

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
 Data File : BG026851.D
 Acq On : 3 May 2017 14:48
 Operator : SJ/MA
 Sample : I2871-05MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 YAB17MS

Manual Integrations
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Quant Time: May 04 06:49:25 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	158351	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	816360	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	445551	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	826217	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	746489	20.00	ng/ul	0.00
83) Perylene-d12	24.77	264	773377	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	13562	3.86	ng/uL	0.00
5) Phenol-d5	7.19	99	324683	22.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	193834	23.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	261761	21.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	252340	21.51	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	139448	20.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	146773	19.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	244393	20.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	337571	21.39	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	751520	20.96	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	1019578	22.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	98021	15.16	ng/ul	0.00
57) Fluorene-d10	15.61	176	659849	21.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	58550	11.67	ng/ul	0.00
70) Anthracene-d10	17.45	188	927694	23.14	ng/ul	0.00
76) Pyrene-d10	19.74	212	901923	22.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	795239	21.75	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.21	94	354736	24.77	ng/ul#	77
10) 2-Chlorophenol	7.58	128	263438	22.32	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.80	70	199916	23.52	ng/ul#	76
33) 4-Chloro-3-methylphenol	12.09	107	308971	24.23	ng/ul	90
44) Dimethylphthalate	14.07	163	309628	8.82	ng/ul	99
49) Acenaphthene	14.68	153	728261	22.82	ng/ul	97
52) 4-Nitrophenol	14.85	109	66029m	17.42	ng/ul	
54) 2,4-Dinitrotoluene	14.98	165	218322	20.59	ng/ul#	76
68) Pentachlorophenol	17.02	266	74554	18.39	ng/ul	95
77) Pyrene	19.77	202	1188255	23.73	ng/ul#	76

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

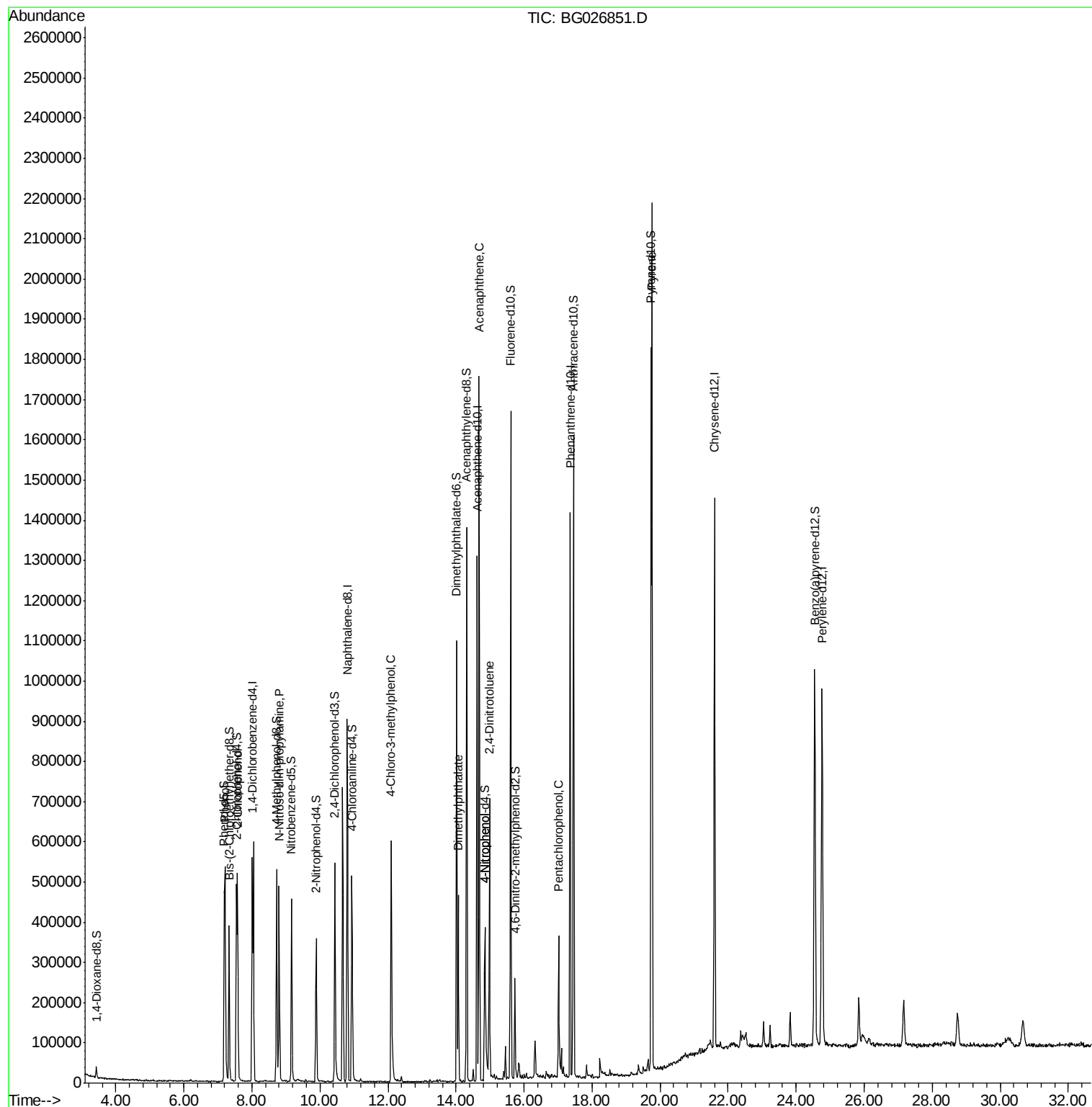
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
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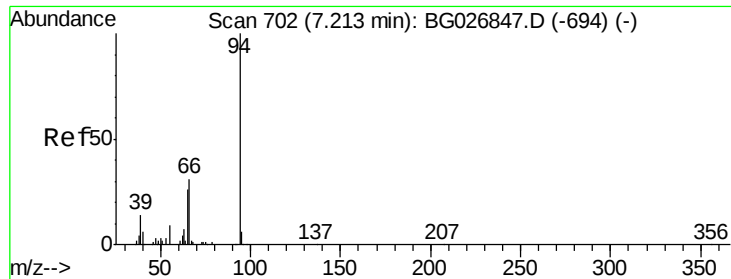
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 04 00:50:13 2017
Response via : Initial Calibration





