

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101515\
 Data File : BG019217.D
 Acq On : 15 Oct 2015 22:23
 Operator : UM/NP
 Sample : G3966-22MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ5MS

Manual Integrations
 APPROVED

MMdadoda
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Quant Time: Oct 16 08:38:31 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 16 04:07:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	16519	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	79773	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	64135	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	135146	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	158564	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	159581	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	2858	9.64	ng/uL	0.00
5) Phenol-d5	7.19	99	9750	6.76	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.33	67	24578	26.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	26706	25.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	19165	15.69	ng/ul	0.02
19) Nitrobenzene-d5	9.17	128	16748	27.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	19450	29.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	36804	28.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	2706	1.63	ng/ul	0.01
44) Dimethylphthalate-d6	14.05	166	134996	24.07	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	149217	24.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	5665m	5.62	ng/ul	0.04
58) Fluorene-d10	15.63	176	116780	24.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	25839	30.99	ng/ul	0.00
71) Anthracene-d10	17.48	188	179610	28.13	ng/ul	0.00
79) Pyrene-d10	19.77	212	207608	28.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	229893	28.52	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.21	94	10157	6.77 ng/ul#	82
10) 2-Chlorophenol	7.58	128	25361	23.50 ng/ul	89
15) N-Nitroso-di-n-propylamine	8.81	70	29547	28.05 ng/ul#	86
27) 2,4-Dichlorophenol	10.46	162	4762	3.65 ng/ul#	55
33) 4-Chloro-3-methylphenol	12.11	107	42666	25.96 ng/ul	88
35) 1-Methylnaphthalene	12.68	142	5929	1.83 ng/ul#	88
50) Acenaphthene	14.71	153	98516	22.00 ng/ul	92
53) 4-Nitrophenol	14.89	109	6941m	6.30 ng/ul	
55) 2,4-Dinitrotoluene	15.01	165	37614	21.51 ng/ul	89
69) Pentachlorophenol	17.04	266	32620	35.85 ng/ul	93
80) Pyrene	19.80	202	239564	25.46 ng/ul#	92

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

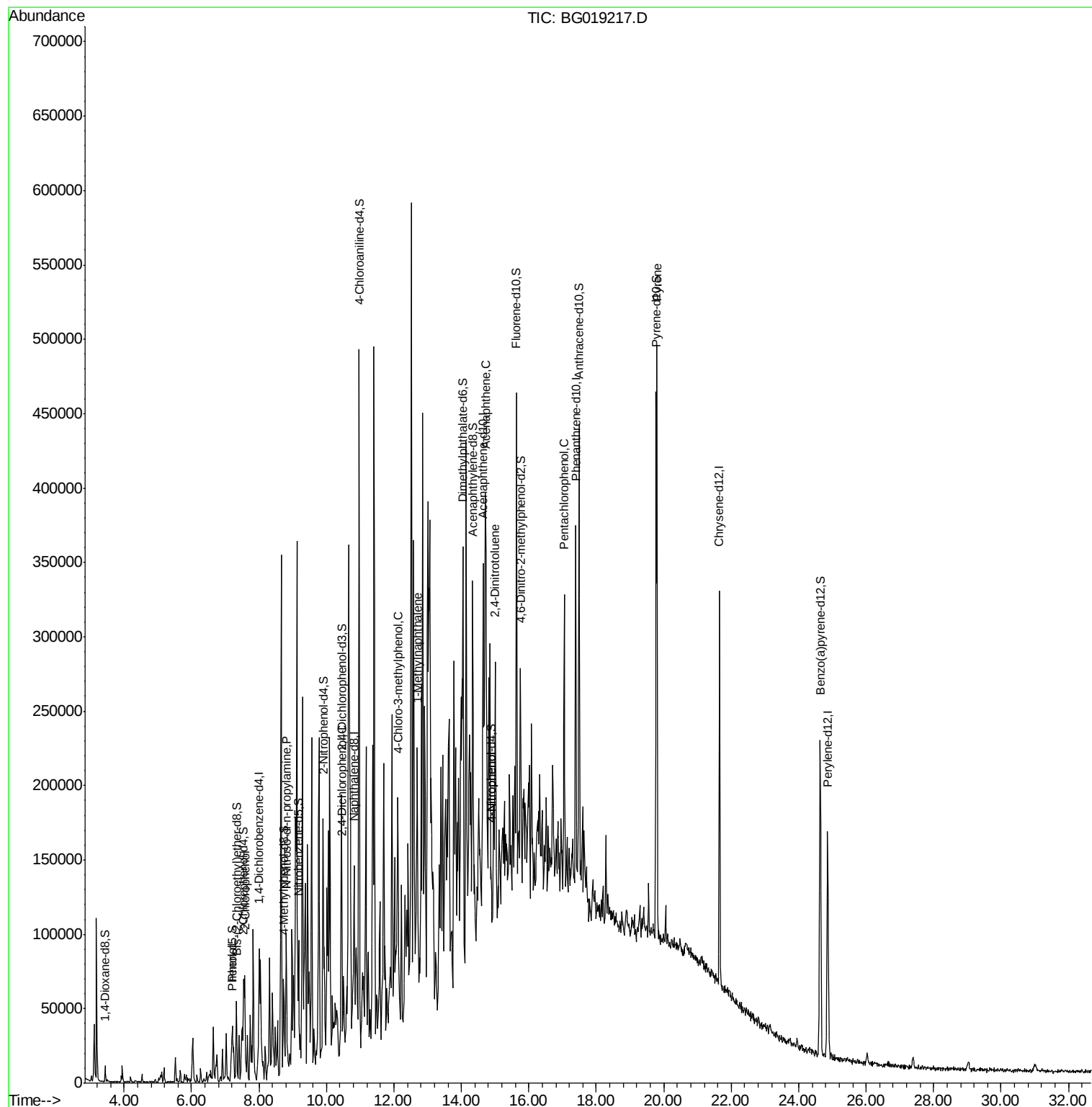
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101515\
Data File : BG019217.D
Acq On : 15 Oct 2015 22:23
Operator : UM/NP
Sample : G3966-22MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

