

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
 Data File : BG028290.D
 Acq On : 11 Aug 2017 14:00
 Operator : SJ/JU
 Sample : I4451-03MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H2TR9MSD

Manual Integrations
 APPROVED

Sohil
 8/14/2017 4:03:29 PM

Quant Time: Aug 11 16:01:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 11 04:08:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	38221	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	177607	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	128867	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	335952m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	383278	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	376080	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	5258	6.41	ng/uL	0.00
5) Phenol-d5	7.50	99	111548	26.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	71663	26.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	79894	30.17	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	92254	26.30	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	41512	29.89	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	49468	32.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	91311	28.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	116716	33.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	329626	28.76	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	369785	28.62	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	50749	27.85	ng/ul	0.00
57) Fluorene-d10	15.95	176	284203	27.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	60790m	27.85	ng/ul	0.00
70) Anthracene-d10	17.81	188	485186	30.12	ng/ul	0.00
76) Pyrene-d10	20.08	212	563241	28.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	517998	29.42	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.53	94	143488	34.395	ng/ul#	88
10) 2-Chlorophenol	7.92	128	90116	34.921	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.15	70	95947	33.740	ng/ul	90
33) 4-Chloro-3-methylphenol	12.42	107	130078	35.533	ng/ul	99
44) Dimethylphthalate	14.39	163	73989	7.011	ng/ul#	95
49) Acenaphthene	15.02	153	291427	34.974	ng/ul	96
52) 4-Nitrophenol	15.16	109	60970	32.289	ng/ul	82
54) 2,4-Dinitrotoluene	15.31	165	116283	35.214	ng/ul#	92
68) Pentachlorophenol	17.35	266	77777	39.947	ng/ul	91
77) Pyrene	20.11	202	761257	33.291	ng/ul	98

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

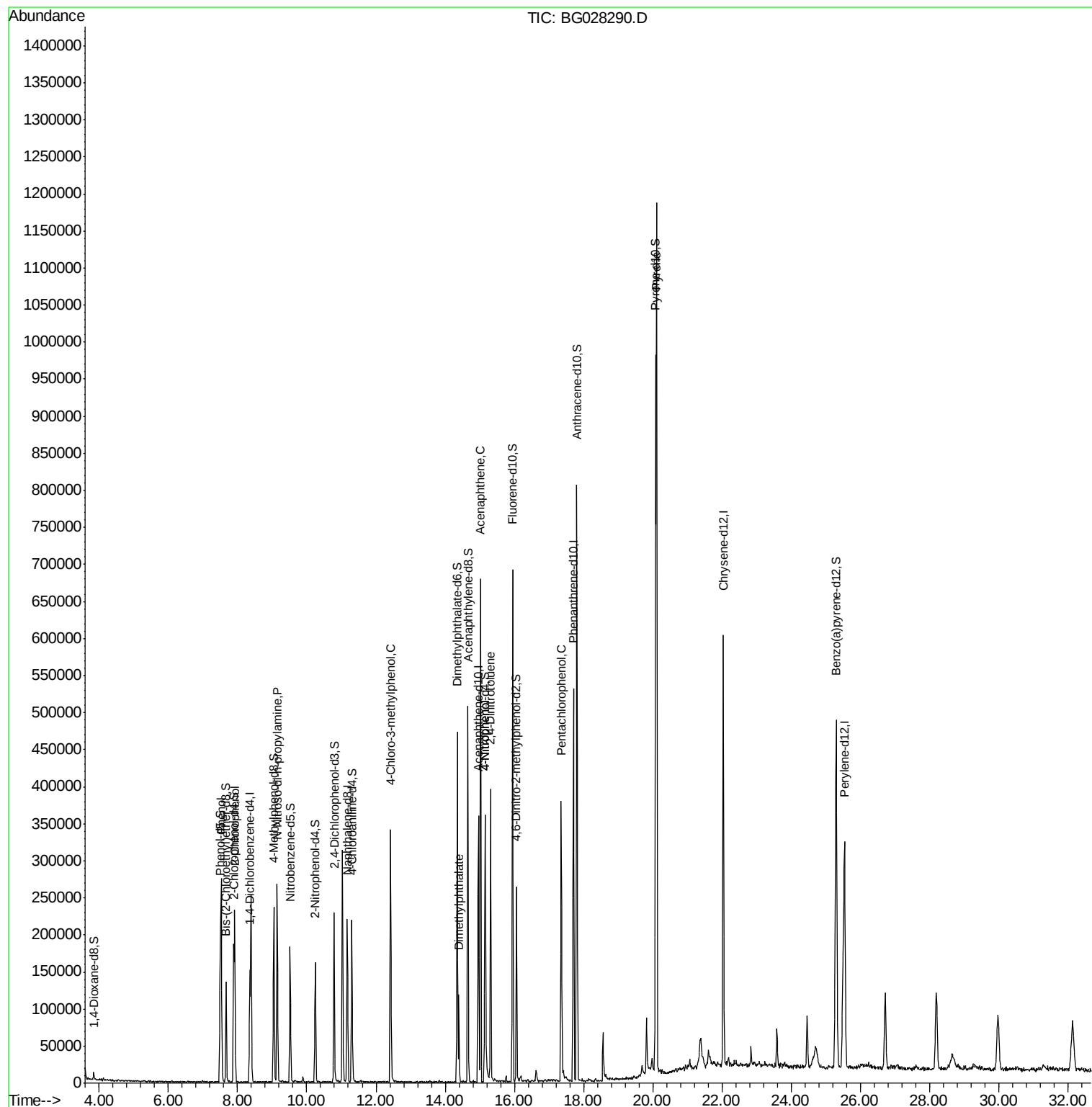
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
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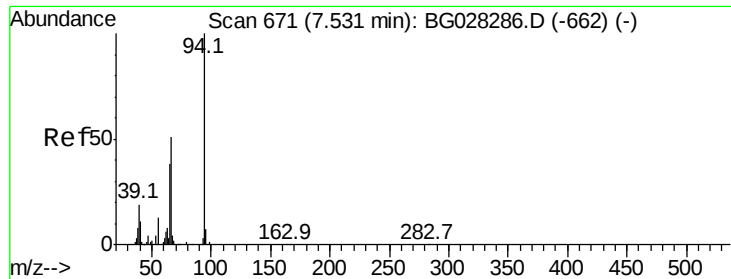
Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 04:08:50 2017
Response via : Initial Calibration