#6

Phenol

Concen: 24.77 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026851.D

Acq: 3 May 2017 14:48

Instrument :

BNA_G

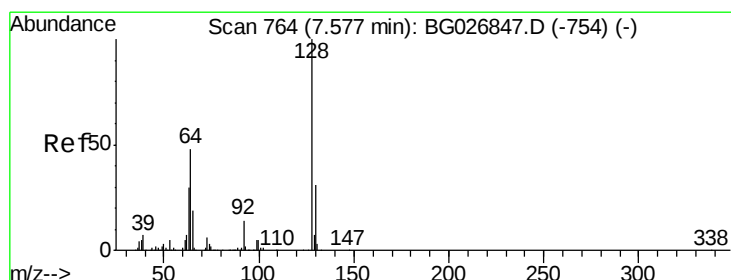
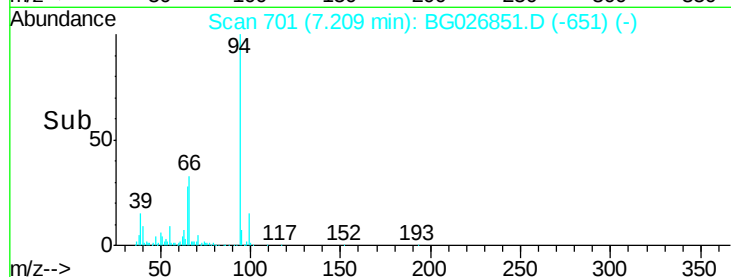
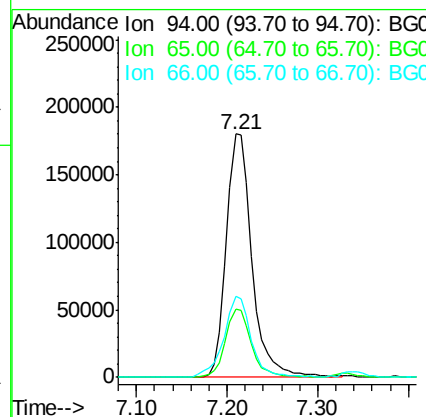
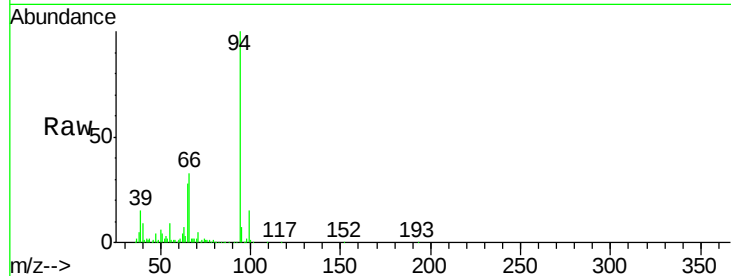
ClientSampleId :

