

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
 Data File : BG018362.D
 Acq On : 10 Aug 2015 20:18
 Operator : UM/MA
 Sample : G3109-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8

Quant Time: Aug 11 01:42:54 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 11 01:39:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	189924	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	786585	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.66	164	417215	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	870266	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	725753	20.00	ng/ul	0.04
86) Perylene-d12	24.92	264	1159	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	6099	1.42	ng/uL	0.00
5) Phenol-d5	7.19	99	151941	8.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	112995	10.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	130737	9.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	134058	9.26	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	67551	11.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.91	143	64366	10.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	133842	10.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	54985	3.67	ng/ul	0.00
44) Dimethylphthalate-d6	14.06	166	373934	10.65	ng/ul	0.00
47) Acenaphthylene-d8	14.35	160	488187	11.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	33947	5.38	ng/ul	0.00
58) Fluorene-d10	15.65	176	315437	10.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.76	200	21913	5.12	ng/ul	0.00
71) Anthracene-d10	17.51	188	429209	10.31	ng/ul	0.01
79) Pyrene-d10	19.82	212	401525	10.66	ng/ul	0.04
90) Benzo(a)pyrene-d12	24.71	264	754	12.25	ng/ul	0.06

Target Compounds

						Qvalue
4) Benzaldehyde	7.19	77	52099	5.15	ng/ul#	1
11) 2-Methylphenol	8.47	108	18332	1.34	ng/ul	89
14) Acetophenone	8.84	105	101490	4.85	ng/ul#	45
16) 4-Methylphenol	8.80	108	80613	5.42	ng/ul	91
17) Hexachloroethane	9.14	117	28734	4.96	ng/ul#	10
24) 2,4-Dimethylphenol	10.00	107	209625	13.49	ng/ul	94
28) Naphthalene	10.89	128	642892	15.46	ng/ul	98
34) 2-Methylnaphthalene	12.49	142	290893	9.66	ng/ul	96
35) 1-Methylnaphthalene	12.71	142	208178	7.08	ng/ul	100
41) 1,1'-Biphenyl	13.49	154	156079	4.48	ng/ul	94
45) Dimethylphthalate	14.11	163	246789	7.13	ng/ul#	98
46) 2,6-Dinitrotoluene	14.19	165	43835	6.36	ng/ul#	46
50) Acenaphthene	14.72	153	351210	11.29	ng/ul	98
54) Dibenzofuran	15.05	168	306493	7.54	ng/ul	93
59) Fluorene	15.70	166	384317	10.99	ng/ul	99
65) N-Nitrosodiphenylamine	15.92	169	80332	3.07	ng/ul#	66
70) Phenanthrene	17.46	178	2072300	43.89	ng/ul	93
72) Anthracene	17.55	178	598565	12.44	ng/ul#	95
75) Carbazole	17.80	167	264406	6.27	ng/ul#	91
77) Fluoranthene	19.49	202	2438709	48.36	ng/ul#	94
80) Pyrene	19.85	202	2155815	43.93	ng/ul	95
81) Butylbenzylphthalate	20.72	149	283655	13.66	ng/ul#	69
82) 3,3'-Dichlorobenzidine	21.56	252	20583	1.37	ng/ul#	1

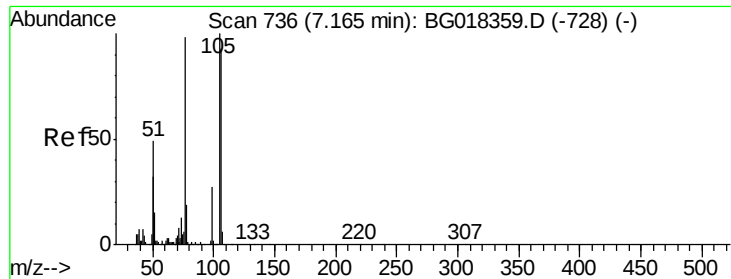
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Benzo(a)anthracene	21.69	228	1074435	23.88	ng/ul#	91
84) Bis(2-ethylhexyl)phthalate	21.61	149	4780644	163.00	ng/ul#	30
85) Chrysene	21.69	228	1066838	25.36	ng/ul	94
87) Di-n-octyl phthalate	22.84	149	1434005	19175.76	ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	1373150	18855.77	ng/ul#	53
89) Benzo(k)fluoranthene	23.97	252	1373150	19584.60	ng/ul#	52
91) Benzo(a)pyrene	24.71	252	695583	10046.64	ng/ul#	10
92) Indeno(1,2,3-cd)pyrene	28.58	276	1703	21.26	ng/ul#	1
93) Dibenzo(a,h)anthracene	28.67	278	8061	121.13	ng/ul#	1
94) Benzo(g,h,i)perylene	29.75	276	1078	16.02	ng/ul#	1

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



#4

Benzaldehyde

Concen: 5.15 ng/ul

RT: 7.19 min Scan# 740

Delta R.T. 0.02 min

Lab File: BG018362.D

Acq: 10 Aug 2015 20:18

Instrument :

BNA_G

ClientSampleId :

C01P8

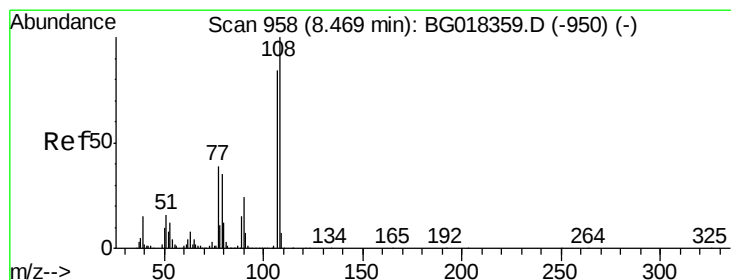
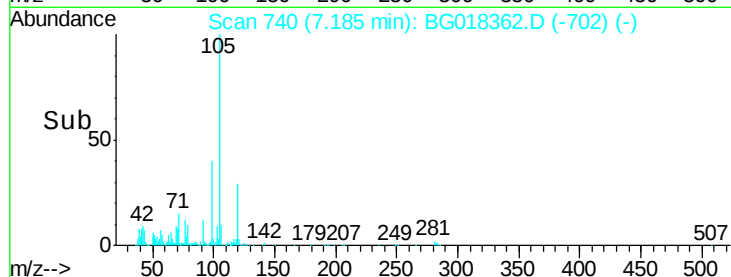
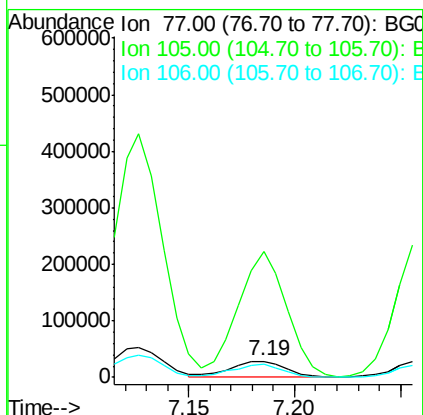
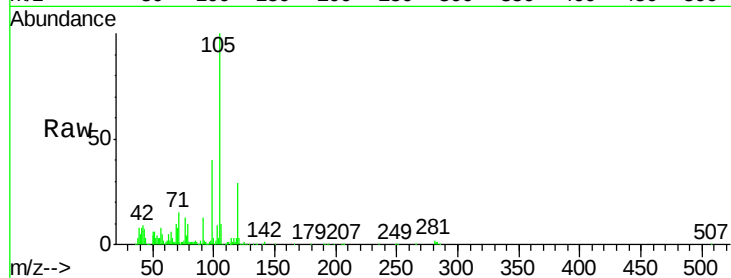
Tgt Ion: 77 Resp: 52099

Ion Ratio Lower Upper

77 100

105 790.0 78.2 117.2#

106 79.3 76.8 115.2



#11

2-Methylphenol

Concen: 1.34 ng/ul

RT: 8.47 min Scan# 958

Delta R.T. -0.00 min

Lab File: BG018362.D

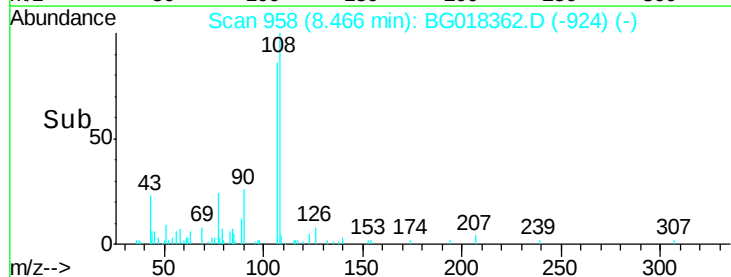
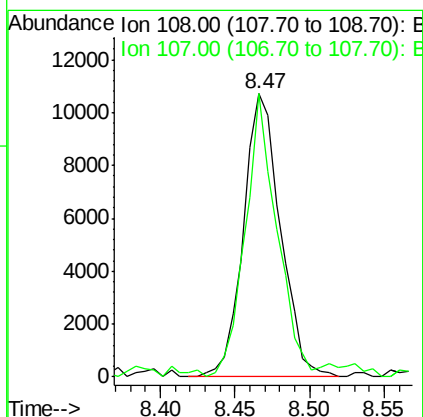
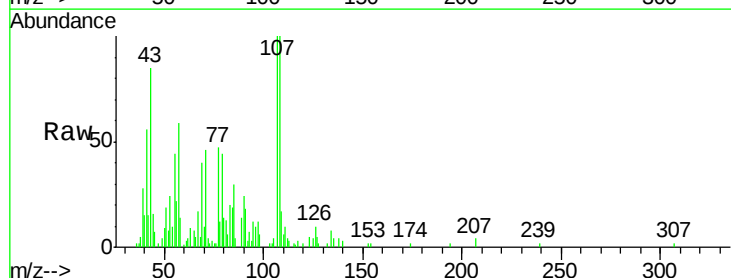
Acq: 10 Aug 2015 20:18

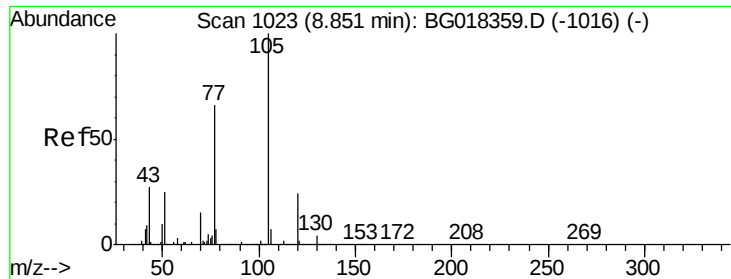
Tgt Ion: 108 Resp: 18332

Ion Ratio Lower Upper

108 100

107 100.0 72.1 108.1





#14

Acetophenone

Concen: 4.85 ng/ul

RT: 8.84 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BG018362.D

Acq: 10 Aug 2015 20:18

Instrument :

BNA_G

ClientSampleId :

C01P8

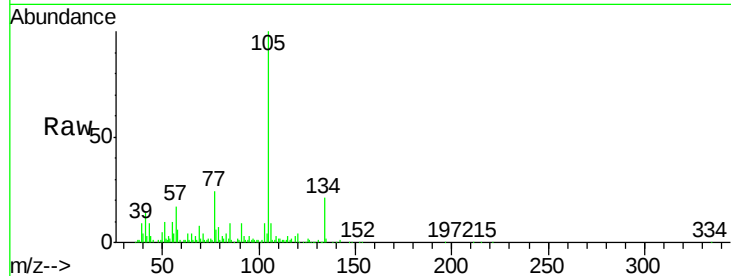
Tgt Ion:105 Resp: 101490

Ion Ratio Lower Upper

105 100

77 23.6 61.9 92.9#

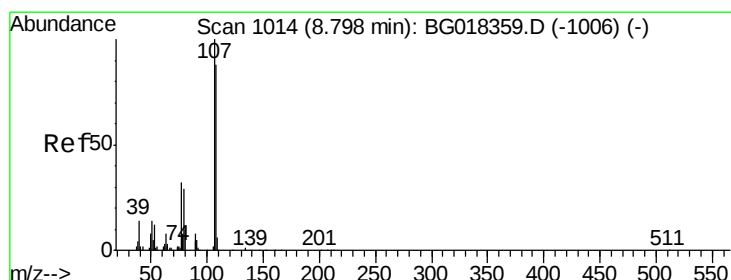
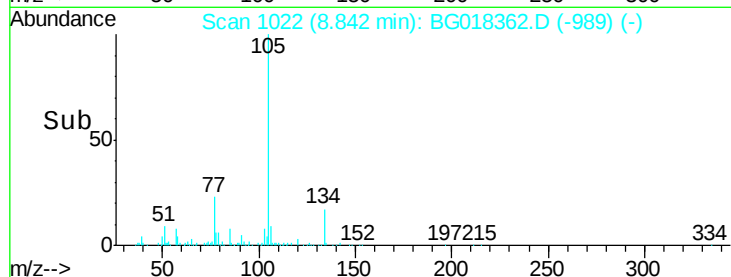
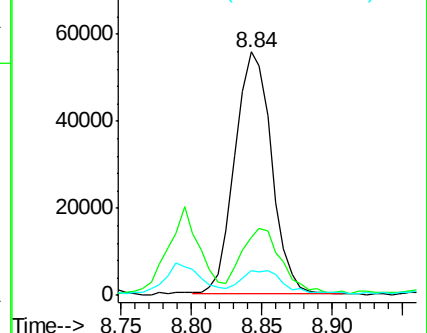
51 10.2 25.5 38.3#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG018359.D (-1016) (-)

