

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061818\
 Data File : BE096808.D
 Acq On : 18 Jun 2018 14:52
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 18 16:02:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 18 13:28:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2635	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	12652	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	7406	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	20626	0.40	ng	0.00
27) Chrysene-d12	20.98	240	16804	0.40	ng	0.00
34) Perylene-d12	23.22	264	14176	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	2309	0.40	ng	0.00
5) Phenol-d6	6.59	99	3411	0.40	ng	0.00
8) Nitrobenzene-d5	8.53	82	2666	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	7687	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	601	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	11175	0.37	ng	0.00
25) Fluoranthene-d10	18.81	212	71530	0.35	ng	0.00
29) Terphenyl-d14	19.44	244	14457	0.38	ng	0.00

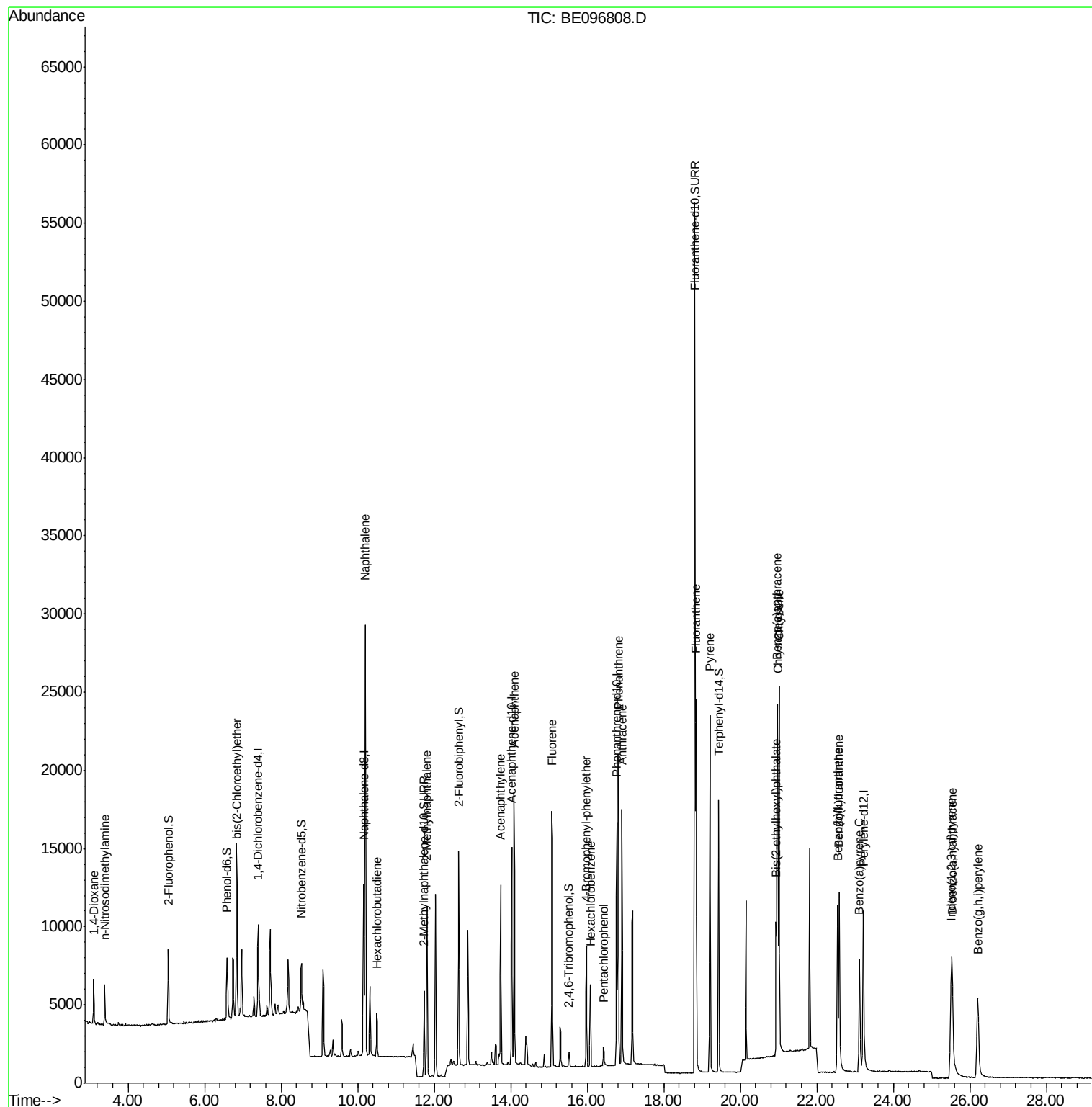
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	1737	0.407	ng	# 85
3) n-Nitrosodimethylamine	3.38	42	1655	0.368	ng	# 87
6) bis(2-Chloroethyl)ether	6.85	93	3788	0.372	ng	95
9) Naphthalene	10.20	128	47227	0.380	ng	99
10) Hexachlorobutadiene	10.50	225	1928	0.372	ng	97
12) 2-Methylnaphthalene	11.82	142	7862	0.377	ng	98
16) Acenaphthylene	13.74	152	12207	0.349	ng	99
17) Acenaphthene	14.08	154	8495	0.362	ng	94
18) Fluorene	15.07	166	10058	0.362	ng	# 80
20) 4-Bromophenyl-phenylether	15.98	248	3609	0.359	ng	# 86
21) Hexachlorobenzene	16.09	284	4287	0.363	ng	# 79
22) Pentachlorophenol	16.43	266	687	0.373	ng	# 74
23) Phenanthrene	16.81	178	20196	0.360	ng	98
24) Anthracene	16.90	178	16216	0.352	ng	95
26) Fluoranthene	18.84	202	21163	0.357	ng	99
28) Pyrene	19.21	202	20236	0.367	ng	99
30) Benzo(a)anthracene	20.97	228	14425	0.354	ng	96
31) Chrysene	21.02	228	19192	0.374	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	11497	0.376	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	12968	0.337	ng	97
35) Benzo(b)fluoranthene	22.54	252	14258	0.366	ng	# 89
36) Benzo(k)fluoranthene	22.59	252	16491	0.356	ng	96
37) Benzo(a)pyrene	23.12	252	11489	0.340	ng	94
38) Dibenzo(a,h)anthracene	25.54	278	11250	0.357	ng	95
39) Benzo(g,h,i)perylene	26.21	276	12948	0.360	ng	# 92

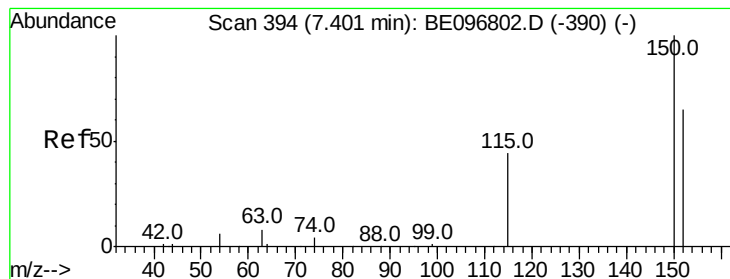
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 18 13:28:13 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 394

Delta R.T. 0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

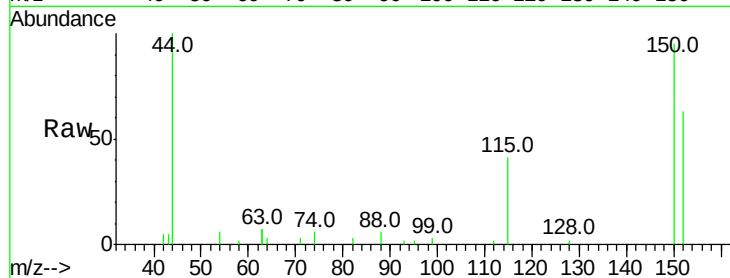
Tot Ion:152 Resp: 2635

Ion Ratio Lower Upper

152 100

150 150.8 117.2 175.8

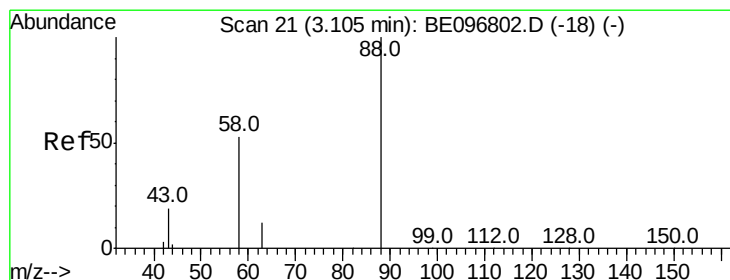
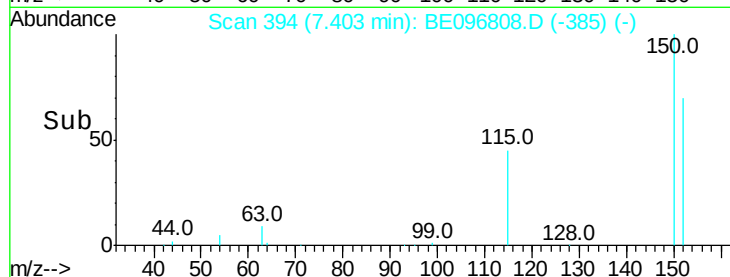
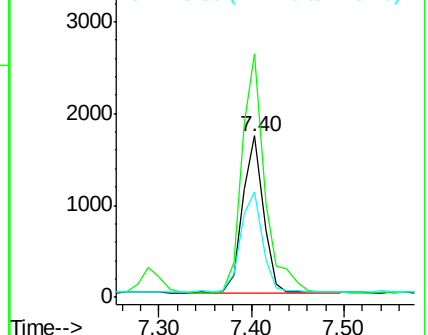
115 65.2 57.0 85.6



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: 0.407 ng

RT: 3.10 min Scan# 20

Delta R.T. -0.01 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

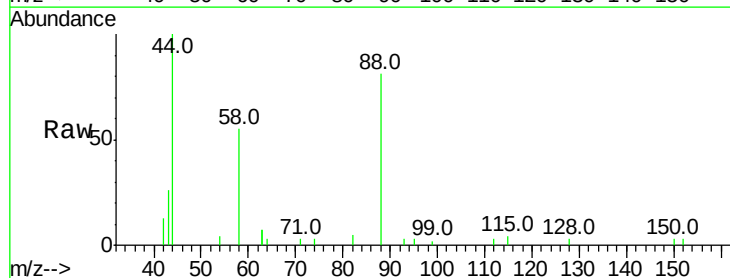
Tgt Ion: 88 Resp: 1737

Ion Ratio Lower Upper

88 100

58 73.5 63.2 94.8

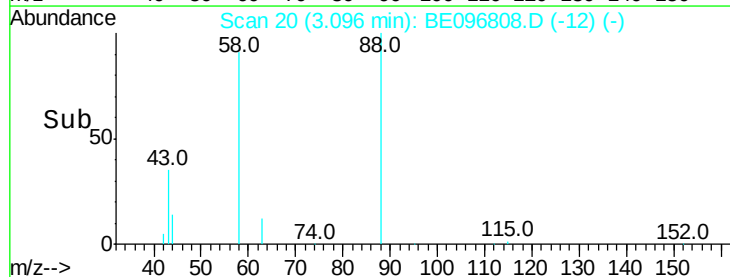
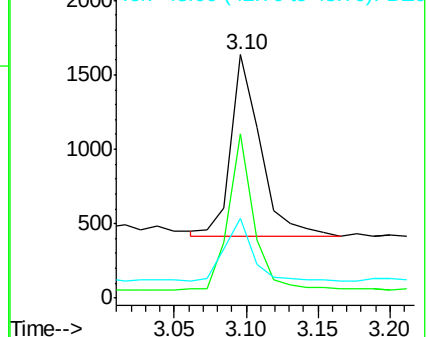
43 32.2 41.2 61.8#

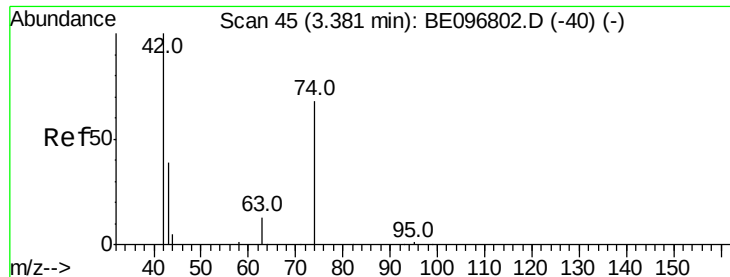


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



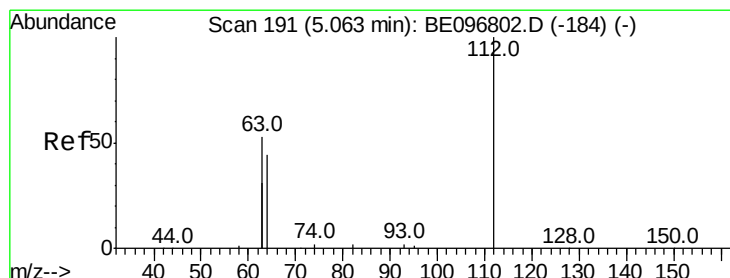
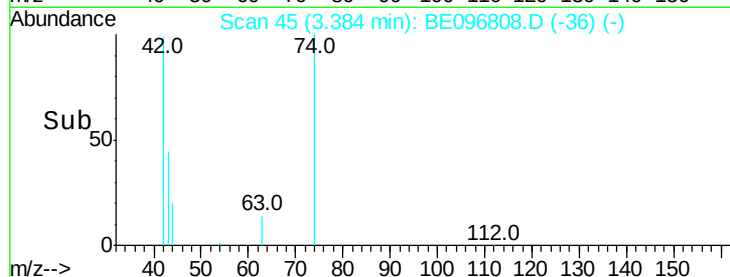
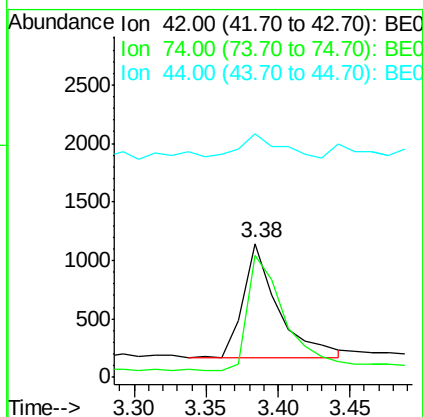
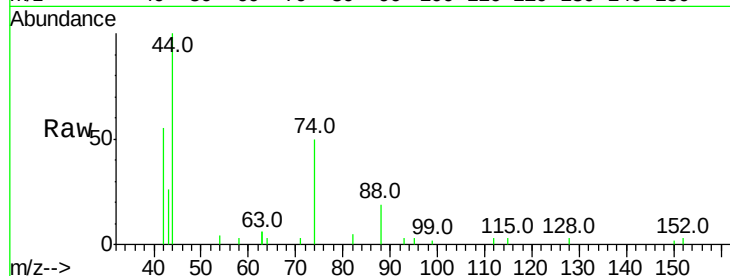