YAB17MS

Tgt Ion:	94	Resp:	354736
Ion	Ratio	Lower	Upper
94	100		
65	27.9	26.8	40.2
66	33.1	44.4	66.6#

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#10

2-Chlorophenol

Concen: 22.32 ng/ul

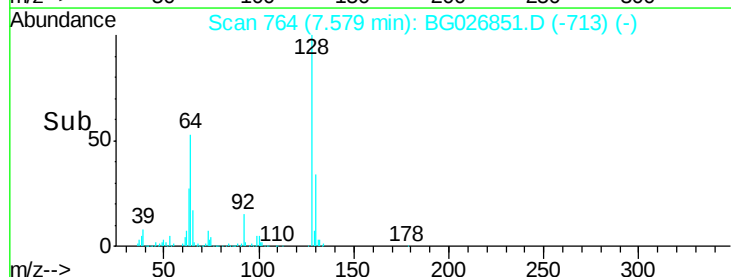
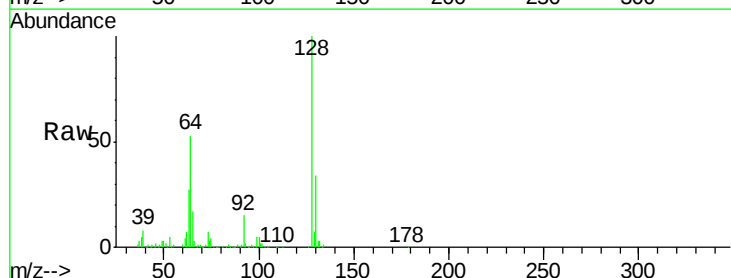
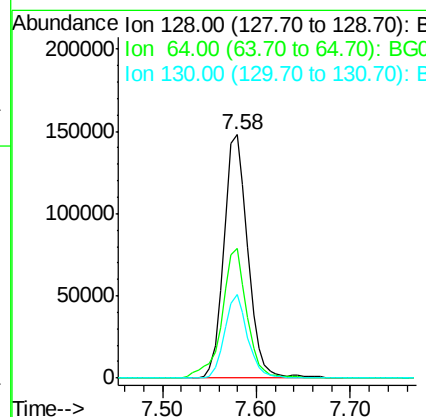
RT: 7.58 min Scan# 764

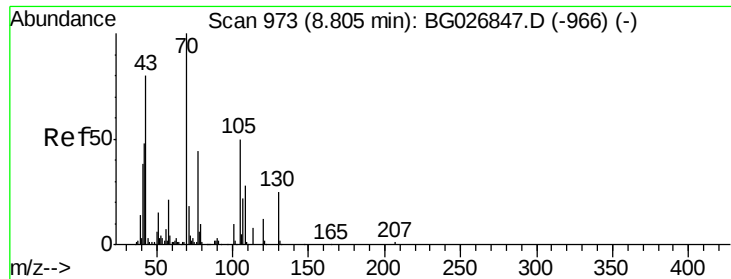
Delta R.T. 0.00 min

Lab File: BG026851.D

Acq: 3 May 2017 14:48

Tgt Ion:	128	Resp:	263438
Ion	Ratio	Lower	Upper
128	100		
64	53.3	56.3	84.5#
130	34.2	26.7	40.1





