

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
 Data File : BG018913.D
 Acq On : 26 Sep 2015 15:17
 Operator : UM/NP
 Sample : G3797-09MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9G77MSD

Manual Integrations
 APPROVED

MMDadoda
 9/28/2015 6:15:12 PM

Quant Time: Sep 28 04:12:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 28 00:51:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	43030	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	186452	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	127092	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.35	188	344461	20.00	ng/ul	0.00
78) Chrysene-d12	21.60	240	425298	20.00	ng/ul	0.00
86) Perylene-d12	24.78	264	424191	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	2121	2.37	ng/uL	0.00
5) Phenol-d5	7.16	99	48199	13.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	70530	34.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	90694	33.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	70611	24.63	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	51546	36.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	58017	40.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.41	165	103597	34.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	5952	1.71	ng/ul	0.00
44) Dimethylphthalate-d6	14.02	166	372229	36.39	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	392686	32.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	25453	12.97	ng/ul	0.00
58) Fluorene-d10	15.61	176	276404	30.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.72	200	52928	32.46	ng/ul	0.00
71) Anthracene-d10	17.45	188	258551	17.05	ng/ul	0.00
79) Pyrene-d10	19.74	212	538484	27.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.56	264	461790	22.37	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.19	94	54540	14.92	ng/ul#	87
10) 2-Chlorophenol	7.56	128	94832	34.23	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.79	70	79377	35.24	ng/ul#	84
33) 4-Chloro-3-methylphenol	12.07	107	116971	36.66	ng/ul	97
50) Acenaphthene	14.68	153	311003	35.80	ng/ul	98
53) 4-Nitrophenol	14.83	109	19848m	14.75	ng/ul	
55) 2,4-Dinitrotoluene	14.97	165	118093	39.79	ng/ul#	83
69) Pentachlorophenol	17.01	266	80897	37.08	ng/ul	95
80) Pyrene	19.77	202	882088	35.27	ng/ul	98

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

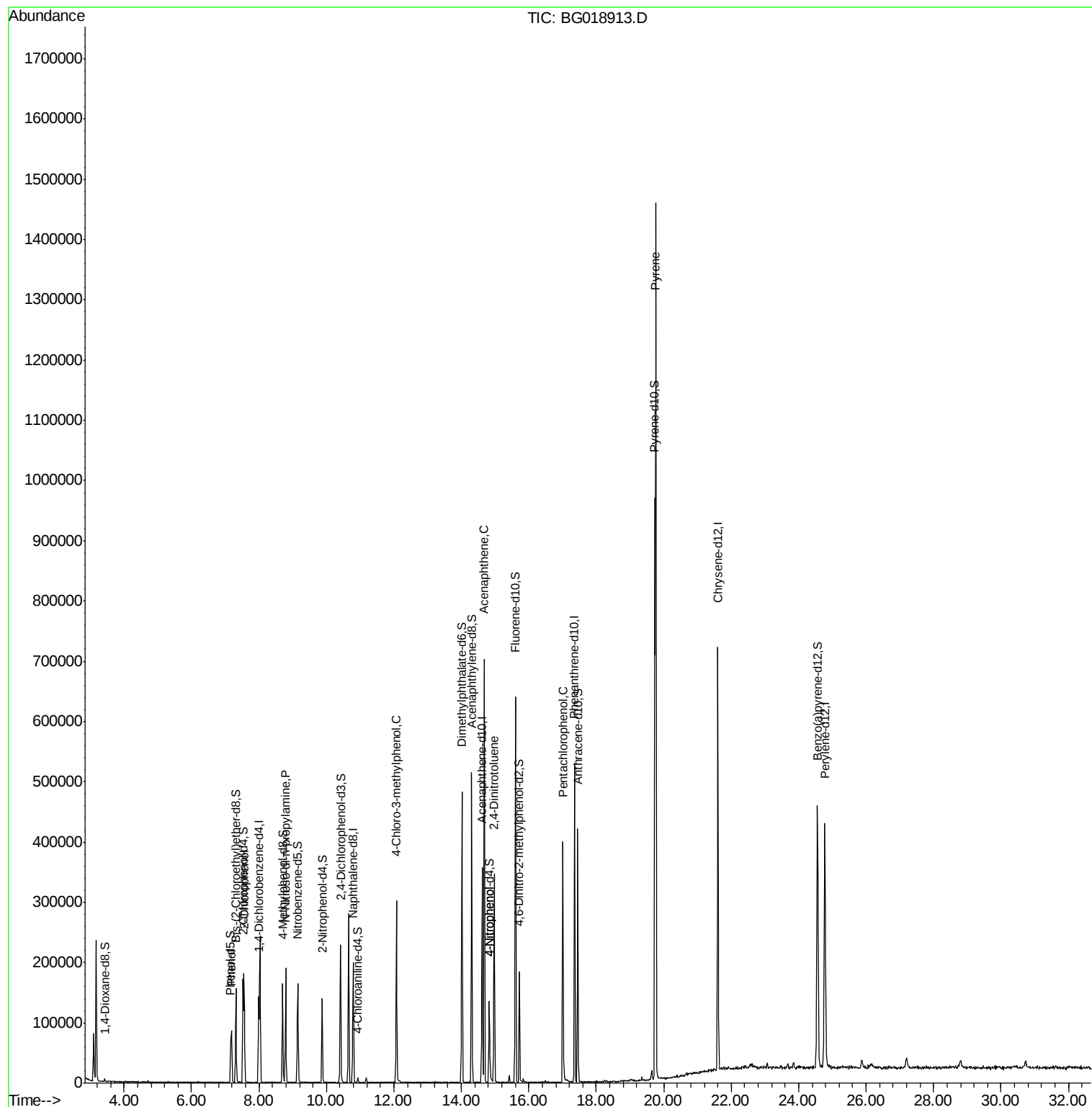
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018913.D
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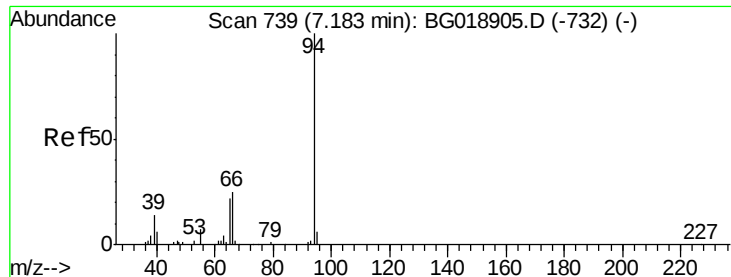
Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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Quant Time: Sep 28 04:12:36 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 28 00:51:47 2015
Response via : Initial Calibration





