

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
 Data File : BE097037.D
 Acq On : 23 Jul 2018 14:42
 Operator : SJ/JU
 Sample : J4048-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-11

Quant Time: Jul 23 15:36:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 11:34:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1477	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6918	0.40	ng	0.00
13) Acenaphthene-d10	14.02	164	4348	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	11307	0.40	ng	0.00
27) Chrysene-d12	20.98	240	14080	0.40	ng	0.00
34) Perylene-d12	23.21	264	13077	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	981	0.28	ng	0.00
5) Phenol-d6	6.60	99	802	0.15	ng	0.00
8) Nitrobenzene-d5	8.52	82	2634	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	5205	0.52	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	822	0.76	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	7630	0.47	ng	0.00
25) Fluoranthene-d10	18.81	212	64107	0.65	ng	0.00
29) Terphenyl-d14	19.43	244	14054	0.52	ng	0.00

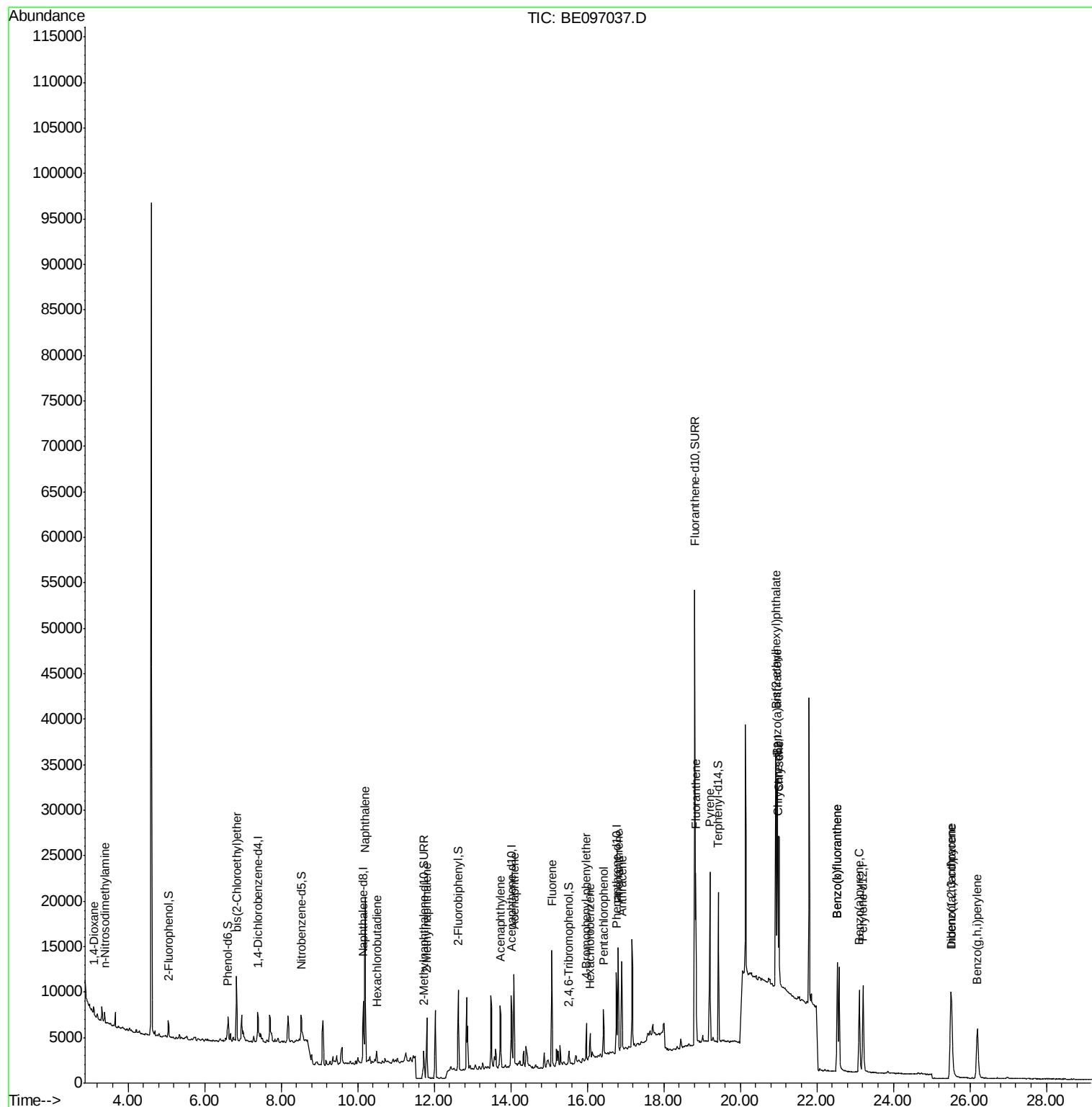
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.11	88	449	0.212	ng	# 1
3) n-Nitrosodimethylamine	3.38	42	542	0.228	ng	# 89
6) bis(2-Chloroethyl)ether	6.84	93	2237	0.423	ng	96
9) Naphthalene	10.20	128	27866	0.450	ng	100
10) Hexachlorobutadiene	10.50	225	1009	0.403	ng	98
12) 2-Methylnaphthalene	11.81	142	4591	0.437	ng	98
16) Acenaphthylene	13.73	152	7551	0.380	ng	97
17) Acenaphthene	14.08	154	5275	0.427	ng	96
18) Fluorene	15.08	166	7768	0.560	ng	# 78
20) 4-Bromophenyl-phenylether	15.97	248	2027	0.379	ng	# 72
21) Hexachlorobenzene	16.08	284	1929	0.325	ng	# 74
22) Pentachlorophenol	16.43	266	2478	1.706	ng	# 71
23) Phenanthrene	16.81	178	12136	0.448	ng	96
24) Anthracene	16.90	178	11748	0.499	ng	# 95
26) Fluoranthene	18.84	202	16726	0.586	ng	98
28) Pyrene	19.20	202	17394	0.419	ng	98
30) Benzo(a)anthracene	20.95	228	16820	0.502	ng	98
31) Chrysene	21.02	228	17030	0.453	ng	97
32) Bis(2-ethylhexyl)phthalate	20.93	149	34395	1.028	ng	100
33) Indeno(1,2,3-cd)pyrene	25.50	276	15116	0.552	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	15263	0.457	ng	# 90
36) Benzo(k)fluoranthene	22.53	252	15263	0.384	ng	94
37) Benzo(a)pyrene	23.11	252	14281	0.477	ng	# 92
38) Dibenzo(a,h)anthracene	25.52	278	12325	0.495	ng	97
39) Benzo(g,h,i)perylene	26.20	276	13028	0.480	ng	# 90

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
Data File : BE097037.D
Acq On : 23 Jul 2018 14:42
Operator : SJ/JU
Sample : J4048-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
YT-MW-11

Quant Time: Jul 23 15:36:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 11:34:20 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

Instrument :

BNA_E

ClientSampleId :

YT-MW-11

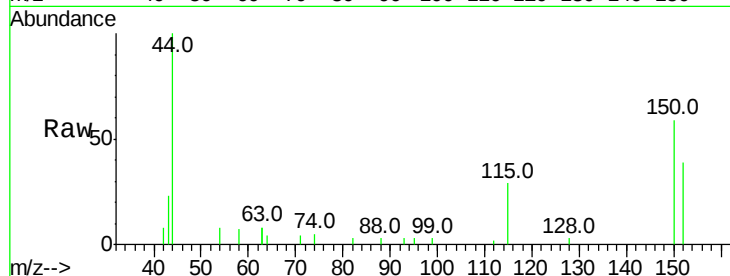
Tot Ion:152 Resp: 1477

Ion Ratio Lower Upper

152 100

150 152.5 117.2 175.8

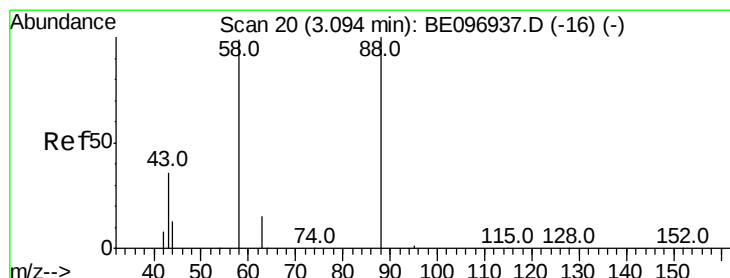
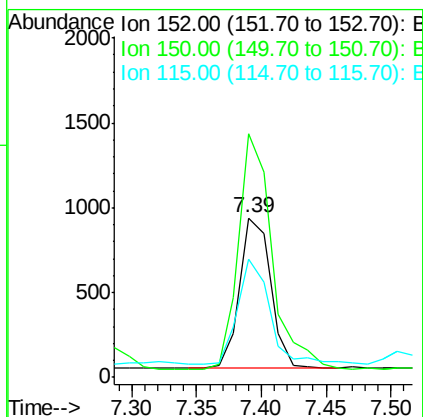
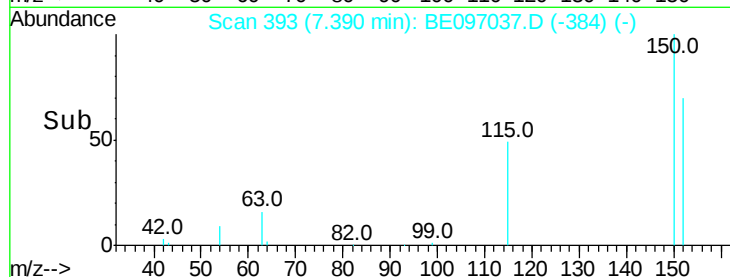
115 74.0 57.0 85.6



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: 0.212 ng

RT: 3.11 min Scan# 21

Delta R.T. 0.01 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

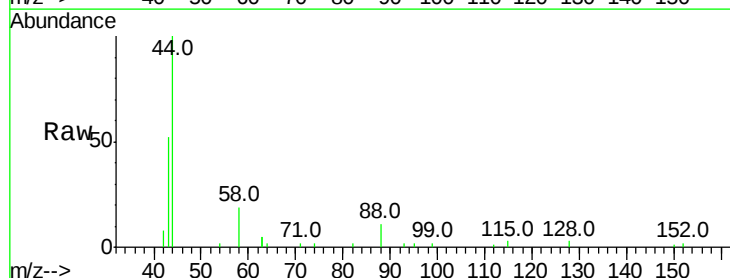
Tgt Ion: 88 Resp: 449

Ion Ratio Lower Upper

88 100

58 89.8 63.2 94.8

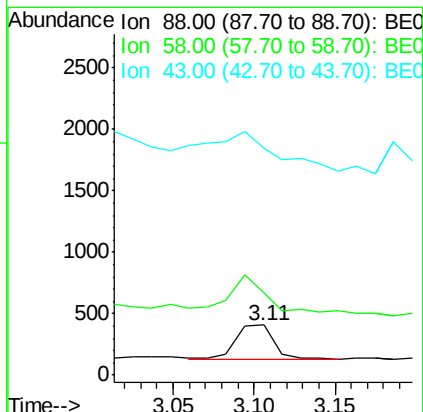
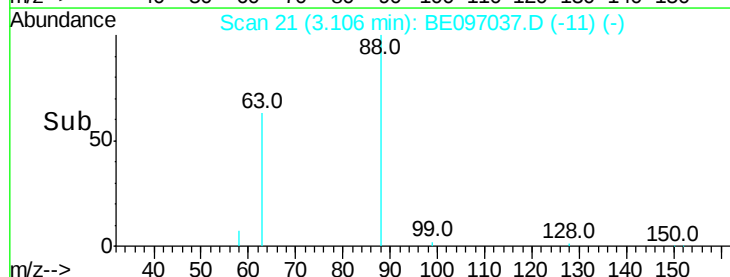
43 218.5 41.2 61.8#



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



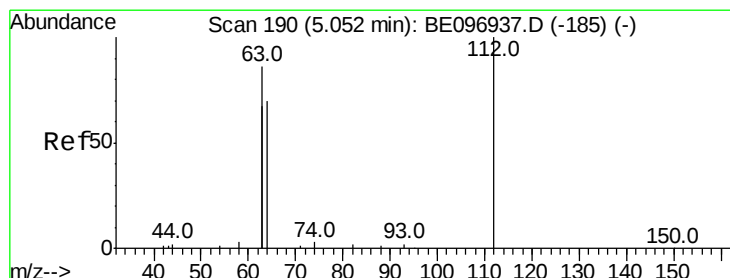
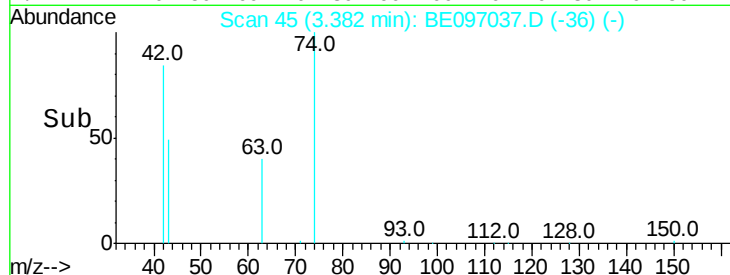
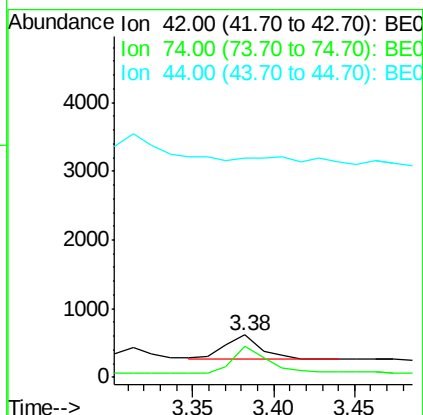
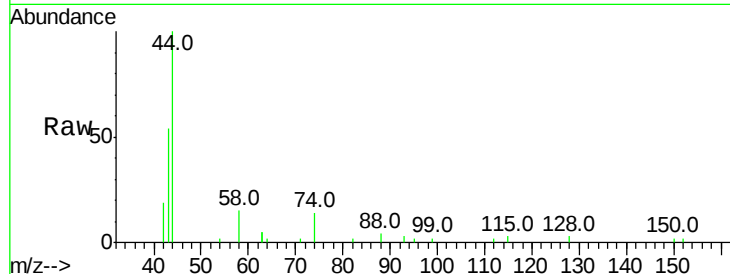


