

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062118\
 Data File : BE096836.D
 Acq On : 21 Jun 2018 9:26
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 22 02:28:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 20 15:45:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2658	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	13190	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	7075	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	19470	0.40	ng	0.00
27) Chrysene-d12	20.98	240	17082	0.40	ng	0.00
34) Perylene-d12	23.21	264	13506	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	2323	0.39	ng	0.00
5) Phenol-d6	6.60	99	3358	0.38	ng	0.00
8) Nitrobenzene-d5	8.53	82	2947	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	7365	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	568	0.39	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	10662	0.41	ng	0.00
25) Fluoranthene-d10	18.82	212	66395	0.39	ng	0.00
29) Terphenyl-d14	19.44	244	12851	0.39	ng	0.00

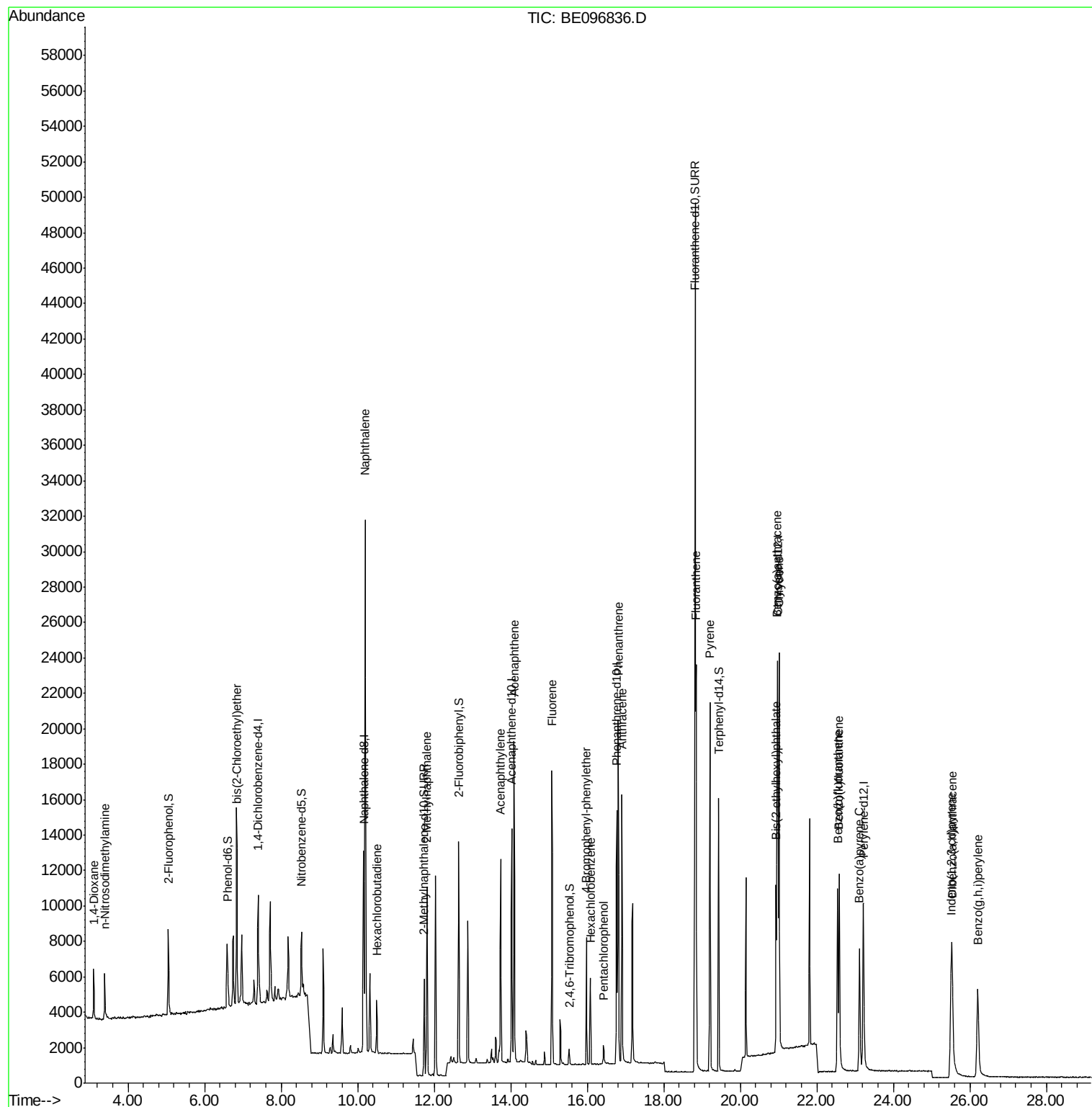
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	1665	0.418	ng	# 89
3) n-Nitrosodimethylamine	3.38	42	1756	0.416	ng	# 86
6) bis(2-Chloroethyl)ether	6.85	93	3764	0.387	ng	98
9) Naphthalene	10.20	128	47091	0.393	ng	99
10) Hexachlorobutadiene	10.50	225	1927	0.387	ng	97
12) 2-Methylnaphthalene	11.81	142	7669	0.386	ng	100
16) Acenaphthylene	13.74	152	12175	0.397	ng	100
17) Acenaphthene	14.08	154	8156	0.402	ng	93
18) Fluorene	15.08	166	9616	0.403	ng	# 80
20) 4-Bromophenyl-phenylether	15.98	248	3448	0.393	ng	# 87
21) Hexachlorobenzene	16.09	284	3946	0.394	ng	# 80
22) Pentachlorophenol	16.43	266	599	0.403	ng	# 73
23) Phenanthrene	16.81	178	18908	0.395	ng	99
24) Anthracene	16.91	178	15216	0.384	ng	95
26) Fluoranthene	18.84	202	19725	0.408	ng	99
28) Pyrene	19.21	202	19101	0.387	ng	99
30) Benzo(a)anthracene	20.97	228	14006	0.370	ng	96
31) Chrysene	21.01	228	18021	0.386	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	11510	0.340	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	12788	0.368	ng	96
35) Benzo(b)fluoranthene	22.54	252	13736	0.373	ng	# 88
36) Benzo(k)fluoranthene	22.59	252	15730	0.388	ng	96
37) Benzo(a)pyrene	23.11	252	11272	0.385	ng	# 93
38) Dibenzo(a,h)anthracene	25.53	278	10506	0.375	ng	97
39) Benzo(g,h,i)perylene	26.21	276	11833	0.362	ng	# 93

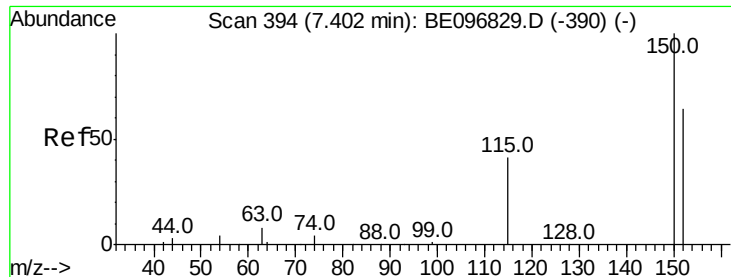
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 394

Delta R.T. 0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

Instrument :

BNA_E

ClientSampleId :

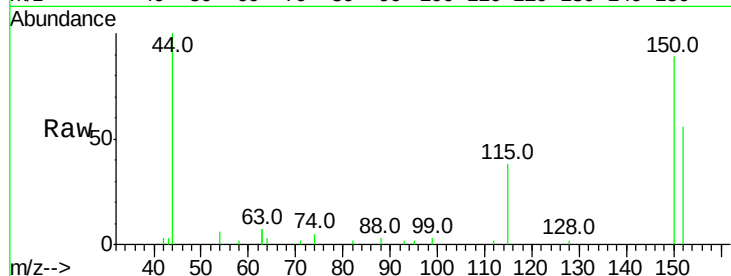
Tot Ion:152 Resp: 2658

Ion Ratio Lower Upper

152 100

150 160.3 117.2 175.8

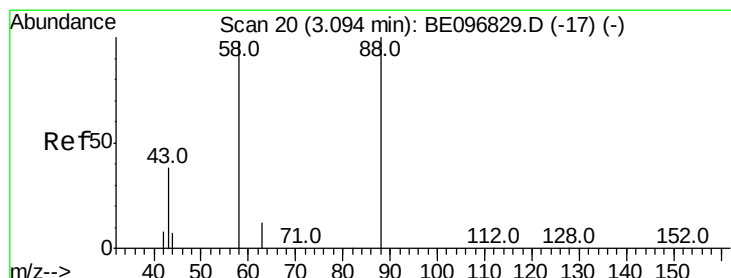
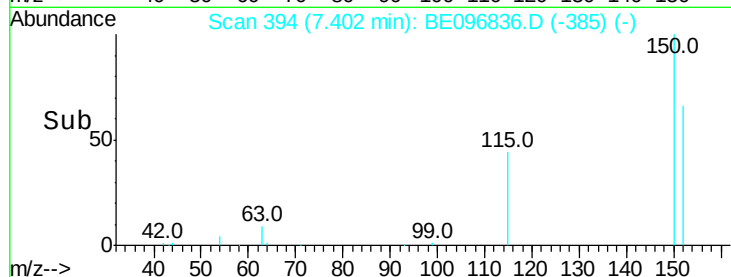
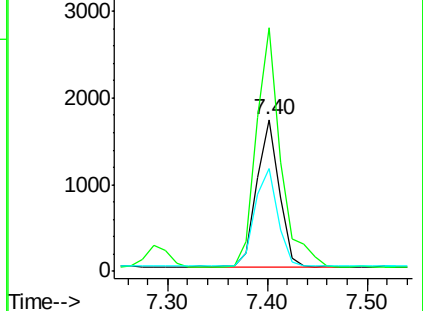
115 68.0 57.0 85.6



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: 0.418 ng

RT: 3.09 min Scan# 20

Delta R.T. 0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

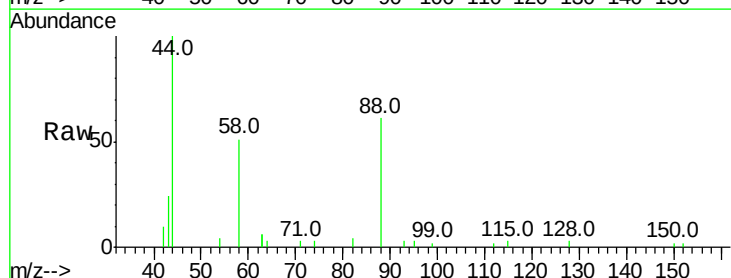
Tgt Ion: 88 Resp: 1665

Ion Ratio Lower Upper

88 100

58 77.8 63.2 94.8

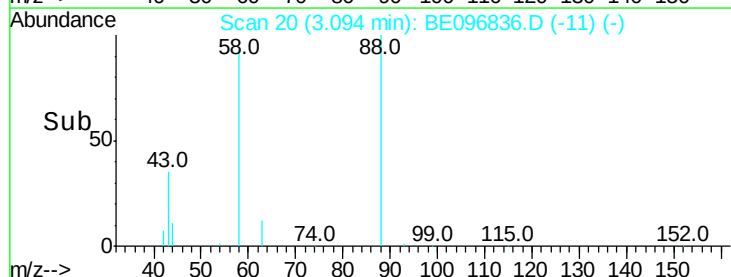
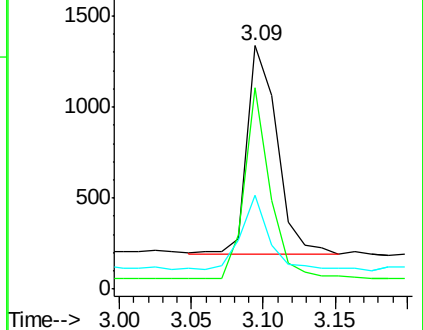
43 32.6 41.2 61.8#

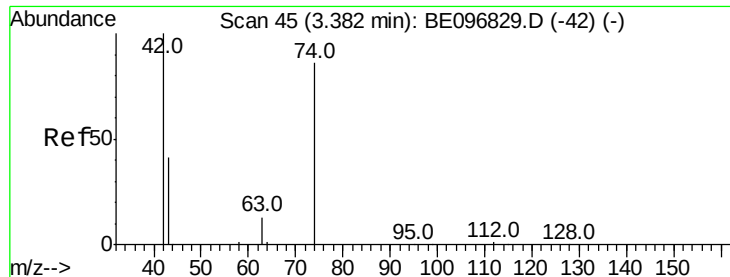


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



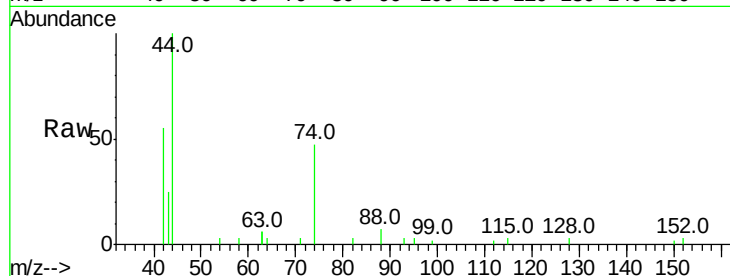


#3

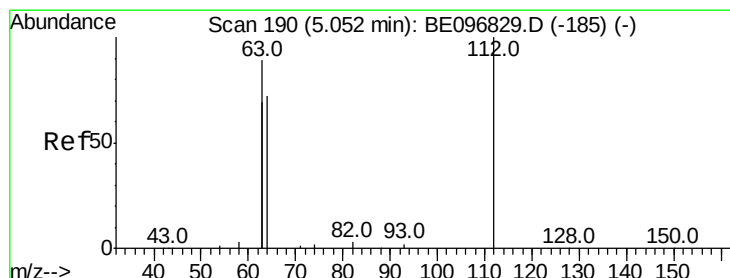
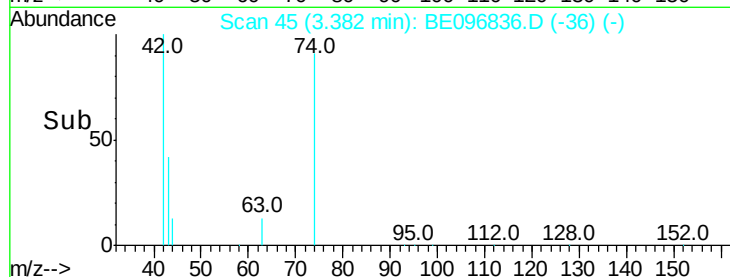
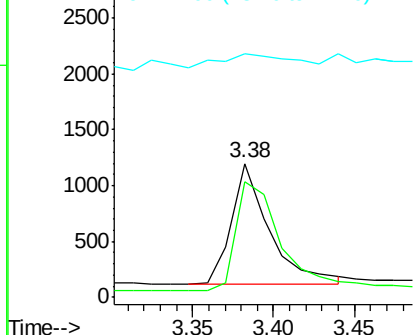
n-Nitrosodimethylamine
 Concen: 0.416 ng
 RT: 3.38 min Scan# 45
 Delta R.T. 0.00 min
 Lab File: BE096836.D
 Acq: 21 Jun 2018 9:26

