

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
 Data File : BG019230.D
 Acq On : 16 Oct 2015 19:27
 Operator : UM/NP
 Sample : G3996-23MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LL0MSD

Quant Time: Oct 17 06:34:18 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 17 06:30:39 2015
 Response via : Initial Calibration

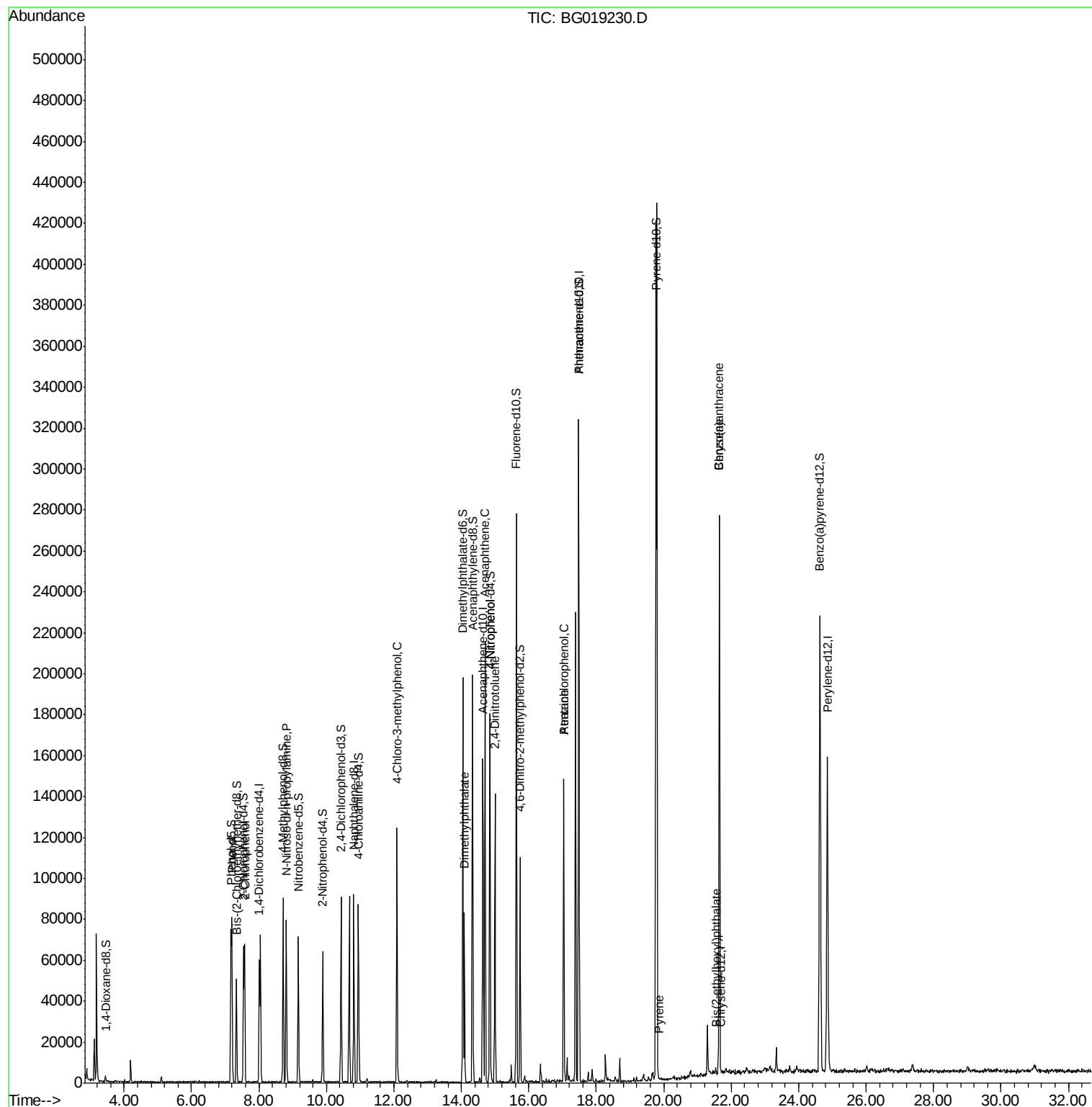
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	15421	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	72334	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	52790	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	182094	20.00	ng/ul	0.10
78) Chrysene-d12	21.70	240	476	20.00	ng/ul	0.05
86) Perylene-d12	24.85	264	166879	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	1267	4.58	ng/uL	0.00
5) Phenol-d5	7.17	99	36532	27.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	23534	27.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	26943	27.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	30656	26.88	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	15240	27.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	17453	29.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	32016	27.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	42762	28.34	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	126800	27.46	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	136449	27.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	24709	29.77	ng/ul	0.00
58) Fluorene-d10	15.63	176	106025	26.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	22539	20.06	ng/ul	0.00
71) Anthracene-d10	17.48	188	182094	21.17	ng/ul	0.00
79) Pyrene-d10	19.77	212	225995	10467.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	247322	29.34	ng/ul	0.00
Target Compounds						
6) Phenol	7.20	94	35645	25.43	ng/ul#	79
10) 2-Chlorophenol	7.57	128	26787	26.59	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.81	70	25804	26.24	ng/ul	96
33) 4-Chloro-3-methylphenol	12.09	107	42016	28.20	ng/ul	90
45) Dimethylphthalate	14.09	163	49466	10.63	ng/ul	99
50) Acenaphthene	14.70	153	91695	24.88	ng/ul	98
53) 4-Nitrophenol	14.85	109	26533	29.24	ng/ul#	72
55) 2,4-Dinitrotoluene	14.99	165	36995	25.71	ng/ul	97
68) Atrazine	17.03	200	5781	2.40	ng/ul#	38
69) Pentachlorophenol	17.03	266	25768	21.02	ng/ul	93
80) Pyrene	19.86	202	485	17.17	ng/ul#	70
83) Benzo(a)anthracene	21.65	228	257	9.56	ng/ul#	50
84) Bis(2-ethylhexyl)phthalate	21.57	149	114	8.03	ng/ul#	51
85) Chrysene	21.65	228	257	10.11	ng/ul#	49