Ion 51.00 (50.70 to 51.70): BG018359.D (-1016) (-)



#16

4-Methylphenol

Concen: 5.42 ng/ul

RT: 8.80 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BG018362.D

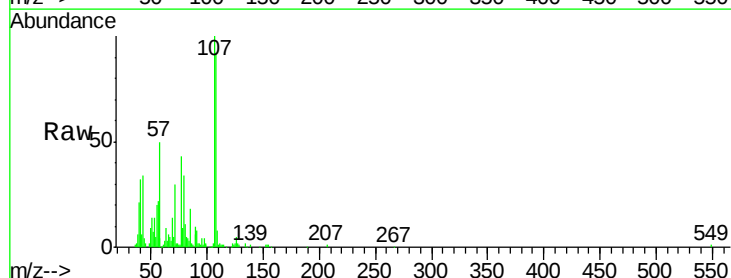
Acq: 10 Aug 2015 20:18

Tgt Ion:108 Resp: 80613

Ion Ratio Lower Upper

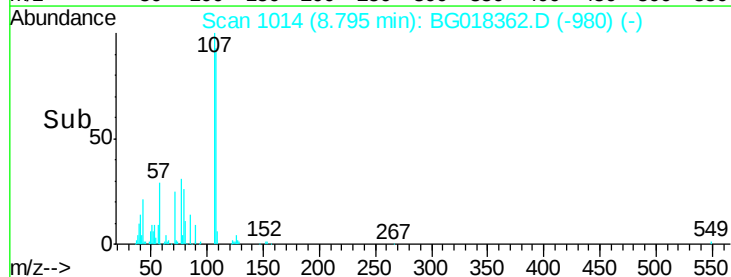
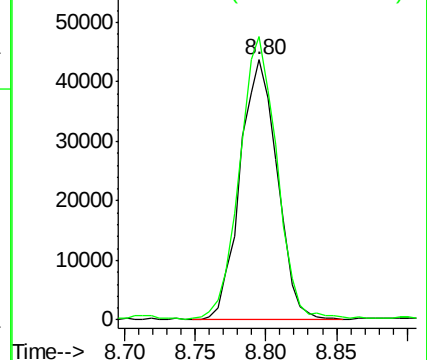
108 100

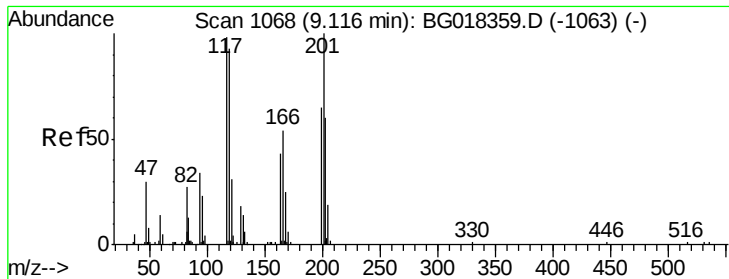
107 108.9 94.6 142.0



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): BG018359.D (-1006) (-)





#17

Hexachloroethane

Concen: 4.96 ng/ul

RT: 9.14 min Scan# 1073

Delta R.T. 0.03 min

Lab File: BG018362.D

Acq: 10 Aug 2015 20:18

Instrument :

BNA_G

ClientSampleId :

C01P8

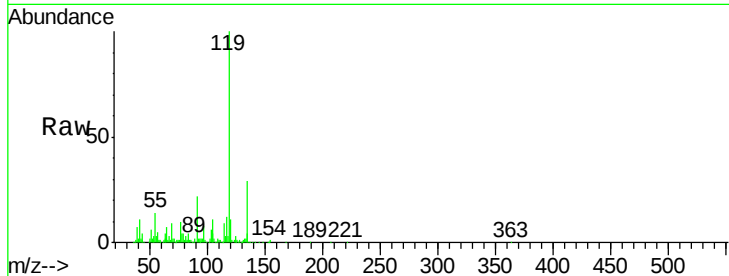
Tgt Ion:117 Resp: 28734

Ion Ratio Lower Upper

117 100

201 0.0 73.6 110.4#

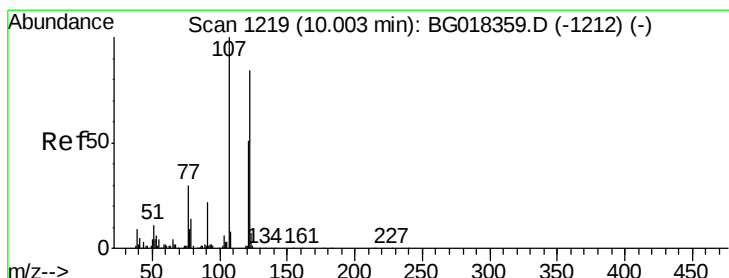
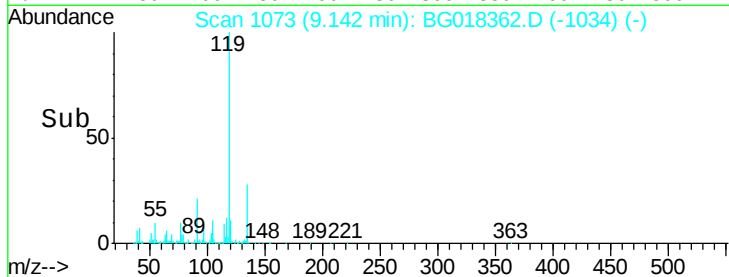
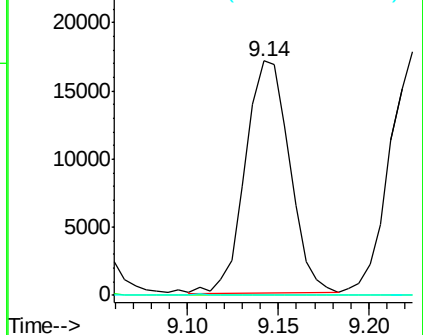
199 0.0 48.6 72.8#



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



#24

2,4-Dimethylphenol

Concen: 13.49 ng/ul

RT: 10.00 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BG018362.D

Acq: 10 Aug 2015 20:18

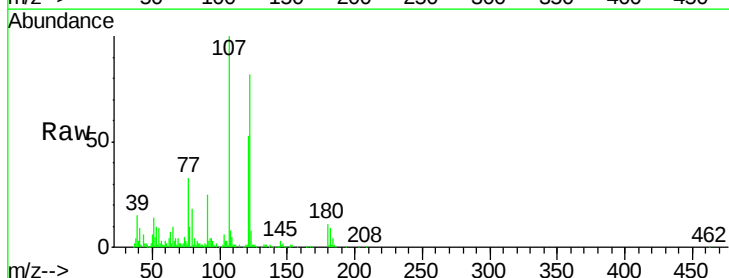
Tgt Ion:107 Resp: 209625

Ion Ratio Lower Upper

107 100

121 53.3 41.3 61.9

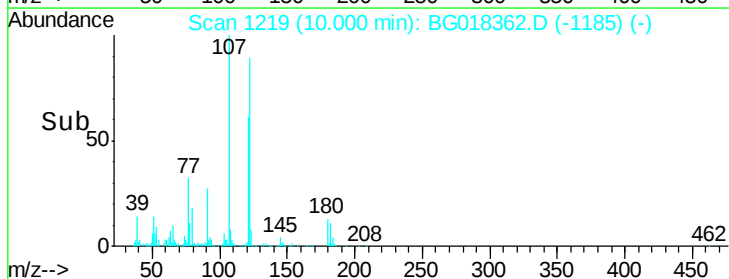
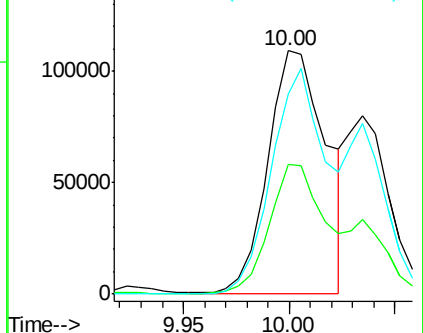
122 82.4 71.9 107.9

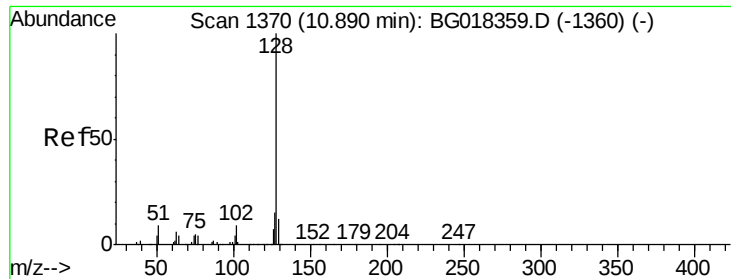


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

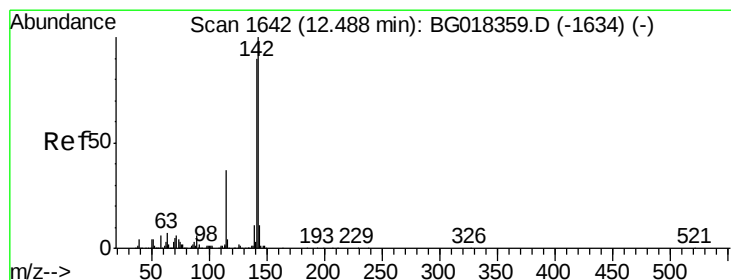
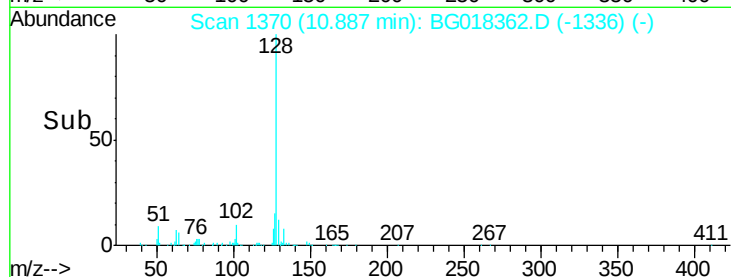
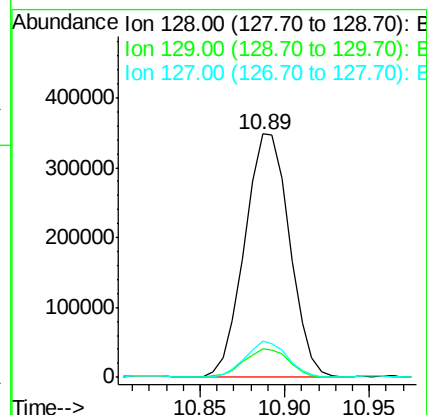
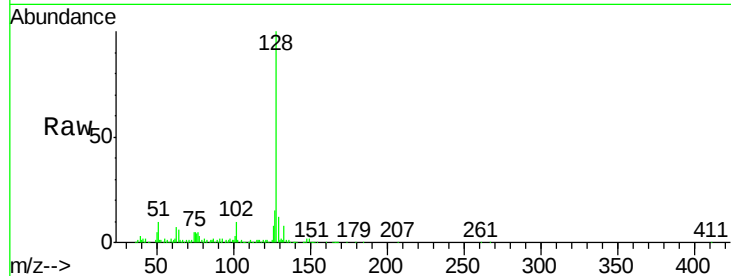




