

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032116\
 Data File : BG021460.D
 Acq On : 22 Mar 2016 1:40
 Operator : UM/SJ
 Sample : H1835-17MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T28MSD

Manual Integrations
 APPROVED

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Quant Time: Mar 22 04:05:46 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 22 01:42:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	9977	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	47695	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	30229	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	70962	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	84794	20.00	ng/ul	-0.01
86) Perylene-d12	24.90	264	81576	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	278m	1.25	ng/uL	0.00
5) Phenol-d5	7.34	99	6790	7.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	15342	27.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	16292	22.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	15318	18.96	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	11082	30.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	12119	29.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	19882	27.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	1571	1.64	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	80434	31.96	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	97424	31.40	ng/ul	0.00
52) 4-Nitrophenol-d4	15.08	143	2688	6.68	ng/ul	0.02
58) Fluorene-d10	15.67	176	70683	31.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	12223	26.07	ng/ul	0.00
71) Anthracene-d10	17.52	188	117233	33.71	ng/ul	0.00
79) Pyrene-d10	19.80	212	137576	34.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	144572	38.40	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.36	94	7134	7.15	ng/ul	91
10) 2-Chlorophenol	7.68	128	16503	22.42	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.87	70	21062	28.82	ng/ul#	97
33) 4-Chloro-3-methylphenol	12.24	107	23306	25.14	ng/ul#	93
50) Acenaphthene	14.75	153	64343	30.35	ng/ul	100
53) 4-Nitrophenol	15.10	109	2855	6.84	ng/ul	87
55) 2,4-Dinitrotoluene	15.05	165	23645	30.22	ng/ul	86
69) Pentachlorophenol	17.09	266	7959	34.42	ng/ul	98
80) Pyrene	19.83	202	170766	33.80	ng/ul#	93

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

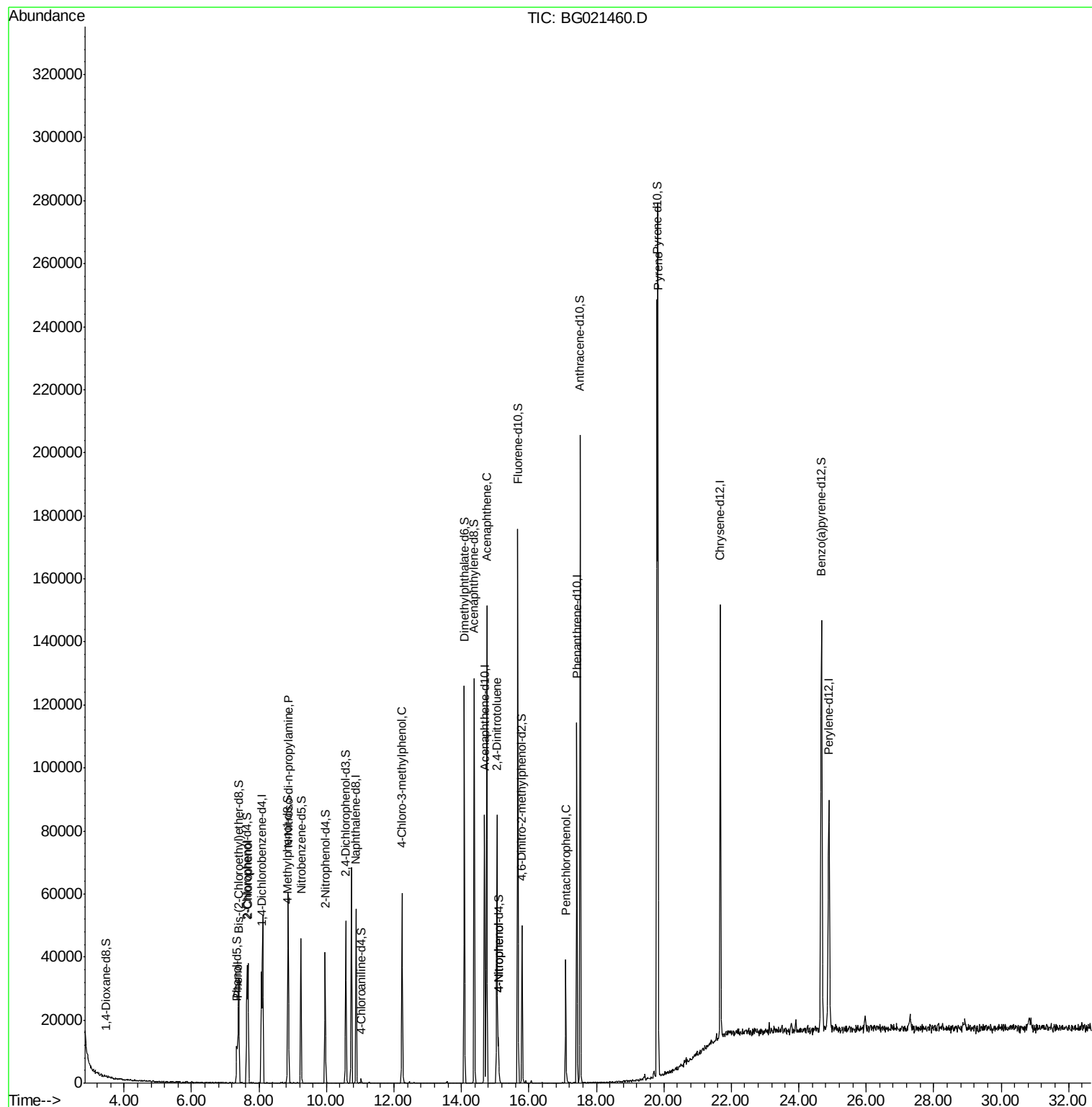
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032116\
Data File : BG021460.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