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	105.0	96.0	144.0
44	21.1	12.0	18.0#



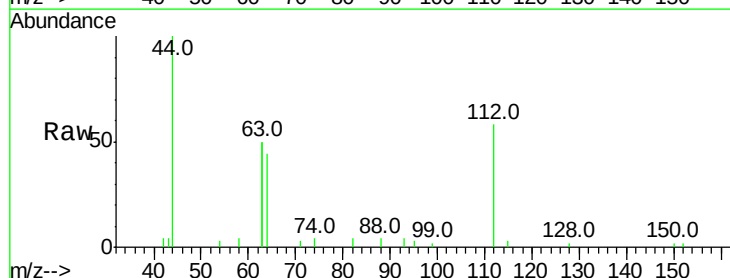
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



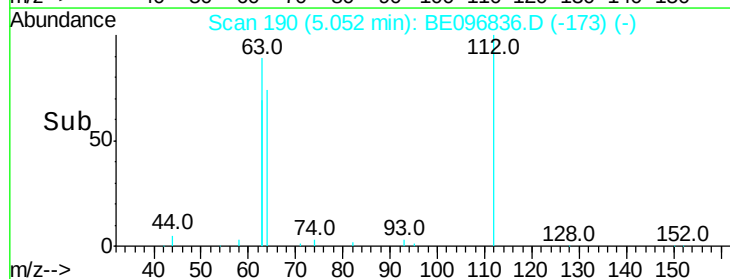
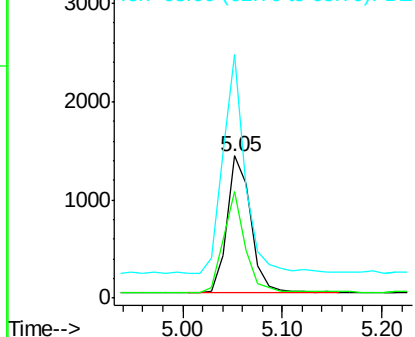
#4

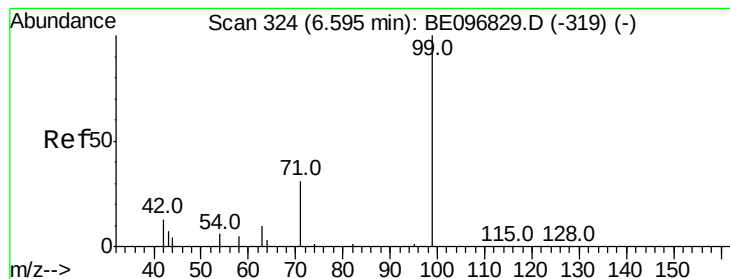
2-Fluorophenol
 Concen: 0.391 ng
 RT: 5.05 min Scan# 190
 Delta R.T. 0.00 min
 Lab File: BE096836.D
 Acq: 21 Jun 2018 9:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	60.1	90.1
63	145.7	116.8	175.2



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





#5

Phenol-d6

Concen: 0.379 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

Instrument :
BNA_E
ClientSampled :

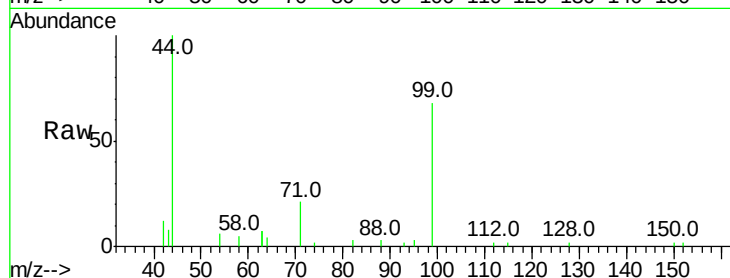
Tot Ion: 99 Resp: 3358

Ion Ratio Lower Upper

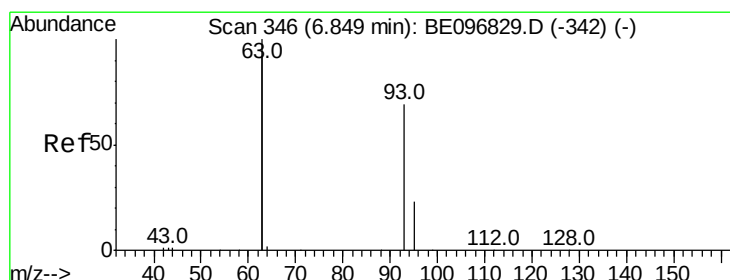
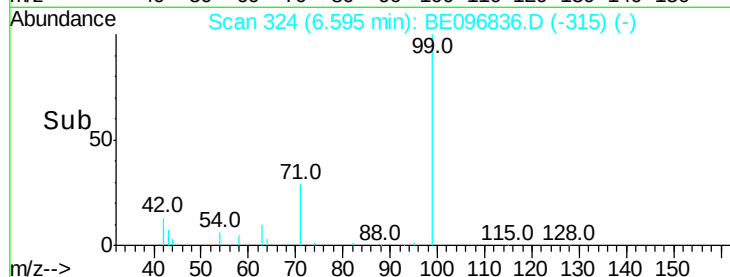
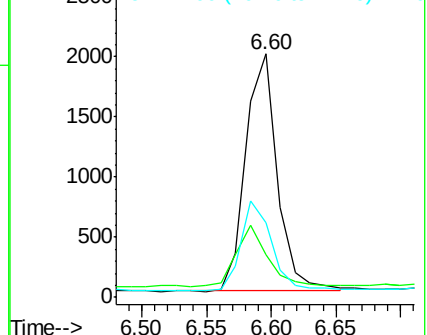
99 100

42 25.8 20.2 30.2

71 36.6 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: 0.387 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

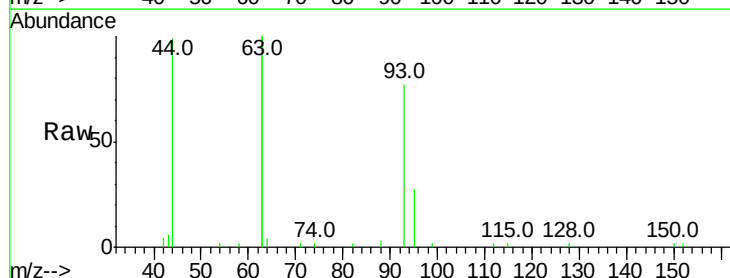
Tgt Ion: 93 Resp: 3764

Ion Ratio Lower Upper

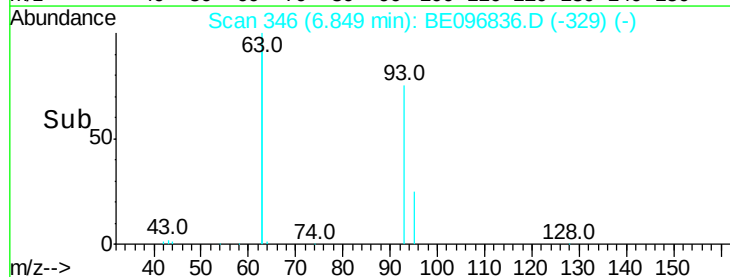
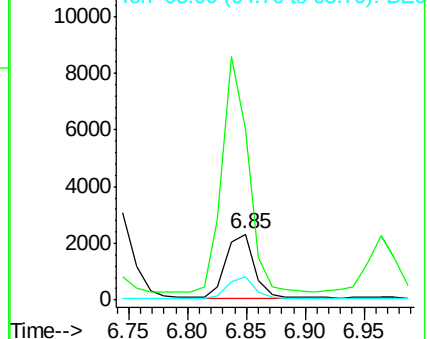
93 100

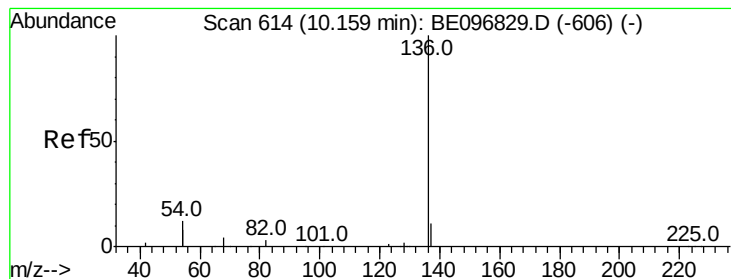
63 340.4 275.3 412.9

95 32.9 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: BE096836.D

Acq: 21 Jun 2018 9:26

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 13190

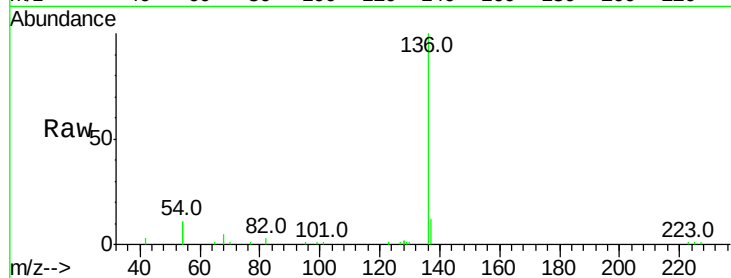
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 22.7 29.1 43.7#

68 4.9 6.2 9.2#

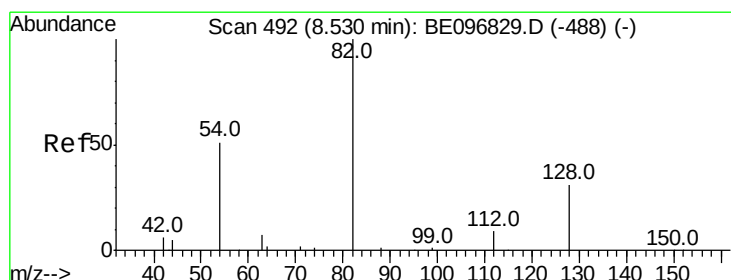
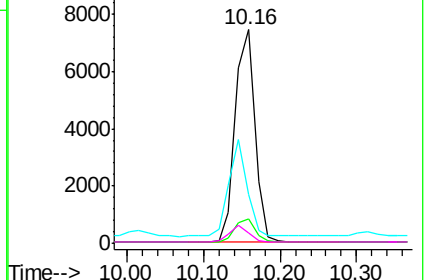
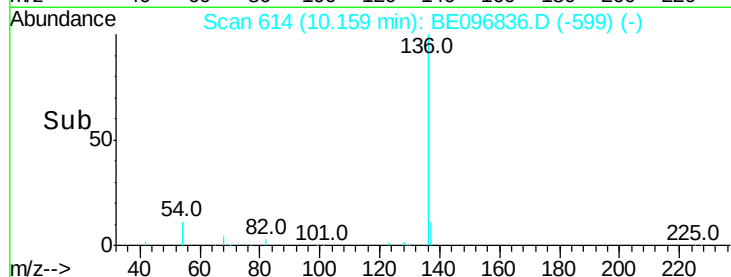


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.369 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

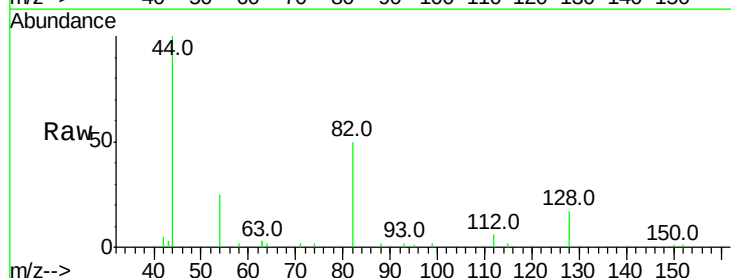
Tgt Ion: 82 Resp: 2947

Ion Ratio Lower Upper

82 100

128 33.2 24.0 36.0

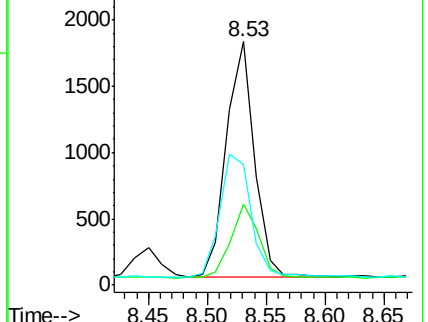
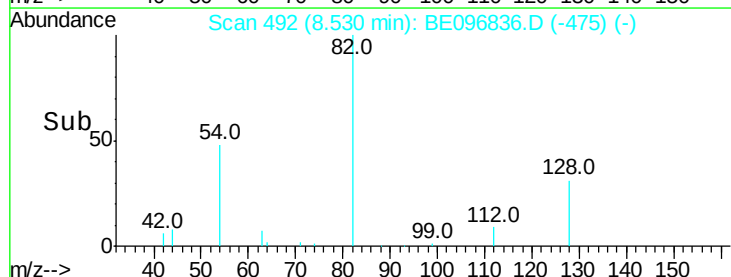
54 49.5 40.0 60.0

