

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
 Data File : BG021812.D
 Acq On : 10 May 2016 12:05
 Operator : UM/SJ
 Sample : H2938-06MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA4MSD

Manual Integrations
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Quant Time: May 11 11:15:56 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	76639	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	392988	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	246724	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	547251	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	572986	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	557904	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	7121m	4.49	ng/uL	0.00
5) Phenol-d5	7.33	99	127928	22.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	67566	23.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	117819	26.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	99342	20.80	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	62321	24.12	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	51863m	31.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	109062m	23.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	137550m	27.67	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	417314	24.08	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	562606	22.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	70786m	23.83	ng/ul	0.00
58) Fluorene-d10	15.79	176	394894	21.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	39787	26.25	ng/ul	0.00
71) Anthracene-d10	17.64	188	587417	22.05	ng/ul	0.00
77) Pyrene-d10	19.92	212	660406	24.62	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	624280	23.55	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.35	94	123265	20.38	ng/ul#	73
10) 2-Chlorophenol	7.74	128	109455	24.60	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.99	70	80541	22.65	ng/ul#	74
33) 4-Chloro-3-methylphenol	12.25	107	105800	22.26	ng/ul#	68
45) Dimethylphthalate	14.25	163	77849	4.41	ng/ul	97
50) Acenaphthene	14.86	153	375397	21.43	ng/ul	96
53) 4-Nitrophenol	15.00	109	30430m	22.48	ng/ul	
55) 2,4-Dinitrotoluene	15.15	165	110190	22.85	ng/ul#	56
69) Pentachlorophenol	17.18	266	63612	25.22	ng/ul	96
78) Pyrene	19.94	202	818642m	24.69	ng/ul	

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

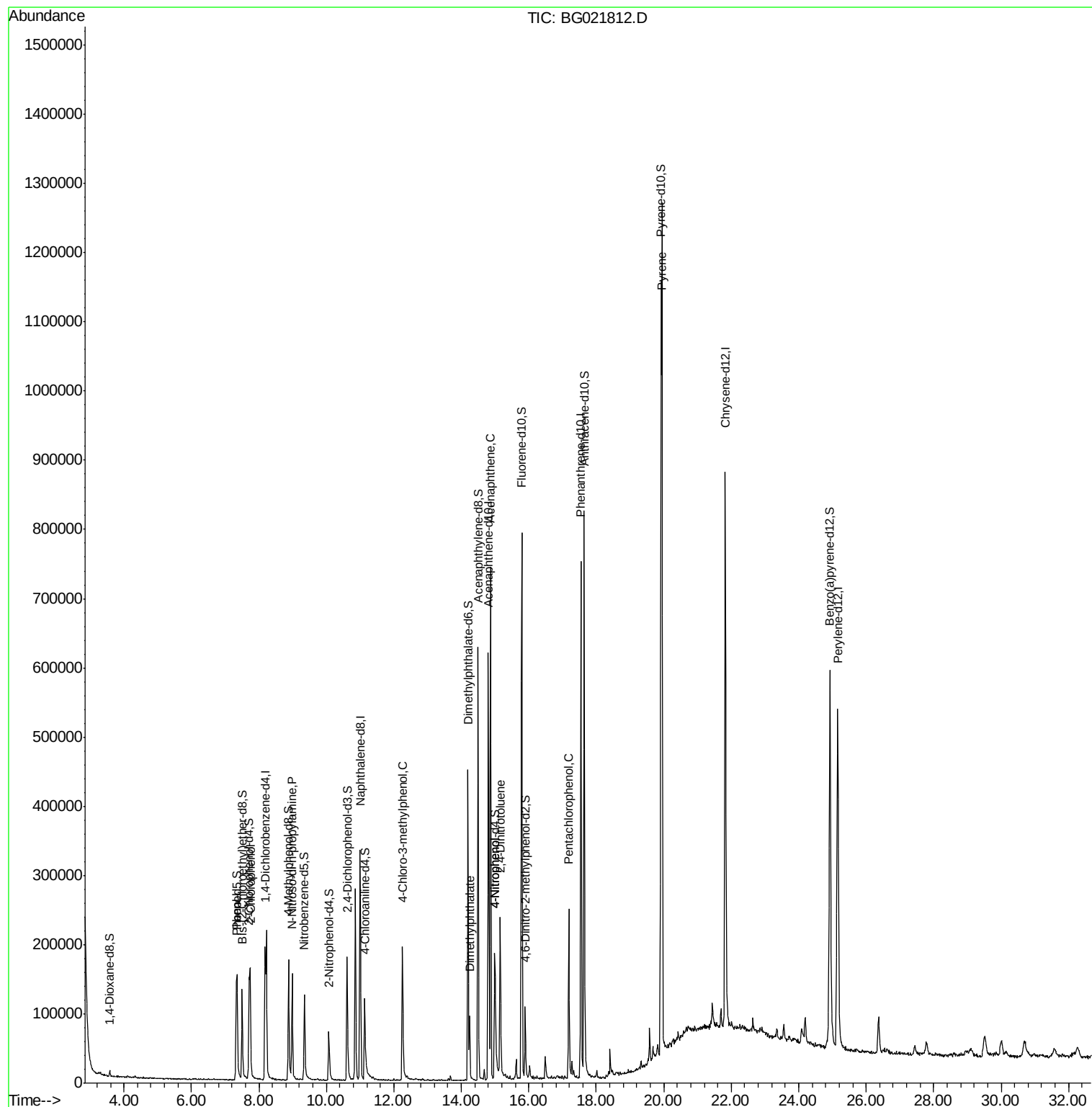
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
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ALS Vial : 14 Sample Multiplier: 1