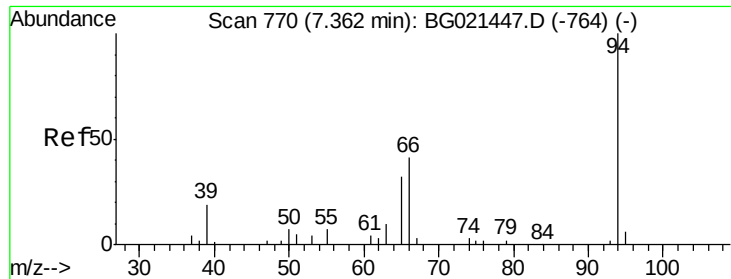
Instrument :
BNA_G
ClientSampleId :
A4T28MSD

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Quant Time: Mar 22 04:05:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 22 01:42:49 2016
Response via : Initial Calibration





#6

Phenol

Concen: 7.15 ng/ul

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG021460.D

Acq: 22 Mar 2016 1:40

Instrument :

BNA_G

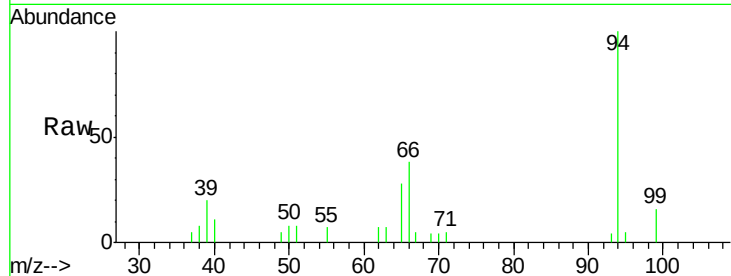
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A4T28MSD

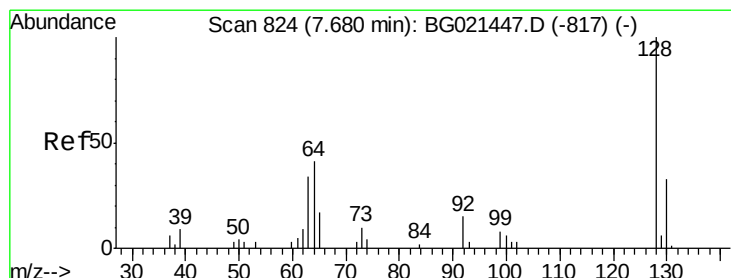
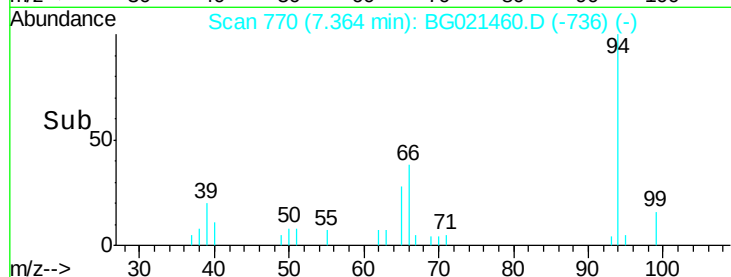
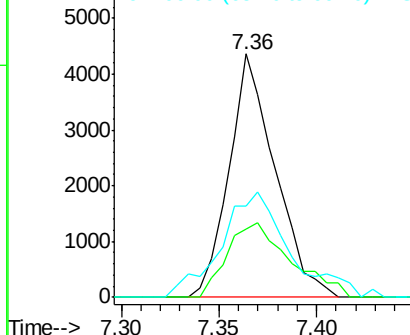
Tgt Ion:	94	Resp:	7134
Ion	Ratio	Lower	Upper
94	100		
65	28.2	26.1	39.1
66	37.6	35.0	52.4

