

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
 Data File : BG019229.D
 Acq On : 16 Oct 2015 18:49
 Operator : UM/NP
 Sample : G3996-22MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LL0MS

Quant Time: Oct 17 06:34:10 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	8.00	152	14370	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	66647	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	49105	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	129524	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	168538	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	166811	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	1491	5.78	ng/uL	0.00
5) Phenol-d5	7.17	99	35125	28.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	22658	28.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	27421	30.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	29907	28.15	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	14531	28.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	16943	31.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	30642	28.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	42238	30.39	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	126227	29.39	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	135368	29.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	24951	32.32	ng/ul	0.00
58) Fluorene-d10	15.63	176	106870	29.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	21316	26.68	ng/ul	0.00
71) Anthracene-d10	17.48	188	182606	29.84	ng/ul	0.00
79) Pyrene-d10	19.77	212	235547	30.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	264631	31.40	ng/ul	0.00

Target Compounds

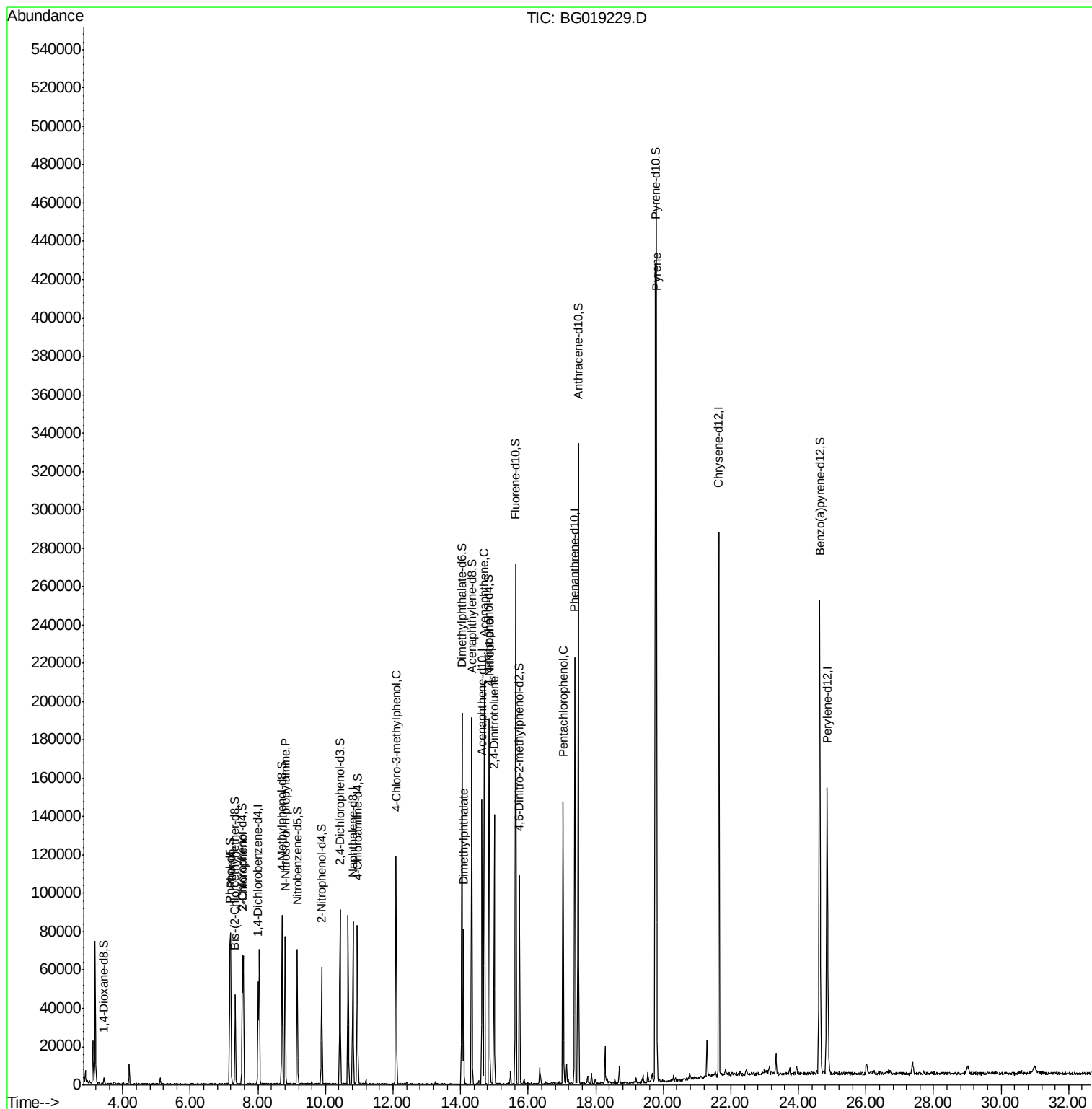
						Ovalue
6) Phenol	7.20	94	34586	26.48	ng/ul#	81
10) 2-Chlorophenol	7.57	128	25539	27.21	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.81	70	24667	26.92	ng/ul	97
33) 4-Chloro-3-methylphenol	12.09	107	40907	29.79	ng/ul	88
45) Dimethylphthalate	14.08	163	49252	11.38	ng/ul#	98
50) Acenaphthene	14.70	153	89527	26.11	ng/ul	99
53) 4-Nitrophenol	14.85	109	27003	31.99	ng/ul#	69
55) 2,4-Dinitrotoluene	15.00	165	37589	28.08	ng/ul#	99
69) Pentachlorophenol	17.03	266	25642	29.40	ng/ul	91
80) Pyrene	19.80	202	272227	27.21	ng/ul#	93

