

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
 Data File : BG024912.D
 Acq On : 23 Nov 2016 18:30
 Operator : UM/SJ
 Sample : H5716-14MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4WH5MSD

Manual Integrations
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Quant Time: Nov 24 01:21:08 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 24 01:09:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	65587	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	295706	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	274879	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	674019m	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	904516	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	916106	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	2515	1.82	ng/uL	0.00
5) Phenol-d5	7.38	99	41323	6.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	127282	34.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	114824	26.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	80929	15.51	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	77421	33.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	90808	33.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	157595	28.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	6766	1.11	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	668671	33.08	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	691307	31.09	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	26239	7.38	ng/ul	0.00
57) Fluorene-d10	15.86	176	582160	31.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	152807m	31.94	ng/ul	0.00
70) Anthracene-d10	17.71	188	1042224	33.99	ng/ul	0.00
76) Pyrene-d10	19.98	212	1367576	33.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	1422975	34.93	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.42	94	53232	8.52	ng/ul	91
10) 2-Chlorophenol	7.81	128	104807	25.17	ng/ul	86
15) N-Nitroso-di-n-propylamine	9.04	70	137138	30.56	ng/ul	90
33) 4-Chloro-3-methylphenol	12.33	107	174065	26.02	ng/ul	97
49) Acenaphthene	14.93	153	438494	29.65	ng/ul	98
52) 4-Nitrophenol	15.06	109	29510	7.12	ng/ul	93
54) 2,4-Dinitrotoluene	15.22	165	217850	34.13	ng/ul#	94
68) Pentachlorophenol	17.26	266	188483	34.55	ng/ul	96
77) Pyrene	20.01	202	1535153	32.75	ng/ul	98