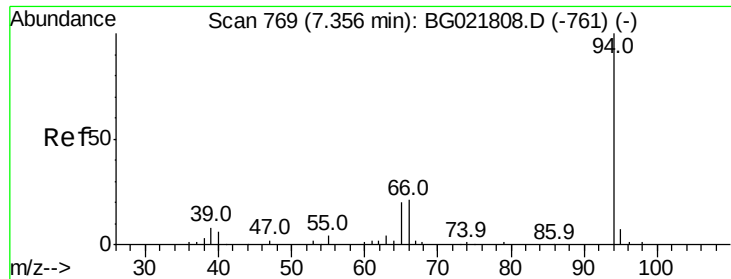
Instrument :
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Quant Time: May 11 11:15:56 2016
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 20.38 ng/ul

RT: 7.35 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG021812.D

Acq: 10 May 2016 12:05

Instrument :

BNA_G

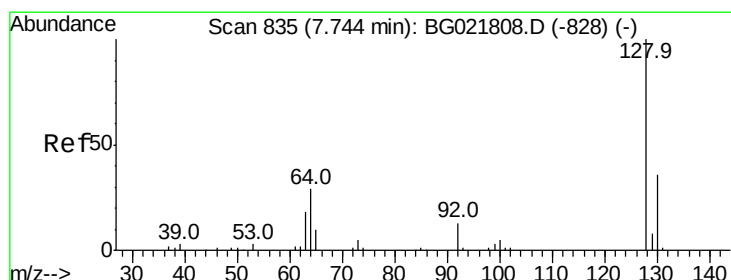
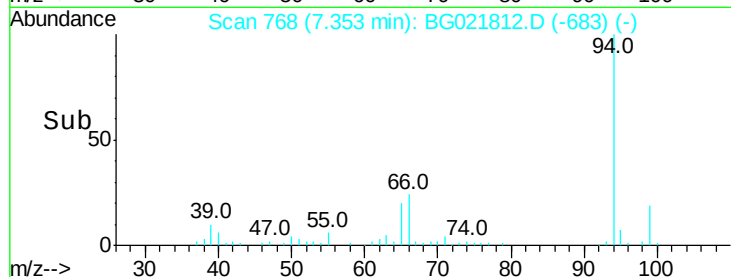
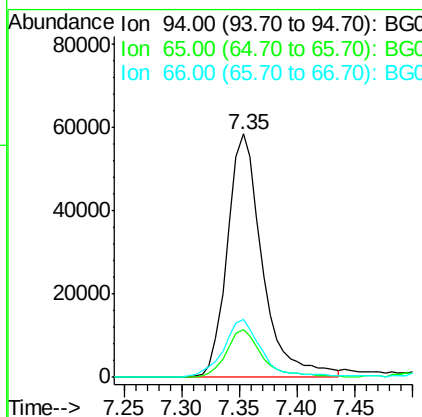
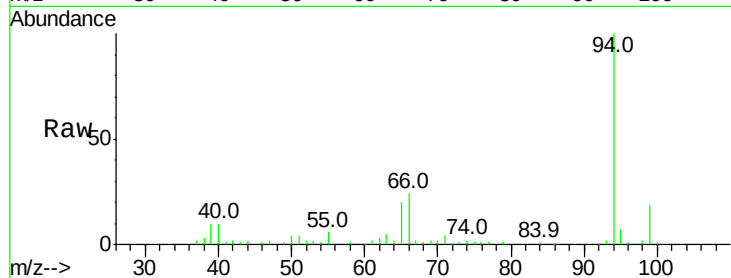
ClientSampleId :

