

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093015\
 Data File : BG018966.D
 Acq On : 30 Sep 2015 10:05
 Operator : UM/NP
 Sample : G3803-14MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E43K2MSD

Manual Integrations
 APPROVED

MMDadoda
 9/30/2015 6:13:06 PM

Quant Time: Sep 30 17:44:21 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 30 04:08:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	66037	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	281203	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	192048	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	518385	20.00	ng/ul	0.00
78) Chrysene-d12	21.62	240	570923	20.00	ng/ul	0.00
86) Perylene-d12	24.79	264	570916	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	1628	1.19	ng/uL	0.00
5) Phenol-d5	7.16	99	35880	6.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	77465	24.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.52	132	97352	23.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	65475	14.88	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	61269	28.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	66636	31.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.41	165	122461	27.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	8989	1.71	ng/ul	0.00
44) Dimethylphthalate-d6	14.02	166	442057	28.60	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	527713	28.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	17886	6.03	ng/ul	0.00
58) Fluorene-d10	15.60	176	404646	29.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.72	200	68958	28.10	ng/ul	0.00
71) Anthracene-d10	17.46	188	406251	17.80	ng/ul	0.00
79) Pyrene-d10	19.74	212	790105	30.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.58	264	695336	25.03	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.18	94	38910	6.94	ng/ul#	86
10) 2-Chlorophenol	7.55	128	95757	22.52	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.78	70	81847	23.68	ng/ul#	82
33) 4-Chloro-3-methylphenol	12.07	107	122260	25.40	ng/ul	95
50) Acenaphthene	14.68	153	362675	27.63	ng/ul	99
53) 4-Nitrophenol	14.84	109	12220m	6.01	ng/ul	
55) 2,4-Dinitrotoluene	14.98	165	137978	30.76	ng/ul#	82
69) Pentachlorophenol	17.01	266	71614	21.81	ng/ul	92
80) Pvrene	19.77	202	943231	28.10	ng/ul	98

