

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102015\
 Data File : BG019272.D
 Acq On : 21 Oct 2015 00:34
 Operator : UM/NP
 Sample : G4074-21MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9J5MS

Quant Time: Oct 21 01:26:25 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 01:23:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	16583	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	79096	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	58035	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	139689	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	149231	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	149913	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	1216	4.08	ng/uL	0.00
5) Phenol-d5	7.17	99	35496	24.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	22720	24.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.52	132	27749	26.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	30476	24.85	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	15244	25.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	18757	29.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	36497	28.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	34058	20.64	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	137908	27.17	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	157931	28.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	21787	23.88	ng/ul	0.00
58) Fluorene-d10	15.61	176	123234	28.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	22034	25.57	ng/ul	0.00
71) Anthracene-d10	17.47	188	189440	28.70	ng/ul	0.00
79) Pyrene-d10	19.76	212	212712	31.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	224996	29.71	ng/ul	0.00

Target Compounds

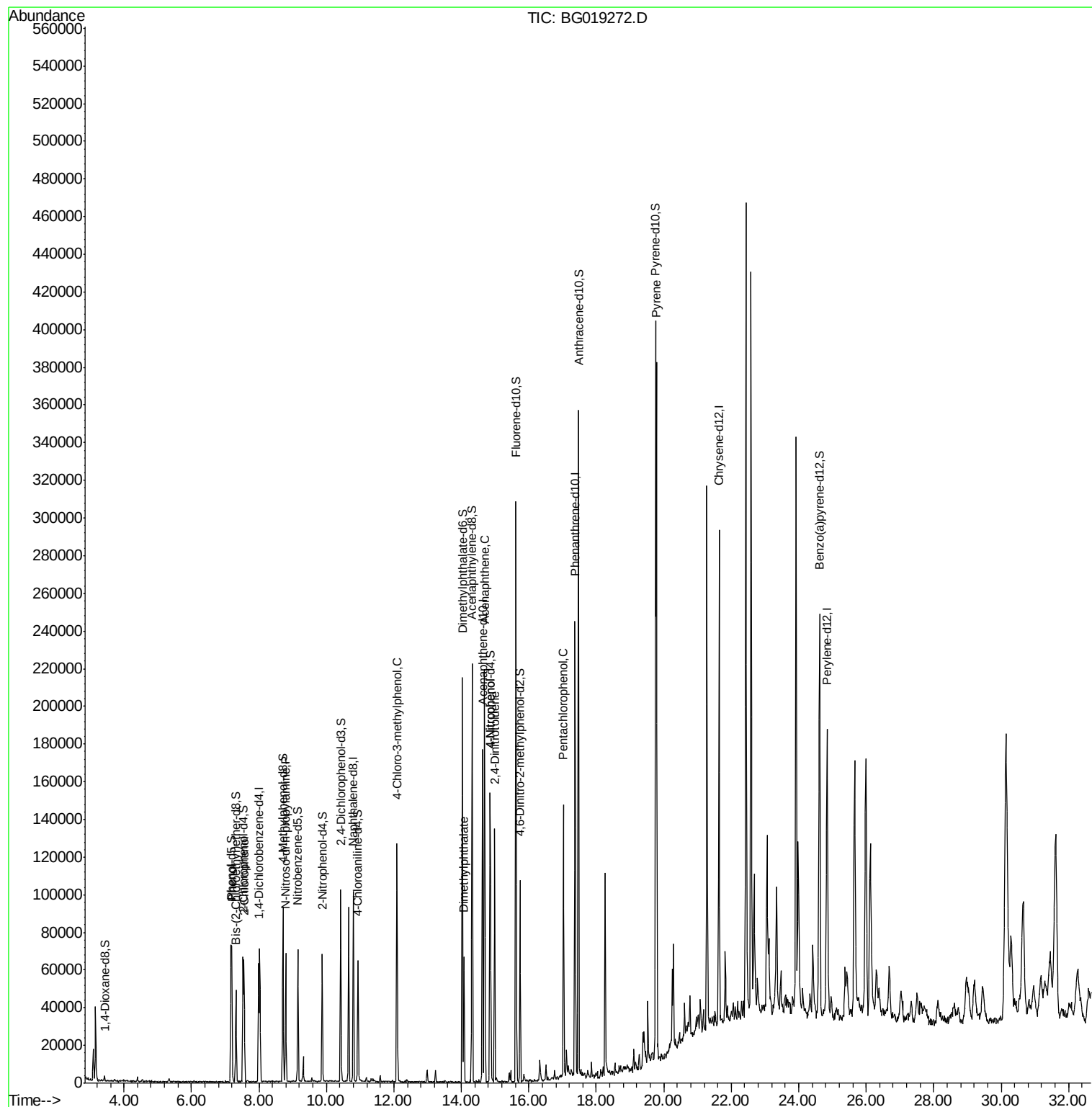
						Qvalue
6) Phenol	7.20	94	32924	21.85	ng/ul#	81
10) 2-Chlorophenol	7.56	128	25041	23.12	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.79	70	23836	22.54	ng/ul	97
33) 4-Chloro-3-methylphenol	12.09	107	43359	26.61	ng/ul	89
45) Dimethylphthalate	14.07	163	40378	7.90	ng/ul	99
50) Acenaphthene	14.69	153	93718	23.13	ng/ul	96
53) 4-Nitrophenol	14.86	109	23297	23.35	ng/ul#	73
55) 2,4-Dinitrotoluene	14.99	165	35174	22.23	ng/ul	98
69) Pentachlorophenol	17.02	266	24691	26.25	ng/ul	95
80) Pyrene	19.79	202	225089	25.41	ng/ul#	90