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

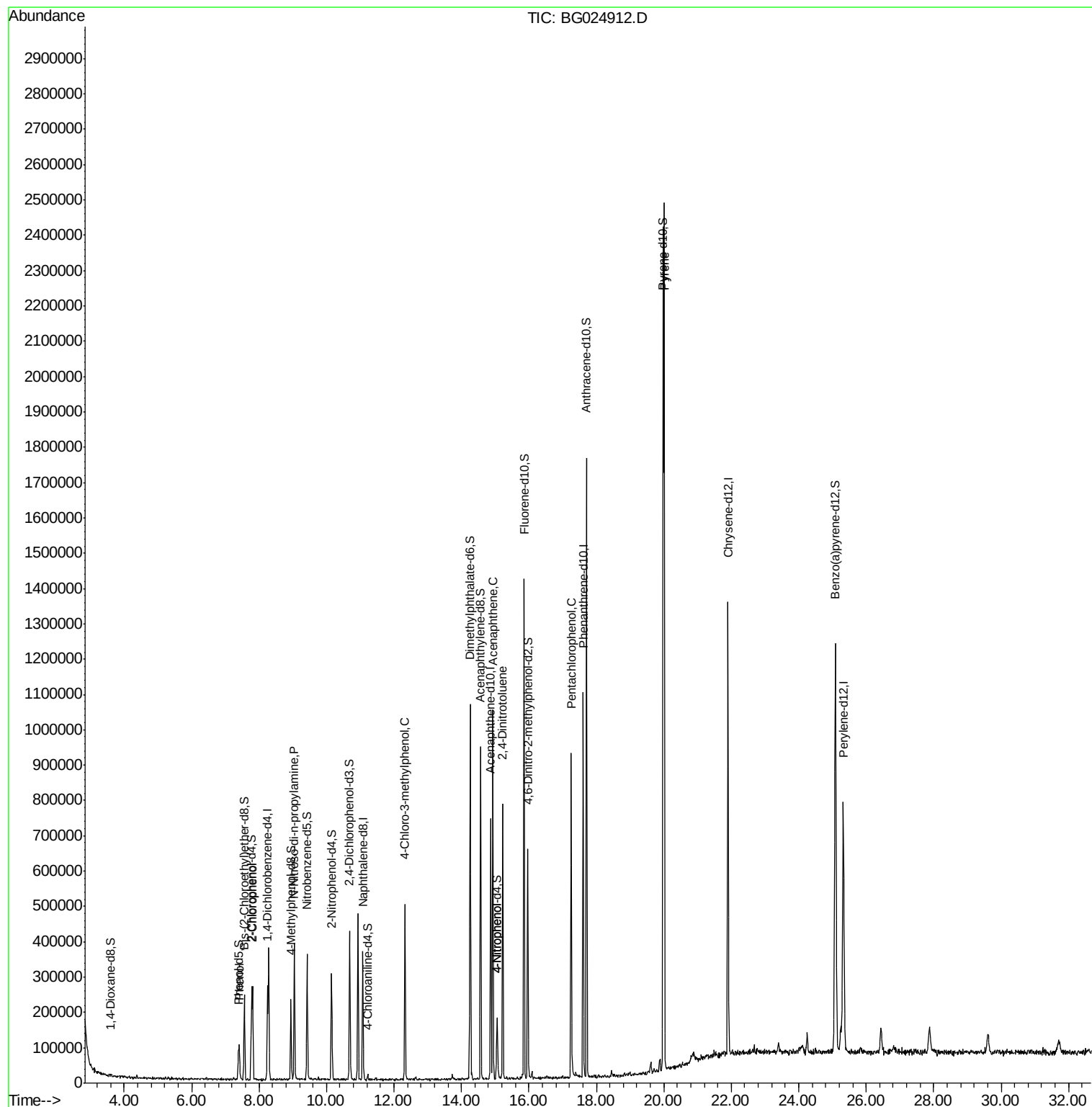
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112316\
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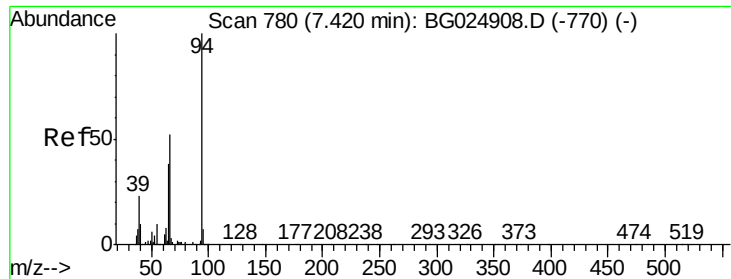
Instrument :
BNA_G
ClientSampleId :
A4WH5MSD

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Quant Time: Nov 24 01:21:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:09:55 2016
Response via : Initial Calibration





#6

Phenol

Concen: 8.52 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG024912.D

Acq: 23 Nov 2016 18:30

Instrument :

