

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

Quant Time: Sep 11 01:30:11 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	15.23	143	714	0.53	ng/ul	0.08
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

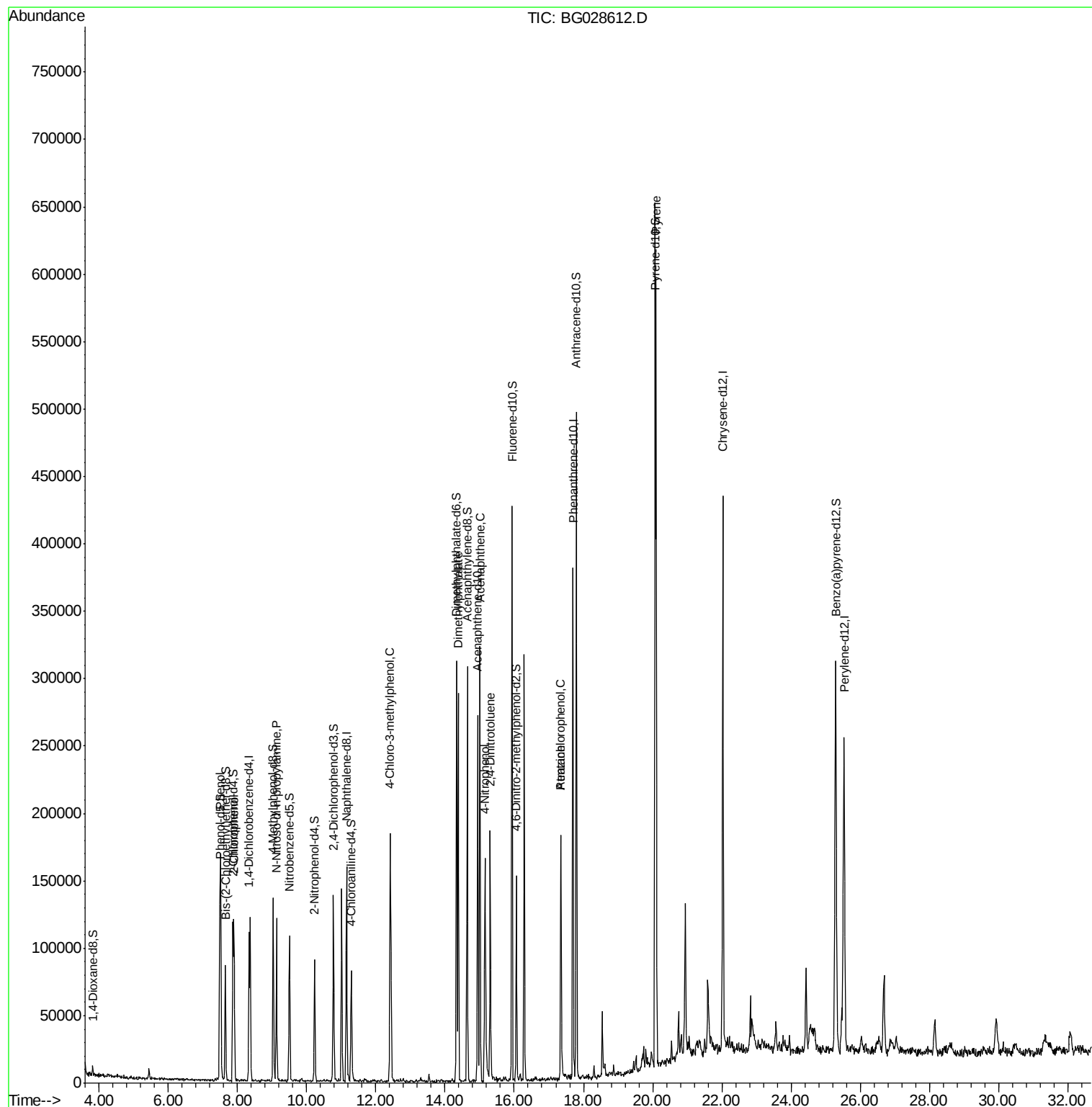
					Ovalue	
6) Phenol	7.52	94	94197	32.992	ng/ul	92
10) 2-Chlorophenol	7.90	128	51457	26.418	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.13	70	43618	23.633	ng/ul#	88
33) 4-Chloro-3-methylphenol	12.41	107	72668	27.174	ng/ul	97
44) Dimethylphthalate	14.38	163	181104	22.606	ng/ul	99
49) Acenaphthene	15.01	153	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
67) Atrazine	17.35	200	7572	2.486	ng/ul#	35
68) Pentachlorophenol	17.35	266	36152	24.823	ng/ul	94
77) Pyrene	20.10	202	378535	23.560	ng/ul#	97