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

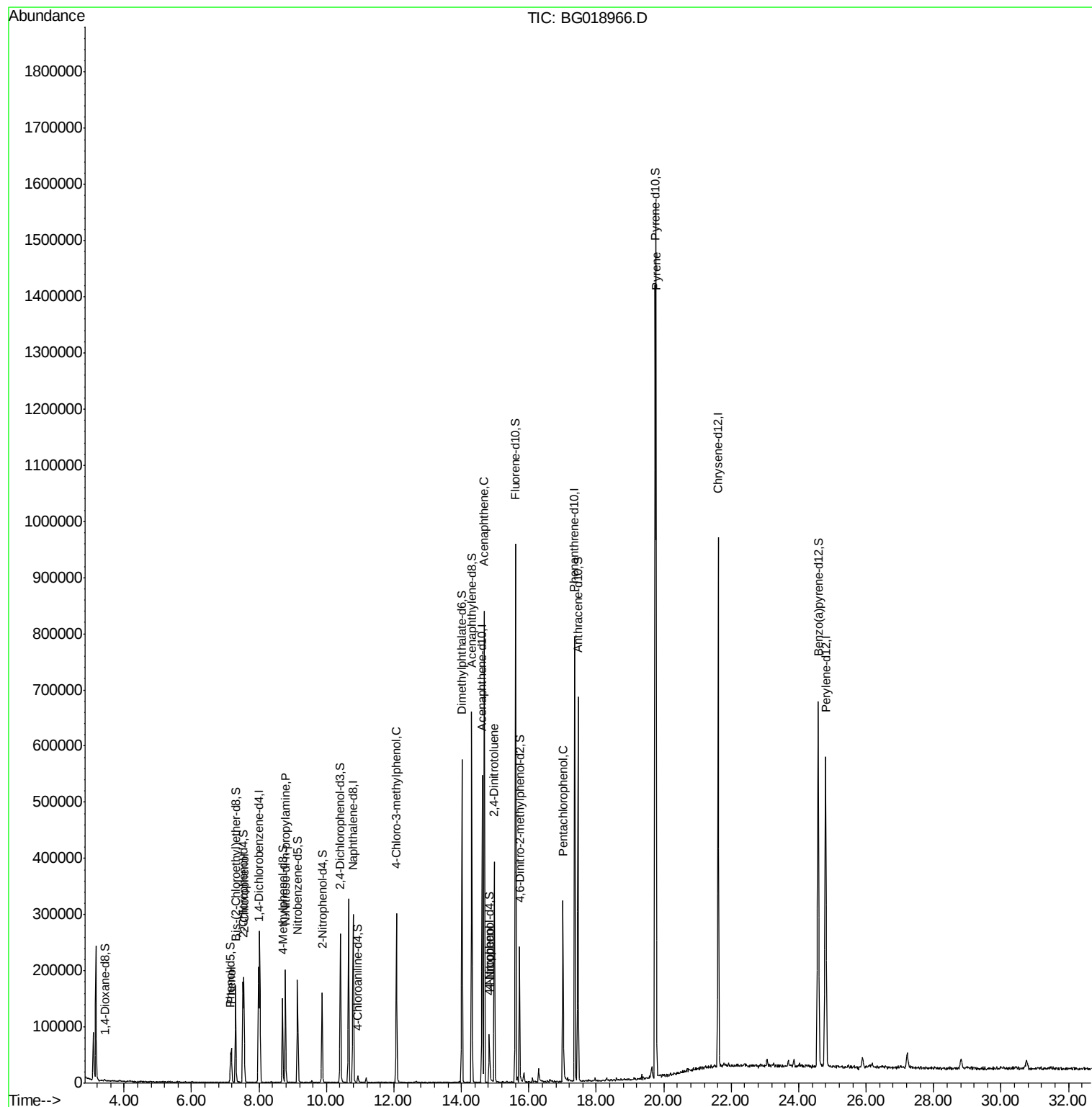
Data Path : Z:\HPCHEM1\BNA G\DATA\BG093015\
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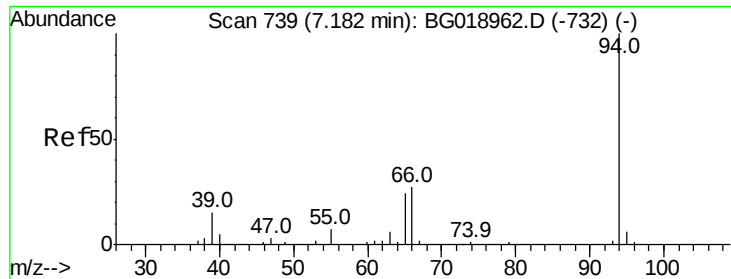
Instrument :
BNA_G
ClientSampleId :
E43K2MSD

Manual Integrations
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9/30/2015 6:13:06 PM

Quant Time: Sep 30 17:44:21 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 30 04:08:14 2015
Response via : Initial Calibration





#6

Phenol

Concen: 6.94 ng/ul

RT: 7.18 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG018966.D

Acq: 30 Sep 2015 10:05

Instrument :