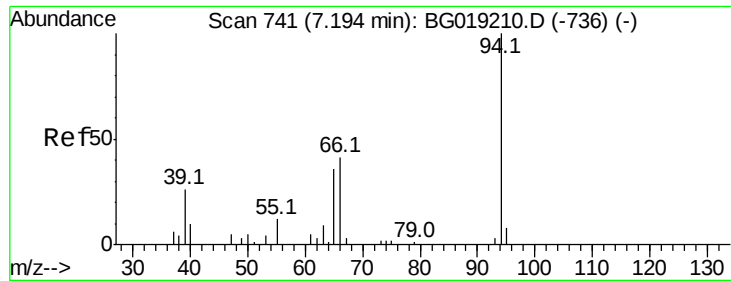
Instrument :
BNA_G
ClientSampleId :
E5LJ5MS

Manual Integrations
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Quant Time: Oct 16 08:38:31 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 16 04:07:16 2015
Response via : Initial Calibration





#6

Phenol

Concen: 6.77 ng/ul

RT: 7.21 min Scan# 745

Delta R.T. 0.02 min

Lab File: BG019217.D

Acq: 15 Oct 2015 22:23

Instrument :

BNA_G

ClientSampleId :

E5LJ5MS

Tot Ion: 94 Resp: 10157

Ion Ratio Lower Upper

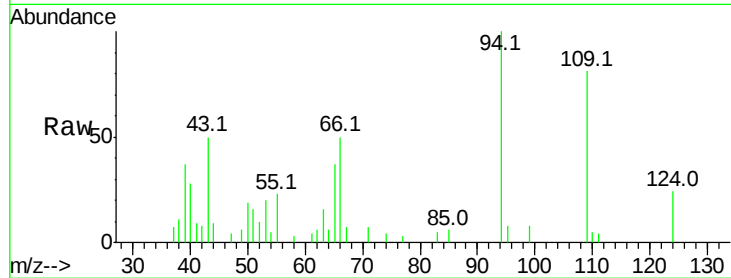
94 100

65 37.3 24.9 37.3#

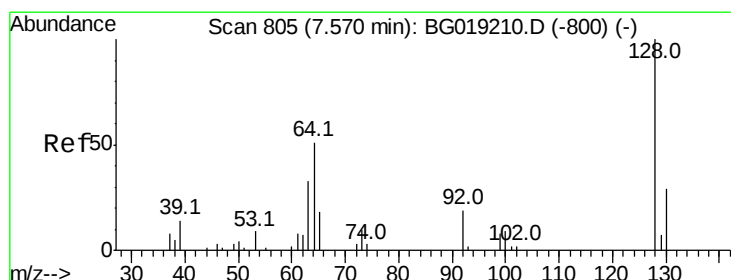
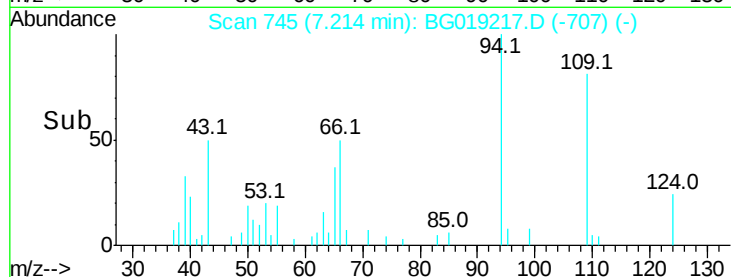
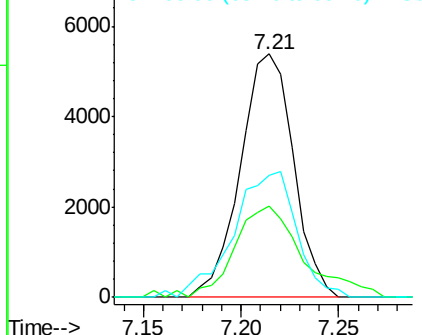
66 50.2 29.1 43.7#