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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: 22.42 ng/ul

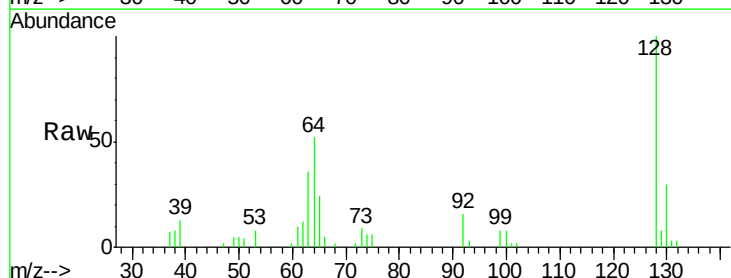
RT: 7.68 min Scan# 823

Delta R.T. -0.00 min

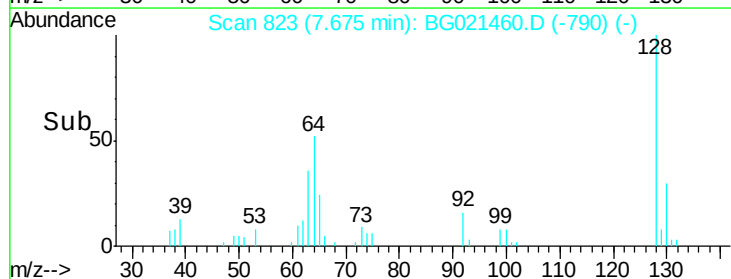
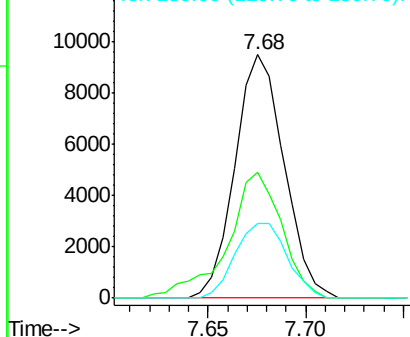
Lab File: BG021460.D

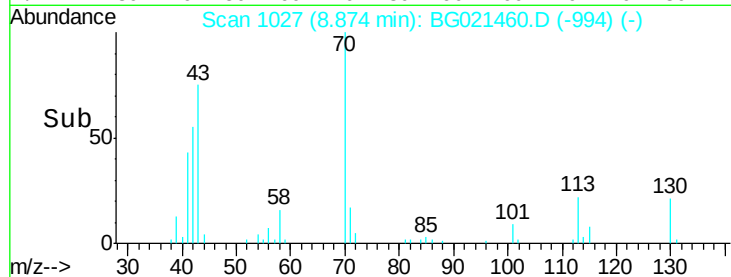
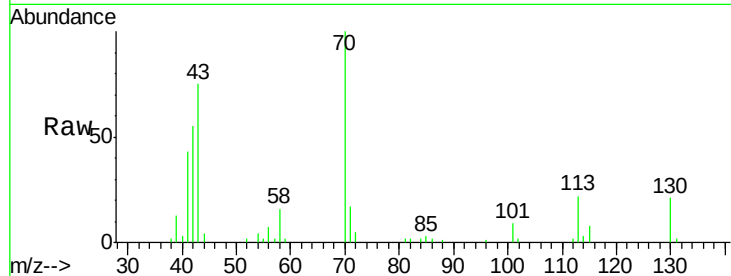
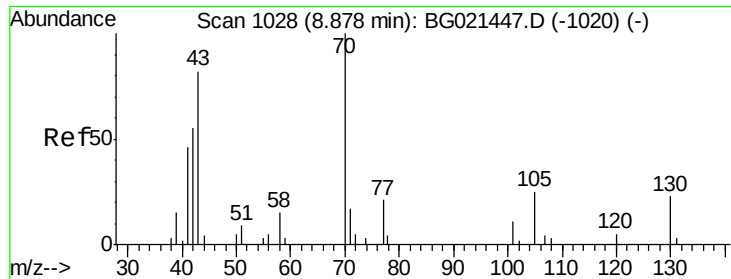
Acq: 22 Mar 2016 1:40