#3

n-Nitrosodimethylamine
 Concen: 0.228 ng
 RT: 3.38 min Scan# 45
 Delta R.T. -0.00 min
 Lab File: BE097037.D
 Acq: 23 Jul 2018 14:42

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-11

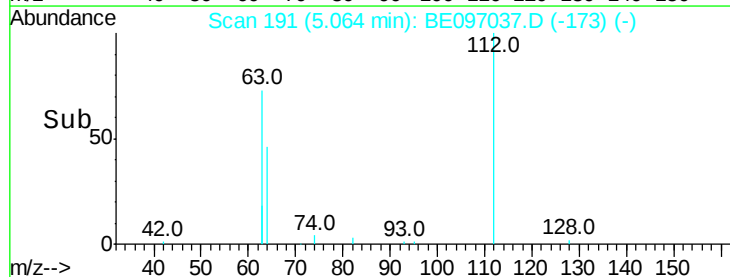
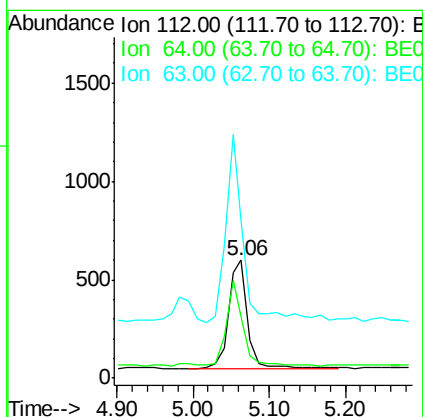
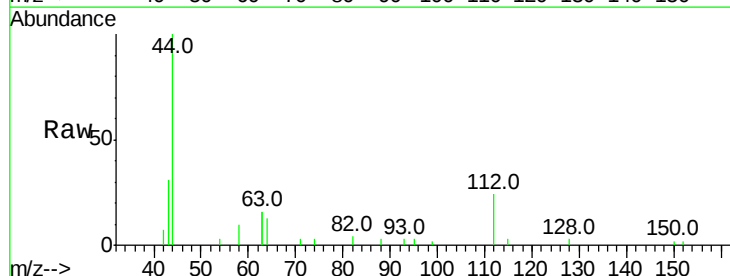
Tot Ion: 42 Resp: 542
 Ion Ratio Lower Upper
 42 100
 74 110.9 96.0 144.0
 44 0.0 12.0 18.0#

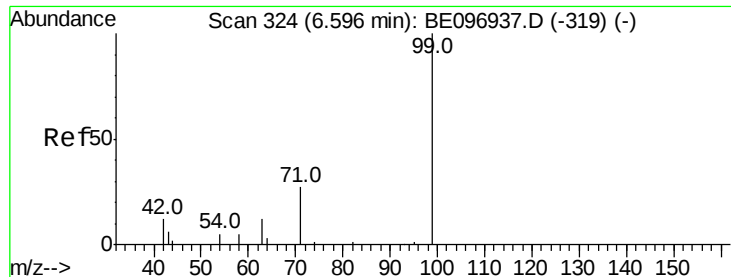


#4

2-Fluorophenol
 Concen: 0.278 ng
 RT: 5.06 min Scan# 191
 Delta R.T. 0.01 min
 Lab File: BE097037.D
 Acq: 23 Jul 2018 14:42

Tgt Ion: 112 Resp: 981
 Ion Ratio Lower Upper
 112 100
 64 66.7 60.1 90.1
 63 166.4 116.8 175.2





#5

Phenol-d6

Concen: 0.149 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

Instrument :

BNA_E

ClientSampled :

YT-MW-11

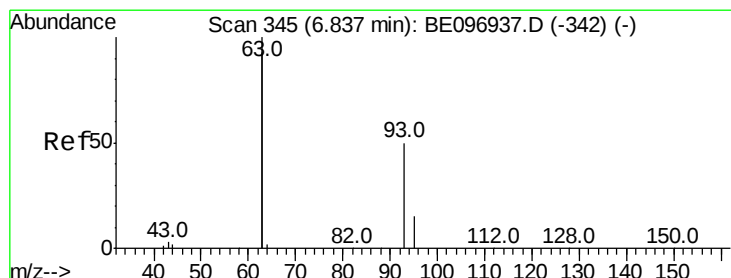
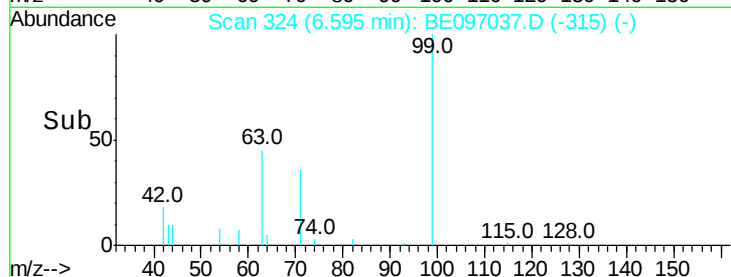
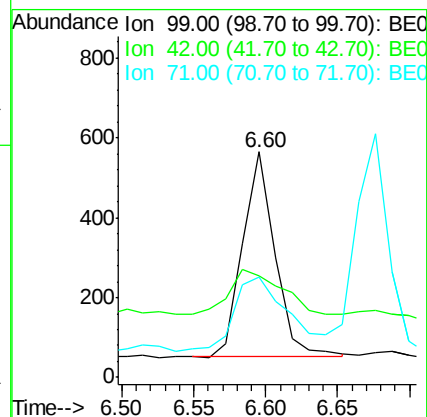
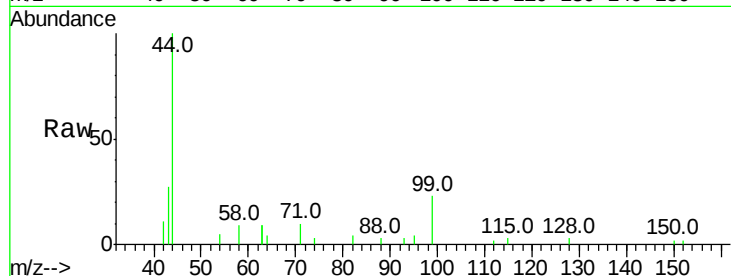
Tot Ion: 99 Resp: 802

Ion Ratio Lower Upper

99 100

42 33.9 20.2 30.2#

71 60.0 28.4 42.6#



#6

bis(2-Chloroethyl)ether

Concen: 0.423 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

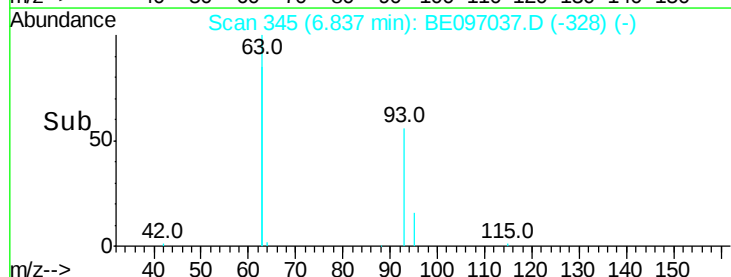
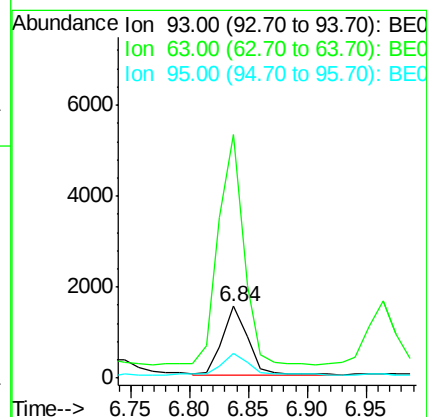
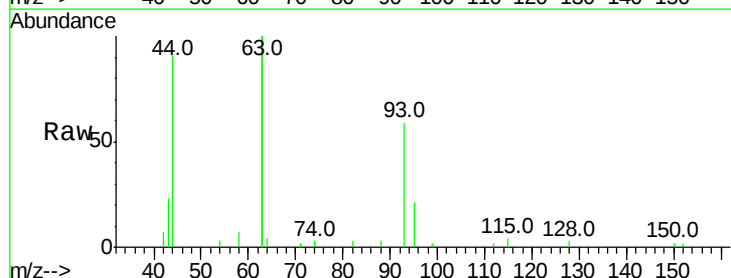
Tgt Ion: 93 Resp: 2237

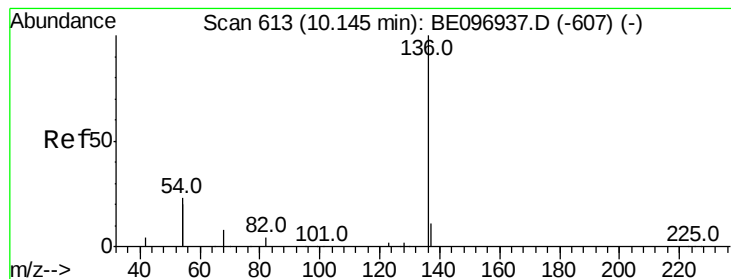
Ion Ratio Lower Upper

93 100

63 334.9 275.3 412.9

95 34.6 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

Instrument :

BNA_E

ClientSampleId :

YT-MW-11

Tot Ion:136 Resp: 6918

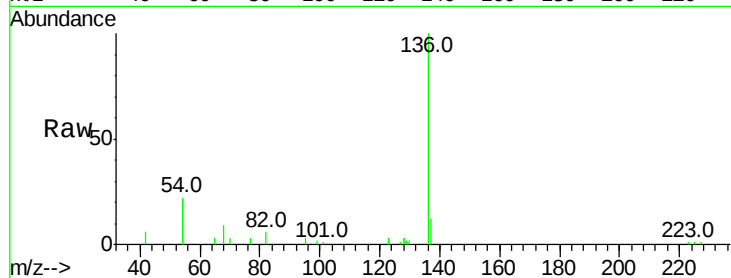
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 43.5 29.1 43.7

68 9.2 6.2 9.2

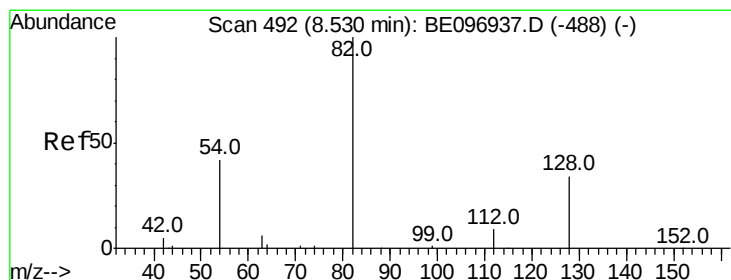
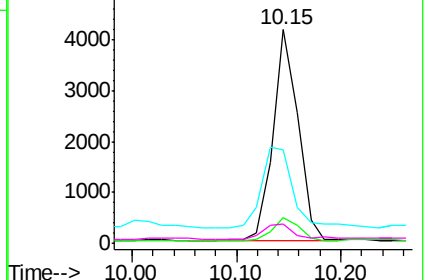
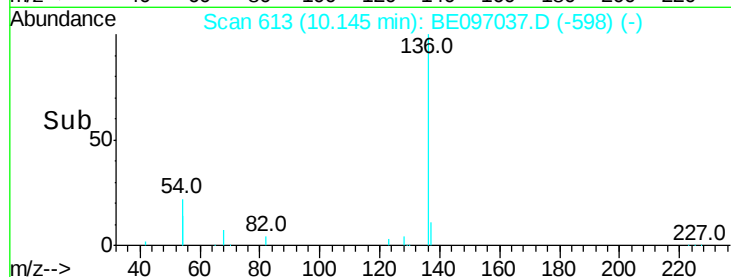


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.522 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

