

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080915\
 Data File : BG018338.D
 Acq On : 9 Aug 2015 21:02
 Operator : UM/TP
 Sample : G3136-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02J7

Quant Time: Aug 10 02:21:12 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 02:20:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	124830	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	565918	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	345777	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	742211	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	503552	20.00	ng/ul	0.04
86) Perylene-d12	24.93	264	643	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	4838	1.73	ng/uL	0.00
5) Phenol-d5	7.22	99	116896	10.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	78610	11.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	97109	11.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	100485	10.63	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	49656	11.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	49087	11.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	98948	10.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	33684	3.19	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	289701	10.03	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	382248	10.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	27158	5.24	ng/ul	0.00
58) Fluorene-d10	15.68	176	252639	10.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.78	200	25845	7.13	ng/ul	0.00
71) Anthracene-d10	17.43	188	740972	21.06	ng/ul	-0.09
79) Pyrene-d10	19.83	212	318164	12.29	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.71	264	329	9.70	ng/ul	0.00

Target Compounds

					Qvalue
4) Benzaldehyde	7.22	77	31638	4.78 ng/ul#	1
14) Acetophenone	8.88	105	60170	4.42 ng/ul#	45
16) 4-Methylphenol	8.82	108	31334	3.21 ng/ul	94
17) Hexachloroethane	9.18	117	18016	4.76 ng/ul#	11
24) 2,4-Dimethylphenol	10.03	107	62375	5.62 ng/ul	92
28) Naphthalene	10.92	128	357113	12.10 ng/ul	99
34) 2-Methylnaphthalene	12.52	142	155231	7.27 ng/ul	97
35) 1-Methylnaphthalene	12.74	142	114694	5.52 ng/ul#	98
41) 1,1'-Biphenyl	13.53	154	82900	2.90 ng/ul	96
45) Dimethylphthalate	14.14	163	118631	4.17 ng/ul#	94
46) 2,6-Dinitrotoluene	14.22	165	30943	5.49 ng/ul#	44
50) Acenaphthene	14.75	153	219209	8.60 ng/ul	98
54) Dibenzofuran	15.08	168	173742	5.21 ng/ul	95
59) Fluorene	15.73	166	236061	8.22 ng/ul	95
65) N-Nitrosodiphenylamine	15.94	169	49214	2.21 ng/ul#	68
70) Phenanthrene	17.48	178	1714647	42.61 ng/ul#	92
72) Anthracene	17.48	178	1714647	41.83 ng/ul	93
75) Carbazole	17.83	167	180246	5.01 ng/ul#	90
76) Di-n-butylphthalate	18.42	149	323672	6.89 ng/ul	97
77) Fluoranthene	19.50	202	2336063	54.47 ng/ul#	93
80) Pyrene	19.86	202	2049057	60.91 ng/ul#	93
81) Butylbenzylphthalate	20.74	149	188451	13.18 ng/ul#	75
83) Benzo(a)anthracene	21.70	228	942587	30.44 ng/ul#	91

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ALS Vial : 12 Sample Multiplier: 1

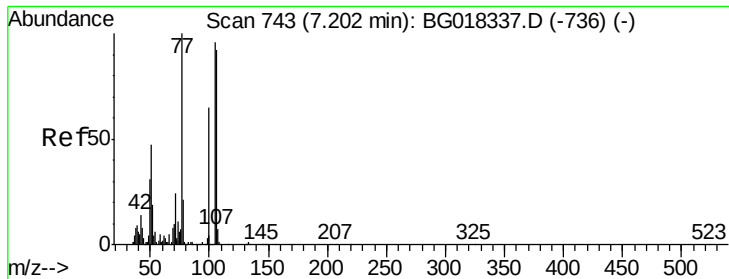
Instrument :
BNA_G
ClientSampleId :
C02J7

Quant Time: Aug 10 02:21:12 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 02:20:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phthalate	21.63	149	3467201	170.98	ng/ul#	57
85) Chrysene	21.77	228	851460	29.38	ng/ul#	92
87) Di-n-octyl phthalate	22.87	149	714986	17309.23	ng/ul	100
88) Benzo(b)fluoranthene	23.85	252	2991	74.59	ng/ul#	1
89) Benzo(k)fluoranthene	23.98	252	1026619	26441.87	ng/ul#	59
91) Benzo(a)pyrene	24.73	252	478116	12538.60	ng/ul#	24
92) Indeno(1,2,3-cd)pyrene	28.63	276	771	17.44	ng/ul#	1
93) Dibenzo(a,h)anthracene	28.69	278	3135	85.47	ng/ul#	1
94) Benzo(g,h,i)perylene	29.77	276	1245	33.65	ng/ul#	1

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

```
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Misc      :  
ALS Vial  : 12 Sample Multiplier: 1
```



#4

Benzaldehyde

Concen: 4.78 ng/ul

RT: 7.22 min Scan# 746

Delta R.T. 0.02 min

Lab File: BG018338.D

Acq: 9 Aug 2015 21:02

Instrument :

BNA_G

ClientSampleId :

C02J7

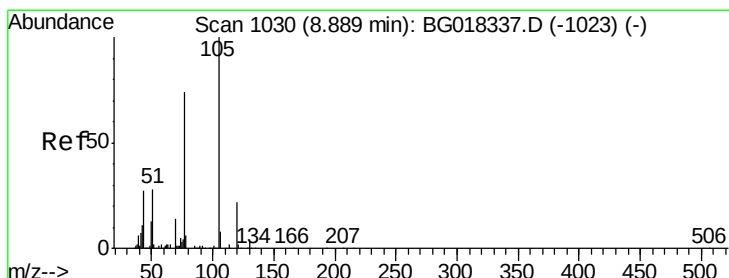
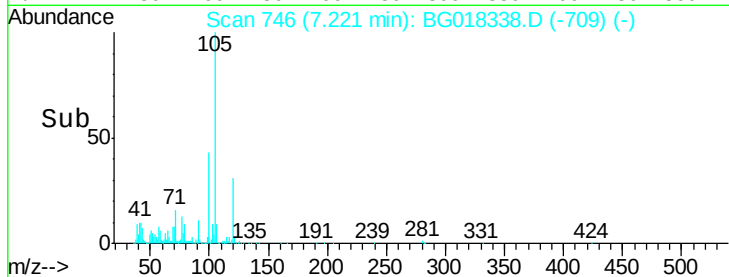
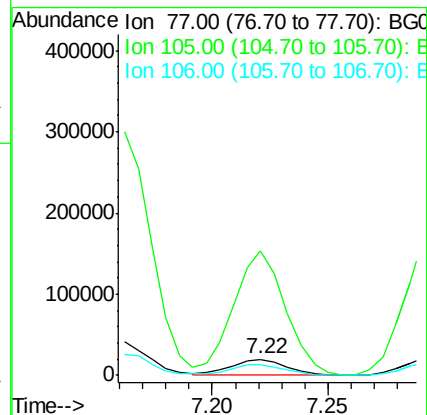
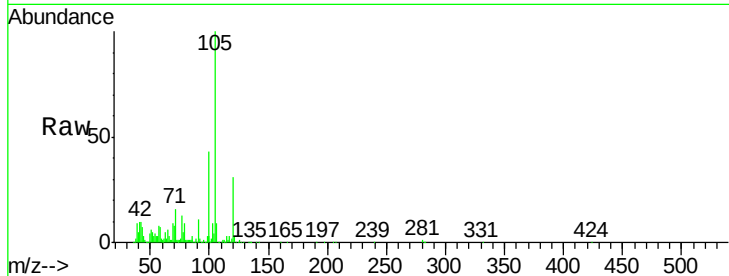
Tgt Ion: 77 Resp: 31638

Ion Ratio Lower Upper

77 100

105 767.0 74.6 112.0#

106 68.3 73.4 110.0#



#14

Acetophenone

Concen: 4.42 ng/ul

RT: 8.88 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BG018338.D

Acq: 9 Aug 2015 21:02

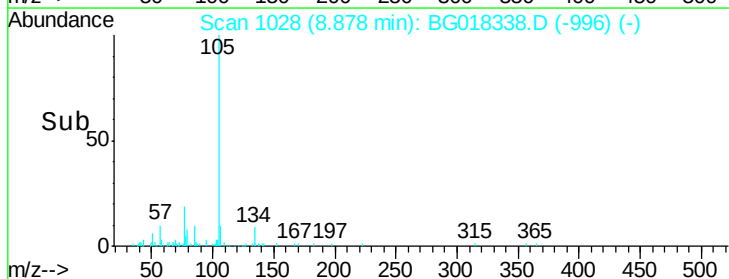
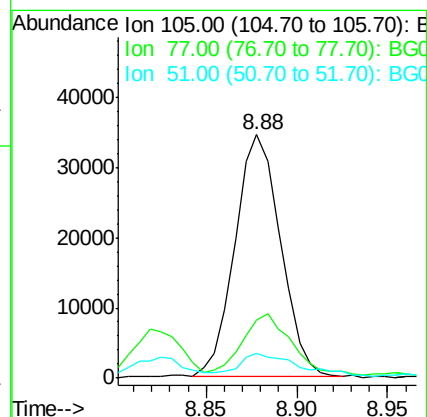
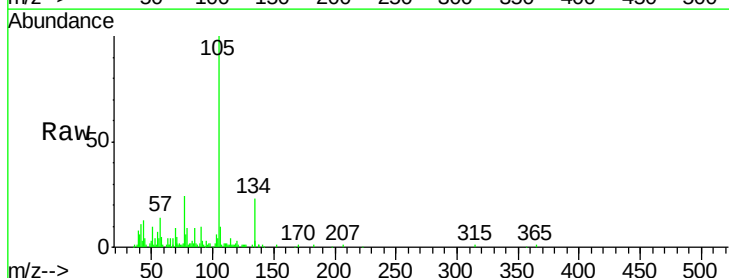
Tgt Ion: 105 Resp: 60170

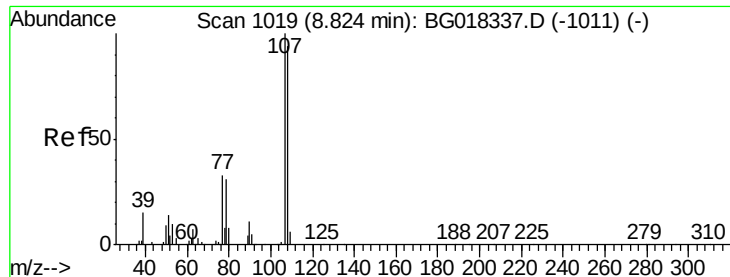
Ion Ratio Lower Upper

105 100

77 23.7 61.7 92.5#

51 10.4 24.0 36.0#





#16

4-Methylphenol

Concen: 3.21 ng/ul

RT: 8.82 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BG018338.D

Acq: 9 Aug 2015 21:02

Instrument :

BNA_G

ClientSampleId :

