

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG090917\
 Data File : BG028612.D
 Acq On : 9 Sep 2017 11:03
 Operator : SJ/JU
 Sample : I5166-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E61F9MS

Manual Integrations
 APPROVED

Sohil
 9/11/2017 2:44:12 PM

Quant Time: Sep 11 02:03:17 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG090817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 11 01:26:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	29983	20.00	ng/ul	0.00
18) Naphthalene-d8	11.15	136	128537	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.94	164	94917	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.69	188	245409	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	278366	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	280833	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.81	96	2605	3.95	ng/uL	0.00
5) Phenol-d5	7.49	99	66770	23.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	41761	23.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	49548	24.43	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	55616	23.71	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	26709	24.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.22	143	30402	23.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	55254	23.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	48462	22.98	ng/ul	0.00
43) Dimethylphthalate-d6	14.33	166	215110	24.73	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	231484	23.40	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	28142m	20.91	ng/ul	0.00
57) Fluorene-d10	15.94	176	182633	23.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	37959	21.98	ng/ul	0.00
70) Anthracene-d10	17.79	188	308648	25.04	ng/ul	0.00
76) Pyrene-d10	20.07	212	361556	26.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	324607	23.78	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.52	94	94197	32.992	ng/ul	92
10) 2-Chlorophenol	7.90	128	51457	26.418	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.13	70	43618	23.633	ng/ul#	88
33) 4-Chloro-3-methylphenol	12.41	107	72668	27.174	ng/ul	97
44) Dimethylphthalate	14.38	163	181104	22.606	ng/ul	99
49) Acenaphthene	15.01	153	137806	21.580	ng/ul	93
52) 4-Nitrophenol	15.16	109	28808	23.232	ng/ul	86
54) 2,4-Dinitrotoluene	15.31	165	54289	21.086	ng/ul	94
68) Pentachlorophenol	17.35	266	36152	24.823	ng/ul	94
77) Pyrene	20.10	202	378535	23.560	ng/ul#	97

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

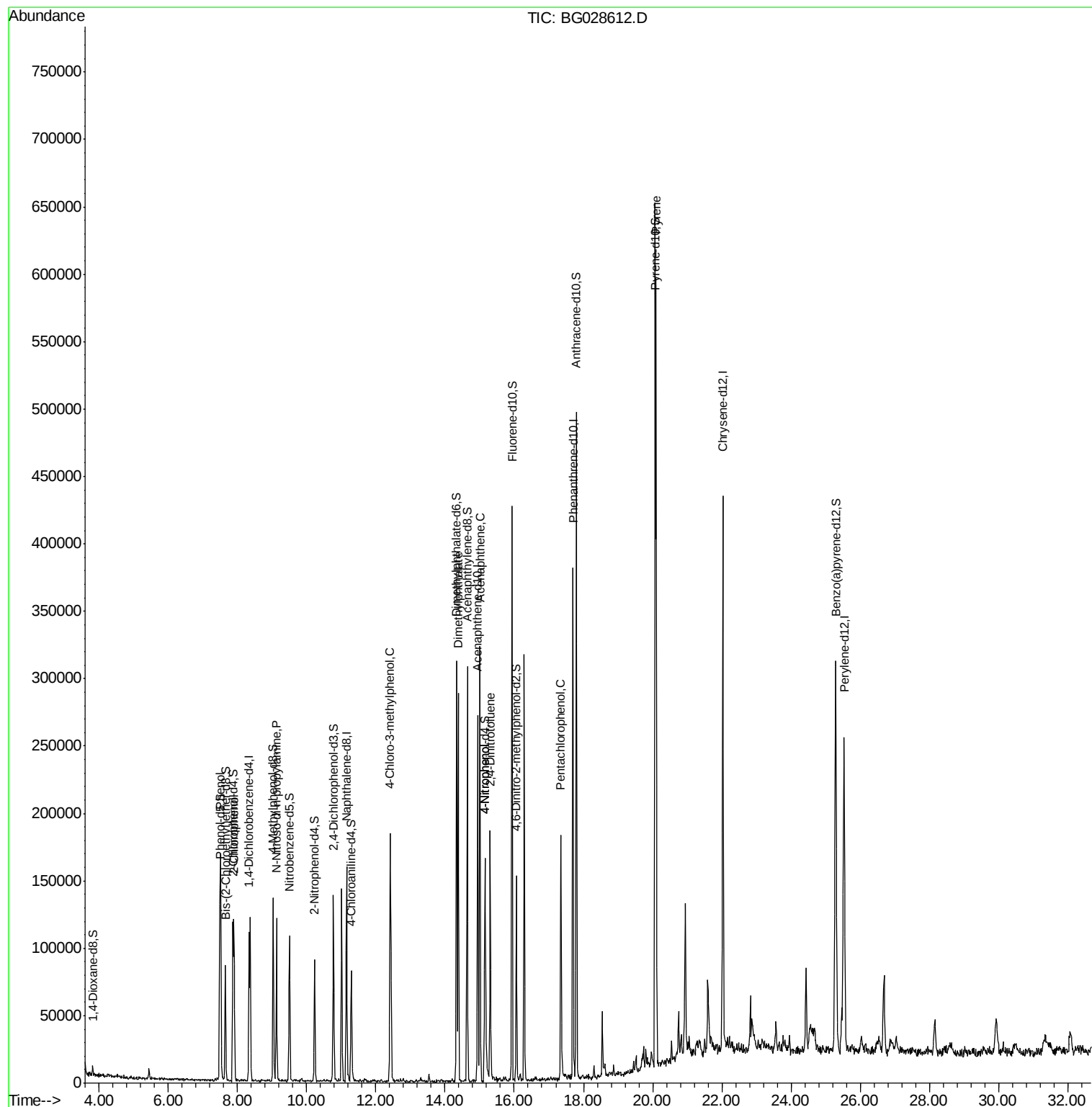
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG090917\
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ALS Vial : 5 Sample Multiplier: 1