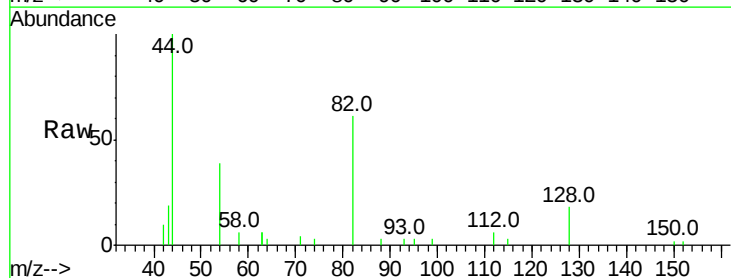
Tgt Ion: 82 Resp: 2634

Ion Ratio Lower Upper

82 100

128 29.5 24.0 36.0

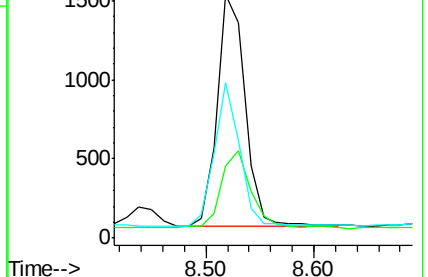
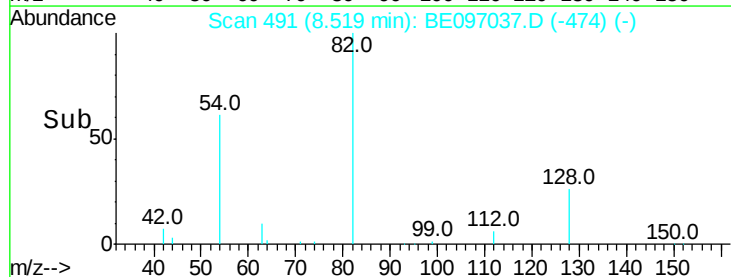
54 63.8 40.0 60.0#



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: 0.450 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

Instrument :

BNA_E

ClientSampleId :

YT-MW-11

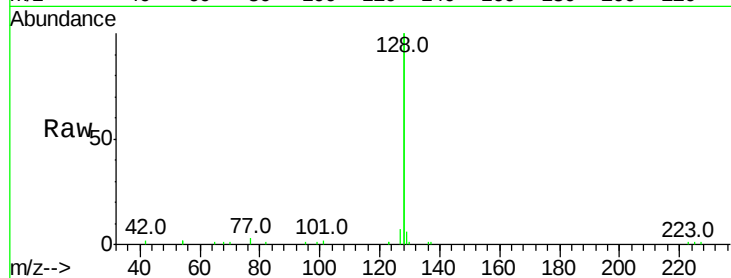
Tot Ion:128 Resp: 27866

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

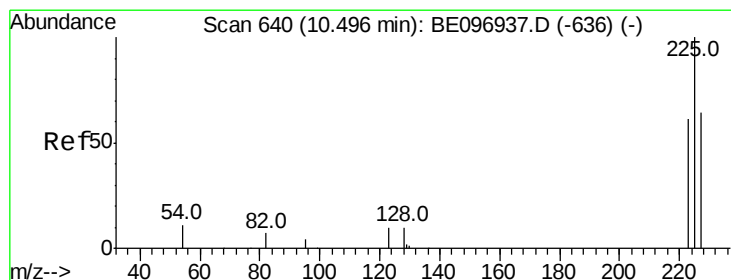
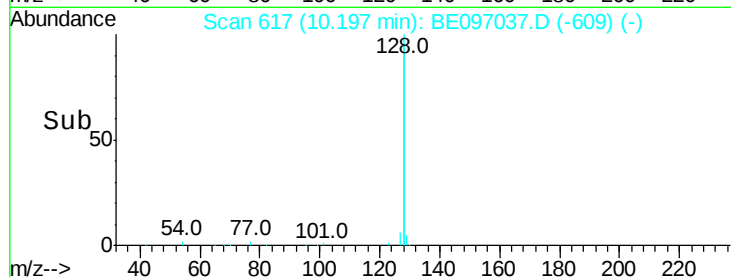
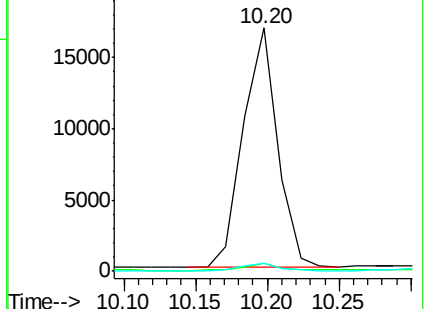
127 3.4 2.8 4.2



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: 0.403 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.01 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

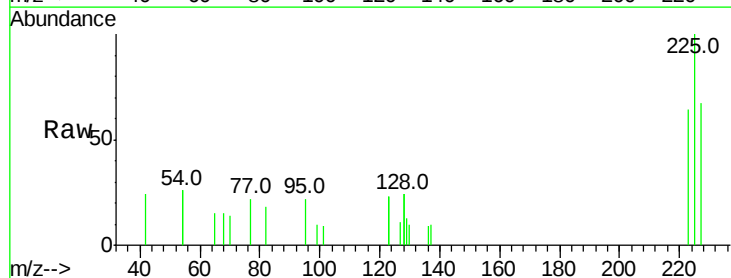
Tgt Ion:225 Resp: 1009

Ion Ratio Lower Upper

225 100

223 63.5 53.0 79.6

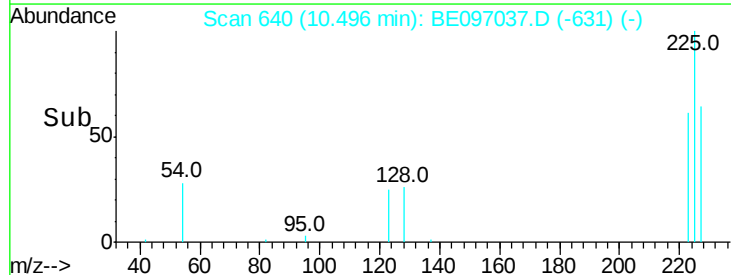
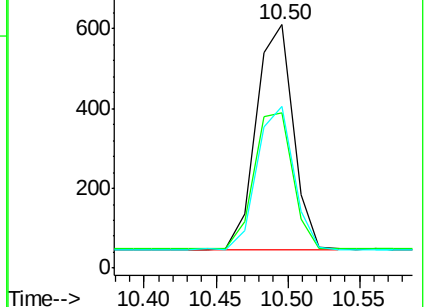
227 64.2 51.4 77.2



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: 0.516 ng

RT: 11.73 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

Instrument :

BNA_E

ClientSampleId :

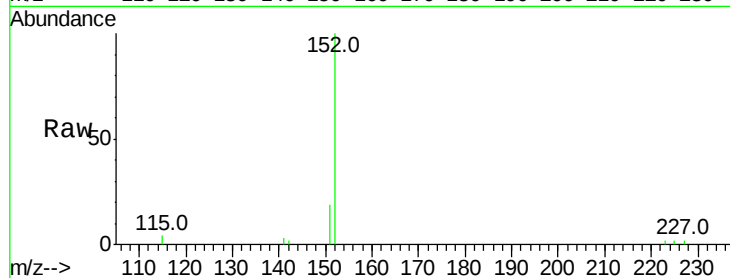
YT-MW-11

Tot Ion:152 Resp: 5205

Ion Ratio Lower Upper

152 100

151 16.6 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

3000

2500

2000

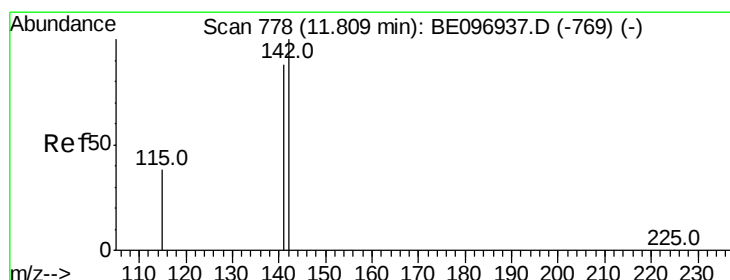
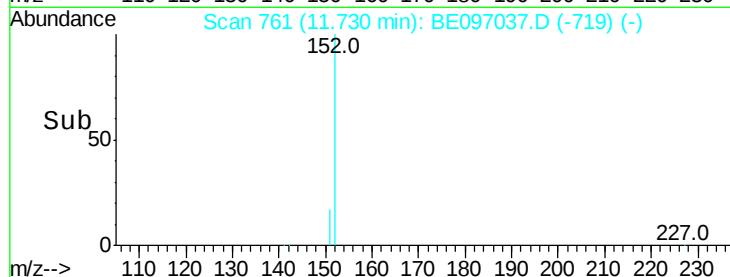
1500

1000

500

0

Time--> 11.60 11.70 11.80



#12

2-Methylnaphthalene

Concen: 0.437 ng

RT: 11.81 min Scan# 777

Delta R.T. -0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

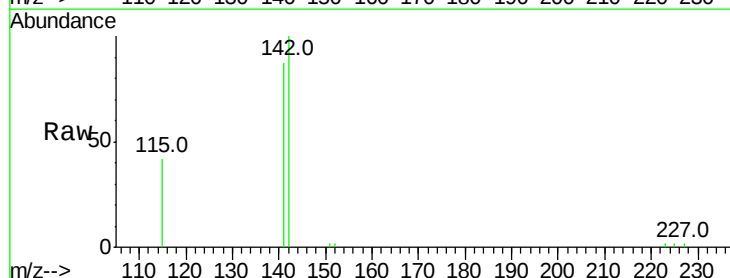
Tgt Ion:142 Resp: 4591

Ion Ratio Lower Upper

142 100

141 87.2 70.4 105.6

115 41.9 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

4000

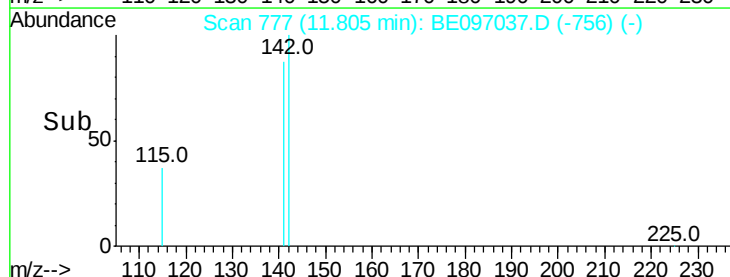
3000

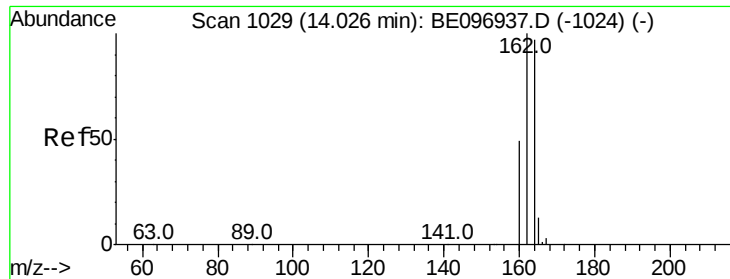
2000

1000

0

Time--> 11.70 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.02 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

Instrument :

BNA_E

ClientSampleId :

YT-MW-11

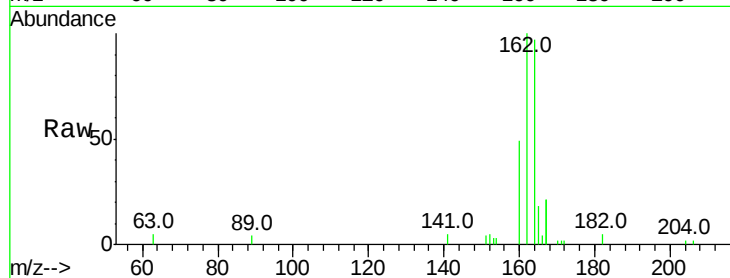
Tot Ion:164 Resp: 4348

Ion Ratio Lower Upper

164 100

162 103.0 83.1 124.7

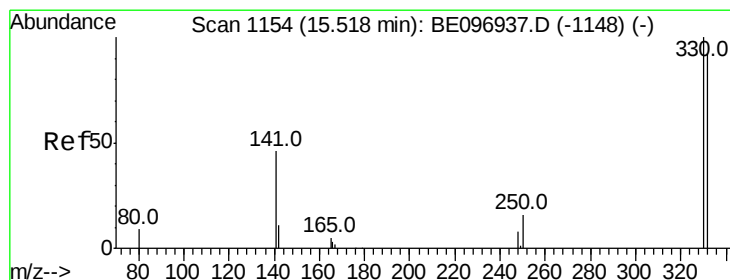
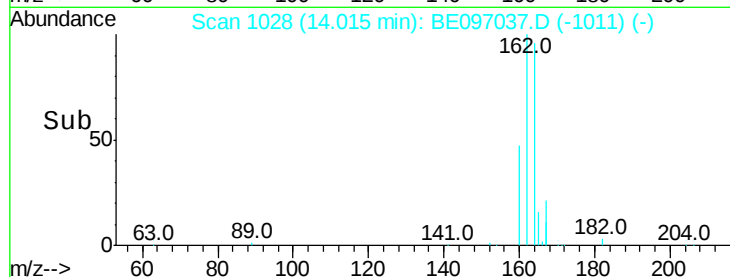
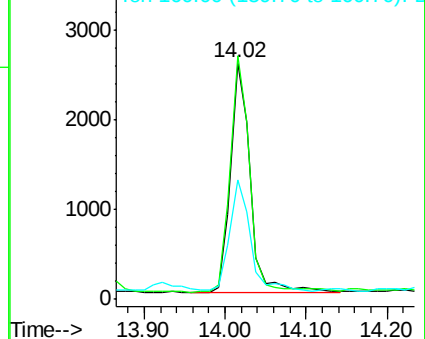
160 50.3 37.1 55.7