D9XA4MSD

Tot Ion:	94	Resp:	123265
Ion Ratio	Lower	Upper	
94	100		
65	19.8	26.1	39.1#
66	24.0	35.0	52.4#

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#10

2-Chlorophenol

Concen: 24.60 ng/ul

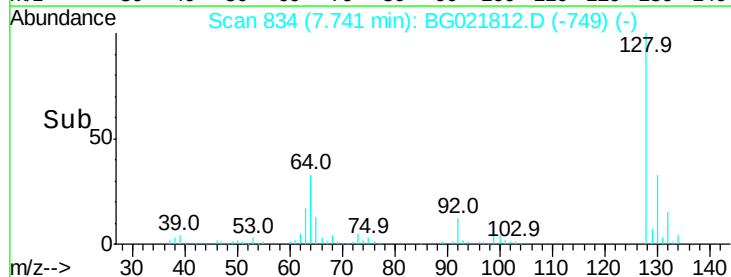
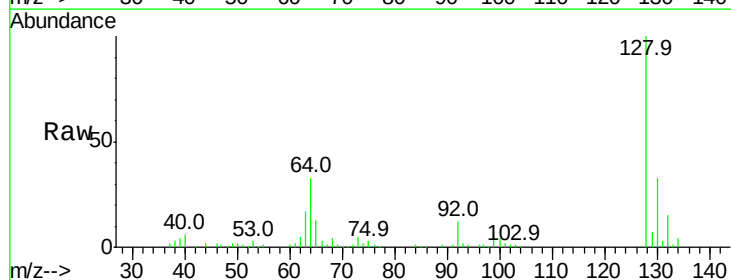
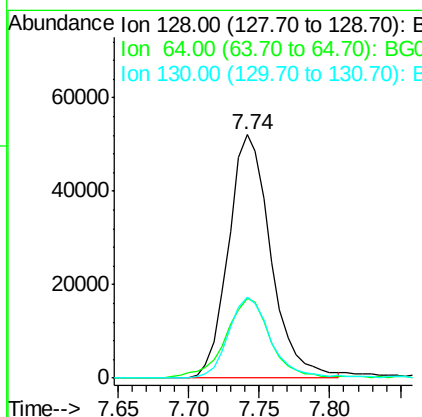
RT: 7.74 min Scan# 834

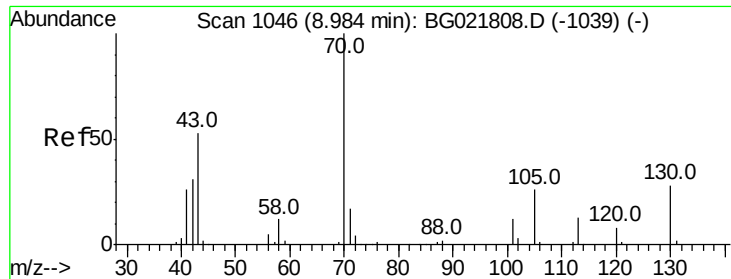
Delta R.T. -0.00 min

Lab File: BG021812.D

Acq: 10 May 2016 12:05

Tgt Ion:	128	Resp:	109455
Ion Ratio	Lower	Upper	
128	100		
64	32.6	47.0	70.6#
130	33.3	27.8	41.6





#15

N-Nitroso-di-n-propylamine

Concen: 22.65 ng/ul

RT: 8.99 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BG021812.D

Acq: 10 May 2016 12:05

Instrument :

BNA_G

ClientSampleId :