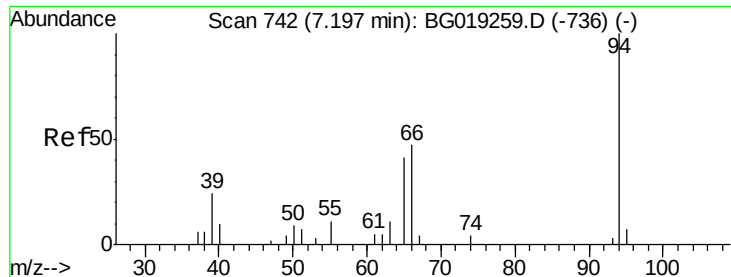
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 01:23:32 2015
Response via : Initial Calibration





#6

Phenol

Concen: 21.85 ng/ul

RT: 7.20 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG019272.D

Acq: 21 Oct 2015 00:34

Instrument :

BNA_G

ClientSampleId :

JG9J5MS

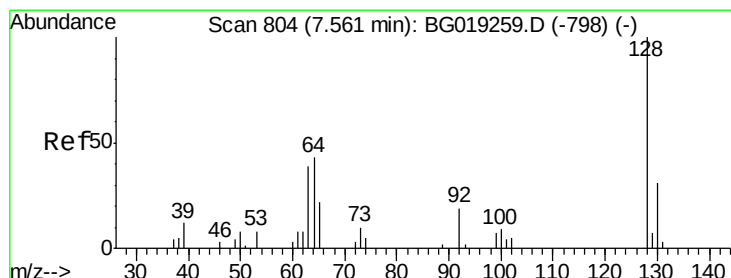
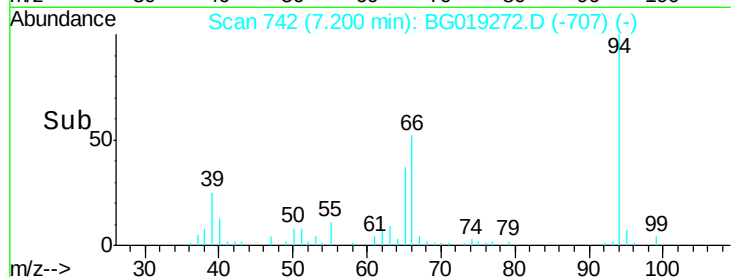
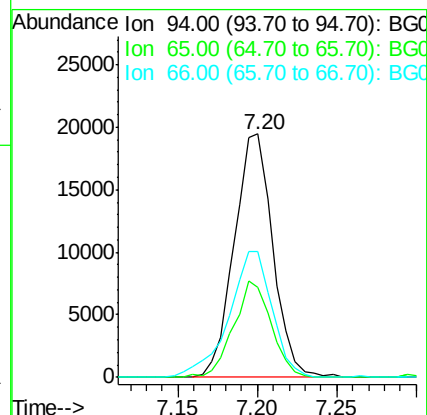
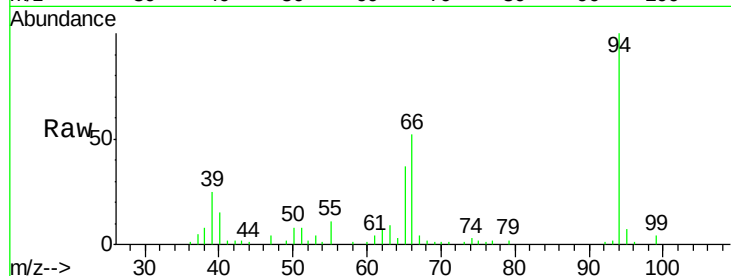
Tgt Ion: 94 Resp: 32924

