

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061818\
 Data File : BE096825.D
 Acq On : 19 Jun 2018 1:25
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 19 02:06:31 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	2902	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	14577	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	8537	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	22616	0.40	ng	0.00
27) Chrysene-d12	20.98	240	21694	0.40	ng	0.00
34) Perylene-d12	23.22	264	22134	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	3380	0.53	ng	-0.01
5) Phenol-d6	6.60	99	5198	0.55	ng	0.00
8) Nitrobenzene-d5	8.53	82	4122	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	8782	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	1129	0.58	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	12247	0.35	ng	0.00
25) Fluoranthene-d10	18.82	212	87351	0.39	ng	0.00
29) Terphenyl-d14	19.44	244	17205	0.35	ng	0.00

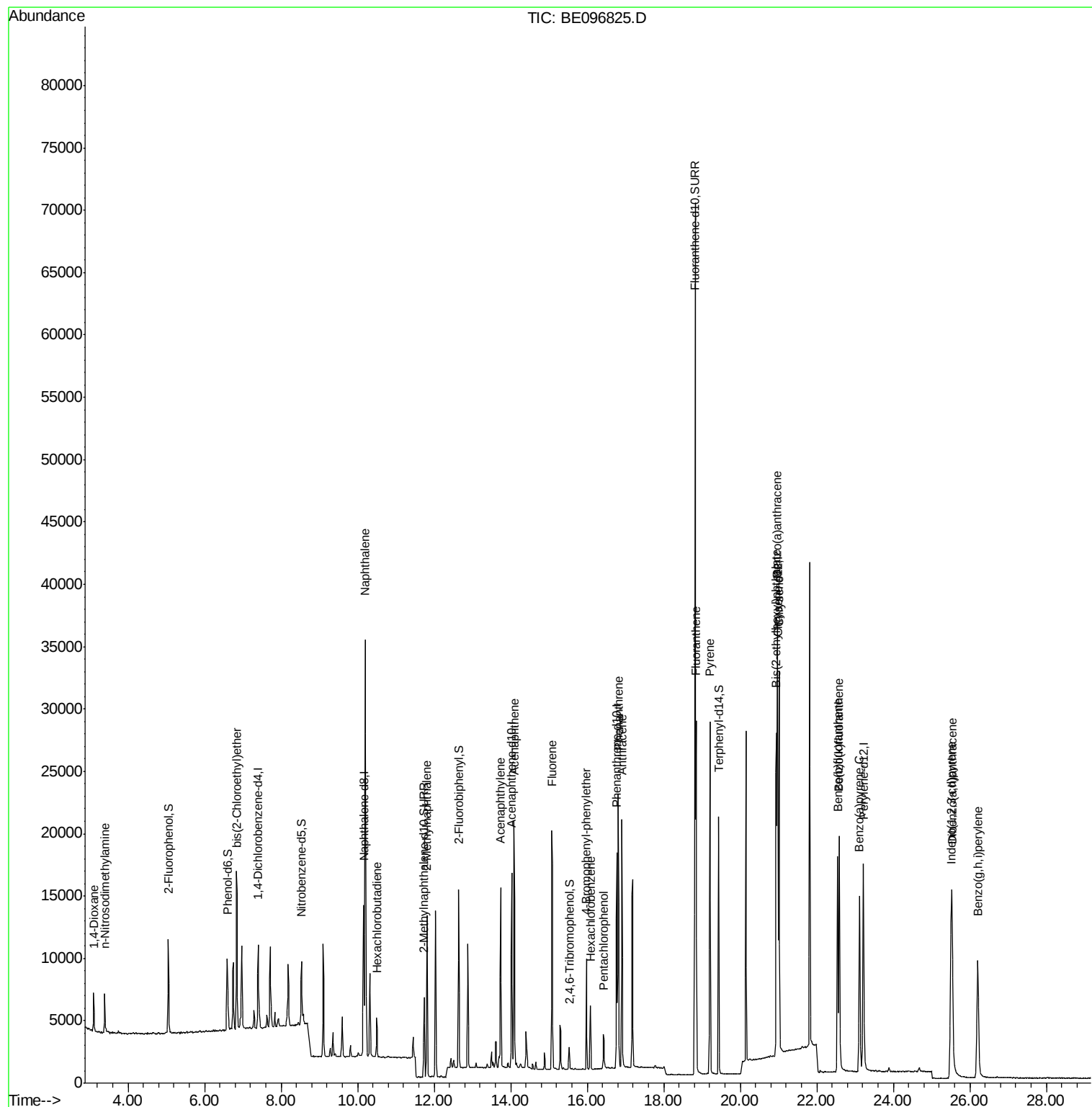
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	1669	0.355	ng	# 81
3) n-Nitrosodimethylamine	3.38	42	2024	0.409	ng	# 92
6) bis(2-Chloroethyl)ether	6.85	93	4456	0.398	ng	94
9) Naphthalene	10.20	128	53446	0.373	ng	100
10) Hexachlorobutadiene	10.50	225	2187	0.366	ng	95
12) 2-Methylnaphthalene	11.81	142	8924	0.372	ng	99
16) Acenaphthylene	13.74	152	15185	0.377	ng	100
17) Acenaphthene	14.08	154	9872	0.365	ng	97
18) Fluorene	15.08	166	11890	0.372	ng	# 80
20) 4-Bromophenyl-phenylether	15.98	248	4066	0.369	ng	# 84
21) Hexachlorobenzene	16.09	284	4398	0.340	ng	# 78
22) Pentachlorophenol	16.43	266	1526	0.662	ng	# 72
23) Phenanthrene	16.81	178	21837	0.355	ng	98
24) Anthracene	16.91	178	19231	0.381	ng	95
26) Fluoranthene	18.84	202	24733	0.380	ng	99
28) Pyrene	19.21	202	25304	0.355	ng	99
30) Benzo(a)anthracene	20.97	228	22805	0.434	ng	96
31) Chrysene	21.01	228	23591	0.356	ng	100
32) Bis(2-ethylhexyl)phthalate	20.94	149	34718	0.879	ng	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	23770	0.478	ng	96
35) Benzo(b)fluoranthene	22.54	252	22452	0.369	ng	# 88
36) Benzo(k)fluoranthene	22.59	252	23440	0.324	ng	96
37) Benzo(a)pyrene	23.12	252	21015	0.398	ng	94
38) Dibenzo(a,h)anthracene	25.54	278	19799	0.392	ng	97
39) Benzo(g,h,i)perylene	26.21	276	20641	0.368	ng	93

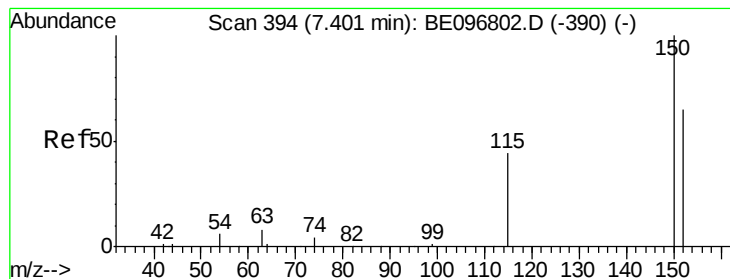
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061818\
Data File : BE096825.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
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Quant Time: Jun 19 02:06:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061818.M
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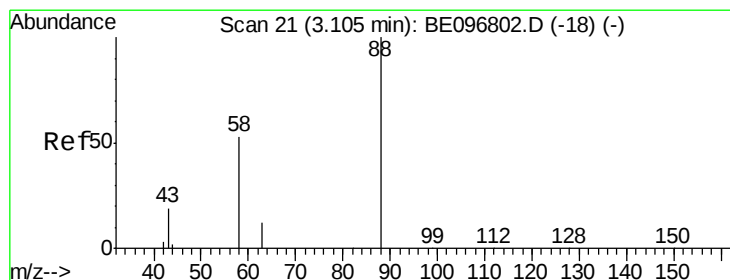
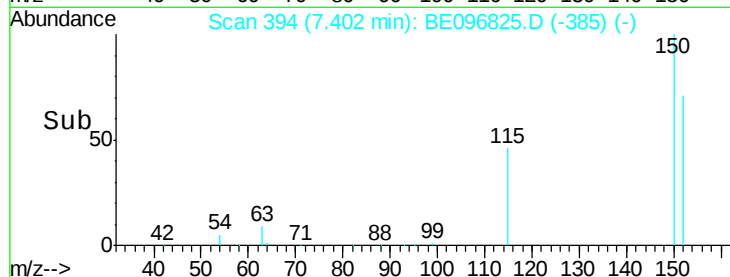
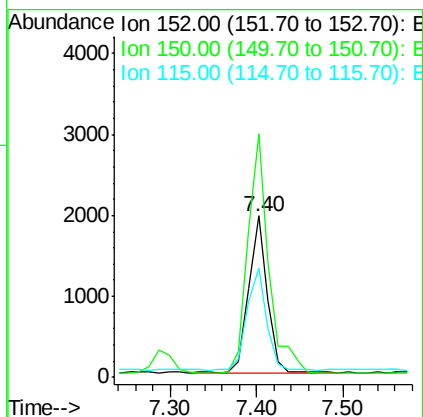
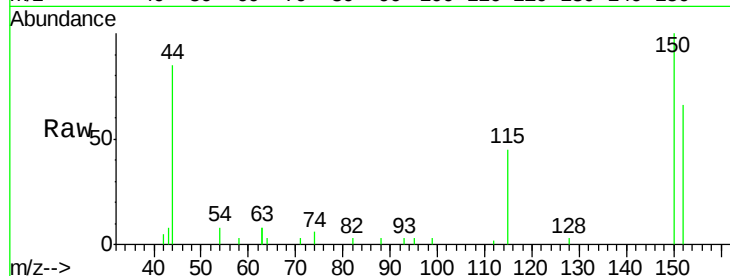


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096825.D
Acq: 19 Jun 2018 1:25

Instrument :
BNA_E
ClientSampleId :

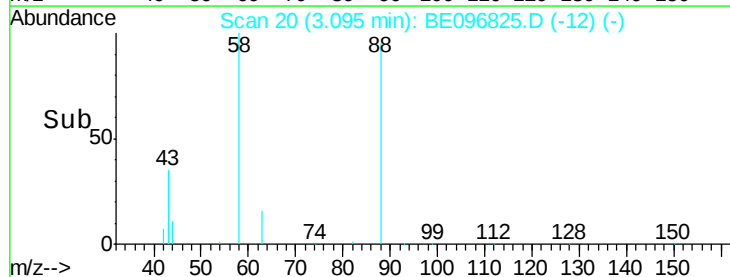
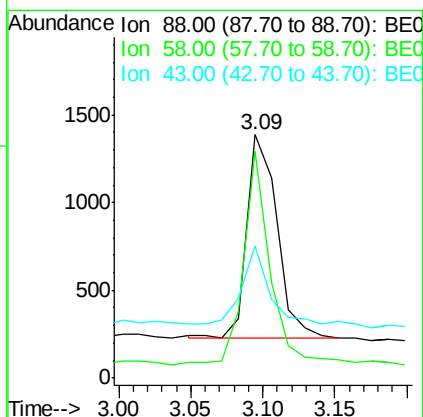
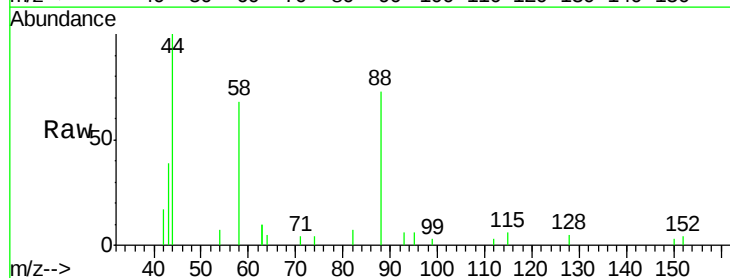
Tot Ion:152 Resp: 2902
Ion Ratio Lower Upper
152 100
150 150.8 117.2 175.8
115 67.8 57.0 85.6

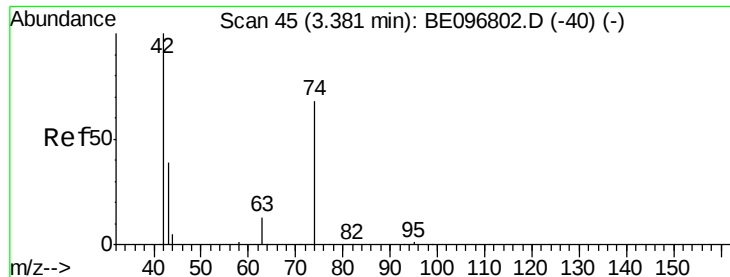


#2

1,4-Dioxane
Concen: 0.355 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.01 min
Lab File: BE096825.D
Acq: 19 Jun 2018 1:25

Tgt Ion: 88 Resp: 1669
Ion Ratio Lower Upper
88 100
58 93.3 63.2 94.8
43 35.0 41.2 61.8#