#28
Naphthalene
Concen: 15.46 ng/ul
RT: 10.89 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG018362.D
Acq: 10 Aug 2015 20:18

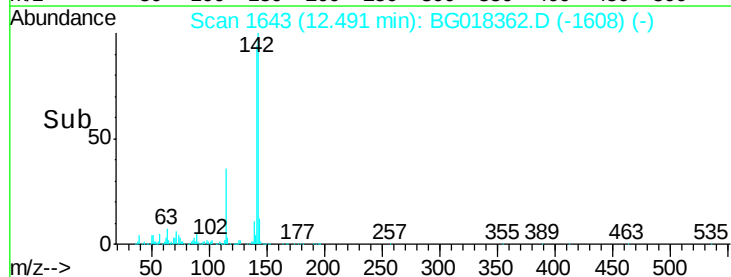
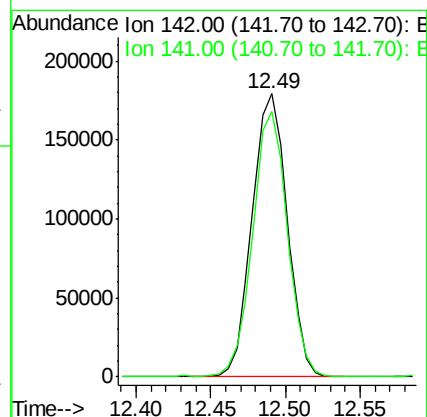
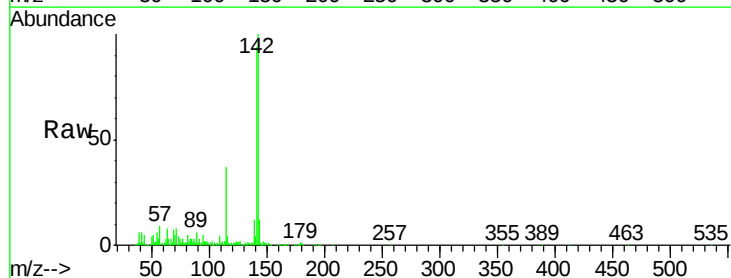
Instrument :
BNA_G
ClientSampleId :
C01P8

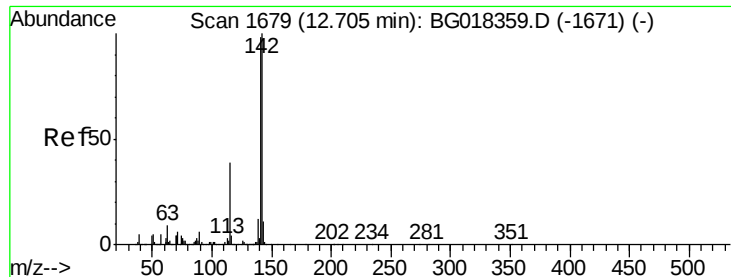
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.6	14.4
127	14.9	10.5	15.7



#34
2-Methylnaphthalene
Concen: 9.66 ng/ul
RT: 12.49 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG018362.D
Acq: 10 Aug 2015 20:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	78.0	117.0

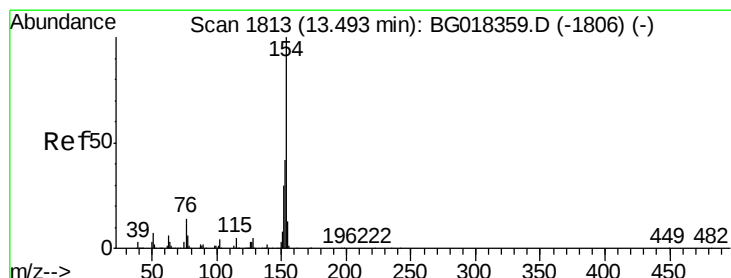
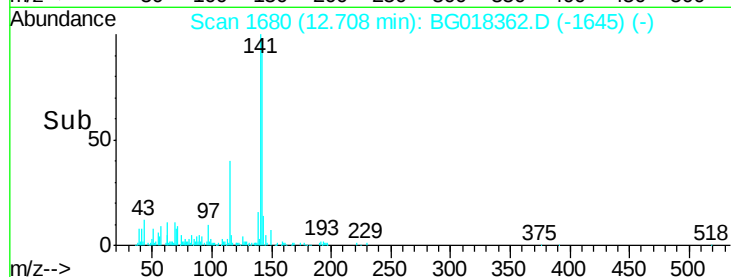
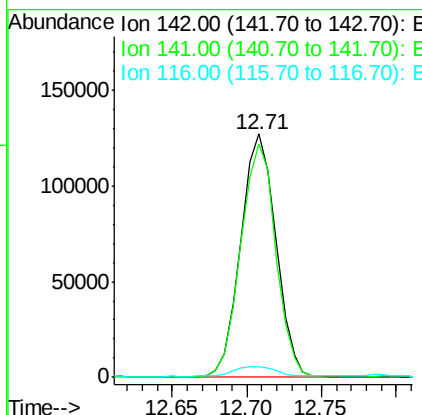
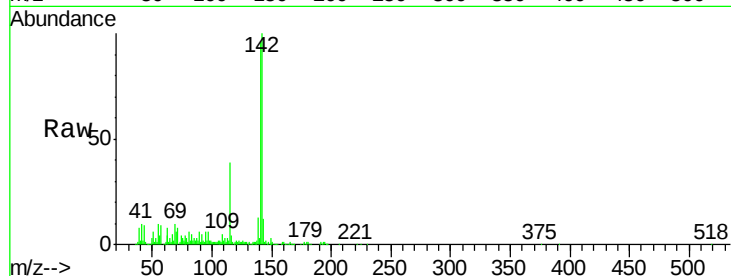




#35
 1-Methylnaphthalene
 Concen: 7.08 ng/ul
 RT: 12.71 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BG018362.D
 Acq: 10 Aug 2015 20:18

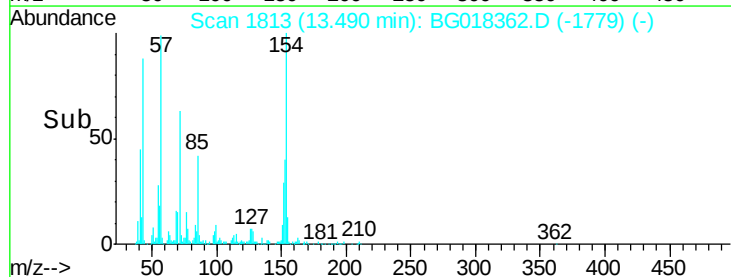
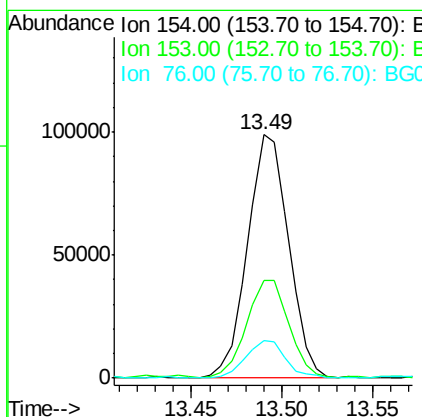
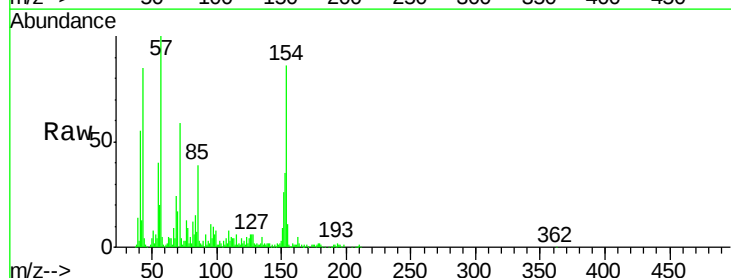
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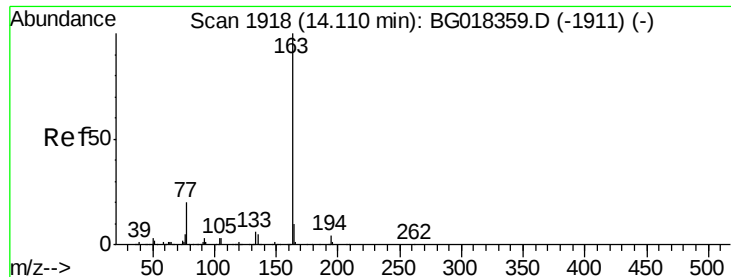
Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.9	77.1	115.7
116	4.3	3.5	5.3



#41
 1,1'-Biphenyl
 Concen: 4.48 ng/ul
 RT: 13.49 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: BG018362.D
 Acq: 10 Aug 2015 20:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	35.2	52.8
76	15.2	10.6	16.0





#45

Dimethylphthalate

Concen: 7.13 ng/ul

RT: 14.11 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG018362.D

Acq: 10 Aug 2015 20:18

Instrument :

BNA_G

ClientSampleId :

C01P8

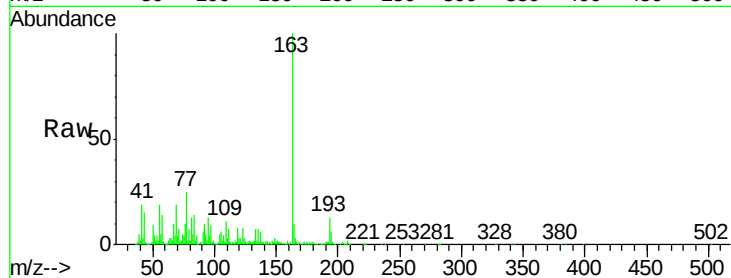
Tgt Ion:163 Resp: 246789

Ion Ratio Lower Upper

163 100

194 5.5 2.9 4.3#

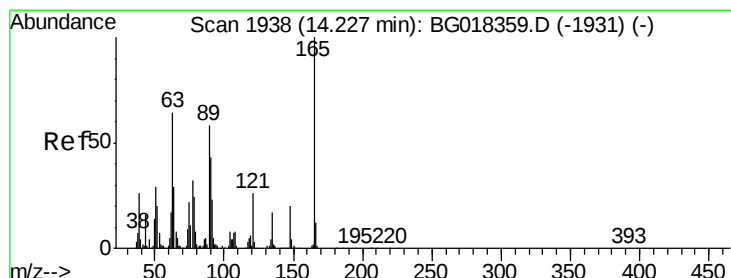
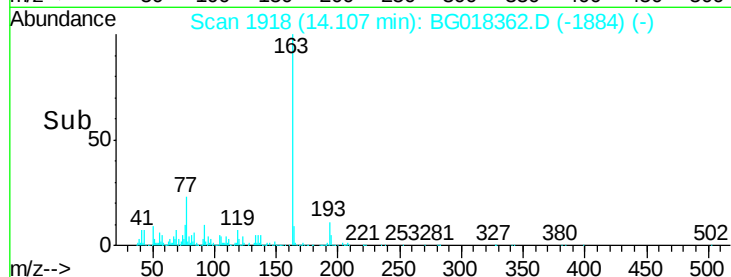
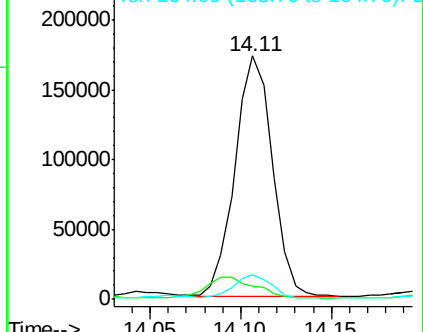
164 10.0 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#46