#3

n-Nitrosodimethylamine
 Concen: 0.368 ng
 RT: 3.38 min Scan# 45
 Delta R.T. 0.00 min
 Lab File: BE096808.D
 Acq: 18 Jun 2018 14:52

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

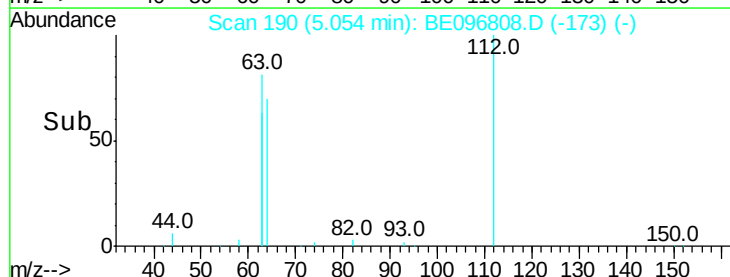
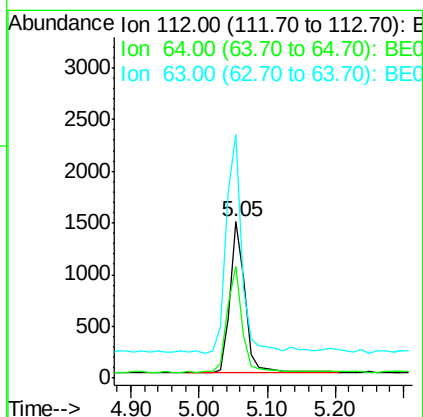
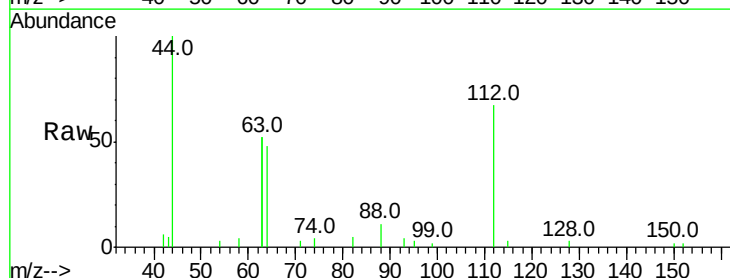
Tot Ion: 42 Resp: 1655
 Ion Ratio Lower Upper
 42 100
 74 106.8 96.0 144.0
 44 23.9 12.0 18.0#

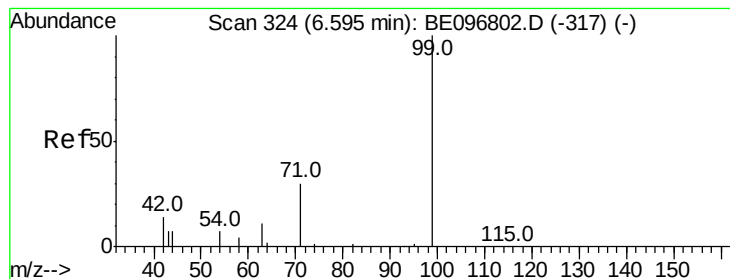


#4

2-Fluorophenol
 Concen: 0.401 ng
 RT: 5.05 min Scan# 190
 Delta R.T. -0.01 min
 Lab File: BE096808.D
 Acq: 18 Jun 2018 14:52

Tgt Ion: 112 Resp: 2309
 Ion Ratio Lower Upper
 112 100
 64 70.0 60.1 90.1
 63 146.4 116.8 175.2





#5

Phenol-d6

Concen: 0.395 ng

RT: 6.59 min Scan# 323

Delta R.T. -0.01 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

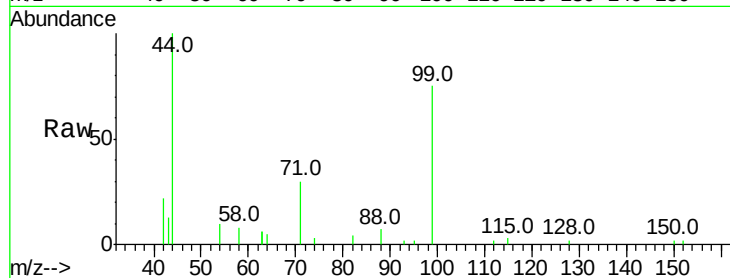
Tot Ion: 99 Resp: 3411

Ion Ratio Lower Upper

99 100

42 23.7 20.2 30.2

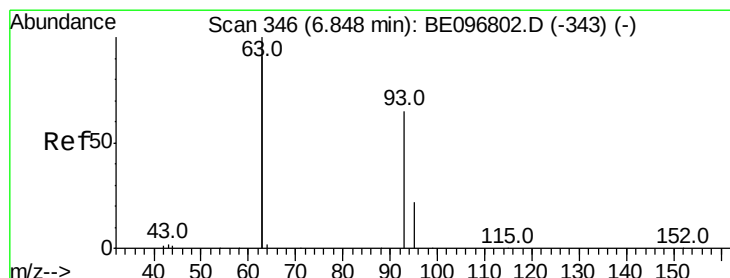
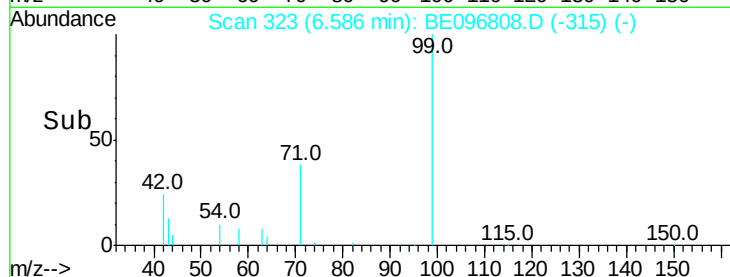
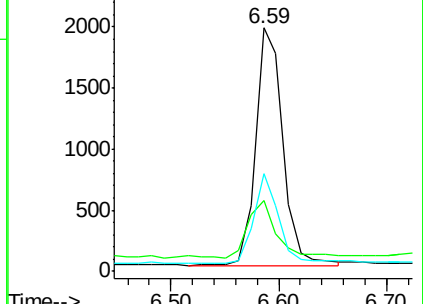
71 35.2 28.4 42.6



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: 0.372 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

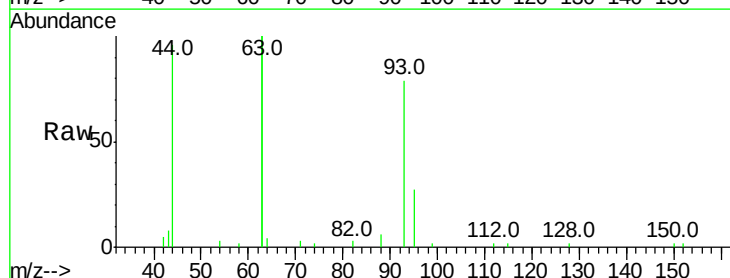
Tgt Ion: 93 Resp: 3788

Ion Ratio Lower Upper

93 100

63 332.4 275.3 412.9

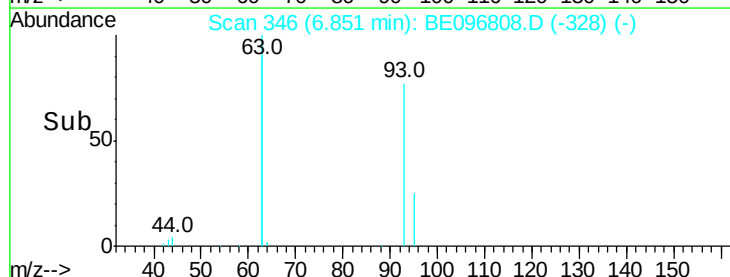
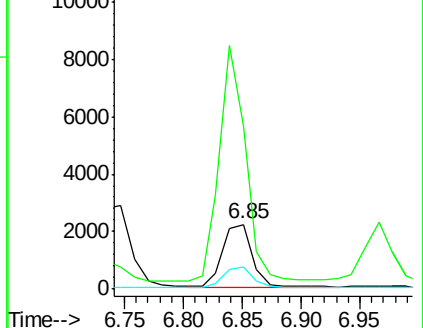
95 32.0 25.2 37.8

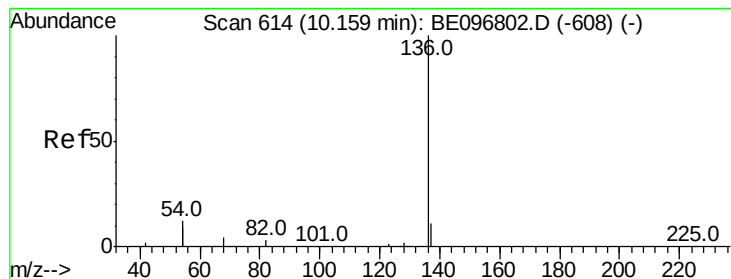


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.16 min Scan# 614

Delta R.T. -0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 12652

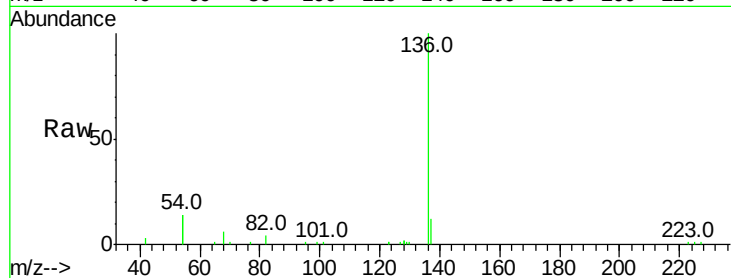
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 27.1 29.1 43.7#

68 5.6 6.2 9.2#

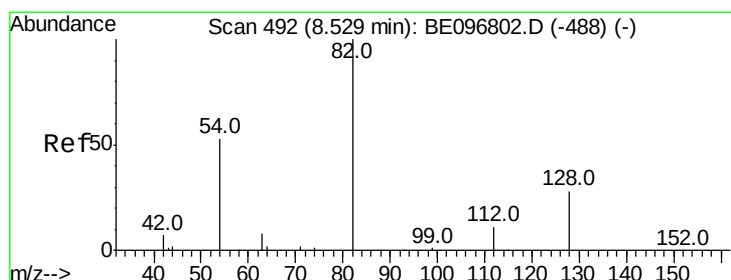
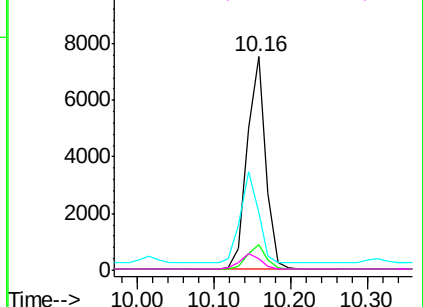
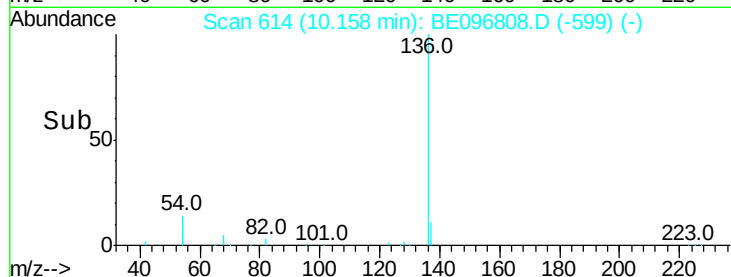


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.379 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