#6

Phenol

Concen: 14.92 ng/ul

RT: 7.19 min Scan# 740

Delta R.T. 0.00 min

Lab File: BG018913.D

Acq: 26 Sep 2015 15:17

Instrument :

BNA_G

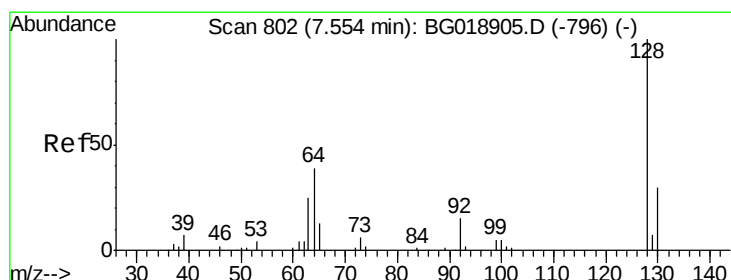
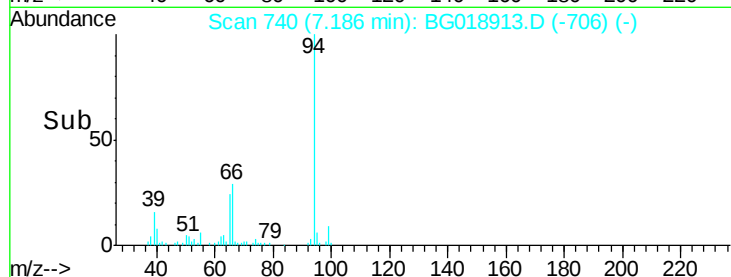
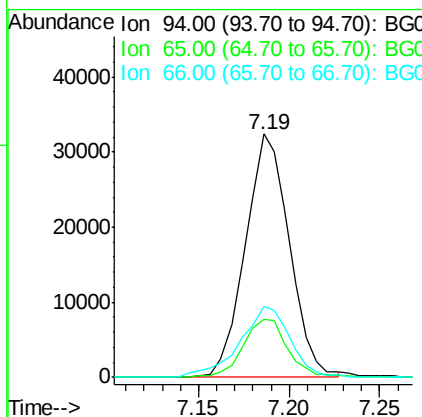
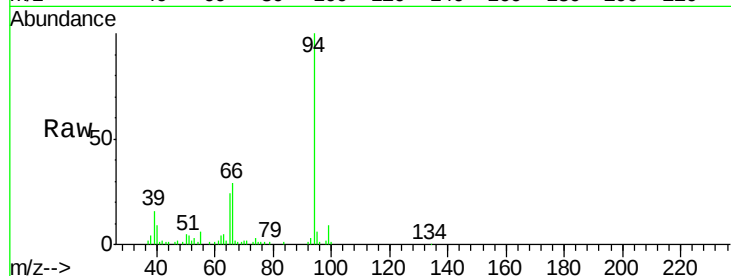
ClientSampleId :

