

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
 Data File : BG020372.D
 Acq On : 21 Dec 2015 10:18
 Operator : UM/SJ
 Sample : G4848-21MS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N67MS

Quant Time: Dec 22 00:23:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 07:46:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	19551	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	86538	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	61326	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	146443	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	185735	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	168178	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	2226	6.29	ng/uL	0.00
5) Phenol-d5	7.25	99	63351	36.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	37806	36.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	48584	38.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	53906	36.56	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	27189	40.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	31214	41.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	57440	37.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	72865	42.66	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	197517	39.82	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	226015	39.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	31980	35.95	ng/ul	0.00
58) Fluorene-d10	15.71	176	175572	39.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	31034	35.75	ng/ul	0.00
71) Anthracene-d10	17.57	188	279672	41.45	ng/ul	0.00
79) Pyrene-d10	19.85	212	340956	39.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	374676	44.67	ng/ul	0.00

Target Compounds

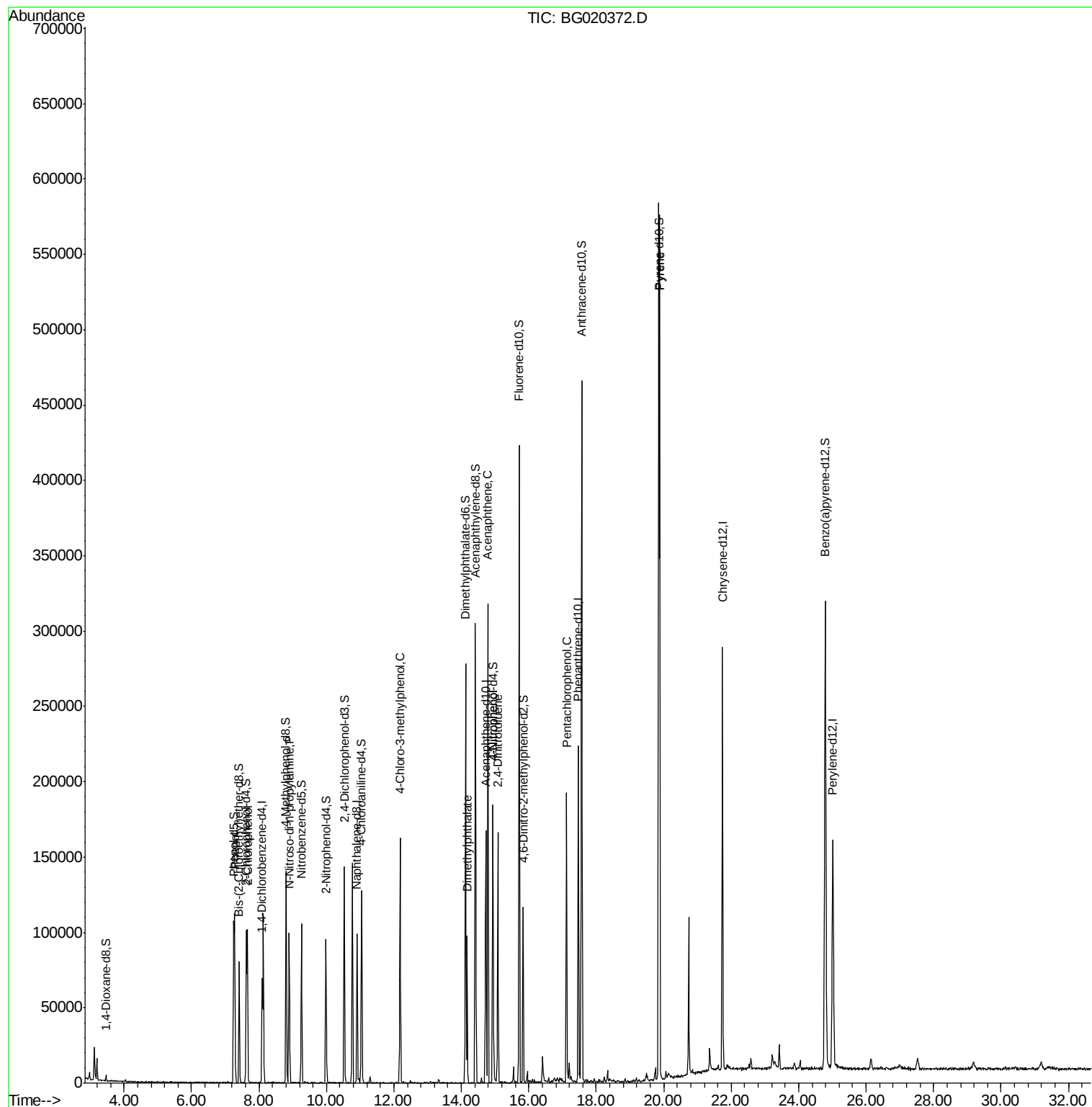
						Ovalue
6) Phenol	7.28	94	60954	33.02	ng/ul	97
10) 2-Chlorophenol	7.66	128	45189	34.41	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.90	70	38829	31.77	ng/ul	96
33) 4-Chloro-3-methylphenol	12.18	107	61998	33.40	ng/ul	94
45) Dimethylphthalate	14.17	163	65547	12.94	ng/ul	98
50) Acenaphthene	14.79	153	137006	33.21	ng/ul	97
53) 4-Nitrophenol	14.94	109	27199	31.78	ng/ul	94
55) 2,4-Dinitrotoluene	15.08	165	52711	34.27	ng/ul	93
69) Pentachlorophenol	17.12	266	38197	34.32	ng/ul	96
80) Pyrene	19.88	202	370382	32.95	ng/ul	98