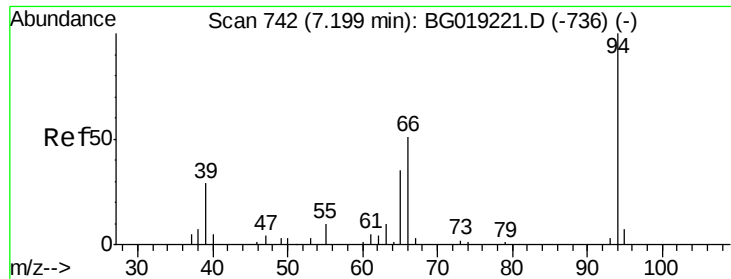
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 17 06:34:18 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 17 06:30:39 2015
Response via : Initial Calibration





#6

Phenol

Concen: 25.43 ng/ul

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG019230.D

Acq: 16 Oct 2015 19:27

Instrument :

BNA_G

ClientSampleId :

E5LL0MSD

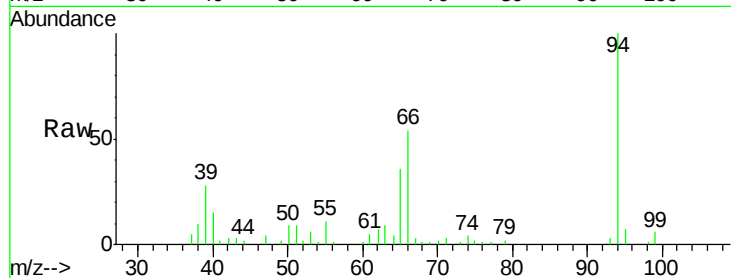
Tot Ion: 94 Resp: 35645

Ion Ratio Lower Upper

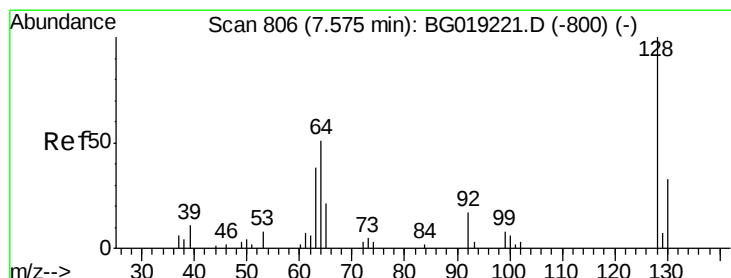
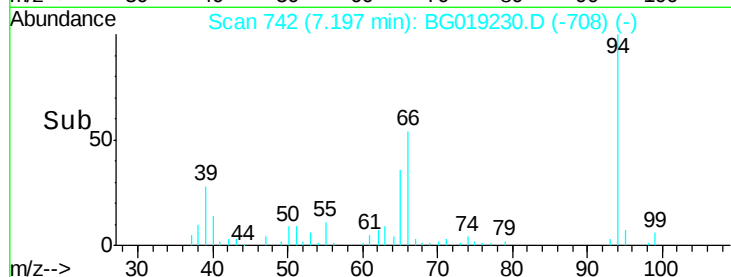
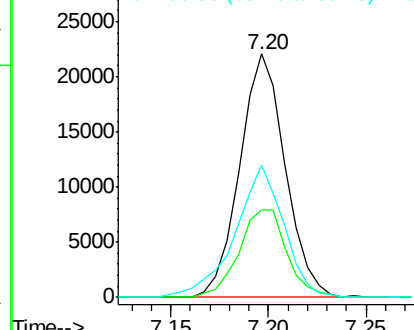
94 100

65 36.1 24.9 37.3

66 54.4 29.1 43.7#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#10

2-Chlorophenol

Concen: 26.59 ng/ul

RT: 7.57 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG019230.D

Acq: 16 Oct 2015 19:27

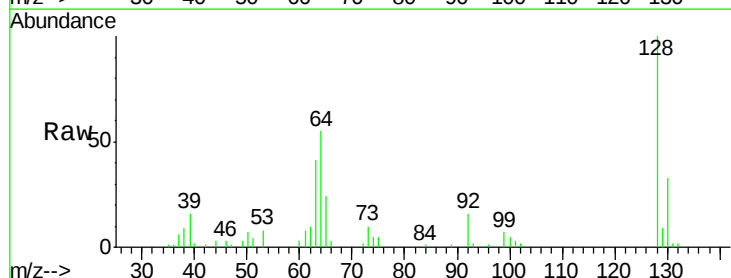
Tgt Ion: 128 Resp: 26787

Ion Ratio Lower Upper

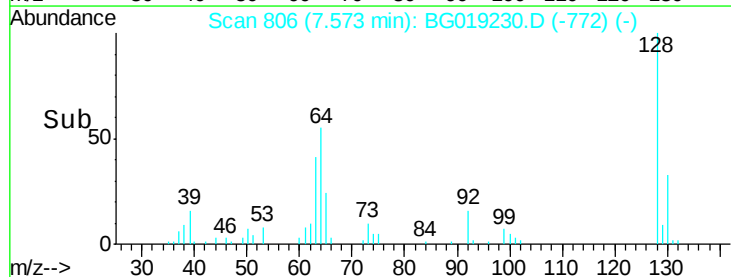
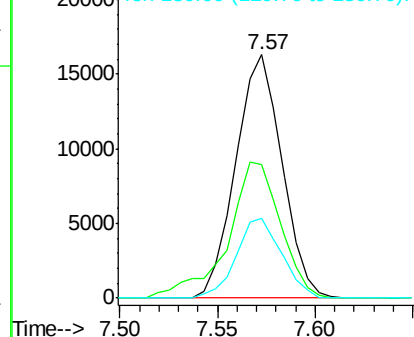
128 100

