

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
 Data File : BG026852.D
 Acq On : 3 May 2017 15:27
 Operator : SJ/MA
 Sample : I2871-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 YAB17MSD

Manual Integrations
 APPROVED

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Quant Time: May 04 01:15:13 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 00:50:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	159083	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	806738	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	446894	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	837243	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	762106	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	786049	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	21003	5.95	ng/uL	0.00
5) Phenol-d5	7.18	99	512806	36.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	289094	34.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	401228	33.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	414775	35.20	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	210975	31.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	237023m	32.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	374076m	32.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	561172	35.97	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	1140654	31.71	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	1503600	33.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.83	143	188649	29.10	ng/ul	0.00
57) Fluorene-d10	15.61	176	961807	30.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	129021	25.38	ng/ul	0.00
70) Anthracene-d10	17.45	188	1357010	33.40	ng/ul	0.00
76) Pyrene-d10	19.73	212	1310615	32.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	1228142	33.05	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.21	94	538362	37.41	ng/ul#	75
10) 2-Chlorophenol	7.58	128	396357	33.42	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.81	70	308003	36.07	ng/ul#	73
33) 4-Chloro-3-methylphenol	12.09	107	471558	37.42	ng/ul	85
44) Dimethylphthalate	14.06	163	395184	11.22	ng/ul	99
49) Acenaphthene	14.68	153	1059471	33.09	ng/ul	97
52) 4-Nitrophenol	14.85	109	119653	31.47	ng/ul#	29
54) 2,4-Dinitrotoluene	14.98	165	342127	32.17	ng/ul#	78
68) Pentachlorophenol	17.01	266	147217	35.83	ng/ul	92
77) Pyrene	19.76	202	1677019	32.80	ng/ul#	72