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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: 23.50 ng/ul

RT: 7.58 min Scan# 807

Delta R.T. 0.01 min

Lab File: BG019217.D

Acq: 15 Oct 2015 22:23

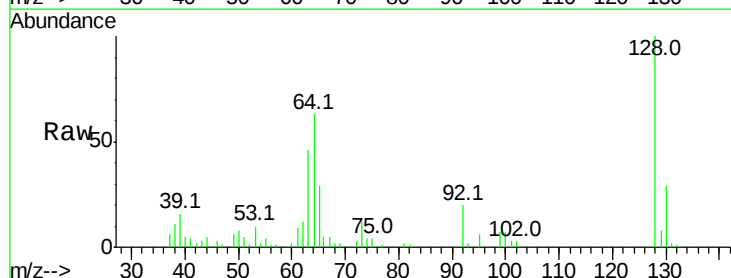
Tgt Ion: 128 Resp: 25361

Ion Ratio Lower Upper

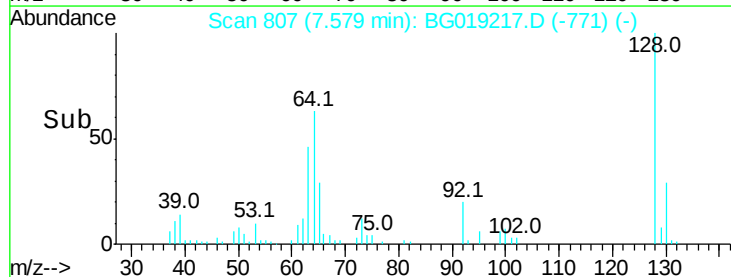
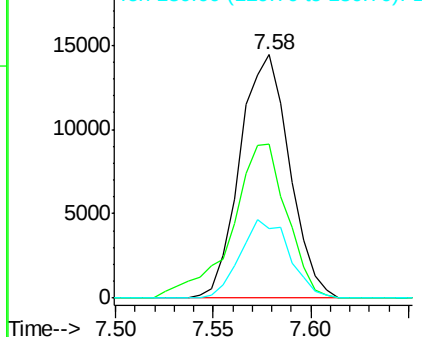
128 100

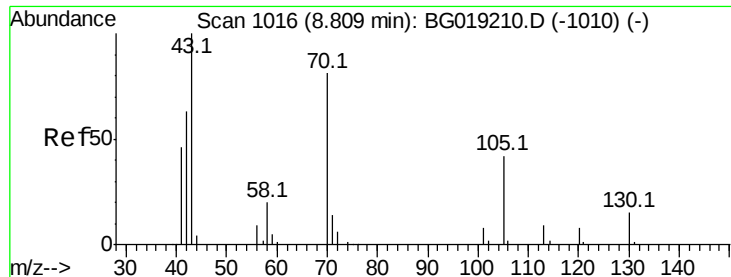
64 63.1 43.3 64.9

130 28.6 26.5 39.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#15

N-Nitroso-di-n-propylamine

Concen: 28.05 ng/ul

RT: 8.81 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG019217.D

Acq: 15 Oct 2015 22:23

Instrument :

BNA_G

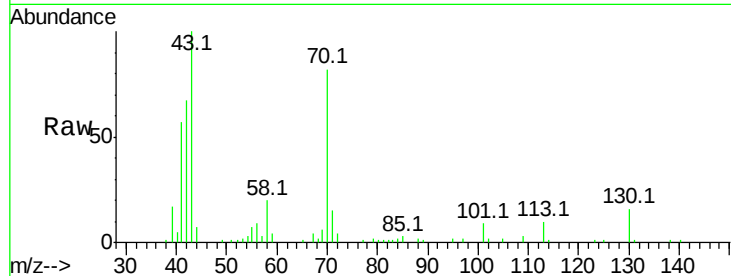
ClientSampleId :

E5LJ5MS

Tot Ion:	70	Resp:	29547
Ion Ratio	Lower	Upper	
70	100		
42	81.9	53.6	80.4#
101	10.7	7.9	11.9
130	19.3	16.5	24.7