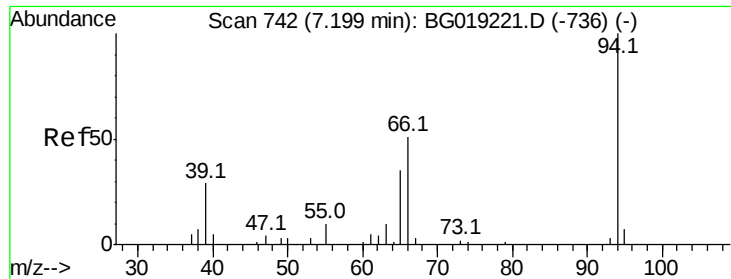
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 26.48 ng/ul

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG019229.D

Acq: 16 Oct 2015 18:49

Instrument :

BNA_G

ClientSampled :

E5LL0MS

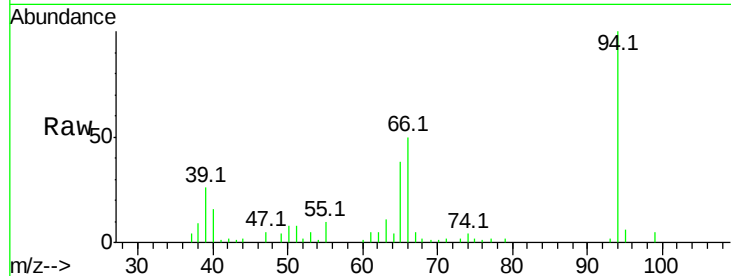
Tot Ion: 94 Resp: 34586

Ion Ratio Lower Upper

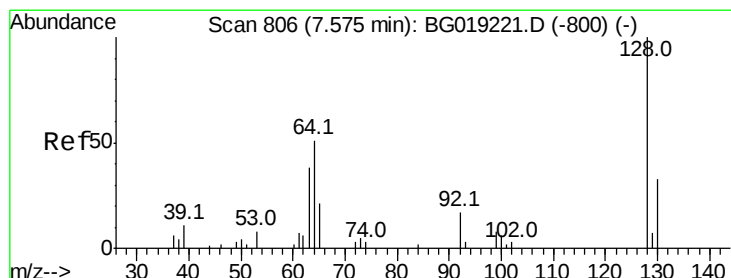
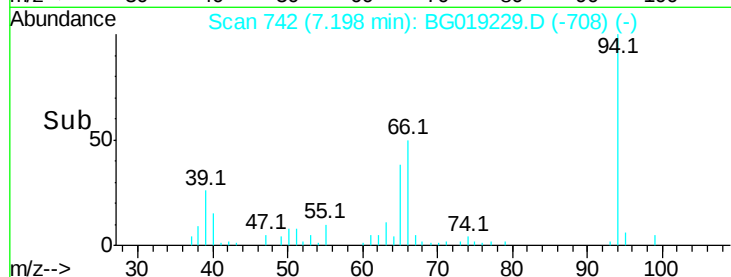
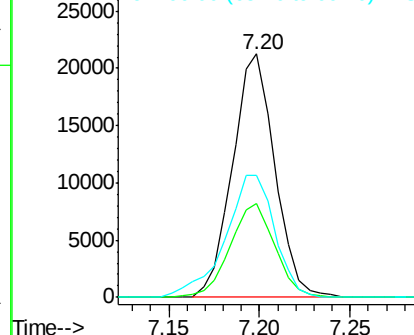
94 100