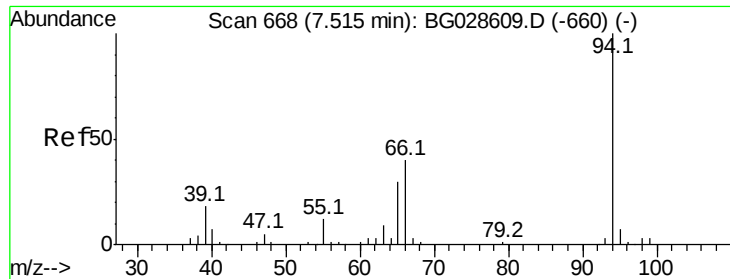
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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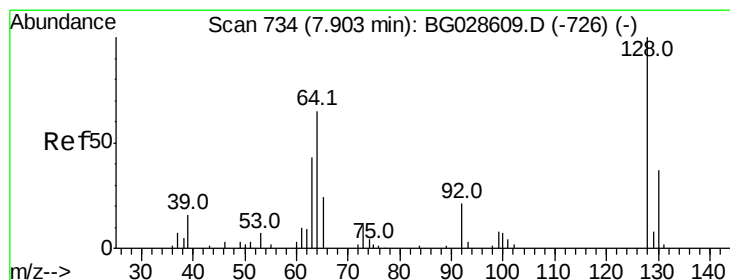
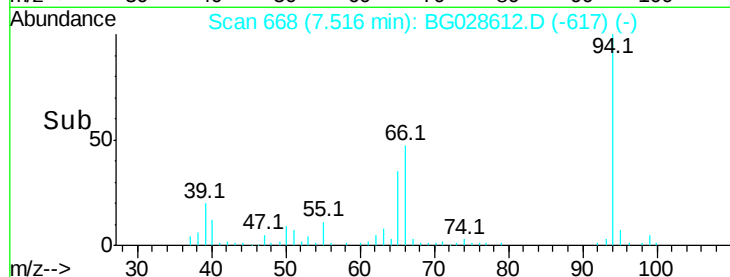
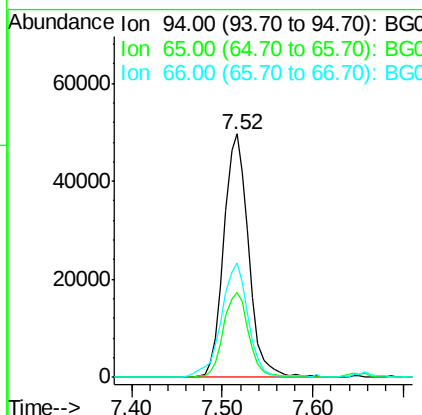
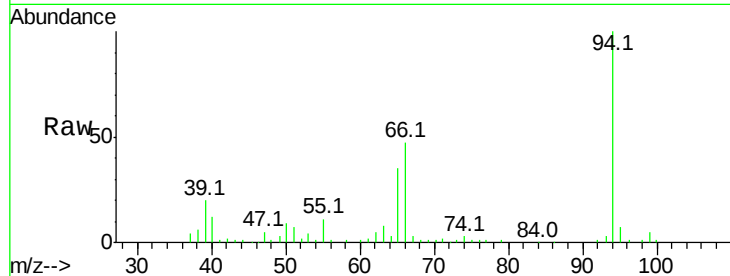
#6

