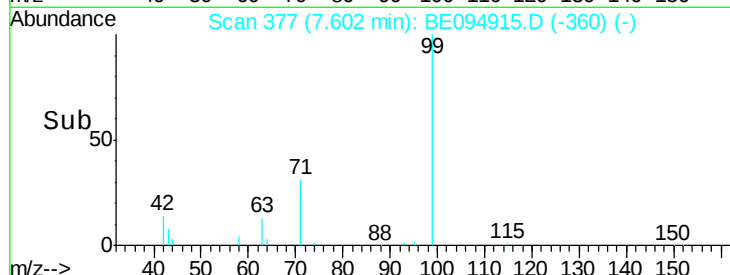
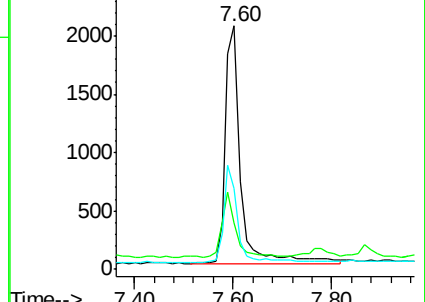
71 37.7 28.4 42.6



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: 0.394 ng

RT: 7.88 min Scan# 399

Delta R.T. -0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

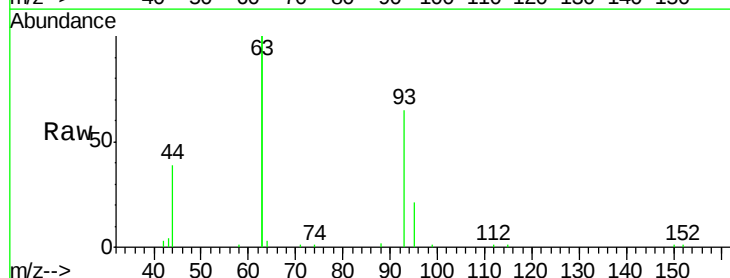
Tgt Ion: 93 Resp: 6381

Ion Ratio Lower Upper

93 100

63 345.3 275.3 412.9

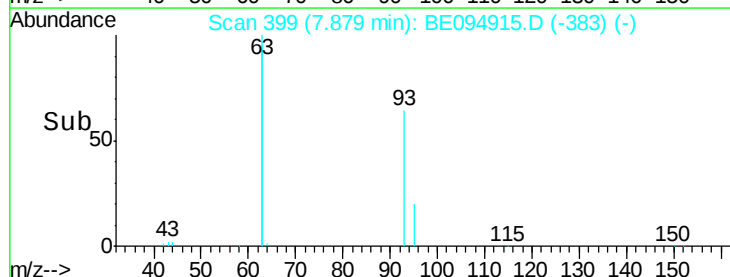
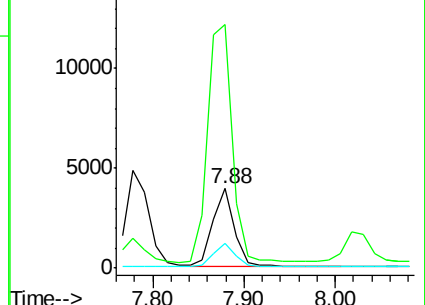
95 31.0 25.2 37.8

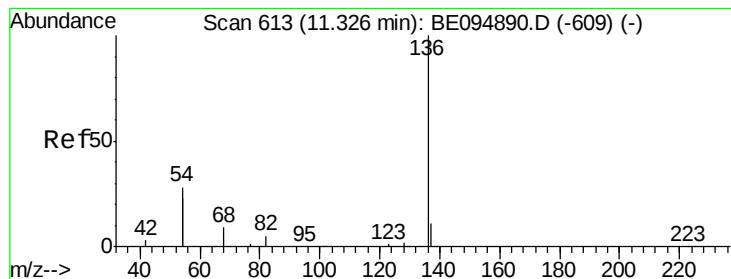


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 15439

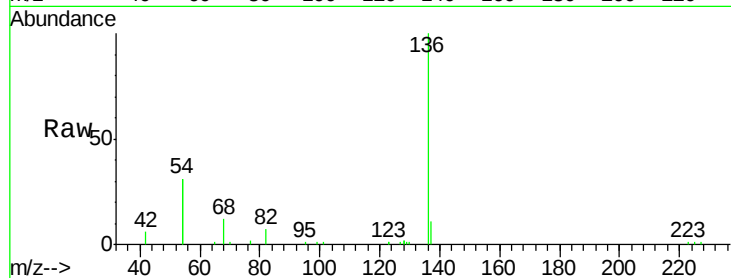
Ion Ratio Lower Upper

136 100

137 11.1 9.5 14.3

54 61.7 29.1 43.7#

68 11.7 6.2 9.2#

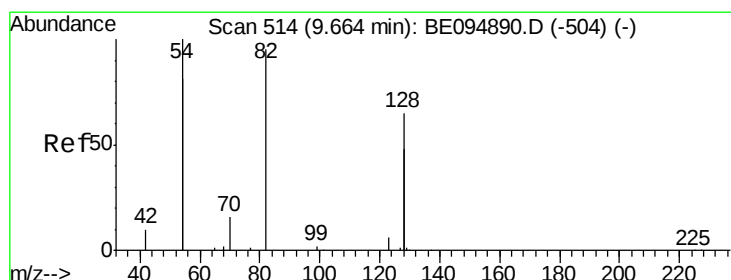
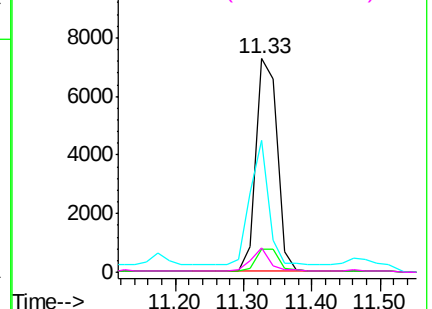
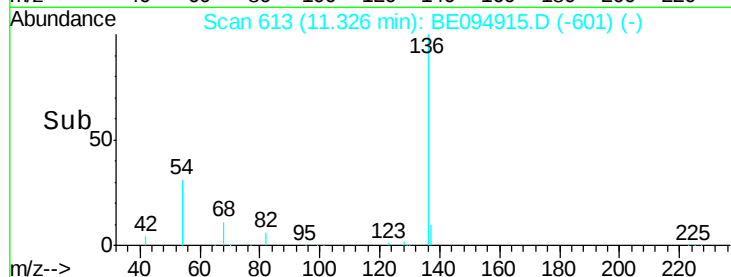


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.230 ng

RT: 9.66 min Scan# 514

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

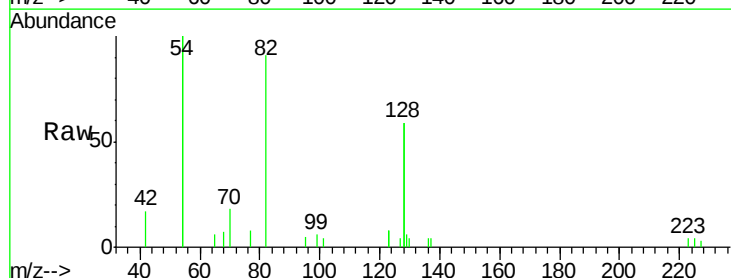
Tgt Ion: 82 Resp: 2101

Ion Ratio Lower Upper

82 100

128 130.6 150.0 225.0#

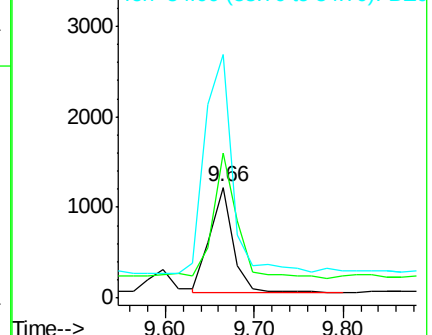
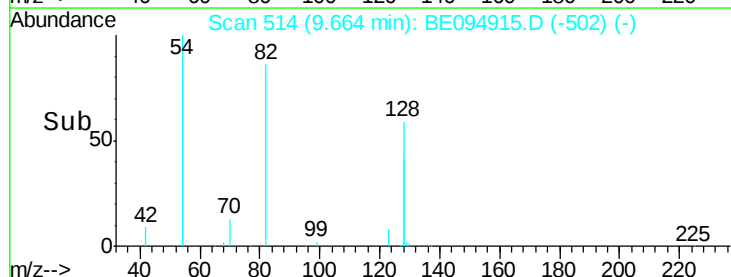
54 219.4 154.2 231.4

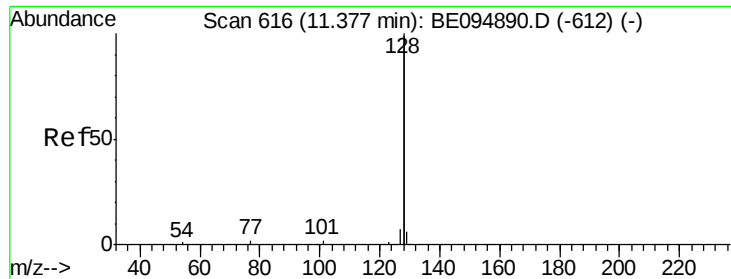


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.403 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

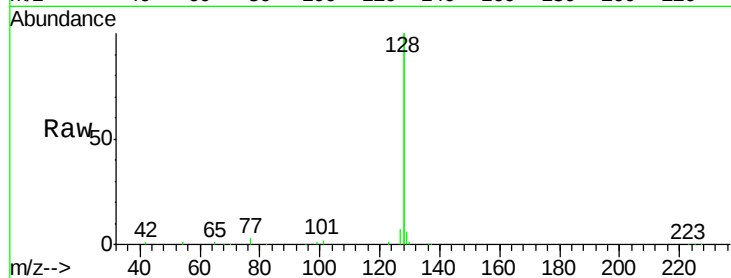
Tot Ion:128 Resp: 72990

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

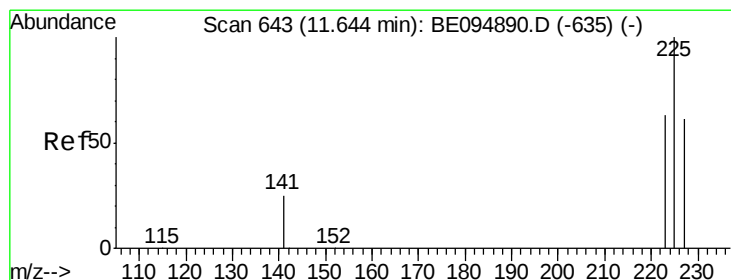
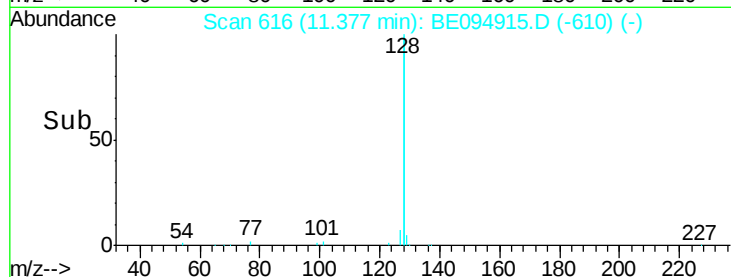
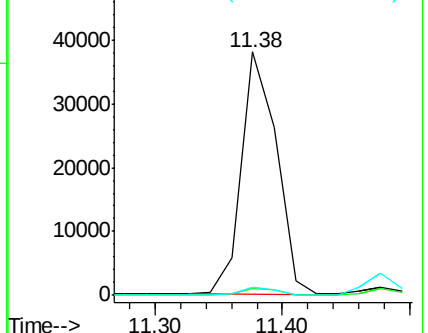
127 3.6 2.8 4.2