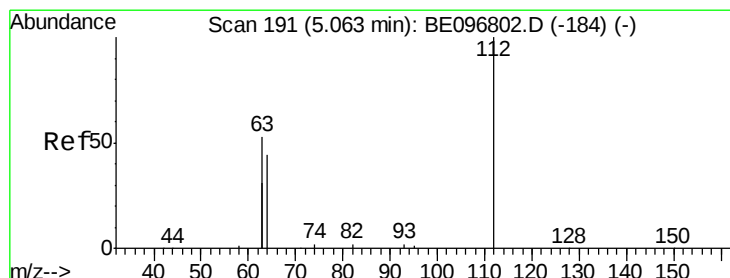
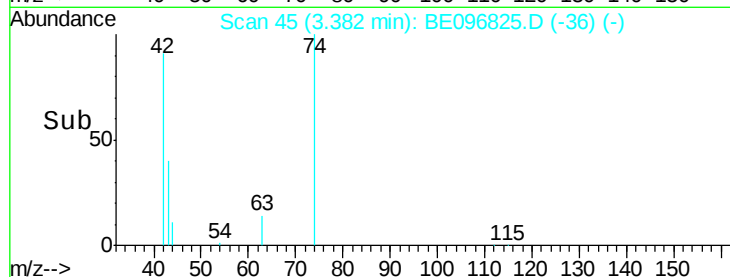
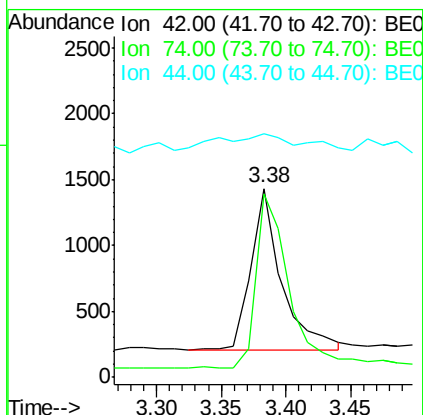
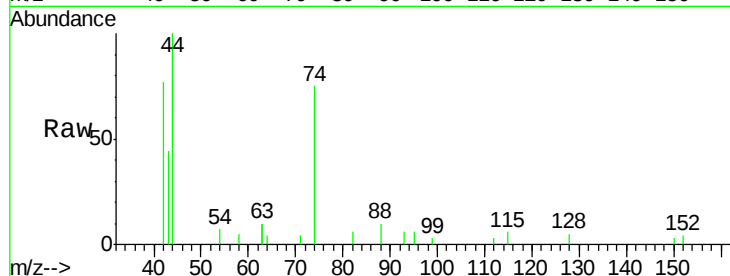


#3

n-Nitrosodimethylamine
 Concen: 0.409 ng
 RT: 3.38 min Scan# 45
 Delta R.T. 0.00 min
 Lab File: BE096825.D
 Acq: 19 Jun 2018 1:25

Instrument :
 BNA_E
 ClientSampleId :

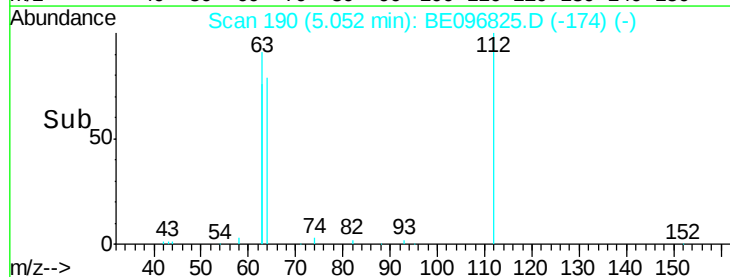
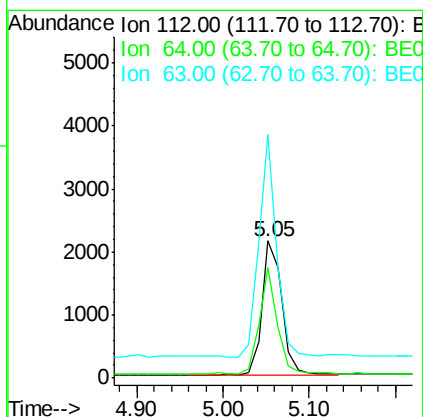
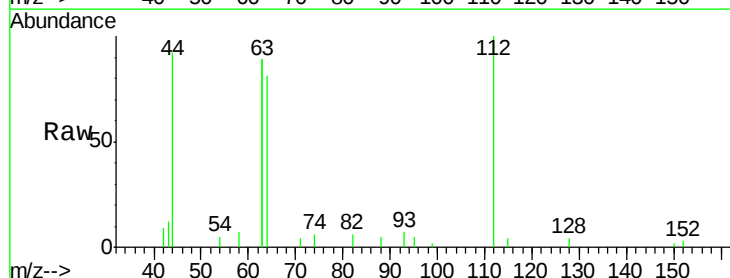
Tot Ion: 42 Resp: 2024
 Ion Ratio Lower Upper
 42 100
 74 113.7 96.0 144.0
 44 25.3 12.0 18.0#

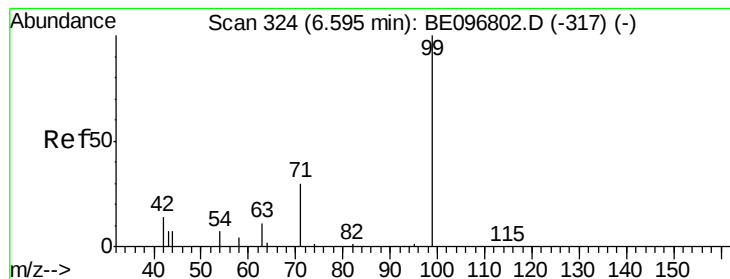


#4

2-Fluorophenol
 Concen: 0.533 ng
 RT: 5.05 min Scan# 190
 Delta R.T. -0.01 min
 Lab File: BE096825.D
 Acq: 19 Jun 2018 1:25

Tgt Ion: 112 Resp: 3380
 Ion Ratio Lower Upper
 112 100
 64 72.2 60.1 90.1
 63 147.7 116.8 175.2





#5

Phenol-d6

Concen: 0.547 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

Instrument :

BNA_E

ClientSampleId :

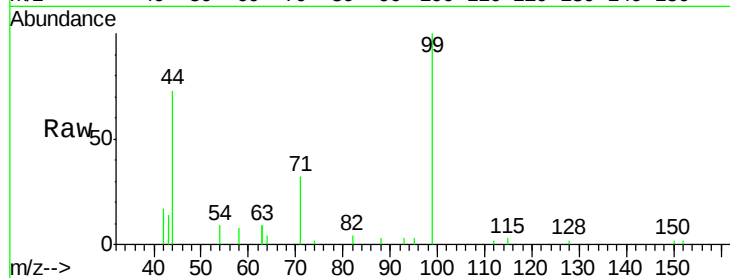
Tot Ion: 99 Resp: 5198

Ion Ratio Lower Upper

99 100

42 22.9 20.2 30.2

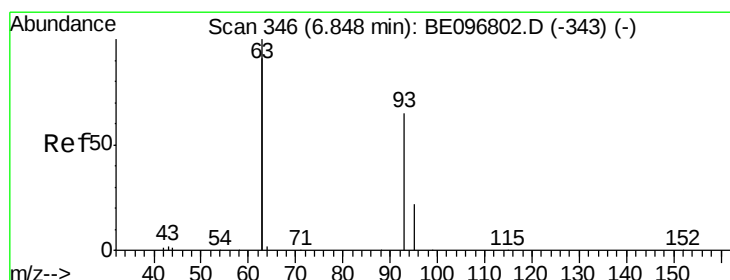
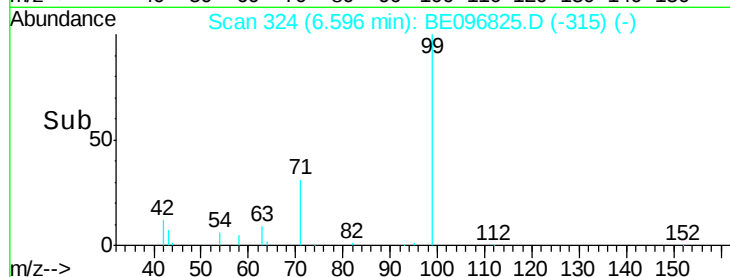
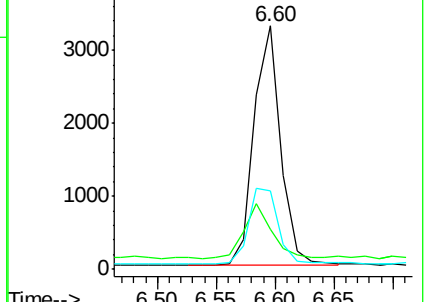
71 35.7 28.4 42.6



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: 0.398 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

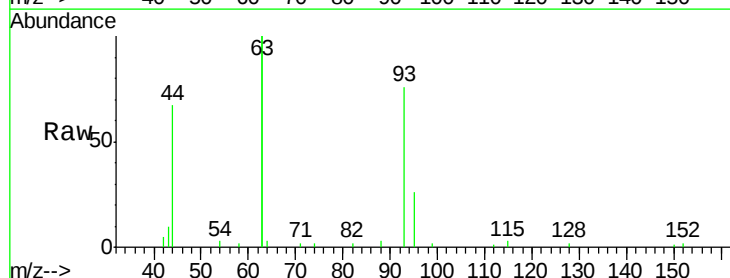
Tgt Ion: 93 Resp: 4456

Ion Ratio Lower Upper

93 100

63 330.9 275.3 412.9

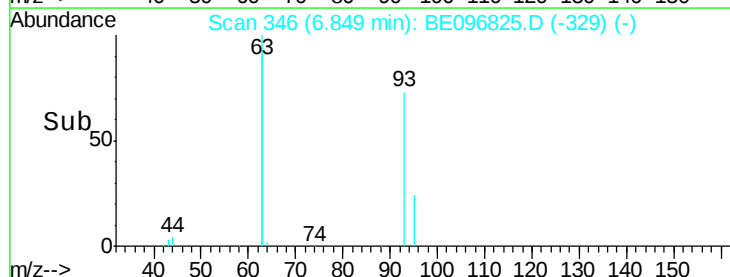
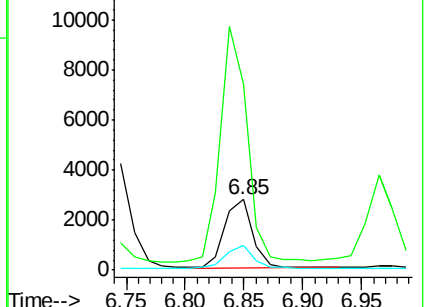
95 31.8 25.2 37.8

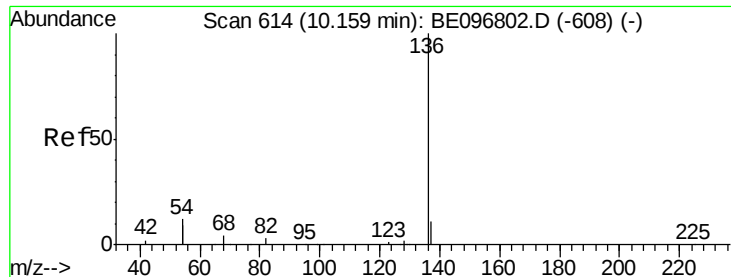


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE096825.D

Acq: 19 Jun 2018 1:25

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 14577

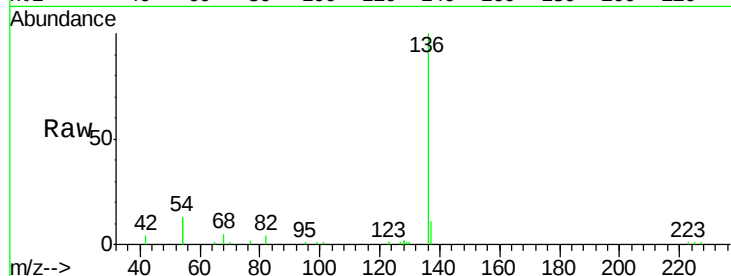
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 26.2 29.1 43.7#

68 5.4 6.2 9.2#

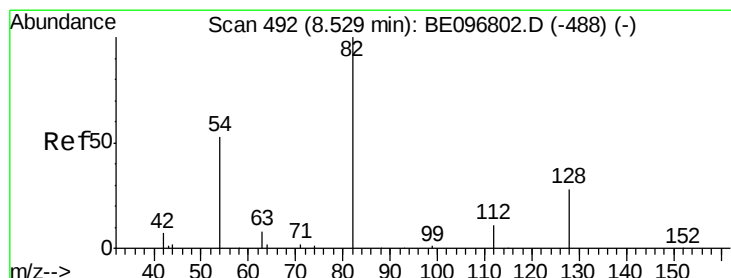
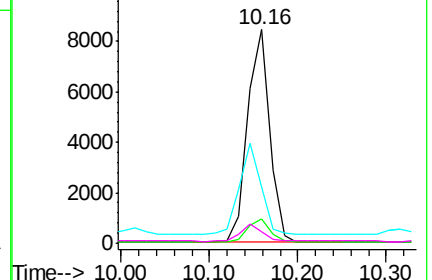
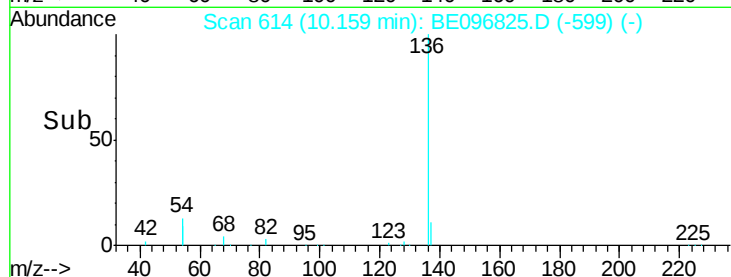


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.508 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

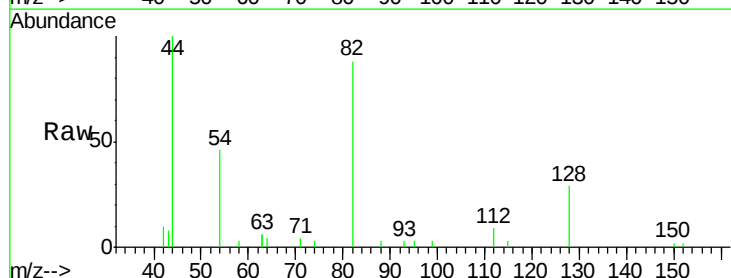
Tgt Ion: 82 Resp: 4122

Ion Ratio Lower Upper

82 100

128 33.2 24.0 36.0

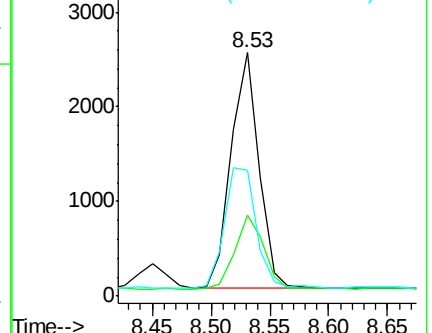
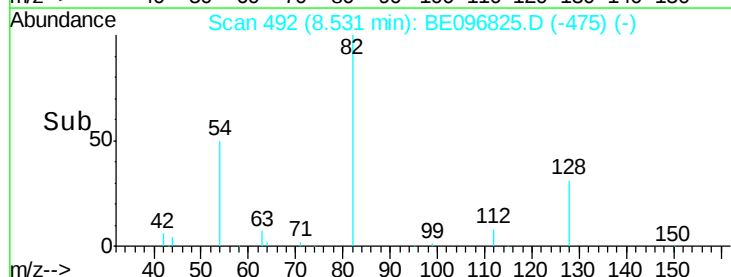
54 51.8 40.0 60.0

