

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
 Data File : BG018864.D
 Acq On : 23 Sep 2015 23:25
 Operator : UM/NP
 Sample : G3690-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC2W1

Manual Integrations
 APPROVED

MMDadoda
 9/24/2015 4:41:18 PM

Quant Time: Sep 24 12:31:21 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 24 04:11:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	75683	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	347776	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	226392	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.40	188	446866	20.00	ng/ul	0.03
78) Chrysene-d12	21.65	240	455362	20.00	ng/ul	0.01
86) Perylene-d12	24.84	264	472580	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	2798	1.78	ng/uL	0.00
5) Phenol-d5	7.16	99	79285	12.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	51757	14.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	61802	13.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	67862	13.46	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	34831	13.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	36565	13.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	70872	12.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	20724m	3.19	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	223703	12.28	ng/ul	0.02
47) Acenaphthylene-d8	14.32	160	285199	13.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	37619	10.76	ng/ul	0.00
58) Fluorene-d10	15.62	176	183158	11.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.76	200	316395	149.58	ng/ul	0.02
71) Anthracene-d10	17.50	188	278811	14.17	ng/ul	0.03
79) Pyrene-d10	19.76	212	247050	11.79	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.62	264	325037	14.13	ng/ul	0.01

Target Compounds

						Ovalue
6) Phenol	7.19	94	65868	10.25	ng/ul	90
24) 2,4-Dimethylphenol	10.01	107	13072m	2.11	ng/ul	
28) Naphthalene	10.85	128	77374	4.37	ng/ul	97
34) 2-Methylnaphthalene	12.46	142	33160	2.54	ng/ul	94
35) 1-Methylnaphthalene	12.67	142	21934	1.75	ng/ul	98
40) 2,4,5-Trichlorophenol	13.13	196	192383	39.20	ng/ul	98
41) 1,1'-Biphenyl	13.46	154	108799	6.35	ng/ul	95
45) Dimethylphthalate	14.10	163	139287	7.89	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.27	232	1258093	265.43	ng/ul#	93
69) Pentachlorophenol	17.12	266	13105309m	4630.96	ng/ul	
70) Phenanthrene	17.44	178	29180	1.28	ng/ul#	87
73) 1,2,3,4-Tetrachlorobenzene	13.43	216	5904	1.11	ng/ul#	83
74) Pentachlorobenzene	14.95	250	5390	1.04	ng/ul	94
76) Di-n-butylphthalate	18.36	149	4141407	162.03	ng/ul#	55
84) Bis(2-ethylhexyl)phthalate	21.53	149	982361	64.50	ng/ul#	93

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

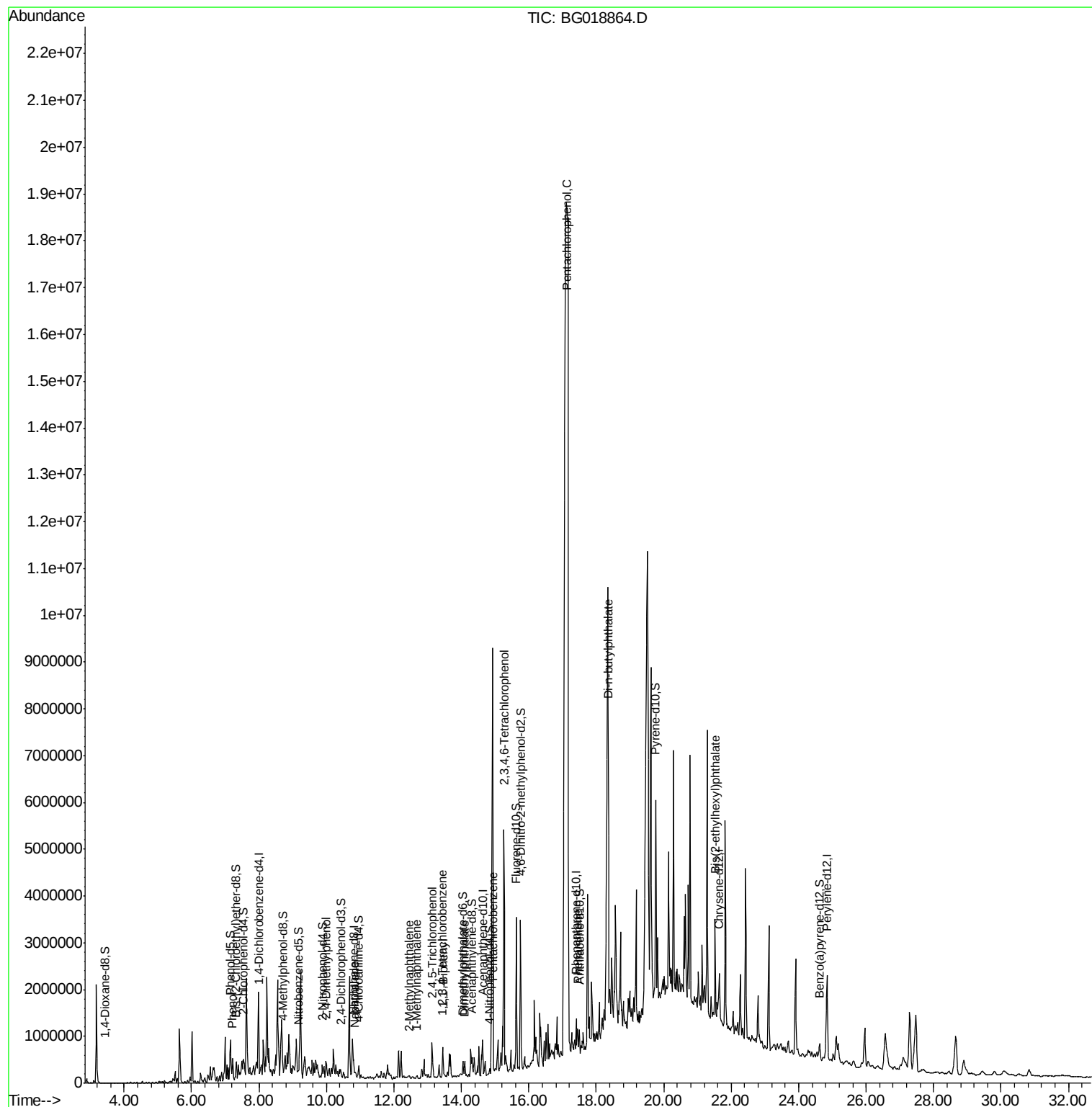
Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
Data File : BG018864.D
Acq On : 23 Sep 2015 23:25
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Sample : G3690-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