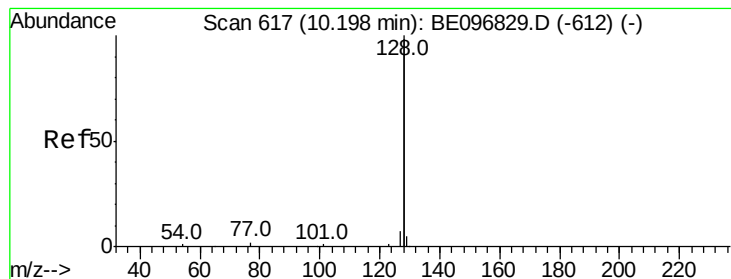


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.393 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

Instrument :

BNA_E

ClientSampleId :

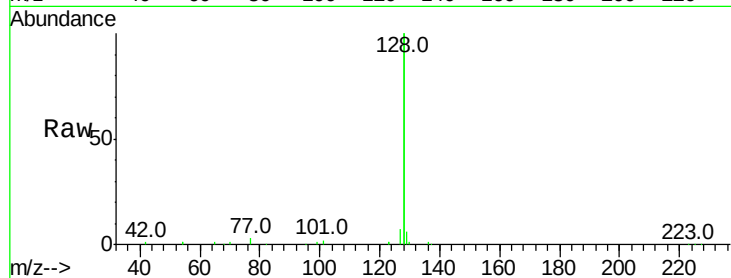
Tot Ion:128 Resp: 47091

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

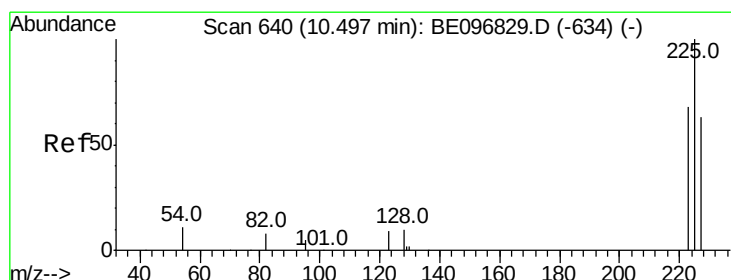
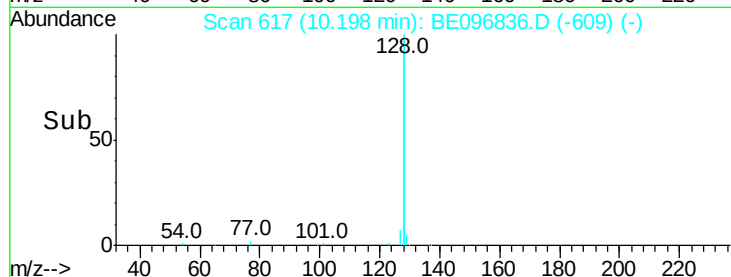
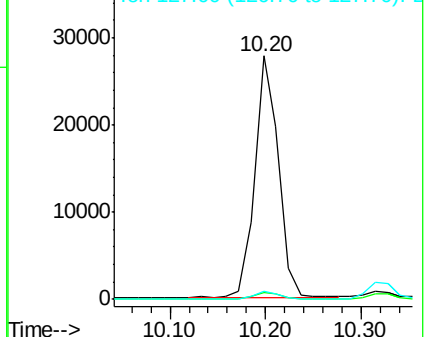
127 3.5 2.8 4.2



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: 0.387 ng

RT: 10.50 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

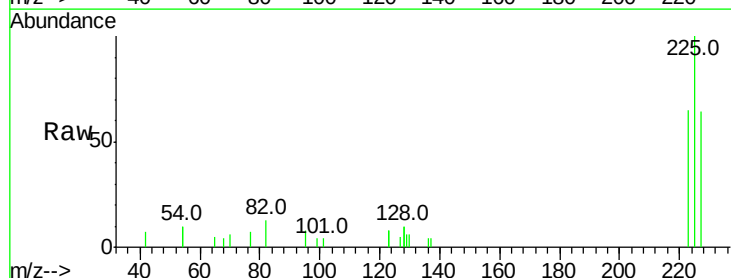
Tgt Ion:225 Resp: 1927

Ion Ratio Lower Upper

225 100

223 61.7 53.0 79.6

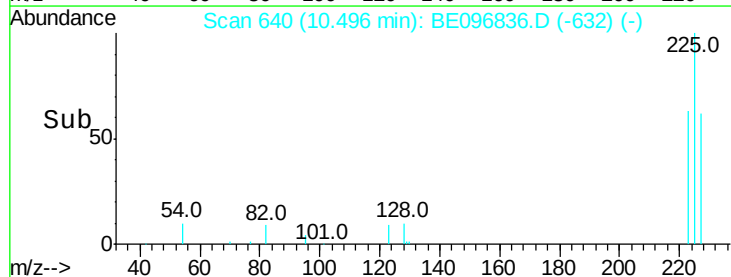
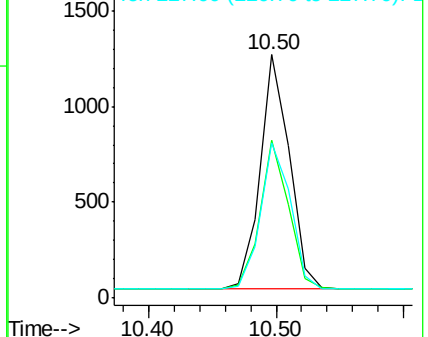
227 64.5 51.4 77.2

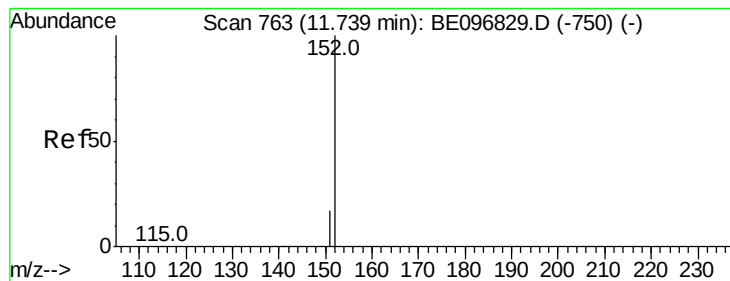


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.388 ng

RT: 11.74 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

Instrument :

BNA_E

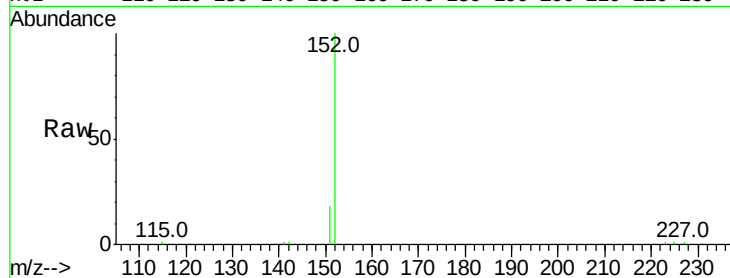
ClientSampleId :

Tot Ion:152 Resp: 7365

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.74

5000

4000

3000

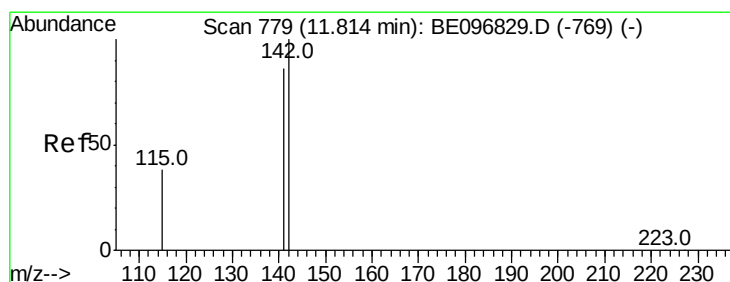
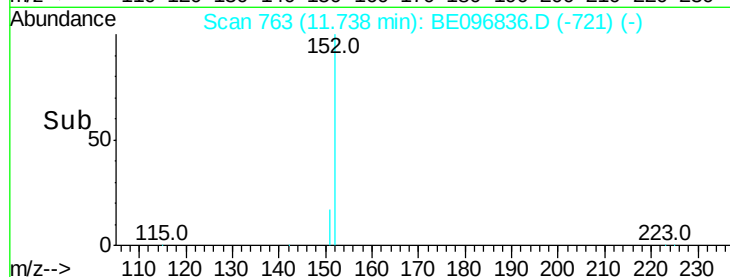
2000

1000

0

Time-->

11.70 11.80



#12

2-Methylnaphthalene

Concen: 0.386 ng

RT: 11.81 min Scan# 778

Delta R.T. -0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

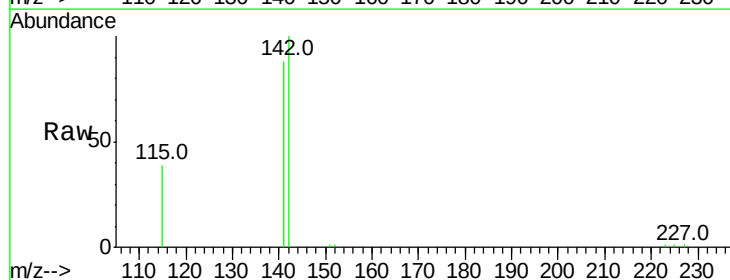
Tgt Ion:142 Resp: 7669

Ion Ratio Lower Upper

142 100

141 88.1 70.4 105.6

115 39.4 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

6000

5000

4000

3000

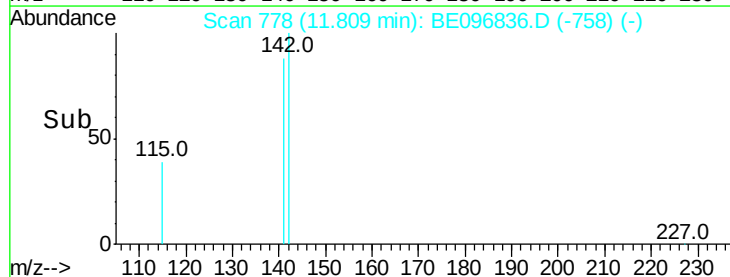
2000

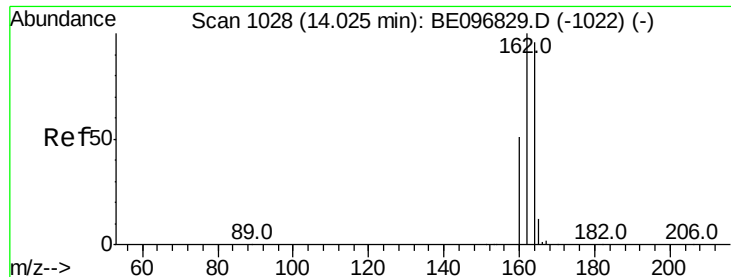
1000

0

Time-->

11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

Instrument :

BNA_E

ClientSampleId :

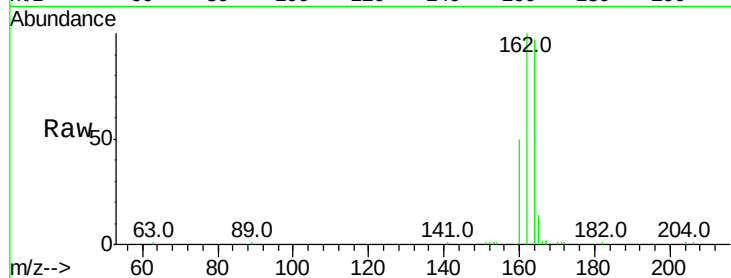
Tot Ion:164 Resp: 7075

Ion Ratio Lower Upper

164 100

162 103.0 83.1 124.7

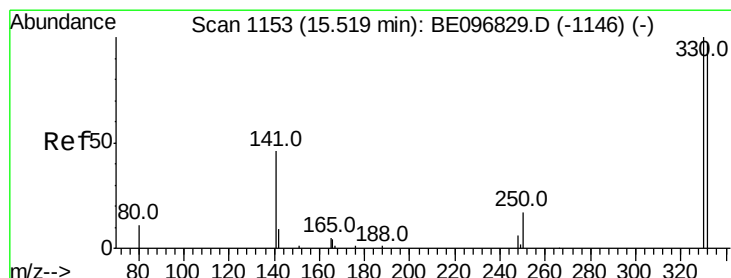
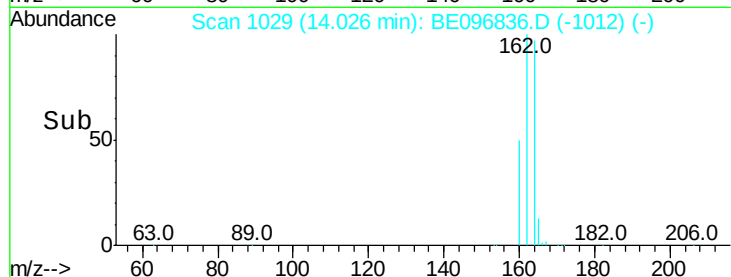
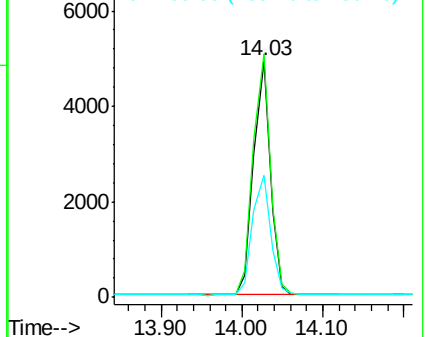
160 51.7 37.1 55.7



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: 0.394 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

