

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
 Data File : BG021699.D
 Acq On : 15 Apr 2016 23:54
 Operator : UM/SJ
 Sample : H2559-07MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Manual Integrations
 APPROVED

Sohil
 4/18/2016 7:19:00 PM

Quant Time: Apr 16 03:37:05 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	30386	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	124813	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	81056	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	208277	20.00	ng	0.00
75) Chrysene-d12	21.83	240	228677	20.00	ng	0.00
86) Perylene-d12	25.16	264	226458	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.77	112	248621	136.25	ng	0.02
7) Phenol-d6	7.38	99	339629	124.61	ng	0.02
23) Nitrobenzene-d5	9.39	82	229342	94.45	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	165040	188.92	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	526834	95.23	ng	0.00
78) Terphenyl-d14	20.15	244	881087	96.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.64	88	25486	31.38	ng	# 46
3) Pyridine	4.05	79	66848	27.43	ng	91
4) n-Nitrosodimethylamine	3.95	42	44260	36.64	ng	# 82
6) Aniline	7.54	93	109662	30.42	ng	95
8) 2-Chlorophenol	7.78	128	92383	42.23	ng	95
9) Benzaldehyde	7.35	77	26189	16.62	ng	94
10) Phenol	7.41	94	114663	39.11	ng	98
11) bis(2-Chloroethyl)ether	7.63	93	91284	38.91	ng	94
12) 1,3-Dichlorobenzene	8.11	146	92740	37.96	ng	96
13) 1,4-Dichlorobenzene	8.25	146	94578	38.03	ng	95
14) 1,2-Dichlorobenzene	8.57	146	93491	39.18	ng	99
15) Benzyl Alcohol	8.45	79	94477	45.36	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.75	45	176366	35.09	ng	100
17) 2-Methylphenol	8.66	107	86340	42.60	ng	93
18) Hexachloroethane	9.31	117	34738	38.38	ng	# 72
19) n-Nitroso-di-n-propylamine	9.02	70	80582	38.05	ng	# 95
20) 3+4-Methylphenols	8.99	107	118469	42.71	ng	98
22) Acetophenone	9.04	105	146370	42.10	ng	# 98
24) Nitrobenzene	9.43	77	113965	43.83	ng	95
25) Isophorone	9.95	82	222932	41.95	ng	98
26) 2-Nitrophenol	10.14	139	51602	51.98	ng	98
27) 2,4-Dimethylphenol	10.20	122	98123	43.52	ng	97
28) bis(2-Chloroethoxy)methane	10.43	93	130467	46.20	ng	92
29) 2,4-Dichlorophenol	10.68	162	97256	50.59	ng	98
30) 1,2,4-Trichlorobenzene	10.89	180	91654	44.34	ng	95
31) Naphthalene	11.09	128	295979	44.31	ng	# 94
32) Benzoic acid	10.33	122	56703	44.93	ng	97
33) 4-Chloroaniline	11.19	127	48101	16.63	ng	98
34) Hexachlorobutadiene	11.36	225	58010	43.51	ng	94
35) Caprolactam	11.99	113	36251m	41.21	ng	
36) 4-Chloro-3-methylphenol	12.30	107	121949	50.44	ng	99
37) 2-Methylnaphthalene	12.67	142	219264	47.82	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	108922	43.00	ng	98
40) Hexachlorocyclopentadiene	13.01	237	145692	103.54	ng	100

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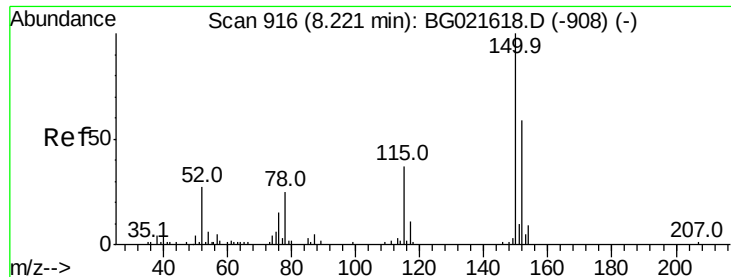
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	80488	49.83	nq	99
43) 2,4,5-Trichlorophenol	13.35	196	90206	51.75	nq	95
45) 1,1'-Biphenyl	13.67	154	291184	42.64	nq	97
46) 2-Chloronaphthalene	13.71	162	222402	44.05	nq	99
47) 2-Nitroaniline	13.91	65	90503	52.28	nq	97
48) Acenaphthylene	14.55	152	376935	45.16	nq	98
49) Dimethylphthalate	14.28	163	322458	46.01	nq	98
50) 2,6-Dinitrotoluene	14.39	165	71266	53.33	nq	99
51) Acenaphthene	14.89	154	278769m	52.24	nq	
52) 3-Nitroaniline	14.73	138	59224	39.96	nq	98
53) 2,4-Dinitrophenol	14.93	184	73465	137.04	nq	95
54) Dibenzofuran	15.22	168	380821	52.26	nq	100
55) 4-Nitrophenol	15.04	139	131513	103.64	nq	99
56) 2,4-Dinitrotoluene	15.18	165	106039	58.71	nq	95
57) Fluorene	15.86	166	315170	48.43	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.45	232	85444	59.08	nq	100
59) Diethylphthalate	15.63	149	358527	49.01	nq	96
60) 4-Chlorophenyl-phenylether	15.85	204	154153	48.09	nq	98
61) 4-Nitroaniline	15.89	138	84576	51.86	nq	98
62) Azobenzene	16.14	77	323292	51.57	nq	99
64) 4,6-Dinitro-2-methylphenol	15.93	198	52513	59.13	nq	98
65) n-Nitrosodiphenylamine	16.07	169	289547	46.35	nq	97
66) 4-Bromophenyl-phenylether	16.74	248	105206	47.15	nq	95
67) Hexachlorobenzene	16.86	284	109604	46.53	nq	94
68) Atrazine	17.01	200	113225	45.90	nq	99
69) Pentachlorophenol	17.21	266	124854	92.84	nq	95
70) Phenanthrene	17.60	178	541206	47.15	nq	98
71) Anthracene	17.69	178	545931	46.85	nq	97
72) Carbazole	17.96	167	511917	47.07	nq	98
73) Di-n-butylphthalate	18.50	149	633762	45.81	nq	99
74) Fluoranthene	19.59	202	623749	45.51	nq	98
76) Benzidine	19.77	184	29115	4.09	nq	# 90
77) Pyrene	19.95	202	633915	48.08	nq	99
79) Butylbenzylphthalate	20.82	149	287874	47.03	nq	99
80) Benzo(a)anthracene	21.81	228	623043	47.34	nq	98
81) 3,3'-Dichlorobenzidine	21.72	252	112746	10.82	nq	100
82) Chrysene	21.88	228	575811	45.54	nq	98
83) Bis(2-ethylhexyl)phthalate	21.70	149	411213	45.93	nq	98
84) Di-n-octyl phthalate	22.95	149	714182	47.62	nq	99
85) Indeno(1,2,3-cd)pyrene	28.98	276	725955	48.30	nq	# 96
87) Benzo(b)fluoranthene	24.11	252	639413	48.66	nq	99
88) Benzo(k)fluoranthene	24.18	252	595791	46.37	nq	98
89) Benzo(a)pyrene	25.01	252	609856	47.90	nq	97
90) Dibenzo(a,h)anthracene	29.05	278	608820	47.70	nq	97
91) Benzo(g,h,i)perylene	30.19	276	595208	47.52	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA_G

ClientSampleId :

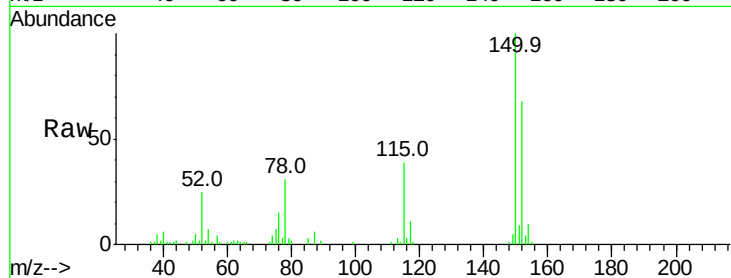
FB-BWR-BB-R09-CS-1(0-32FTBGS)

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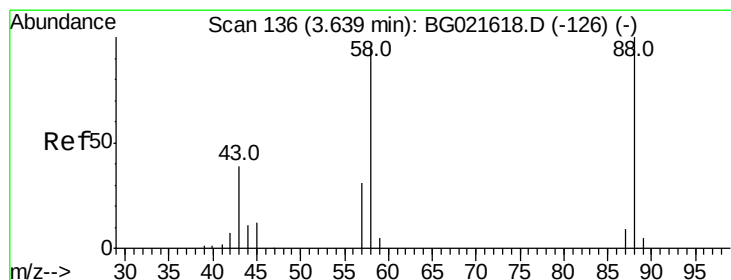
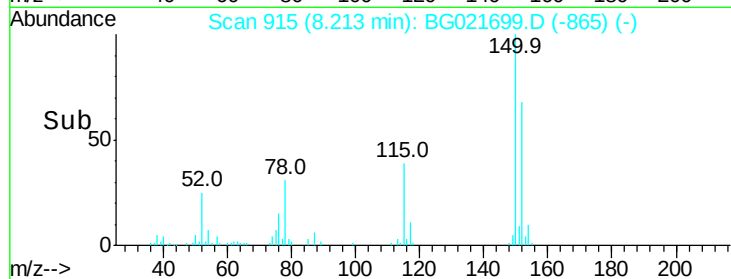
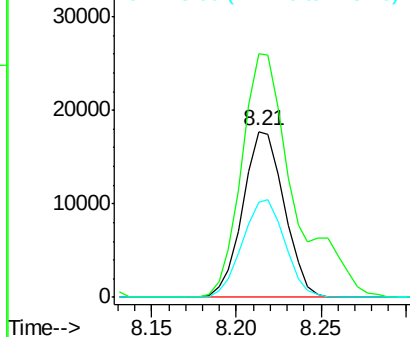
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Tot Ion:	152	Resp:	30386
Ion Ratio	Lower	Upper	
152	100		
150	146.6	130.1	195.1
115	57.1	62.2	93.2#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.38 ng

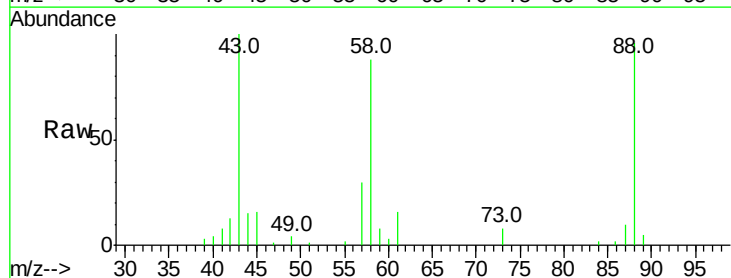
RT: 3.64 min Scan# 137

Delta R.T. 0.00 min

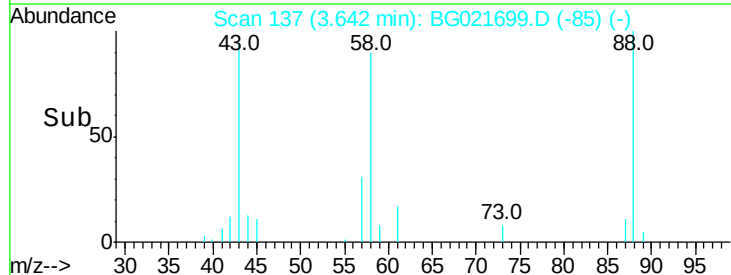
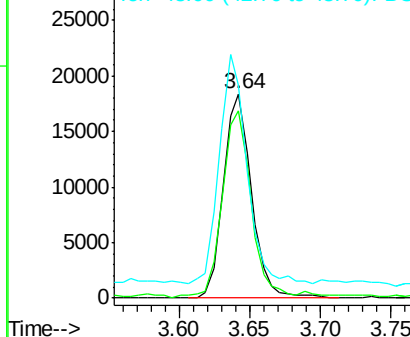
Lab File: BG021699.D

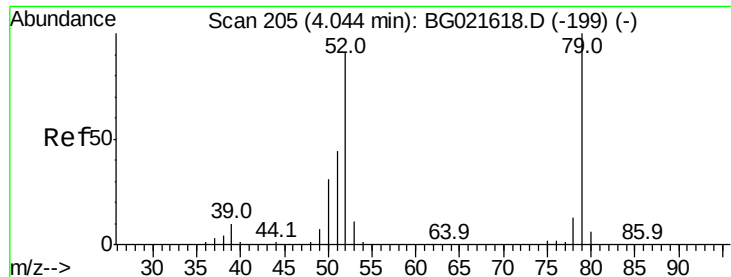
Acq: 15 Apr 2016 23:54

Tgt Ion:	88	Resp:	25486
Ion Ratio	Lower	Upper	
88	100		
58	94.1	61.8	92.8#
43	109.7	27.3	40.9#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 27.43 ng

RT: 4.05 min Scan# 207

Delta R.T. 0.01 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA_G

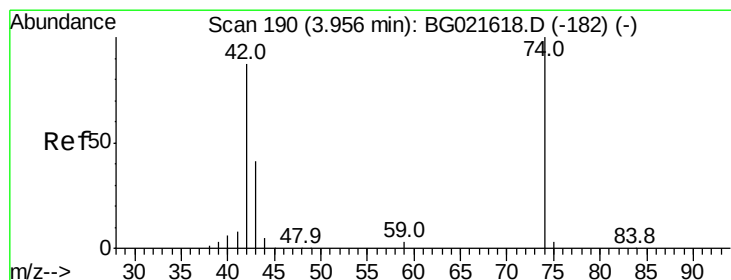
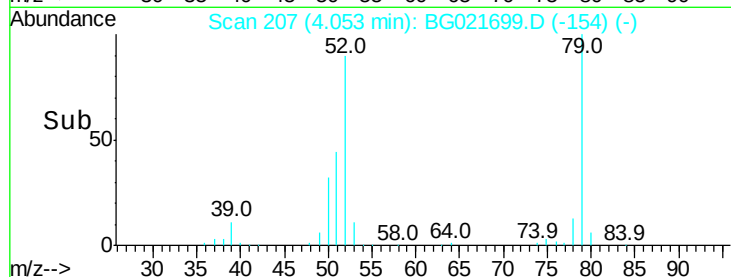
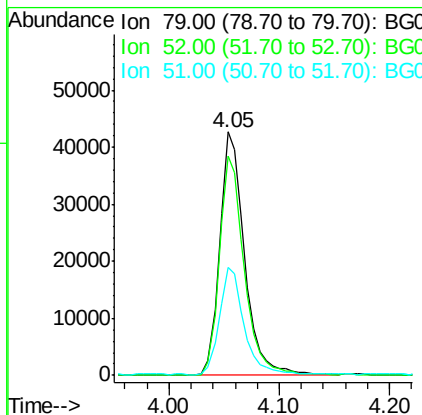
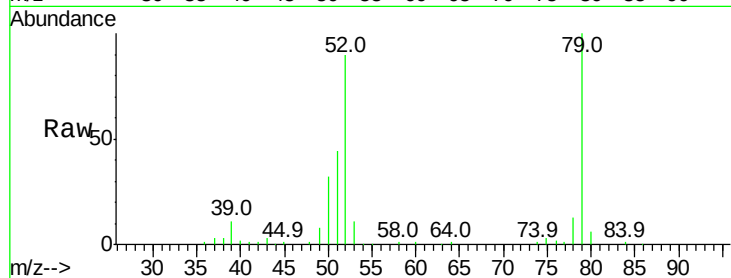
ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion:	79	Resp:	66848
Ion	Ratio	Lower	Upper
79	100		
52	89.9	77.2	115.8
51	44.2	42.5	63.7

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.64 ng

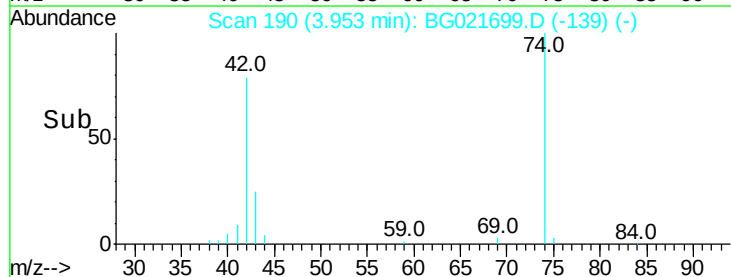
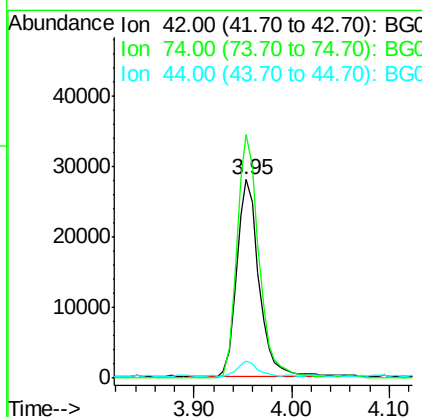
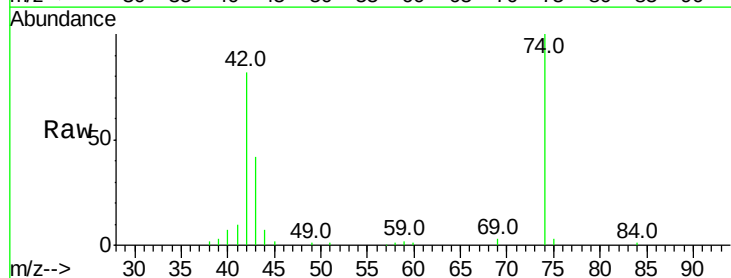
RT: 3.95 min Scan# 190

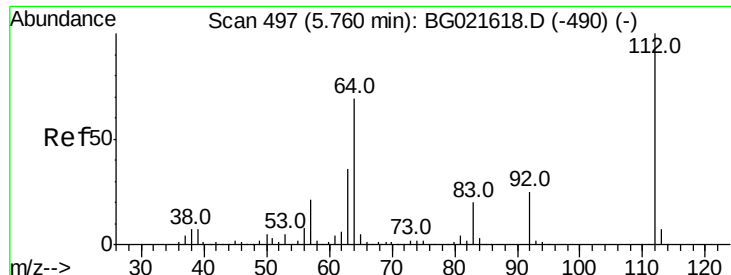
Delta R.T. -0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Tgt Ion:	42	Resp:	44260
Ion	Ratio	Lower	Upper
42	100		
74	122.6	83.0	124.4
44	8.4	11.0	16.6#





#5

2-Fluorophenol

Concen: 136.25 ng

RT: 5.77 min Scan# 500

Delta R.T. 0.02 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA_G

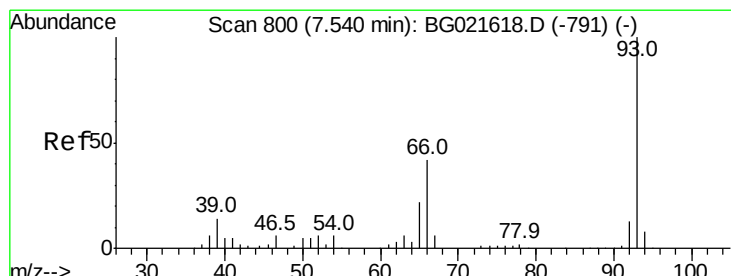
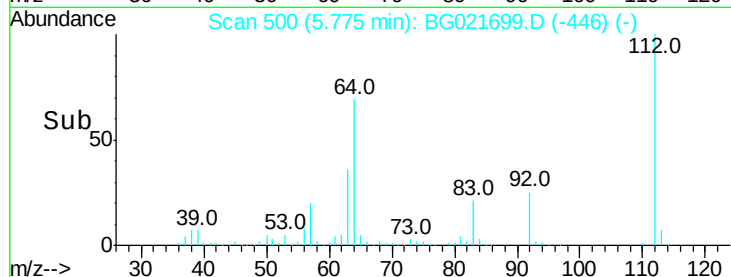
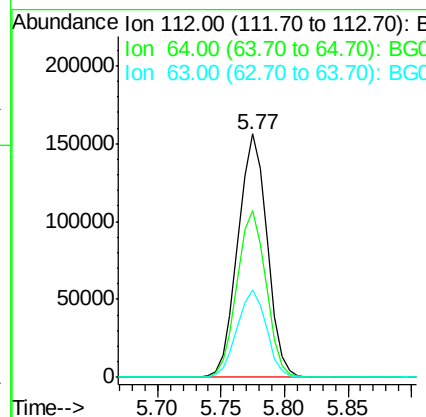
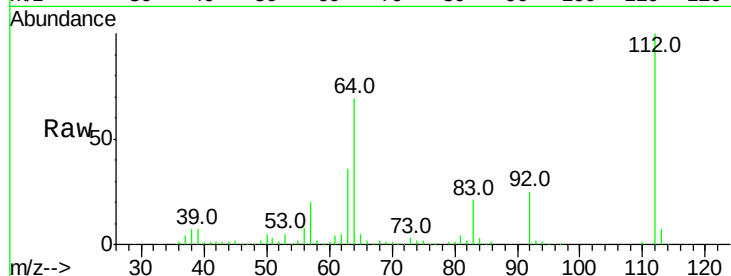
ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion:	112	Resp:	248621
Ion Ratio	Lower	Upper	
112	100		
64	68.7	51.1	76.7
63	36.1	24.6	37.0

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#6

Aniline

Concen: 30.42 ng

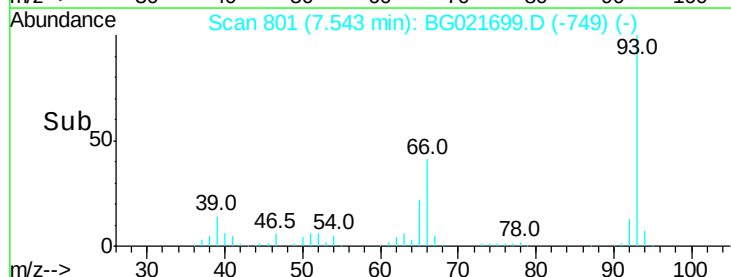
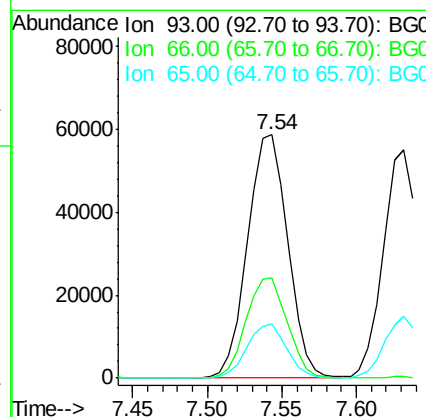
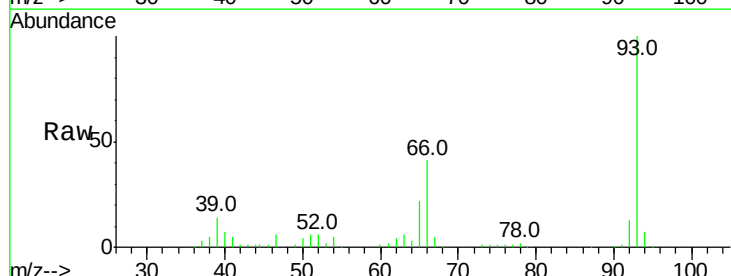
RT: 7.54 min Scan# 801

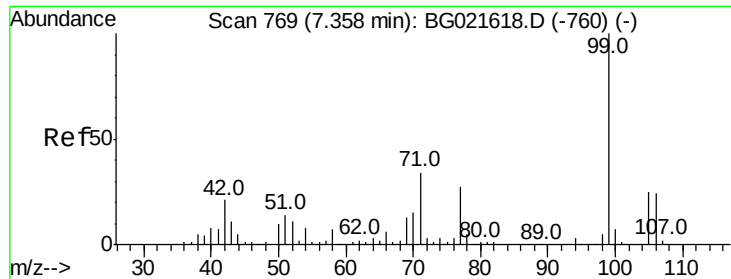
Delta R.T. 0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Tgt Ion:	93	Resp:	109662
Ion Ratio	Lower	Upper	
93	100		
66	41.2	36.3	54.5
65	22.2	18.4	27.6





#7

Phenol-d6

Concen: 124.61 ng

RT: 7.38 min Scan# 773

Delta R.T. 0.02 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA_G

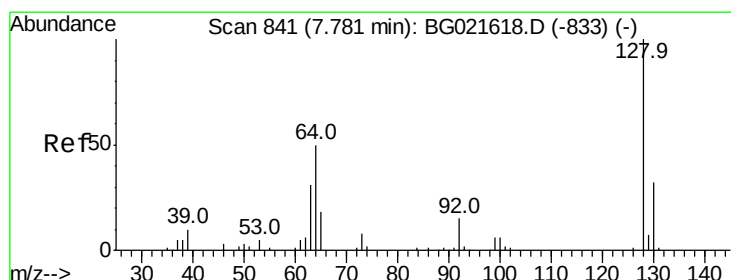
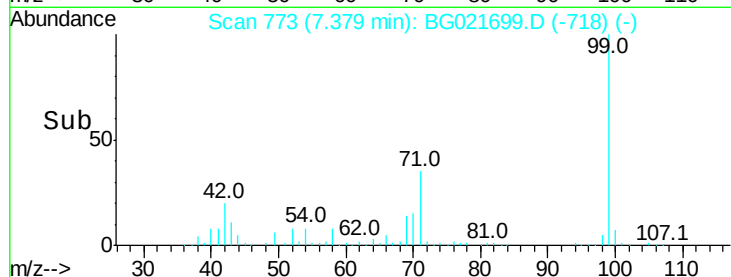
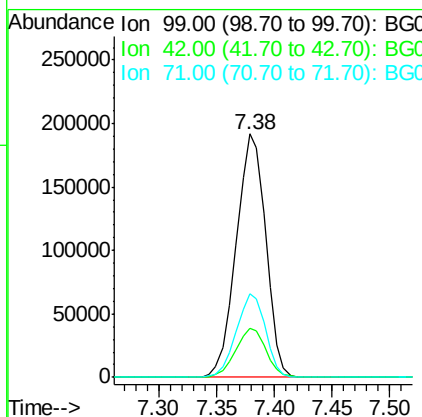
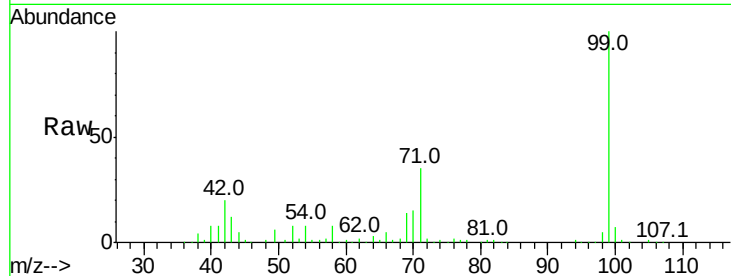
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FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		339629		
42	20.3	16.4	24.6		
71	34.5	25.0	37.4		

Manual Integrations
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#8

2-Chlorophenol

Concen: 42.23 ng

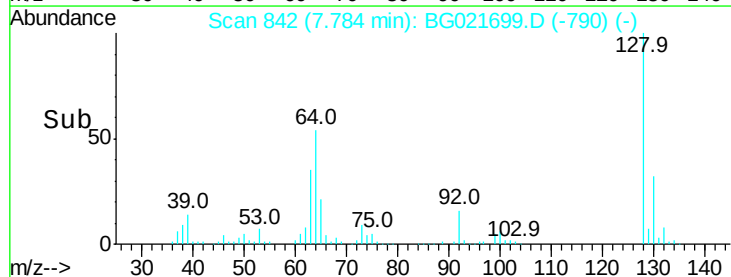
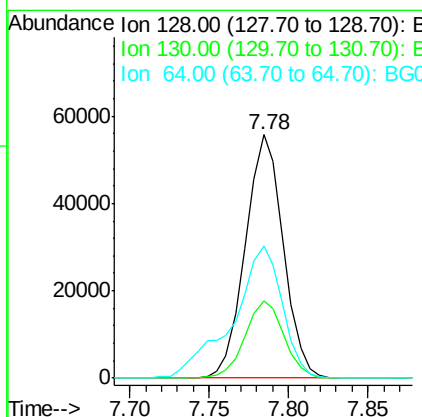
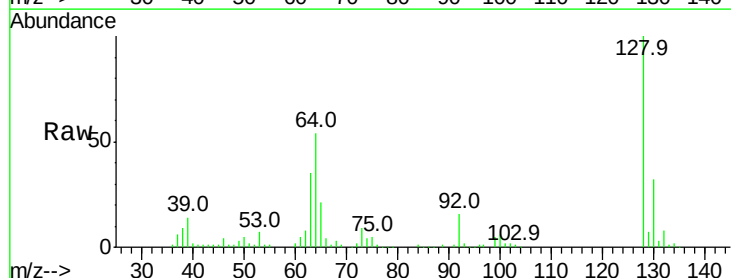
RT: 7.78 min Scan# 842

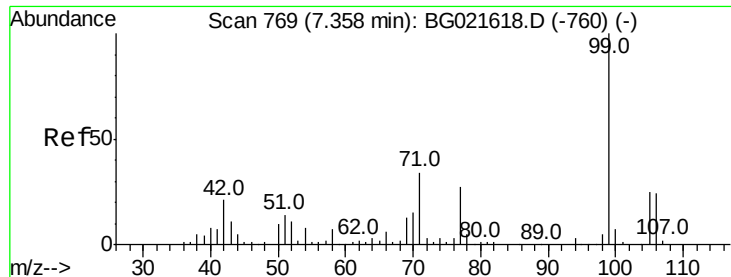
Delta R.T. 0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		92383		
130	31.8	11.2	51.2		
64	54.2	39.8	79.8		





#9

Benzaldehyde

Concen: 16.62 ng

RT: 7.35 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA_G

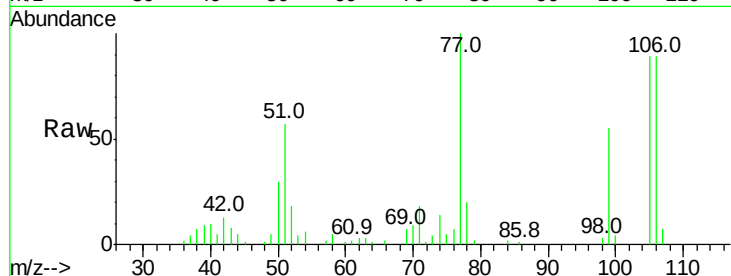
ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

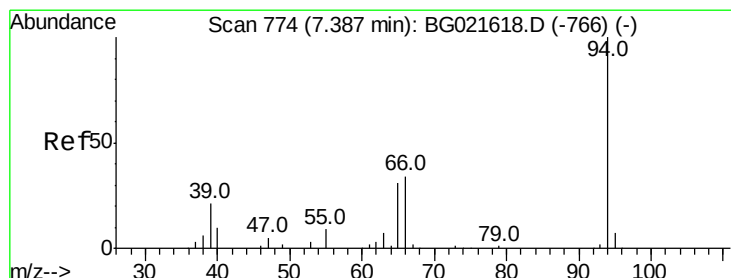
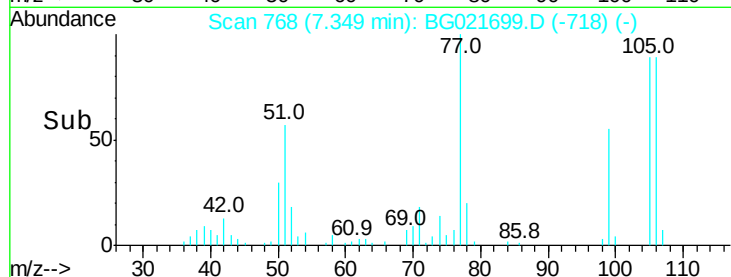
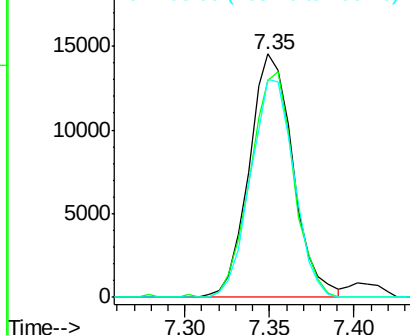
Tot Ion:	77	Resp:	26189
Ion Ratio	Lower	Upper	
77	100		
105	89.0	62.1	102.1
106	89.3	65.6	105.6