BNA_G

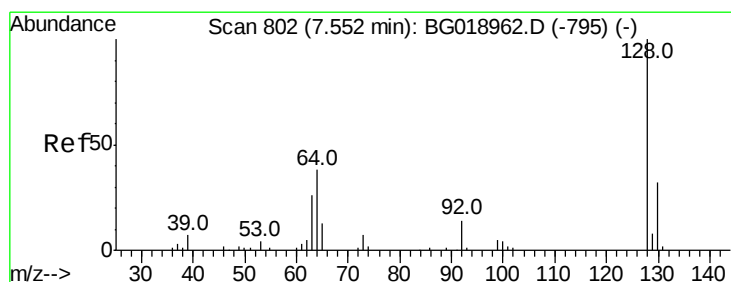
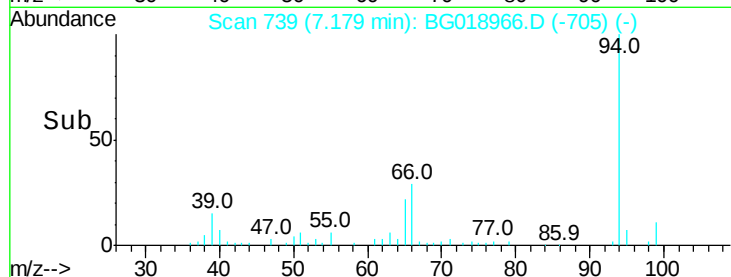
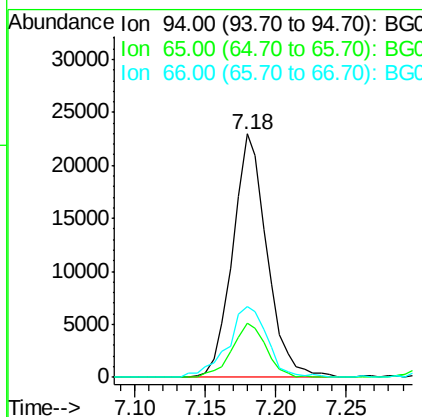
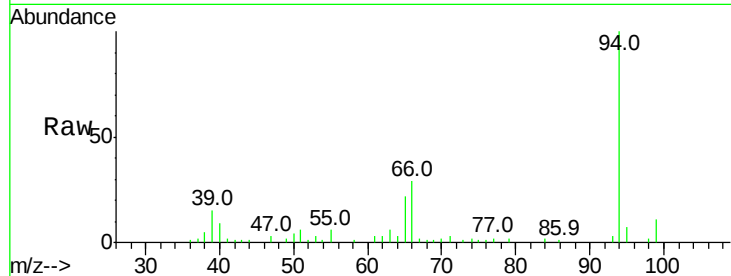
ClientSampleId :

E43K2MSD

Tot Ion:	94	Resp:	38910
Ion Ratio	Lower	Upper	
94	100		
65	22.2	23.0	34.6#
66	29.1	31.0	46.4#

Manual Integrations
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#10

2-Chlorophenol

Concen: 22.52 ng/ul

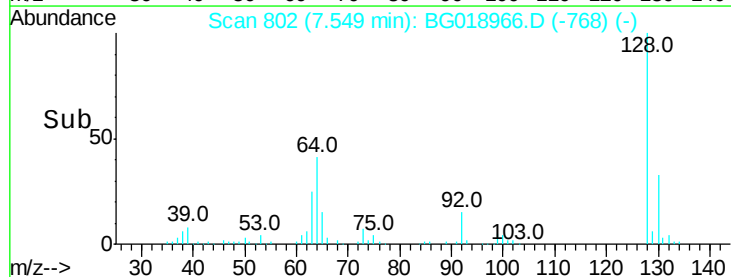
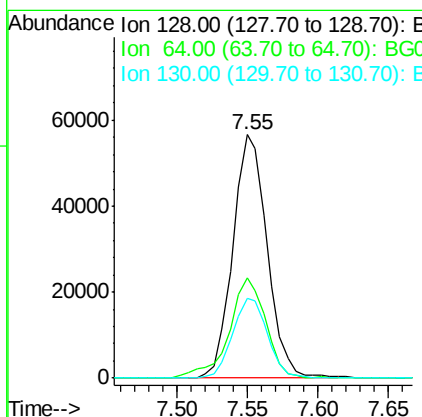
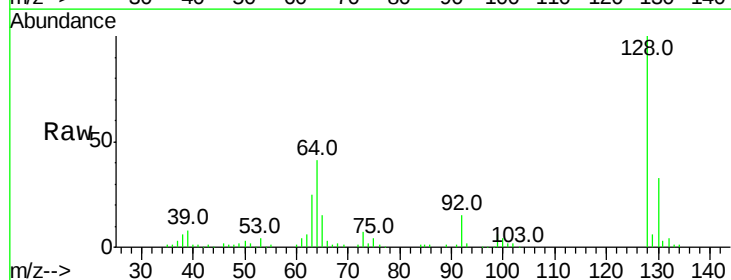
RT: 7.55 min Scan# 802