Tgt Ion:	128	Resp:	16503
Ion	Ratio	Lower	Upper
128	100		
64	51.7	47.0	70.6
130	30.4	27.8	41.6



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





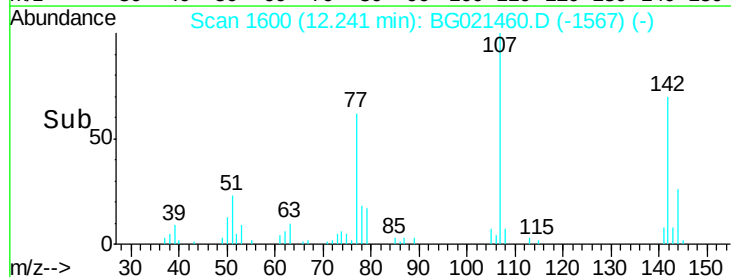
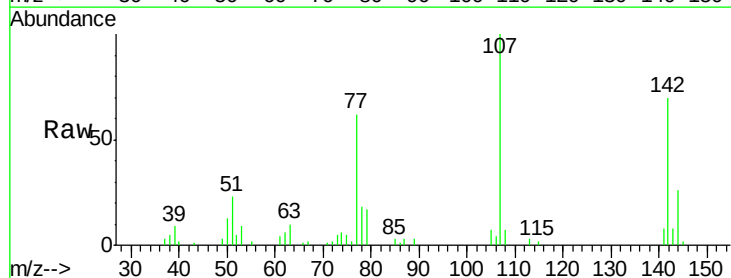
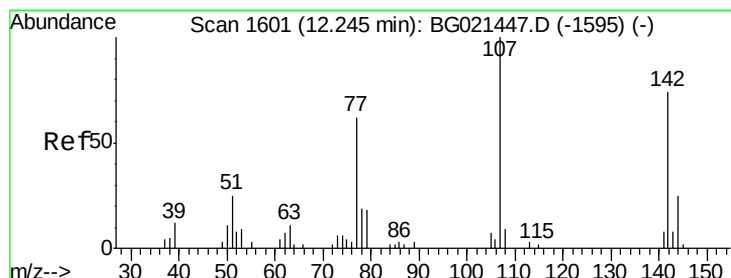
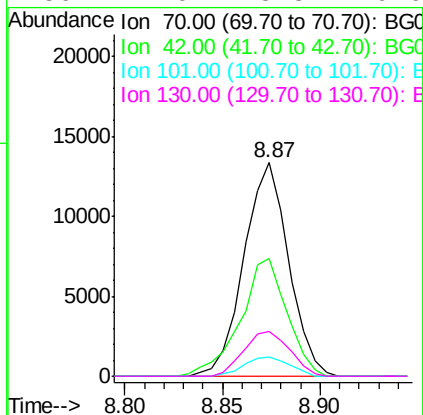
#15
N-Nitroso-di-n-propylamine
Concen: 28.82 ng/ul
RT: 8.87 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG021460.D
Acq: 22 Mar 2016 1:40

Instrument :
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ClientSampleId :
A4T28MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.9	43.4	65.0
101	9.2	6.5	9.7
130	21.0	13.8	20.6

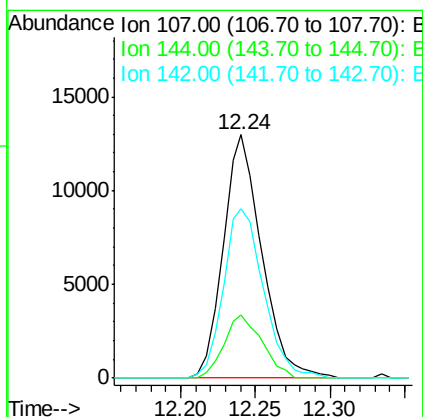
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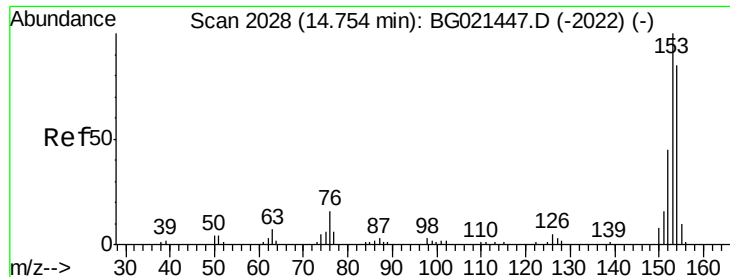
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#33
4-Chloro-3-methylphenol
Concen: 25.14 ng/ul
RT: 12.24 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG021460.D
Acq: 22 Mar 2016 1:40