#15

N-Nitroso-di-n-propylamine

Concen: 23.52 ng/ul

RT: 8.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BG026851.D

Acq: 3 May 2017 14:48

Instrument :

BNA_G

ClientSampleId :

YAB17MS

Tgt Ion: 70 Resp: 199916

Ion Ratio Lower Upper

70 100

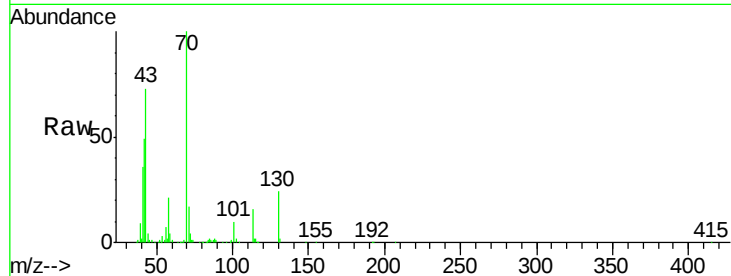
42 48.5 59.0 88.6#

101 9.7 6.6 9.8

130 23.9 15.6 23.4#

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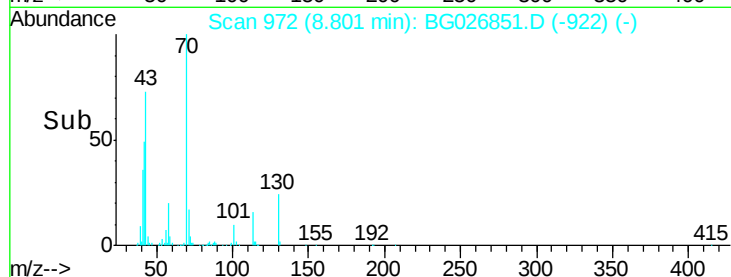
Abundance Ion 70.00 (69.70 to 70.70): BG026847.D (-966) (-)

Ion 42.00 (41.70 to 42.70): BG026847.D (-966) (-)

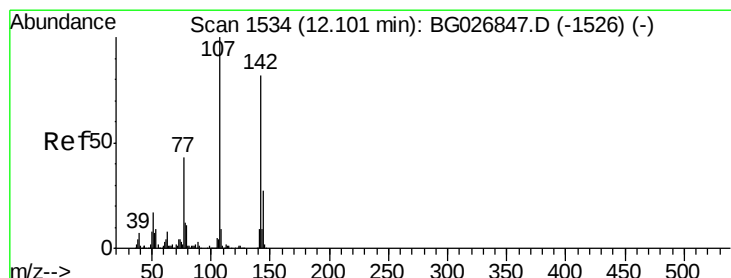
Ion 101.00 (100.70 to 101.70): BG026847.D (-966) (-)

Ion 130.00 (129.70 to 130.70): BG026847.D (-966) (-)