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

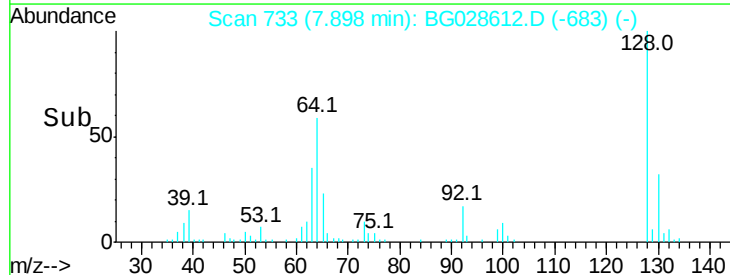
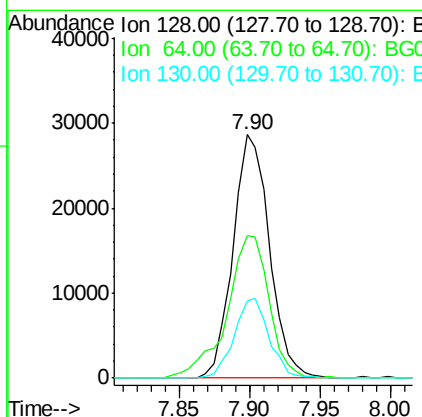
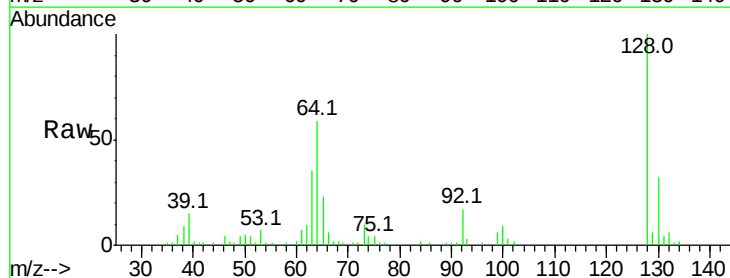


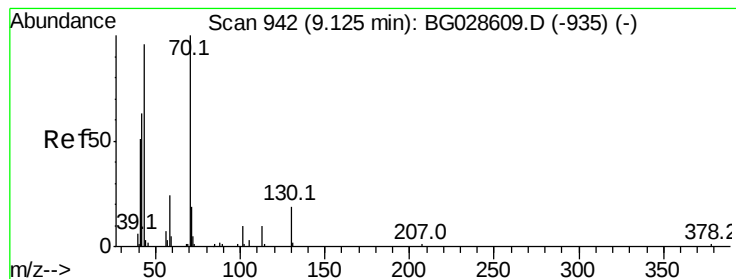
#10

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

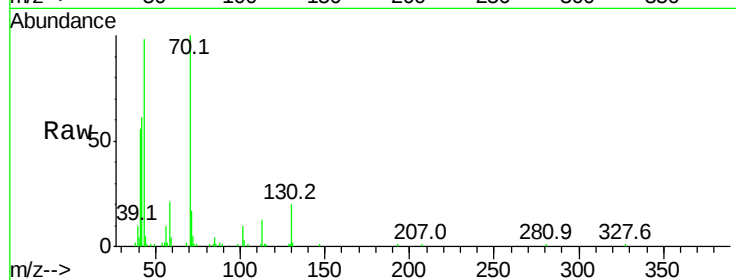
ClientSampleId :

E61F9MS

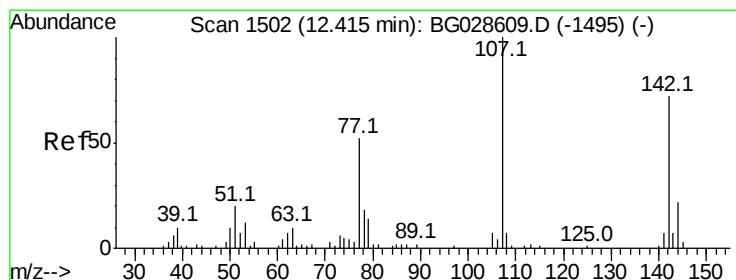
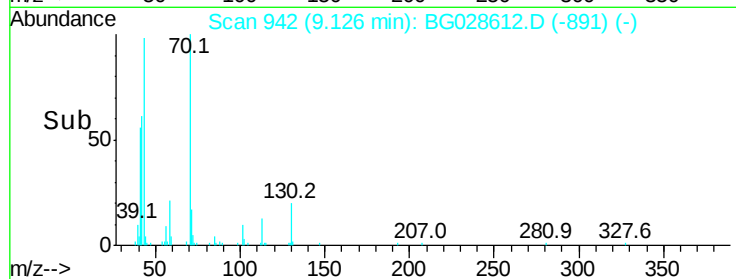
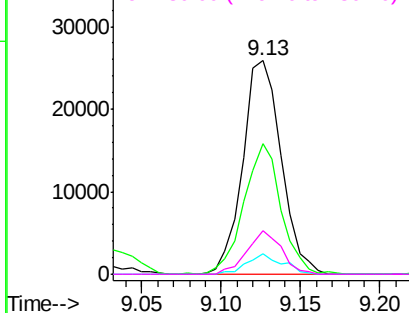
Tot Ion: 70 Resp: 43618