#6

Phenol

Concen: 34.395 ng/ul

RT: 7.53 min Scan# 671

Delta R.T. 0.01 min

Lab File: BG028290.D

Acq: 11 Aug 2017 14:00

Instrument :

BNA_G

ClientSampled :

H2TR9MSD

Tot Ion: 94 Resp: 143488

Ion Ratio Lower Upper

94 100

65 37.4 26.8 40.2

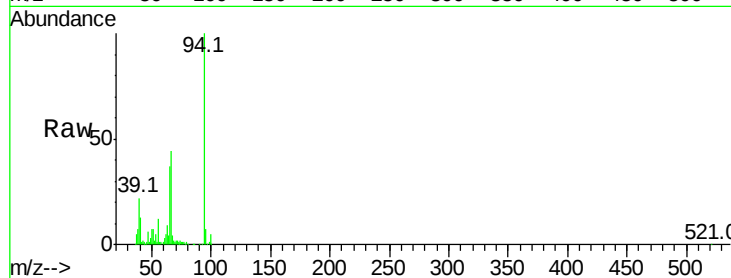
66 44.3 44.4 66.6#

Manual Integrations

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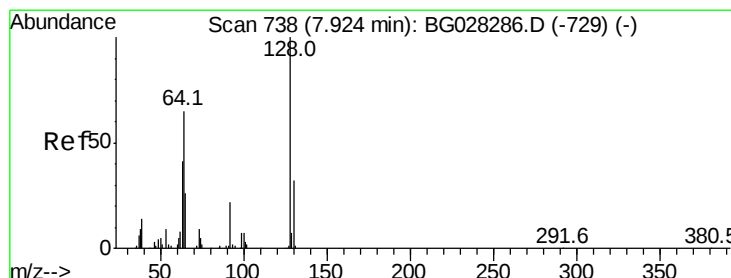
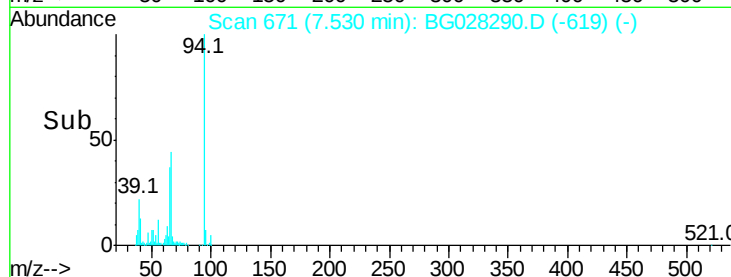
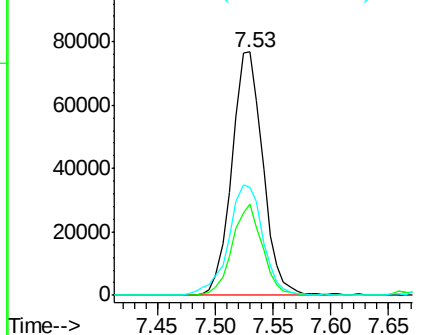
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Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#10

2-Chlorophenol

Concen: 34.921 ng/ul

RT: 7.92 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG028290.D

Acq: 11 Aug 2017 14:00

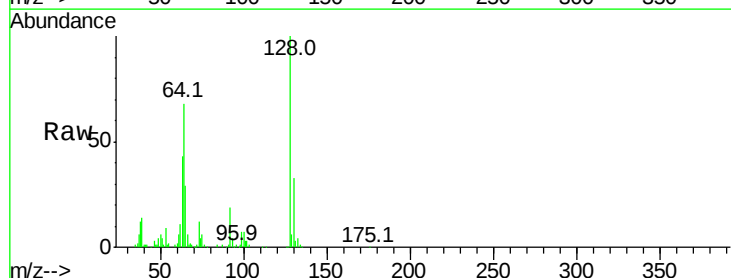
Tgt Ion:128 Resp: 90116

Ion Ratio Lower Upper

128 100

64 68.4 56.3 84.5

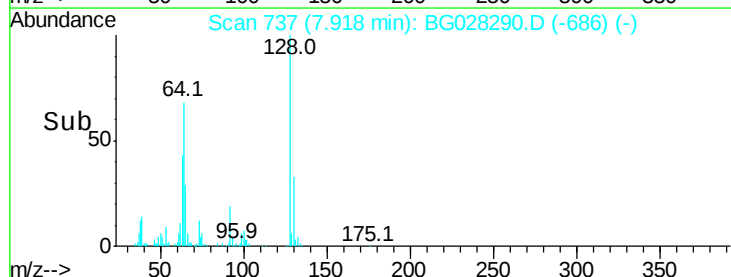
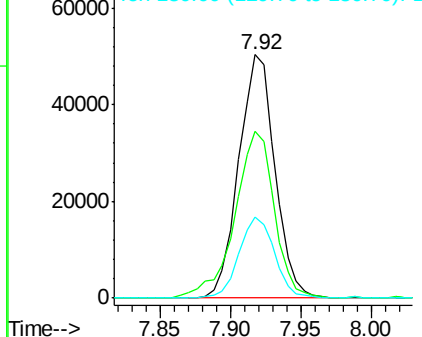
130 33.3 26.7 40.1

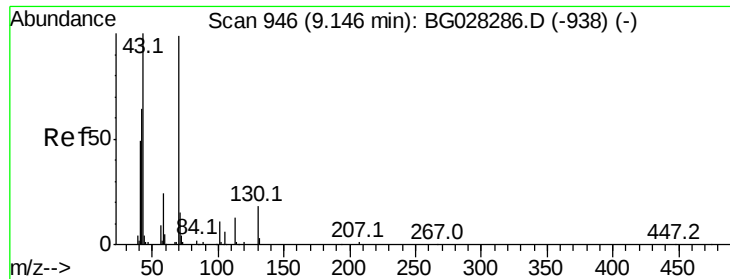


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 130.00 (129.70 to 130.70): E