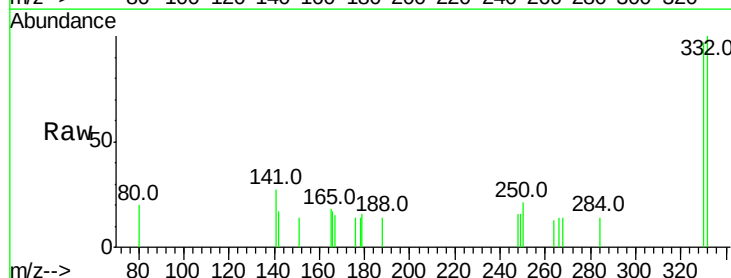
Tgt Ion:330 Resp: 568

Ion Ratio Lower Upper

330 100

332 96.0 152.7 229.1#

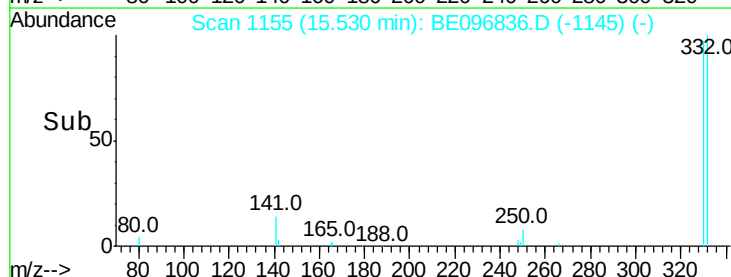
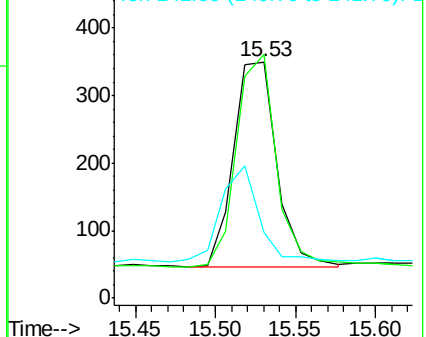
141 40.7 33.7 50.5

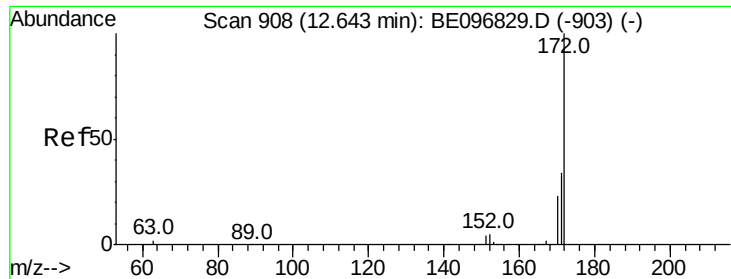


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

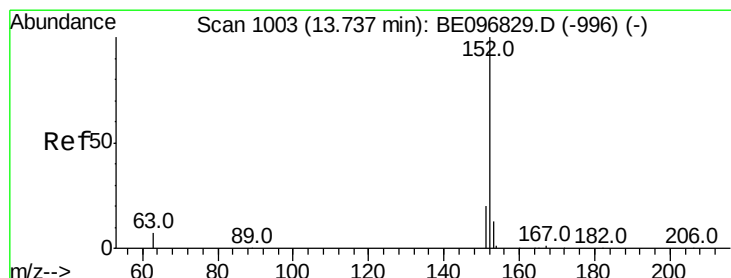
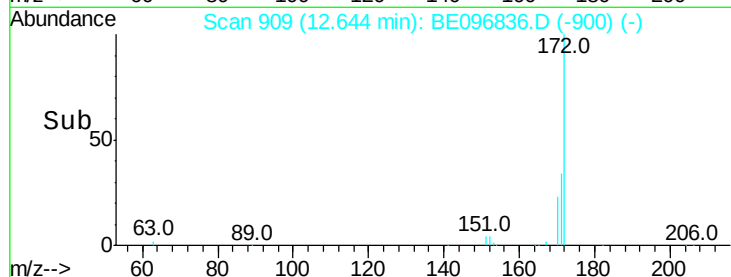
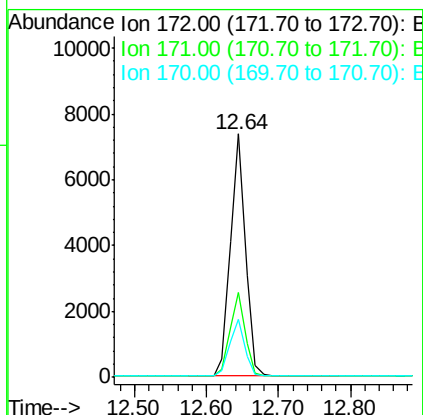
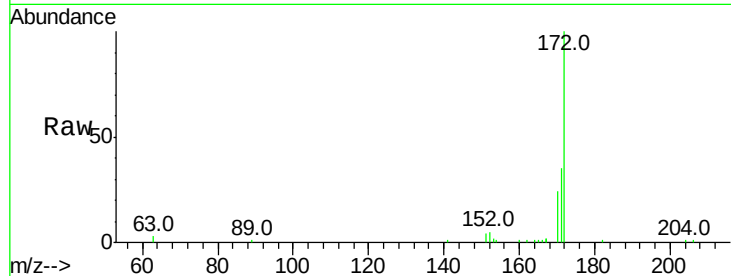




#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE096836.D
Acq: 21 Jun 2018 9:26

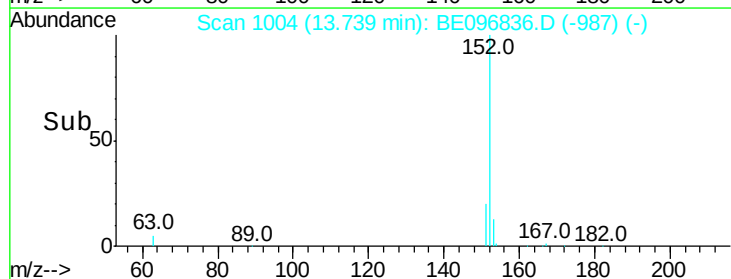
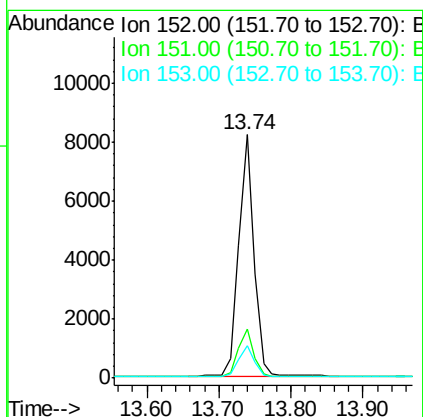
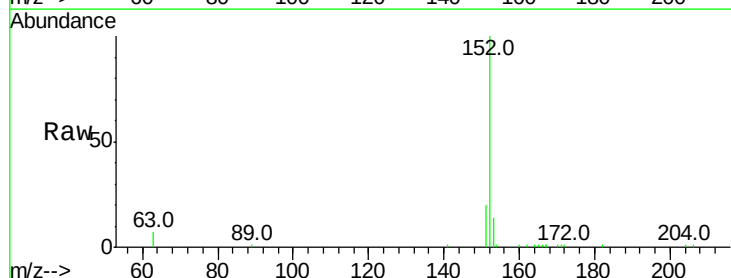
Instrument :
BNA_E
ClientSampleId :

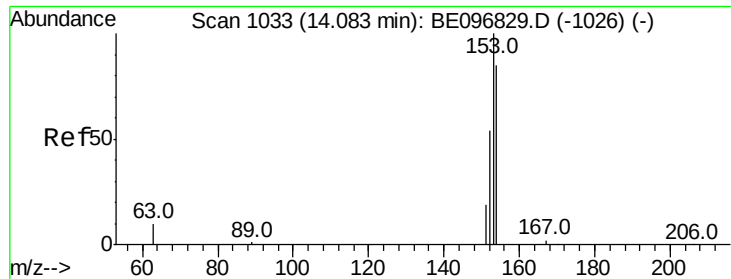
Tot Ion:172 Resp: 10662
Ion Ratio Lower Upper
172 100
171 34.7 29.9 44.9
170 23.7 21.8 32.8



#16
Acenaphthylene
Concen: 0.397 ng
RT: 13.74 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE096836.D
Acq: 21 Jun 2018 9:26

Tgt Ion:152 Resp: 12175
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.402 ng

RT: 14.08 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

Instrument :

BNA_E

ClientSampleId :

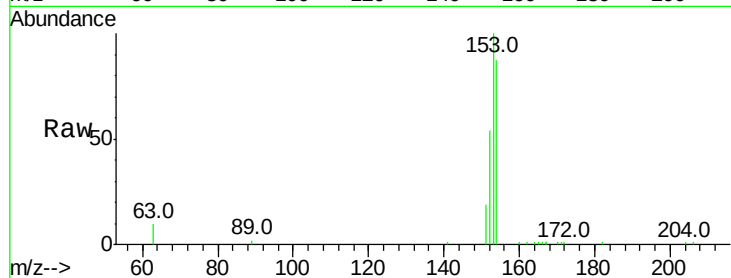
Tot Ion:154 Resp: 8156

Ion Ratio Lower Upper

154 100

153 115.3 89.2 133.8

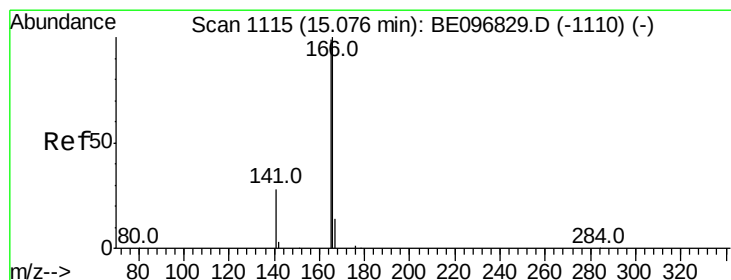
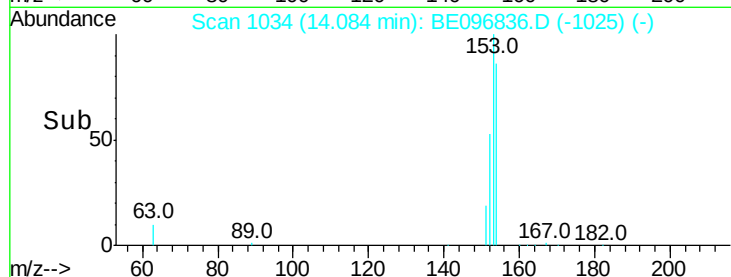
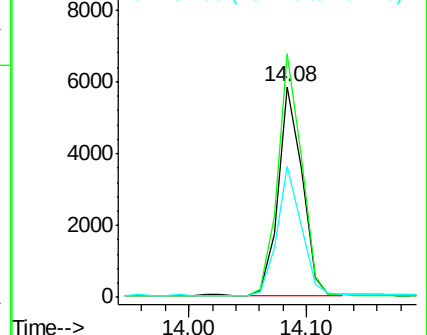
152 62.2 42.0 63.0



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: 0.403 ng

RT: 15.08 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

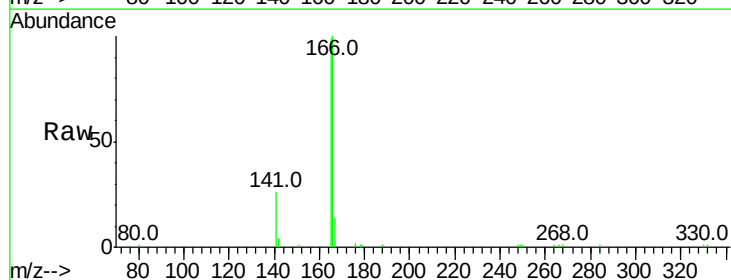
Tgt Ion:166 Resp: 9616

Ion Ratio Lower Upper

166 100

165 97.6 77.8 116.6

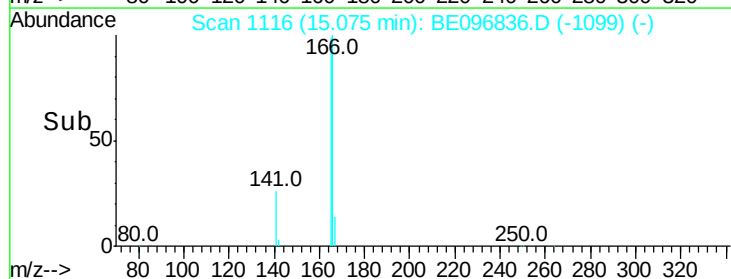
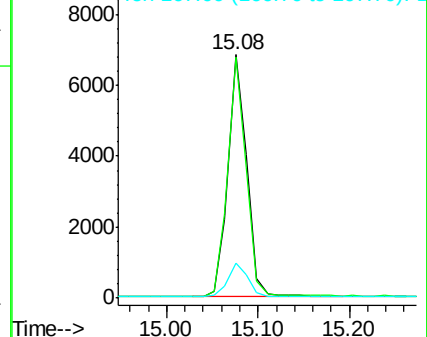
167 14.3 42.4 63.6#

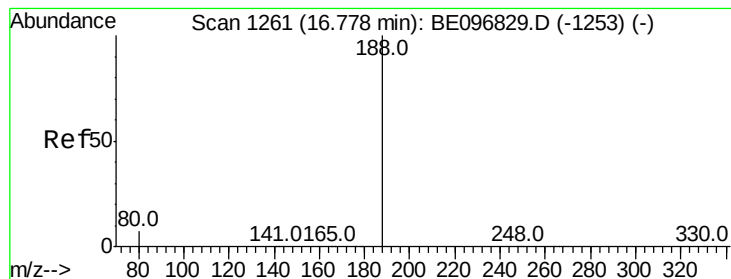


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1262

Delta R.T. -0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

Instrument :

BNA_E

ClientSampleId :