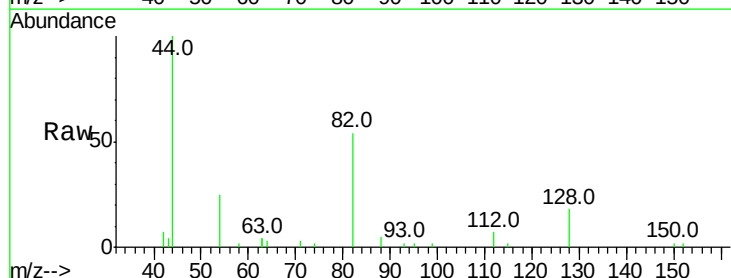
Tgt Ion: 82 Resp: 2666

Ion Ratio Lower Upper

82 100

128 33.8 24.0 36.0

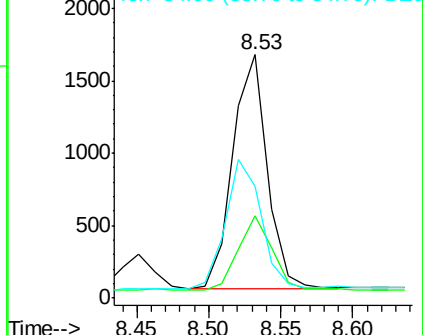
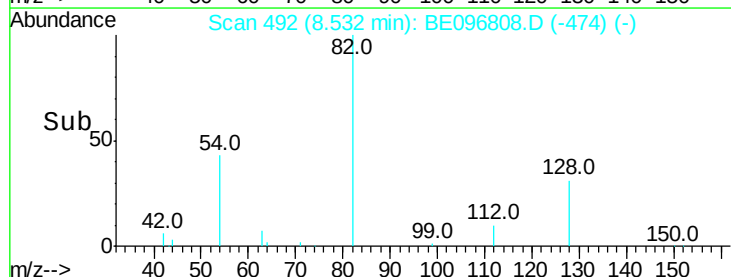
54 45.7 40.0 60.0

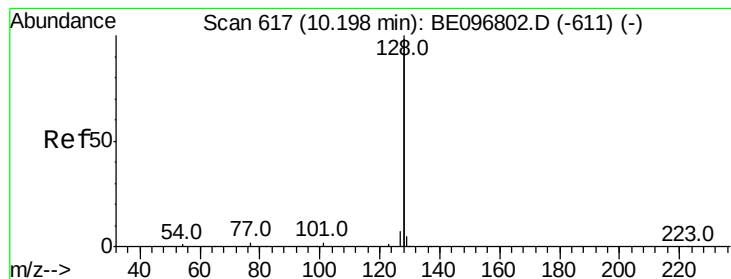


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.380 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

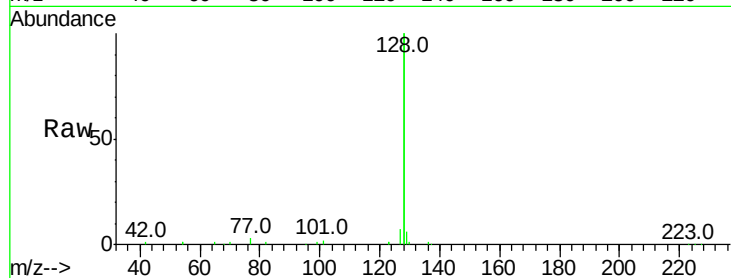
Tot Ion:128 Resp: 47227

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

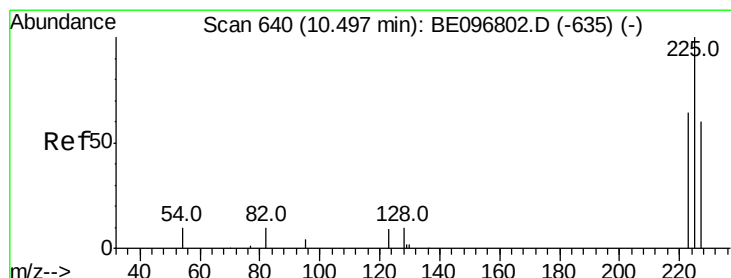
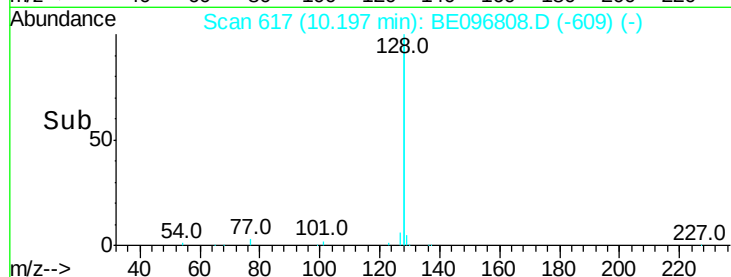
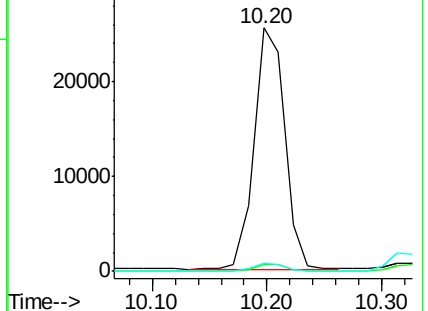
127 3.3 2.8 4.2



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: 0.372 ng

RT: 10.50 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

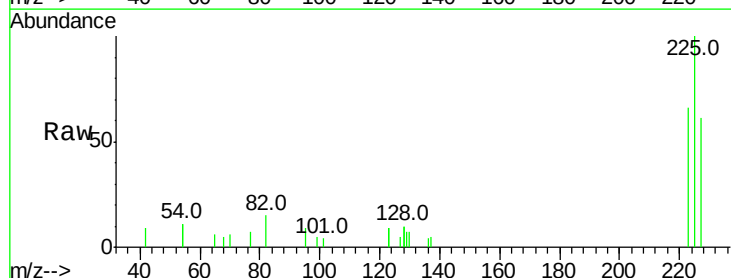
Tgt Ion:225 Resp: 1928

Ion Ratio Lower Upper

225 100

223 63.6 53.0 79.6

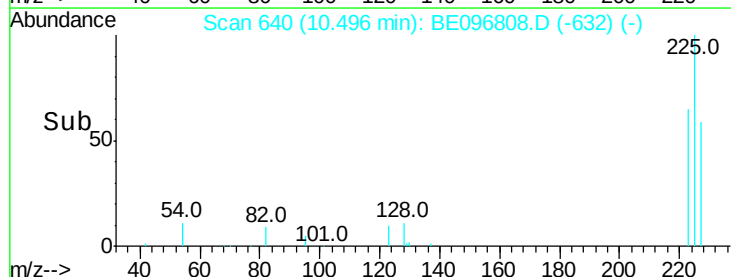
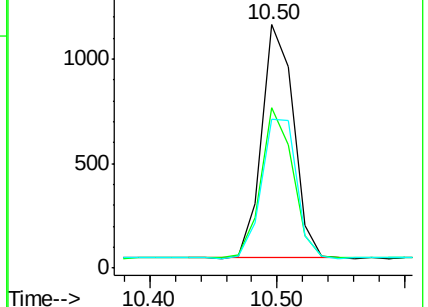
227 65.6 51.4 77.2

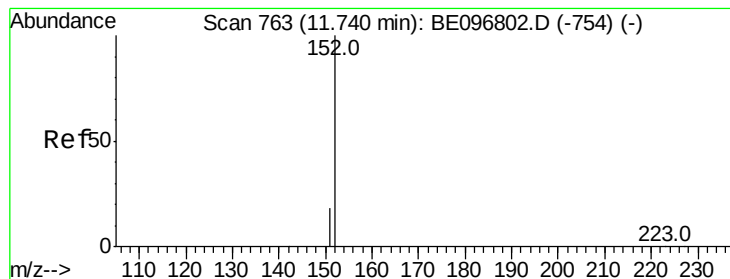


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.380 ng

RT: 11.73 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

Instrument :

BNA_E

ClientSampleId :

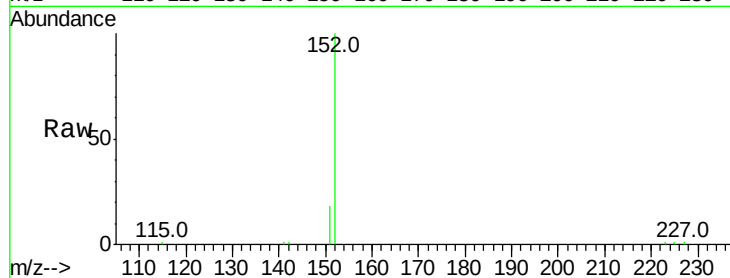
SSTDCCC0.4

Tot Ion:152 Resp: 7687

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

5000

4000

3000

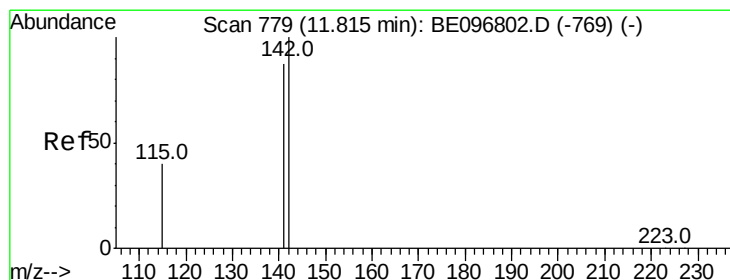
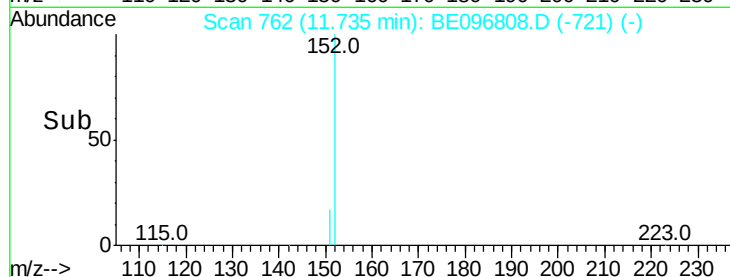
2000

1000

0

Time-->

11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.377 ng

RT: 11.82 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

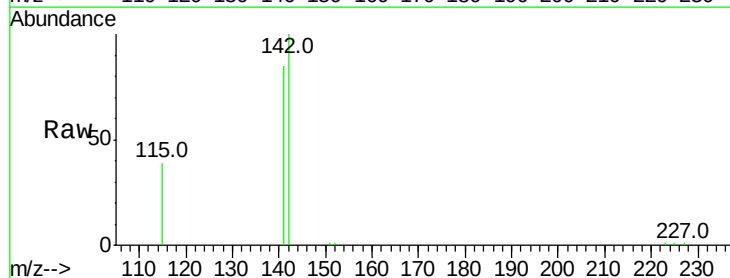
Tgt Ion:142 Resp: 7862

Ion Ratio Lower Upper

142 100

141 85.3 70.4 105.6

115 38.8 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

11.82

6000

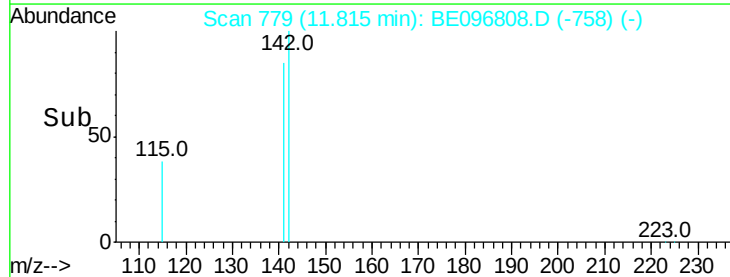
4000

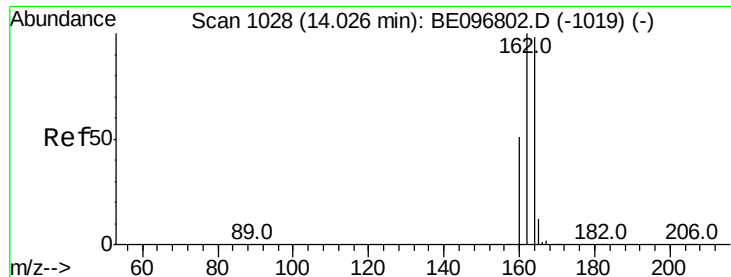
2000

0

Time-->

11.70 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

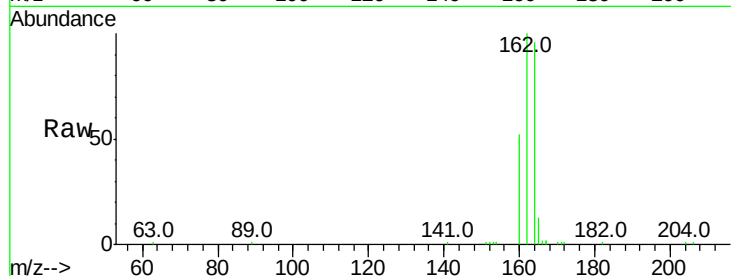
Tot Ion:164 Resp: 7406

Ion Ratio Lower Upper

164 100

162 104.6 83.1 124.7

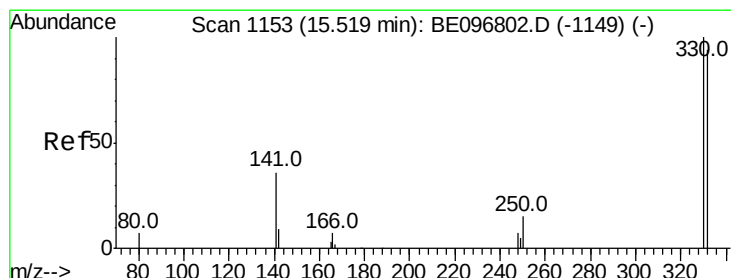
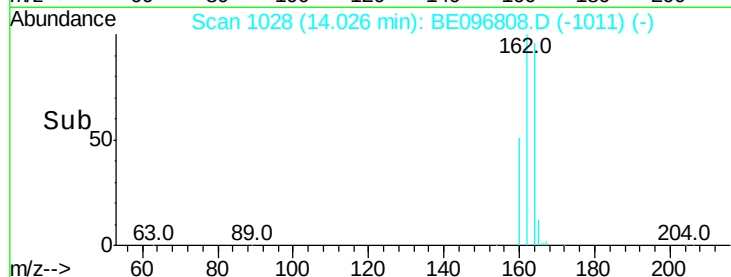
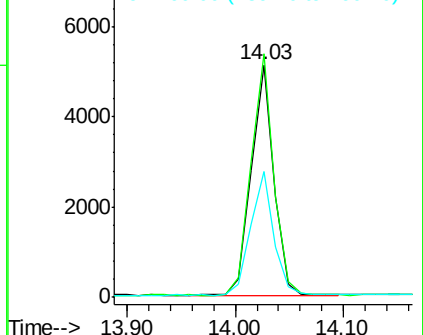
160 54.0 37.1 55.7