D9G77MSD

Tgt Ion:	94	Resp:	54540
Ion Ratio	Lower	Upper	
94	100		
65	24.0	23.0	34.6
66	29.0	31.0	46.4#

Manual Integrations
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#10

2-Chlorophenol

Concen: 34.23 ng/ul

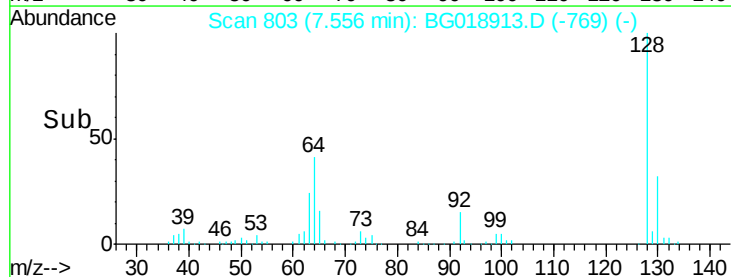
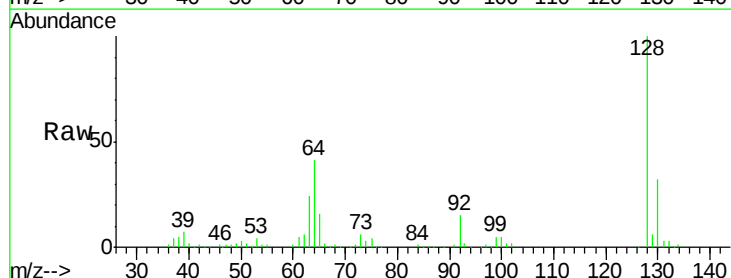
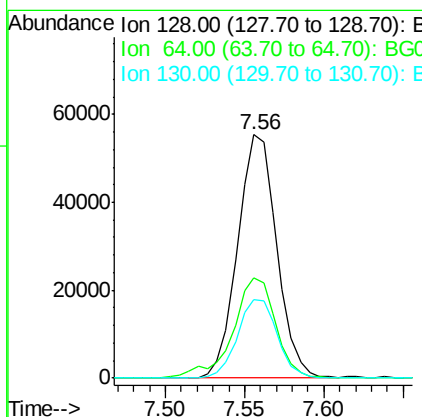
RT: 7.56 min Scan# 803

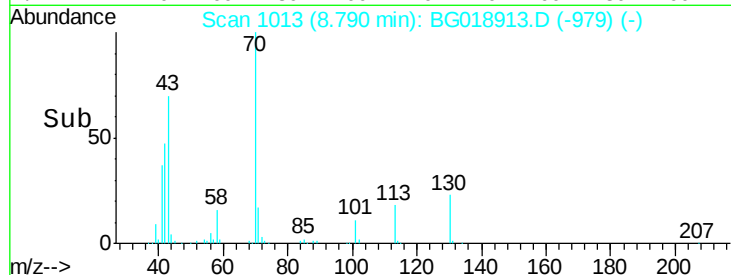
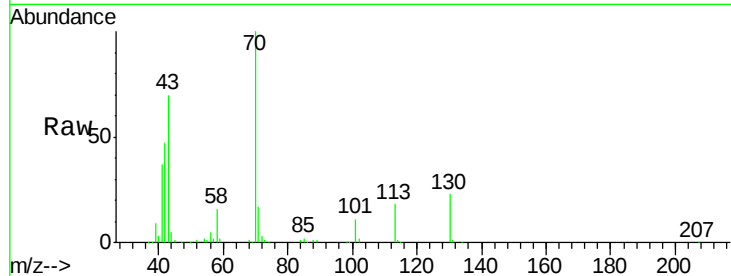
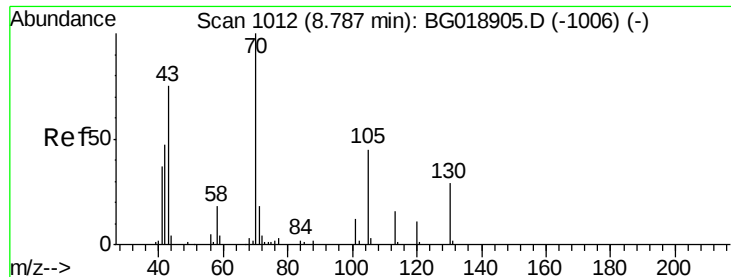
Delta R.T. 0.00 min