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: 0.410 ng

RT: 11.64 min Scan# 643

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

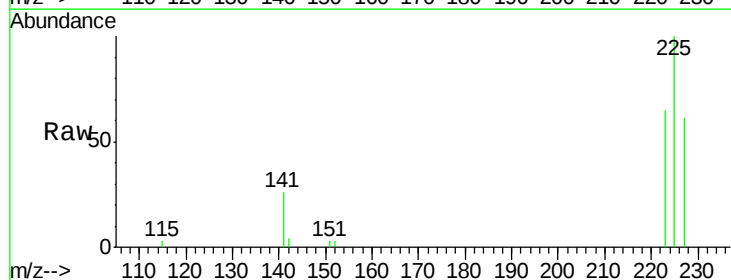
Tgt Ion:225 Resp: 3130

Ion Ratio Lower Upper

225 100

223 63.5 53.0 79.6

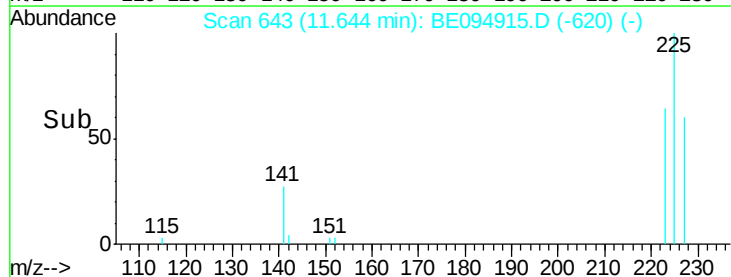
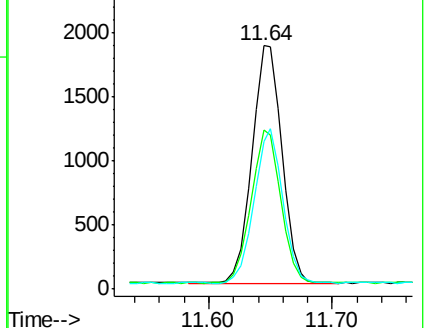
227 62.1 51.4 77.2

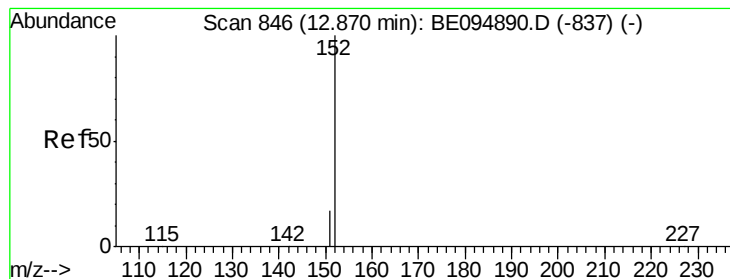


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.394 ng

RT: 12.87 min Scan# 846

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA_E

ClientSampleId :

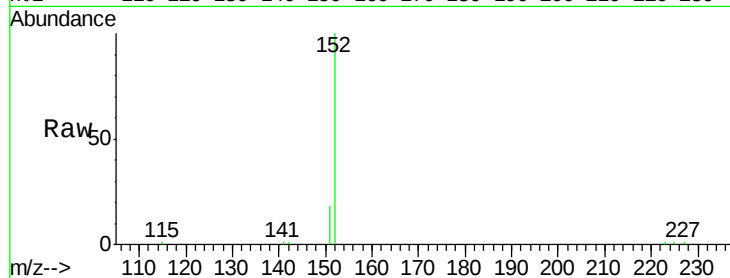
SSTDCCC0.4

Tot Ion:152 Resp: 9698

Ion Ratio Lower Upper

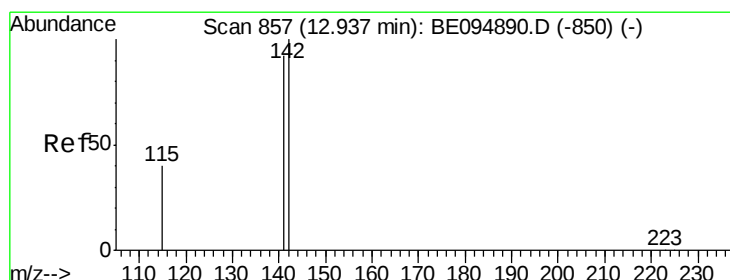
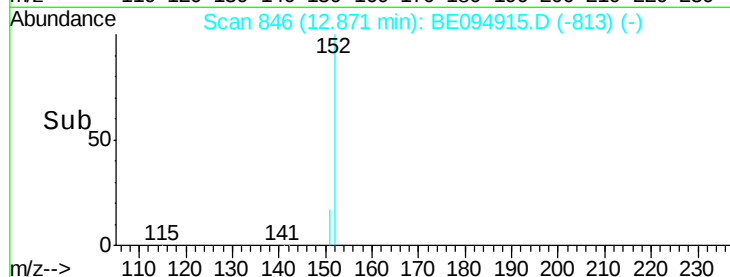
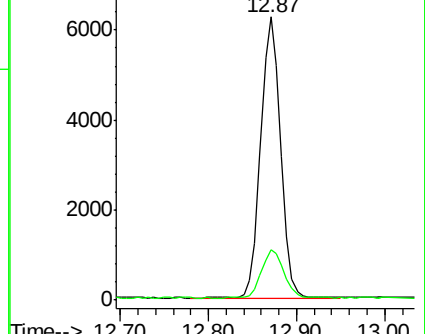
152 100

151 19.2 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: 0.394 ng

RT: 12.94 min Scan# 858

Delta R.T. 0.01 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

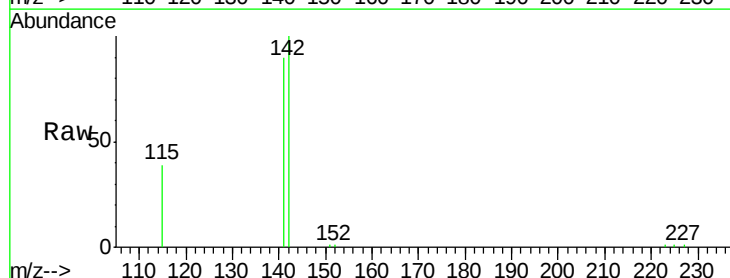
Tgt Ion:142 Resp: 17722

Ion Ratio Lower Upper

142 100

141 90.1 70.4 105.6

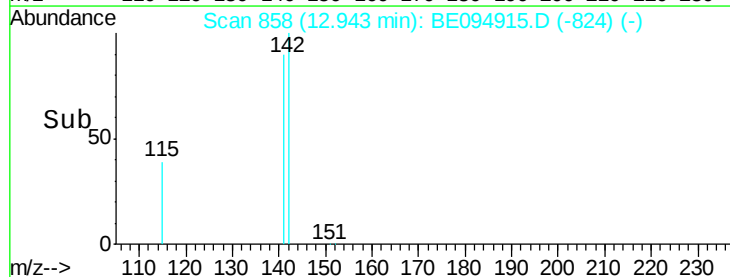
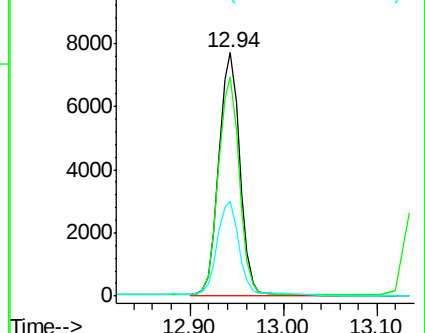
115 39.2 31.7 47.5

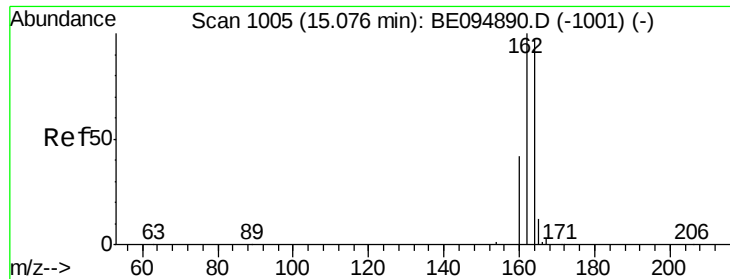


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

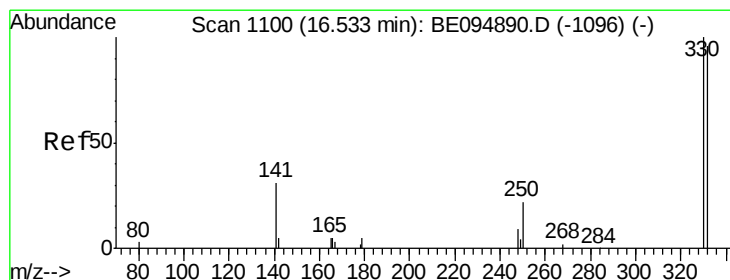
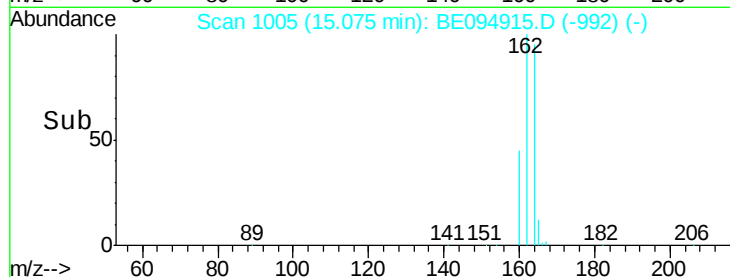
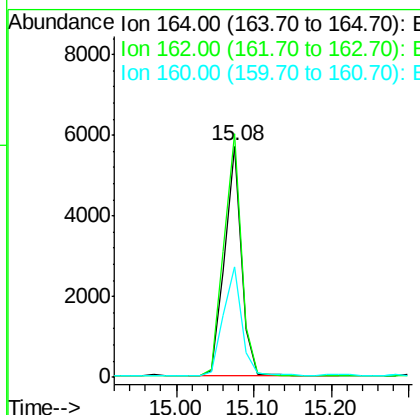
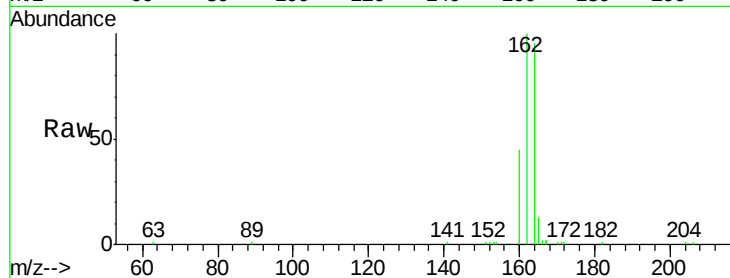




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.08 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

