

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101515\
 Data File : BG019218.D
 Acq On : 15 Oct 2015 23:01
 Operator : UM/NP
 Sample : G3966-23MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ5MSD

Manual Integrations
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 10/16/2015 4:16:58 PM

Quant Time: Oct 16 08:44:26 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	18377	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	85622	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	68116	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	142815m	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	166446m	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	165666	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.44	96	3408	10.33	ng/uL	0.00
5) Phenol-d5	7.19	99	10582	6.60	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.33	67	25945	25.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	27946	23.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	21373	15.73	ng/ul	0.02
19) Nitrobenzene-d5	9.17	128	17575	26.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	20191	28.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	38658	27.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	4859m	2.72	ng/ul	0.01
44) Dimethylphthalate-d6	14.05	166	140123	23.52	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	156289	24.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	5922m	5.53	ng/ul	0.04
58) Fluorene-d10	15.63	176	121761	23.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	27030	30.68	ng/ul	0.00
71) Anthracene-d10	17.48	188	189104	28.03	ng/ul	0.00
79) Pyrene-d10	19.77	212	215060	28.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	240409	28.73	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.21	94	11499	6.89	ng/ul#	81
10) 2-Chlorophenol	7.58	128	27640	23.03	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.81	70	30580	26.09	ng/ul	88
27) 2,4-Dichlorophenol	10.46	162	4843	3.46	ng/ul#	49
33) 4-Chloro-3-methylphenol	12.11	107	44522	25.24	ng/ul	87
35) 1-Methylnaphthalene	12.68	142	6221	1.79	ng/ul#	86
50) Acenaphthene	14.71	153	106012	22.29	ng/ul	96
53) 4-Nitrophenol	14.89	109	7771m	6.64	ng/ul	
55) 2,4-Dinitrotoluene	15.01	165	40847	22.00	ng/ul#	84
57) Diethylphthalate	15.46	149	12625	2.03	ng/ul#	88
69) Pentachlorophenol	17.04	266	34993	36.39	ng/ul	94
80) Pyrene	19.80	202	260533m	26.37	ng/ul	

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

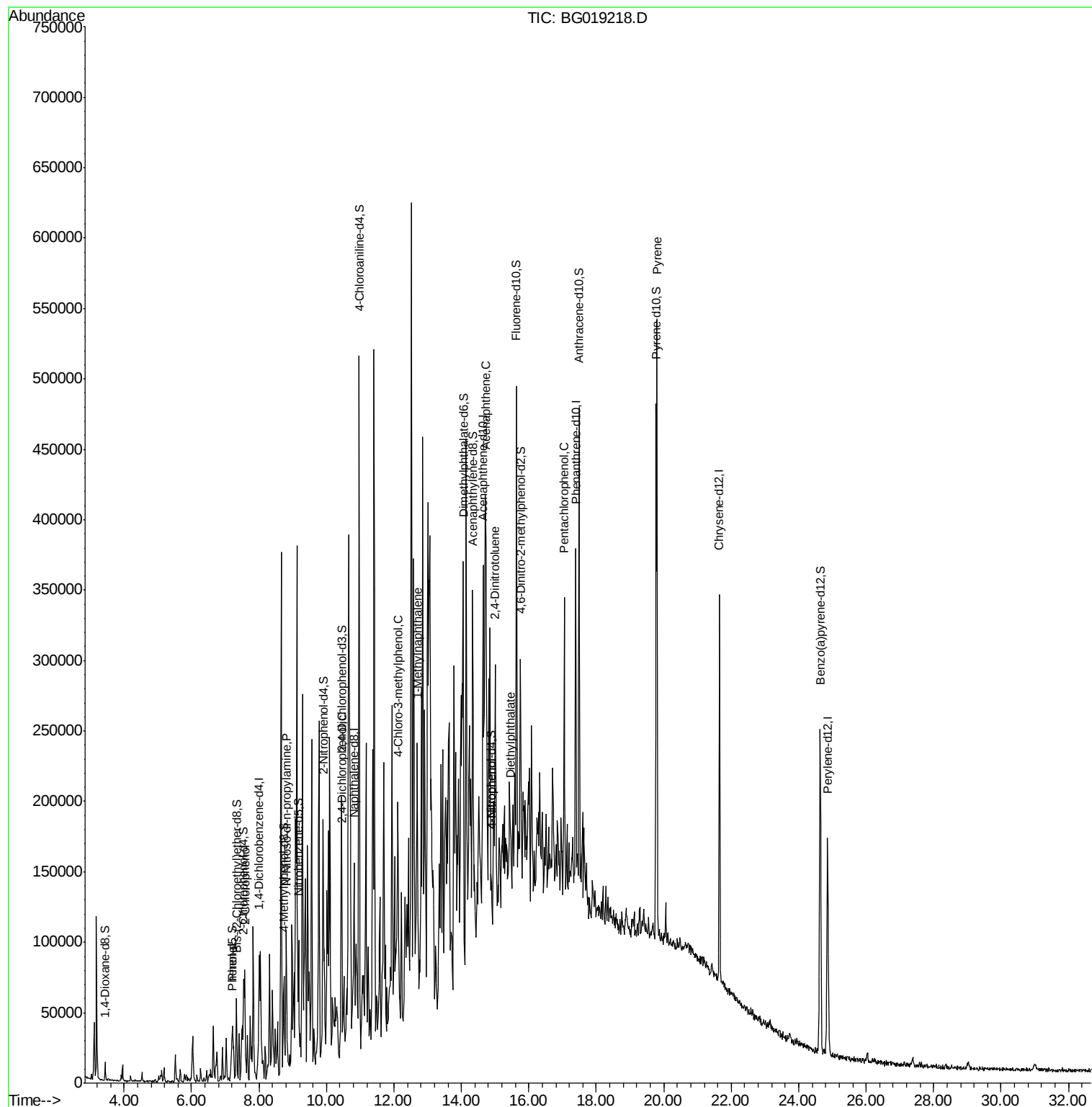
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101515\
Data File : BG019218.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