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



Abundance Ion 70.00 (69.70 to 70.70): BGC
 Ion 42.00 (41.70 to 42.70): BGC
 Ion 101.00 (100.70 to 101.70): BGC
 Ion 130.00 (129.70 to 130.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 27.174 ng/ul

RT: 12.41 min Scan# 1501

Delta R.T. -0.00 min

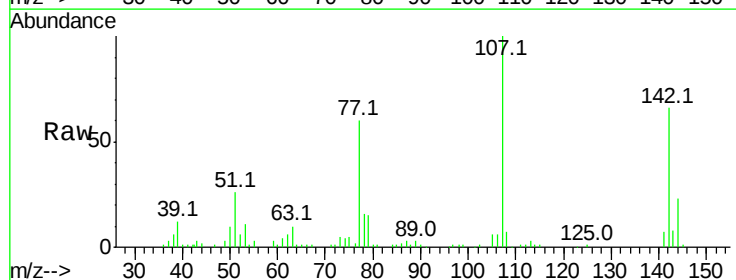
Lab File: BG028612.D

Acq: 9 Sep 2017 11:03

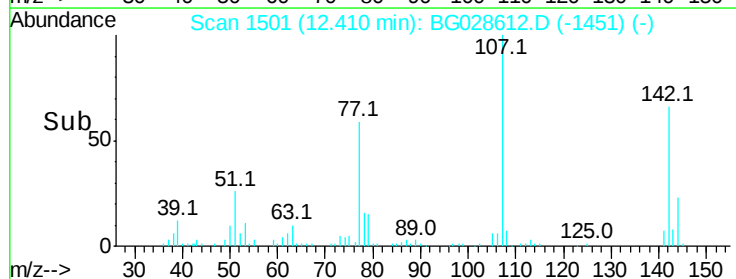
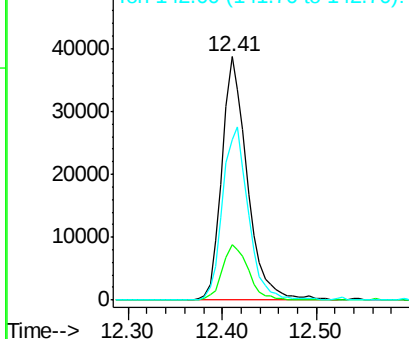
Tgt Ion: 107 Resp: 72668

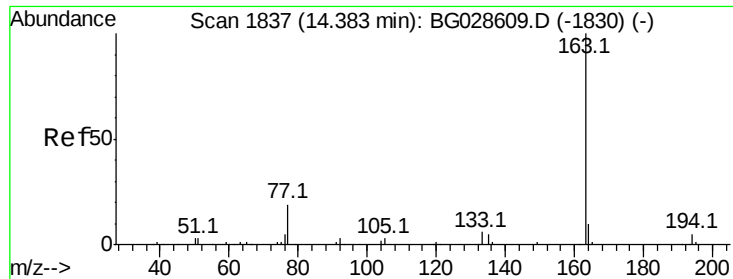
Ion Ratio Lower Upper

107	100		
144	22.9	18.2	27.4
142	65.8	55.0	82.4



Abundance Ion 107.00 (106.70 to 107.70): BGC
 Ion 144.00 (143.70 to 144.70): BGC
 Ion 142.00 (141.70 to 142.70): BGC