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.11 ng

RT: 7.41 min Scan# 778

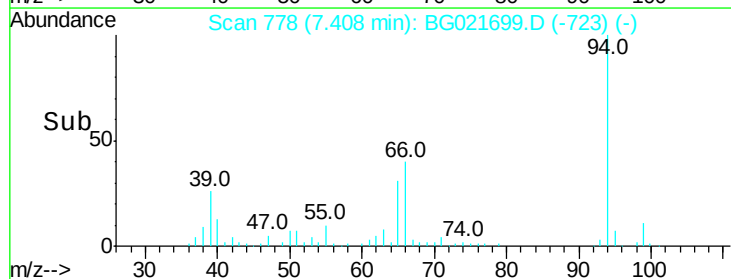
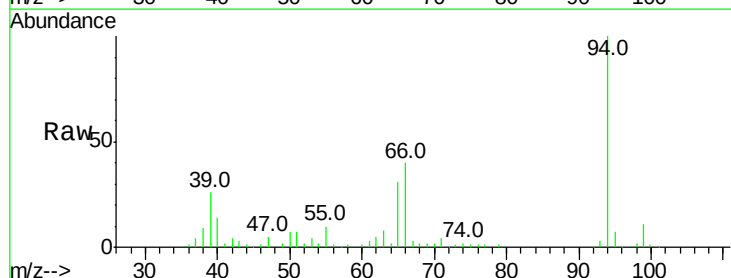
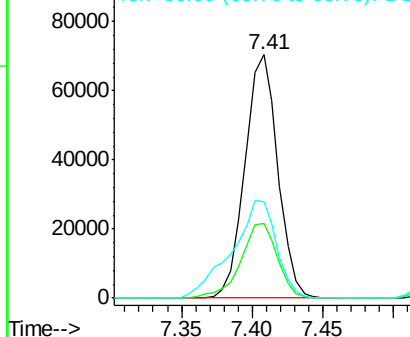
Delta R.T. 0.02 min

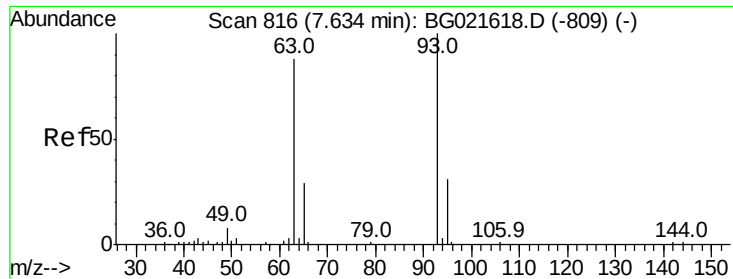
Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Tgt Ion:	94	Resp:	114663
Ion Ratio	Lower	Upper	
94	100		
65	30.8	9.8	49.8
66	39.7	20.8	60.8

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





#11

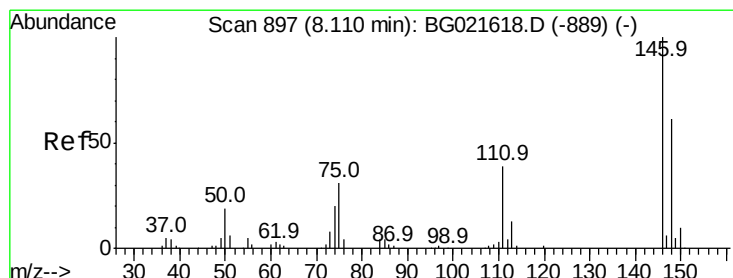
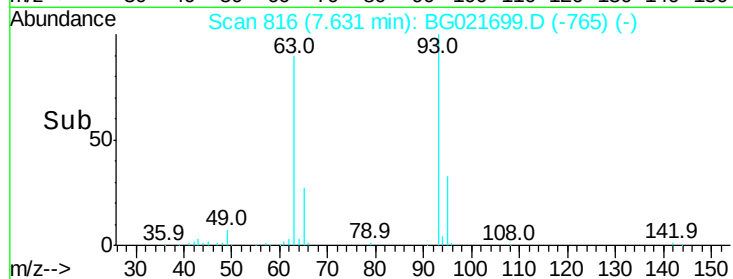
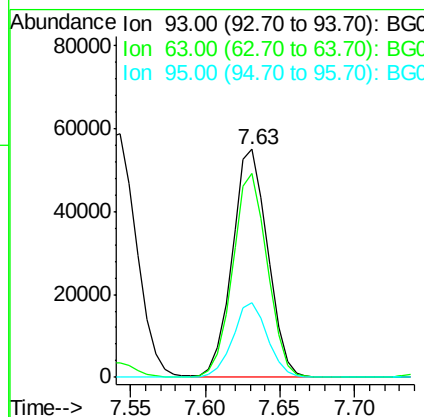
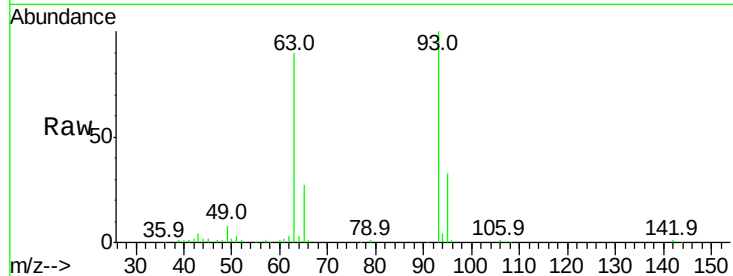
bis(2-Chloroethyl)ether
Concen: 38.91 ng
RT: 7.63 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	93	Resp	91284
Ion Ratio	100	Lower	Upper
93	100		
63	89.8	74.9	114.9
95	32.6	8.3	48.3

Manual Integrations
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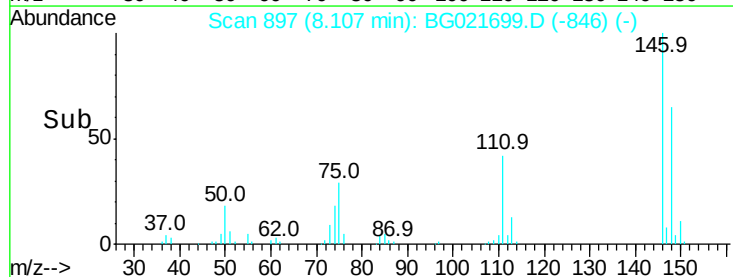
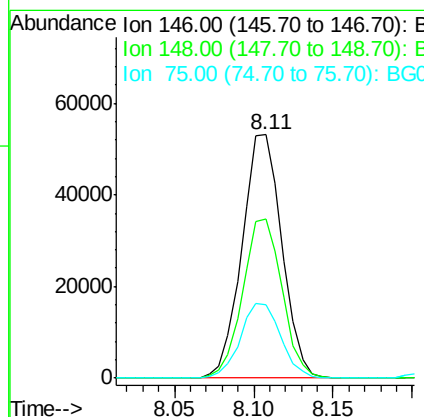
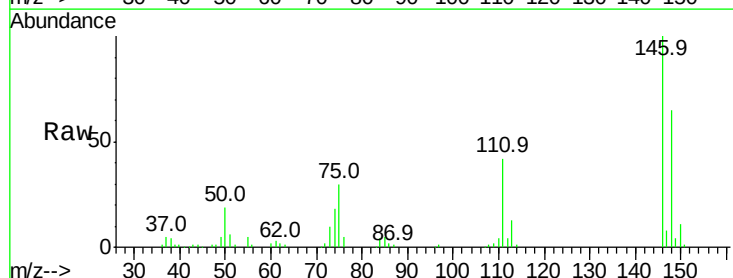
Sohil
4/18/2016 7:19:00 PM

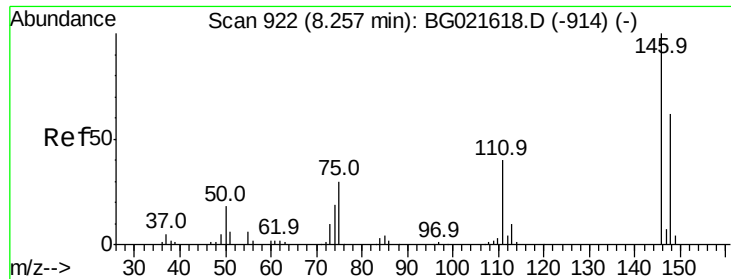


#12

1,3-Dichlorobenzene
Concen: 37.96 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Tgt Ion	146	Resp	92740
Ion Ratio	100	Lower	Upper
146	100		
148	65.4	53.7	80.5
75	29.9	27.4	41.0





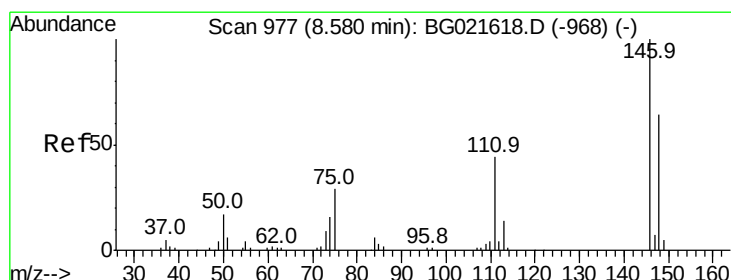
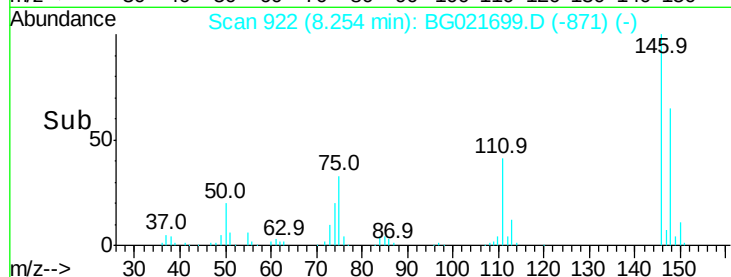
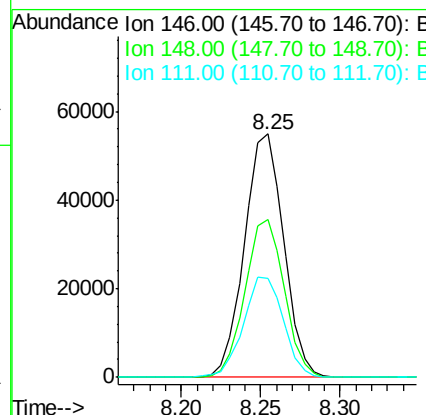
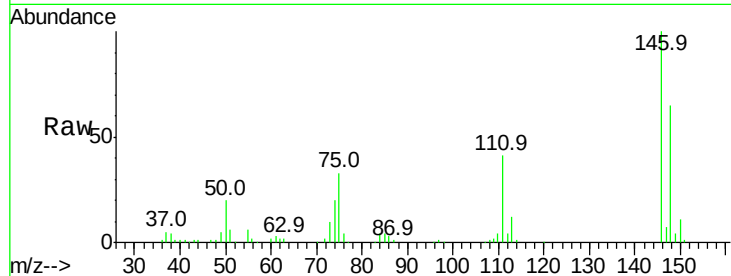
#13
 1,4-Dichlorobenzene
 Concen: 38.03 ng
 RT: 8.25 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	46.7	70.1
111	40.7	33.0	49.6

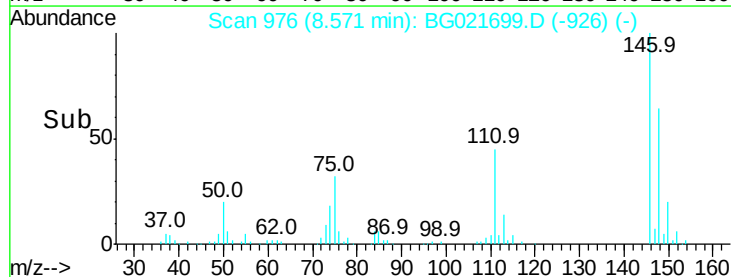
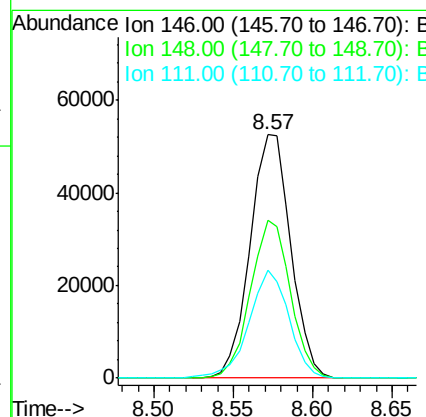
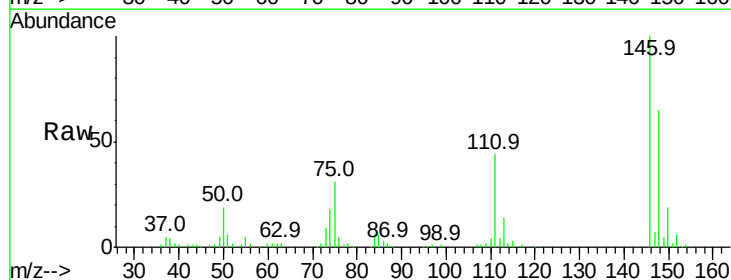
Manual Integrations
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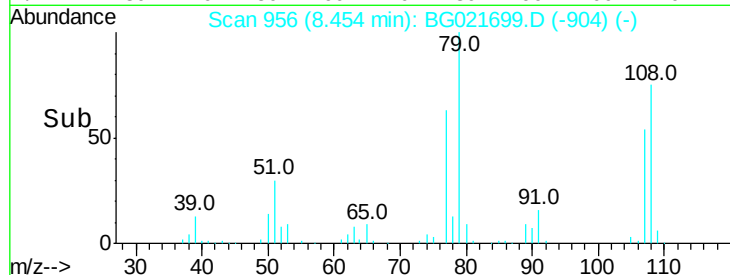
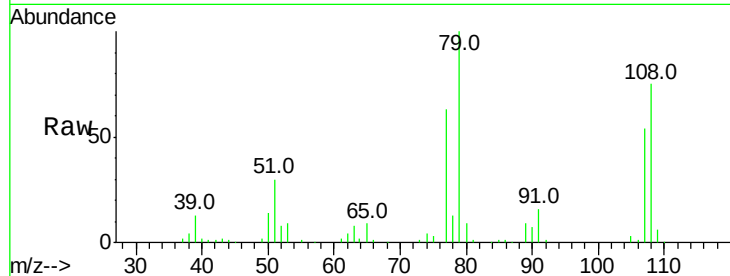
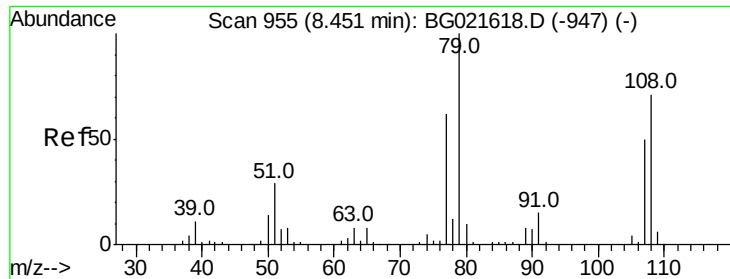
Sohil
 4/18/2016 7:19:00 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.18 ng
 RT: 8.57 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.6	79.0
111	44.4	36.1	54.1





#15

Benzyl Alcohol

Concen: 45.36 ng

RT: 8.45 min Scan# 956

Delta R.T. 0.00 min

Lab File: BG021699.D

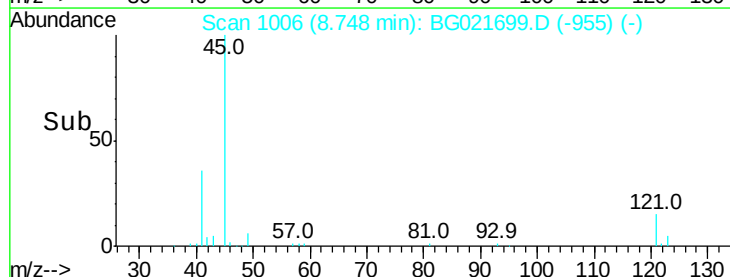
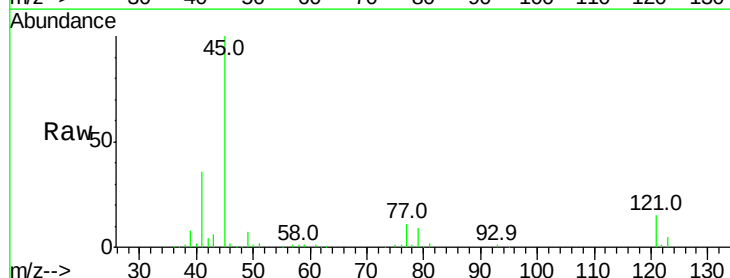
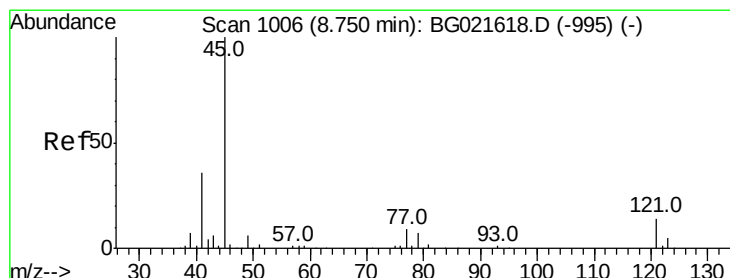
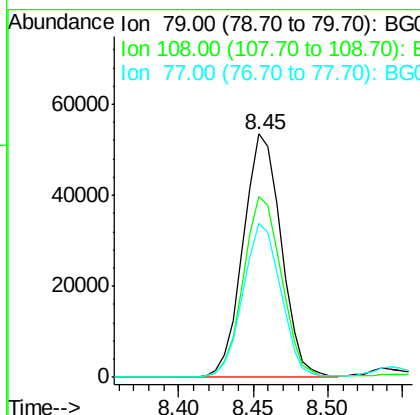
Acq: 15 Apr 2016 23:54

Tot Ion:	79	Resp:	94477
Ion Ratio	Lower	Upper	
79	100		
108	74.5	59.4	89.0
77	63.3	52.2	78.2

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R09-CS-1(0-32FTBGS)

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.09 ng

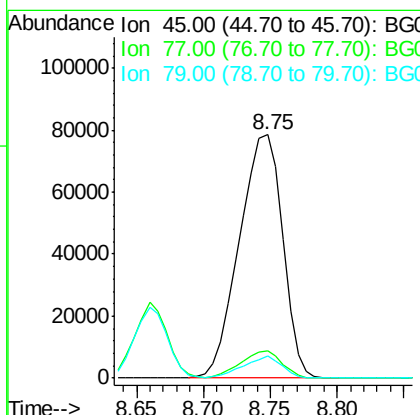
RT: 8.75 min Scan# 1006

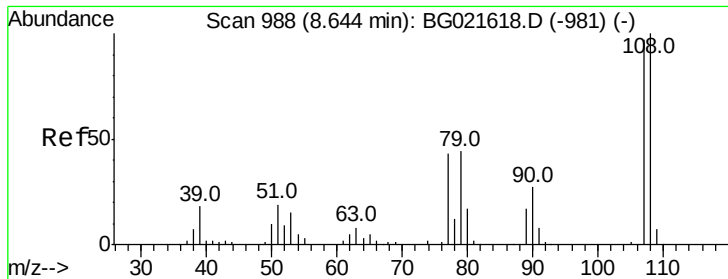
Delta R.T. -0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Tgt Ion:	45	Resp:	176366
Ion Ratio	Lower	Upper	
45	100		
77	11.4	0.0	31.2
79	9.0	0.0	29.0





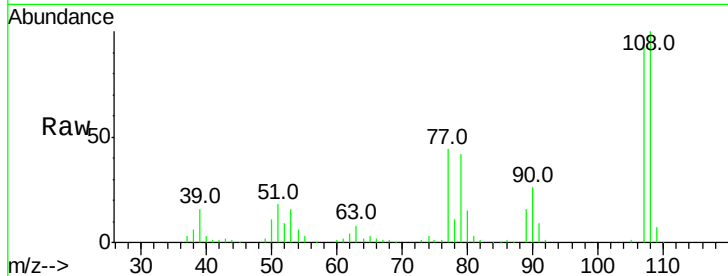
#17
2-Methylphenol
Concen: 42.60 ng
RT: 8.66 min Scan# 991
Delta R.T. 0.02 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R09-CS-1(0-32FTBGS)

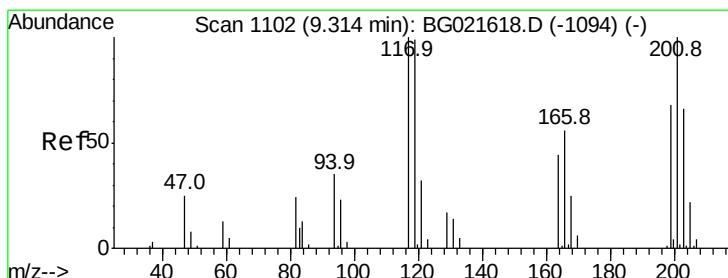
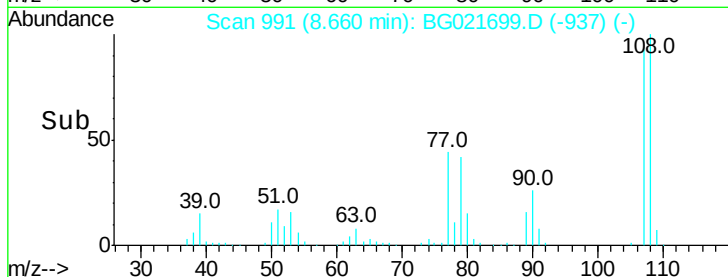
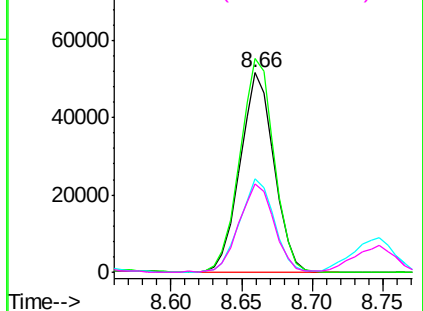
Tot Ion:	107	Resp:	86340
Ion Ratio	Lower	Upper	
107	100		
108	107.0	80.2	120.4
77	47.1	40.7	61.1
79	44.5	39.8	59.8

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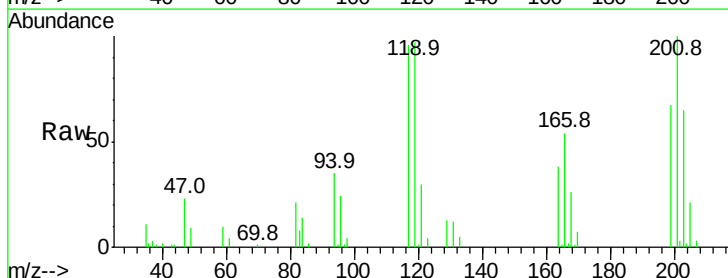


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

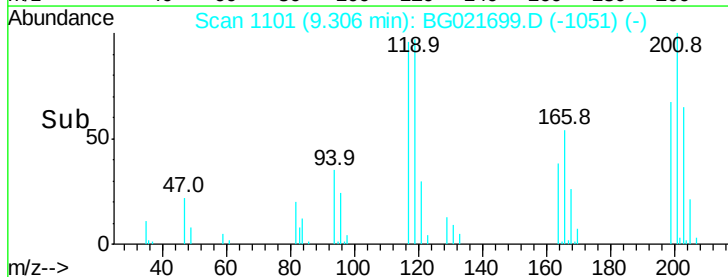
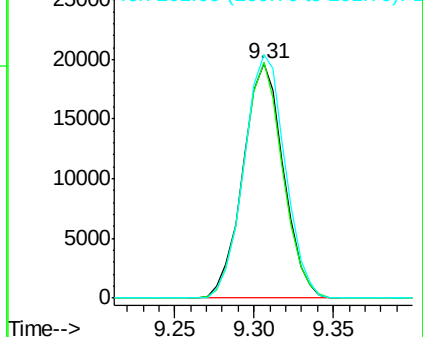


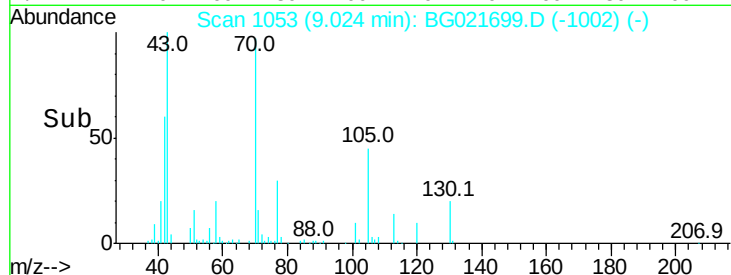
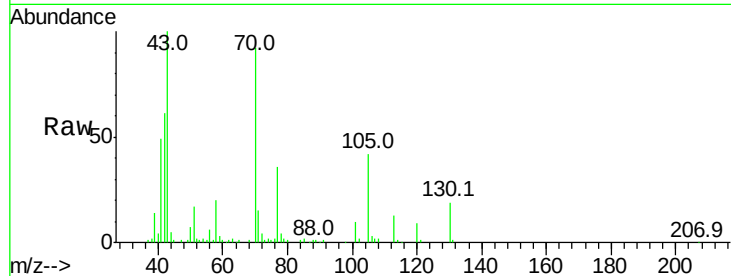
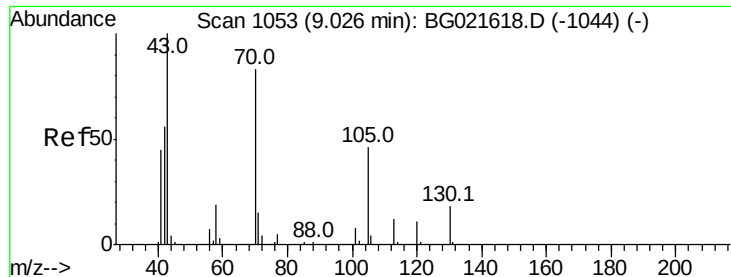
#18
Hexachloroethane
Concen: 38.38 ng
RT: 9.31 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Tgt Ion:	117	Resp:	34738
Ion Ratio	Lower	Upper	
117	100		
119	100.7	63.9	95.9#
201	103.9	61.2	91.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





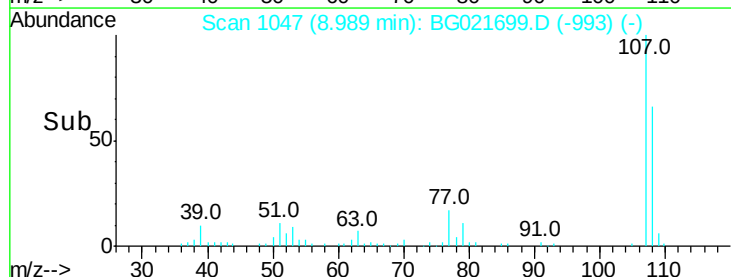
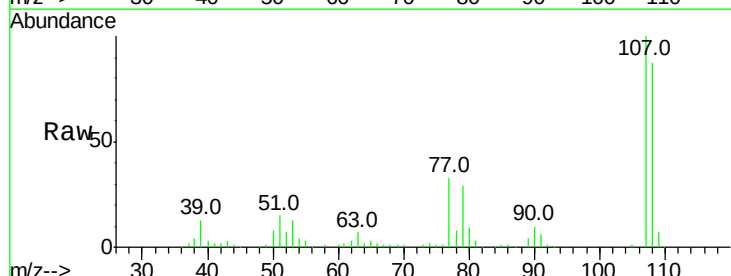
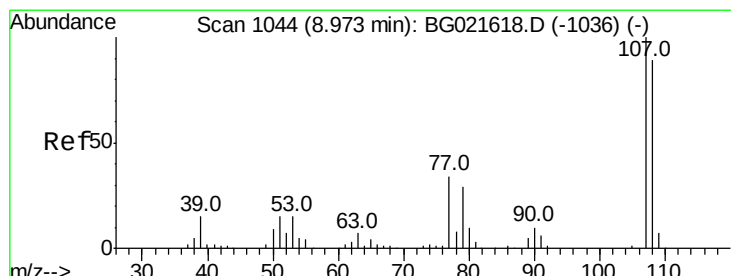
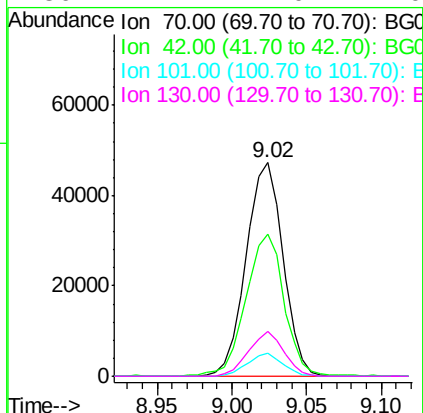
#19
n-Nitroso-di-n-propylamine
Concen: 38.05 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.6	56.7	85.1	
101	10.6	8.2	12.4	
130	21.2	14.0	21.0	#

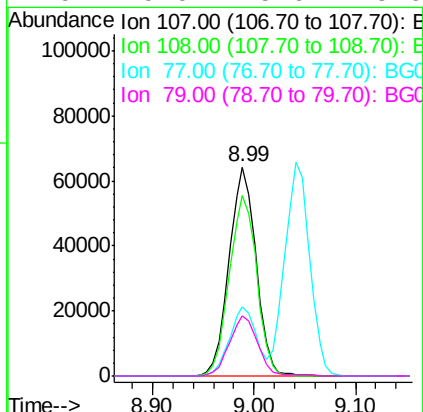
Manual Integrations
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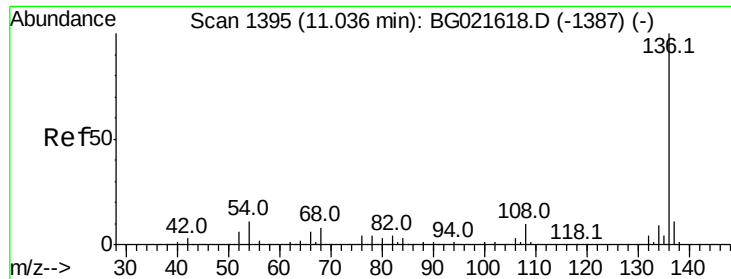
Sohil
4/18/2016 7:19:00 PM



#20
3+4-Methylphenols
Concen: 42.71 ng
RT: 8.99 min Scan# 1047
Delta R.T. 0.02 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.7	66.2	106.2	
77	33.3	11.5	51.5	
79	29.0	5.6	45.6	





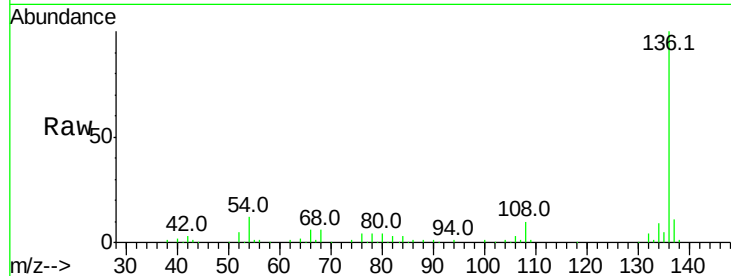
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	124813		
137	10.9	9.0	13.4	
54	11.5	9.6	14.4	
68	6.5	6.4	9.6	