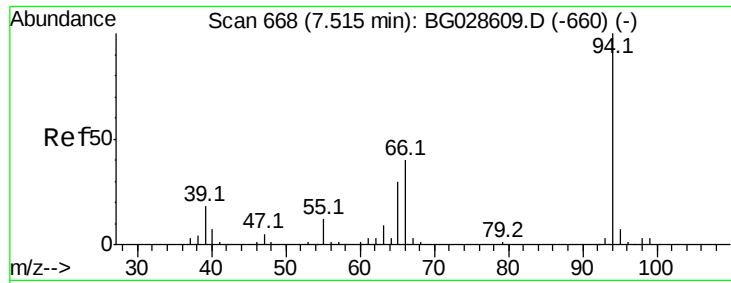
Instrument :
BNA_G
ClientSampleId :
E61F9MS

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Quant Time: Sep 11 02:03:17 2017
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#6

Phenol

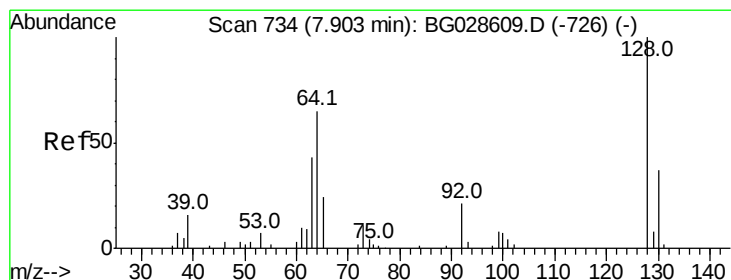
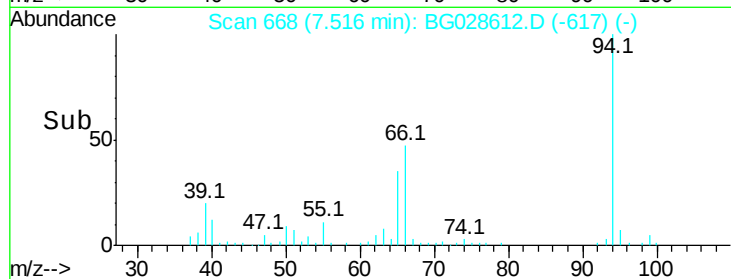
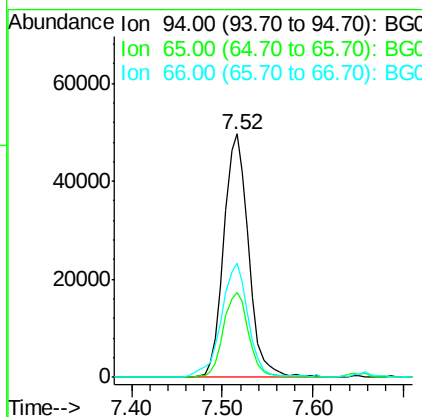
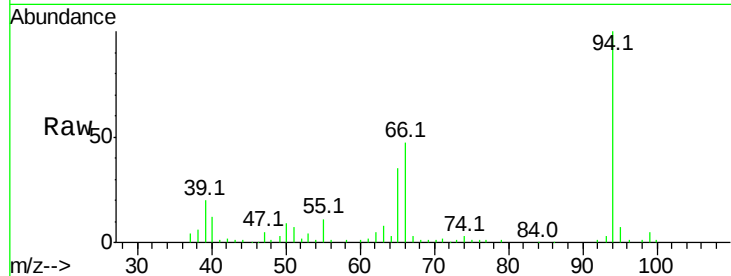
Concen: 32.992 ng/ul
RT: 7.52 min Scan# 668
Delta R.T. 0.00 min
Lab File: BG028612.D
Acq: 9 Sep 2017 11:03