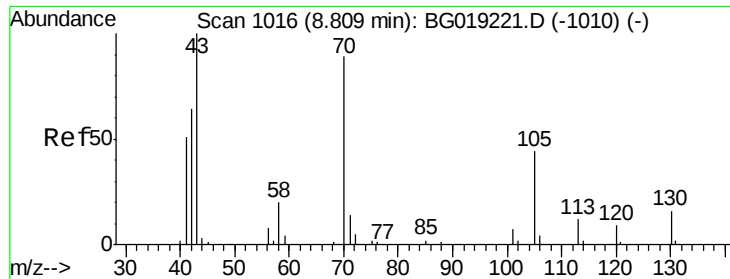
64 54.8 43.3 64.9

130 32.9 26.5 39.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): E





#15

N-Nitroso-di-n-propylamine

Concen: 26.24 ng/ul

RT: 8.81 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG019230.D

Acq: 16 Oct 2015 19:27

Instrument :

BNA_G

ClientSampleID :

E5LL0MSD

Tot Ion: 70 Resp: 25804

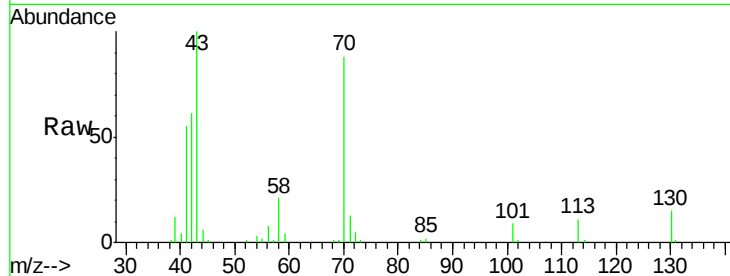
Ion Ratio Lower Upper

70 100

42 69.4 53.6 80.4

101 10.0 7.9 11.9

130 16.9 16.5 24.7



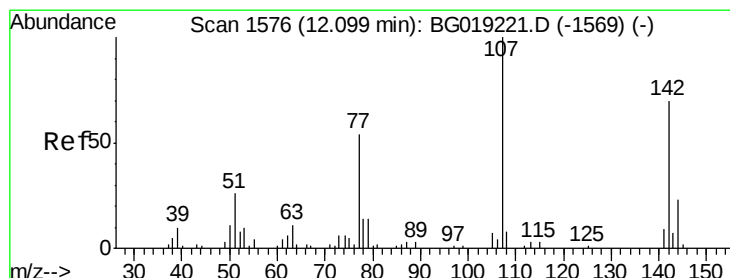
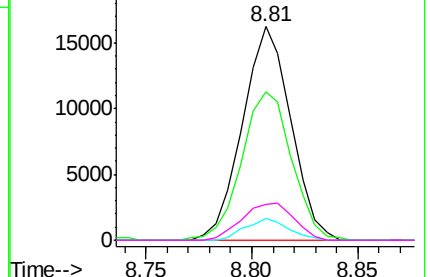
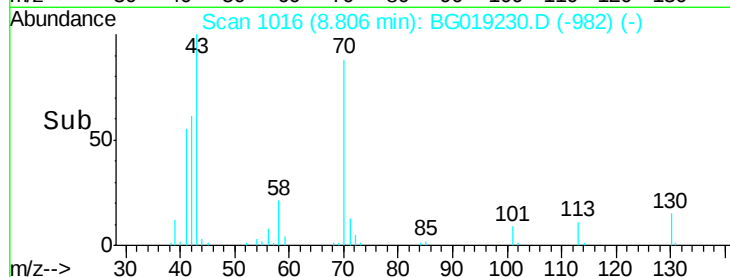
Abundance Ion 70.00 (69.70 to 70.70): BG019221.D (-1010) (-)

Ion 42.00 (41.70 to 42.70): BG019221.D (-1010) (-)

Ion 101.00 (100.70 to 101.70): BG019221.D (-1010) (-)

Ion 130.00 (129.70 to 130.70): BG019221.D (-1010) (-)

Time-->



#33

4-Chloro-3-methylphenol

Concen: 28.20 ng/ul

RT: 12.09 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BG019230.D

Acq: 16 Oct 2015 19:27

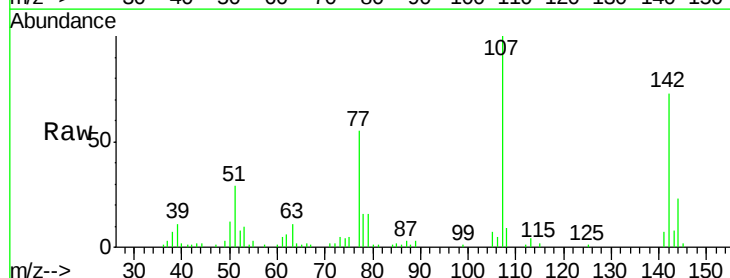
Tgt Ion: 107 Resp: 42016

Ion Ratio Lower Upper

107 100

144 22.5 20.9 31.3

142 72.5 65.6 98.4

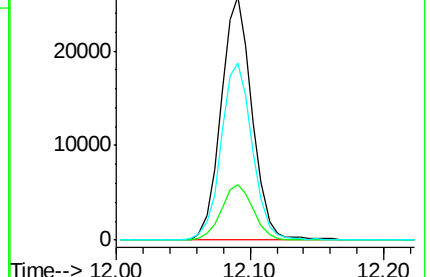
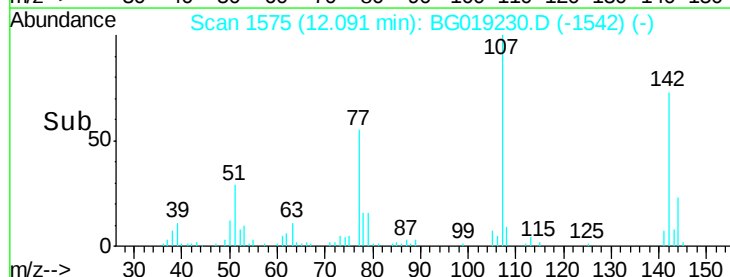