Ion Ratio Lower Upper

94 100

65 36.9 24.9 37.3

66 51.9 29.1 43.7#



#10

2-Chlorophenol

Concen: 23.12 ng/ul

RT: 7.56 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG019272.D

Acq: 21 Oct 2015 00:34

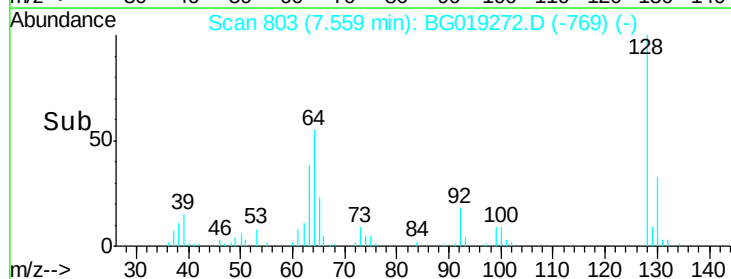
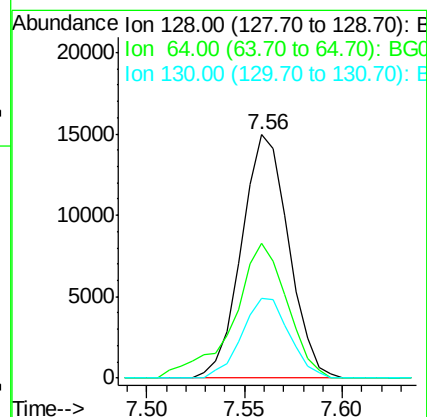
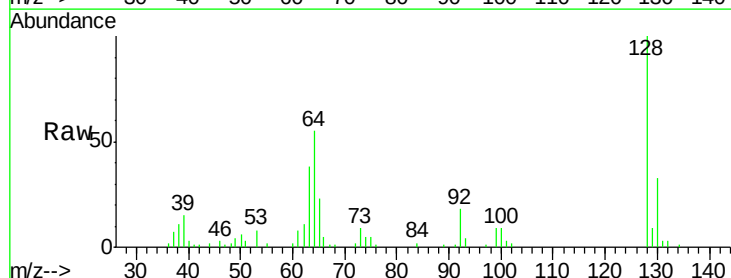
Tgt Ion: 128 Resp: 25041

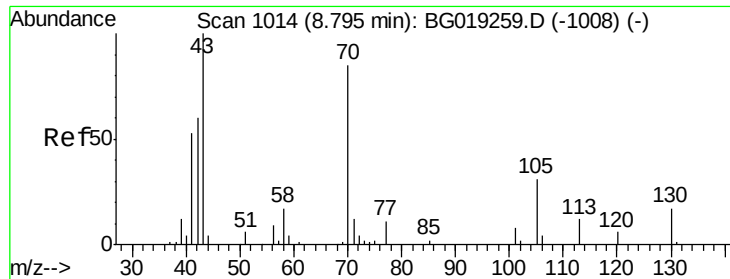
Ion Ratio Lower Upper

128 100

64 55.5 43.3 64.9

130 33.0 26.5 39.7





#15

N-Nitroso-di-n-propylamine

Concen: 22.54 ng/ul

RT: 8.79 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG019272.D

Acq: 21 Oct 2015 00:34

Instrument :

BNA_G

ClientSampleId :