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	17.2	25.8
142	69.6	52.0	78.0





#50

Acenaphthene

Concen: 30.35 ng/ul

RT: 14.75 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BG021460.D

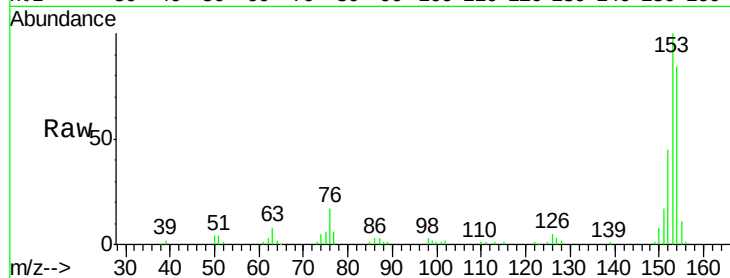
Acq: 22 Mar 2016 1:40

Instrument :

BNA_G

ClientSampled :

A4T28MSD



Tgt Ion:153 Resp: 64343

Ion Ratio Lower Upper

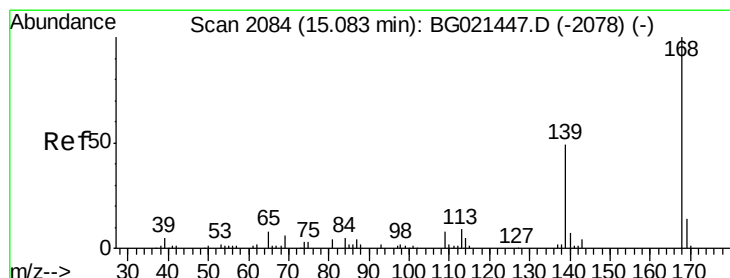
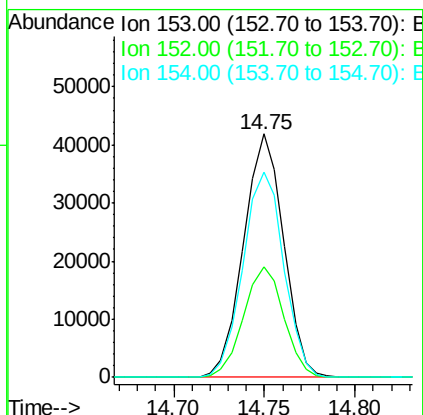
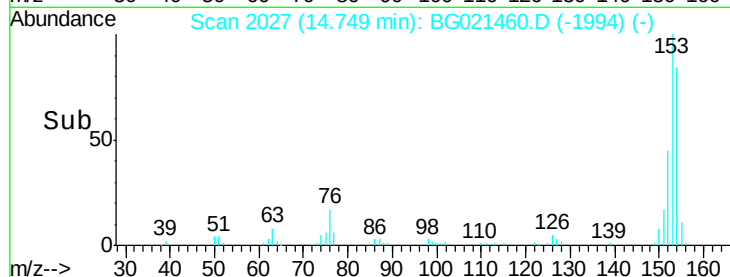
153 100