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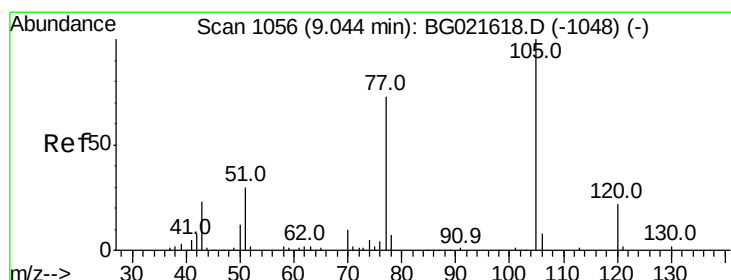
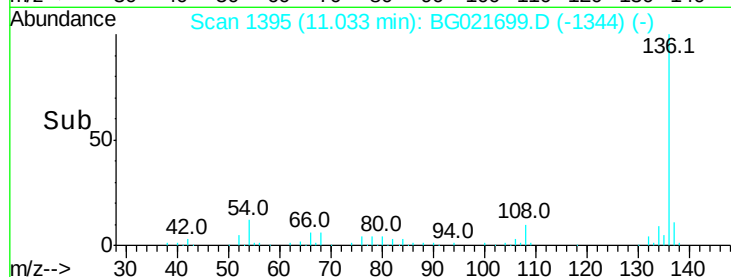
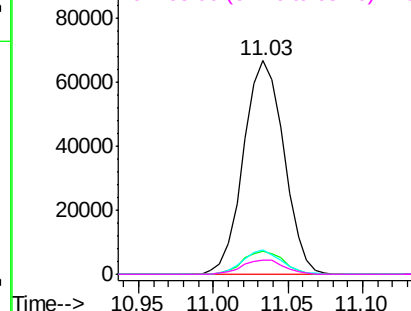
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.10 ng
RT: 9.04 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	146370		
71	1.9	0.0	0.0#	
51	32.3	25.7	38.5	
120	22.8	17.0	25.6	

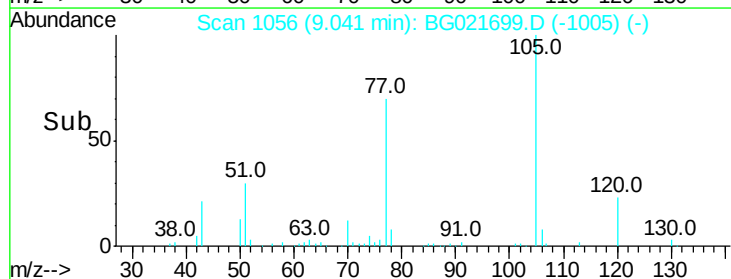
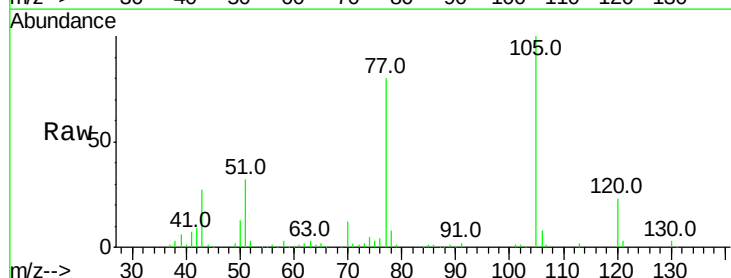
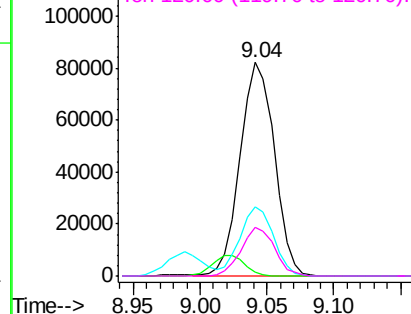
Abundance

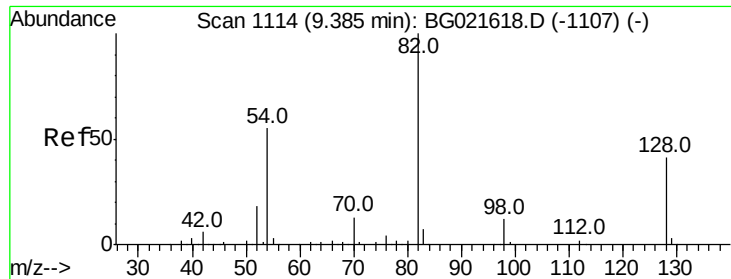
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





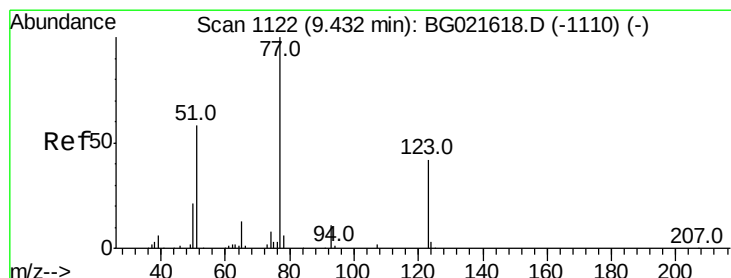
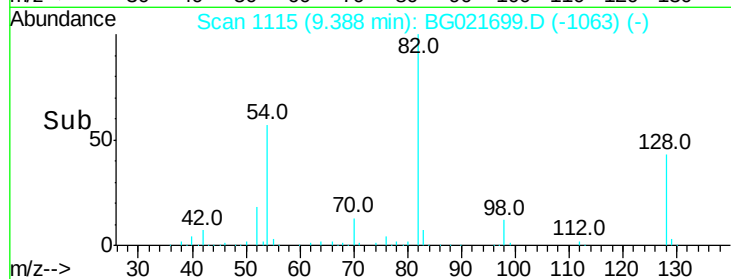
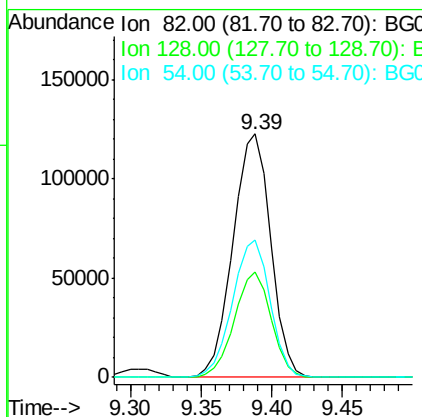
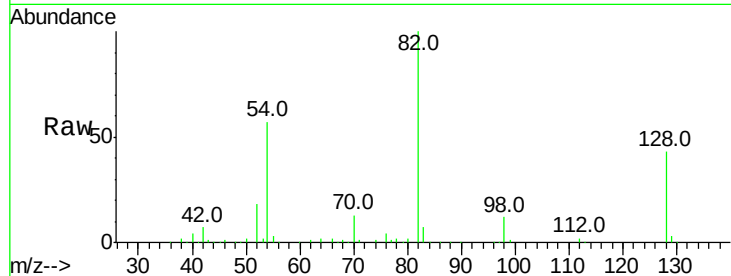
#23
 Nitrobenzene-d5
 Concen: 94.45 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
82	100	229342		
128	43.1	33.4	50.0	
54	56.7	46.1	69.1	

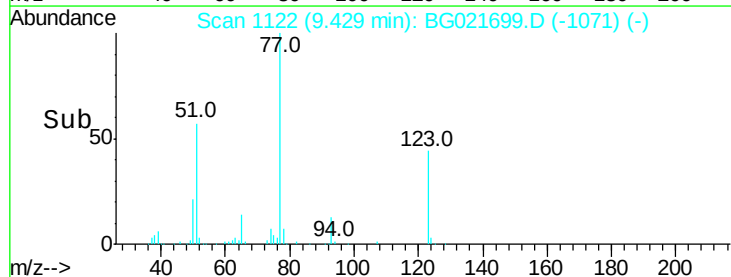
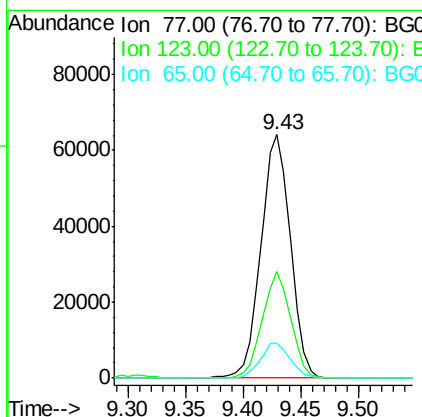
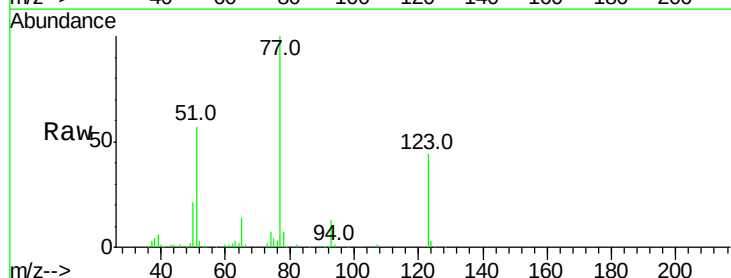
Manual Integrations
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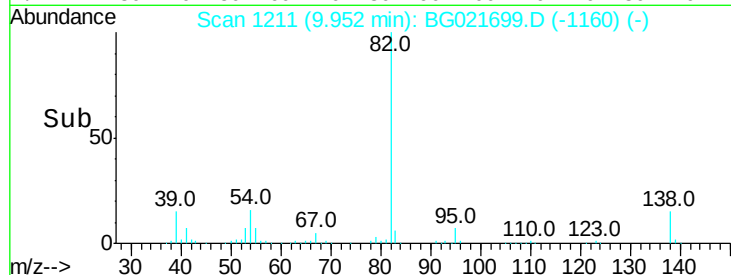
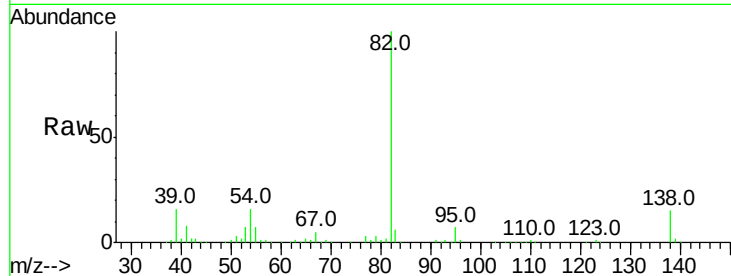
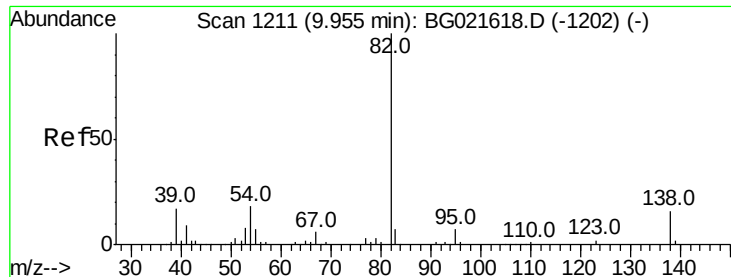
Sohil
 4/18/2016 7:19:00 PM



#24
 Nitrobenzene
 Concen: 43.83 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	113965		
123	43.7	32.2	48.4	
65	14.3	10.3	15.5	





#25

Isophorone

Concen: 41.95 ng

RT: 9.95 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BG021699.D

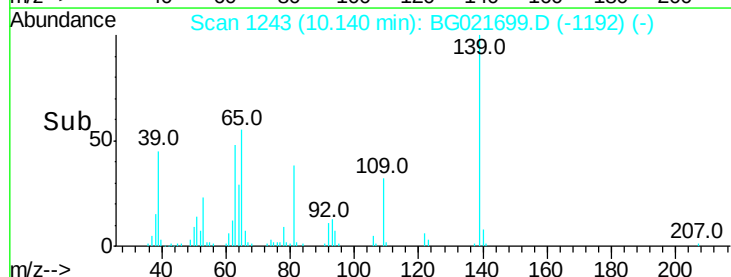
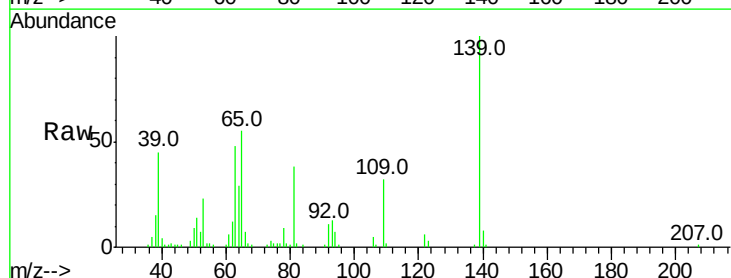
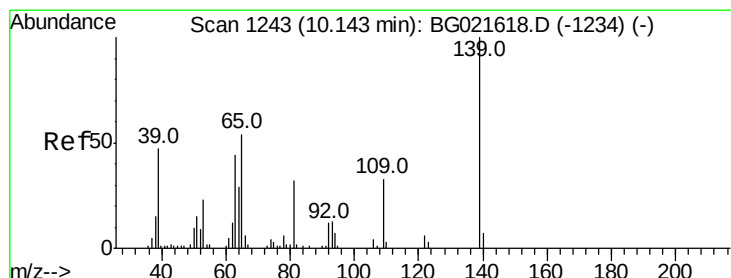
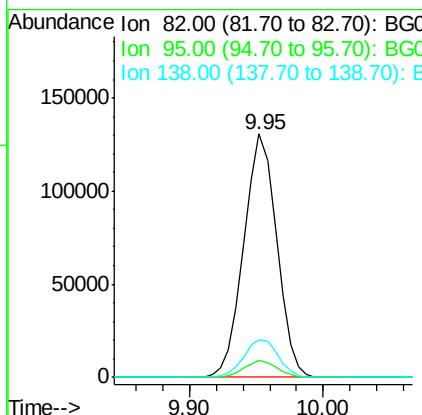
Acq: 15 Apr 2016 23:54

Tot Ion:	82	Resp:	222932
Ion Ratio	Lower	Upper	
82	100		
95	7.2	6.0	9.0
138	15.4	13.4	20.0

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R09-CS-1(0-32FTBGS)

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#26

2-Nitrophenol

Concen: 51.98 ng

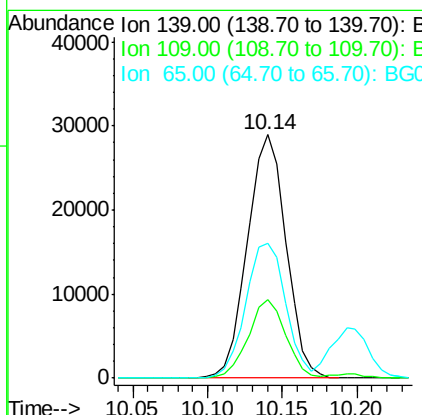
RT: 10.14 min Scan# 1243

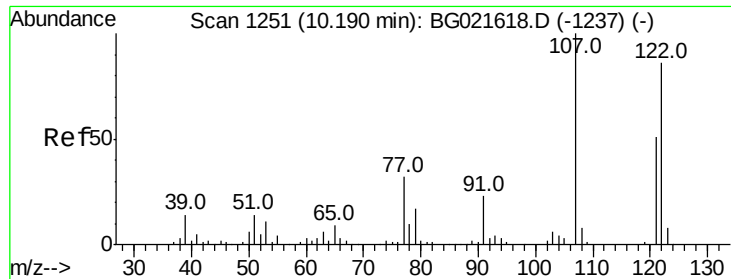
Delta R.T. -0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Tgt Ion:	139	Resp:	51602
Ion Ratio	Lower	Upper	
139	100		
109	32.1	26.6	40.0
65	55.3	45.3	67.9





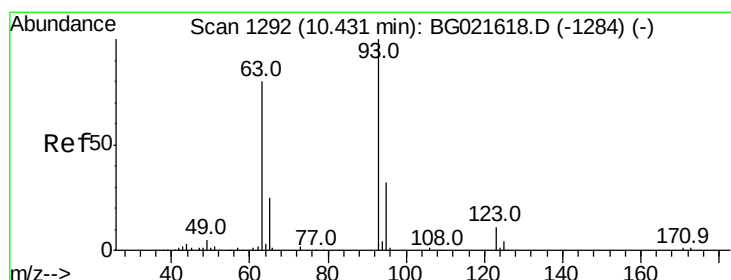
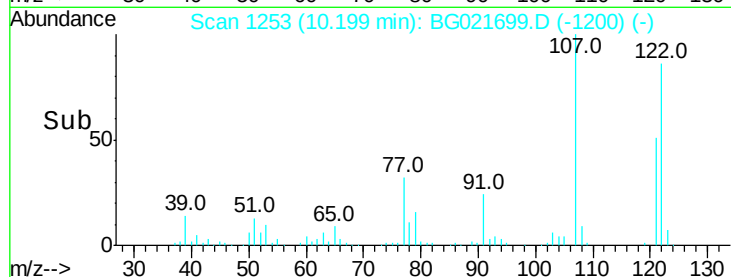
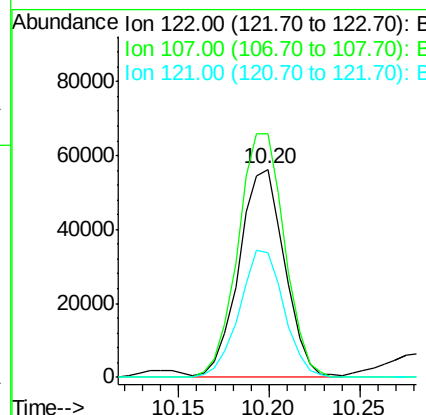
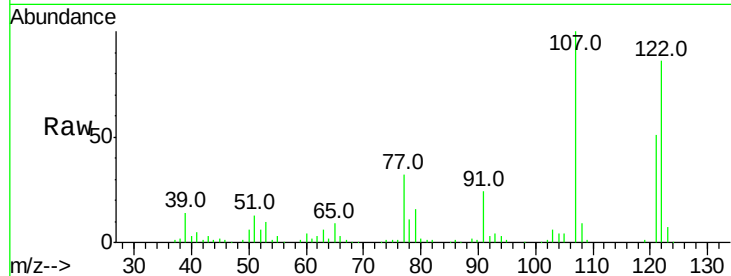
#27
 2,4-Dimethylphenol
 Concen: 43.52 ng
 RT: 10.20 min Scan# 1253
 Delta R.T. 0.01 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.8	97.2	145.8
121	60.0	49.0	73.4

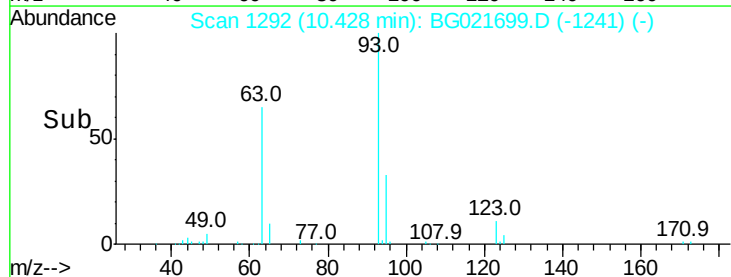
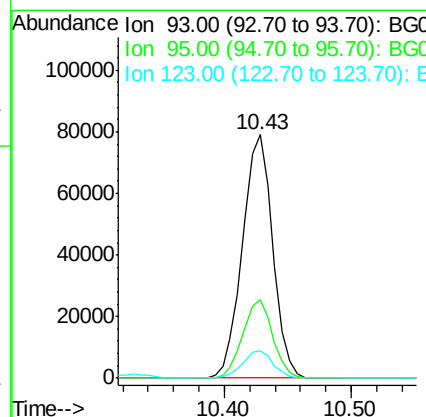
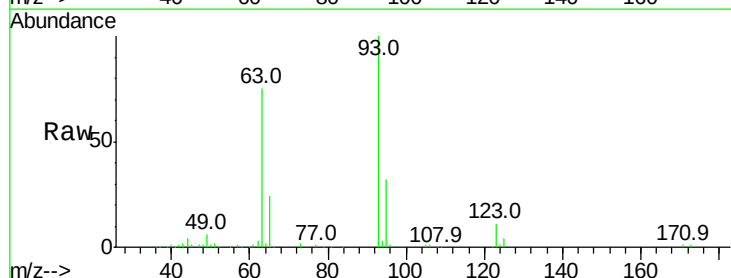
Manual Integrations
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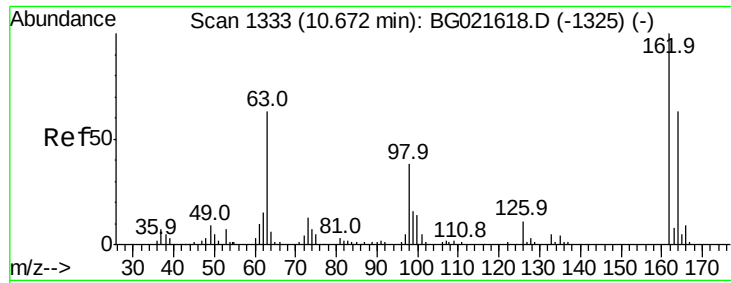
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.20 ng
 RT: 10.43 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	30.1	45.1
123	11.4	10.2	15.4





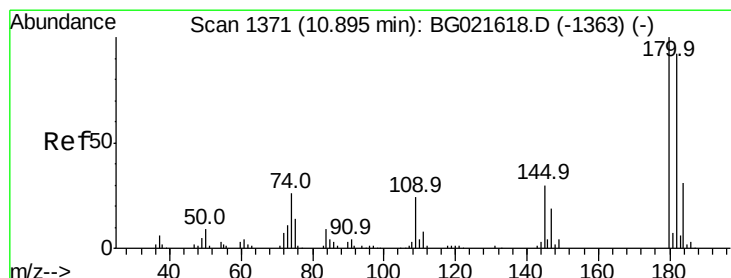
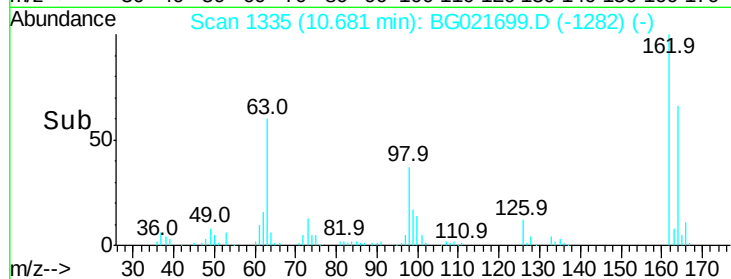
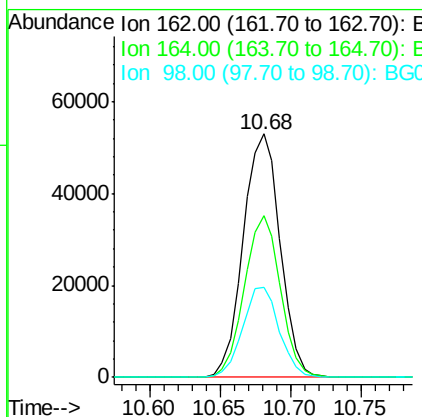
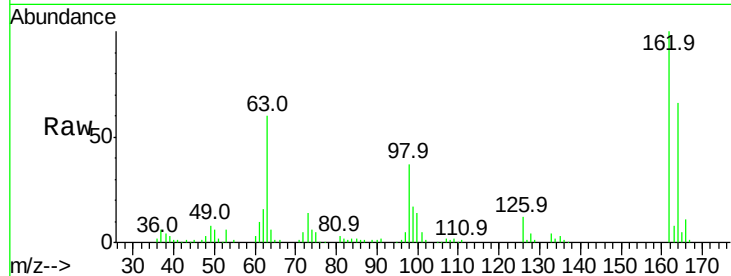
#29
2,4-Dichlorophenol
Concen: 50.59 ng
RT: 10.68 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
162	100	97256		
164	66.2		44.9	84.9
98	36.9		19.2	59.2

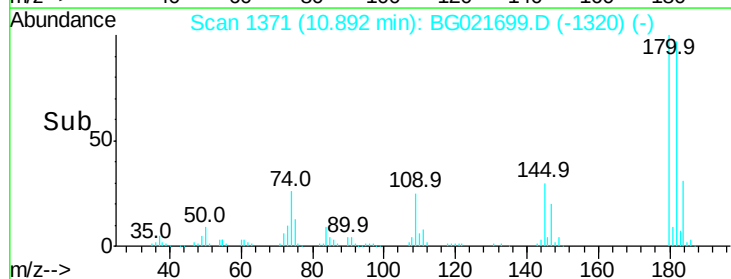
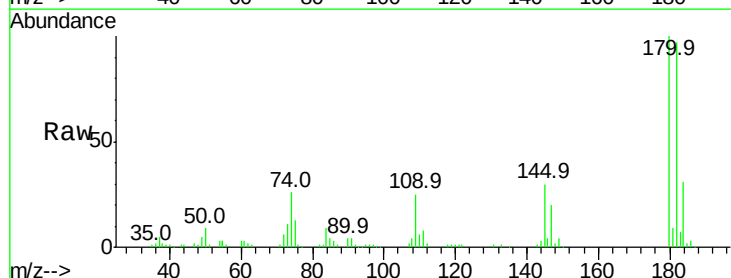
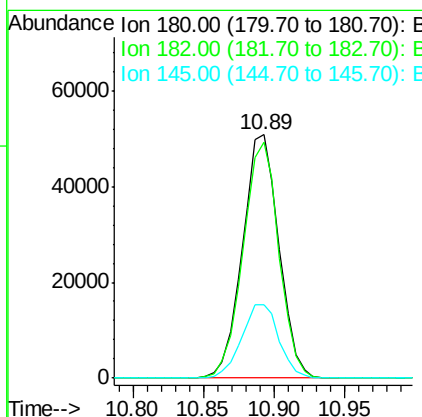
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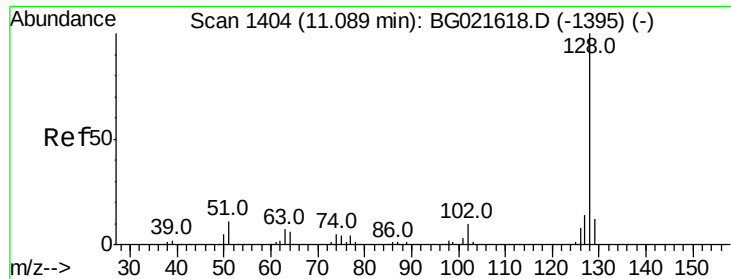
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 44.34 ng
RT: 10.89 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	91654		
182	97.0		82.3	123.5
145	29.9		24.4	36.6





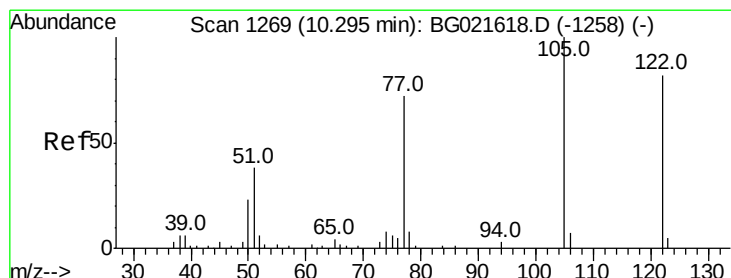
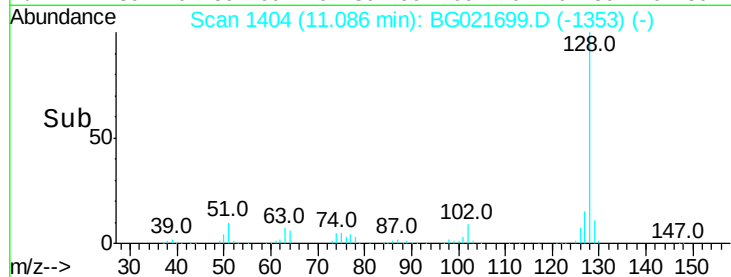
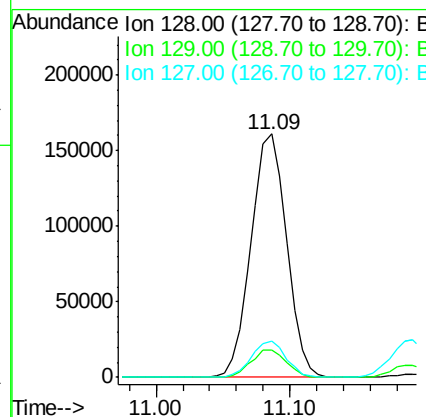
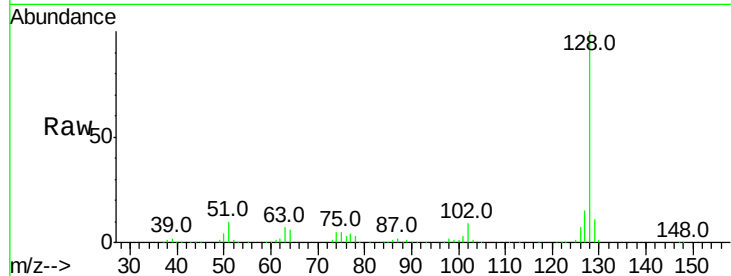
#31
Naphthalene
Concen: 44.31 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
128	100	295979		
129	11.1	7.0	10.6#	
127	14.7	10.1	15.1	

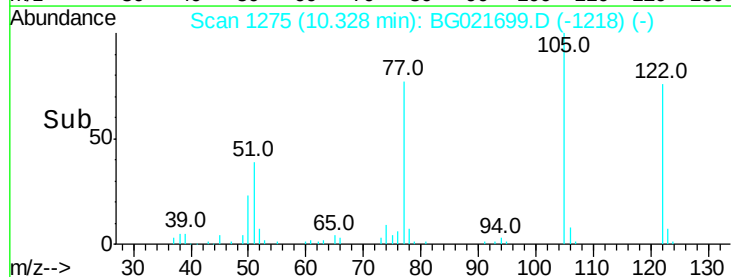
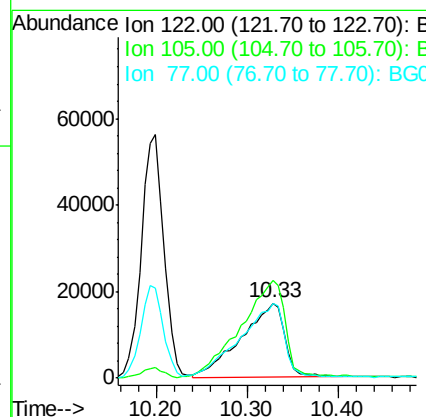
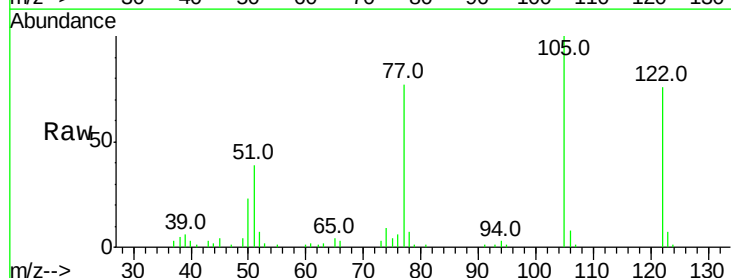
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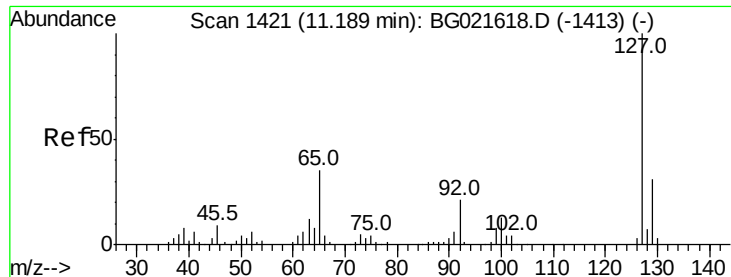
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#32
Benzoic acid
Concen: 44.93 ng
RT: 10.33 min Scan# 1275
Delta R.T. 0.03 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	56703		
105	130.9	104.5	144.5	
77	100.5	79.9	119.9	





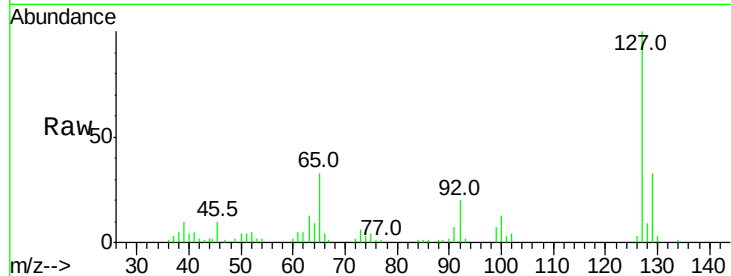
#33
4-Chloroaniline
Concen: 16.63 ng
RT: 11.19 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R09-CS-1(0-32FTBGS)