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

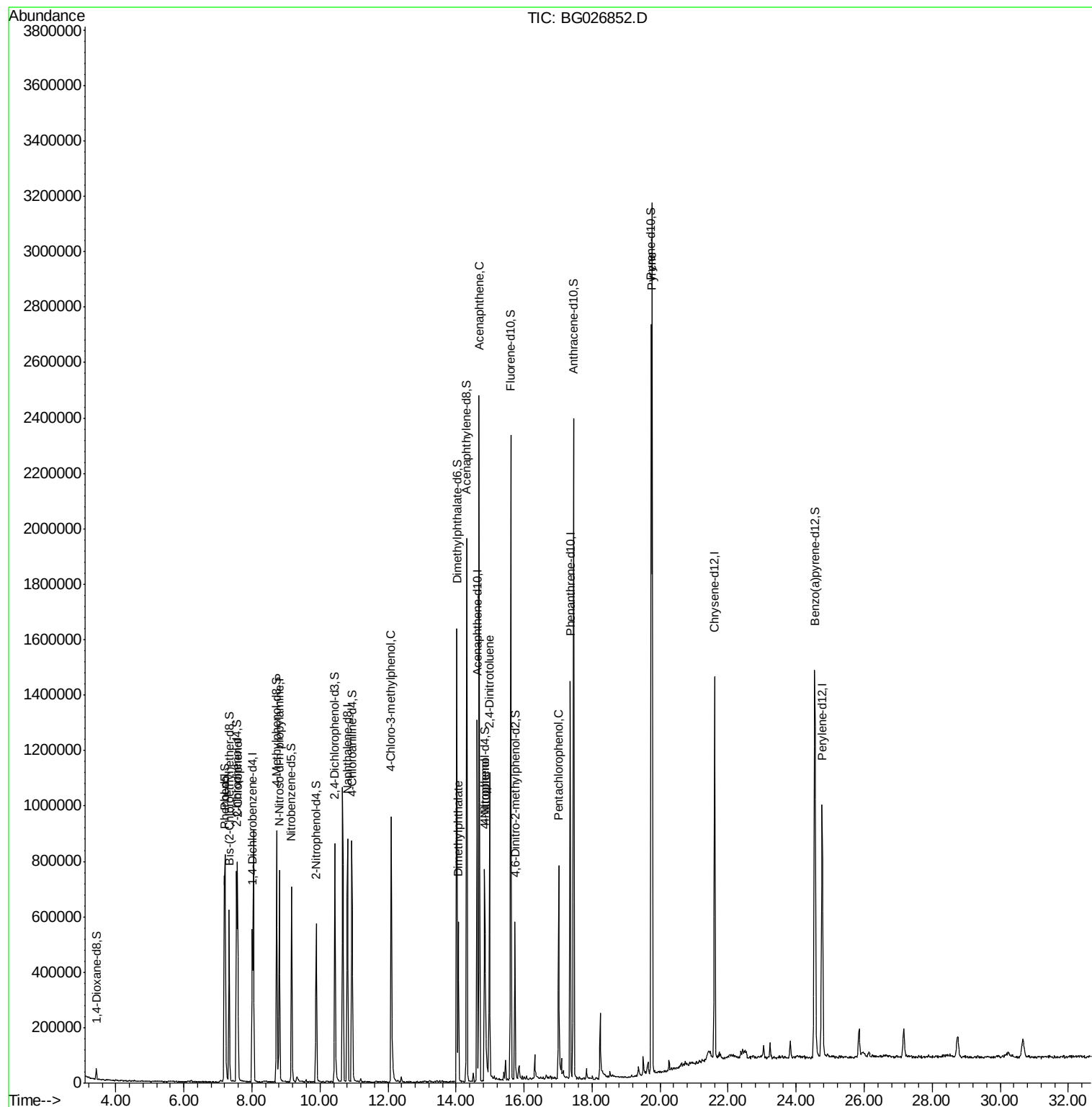
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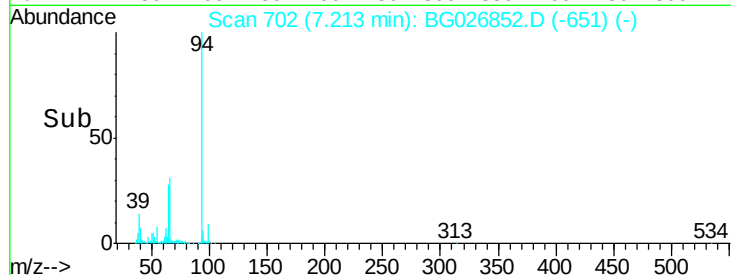
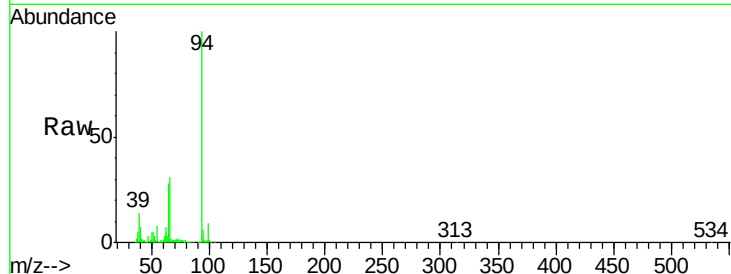
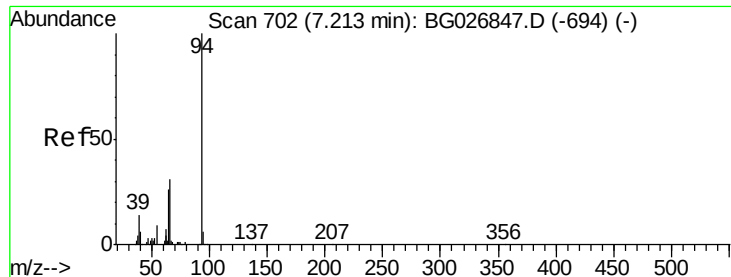
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 04 00:50:13 2017
Response via : Initial Calibration





#6

Phenol

Concen: 37.41 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG026852.D

Acq: 3 May 2017 15:27

Tgt Ion:	94	Resp:	538362
Ion Ratio	Lower	Upper	
94	100		
65	27.7	26.8	40.2
66	31.1	44.4	66.6#

Instrument :