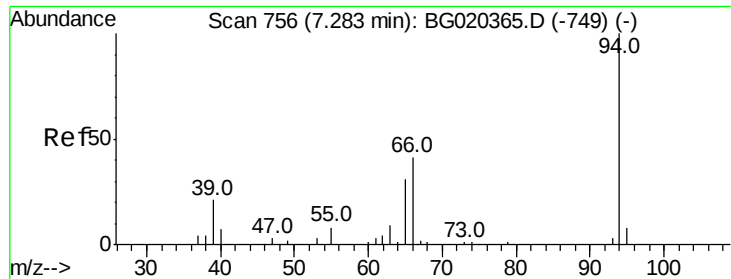
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 33.02 ng/ul

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG020372.D

Acq: 21 Dec 2015 10:18

Instrument :

BNA_G

ClientSampleId :

D9N67MS

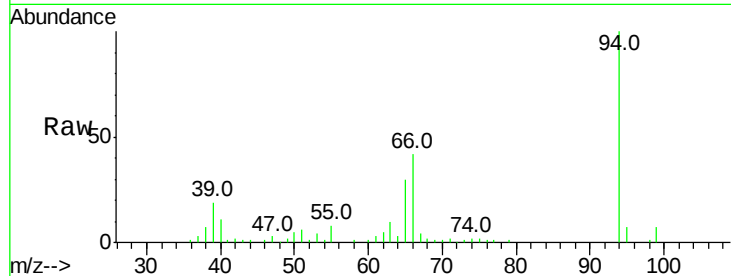
Tot Ion: 94 Resp: 60954

Ion Ratio Lower Upper

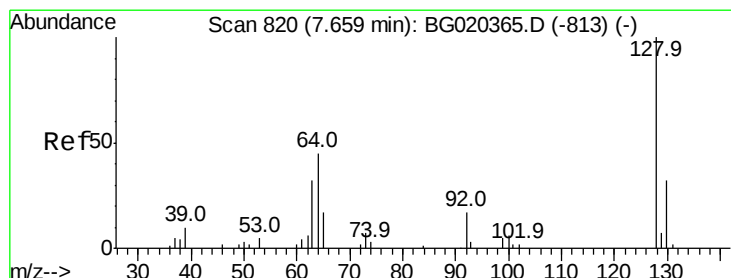
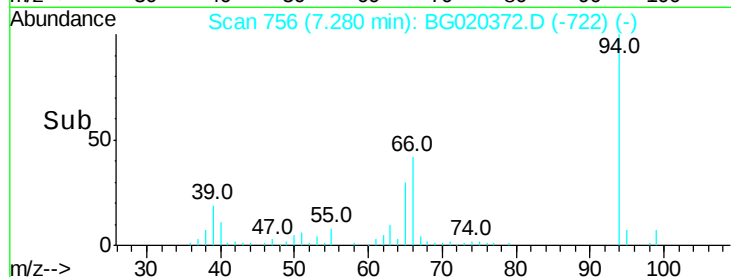
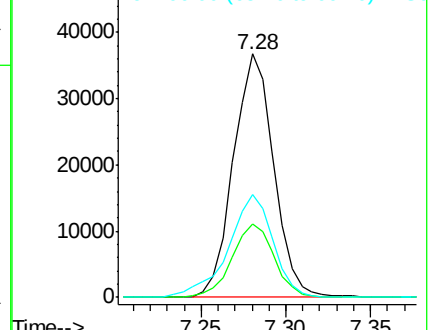
94 100

65 30.0 26.3 39.5

66 42.4 33.3 49.9



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: 34.41 ng/ul