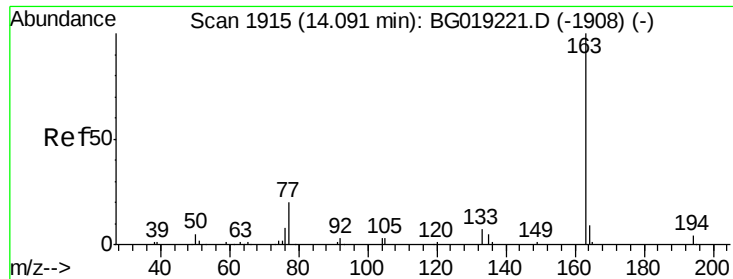
Abundance Ion 107.00 (106.70 to 107.70): BG019221.D (-1569) (-)

Ion 144.00 (143.70 to 144.70): BG019221.D (-1569) (-)

Ion 142.00 (141.70 to 142.70): BG019221.D (-1569) (-)

Time-->

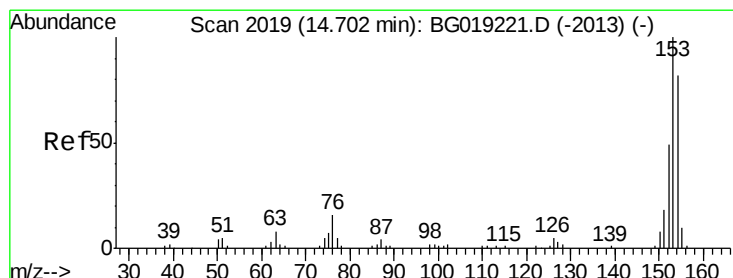
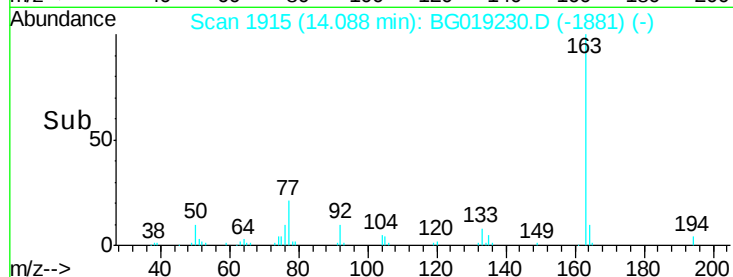
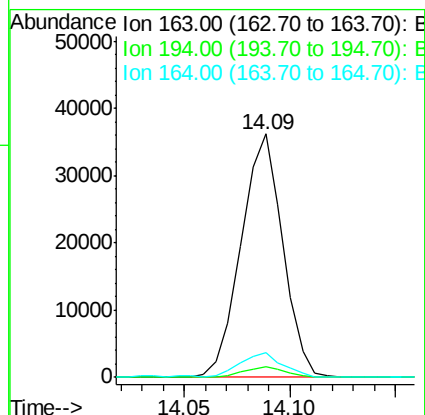
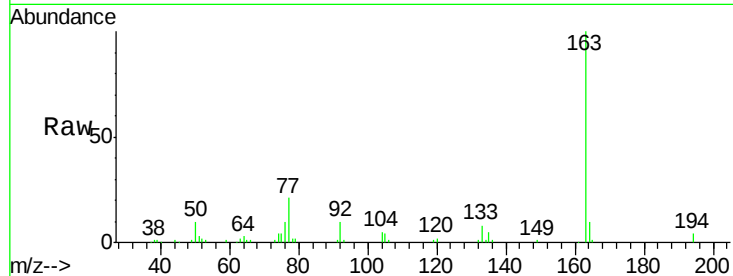




#45
Dimethylphthalate
Concen: 10.63 ng/ul
RT: 14.09 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BG019230.D
Acq: 16 Oct 2015 19:27

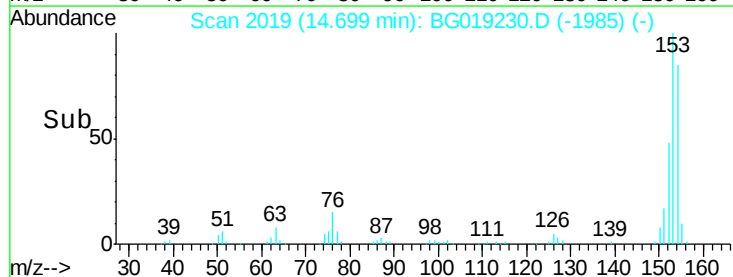
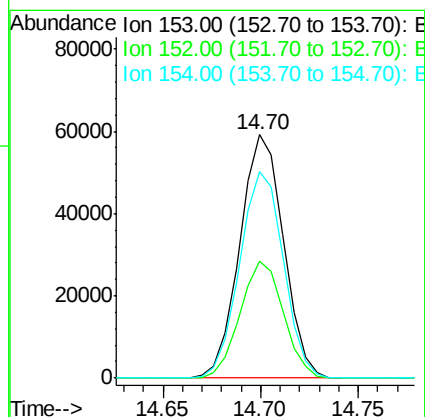
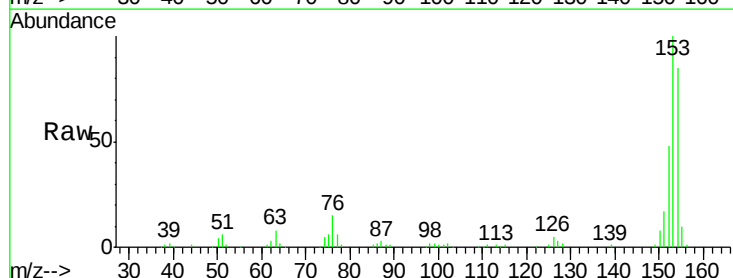
Instrument :
BNA_G
ClientSampleId :
E5LL0MSD