Instrument :
BNA_G
ClientSampleId :
E61F9MS

Tot Ion	Ratio	Lower	Upper
94	100		
65	34.8	26.8	40.2
66	46.8	44.4	66.6

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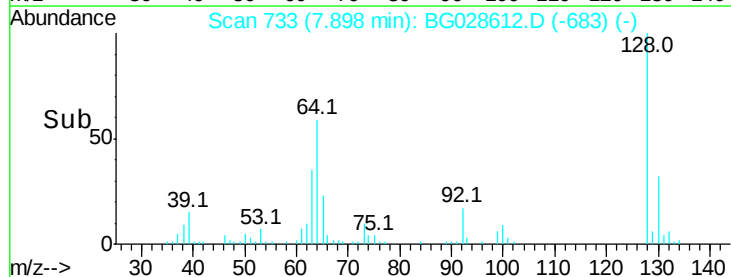
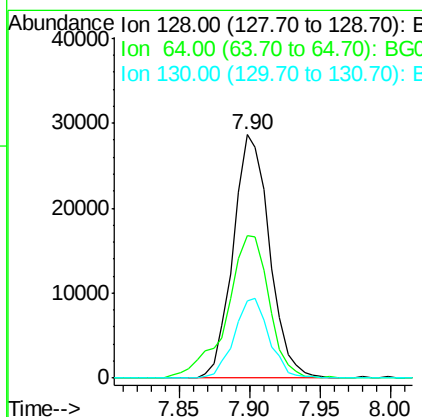
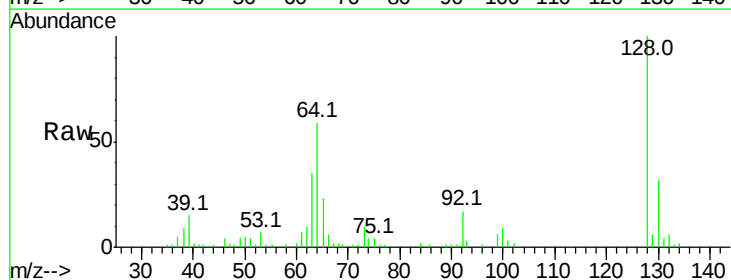


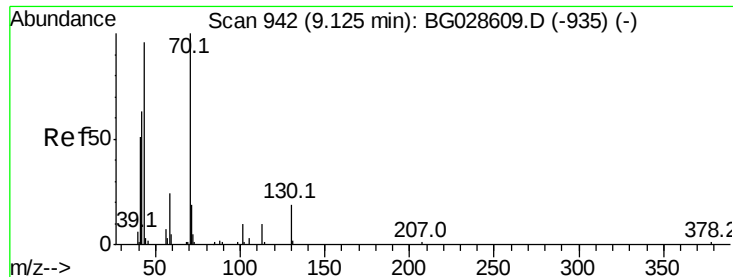
#10

2-Chlorophenol

Concen: 26.418 ng/ul
RT: 7.90 min Scan# 733
Delta R.T. -0.00 min
Lab File: BG028612.D
Acq: 9 Sep 2017 11:03