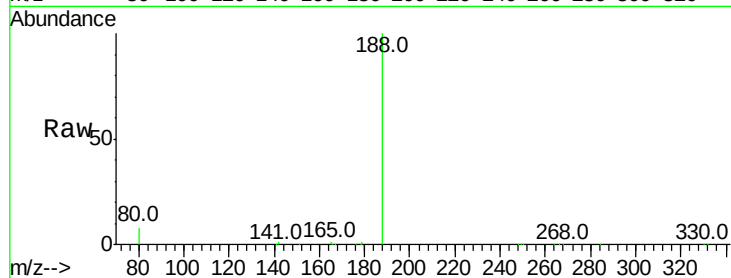
Tot Ion:188 Resp: 19470

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

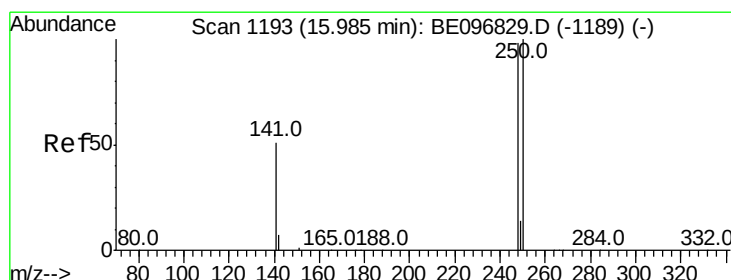
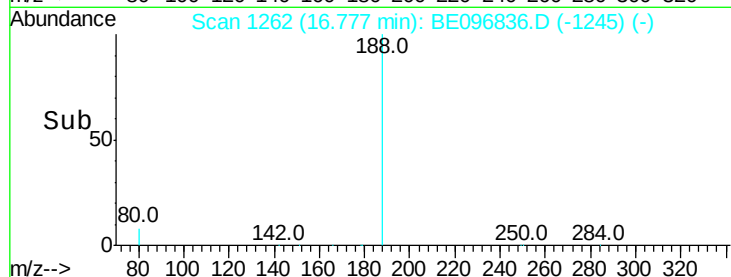
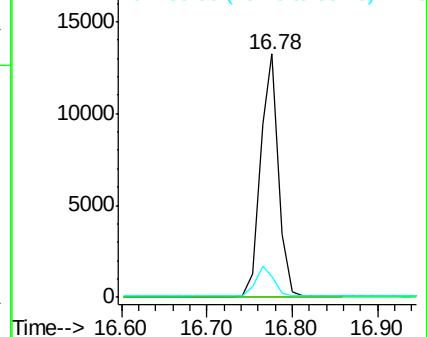
80 8.3 3.6 5.4#



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: 0.393 ng

RT: 15.98 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

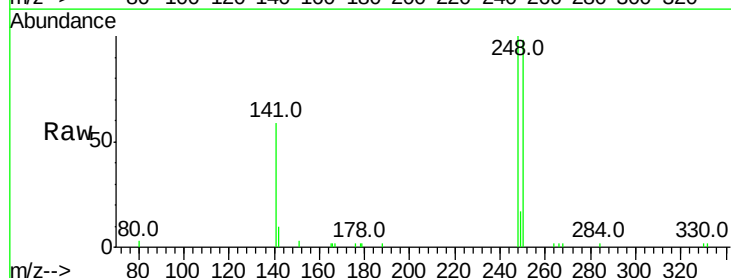
Tgt Ion:248 Resp: 3448

Ion Ratio Lower Upper

248 100

250 97.5 62.7 94.1#

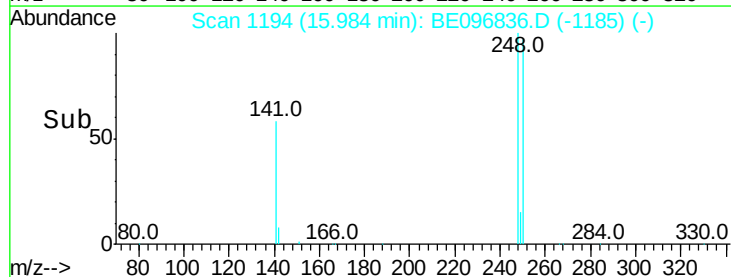
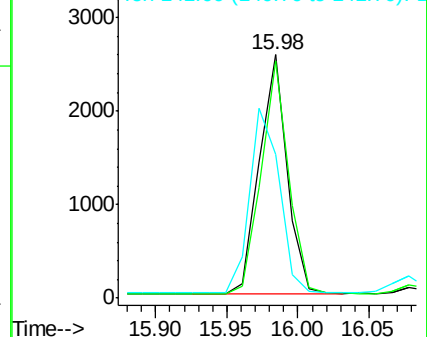
141 58.9 48.2 72.2

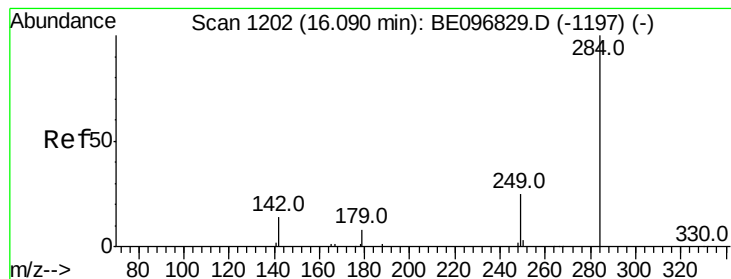


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.394 ng

RT: 16.09 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

Instrument :

BNA_E

ClientSampleId :

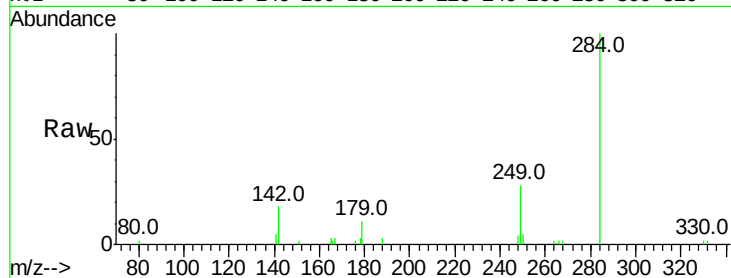
Tot Ion:284 Resp: 3946

Ion Ratio Lower Upper

284 100

142 40.6 22.1 33.1#

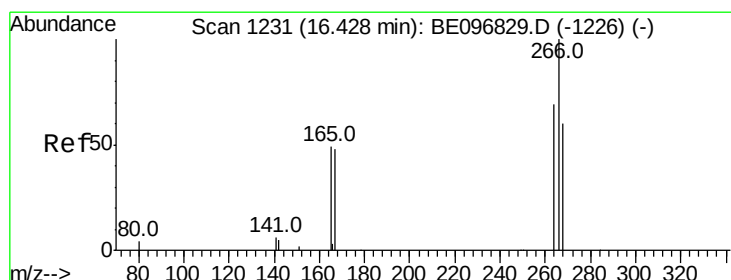
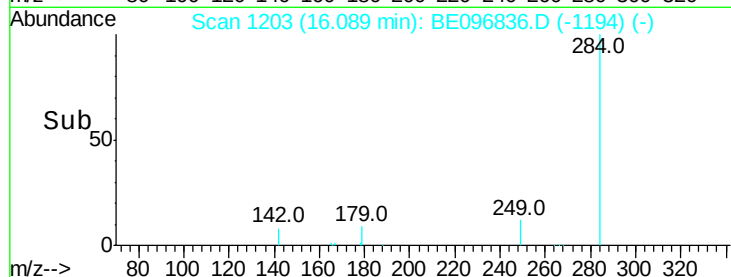
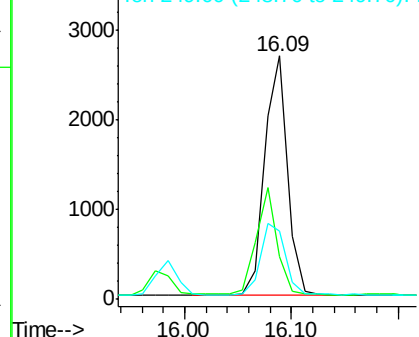
249 32.6 34.8 52.2#



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: 0.403 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

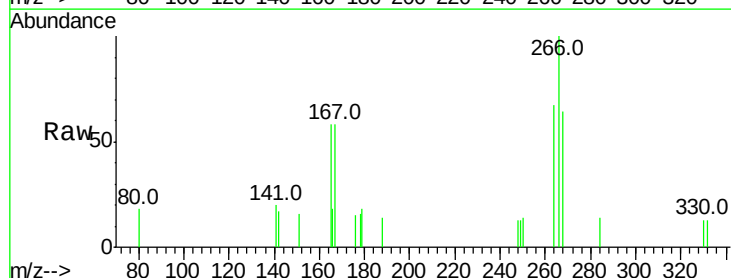
Tgt Ion:266 Resp: 599

Ion Ratio Lower Upper

266 100

264 67.2 72.5 108.7#

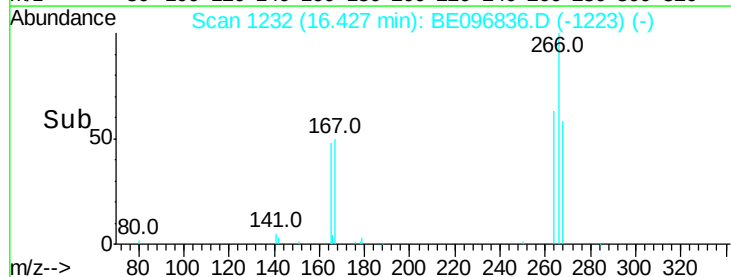
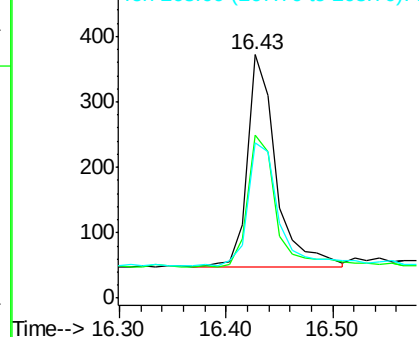
268 63.7 73.8 110.6#

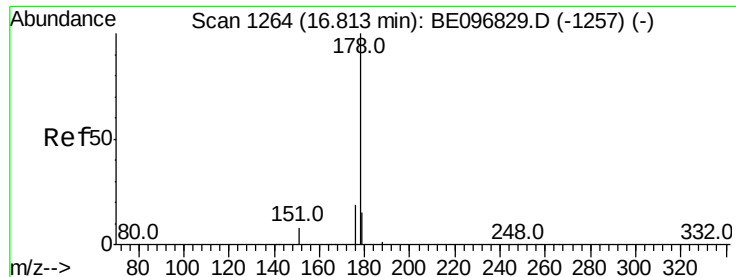


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.395 ng

RT: 16.81 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

Instrument :

BNA_E

ClientSampled :

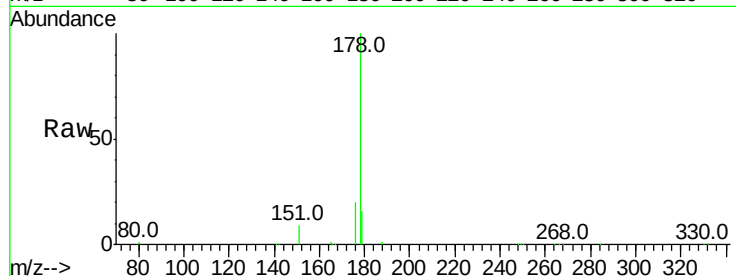
Tot Ion:178 Resp: 18908

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

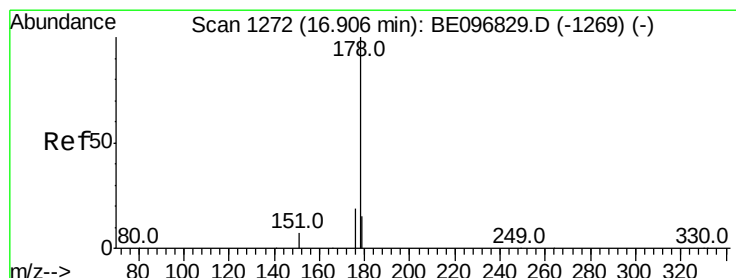
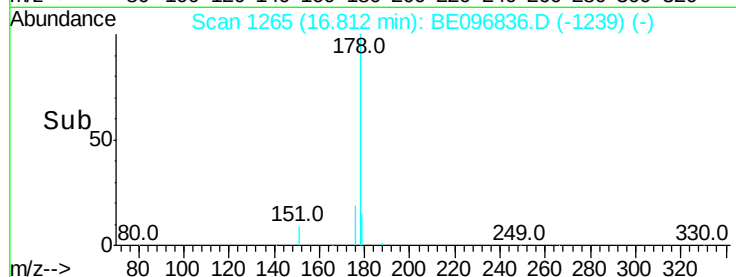
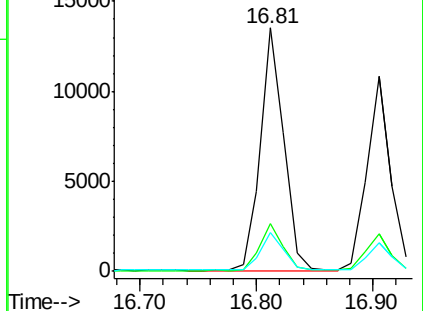
179 15.6 11.8 17.6