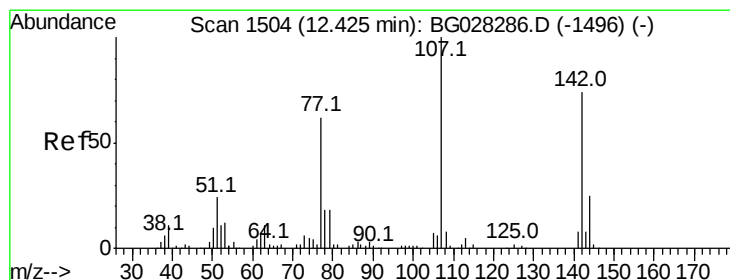
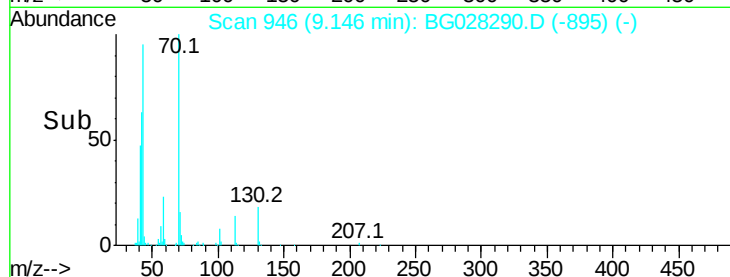
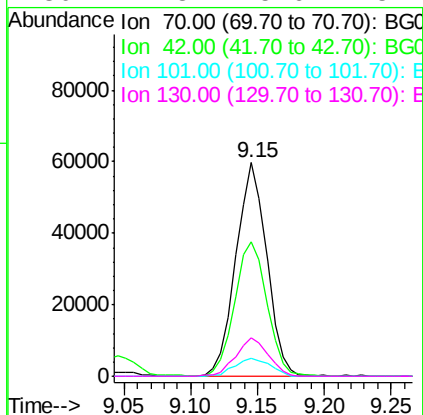
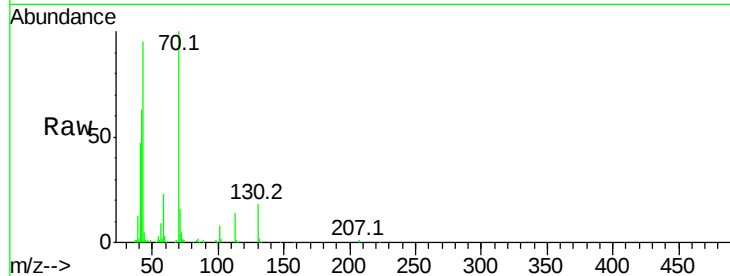
#15
N-Nitroso-di-n-propylamine
Concen: 33.740 ng/ul
RT: 9.15 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG028290.D
Acq: 11 Aug 2017 14:00

Instrument :
BNA_G
ClientSampleId :
H2TR9MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.2	59.0	88.6
101	8.4	6.6	9.8
130	17.8	15.6	23.4

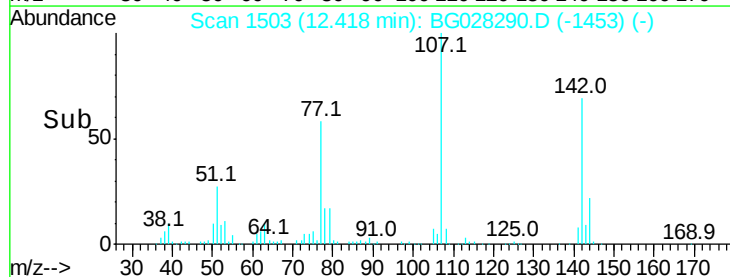
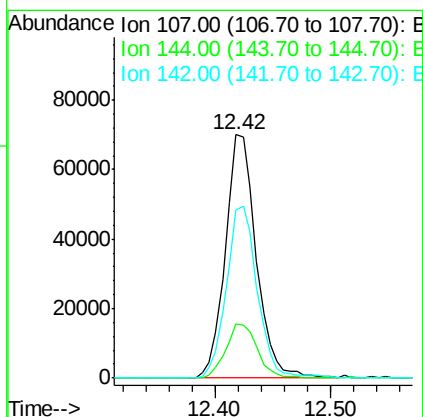
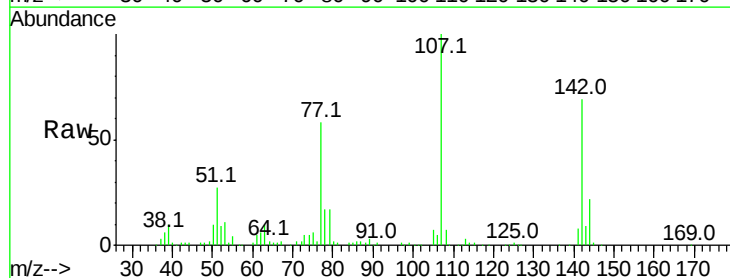
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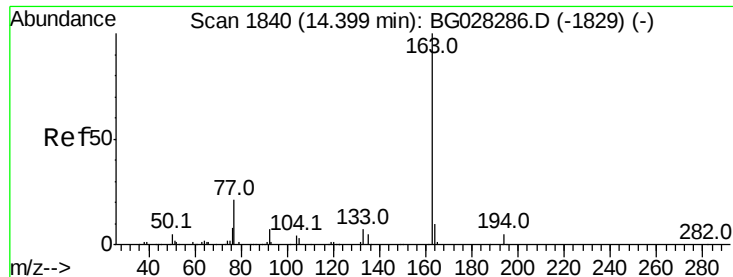
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#33
4-Chloro-3-methylphenol
Concen: 35.533 ng/ul
RT: 12.42 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BG028290.D
Acq: 11 Aug 2017 14:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.2	18.2	27.4
142	69.3	55.0	82.4