RT: 7.66 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG020372.D

Acq: 21 Dec 2015 10:18

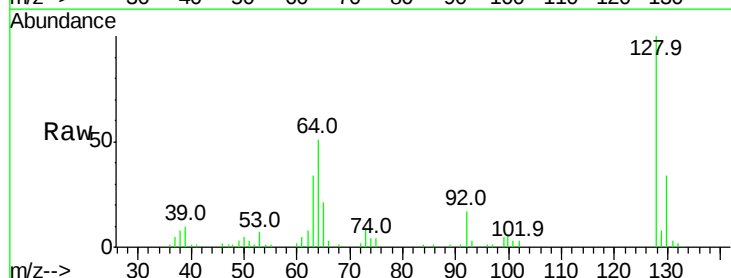
Tgt Ion:128 Resp: 45189

Ion Ratio Lower Upper

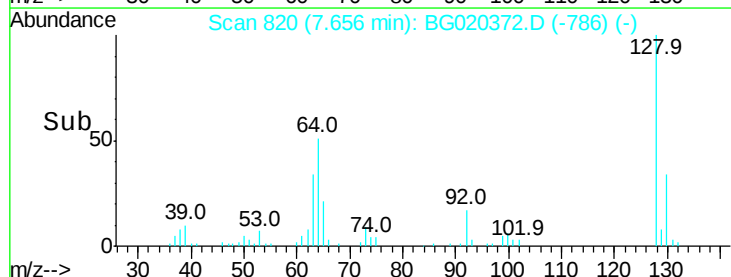
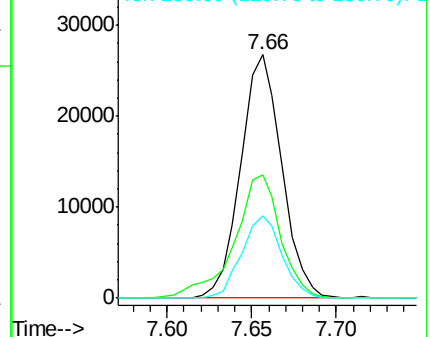
128 100

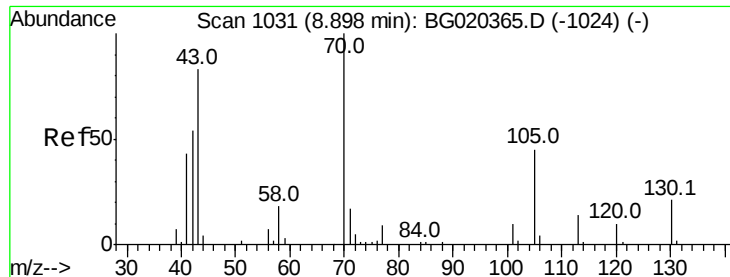
64 50.6 39.4 59.0

130 33.8 24.6 36.8



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: 31.77 ng/ul

RT: 8.90 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BG020372.D

Acq: 21 Dec 2015 10:18

Instrument :

BNA_G

ClientSampleId :