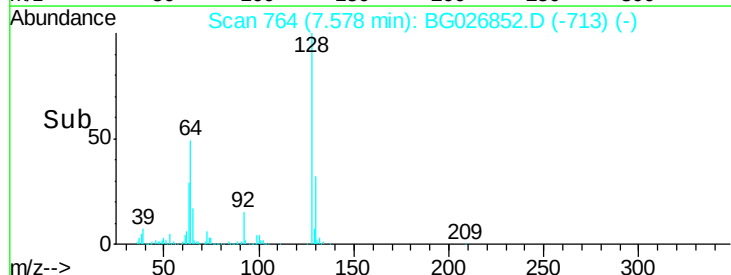
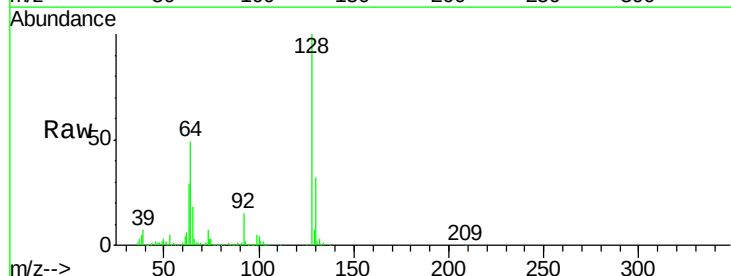
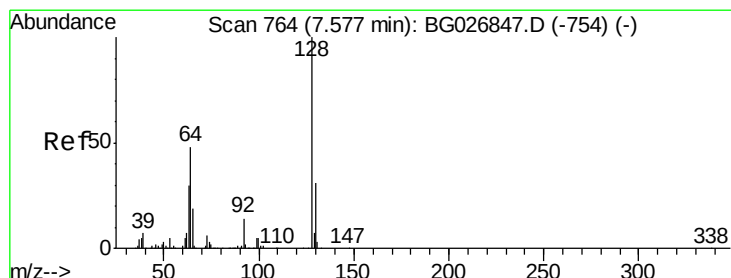
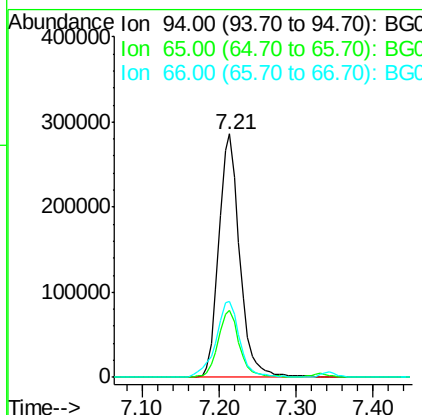
BNA_G

ClientSampleId :

YAB17MSD

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#10

2-Chlorophenol

Concen: 33.42 ng/ul

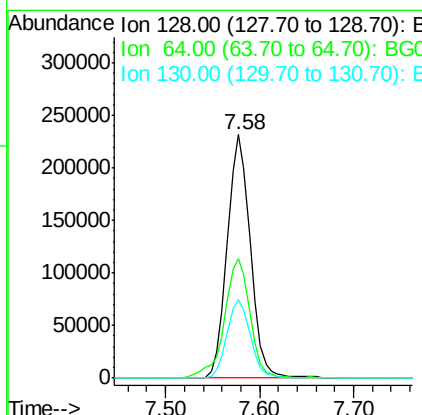
RT: 7.58 min Scan# 764

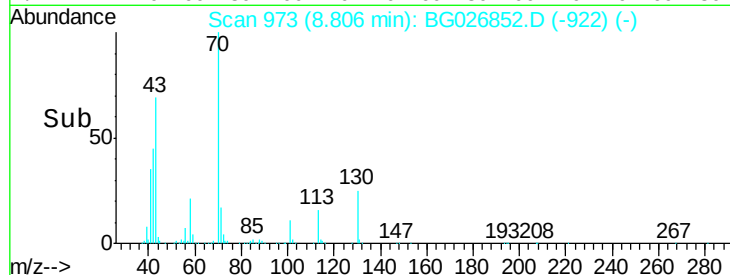
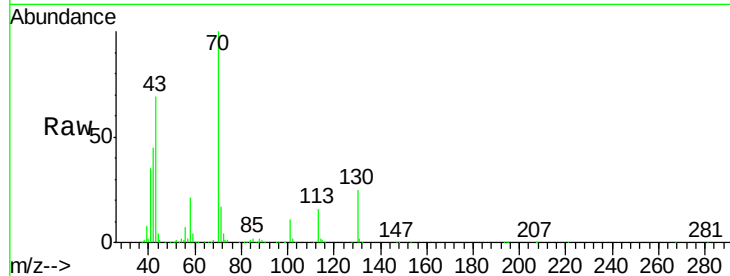
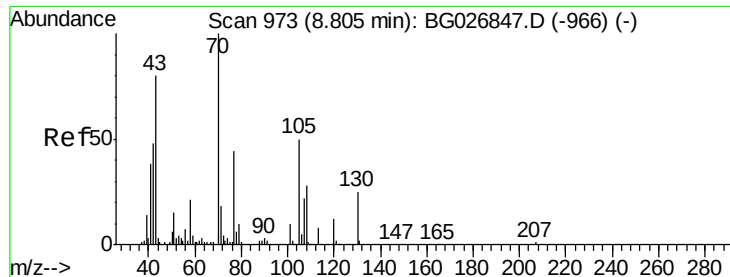
Delta R.T. 0.00 min