Time-->



Time-->



#33

4-Chloro-3-methylphenol

Concen: 24.23 ng/ul

RT: 12.09 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BG026851.D

Acq: 3 May 2017 14:48

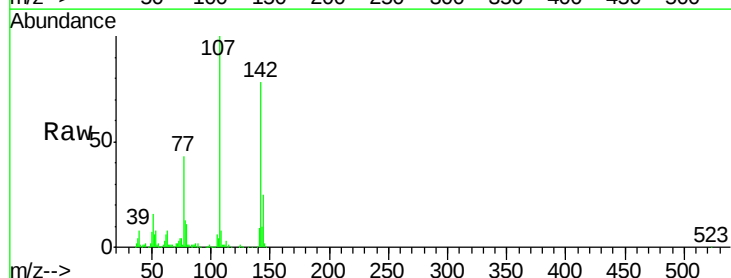
Tgt Ion: 107 Resp: 308971

Ion Ratio Lower Upper

107 100

144 24.9 18.2 27.4

142 78.4 55.0 82.4

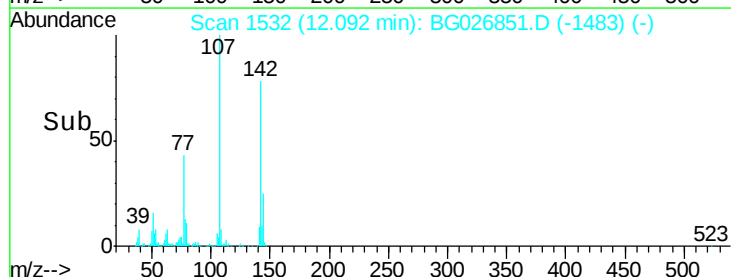


Abundance Ion 107.00 (106.70 to 107.70): BG026847.D (-1526) (-)

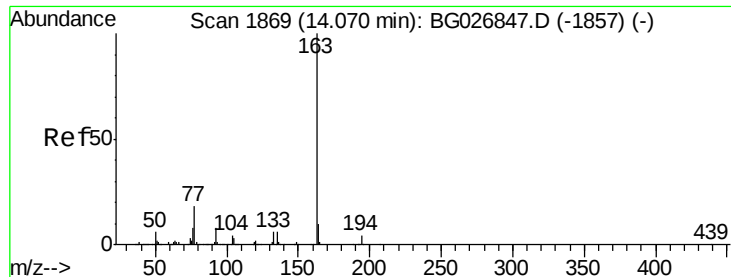
Ion 144.00 (143.70 to 144.70): BG026847.D (-1526) (-)

Ion 142.00 (141.70 to 142.70): BG026847.D (-1526) (-)

Time-->



Time-->



#44

Dimethylphthalate

Concen: 8.82 ng/ul

RT: 14.07 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BG026851.D

Acq: 3 May 2017 14:48

Instrument :

BNA_G

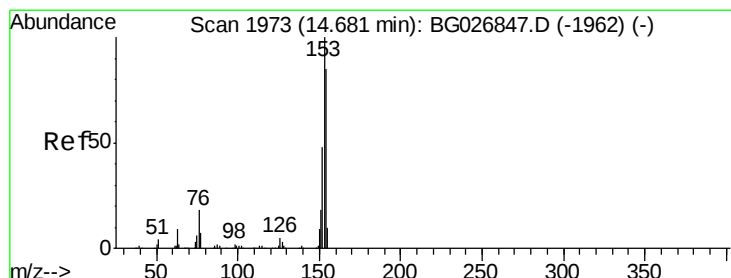
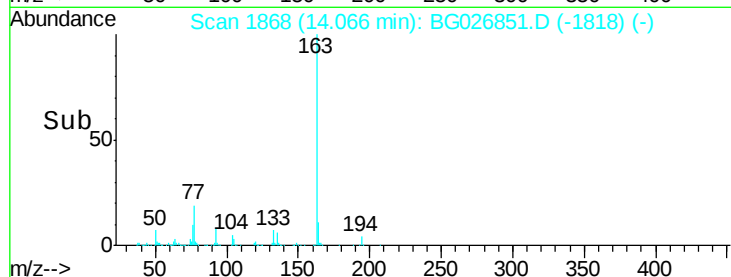
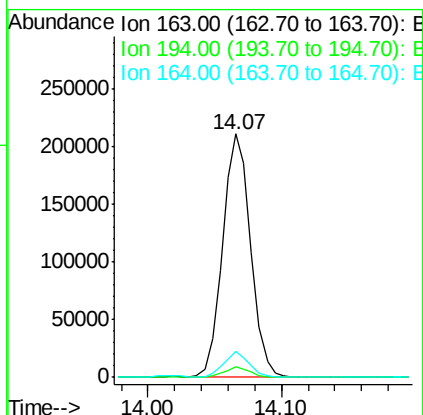
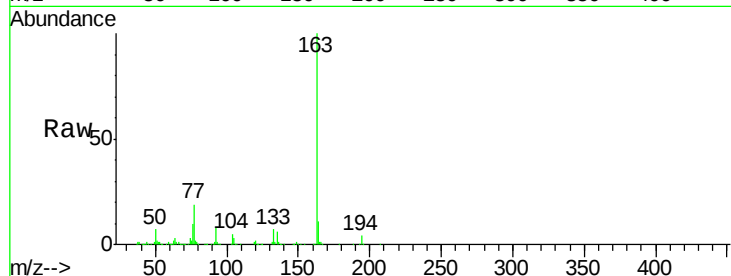
ClientSampleId :