D9N67MS

Tot Ion: 70 Resp: 38829

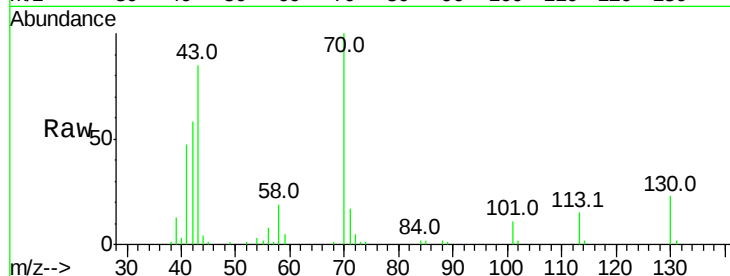
Ion Ratio Lower Upper

70 100

42 58.2 44.3 66.5

101 10.8 7.6 11.4

130 22.6 17.0 25.4

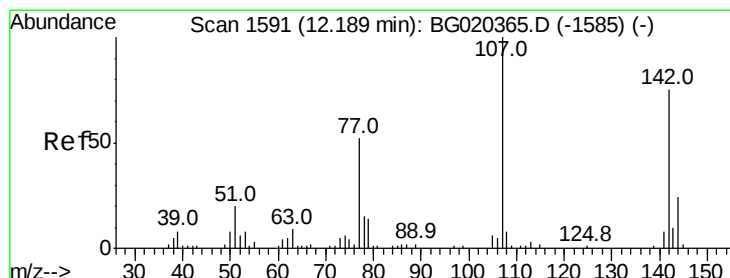
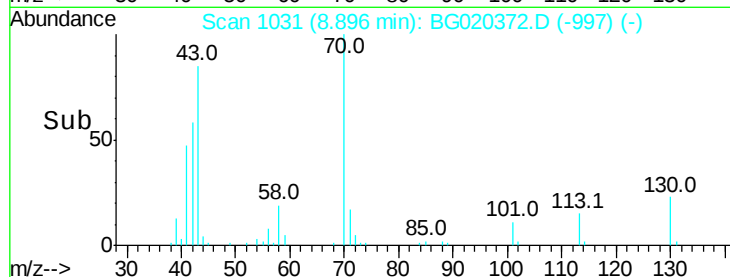
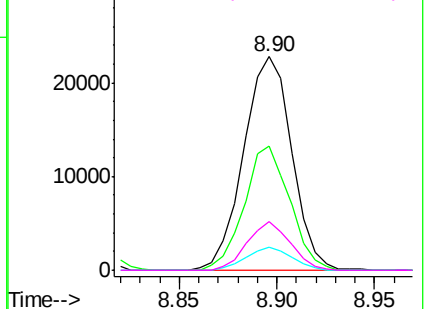