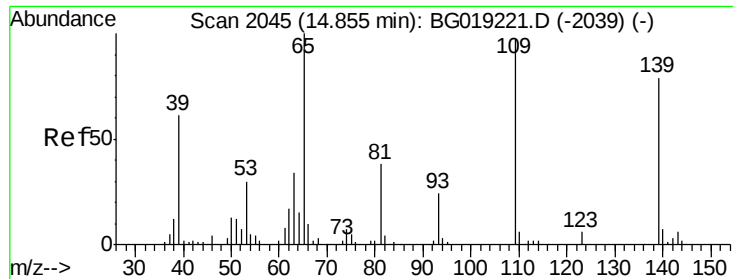
Tot Ion:163 Resp: 49466
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.3 8.1 12.1



#50
Acenaphthene
Concen: 24.88 ng/ul
RT: 14.70 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG019230.D
Acq: 16 Oct 2015 19:27

Tgt Ion:153 Resp: 91695
Ion Ratio Lower Upper
153 100
152 47.8 36.2 54.2
154 84.9 67.5 101.3





#53

4-Nitrophenol

Concen: 29.24 ng/ul

RT: 14.85 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BG019230.D

Acq: 16 Oct 2015 19:27

Instrument :

BNA_G

ClientSampleId :

E5LL0MSD

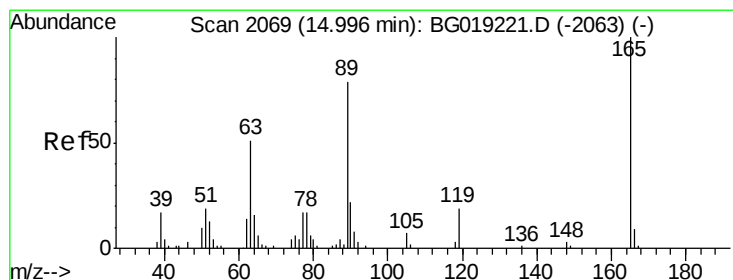
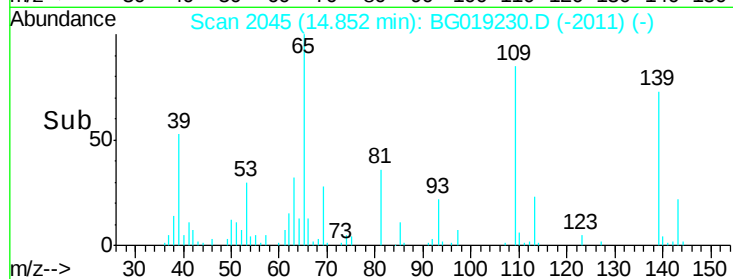
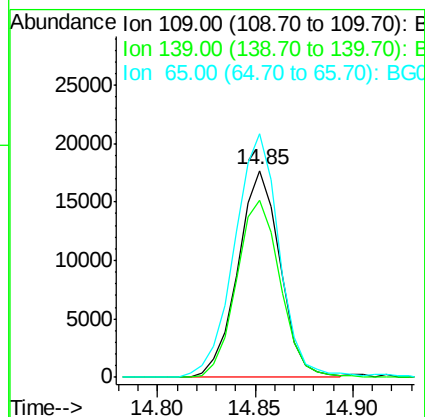
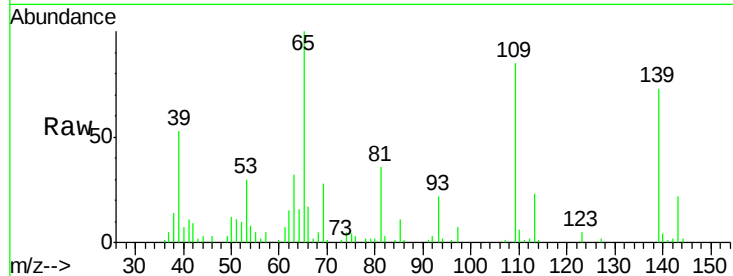
Tot Ion:109 Resp: 26533