#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

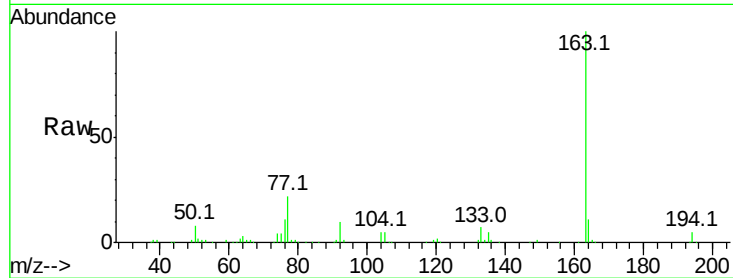
Tot Ion:163 Resp: 181104

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.0

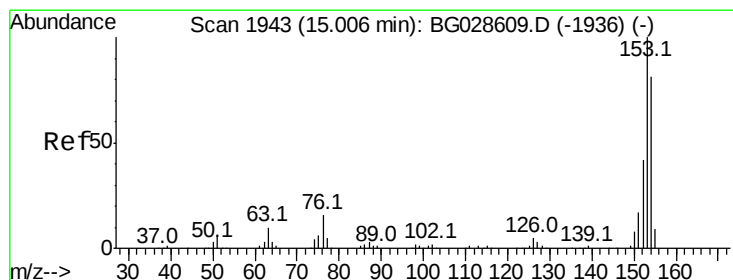
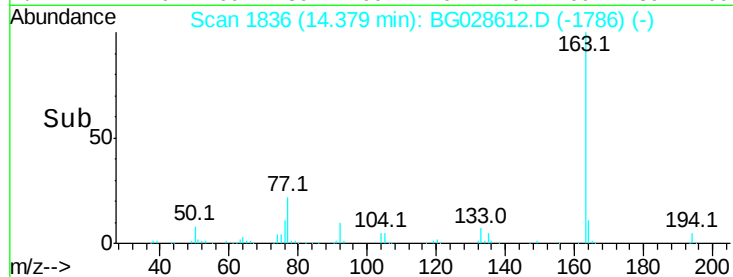
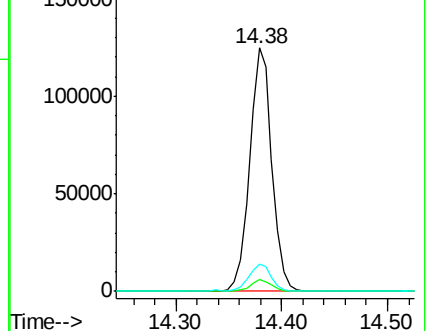
164 11.0 9.0 13.4



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



#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

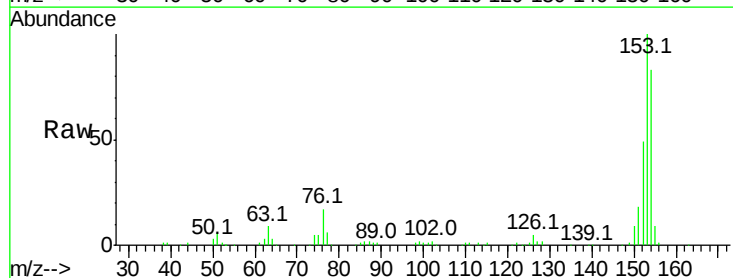
Tgt Ion:153 Resp: 137806

Ion Ratio Lower Upper

153 100

152 48.7 36.5 54.7

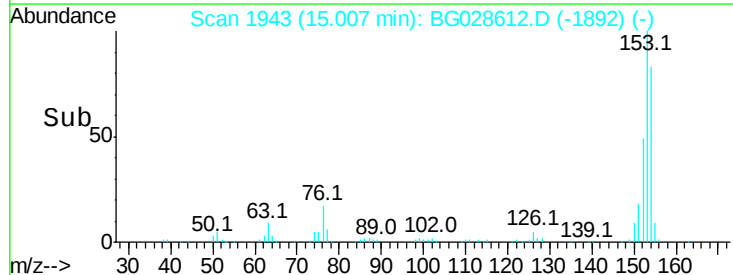
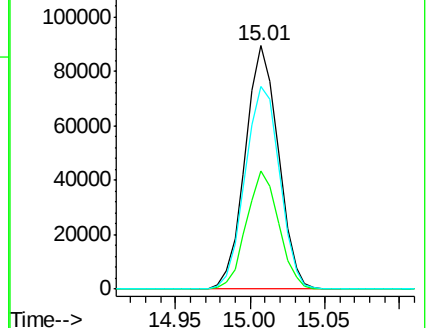
154 83.4 72.3 108.5

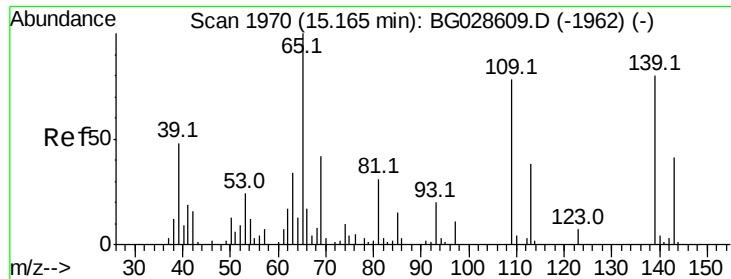


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#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