BNA_G

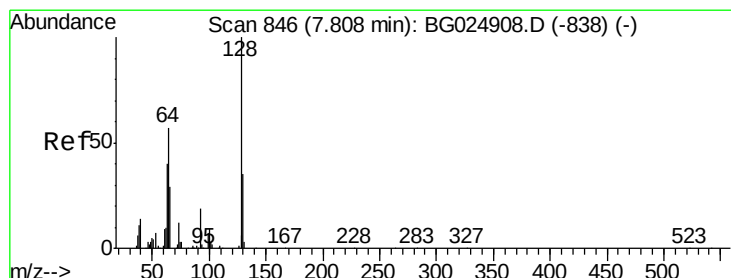
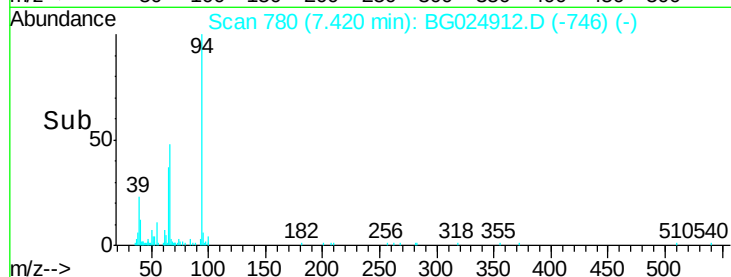
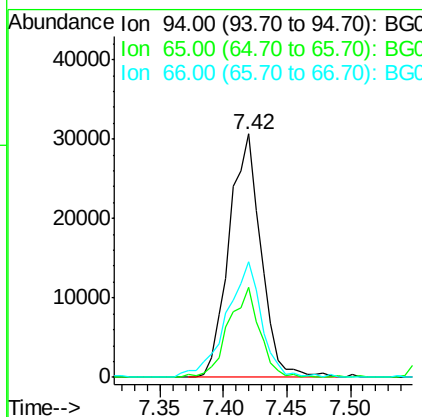
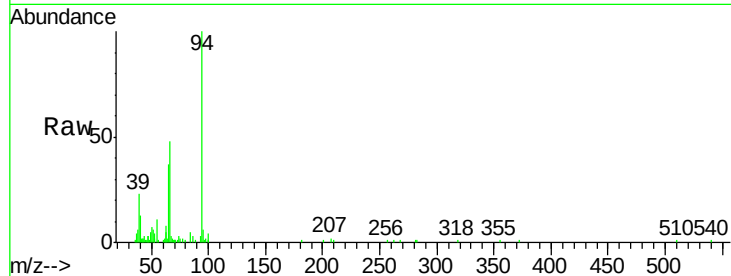
ClientSampleId :

A4WH5MSD

Tgt Ion:	94	Resp:	53232
Ion Ratio	Lower	Upper	
94	100		
65	36.9	26.8	40.2
66	47.7	44.4	66.6

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#10

2-Chlorophenol

Concen: 25.17 ng/ul

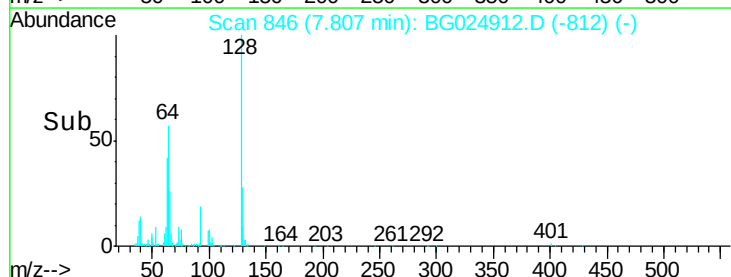
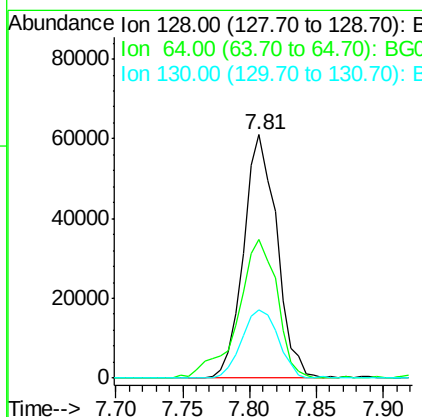
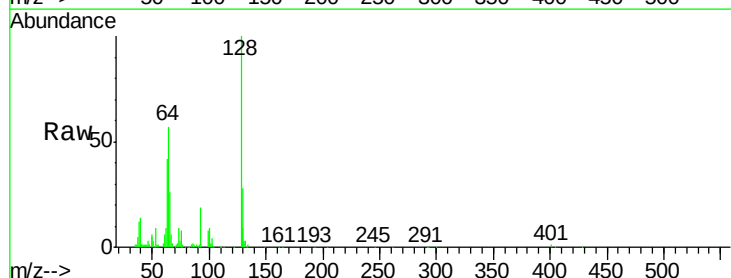
RT: 7.81 min Scan# 846