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: 0.762 ng

RT: 15.52 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

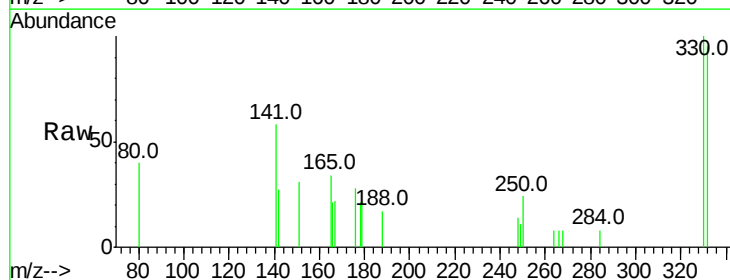
Tgt Ion:330 Resp: 822

Ion Ratio Lower Upper

330 100

332 98.3 152.7 229.1#

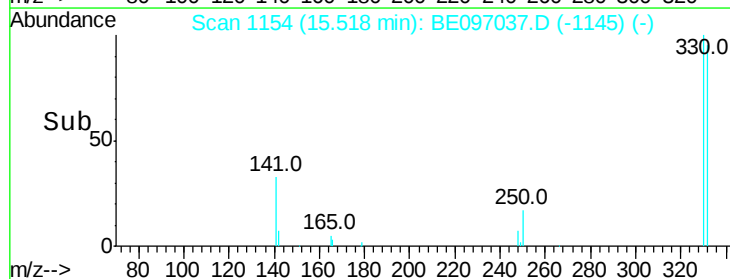
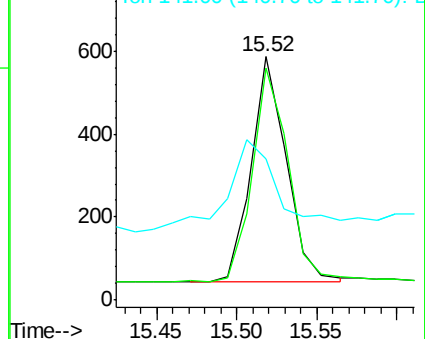
141 61.9 33.7 50.5#

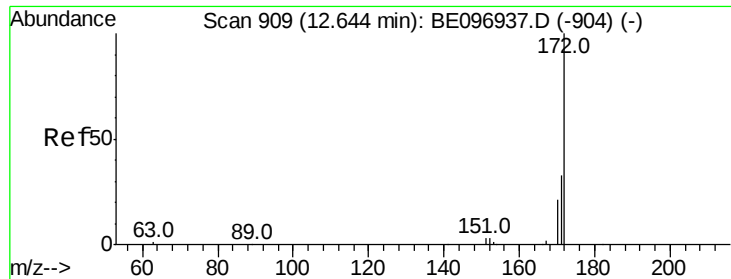


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

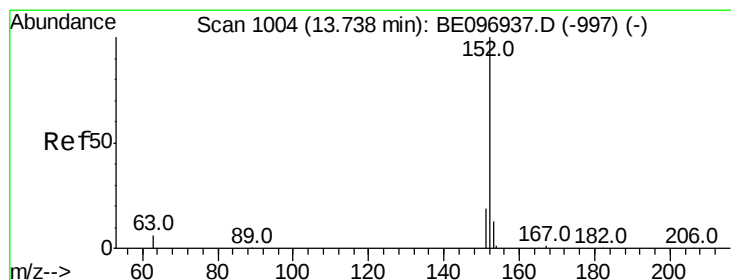
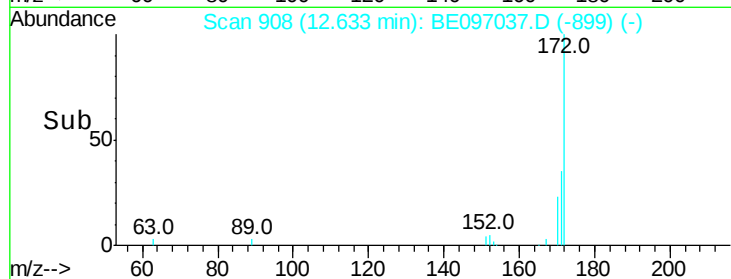
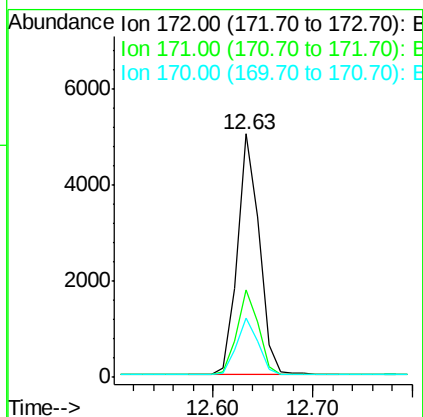
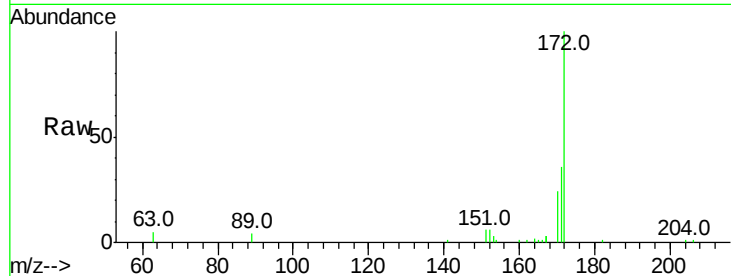




#15
2-Fluorobiphenyl
Concen: 0.472 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097037.D
Acq: 23 Jul 2018 14:42

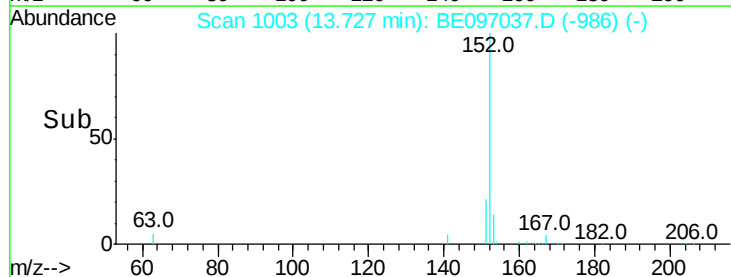
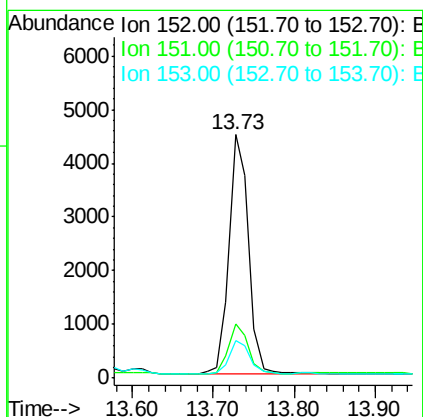
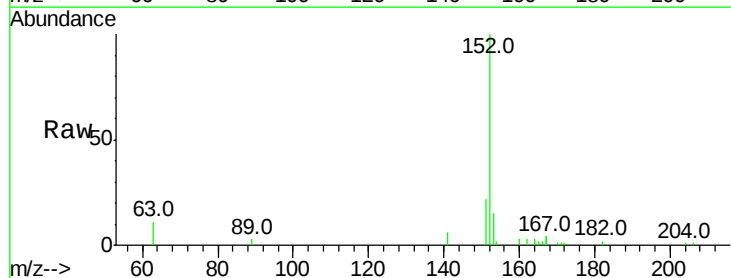
Instrument :
BNA_E
ClientSampleId :
YT-MW-11

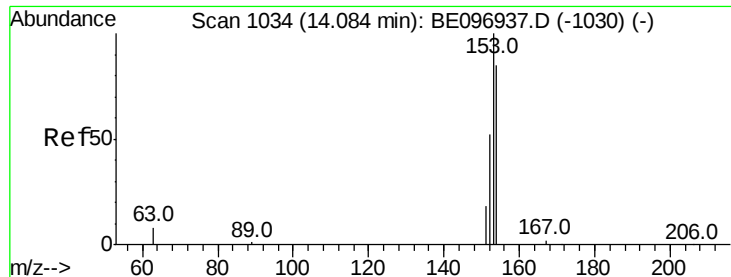
Tot Ion:172 Resp: 7630
Ion Ratio Lower Upper
172 100
171 35.9 29.9 44.9
170 24.4 21.8 32.8



#16
Acenaphthylene
Concen: 0.380 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE097037.D
Acq: 23 Jul 2018 14:42

Tgt Ion:152 Resp: 7551
Ion Ratio Lower Upper
152 100
151 21.4 15.7 23.5
153 14.3 10.5 15.7





#17

Acenaphthene

Concen: 0.427 ng

RT: 14.08 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

Instrument :

BNA_E

ClientSampleId :

YT-MW-11

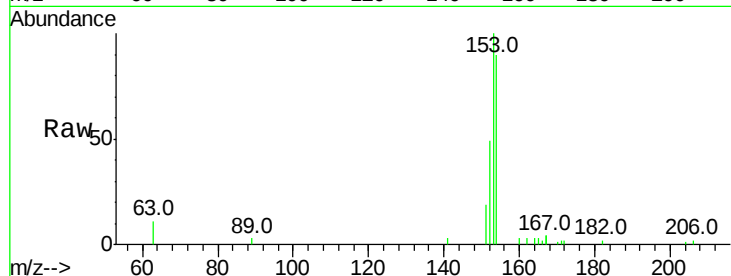
Tot Ion:154 Resp: 5275

Ion Ratio Lower Upper

154 100

153 114.4 89.2 133.8

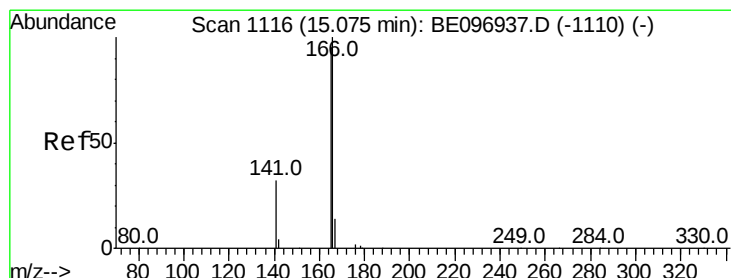
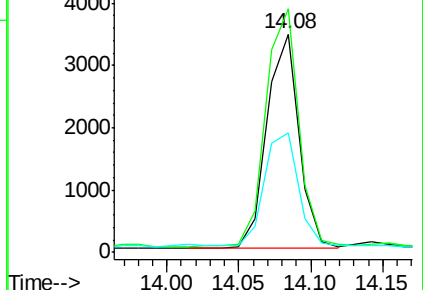
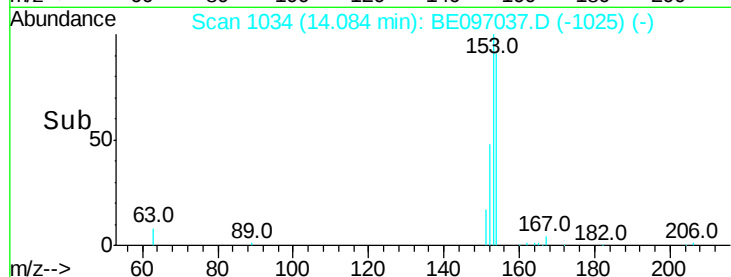
152 56.1 42.0 63.0



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: 0.560 ng

RT: 15.08 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

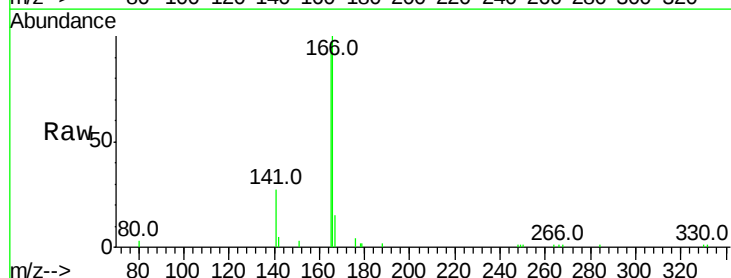
Tgt Ion:166 Resp: 7768

Ion Ratio Lower Upper

166 100

165 100.9 77.8 116.6

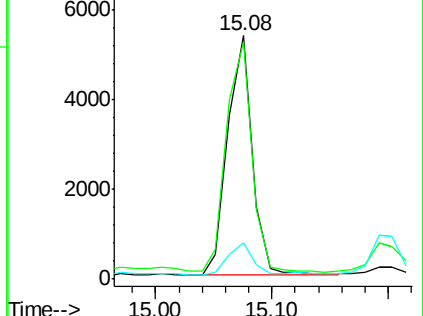
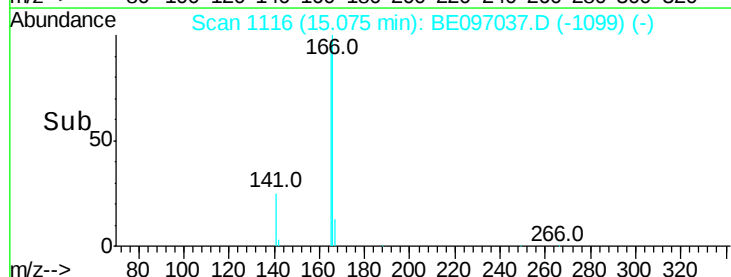
167 13.6 42.4 63.6#