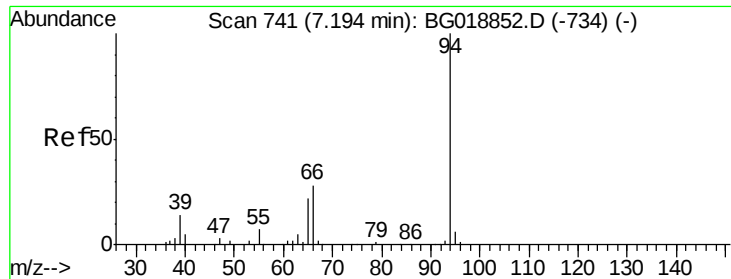
Instrument :
BNA_G
ClientSampleId :
BC2W1

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Quant Time: Sep 24 12:31:21 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 04:11:41 2015
Response via : Initial Calibration





#6

Phenol

Concen: 10.25 ng/ul

RT: 7.19 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG018864.D

Acq: 23 Sep 2015 23:25

Instrument :

BNA_G

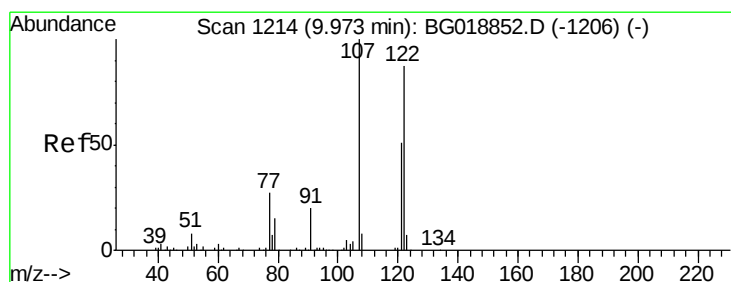
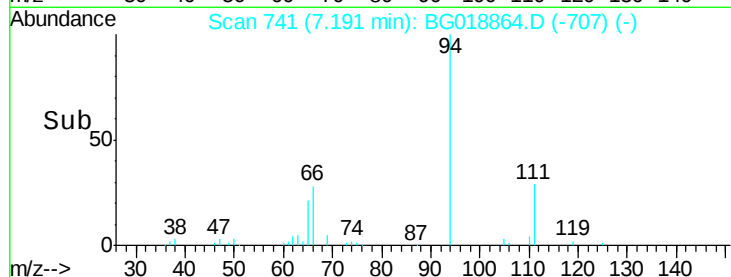
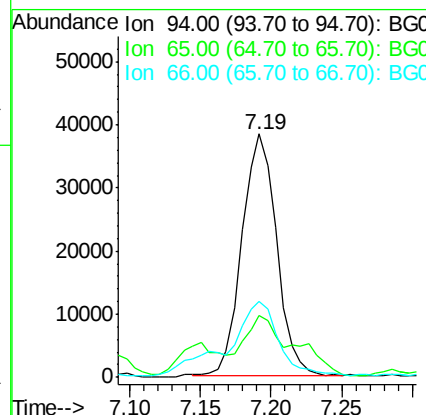
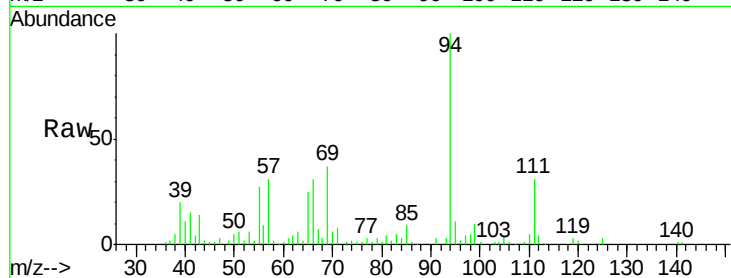
ClientSampled :

BC2W1

Tot Ion:	94	Resp:	65868
Ion	Ratio	Lower	Upper
94	100		
65	25.4	23.0	34.6
66	31.1	31.0	46.4

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#24

2,4-Dimethylphenol

Concen: 2.11 ng/ul m

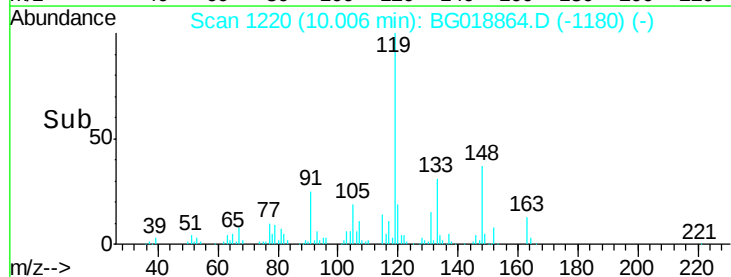
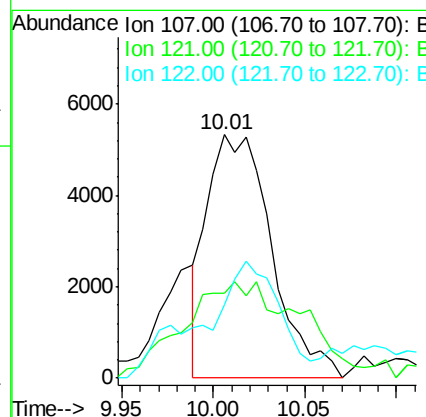
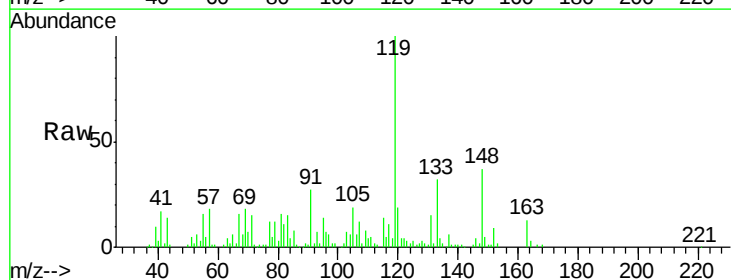
RT: 10.01 min Scan# 1220