2,6-Dinitrotoluene

Concen: 6.36 ng/ul

RT: 14.19 min Scan# 1933

Delta R.T. -0.03 min

Lab File: BG018362.D

Acq: 10 Aug 2015 20:18

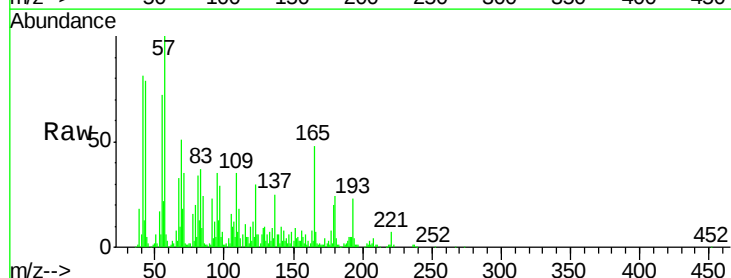
Tgt Ion:165 Resp: 43835

Ion Ratio Lower Upper

165 100

89 4.6 50.2 75.2#

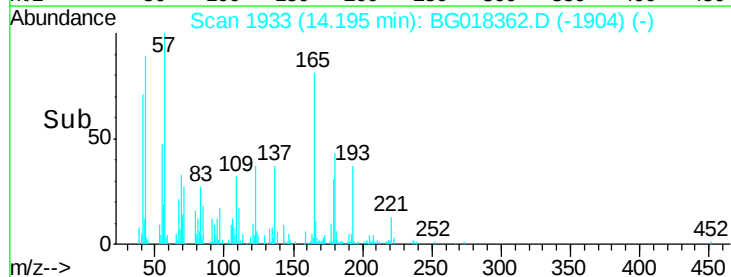
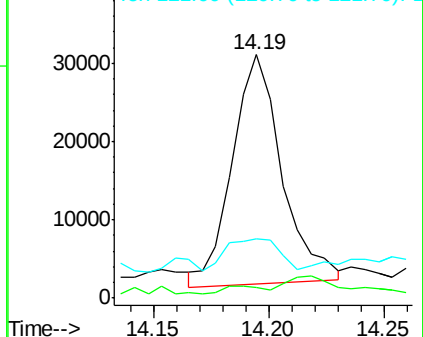
121 24.3 19.4 29.2

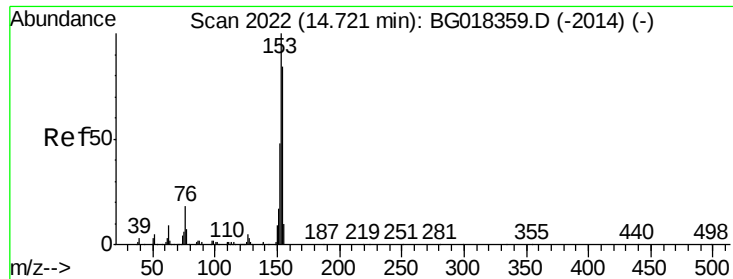


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthene

Concen: 11.29 ng/ul

RT: 14.72 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BG018362.D

Acq: 10 Aug 2015 20:18

Instrument :

BNA_G

ClientSampleId :

C01P8

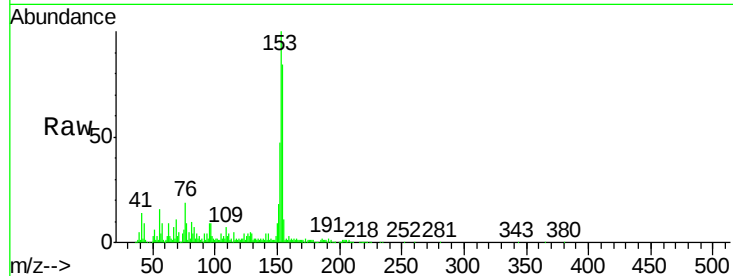
Tgt Ion:153 Resp: 351210

Ion Ratio Lower Upper

153 100

152 47.2 38.2 57.4

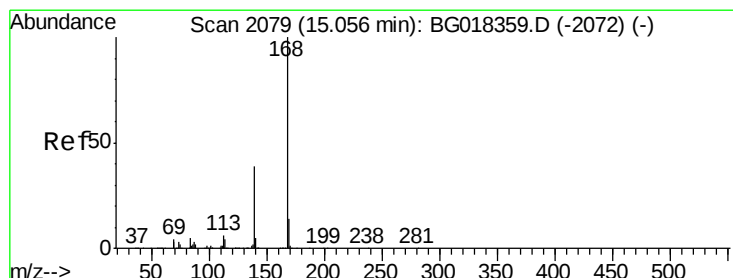
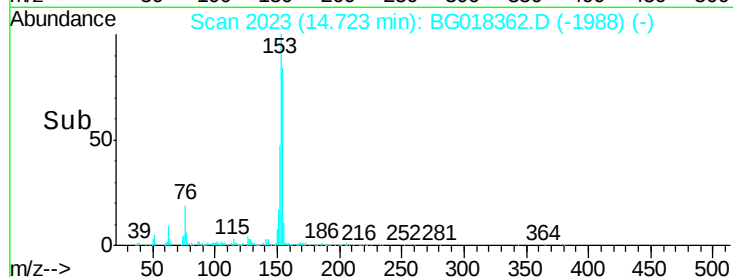
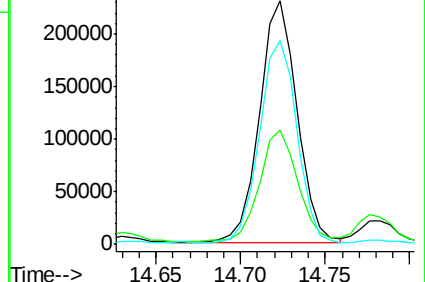
154 83.9 68.6 103.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 7.54 ng/ul

RT: 15.05 min Scan# 2079

Delta R.T. -0.00 min

Lab File: BG018362.D

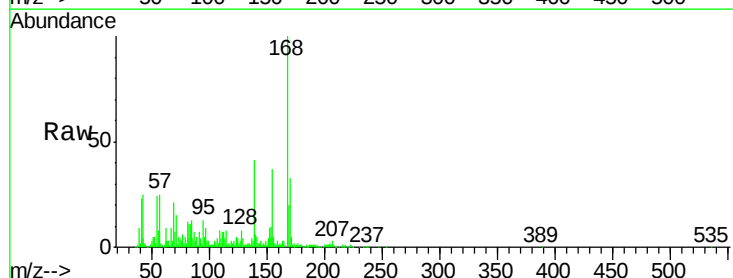
Acq: 10 Aug 2015 20:18

Tgt Ion:168 Resp: 306493

Ion Ratio Lower Upper

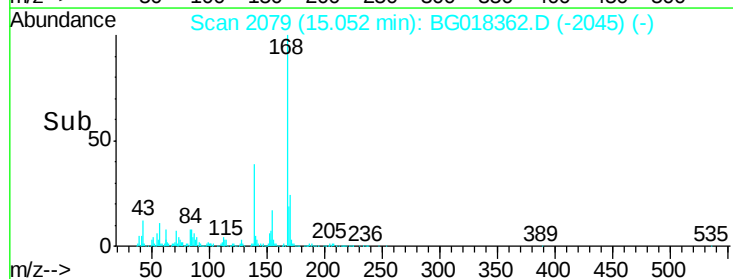
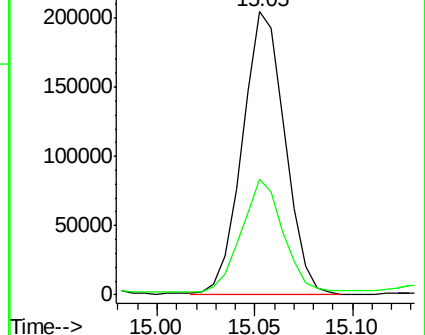
168 100

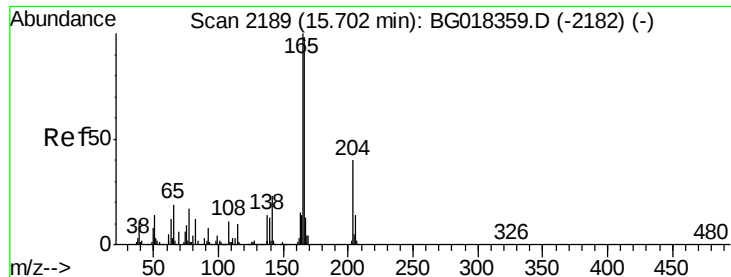
139 41.0 29.7 44.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 10.99 ng/ul

RT: 15.70 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BG018362.D

Acq: 10 Aug 2015 20:18

Instrument :

BNA_G

ClientSampleId :

C01P8

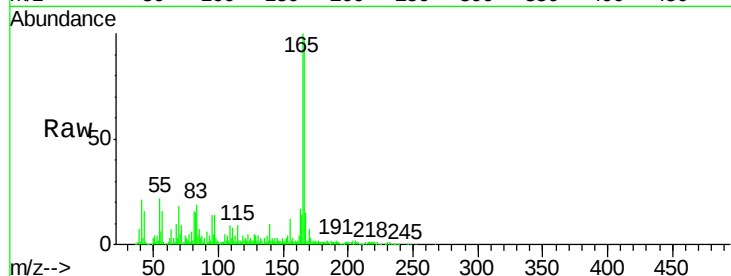
Tgt Ion:166 Resp: 384317

Ion Ratio Lower Upper

166 100

165 103.0 82.6 124.0

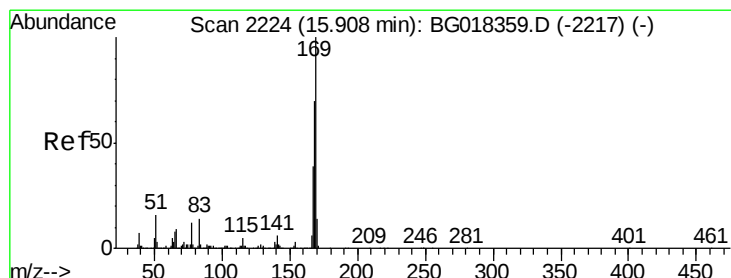
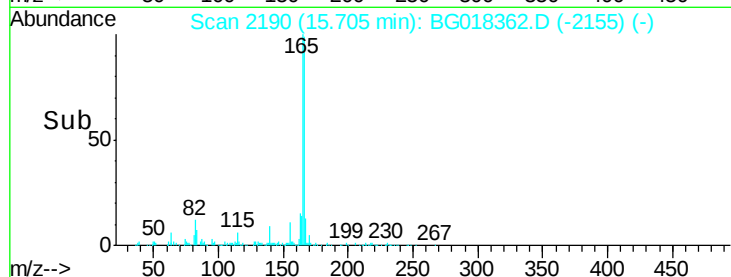
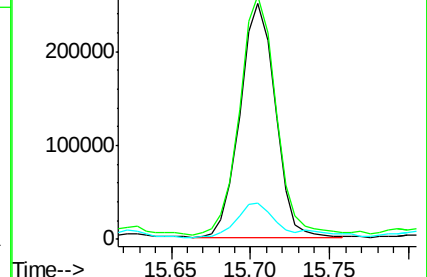
167 15.1 11.4 17.0



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



#65

N-Nitrosodiphenylamine

Concen: 3.07 ng/ul

RT: 15.92 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BG018362.D

Acq: 10 Aug 2015 20:18

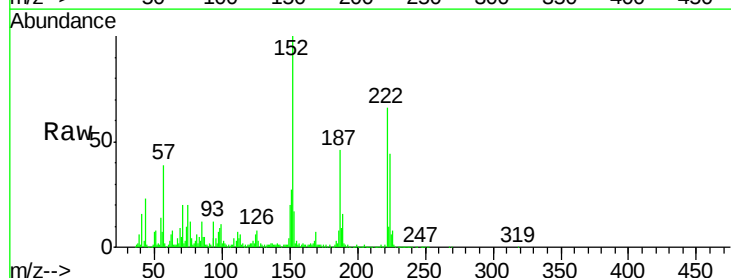
Tgt Ion:169 Resp: 80332

Ion Ratio Lower Upper

169 100

168 43.0 60.2 90.2#

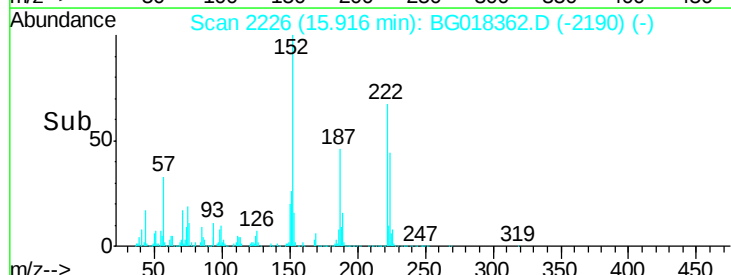
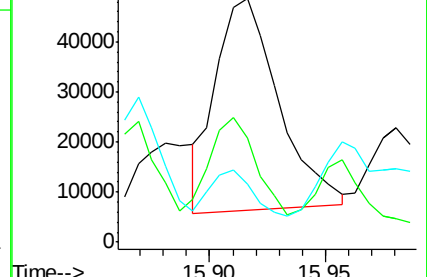
167 24.0 33.4 50.2#