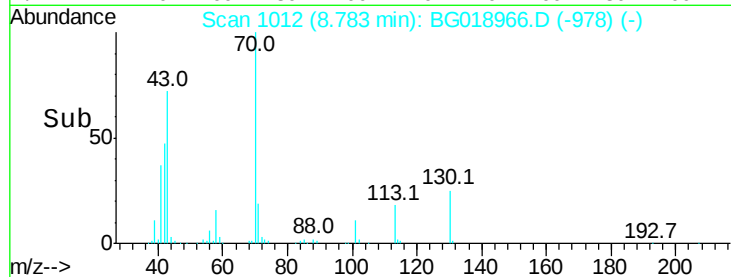
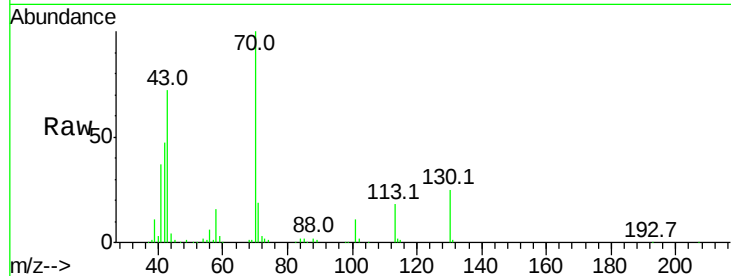
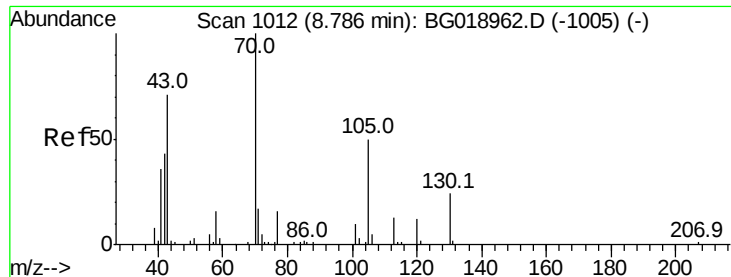
Delta R.T. -0.00 min

Lab File: BG018966.D

Acq: 30 Sep 2015 10:05

Tgt Ion:	128	Resp:	95757
Ion Ratio	Lower	Upper	
128	100		
64	41.4	40.9	61.3
130	32.6	24.5	36.7





#15

N-Nitroso-di-n-propylamine

Concen: 23.68 ng/ul

RT: 8.78 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BG018966.D

Acq: 30 Sep 2015 10:05

Instrument :

BNA_G

ClientSampleId :