Tgt Ion	Ratio	Lower	Upper
128	100		
64	58.6	56.3	84.5
130	31.8	26.7	40.1





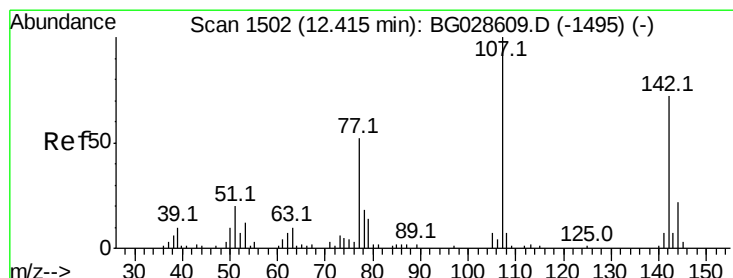
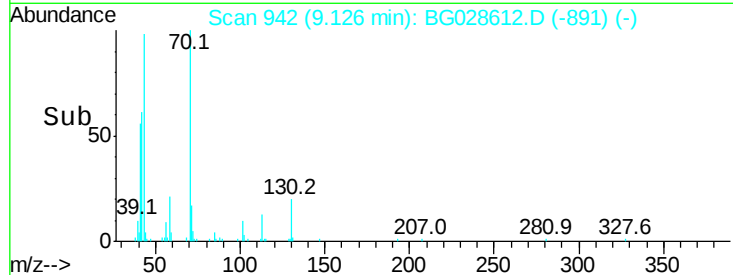
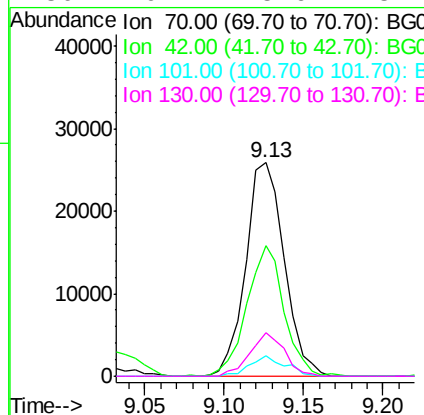
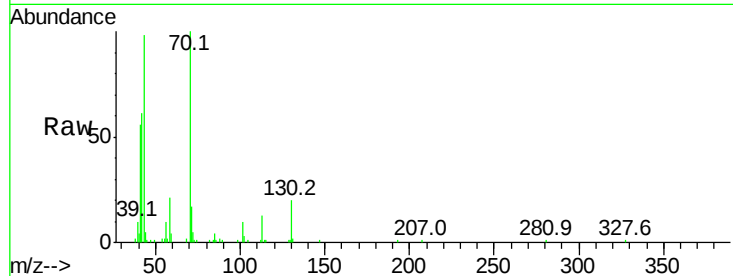
#15
N-Nitroso-di-n-propylamine
Concen: 23.633 ng/ul
RT: 9.13 min Scan# 942
Delta R.T. 0.00 min
Lab File: BG028612.D
Acq: 9 Sep 2017 11:03

Instrument :
BNA_G
ClientSampleId :
E61F9MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.0	59.0	88.6
101	9.9	6.6	9.8
130	20.4	15.6	23.4