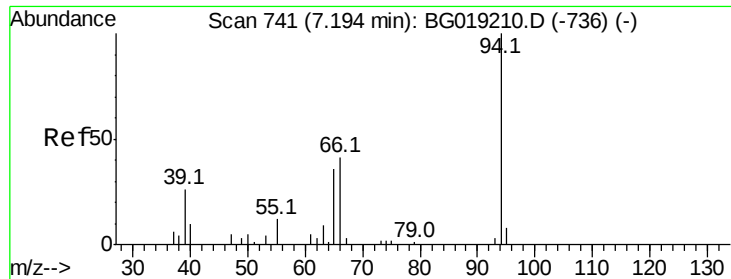
Instrument :
BNA_G
ClientSampleId :
E5LJ5MSD

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Quant Time: Oct 16 08:44:26 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: 6.89 ng/ul

RT: 7.21 min Scan# 745

Delta R.T. 0.02 min

Lab File: BG019218.D

Acq: 15 Oct 2015 23:01

Instrument :

BNA_G

ClientSampleId :

E5LJ5MSD

Tot Ion: 94 Resp: 11499

Ion Ratio Lower Upper

94 100

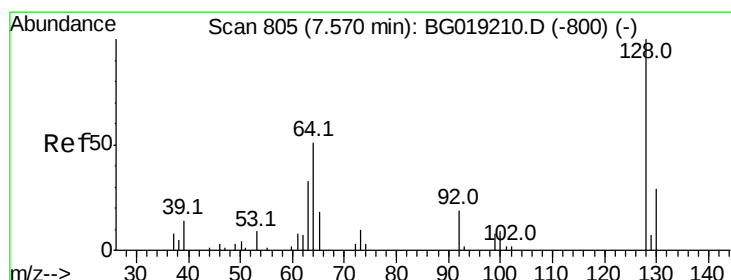
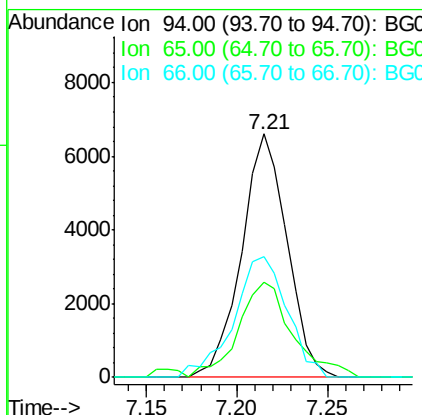
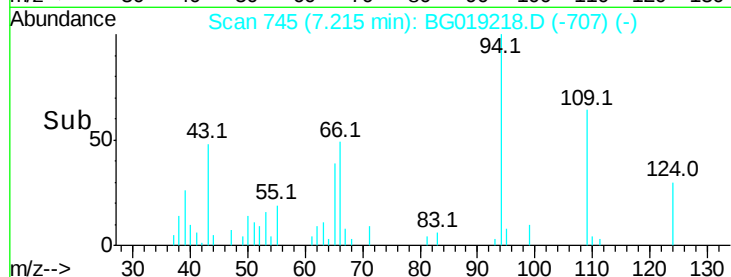
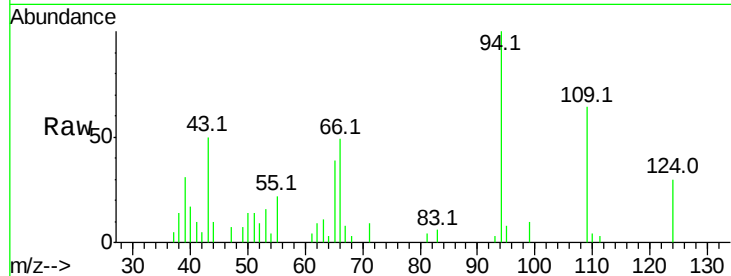
65 39.3 24.9 37.3#