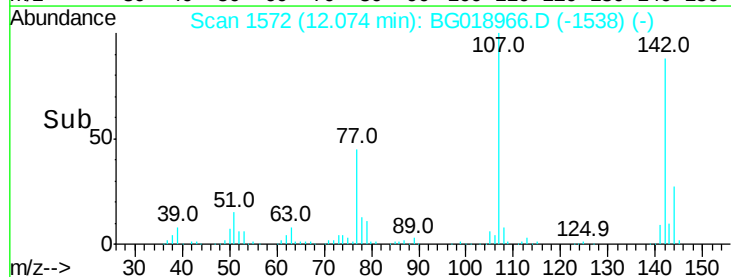
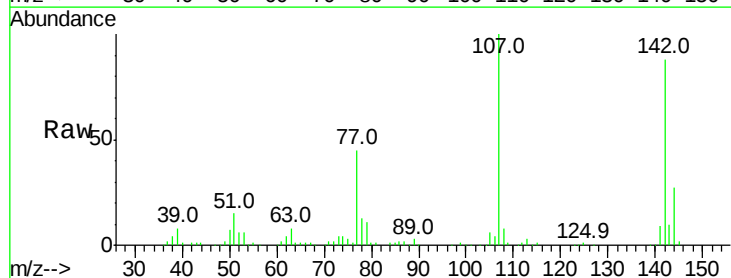
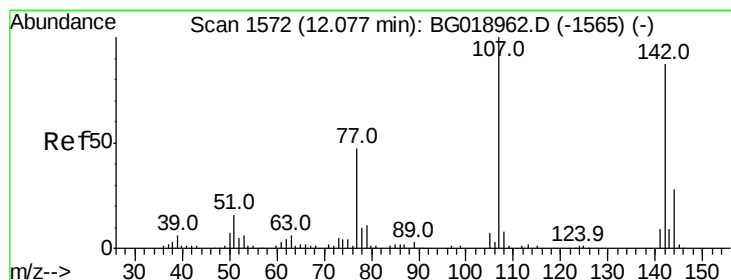
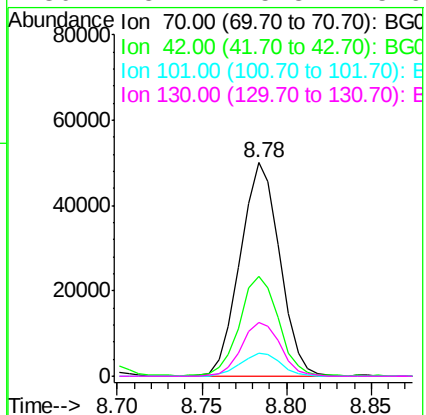
E43K2MSD

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Tot Ion	70	Resp	81847
Ion Ratio	Lower	Upper	
70	100		
42	46.6	50.7	76.1#
101	11.0	7.4	11.2
130	25.1	15.8	23.6#



#33

4-Chloro-3-methylphenol

Concen: 25.40 ng/ul

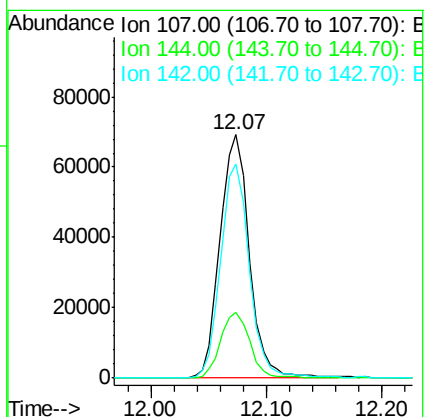
RT: 12.07 min Scan# 1572

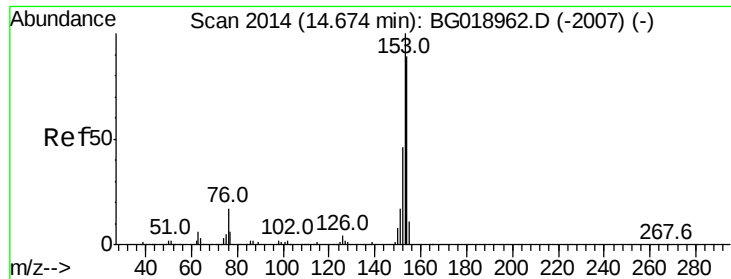
Delta R.T. -0.00 min

Lab File: BG018966.D

Acq: 30 Sep 2015 10:05

Tgt Ion	107	Resp	122260
Ion Ratio	Lower	Upper	
107	100		
144	26.9	21.4	32.2
142	87.8	66.0	99.0





#50

Acenaphthene

Concen: 27.63 ng/ul

RT: 14.68 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BG018966.D

Acq: 30 Sep 2015 10:05

Instrument :