Ion Ratio Lower Upper

109 100

139 85.8 97.9 146.9#

65 117.6 117.4 176.0



#55

2,4-Dinitrotoluene

Concen: 25.71 ng/ul

RT: 14.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: BG019230.D

Acq: 16 Oct 2015 19:27

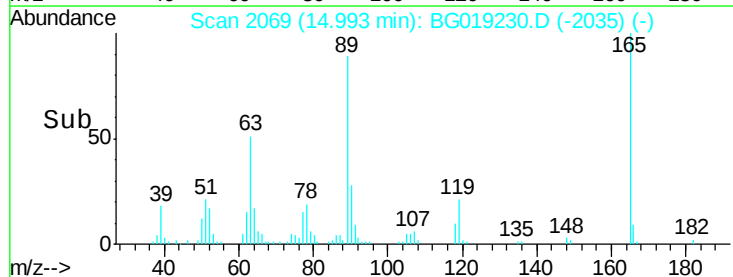
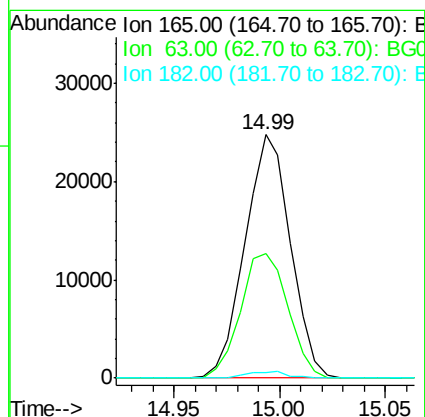
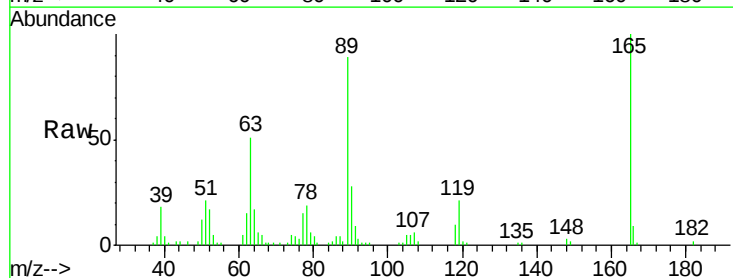
Tgt Ion:165 Resp: 36995

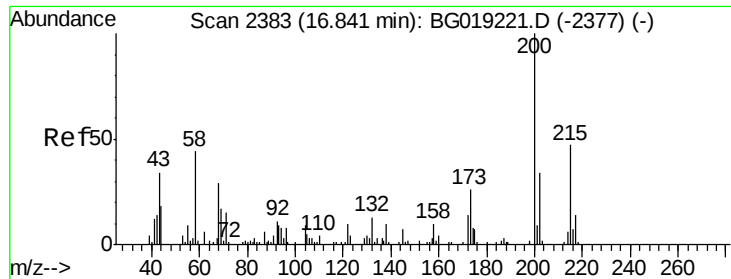
Ion Ratio Lower Upper

165 100

63 51.2 39.5 59.3

182 2.3 2.2 3.2





#68

Atrazine

Concen: 2.40 ng/ul

RT: 17.03 min Scan# 2416

Delta R.T. 0.19 min

Lab File: BG019230.D

Acq: 16 Oct 2015 19:27

Instrument :

BNA_G

ClientSampleId :

E5LL0MSD

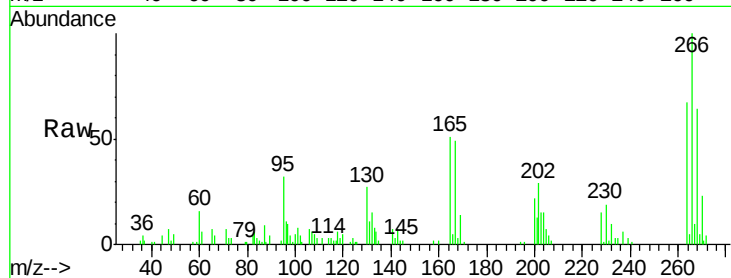
Tot Ion:200 Resp: 5781

Ion Ratio Lower Upper

200 100

173 0.0 18.5 27.7#

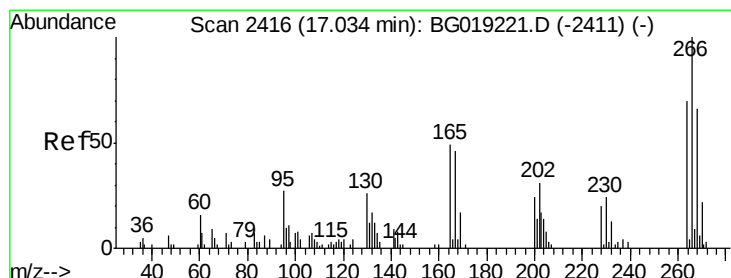
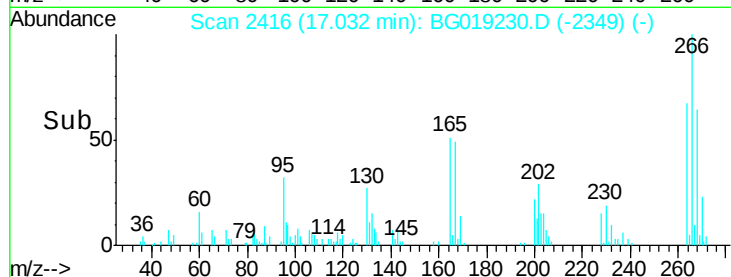
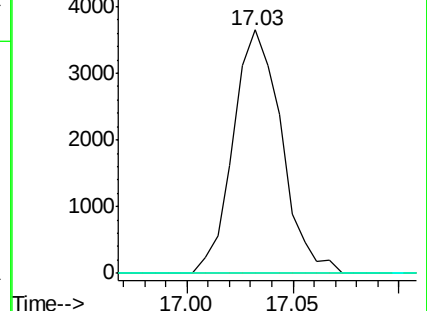
215 0.0 35.9 53.9#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 21.02 ng/ul