D9XA4MSD

Tot Ion: 70 Resp: 80541
Ion Ratio Lower Upper

70 100

42 36.5 43.4 65.0#

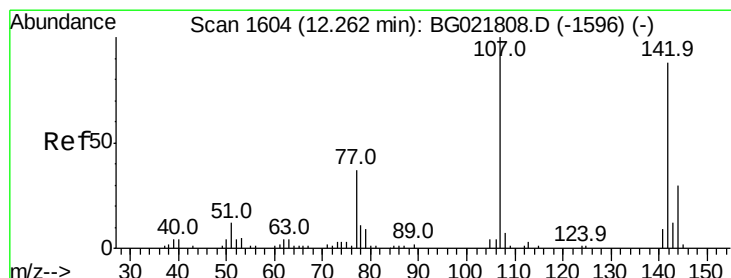
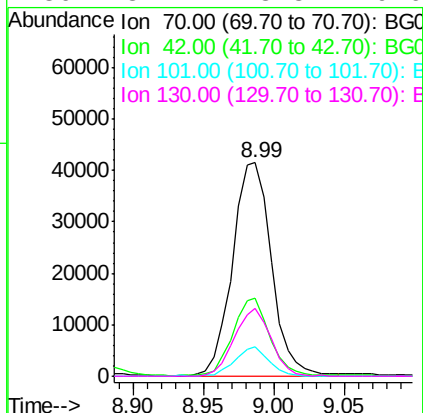
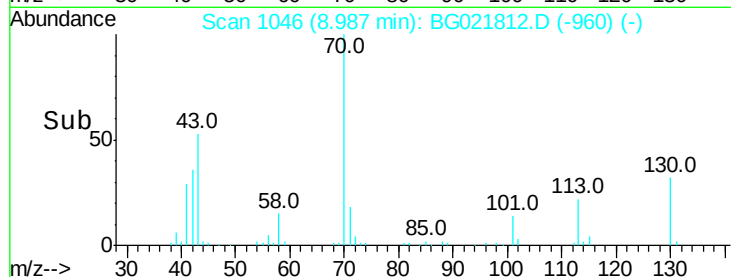
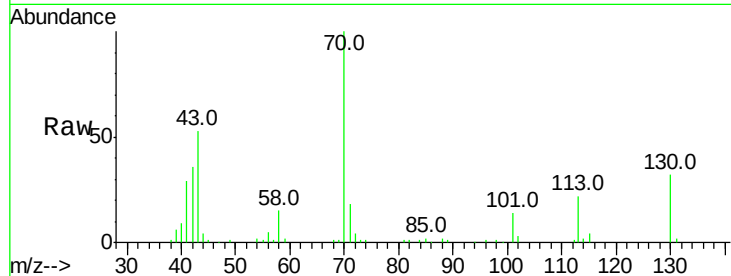
101 14.1 6.5 9.7#

130 31.7 13.8 20.6#

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#33

4-Chloro-3-methylphenol

Concen: 22.26 ng/ul

RT: 12.25 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BG021812.D

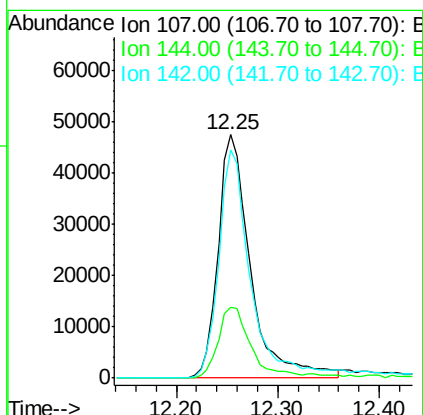
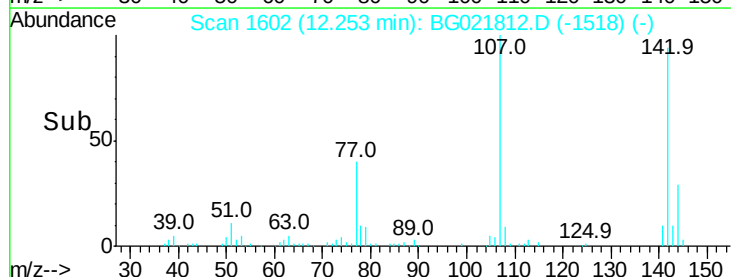
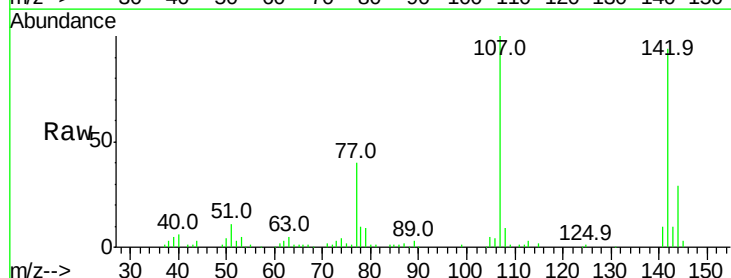
Acq: 10 May 2016 12:05