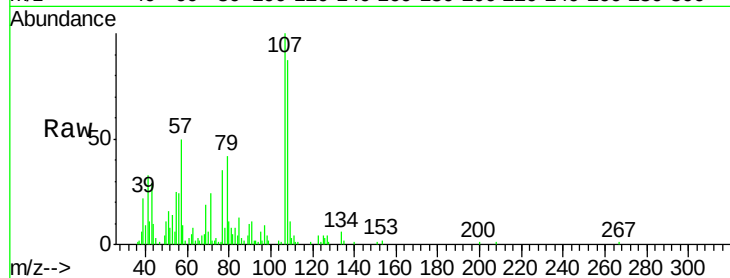
C02J7

Tgt Ion:108 Resp: 31334

Ion Ratio Lower Upper

108 100

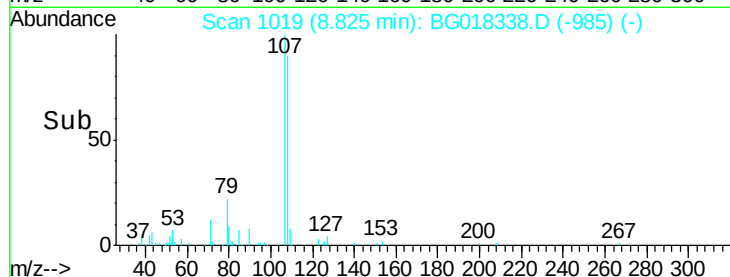
107 114.6 86.9 130.3



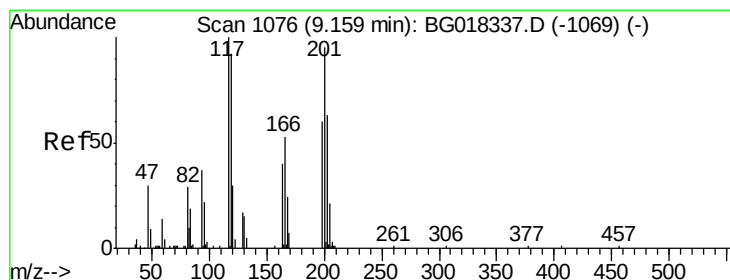
Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.82



Time-->



#17

Hexachloroethane

Concen: 4.76 ng/ul

RT: 9.18 min Scan# 1079

Delta R.T. 0.02 min

Lab File: BG018338.D

Acq: 9 Aug 2015 21:02

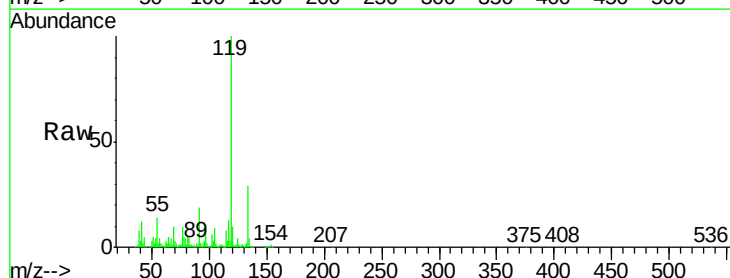
Tgt Ion:117 Resp: 18016

Ion Ratio Lower Upper

117 100

201 0.0 70.4 105.6#

199 0.0 50.6 75.8#

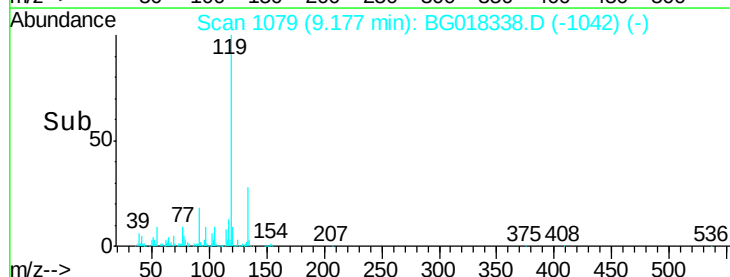


Abundance Ion 117.00 (116.70 to 117.70): E

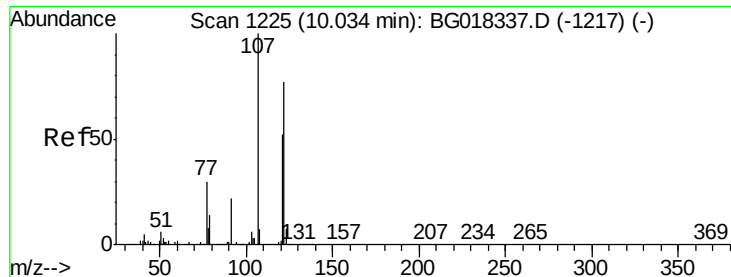
Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

9.18



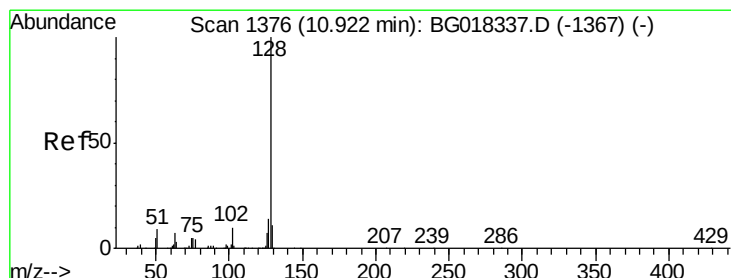
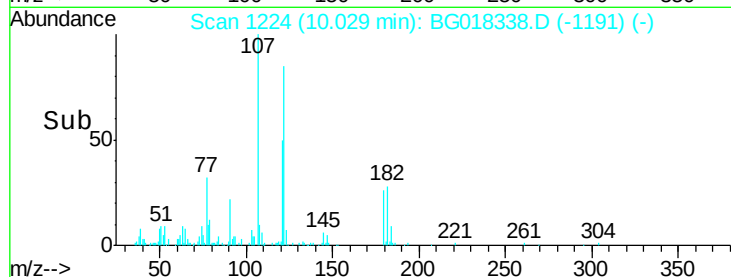
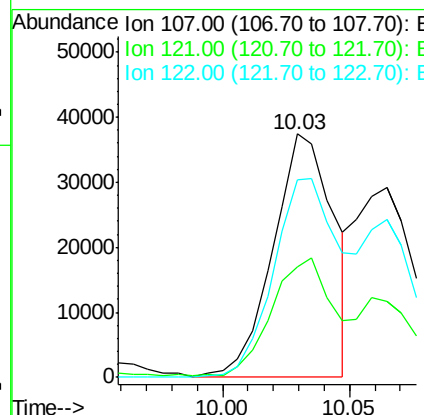
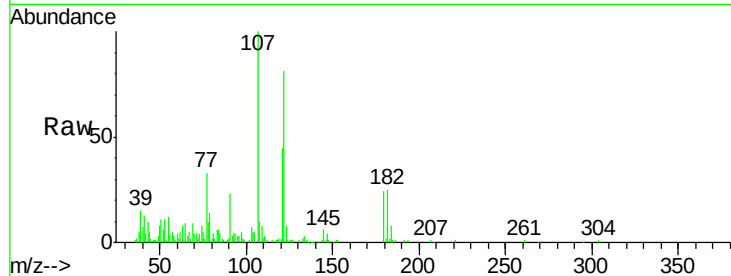
Time-->



#24
2,4-Dimethylphenol
Concen: 5.62 ng/ul
RT: 10.03 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BG018338.D
Acq: 9 Aug 2015 21:02

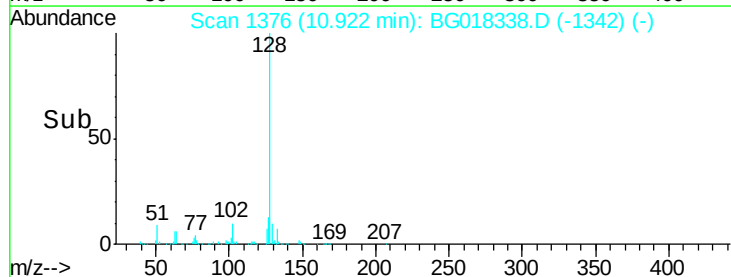
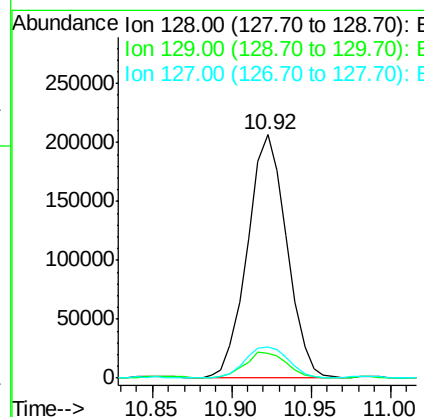
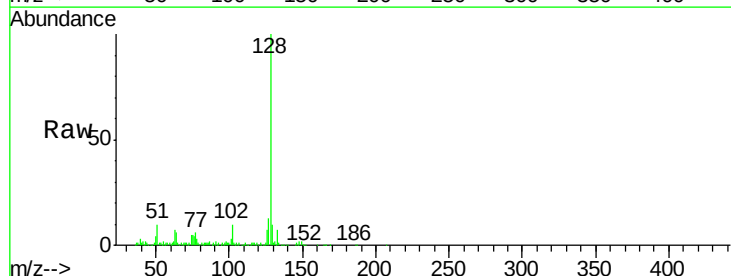
Instrument :
BNA_G
ClientSampleId :
C02J7

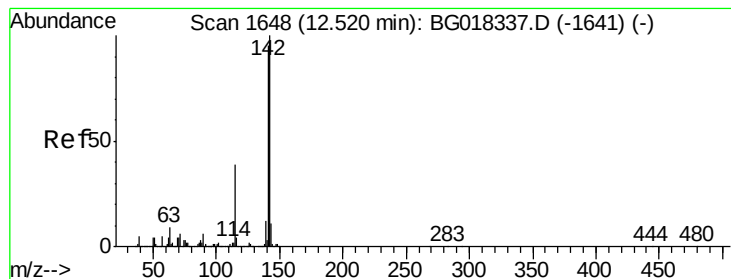
Tgt Ion:107 Resp: 62375
Ion Ratio Lower Upper
107 100
121 45.3 40.5 60.7
122 81.3 70.9 106.3



#28
Naphthalene
Concen: 12.10 ng/ul
RT: 10.92 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BG018338.D
Acq: 9 Aug 2015 21:02

Tgt Ion:128 Resp: 357113
Ion Ratio Lower Upper
128 100
129 10.2 8.6 13.0
127 13.0 10.8 16.2





#34

2-Methylnaphthalene

Concen: 7.27 ng/ul

RT: 12.52 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BG018338.D

Acq: 9 Aug 2015 21:02

Instrument :

BNA_G

ClientSampleId :

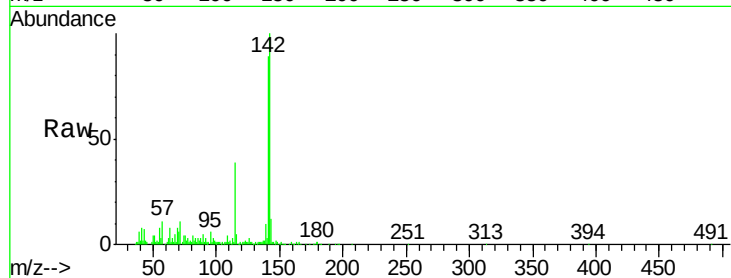
C02J7

Tgt Ion:142 Resp: 155231

Ion Ratio Lower Upper

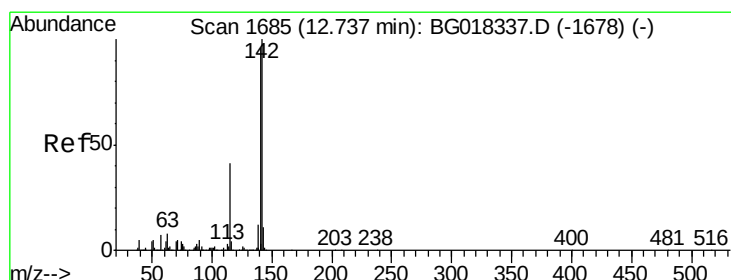
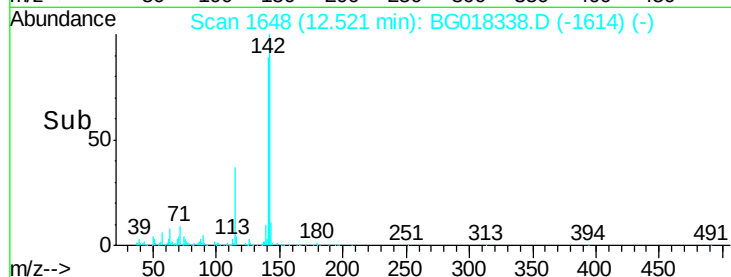
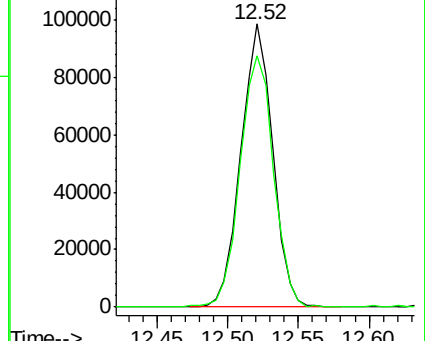
142 100