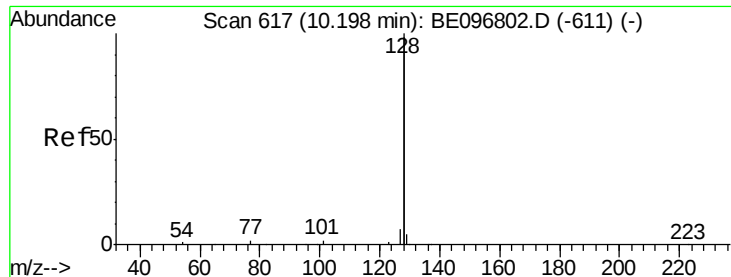


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.373 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

Instrument :

BNA_E

ClientSampleId :

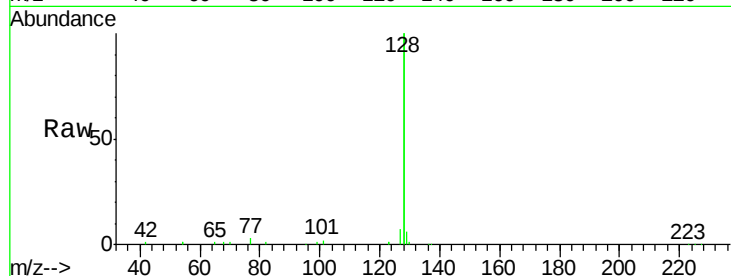
Tot Ion:128 Resp: 53446

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

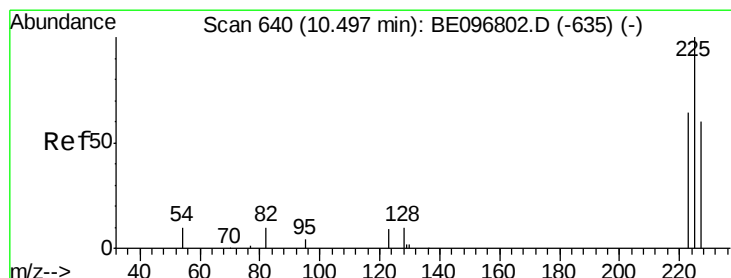
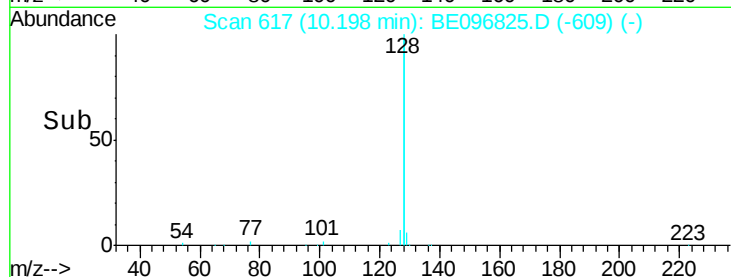
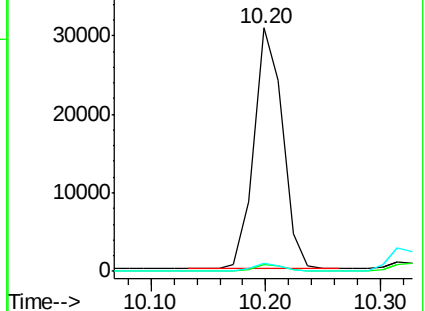
127 3.5 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.366 ng

RT: 10.50 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

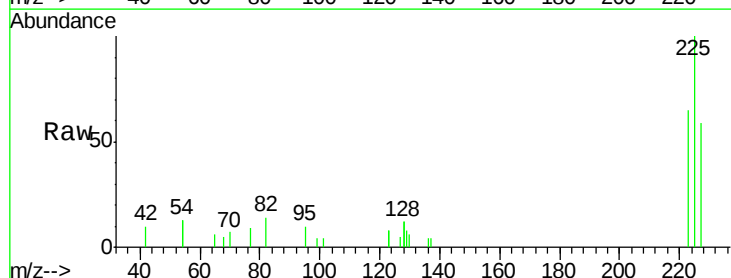
Tgt Ion:225 Resp: 2187

Ion Ratio Lower Upper

225 100

223 61.8 53.0 79.6

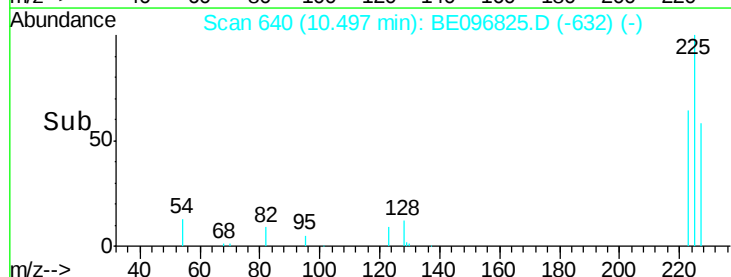
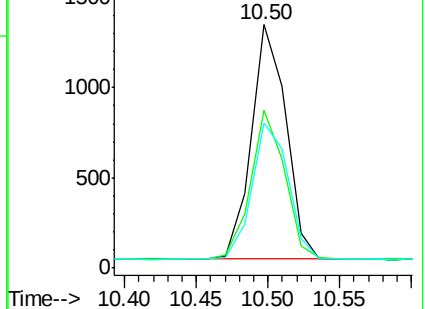
227 60.8 51.4 77.2

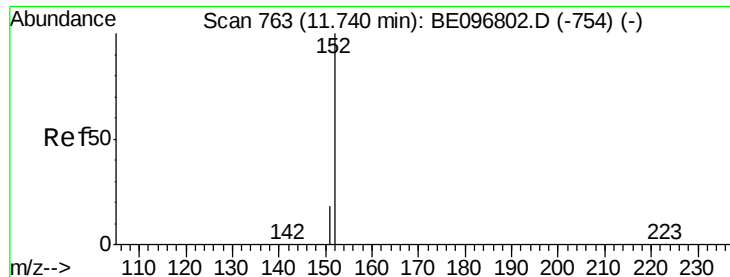


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



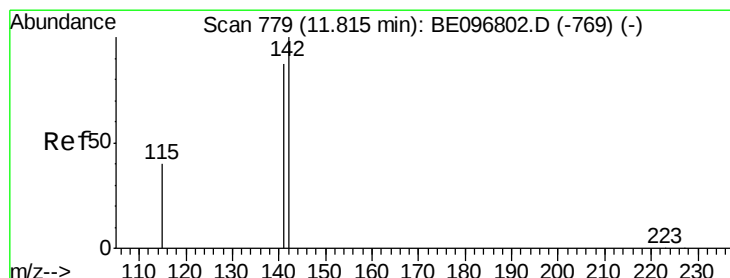
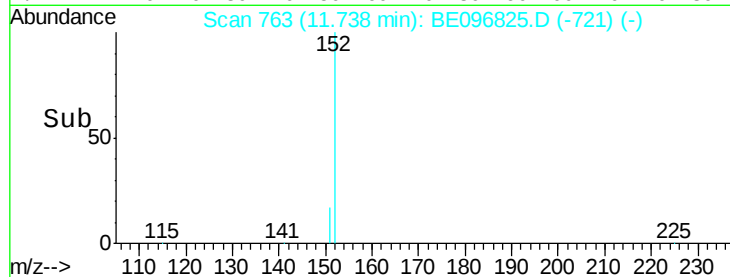
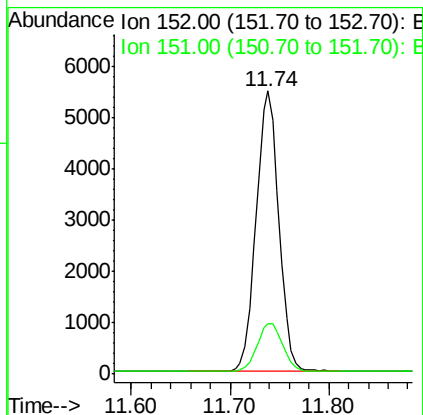
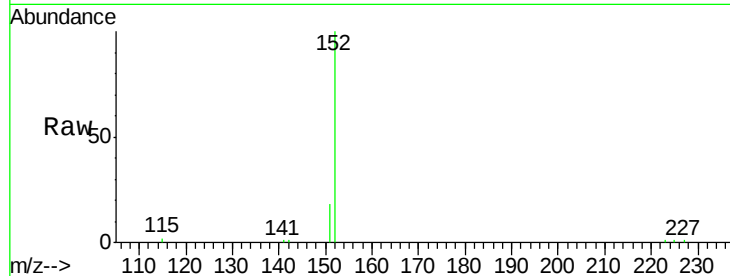


#11

2-Methylnaphthalene-d10
 Concen: 0.377 ng
 RT: 11.74 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE096825.D
 Acq: 19 Jun 2018 1:25

Instrument :
 BNA_E
 ClientSampleId :

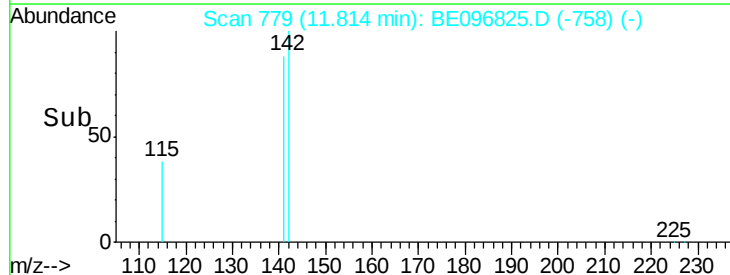
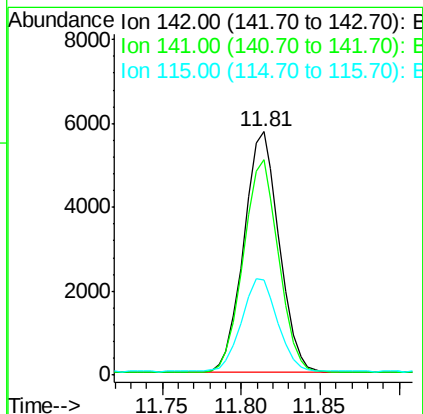
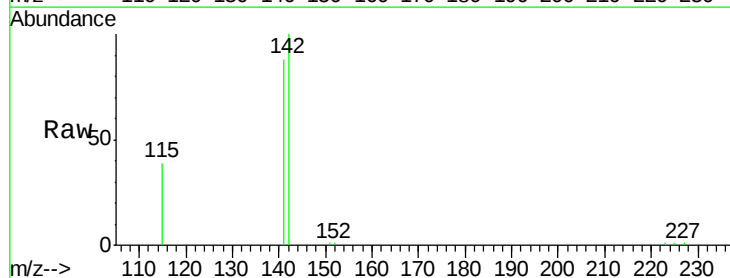
Tot Ion:152 Resp: 8782
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.0

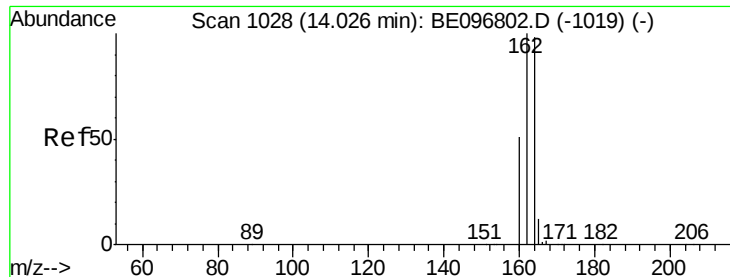


#12

2-Methylnaphthalene
 Concen: 0.372 ng
 RT: 11.81 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BE096825.D
 Acq: 19 Jun 2018 1:25

Tgt Ion:142 Resp: 8924
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.4 105.6
 115 38.9 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

Instrument :

BNA_E

ClientSampleId :

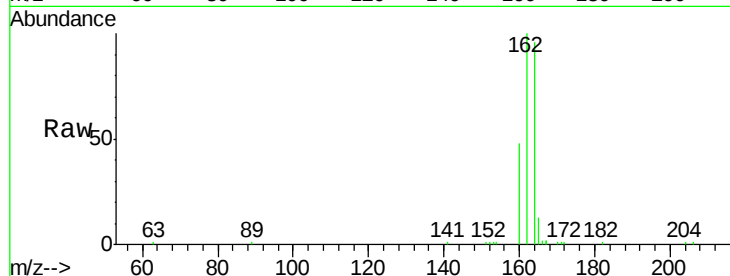
Tot Ion:164 Resp: 8537

Ion Ratio Lower Upper

164 100

162 104.1 83.1 124.7

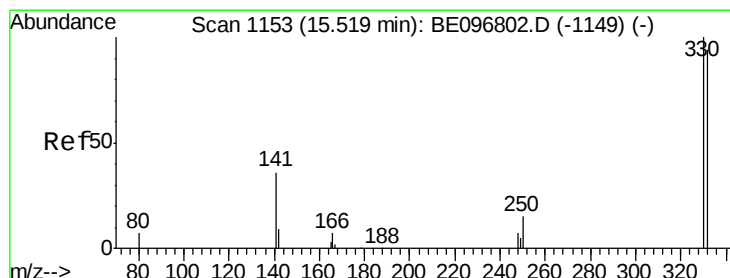
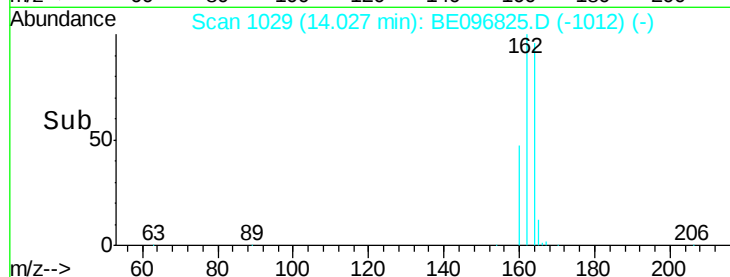
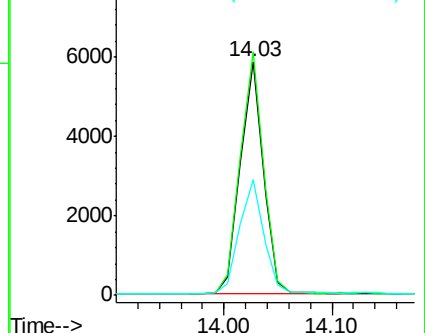
160 49.6 37.1 55.7