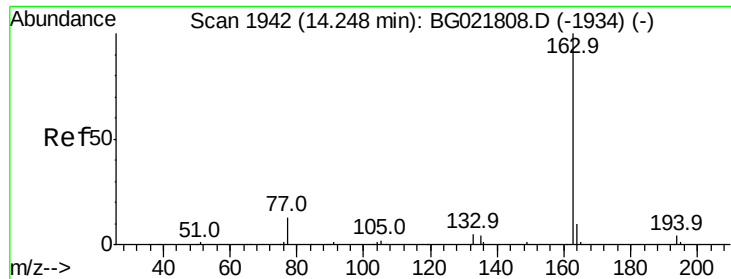
Tgt Ion: 107 Resp: 105800
Ion Ratio Lower Upper

107 100

144 29.2 17.2 25.8#

142 94.0 52.0 78.0#





#45

Dimethylphthalate

Concen: 4.41 ng/ul

RT: 14.25 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG021812.D

Acq: 10 May 2016 12:05

Instrument :

BNA_G

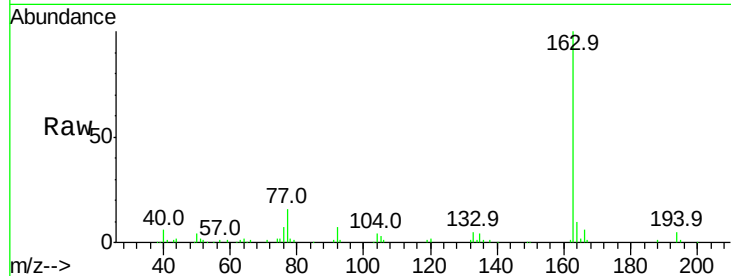
ClientSampleId :

D9XA4MSD

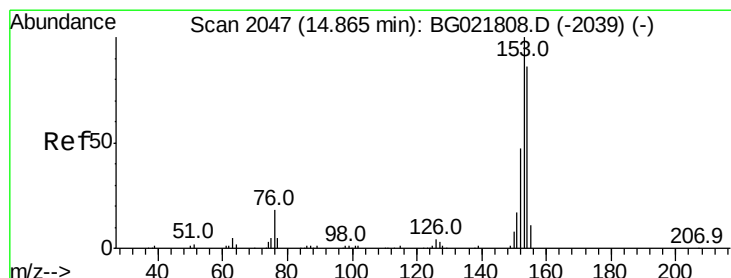
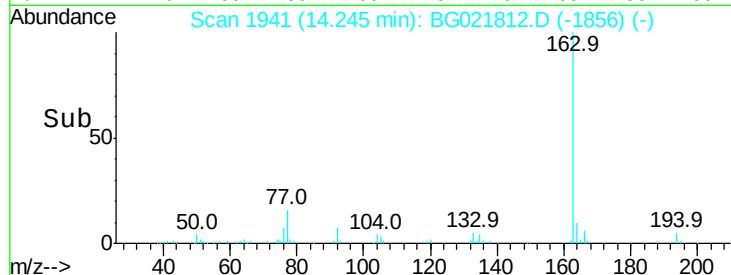
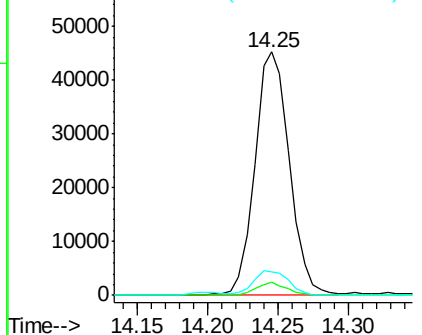
Tot Ion:	163	Resp:	77849
Ion Ratio	Lower	Upper	
163	100		
194	5.4	3.9	5.9
164	9.7	8.7	13.1