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: 0.387 ng

RT: 15.52 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

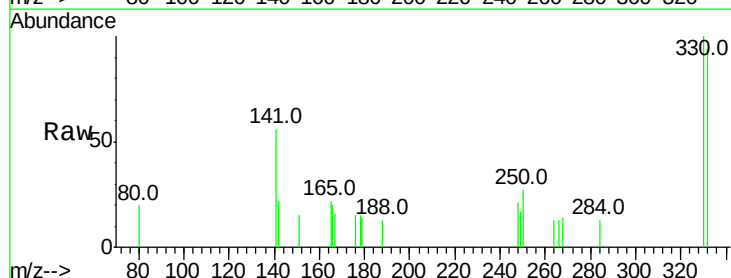
Tgt Ion:330 Resp: 601

Ion Ratio Lower Upper

330 100

332 96.3 152.7 229.1#

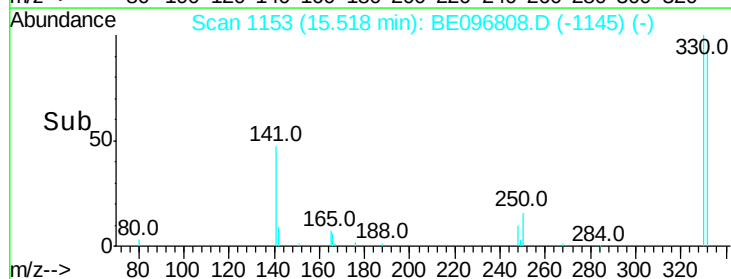
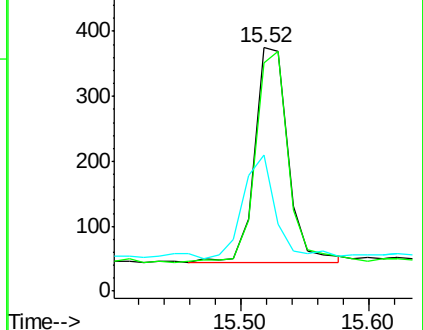
141 46.9 33.7 50.5

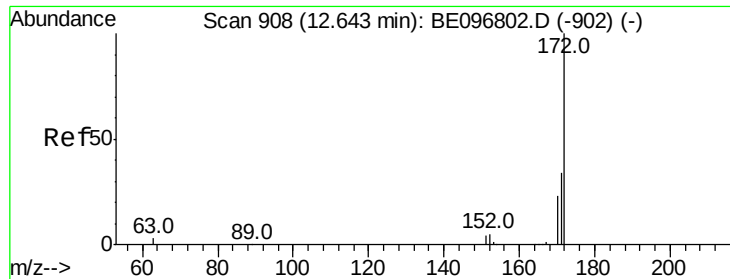


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

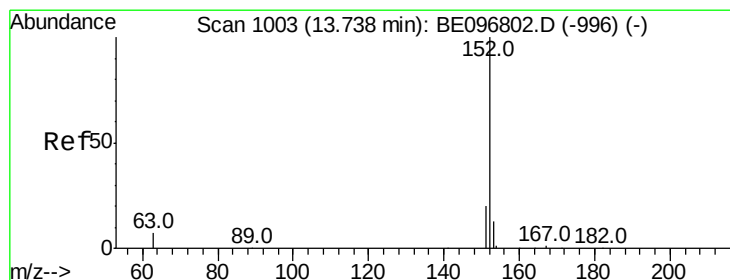
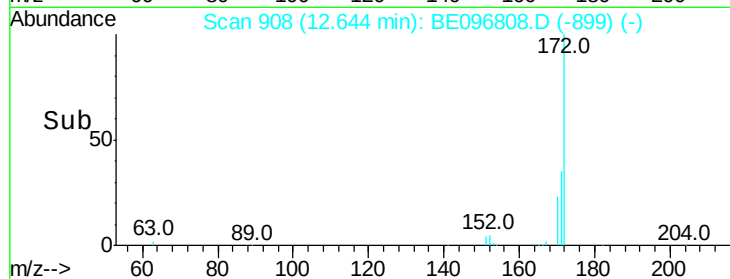
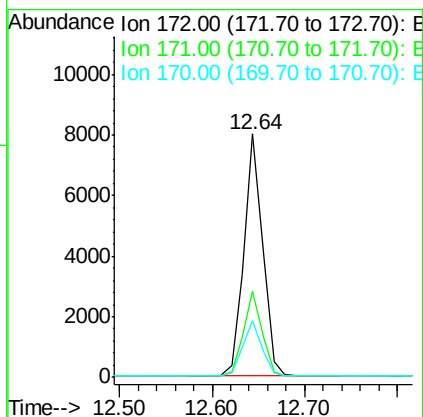
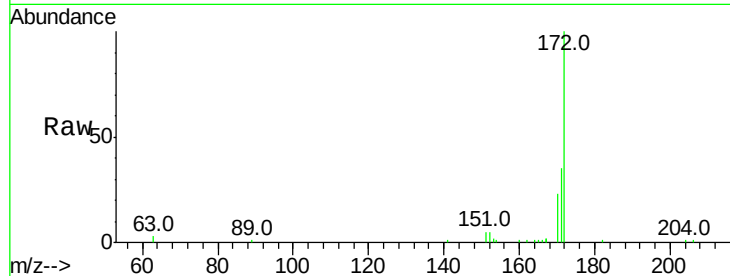




#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE096808.D
Acq: 18 Jun 2018 14:52

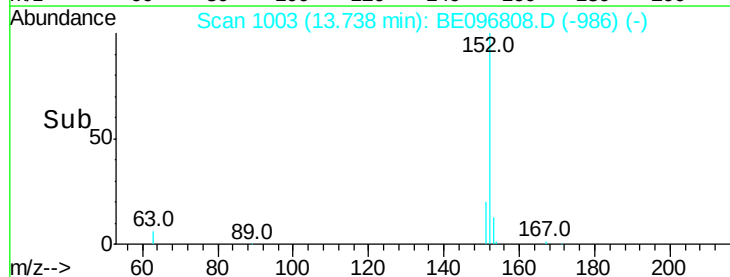
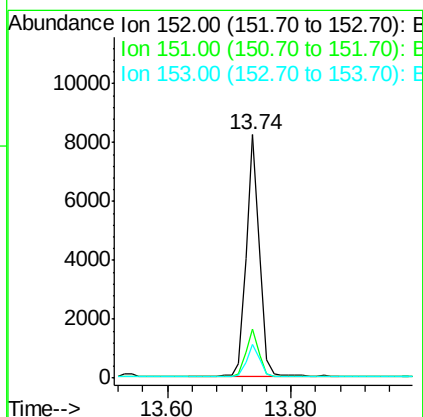
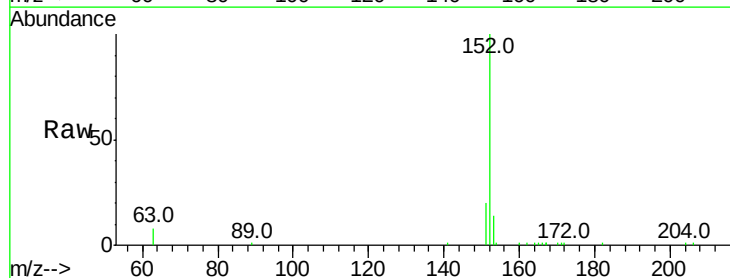
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

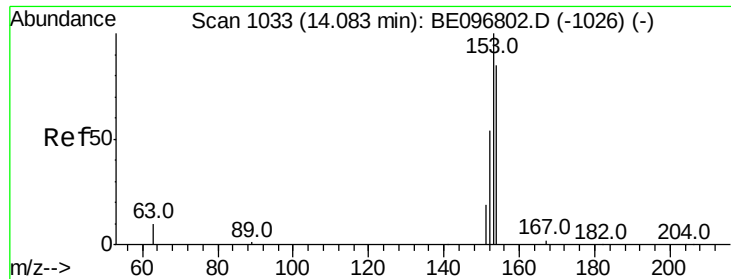
Tot Ion:172 Resp: 11175
Ion Ratio Lower Upper
172 100
171 35.4 29.9 44.9
170 23.3 21.8 32.8



#16
Acenaphthylene
Concen: 0.349 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE096808.D
Acq: 18 Jun 2018 14:52

Tgt Ion:152 Resp: 12207
Ion Ratio Lower Upper
152 100
151 19.2 15.7 23.5
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.362 ng

RT: 14.08 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

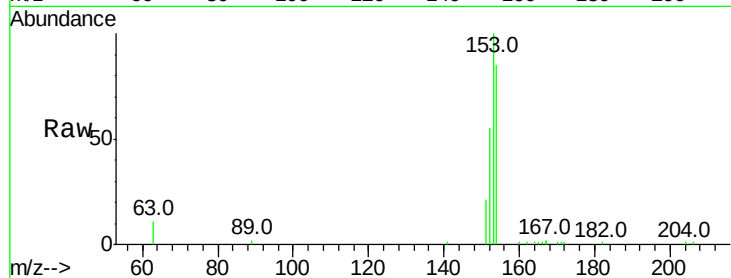
Tot Ion:154 Resp: 8495

Ion Ratio Lower Upper

154 100

153 114.2 89.2 133.8

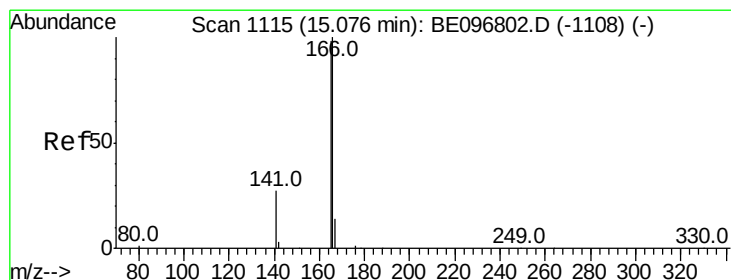
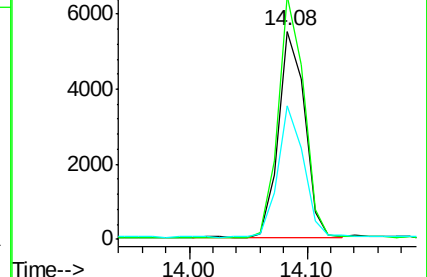
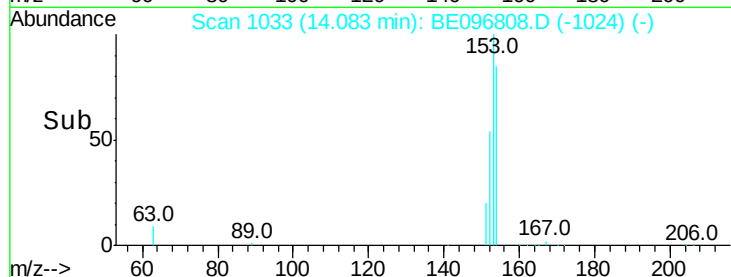
152 62.7 42.0 63.0



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: 0.362 ng

RT: 15.07 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

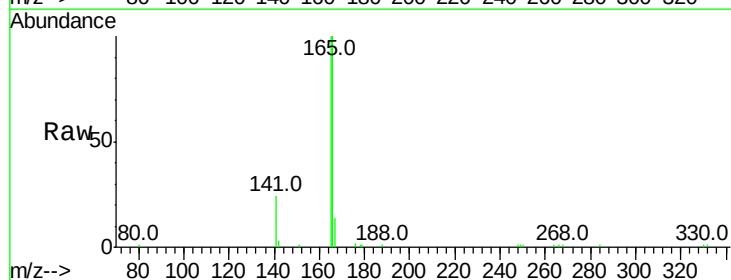
Tgt Ion:166 Resp: 10058

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.6

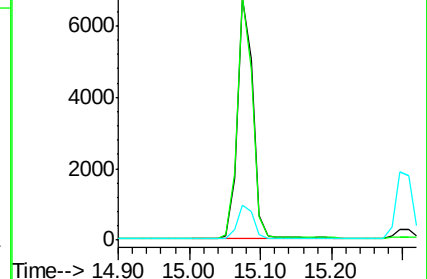
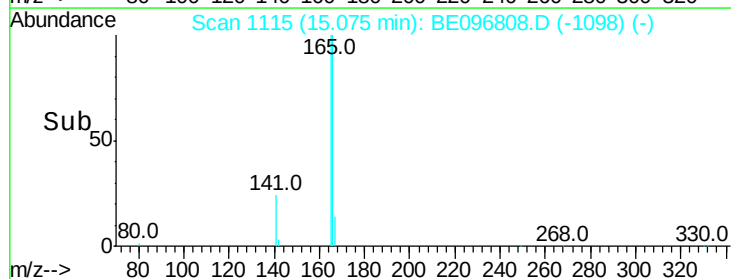
167 14.4 42.4 63.6#

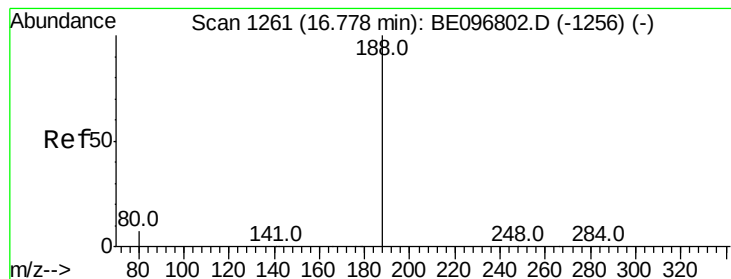


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.78 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