Lab File: BG018913.D

Acq: 26 Sep 2015 15:17

Tgt Ion:	128	Resp:	94832
Ion Ratio	Lower	Upper	
128	100		
64	41.1	40.9	61.3
130	32.3	24.5	36.7





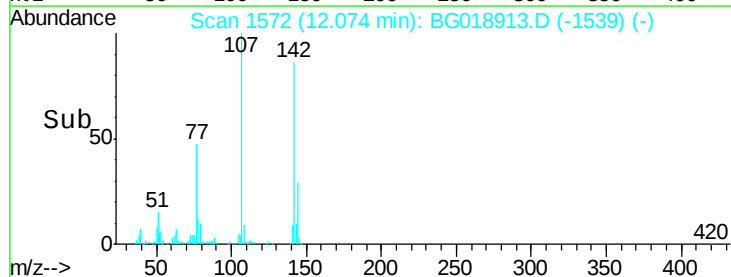
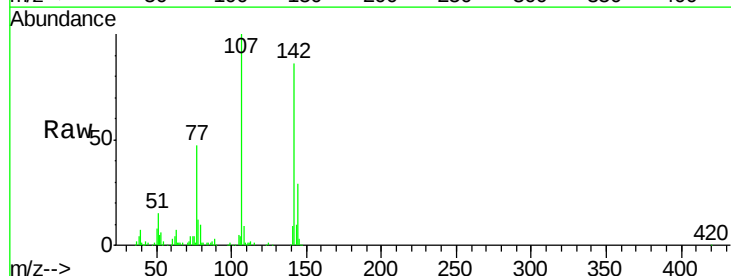
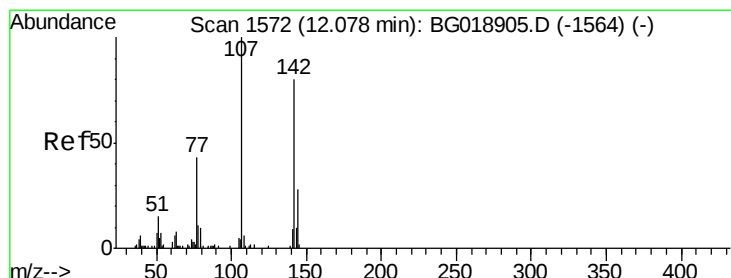
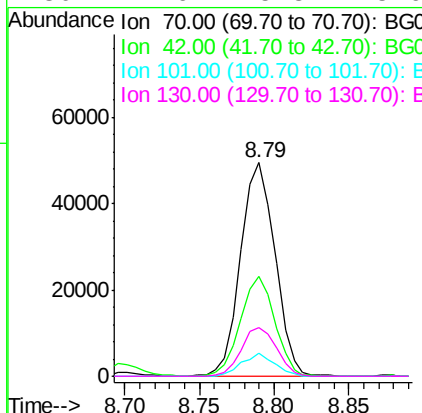
#15
N-Nitroso-di-n-propylamine
Concen: 35.24 ng/ul
RT: 8.79 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG018913.D
Acq: 26 Sep 2015 15:17