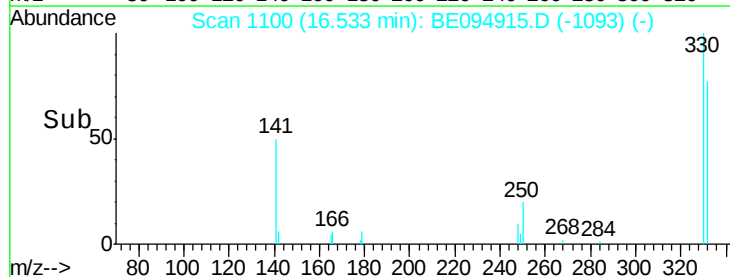
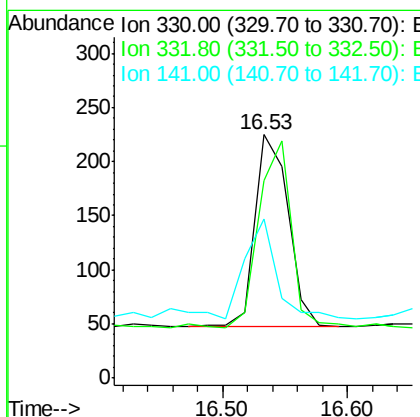
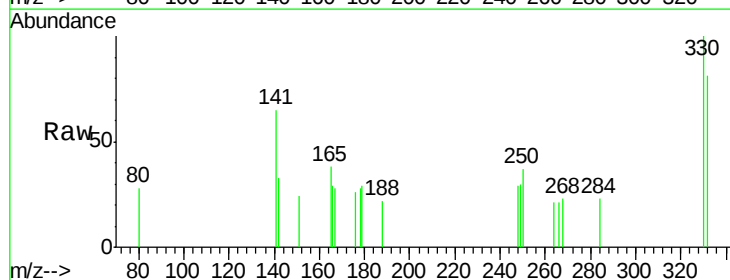
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

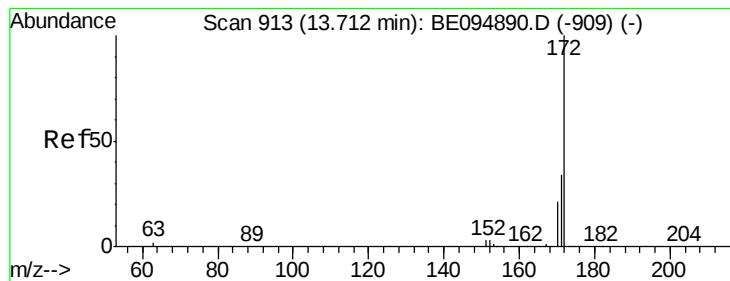
Tot Ion:164 Resp: 8489
Ion Ratio Lower Upper
164 100
162 105.2 83.1 124.7
160 47.7 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.254 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion:330 Resp: 333
Ion Ratio Lower Upper
330 100
332 97.3 152.7 229.1#
141 48.0 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.404 ng

RT: 13.71 min Scan# 913

Delta R.T. -0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

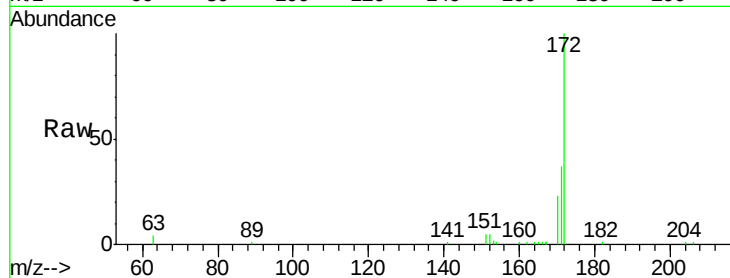
Tot Ion:172 Resp: 14690

Ion Ratio Lower Upper

172 100

171 36.6 29.9 44.9

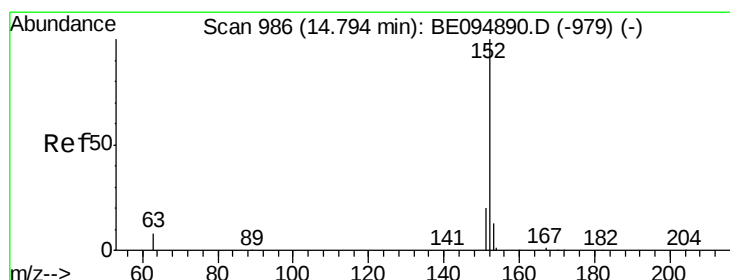
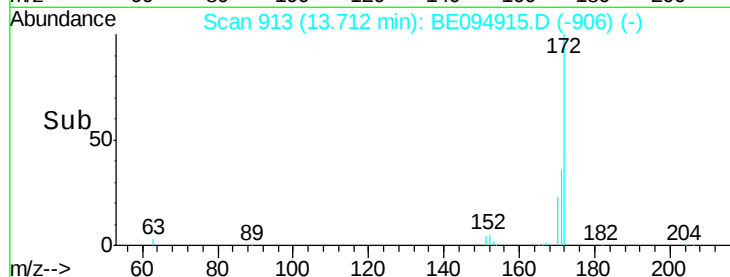
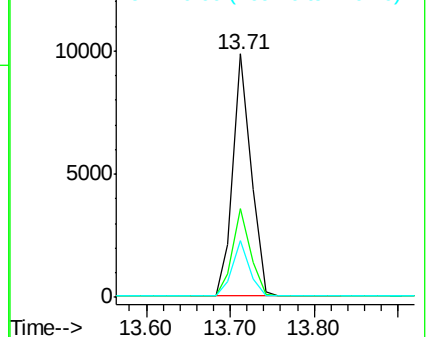
170 23.3 21.8 32.8



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: 0.376 ng

RT: 14.79 min Scan# 986

Delta R.T. -0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

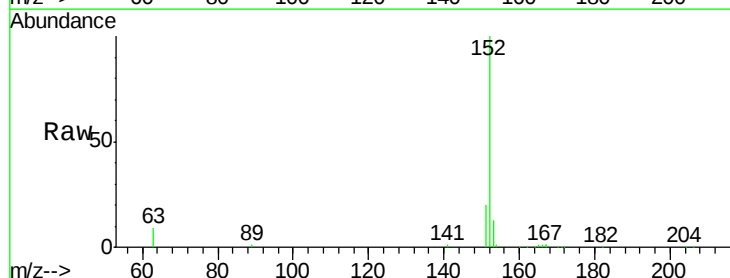
Tgt Ion:152 Resp: 18030

Ion Ratio Lower Upper

152 100

151 19.5 15.7 23.5

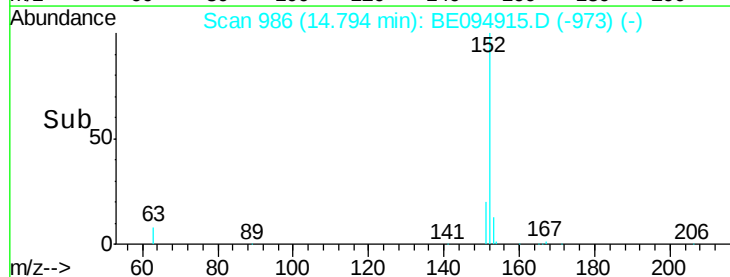
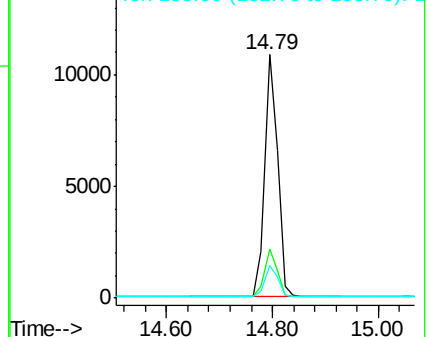
153 13.1 10.5 15.7

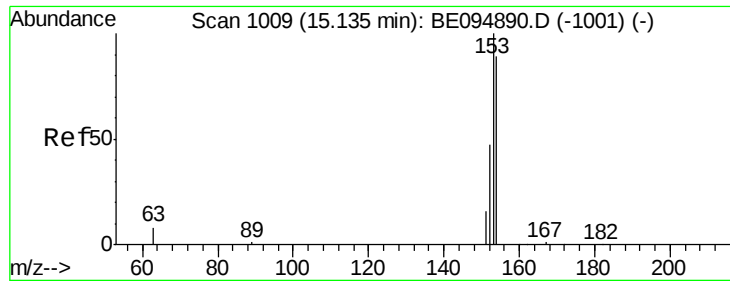


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

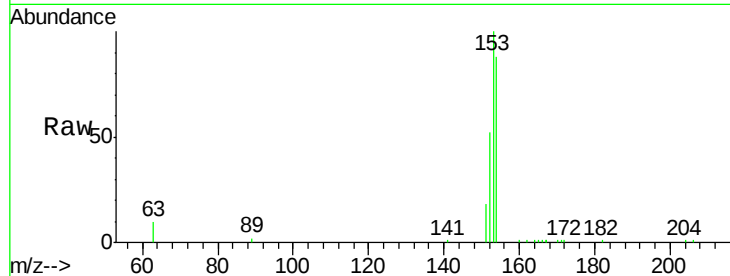




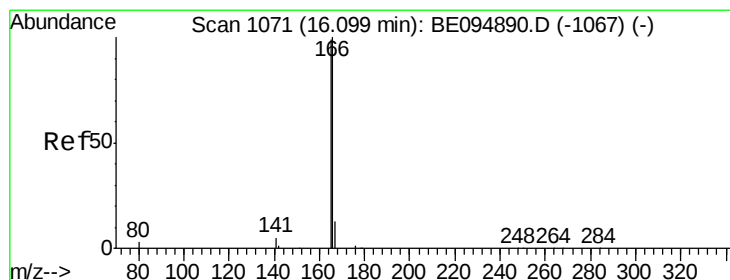
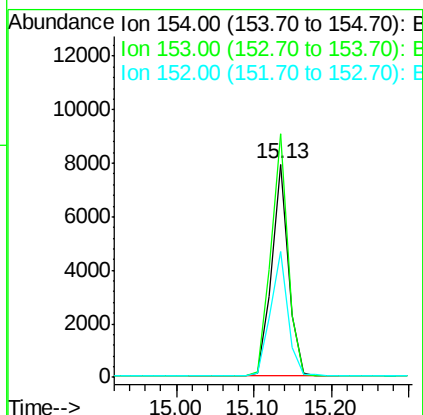
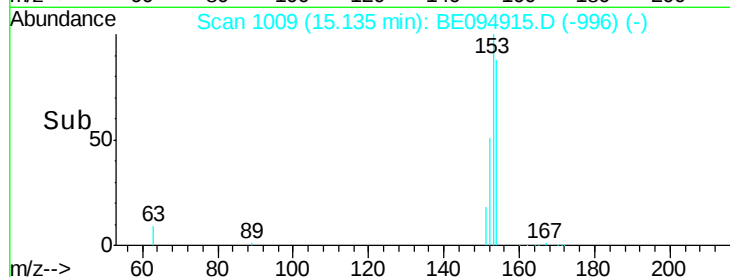
#17
Acenaphthene
Concen: 0.388 ng
RT: 15.13 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 12038
Ion Ratio Lower Upper
154 100
153 114.8 89.2 133.8
152 59.8 42.0 63.0