141 88.8 73.7 110.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 5.52 ng/ul

RT: 12.74 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BG018338.D

Acq: 9 Aug 2015 21:02

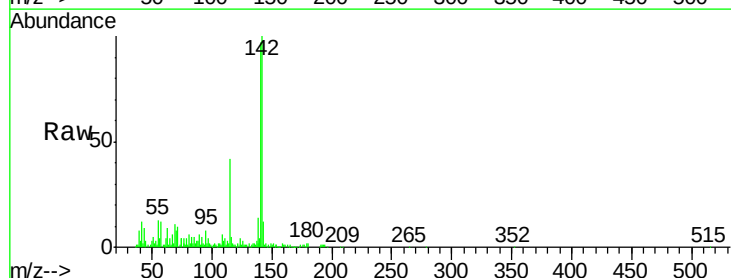
Tgt Ion:142 Resp: 114694

Ion Ratio Lower Upper

142 100

141 96.7 76.2 114.2

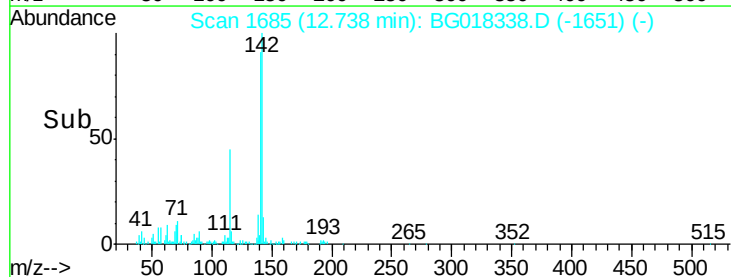
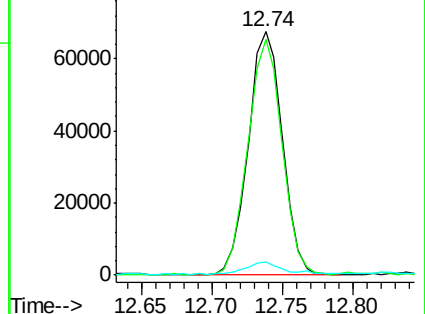
116 5.2 3.3 4.9#

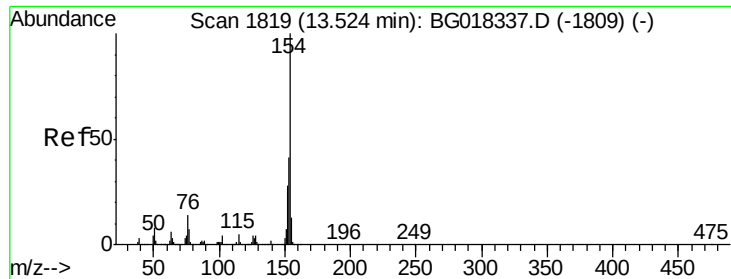


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

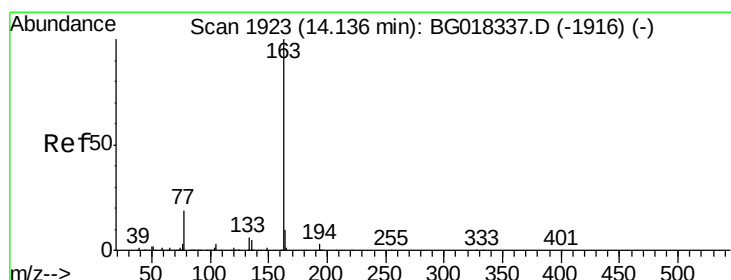
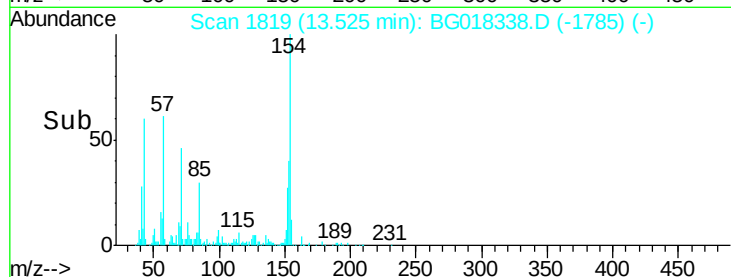
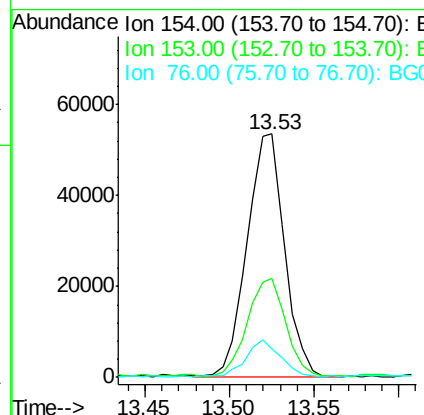
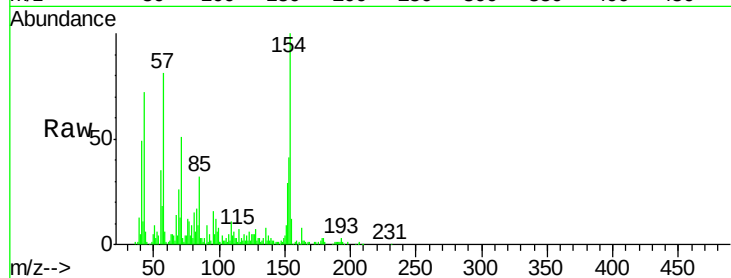




#41
1,1'-Biphenyl
Concen: 2.90 ng/ul
RT: 13.53 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BG018338.D
Acq: 9 Aug 2015 21:02

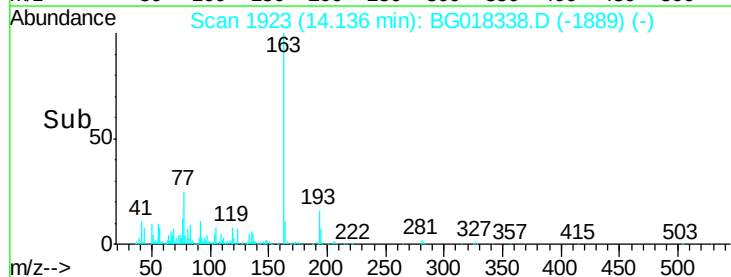
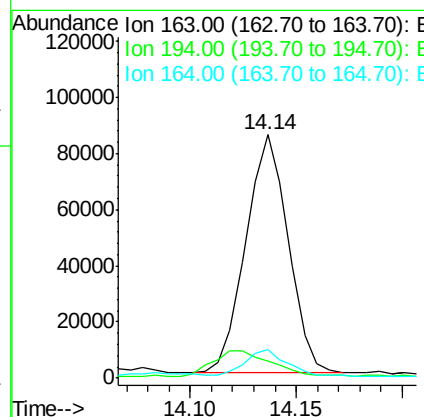
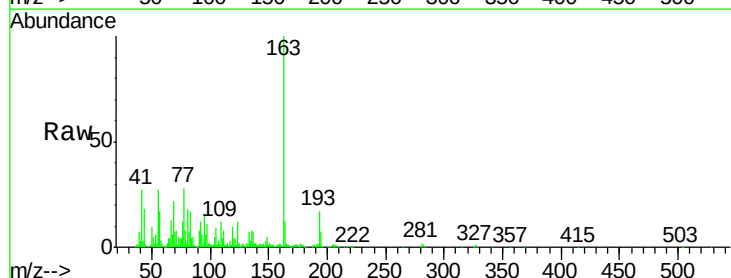
Instrument :
BNA_G
ClientSampleId :
C02J7

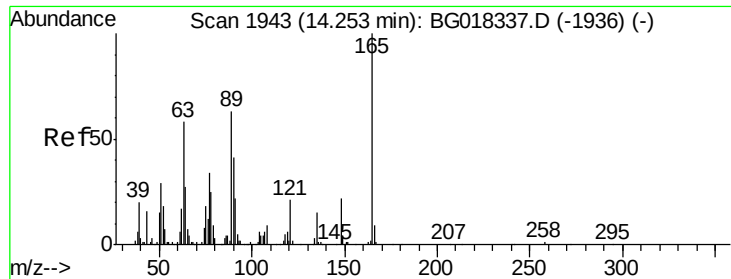
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	34.4	51.6
76	11.7	11.2	16.8



#45
Dimethylphthalate
Concen: 4.17 ng/ul
RT: 14.14 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BG018338.D
Acq: 9 Aug 2015 21:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	7.2	3.2	4.8#
164	11.5	8.0	12.0

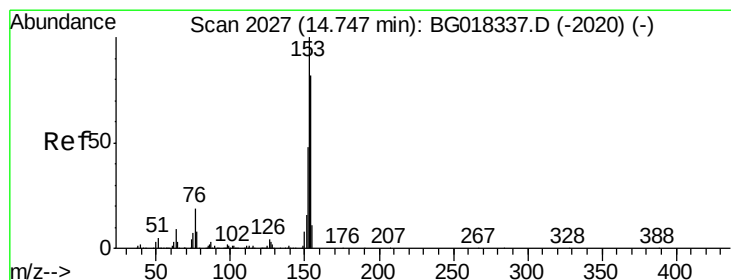
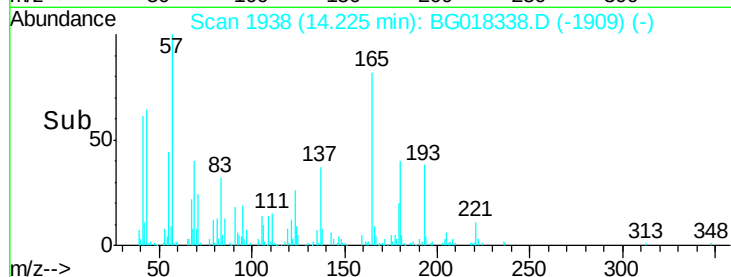
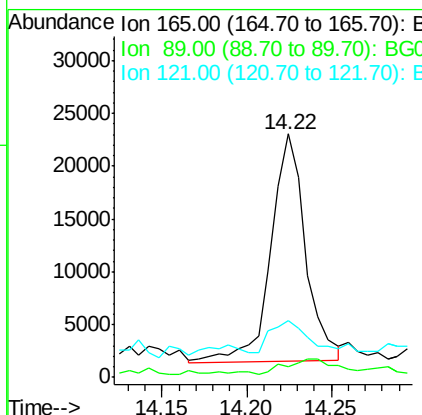
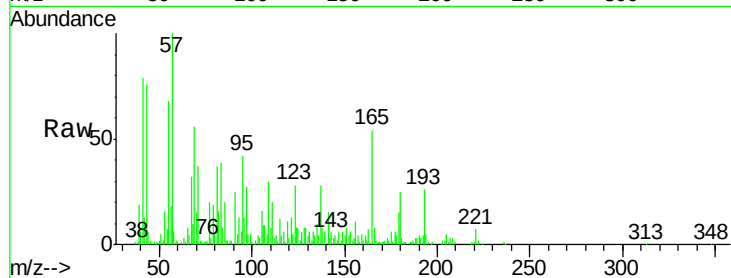