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: 0.580 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

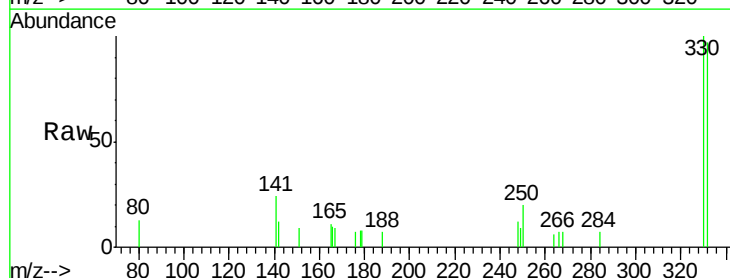
Tgt Ion:330 Resp: 1129

Ion Ratio Lower Upper

330 100

332 97.5 152.7 229.1#

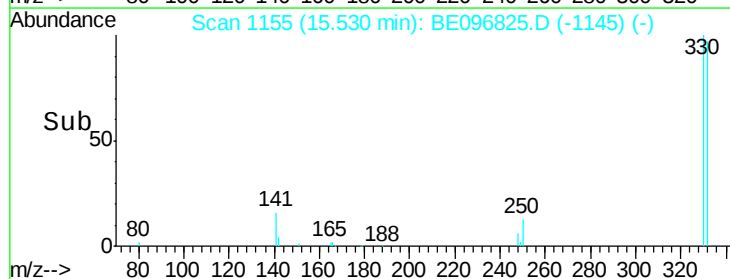
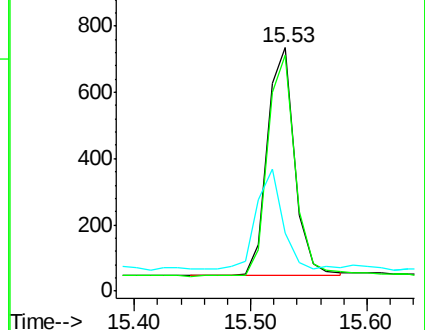
141 42.9 33.7 50.5

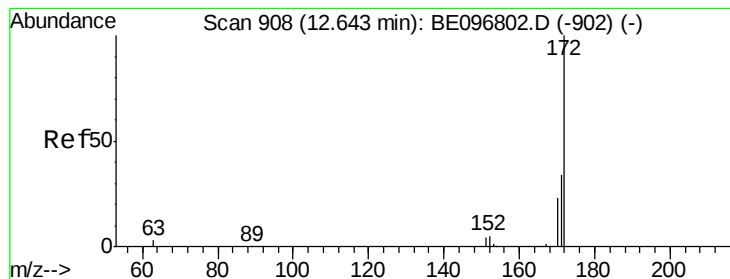


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.349 ng

RT: 12.64 min Scan# 909

Delta R.T. 0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

Instrument :

BNA_E

ClientSampleId :

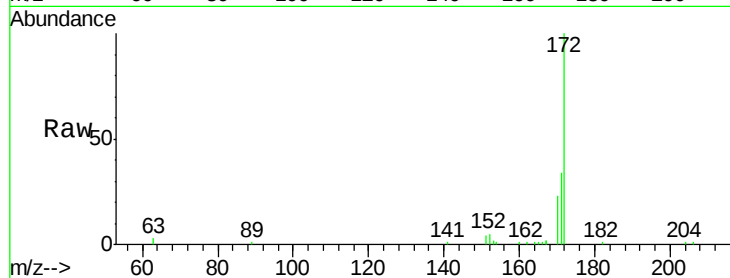
Tot Ion:172 Resp: 12247

Ion Ratio Lower Upper

172 100

171 34.4 29.9 44.9

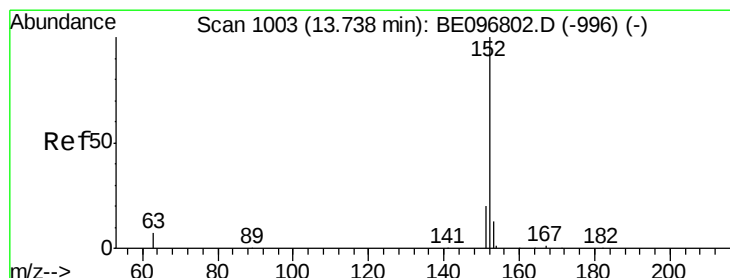
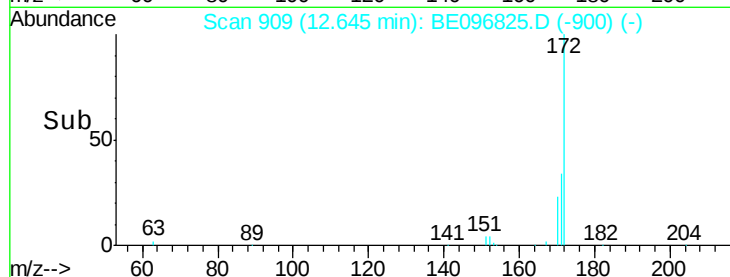
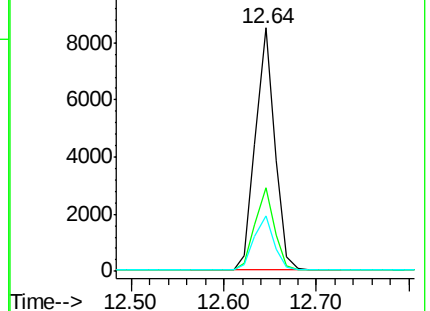
170 23.0 21.8 32.8



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: 0.377 ng

RT: 13.74 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

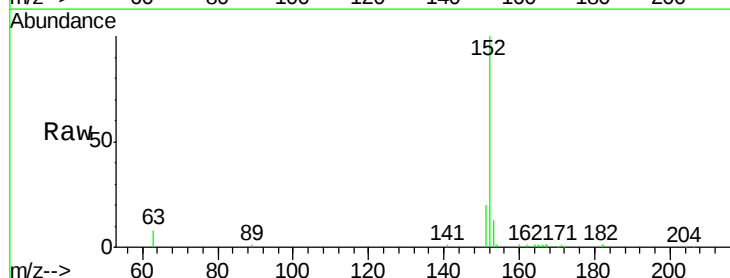
Tgt Ion:152 Resp: 15185

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

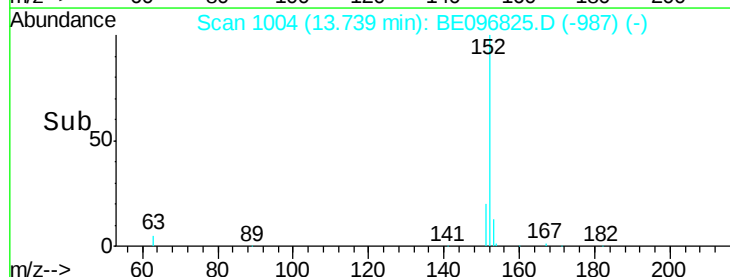
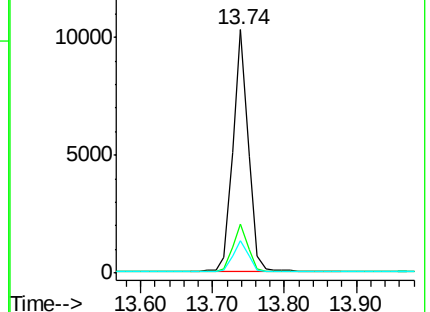
153 13.0 10.5 15.7

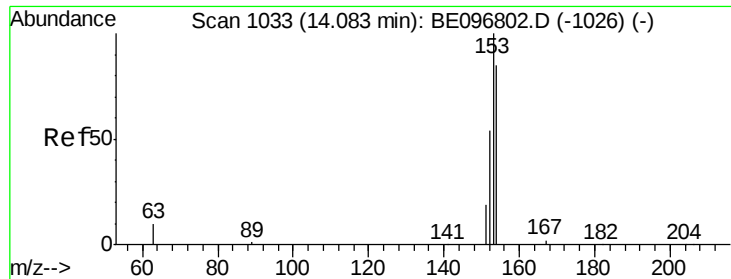


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.365 ng

RT: 14.08 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

Instrument :

BNA_E

ClientSampleId :

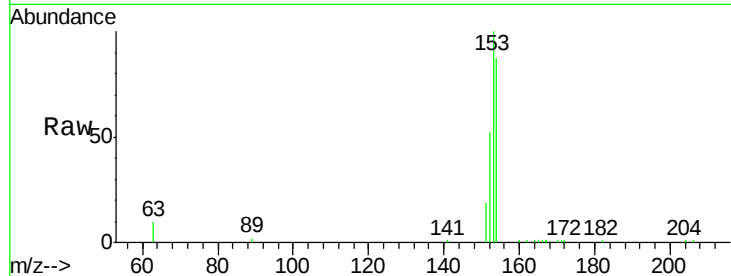
Tot Ion:154 Resp: 9872

Ion Ratio Lower Upper

154 100

153 112.4 89.2 133.8

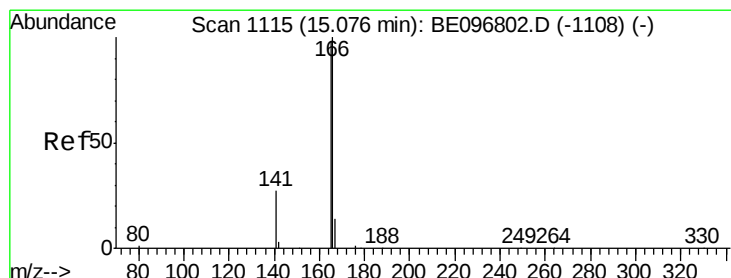
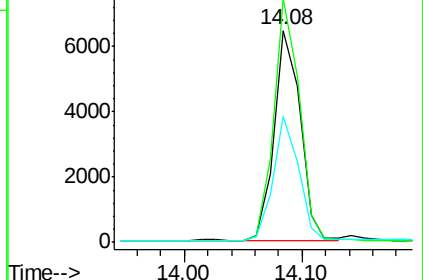
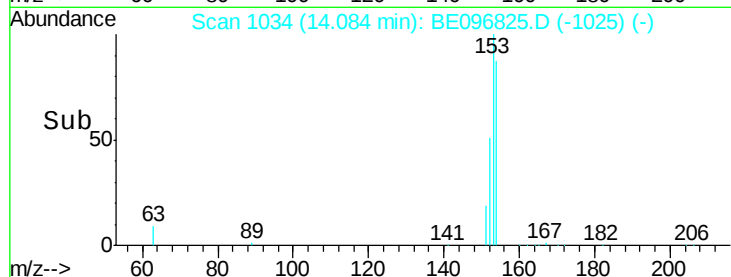
152 57.4 42.0 63.0



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: 0.372 ng

RT: 15.08 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

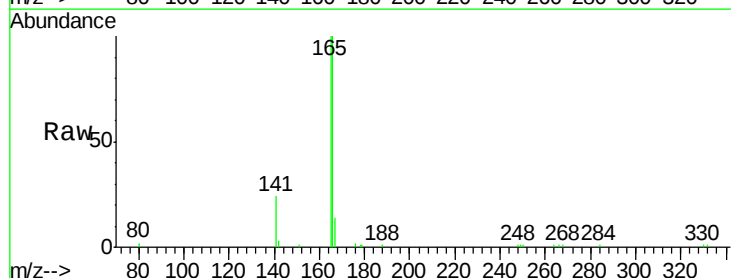
Tgt Ion:166 Resp: 11890

Ion Ratio Lower Upper

166 100

165 98.5 77.8 116.6

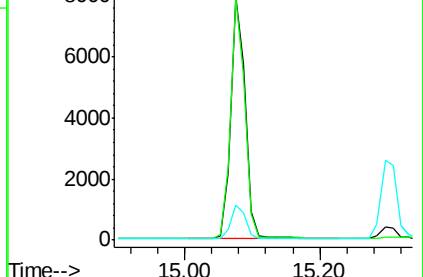
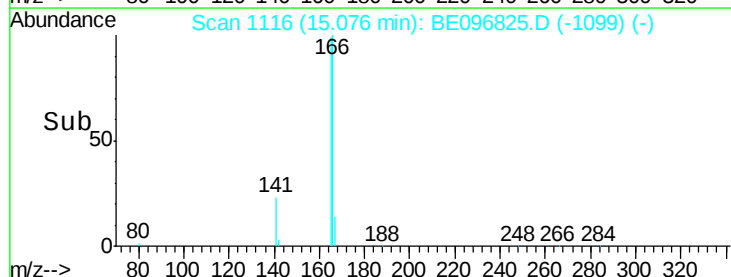
167 14.4 42.4 63.6#