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: 0.384 ng

RT: 16.91 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

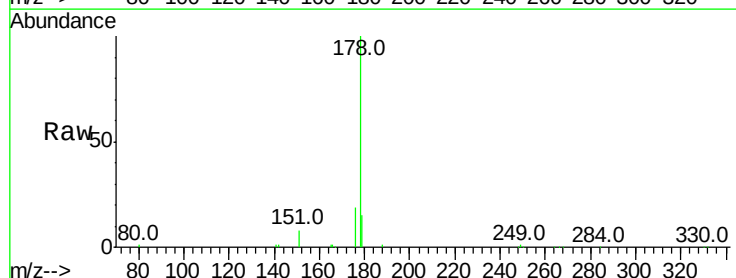
Tgt Ion:178 Resp: 15216

Ion Ratio Lower Upper

178 100

176 19.2 12.8 19.2

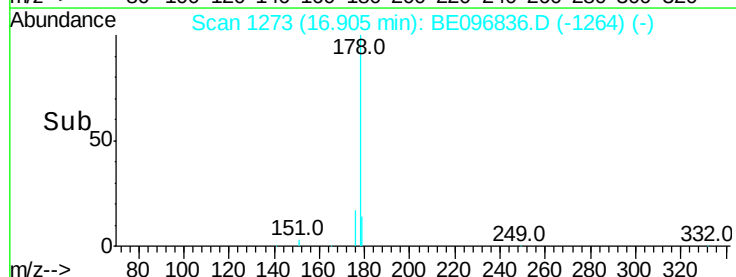
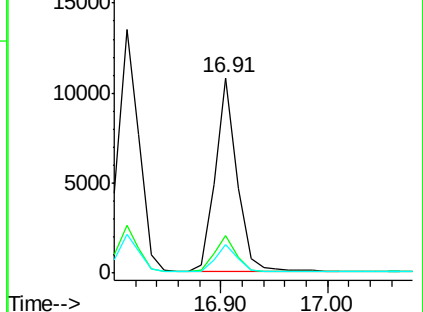
179 14.9 13.0 19.6

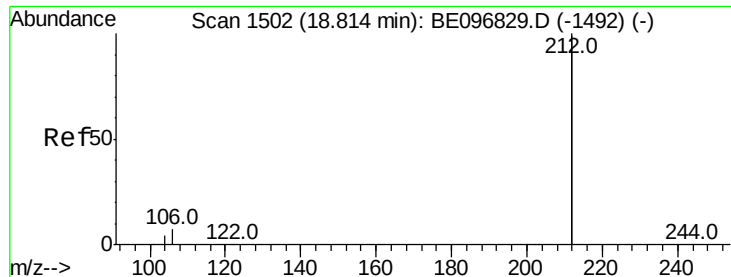


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.387 ng

RT: 18.82 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

Instrument :

BNA_E

ClientSampleId :

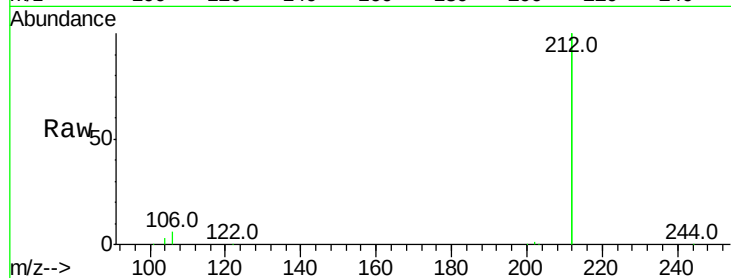
Tot Ion:212 Resp: 66395

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

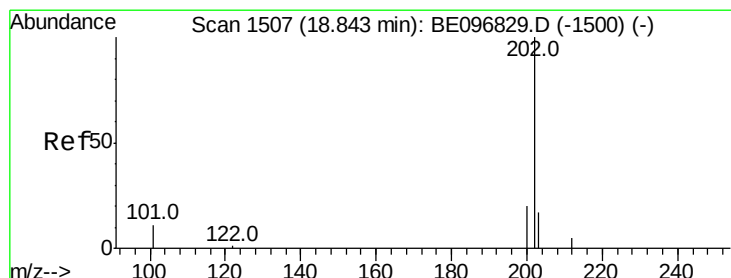
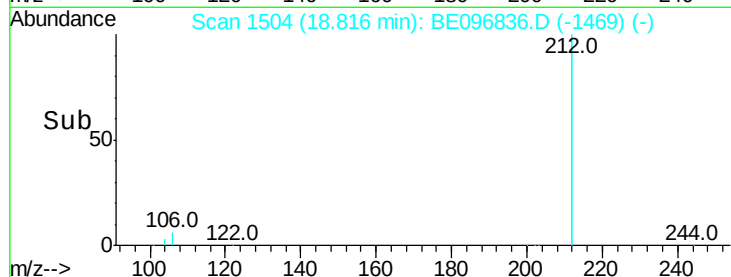
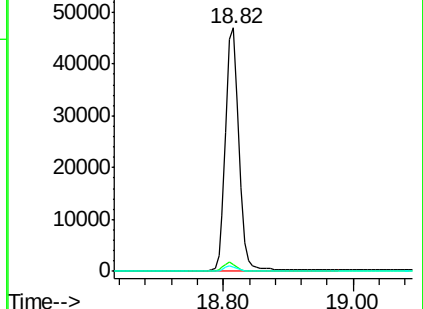
104 1.9 1.6 2.4



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: 0.408 ng

RT: 18.84 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

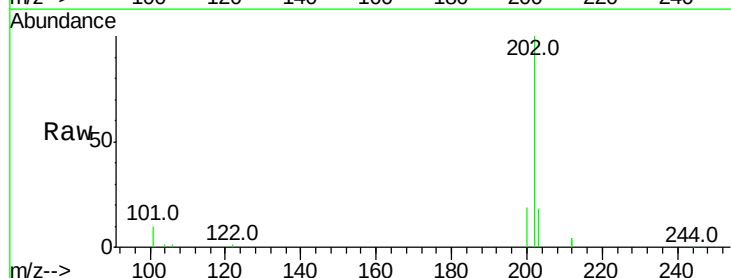
Tgt Ion:202 Resp: 19725

Ion Ratio Lower Upper

202 100

101 11.5 9.8 14.8

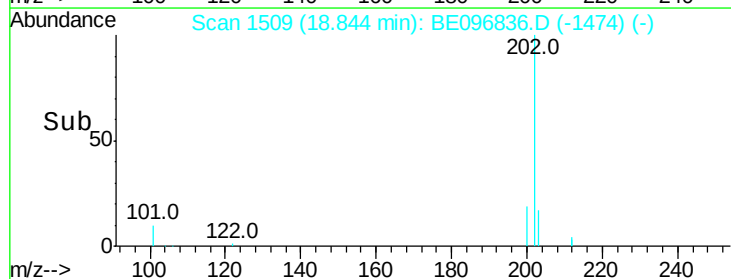
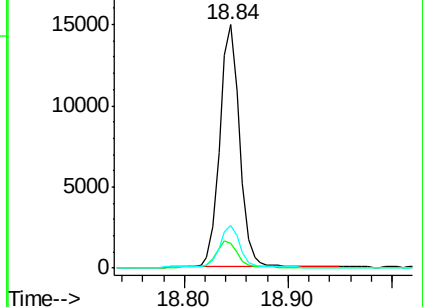
203 17.2 13.7 20.5

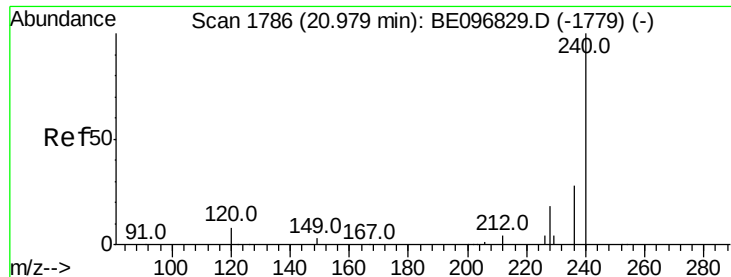


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1788

Delta R.T. -0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

Instrument :

BNA_E

ClientSampleId :

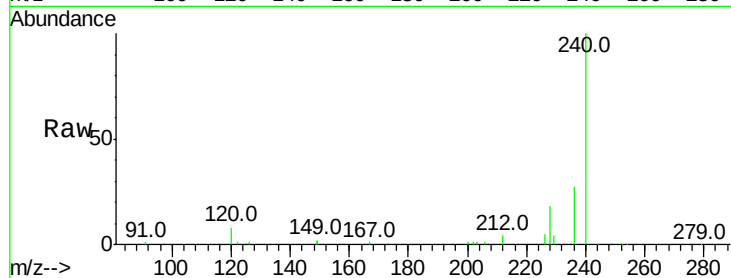
Tot Ion:240 Resp: 17082

Ion Ratio Lower Upper

240 100

120 8.1 5.5 8.3

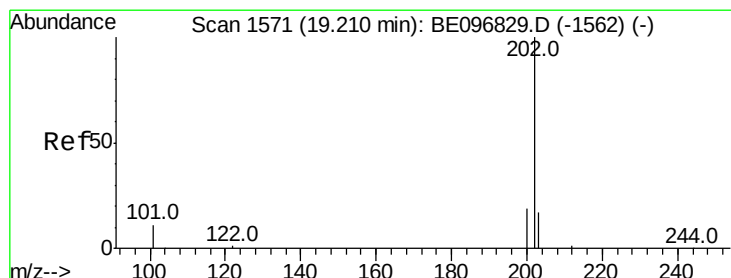
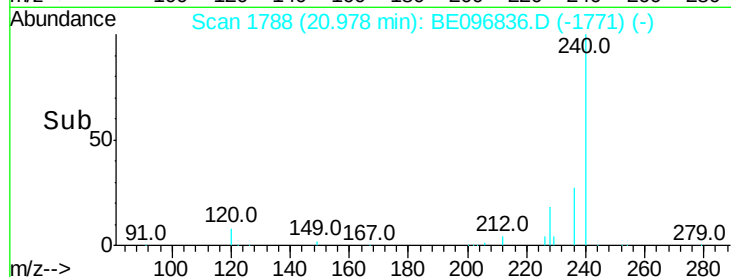
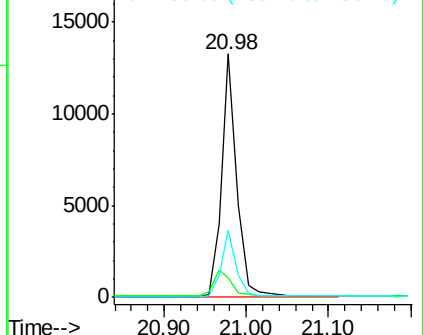
236 27.5 20.7 31.1



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: 0.387 ng

RT: 19.21 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

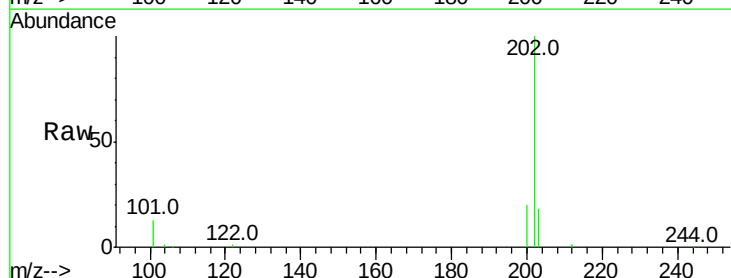
Tgt Ion:202 Resp: 19101

Ion Ratio Lower Upper

202 100

200 19.8 16.6 25.0

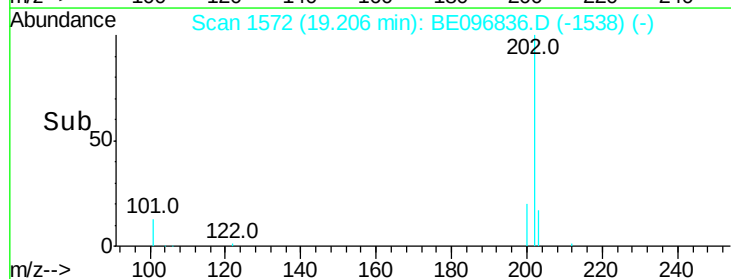
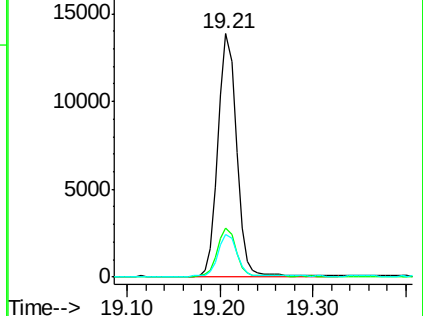
203 17.5 13.8 20.8

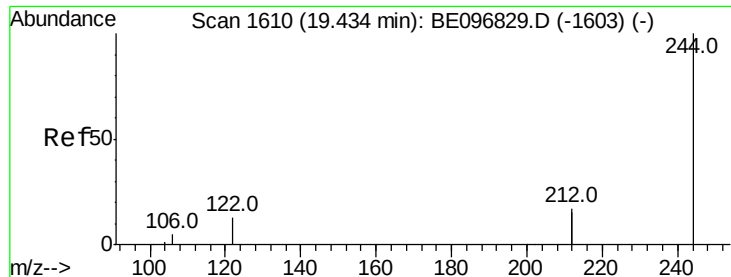


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.390 ng

RT: 19.44 min Scan# 1612

Delta R.T. 0.00 min

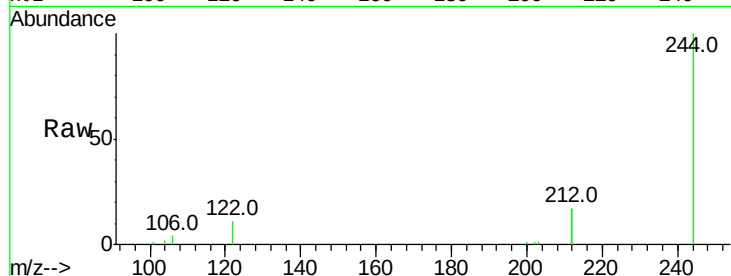
Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