152 45.3 36.5 54.7

154 84.3 67.3 100.9

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#53

4-Nitrophenol

Concen: 6.84 ng/ul

RT: 15.10 min Scan# 2086

Delta R.T. 0.01 min

Lab File: BG021460.D

Acq: 22 Mar 2016 1:40

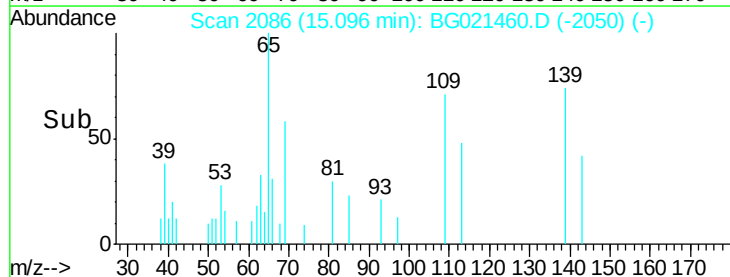
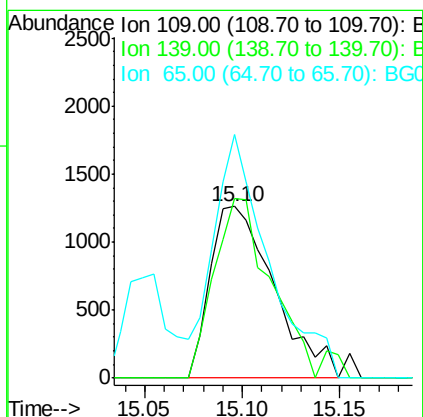
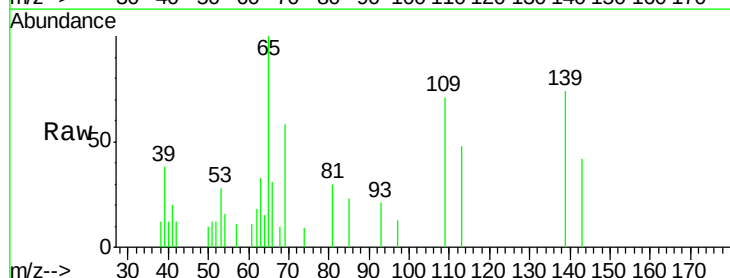
Tgt Ion:109 Resp: 2855

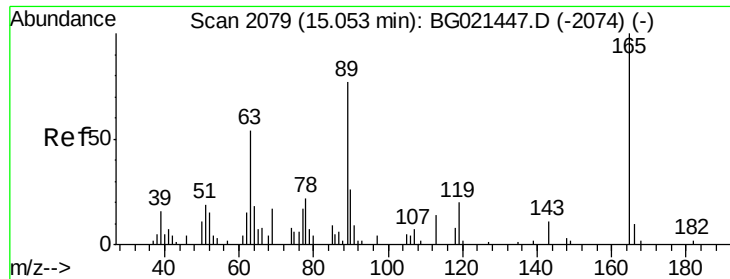
Ion Ratio Lower Upper

109 100

139 104.3 75.9 113.9

65 141.8 99.8 149.8





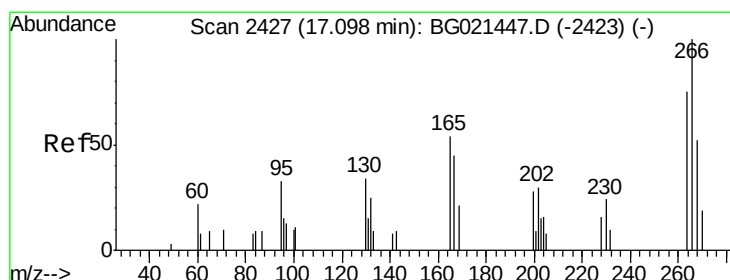
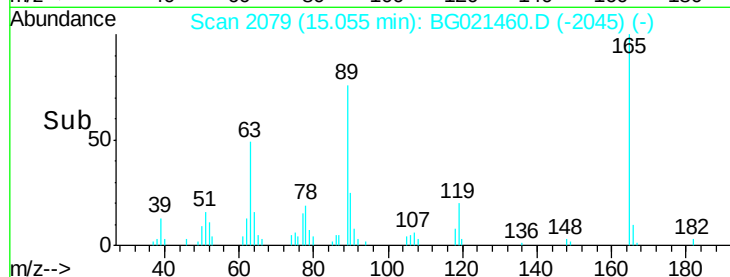
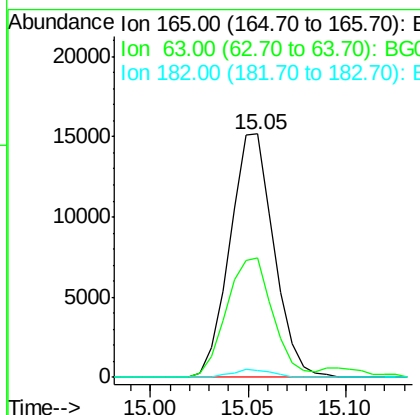
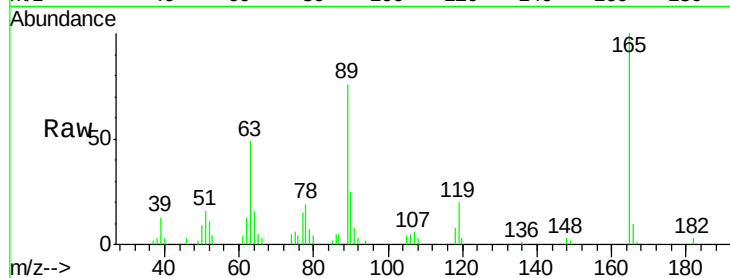
#55
 2,4-Dinitrotoluene
 Concen: 30.22 ng/ul
 RT: 15.05 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: BG021460.D
 Acq: 22 Mar 2016 1:40