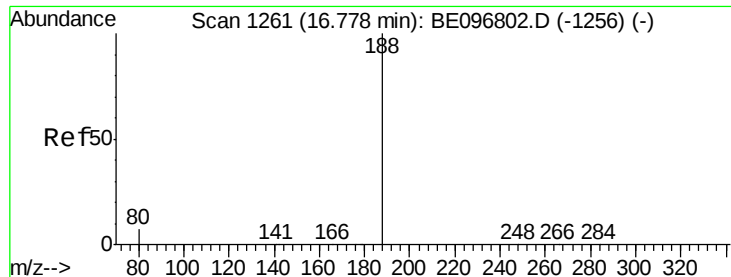


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1262

Delta R.T. -0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

Instrument :

BNA_E

ClientSampleId :

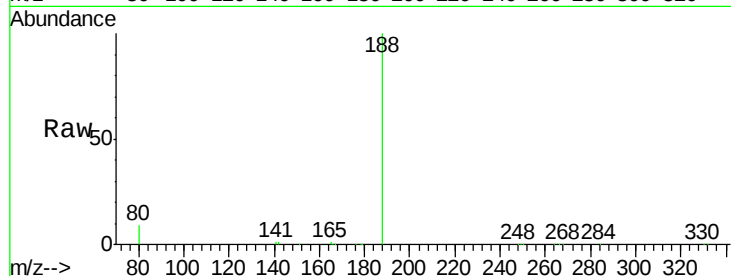
Tot Ion:188 Resp: 22616

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

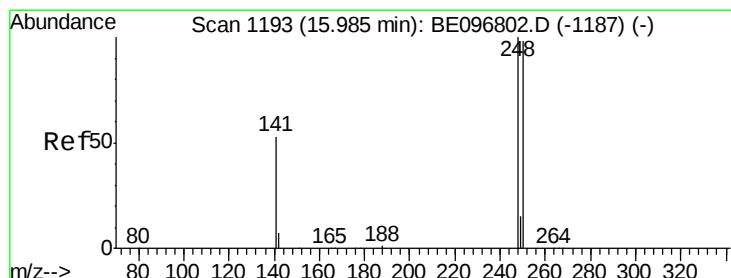
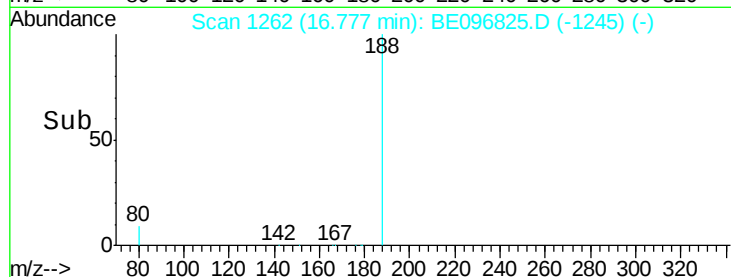
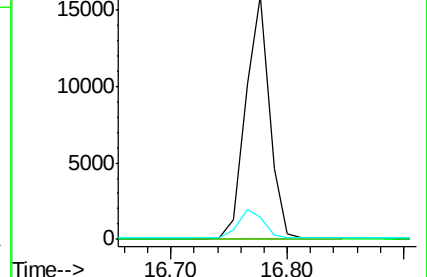
80 9.2 3.6 5.4#



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: 0.369 ng

RT: 15.98 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

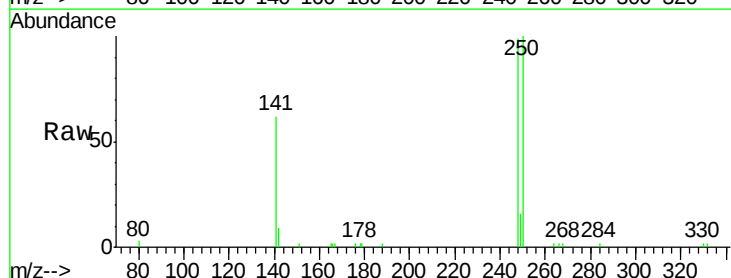
Tgt Ion:248 Resp: 4066

Ion Ratio Lower Upper

248 100

250 100.5 62.7 94.1#

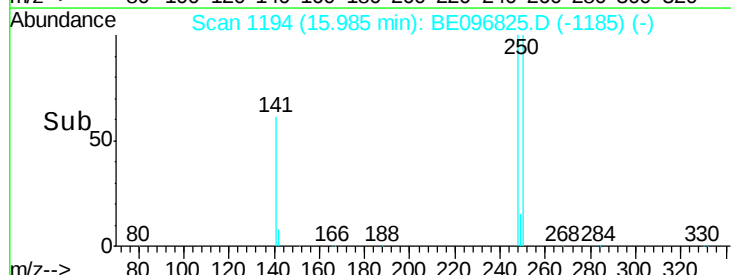
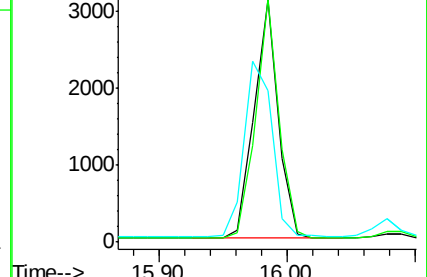
141 62.3 48.2 72.2

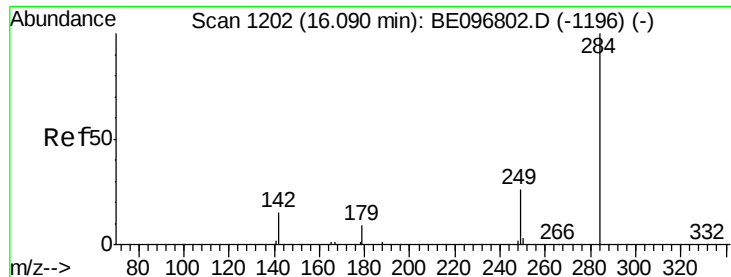


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.340 ng

RT: 16.09 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

Instrument :

BNA_E

ClientSampleId :

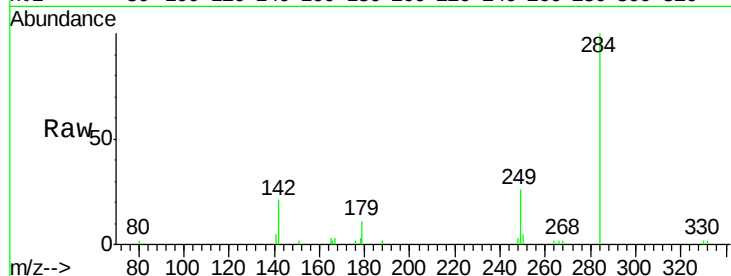
Tot Ion:284 Resp: 4398

Ion Ratio Lower Upper

284 100

142 40.5 22.1 33.1#

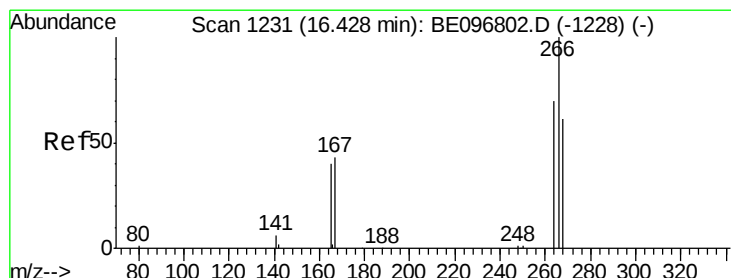
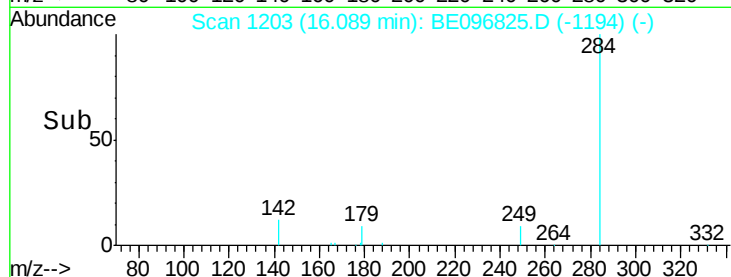
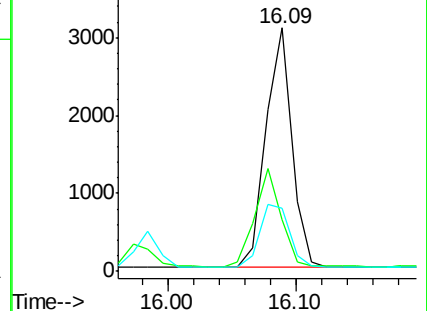
249 30.3 34.8 52.2#



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: 0.662 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

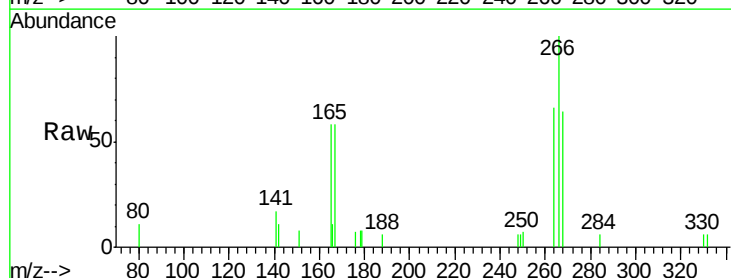
Tgt Ion:266 Resp: 1526

Ion Ratio Lower Upper

266 100

264 65.8 72.5 108.7#

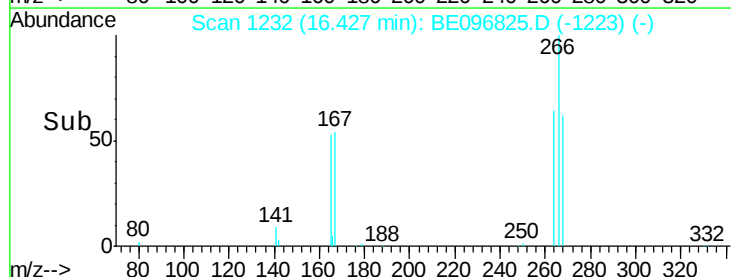
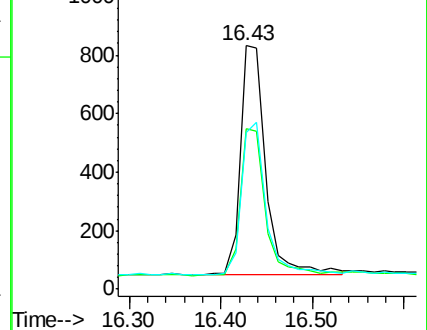
268 64.5 73.8 110.6#

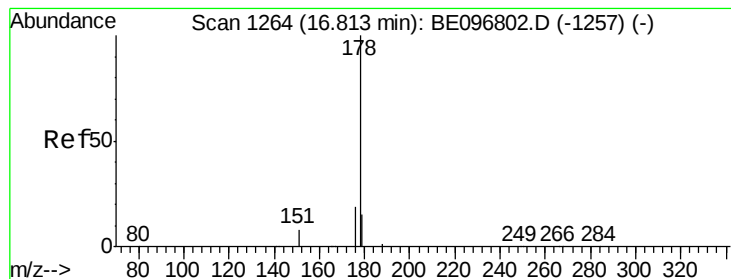


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.355 ng

RT: 16.81 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

Instrument :

BNA_E

ClientSampleId :

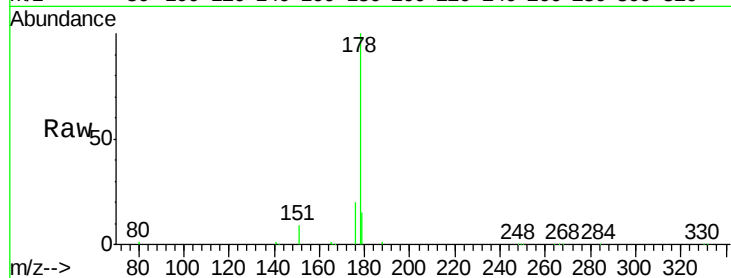
Tot Ion:178 Resp: 21837

Ion Ratio Lower Upper

178 100

176 19.9 15.1 22.7

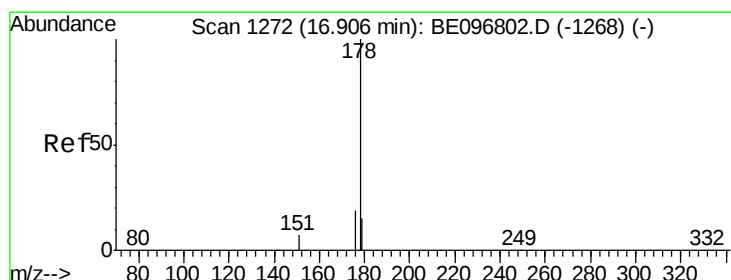
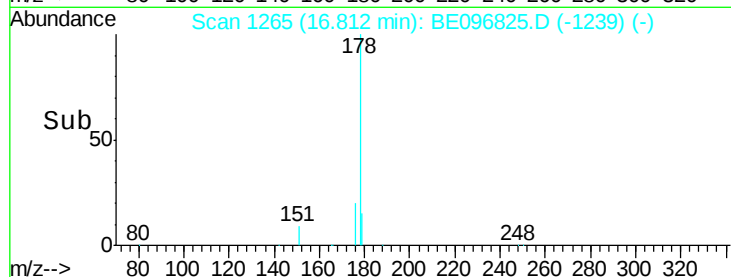
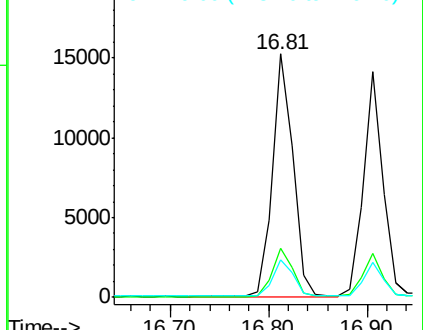
179 15.2 11.8 17.6