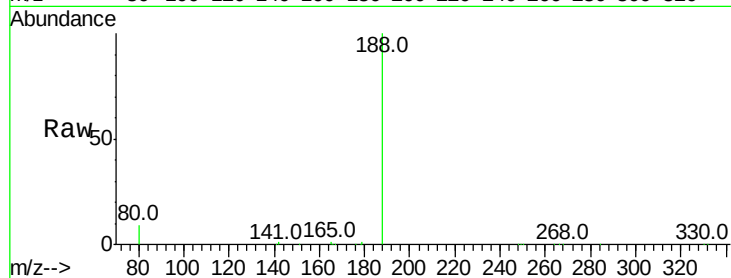
Tot Ion:188 Resp: 20626

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

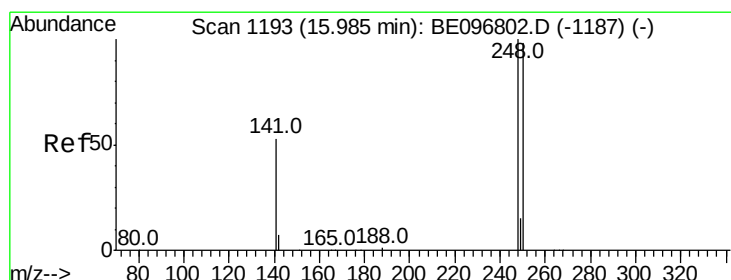
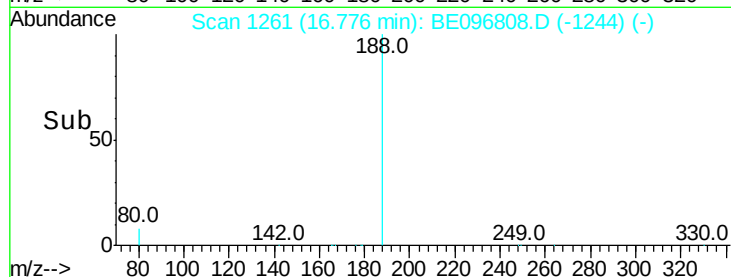
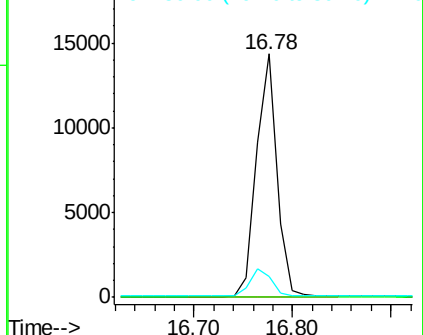
80 8.7 3.6 5.4#



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: 0.359 ng

RT: 15.98 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

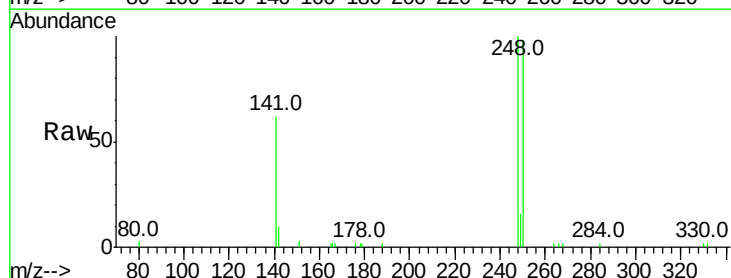
Tgt Ion:248 Resp: 3609

Ion Ratio Lower Upper

248 100

250 97.7 62.7 94.1#

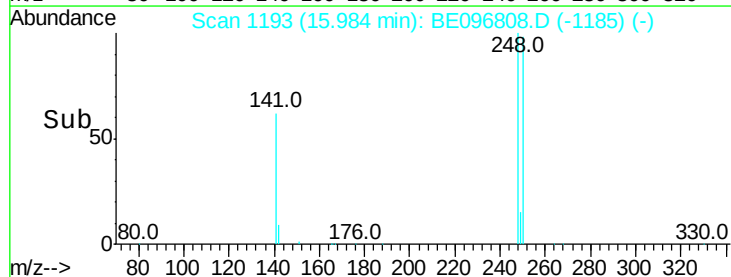
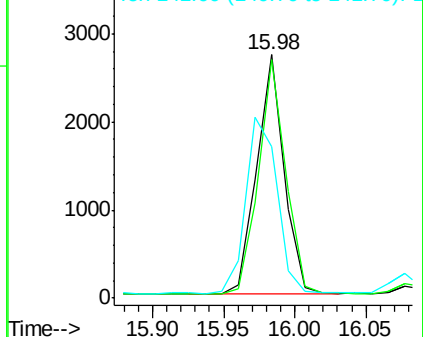
141 62.5 48.2 72.2

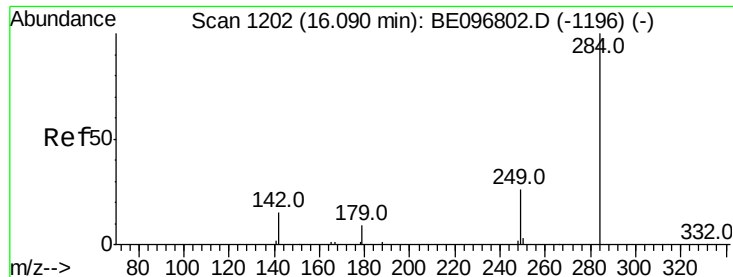


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.363 ng

RT: 16.09 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

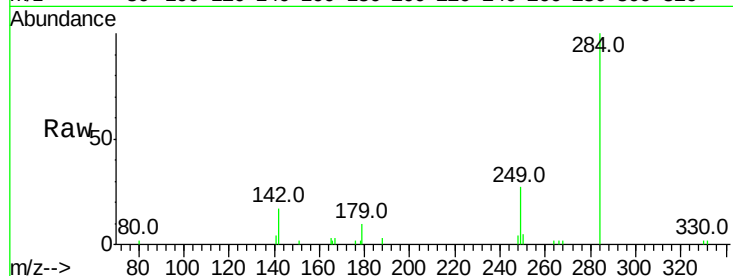
Tot Ion:284 Resp: 4287

Ion Ratio Lower Upper

284 100

142 41.5 22.1 33.1#

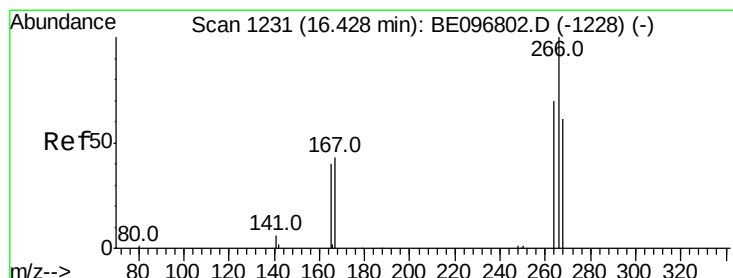
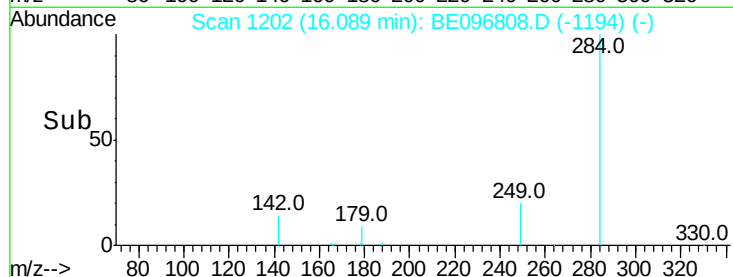
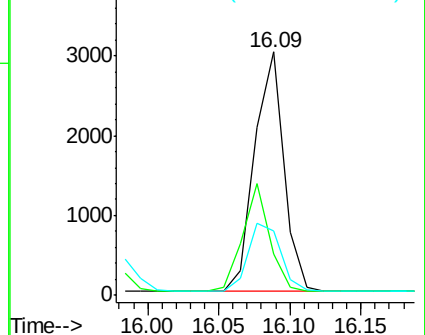
249 31.7 34.8 52.2#



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: 0.373 ng

RT: 16.43 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

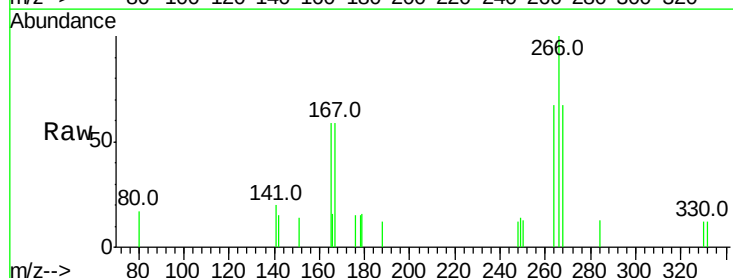
Tgt Ion:266 Resp: 687

Ion Ratio Lower Upper

266 100

264 66.6 72.5 108.7#

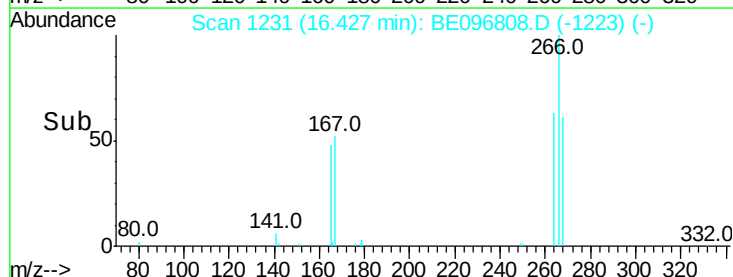
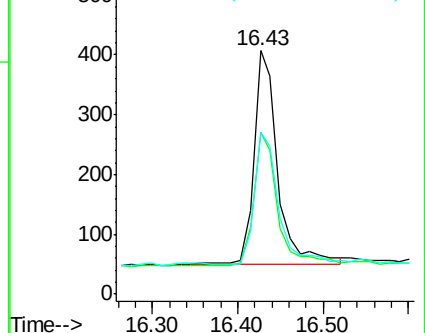
268 66.6 73.8 110.6#

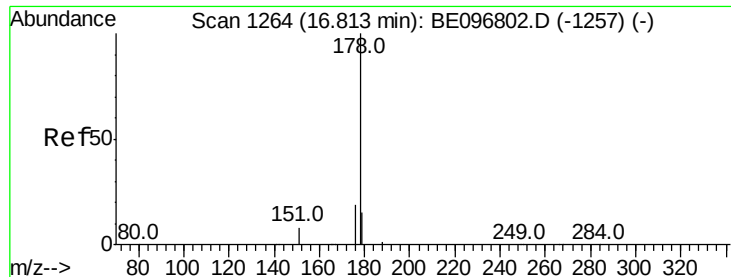


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.360 ng

RT: 16.81 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

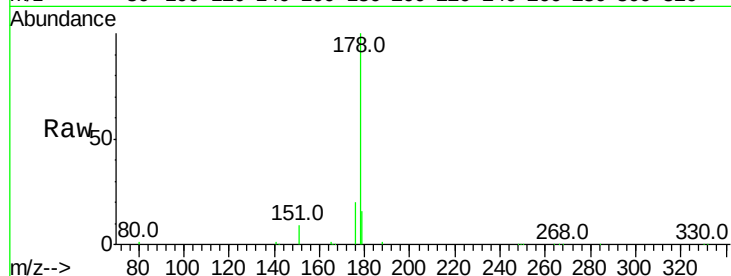
Tot Ion:178 Resp: 20196

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

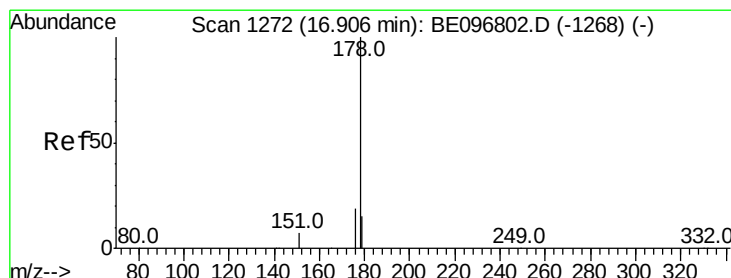
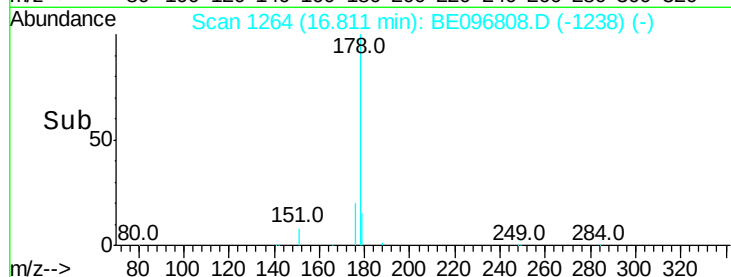
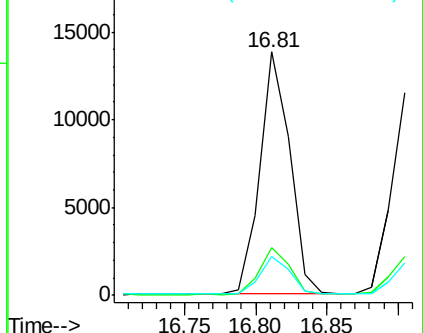
179 15.7 11.8 17.6