66 49.4 29.1 43.7#

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#10

2-Chlorophenol

Concen: 23.03 ng/ul

RT: 7.58 min Scan# 807

Delta R.T. 0.01 min

Lab File: BG019218.D

Acq: 15 Oct 2015 23:01

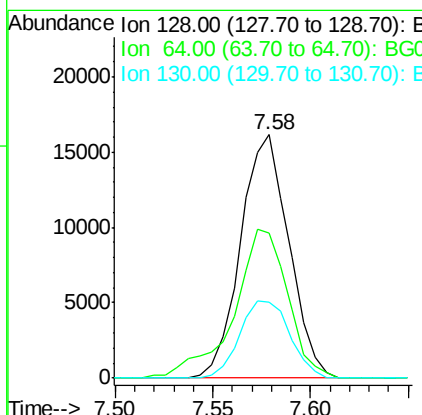
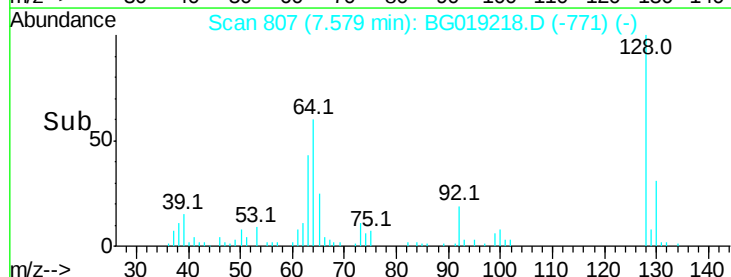
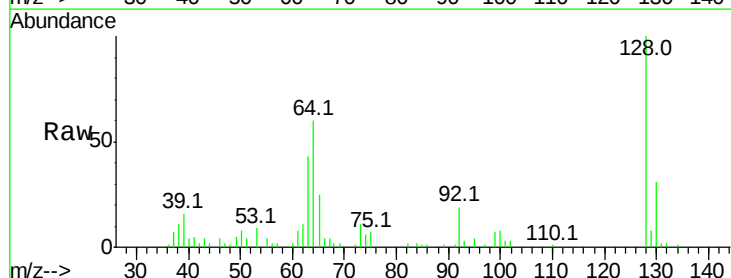
Tgt Ion: 128 Resp: 27640

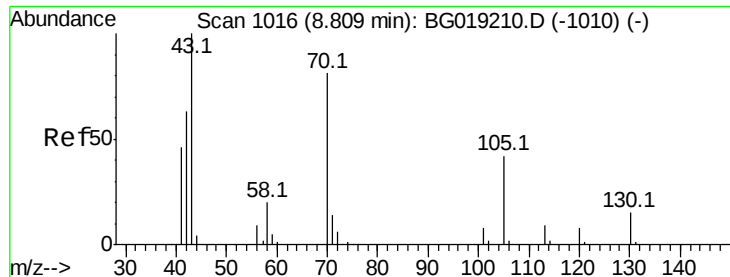
Ion Ratio Lower Upper

128 100

64 59.7 43.3 64.9

130 31.0 26.5 39.7





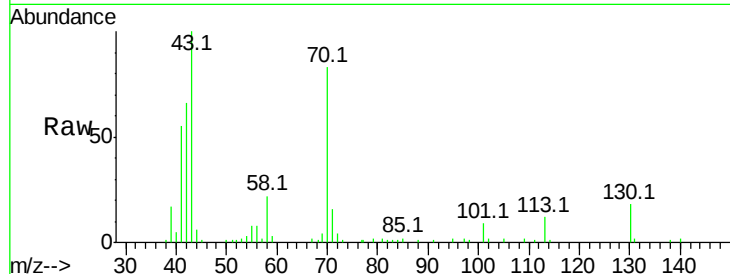
#15
N-Nitroso-di-n-propylamine
Concen: 26.09 ng/ul
RT: 8.81 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG019218.D
Acq: 15 Oct 2015 23:01

Instrument :
BNA_G
ClientSampleId :
E5LJ5MSD

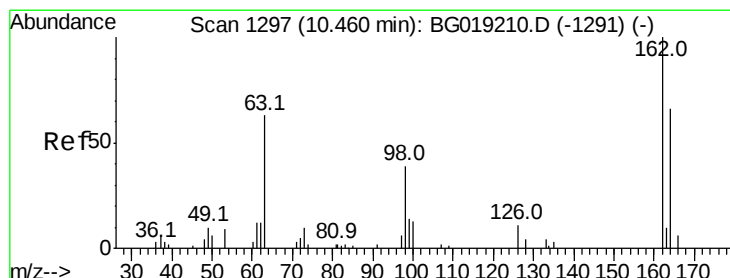
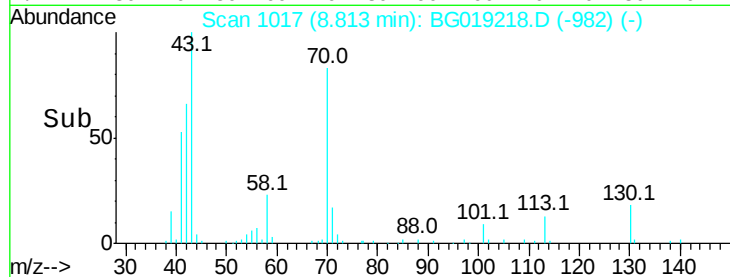
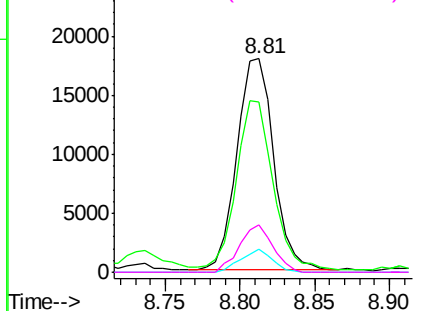
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		30580		
42	79.6	53.6	80.4		
101	10.8	7.9	11.9		
130	21.9	16.5	24.7		