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: 0.381 ng

RT: 16.91 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

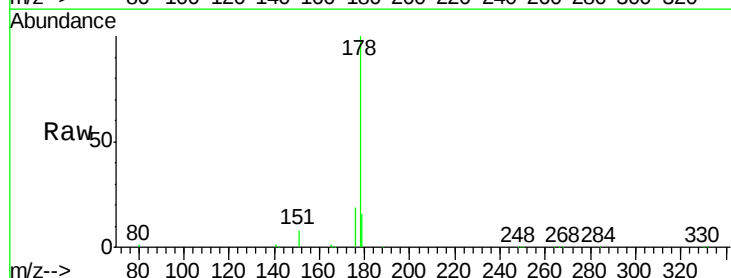
Tgt Ion:178 Resp: 19231

Ion Ratio Lower Upper

178 100

176 19.1 12.8 19.2

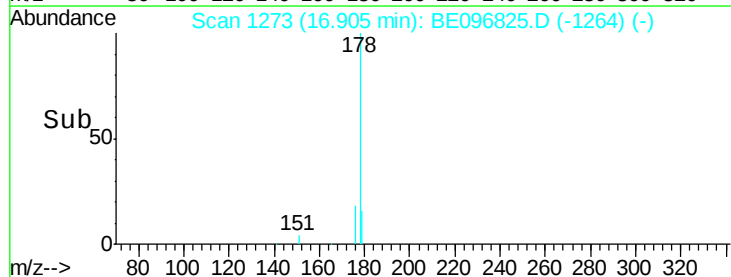
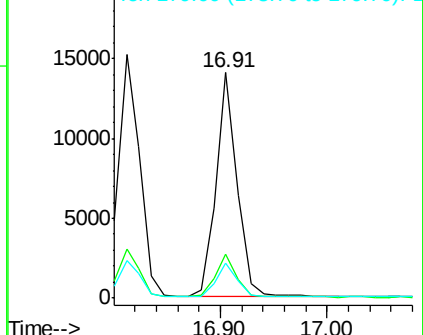
179 15.5 13.0 19.6

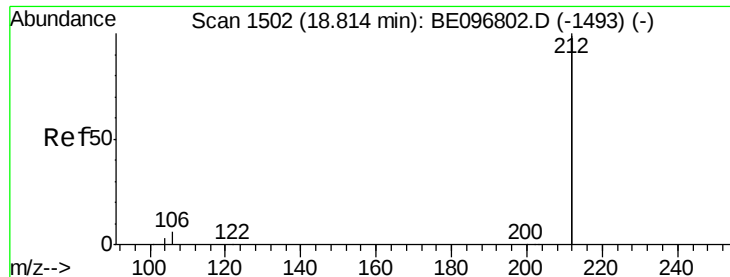


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.395 ng

RT: 18.82 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

Instrument :

BNA_E

ClientSampleId :

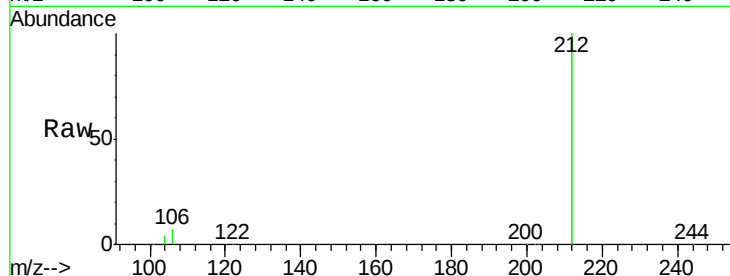
Tot Ion:212 Resp: 87351

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

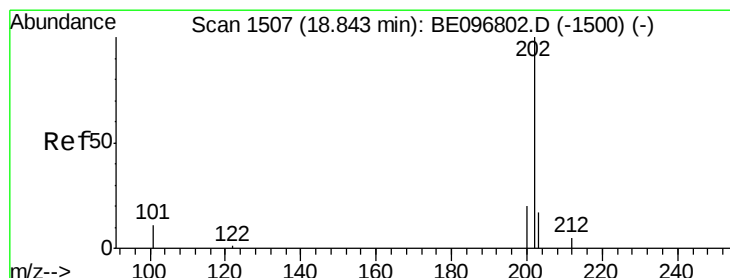
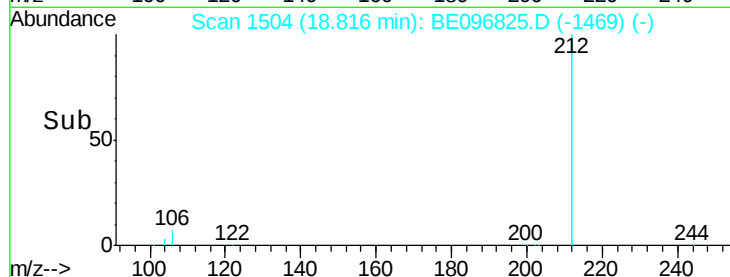
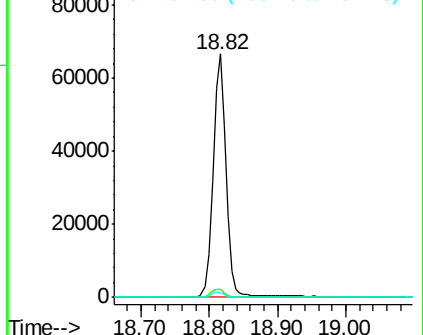
104 2.0 1.6 2.4



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: 0.380 ng

RT: 18.84 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

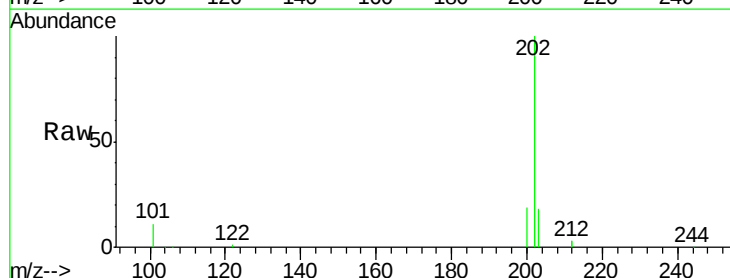
Tgt Ion:202 Resp: 24733

Ion Ratio Lower Upper

202 100

101 11.8 9.8 14.8

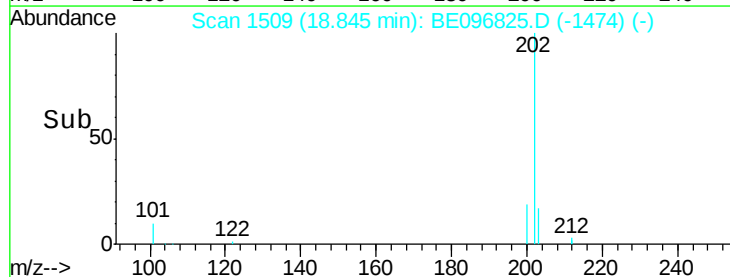
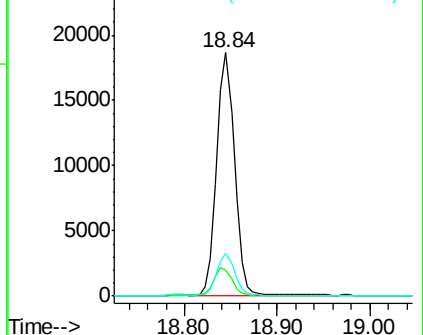
203 17.0 13.7 20.5

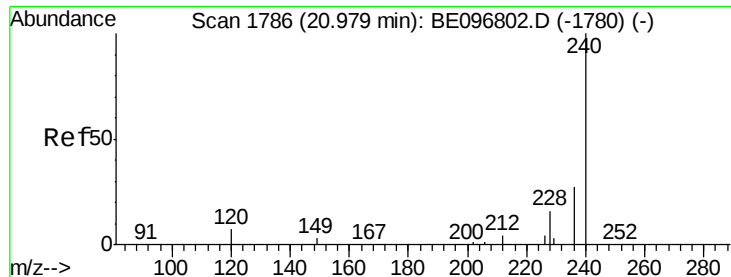


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

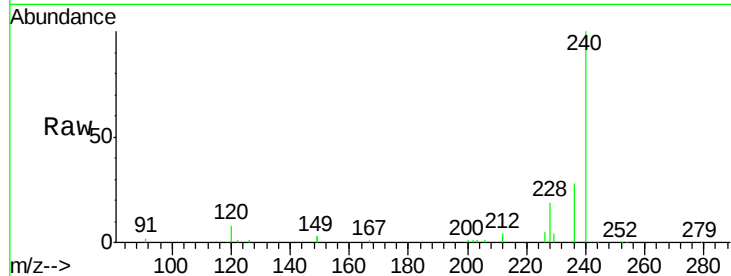




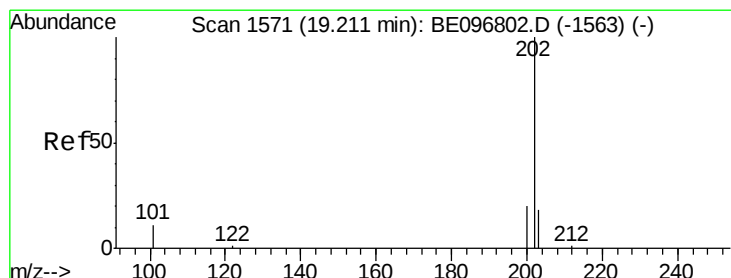
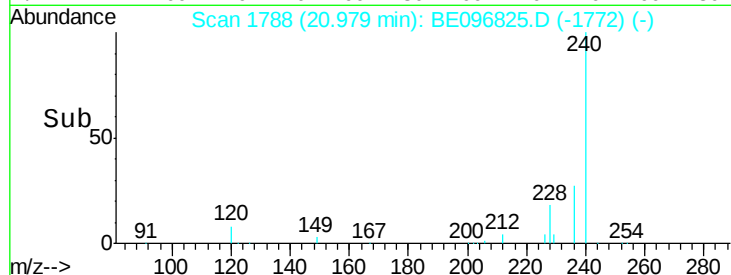
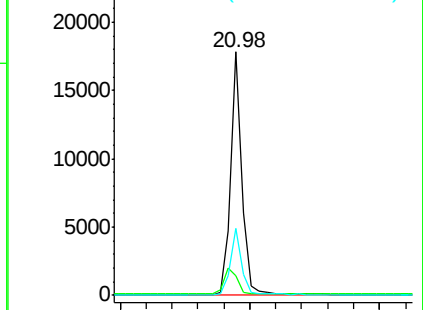
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BE096825.D
Acq: 19 Jun 2018 1:25

Instrument :
BNA_E
ClientSampled :

Tot Ion:240 Resp: 21694
Ion Ratio Lower Upper
240 100
120 8.1 5.5 8.3
236 27.6 20.7 31.1

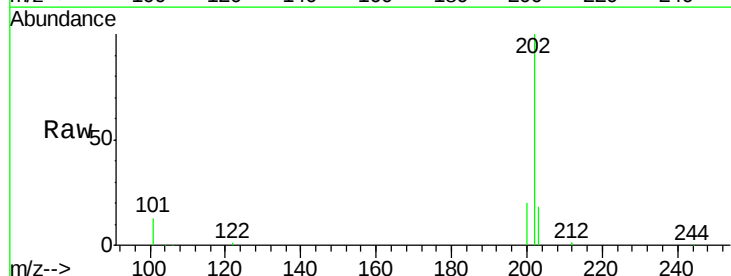


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

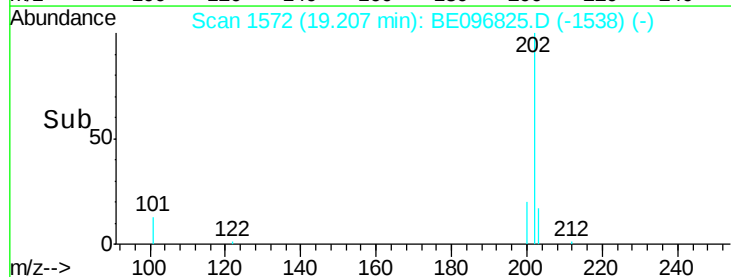
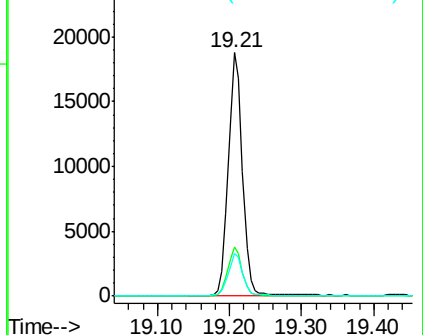


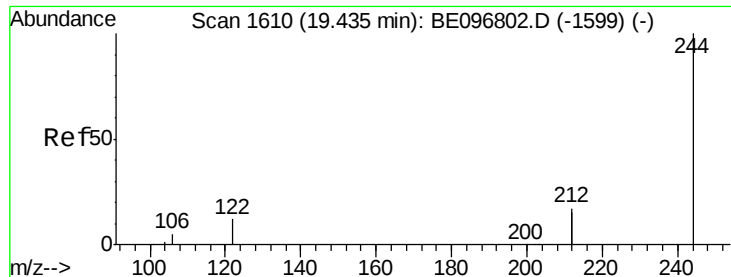
#28
Pyrene
Concen: 0.355 ng
RT: 19.21 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BE096825.D
Acq: 19 Jun 2018 1:25

Tgt Ion:202 Resp: 25304
Ion Ratio Lower Upper
202 100
200 20.0 16.6 25.0
203 17.4 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: 0.350 ng

RT: 19.44 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

Instrument :

BNA_E

ClientSampleId :