Lab File: BG026852.D

Acq: 3 May 2017 15:27

Tgt Ion:	128	Resp:	396357
Ion Ratio	Lower	Upper	
128	100		
64	49.0	56.3	84.5#
130	32.0	26.7	40.1





#15

N-Nitroso-di-n-propylamine

Concen: 36.07 ng/ul

RT: 8.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BG026852.D

Acq: 3 May 2017 15:27

Instrument :

BNA_G

ClientSampleId :

YAB17MSD

Tgt Ion: 70 Resp: 308003

Ion Ratio Lower Upper

70 100

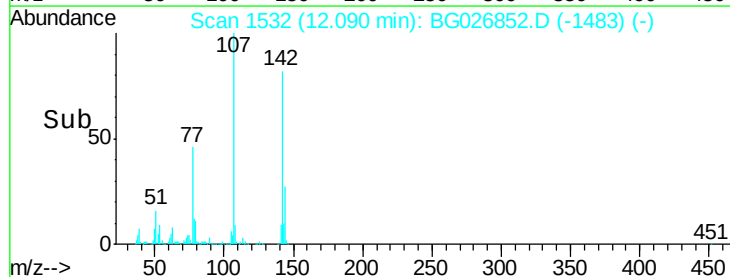
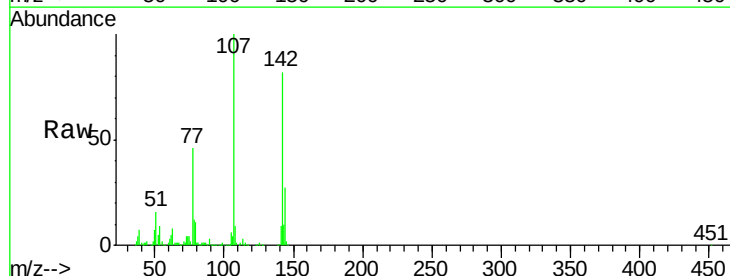
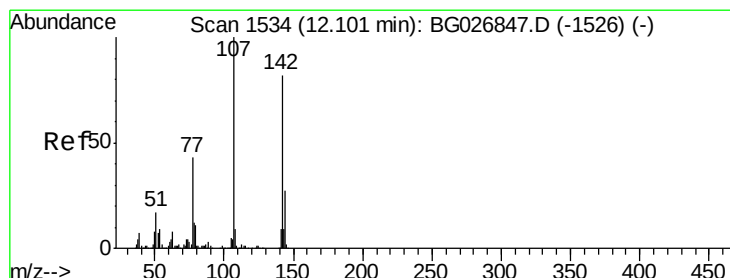
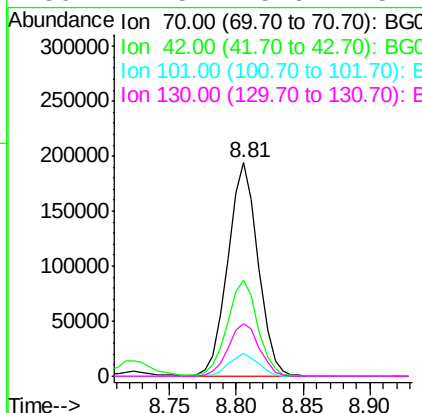
42 45.3 59.0 88.6#