Instrument :
 BNA_G
 ClientSampleId :
 A4T28MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	23645		
63	49.1	48.1	72.1	
182	2.6	2.2	3.2	

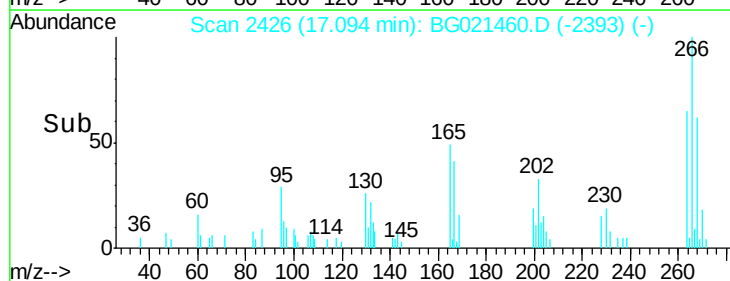
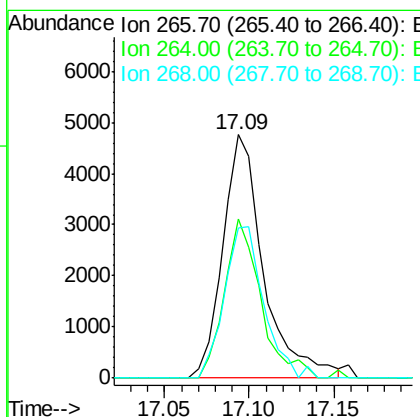
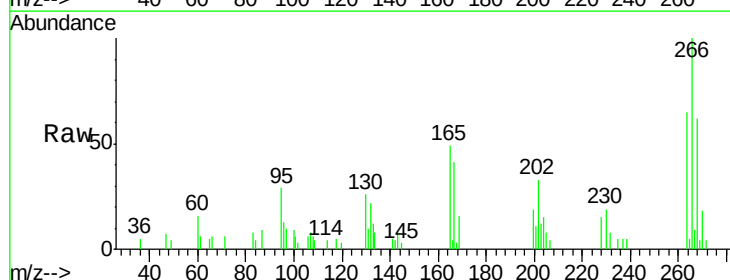
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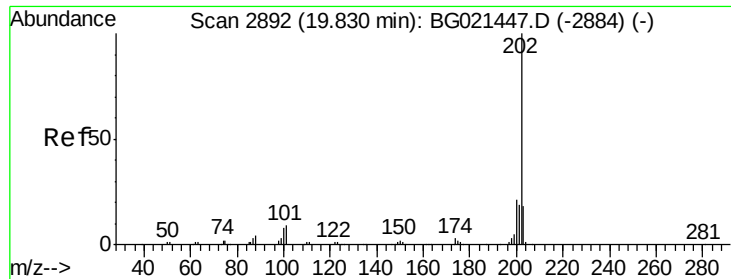
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#69
 Pentachlorophenol
 Concen: 34.42 ng/ul
 RT: 17.09 min Scan# 2426
 Delta R.T. -0.00 min
 Lab File: BG021460.D
 Acq: 22 Mar 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	7959		
264	69.7	56.7	85.1	
268	65.6	50.6	76.0	





#80
 Pyrene
 Concen: 33.80 ng/ul
 RT: 19.83 min Scan# 2891
 Delta R.T. -0.00 min
 Lab File: BG021460.D
 Acq: 22 Mar 2016 1:40

Instrument :
 BNA_G
 ClientSampleId :
 A4T28MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		170766		
101	9.6	9.8	14.8#		
100	9.1	9.3	13.9#		

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