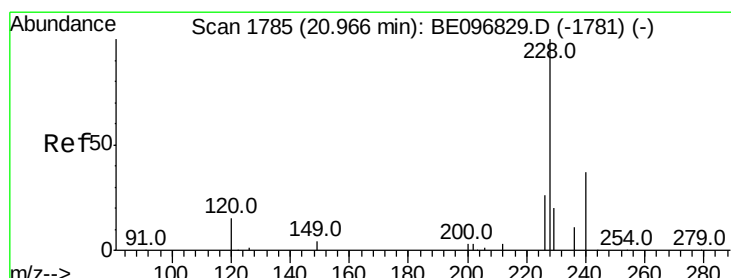
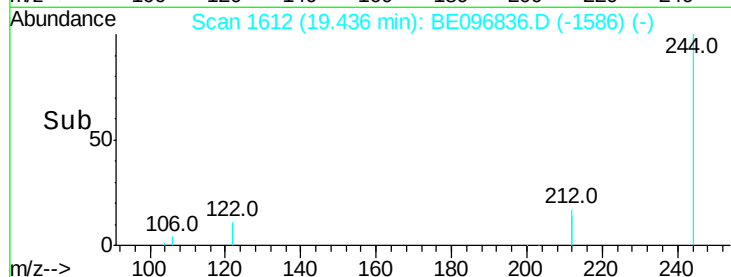
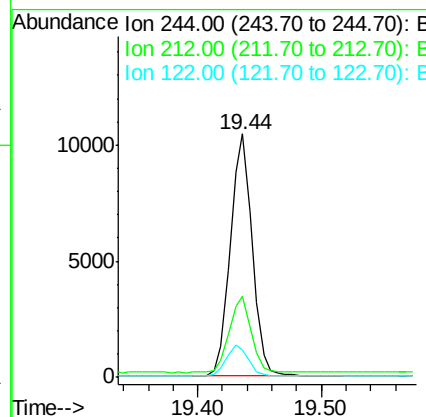
Instrument :

BNA_E

ClientSampled :



Tot Ion:	244	Resp:	12851
Ion	Ratio	Lower	Upper
244	100		
212	33.2	25.4	38.0
122	11.4	8.1	12.1



#30

Benzo(a)anthracene

Concen: 0.370 ng

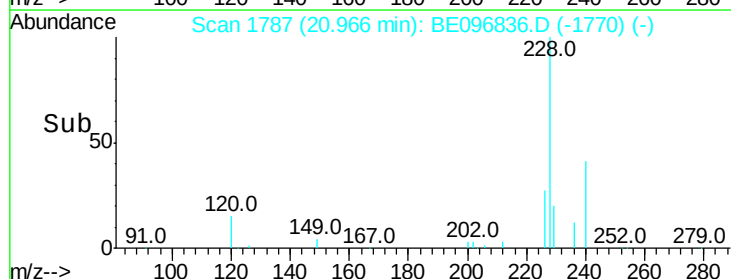
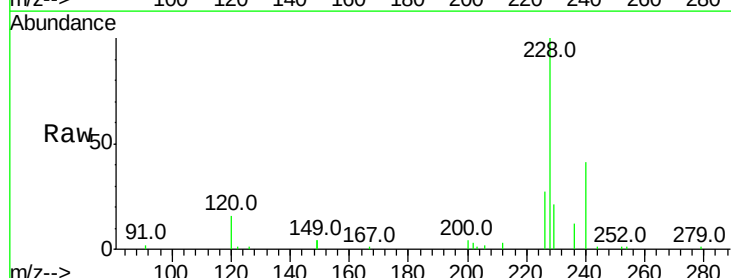
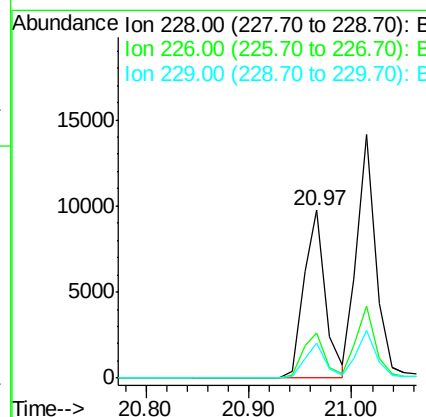
RT: 20.97 min Scan# 1787

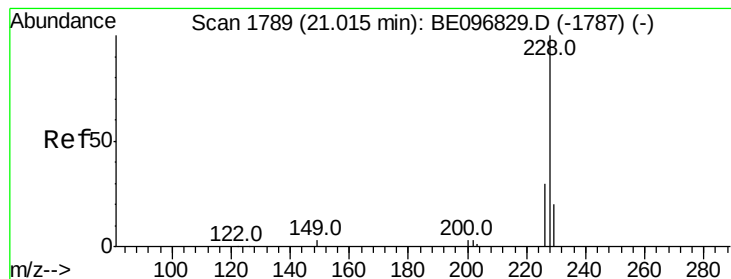
Delta R.T. -0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

Tgt Ion:	228	Resp:	14006
Ion	Ratio	Lower	Upper
228	100		
226	26.9	24.0	36.0
229	20.6	16.0	24.0





#31

Chrysene

Concen: 0.386 ng

RT: 21.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

Instrument :

BNA_E

ClientSampleId :

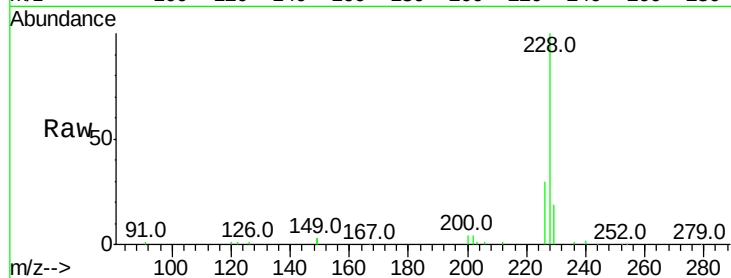
Tot Ion:228 Resp: 18021

Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

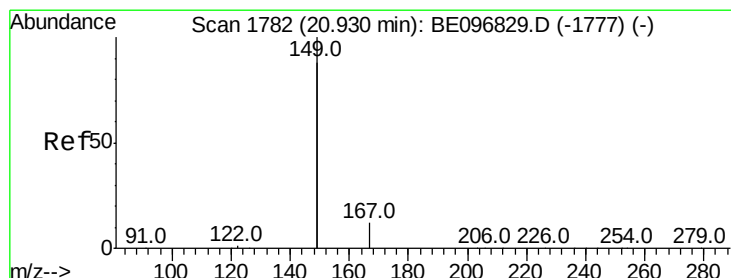
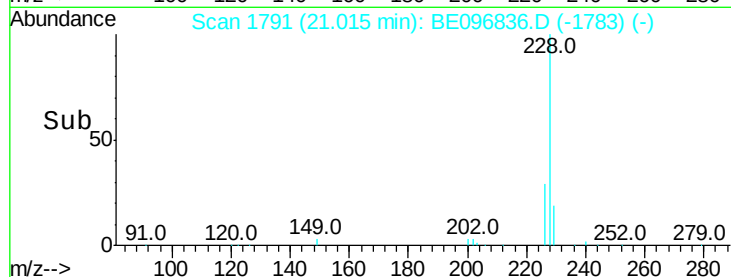
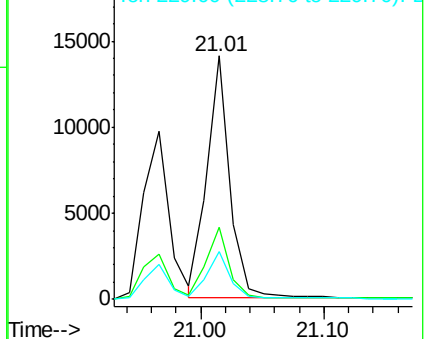
229 19.4 16.0 24.0



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: 0.340 ng

RT: 20.93 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

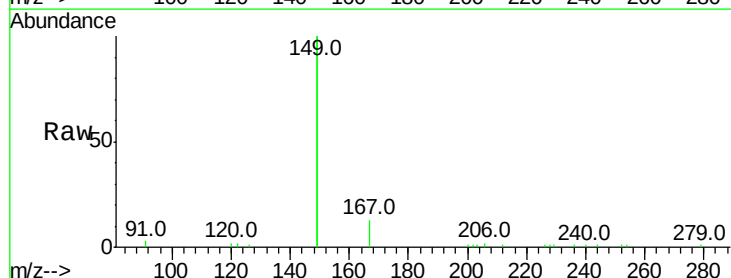
Tgt Ion:149 Resp: 11510

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

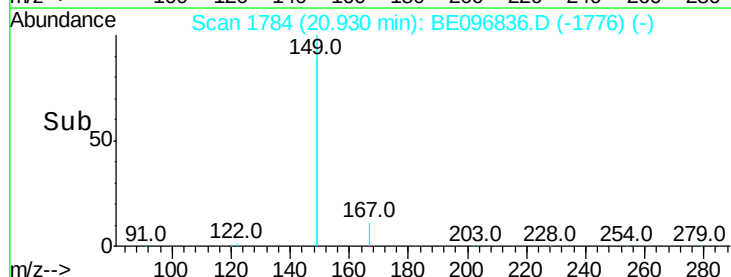
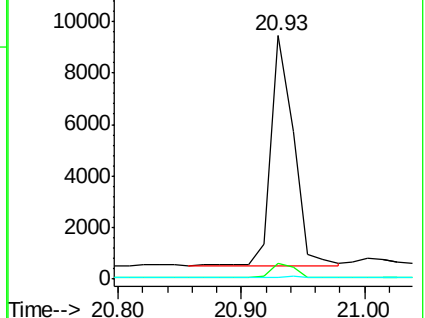
279 0.8 0.7 1.1

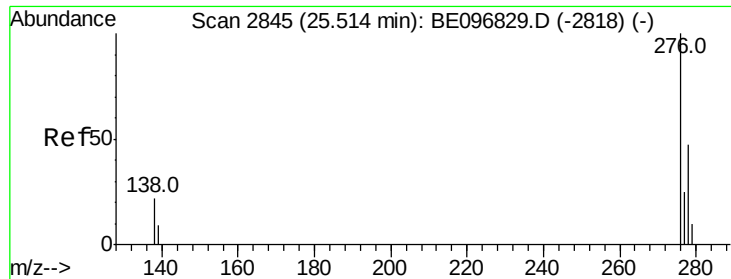


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

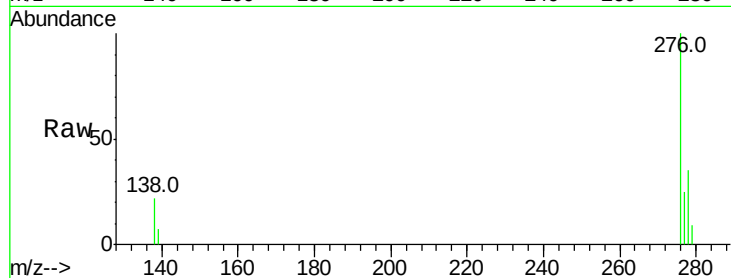




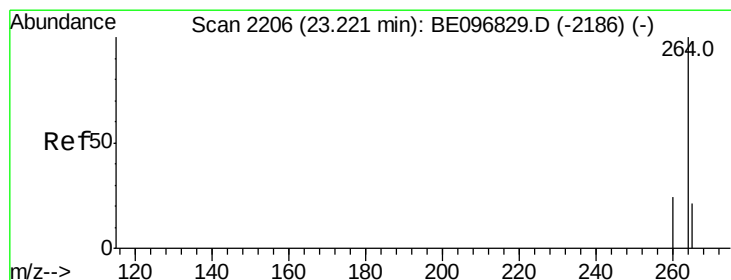
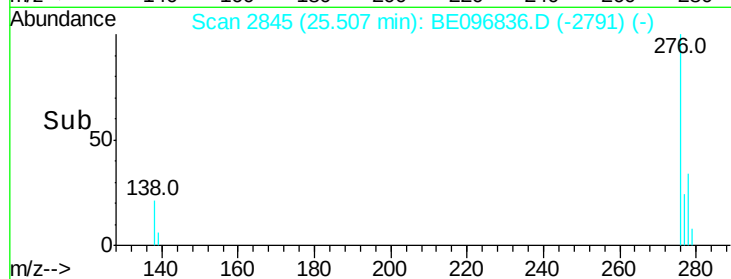
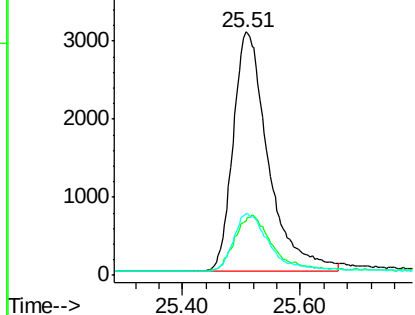
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.368 ng
 RT: 25.51 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BE096836.D
 Acq: 21 Jun 2018 9:26

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 12788
 Ion Ratio Lower Upper
 276 100
 138 24.0 22.5 33.7
 277 24.6 19.9 29.9

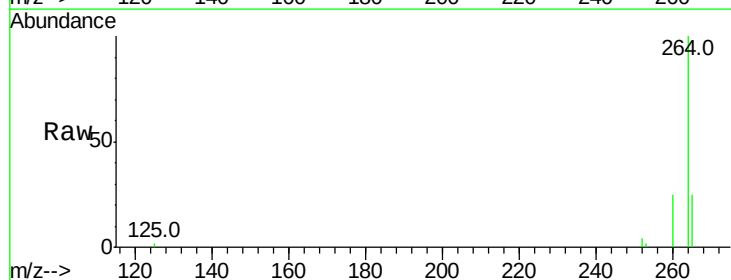


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

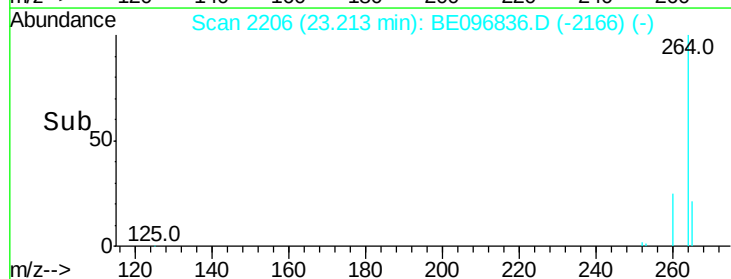
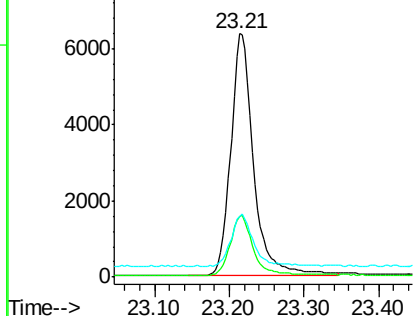