101 10.8 6.6 9.8#

130 24.5 15.6 23.4#

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#33

4-Chloro-3-methylphenol

Concen: 37.42 ng/ul

RT: 12.09 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BG026852.D

Acq: 3 May 2017 15:27

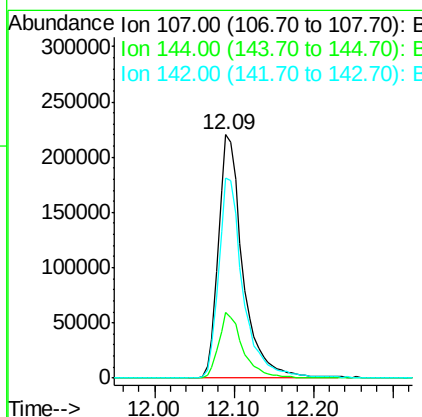
Tgt Ion: 107 Resp: 471558

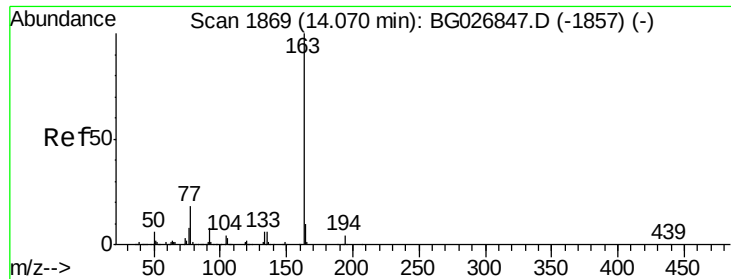
Ion Ratio Lower Upper

107 100

144 26.8 18.2 27.4

142 82.2 55.0 82.4





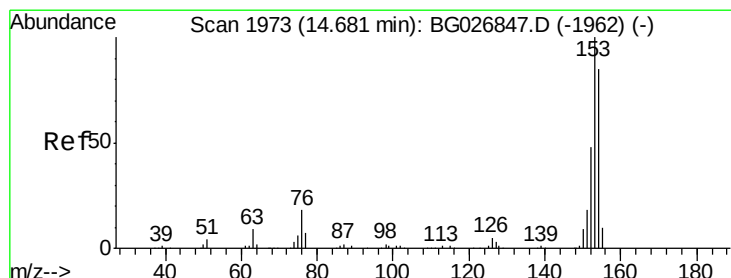
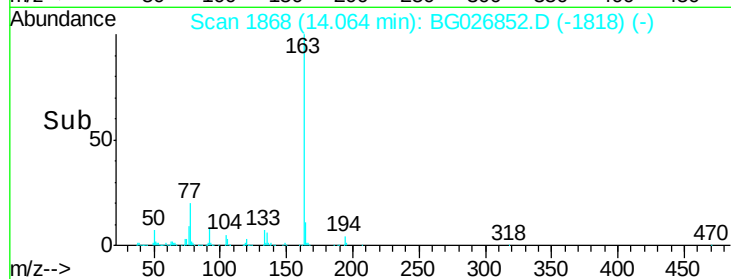
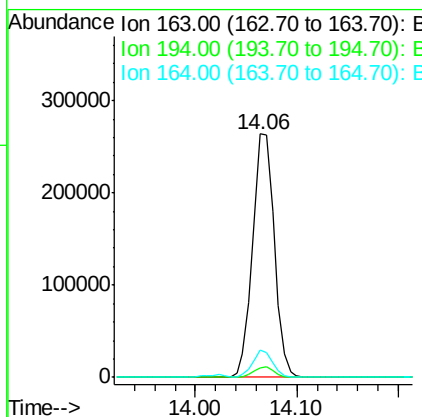
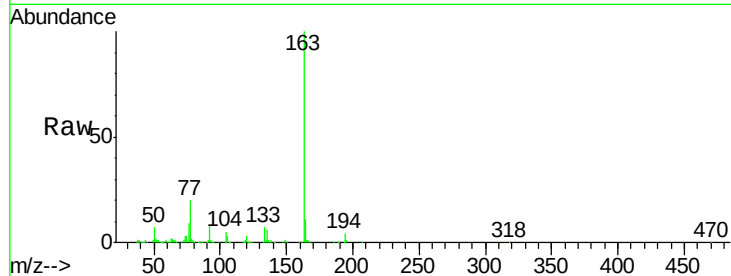
#44
Dimethylphthalate
Concen: 11.22 ng/ul
RT: 14.06 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BG026852.D
Acq: 3 May 2017 15:27