BNA_G

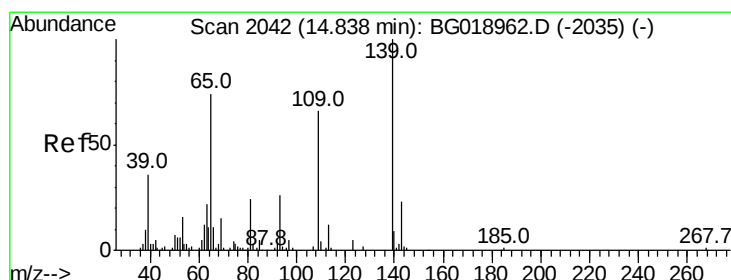
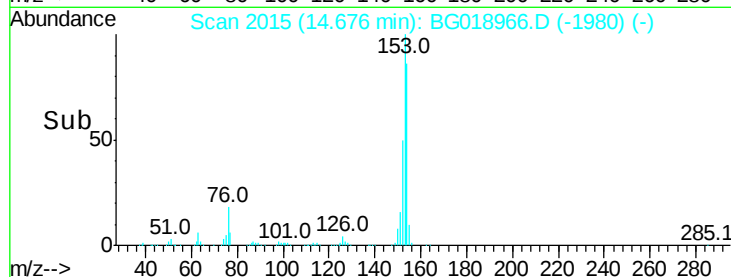
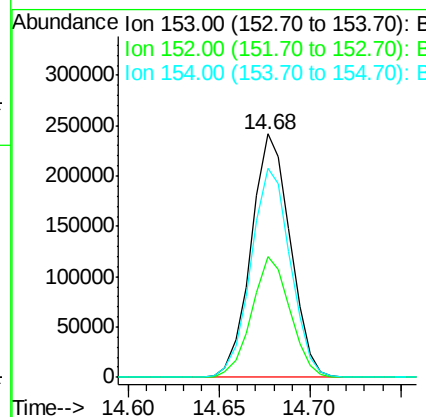
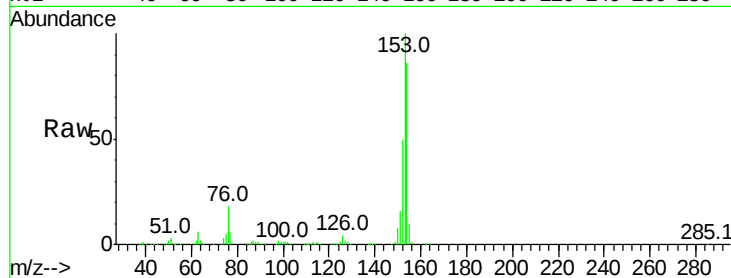
ClientSampleId :

E43K2MSD

Tot Ion:	153	Resp:	362675
Ion Ratio	Lower	Upper	
153	100		
152	49.6	38.2	57.4
154	86.0	68.6	103.0

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#53

4-Nitrophenol

Concen: 6.01 ng/ul m

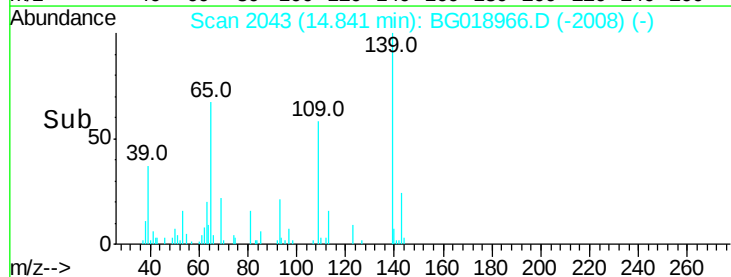
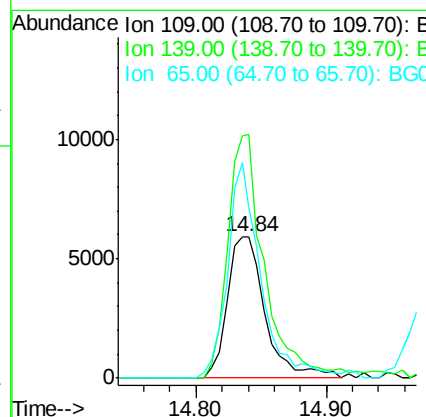
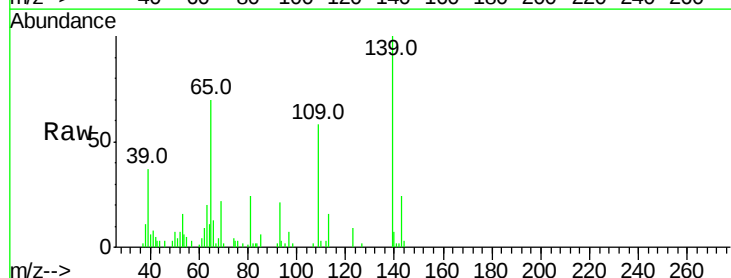
RT: 14.84 min Scan# 2043