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Tgt Ion:	163	Resp:	309628
Ion Ratio		Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.9	9.0	13.4

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#49

Acenaphthene

Concen: 22.82 ng/ul

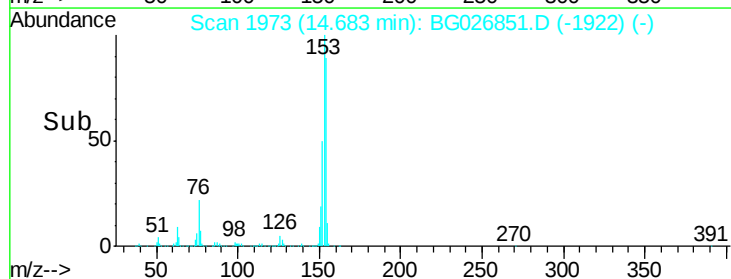
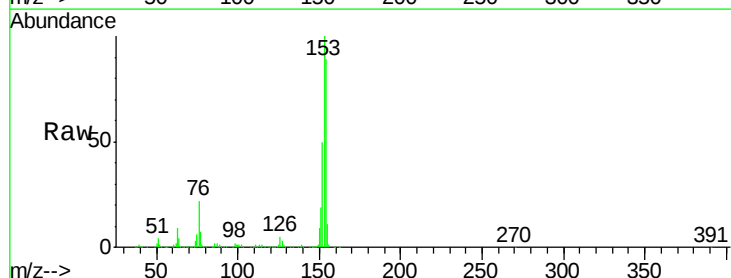
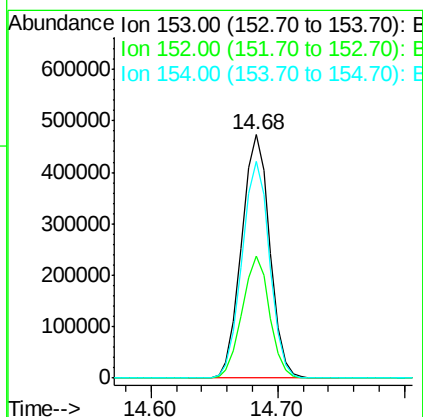
RT: 14.68 min Scan# 1973

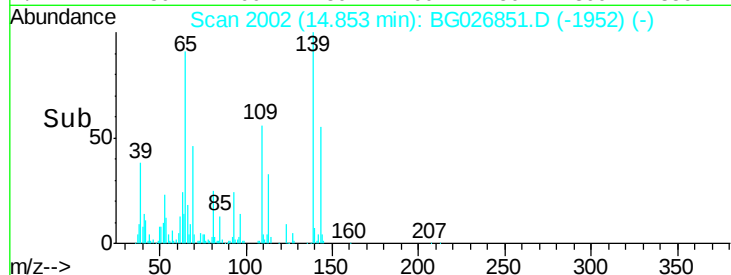
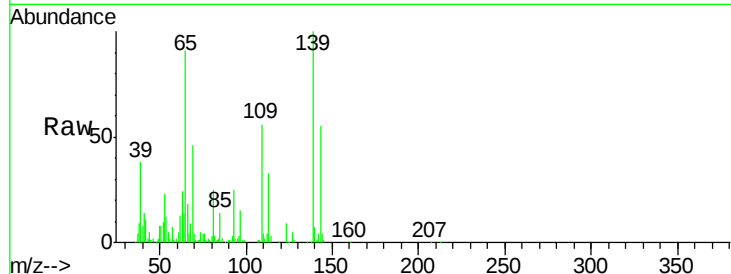
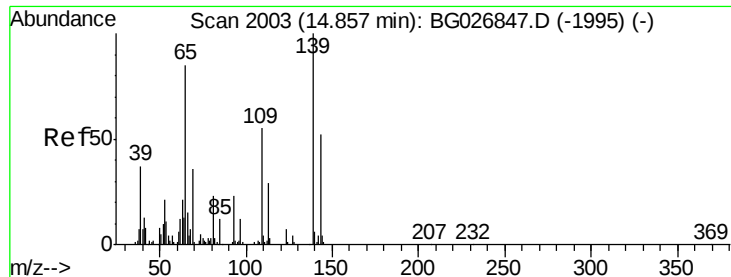
Delta R.T. 0.00 min