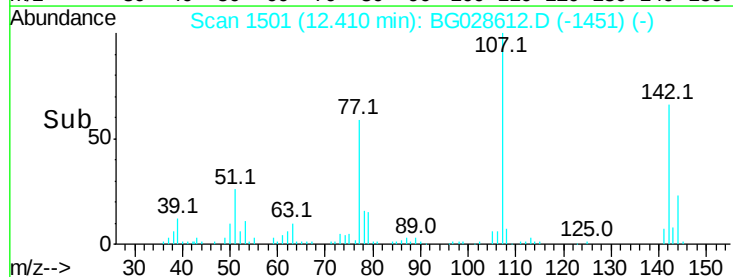
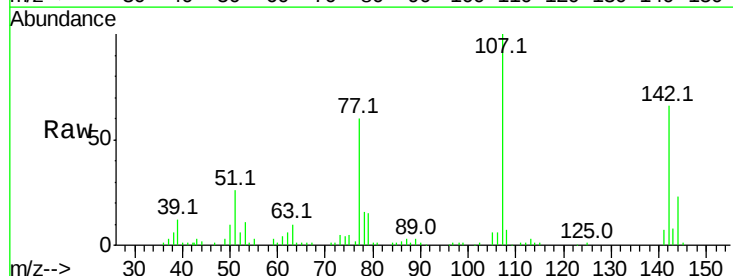
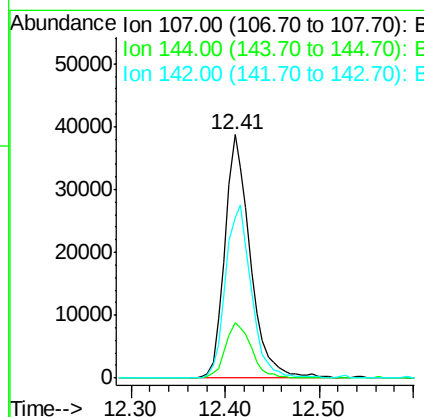
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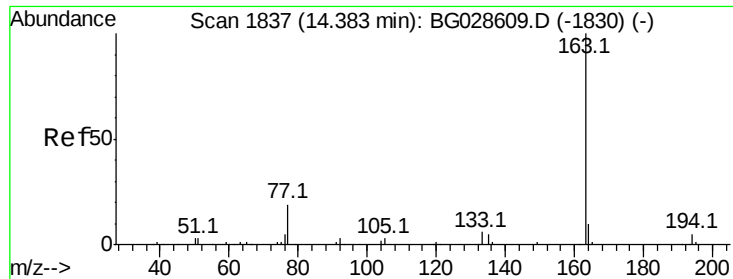
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#33
4-Chloro-3-methylphenol
Concen: 27.174 ng/ul
RT: 12.41 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BG028612.D
Acq: 9 Sep 2017 11:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.9	18.2	27.4
142	65.8	55.0	82.4





#44

Dimethylphthalate

Concen: 22.606 ng/ul

RT: 14.38 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BG028612.D

Acq: 9 Sep 2017 11:03

Instrument :

BNA_G

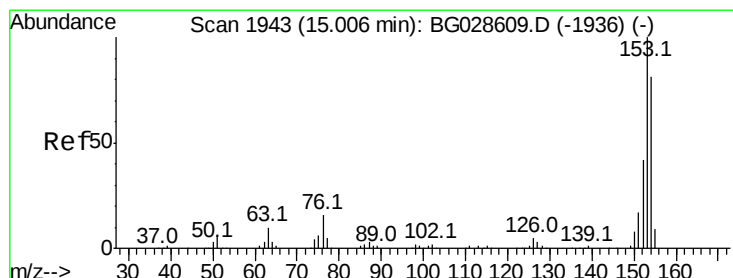
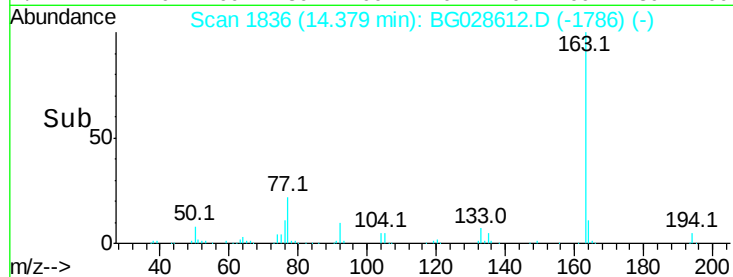
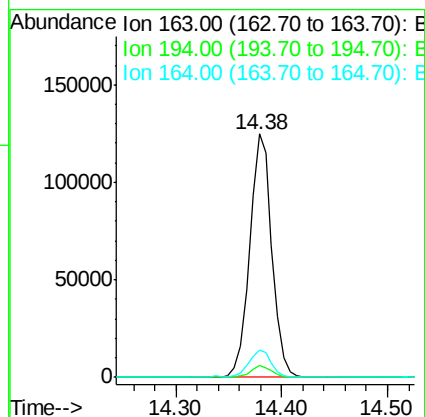
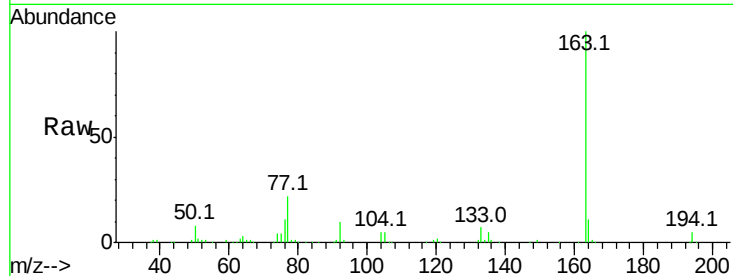
ClientSampleId :