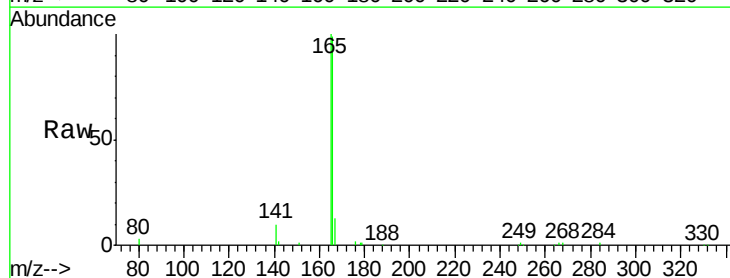


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

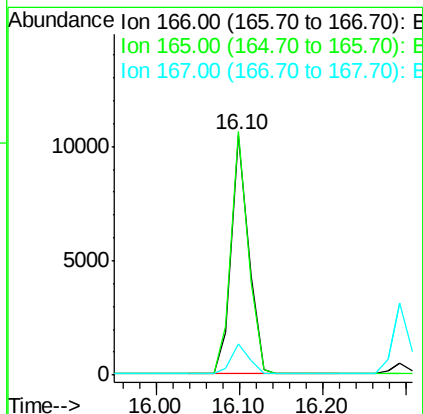
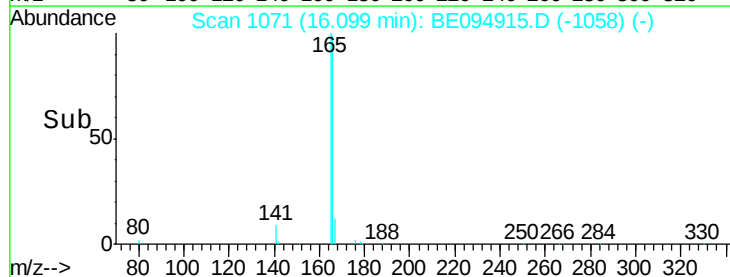


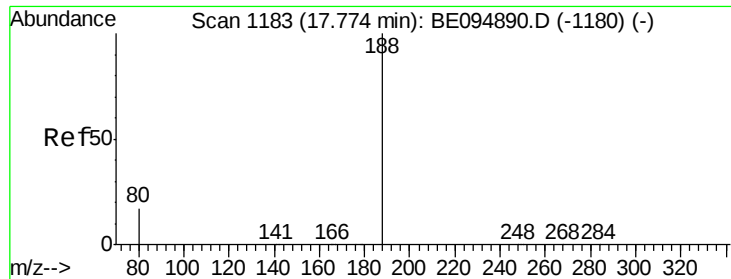
#18
Fluorene
Concen: 0.384 ng
RT: 16.10 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion:166 Resp: 15166
Ion Ratio Lower Upper
166 100
165 100.2 77.8 116.6
167 13.2 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: 17.79 min Scan# 1184

Delta R.T. 0.02 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

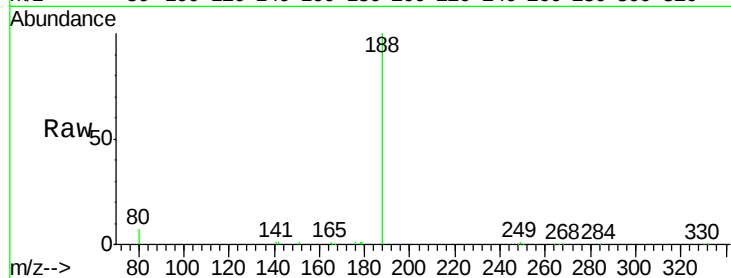
Tot Ion:188 Resp: 21502

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

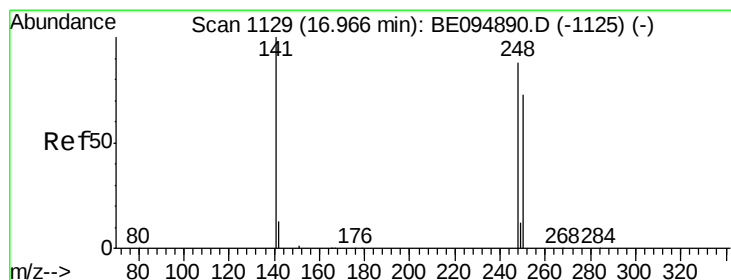
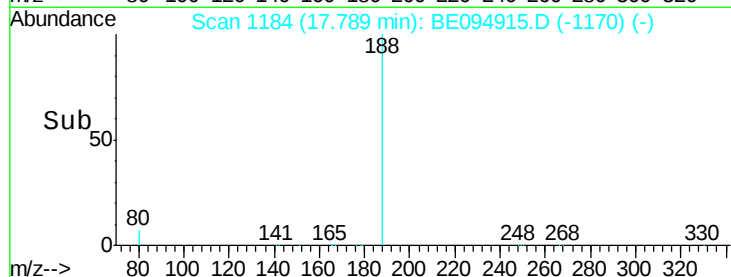
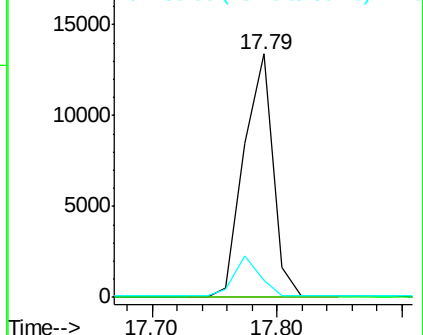
80 7.2 3.6 5.4#



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: 0.381 ng

RT: 16.98 min Scan# 1130

Delta R.T. 0.02 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

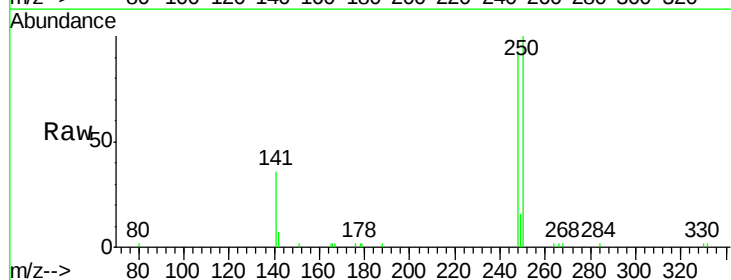
Tgt Ion:248 Resp: 4571

Ion Ratio Lower Upper

248 100

250 108.5 62.7 94.1#

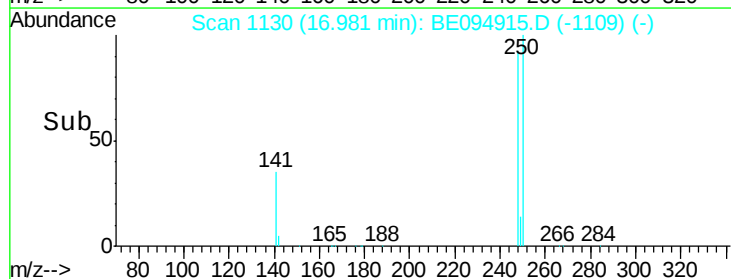
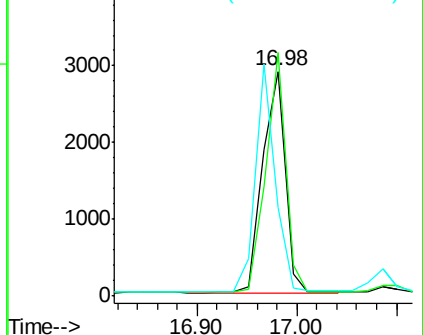
141 39.4 48.2 72.2#

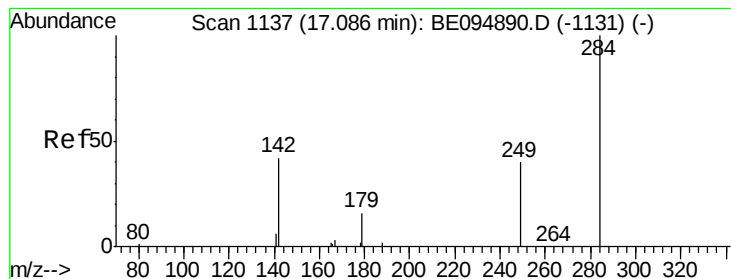


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.415 ng

RT: 17.10 min Scan# 1138

Delta R.T. 0.02 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

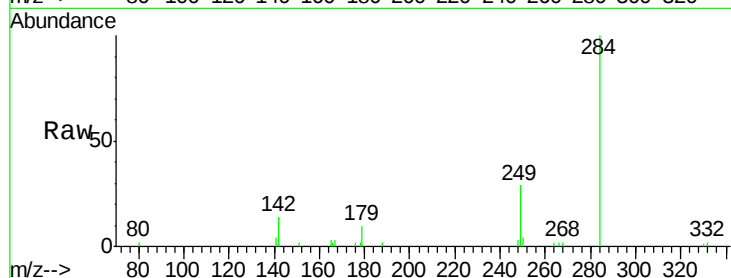
Tot Ion:284 Resp: 4858

Ion Ratio Lower Upper

284 100

142 46.1 22.1 33.1#

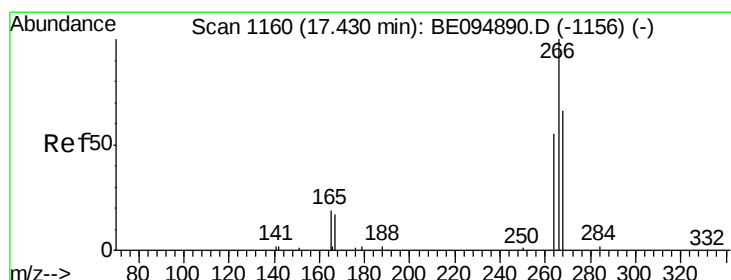
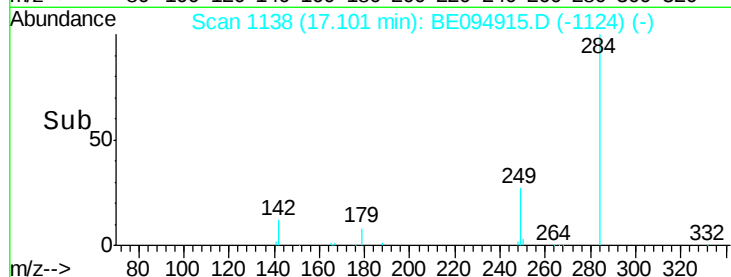
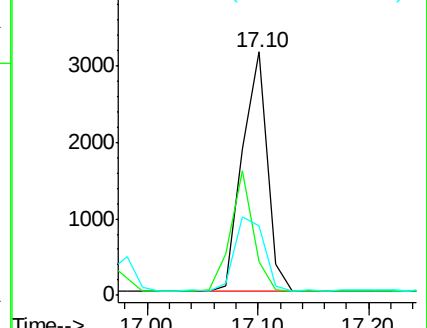
249 36.9 34.8 52.2



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: 0.283 ng

RT: 17.43 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

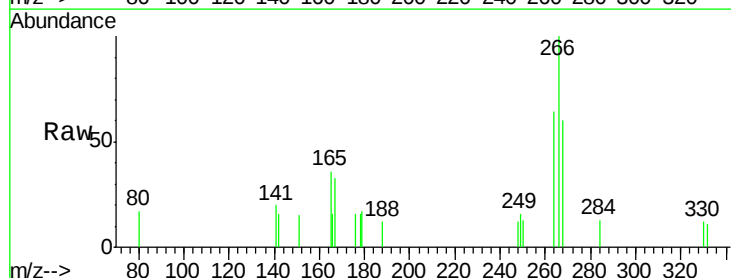
Tgt Ion:266 Resp: 579

Ion Ratio Lower Upper

266 100

264 63.8 72.5 108.7#

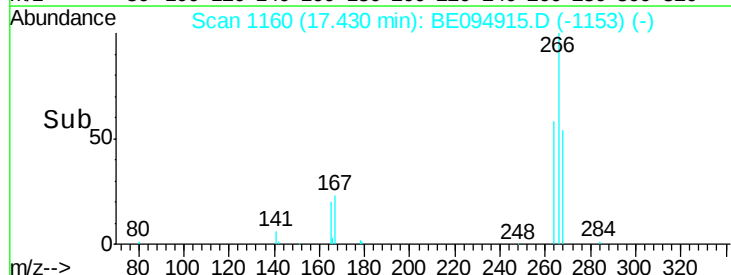
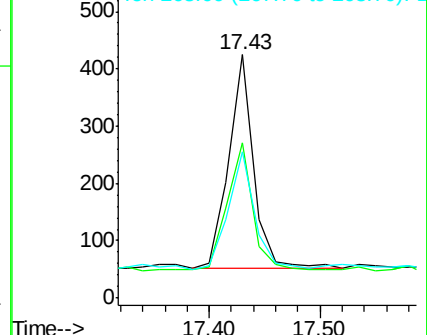
268 60.2 73.8 110.6#