65 38.3 24.9 37.3#

66 50.3 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: 27.21 ng/ul

RT: 7.57 min Scan# 805

Delta R.T. -0.01 min

Lab File: BG019229.D

Acq: 16 Oct 2015 18:49

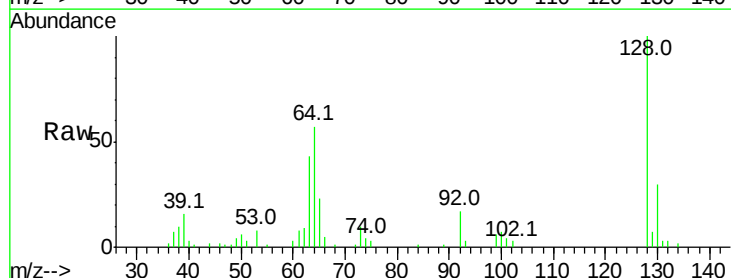
Tgt Ion: 128 Resp: 25539

Ion Ratio Lower Upper

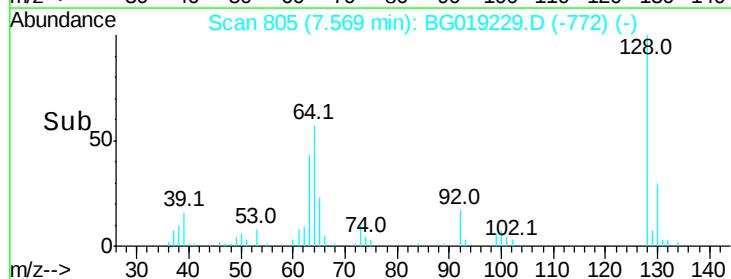
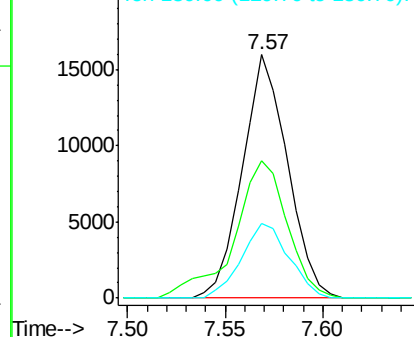
128 100

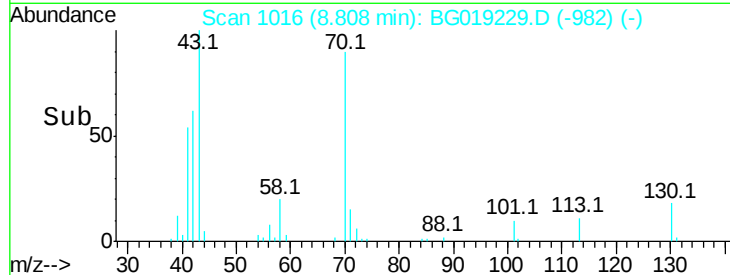
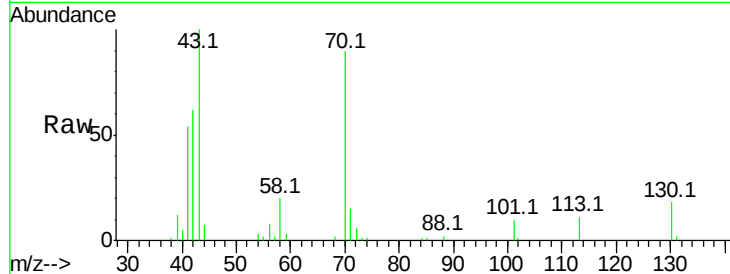
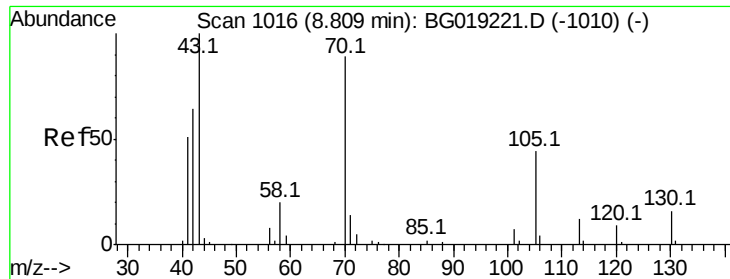
64 56.6 43.3 64.9