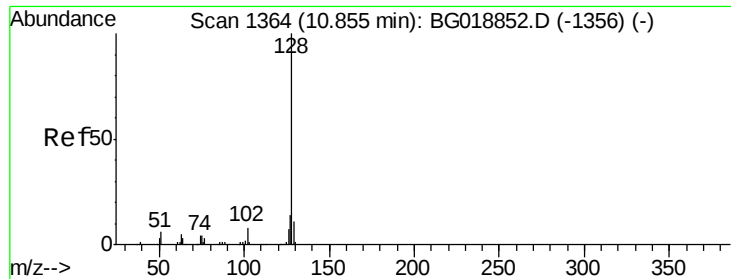
Delta R.T. 0.03 min

Lab File: BG018864.D

Acq: 23 Sep 2015 23:25

Tgt Ion:	107	Resp:	13072
Ion	Ratio	Lower	Upper
107	100		
121	34.8	41.3	61.9#
122	30.1	71.9	107.9#





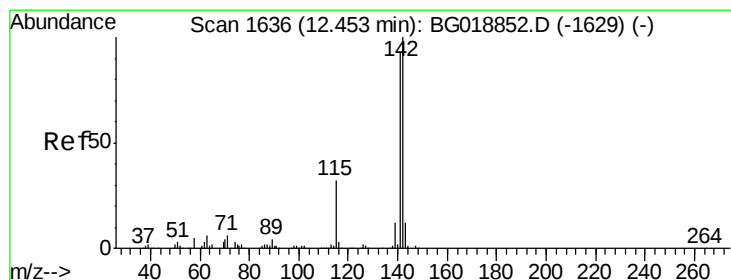
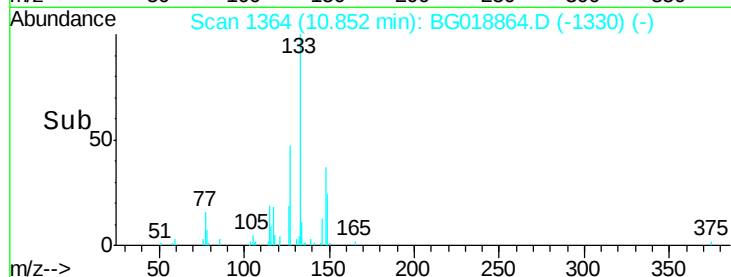
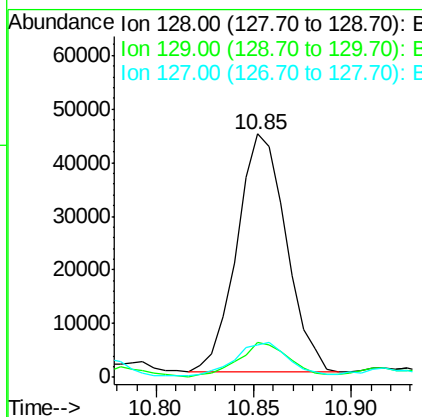
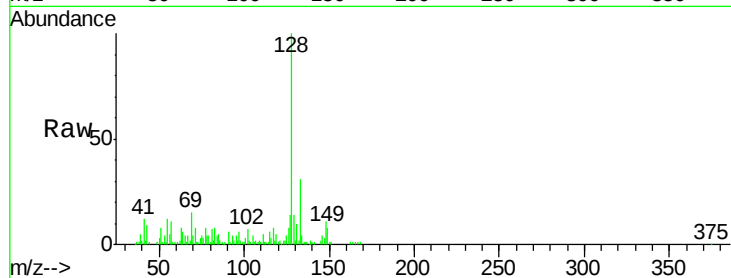
#28
Naphthalene
Concen: 4.37 ng/ul
RT: 10.85 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG018864.D
Acq: 23 Sep 2015 23:25

Instrument :
BNA_G
ClientSampleId :
BC2W1

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.2	9.6	14.4
127	13.6	10.5	15.7

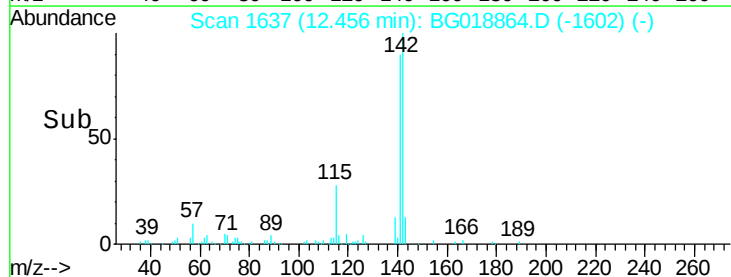
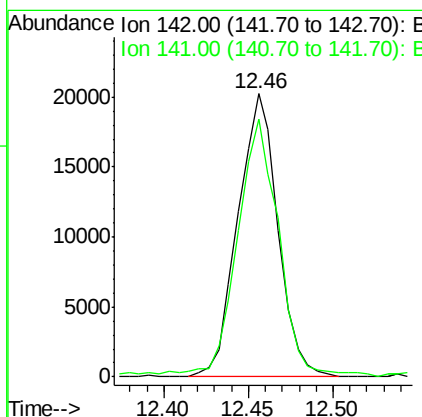
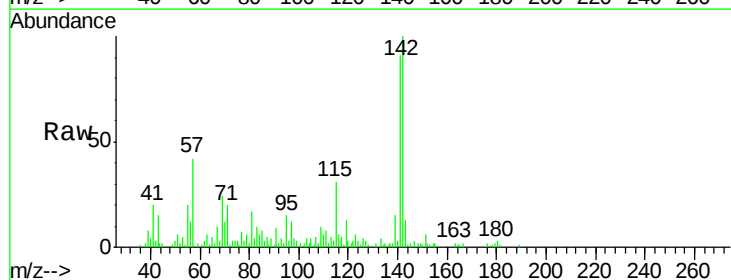
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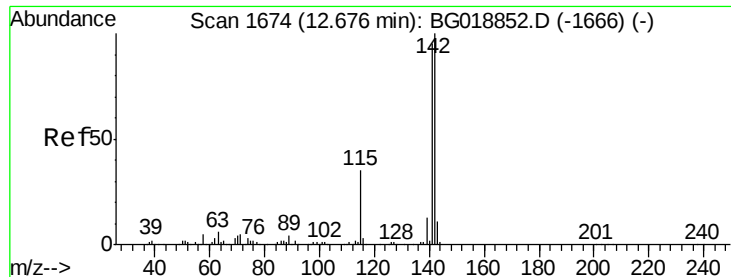
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#34
2-Methylnaphthalene
Concen: 2.54 ng/ul
RT: 12.46 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG018864.D
Acq: 23 Sep 2015 23:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	78.0	117.0