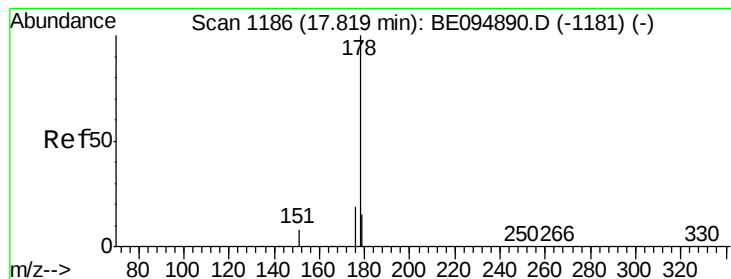


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.397 ng

RT: 17.82 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

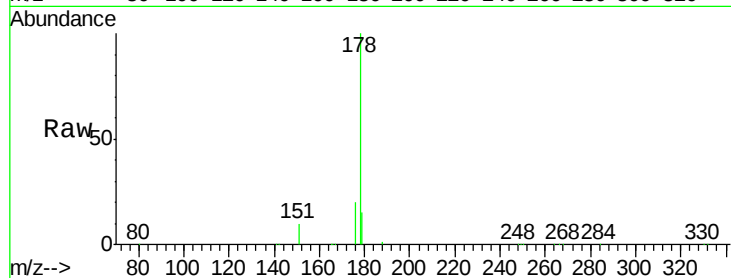
Tot Ion:178 Resp: 27177

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

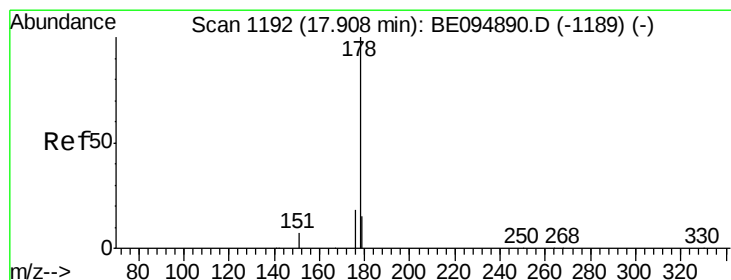
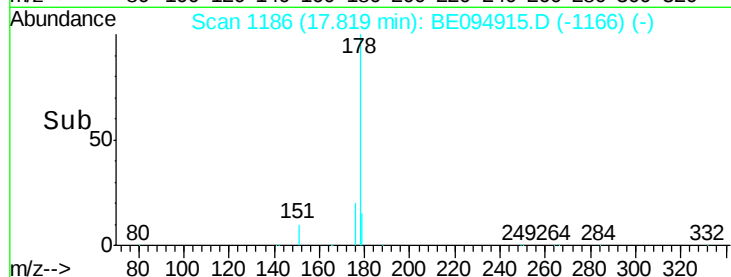
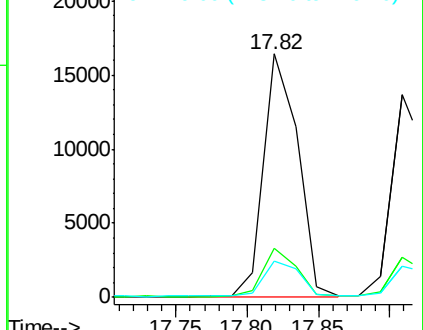
179 15.4 11.8 17.6



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: 0.366 ng

RT: 17.91 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

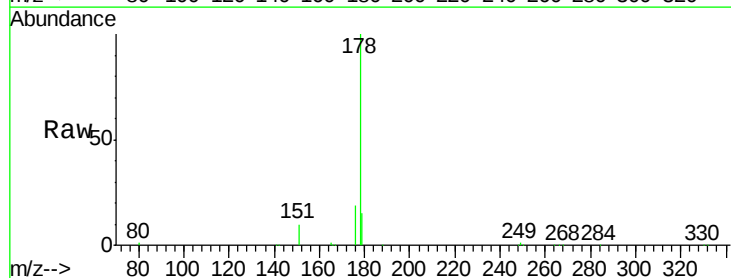
Tgt Ion:178 Resp: 26615

Ion Ratio Lower Upper

178 100

176 20.3 12.8 19.2#

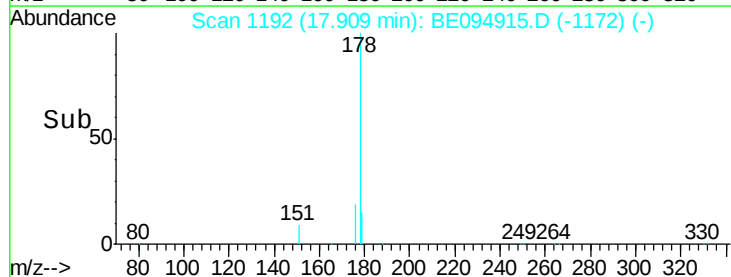
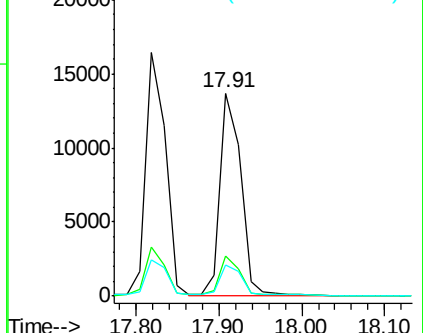
179 17.6 13.0 19.6

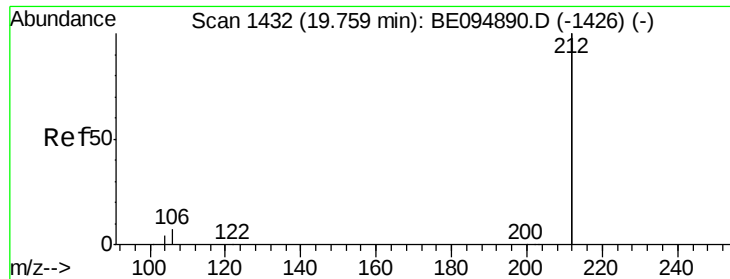


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.357 ng

RT: 19.77 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

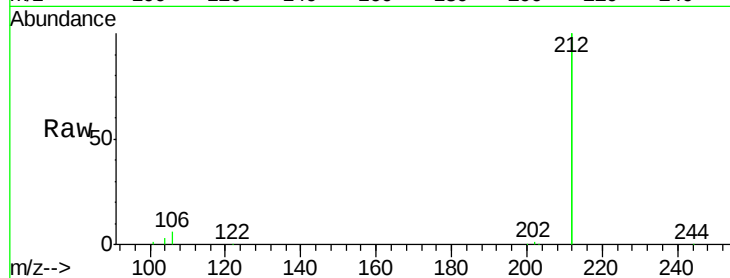
Tot Ion:212 Resp: 104968

Ion Ratio Lower Upper

212 100

106 3.7 2.8 4.2

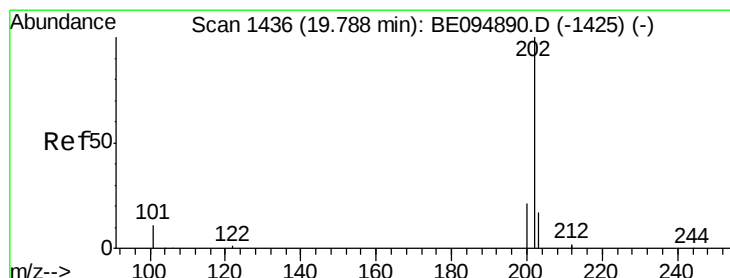
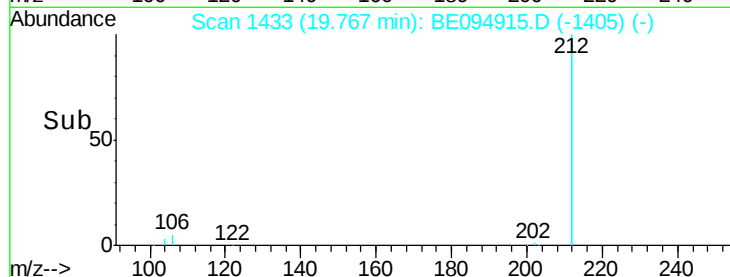
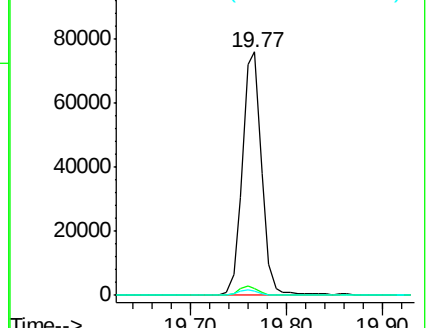
104 2.1 1.6 2.4



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: 0.369 ng

RT: 19.79 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

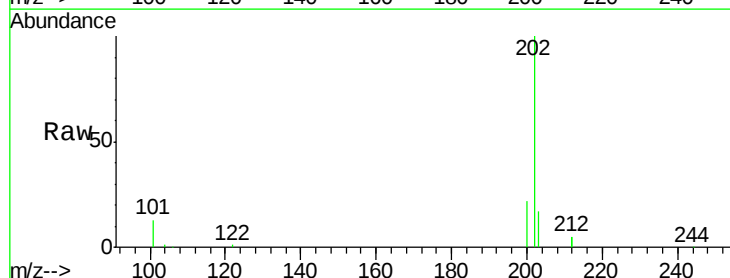
Tgt Ion:202 Resp: 32494

Ion Ratio Lower Upper

202 100

101 12.0 9.8 14.8

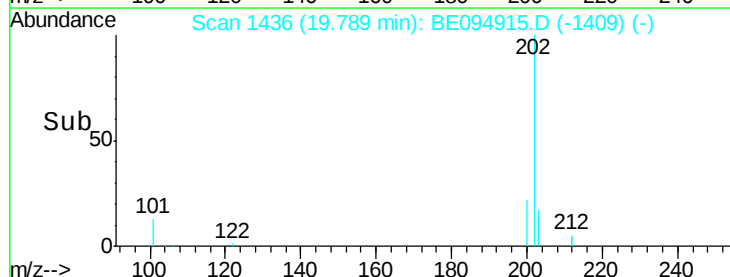
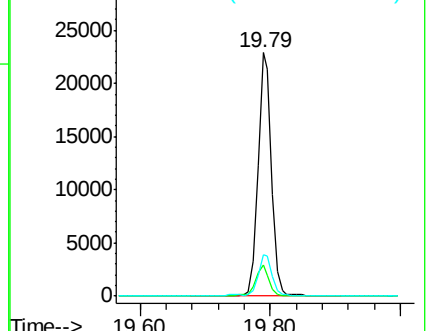
203 16.7 13.7 20.5