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: 0.352 ng

RT: 16.90 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

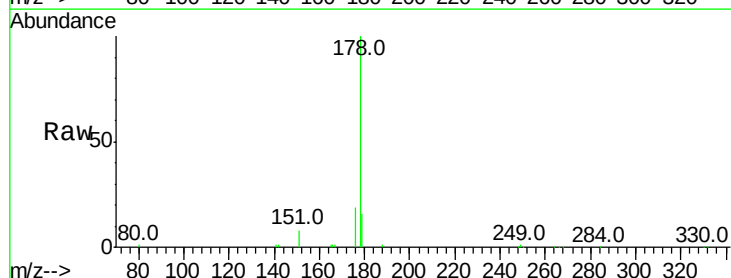
Tgt Ion:178 Resp: 16216

Ion Ratio Lower Upper

178 100

176 18.8 12.8 19.2

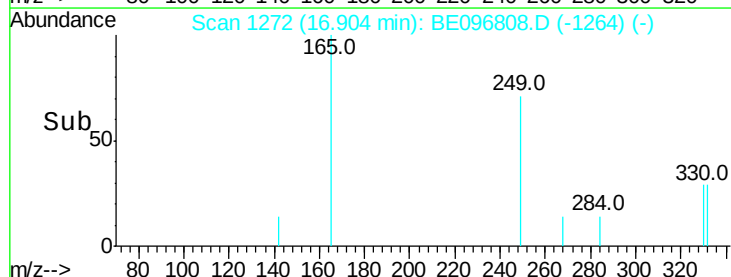
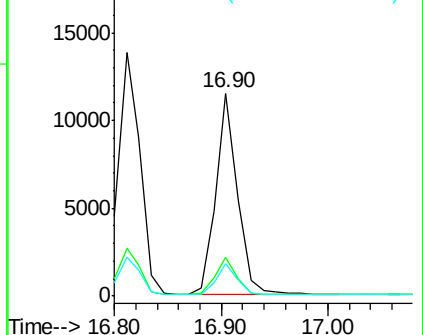
179 15.2 13.0 19.6

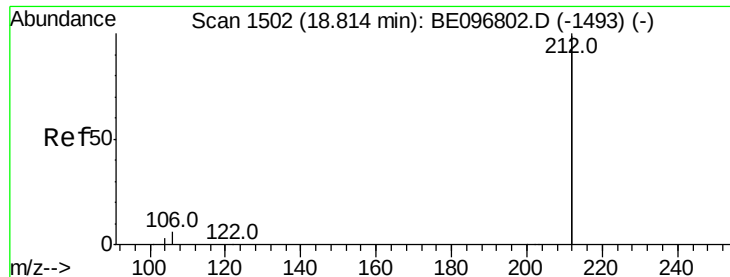


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.354 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

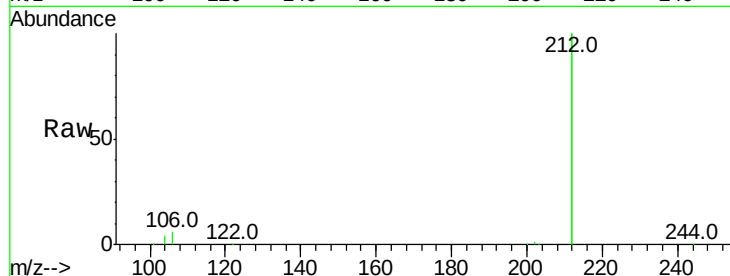
Tot Ion:212 Resp: 71530

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

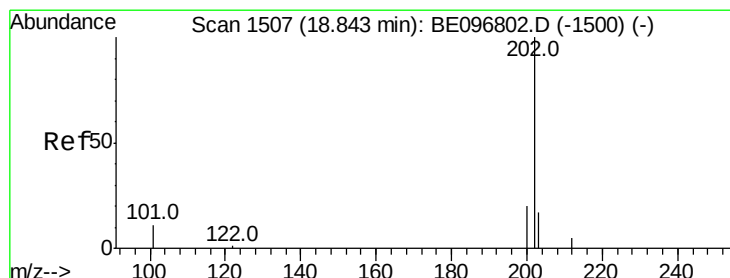
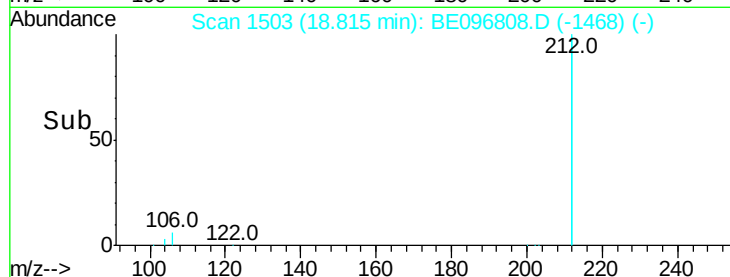
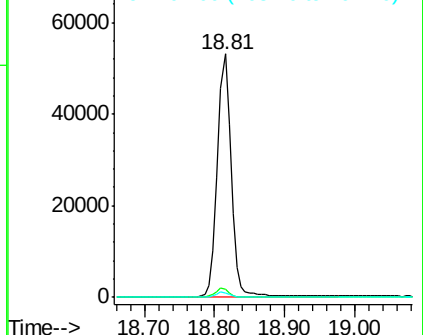
104 2.0 1.6 2.4



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: 0.357 ng

RT: 18.84 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

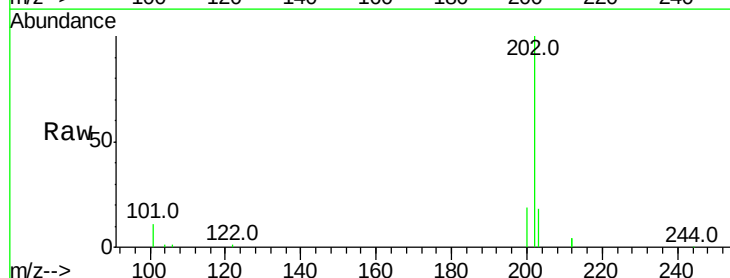
Tgt Ion:202 Resp: 21163

Ion Ratio Lower Upper

202 100

101 11.3 9.8 14.8

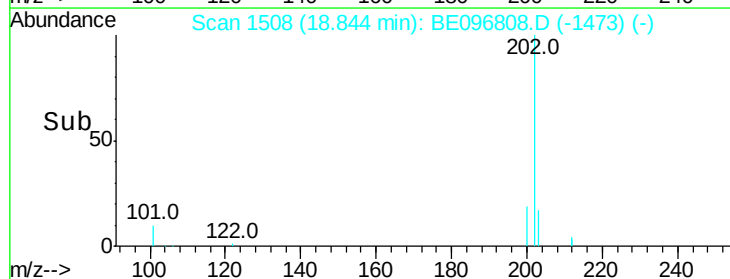
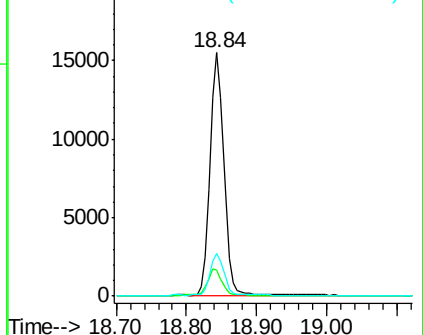
203 17.2 13.7 20.5

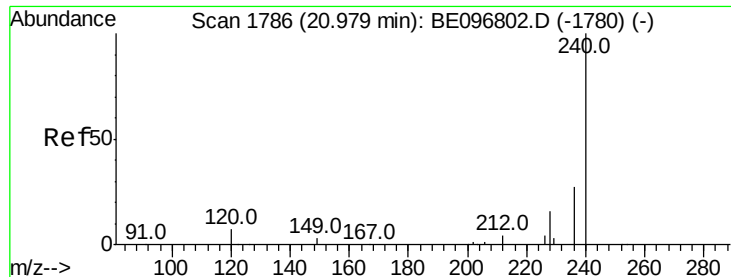


Abundance Ion 202.00 (201.70 to 202.70): E

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: 20.98 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

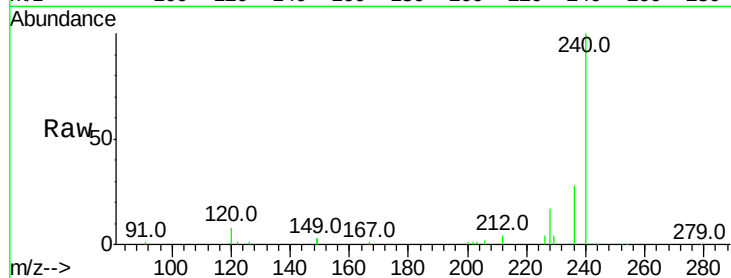
Tot Ion:240 Resp: 16804

Ion Ratio Lower Upper

240 100

120 7.6 5.5 8.3

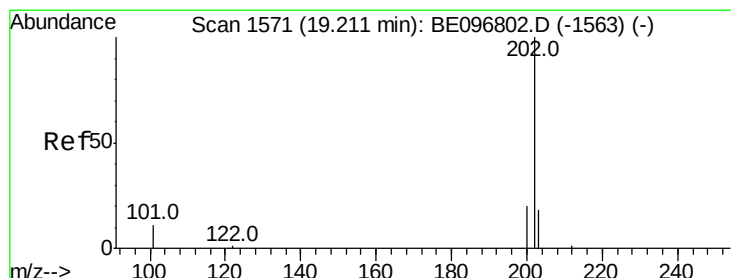
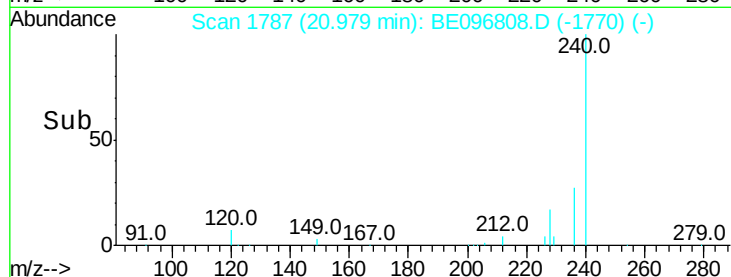
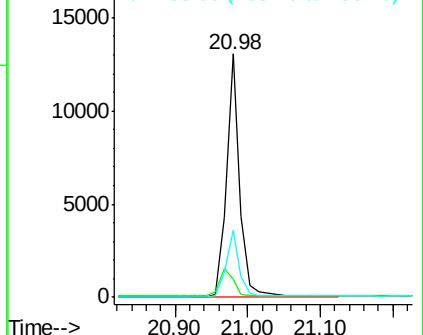
236 27.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.367 ng

RT: 19.21 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

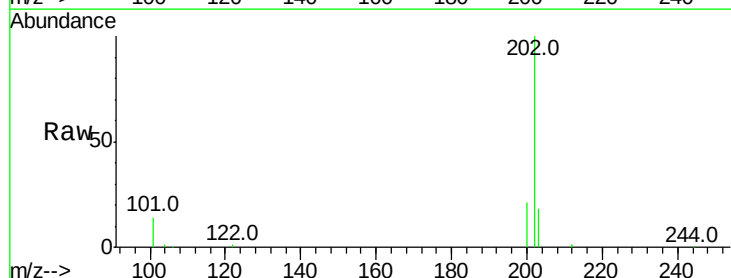
Tgt Ion:202 Resp: 20236

Ion Ratio Lower Upper

202 100

200 20.0 16.6 25.0

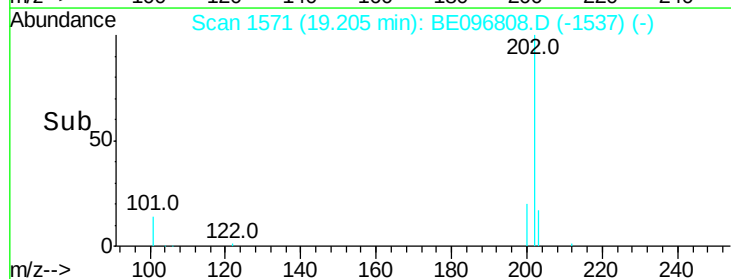
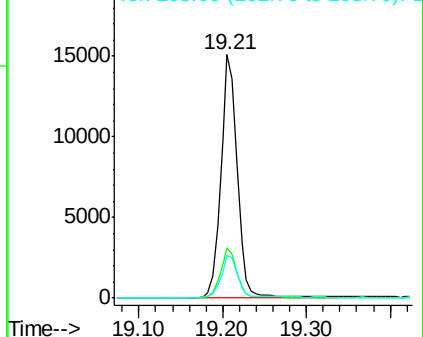
203 17.3 13.8 20.8