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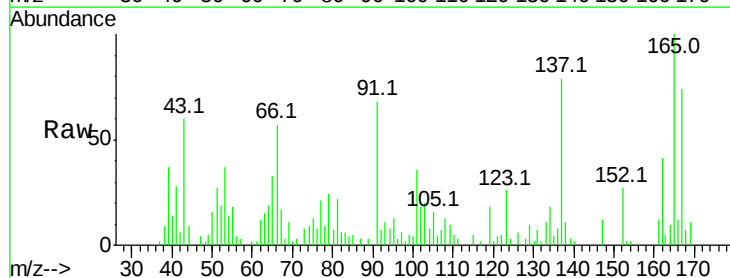


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

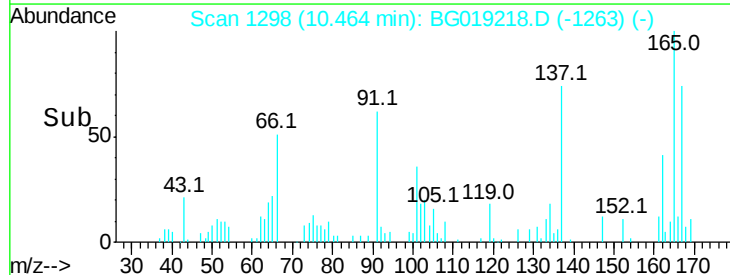
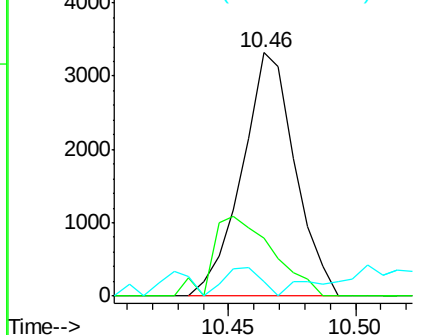


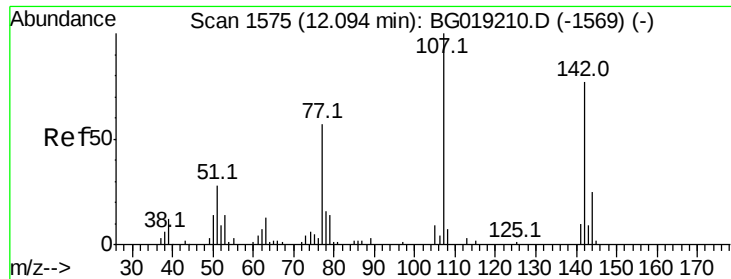
#27
2,4-Dichlorophenol
Concen: 3.46 ng/ul
RT: 10.46 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG019218.D
Acq: 15 Oct 2015 23:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
162	100		4843		
164	23.8	50.0	75.0#		
98	5.7	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