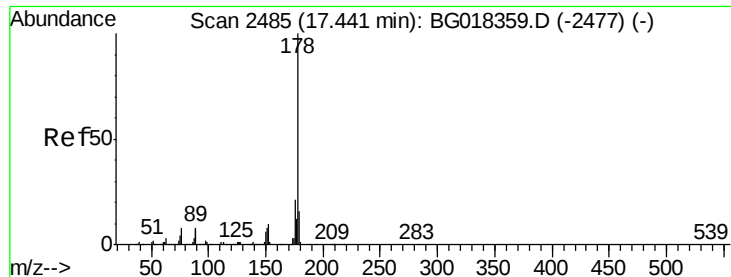


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 43.89 ng/ul

RT: 17.46 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BG018362.D

Acq: 10 Aug 2015 20:18

Instrument :

BNA_G

ClientSampleId :

C01P8

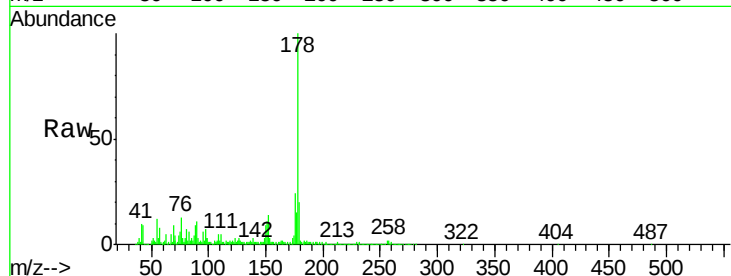
Tgt Ion:178 Resp: 2072300

Ion Ratio Lower Upper

178 100

179 20.4 13.7 20.5

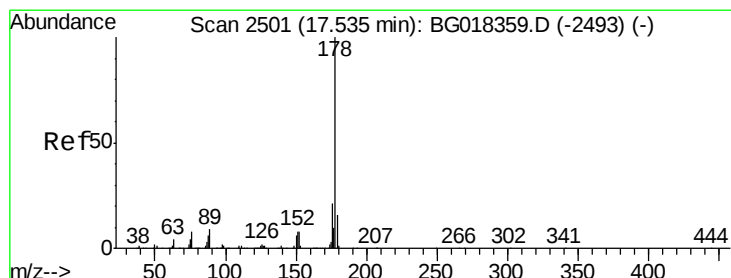
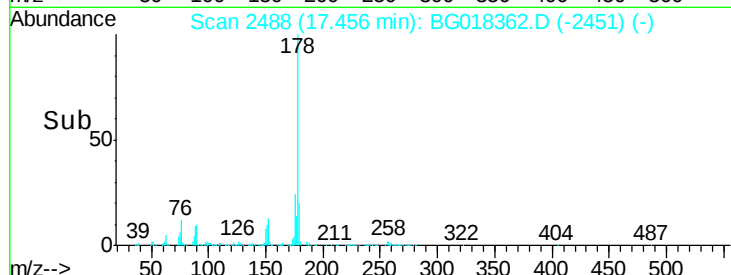
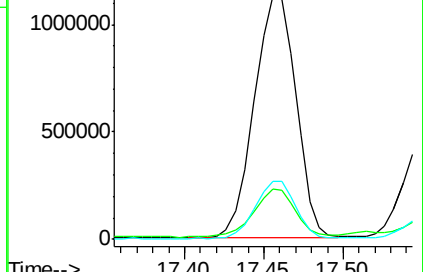
176 23.7 16.6 24.8



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



#72

Anthracene

Concen: 12.44 ng/ul

RT: 17.55 min Scan# 2504

Delta R.T. 0.01 min

Lab File: BG018362.D

Acq: 10 Aug 2015 20:18

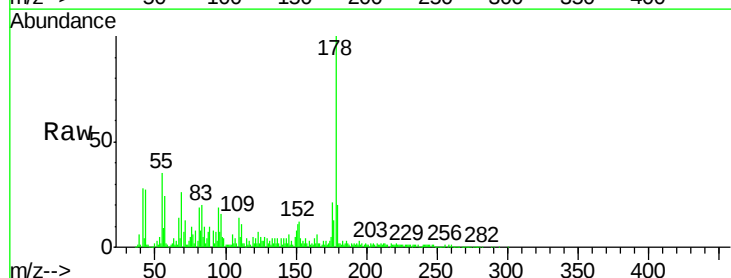
Tgt Ion:178 Resp: 598565

Ion Ratio Lower Upper

178 100

179 20.0 13.0 19.4#

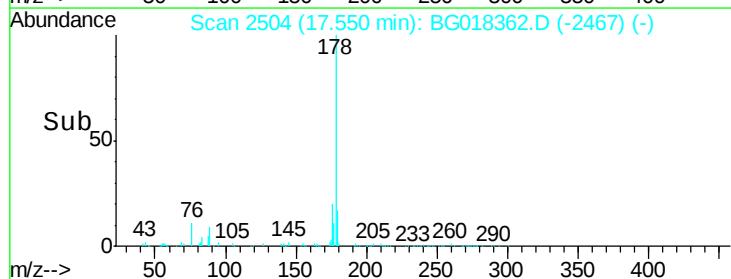
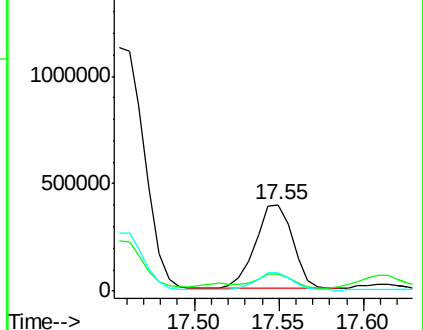
176 20.8 16.0 24.0

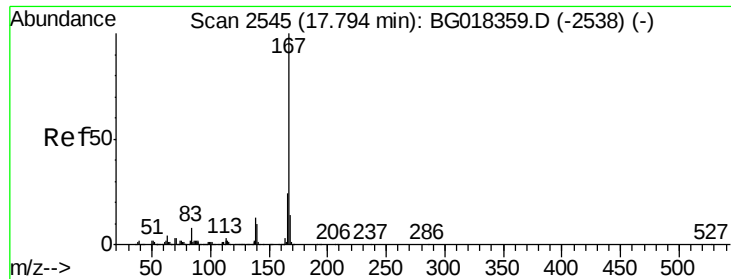


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

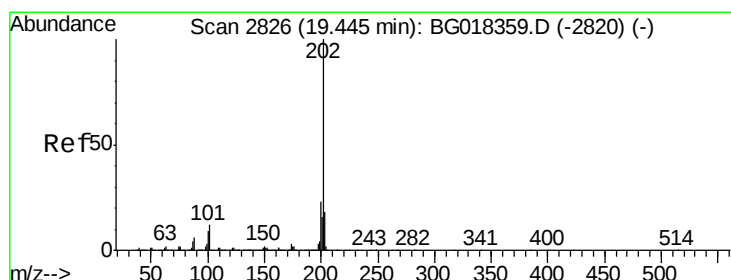
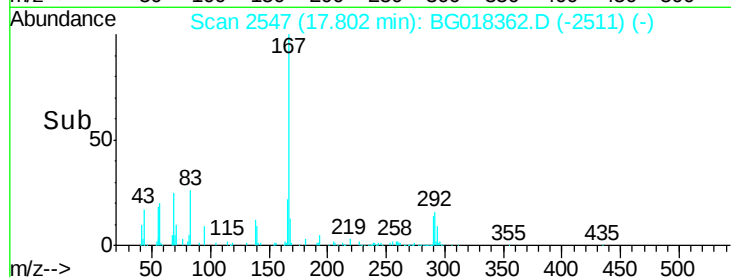
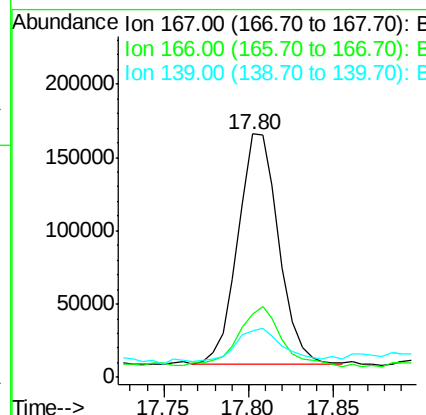
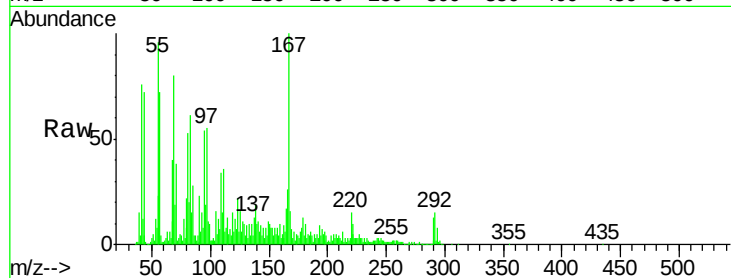




#75
 Carbazole
 Concen: 6.27 ng/ul
 RT: 17.80 min Scan# 2547
 Delta R.T. 0.01 min
 Lab File: BG018362.D
 Acq: 10 Aug 2015 20:18

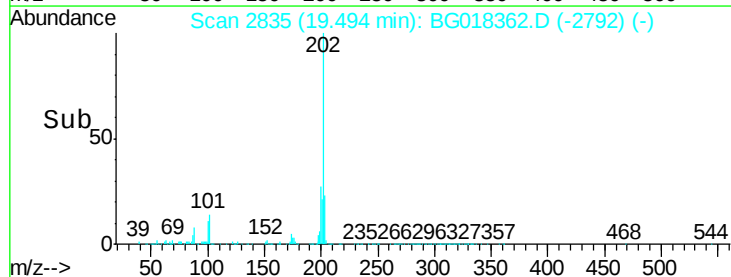
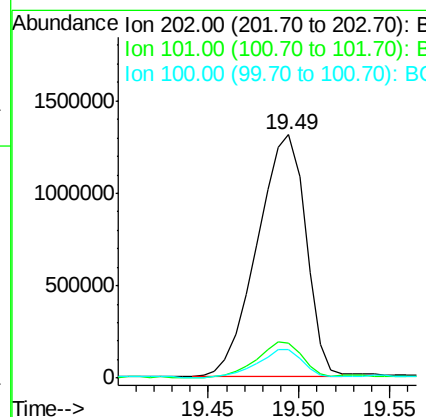
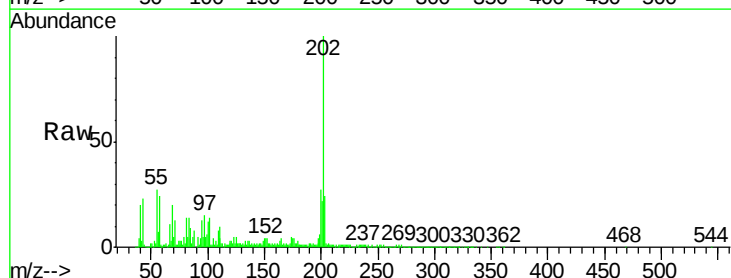
Instrument :
 BNA_G
 ClientSampleId :
 C01P8

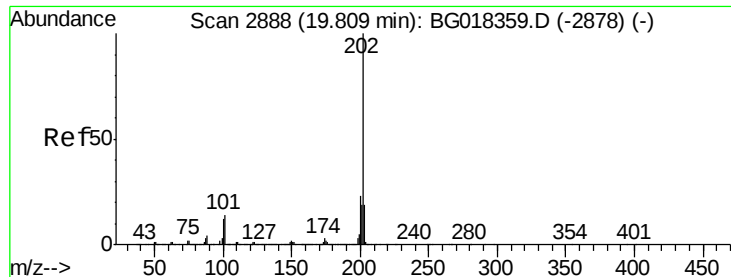
Tgt Ion:167 Resp: 264406
 Ion Ratio Lower Upper
 167 100
 166 25.8 18.9 28.3
 139 19.3 10.1 15.1#