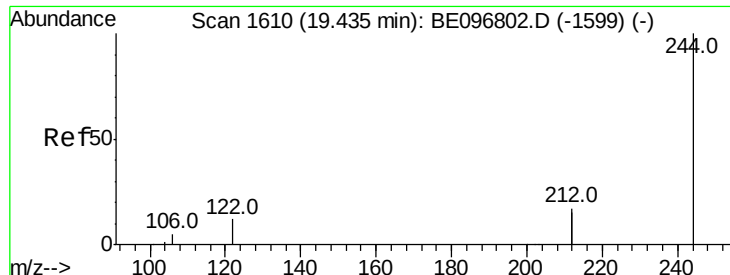


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.380 ng

RT: 19.44 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

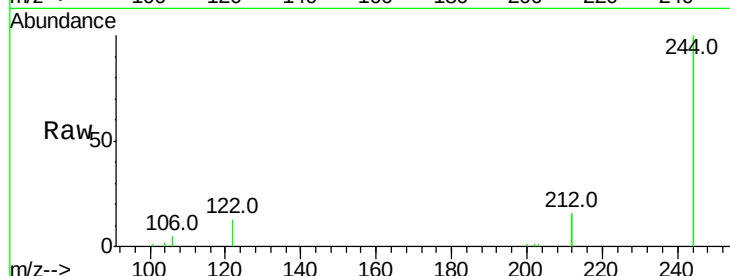
Tot Ion:244 Resp: 14457

Ion Ratio Lower Upper

244 100

212 32.9 25.4 38.0

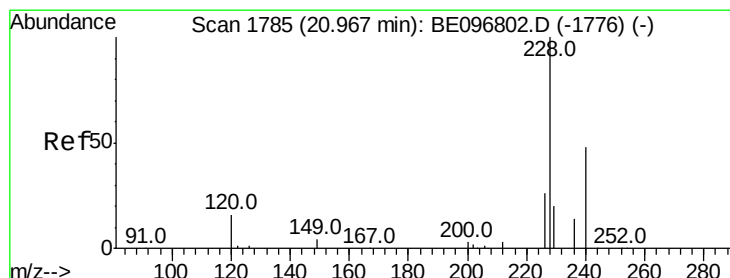
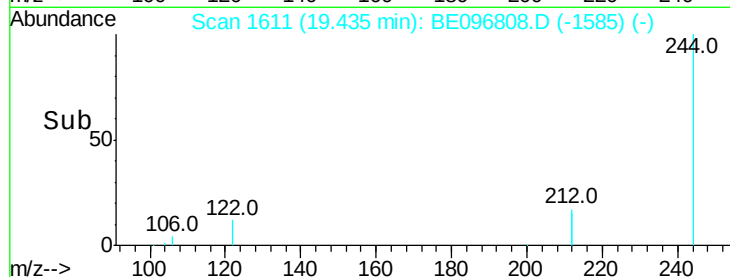
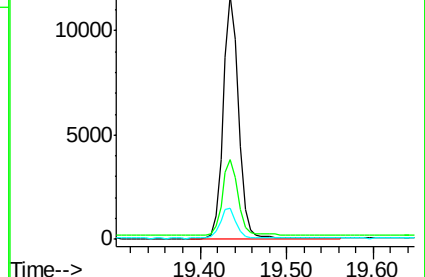
122 12.6 8.1 12.1#



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: 0.354 ng

RT: 20.97 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

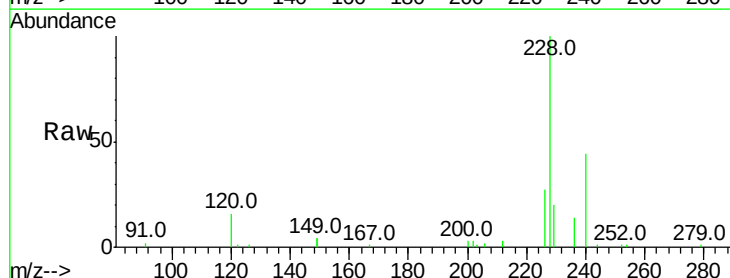
Tgt Ion:228 Resp: 14425

Ion Ratio Lower Upper

228 100

226 26.5 24.0 36.0

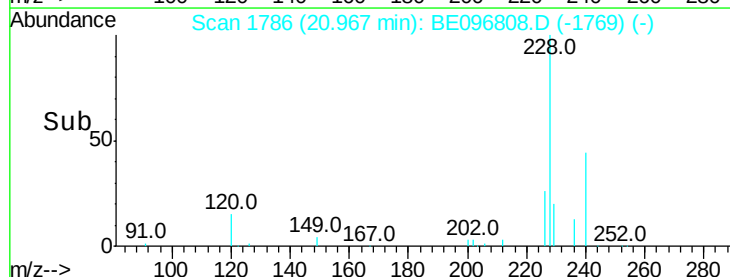
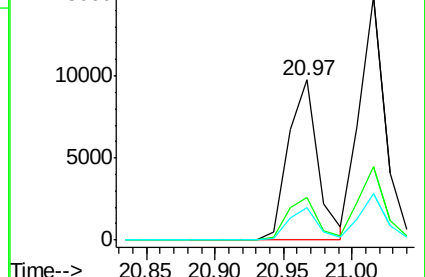
229 20.2 16.0 24.0

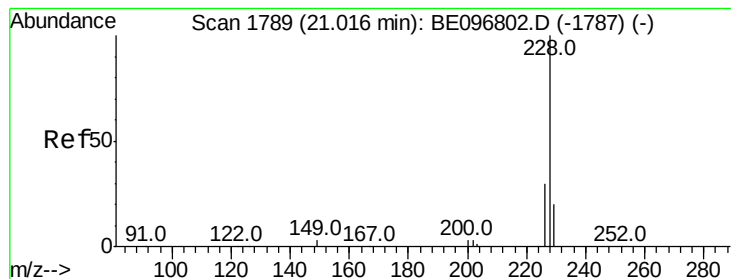


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.374 ng

RT: 21.02 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

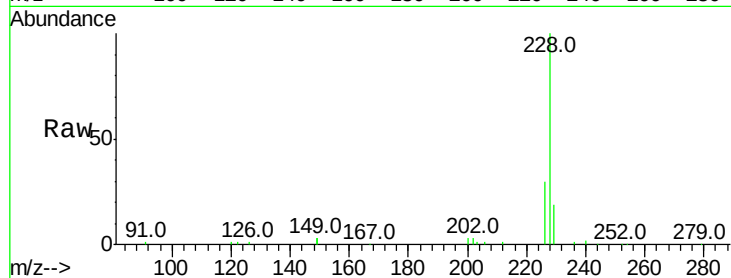
Tot Ion:228 Resp: 19192

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	19.3	16.0	24.0

228 100

226 29.9 24.0 36.0

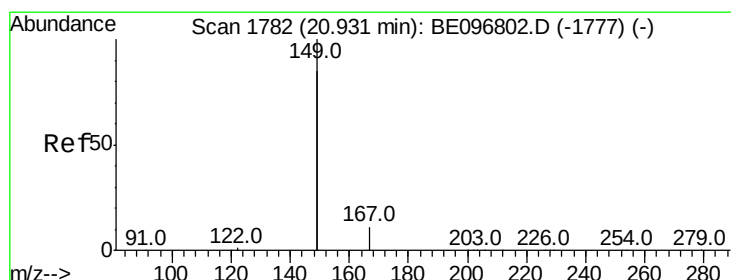
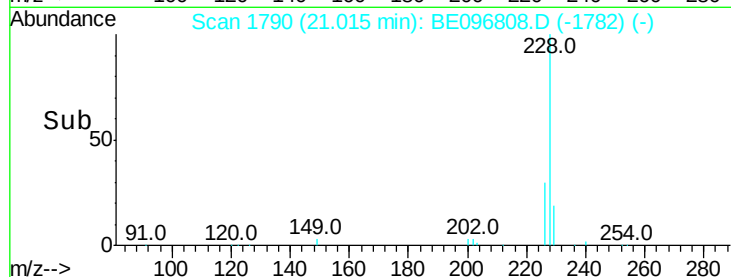
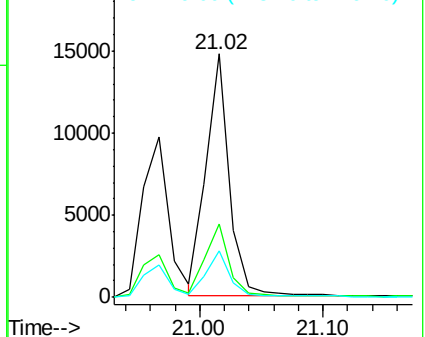
229 19.3 16.0 24.0



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: 0.376 ng

RT: 20.93 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

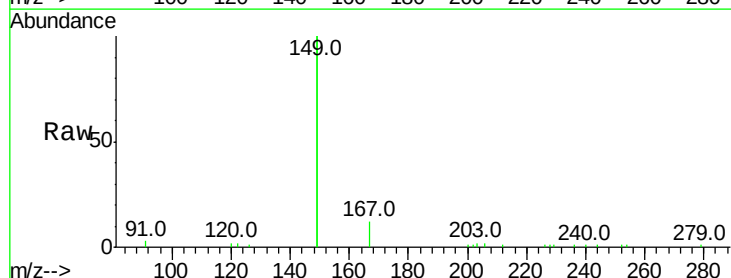
Tgt Ion:149 Resp: 11497

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	0.9	0.7	1.1

149 100

167 6.4 5.4 8.0

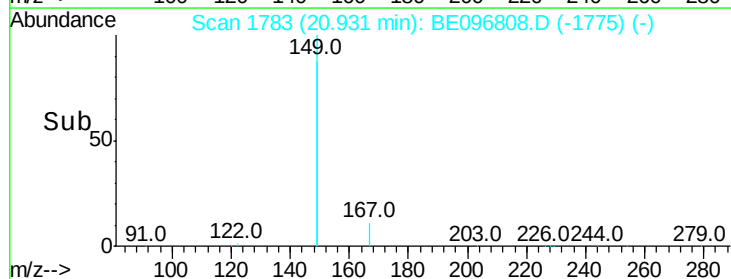
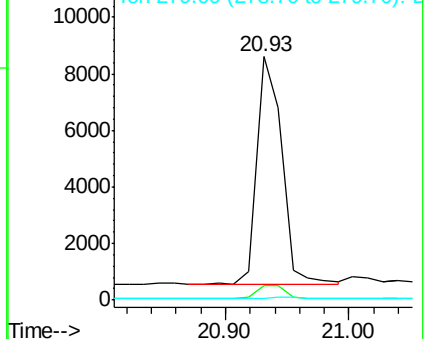
279 0.9 0.7 1.1

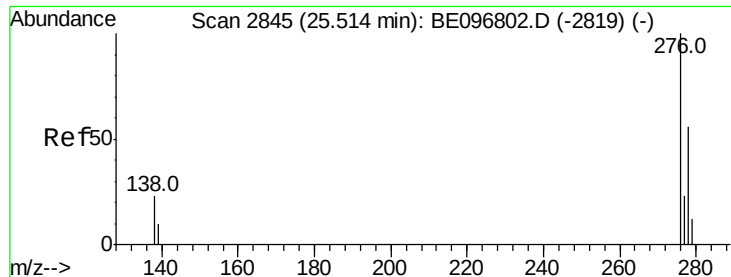


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.337 ng

RT: 25.51 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

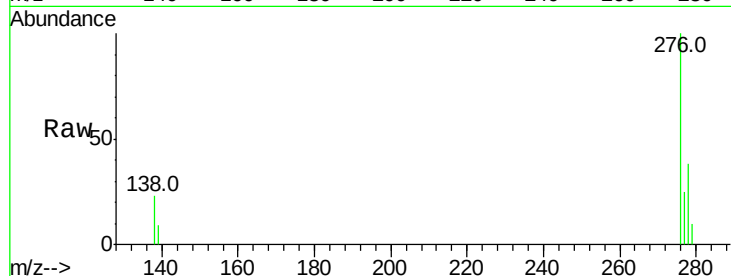
Tot Ion:276 Resp: 12968

Ion Ratio Lower Upper

276 100

138 25.6 22.5 33.7

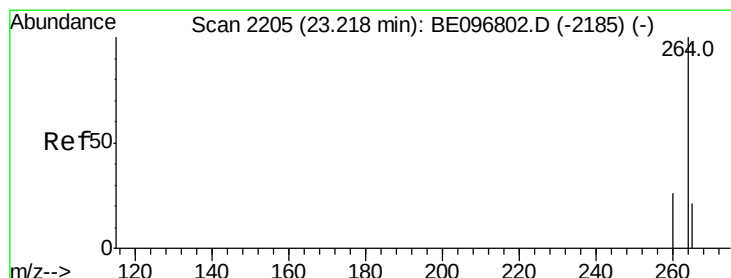
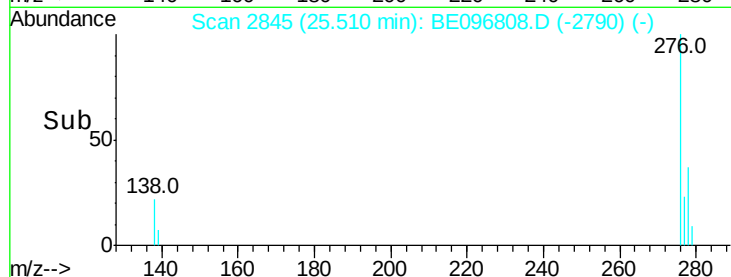
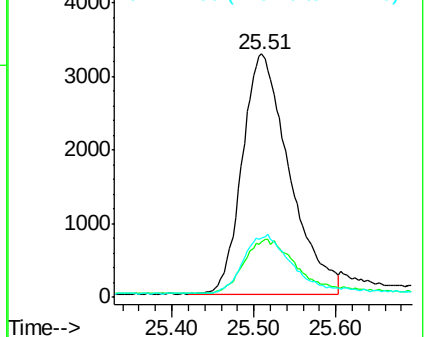
277 25.1 19.9 29.9



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: 23.22 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

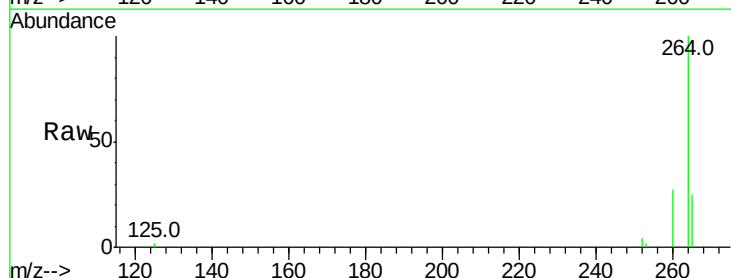
Tgt Ion:264 Resp: 14176

Ion Ratio Lower Upper

264 100

260 26.9 20.5 30.7

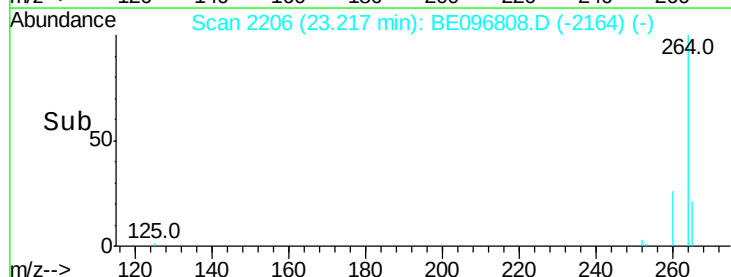
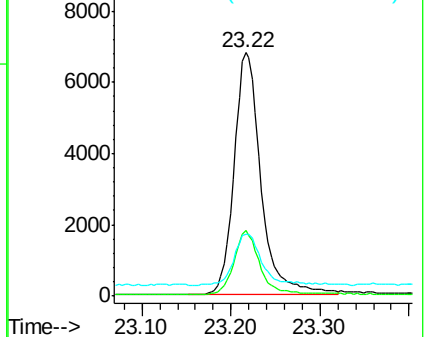
265 25.3 22.8 34.2