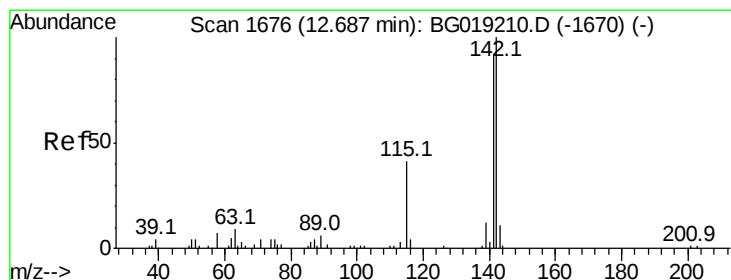
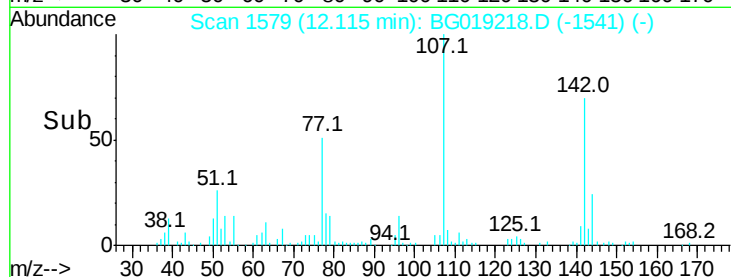
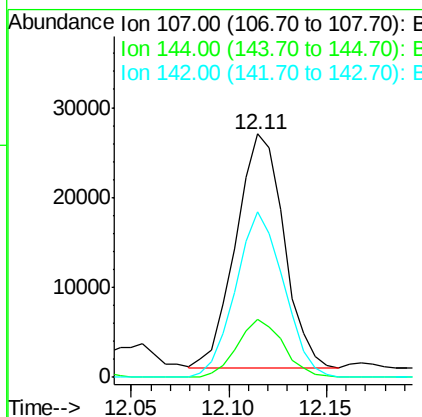
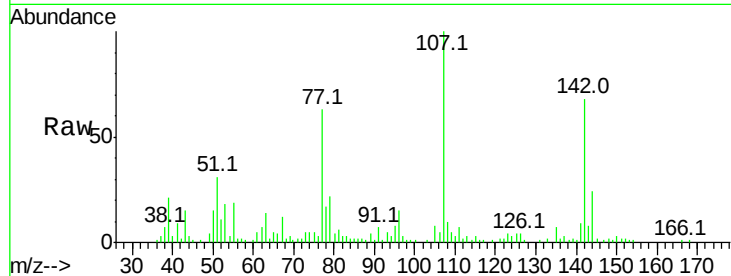
#33
 4-Chloro-3-methylphenol
 Concen: 25.24 ng/ul
 RT: 12.11 min Scan# 1579
 Delta R.T. 0.02 min
 Lab File: BG019218.D
 Acq: 15 Oct 2015 23:01

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ5MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.8	20.9	31.3	
142	68.2	65.6	98.4	

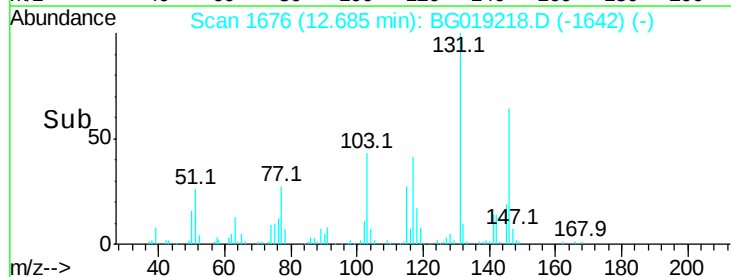
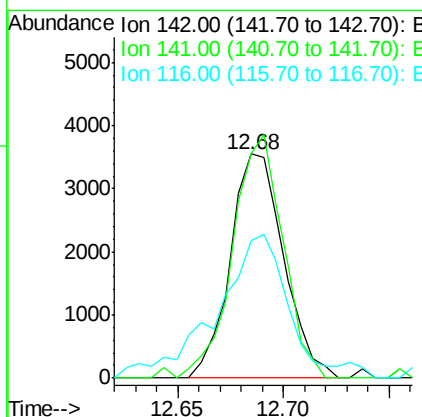
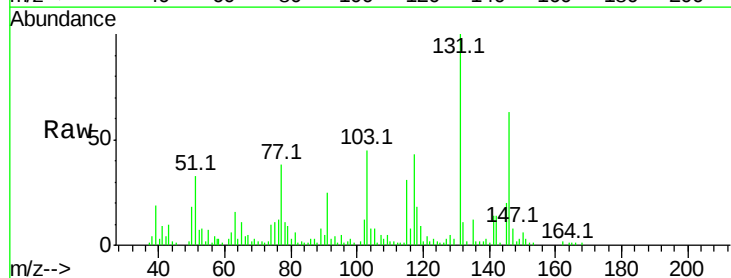
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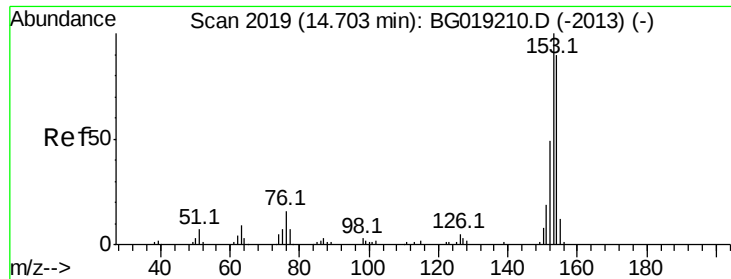
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#35
 1-Methylnaphthalene
 Concen: 1.79 ng/ul
 RT: 12.68 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BG019218.D
 Acq: 15 Oct 2015 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	100.2	74.8	112.2	
116	61.3	3.2	4.8#	





#50

Acenaphthene

Concen: 22.29 ng/ul

RT: 14.71 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BG019218.D

Acq: 15 Oct 2015 23:01

Instrument :

BNA_G

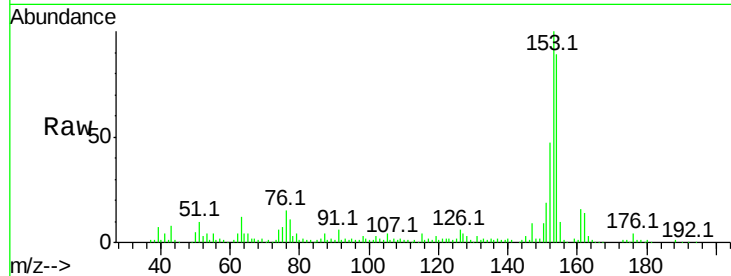
ClientSampleId :