E61F9MS

Tot Ion:	163	Resp:	181104
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.4	5.0
164	11.0	9.0	13.4

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#49

Acenaphthene

Concen: 21.580 ng/ul

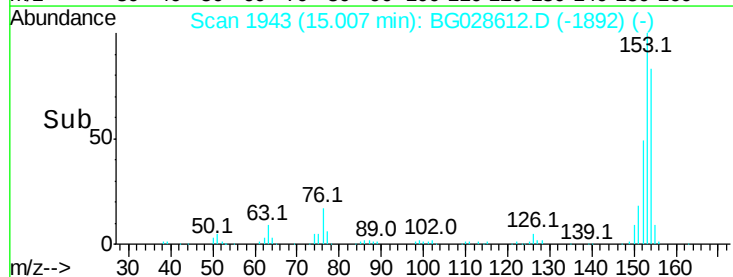
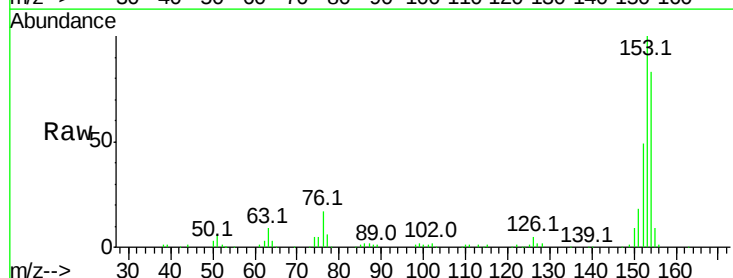
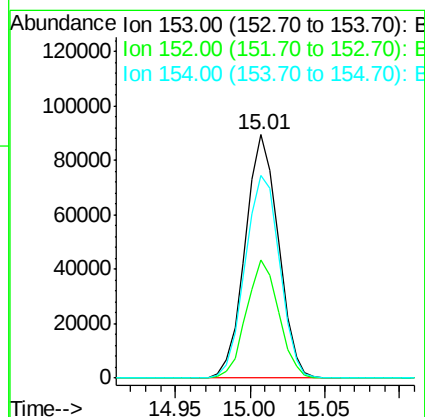
RT: 15.01 min Scan# 1943

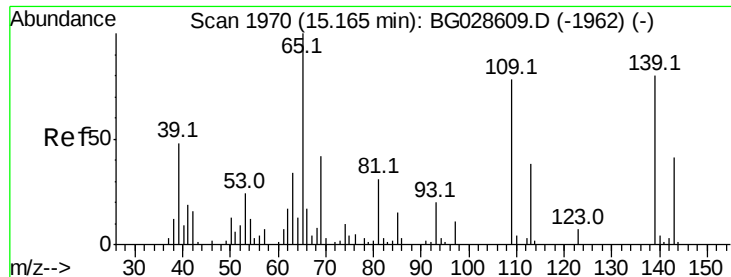
Delta R.T. 0.00 min

Lab File: BG028612.D

Acq: 9 Sep 2017 11:03

Tgt Ion:	153	Resp:	137806
Ion Ratio	Lower	Upper	
153	100		
152	48.7	36.5	54.7
154	83.4	72.3	108.5