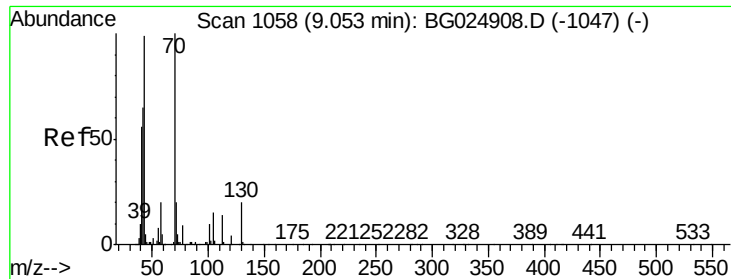
Delta R.T. -0.00 min

Lab File: BG024912.D

Acq: 23 Nov 2016 18:30

Tgt Ion:	128	Resp:	104807
Ion Ratio	Lower	Upper	
128	100		
64	56.7	56.3	84.5
130	28.2	26.7	40.1





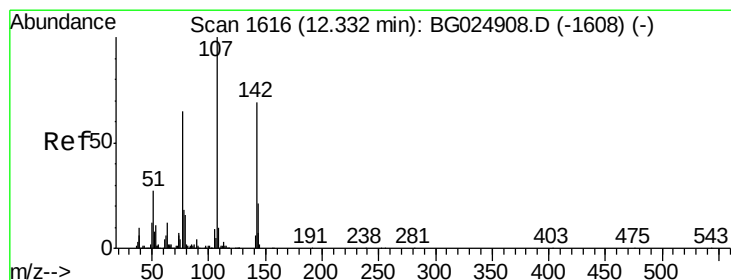
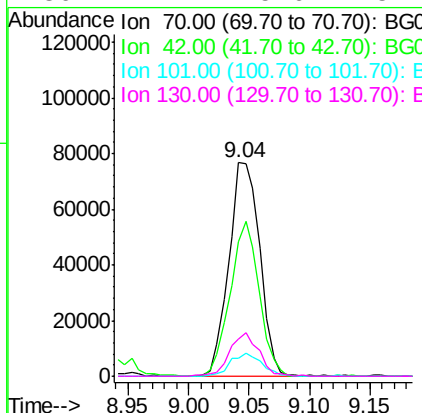
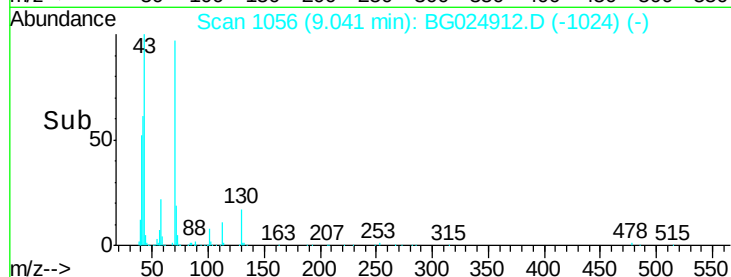
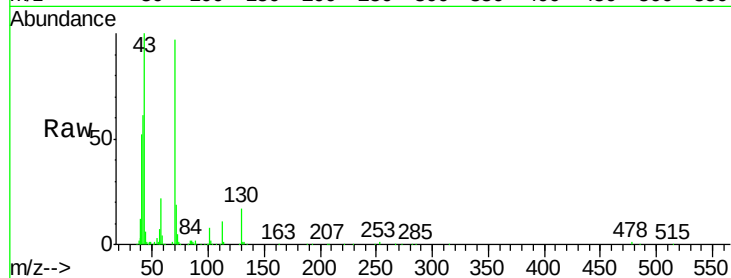
#15
N-Nitroso-di-n-propylamine
Concen: 30.56 ng/ul
RT: 9.04 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BG024912.D
Acq: 23 Nov 2016 18:30