#77
 Fluoranthene
 Concen: 48.36 ng/ul
 RT: 19.49 min Scan# 2835
 Delta R.T. 0.05 min
 Lab File: BG018362.D
 Acq: 10 Aug 2015 20:18

Tgt Ion:202 Resp: 2438709
 Ion Ratio Lower Upper
 202 100
 101 14.4 9.7 14.5
 100 11.8 7.8 11.8#

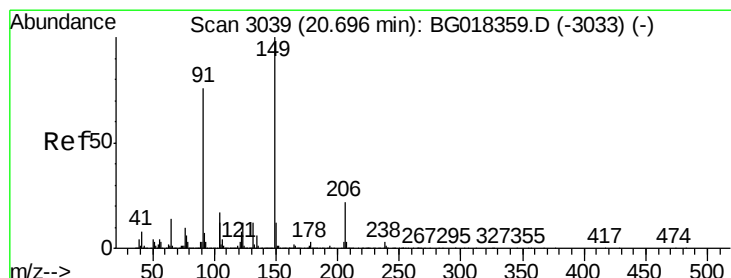
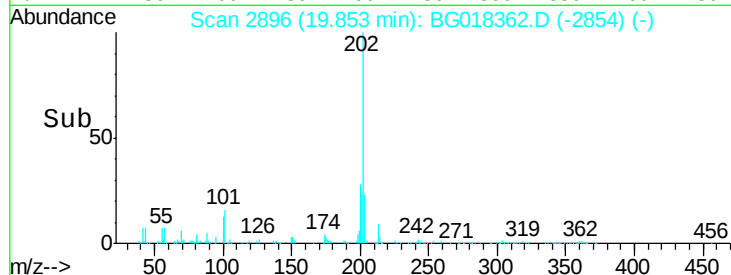
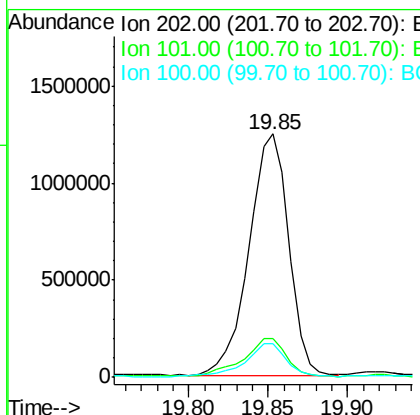
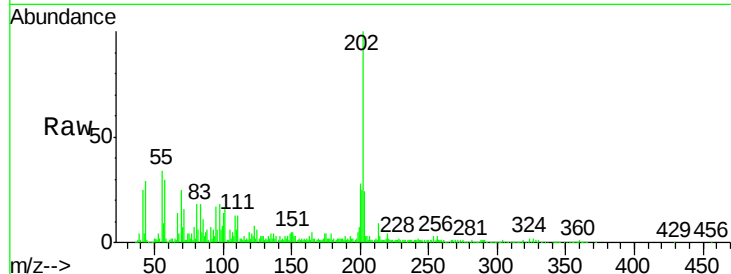




#80
 Pyrene
 Concen: 43.93 ng/ul
 RT: 19.85 min Scan# 2896
 Delta R.T. 0.04 min
 Lab File: BG018362.D
 Acq: 10 Aug 2015 20:18

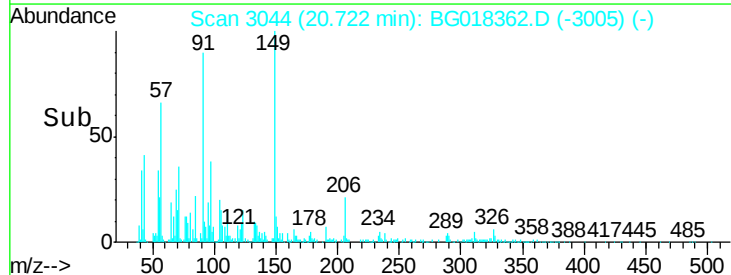
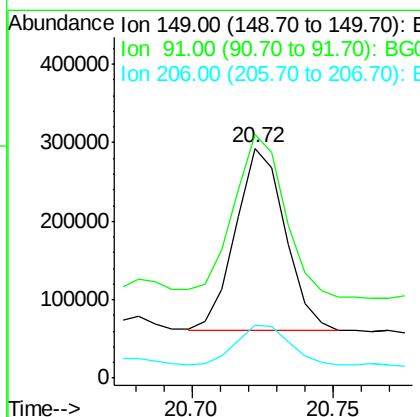
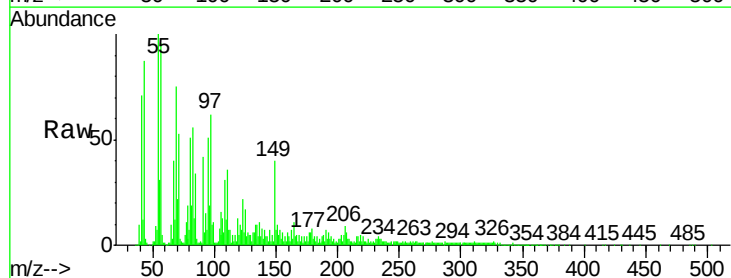
Instrument :
 BNA_G
 ClientSampleId :
 C01P8

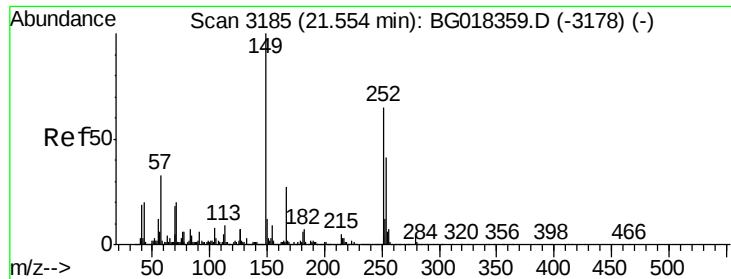
Tgt Ion: 202 Resp: 2155815
 Ion Ratio Lower Upper
 202 100
 101 16.2 11.0 16.4
 100 13.9 9.8 14.6



#81
 Butylbenzylphthalate
 Concen: 13.66 ng/ul
 RT: 20.72 min Scan# 3044
 Delta R.T. 0.03 min
 Lab File: BG018362.D
 Acq: 10 Aug 2015 20:18

Tgt Ion: 149 Resp: 283655
 Ion Ratio Lower Upper
 149 100
 91 105.8 57.9 86.9#
 206 22.8 17.9 26.9





#82

3,3'-Dichlorobenzidine

Concen: 1.37 ng/ul

RT: 21.56 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BG018362.D

Acq: 10 Aug 2015 20:18

Instrument :

BNA_G

ClientSampleId :

C01P8

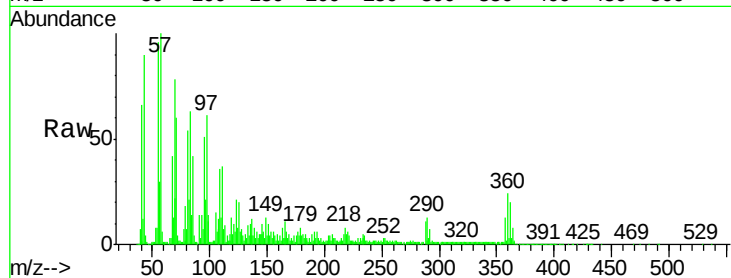
Tgt Ion:252 Resp: 20583

Ion Ratio Lower Upper

252 100

254 91.8 50.9 76.3#

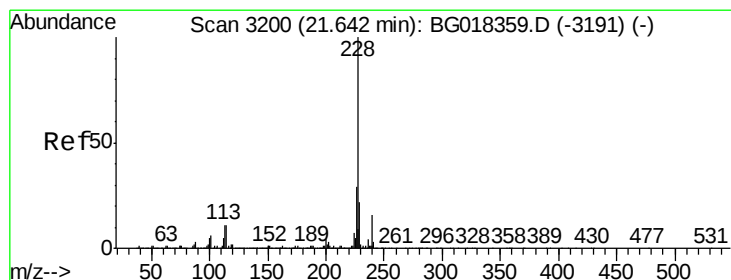
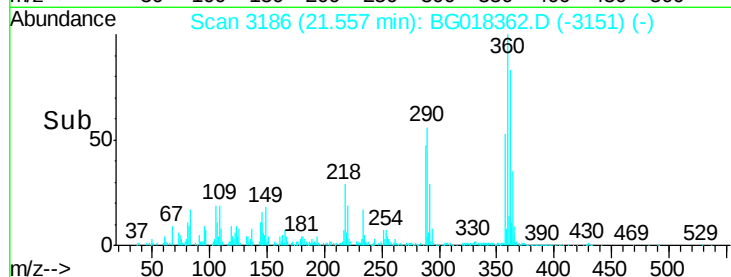
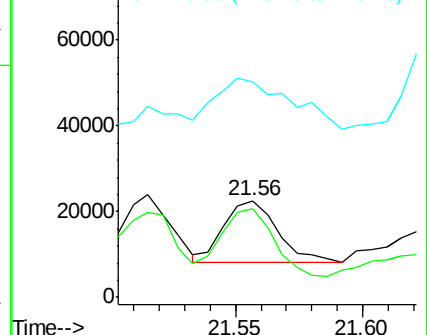
126 223.4 9.6 14.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 23.88 ng/ul

RT: 21.69 min Scan# 3208

Delta R.T. 0.04 min

Lab File: BG018362.D

Acq: 10 Aug 2015 20:18

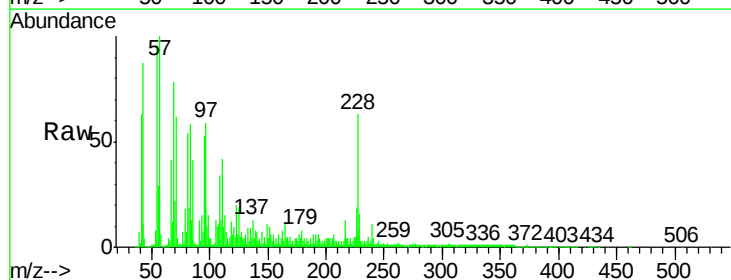
Tgt Ion:228 Resp: 1074435

Ion Ratio Lower Upper

228 100

229 25.3 15.5 23.3#

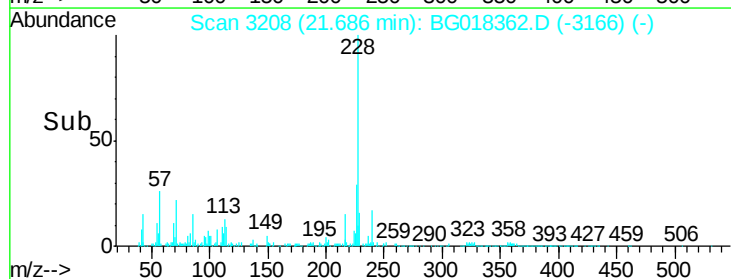
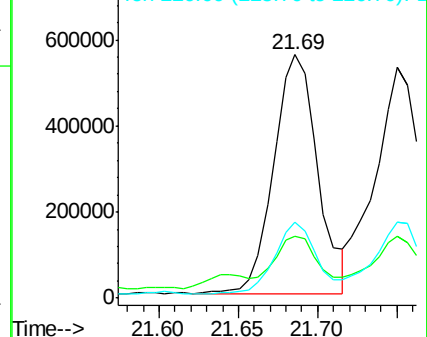
226 30.9 22.1 33.1

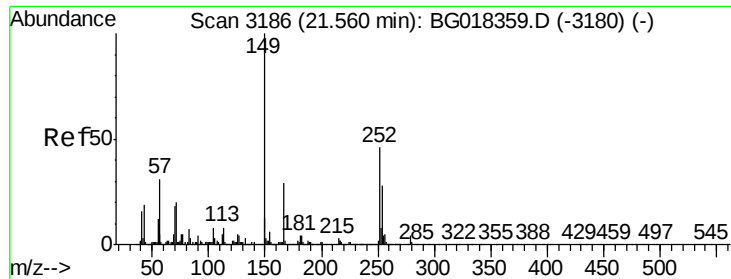


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 163.00 ng/ul

RT: 21.61 min Scan# 3195

Delta R.T. 0.05 min

Lab File: BG018362.D

Acq: 10 Aug 2015 20:18

Instrument :