#44

Dimethylphthalate

Concen: 7.011 ng/ul

RT: 14.39 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BG028290.D

Acq: 11 Aug 2017 14:00

Instrument :

BNA_G

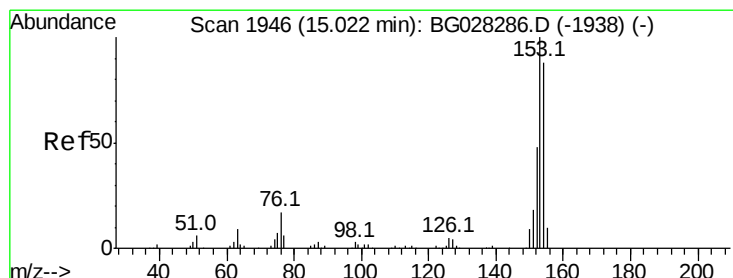
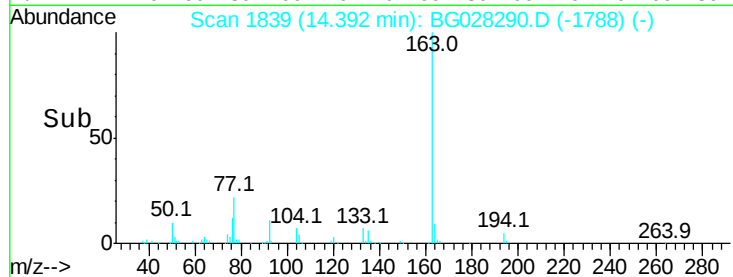
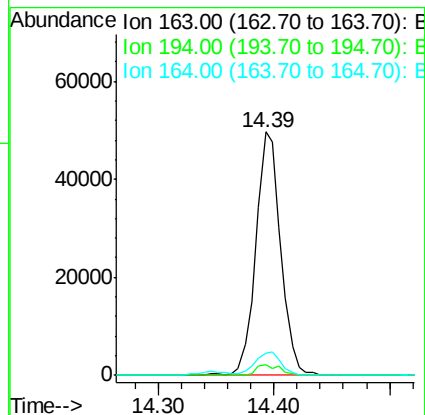
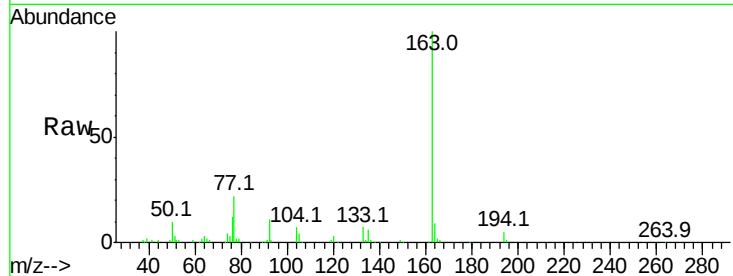
ClientSampleId :

H2TR9MSD

Tot Ion:	163	Resp:	73989
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.0
164	8.9	9.0	13.4#