JG9J5MS

Tgt Ion: 70 Resp: 23836

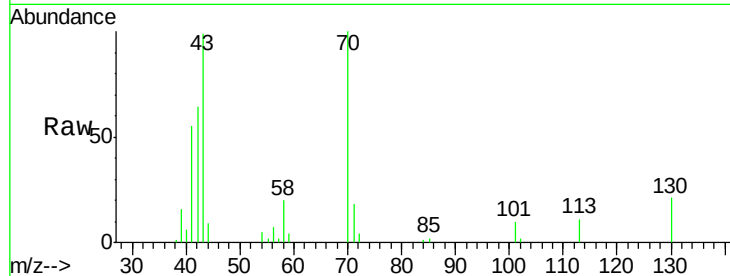
Ion Ratio Lower Upper

70 100

42 64.2 53.6 80.4

101 9.9 7.9 11.9

130 21.2 16.5 24.7

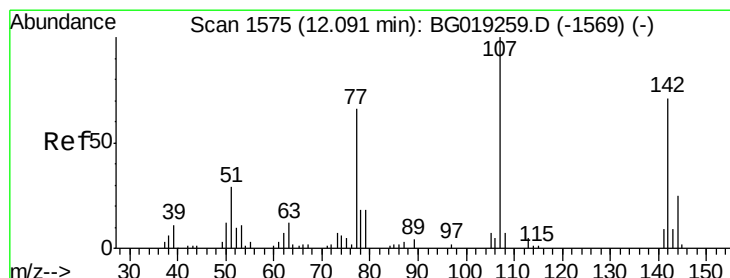
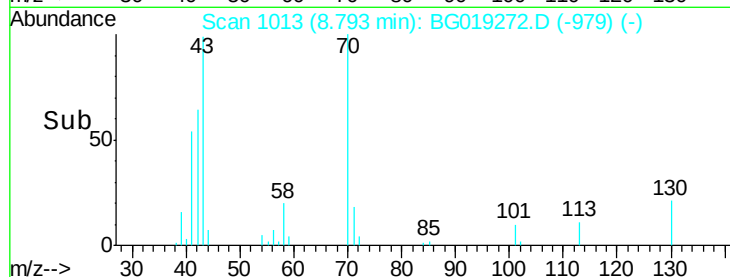
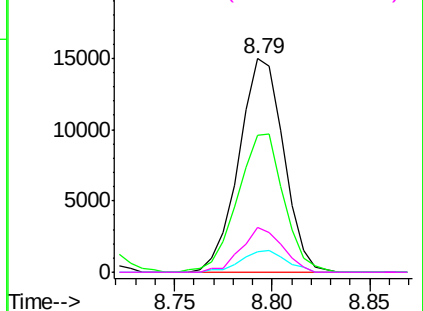


Abundance Ion 70.00 (69.70 to 70.70): BG019272.D (-979) (-)

Ion 42.00 (41.70 to 42.70): BG019272.D (-979) (-)

Ion 101.00 (100.70 to 101.70): BG019272.D (-979) (-)

Ion 130.00 (129.70 to 130.70): BG019272.D (-979) (-)