#46
 2,6-Dinitrotoluene
 Concen: 5.49 ng/ul
 RT: 14.22 min Scan# 1938
 Delta R.T. -0.03 min
 Lab File: BG018338.D
 Acq: 9 Aug 2015 21:02

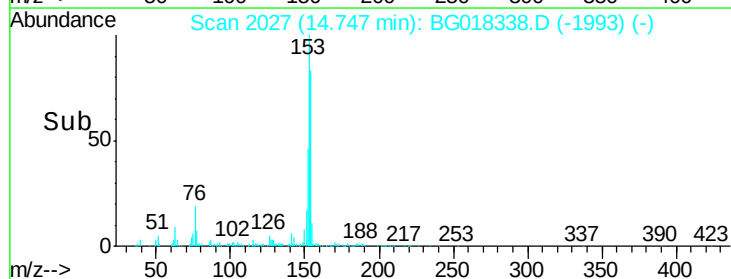
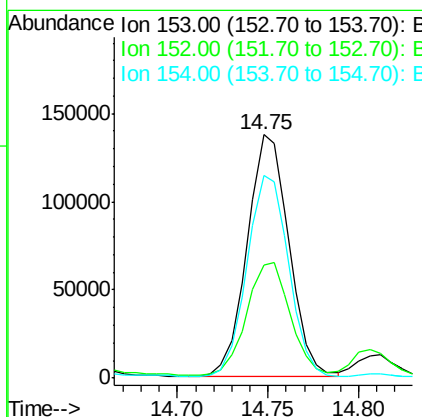
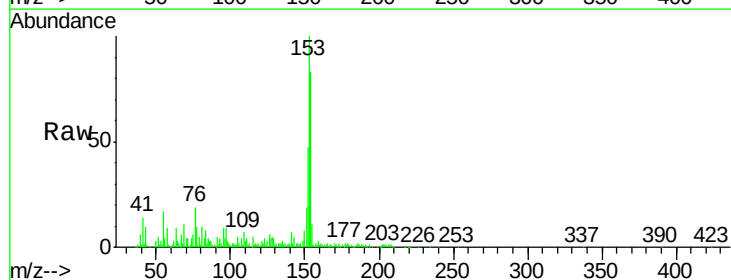
Instrument :
 BNA_G
 ClientSampleId :
 C02J7

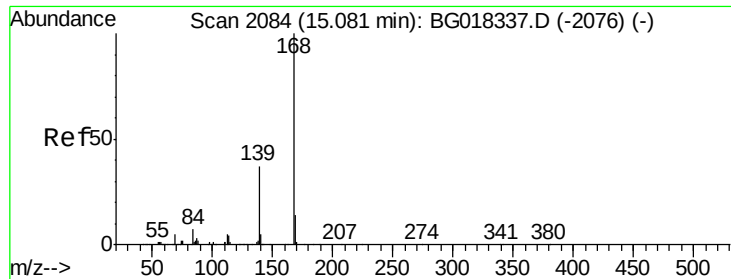
Tgt Ion:165 Resp: 30943
 Ion Ratio Lower Upper
 165 100
 89 4.4 52.1 78.1#
 121 23.6 20.8 31.2



#50
 Acenaphthene
 Concen: 8.60 ng/ul
 RT: 14.75 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BG018338.D
 Acq: 9 Aug 2015 21:02

Tgt Ion:153 Resp: 219209
 Ion Ratio Lower Upper
 153 100
 152 46.6 36.7 55.1
 154 83.2 69.0 103.4





#54

Dibenzenofuran

Concen: 5.21 ng/ul

RT: 15.08 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BG018338.D

Acq: 9 Aug 2015 21:02

Instrument :

BNA_G

ClientSampleId :

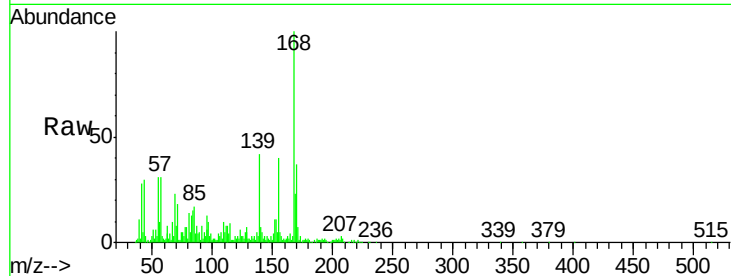
C02J7

Tgt Ion:168 Resp: 173742

Ion Ratio Lower Upper

168 100

139 42.0 31.4 47.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.08

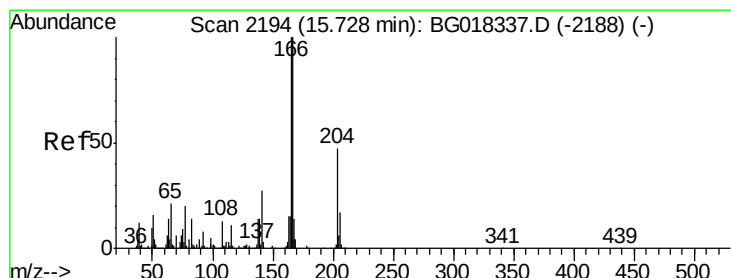
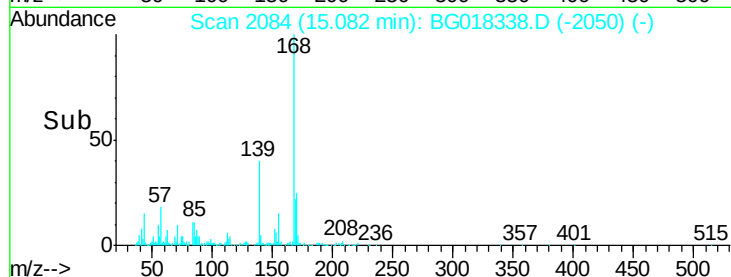
100000

50000

0

15.05 15.10 15.15

Time-->



#59

Fluorene

Concen: 8.22 ng/ul

RT: 15.73 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BG018338.D

Acq: 9 Aug 2015 21:02

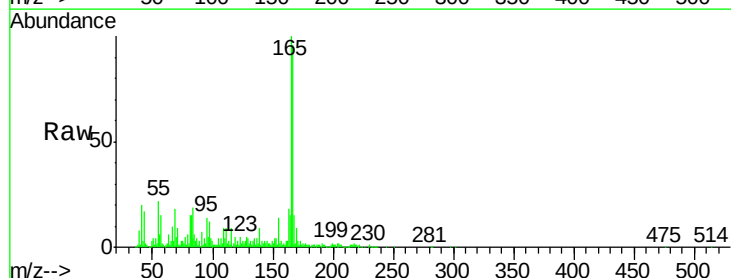
Tgt Ion:166 Resp: 236061

Ion Ratio Lower Upper

166 100

165 104.0 79.7 119.5

167 15.8 10.8 16.2



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

15.73

200000

150000

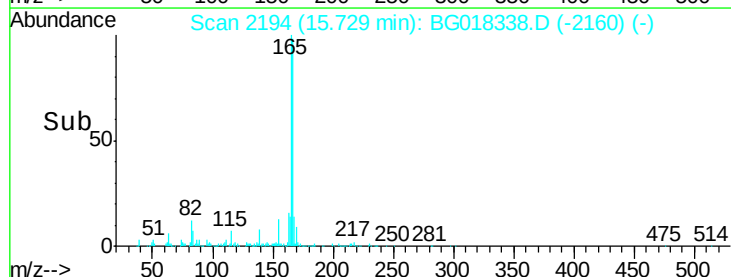
100000

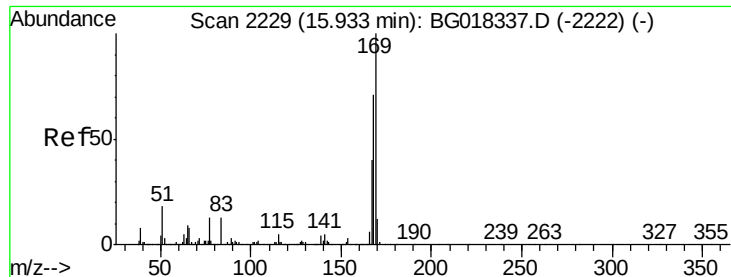
50000

0

15.65 15.70 15.75 15.80

Time-->

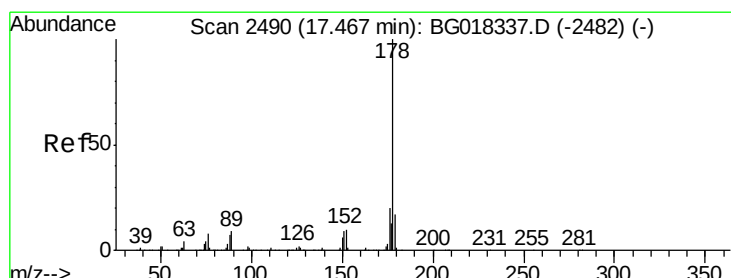
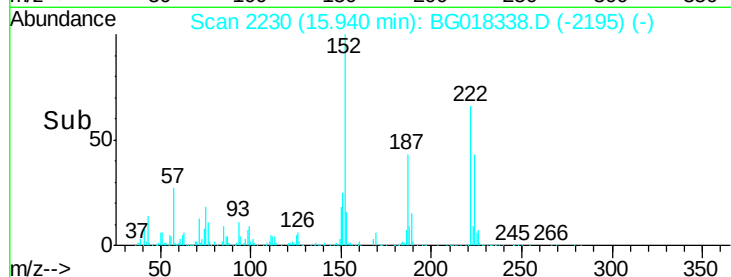
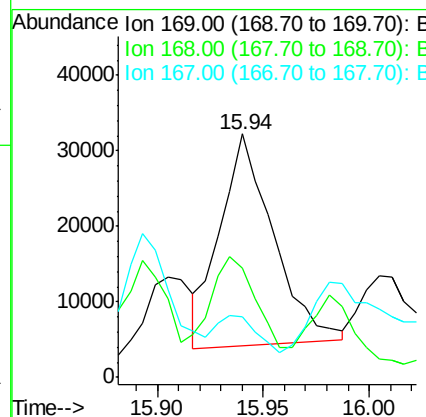
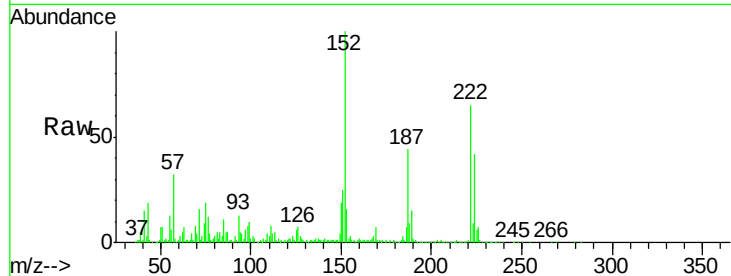




#65
 N-Nitrosodiphenylamine
 Concen: 2.21 ng/ul
 RT: 15.94 min Scan# 2230
 Delta R.T. 0.01 min
 Lab File: BG018338.D
 Acq: 9 Aug 2015 21:02