Instrument :
BNA_G
ClientSampleId :
D9G77MSD

Manual Integrations
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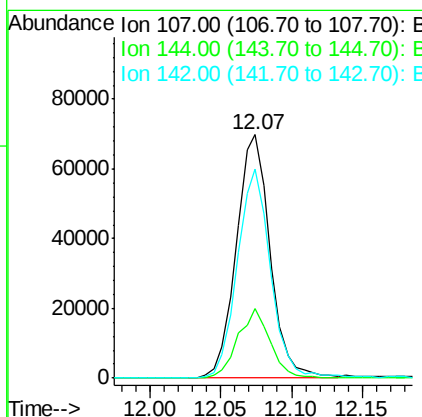
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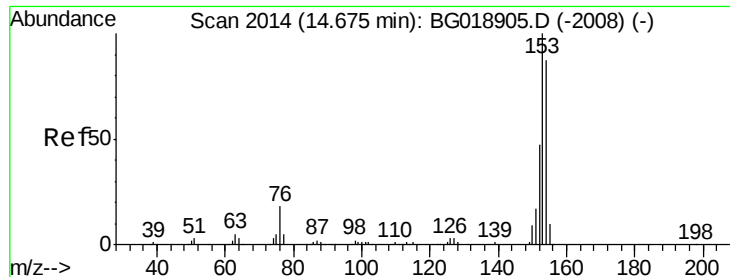
Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.6	50.7	76.1#
101	10.5	7.4	11.2
130	22.6	15.8	23.6



#33
4-Chloro-3-methylphenol
Concen: 36.66 ng/ul
RT: 12.07 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BG018913.D
Acq: 26 Sep 2015 15:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.6	21.4	32.2
142	85.7	66.0	99.0





#50

Acenaphthene

Concen: 35.80 ng/ul

RT: 14.68 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BG018913.D

Acq: 26 Sep 2015 15:17

Instrument :

BNA_G

ClientSampleId :

D9G77MSD

Tgt Ion:153 Resp: 311003

Ion Ratio Lower Upper

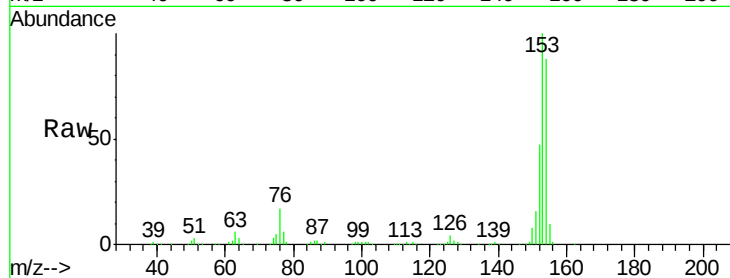
153 100

152 47.2 38.2 57.4

154 88.0 68.6 103.0

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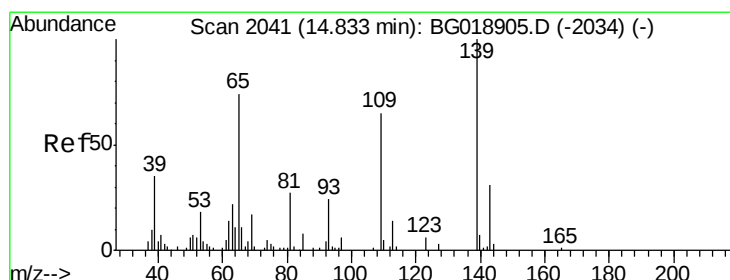
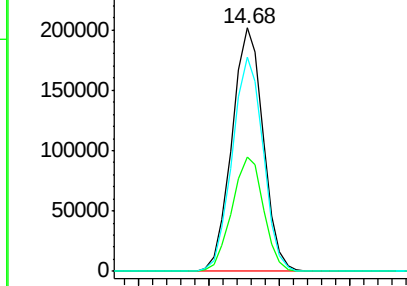
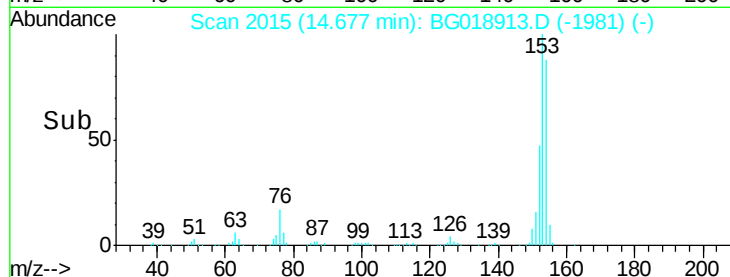
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 14.75 ng/ul m