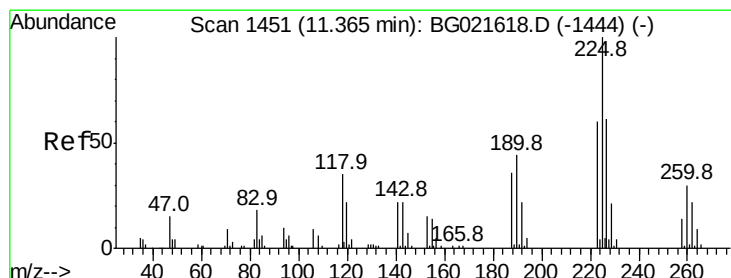
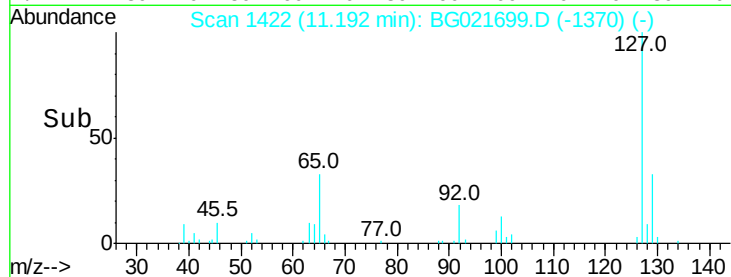
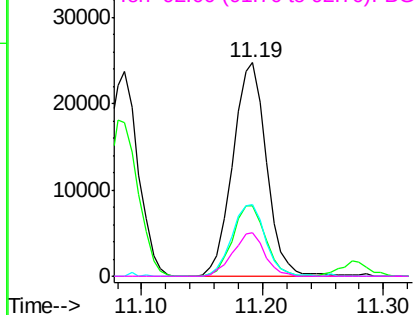
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.6	39.8
65	33.4	27.5	41.3
92	20.2	14.7	22.1

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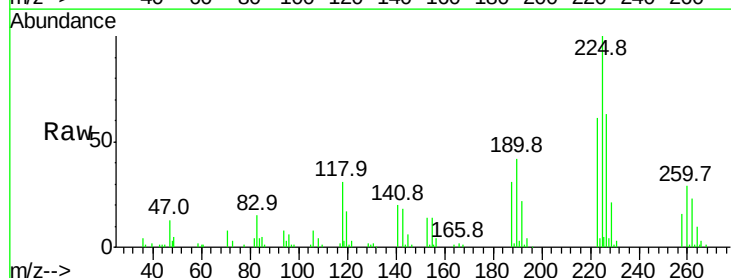


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

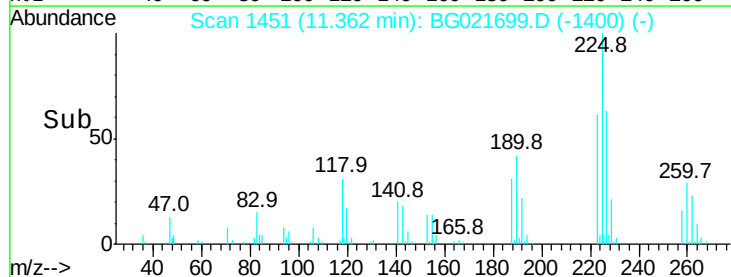
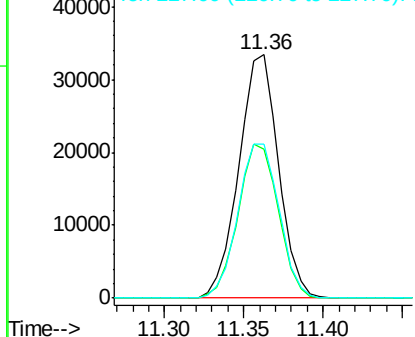


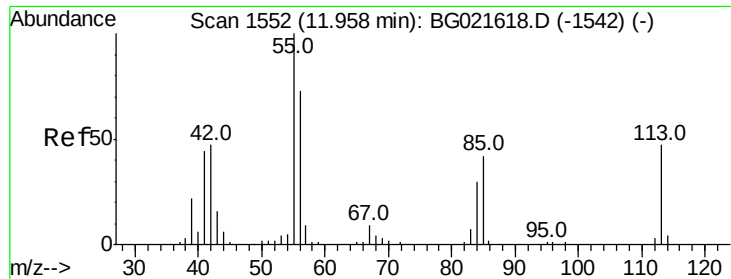
#34
Hexachlorobutadiene
Concen: 43.51 ng
RT: 11.36 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.6	52.7	79.1
227	60.3	49.7	74.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





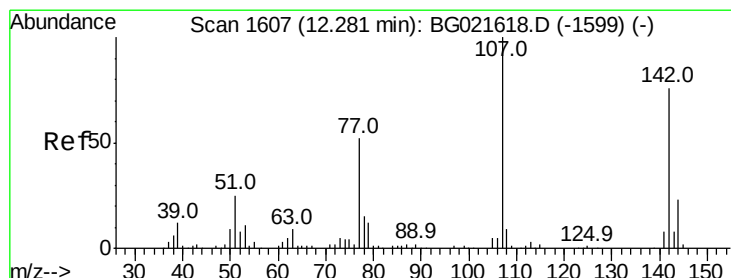
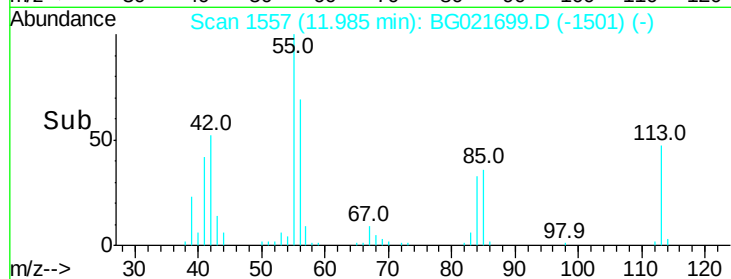
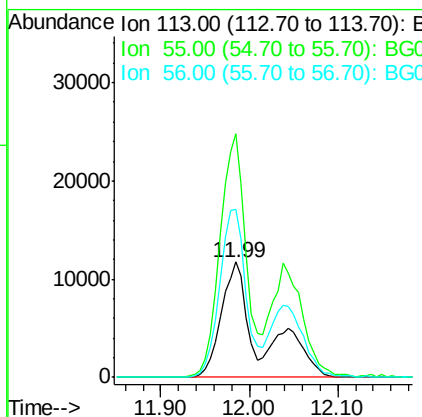
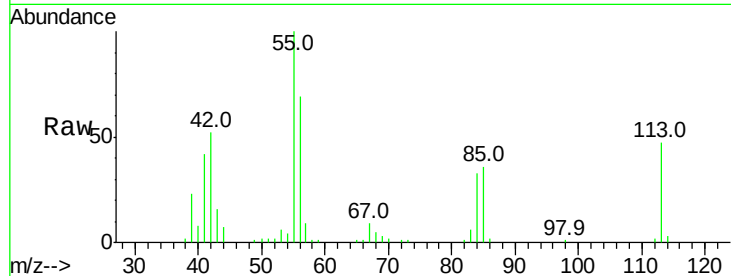
#35
 Caprolactam
 Concen: 41.21 ng/ml
 RT: 11.99 min Scan# 1557
 Delta R.T. 0.03 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ratio	Lower	Upper
113	100		
55	211.5	194.2	234.2
56	145.5	122.6	162.6

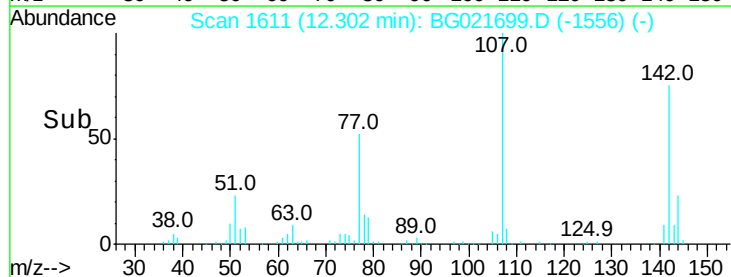
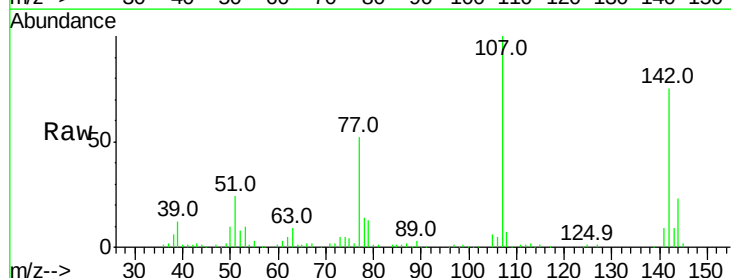
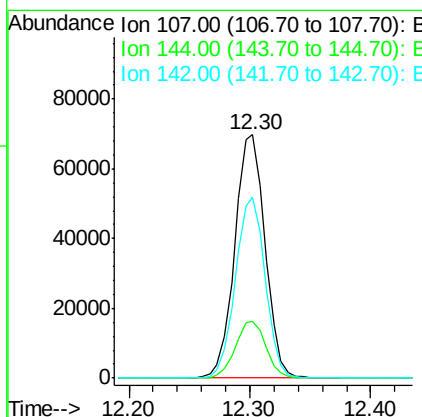
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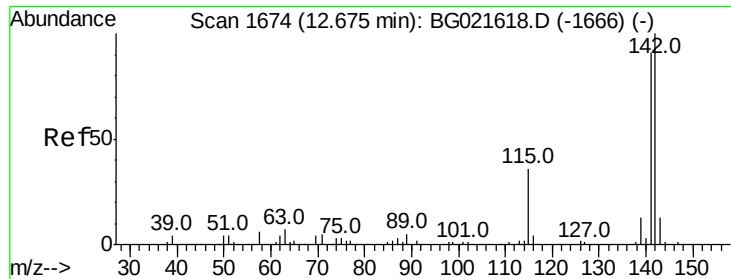
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#36
 4-Chloro-3-methylphenol
 Concen: 50.44 ng/ml
 RT: 12.30 min Scan# 1611
 Delta R.T. 0.02 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	19.2	28.8
142	74.5	59.1	88.7





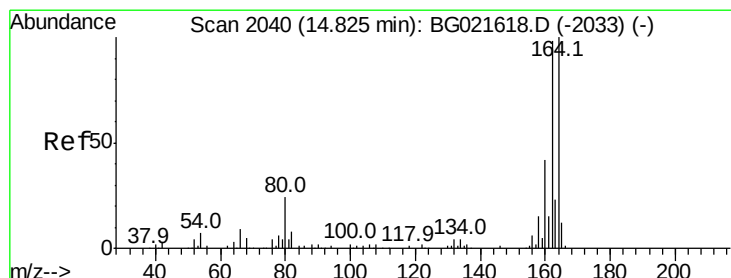
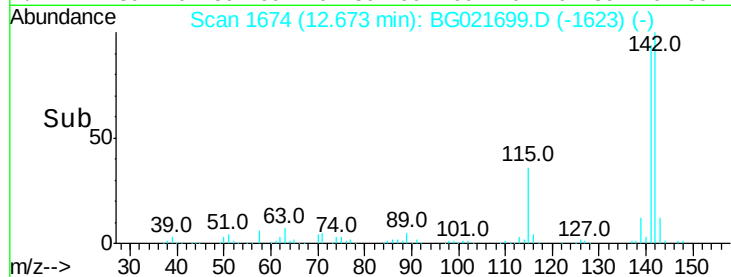
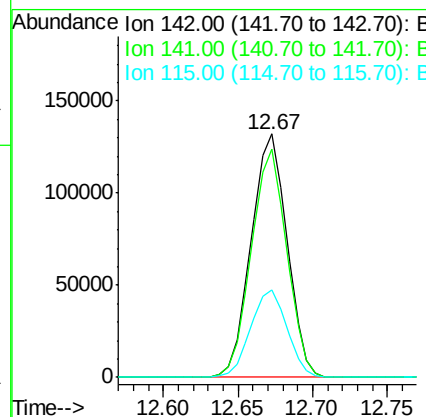
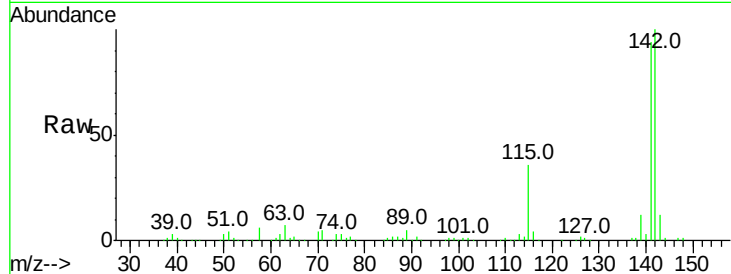
#37
2-Methylnaphthalene
Concen: 47.82 ng
RT: 12.67 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
142	100	219264		
141	93.5	71.4	107.0	
115	36.1	27.4	41.2	

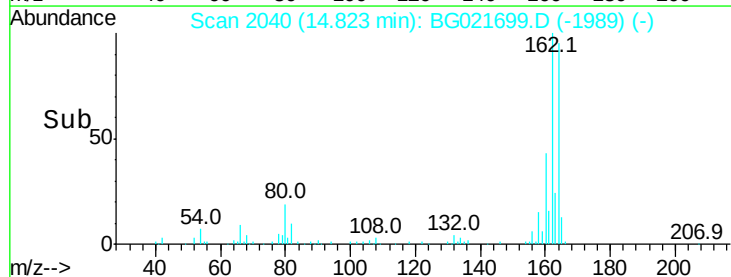
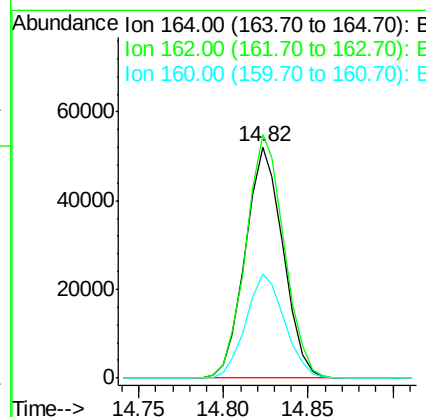
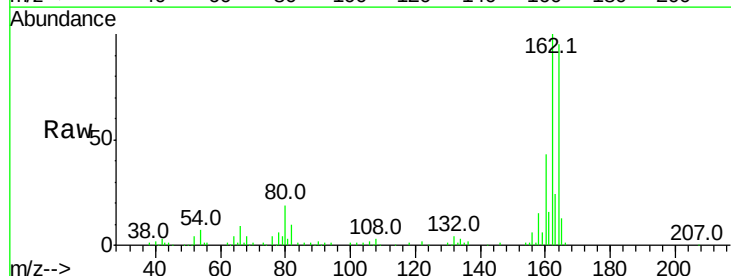
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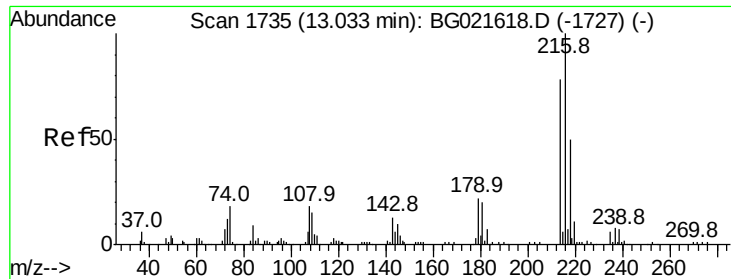
Sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	81056		
162	105.2	78.0	117.0	
160	45.2	32.9	49.3	





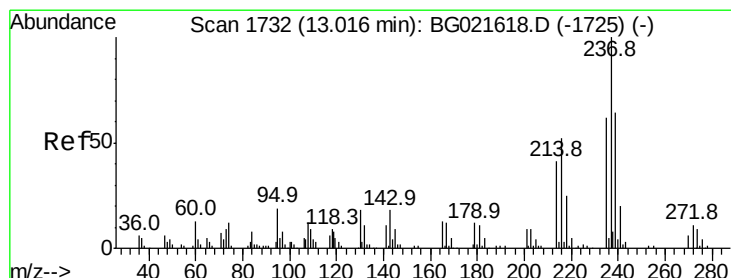
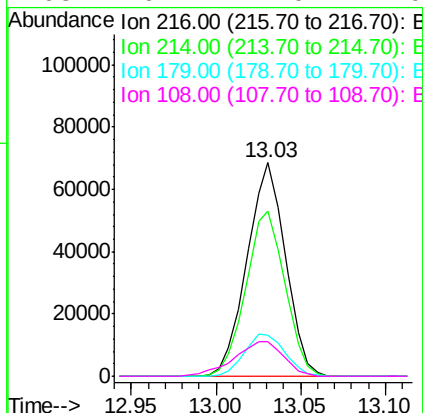
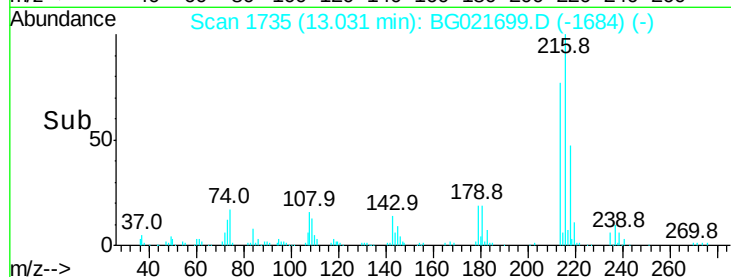
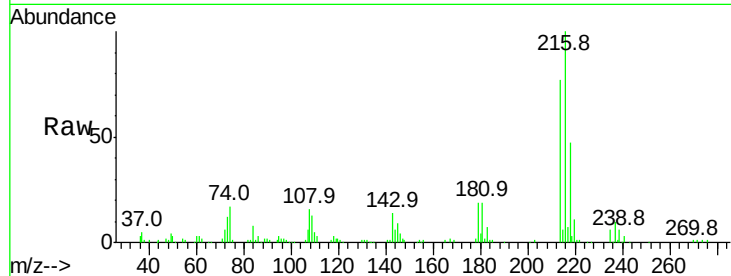
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.00 ng
 RT: 13.03 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
216	100	108922		
214	78.6	62.2	93.2	
179	20.8	16.7	25.1	
108	20.7	14.0	21.0	

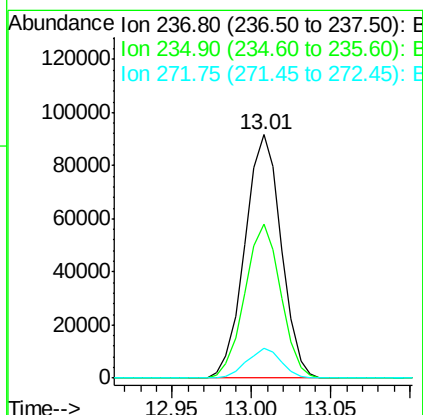
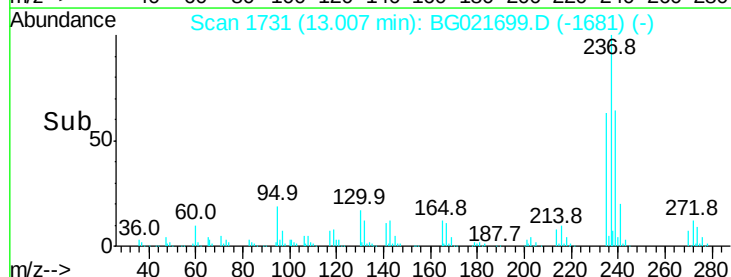
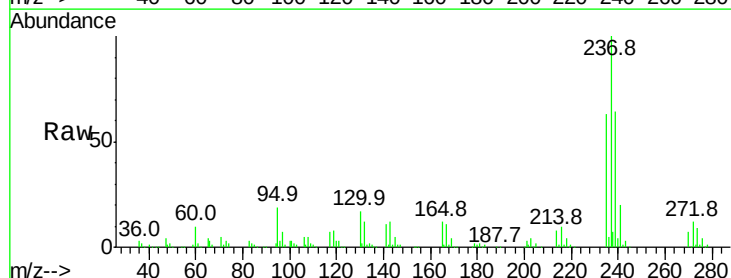
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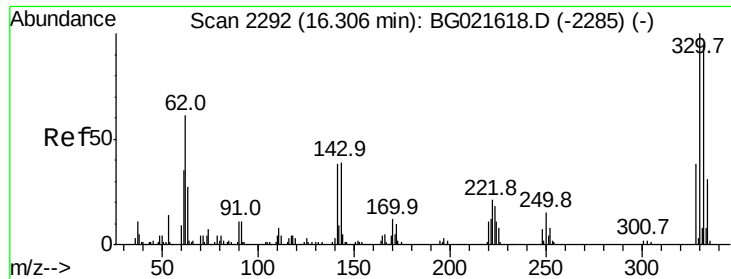
Sohil
 4/18/2016 7:19:00 PM



#40
 Hexachlorocyclopentadiene
 Concen: 103.54 ng
 RT: 13.01 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	145692		
235	63.2	43.2	83.2	
272	12.4	0.0	33.4	





#41

2,4,6-Tribromophenol

Concen: 188.92 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA_G

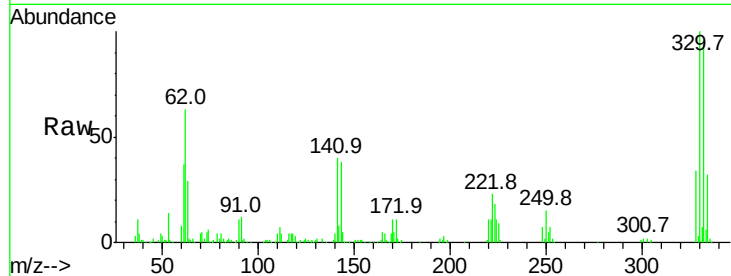
ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

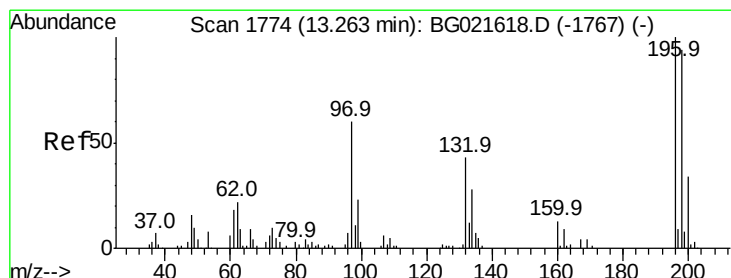
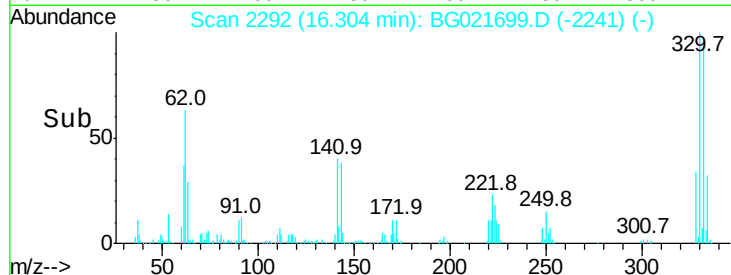
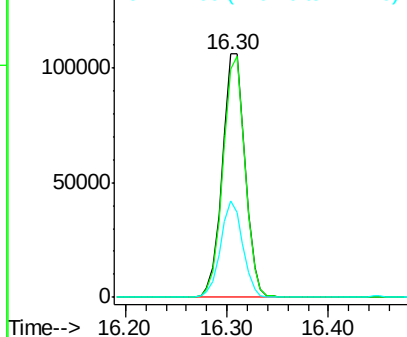
Tot Ion:	330	Resp:	165040
Ion Ratio	Lower	Upper	
330	100		
332	96.0	78.0	117.0
141	38.6	33.8	50.8

Manual Integrations
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 49.83 ng

RT: 13.27 min Scan# 1775

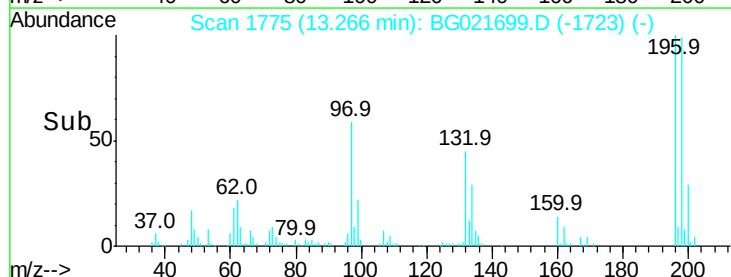
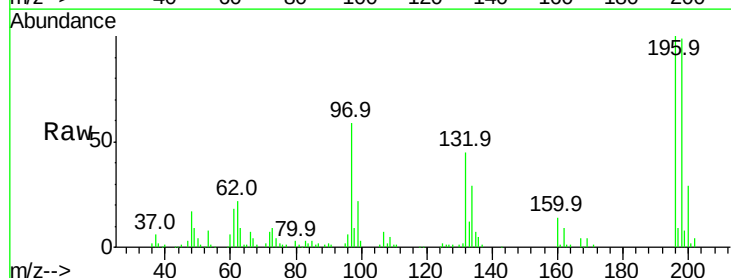
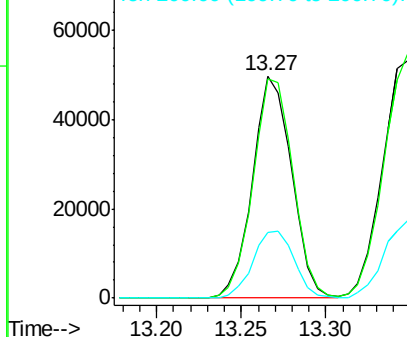
Delta R.T. 0.00 min

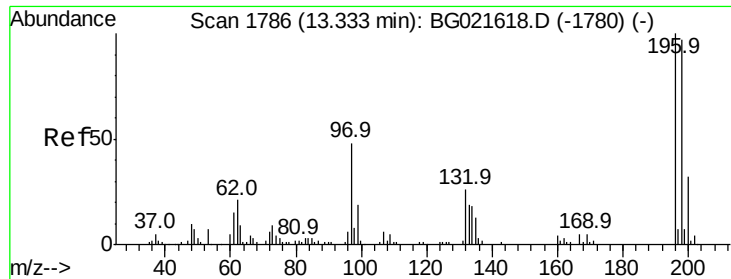
Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Tgt Ion:	196	Resp:	80488
Ion Ratio	Lower	Upper	
196	100		
198	98.6	80.1	120.1
200	29.5	24.1	36.1

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





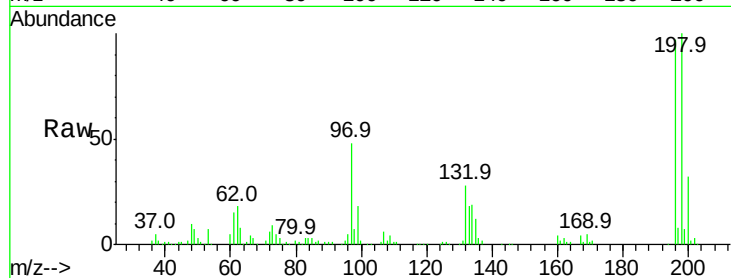
#43
 2,4,5-Trichlorophenol
 Concen: 51.75 ng
 RT: 13.35 min Scan# 1789
 Delta R.T. 0.02 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
196	100	90206		
198	102.9		78.0	117.0
97	49.4		43.0	64.6
132	28.5		23.0	34.4

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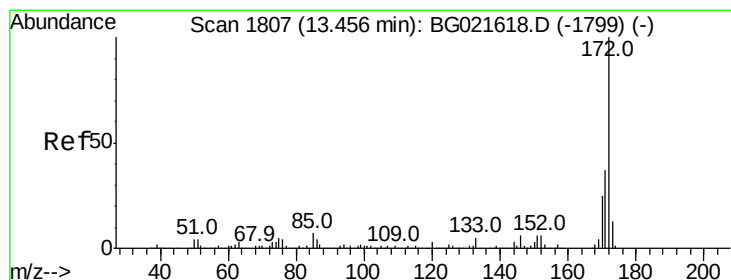
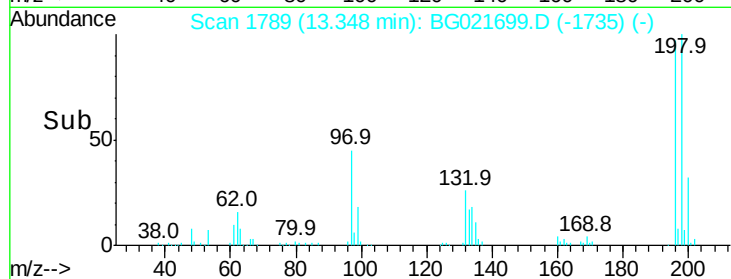
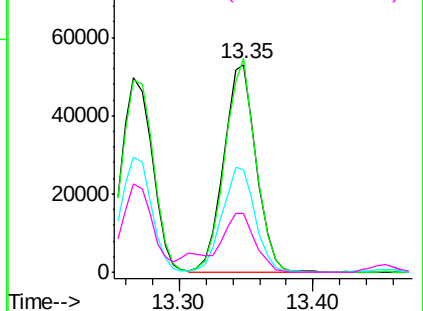
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.23 ng
 RT: 13.45 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

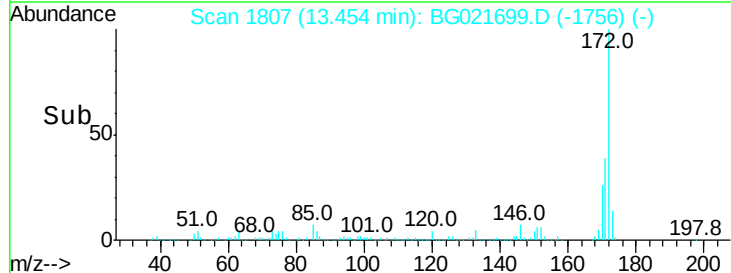
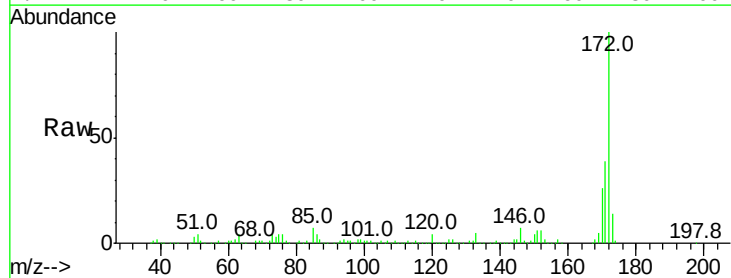
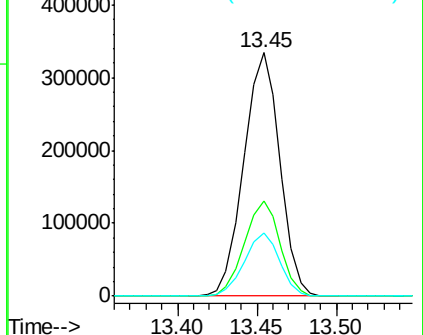
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	526834		
171	39.0		27.8	41.6
170	26.1		19.6	29.4

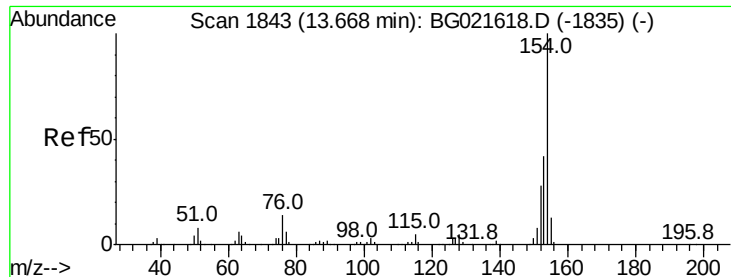
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.64 ng