#35

1-Methylnaphthalene

Concen: 1.75 ng/ul

RT: 12.67 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BG018864.D

Acq: 23 Sep 2015 23:25

Instrument :

BNA_G

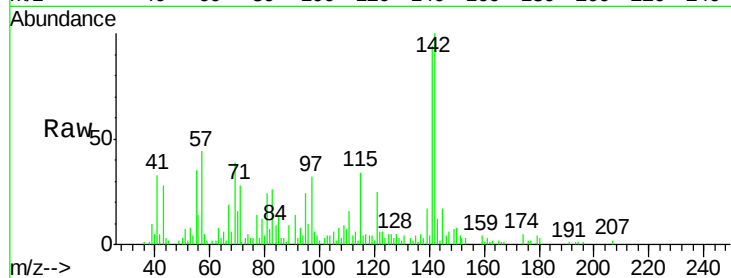
ClientSampled :

BC2W1

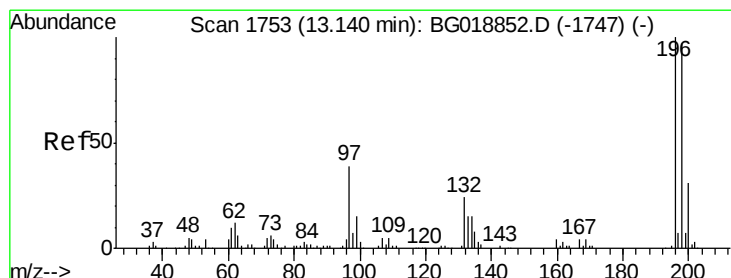
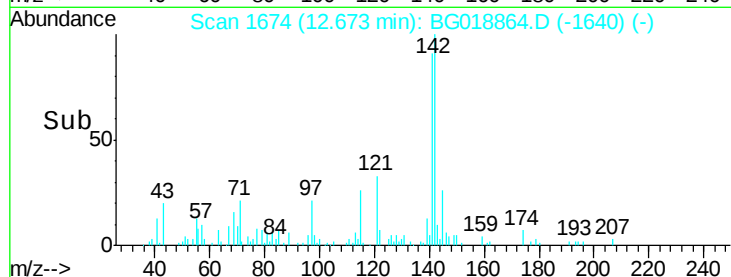
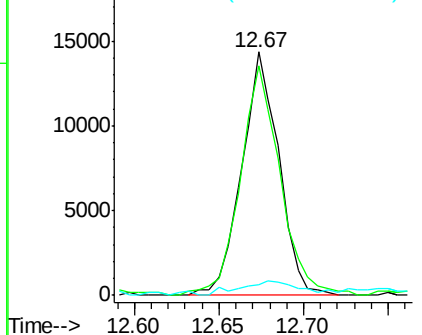
Tot Ion:	142	Resp:	21934
Ion Ratio	Lower	Upper	
142	100		
141	94.0	77.1	115.7
116	4.2	3.5	5.3

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



#40

2,4,5-Trichlorophenol

Concen: 39.20 ng/ul

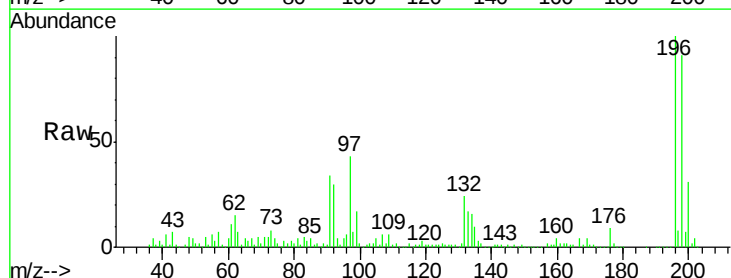
RT: 13.13 min Scan# 1752

Delta R.T. -0.01 min

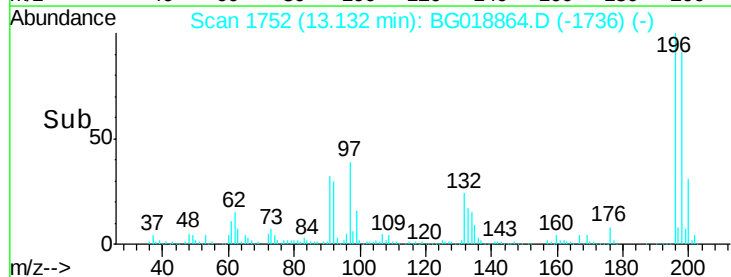
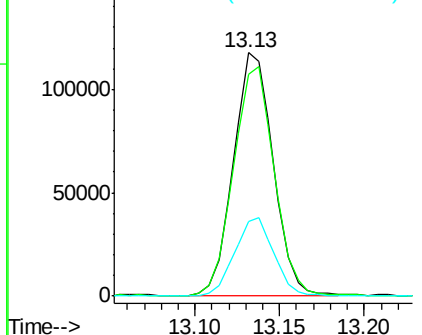
Lab File: BG018864.D

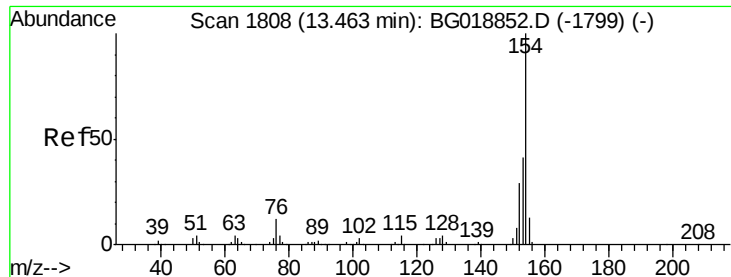
Acq: 23 Sep 2015 23:25

Tgt Ion:	196	Resp:	192383
Ion Ratio	Lower	Upper	
196	100		
198	91.0	74.2	111.4
200	30.9	25.2	37.8