RT: 14.83 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BG018913.D

Acq: 26 Sep 2015 15:17

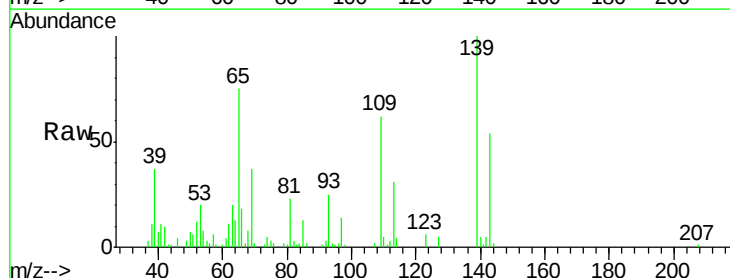
Tgt Ion:109 Resp: 19848

Ion Ratio Lower Upper

109 100

139 161.2 111.3 166.9

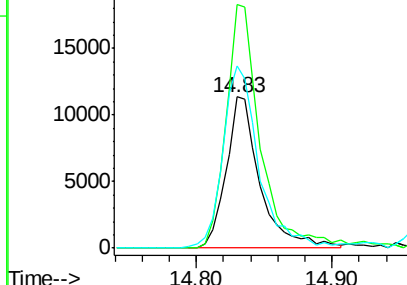
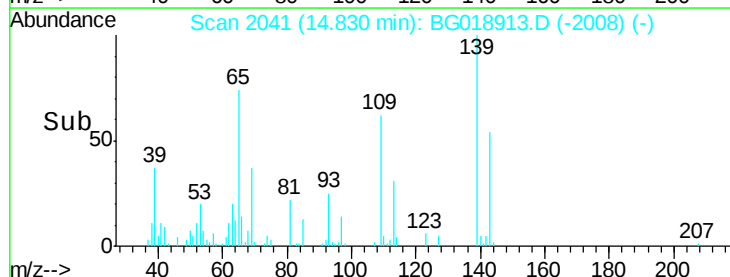
65 120.9 105.3 157.9

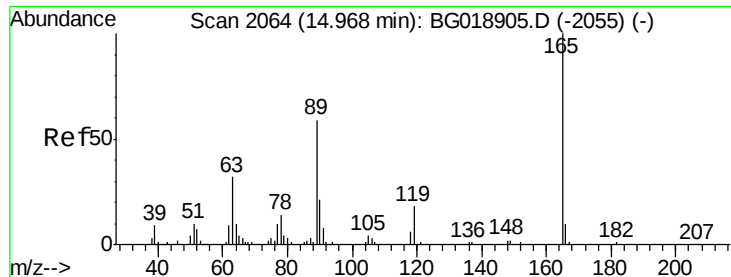


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG





#55

2,4-Dinitrotoluene

Concen: 39.79 ng/ul

RT: 14.97 min Scan# 2065

Delta R.T. 0.00 min

Lab File: BG018913.D

Acq: 26 Sep 2015 15:17

Instrument :

BNA_G

ClientSampleId :