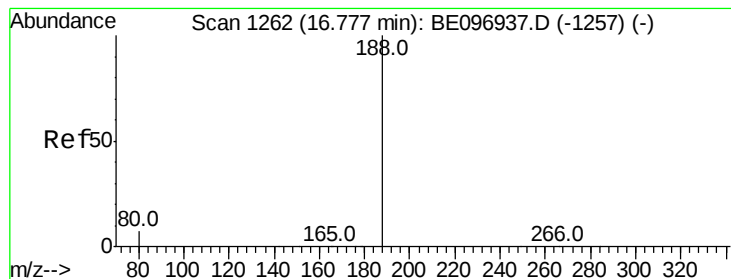


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.77 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

Instrument :

BNA_E

ClientSampled :

YT-MW-11

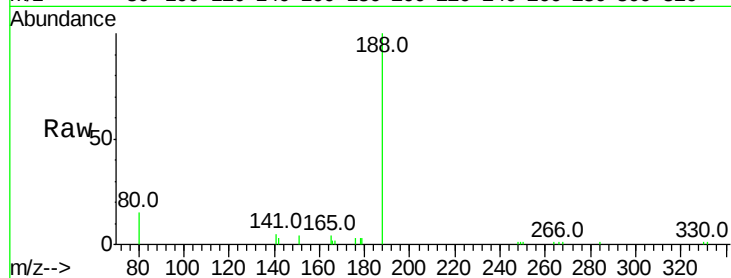
Tot Ion:188 Resp: 11307

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

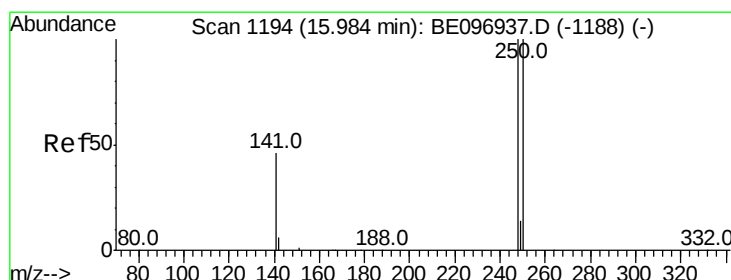
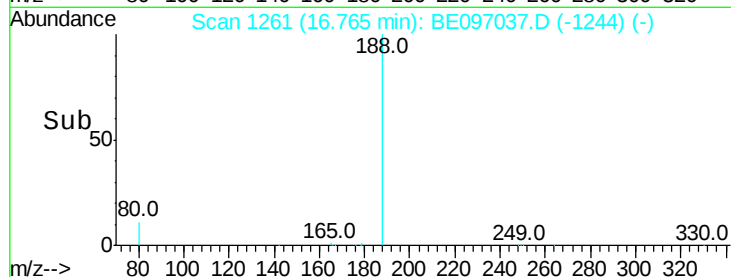
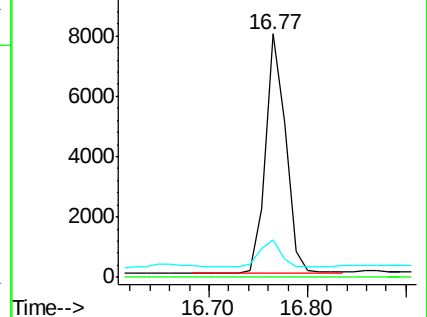
80 15.2 3.6 5.4#



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: 0.379 ng

RT: 15.97 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

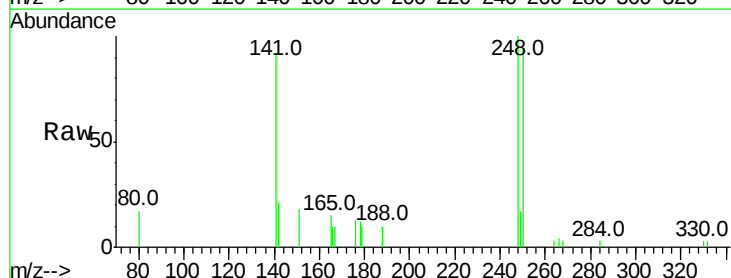
Tgt Ion:248 Resp: 2027

Ion Ratio Lower Upper

248 100

250 93.6 62.7 94.1

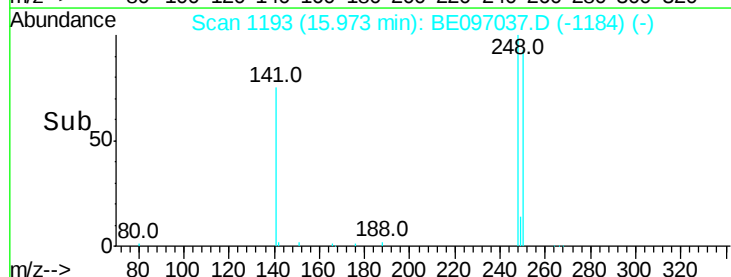
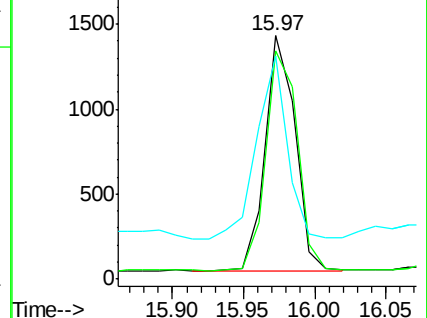
141 91.6 48.2 72.2#



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: 0.325 ng

RT: 16.08 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

Instrument :

BNA_E

ClientSampleId :

YT-MW-11

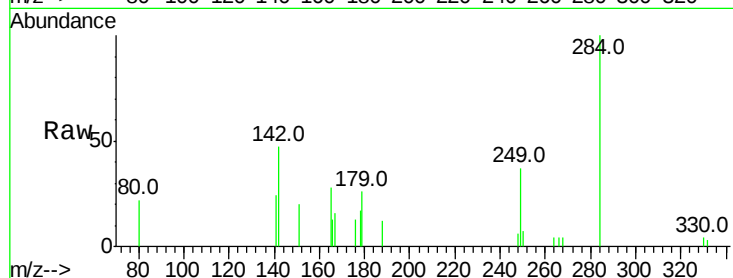
Tot Ion:284 Resp: 1929

Ion Ratio Lower Upper

284 100

142 46.4 22.1 33.1#

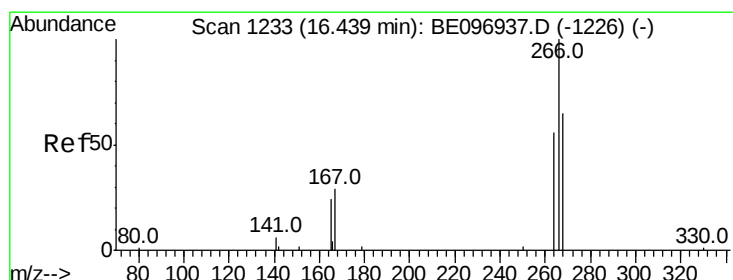
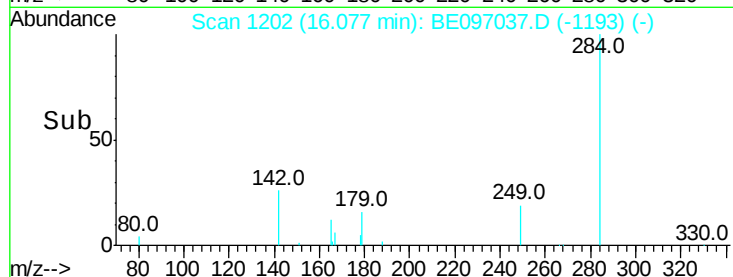
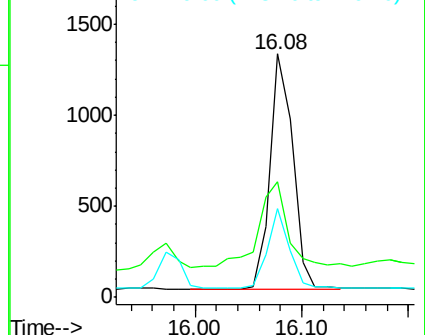
249 31.3 34.8 52.2#



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: 1.706 ng

RT: 16.43 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

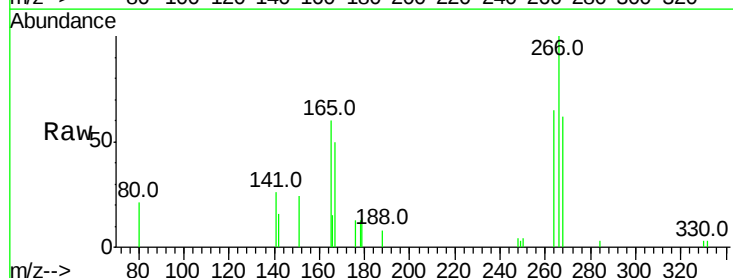
Tgt Ion:266 Resp: 2478

Ion Ratio Lower Upper

266 100

264 64.9 72.5 108.7#

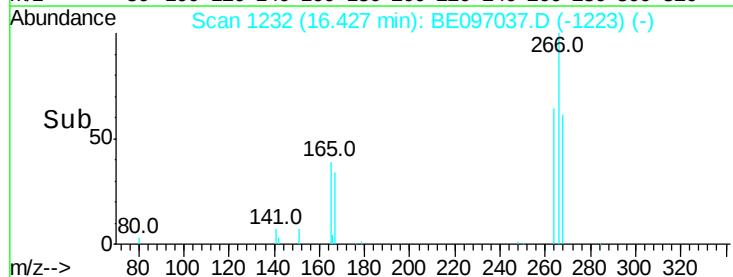
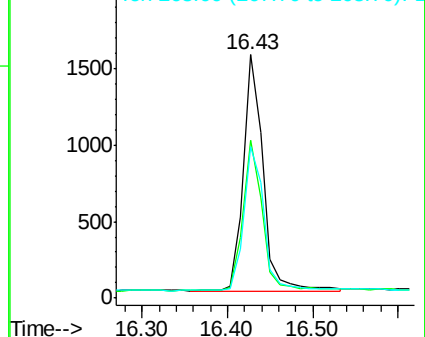
268 62.0 73.8 110.6#



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: 0.448 ng

RT: 16.81 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

Instrument :

BNA_E

ClientSampleId :

YT-MW-11

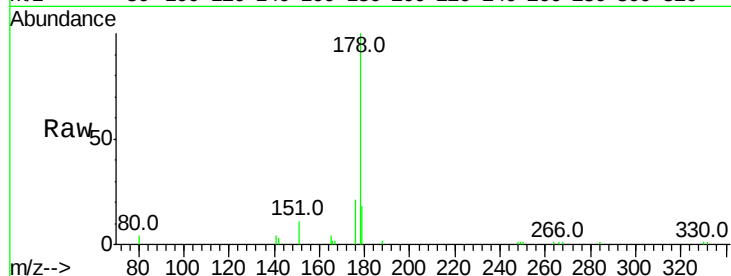
Tot Ion:178 Resp: 12136

Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

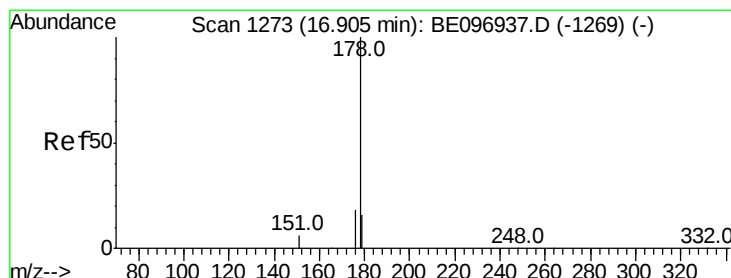
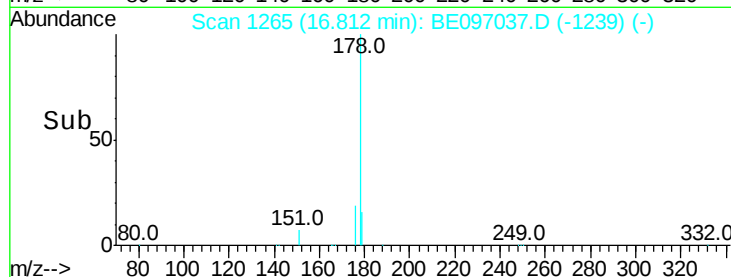
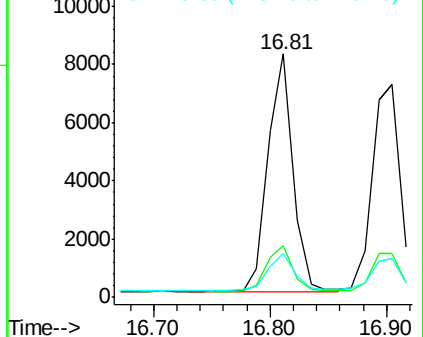
179 17.2 11.8 17.6