Instrument :
BNA_G
ClientSampleId :
A4WH5MSD

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.1	59.0	88.6	
101	8.1	6.6	9.8	
130	17.4	15.6	23.4	

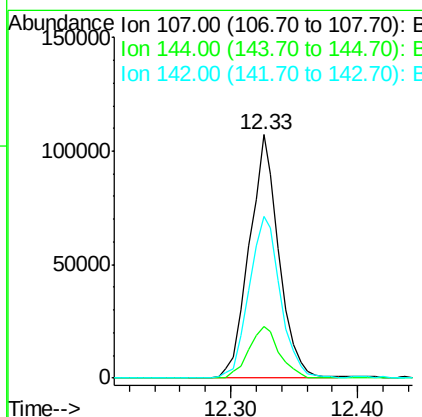
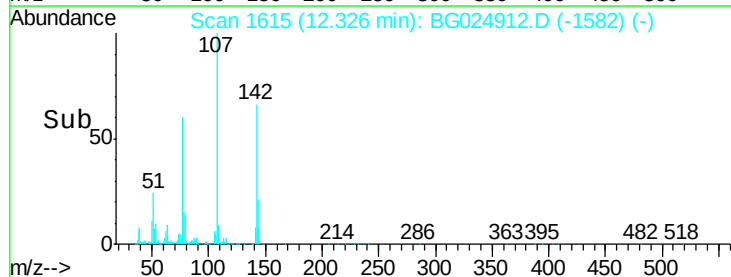
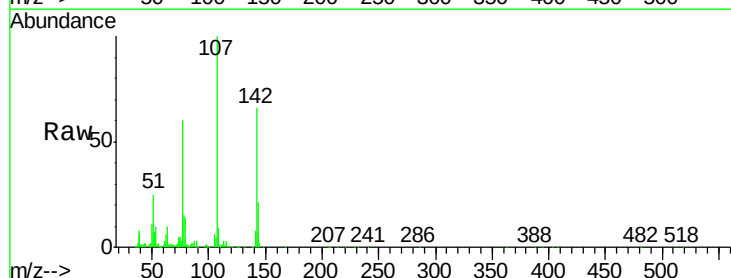
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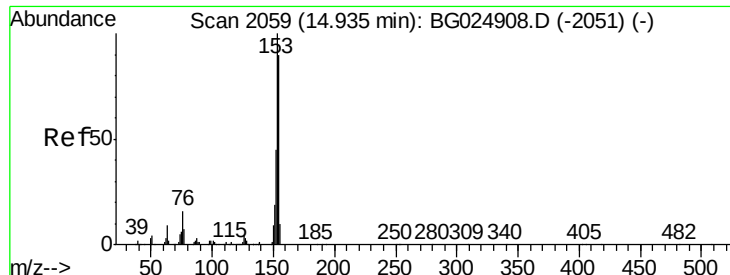
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#33
4-Chloro-3-methylphenol
Concen: 26.02 ng/ul
RT: 12.33 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BG024912.D
Acq: 23 Nov 2016 18:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	21.1	18.2	27.4	
142	66.3	55.0	82.4	





#49

Acenaphthene

Concen: 29.65 ng/ul

RT: 14.93 min Scan# 2059

Delta R.T. -0.00 min

Lab File: BG024912.D

Acq: 23 Nov 2016 18:30

Instrument :