#33

4-Chloro-3-methylphenol

Concen: 26.61 ng/ul

RT: 12.09 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BG019272.D

Acq: 21 Oct 2015 00:34

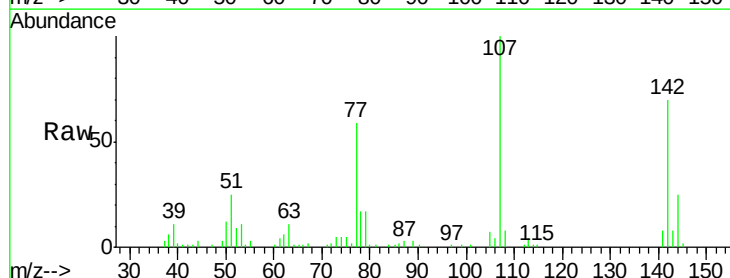
Tgt Ion: 107 Resp: 43359

Ion Ratio Lower Upper

107 100

144 24.8 20.9 31.3

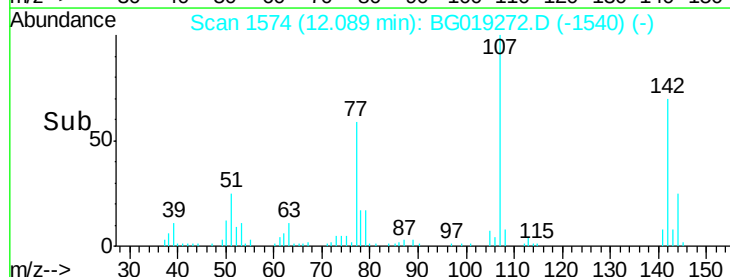
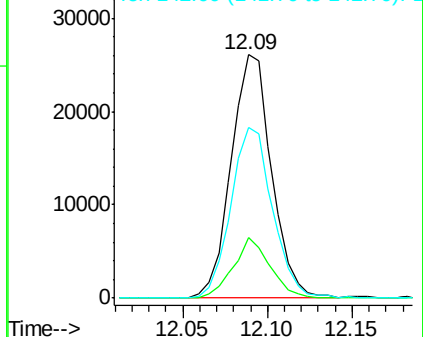
142 69.9 65.6 98.4

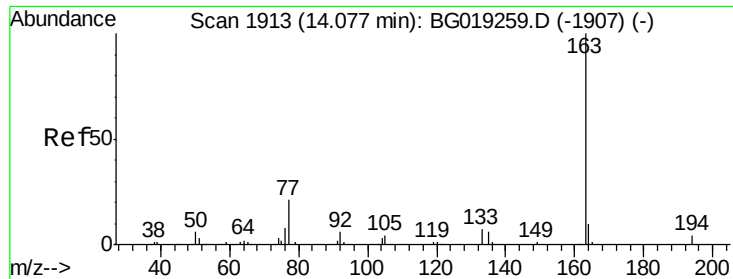


Abundance Ion 107.00 (106.70 to 107.70): BG019272.D (-1540) (-)

Ion 144.00 (143.70 to 144.70): BG019272.D (-1540) (-)

Ion 142.00 (141.70 to 142.70): BG019272.D (-1540) (-)

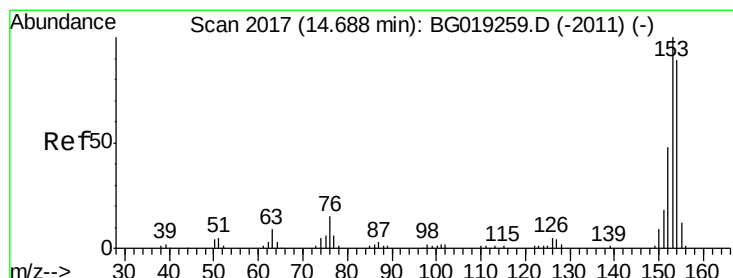
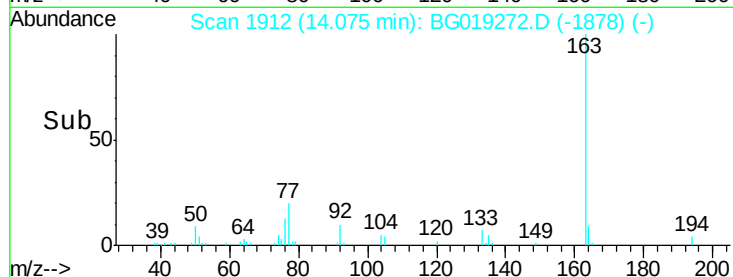
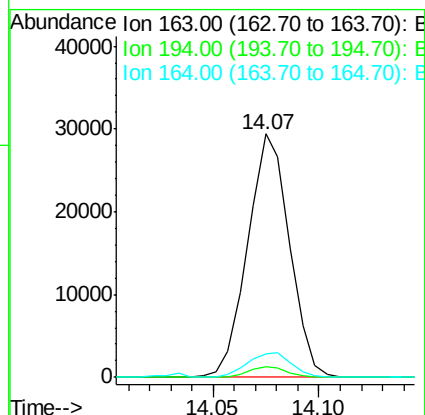
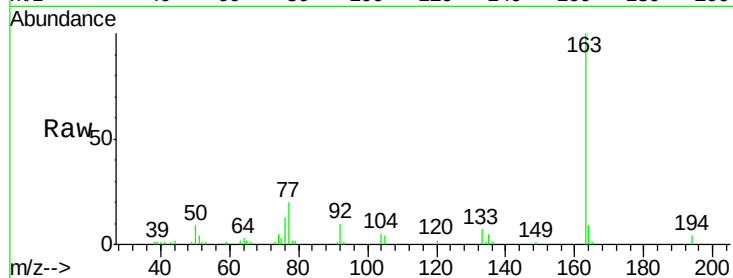