Instrument :
BNA_G
ClientSampleId :
YAB17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	395184		
194	3.7		3.4	5.0
164	11.3		9.0	13.4

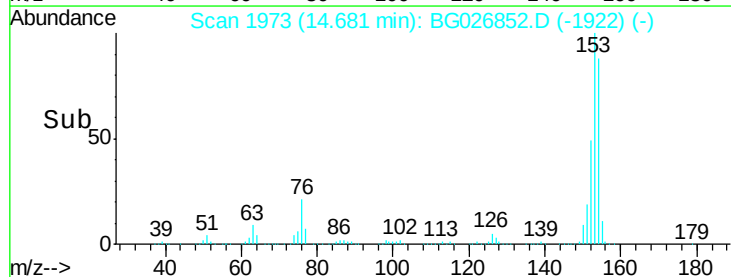
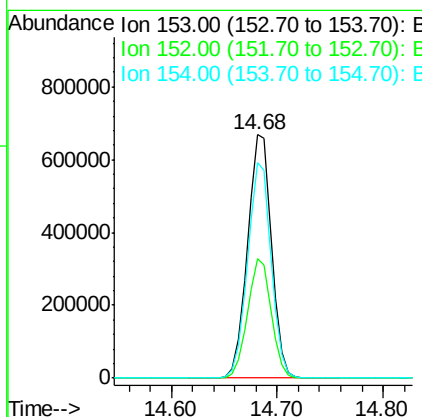
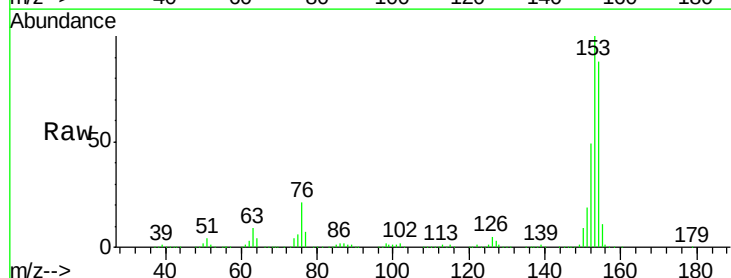
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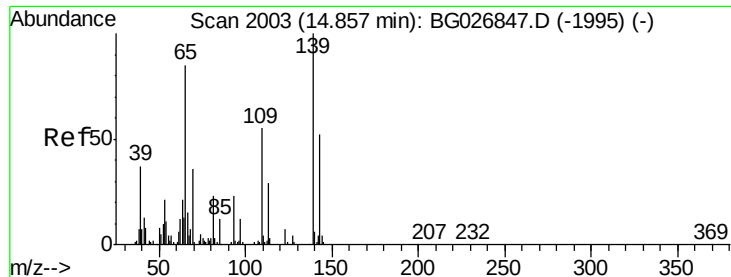
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#49
Acenaphthene
Concen: 33.09 ng/ul
RT: 14.68 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG026852.D
Acq: 3 May 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	1059471		
152	49.0		36.5	54.7
154	88.4		72.3	108.5