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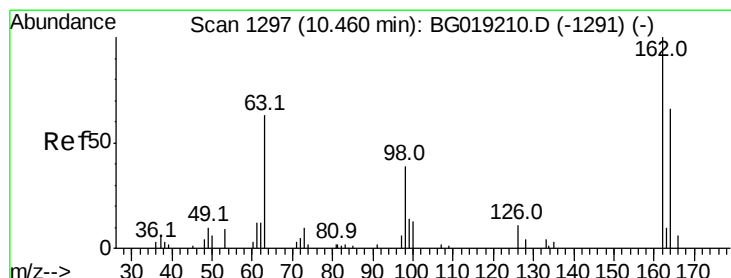
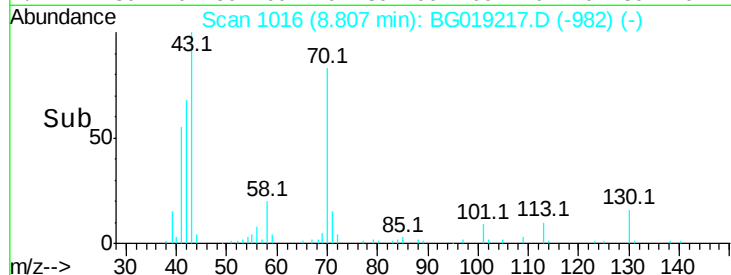
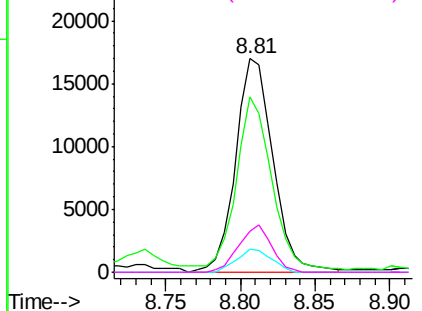
Abundance

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



#27

2,4-Dichlorophenol

Concen: 3.65 ng/ul

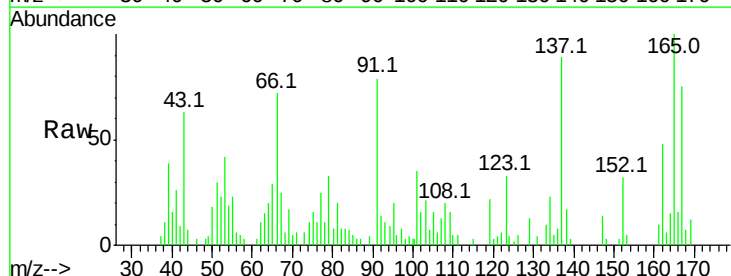
RT: 10.46 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG019217.D

Acq: 15 Oct 2015 22:23

Tgt Ion:	162	Resp:	4762
Ion Ratio	Lower	Upper	
162	100		
164	31.2	50.0	75.0#
98	5.4	29.0	43.6#

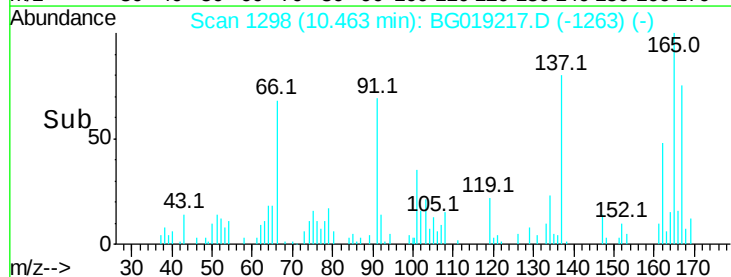
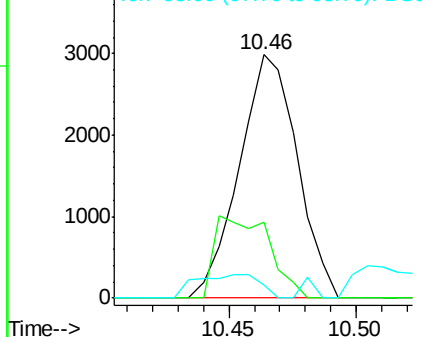