Lab File: BG026851.D

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Tgt Ion:	153	Resp:	728261
Ion Ratio		Lower	Upper
153	100		
152	50.1	36.5	54.7
154	88.9	72.3	108.5





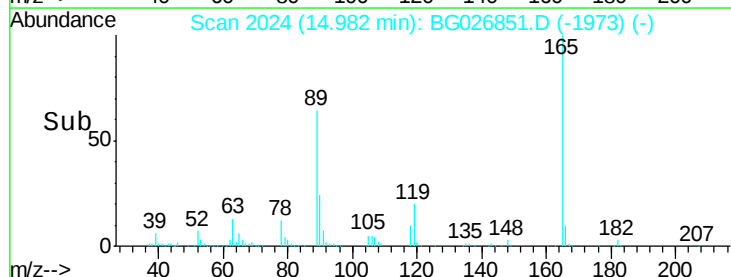
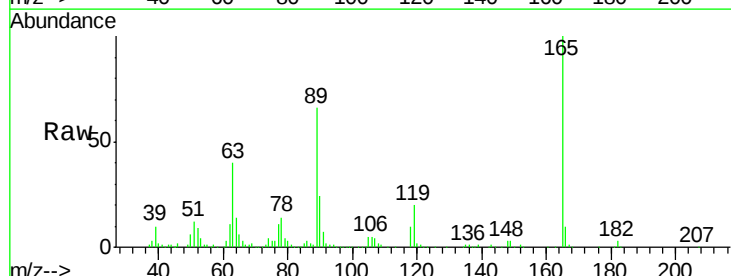
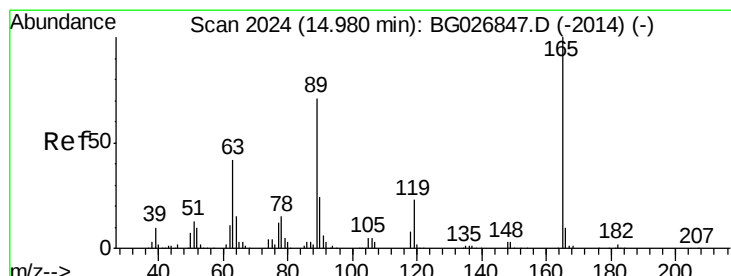
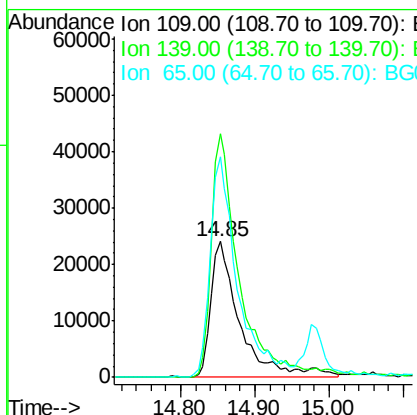
#52
4-Nitrophenol
Concen: 17.42 ng/ul m
RT: 14.85 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG026851.D
Acq: 3 May 2017 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	66029		
139	179.0	62.6	93.8#	
65	162.4	90.4	135.6#	