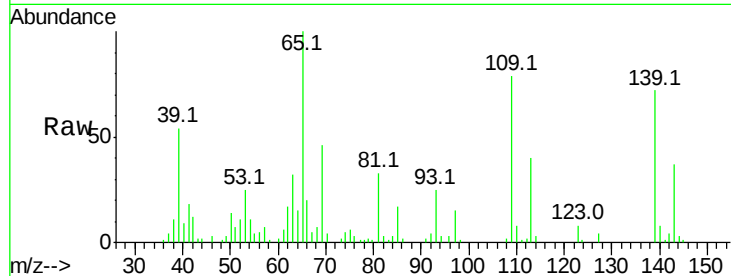
Tot Ion:109 Resp: 28808

Ion Ratio Lower Upper

109 100

139 91.1 62.6 93.8

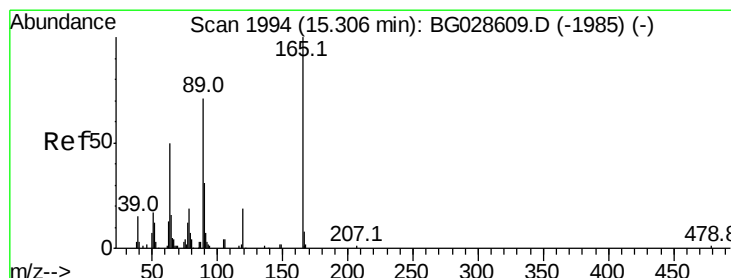
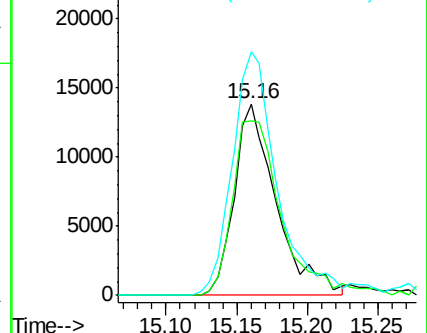
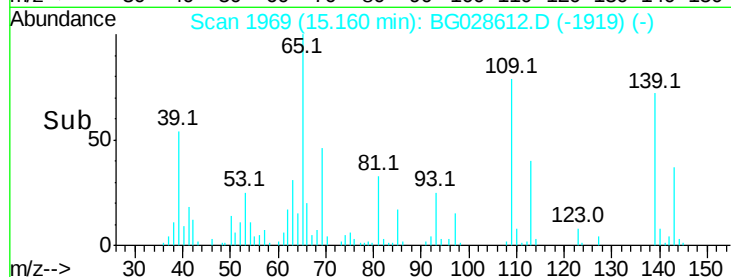
65 127.0 90.4 135.6



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



#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

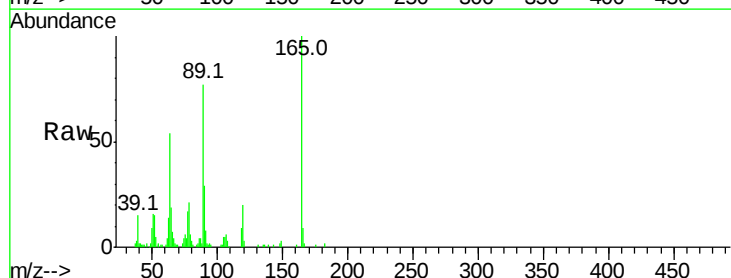
Tgt Ion:165 Resp: 54289

Ion Ratio Lower Upper

165 100

63 53.6 46.8 70.2

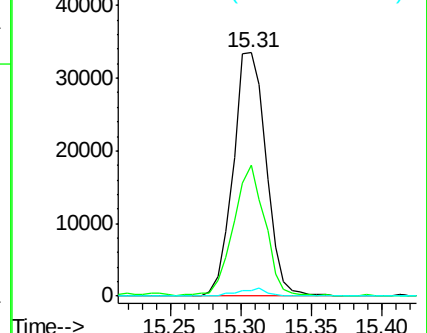
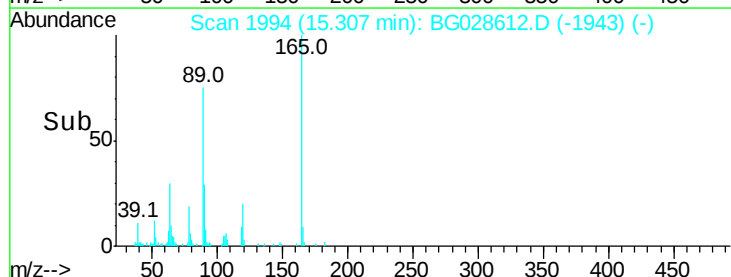
182 2.3 1.8 2.6