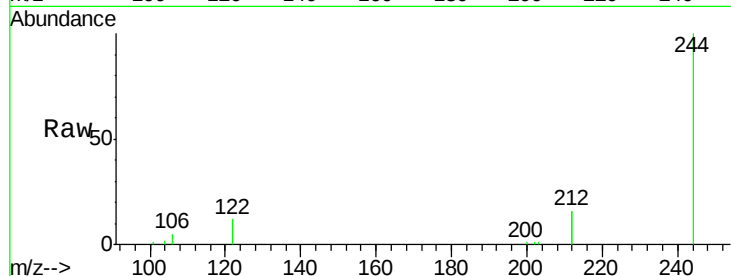
Tot Ion:244 Resp: 17205

Ion Ratio Lower Upper

244 100

212 32.7 25.4 38.0

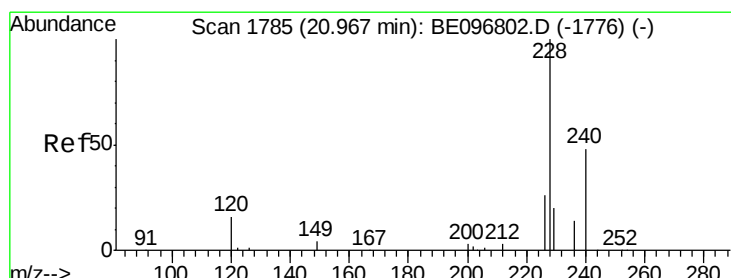
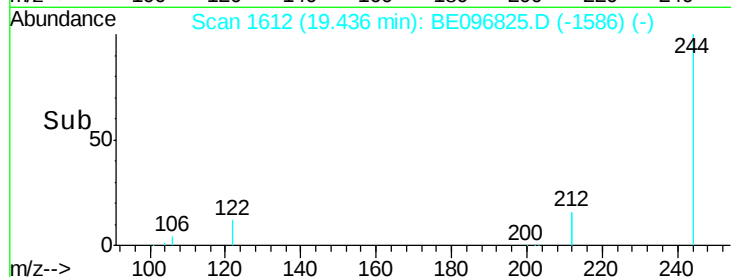
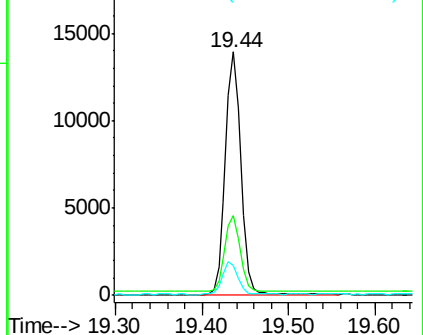
122 12.2 8.1 12.1#



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: 0.434 ng

RT: 20.97 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

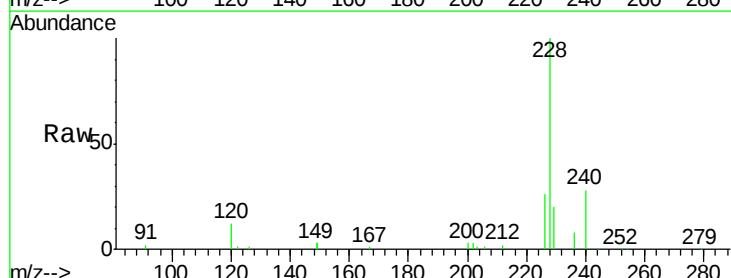
Tgt Ion:228 Resp: 22805

Ion Ratio Lower Upper

228 100

226 26.5 24.0 36.0

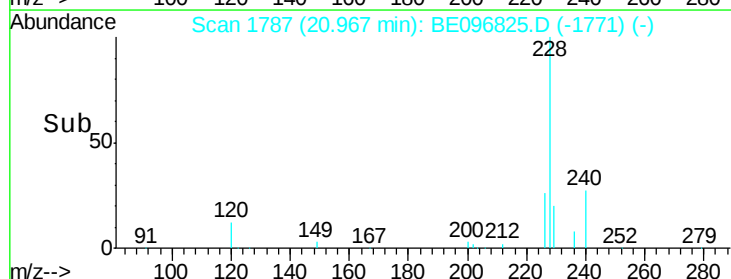
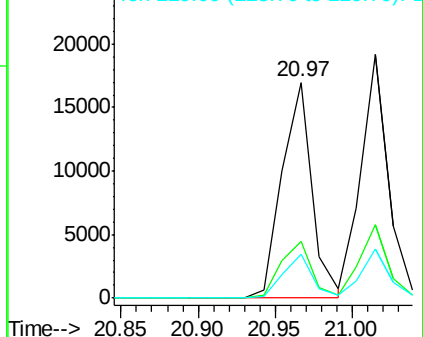
229 20.2 16.0 24.0

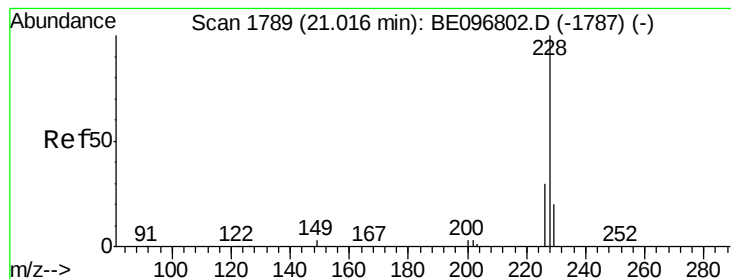


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.356 ng

RT: 21.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

Instrument :

BNA_E

ClientSampleId :

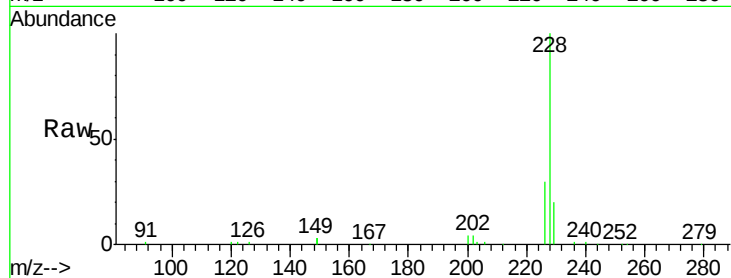
Tot Ion:228 Resp: 23591

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

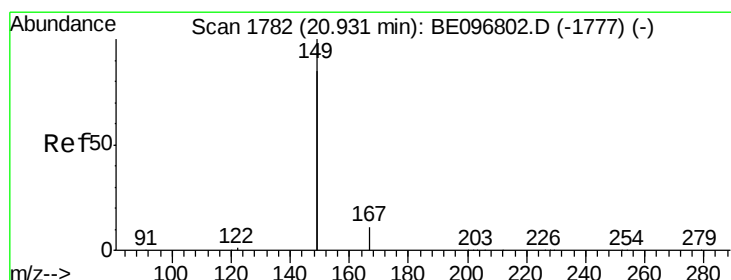
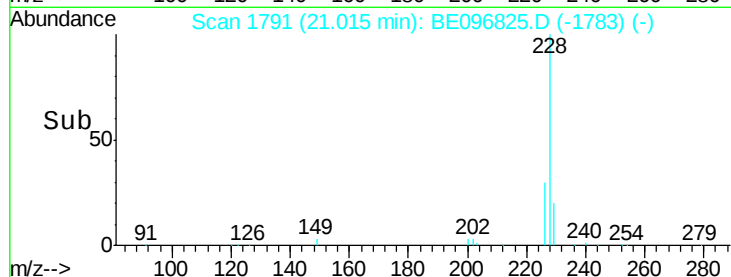
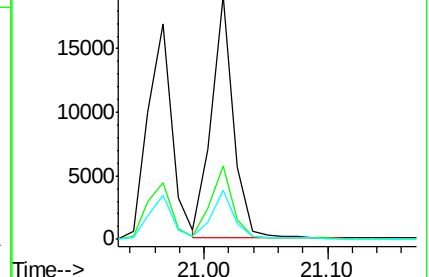
229 20.0 16.0 24.0



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: 0.879 ng

RT: 20.94 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

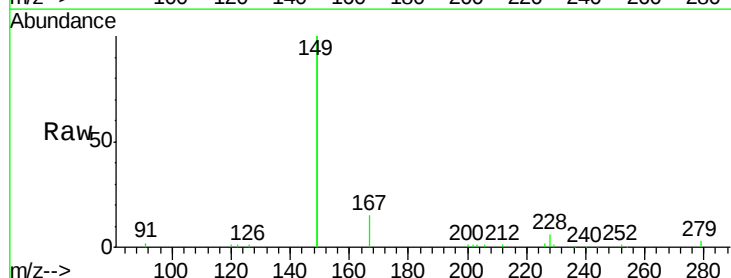
Tgt Ion:149 Resp: 34718

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

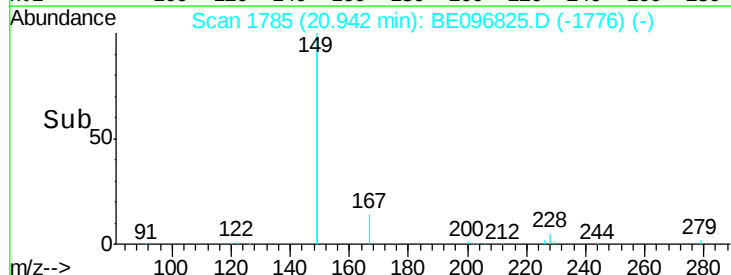
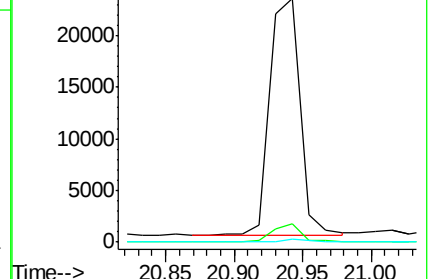
279 0.9 0.7 1.1

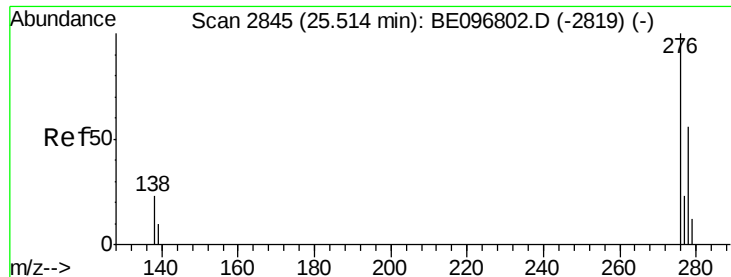


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

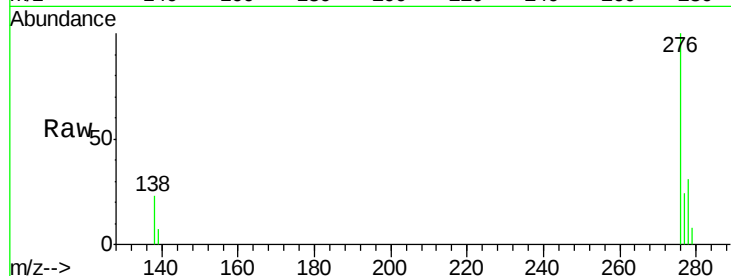




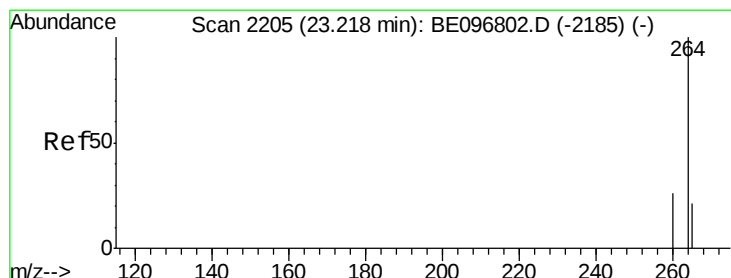
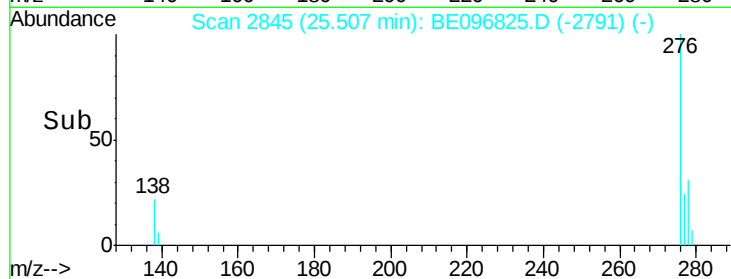
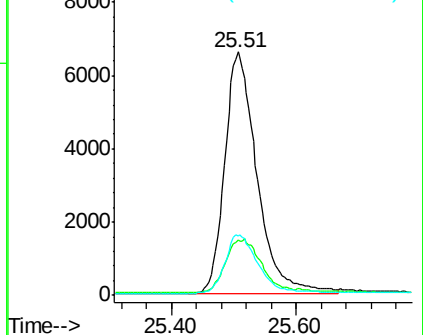
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.478 ng
 RT: 25.51 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BE096825.D
 Acq: 19 Jun 2018 1:25

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 23770
 Ion Ratio Lower Upper
 276 100
 138 24.4 22.5 33.7
 277 24.3 19.9 29.9

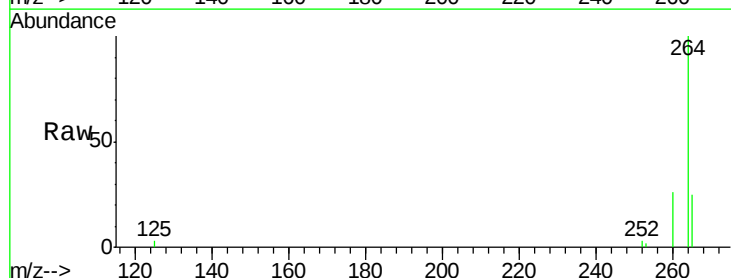


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

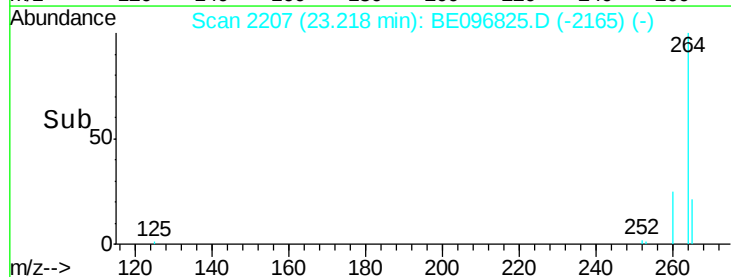
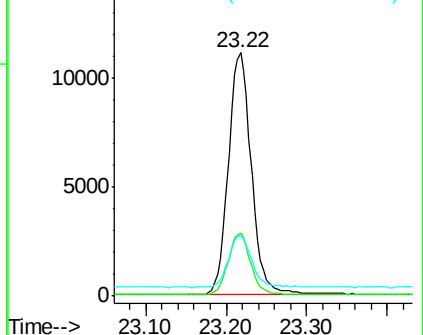