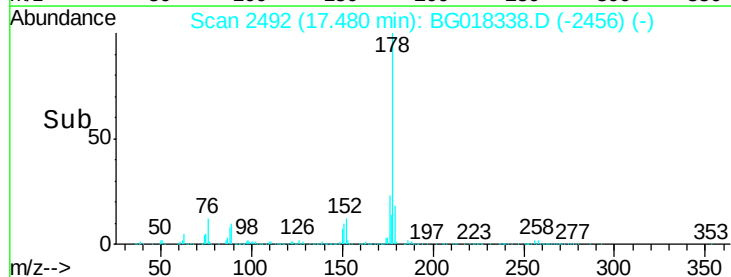
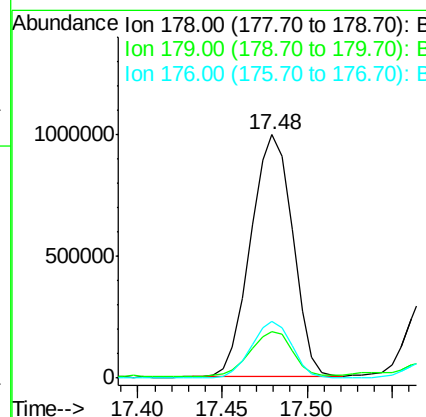
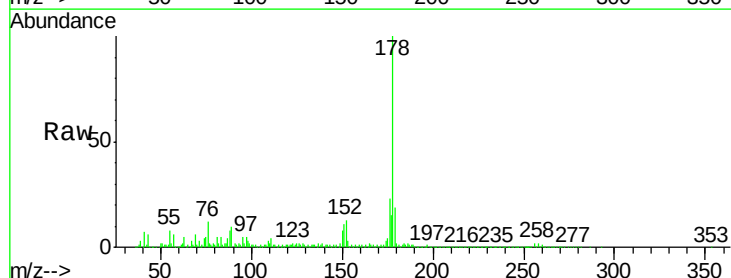
Instrument :
 BNA_G
 ClientSampleId :
 C02J7

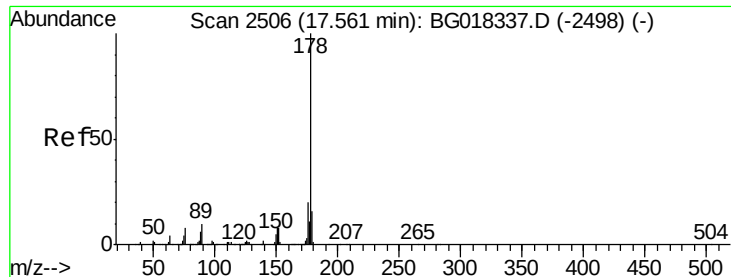
Tgt Ion:169 Resp: 49214
 Ion Ratio Lower Upper
 169 100
 168 44.8 60.5 90.7#
 167 25.1 31.7 47.5#



#70
 Phenanthrene
 Concen: 42.61 ng/ul
 RT: 17.48 min Scan# 2492
 Delta R.T. 0.01 min
 Lab File: BG018338.D
 Acq: 9 Aug 2015 21:02

Tgt Ion:178 Resp: 1714647
 Ion Ratio Lower Upper
 178 100
 179 19.1 12.4 18.6#
 176 23.3 15.9 23.9





#72

Anthracene

Concen: 41.83 ng/ul

RT: 17.48 min Scan# 2492

Delta R.T. -0.08 min

Lab File: BG018338.D

Acq: 9 Aug 2015 21:02

Instrument :

BNA_G

ClientSampleId :

C02J7

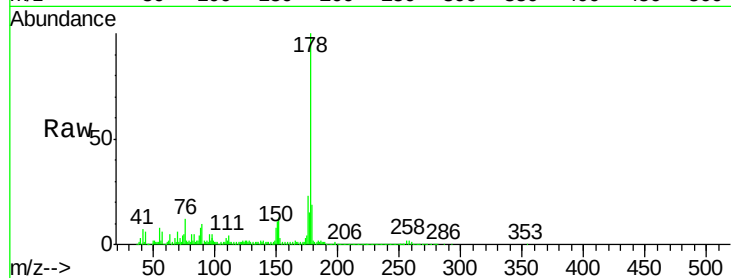
Tgt Ion:178 Resp: 1714647

Ion Ratio Lower Upper

178 100

179 19.1 12.8 19.2

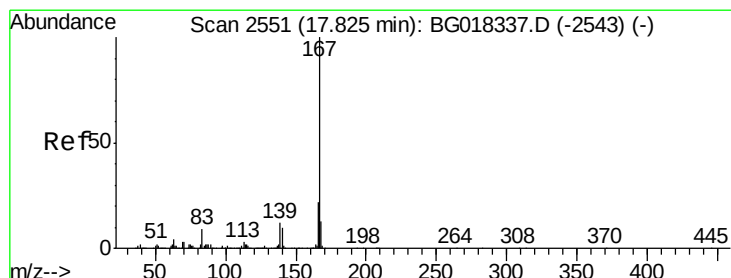
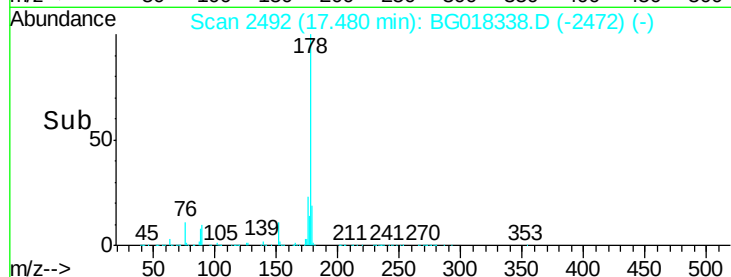
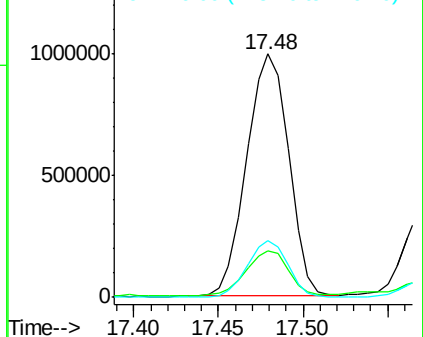
176 23.3 15.9 23.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 5.01 ng/ul

RT: 17.83 min Scan# 2551

Delta R.T. 0.00 min

Lab File: BG018338.D

Acq: 9 Aug 2015 21:02

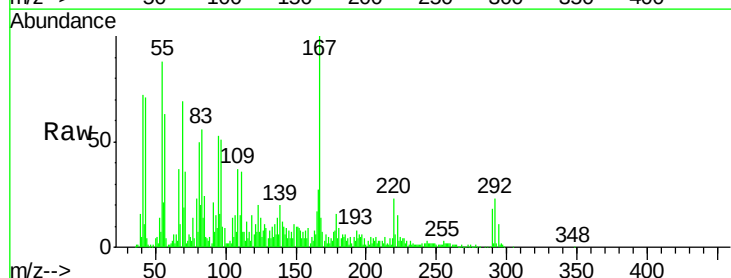
Tgt Ion:167 Resp: 180246

Ion Ratio Lower Upper

167 100

166 27.0 19.3 28.9

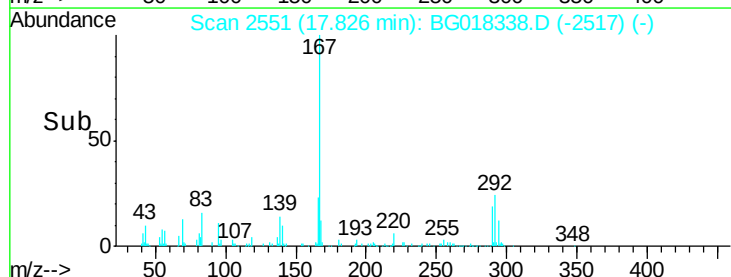
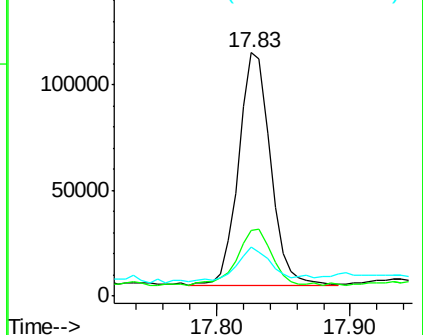
139 20.0 10.7 16.1#

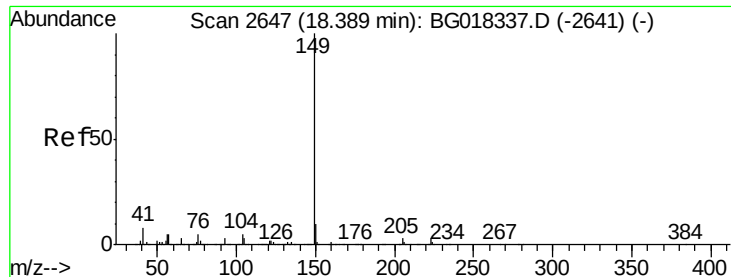


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#76

Di-n-butylphthalate

Concen: 6.89 ng/ul

RT: 18.42 min Scan# 2652

Delta R.T. 0.03 min

Lab File: BG018338.D

Acq: 9 Aug 2015 21:02

Instrument :

BNA_G

ClientSampleId :

C02J7

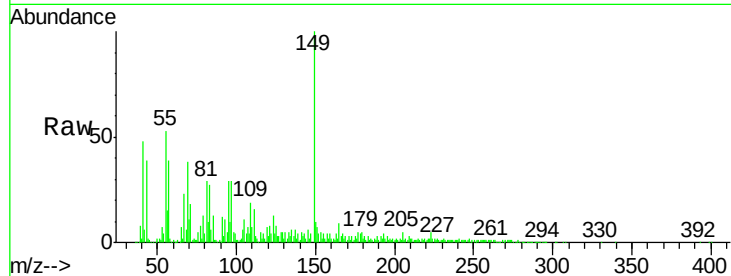
Tgt Ion:149 Resp: 323672

Ion Ratio Lower Upper

149 100

150 10.5 7.4 11.2

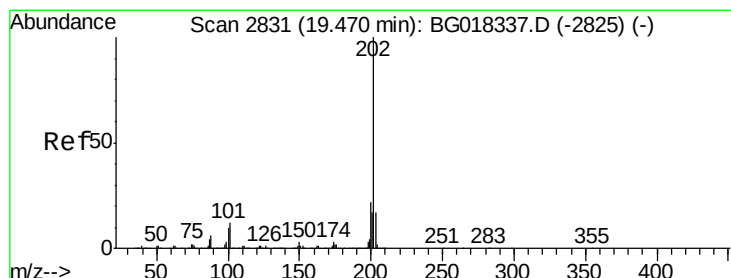
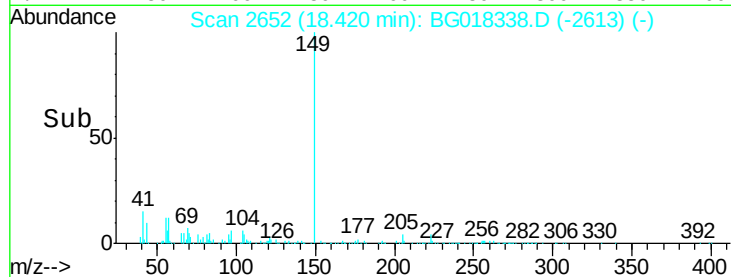
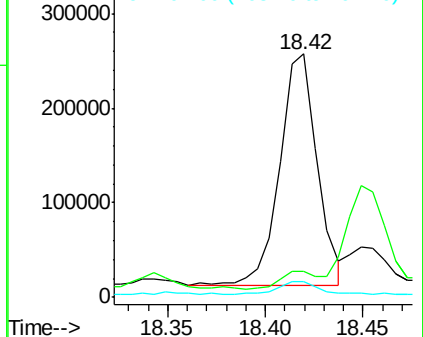
104 6.3 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#77