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 33.40 ng/ul

RT: 12.18 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BG020372.D

Acq: 21 Dec 2015 10:18

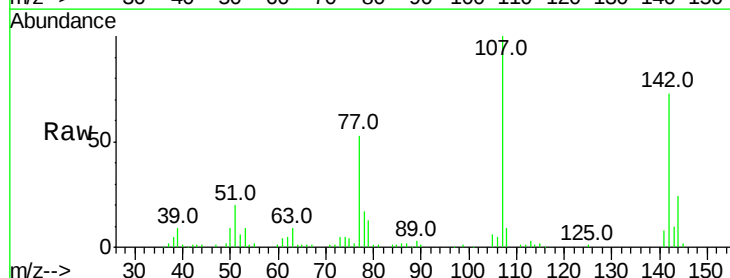
Tgt Ion: 107 Resp: 61998

Ion Ratio Lower Upper

107 100

144 23.7 18.7 28.1

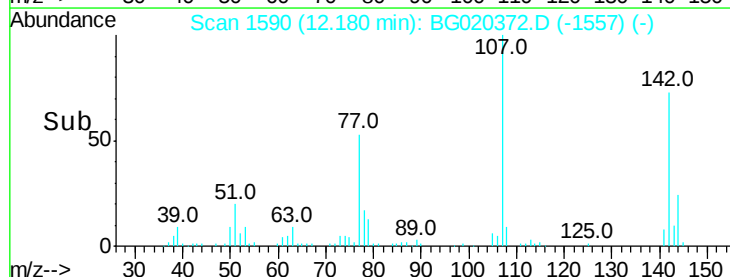
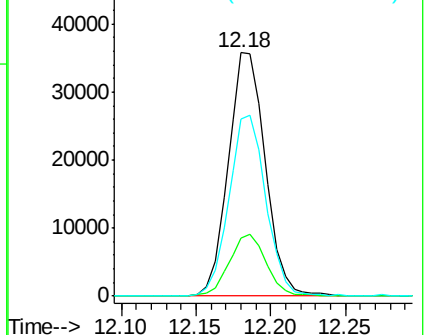
142 72.6 52.8 79.2

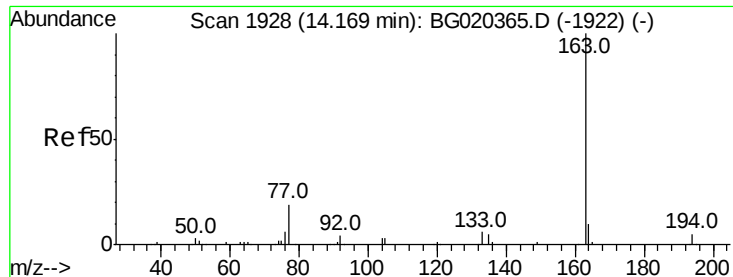


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 144.00 (143.70 to 144.70): BGC

Ion 142.00 (141.70 to 142.70): BGC





#45

Dimethylphthalate

Concen: 12.94 ng/ul

RT: 14.17 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG020372.D

Acq: 21 Dec 2015 10:18

Instrument :

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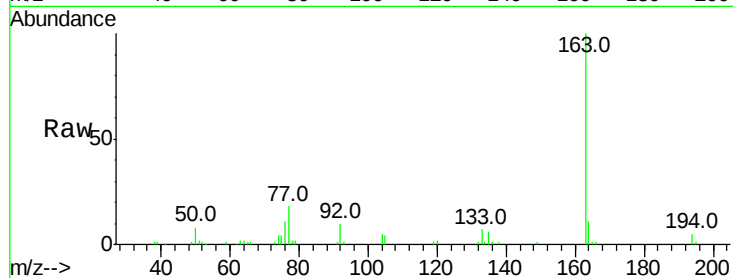
Tot Ion:163 Resp: 65547

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

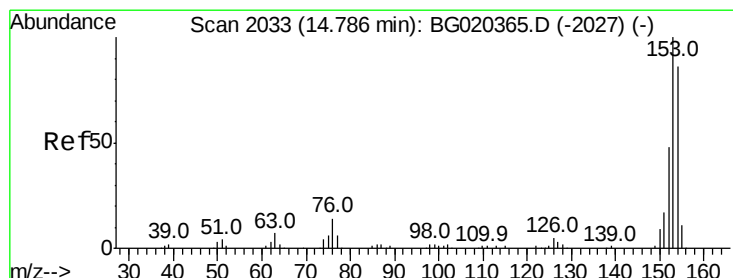
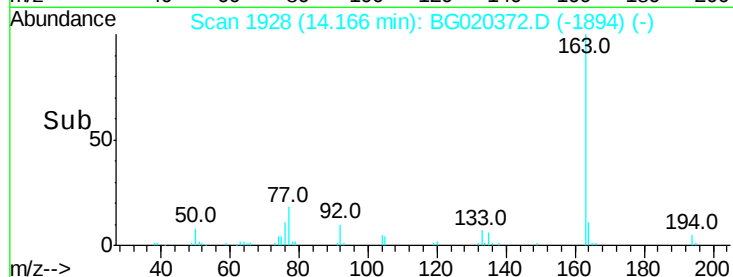
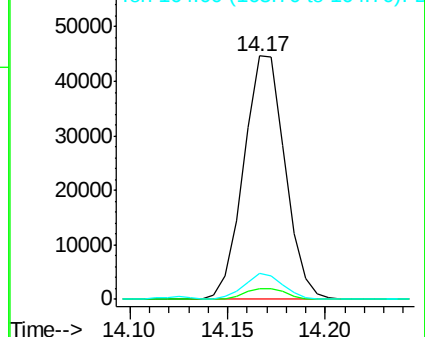
164 10.8 7.7 11.5