#45
Dimethylphthalate
Concen: 7.90 ng/ul
RT: 14.07 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BG019272.D
Acq: 21 Oct 2015 00:34

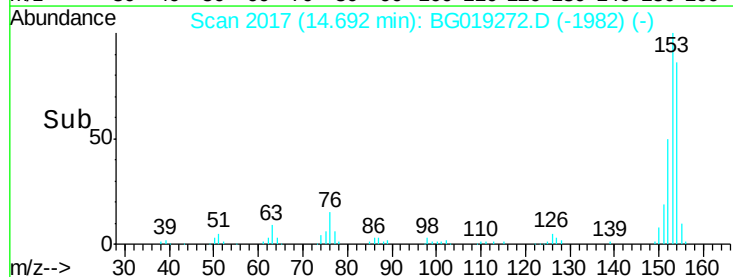
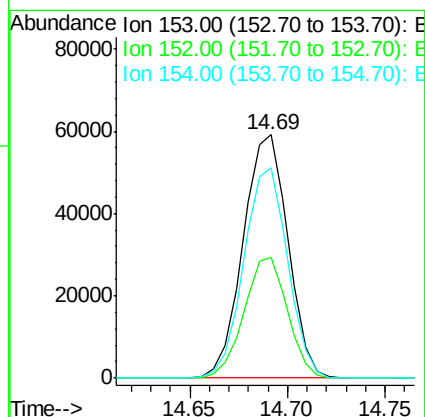
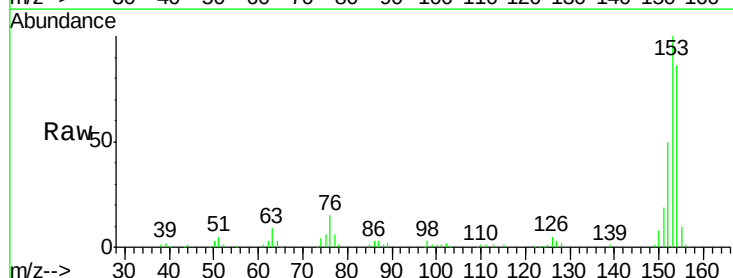
Instrument :
BNA_G
ClientSampleId :
JG9J5MS

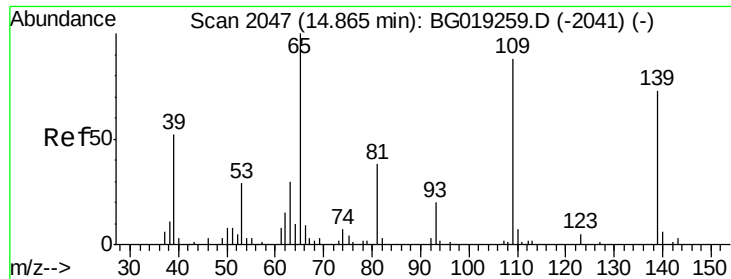
Tgt Ion:163 Resp: 40378
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.4 8.1 12.1



#50
Acenaphthene
Concen: 23.13 ng/ul
RT: 14.69 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BG019272.D
Acq: 21 Oct 2015 00:34

Tgt Ion:153 Resp: 93718
Ion Ratio Lower Upper
153 100
152 49.8 36.2 54.2
154 86.4 67.5 101.3





#53

4-Nitrophenol

Concen: 23.35 ng/ul

RT: 14.86 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BG019272.D

Acq: 21 Oct 2015 00:34

Instrument :

BNA_G

ClientSampled :