E5LJ5MSD

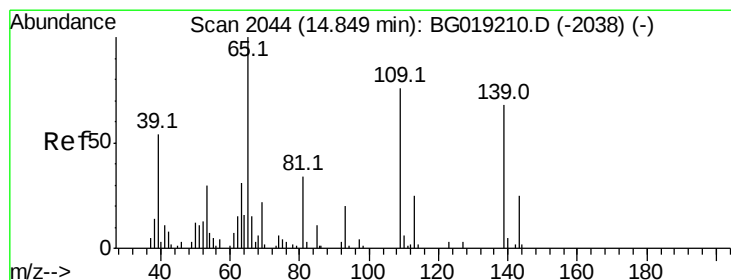
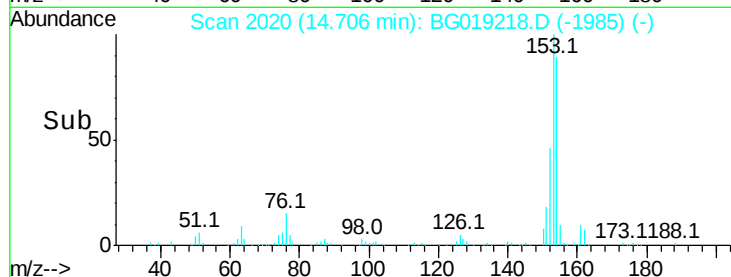
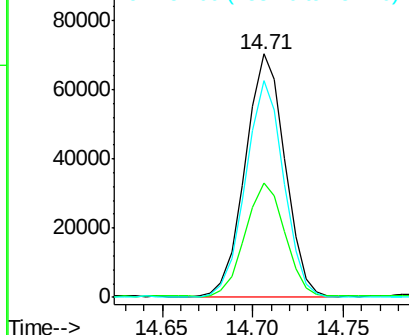
Tot Ion:	153	Resp:	106012
Ion Ratio	Lower	Upper	
153	100		
152	46.8	36.2	54.2
154	88.9	67.5	101.3

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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: 6.64 ng/ul m

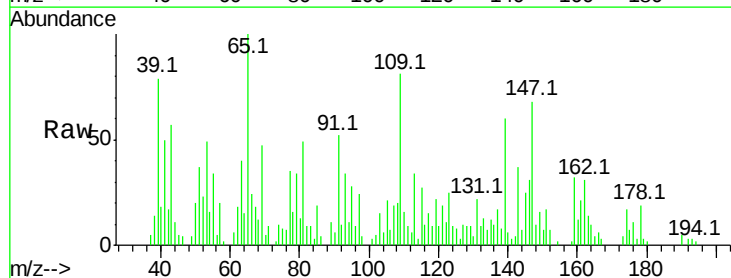
RT: 14.89 min Scan# 2051

Delta R.T. 0.04 min

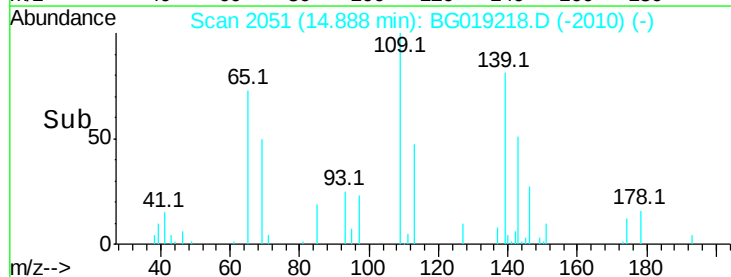
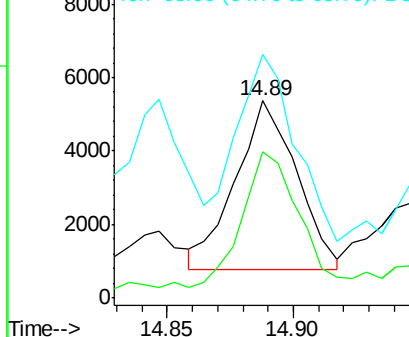
Lab File: BG019218.D

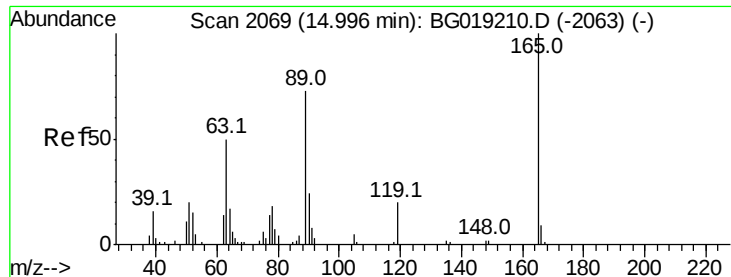
Acq: 15 Oct 2015 23:01

Tgt Ion:	109	Resp:	7771
Ion Ratio	Lower	Upper	
109	100		
139	74.0	97.9	146.9#
65	123.4	117.4	176.0



Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BGC





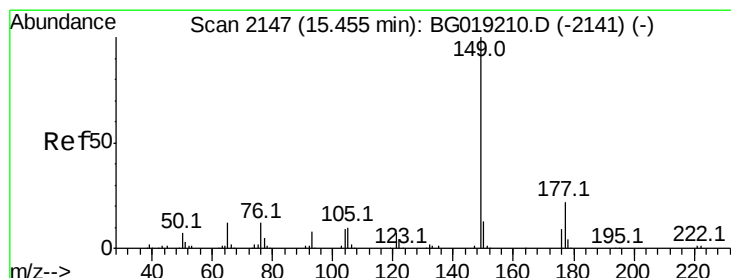
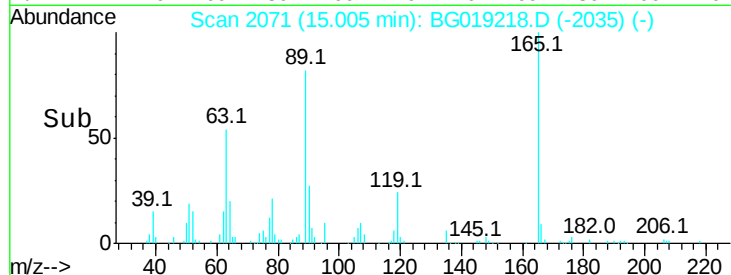
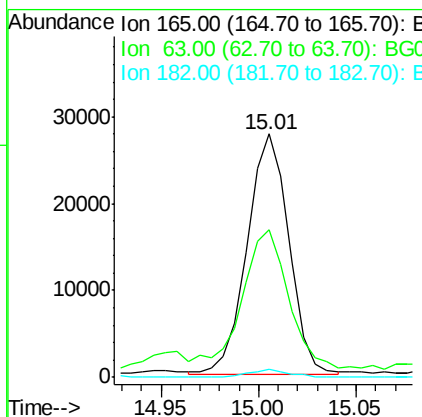
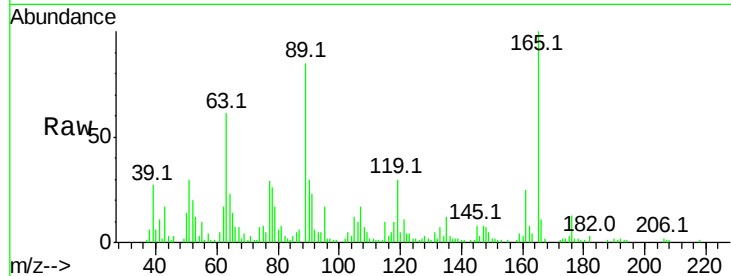
#55
 2,4-Dinitrotoluene
 Concen: 22.00 ng/ul
 RT: 15.01 min Scan# 2071
 Delta R.T. 0.01 min
 Lab File: BG019218.D
 Acq: 15 Oct 2015 23:01

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ5MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.7	39.5	59.3#
182	3.1	2.2	3.2

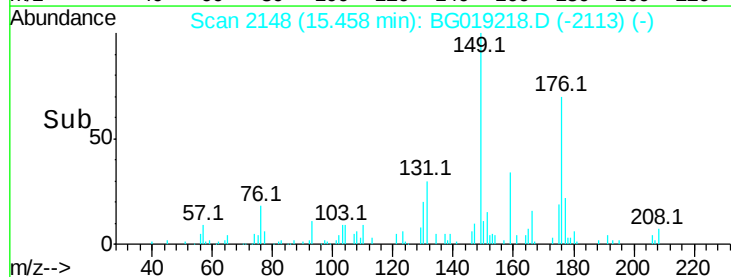
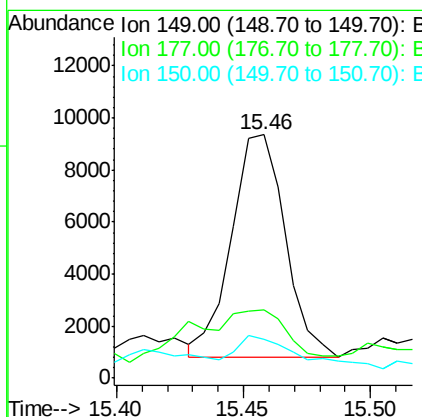
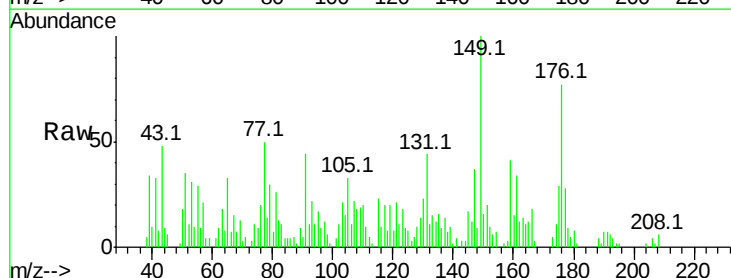
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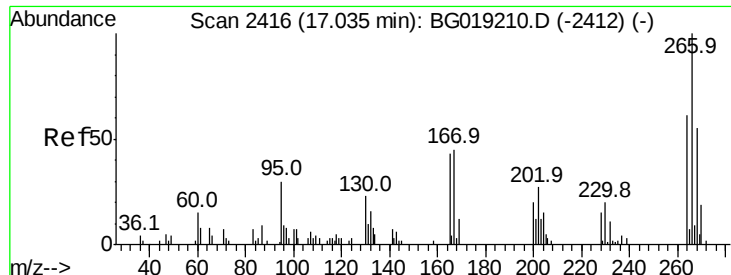
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#57
 Diethylphthalate
 Concen: 2.03 ng/ul
 RT: 15.46 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BG019218.D
 Acq: 15 Oct 2015 23:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	28.1	17.4	26.0#
150	16.1	10.0	15.0#