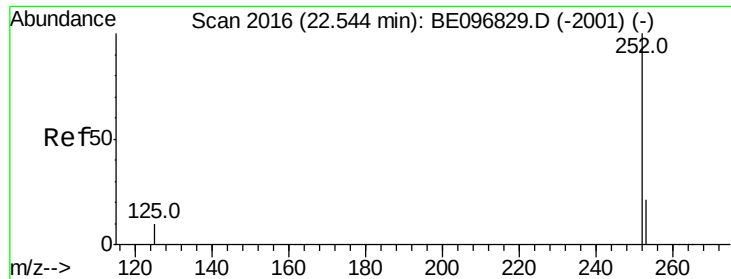
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BE096836.D
 Acq: 21 Jun 2018 9:26

Tgt Ion:264 Resp: 13506
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.5 30.7
 265 24.9 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

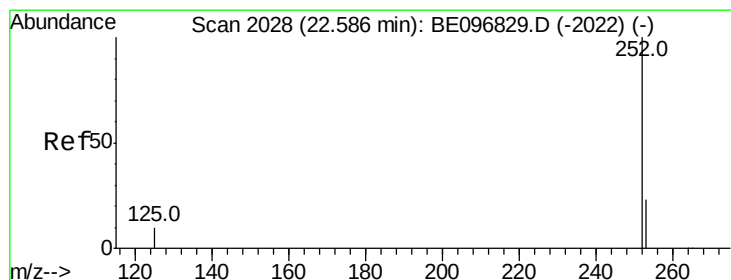
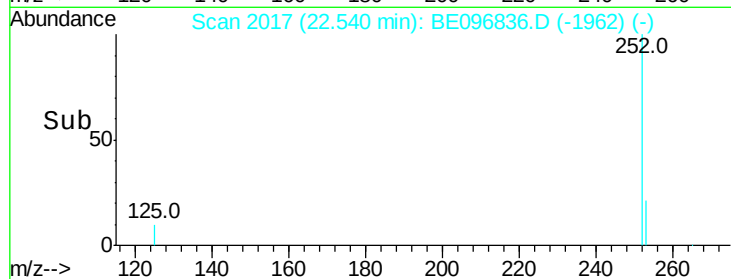
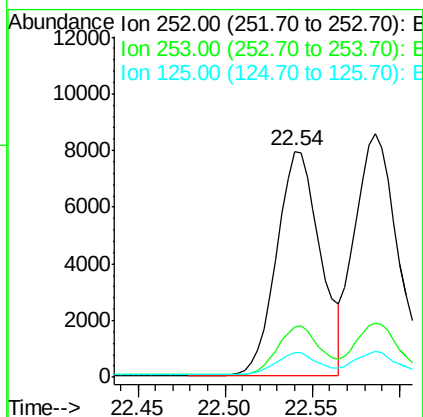
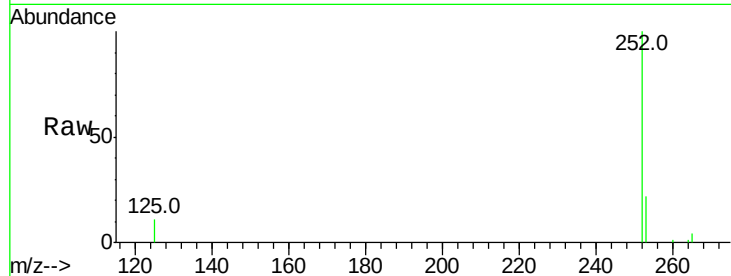




#35
Benzo(b)fluoranthene
Concen: 0.373 ng
RT: 22.54 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BE096836.D
Acq: 21 Jun 2018 9:26

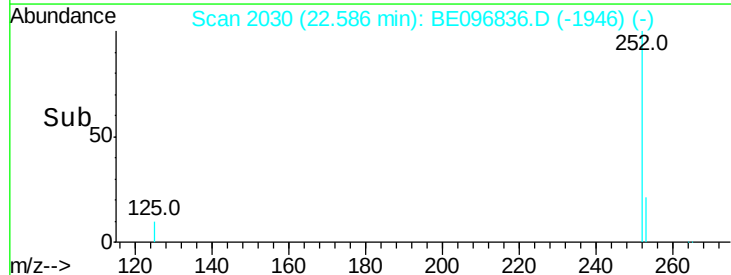
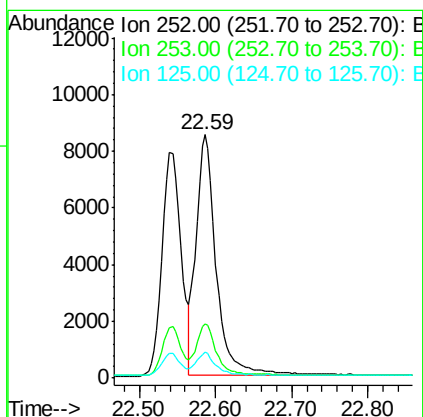
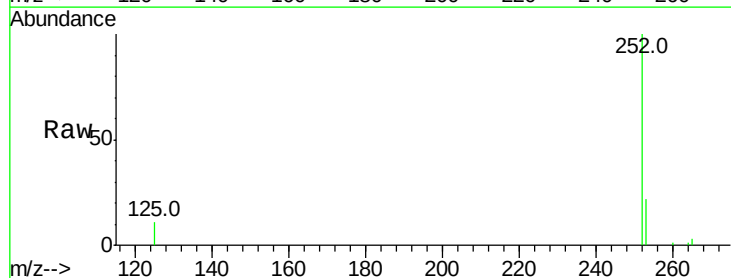
Instrument :
BNA_E
ClientSampleId :

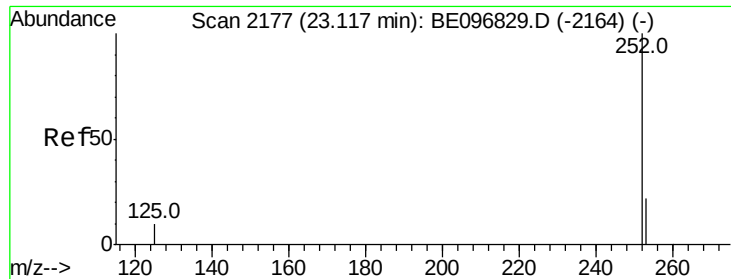
Tot Ion:252 Resp: 13736
Ion Ratio Lower Upper
252 100
253 22.3 20.0 30.0
125 10.8 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.388 ng
RT: 22.59 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BE096836.D
Acq: 21 Jun 2018 9:26

Tgt Ion:252 Resp: 15730
Ion Ratio Lower Upper
252 100
253 22.3 16.0 24.0
125 10.8 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.385 ng

RT: 23.11 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

Instrument :

BNA_E

ClientSampleId :

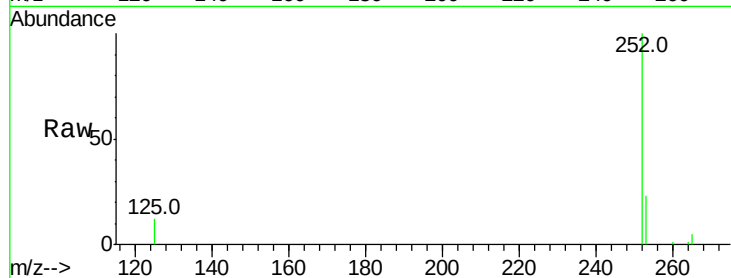
Tot Ion:252 Resp: 11272

Ion Ratio Lower Upper

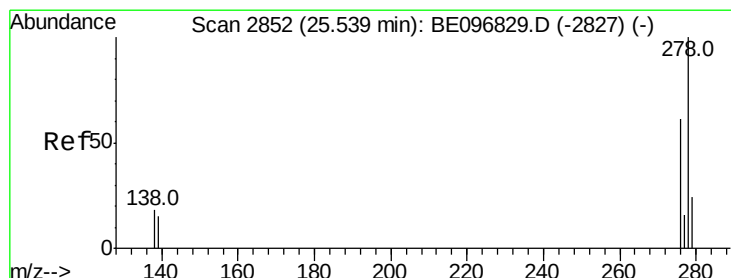
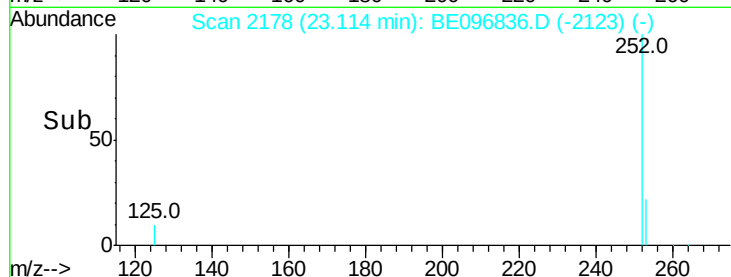
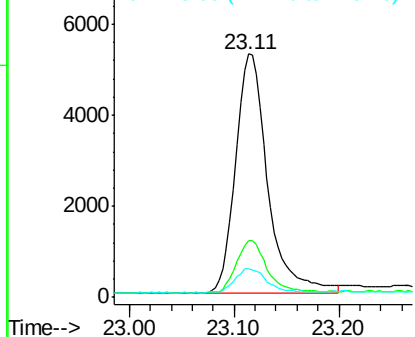
252 100

253 23.2 16.0 24.0

125 11.9 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: 0.375 ng

RT: 25.53 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

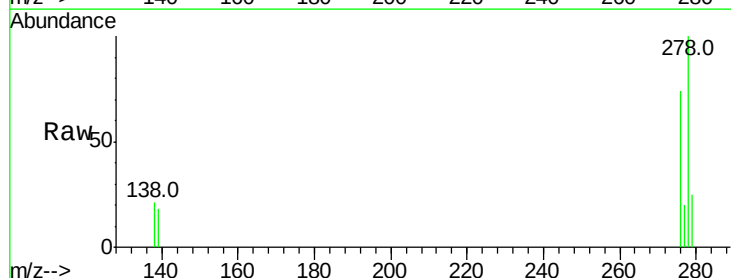
Tgt Ion:278 Resp: 10506

Ion Ratio Lower Upper

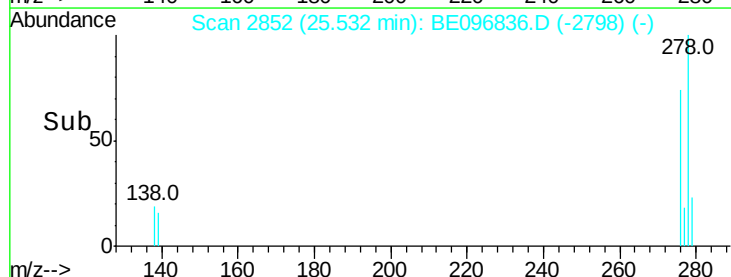
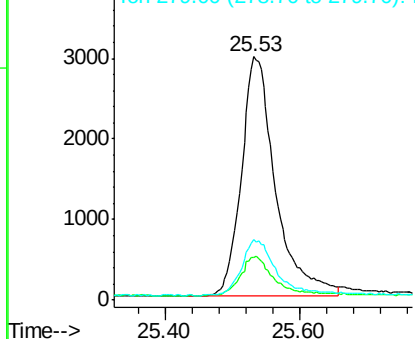
278 100

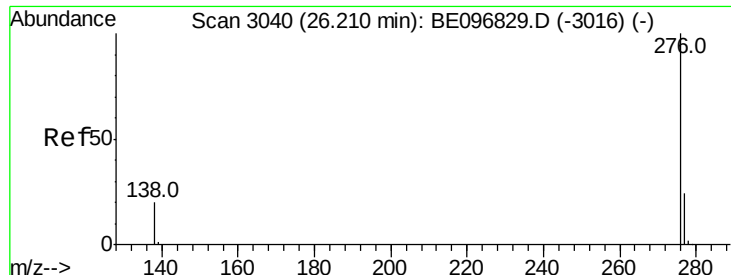
139 17.5 16.0 24.0

279 24.8 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: 0.362 ng

RT: 26.21 min Scan# 3041

Delta R.T. -0.00 min

Lab File: BE096836.D

Acq: 21 Jun 2018 9:26

Instrument :

BNA_E

ClientSampleId :

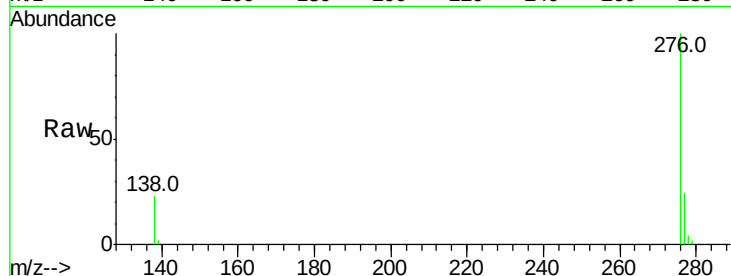
Tot Ion:276 Resp: 11833

Ion Ratio Lower Upper

276 100

277 24.5 16.0 24.0#

138 22.9 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