Fluoranthene

Concen: 54.47 ng/ul

RT: 19.50 min Scan# 2836

Delta R.T. 0.03 min

Lab File: BG018338.D

Acq: 9 Aug 2015 21:02

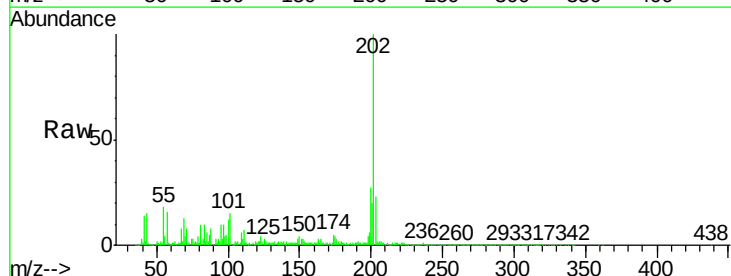
Tgt Ion:202 Resp: 2336063

Ion Ratio Lower Upper

202 100

101 15.1 8.9 13.3#

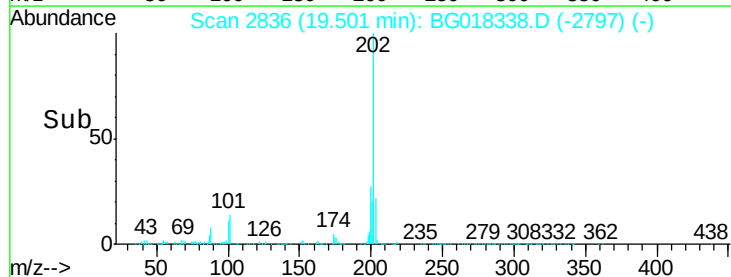
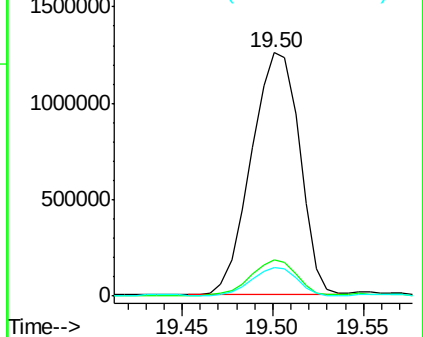
100 11.8 8.5 12.7

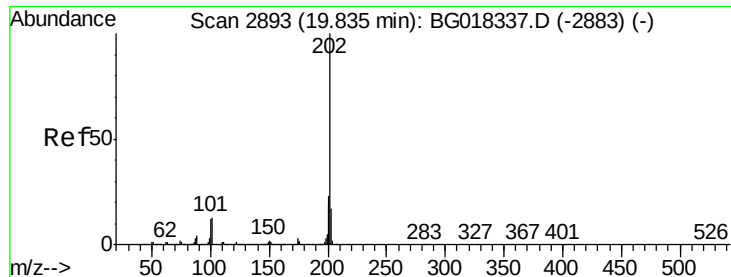


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

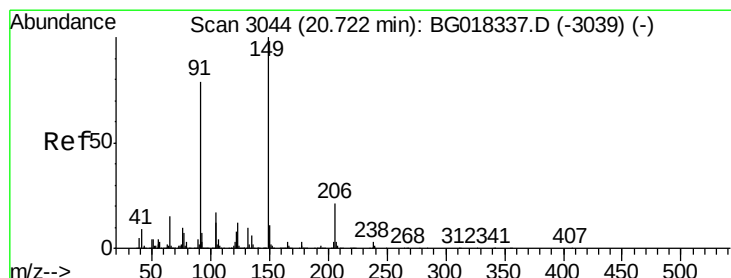
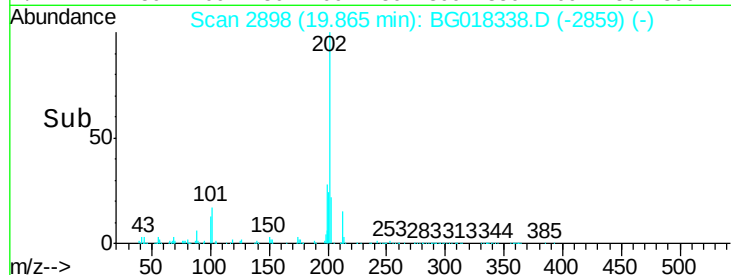
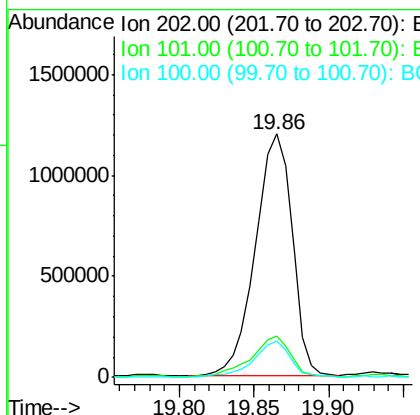
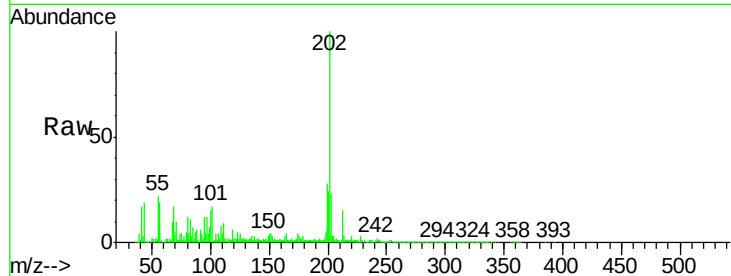




#80
 Pyrene
 Concen: 60.91 ng/ul
 RT: 19.86 min Scan# 2898
 Delta R.T. 0.03 min
 Lab File: BG018338.D
 Acq: 9 Aug 2015 21:02

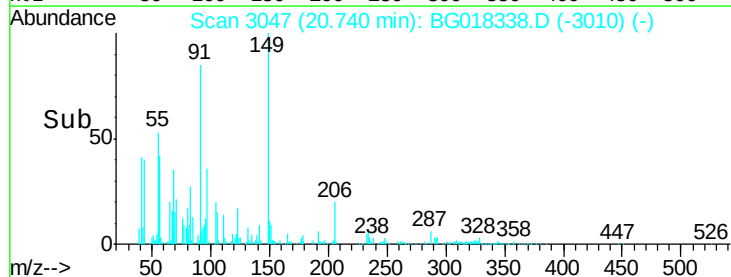
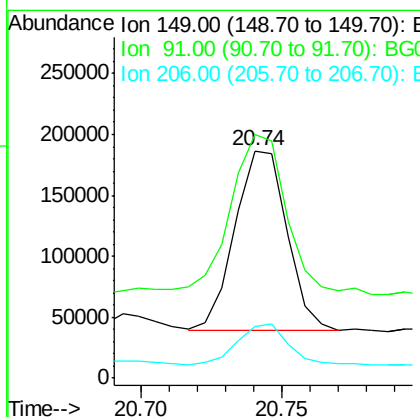
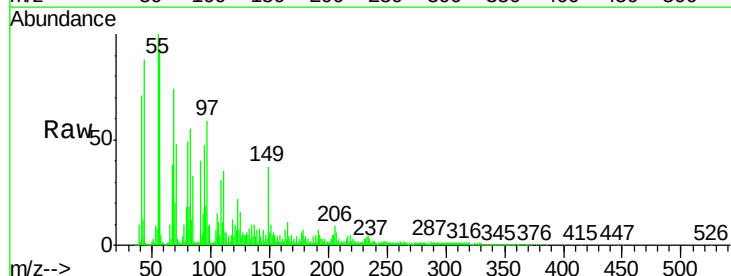
Instrument :
 BNA_G
 ClientSampleId :
 C02J7

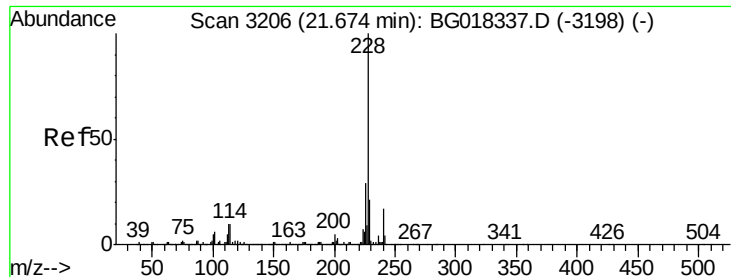
Tgt Ion: 202 Resp: 2049057
 Ion Ratio Lower Upper
 202 100
 101 16.9 11.3 16.9
 100 14.7 9.6 14.4#



#81
 Butylbenzylphthalate
 Concen: 13.18 ng/ul
 RT: 20.74 min Scan# 3047
 Delta R.T. 0.02 min
 Lab File: BG018338.D
 Acq: 9 Aug 2015 21:02

Tgt Ion: 149 Resp: 188451
 Ion Ratio Lower Upper
 149 100
 91 107.2 63.4 95.2#
 206 23.0 17.8 26.6





#83

Benzo(a)anthracene

Concen: 30.44 ng/ul

RT: 21.70 min Scan# 3211

Delta R.T. 0.03 min

Lab File: BG018338.D

Acq: 9 Aug 2015 21:02

Instrument :

BNA_G

ClientSampleId :

C02J7

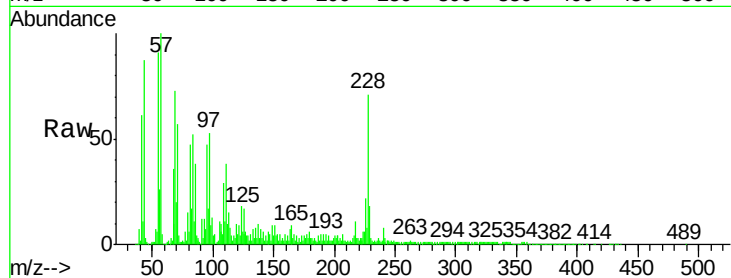
Tgt Ion:228 Resp: 942587

Ion Ratio Lower Upper

228 100

229 24.8 15.4 23.2#

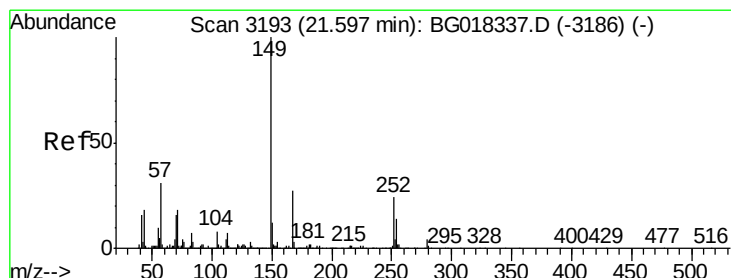
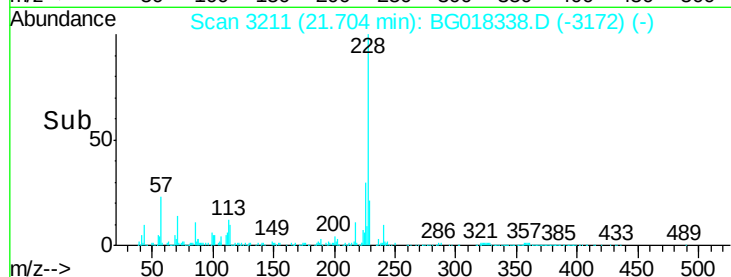
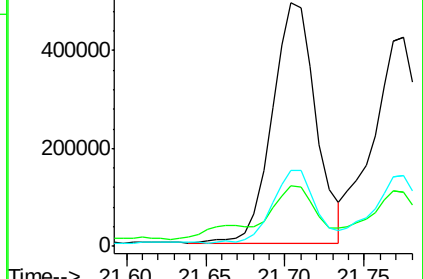
226 31.4 22.3 33.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 170.98 ng/ul