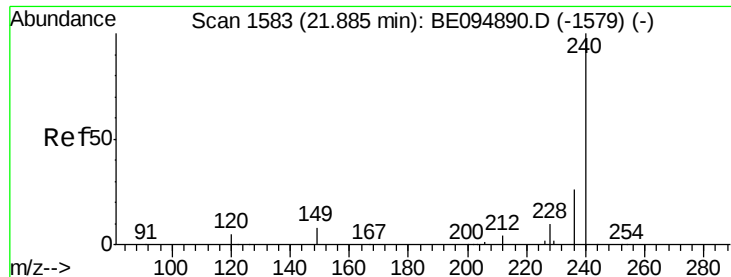


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

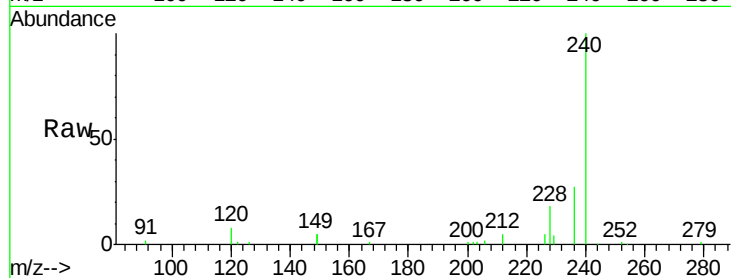




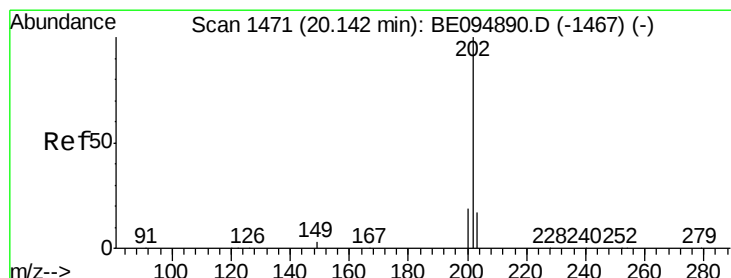
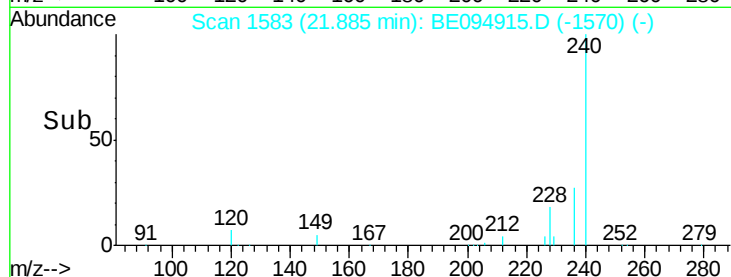
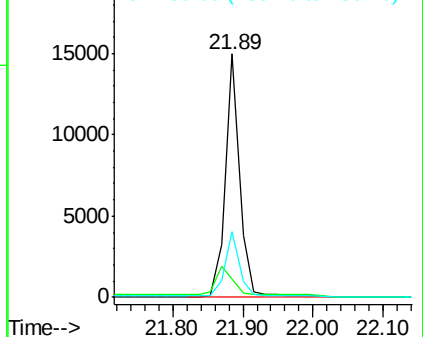
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.89 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:240 Resp: 22840
Ion Ratio Lower Upper
240 100
120 7.7 5.5 8.3
236 27.1 20.7 31.1

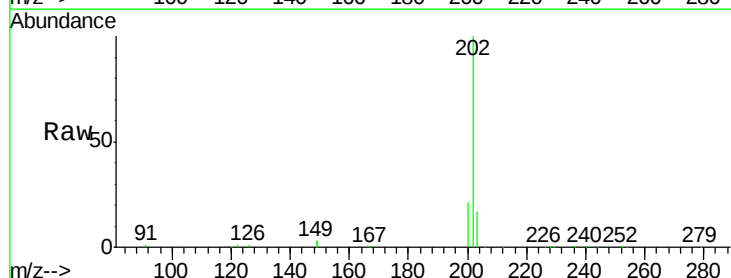


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

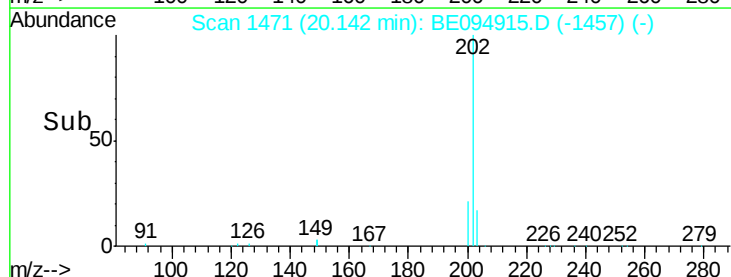
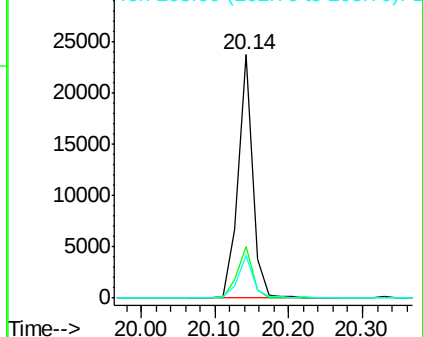


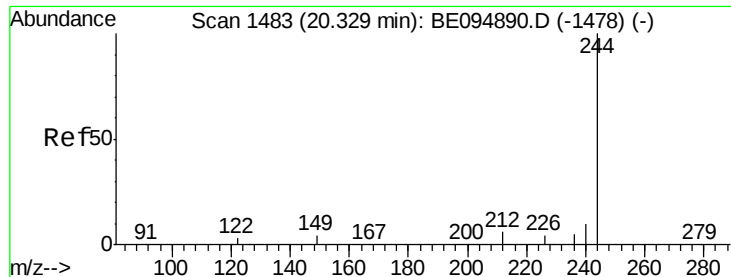
#28
Pyrene
Concen: 0.411 ng
RT: 20.14 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BE094915.D
Acq: 5 Dec 2017 15:27

Tgt Ion:202 Resp: 32379
Ion Ratio Lower Upper
202 100
200 21.7 16.6 25.0
203 19.0 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: 0.402 ng

RT: 20.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

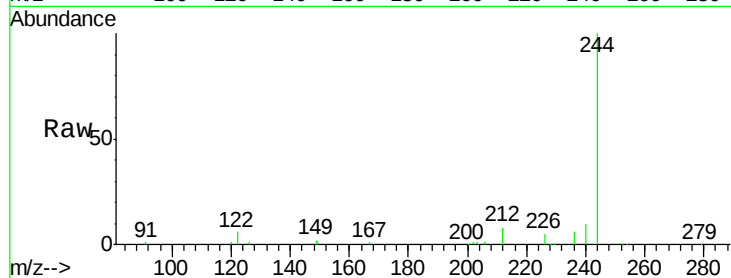
Tot Ion:244 Resp: 16960

Ion Ratio Lower Upper

244 100

212 8.3 25.4 38.0#

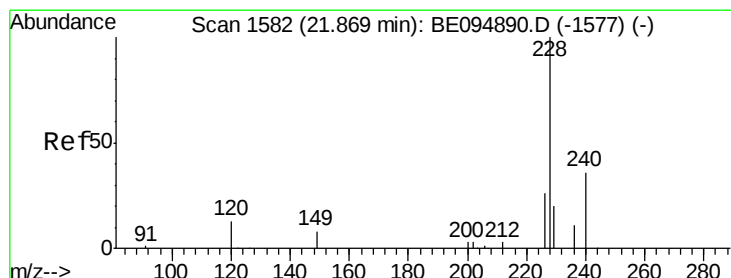
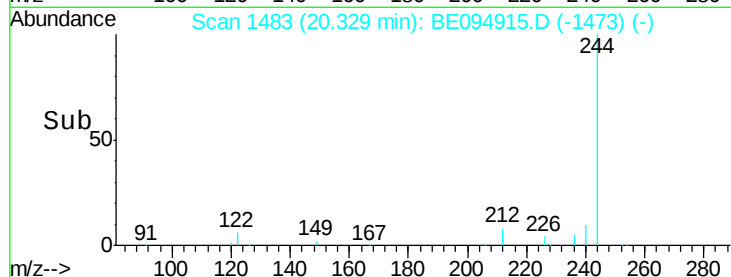
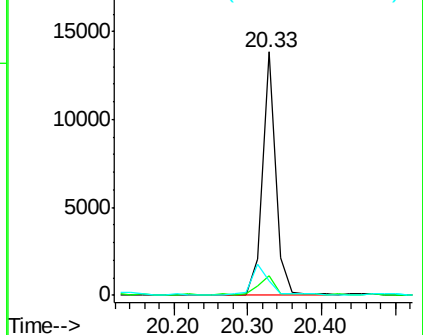
122 6.0 8.1 12.1#



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: 0.370 ng

RT: 21.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

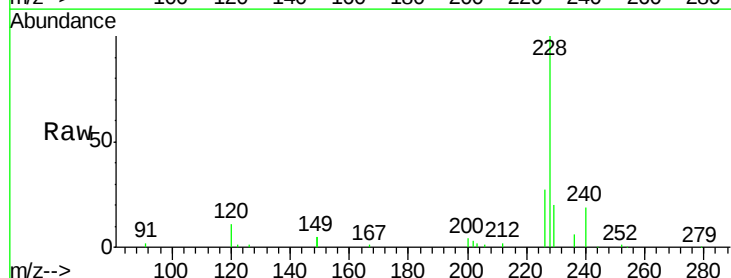
Tgt Ion:228 Resp: 25914

Ion Ratio Lower Upper

228 100

226 27.2 40.0 60.0#

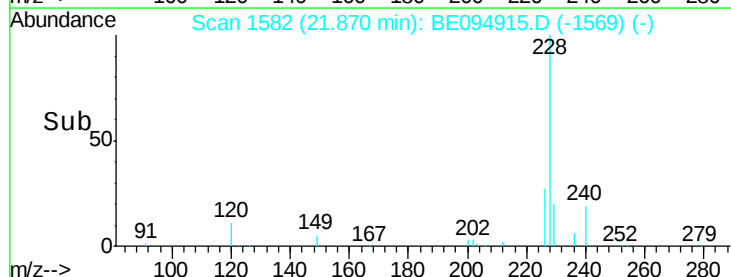
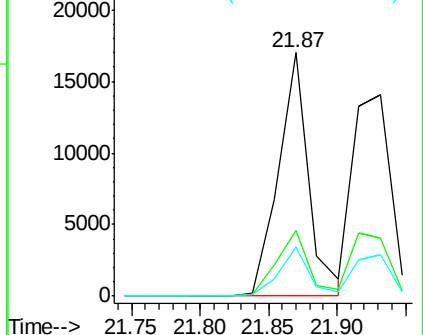
229 19.9 40.0 60.0#