RT: 13.67 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA_G

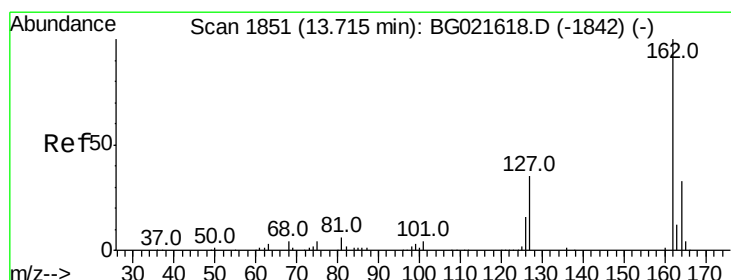
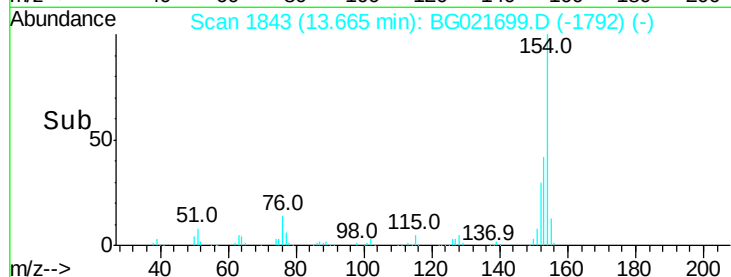
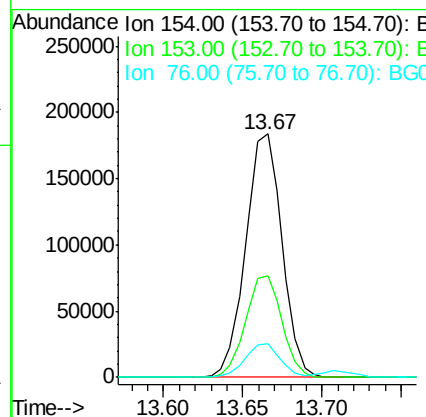
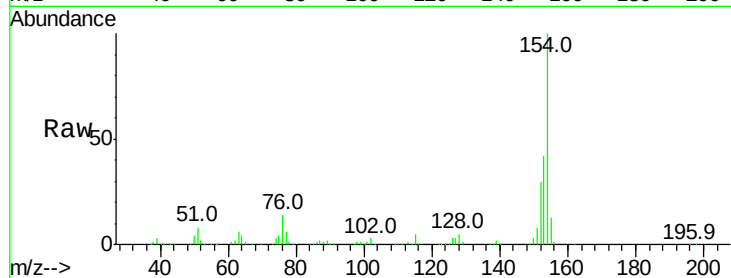
ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion:	154	Resp:	291184
Ion Ratio	Lower	Upper	
154	100		
153	41.9	19.7	59.7
76	13.9	0.0	33.0

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#46

2-Chloronaphthalene

Concen: 44.05 ng

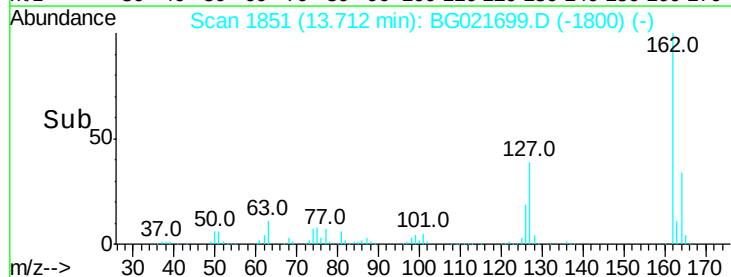
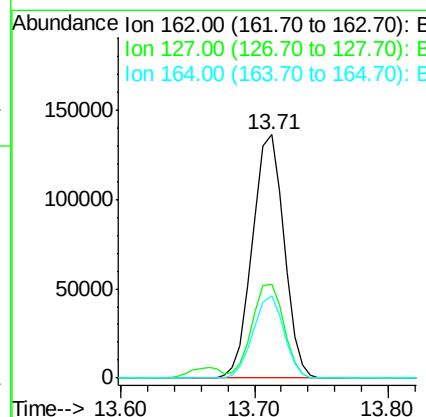
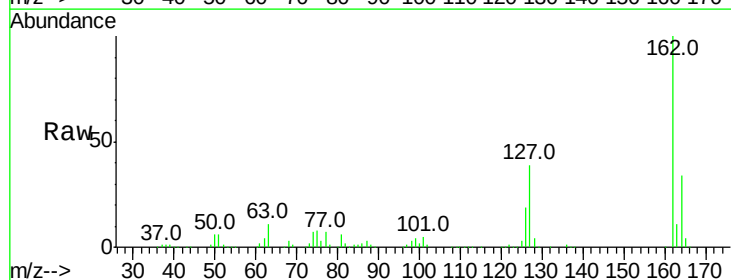
RT: 13.71 min Scan# 1851

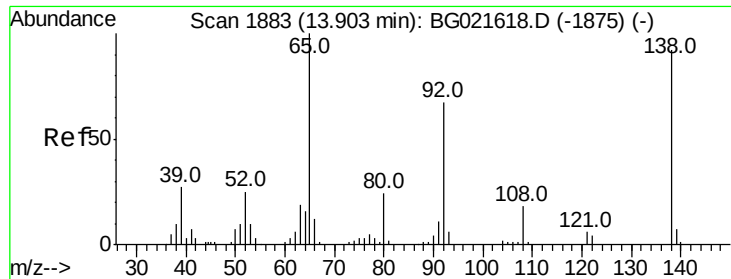
Delta R.T. -0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Tgt Ion:	162	Resp:	222402
Ion Ratio	Lower	Upper	
162	100		
127	38.6	32.0	48.0
164	33.8	27.0	40.4





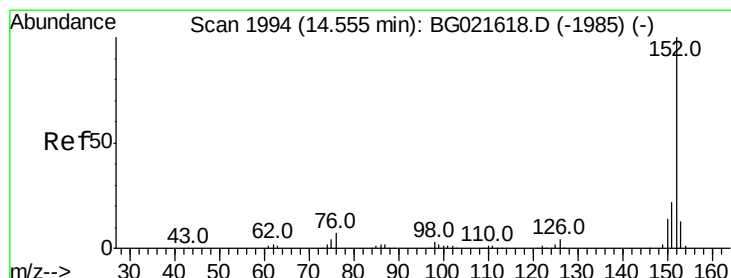
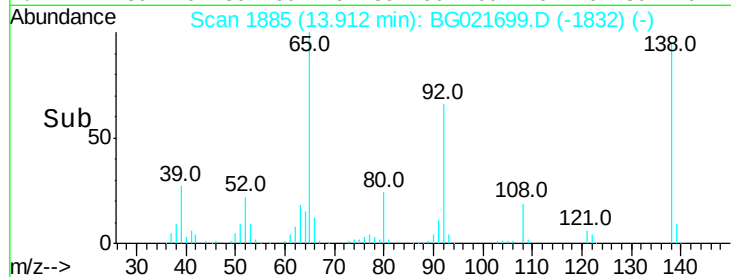
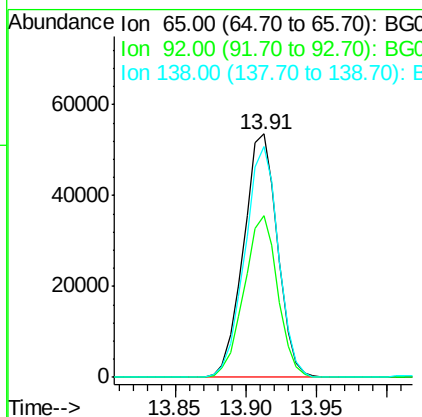
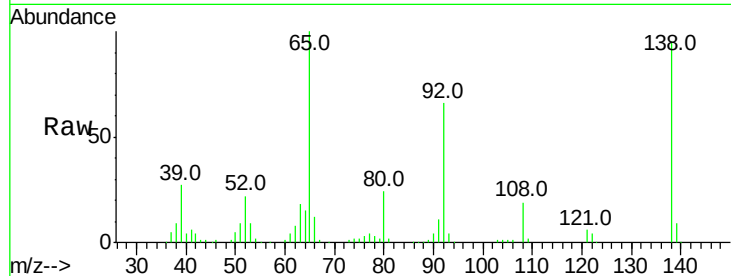
#47
 2-Nitroaniline
 Concen: 52.28 ng
 RT: 13.91 min Scan# 1885
 Delta R.T. 0.01 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion:	65	Resp:	90503
Ion Ratio	Lower	Upper	
65	100		
92	66.4	49.2	73.8
138	94.9	75.0	112.6

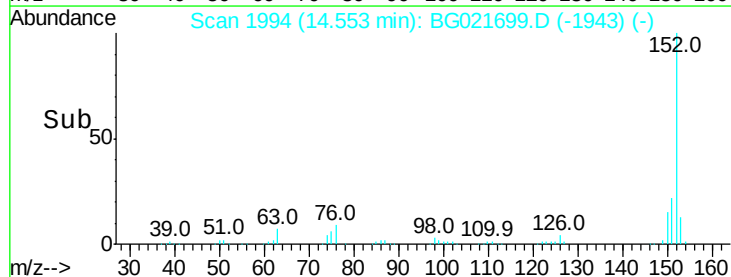
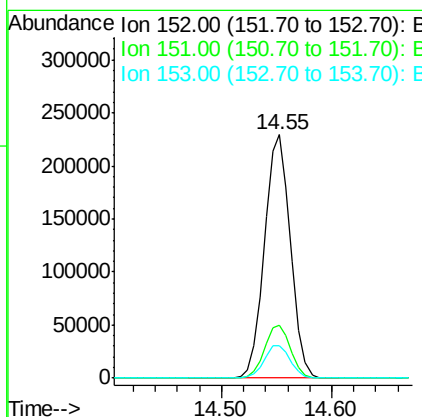
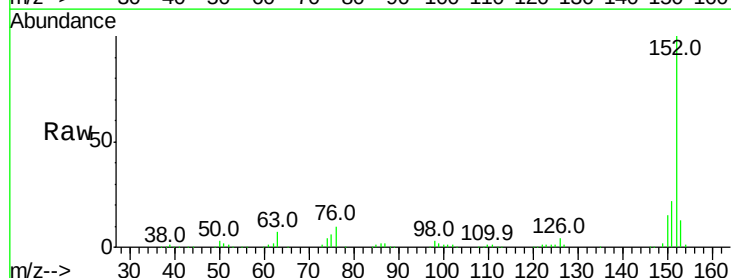
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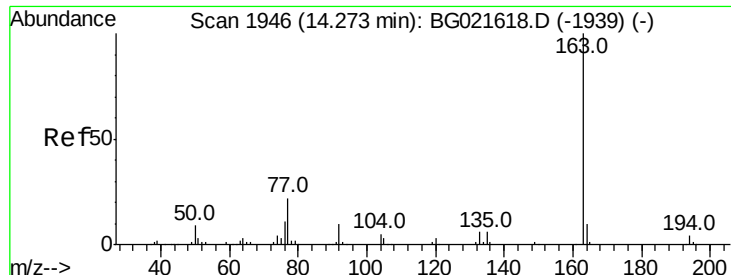
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#48
 Acenaphthylene
 Concen: 45.16 ng
 RT: 14.55 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Tgt Ion:	152	Resp:	376935
Ion Ratio	Lower	Upper	
152	100		
151	21.9	16.6	24.8
153	13.2	10.2	15.2





#49

Dimethylphthalate

Concen: 46.01 ng

RT: 14.28 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA_G

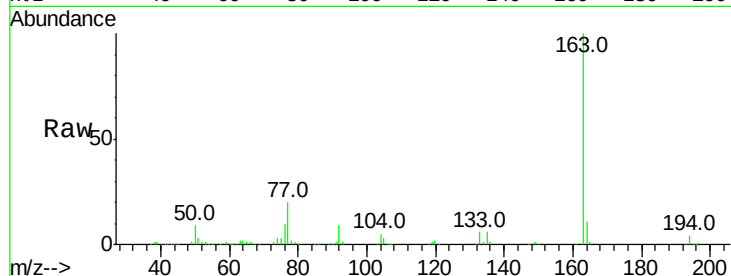
ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

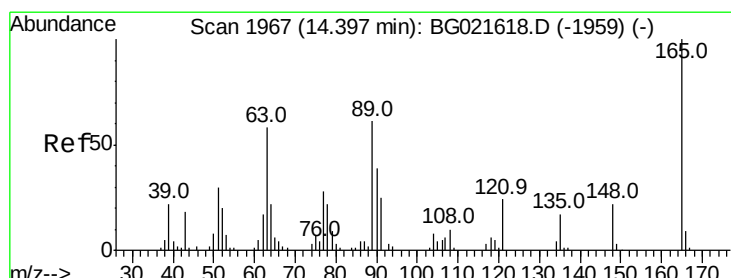
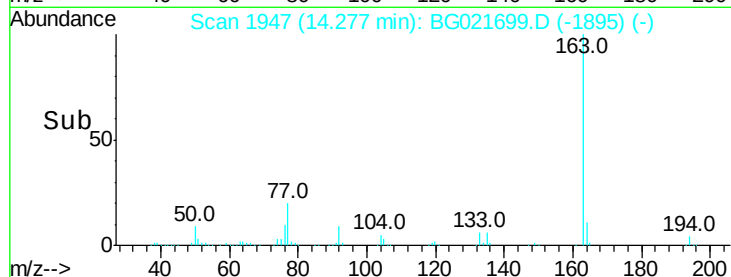
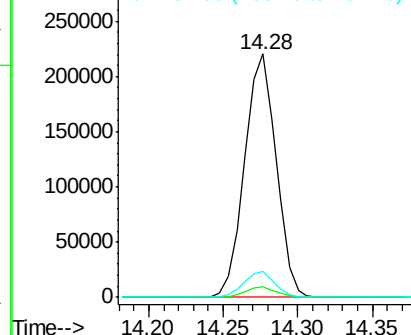
Tot Ion:	163	Resp:	322458
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.0	4.6
164	10.6	8.1	12.1

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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

2,6-Dinitrotoluene

Concen: 53.33 ng

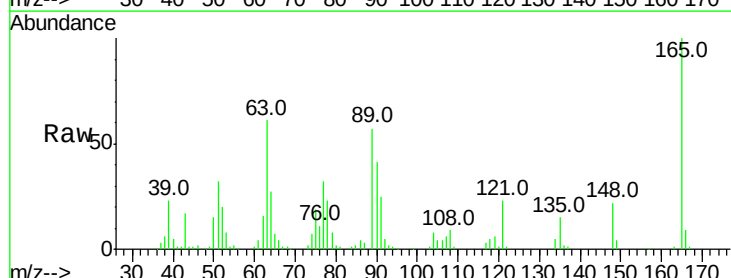
RT: 14.39 min Scan# 1967

Delta R.T. -0.00 min

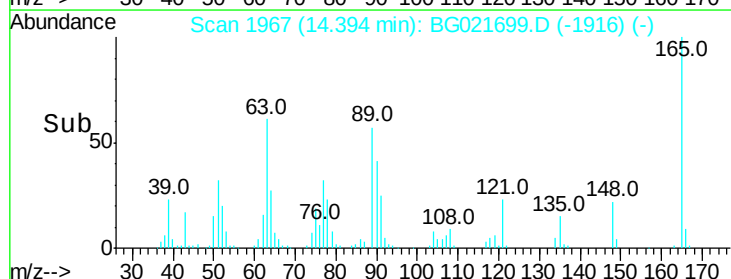
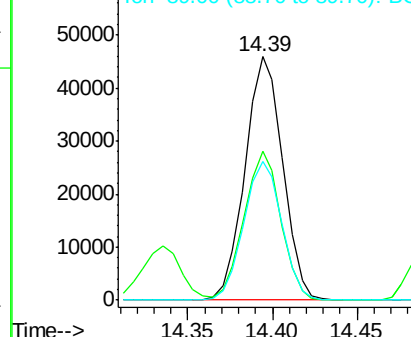
Lab File: BG021699.D

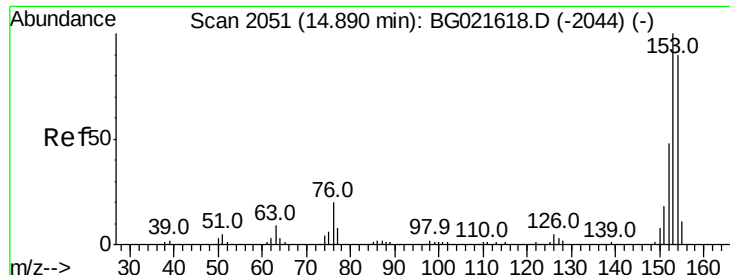
Acq: 15 Apr 2016 23:54

Tgt Ion:	165	Resp:	71266
Ion Ratio	Lower	Upper	
165	100		
63	61.1	48.2	72.4
89	57.0	45.3	67.9



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 52.24 ng/mL

RT: 14.89 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion:154 Resp: 278769

Ion Ratio Lower Upper

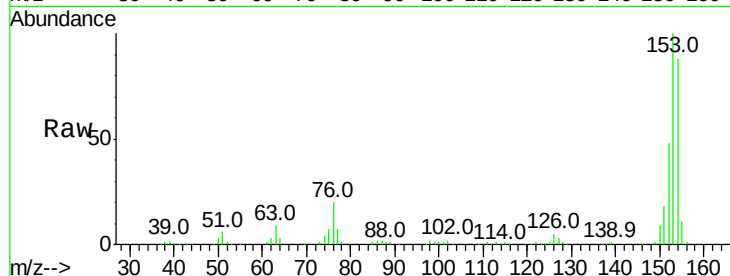
154 100

153 113.4 91.9 137.9

152 54.4 42.0 63.0

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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.89

200000

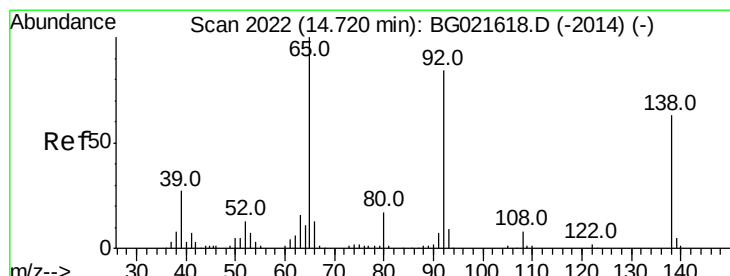
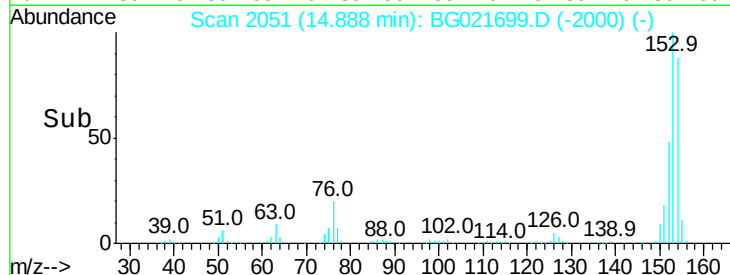
150000

100000

50000

0

Time-->



#52

3-Nitroaniline

Concen: 39.96 ng/mL

RT: 14.73 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

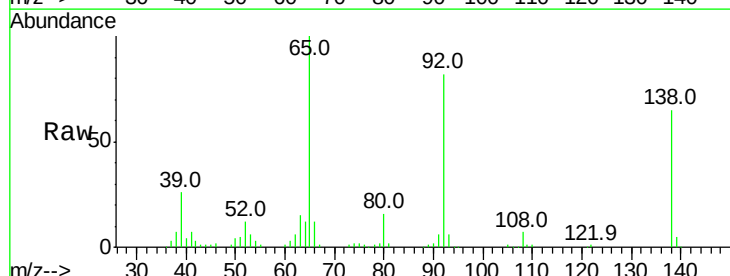
Tgt Ion:138 Resp: 59224

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

92 125.3 102.6 154.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

14.73

60000

50000

40000

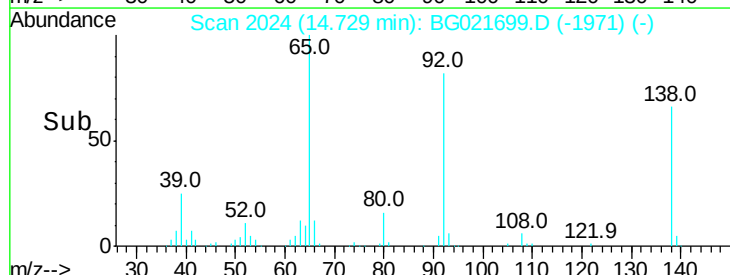
30000

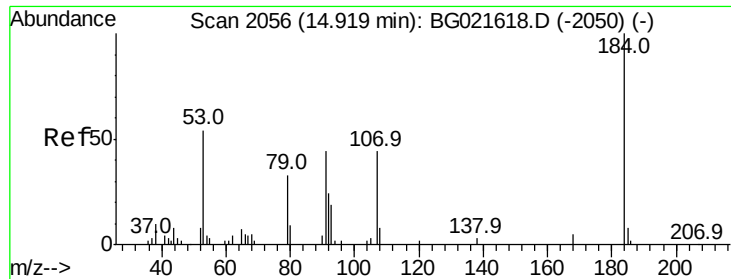
20000

10000

0

Time-->





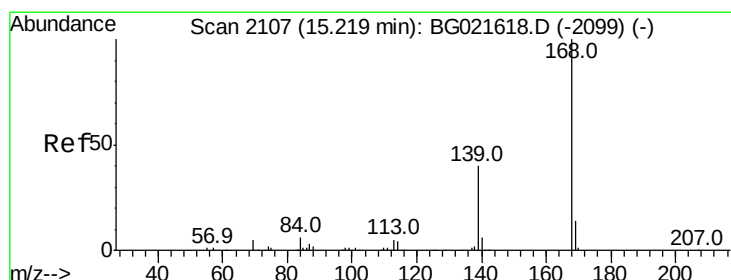
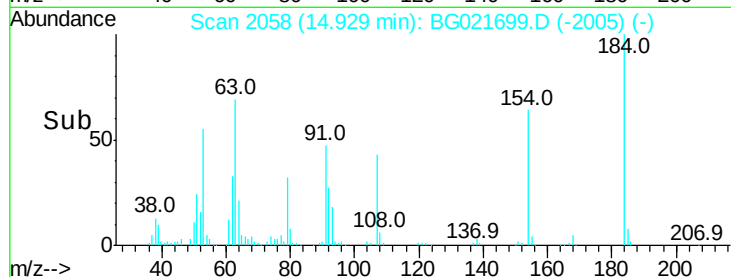
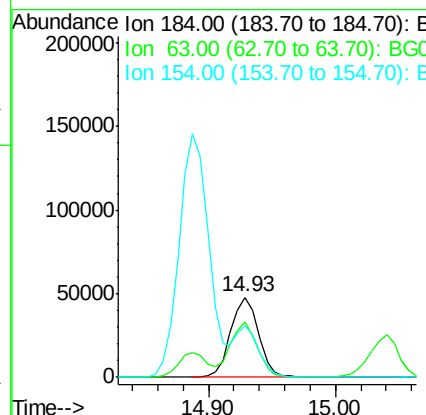
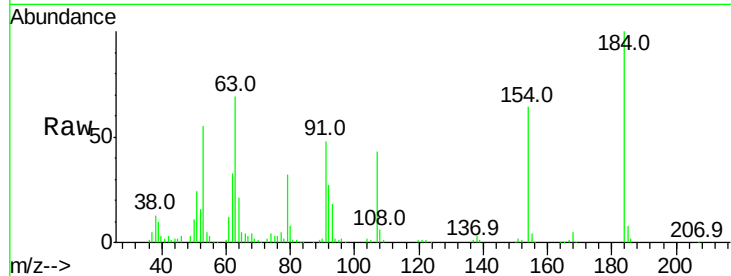
#53
2,4-Dinitrophenol
Concen: 137.04 ng
RT: 14.93 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ratio	Lower	Upper
184	100		
63	69.0	57.3	85.9
154	63.9	55.2	82.8

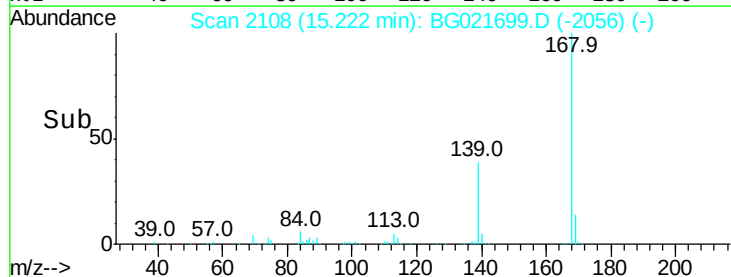
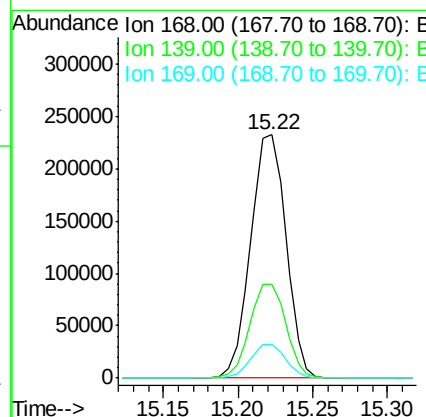
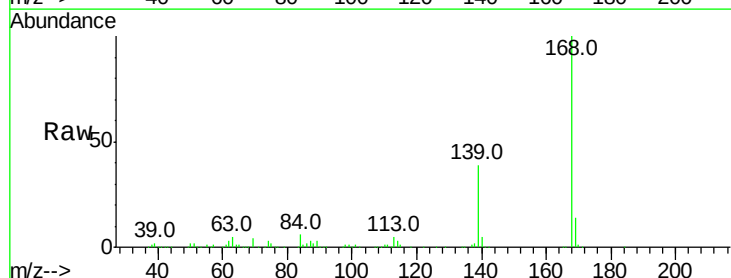
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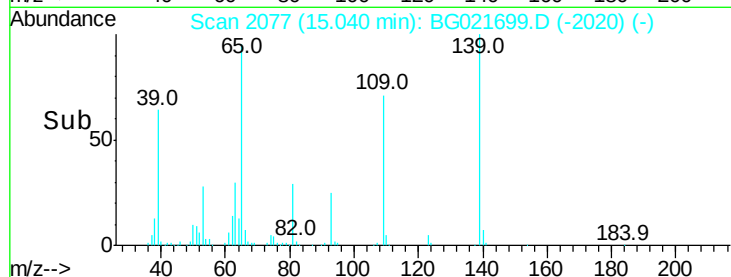
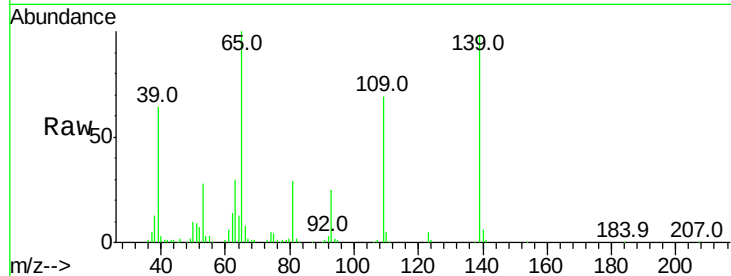
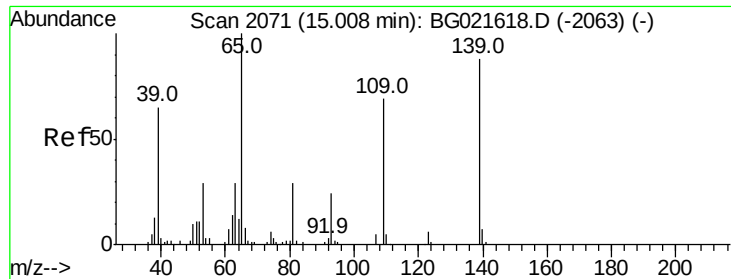
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#54
Dibenzofuran
Concen: 52.26 ng
RT: 15.22 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.7	31.1	46.7
169	13.9	11.0	16.6





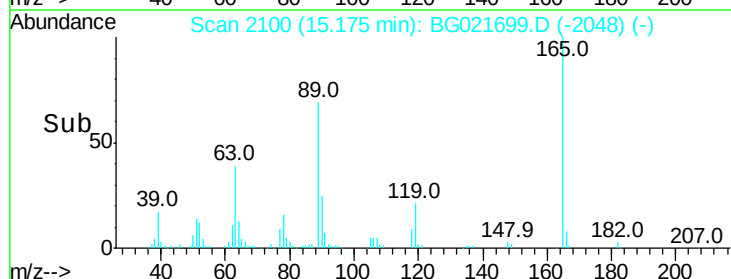
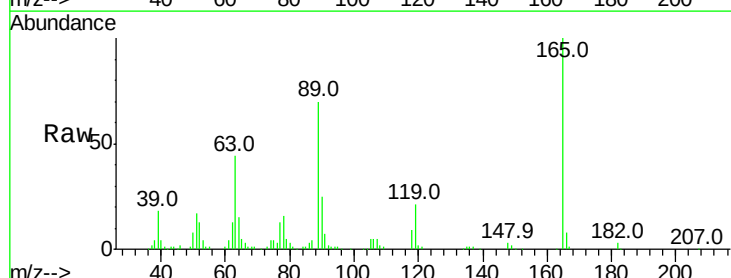
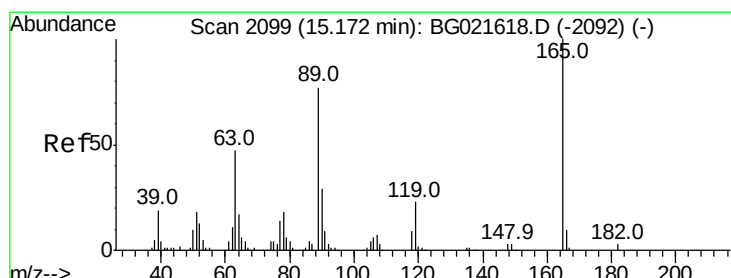
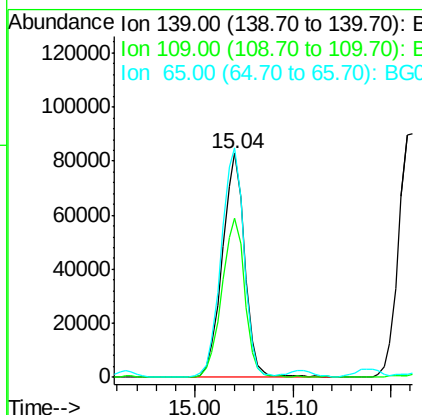
#55
4-Nitrophenol
Concen: 103.64 ng
RT: 15.04 min Scan# 2077
Delta R.T. 0.03 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Tot Ion	Ratio	Resp	Lower	Upper
139	100	131513		
109	70.7	49.2	89.2	
65	102.4	83.2	123.2	

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R09-CS-1(0-32FTBGS)

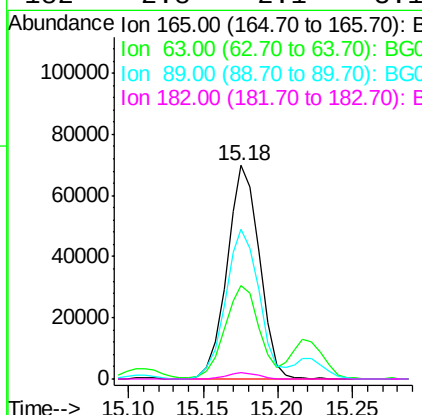
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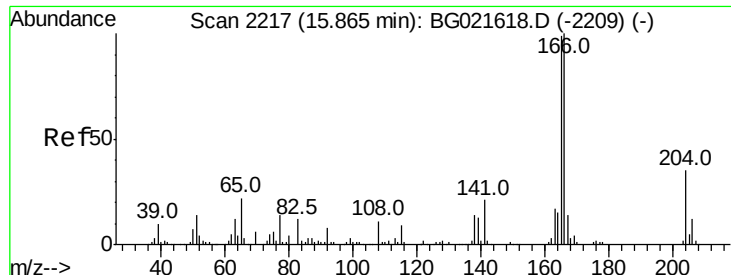
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#56
2,4-Dinitrotoluene
Concen: 58.71 ng
RT: 15.18 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	106039		
63	43.8	37.4	56.0	
89	69.9	59.4	89.0	
182	2.8	2.1	3.1	