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

Acenaphthene

Concen: 21.43 ng/ul

RT: 14.86 min Scan# 2046

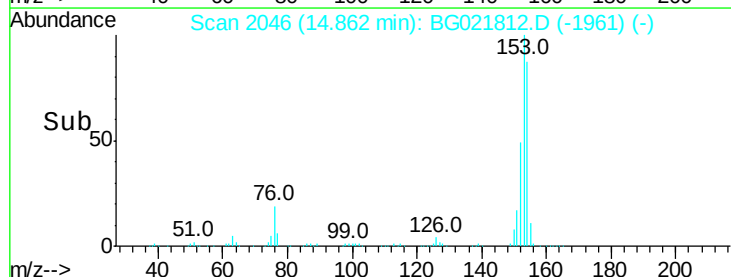
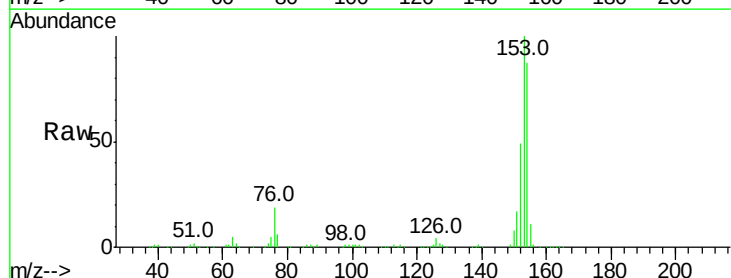
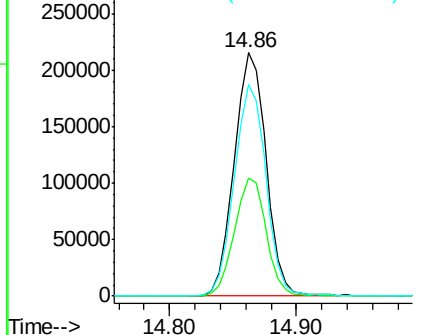
Delta R.T. -0.00 min

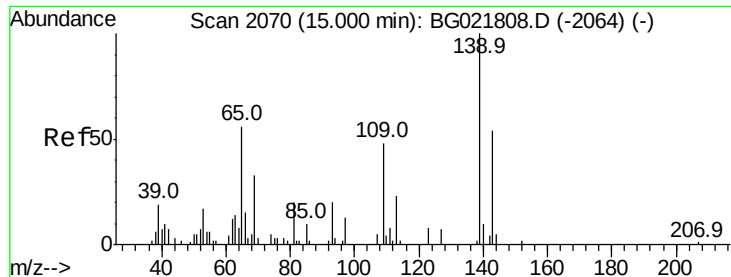
Lab File: BG021812.D

Acq: 10 May 2016 12:05

Tgt Ion:	153	Resp:	375397
Ion Ratio	Lower	Upper	
153	100		
152	48.5	36.5	54.7
154	87.0	67.3	100.9

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: 22.48 ng/ul m

RT: 15.00 min Scan# 2069

Delta R.T. -0.00 min

Lab File: BG021812.D

Acq: 10 May 2016 12:05

Instrument :

BNA_G

ClientSampleId :