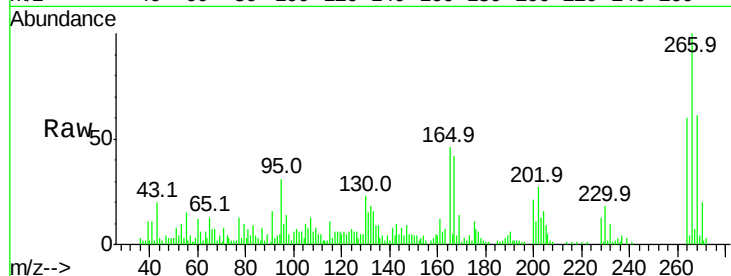
#69
 Pentachlorophenol
 Concen: 36.39 ng/ul
 RT: 17.04 min Scan# 2418
 Delta R.T. 0.01 min
 Lab File: BG019218.D
 Acq: 15 Oct 2015 23:01

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ5MSD

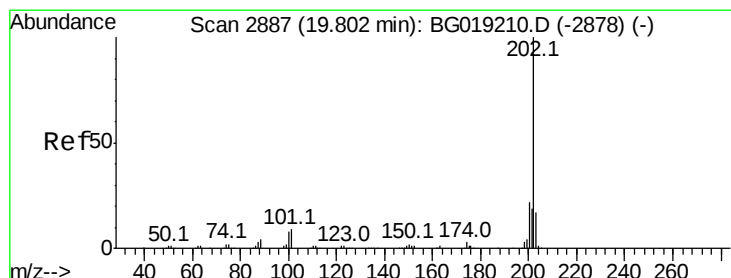
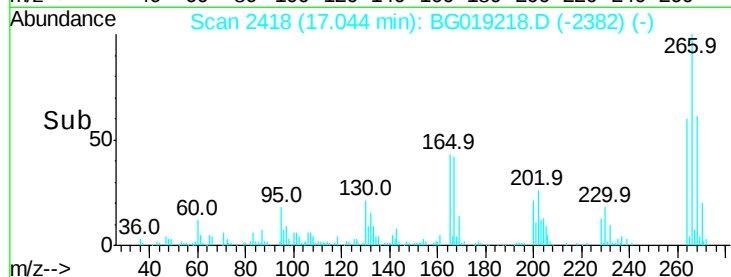
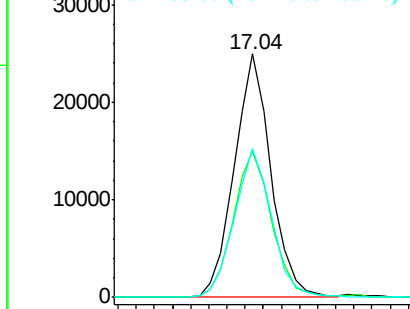
Tot Ion	Ratio	Resp	Lower	Upper
266	100	34993		
264	60.2		49.0	73.6
268	60.9		55.6	83.4

Manual Integrations
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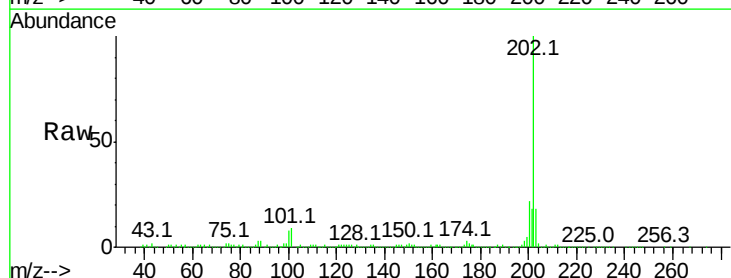


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 26.37 ng/ul m
 RT: 19.80 min Scan# 2887
 Delta R.T. -0.00 min
 Lab File: BG019218.D
 Acq: 15 Oct 2015 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	260533		
101	9.2		10.2	15.2#
100	8.3		8.5	12.7#



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