#57

Fluorene

Concen: 48.43 ng

RT: 15.86 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA_G

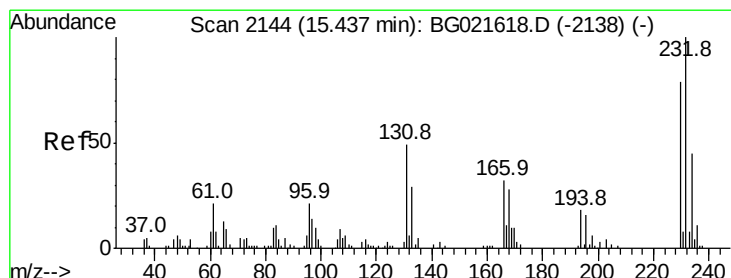
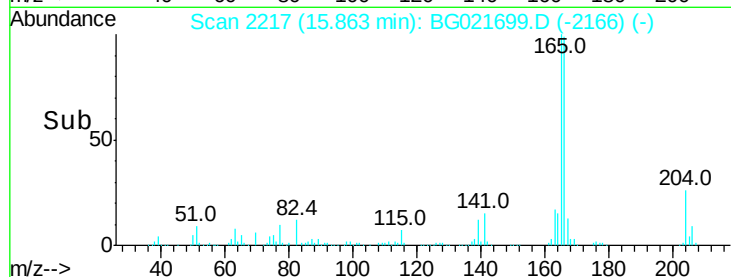
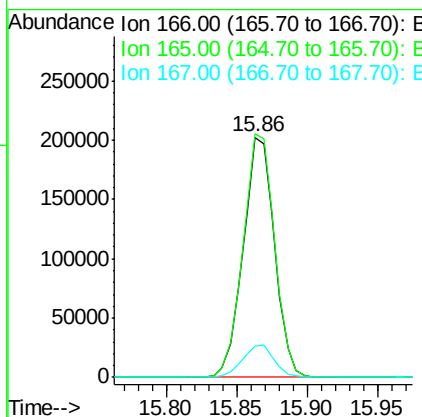
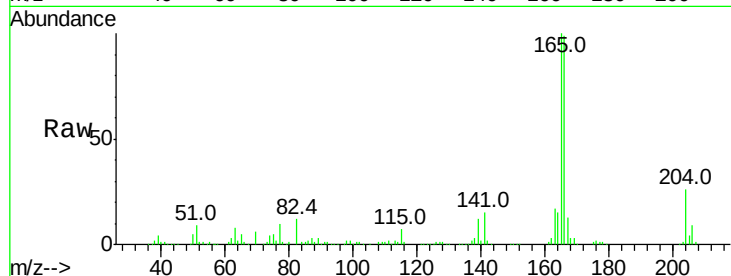
ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion:	166	Resp:	315170
Ion Ratio		Lower	Upper
166	100		
165	101.3	79.0	118.4
167	13.2	10.7	16.1

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#58

2,3,4,6-Tetrachlorophenol

Concen: 59.08 ng

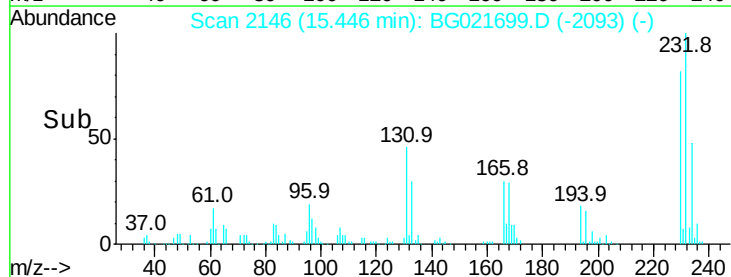
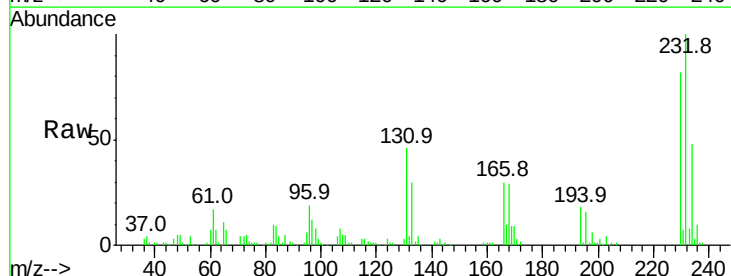
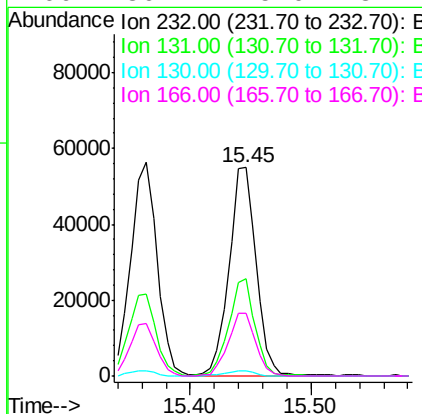
RT: 15.45 min Scan# 2146

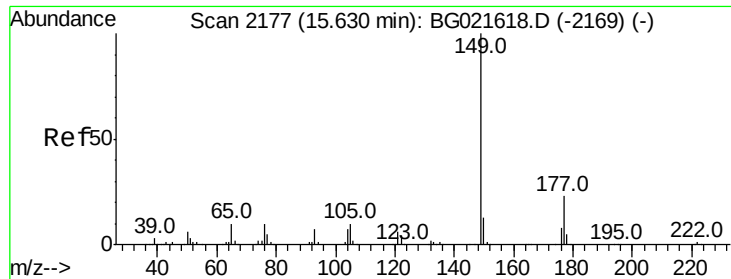
Delta R.T. 0.01 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Tgt Ion:	232	Resp:	85444
Ion Ratio		Lower	Upper
232	100		
131	45.4	36.3	54.5
130	2.7	1.9	2.9
166	30.7	25.0	37.4





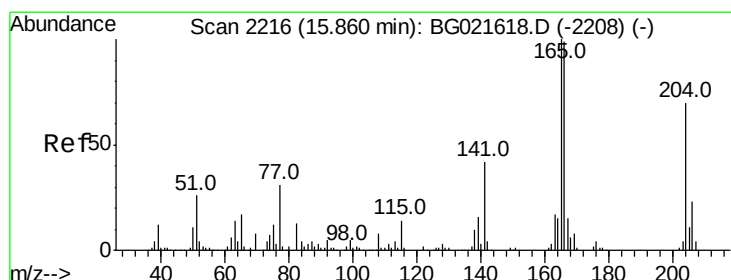
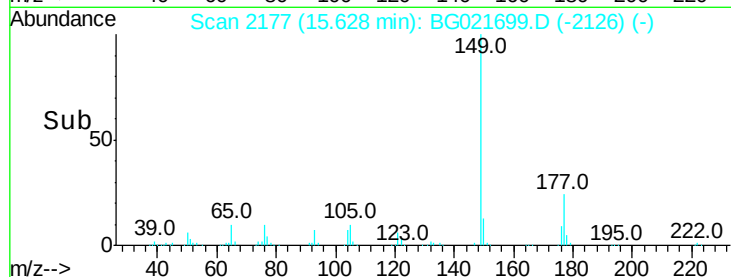
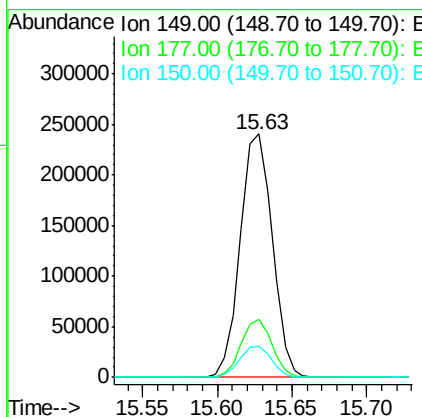
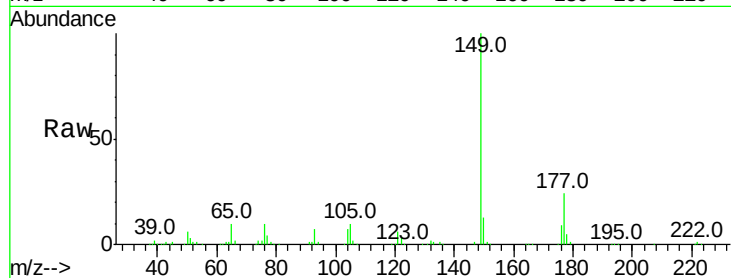
#59
Diethylphthalate
Concen: 49.01 ng
RT: 15.63 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.9	17.3	25.9	
150	13.0	9.7	14.5	

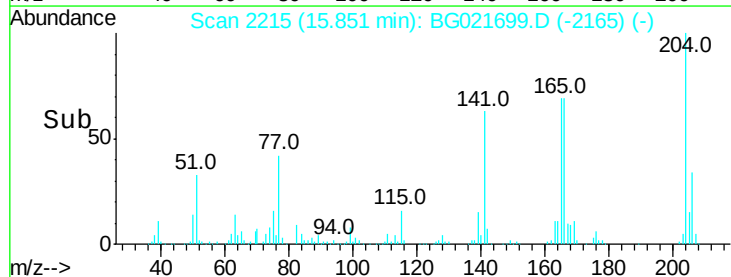
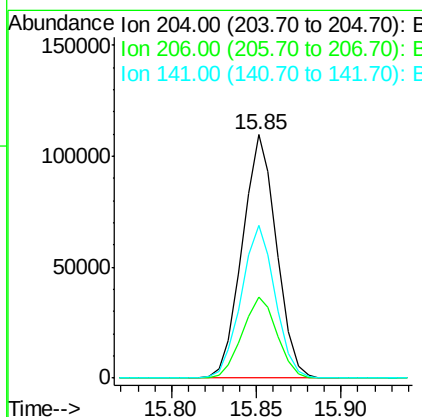
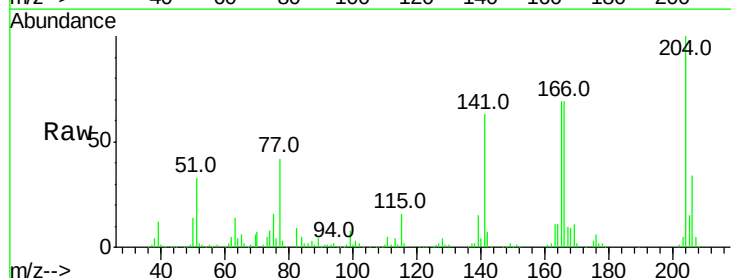
Manual Integrations
APPROVED

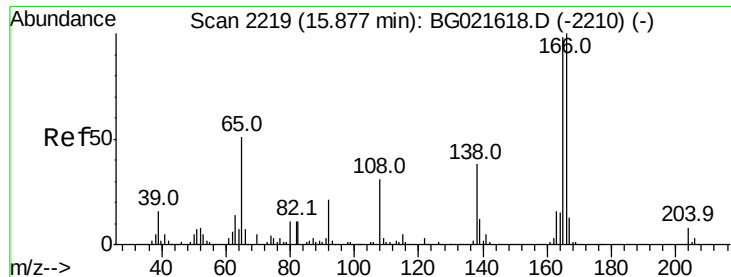
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 48.09 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.5	27.8	41.8	
141	62.5	51.0	76.4	





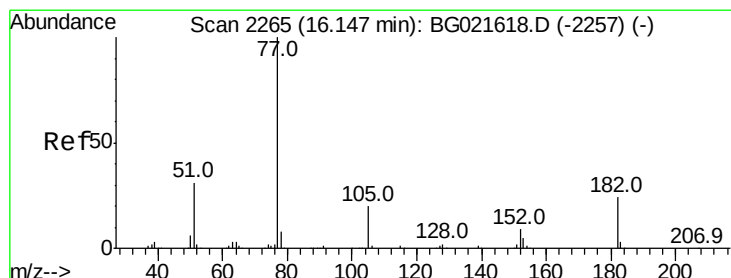
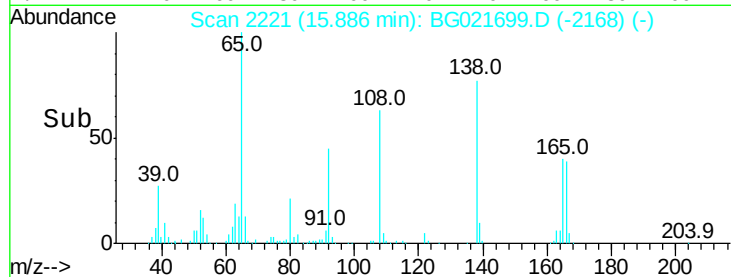
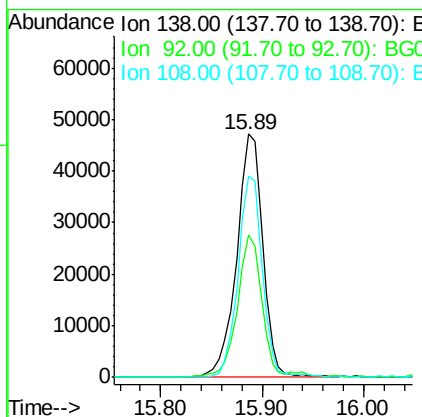
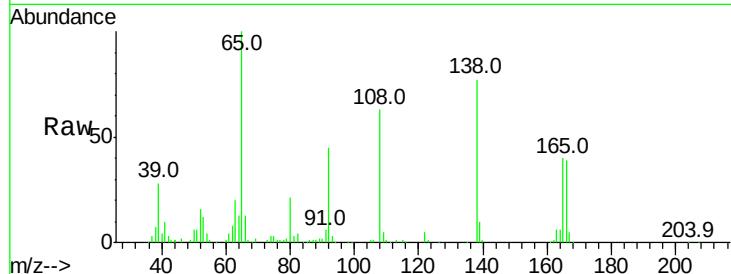
#61
 4-Nitroaniline
 Concen: 51.86 ng
 RT: 15.89 min Scan# 2221
 Delta R.T. 0.01 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion:	138	Resp:	84576
Ion Ratio	Lower	Upper	
138	100		
92	58.3	37.7	77.7
108	82.6	59.4	99.4

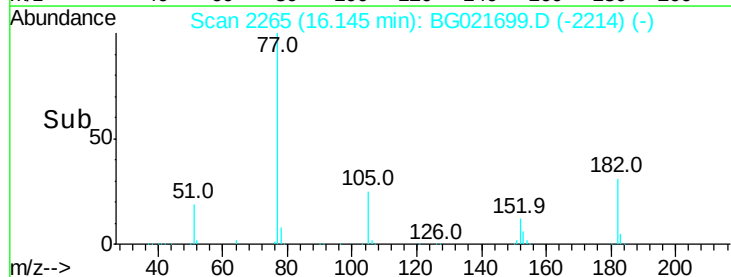
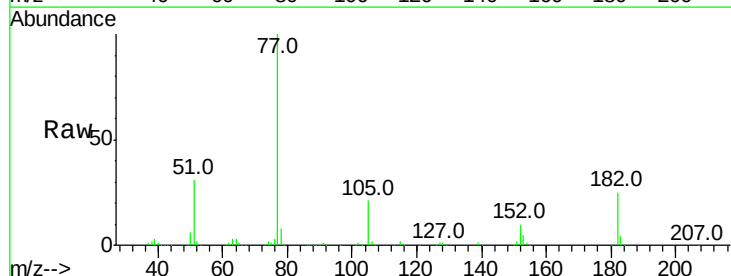
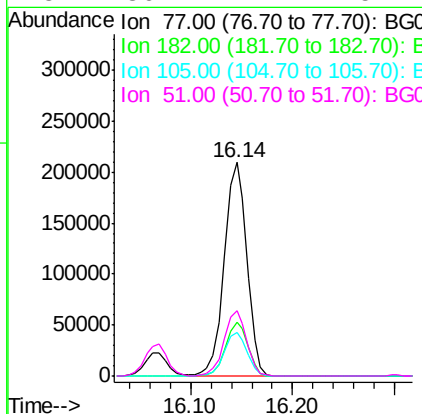
Manual Integrations
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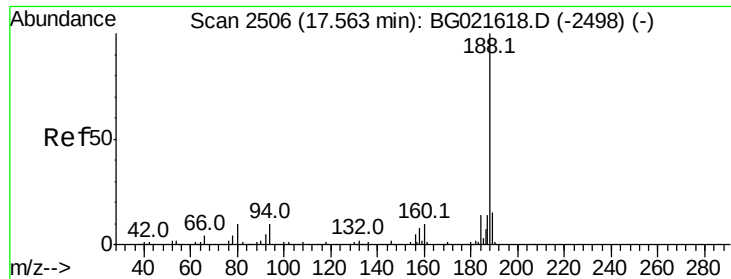
Sohil
 4/18/2016 7:19:00 PM



#62
 Azobenzene
 Concen: 51.57 ng
 RT: 16.14 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Tgt Ion:	77	Resp:	323292
Ion Ratio	Lower	Upper	
77	100		
182	24.9	4.1	44.1
105	20.5	0.0	39.8
51	30.7	11.1	51.1





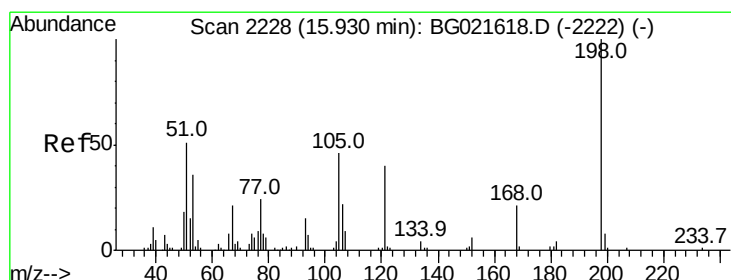
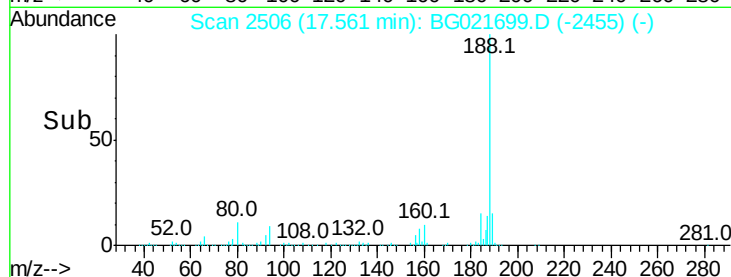
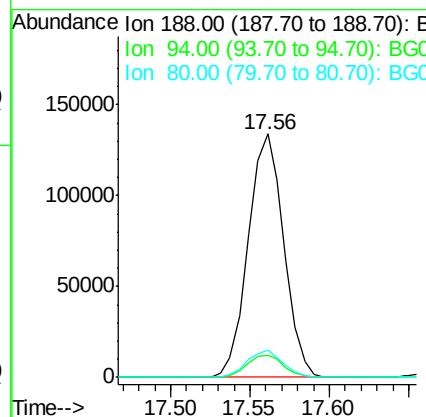
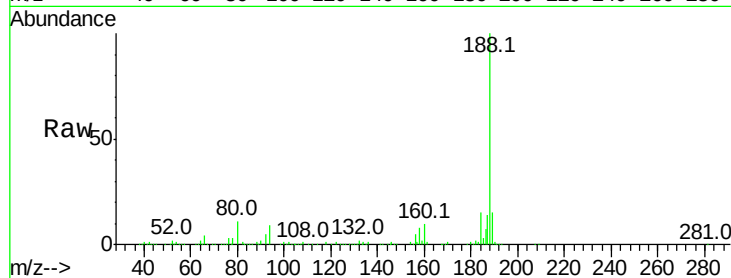
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	208277		
94	9.0		7.5	11.3
80	11.0		8.6	13.0

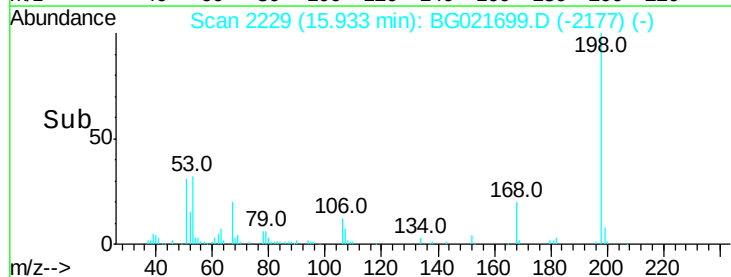
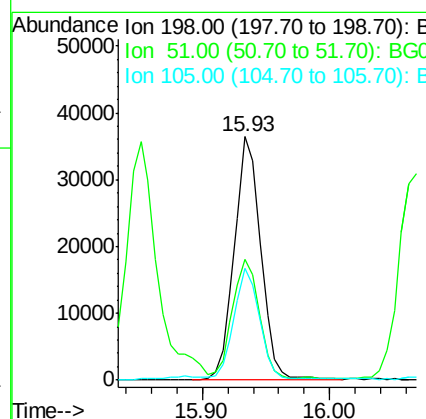
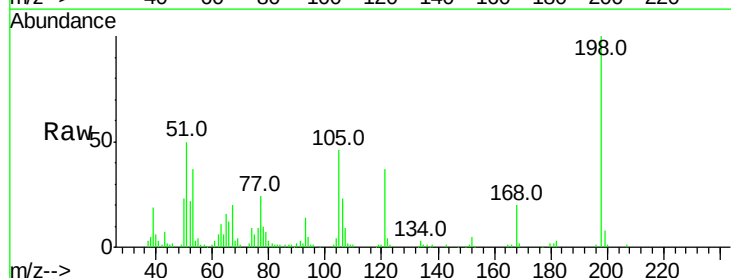
Manual Integrations
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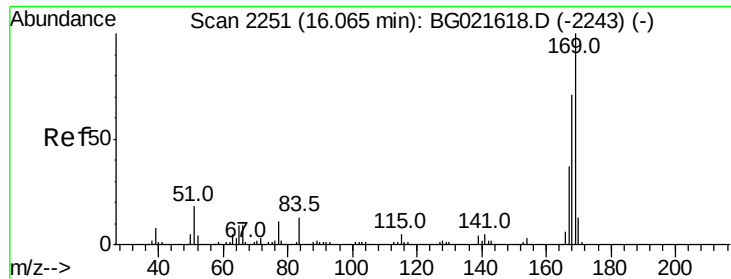
Sohil
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 59.13 ng
 RT: 15.93 min Scan# 2229
 Delta R.T. 0.00 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	52513		
51	49.8		29.2	69.2
105	45.7		24.0	64.0





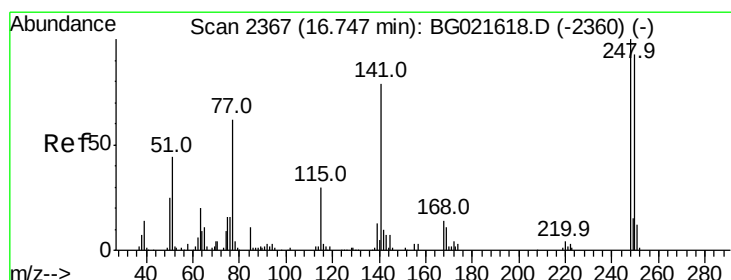
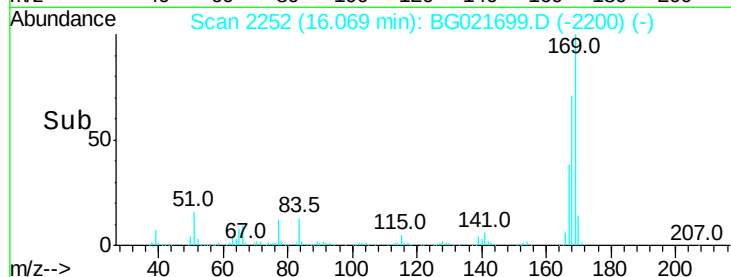
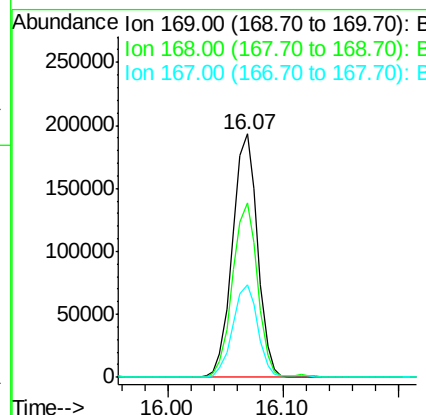
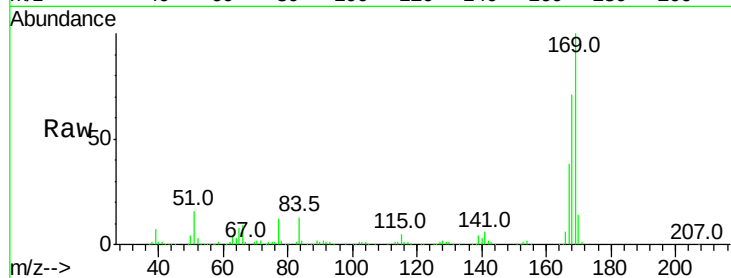
#65
n-Nitrosodiphenylamine
Concen: 46.35 ng
RT: 16.07 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
169	100	289547		
168	71.5	59.6	89.4	
167	38.2	31.2	46.8	

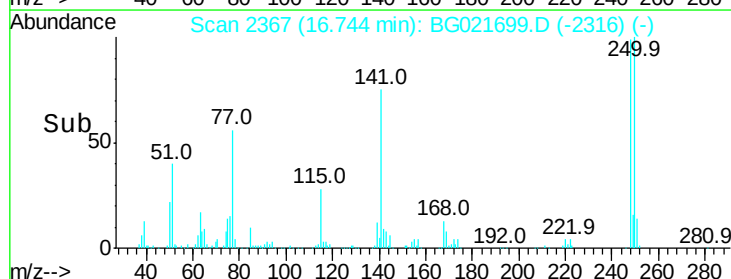
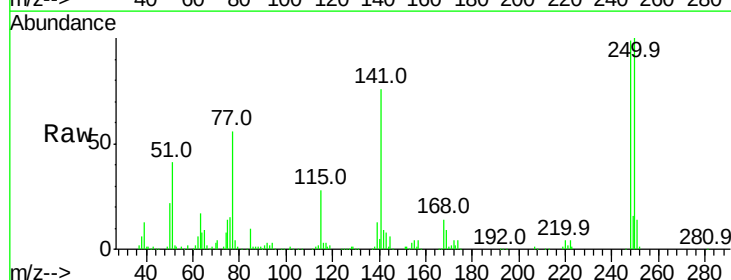
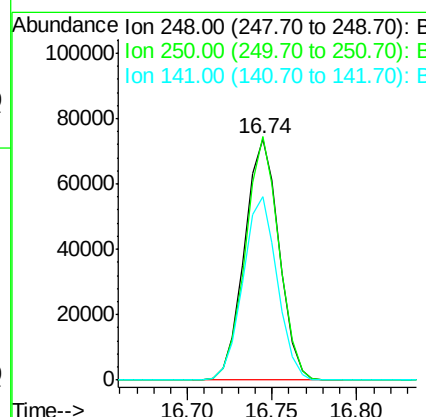
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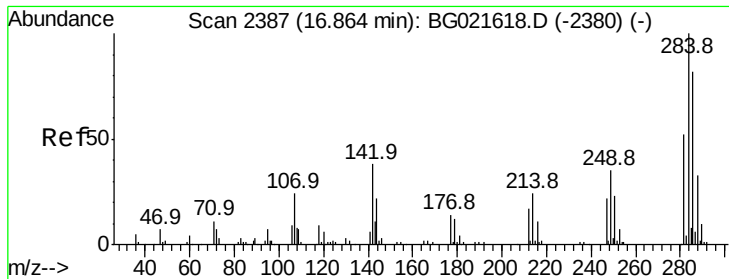
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 47.15 ng
RT: 16.74 min Scan# 2367
Delta R.T. -0.00 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	105206		
250	101.0	76.6	114.8	
141	76.3	63.8	95.6	





#67

Hexachlorobenzene

Concen: 46.53 ng

RT: 16.86 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA_G

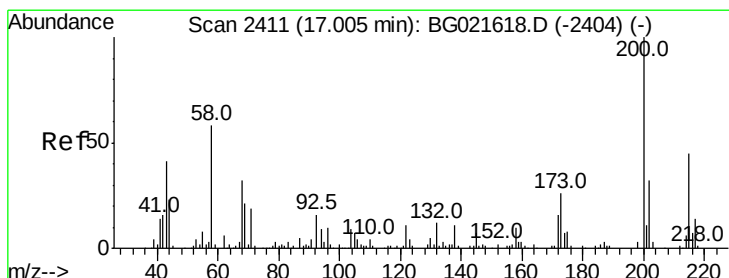
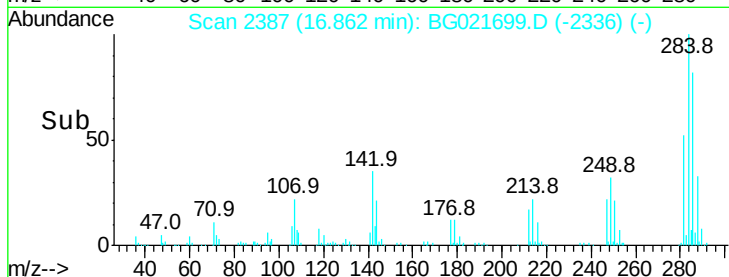
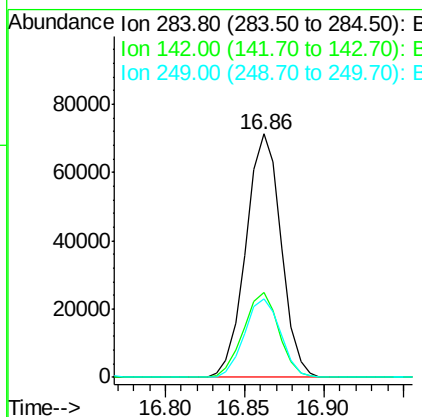
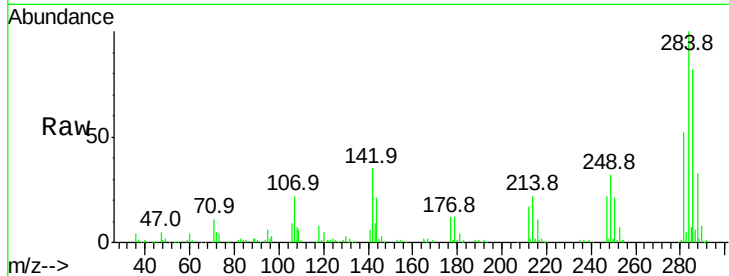
ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion:	284	Resp:	109604
Ion Ratio	Lower	Upper	
284	100		
142	34.6	31.8	47.6
249	32.3	27.3	40.9

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#68

Atrazine

Concen: 45.90 ng

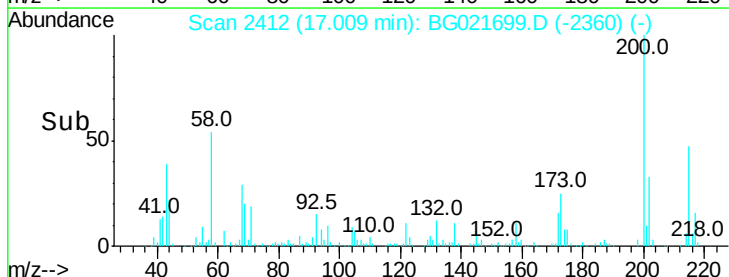
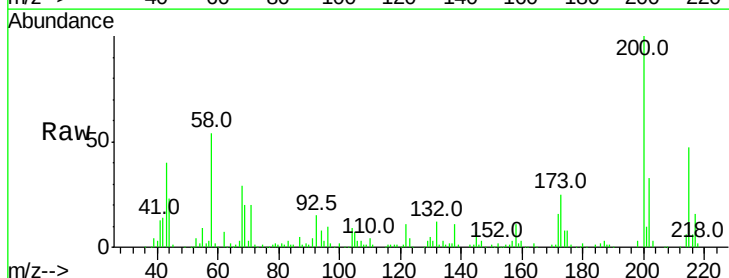
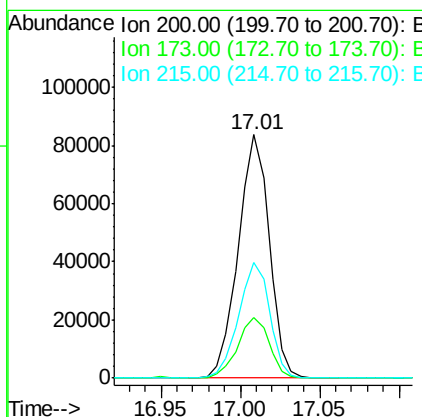
RT: 17.01 min Scan# 2412