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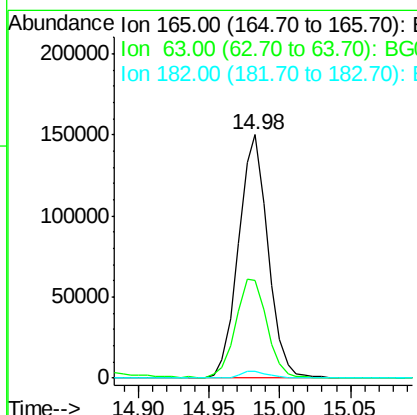
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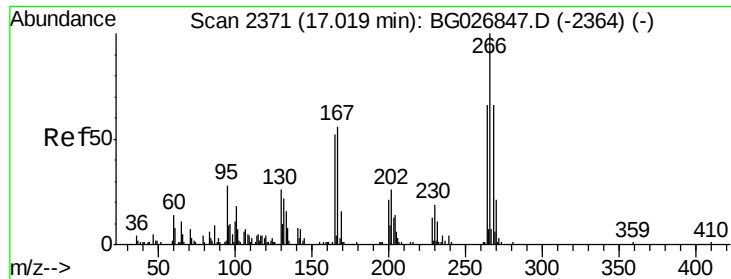
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#54
2,4-Dinitrotoluene
Concen: 20.59 ng/ul
RT: 14.98 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG026851.D
Acq: 3 May 2017 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	218322		
63	40.0	46.8	70.2#	
182	2.7	1.8	2.6#	





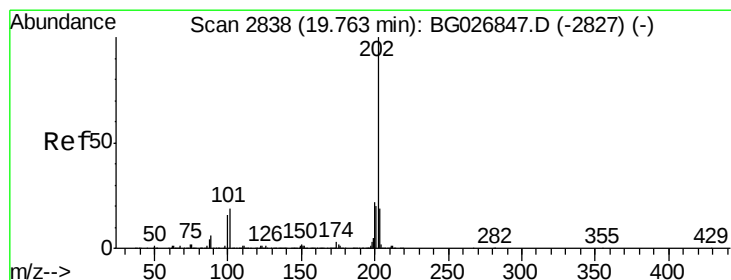
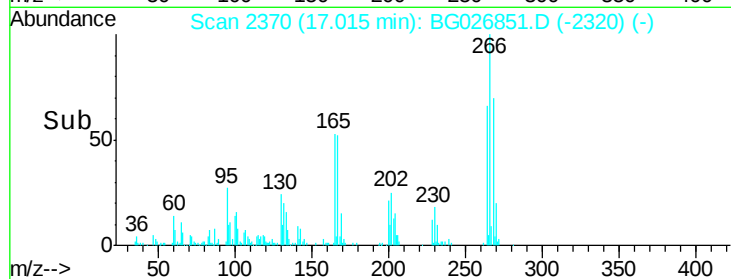
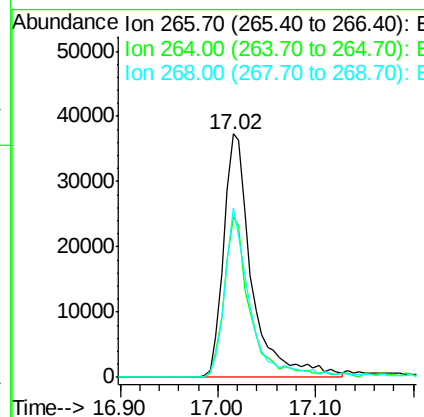
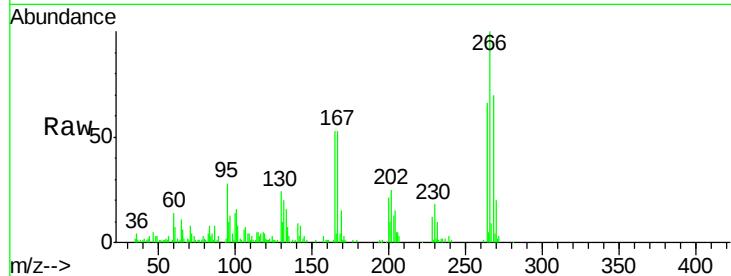
#68
 Pentachlorophenol
 Concen: 18.39 ng/ul
 RT: 17.02 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: BG026851.D
 Acq: 3 May 2017 14:48

Instrument :
 BNA_G
 ClientSampleId :
 YAB17MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	74554		
264	65.7	47.1	70.7	
268	69.5	56.2	84.4	

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#77
 Pyrene
 Concen: 23.73 ng/ul
 RT: 19.77 min Scan# 2838
 Delta R.T. 0.00 min
 Lab File: BG026851.D
 Acq: 3 May 2017 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1188255		
101	18.2	6.9	10.3#	
100	15.8	6.6	10.0#	