130 30.5 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

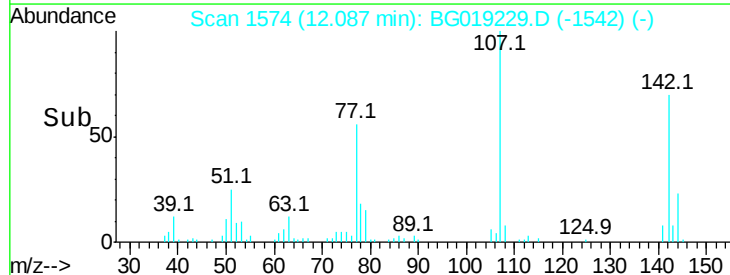
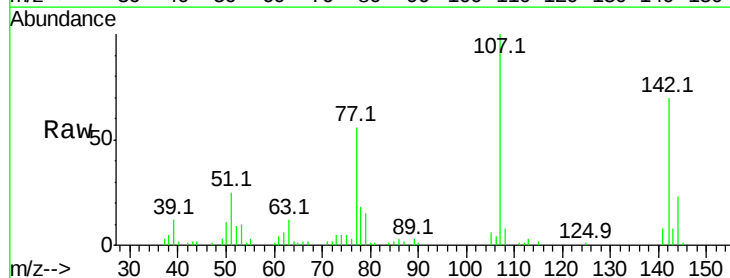
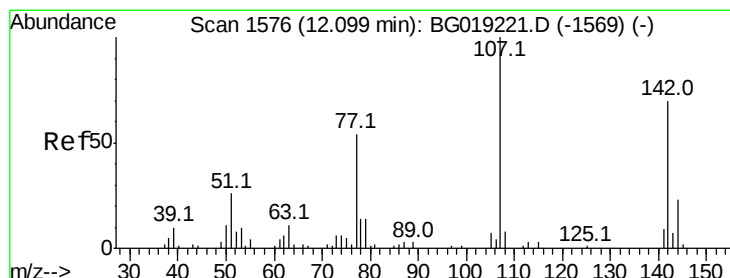
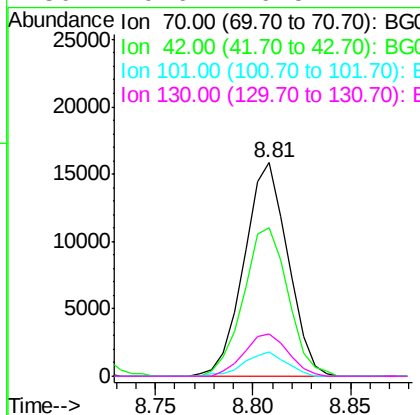




#15
N-Nitroso-di-n-propylamine
Concen: 26.92 ng/ul
RT: 8.81 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG019229.D
Acq: 16 Oct 2015 18:49

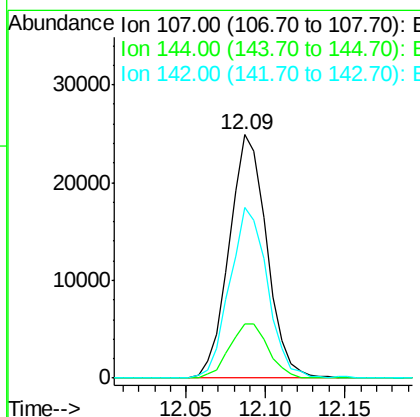
Instrument :
BNA_G
ClientSampleId :
E5LL0MS