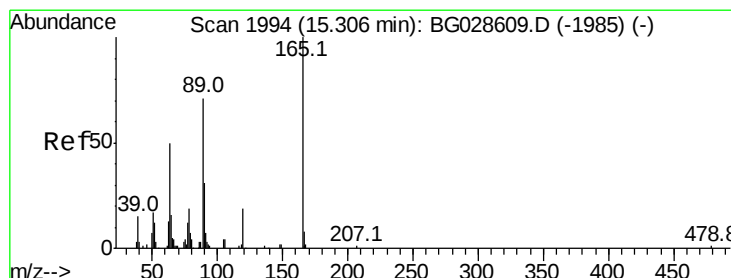
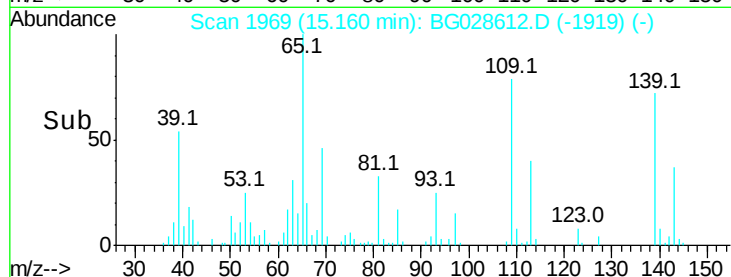
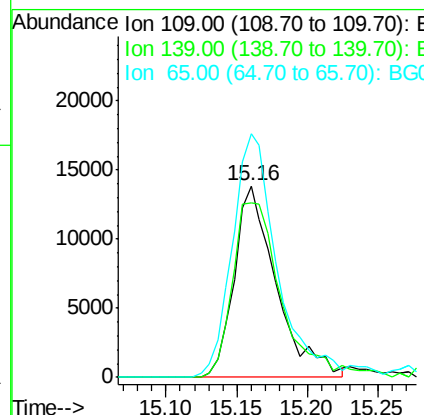
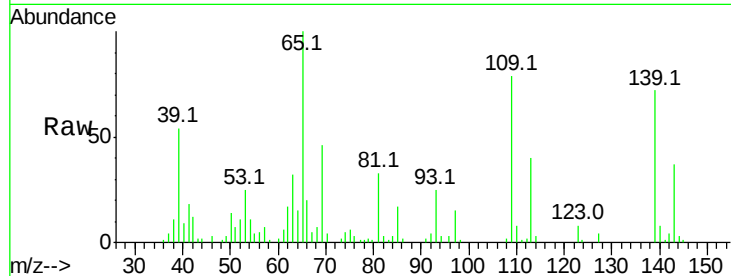
#52
4-Nitrophenol
Concen: 23.232 ng/ul
RT: 15.16 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG028612.D
Acq: 9 Sep 2017 11:03

Instrument :
BNA_G
ClientSampleId :
E61F9MS

Tot Ion	Ratio	Resp	Lower	Upper
109	100			
139	91.1	62.6	93.8	
65	127.0	90.4	135.6	

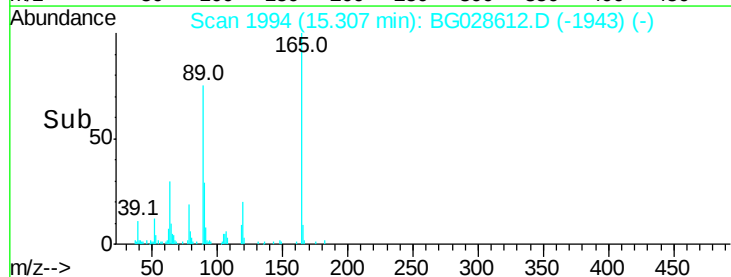
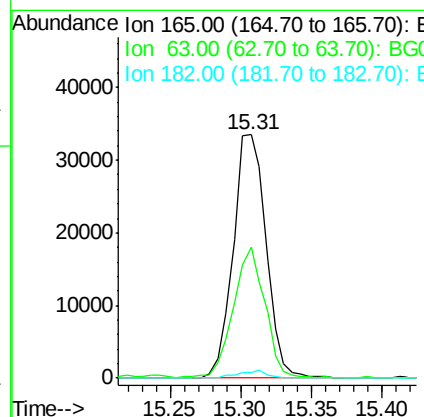
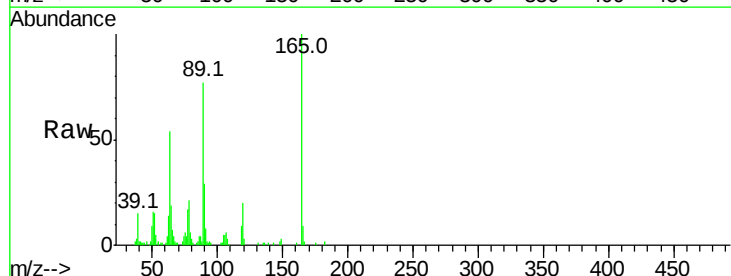
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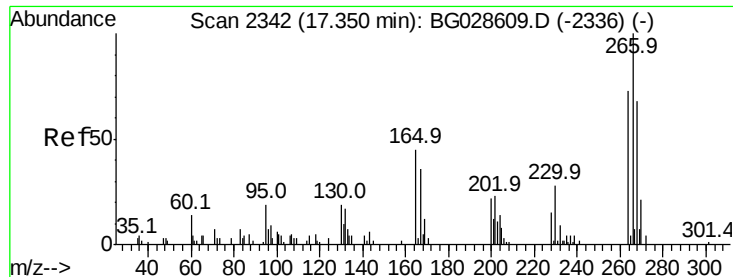
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#54
2,4-Dinitrotoluene
Concen: 21.086 ng/ul
RT: 15.31 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BG028612.D
Acq: 9 Sep 2017 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.6	46.8	70.2	
182	2.3	1.8	2.6	