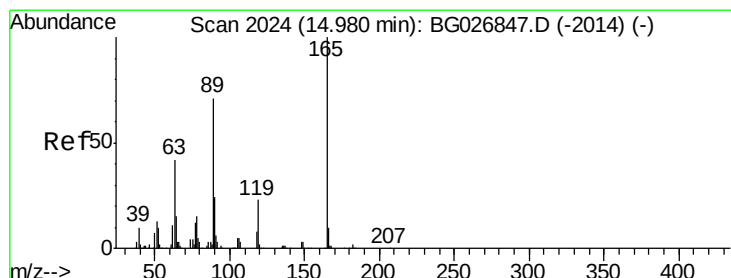
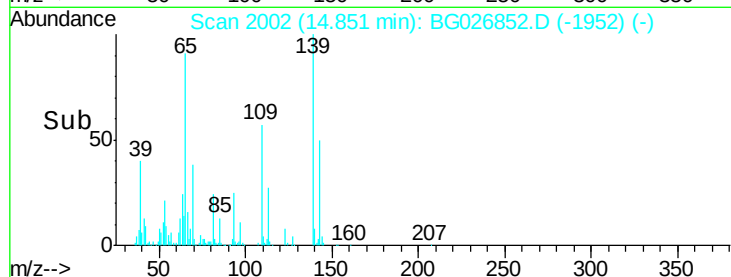
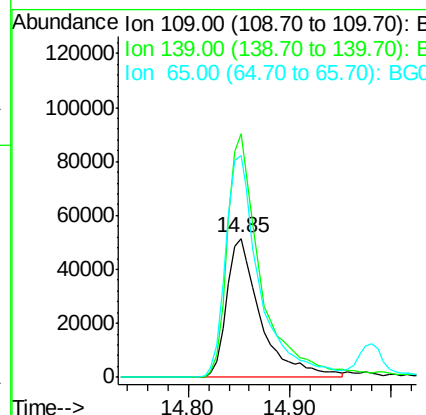
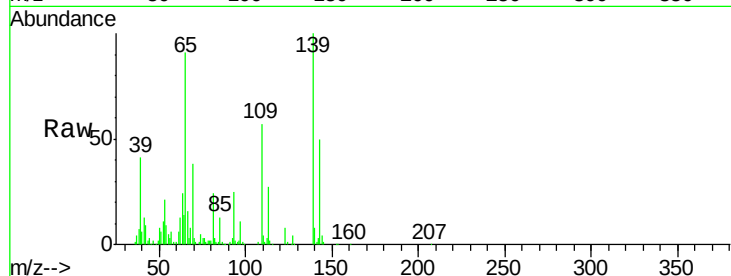
#52
4-Nitrophenol
Concen: 31.47 ng/ul
RT: 14.85 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG026852.D
Acq: 3 May 2017 15:27

Instrument :
BNA_G
ClientSampleId :
YAB17MSD

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	119653		
139	175.5	62.6	93.8#	
65	159.5	90.4	135.6#	

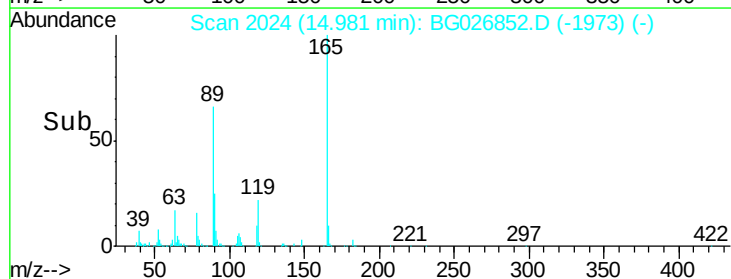
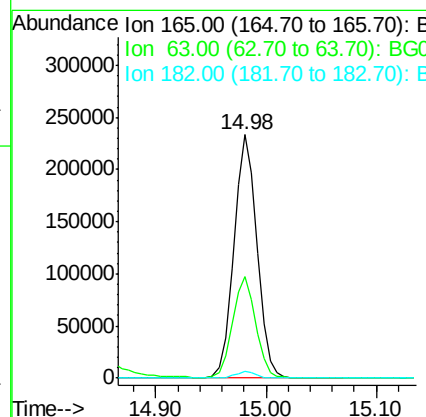
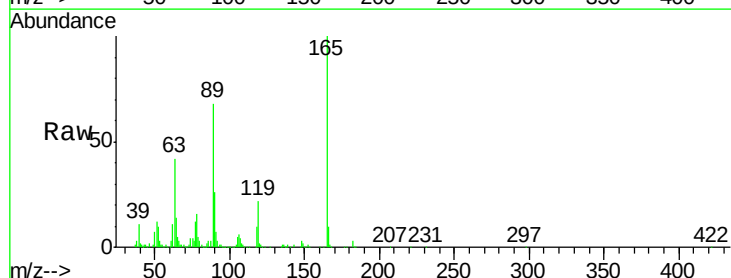
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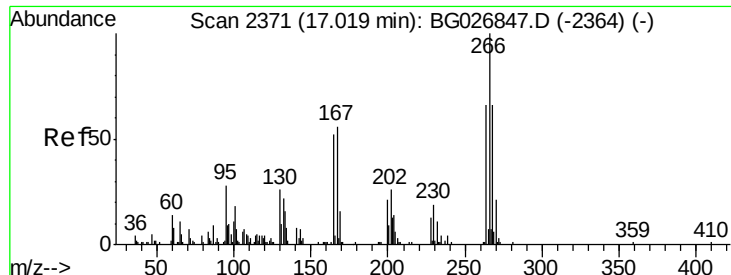
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#54
2,4-Dinitrotoluene
Concen: 32.17 ng/ul
RT: 14.98 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG026852.D
Acq: 3 May 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	342127		
63	41.7	46.8	70.2#	
182	2.8	1.8	2.6#	