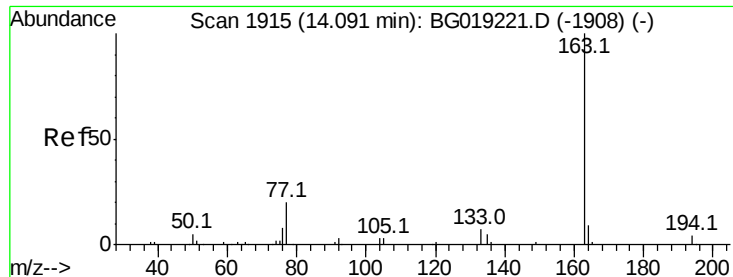
Tot Ion:	70	Resp:	24667
Ion	Ratio	Lower	Upper
70	100		
42	69.3	53.6	80.4
101	11.1	7.9	11.9
130	19.6	16.5	24.7



#33
4-Chloro-3-methylphenol
Concen: 29.79 ng/ul
RT: 12.09 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BG019229.D
Acq: 16 Oct 2015 18:49

Tgt Ion:	107	Resp:	40907
Ion	Ratio	Lower	Upper
107	100		
144	22.5	20.9	31.3
142	70.0	65.6	98.4





#45

Dimethylphthalate

Concen: 11.38 ng/ul

RT: 14.08 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BG019229.D

Acq: 16 Oct 2015 18:49

Instrument :

BNA_G

ClientSampled :

E5LL0MS

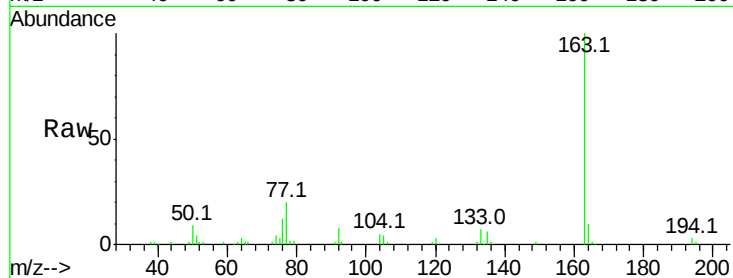
Tot Ion:163 Resp: 49252

Ion Ratio Lower Upper

163 100

194 2.9 3.3 4.9#

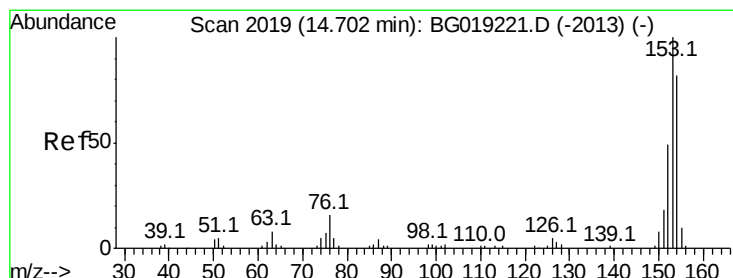
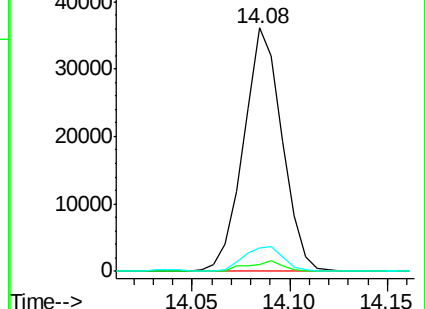
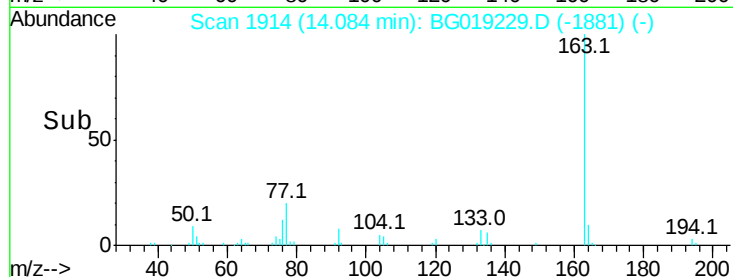
164 9.7 8.1 12.1