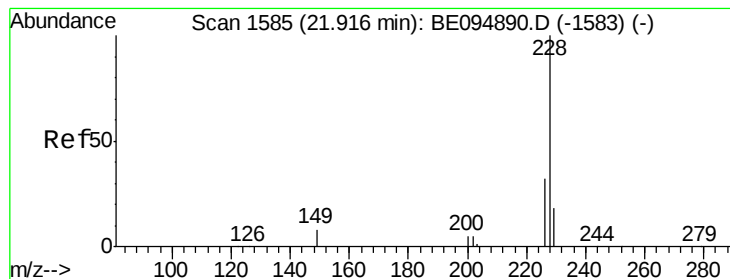


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.388 ng

RT: 21.93 min Scan# 1586

Delta R.T. 0.02 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

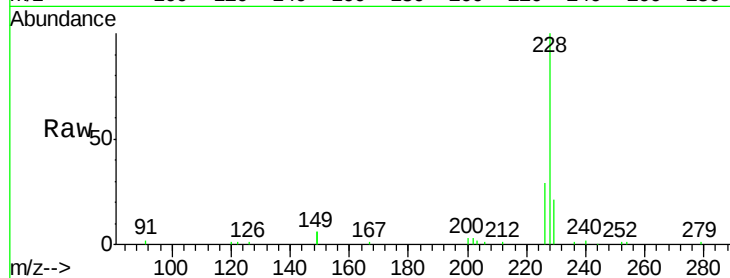
Tot Ion:228 Resp: 30002

Ion Ratio Lower Upper

228 100

226 29.1 40.0 60.0#

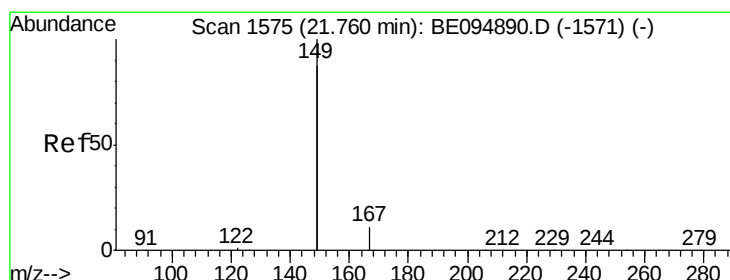
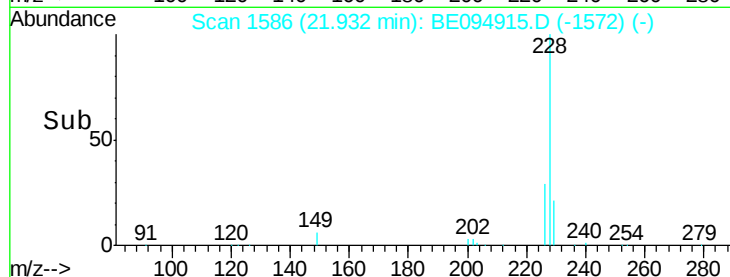
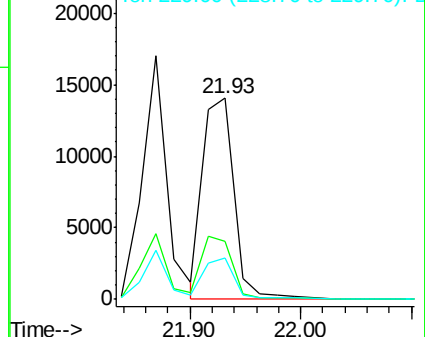
229 20.8 40.0 60.0#



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: 0.113 ng

RT: 21.76 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

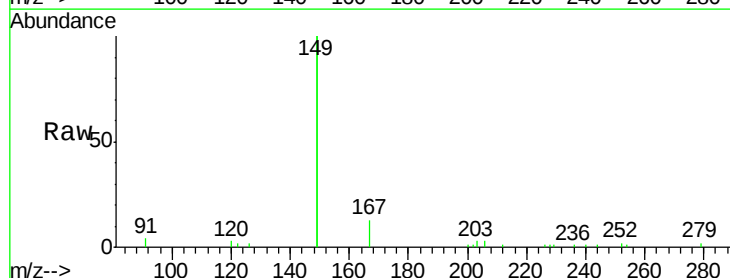
Tgt Ion:149 Resp: 13160

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

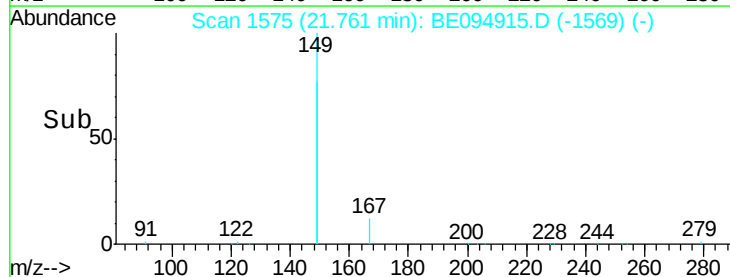
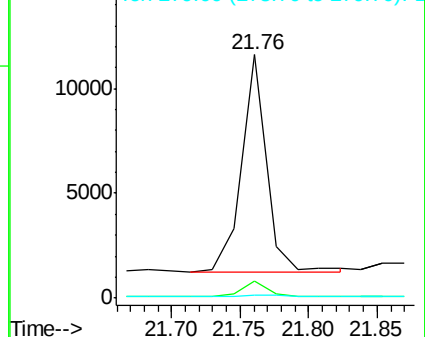
279 1.0 0.7 1.1

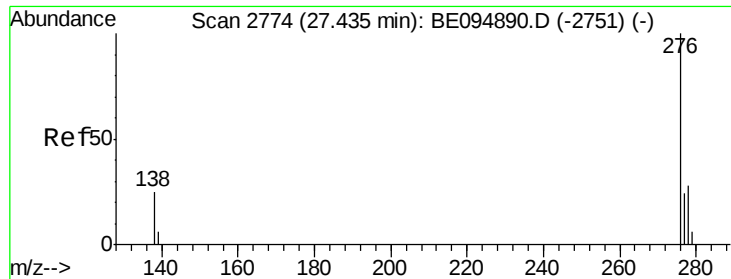


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

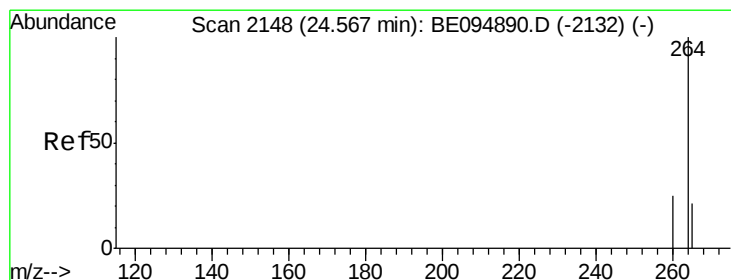
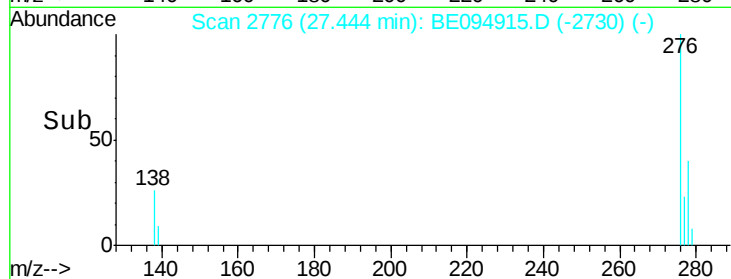
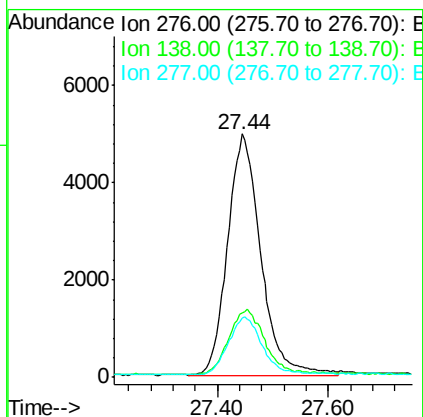
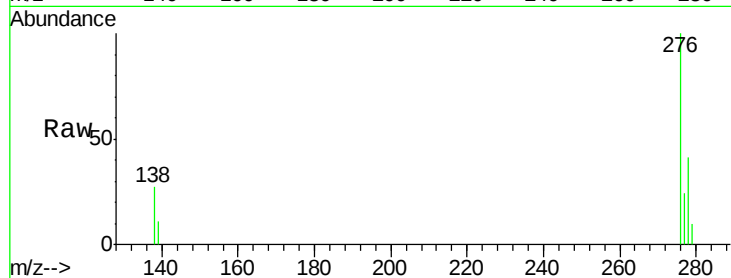




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.324 ng
 RT: 27.44 min Scan# 2776
 Delta R.T. 0.01 min
 Lab File: BE094915.D
 Acq: 5 Dec 2017 15:27

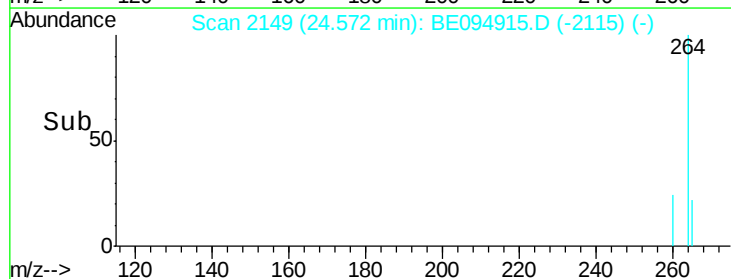
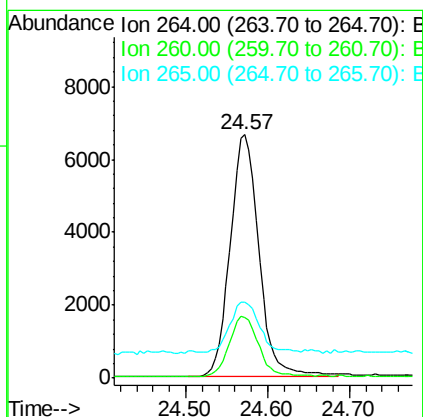
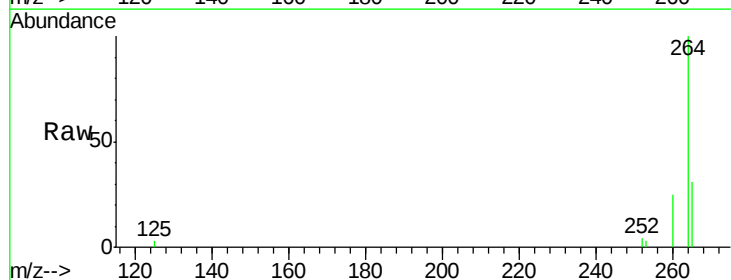
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

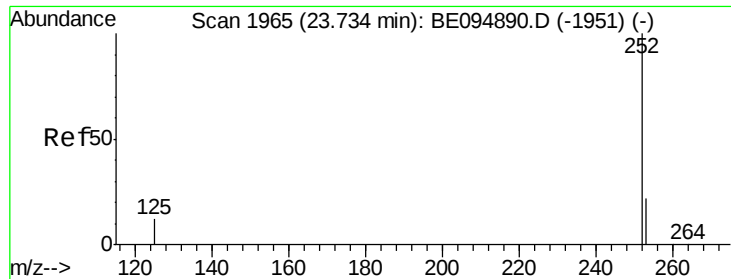
Tot Ion:276 Resp: 20533
 Ion Ratio Lower Upper
 276 100
 138 29.1 22.5 33.7
 277 24.4 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.57 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BE094915.D
 Acq: 5 Dec 2017 15:27

Tgt Ion:264 Resp: 16100
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.5 30.7
 265 31.3 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.395 ng