BNA_G

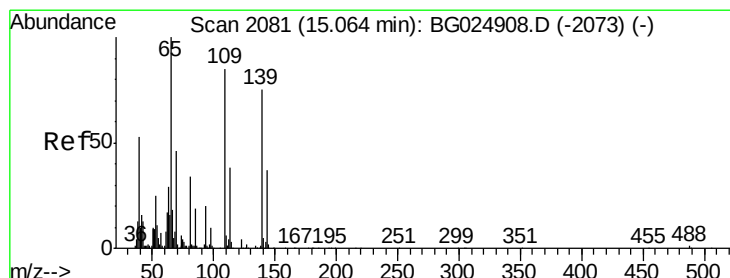
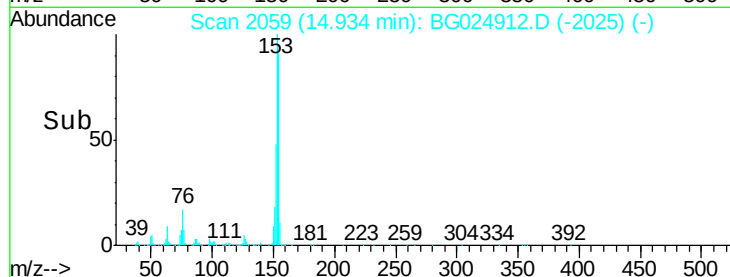
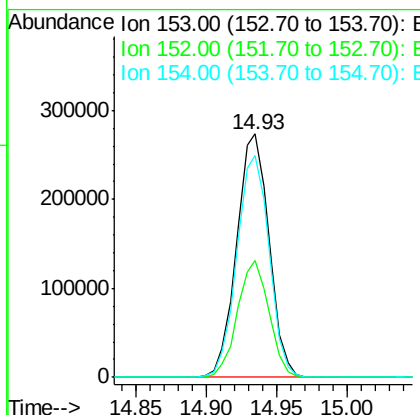
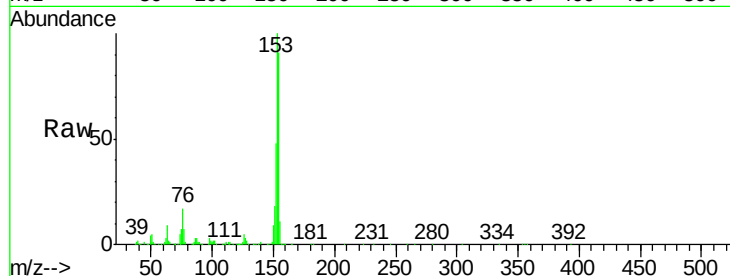
ClientSampleId :

A4WH5MSD

Tgt Ion:	153	Resp:	438494
Ion Ratio	Lower	Upper	
153	100		
152	47.9	36.5	54.7
154	91.2	72.3	108.5

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#52

4-Nitrophenol

Concen: 7.12 ng/ul

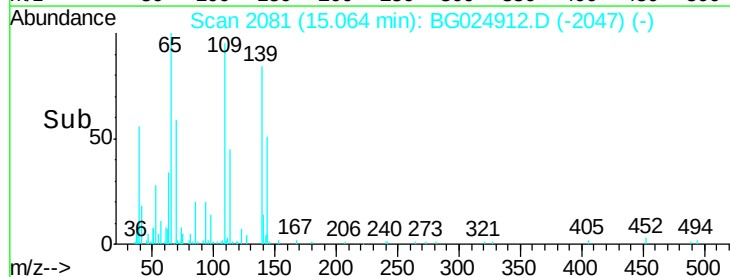
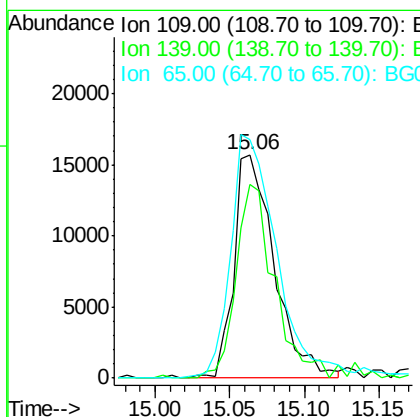
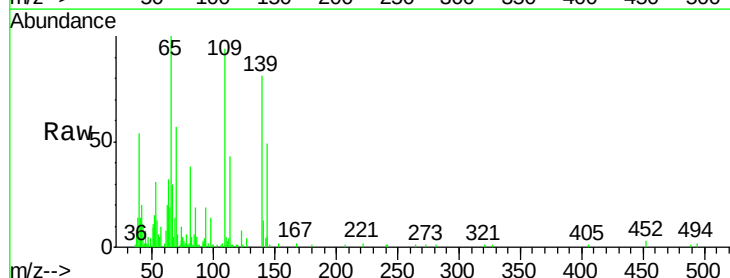
RT: 15.06 min Scan# 2081