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





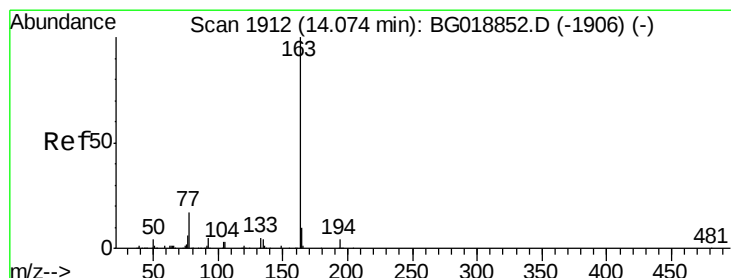
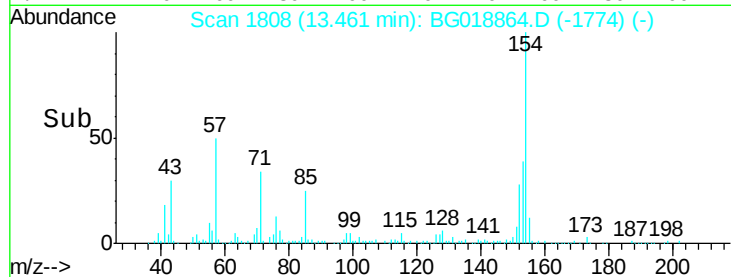
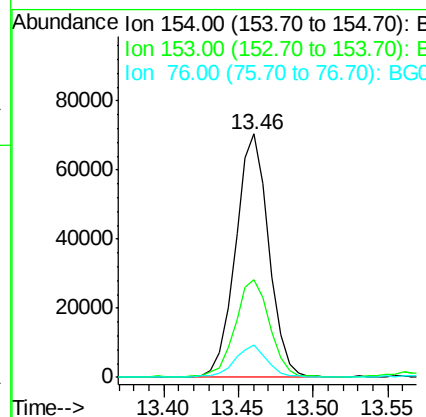
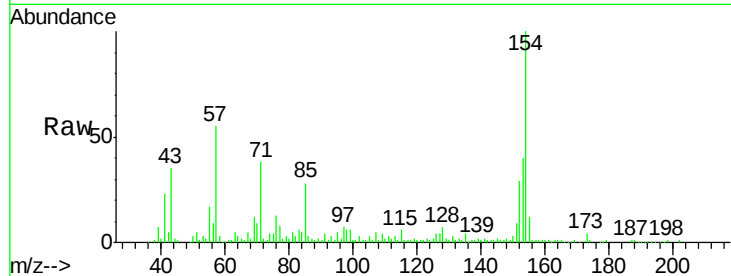
#41
 1,1'-Biphenyl
 Concen: 6.35 ng/ul
 RT: 13.46 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: BG018864.D
 Acq: 23 Sep 2015 23:25

Instrument :
 BNA_G
 ClientSampleId :
 BC2W1

Tot Ion:	154	Resp:	108799
Ion Ratio	Lower	Upper	
154	100		
153	40.0	35.2	52.8
76	13.3	10.6	16.0

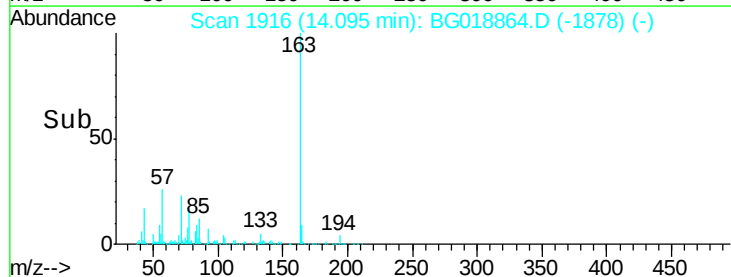
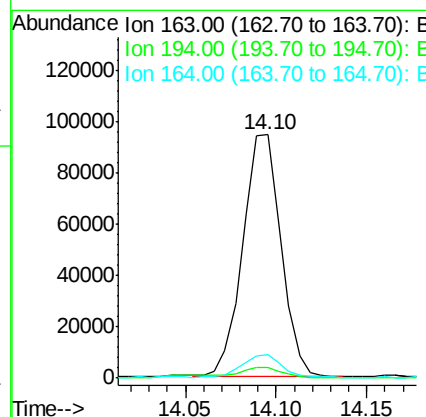
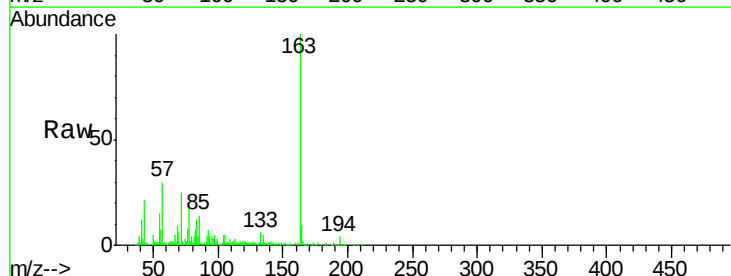
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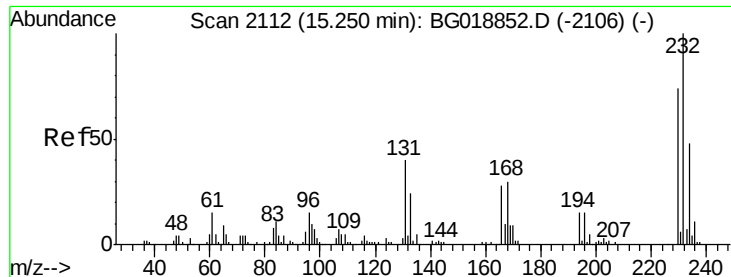
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#45
 Dimethylphthalate
 Concen: 7.89 ng/ul
 RT: 14.10 min Scan# 1916
 Delta R.T. 0.02 min
 Lab File: BG018864.D
 Acq: 23 Sep 2015 23:25

Tgt Ion:	163	Resp:	139287
Ion Ratio	Lower	Upper	
163	100		
194	4.3	2.9	4.3
164	9.9	7.7	11.5





#56

2,3,4,6-Tetrachlorophenol

Concen: 265.43 ng/ul

RT: 15.27 min Scan# 2116

Delta R.T. 0.02 min

Lab File: BG018864.D

Acq: 23 Sep 2015 23:25

Instrument :

BNA_G

ClientSampleId :