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



#50

Acenaphthene

Concen: 26.11 ng/ul

RT: 14.70 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG019229.D

Acq: 16 Oct 2015 18:49

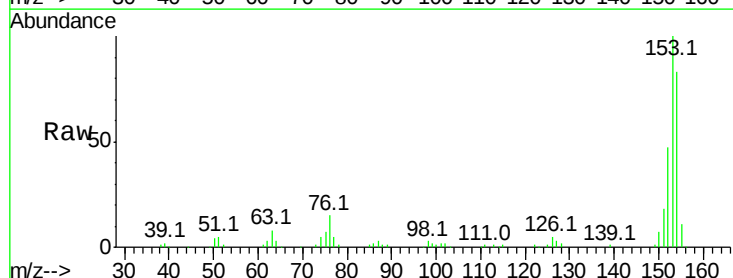
Tgt Ion:153 Resp: 89527

Ion Ratio Lower Upper

153 100

152 46.7 36.2 54.2

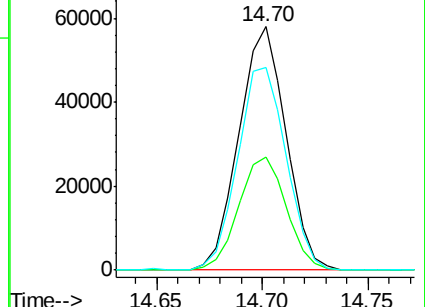
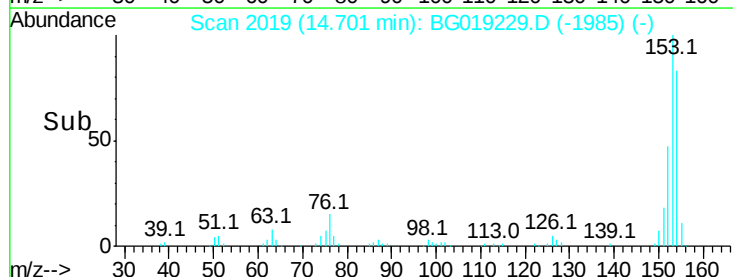
154 83.4 67.5 101.3

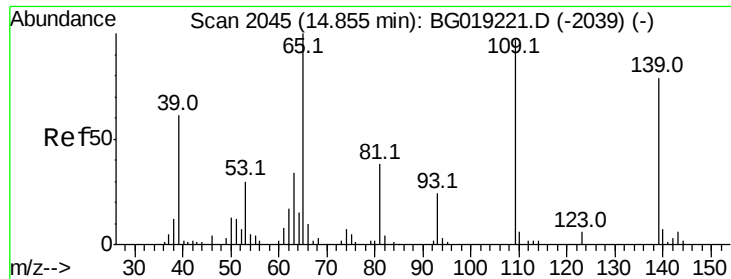


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 31.99 ng/ul

RT: 14.85 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BG019229.D

Acq: 16 Oct 2015 18:49

Instrument :

BNA_G

ClientSampleId :