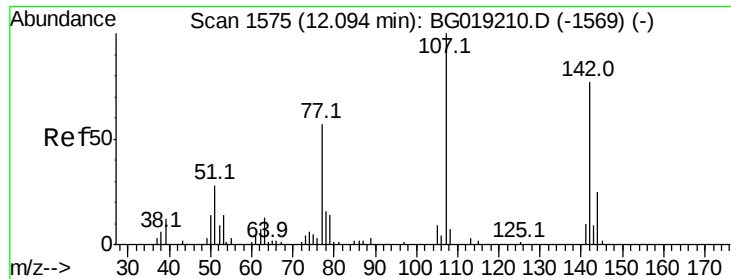
Abundance

Ion 162.00 (161.70 to 162.70): BGC

Ion 164.00 (163.70 to 164.70): BGC

Ion 98.00 (97.70 to 98.70): BGC





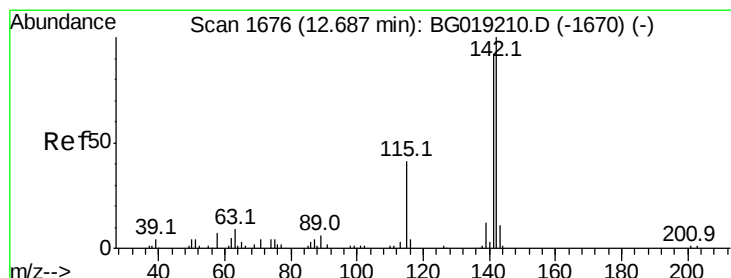
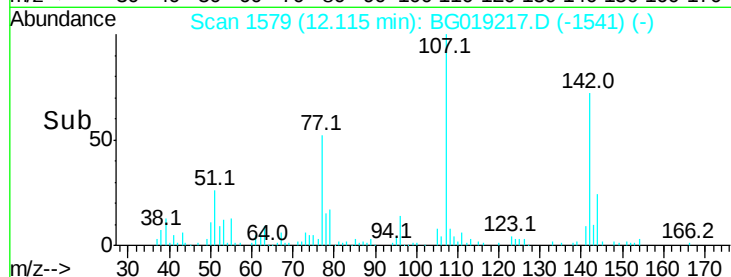
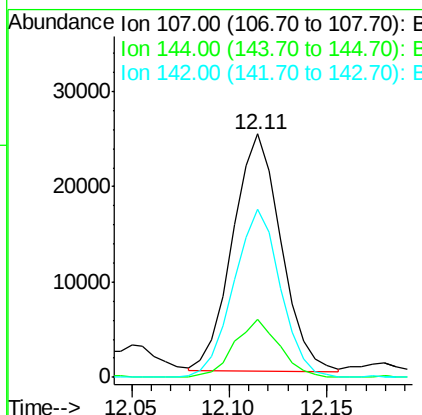
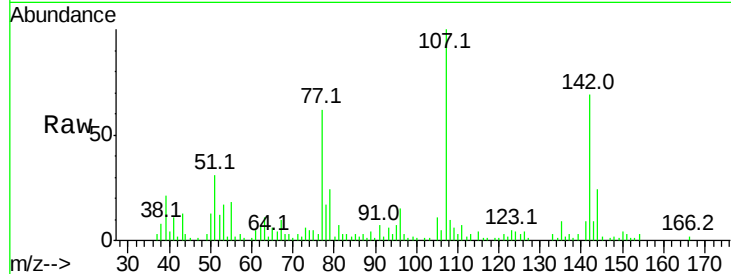
#33
4-Chloro-3-methylphenol
Concen: 25.96 ng/ul
RT: 12.11 min Scan# 1579
Delta R.T. 0.02 min
Lab File: BG019217.D
Acq: 15 Oct 2015 22:23

Instrument :
BNA_G
ClientSampleId :
E5LJ5MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	42666		
144	23.6	20.9	31.3	
142	69.0	65.6	98.4	