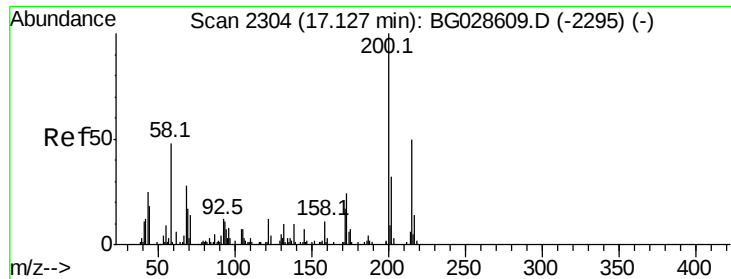


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E

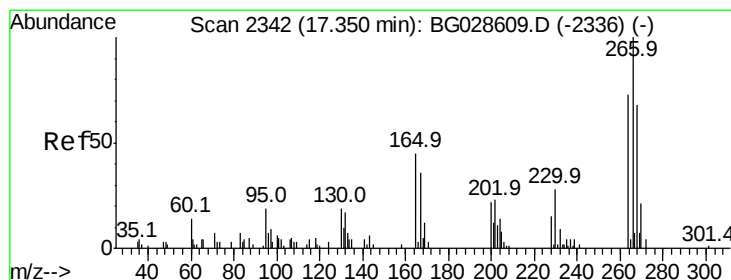
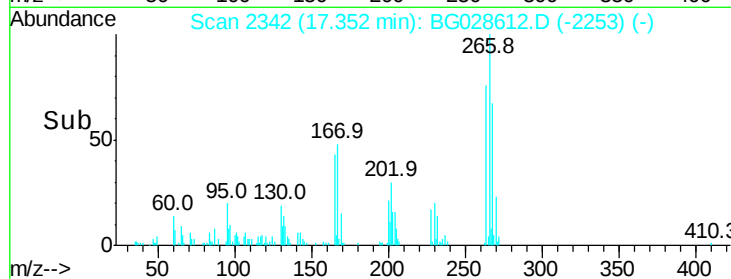
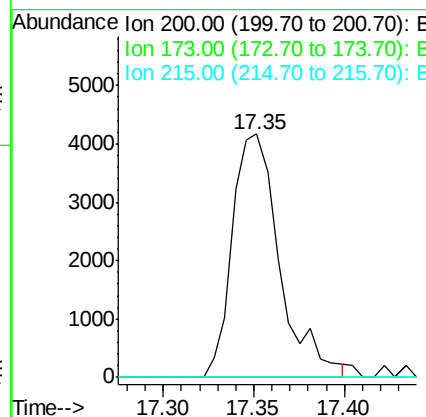
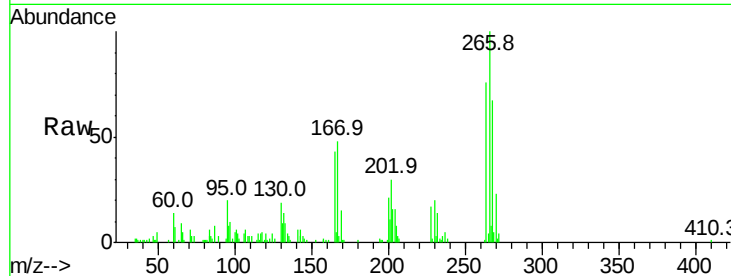




#67
Atrazine
Concen: 2.486 ng/ul
RT: 17.35 min Scan# 2342
Delta R.T. 0.22 min
Lab File: BG028612.D
Acq: 9 Sep 2017 11:03