RT: 21.63 min Scan# 3199

Delta R.T. 0.04 min

Lab File: BG018338.D

Acq: 9 Aug 2015 21:02

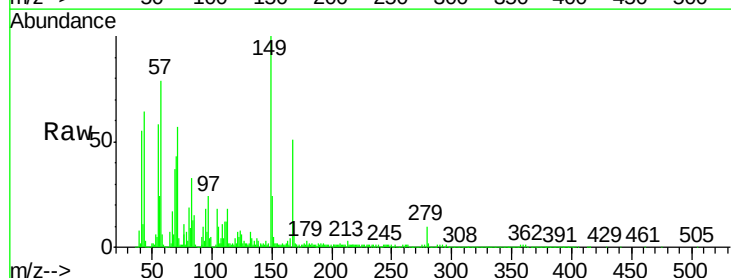
Tgt Ion:149 Resp: 3467201

Ion Ratio Lower Upper

149 100

167 50.7 21.8 32.6#

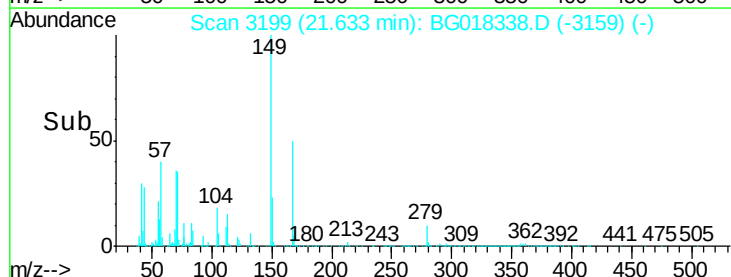
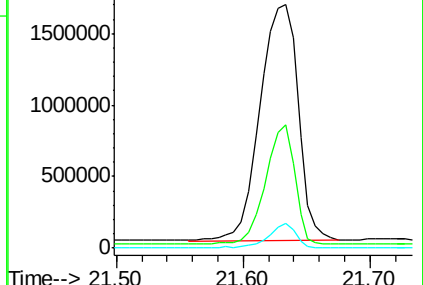
279 10.3 2.8 4.2#

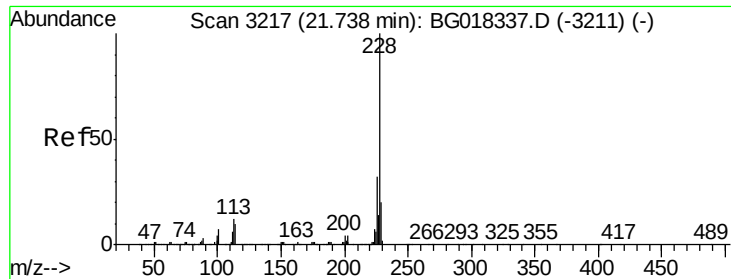


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 29.38 ng/ul

RT: 21.77 min Scan# 3223

Delta R.T. 0.04 min

Lab File: BG018338.D

Acq: 9 Aug 2015 21:02

Instrument :

BNA_G

ClientSampleId :

C02J7

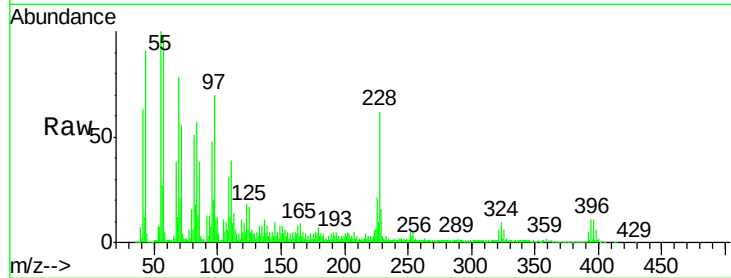
Tgt Ion:228 Resp: 851460

Ion Ratio Lower Upper

228 100

226 33.7 24.6 37.0

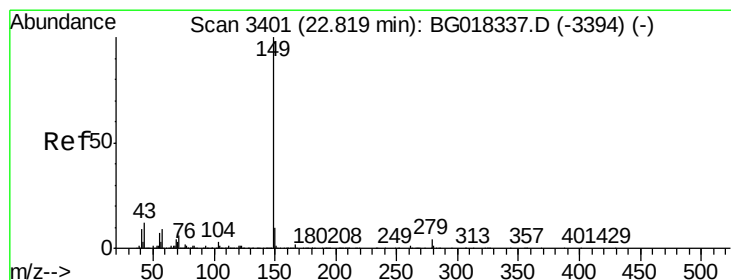
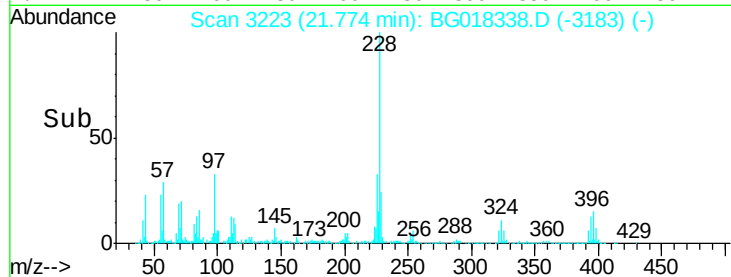
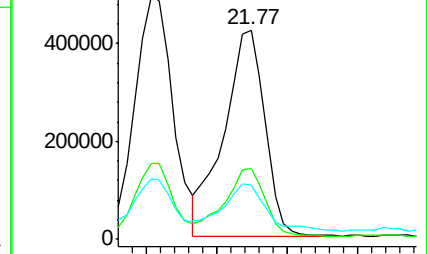
229 26.0 16.0 24.0#



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



#87

Di-n-octyl phthalate

Concen: 17309.23 ng/ul

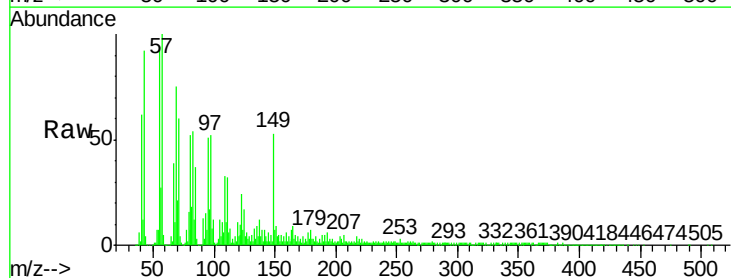
RT: 22.87 min Scan# 3409

Delta R.T. 0.05 min

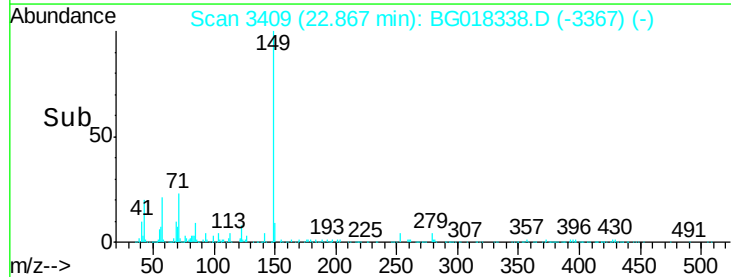
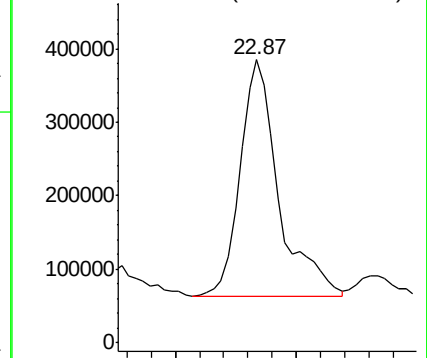
Lab File: BG018338.D

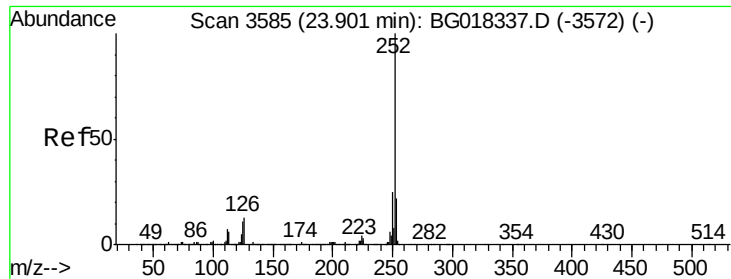
Acq: 9 Aug 2015 21:02

Tgt Ion:149 Resp: 714986



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 74.59 ng/ul

RT: 23.85 min Scan# 3577

Delta R.T. -0.05 min

Lab File: BG018338.D

Acq: 9 Aug 2015 21:02

Instrument :

BNA_G

ClientSampleId :

C02J7

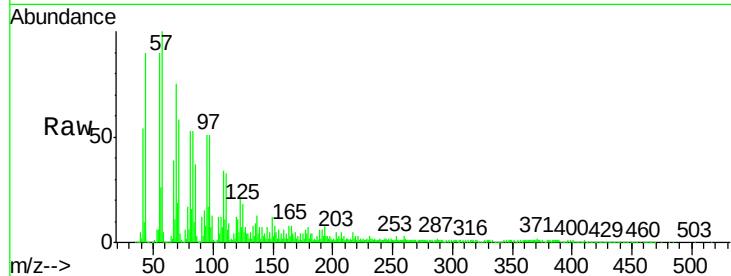
Tgt Ion:252 Resp: 2991

Ion Ratio Lower Upper

252 100

253 265.6 18.0 27.0#

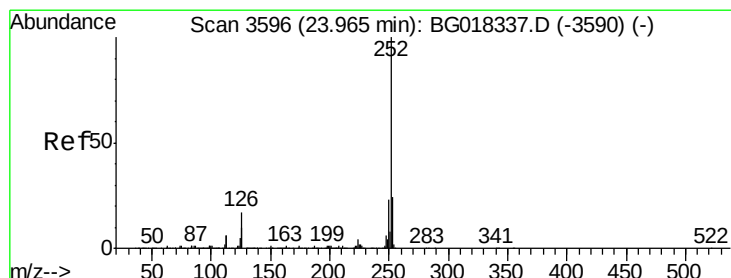
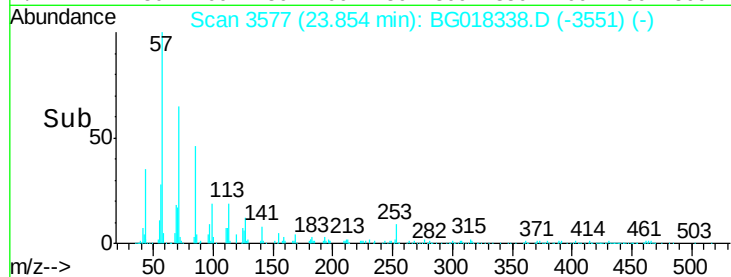
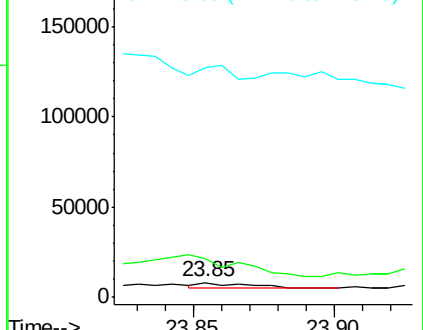
125 1582.8 8.6 12.8#