RT: 23.74 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

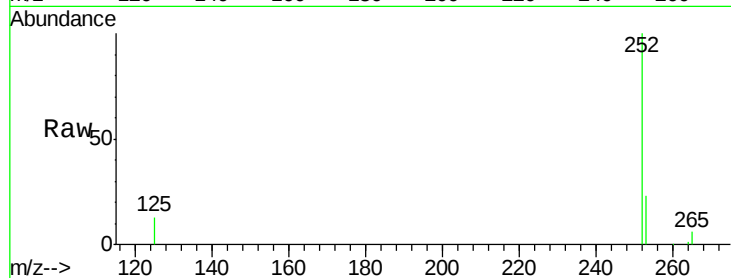
Tot Ion:252 Resp: 23210

Ion Ratio Lower Upper

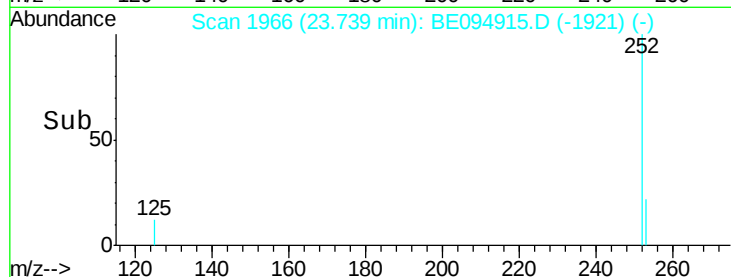
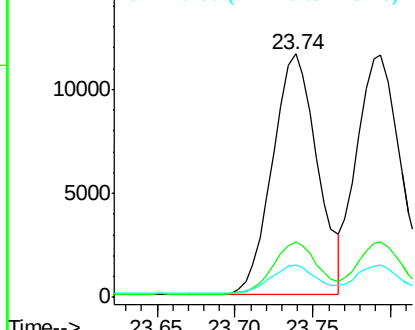
252 100

253 22.9 48.0 72.0#

125 13.3 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: 0.390 ng

RT: 23.79 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

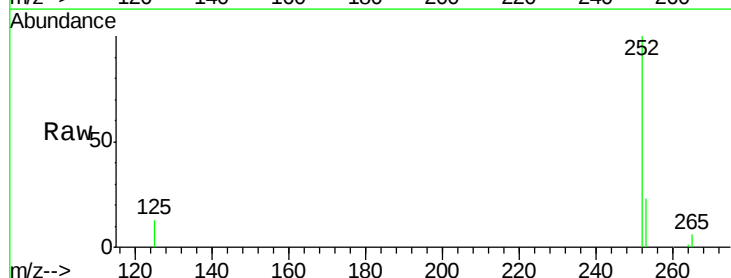
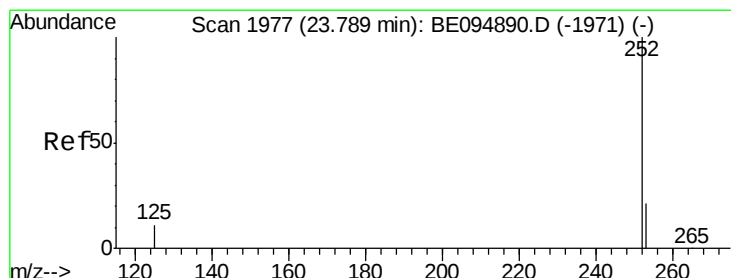
Tgt Ion:252 Resp: 23348

Ion Ratio Lower Upper

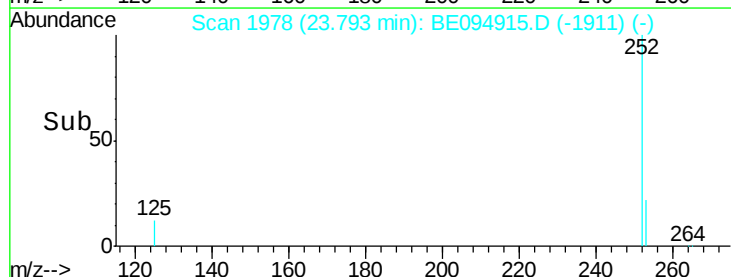
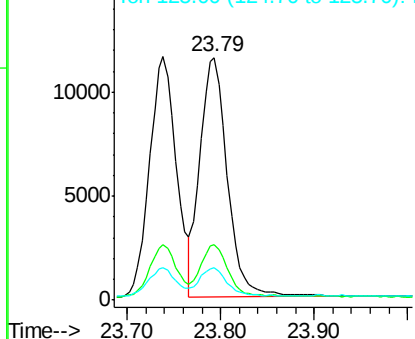
252 100

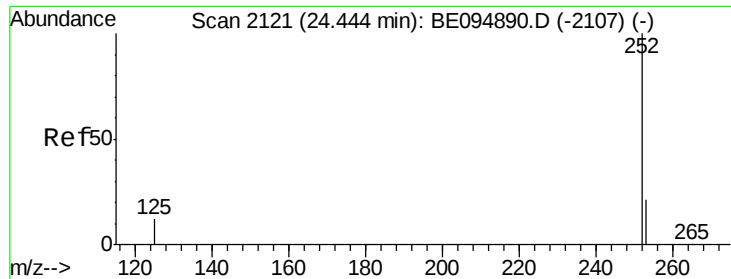
253 22.8 48.0 72.0#

125 13.1 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





#37

Benzo(a)pyrene

Concen: 0.379 ng

RT: 24.45 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

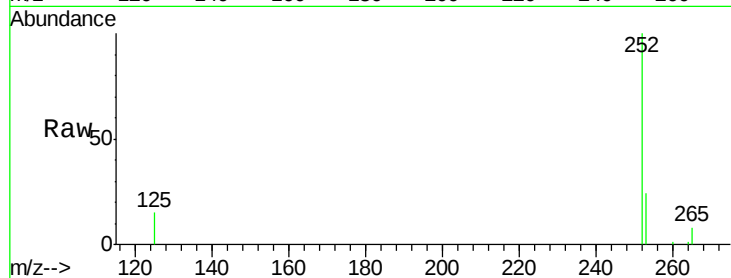
Tot Ion:252 Resp: 19538

Ion Ratio Lower Upper

252 100

253 23.7 52.0 78.0#

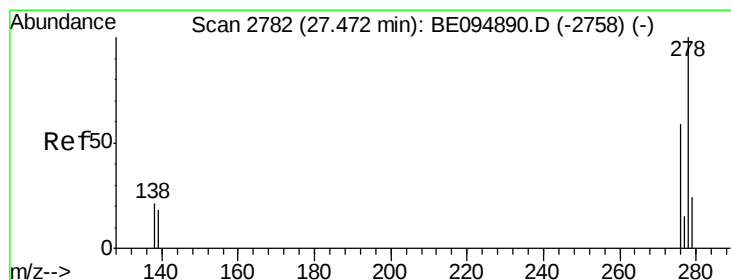
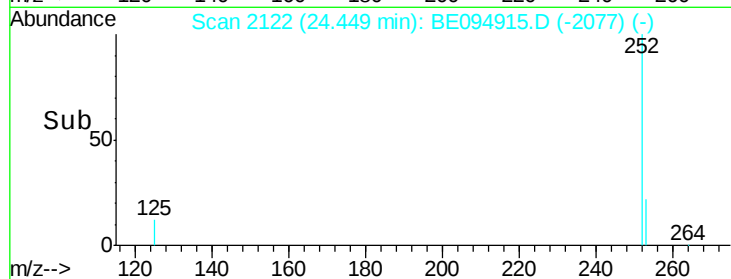
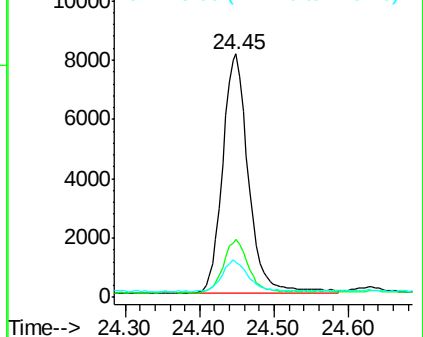
125 14.6 68.0 102.0#



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: 0.355 ng

RT: 27.47 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

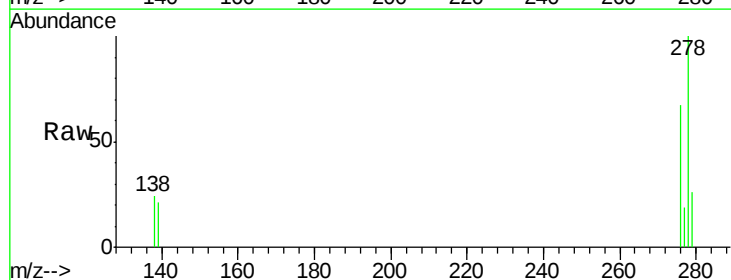
Tgt Ion:278 Resp: 16908

Ion Ratio Lower Upper

278 100

139 21.3 56.0 84.0#

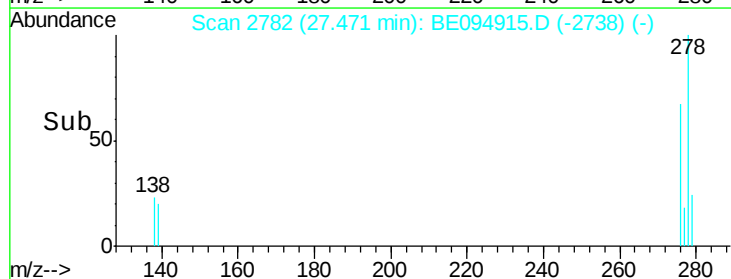
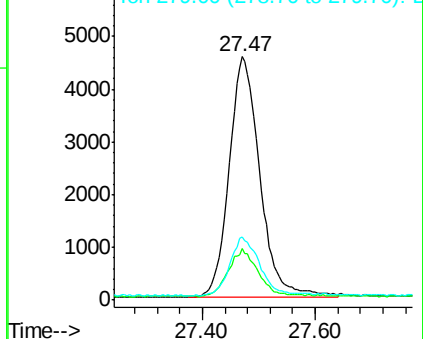
279 26.0 52.0 78.0#

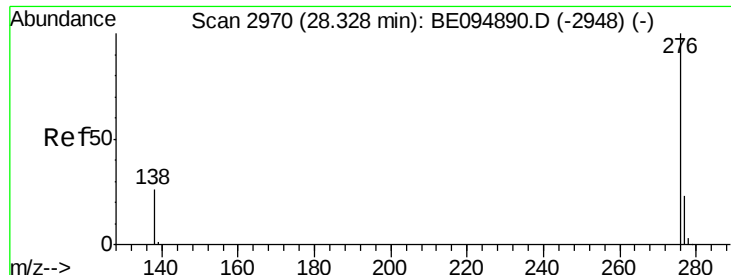


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.385 ng

RT: 28.33 min Scan# 2970

Delta R.T. -0.00 min

Lab File: BE094915.D

Acq: 5 Dec 2017 15:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

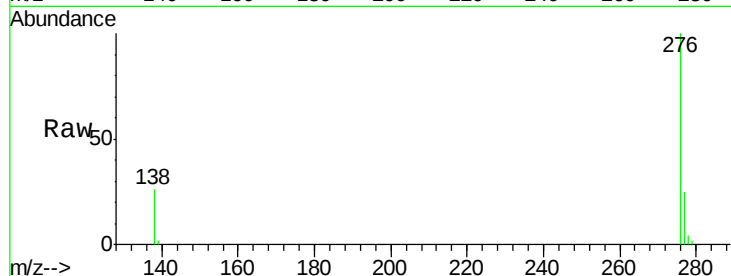
Tot Ion: 276 Resp: 18301

Ion Ratio Lower Upper

276 100

277 25.1 52.0 78.0#

138 26.5 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