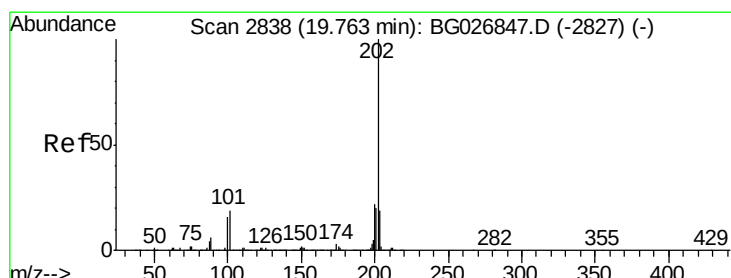
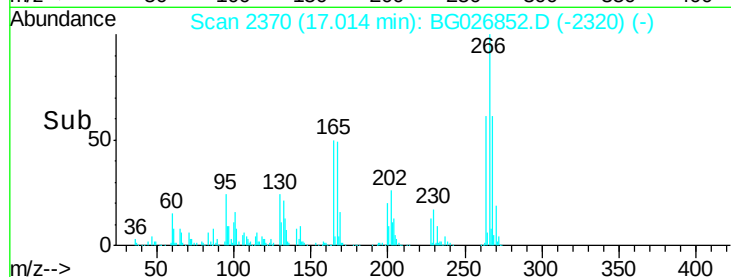
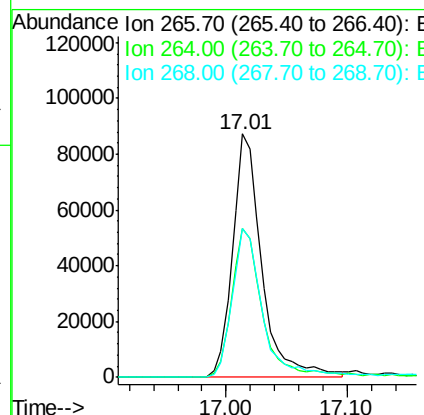
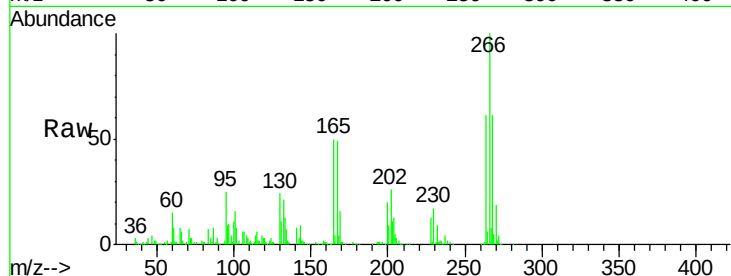
#68
 Pentachlorophenol
 Concen: 35.83 ng/ul
 RT: 17.01 min Scan# 2370
 Delta R.T. -0.01 min
 Lab File: BG026852.D
 Acq: 3 May 2017 15:27

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
266	100	147217		
264	61.3	47.1	70.7	
268	61.1	56.2	84.4	

Manual Integrations
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#77
 Pyrene
 Concen: 32.80 ng/ul
 RT: 19.76 min Scan# 2838
 Delta R.T. 0.00 min
 Lab File: BG026852.D
 Acq: 3 May 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1677019		
101	20.3	6.9	10.3#	
100	16.8	6.6	10.0#	