BC2W1

Tot Ion:232 Resp: 1258093

Ion Ratio Lower Upper

232 100

131 40.3 37.4 56.0

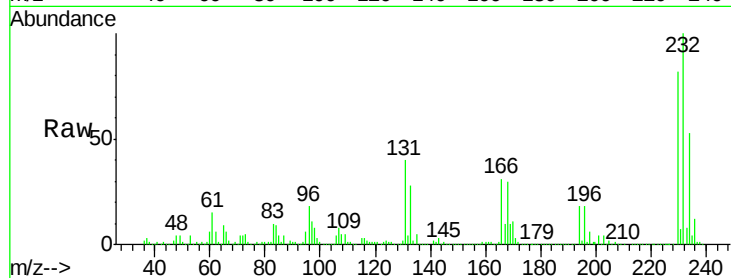
130 2.4 1.4 2.0#

166 30.8 25.8 38.8

Manual Integrations
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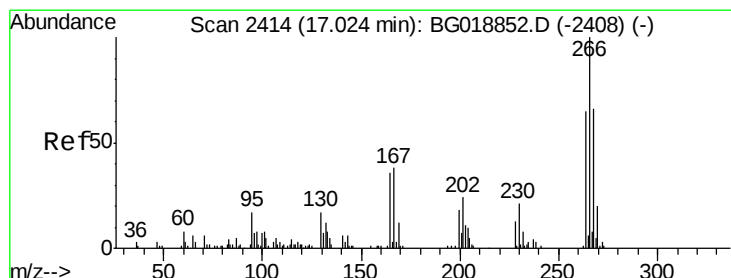
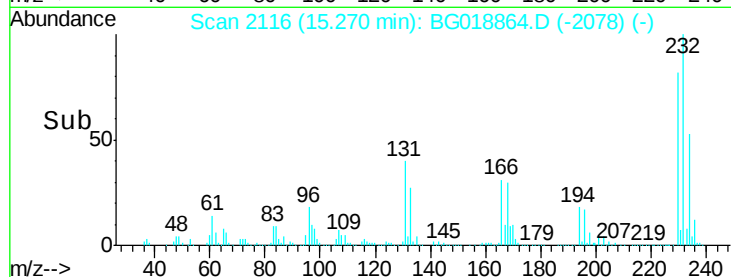
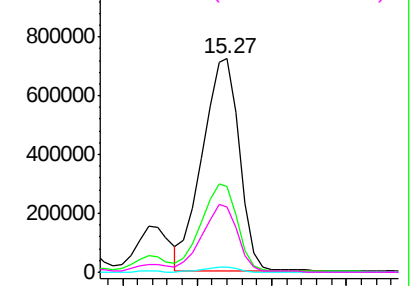


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#69

Pentachlorophenol

Concen: 4630.96 ng/ul m

RT: 17.12 min Scan# 2430

Delta R.T. 0.09 min

Lab File: BG018864.D

Acq: 23 Sep 2015 23:25

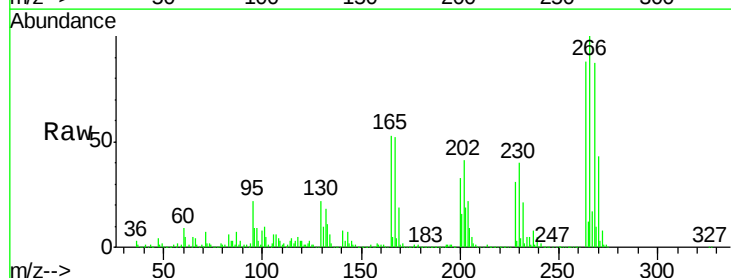
Tgt Ion:266 Resp:13105309

Ion Ratio Lower Upper

266 100

264 87.9 55.4 83.0#

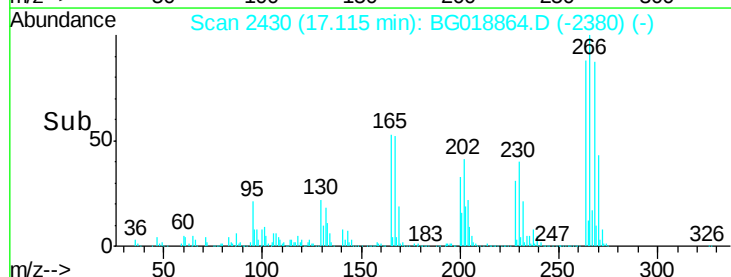
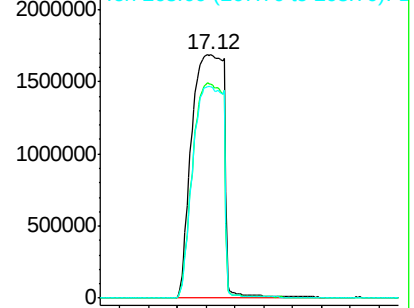
268 86.9 53.6 80.4#

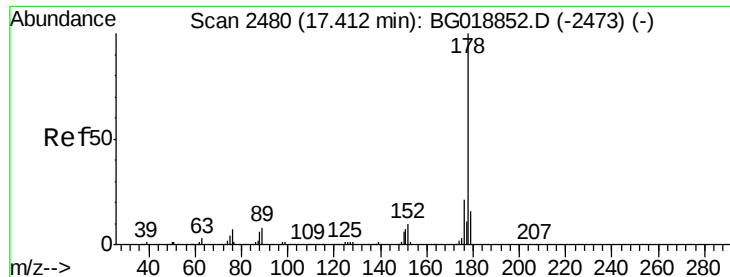


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#70

Phenanthrene

Concen: 1.28 ng/uL

RT: 17.44 min Scan# 2486

Delta R.T. 0.03 min

Lab File: BG018864.D

Acq: 23 Sep 2015 23:25

Instrument :