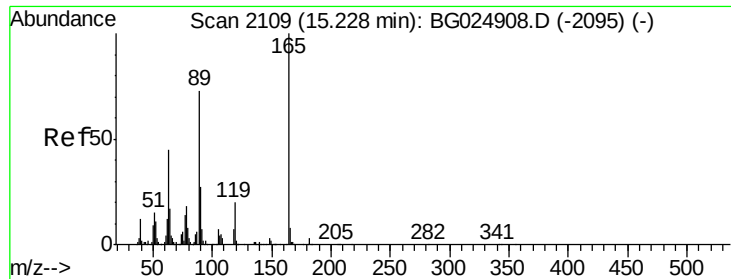
Delta R.T. -0.00 min

Lab File: BG024912.D

Acq: 23 Nov 2016 18:30

Tgt Ion:	109	Resp:	29510
Ion Ratio	Lower	Upper	
109	100		
139	86.7	62.6	93.8
65	106.9	90.4	135.6





#54

2,4-Dinitrotoluene

Concen: 34.13 ng/ul

RT: 15.22 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BG024912.D

Acq: 23 Nov 2016 18:30

Instrument :

BNA_G

ClientSampleId :

A4WH5MSD

Tgt Ion:165 Resp: 217850
Ion Ratio Lower Upper

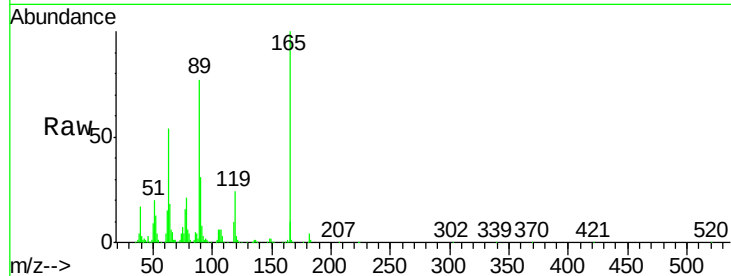
165 100

63 54.1 46.8 70.2

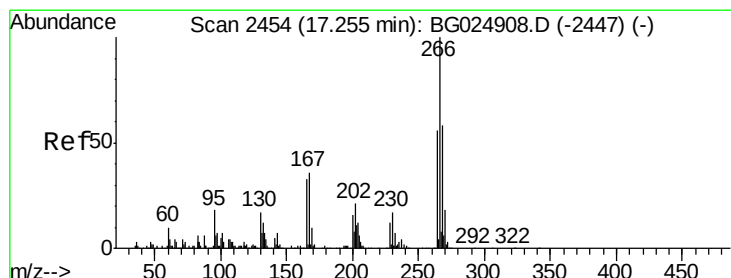
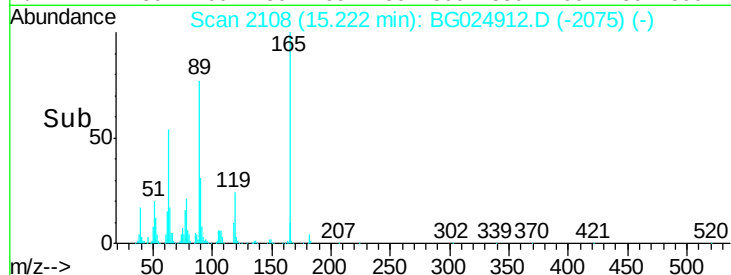
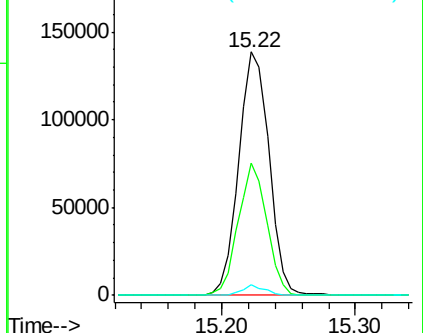
182 4.4 1.8 2.6#