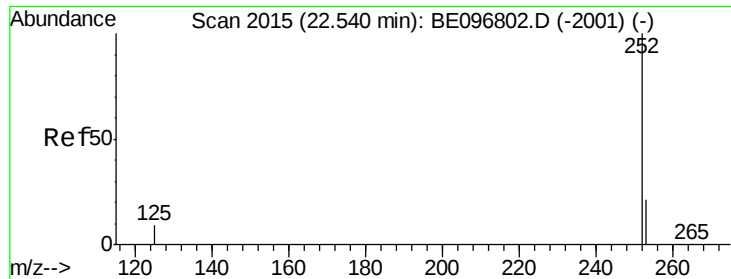
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE096825.D
 Acq: 19 Jun 2018 1:25

Tgt Ion:264 Resp: 22134
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.5 30.7
 265 24.8 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: 0.369 ng

RT: 22.54 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

Instrument :

BNA_E

ClientSampleId :

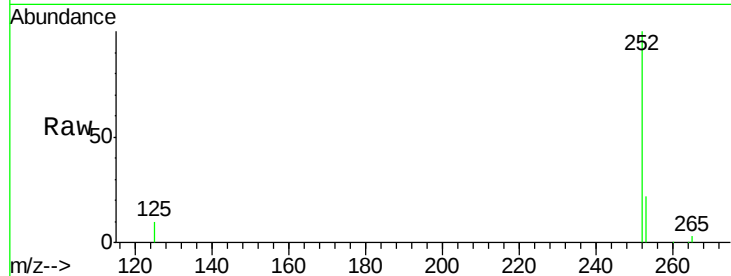
Tot Ion:252 Resp: 22452

Ion Ratio Lower Upper

252 100

253 22.4 20.0 30.0

125 10.4 16.0 24.0#

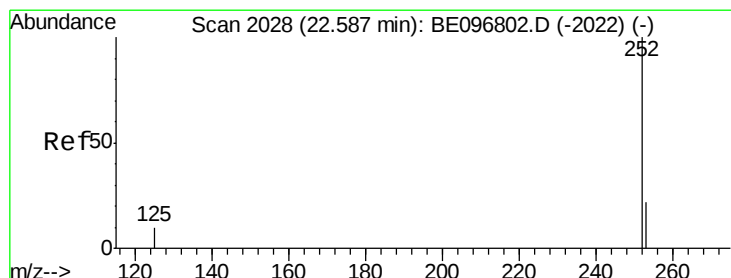
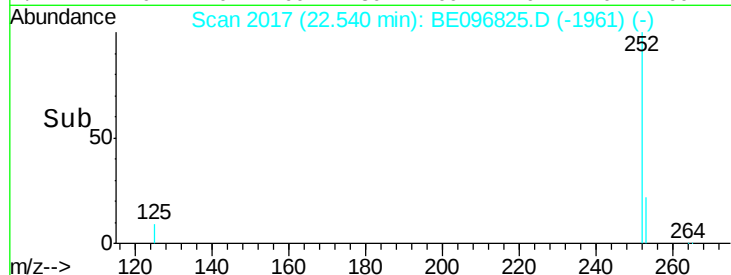
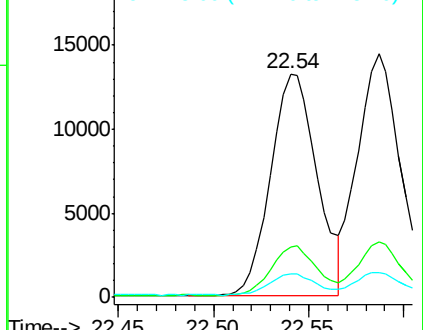


Abundance

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: 0.324 ng

RT: 22.59 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

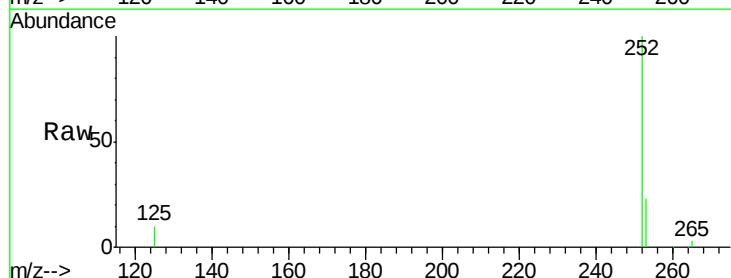
Tgt Ion:252 Resp: 23440

Ion Ratio Lower Upper

252 100

253 22.8 16.0 24.0

125 10.3 8.0 12.0

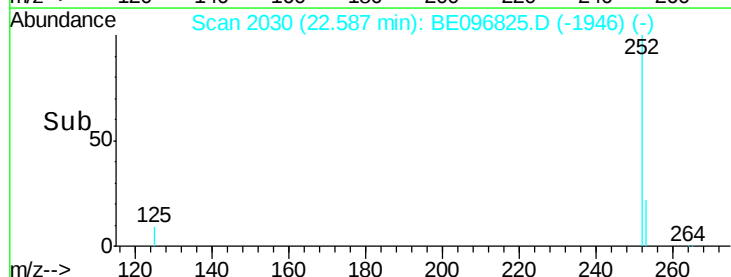
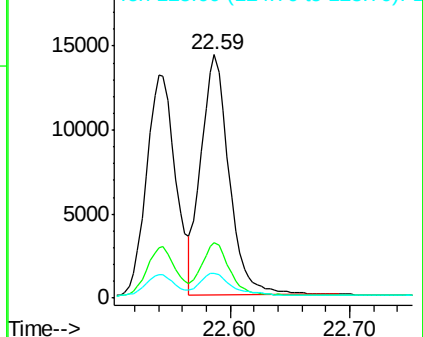


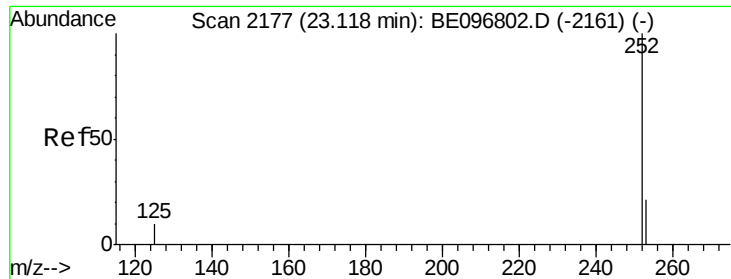
Abundance

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: 0.398 ng

RT: 23.12 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

Instrument :

BNA_E

ClientSampleId :

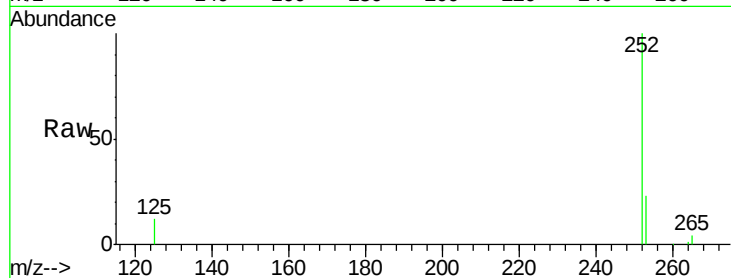
Tot Ion:252 Resp: 21015

Ion Ratio Lower Upper

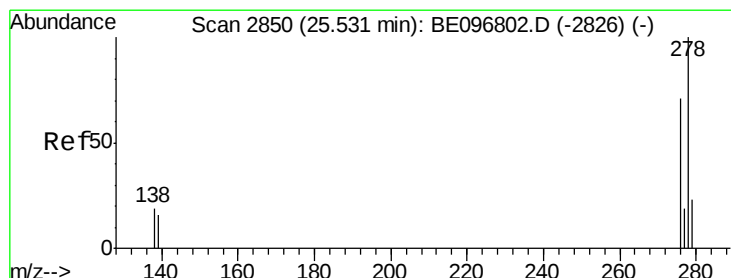
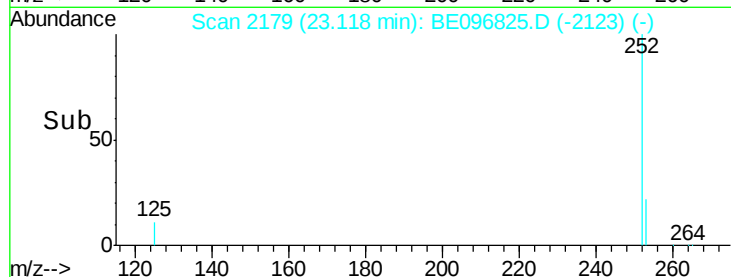
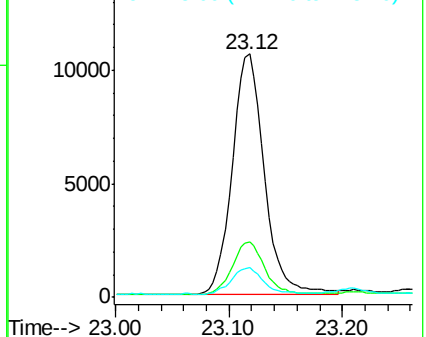
252 100

253 22.6 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: 0.392 ng

RT: 25.54 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

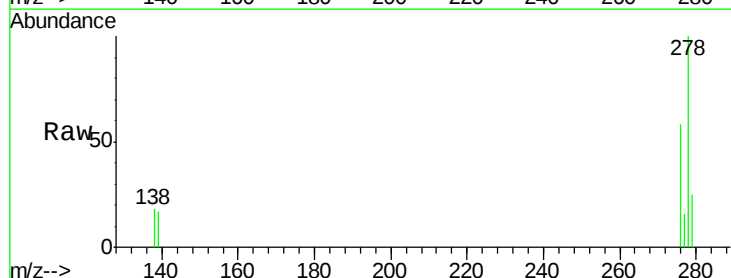
Tgt Ion:278 Resp: 19799

Ion Ratio Lower Upper

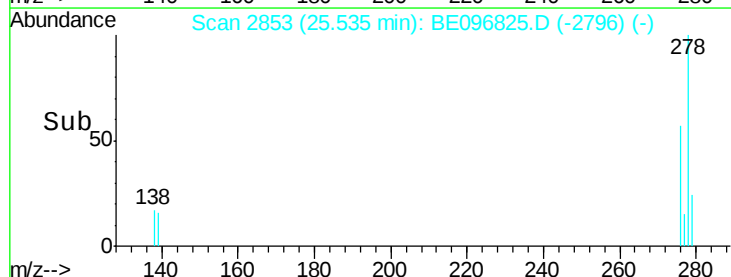
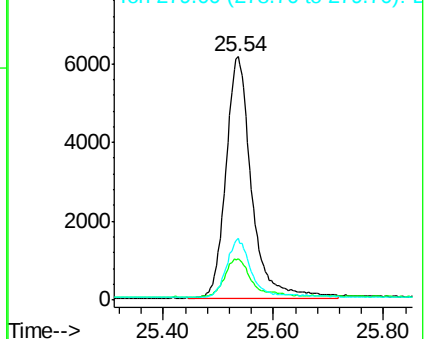
278 100

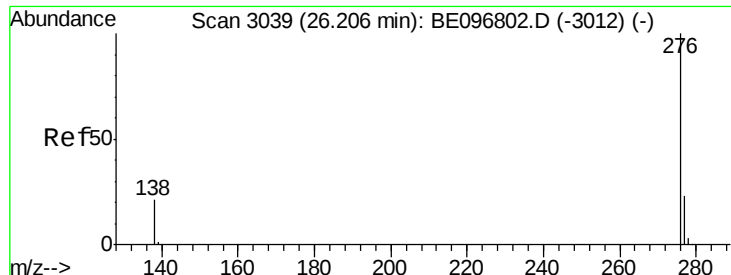
139 17.2 16.0 24.0

279 25.2 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: 0.368 ng

RT: 26.21 min Scan# 3041

Delta R.T. 0.00 min

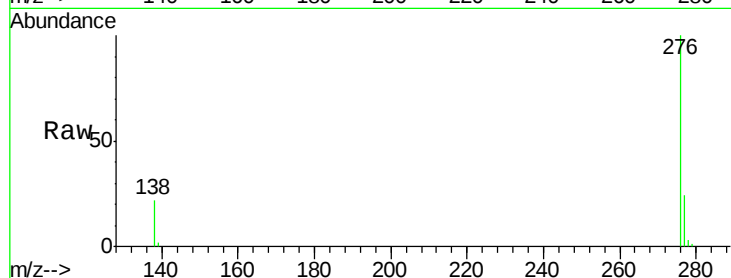
Lab File: BE096825.D

Acq: 19 Jun 2018 1:25

Instrument :

BNA_E

ClientSampleId :



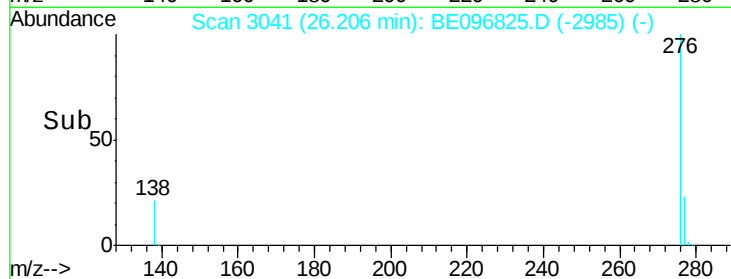
Tot Ion: 276 Resp: 20641

Ion Ratio Lower Upper

276 100

277 23.7 16.0 24.0

138 22.3 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