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: 0.499 ng

RT: 16.90 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

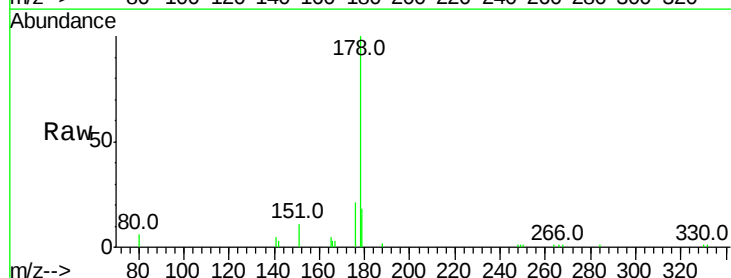
Tgt Ion:178 Resp: 11748

Ion Ratio Lower Upper

178 100

176 19.7 12.8 19.2#

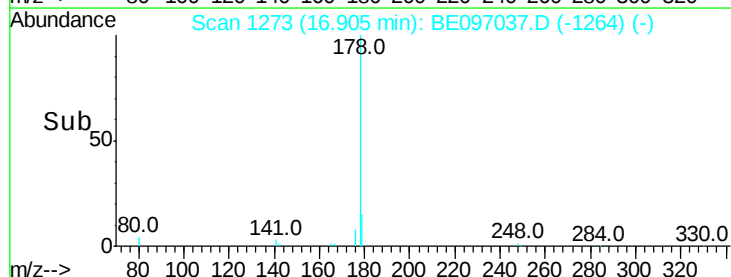
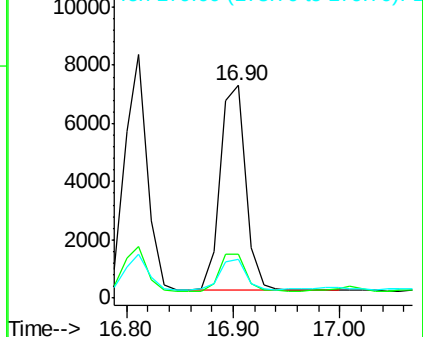
179 15.6 13.0 19.6

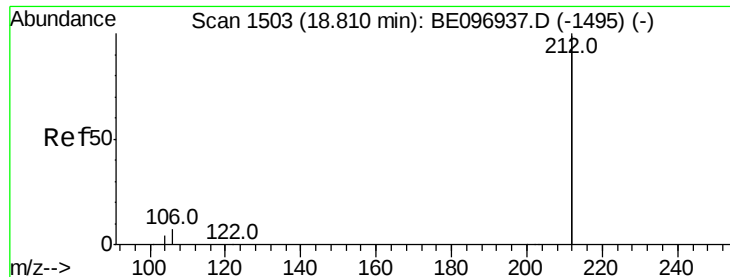


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.652 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

Instrument :

BNA_E

ClientSampleId :

YT-MW-11

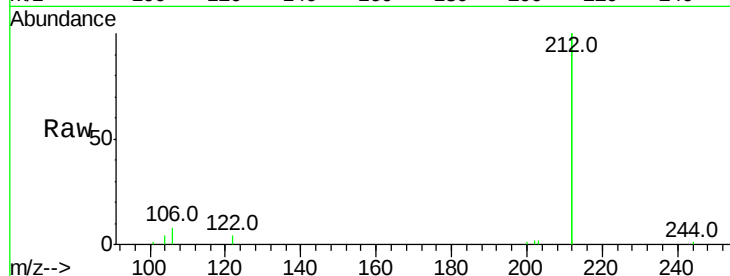
Tot Ion:212 Resp: 64107

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

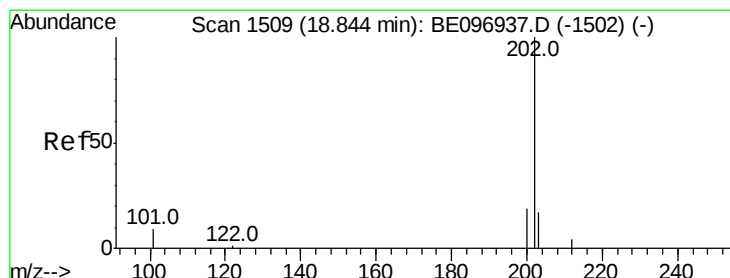
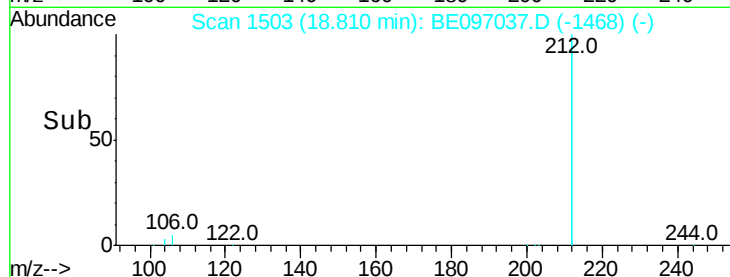
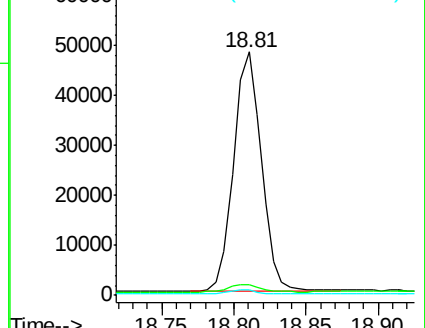
104 1.8 1.6 2.4



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: 0.586 ng

RT: 18.84 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

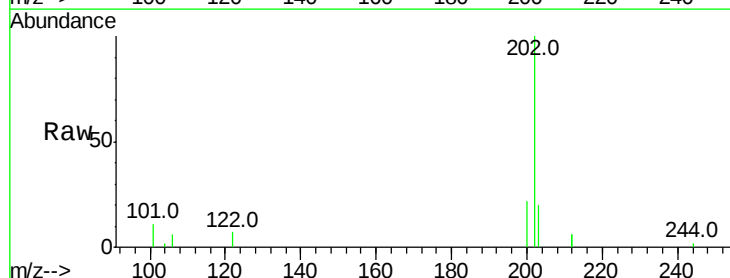
Tgt Ion:202 Resp: 16726

Ion Ratio Lower Upper

202 100

101 11.0 9.8 14.8

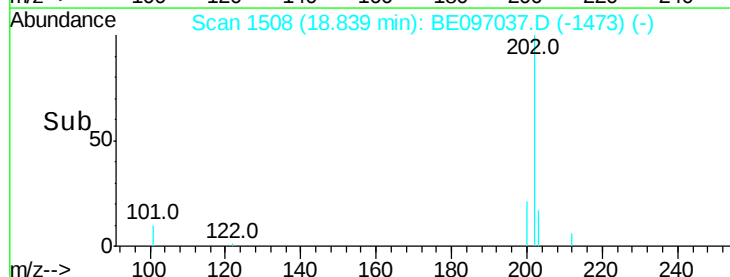
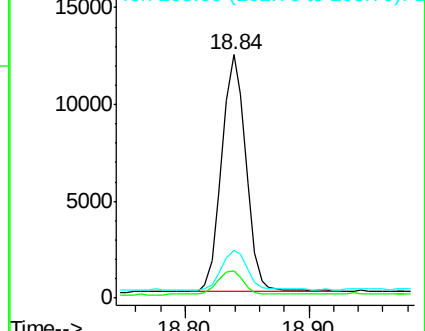
203 17.5 13.7 20.5



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: BE097037.D

Acq: 23 Jul 2018 14:42

Instrument :

BNA_E

ClientSampleId :

YT-MW-11

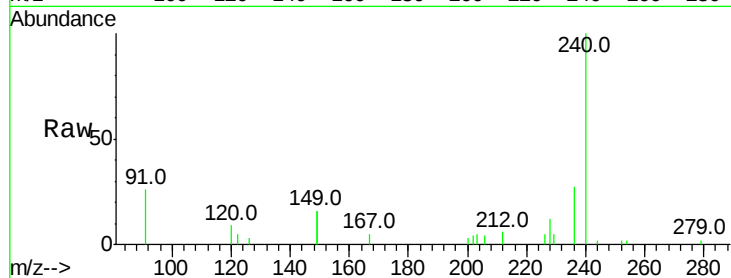
Tot Ion:240 Resp: 14080

Ion Ratio Lower Upper

240 100

120 8.9 5.5 8.3#

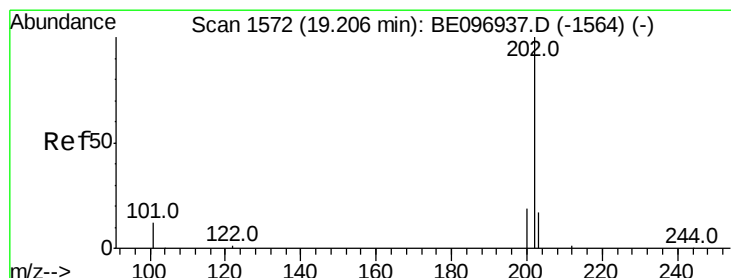
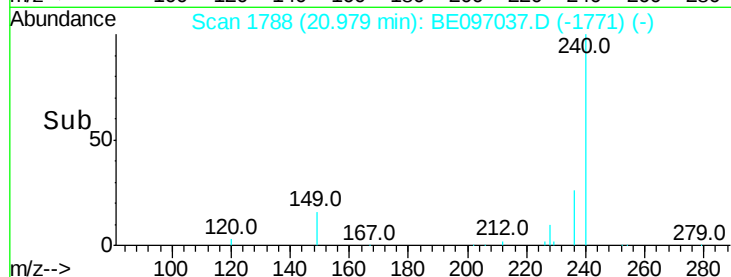
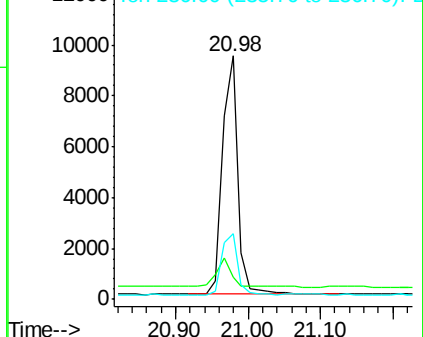
236 27.0 20.7 31.1



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: 0.419 ng

RT: 19.20 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

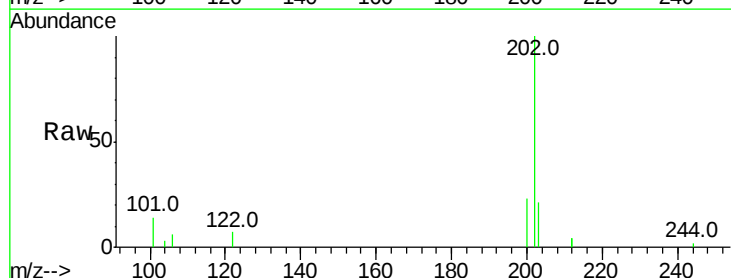
Tgt Ion:202 Resp: 17394

Ion Ratio Lower Upper

202 100

200 21.5 16.6 25.0

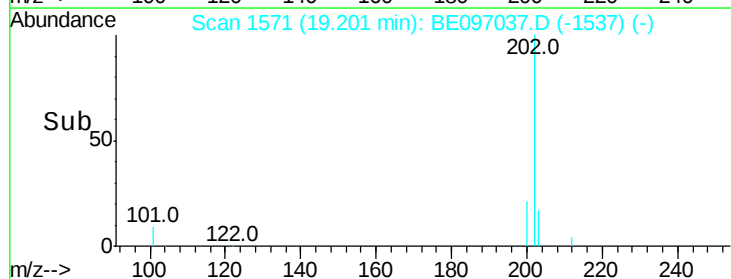
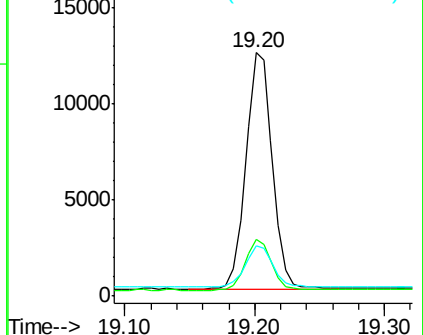
203 17.9 13.8 20.8