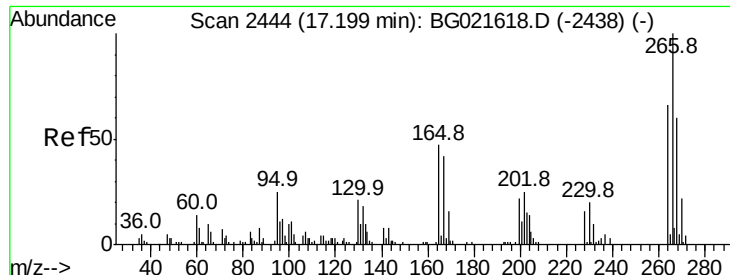
Delta R.T. 0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Tgt Ion:	200	Resp:	113225
Ion Ratio	Lower	Upper	
200	100		
173	25.0	5.1	45.1
215	47.5	28.0	68.0





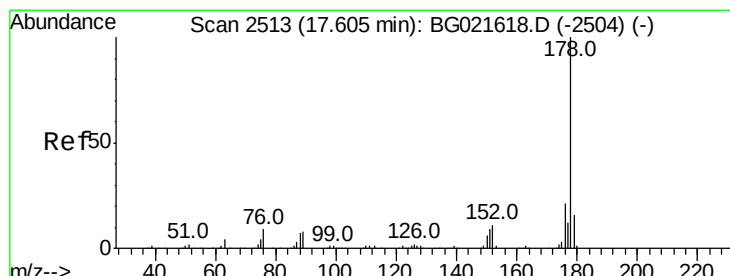
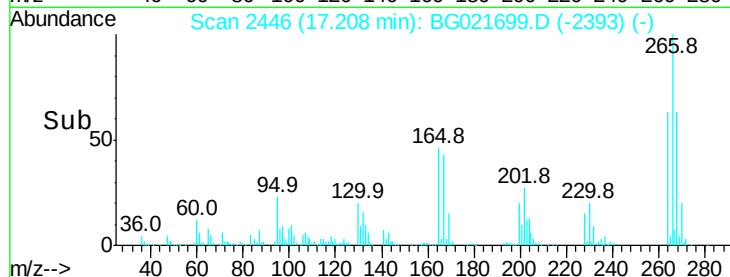
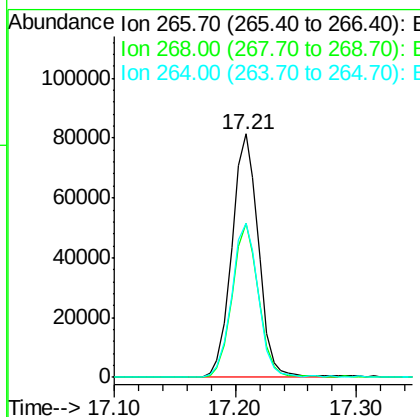
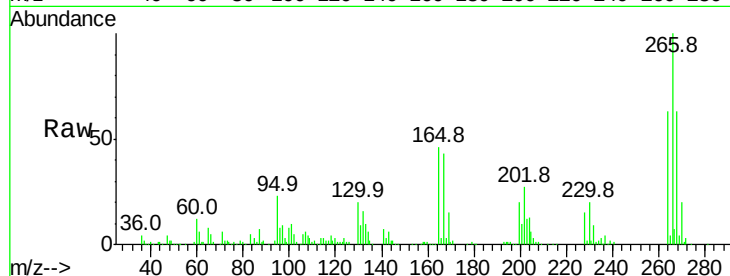
#69
 Pentachlorophenol
 Concen: 92.84 ng
 RT: 17.21 min Scan# 2446
 Delta R.T. 0.01 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion:	266	Resp:	124854
Ion Ratio	Lower	Upper	
266	100		
268	63.5	54.5	81.7
264	63.3	53.8	80.6

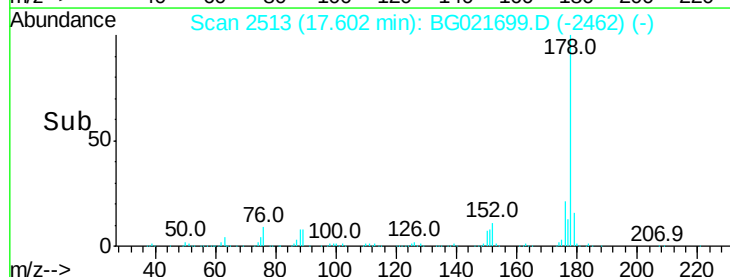
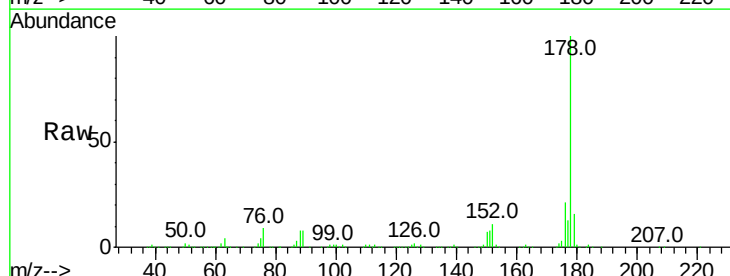
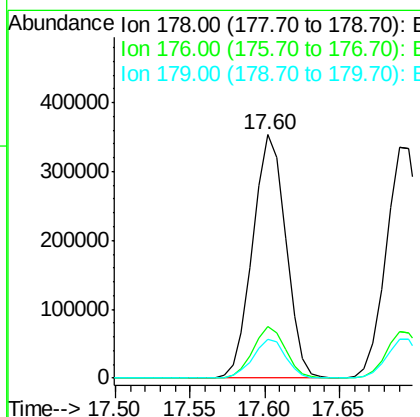
Manual Integrations
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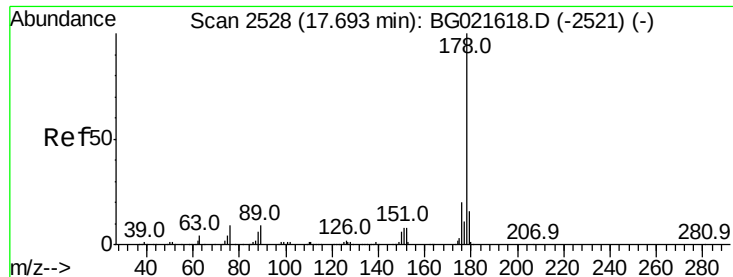
Sohil
 4/18/2016 7:19:00 PM



#70
 Phenanthrene
 Concen: 47.15 ng
 RT: 17.60 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Tgt Ion:	178	Resp:	541206
Ion Ratio	Lower	Upper	
178	100		
176	21.2	16.2	24.4
179	16.1	12.0	18.0





#71

Anthracene

Concen: 46.85 ng

RT: 17.69 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA_G

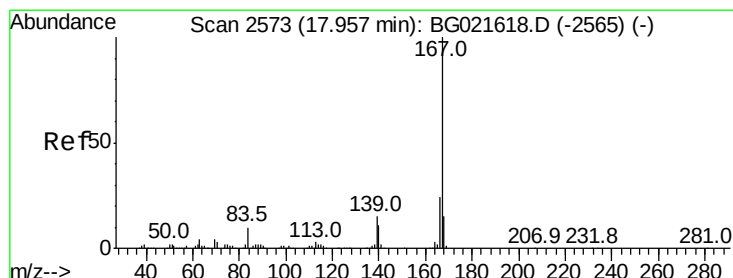
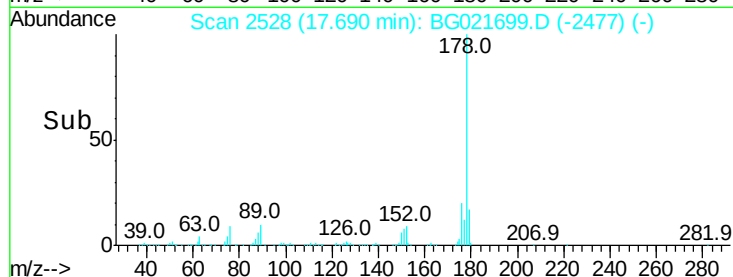
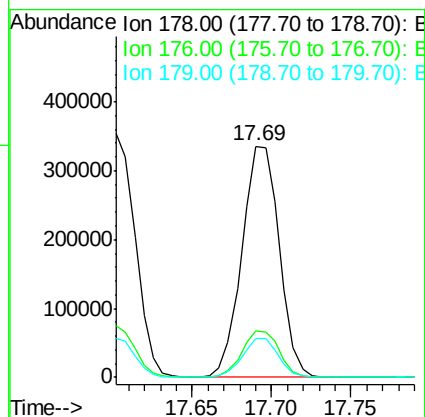
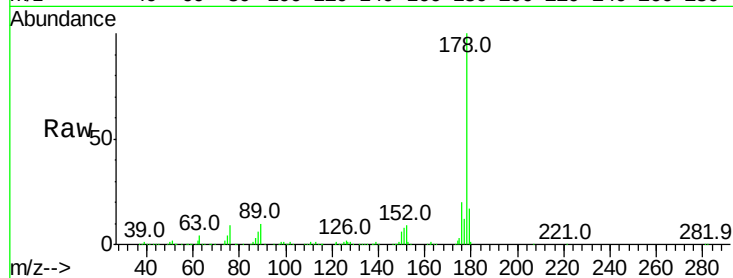
ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion:178	Resp:	545931
Ion Ratio	Lower	Upper
178 100		
176 20.2	15.0	22.4
179 16.7	12.2	18.4

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#72

Carbazole

Concen: 47.07 ng

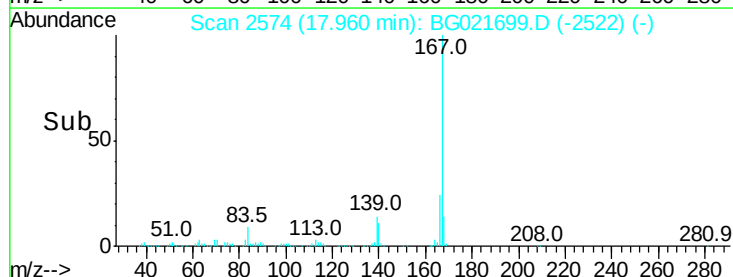
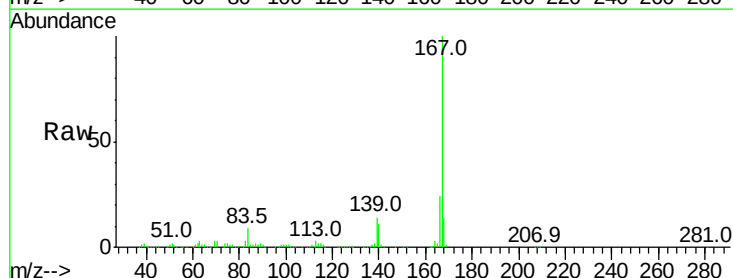
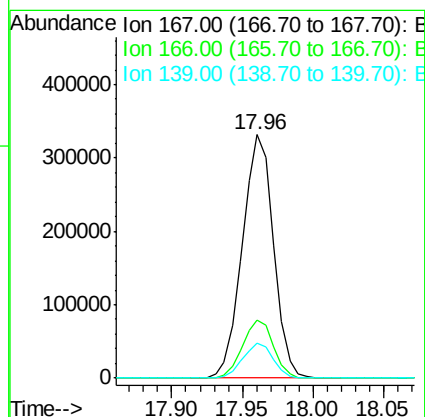
RT: 17.96 min Scan# 2574

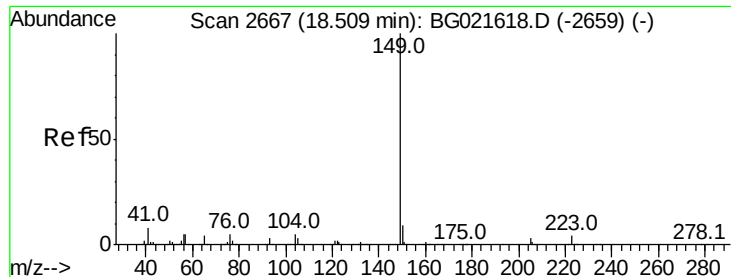
Delta R.T. 0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Tgt Ion:167	Resp:	511917
Ion Ratio	Lower	Upper
167 100		
166 23.8	18.6	27.8
139 14.2	10.6	15.8





#73

Di-n-butylphthalate

Concen: 45.81 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA_G

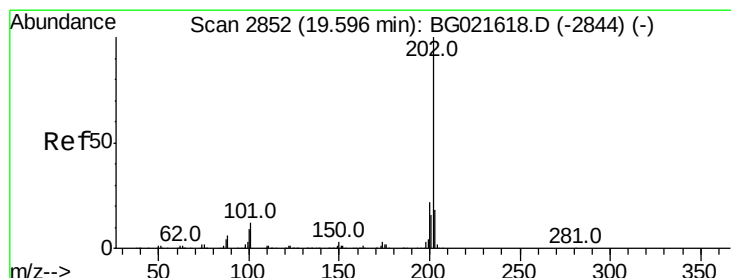
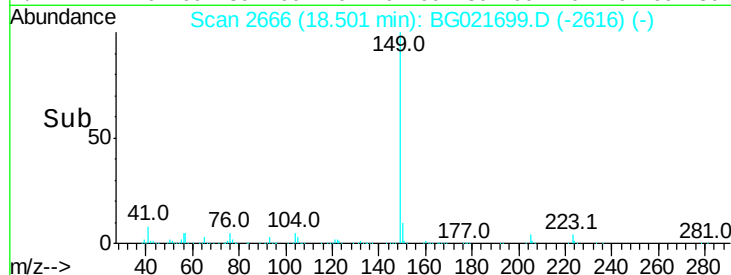
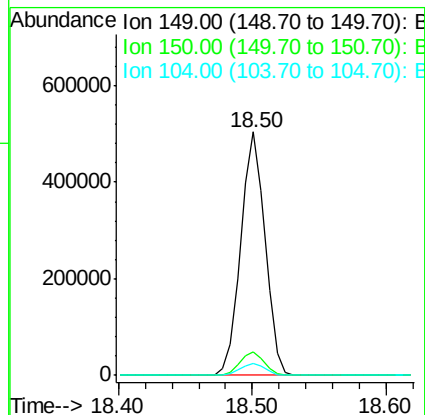
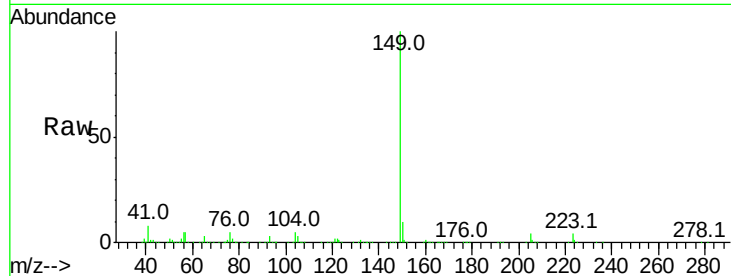
ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion:	149	Resp:	633762
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.4	11.0
104	4.8	4.0	6.0

Manual Integrations
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4/18/2016 7:19:00 PM



#74

Fluoranthene

Concen: 45.51 ng

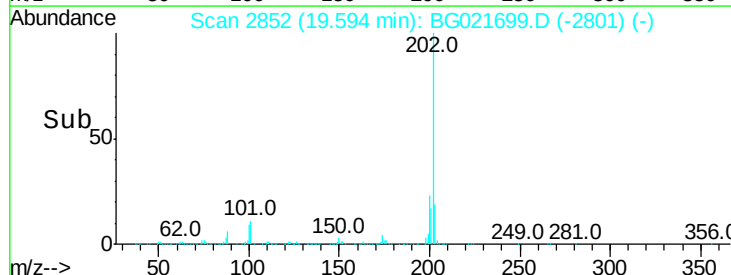
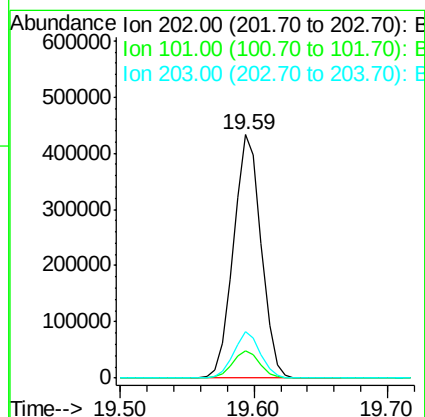
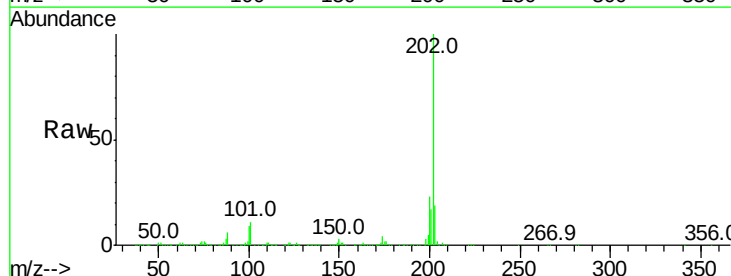
RT: 19.59 min Scan# 2852

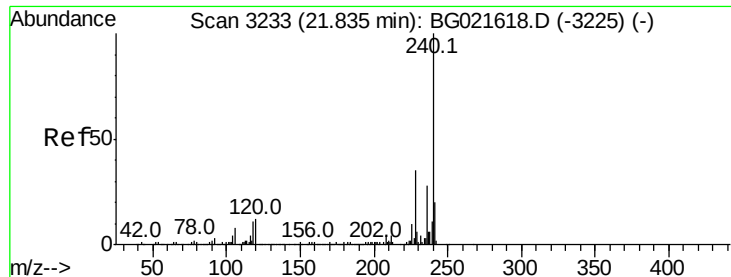
Delta R.T. -0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Tgt Ion:	202	Resp:	623749
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	31.0
203	18.9	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3233

Delta R.T. -0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA_G

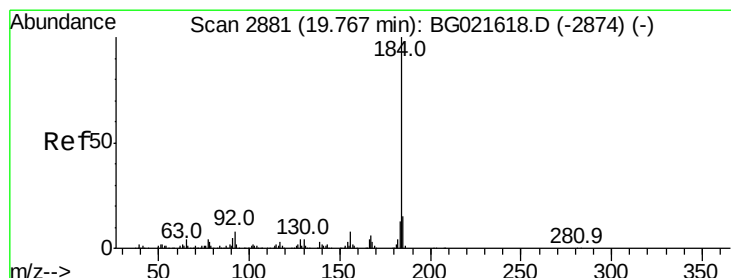
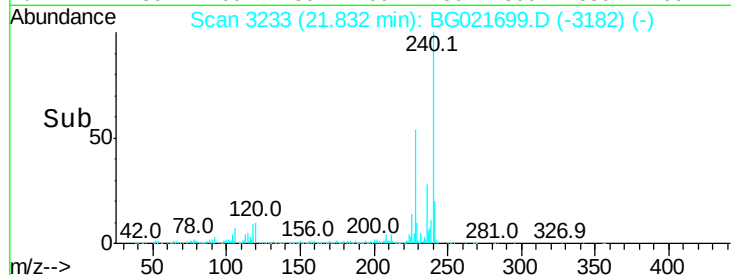
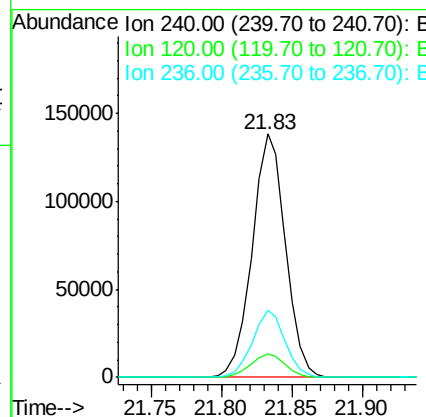
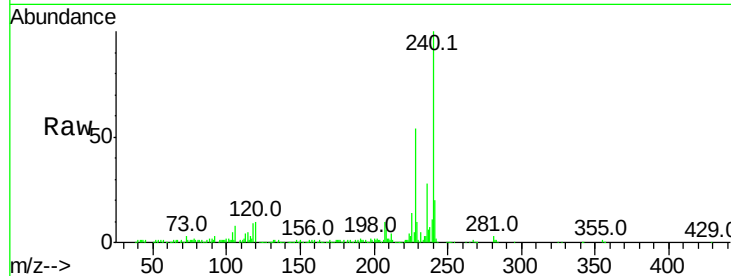
ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion:	240	Resp:	228677
Ion Ratio	Lower	Upper	
240	100		
120	9.8	8.4	12.6
236	27.5	19.6	29.4

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#76

Benzidine

Concen: 4.09 ng

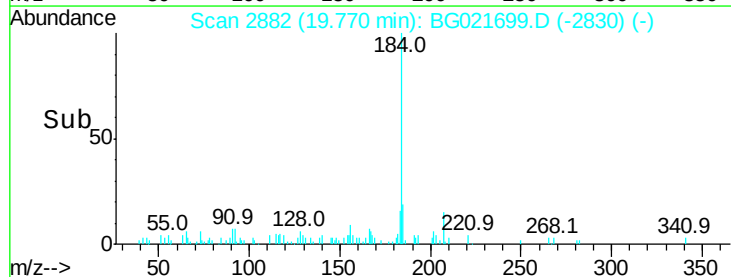
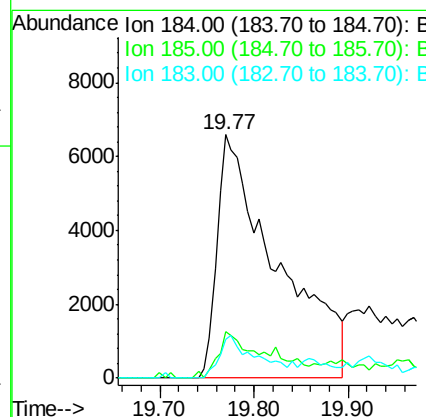
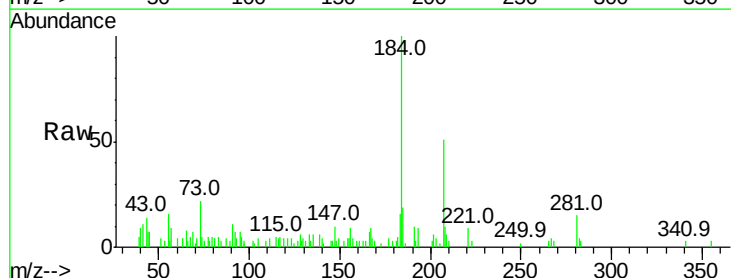
RT: 19.77 min Scan# 2882

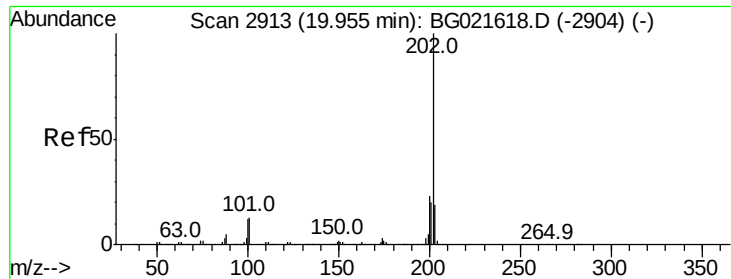
Delta R.T. 0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Tgt Ion:	184	Resp:	29115
Ion Ratio	Lower	Upper	
184	100		
185	19.1	11.5	17.3#
183	15.9	10.2	15.4#





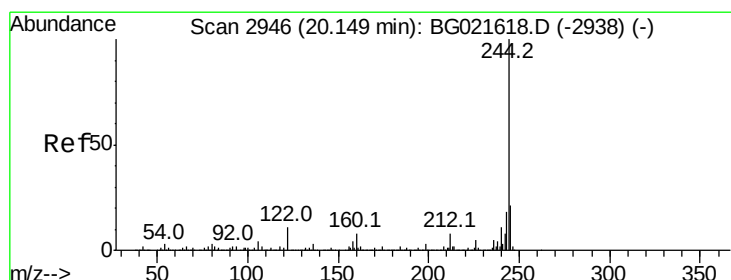
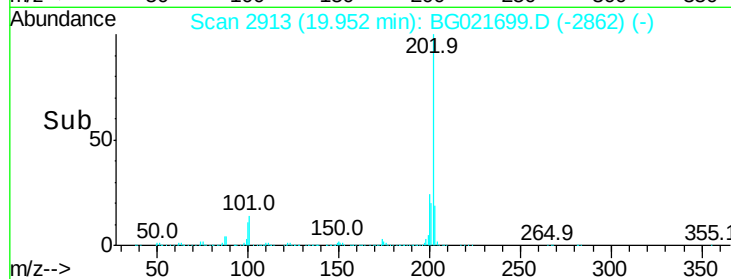
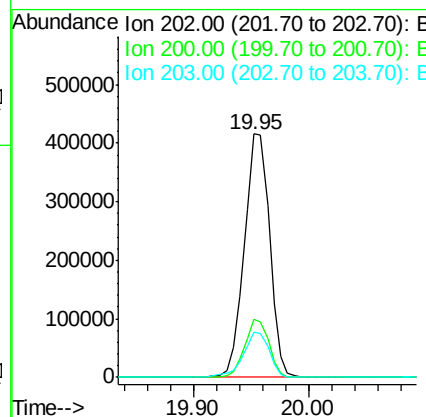
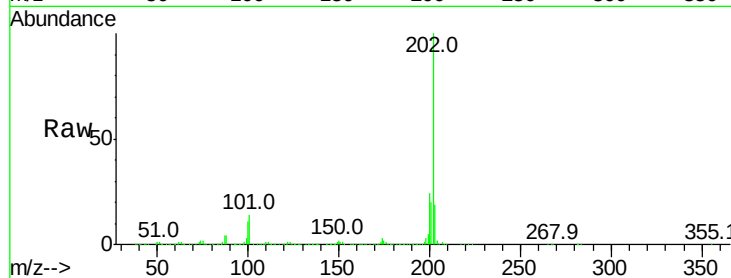
#77
Pvrene
Concen: 48.08 ng
RT: 19.95 min Scan# 2913
Delta R.T. -0.00 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	23.9	18.2	27.2	
203	18.6	15.0	22.4	

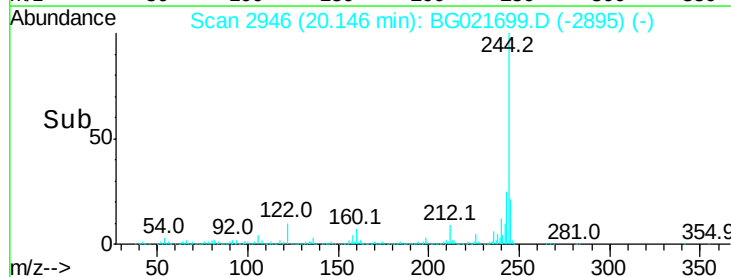
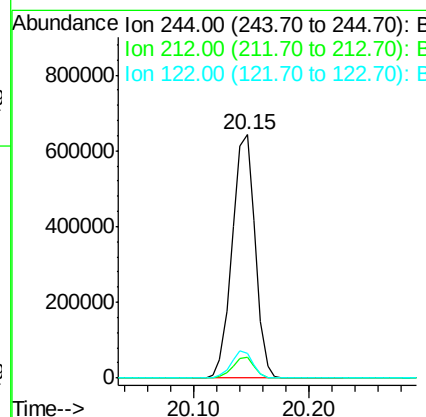
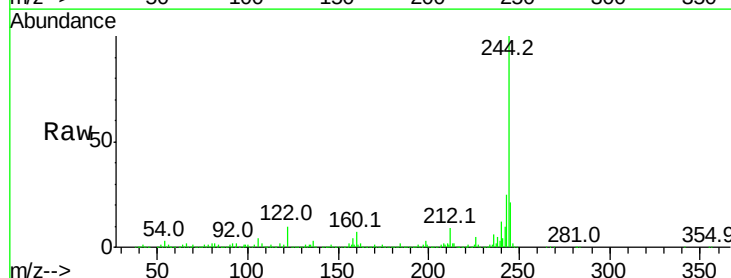
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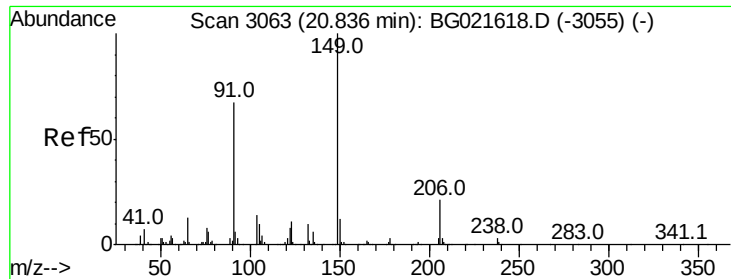
Sohil
4/18/2016 7:19:00 PM



#78
Terphenyl-d14
Concen: 96.14 ng
RT: 20.15 min Scan# 2946
Delta R.T. -0.00 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	8.6	6.5	9.7	
122	10.3	8.6	12.8	





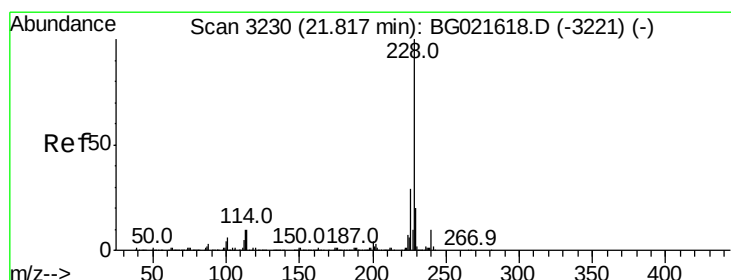
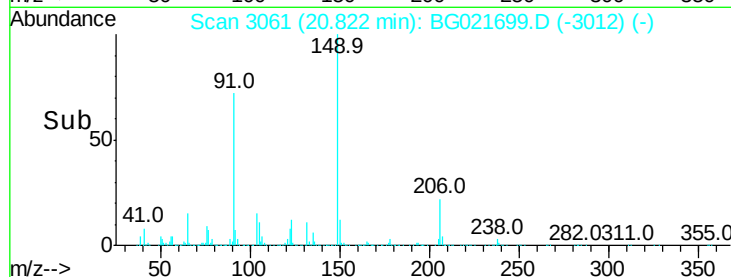
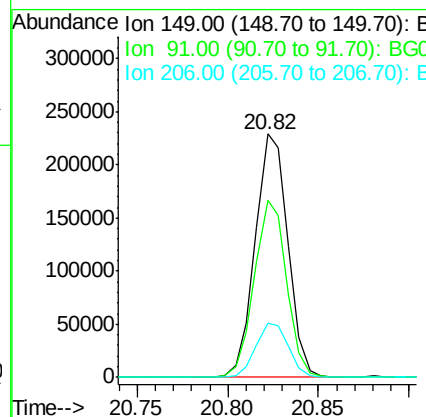
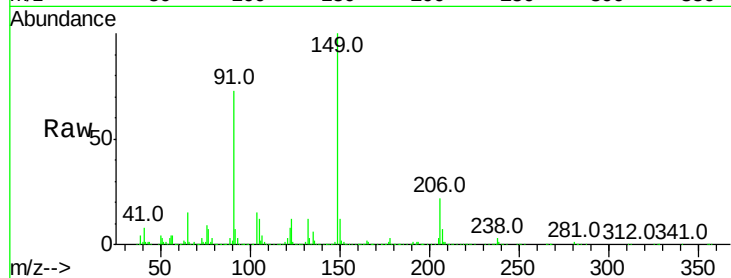
#79
Butylbenzylphthalate
Concen: 47.03 ng
RT: 20.82 min Scan# 3061
Delta R.T. -0.01 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.6	57.8	86.8
206	22.2	17.0	25.4