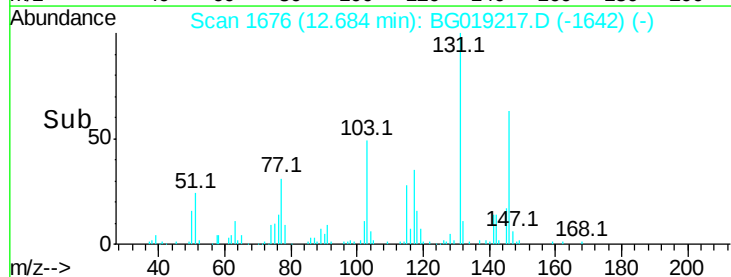
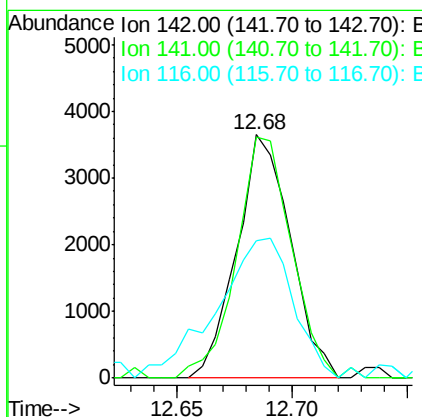
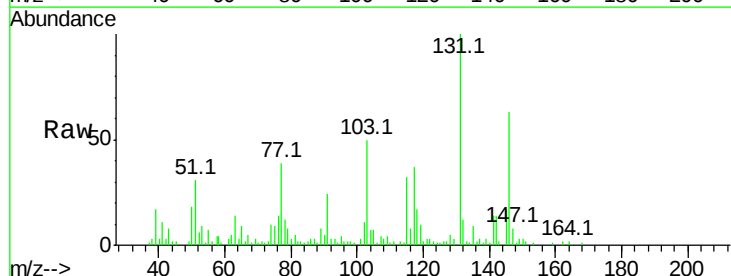
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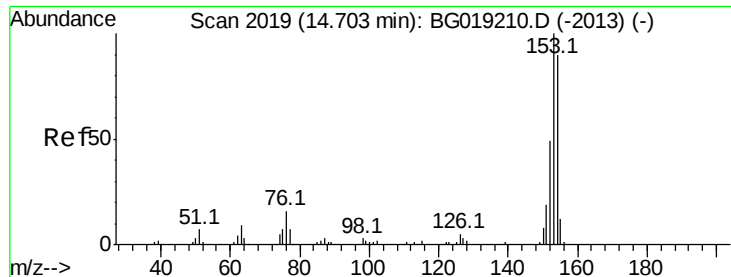
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#35
1-Methylnaphthalene
Concen: 1.83 ng/ul
RT: 12.68 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BG019217.D
Acq: 15 Oct 2015 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	5929		
141	98.9	74.8	112.2	
116	56.2	3.2	4.8#	





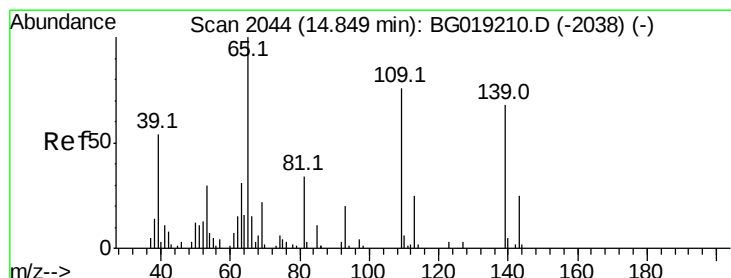
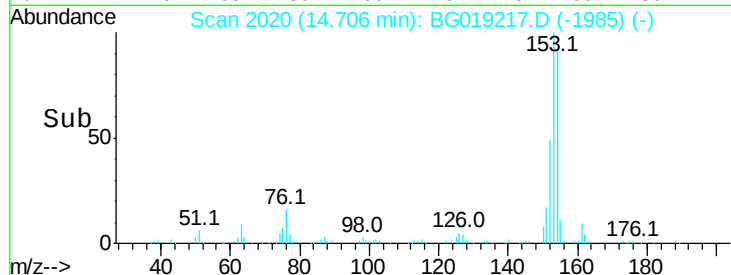
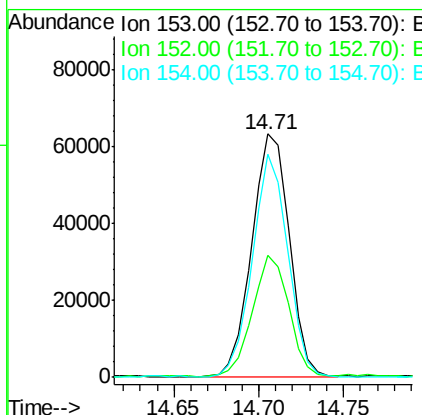
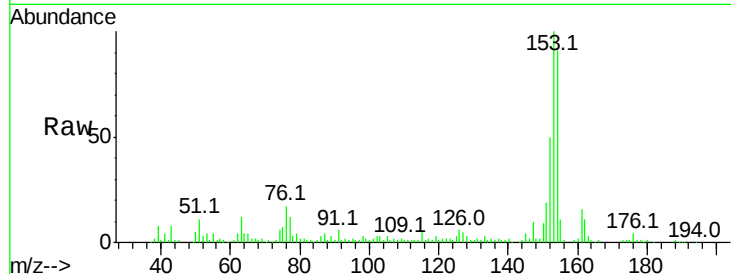
#50
 Acenaphthene
 Concen: 22.00 ng/ul
 RT: 14.71 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BG019217.D
 Acq: 15 Oct 2015 22:23

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ5MS

Tot Ion:	153	Resp:	98516
Ion Ratio	Lower	Upper	
153	100		
152	50.1	36.2	54.2
154	91.4	67.5	101.3