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



#50

Acenaphthene

Concen: 33.21 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BG020372.D

Acq: 21 Dec 2015 10:18

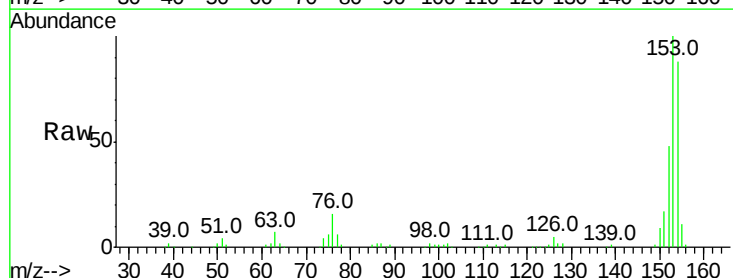
Tgt Ion:153 Resp: 137006

Ion Ratio Lower Upper

153 100

152 47.9 37.6 56.4

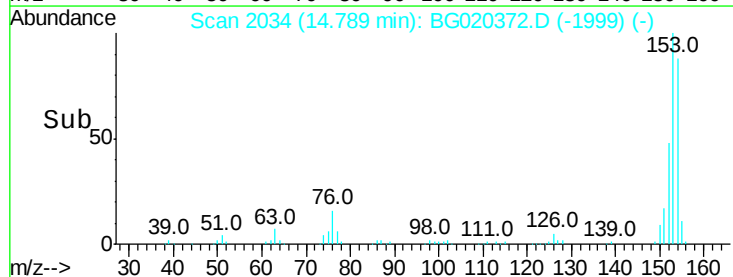
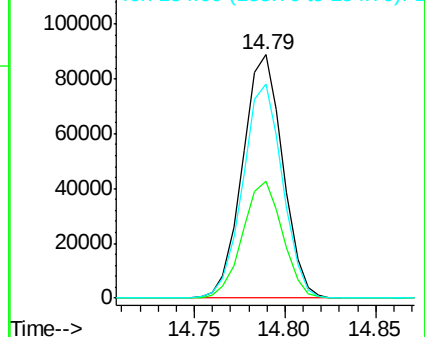
154 87.9 67.9 101.9