D9XA4MSD

Tot Ion:109 Resp: 30430

Ion Ratio Lower Upper

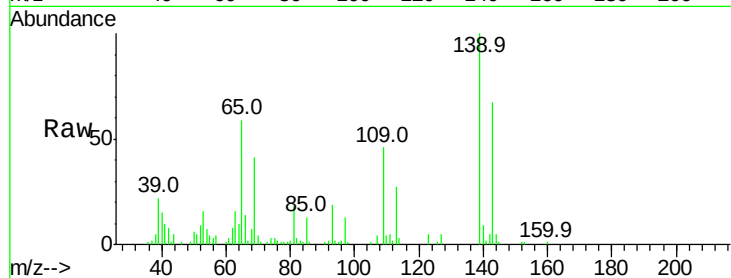
109 100

139 216.9 75.9 113.9#

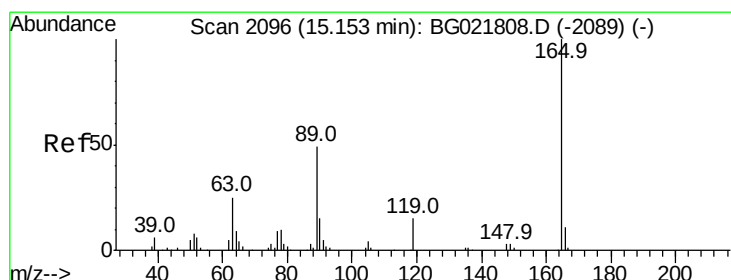
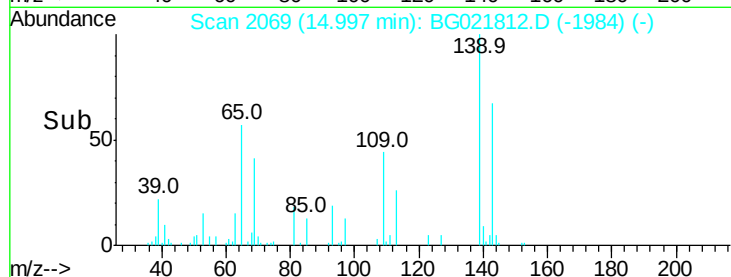
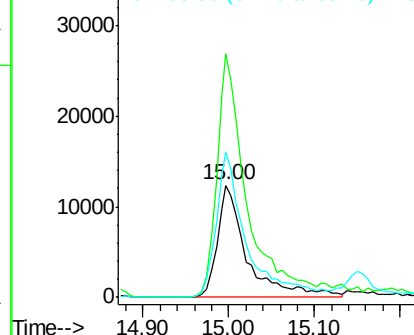
65 128.9 99.8 149.8

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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: 22.85 ng/ul

RT: 15.15 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BG021812.D

Acq: 10 May 2016 12:05

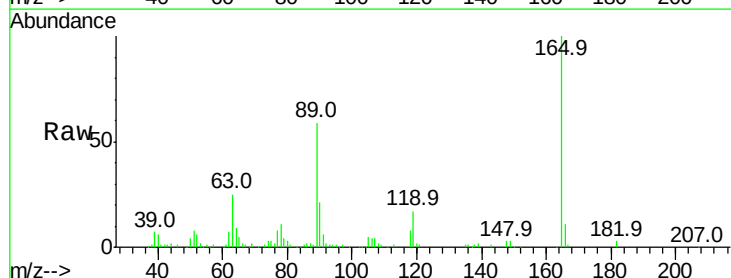
Tgt Ion:165 Resp: 110190

Ion Ratio Lower Upper

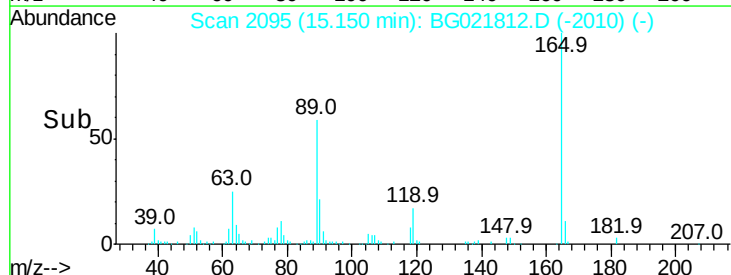
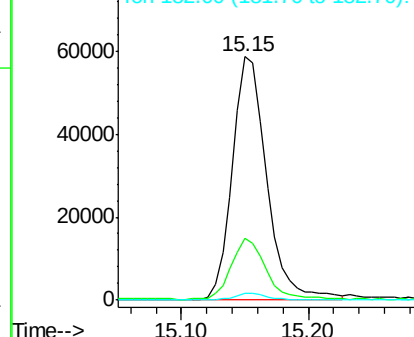
165 100