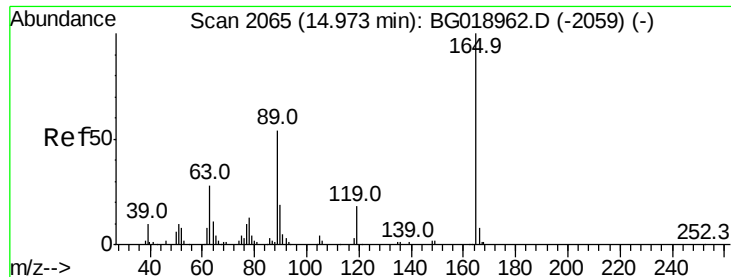
Delta R.T. 0.00 min

Lab File: BG018966.D

Acq: 30 Sep 2015 10:05

Tgt Ion:	109	Resp:	12220
Ion Ratio	Lower	Upper	
109	100		
139	171.8	111.3	166.9#
65	120.1	105.3	157.9





#55

2,4-Dinitrotoluene

Concen: 30.76 ng/ul

RT: 14.98 min Scan# 2066

Delta R.T. 0.00 min

Lab File: BG018966.D

Acq: 30 Sep 2015 10:05

Instrument :

BNA_G

ClientSampleId :

E43K2MSD

Tot Ion:165 Resp: 137978

Ion Ratio Lower Upper

165 100

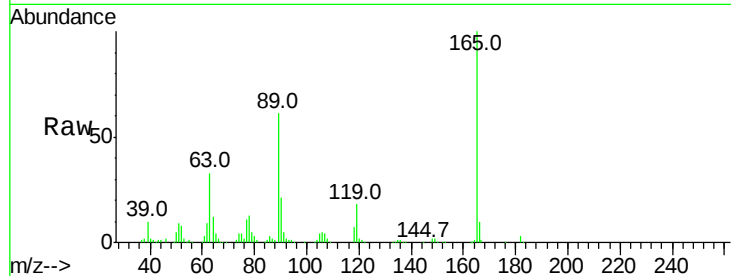
63 33.0 36.7 55.1#

182 2.6 2.2 3.2

Manual Integrations
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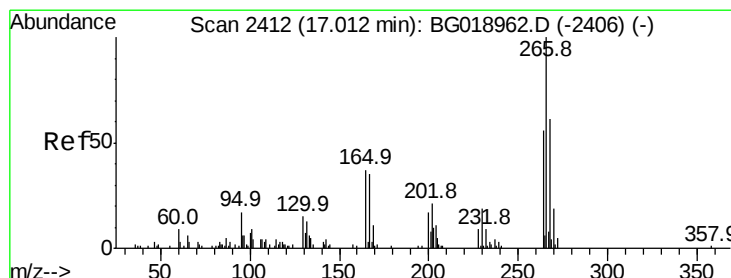
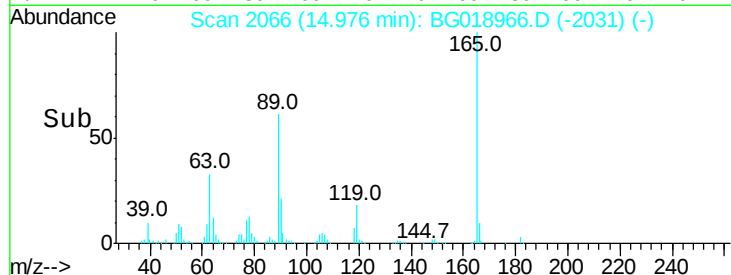
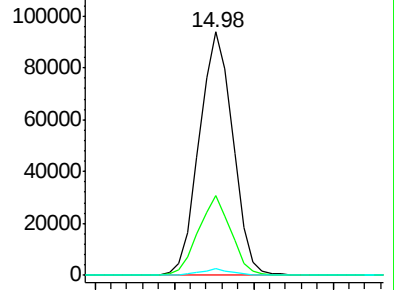
9/30/2015 6:13:06 PM