BNA_G

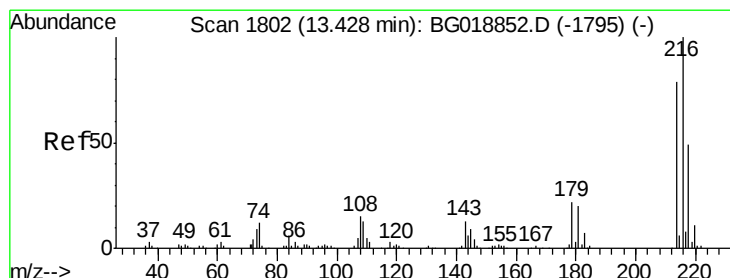
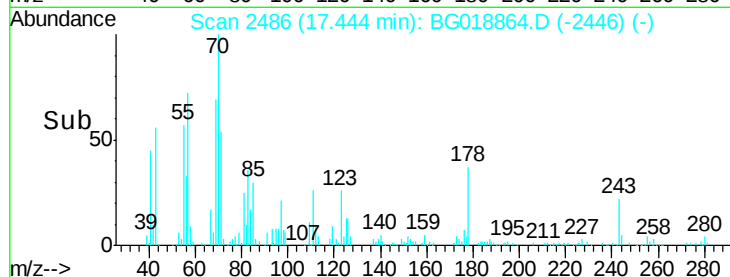
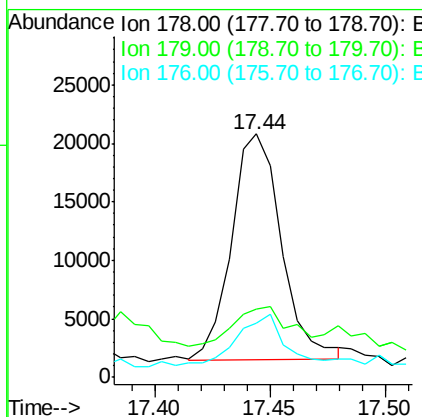
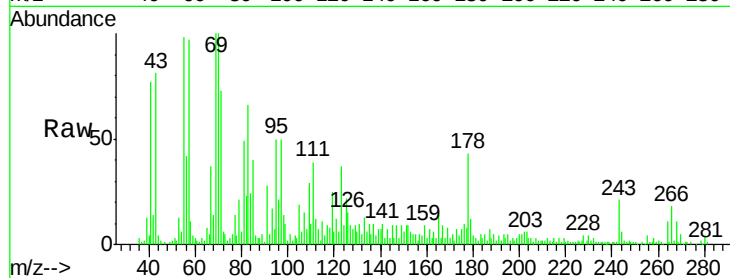
ClientSampleId :

BC2W1

Tot Ion:	178	Resp:	29180
Ion Ratio	Lower	Upper	
178	100		
179	27.8	13.7	20.5#
176	22.3	16.6	24.8

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#73

1,2,3,4-Tetrachlorobenzene

Concen: 1.11 ng/uL

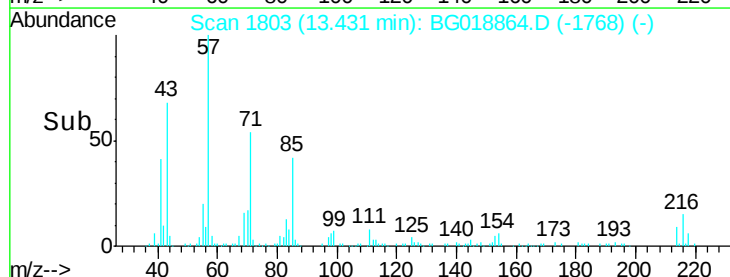
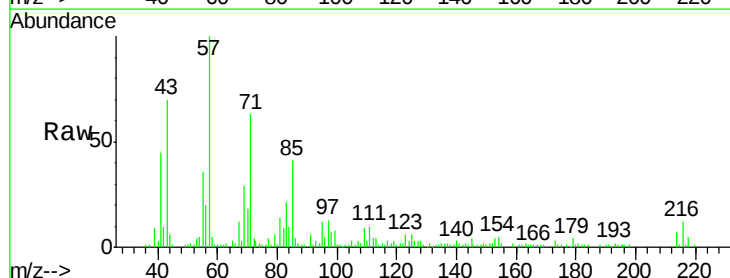
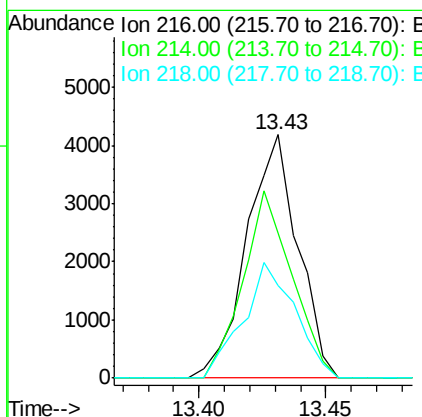
RT: 13.43 min Scan# 1803

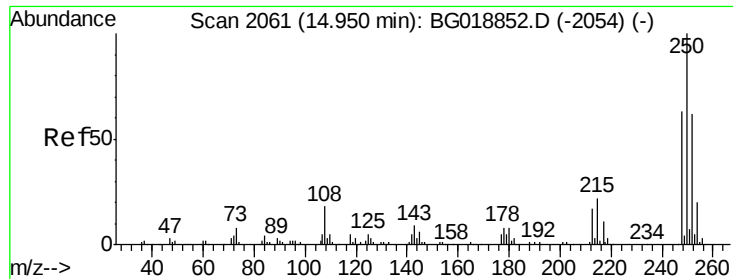
Delta R.T. 0.00 min

Lab File: BG018864.D

Acq: 23 Sep 2015 23:25

Tgt Ion:	216	Resp:	5904
Ion Ratio	Lower	Upper	
216	100		
214	64.1	64.0	96.0
218	38.1	38.7	58.1#





#74

Pentachlorobenzene

Concen: 1.04 ng/uL

RT: 14.95 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BG018864.D

Acq: 23 Sep 2015 23:25

Instrument :

BNA_G

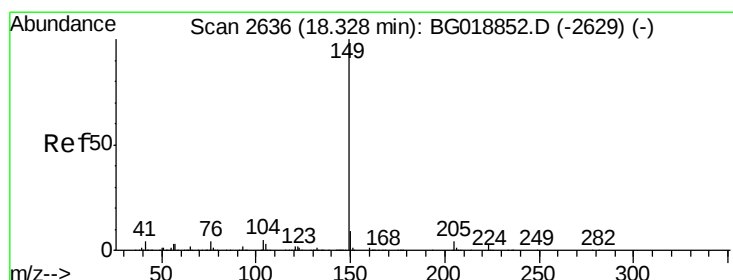
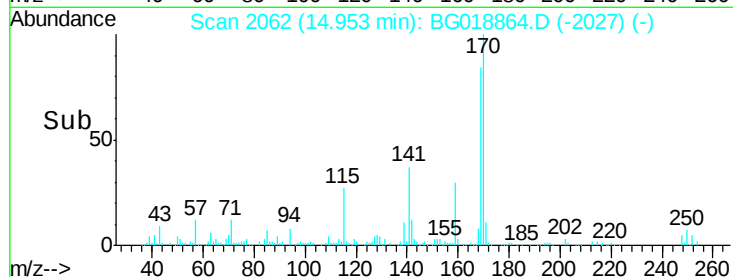
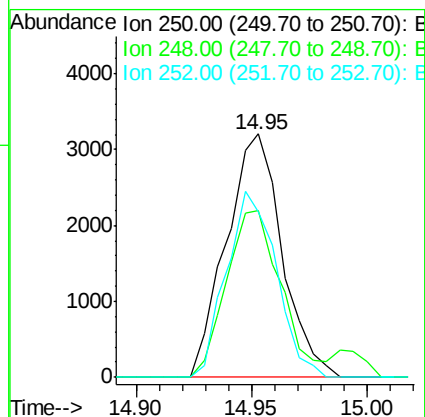
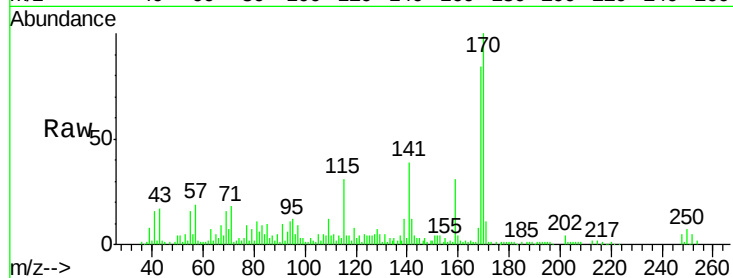
ClientSampleId :