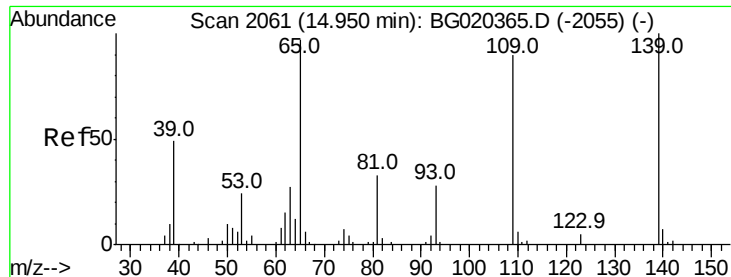


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

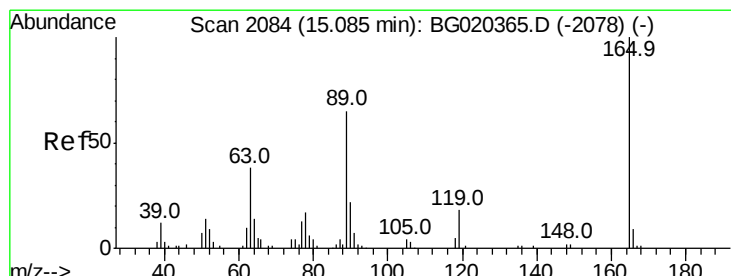
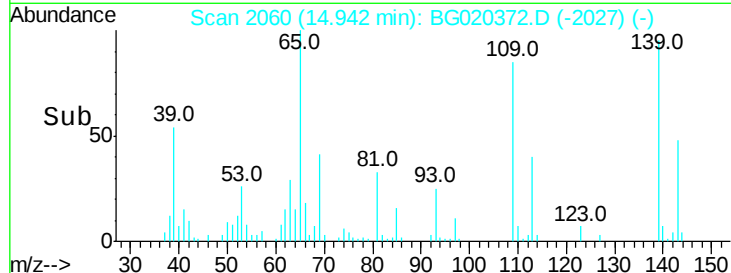
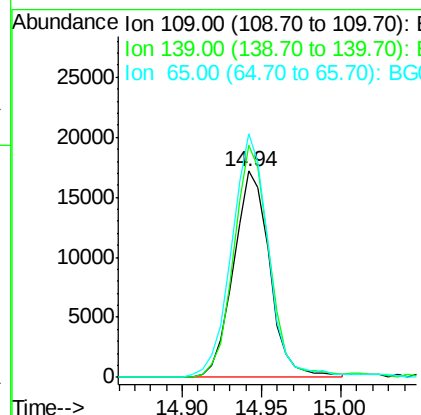
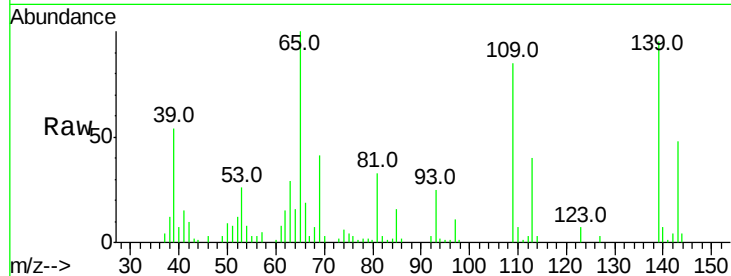




#53
 4-Nitrophenol
 Concen: 31.78 ng/ul
 RT: 14.94 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BG020372.D
 Acq: 21 Dec 2015 10:18

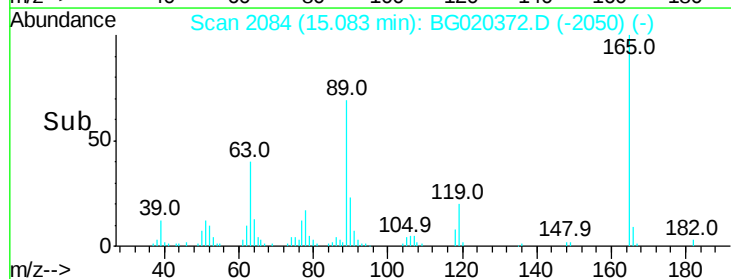
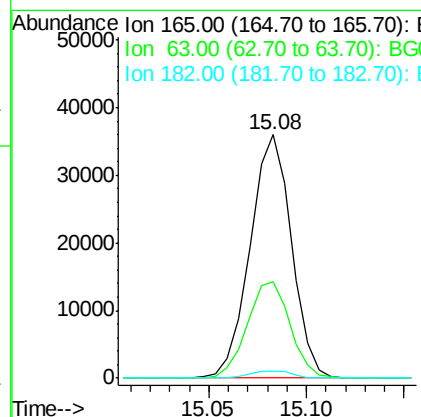
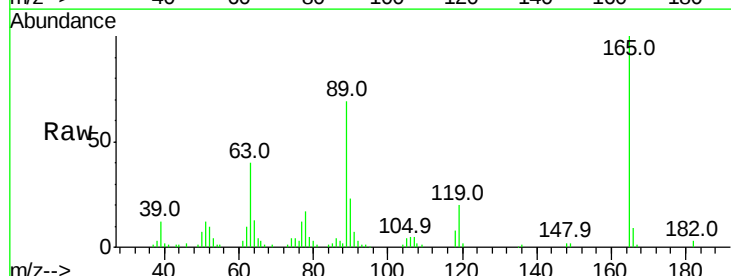
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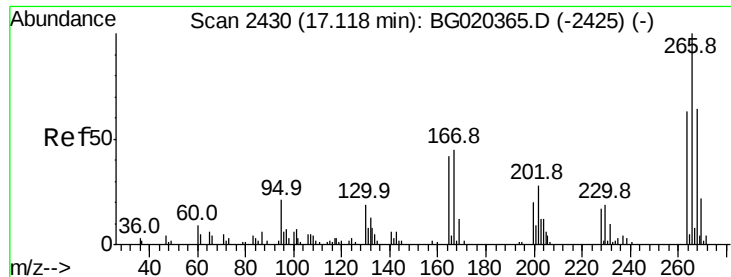
Tot Ion	Ratio	Lower	Upper
109	100		
139	112.6	80.5	120.7
65	118.0	93.4	140.2