BNA_G

ClientSampleId :

C01P8

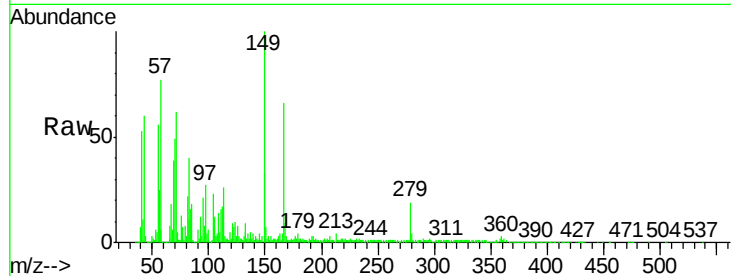
Tgt Ion:149 Resp: 4780644

Ion Ratio Lower Upper

149 100

167 66.0 22.2 33.2#

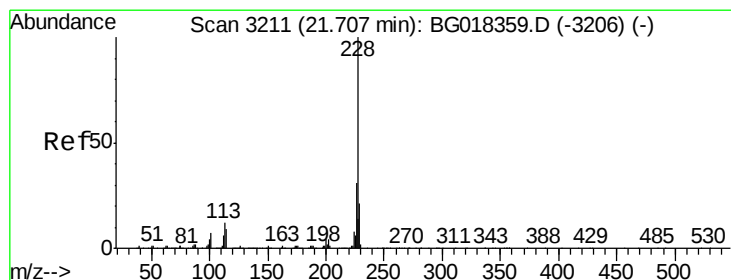
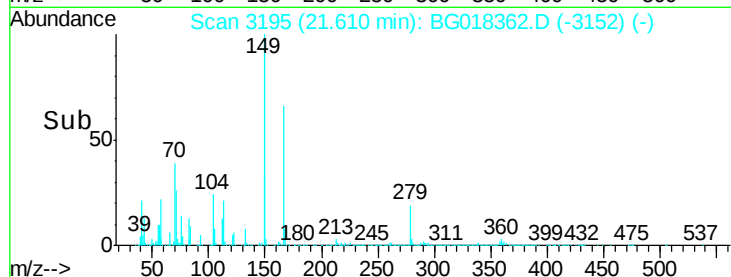
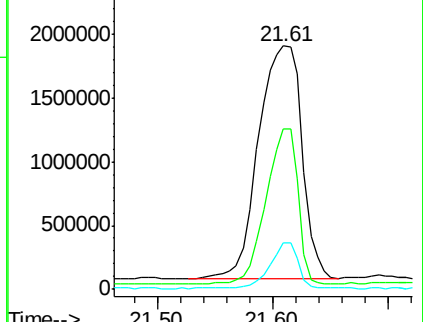
279 19.0 2.8 4.2#



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: 25.36 ng/ul

RT: 21.69 min Scan# 3208

Delta R.T. -0.02 min

Lab File: BG018362.D

Acq: 10 Aug 2015 20:18

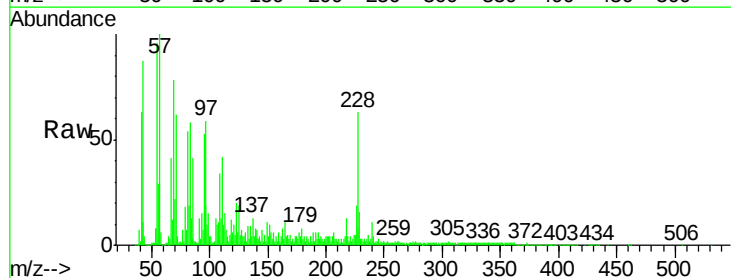
Tgt Ion:228 Resp: 1066838

Ion Ratio Lower Upper

228 100

226 30.9 26.5 39.7

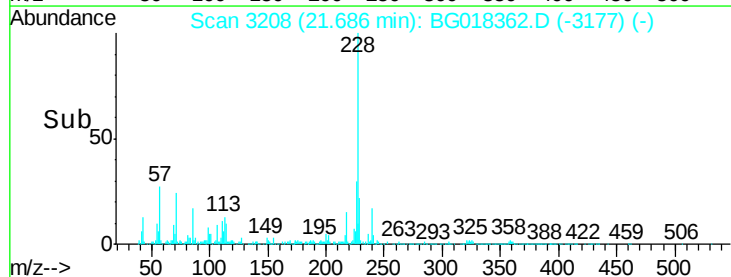
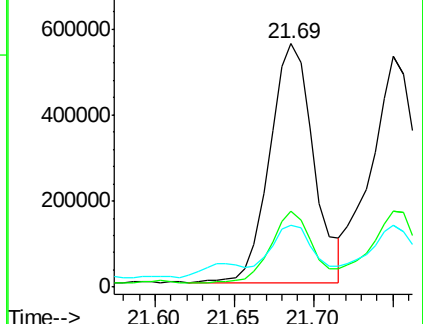
229 25.3 16.9 25.3

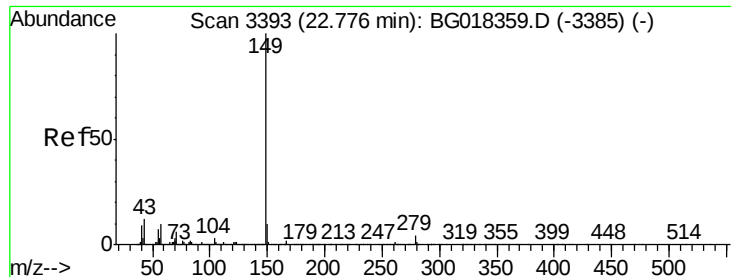


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 19175.76 ng/u1

RT: 22.84 min Scan# 3404

Delta R.T. 0.06 min

Lab File: BG018362.D

Acq: 10 Aug 2015 20:18

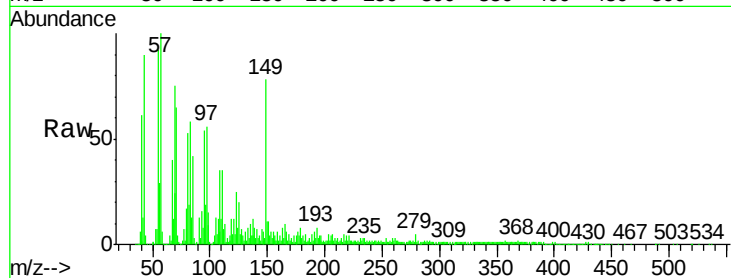
Instrument :

BNA_G

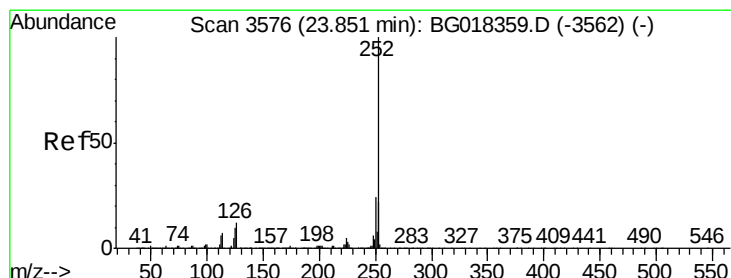
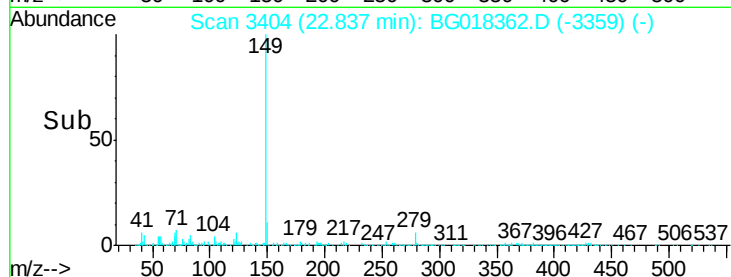
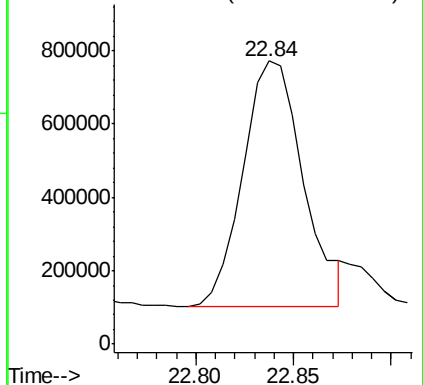
ClientSampleId :

C01P8

Tgt Ion:149 Resp: 1434005



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 18855.77 ng/u1

RT: 23.97 min Scan# 3597

Delta R.T. 0.12 min

Lab File: BG018362.D

Acq: 10 Aug 2015 20:18

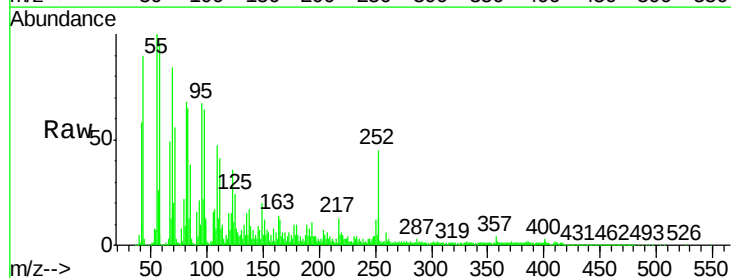
Tgt Ion:252 Resp: 1373150

Ion Ratio Lower Upper

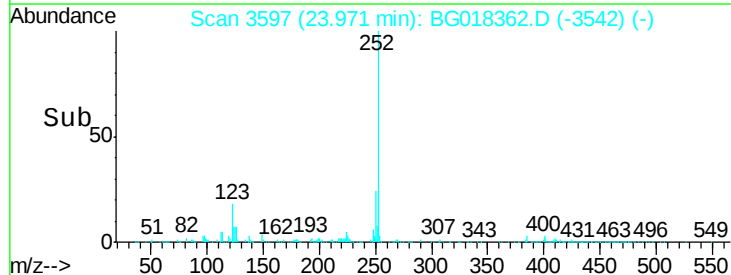
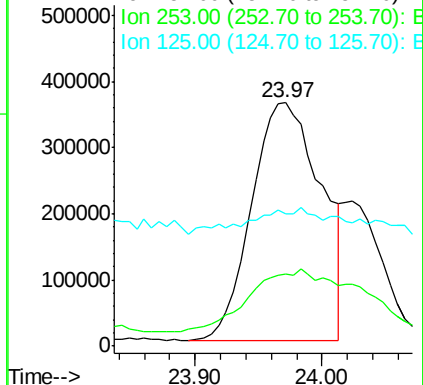
252 100

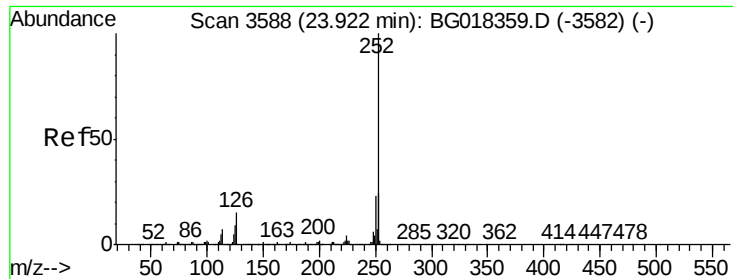
253 29.6 18.1 27.1#

125 54.1 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 19584.60 ng/u1

RT: 23.97 min Scan# 3597

Delta R.T. 0.05 min

Lab File: BG018362.D

Acq: 10 Aug 2015 20:18

Instrument :

BNA_G

ClientSampleId :