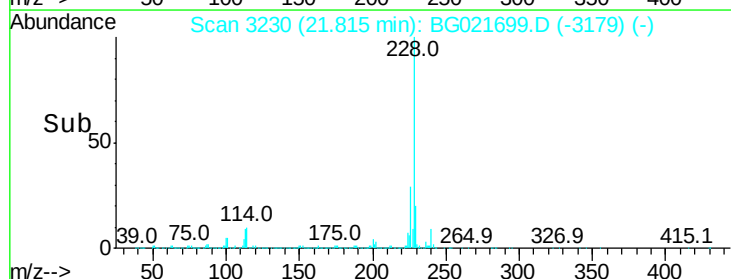
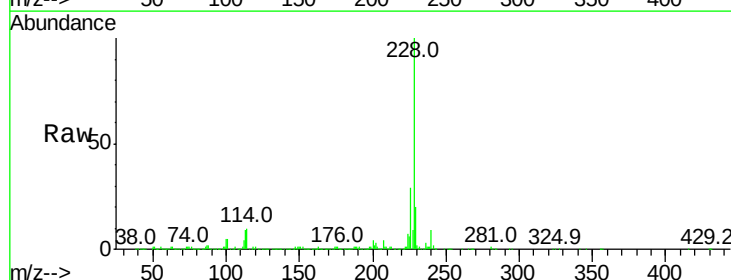
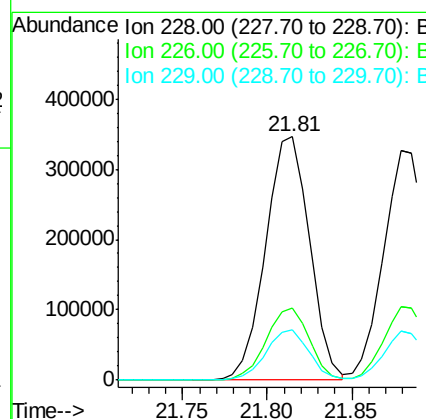
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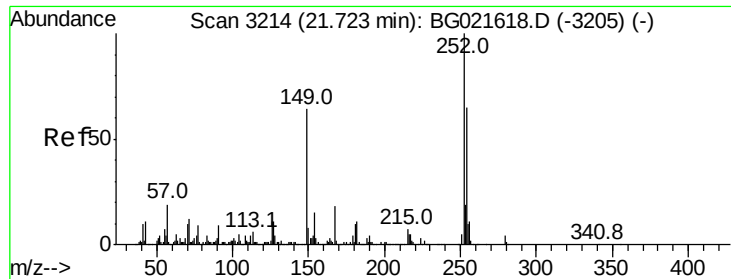
Sohil
4/18/2016 7:19:00 PM



#80
Benzo(a)anthracene
Concen: 47.34 ng
RT: 21.81 min Scan# 3230
Delta R.T. -0.00 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	34.0
229	20.5	16.1	24.1





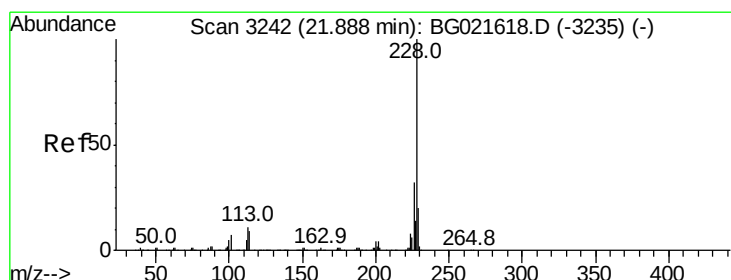
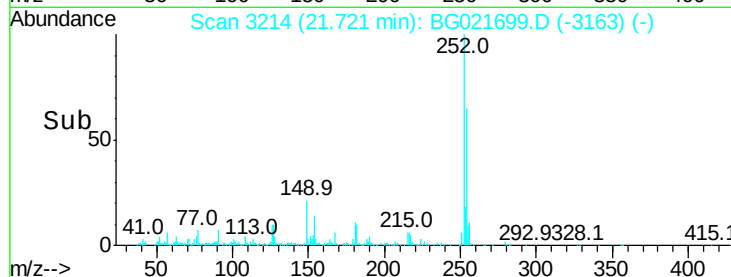
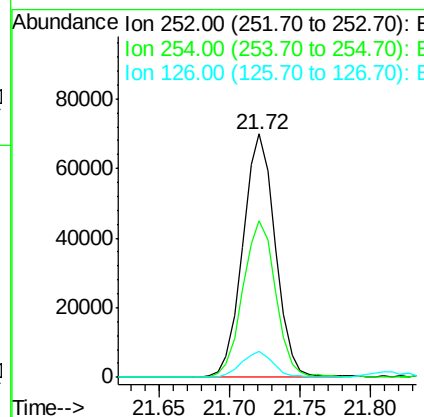
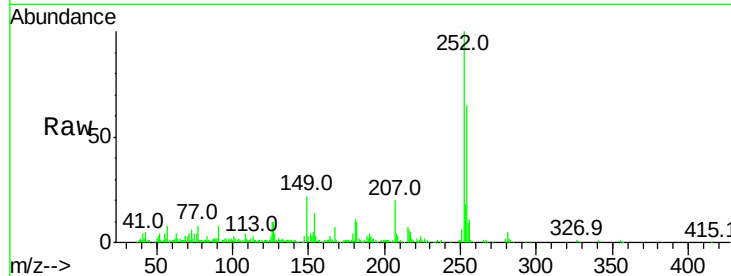
#81
 3,3'-Dichlorobenzidine
 Concen: 10.82 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
252	100	112746		
254	64.5	51.8	77.6	
126	10.5	8.8	13.2	

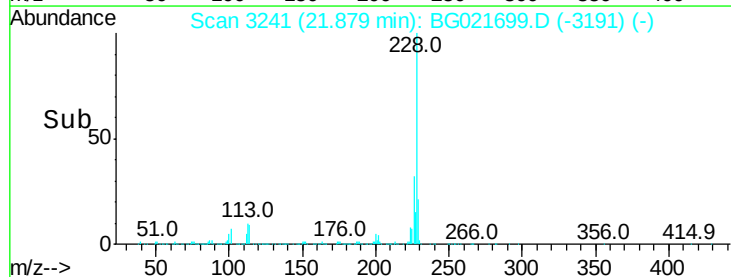
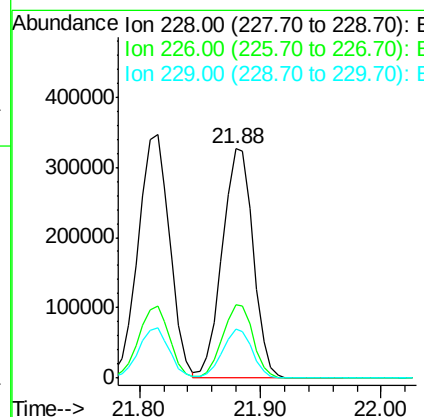
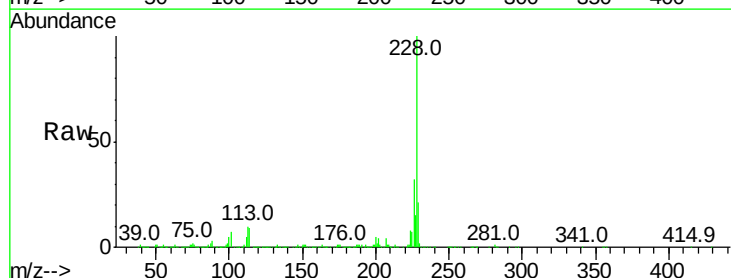
Manual Integrations
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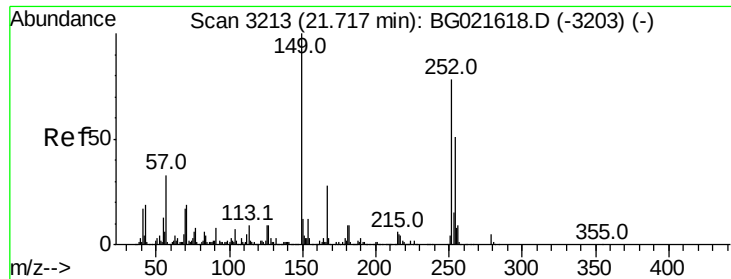
Sohil
 4/18/2016 7:19:00 PM



#82
 Chrysene
 Concen: 45.54 ng
 RT: 21.88 min Scan# 3241
 Delta R.T. -0.01 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	575811		
226	32.0	25.4	38.0	
229	21.5	15.9	23.9	





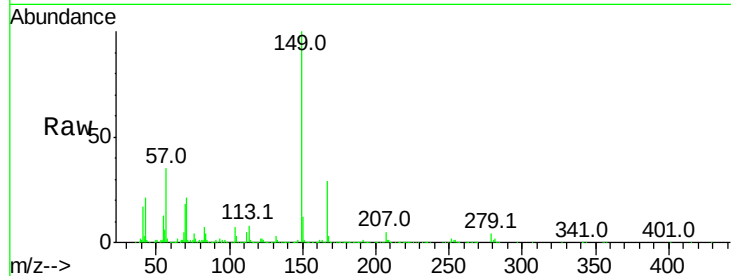
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.93 ng
 RT: 21.70 min Scan# 3210
 Delta R.T. -0.02 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

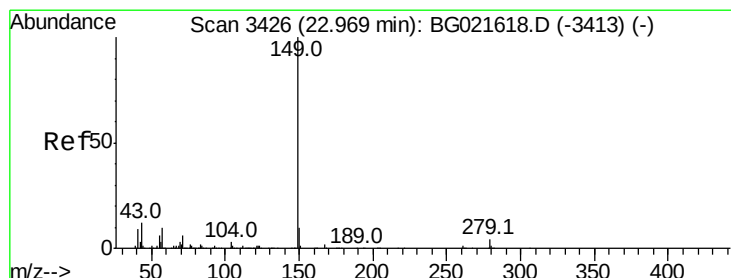
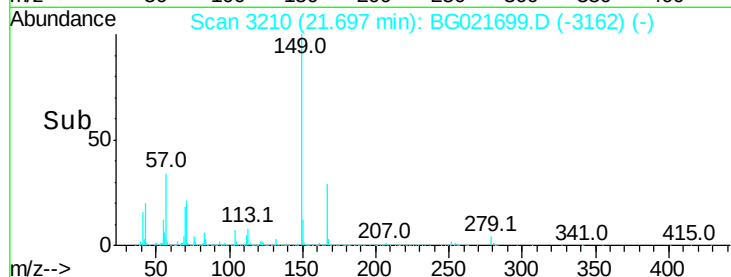
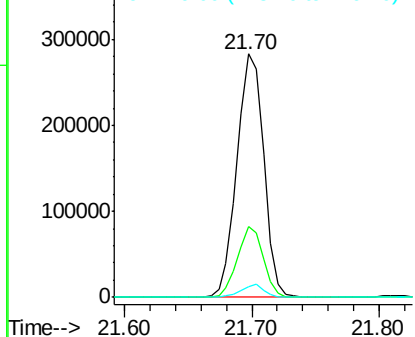
Tot Ion	Ratio	Resp	Lower	Upper
149	100	411213		
167	28.9	22.4	33.6	
279	4.4	3.2	4.8	

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 4/18/2016 7:19:00 PM

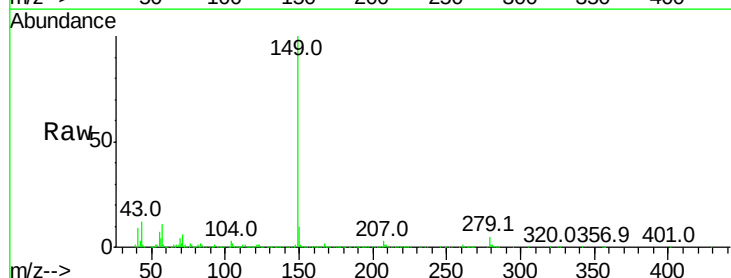


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

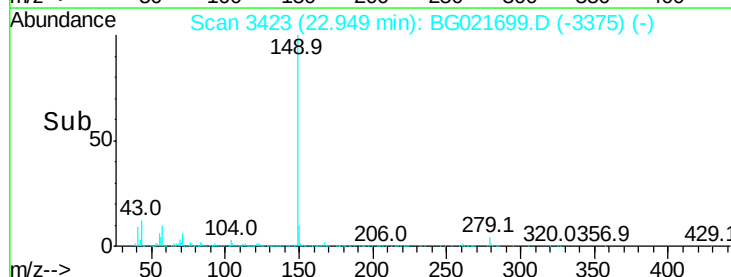
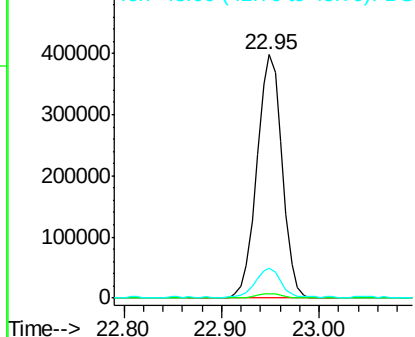


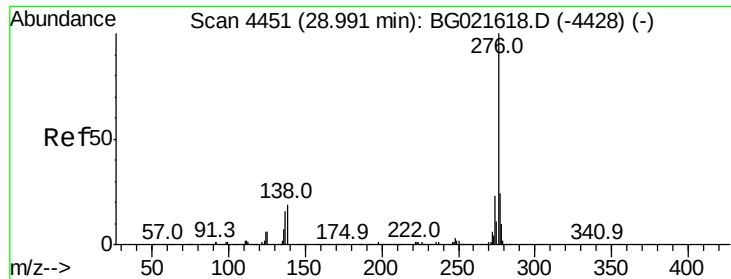
#84
 Di-n-octyl phthalate
 Concen: 47.62 ng
 RT: 22.95 min Scan# 3423
 Delta R.T. -0.02 min
 Lab File: BG021699.D
 Acq: 15 Apr 2016 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	714182		
167	1.8	1.3	1.9	
43	11.7	9.8	14.6	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGO





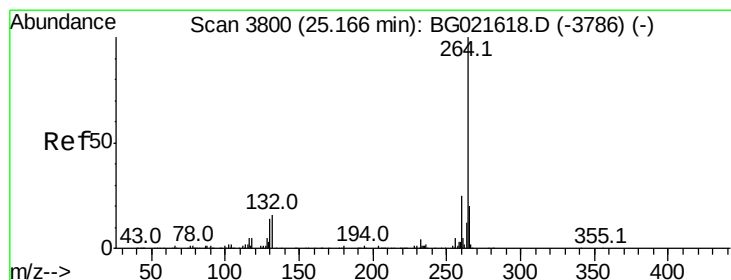
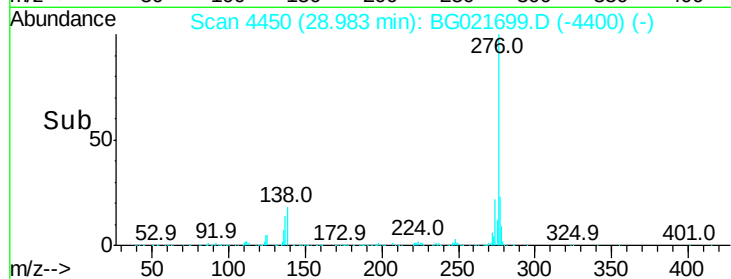
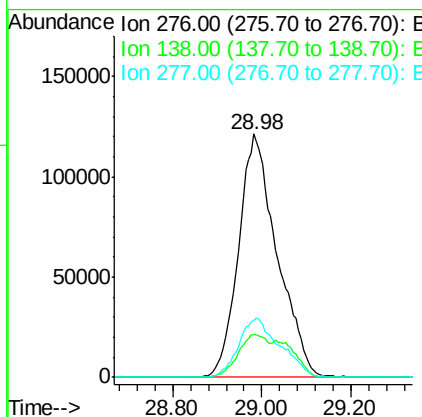
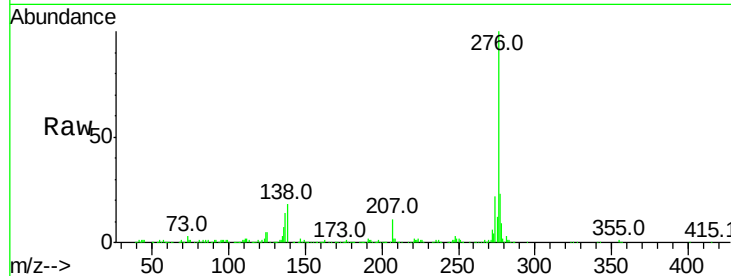
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.30 ng
RT: 28.98 min Scan# 4450
Delta R.T. -0.01 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.6	14.0	21.0#
277	26.2	20.6	30.8

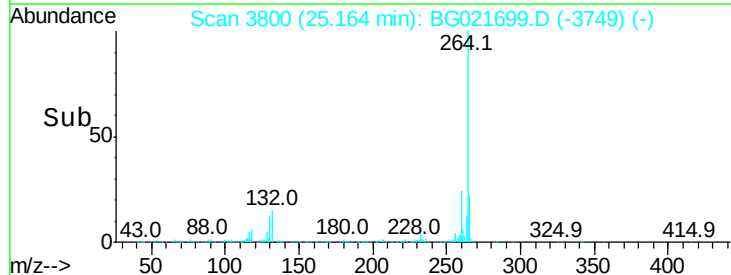
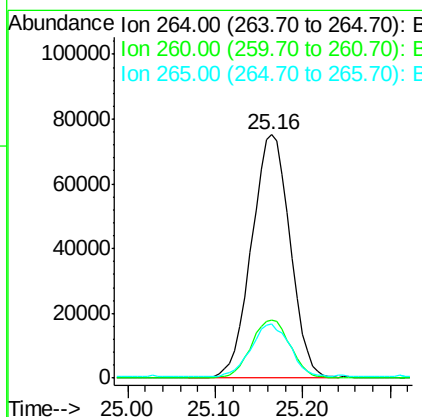
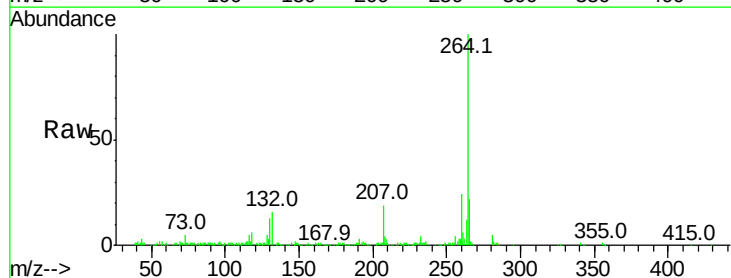
Manual Integrations
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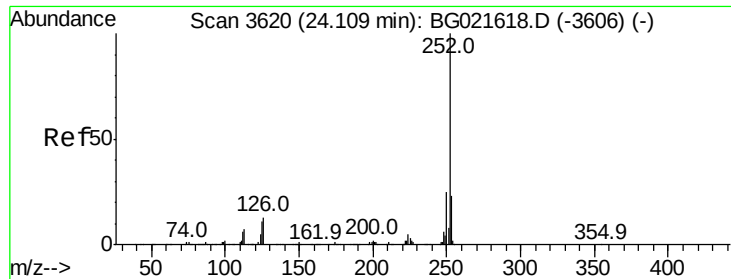
Sohil
4/18/2016 7:19:00 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3800
Delta R.T. -0.00 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.2	30.4
265	22.5	17.8	26.8





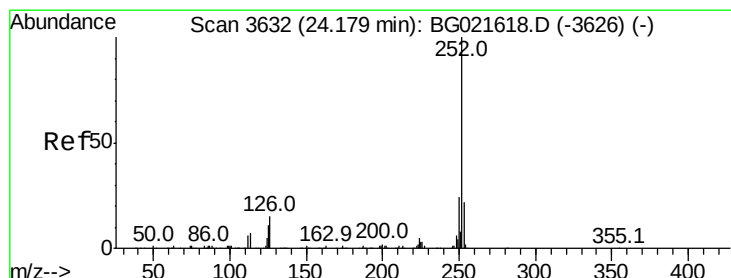
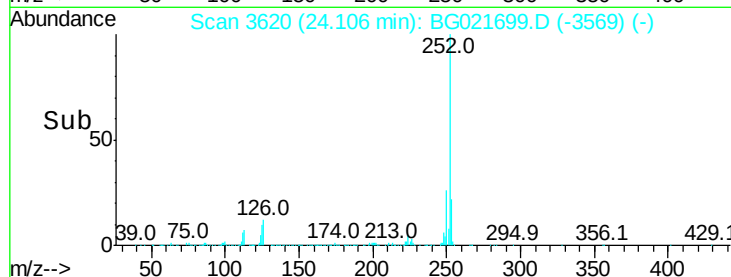
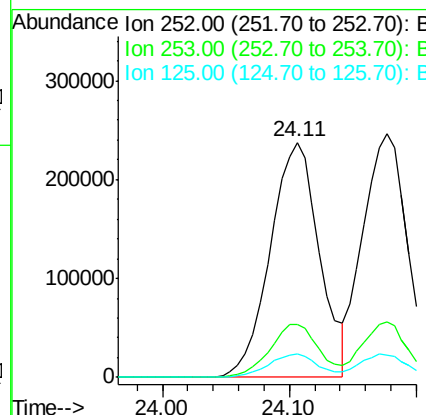
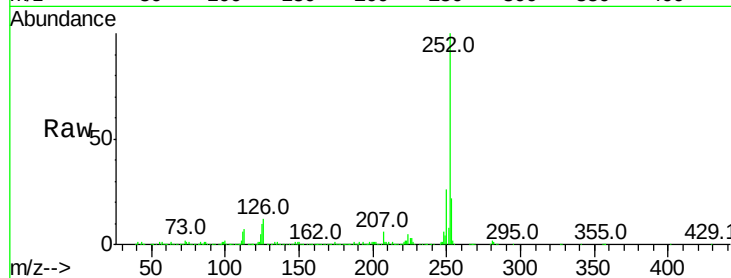
#87
Benzo(b)fluoranthene
Concen: 48.66 ng
RT: 24.11 min Scan# 3620
Delta R.T. -0.00 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.8	8.6	13.0

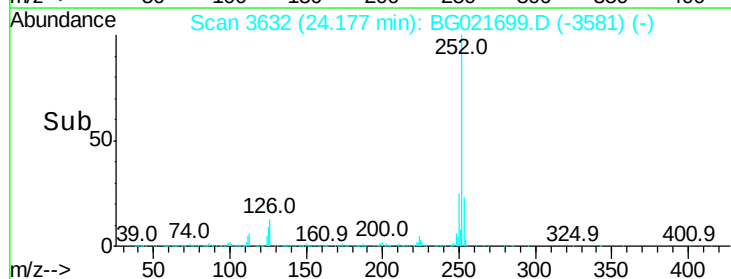
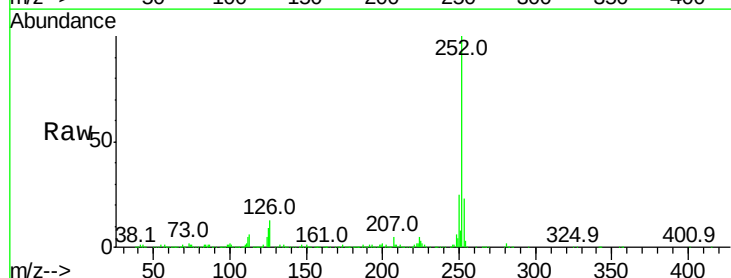
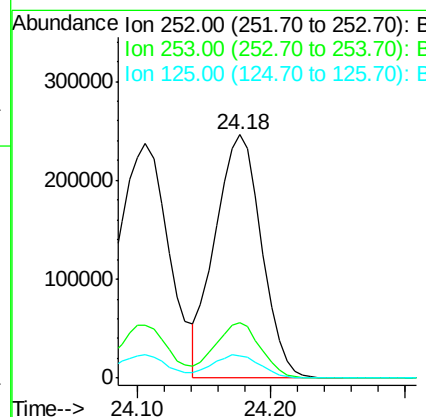
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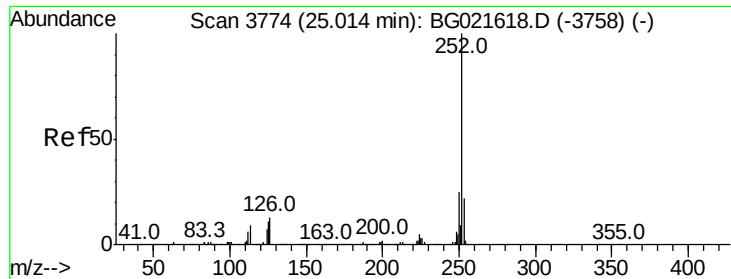
Sohil
4/18/2016 7:19:00 PM



#88
Benzo(k)fluoranthene
Concen: 46.37 ng
RT: 24.18 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	9.3	8.3	12.5





#89

Benzo(a)pyrene

Concen: 47.90 ng

RT: 25.01 min Scan# 3774

Delta R.T. -0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA_G

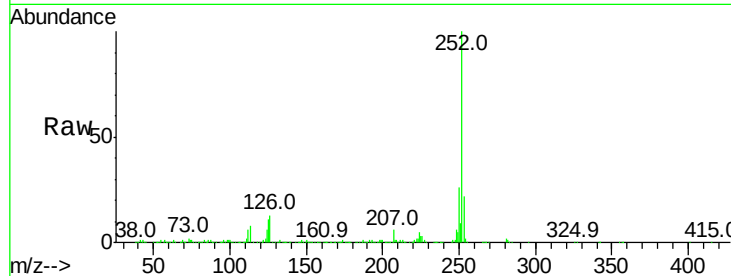
ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

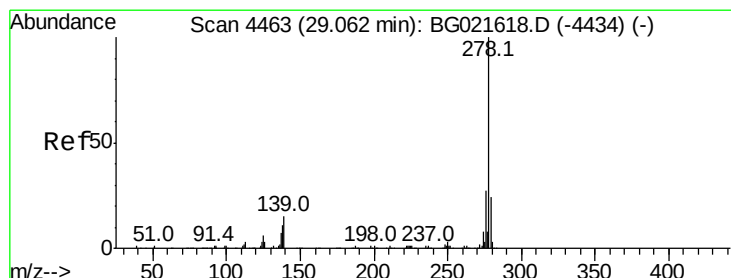
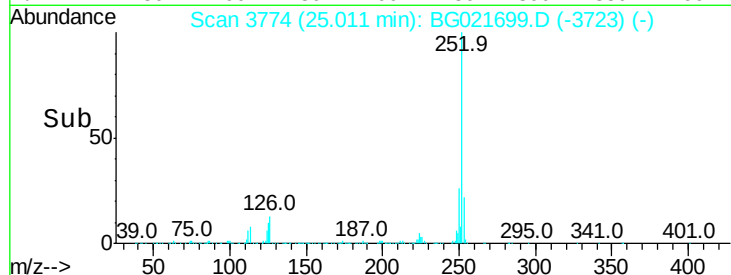
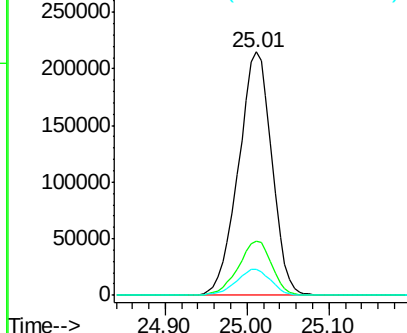
Tot Ion:	252	Resp:	609856
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.1	25.7
125	10.5	9.6	14.4

Manual Integrations
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4/18/2016 7:19:00 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.70 ng

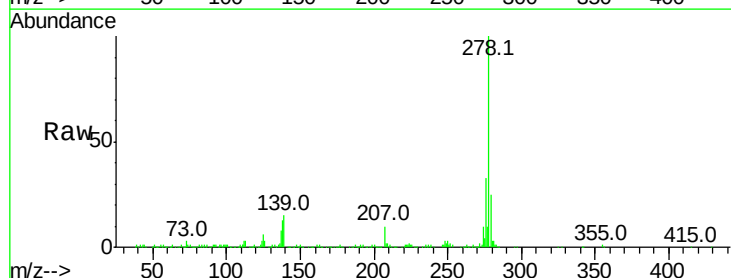
RT: 29.05 min Scan# 4462

Delta R.T. -0.01 min

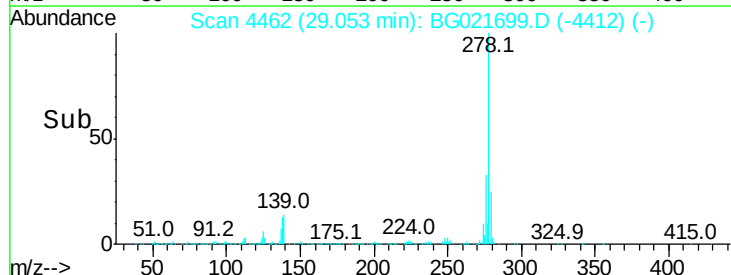
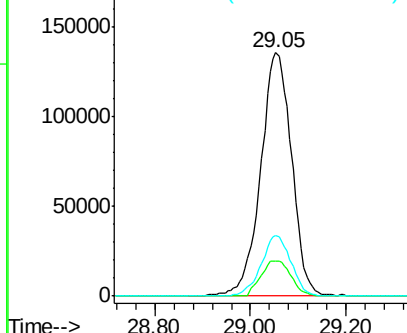
Lab File: BG021699.D

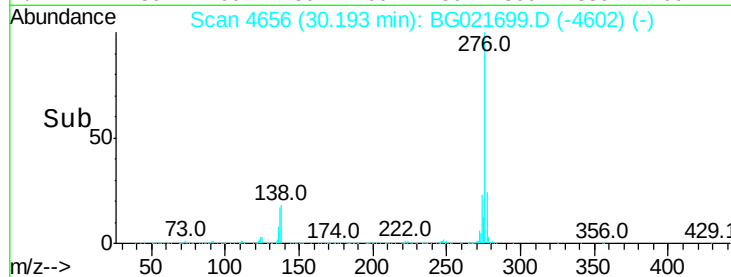
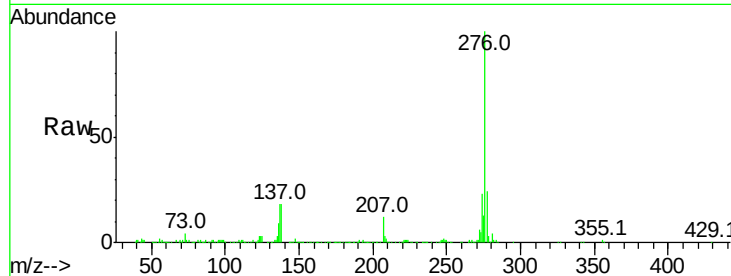
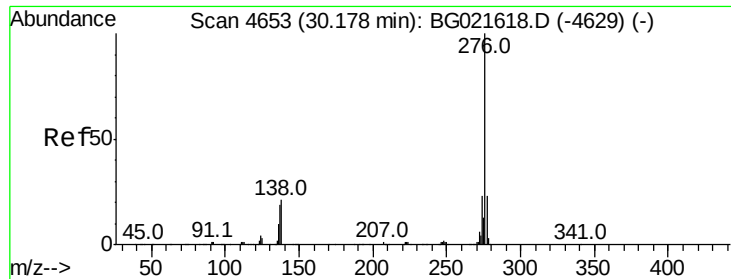
Acq: 15 Apr 2016 23:54

Tgt Ion:	278	Resp:	608820
Ion Ratio	Lower	Upper	
278	100		
139	14.6	11.9	17.9
279	24.6	18.2	27.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
Benzo(a,h,i)perylene
Concen: 47.52 ng
RT: 30.19 min Scan# 4656
Delta R.T. 0.02 min
Lab File: BG021699.D
Acq: 15 Apr 2016 23:54

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.2
138	18.2	17.4	26.0

Manual Integrations
APPROVED

Sohil
4/18/2016 7:19:00 PM