#55
 2,4-Dinitrotoluene
 Concen: 34.27 ng/ul
 RT: 15.08 min Scan# 2084
 Delta R.T. -0.00 min
 Lab File: BG020372.D
 Acq: 21 Dec 2015 10:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.6	35.8	53.8
182	2.5	2.2	3.2

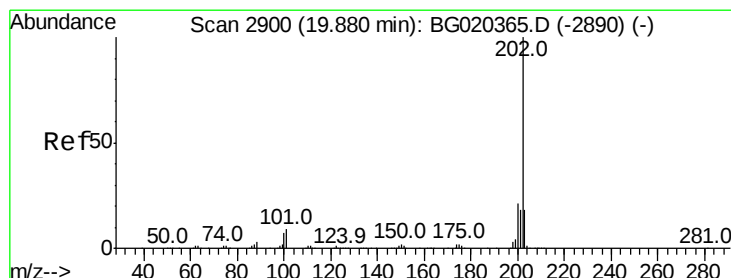
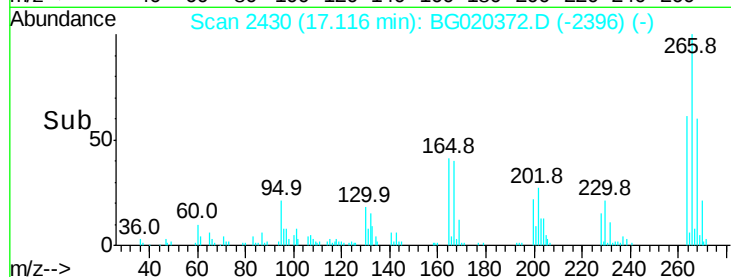
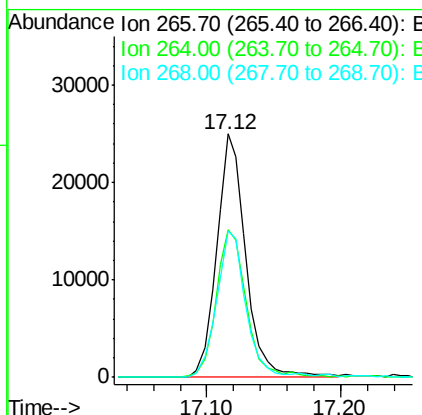
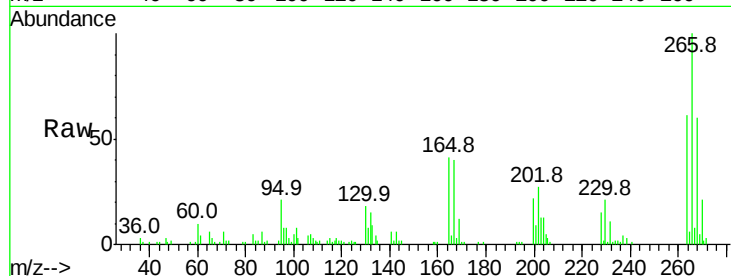




#69
 Pentachlorophenol
 Concen: 34.32 ng/ul
 RT: 17.12 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG020372.D
 Acq: 21 Dec 2015 10:18

Instrument :
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Tot Ion	Ratio	Lower	Upper
266	100		
264	60.7	52.2	78.2
268	60.4	49.3	73.9



#80
 Pyrene
 Concen: 32.95 ng/ul
 RT: 19.88 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: BG020372.D
 Acq: 21 Dec 2015 10:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.0	10.4
100	6.9	6.4	9.6