RT: 17.03 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG019230.D

Acq: 16 Oct 2015 19:27

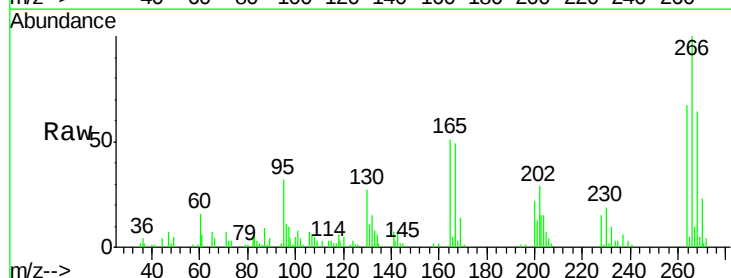
Tgt Ion:266 Resp: 25768

Ion Ratio Lower Upper

266 100

264 66.7 49.0 73.6

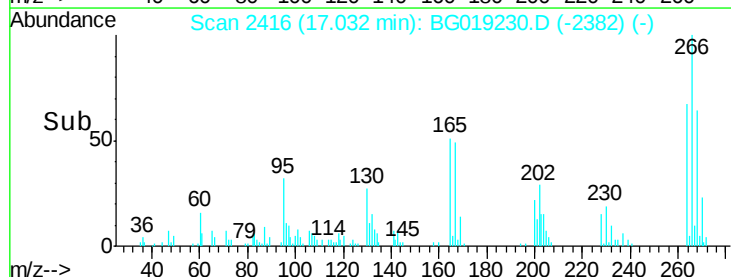
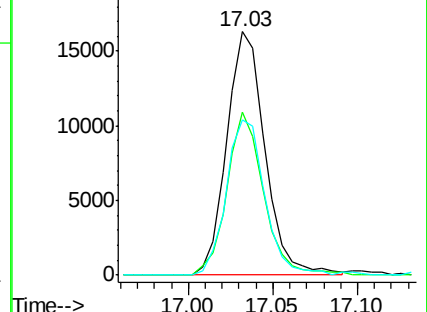
268 64.0 55.6 83.4

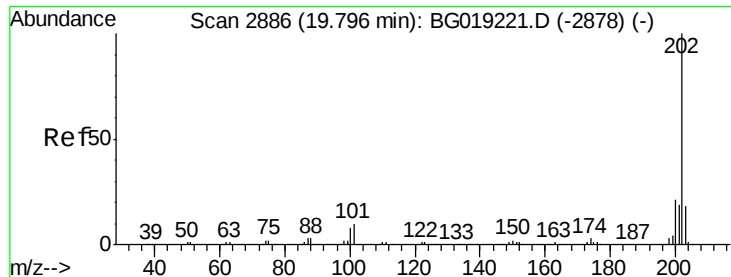


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#80

Pvrene

Concen: 17.17 ng/ul

RT: 19.86 min Scan# 2898

Delta R.T. 0.07 min

Lab File: BG019230.D

Acq: 16 Oct 2015 19:27

Instrument :

BNA_G

ClientSampled :

E5LL0MSD

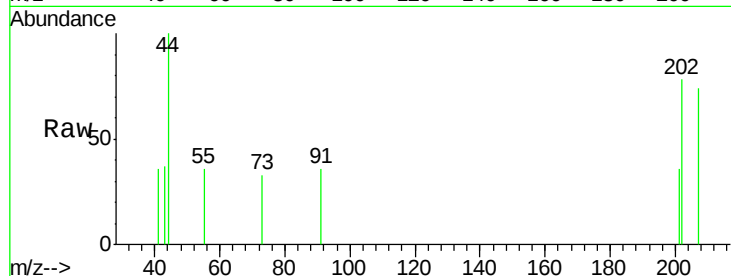
Tot Ion:202 Resp: 485

Ion Ratio Lower Upper

202 100

101 0.0 10.2 15.2#

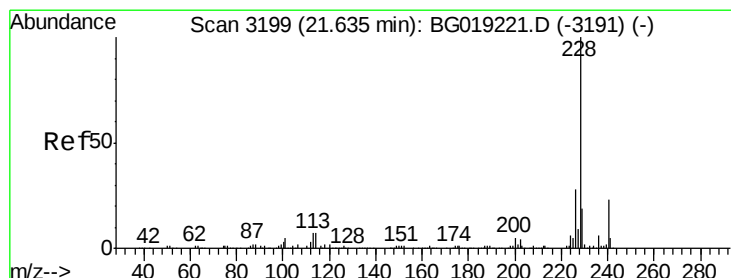
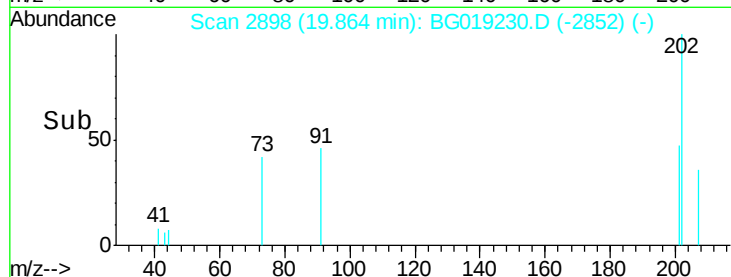
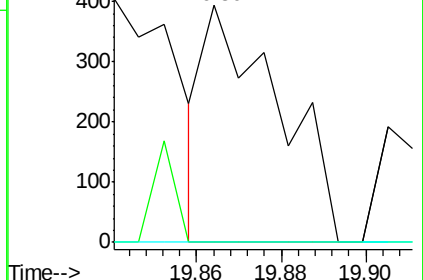
100 0.0 8.5 12.7#