D9G77MSD

Tgt Ion:165 Resp: 118093
Ion Ratio Lower Upper

165 100

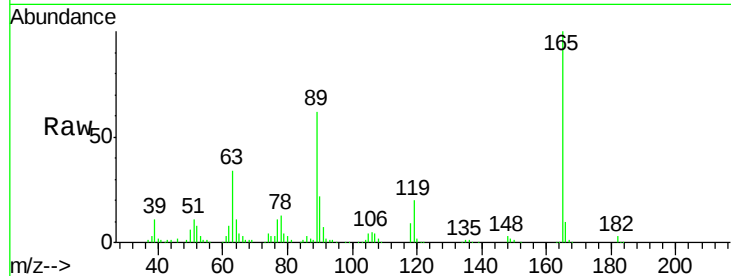
63 34.2 36.7 55.1#

182 2.7 2.2 3.2

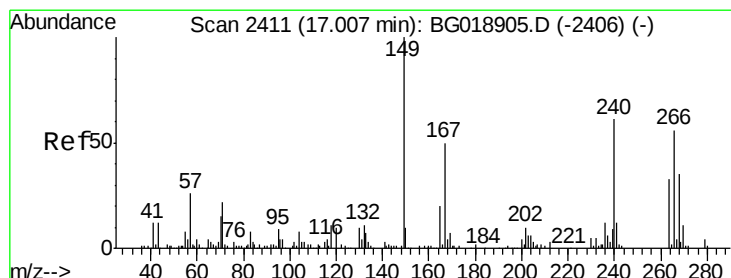
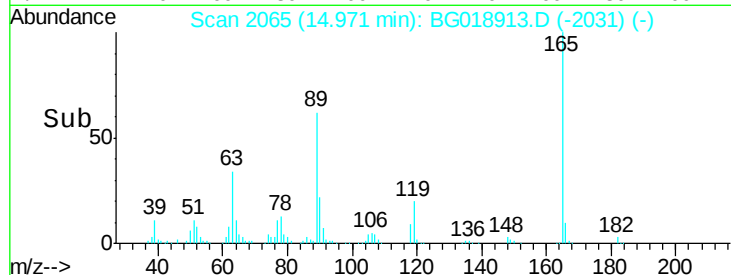
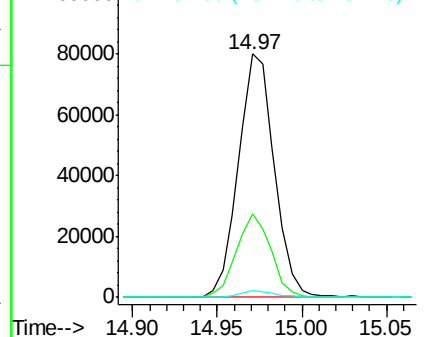
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 182.00 (181.70 to 182.70): E



#69

Pentachlorophenol

Concen: 37.08 ng/ul

RT: 17.01 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG018913.D

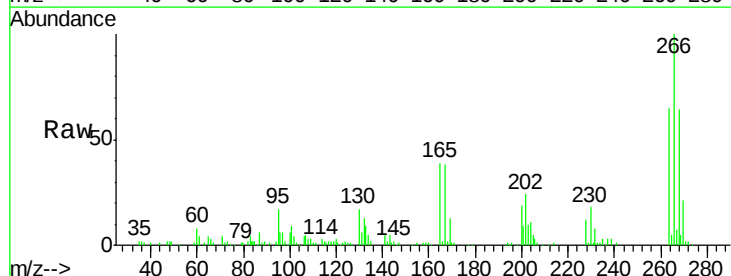
Acq: 26 Sep 2015 15:17

Tgt Ion:266 Resp: 80897
Ion Ratio Lower Upper

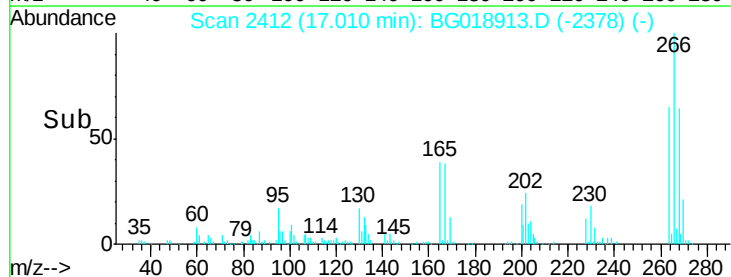
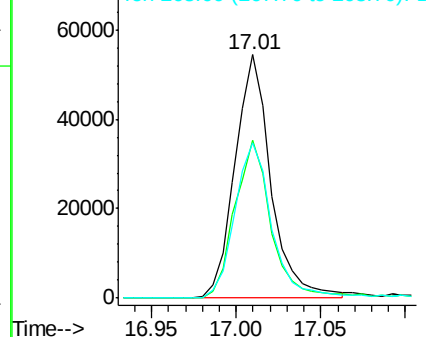
266 100

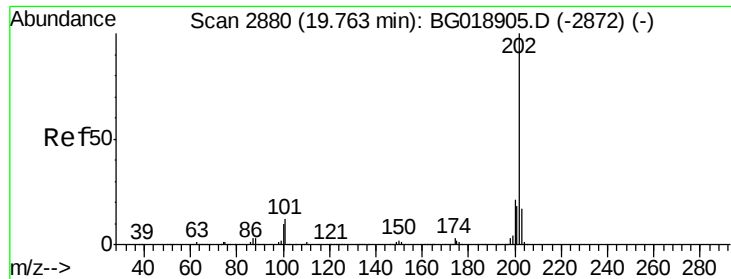
264 64.6 55.4 83.0

268 63.8 53.6 80.4



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: 35.27 ng/ul
 RT: 19.77 min Scan# 2881
 Delta R.T. 0.00 min
 Lab File: BG018913.D
 Acq: 26 Sep 2015 15:17

Instrument :
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Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		882088		
101	13.3	11.0	16.4		
100	11.4	9.8	14.6		

Manual Integrations
 APPROVED

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 9/28/2015 6:15:12 PM