C01P8

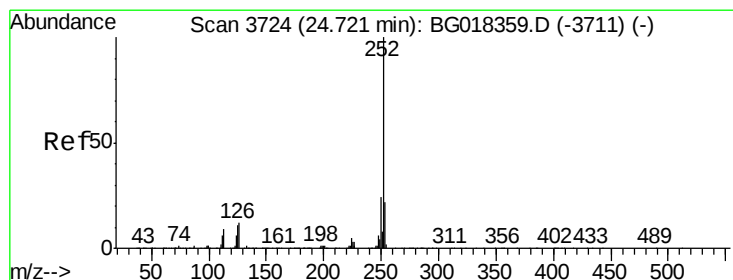
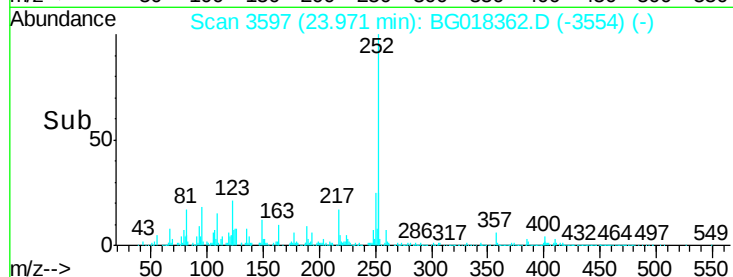
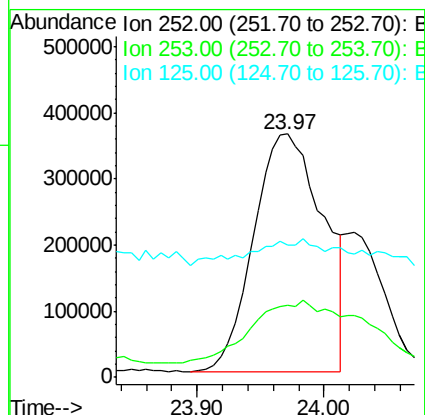
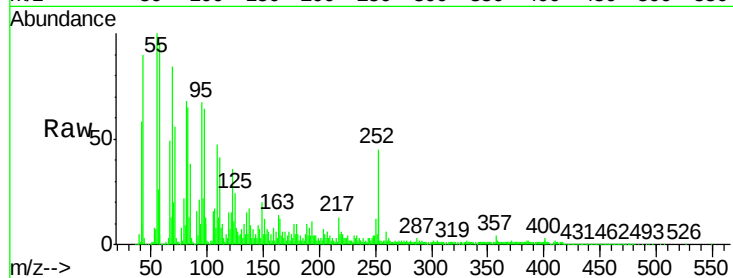
Tgt Ion:252 Resp: 1373150

Ion Ratio Lower Upper

252 100

253 29.6 17.8 26.6#

125 54.1 9.0 13.4#



#91

Benzo(a)pyrene

Concen: 10046.64 ng/u1

RT: 24.71 min Scan# 3723

Delta R.T. -0.01 min

Lab File: BG018362.D

Acq: 10 Aug 2015 20:18

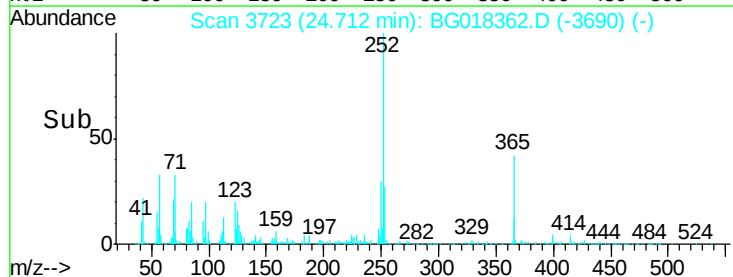
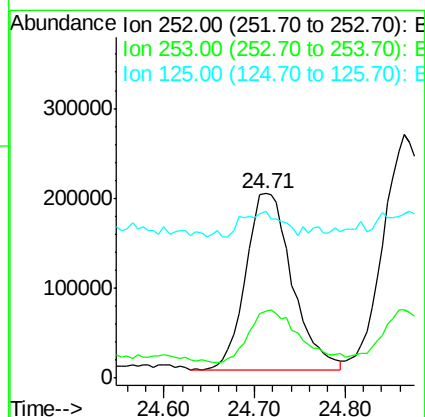
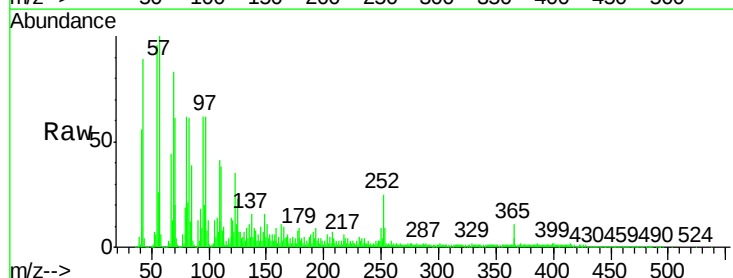
Tgt Ion:252 Resp: 695583

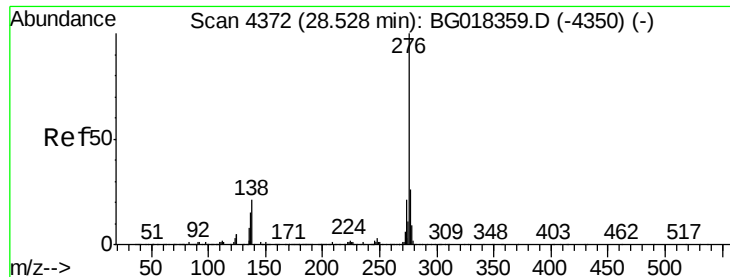
Ion Ratio Lower Upper

252 100

253 36.0 17.7 26.5#

125 90.3 10.2 15.2#





#92

Indeno(1,2,3-cd)pyrene

Concen: 21.26 ng/ul

RT: 28.58 min Scan# 4381

Delta R.T. 0.05 min

Lab File: BG018362.D

Acq: 10 Aug 2015 20:18

Instrument :

BNA_G

ClientSampleId :

C01P8

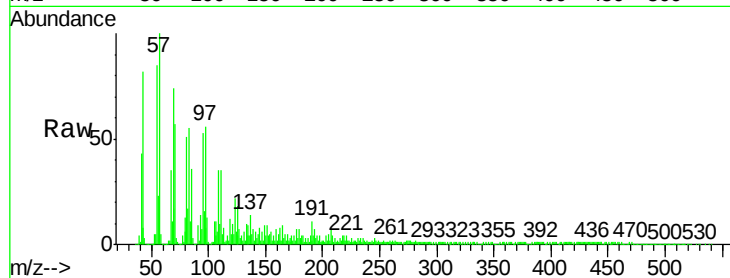
Tgt Ion:276 Resp: 1703

Ion Ratio Lower Upper

276 100

138 285.6 15.8 23.6#

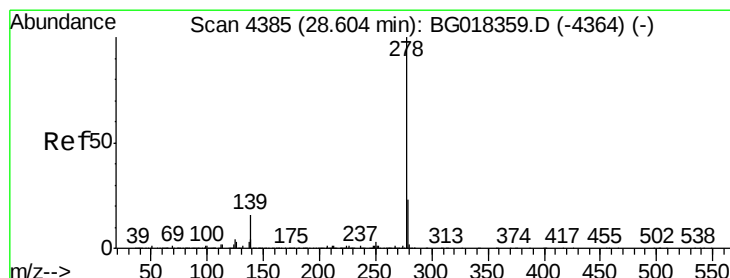
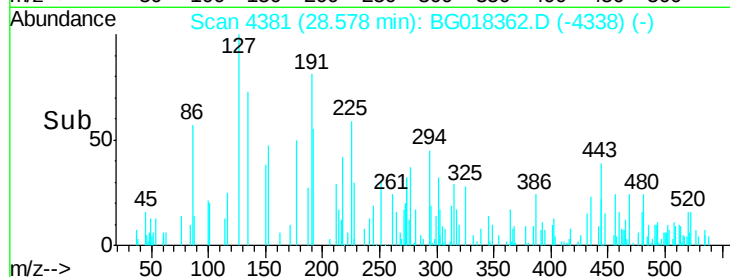
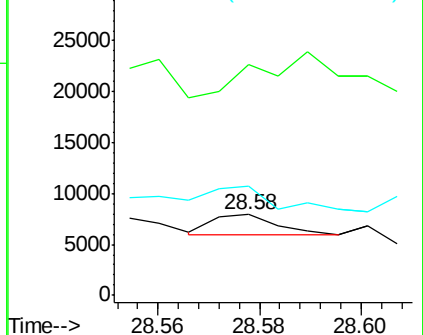
277 135.9 18.9 28.3#



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: 121.13 ng/ul

RT: 28.67 min Scan# 4396

Delta R.T. 0.06 min

Lab File: BG018362.D

Acq: 10 Aug 2015 20:18

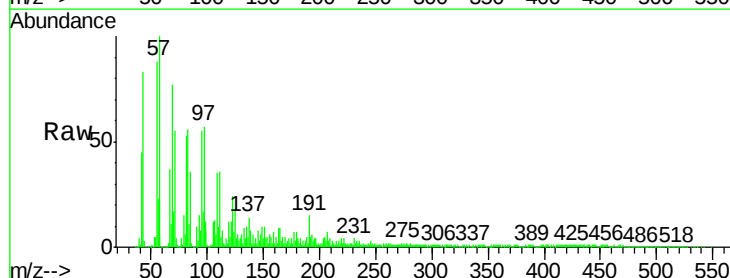
Tgt Ion:278 Resp: 8061

Ion Ratio Lower Upper

278 100

139 388.7 13.8 20.6#

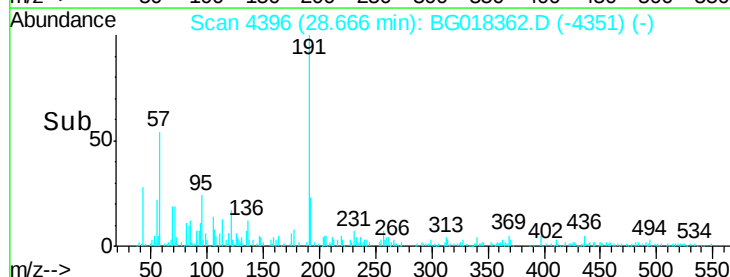
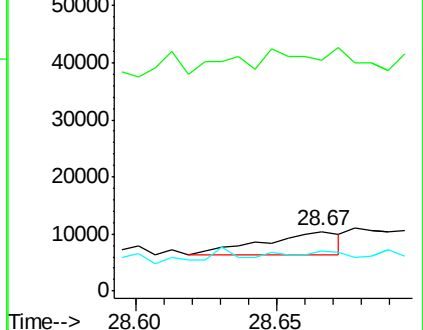
279 68.4 17.8 26.8#

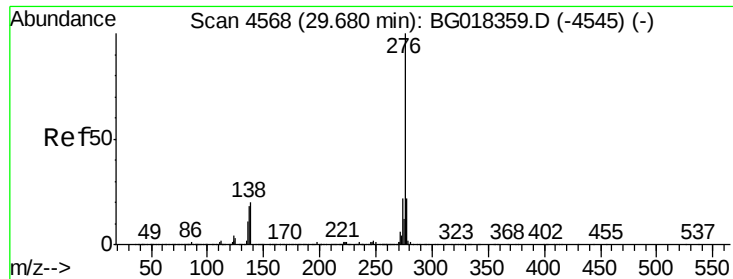


Abundance Ion 278.00 (277.70 to 278.70): E

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: 16.02 ng/ul

RT: 29.75 min Scan# 4580

Delta R.T. 0.07 min

Lab File: BG018362.D

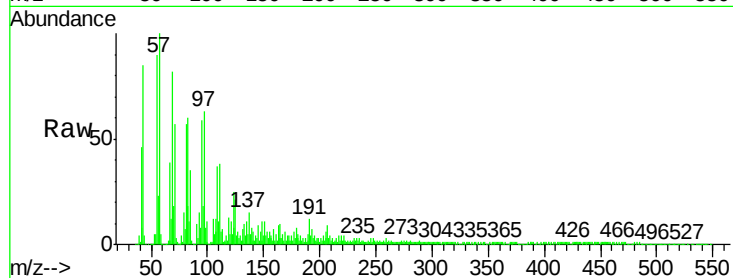
Acq: 10 Aug 2015 20:18

Instrument :

BNA_G

ClientSampleId :

C01P8



Tgt Ion:276 Resp: 1078

Ion Ratio Lower Upper

276 100

138 392.9 16.5 24.7#

277 134.4 19.0 28.6#