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#49

Acenaphthene

Concen: 34.974 ng/ul

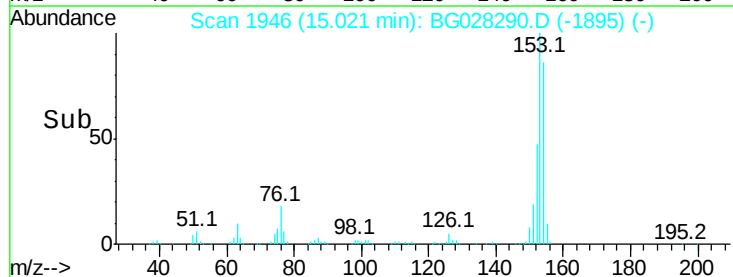
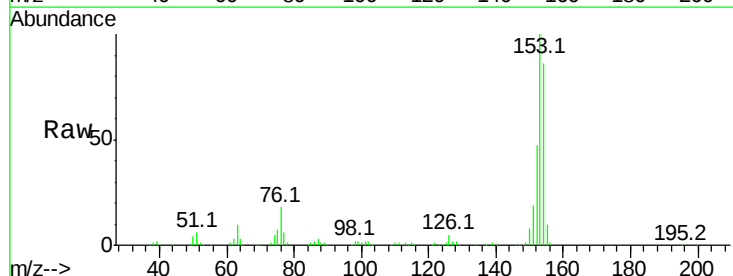
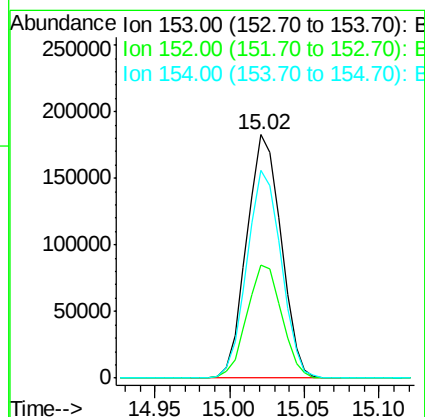
RT: 15.02 min Scan# 1946

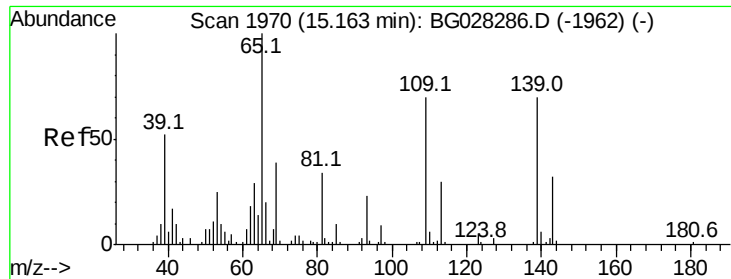
Delta R.T. -0.00 min

Lab File: BG028290.D

Acq: 11 Aug 2017 14:00

Tgt Ion:	153	Resp:	291427
Ion Ratio	Lower	Upper	
153	100		
152	46.7	36.5	54.7
154	85.6	72.3	108.5





#52

4-Nitrophenol

Concen: 32.289 ng/ul

RT: 15.16 min Scan# 1970

Delta R.T. 0.01 min

Lab File: BG028290.D

Acq: 11 Aug 2017 14:00

Instrument :