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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



#68

Pentachlorophenol

Concen: 34.55 ng/ul

RT: 17.26 min Scan# 2454

Delta R.T. -0.00 min

Lab File: BG024912.D

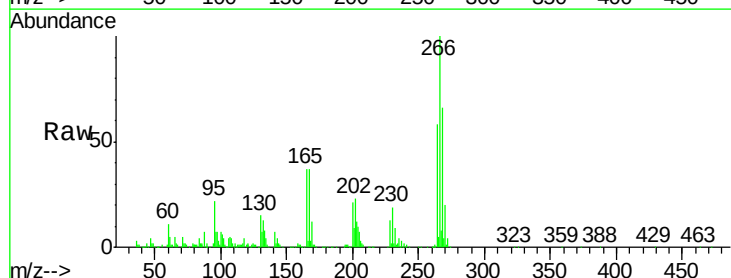
Acq: 23 Nov 2016 18:30

Tgt Ion:266 Resp: 188483
Ion Ratio Lower Upper

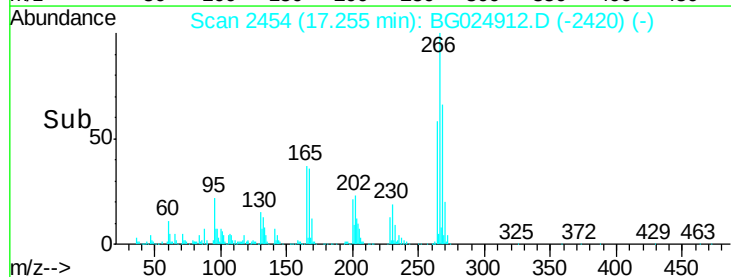
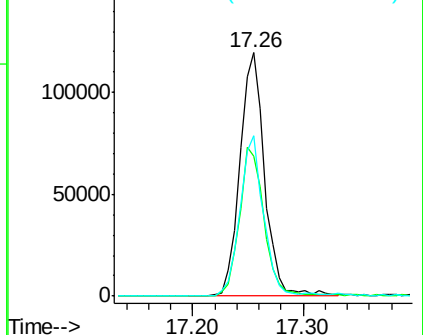
266 100

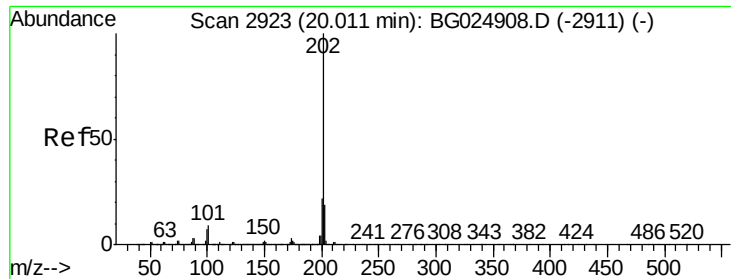
264 57.6 47.1 70.7

268 66.1 56.2 84.4



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





#77
 Pyrene
 Concen: 32.75 ng/ul
 RT: 20.01 min Scan# 2923
 Delta R.T. -0.00 min
 Lab File: BG024912.D
 Acq: 23 Nov 2016 18:30

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1535153		
101	9.0		6.9	10.3
100	7.5		6.6	10.0

Manual Integrations
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