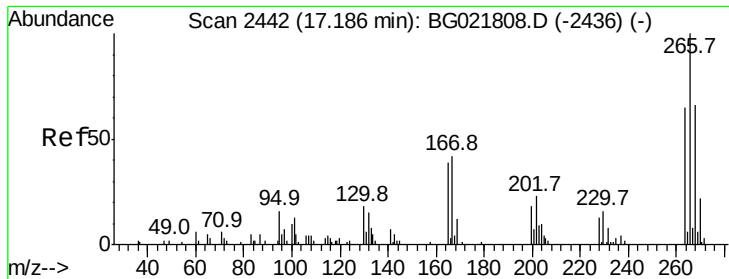
63 25.4 48.1 72.1#

182 2.9 2.2 3.2



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





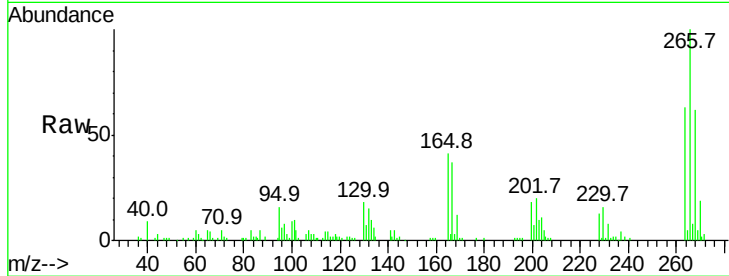
#69
 Pentachlorophenol
 Concen: 25.22 ng/ul
 RT: 17.18 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BG021812.D
 Acq: 10 May 2016 12:05

Instrument :
 BNA_G
 ClientSampleId :
 D9XA4MSD

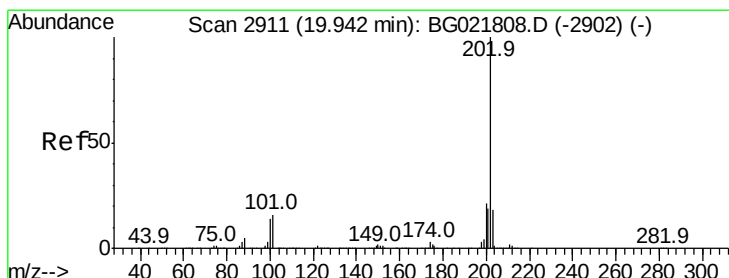
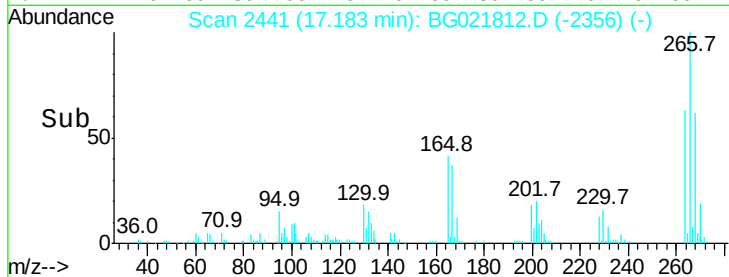
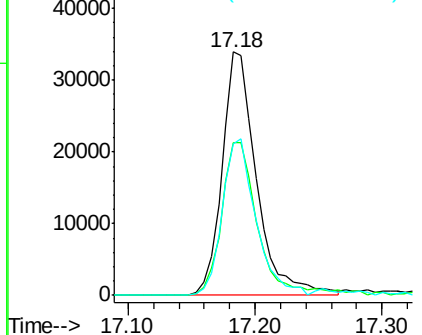
Tot Ion:	266	Resp:	63612
Ion Ratio	Lower	Upper	
266	100		
264	68.0	56.7	85.1
268	67.0	50.6	76.0

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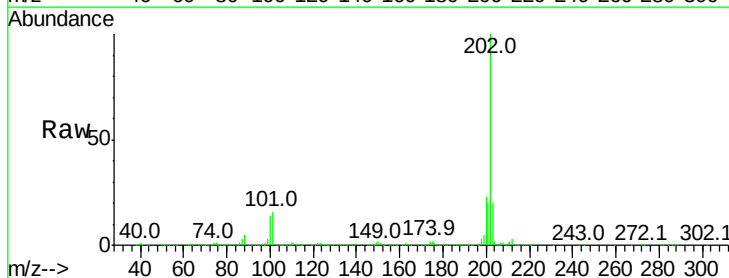


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#78
 Pyrene
 Concen: 24.69 ng/ul m
 RT: 19.94 min Scan# 2911
 Delta R.T. 0.00 min
 Lab File: BG021812.D
 Acq: 10 May 2016 12:05

Tgt Ion:	202	Resp:	818642
Ion Ratio	Lower	Upper	
202	100		
101	16.2	9.8	14.8#
100	14.1	9.3	13.9#



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