E5LL0MS

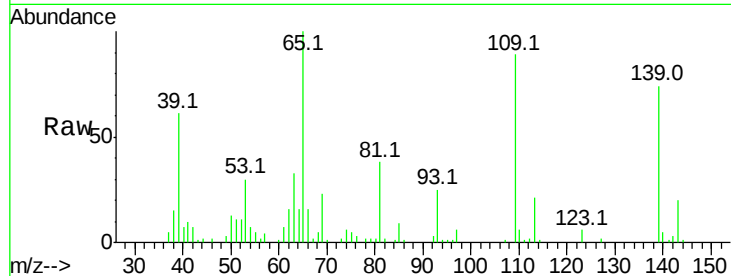
Tot Ion:109 Resp: 27003

Ion Ratio Lower Upper

109 100

139 82.8 97.9 146.9#

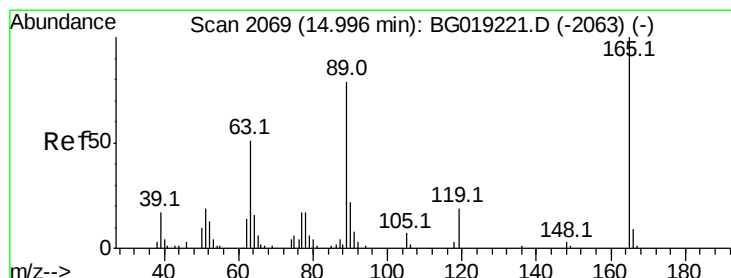
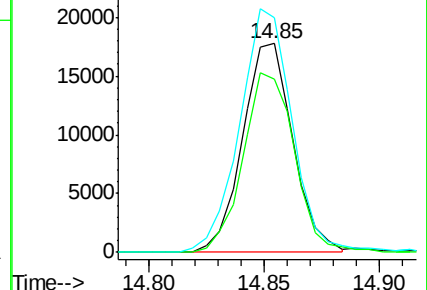
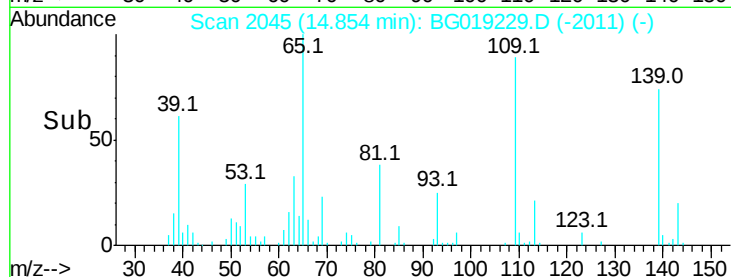
65 112.4 117.4 176.0#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC



#55

2,4-Dinitrotoluene

Concen: 28.08 ng/ul

RT: 15.00 min Scan# 2069

Delta R.T. -0.00 min

Lab File: BG019229.D

Acq: 16 Oct 2015 18:49

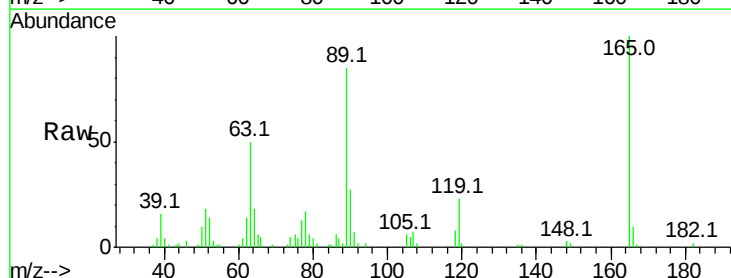
Tgt Ion:165 Resp: 37589

Ion Ratio Lower Upper

165 100

63 50.3 39.5 59.3

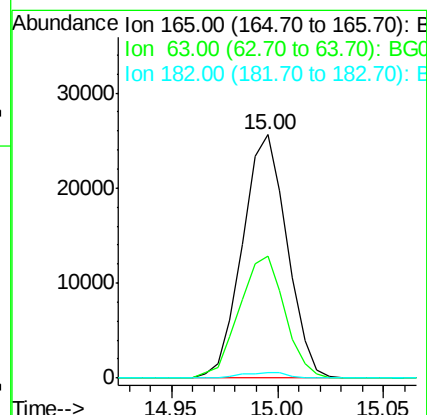
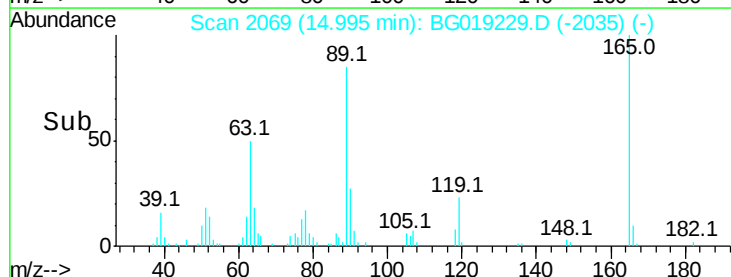
182 2.1 2.2 3.2#