BNA_G

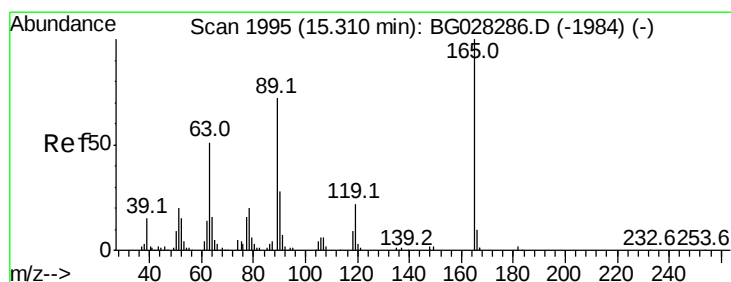
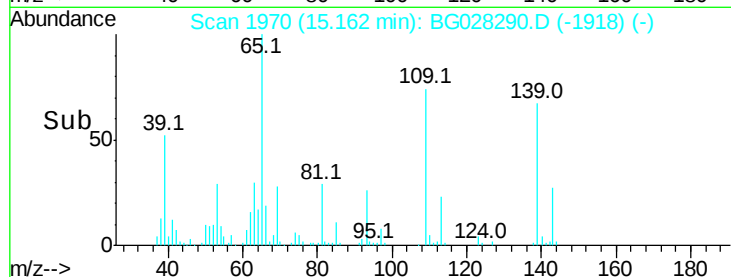
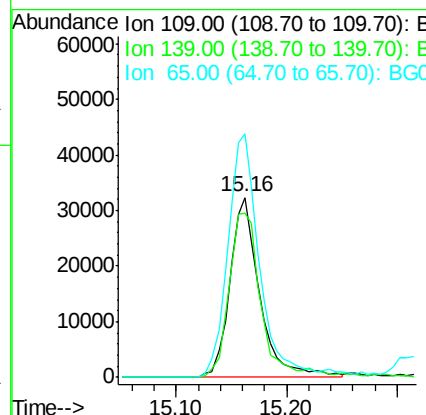
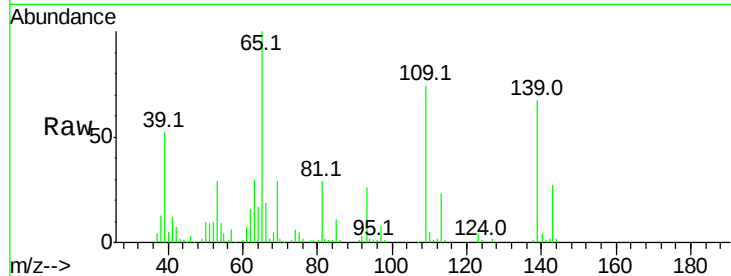
ClientSampleId :

H2TR9MSD

Tot Ion:	109	Resp:	60970
Ion Ratio	Lower	Upper	
109	100		
139	91.0	62.6	93.8
65	135.4	90.4	135.6

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#54

2,4-Dinitrotoluene

Concen: 35.214 ng/ul

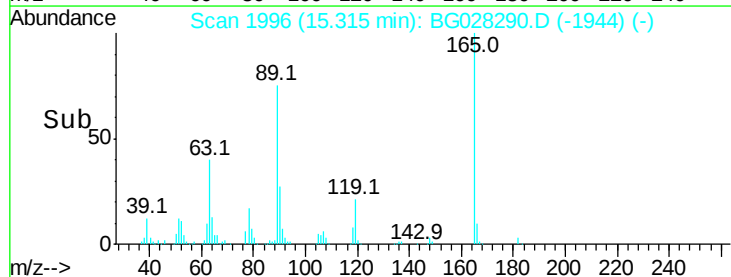
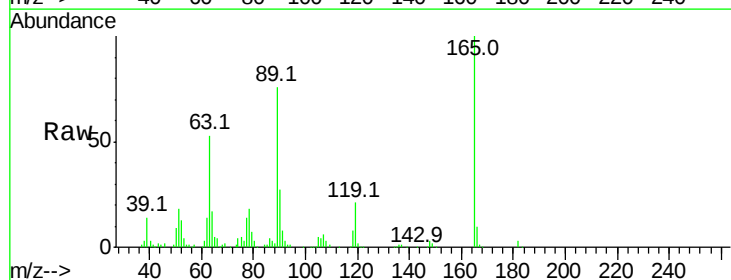
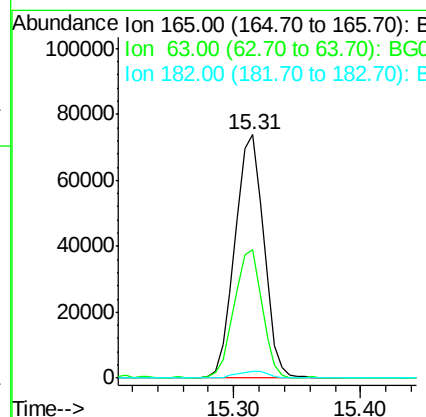
RT: 15.31 min Scan# 1996