BC2W1

Tot Ion:	250	Resp:	5390
Ion Ratio	Lower	Upper	
250	100		
248	64.8	45.8	68.8
252	64.4	50.4	75.6

Manual Integrations
APPROVED

MMDadoda
9/24/2015 4:41:18 PM



#76

Di-n-butylphthalate

Concen: 162.03 ng/uL

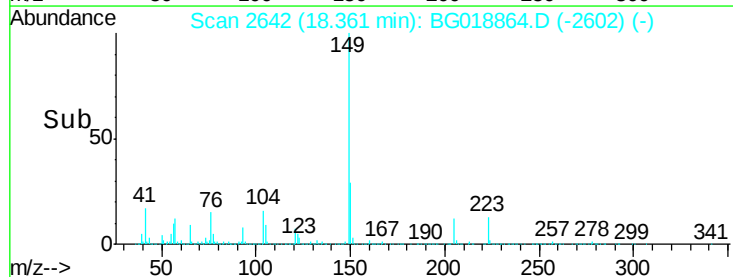
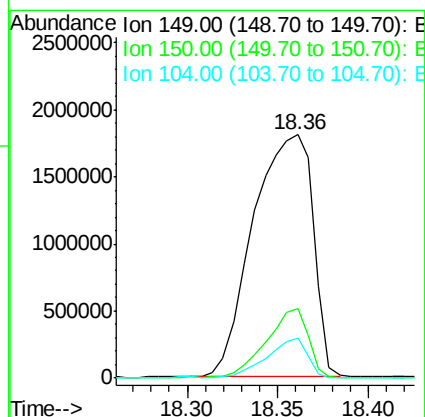
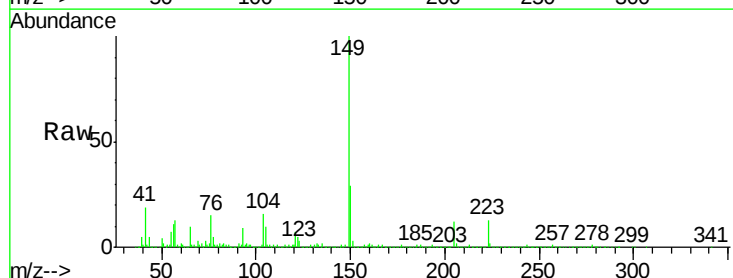
RT: 18.36 min Scan# 2642

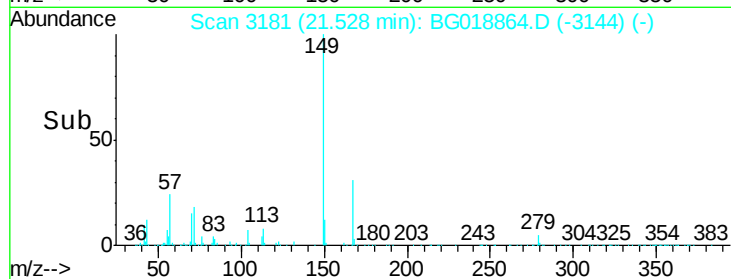
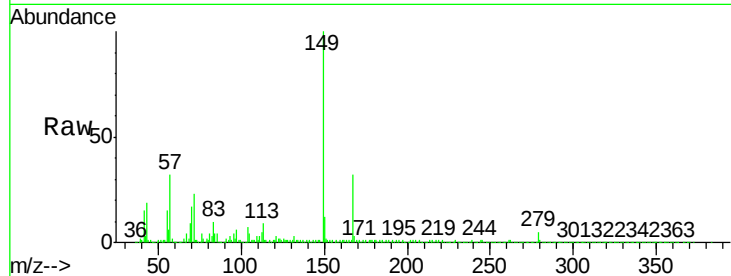
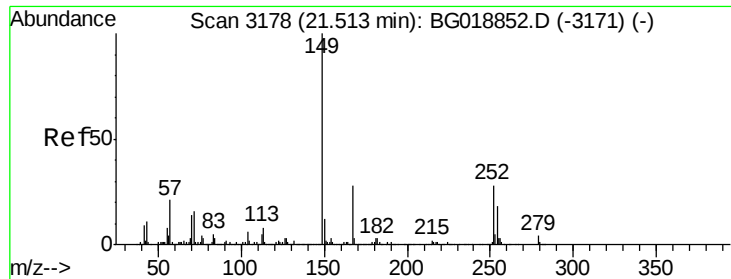
Delta R.T. 0.03 min

Lab File: BG018864.D

Acq: 23 Sep 2015 23:25

Tgt Ion:	149	Resp:	4141407
Ion Ratio	Lower	Upper	
149	100		
150	28.6	7.5	11.3#
104	16.2	4.3	6.5#





#84

Bis(2-ethylhexyl)phthalate

Concen: 64.50 ng/ul

RT: 21.53 min Scan# 3181

Delta R.T. 0.01 min

Lab File: BG018864.D

Acq: 23 Sep 2015 23:25

Instrument :

BNA_G

ClientSampleId :

BC2W1

Tot Ion:	149	Resp:	982361
Ion Ratio	Lower	Upper	
149	100		
167	31.6	22.2	33.2
279	4.9	2.8	4.2#

Manual Integrations
APPROVED

MMDadoda
9/24/2015 4:41:18 PM