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



#89

Benzo(k)fluoranthene

Concen: 26441.87 ng/ul

RT: 23.98 min Scan# 3599

Delta R.T. 0.02 min

Lab File: BG018338.D

Acq: 9 Aug 2015 21:02

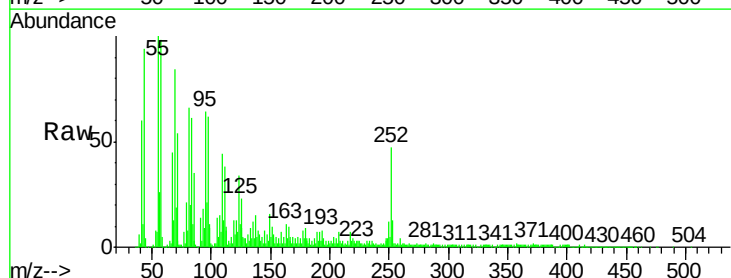
Tgt Ion:252 Resp: 1026619

Ion Ratio Lower Upper

252 100

253 26.8 17.0 25.4#

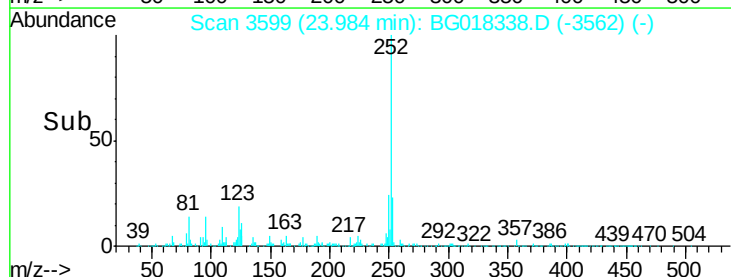
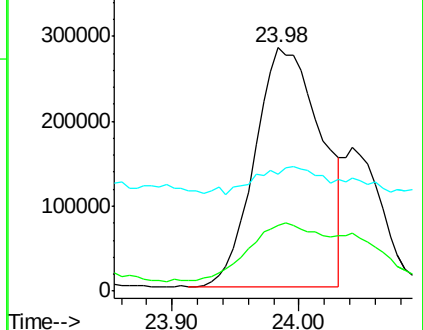
125 48.0 7.7 11.5#

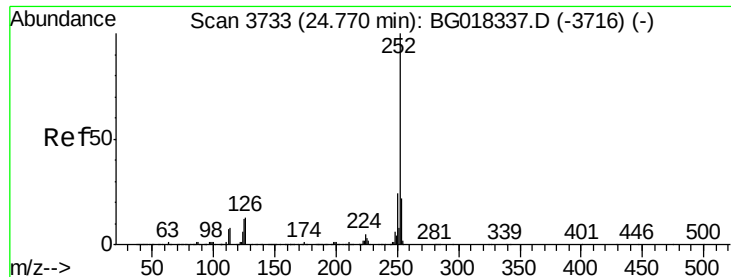


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 12538.60 ng/ul

RT: 24.73 min Scan# 3726

Delta R.T. -0.04 min

Lab File: BG018338.D

Acq: 9 Aug 2015 21:02

Instrument :

BNA_G

ClientSampleId :

C02J7

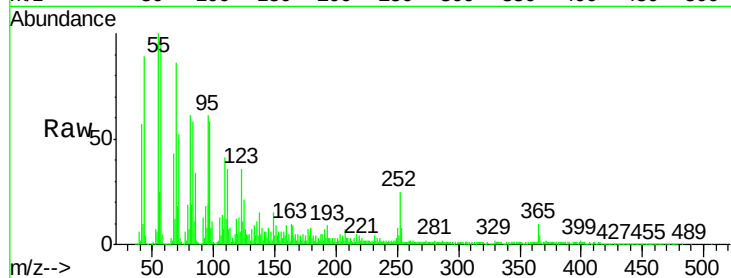
Tgt Ion:252 Resp: 478116

Ion Ratio Lower Upper

252 100

253 31.7 18.6 27.8#

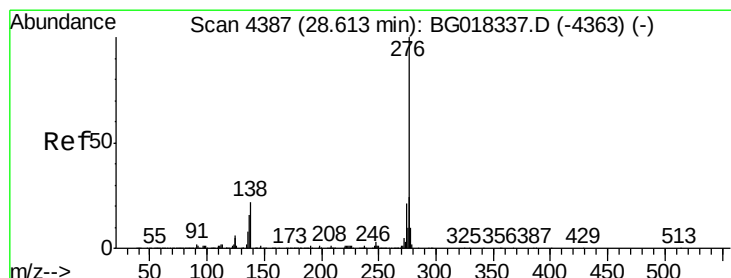
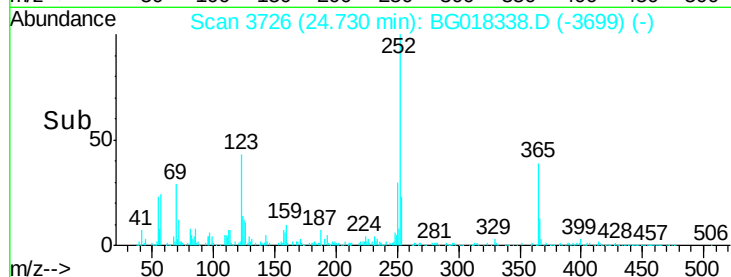
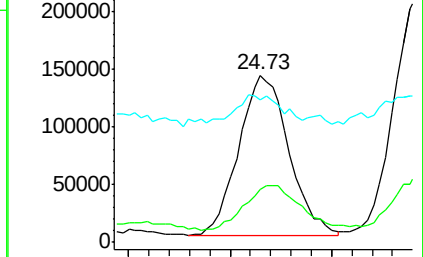
125 85.5 9.8 14.6#



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 17.44 ng/ul

RT: 28.63 min Scan# 4389

Delta R.T. 0.01 min

Lab File: BG018338.D

Acq: 9 Aug 2015 21:02

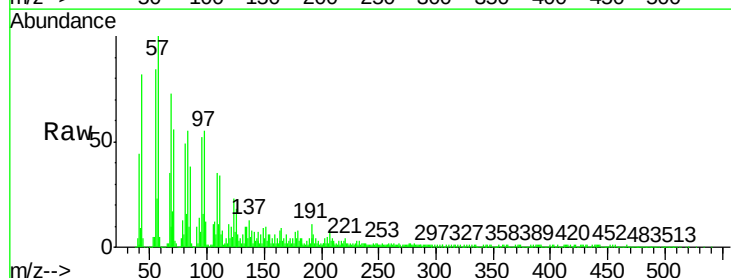
Tgt Ion:276 Resp: 771

Ion Ratio Lower Upper

276 100

138 345.8 15.9 23.9#

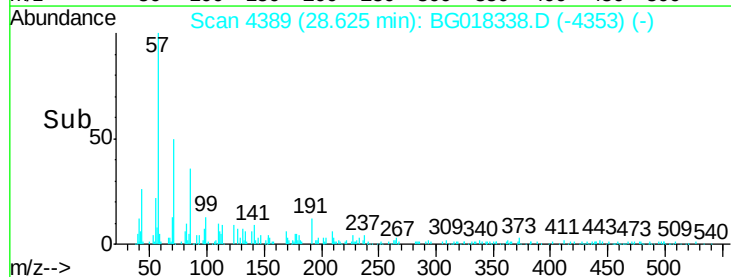
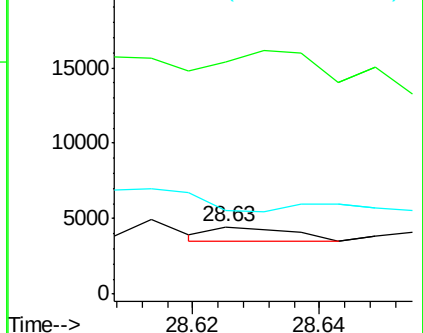
277 124.5 19.0 28.6#

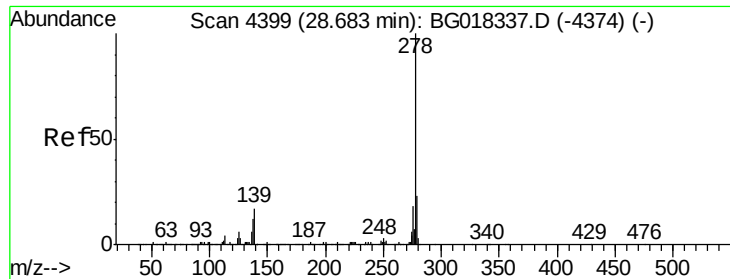


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 85.47 ng/ul

RT: 28.69 min Scan# 4400

Delta R.T. 0.01 min

Lab File: BG018338.D

Acq: 9 Aug 2015 21:02

Instrument :

BNA_G

ClientSampleId :

C02J7

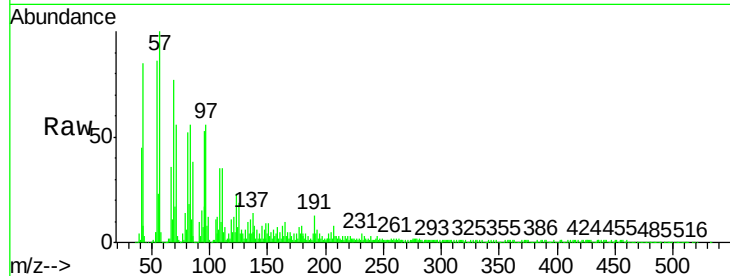
Tgt Ion:278 Resp: 3135

Ion Ratio Lower Upper

278 100

139 394.9 12.2 18.2#

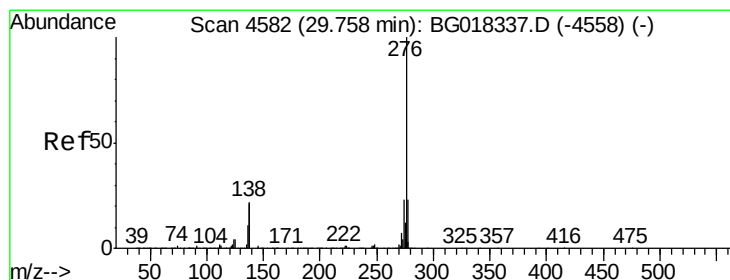
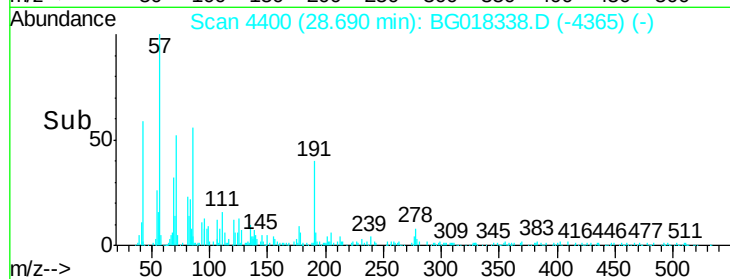
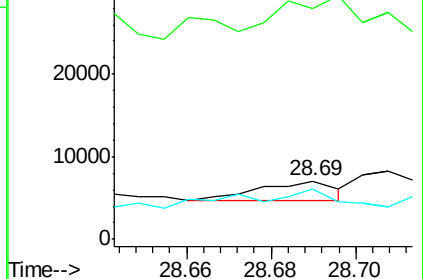
279 86.0 18.3 27.5#



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



#94

Benzo(g,h,i)perylene

Concen: 33.65 ng/ul

RT: 29.77 min Scan# 4583

Delta R.T. 0.01 min

Lab File: BG018338.D

Acq: 9 Aug 2015 21:02

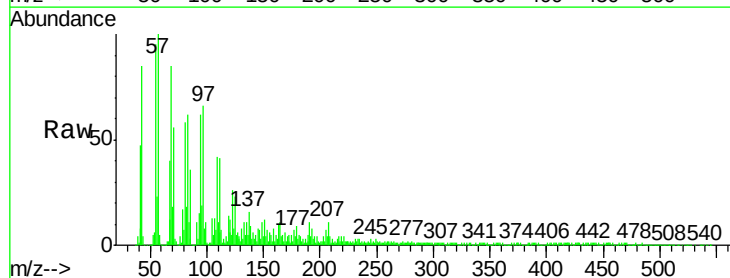
Tgt Ion:276 Resp: 1245

Ion Ratio Lower Upper

276 100

138 329.2 17.4 26.0#

277 122.9 18.4 27.6#



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