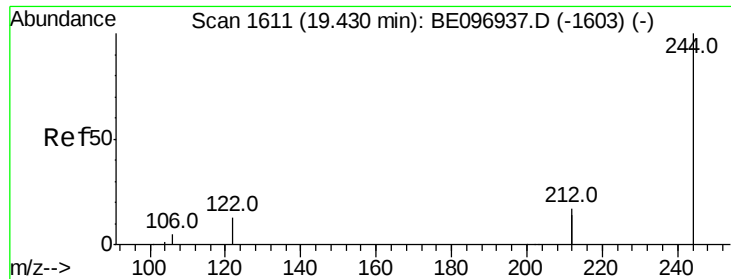


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

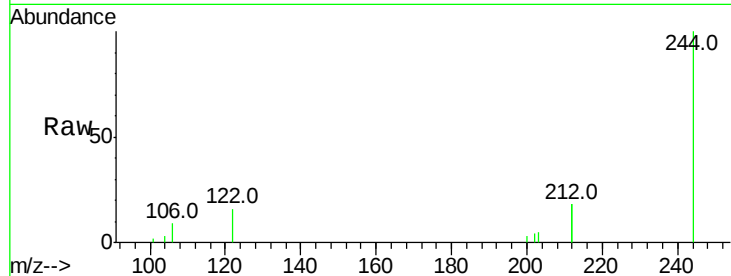




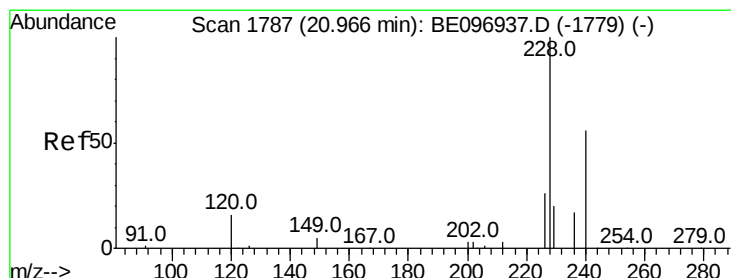
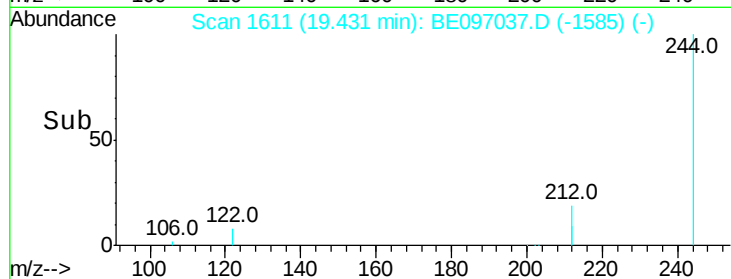
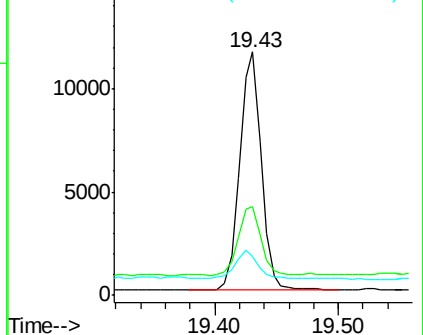
#29
 Terphenyl-d14
 Concen: 0.517 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BE097037.D
 Acq: 23 Jul 2018 14:42

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-11

Tot Ion:244 Resp: 14054
 Ion Ratio Lower Upper
 244 100
 212 36.5 25.4 38.0
 122 15.8 8.1 12.1#

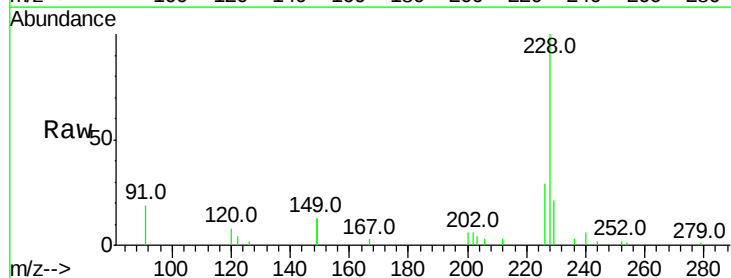


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

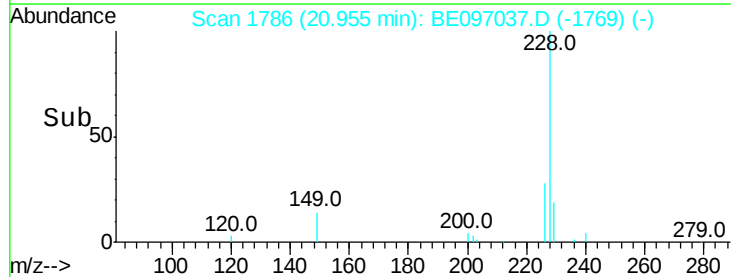
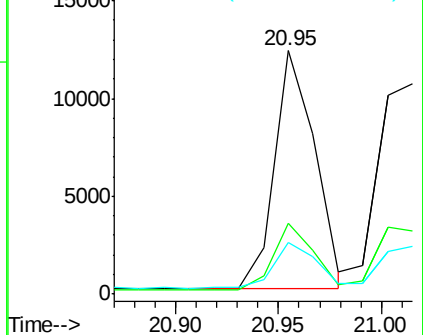


#30
 Benzo(a)anthracene
 Concen: 0.502 ng
 RT: 20.95 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BE097037.D
 Acq: 23 Jul 2018 14:42

Tgt Ion:228 Resp: 16820
 Ion Ratio Lower Upper
 228 100
 226 29.3 24.0 36.0
 229 21.1 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: 0.453 ng

RT: 21.02 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

Instrument :

BNA_E

ClientSampleId :

YT-MW-11

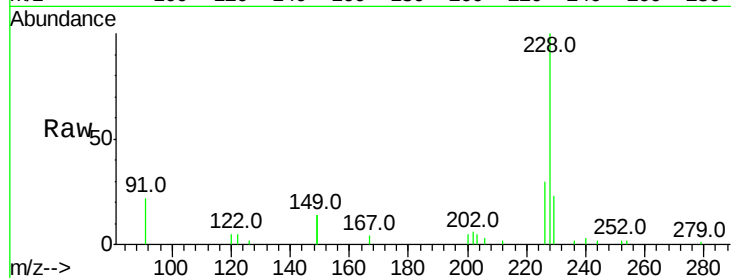
Tot Ion:228 Resp: 17030

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

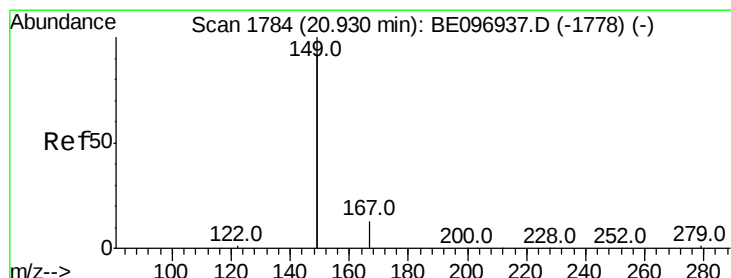
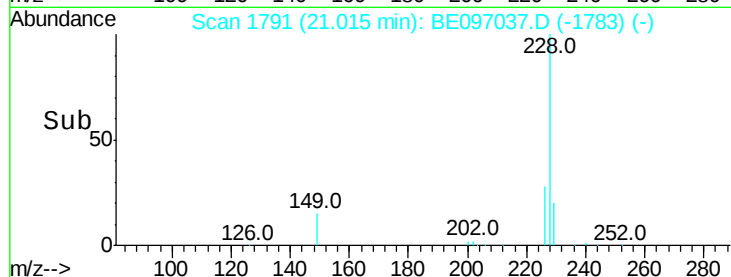
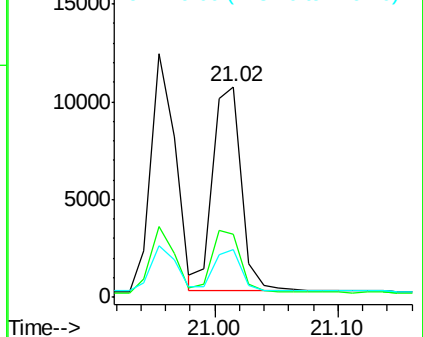
229 22.7 16.0 24.0



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: 1.028 ng

RT: 20.93 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

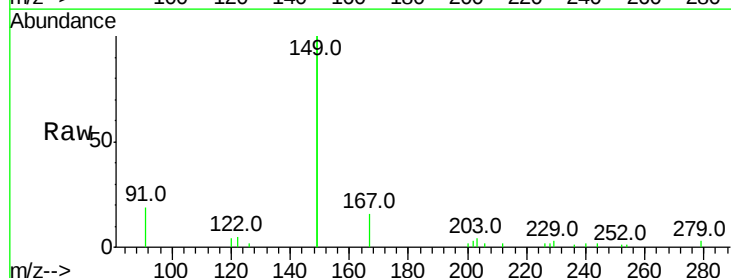
Tgt Ion:149 Resp: 34395

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

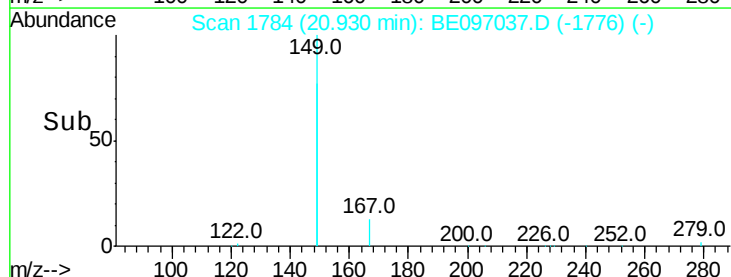
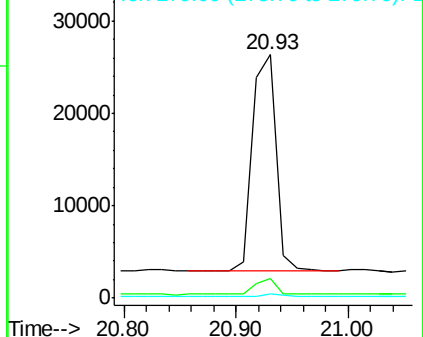
279 1.0 0.7 1.1

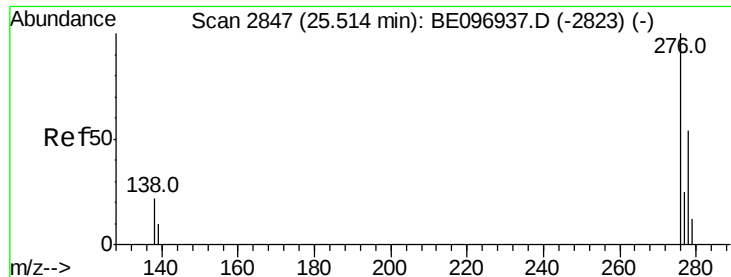


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.552 ng

RT: 25.50 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

Instrument :

BNA_E

ClientSampleId :

YT-MW-11

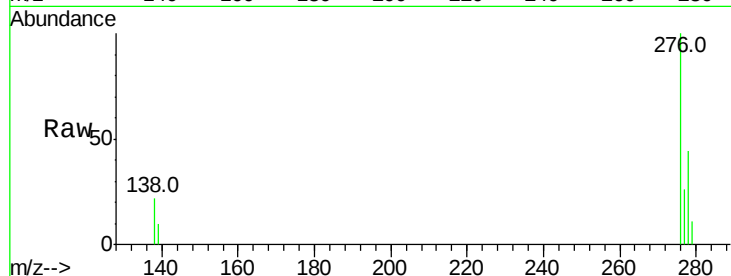
Tot Ion:276 Resp: 15116

Ion Ratio Lower Upper

276 100

138 21.9 22.5 33.7#

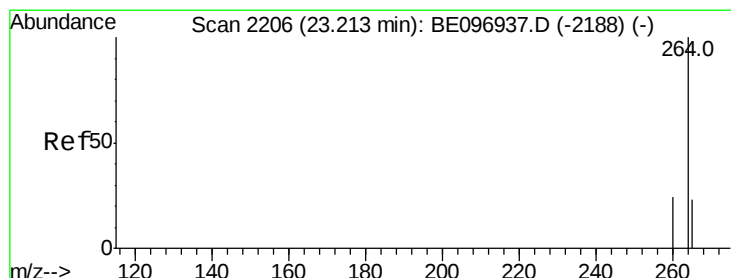
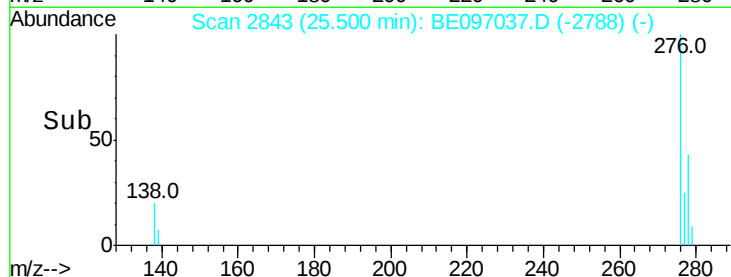
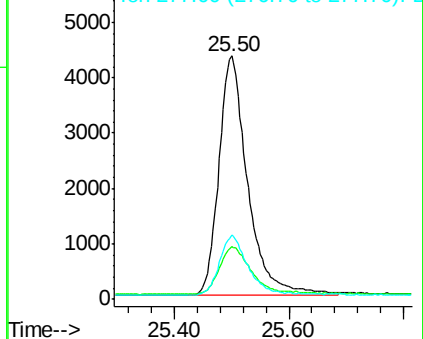
277 24.5 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