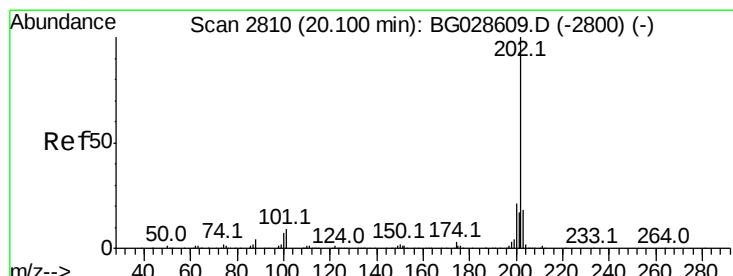
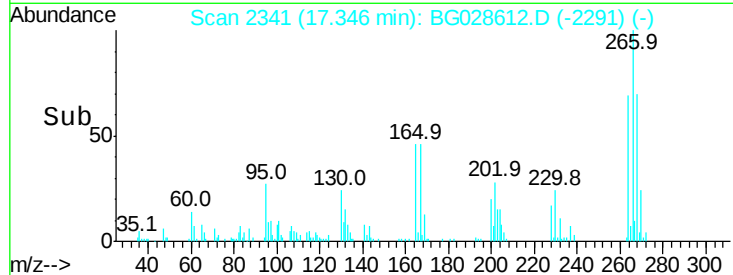
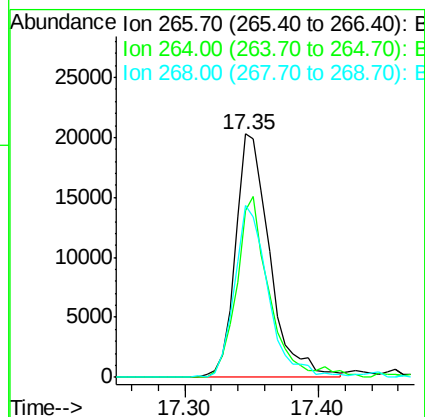
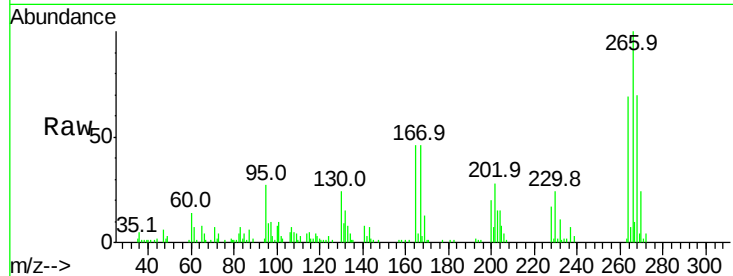
#68
 Pentachlorophenol
 Concen: 24.823 ng/ul
 RT: 17.35 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG028612.D
 Acq: 9 Sep 2017 11:03

Instrument :
 BNA_G
 ClientSampled :
 E61F9MS

Tot Ion:	266	Resp:	36152
Ion Ratio	Lower	Upper	
266	100		
264	68.6	47.1	70.7
268	70.4	56.2	84.4

Manual Integrations
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#77
 Pyrene
 Concen: 23.560 ng/ul
 RT: 20.10 min Scan# 2810
 Delta R.T. 0.00 min
 Lab File: BG028612.D
 Acq: 9 Sep 2017 11:03

Tgt Ion:	202	Resp:	378535
Ion Ratio	Lower	Upper	
202	100		
101	8.4	6.9	10.3
100	6.6	6.6	10.0#