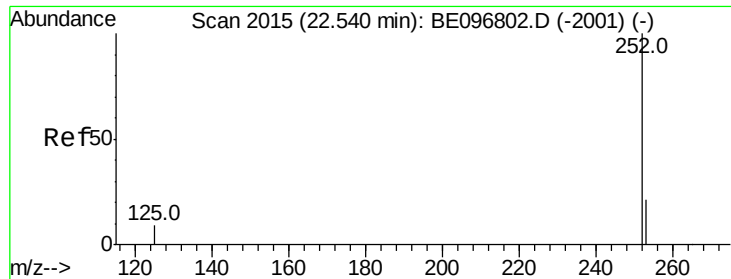


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

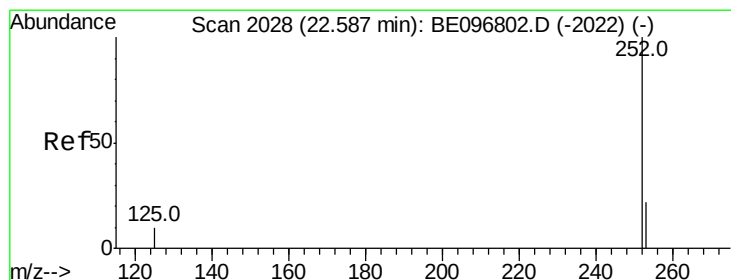
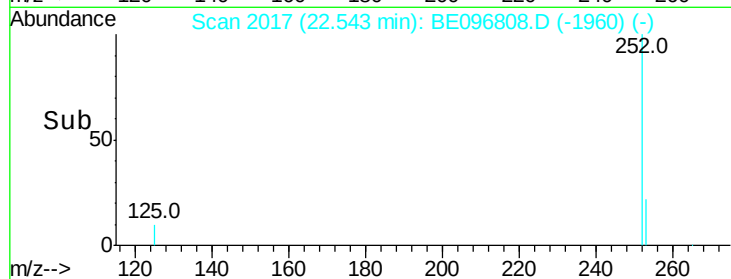
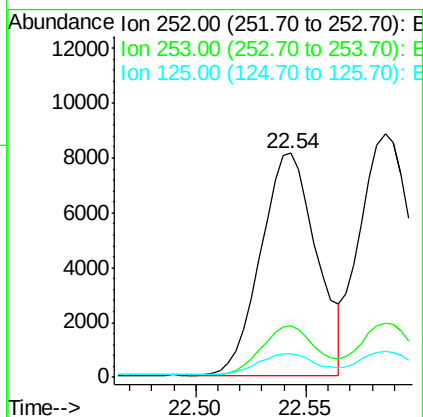
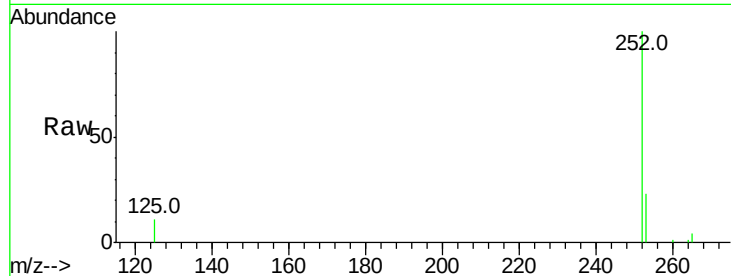




#35
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 22.54 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BE096808.D
Acq: 18 Jun 2018 14:52

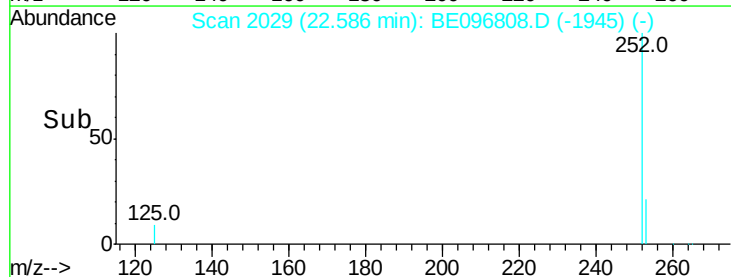
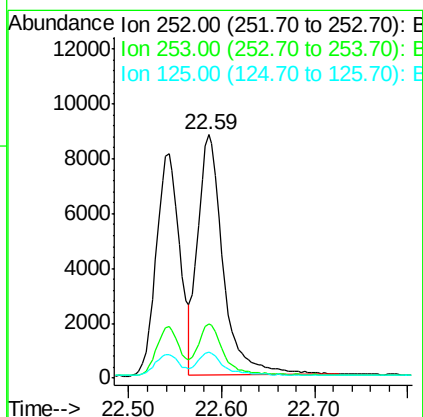
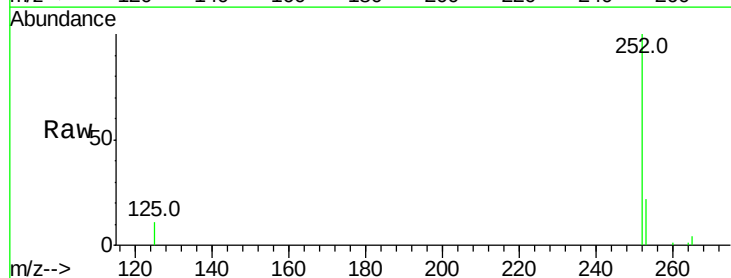
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

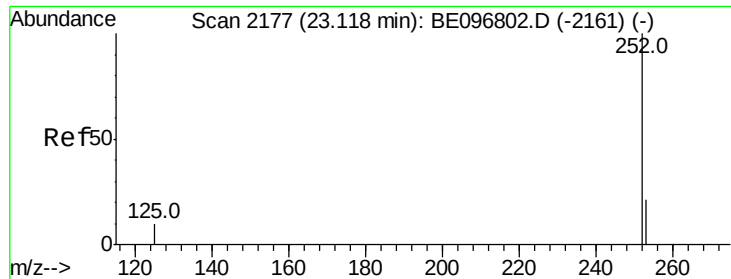
Tot Ion:252 Resp: 14258
Ion Ratio Lower Upper
252 100
253 23.0 20.0 30.0
125 10.7 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.356 ng
RT: 22.59 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BE096808.D
Acq: 18 Jun 2018 14:52

Tgt Ion:252 Resp: 16491
Ion Ratio Lower Upper
252 100
253 22.1 16.0 24.0
125 10.5 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.340 ng

RT: 23.12 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

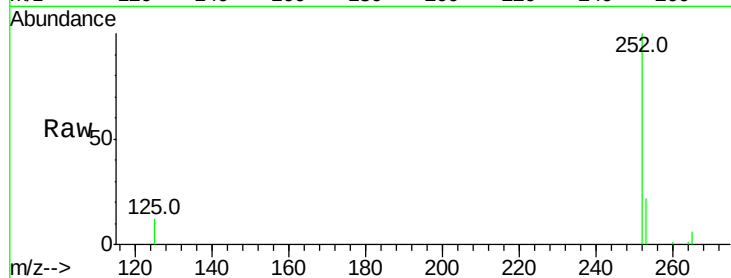
Tot Ion:252 Resp: 11489

Ion Ratio Lower Upper

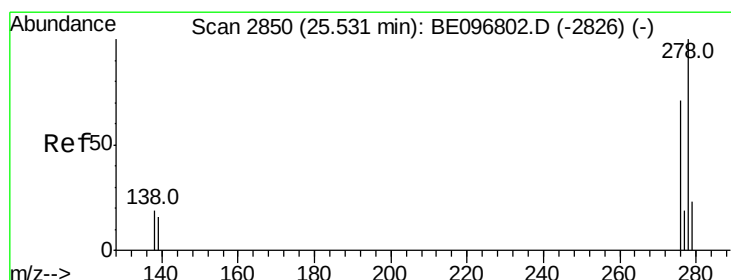
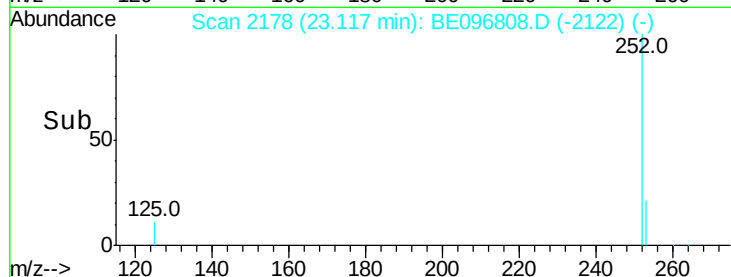
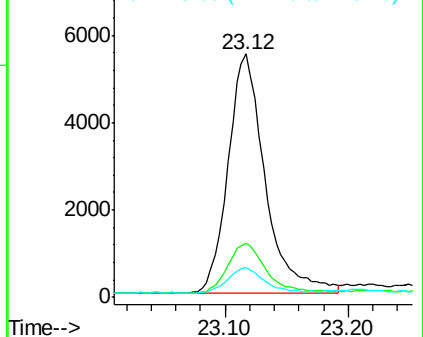
252 100

253 22.4 16.0 24.0

125 12.3 12.0 18.0



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: 0.357 ng

RT: 25.54 min Scan# 2854

Delta R.T. 0.01 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

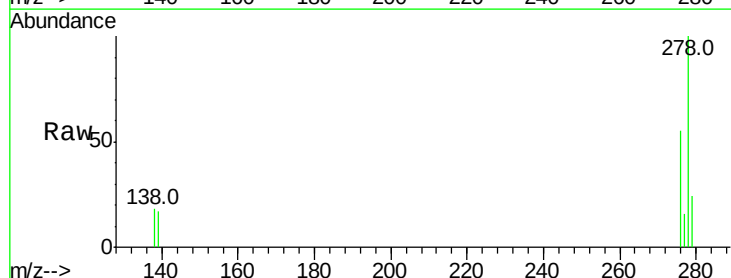
Tgt Ion:278 Resp: 11250

Ion Ratio Lower Upper

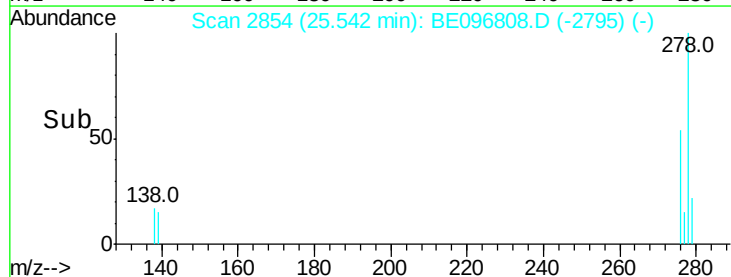
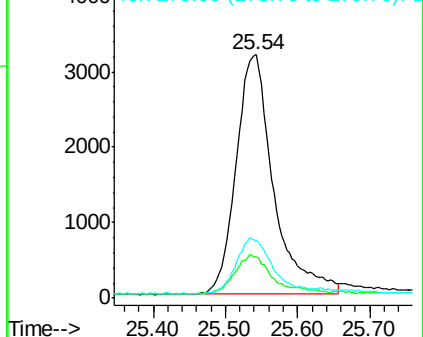
278 100

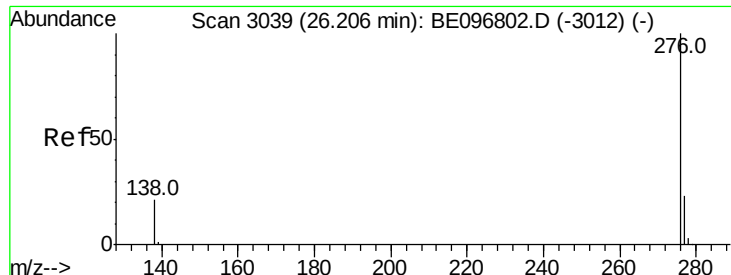
139 16.9 16.0 24.0

279 23.6 20.0 30.0



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: 0.360 ng

RT: 26.21 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BE096808.D

Acq: 18 Jun 2018 14:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

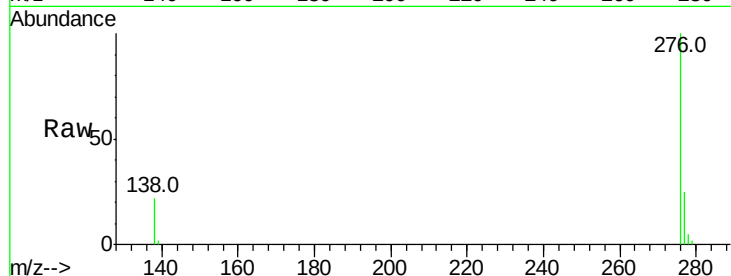
Tot Ion:276 Resp: 12948

Ion Ratio Lower Upper

276 100

277 25.2 16.0 24.0#

138 22.4 20.0 30.0



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