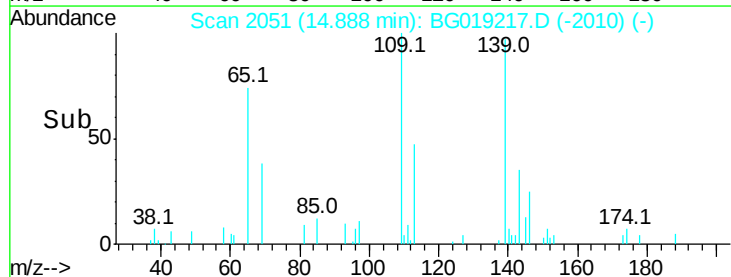
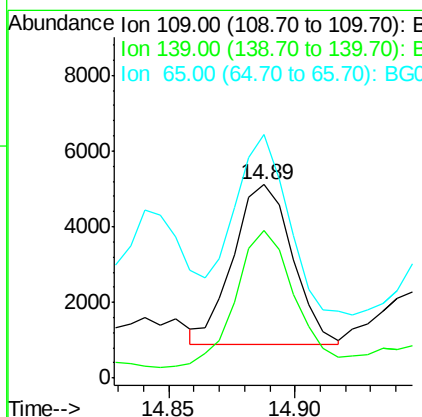
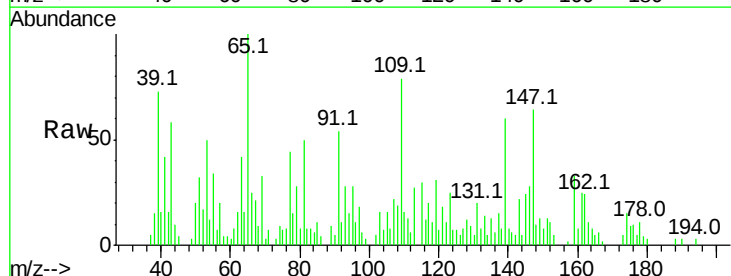
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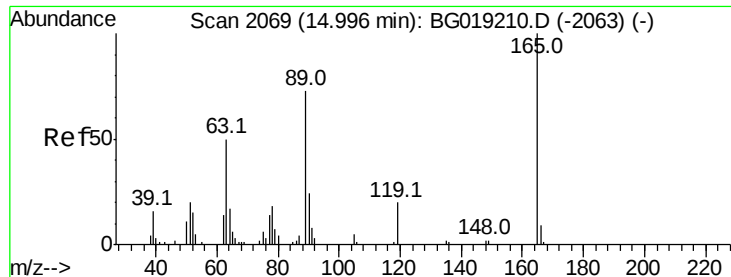
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#53
 4-Nitrophenol
 Concen: 6.30 ng/ul m
 RT: 14.89 min Scan# 2051
 Delta R.T. 0.04 min
 Lab File: BG019217.D
 Acq: 15 Oct 2015 22:23

Tgt Ion:	109	Resp:	6941
Ion Ratio	Lower	Upper	
109	100		
139	76.0	97.9	146.9#
65	125.8	117.4	176.0





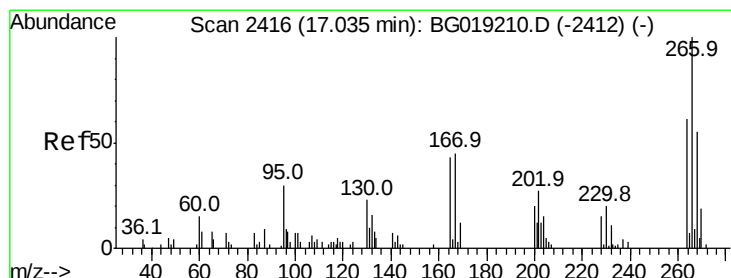
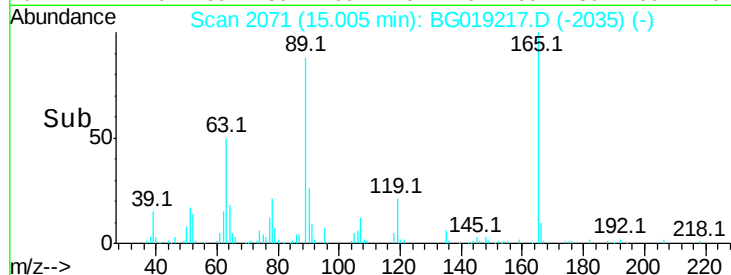
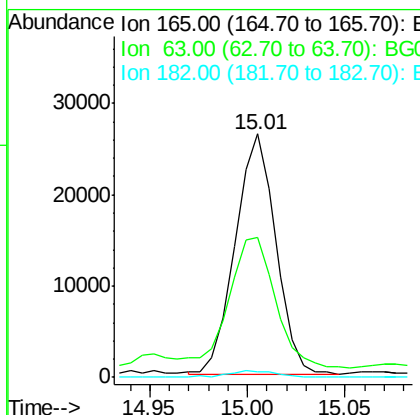
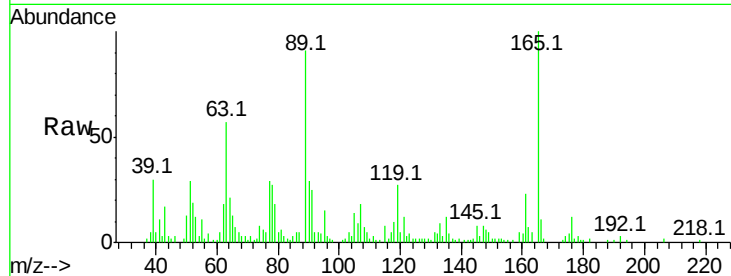
#55
 2,4-Dinitrotoluene
 Concen: 21.51 ng/ul
 RT: 15.01 min Scan# 2071
 Delta R.T. 0.01 min
 Lab File: BG019217.D
 Acq: 15 Oct 2015 22:23