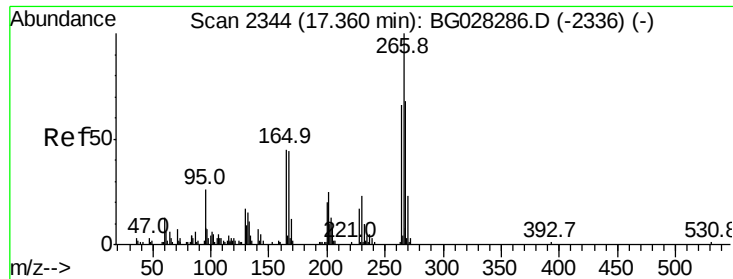
Delta R.T. 0.01 min

Lab File: BG028290.D

Acq: 11 Aug 2017 14:00

Tgt Ion:	165	Resp:	116283
Ion Ratio	Lower	Upper	
165	100		
63	52.6	46.8	70.2
182	2.9	1.8	2.6#





#68

Pentachlorophenol

Concen: 39.947 ng/ul

RT: 17.35 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BG028290.D

Acq: 11 Aug 2017 14:00

Instrument :

BNA_G

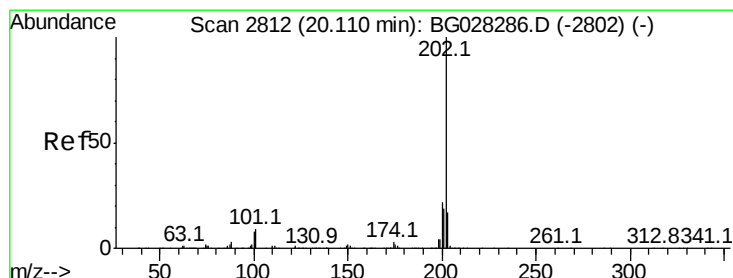
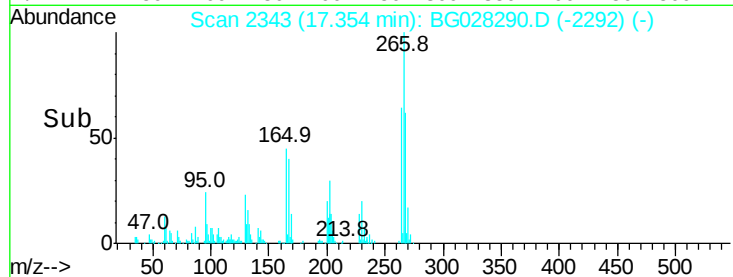
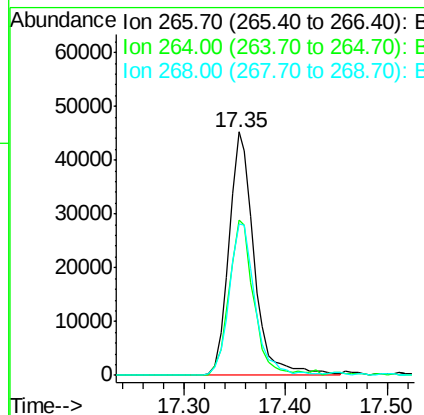
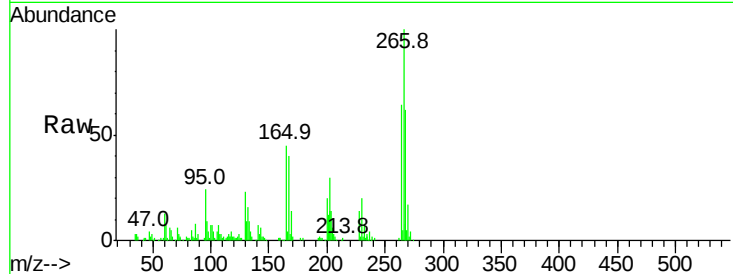
ClientSampleId :

H2TR9MSD

Tot Ion:	266	Resp:	77777
Ion Ratio	Lower	Upper	
266	100		
264	63.9	47.1	70.7
268	62.0	56.2	84.4

Manual Integrations
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#77

Pyrene

Concen: 33.291 ng/ul

RT: 20.11 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG028290.D

Acq: 11 Aug 2017 14:00

Tgt Ion:	202	Resp:	761257
Ion Ratio	Lower	Upper	
202	100		
101	9.6	6.9	10.3
100	8.2	6.6	10.0