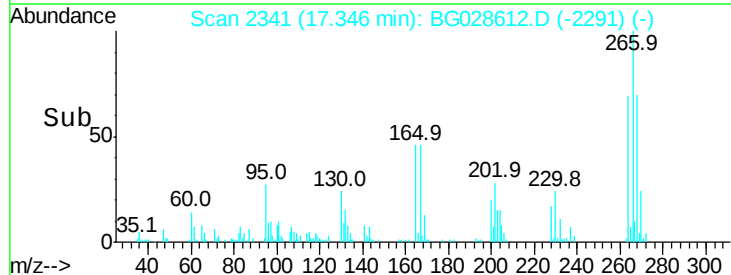
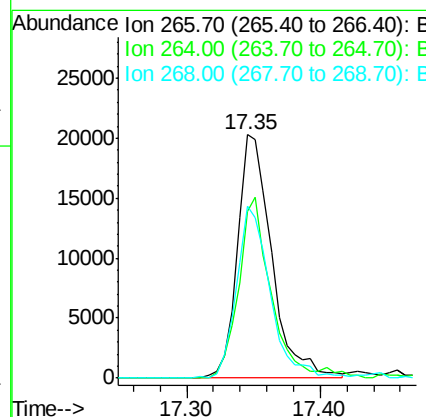
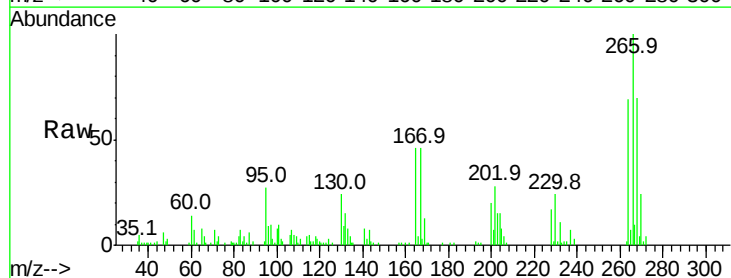
Instrument :
BNA_G
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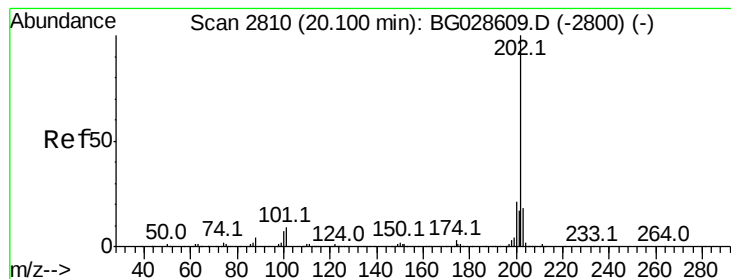
Tot Ion	Ratio	Lower	Upper
200	100		
173	0.0	19.2	28.8#
215	0.0	40.3	60.5#



#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

Tgt Ion	Ratio	Lower	Upper
266	100		
264	68.6	47.1	70.7
268	70.4	56.2	84.4





#77

Pvrene

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

Instrument :

BNA_G

ClientSampleId :

E61F9MS

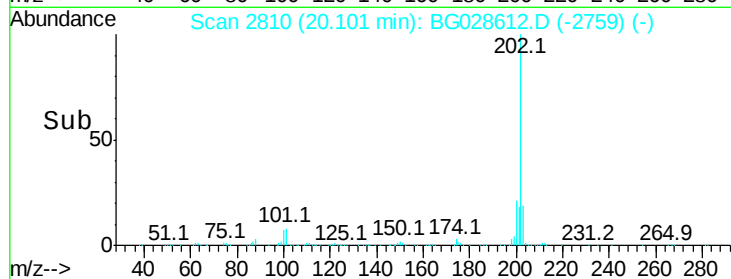
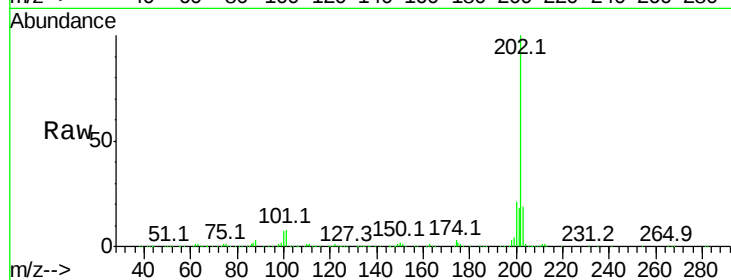
Tot Ion:202 Resp: 378535

Ion Ratio Lower Upper

202 100

101 8.4 6.9 10.3

100 6.6 6.6 10.0#



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