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: 21.81 ng/ul

RT: 17.01 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BG018966.D

Acq: 30 Sep 2015 10:05

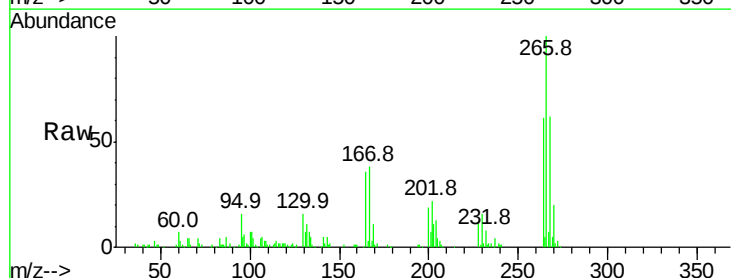
Tgt Ion:266 Resp: 71614

Ion Ratio Lower Upper

266 100

264 61.1 55.4 83.0

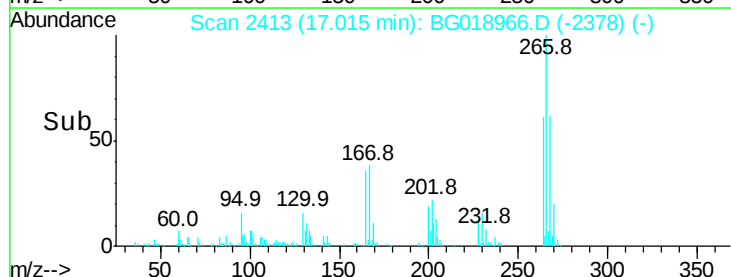
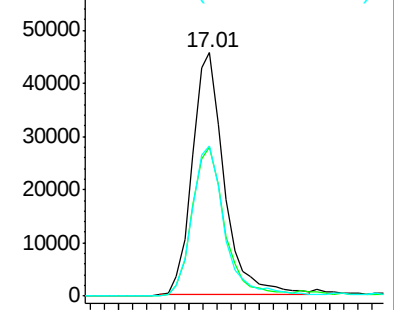
268 61.7 53.6 80.4

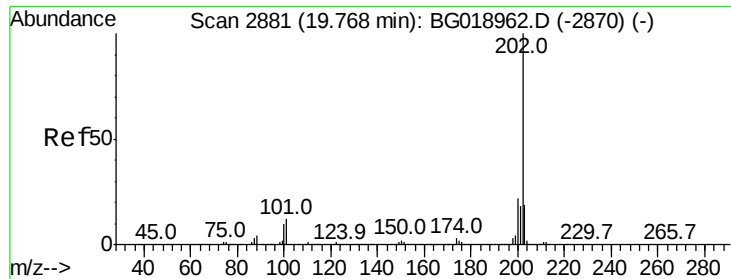


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#80
 Pvrene
 Concen: 28.10 ng/ul
 RT: 19.77 min Scan# 2882
 Delta R.T. 0.00 min
 Lab File: BG018966.D
 Acq: 30 Sep 2015 10:05

Instrument :
 BNA_G
 ClientSampleId :
 E43K2MSD

Tot Ion:	202	Resp:	943231
Ion Ratio	Lower	Upper	
202	100		
101	12.8	11.0	16.4
100	11.2	9.8	14.6

Manual Integrations
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 9/30/2015 6:13:06 PM