JG9J5MS

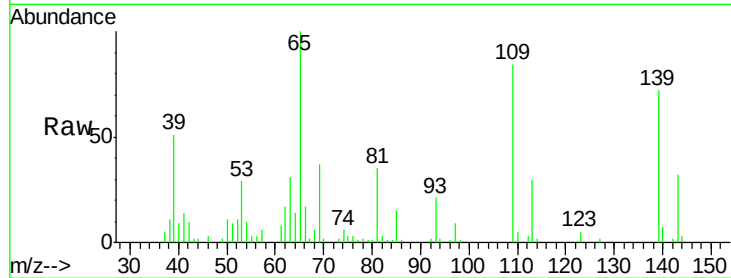
Tgt Ion:109 Resp: 23297

Ion Ratio Lower Upper

109 100

139 86.3 97.9 146.9#

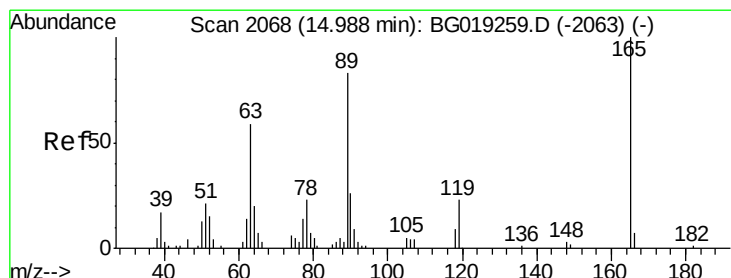
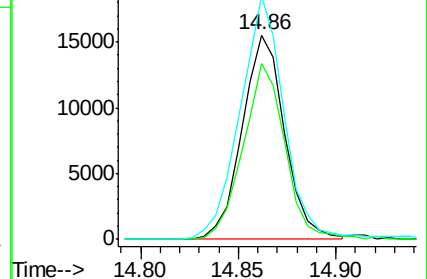
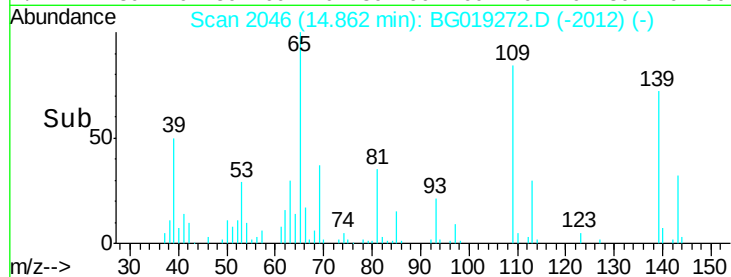
65 119.2 117.4 176.0



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: 22.23 ng/ul

RT: 14.99 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BG019272.D

Acq: 21 Oct 2015 00:34

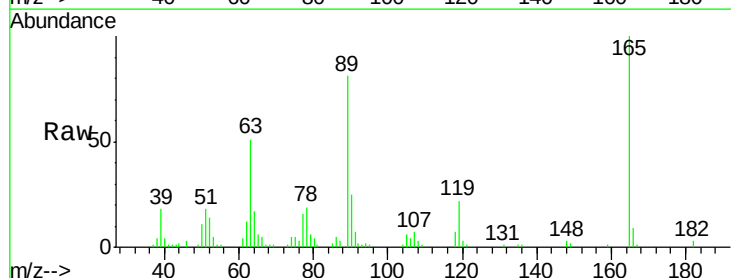
Tgt Ion:165 Resp: 35174

Ion Ratio Lower Upper

165 100

63 50.9 39.5 59.3

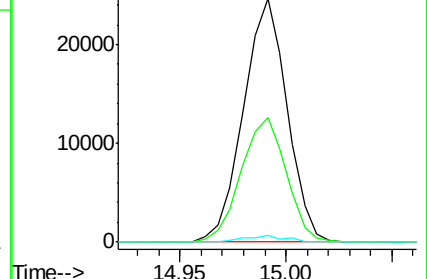
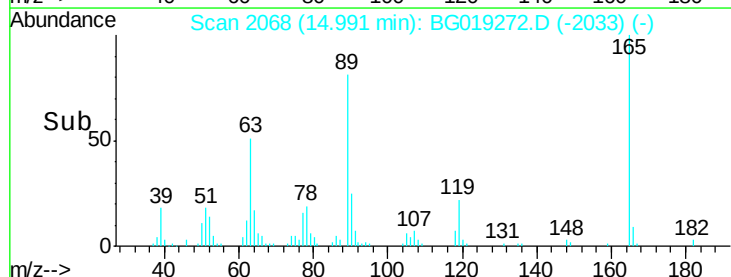
182 2.7 2.2 3.2