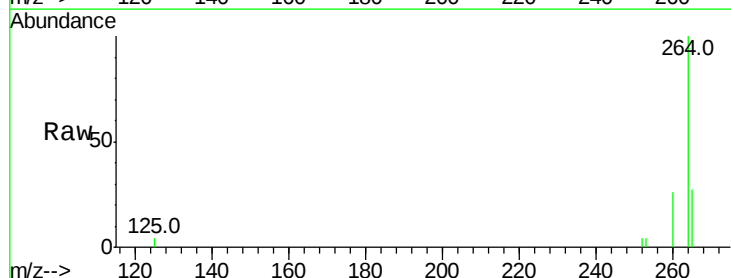
Tgt Ion:264 Resp: 13077

Ion Ratio Lower Upper

264 100

260 25.9 20.5 30.7

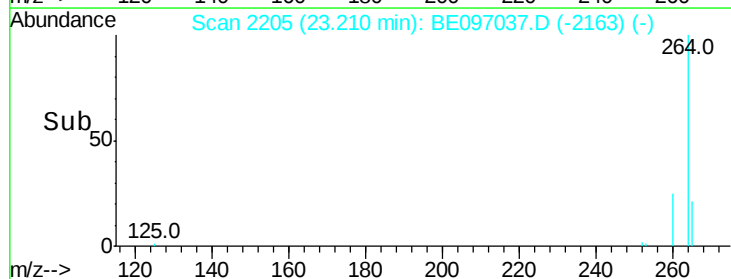
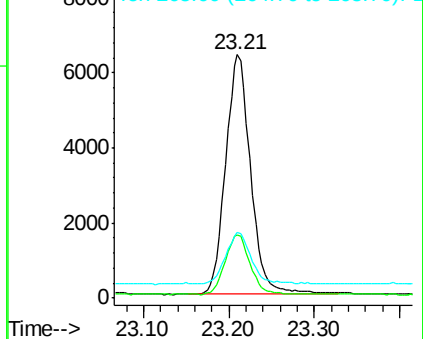
265 26.9 22.8 34.2

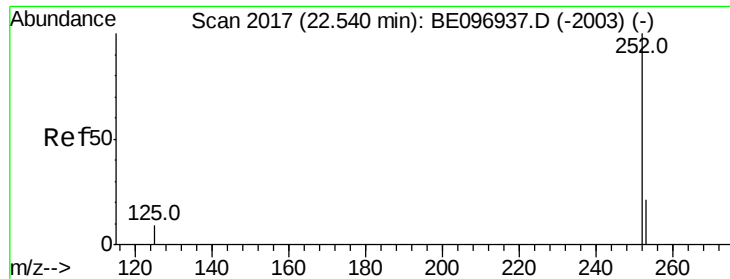


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.457 ng

RT: 22.53 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

Instrument :

BNA_E

ClientSampleId :

YT-MW-11

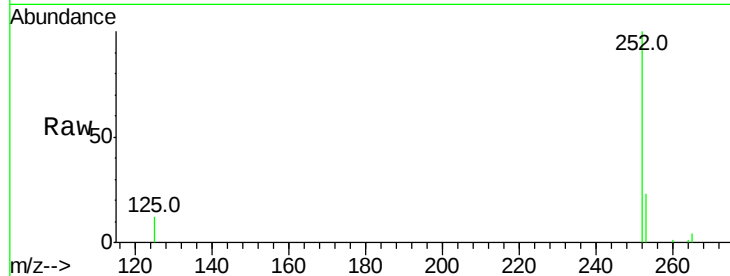
Tot Ion:252 Resp: 15263

Ion Ratio Lower Upper

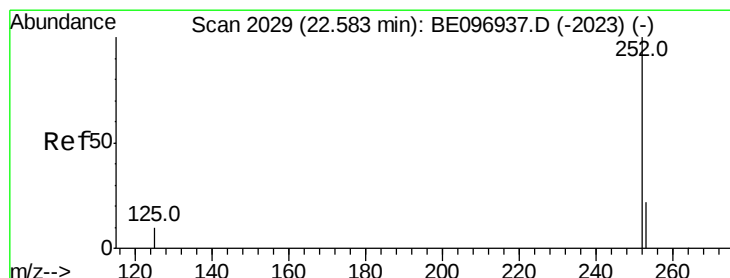
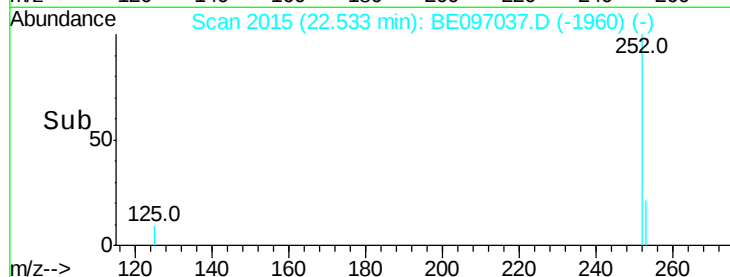
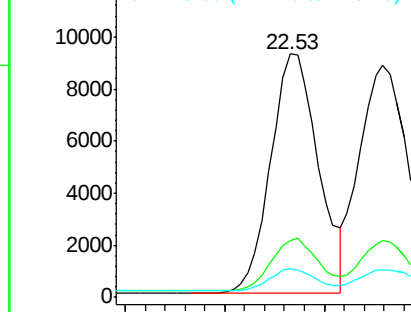
252 100

253 23.5 20.0 30.0

125 11.5 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: 0.384 ng

RT: 22.53 min Scan# 2015

Delta R.T. -0.05 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

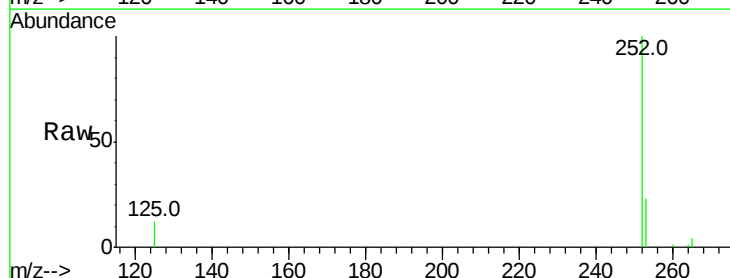
Tgt Ion:252 Resp: 15263

Ion Ratio Lower Upper

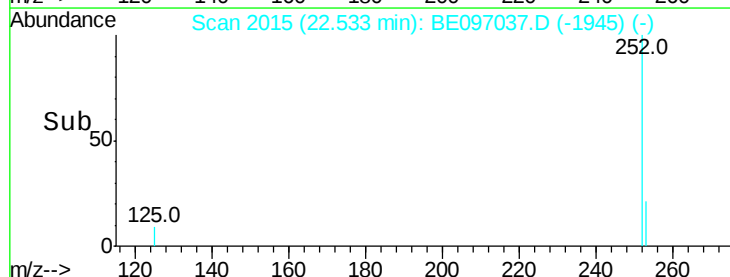
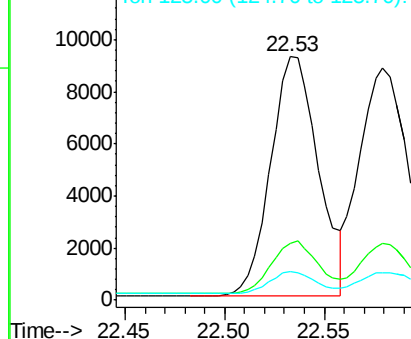
252 100

253 23.5 16.0 24.0

125 11.5 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: 0.477 ng

RT: 23.11 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

Instrument :

BNA_E

ClientSampleId :

YT-MW-11

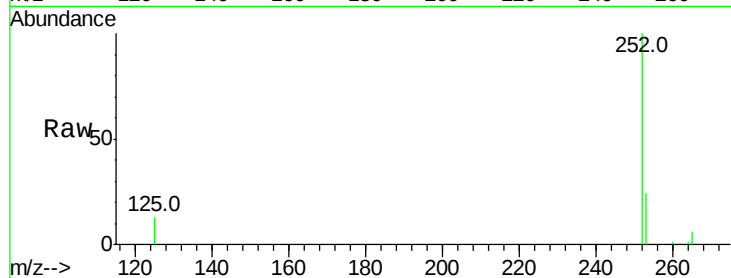
Tot Ion:252 Resp: 14281

Ion Ratio Lower Upper

252 100

253 24.4 16.0 24.0#

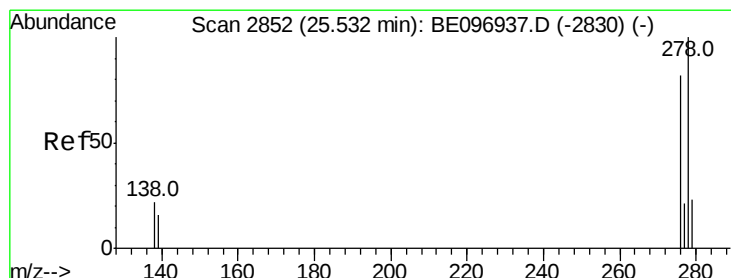
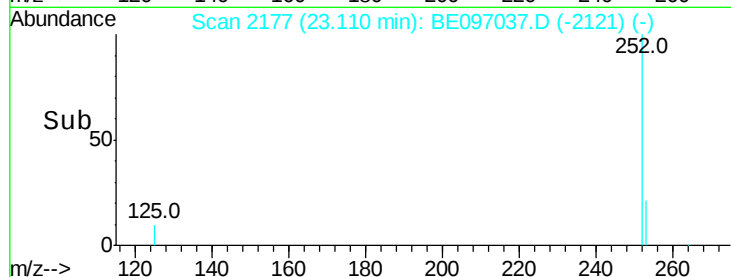
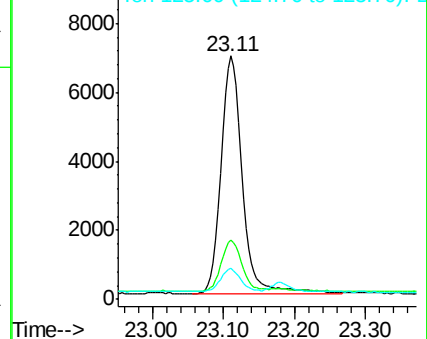
125 12.9 12.0 18.0



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: 0.495 ng

RT: 25.52 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

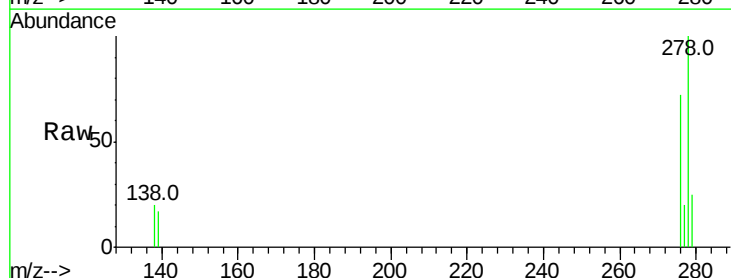
Tgt Ion:278 Resp: 12325

Ion Ratio Lower Upper

278 100

139 17.0 16.0 24.0

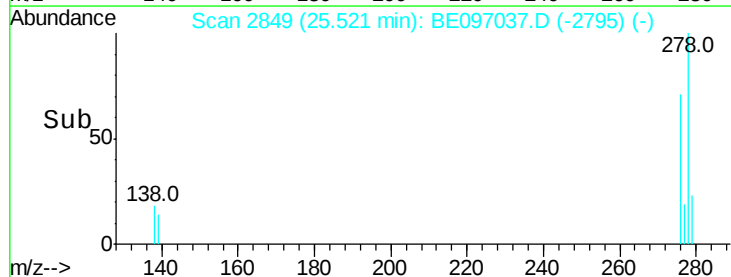
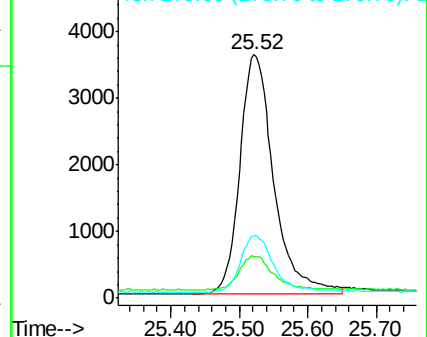
279 25.4 20.0 30.0

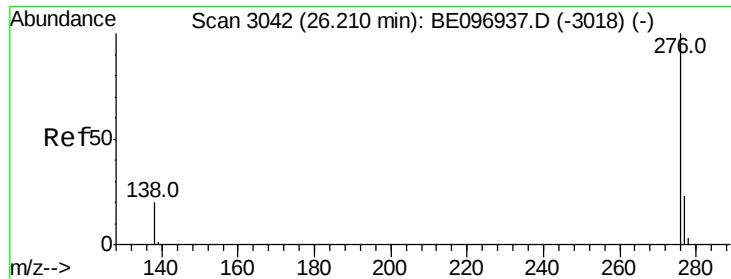


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.480 ng

RT: 26.20 min Scan# 3038

Delta R.T. -0.01 min

Lab File: BE097037.D

Acq: 23 Jul 2018 14:42

Instrument :

BNA_E

ClientSampleId :

YT-MW-11

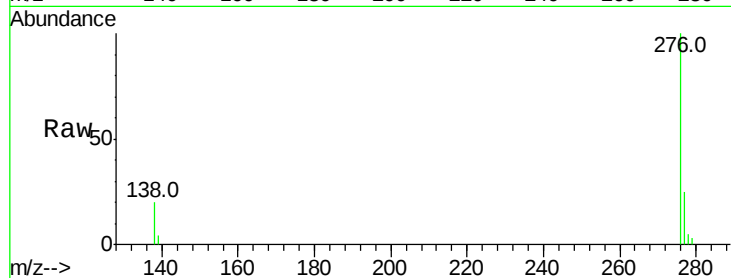
Tot Ion:276 Resp: 13028

Ion Ratio Lower Upper

276 100

277 25.2 16.0 24.0#

138 20.3 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