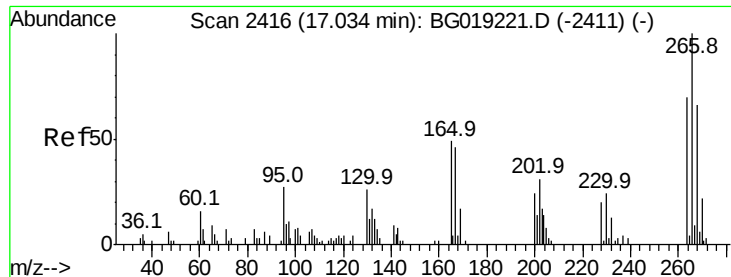


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 29.40 ng/ul

RT: 17.03 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG019229.D

Acq: 16 Oct 2015 18:49

Instrument :

BNA_G

ClientSampleId :

E5LL0MS

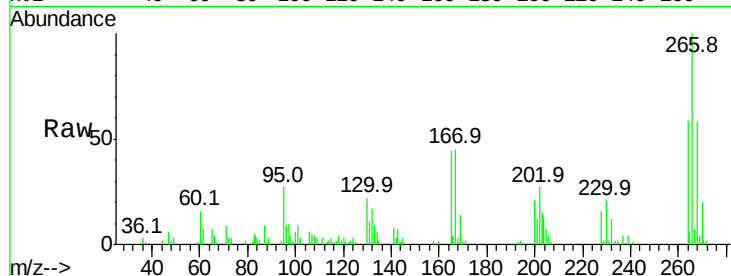
Tot Ion:266 Resp: 25642

Ion Ratio Lower Upper

266 100

264 58.5 49.0 73.6

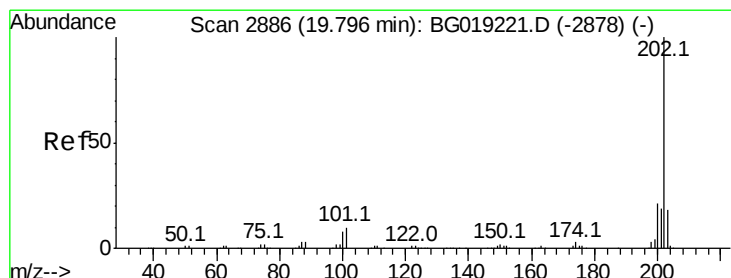
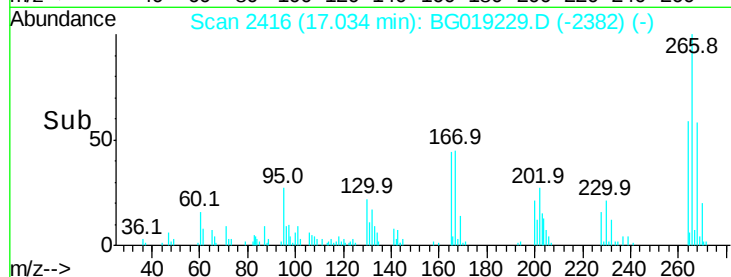
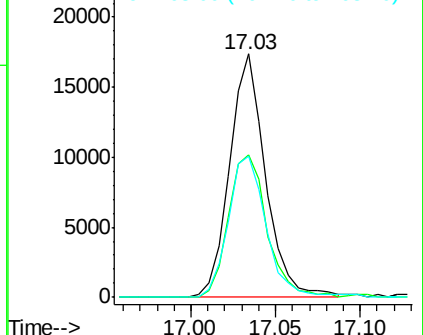
268 58.0 55.6 83.4



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

Pyrene

Concen: 27.21 ng/ul

RT: 19.80 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG019229.D

Acq: 16 Oct 2015 18:49

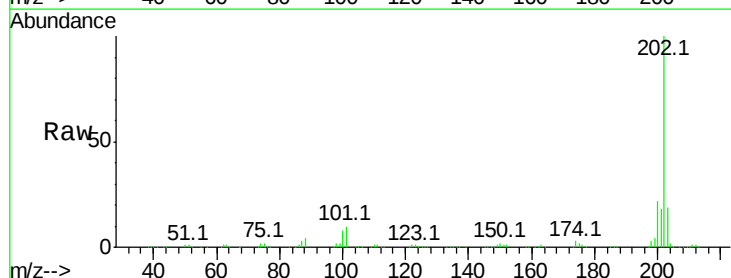
Tgt Ion:202 Resp: 272227

Ion Ratio Lower Upper

202 100

101 9.9 10.2 15.2#

100 8.2 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