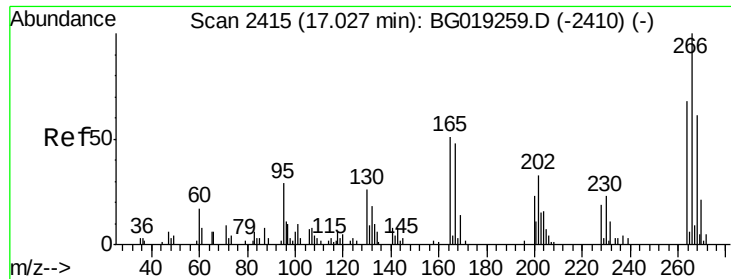


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E

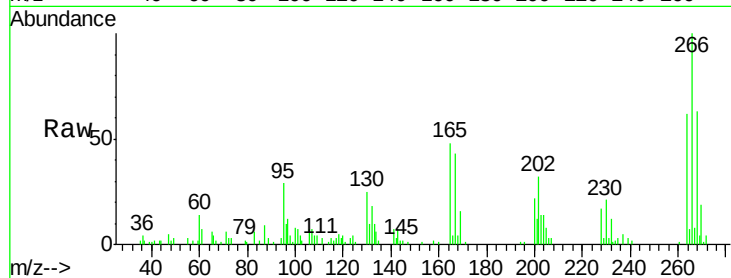




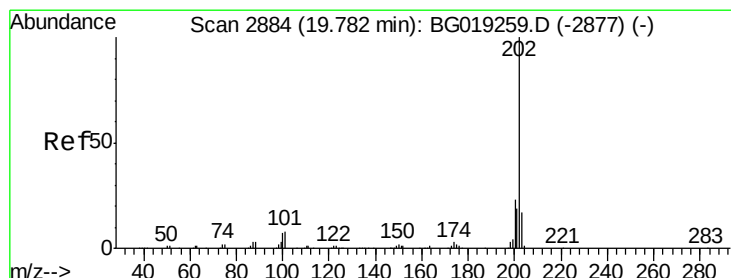
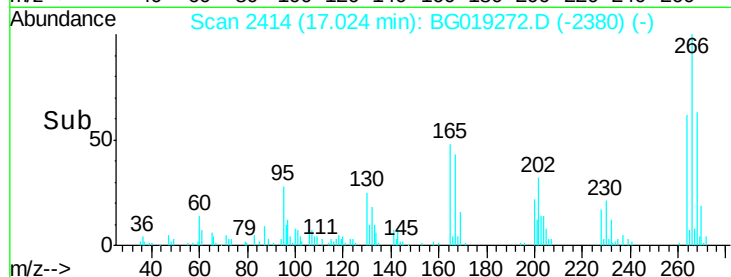
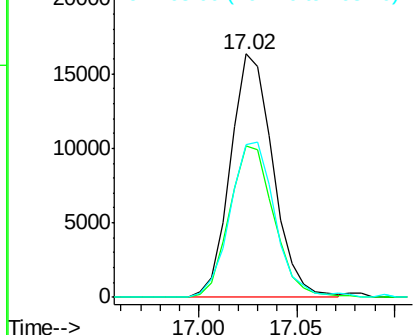
#69
 Pentachlorophenol
 Concen: 26.25 ng/ul
 RT: 17.02 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BG019272.D
 Acq: 21 Oct 2015 00:34

Instrument :
 BNA_G
 ClientSampleId :
 JG9J5MS

Tgt Ion:266 Resp: 24691
 Ion Ratio Lower Upper
 266 100
 264 62.2 49.0 73.6
 268 62.5 55.6 83.4

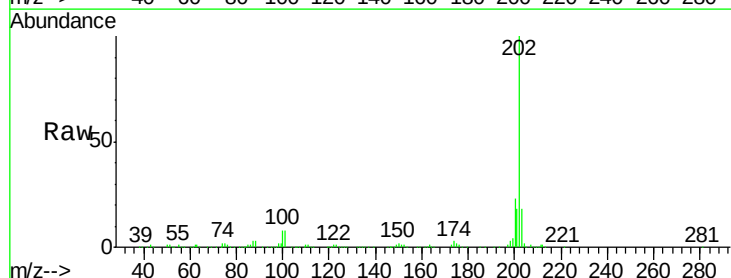


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 25.41 ng/ul
 RT: 19.79 min Scan# 2884
 Delta R.T. 0.00 min
 Lab File: BG019272.D
 Acq: 21 Oct 2015 00:34

Tgt Ion:202 Resp: 225089
 Ion Ratio Lower Upper
 202 100
 101 8.0 10.2 15.2#
 100 7.8 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