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ5MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	37614		
63	57.3	39.5	59.3	
182	2.3	2.2	3.2	

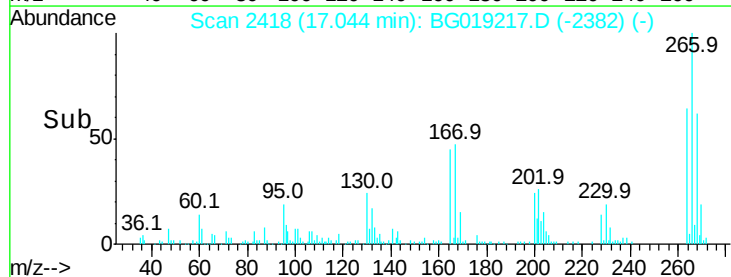
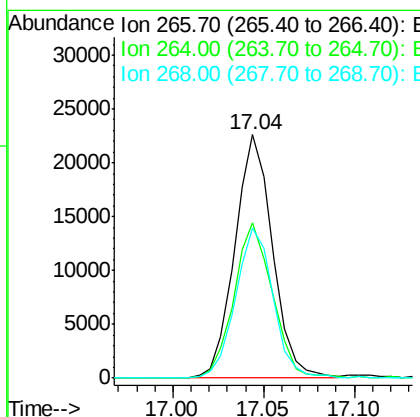
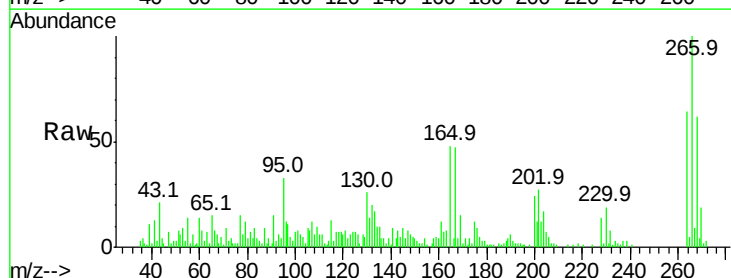
Manual Integrations
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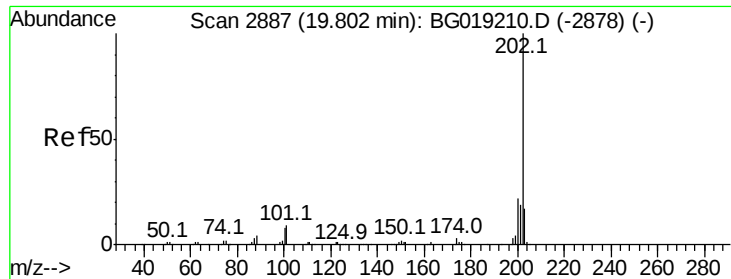
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#69
 Pentachlorophenol
 Concen: 35.85 ng/ul
 RT: 17.04 min Scan# 2418
 Delta R.T. 0.01 min
 Lab File: BG019217.D
 Acq: 15 Oct 2015 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	32620		
264	63.5	49.0	73.6	
268	61.5	55.6	83.4	





#80
Pvrene
Concen: 25.46 ng/ul
RT: 19.80 min Scan# 2887
Delta R.T. -0.00 min
Lab File: BG019217.D
Acq: 15 Oct 2015 22:23

Instrument :
BNA_G
ClientSampleId :
E5LJ5MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.0	10.2	15.2#
100	8.0	8.5	12.7#

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