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): E



#83

Benzo(a)anthracene

Concen: 9.56 ng/ul

RT: 21.65 min Scan# 3202

Delta R.T. 0.02 min

Lab File: BG019230.D

Acq: 16 Oct 2015 19:27

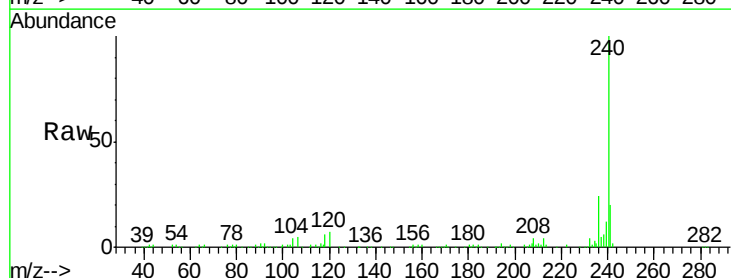
Tgt Ion:228 Resp: 257

Ion Ratio Lower Upper

228 100

229 0.0 16.6 24.8#

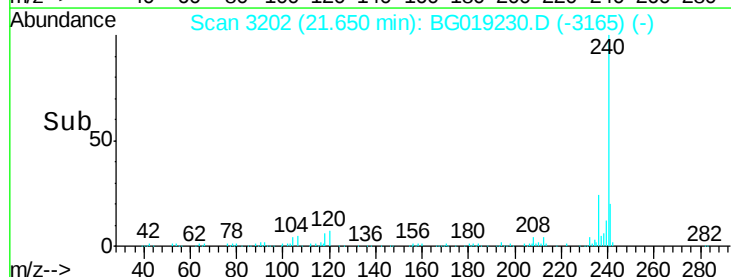
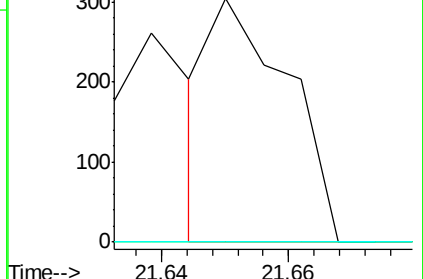
226 0.0 22.8 34.2#

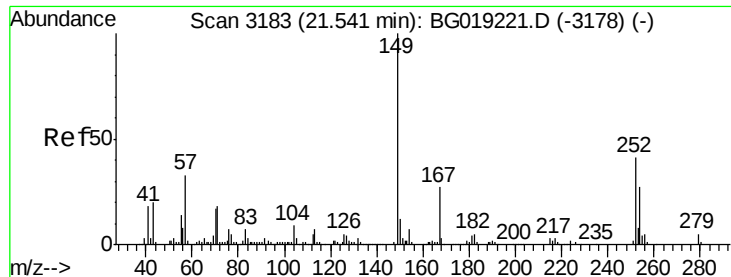


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 8.03 ng/ul

RT: 21.57 min Scan# 3189

Delta R.T. 0.03 min

Lab File: BG019230.D

Acq: 16 Oct 2015 19:27

Instrument :

BNA_G

ClientSampleId :

E5LL0MSD

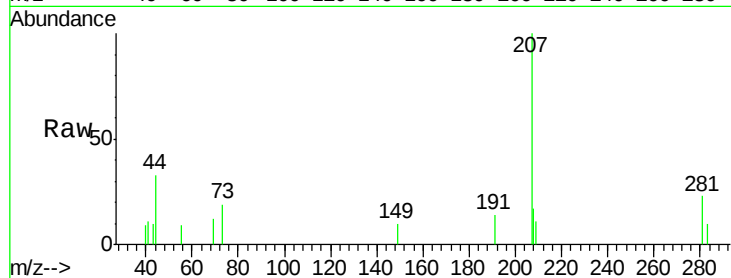
Tot Ion:149 Resp: 114

Ion Ratio Lower Upper

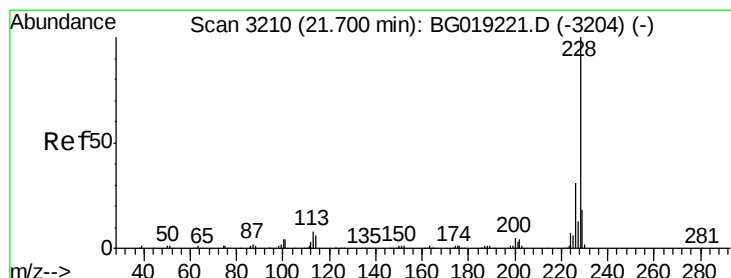
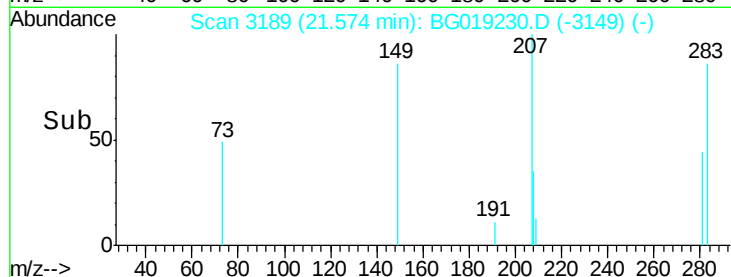
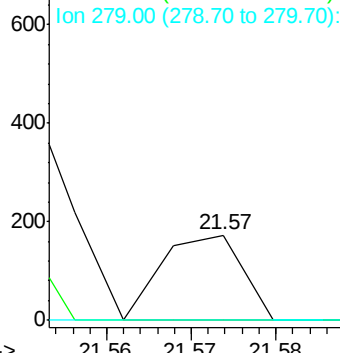
149 100

167 0.0 22.8 34.2#

279 0.0 3.3 4.9#



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: 10.11 ng/ul

RT: 21.65 min Scan# 3202

Delta R.T. -0.05 min

Lab File: BG019230.D

Acq: 16 Oct 2015 19:27

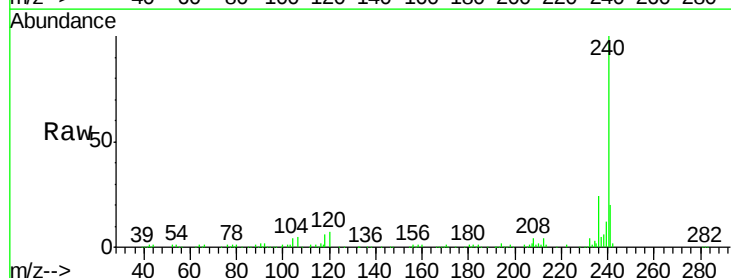
Tgt Ion:228 Resp: 257

Ion Ratio Lower Upper

228 100

226 0.0 24.2 36.2#

229 0.0 15.6 23.4#



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

