

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
 Data File : BG021713.D
 Acq On : 16 Apr 2016 12:03
 Operator : UM/SJ
 Sample : H2559-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 4/18/2016 7:21:52 PM

Quant Time: Apr 18 02:19:06 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	8.22	152	27170	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	121815	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	77003	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	178027	20.00	ng	0.00
75) Chrysene-d12	21.83	240	192063	20.00	ng	0.00
86) Perylene-d12	25.17	264	192610	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	223200	136.80	ng	0.01
7) Phenol-d6	7.37	99	324723	133.24	ng	0.02
23) Nitrobenzene-d5	9.38	82	198267	83.66	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	126467	152.39	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	420582	80.03	ng	0.00
78) Terphenyl-d14	20.14	244	598533	77.76	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	21408	29.48	ng	# 78
3) Pyridine	4.04	79	68772	31.56	ng	91
4) n-Nitrosodimethylamine	3.95	42	39014	36.12	ng	# 82
6) Aniline	7.54	93	53098	16.47	ng	96
8) 2-Chlorophenol	7.78	128	83149	42.51	ng	95
9) Benzaldehyde	7.35	77	22854	16.22	ng	92
10) Phenol	7.40	94	115011	43.88	ng	97
11) bis(2-Chloroethyl)ether	7.63	93	77898	37.13	ng	95
12) 1,3-Dichlorobenzene	8.10	146	83575	38.26	ng	94
13) 1,4-Dichlorobenzene	8.26	146	86012	38.68	ng	94
14) 1,2-Dichlorobenzene	8.57	146	84446	39.58	ng	98
15) Benzyl Alcohol	8.46	79	83440	44.80	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.74	45	153655	34.19	ng	98
17) 2-Methylphenol	8.66	107	76159	42.02	ng	92
18) Hexachloroethane	9.30	117	31294	38.66	ng	# 76
19) n-Nitroso-di-n-propylamine	9.02	70	67621	35.71	ng	97
20) 3+4-Methylphenols	8.98	107	104998	42.34	ng	95
22) Acetophenone	9.04	105	126084	37.16	ng	# 99
24) Nitrobenzene	9.43	77	98574	38.85	ng	95
25) Isophorone	9.95	82	190403	36.71	ng	98
26) 2-Nitrophenol	10.14	139	45495	46.96	ng	96
27) 2,4-Dimethylphenol	10.20	122	81518	37.04	ng	99
28) bis(2-Chloroethoxy)methane	10.42	93	111017	40.28	ng	92
29) 2,4-Dichlorophenol	10.68	162	85581	45.61	ng	99
30) 1,2,4-Trichlorobenzene	10.89	180	84977	42.12	ng	93
31) Naphthalene	11.08	128	260600	39.97	ng	# 93
32) Benzoic acid	10.26	122	7966	11.32	ng	96
33) 4-Chloroaniline	11.19	127	39479	13.99	ng	98
34) Hexachlorobutadiene	11.36	225	53821	41.36	ng	95
35) Caprolactam	11.96	113	31196m	36.33	ng	
36) 4-Chloro-3-methylphenol	12.30	107	99439	42.14	ng	99
37) 2-Methylnaphthalene	12.67	142	190149	42.49	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	97394	40.47	ng	98
40) Hexachlorocyclopentadiene	13.01	237	73792	55.20	ng	97

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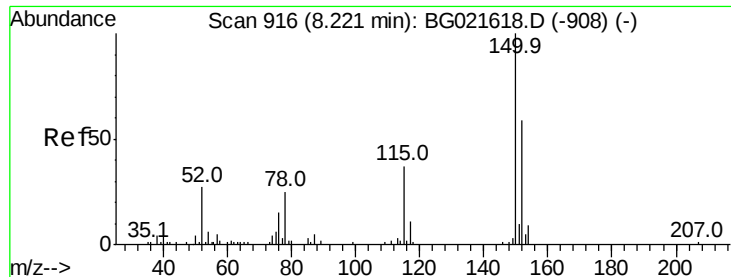
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	69890	45.54	nq	98
43) 2,4,5-Trichlorophenol	13.34	196	75029	45.31	nq	96
45) 1,1'-Biphenyl	13.66	154	246768	38.04	nq	96
46) 2-Chloronaphthalene	13.71	162	191861	40.00	nq	99
47) 2-Nitroaniline	13.91	65	71334	43.37	nq	97
48) Acenaphthylene	14.55	152	313958	39.59	nq	98
49) Dimethylphthalate	14.27	163	287162	43.13	nq	99
50) 2,6-Dinitrotoluene	14.40	165	55634	43.82	nq	97
51) Acenaphthene	14.89	154	204093	40.26	nq	98
52) 3-Nitroaniline	14.73	138	39983	28.40	nq	99
53) 2,4-Dinitrophenol	14.92	184	18272	41.38	nq	91
54) Dibenzofuran	15.22	168	305370	44.11	nq	96
55) 4-Nitrophenol	15.04	139	98593	81.78	nq	98
56) 2,4-Dinitrotoluene	15.18	165	78506	45.76	nq	# 99
57) Fluorene	15.86	166	253445	41.00	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	67920	49.44	nq	99
59) Diethylphthalate	15.62	149	260964	37.55	nq	97
60) 4-Chlorophenyl-phenylether	15.85	204	121694	39.96	nq	97
61) 4-Nitroaniline	15.88	138	56419	36.42	nq	96
62) Azobenzene	16.15	77	250198	42.01	nq	97
64) 4,6-Dinitro-2-methylphenol	15.94	198	24826	35.12	nq	93
65) n-Nitrosodiphenylamine	16.06	169	224923	42.13	nq	96
66) 4-Bromophenyl-phenylether	16.75	248	80686	42.30	nq	93
67) Hexachlorobenzene	16.86	284	85268	42.35	nq	94
68) Atrazine	17.00	200	86200	40.88	nq	99
69) Pentachlorophenol	17.21	266	91140	79.28	nq	93
70) Phenanthrene	17.60	178	397802	40.54	nq	98
71) Anthracene	17.69	178	402245	40.38	nq	98
72) Carbazole	17.96	167	370952	39.90	nq	99
73) Di-n-butylphthalate	18.50	149	441905	37.37	nq	98
74) Fluoranthene	19.60	202	439673	37.53	nq	100
76) Benzidine	19.77	184	181880	30.41	nq	99
77) Pyrene	19.96	202	449421	40.58	nq	98
79) Butylbenzylphthalate	20.82	149	200678	39.04	nq	97
80) Benzo(a)anthracene	21.82	228	448320	40.56	nq	99
81) 3,3'-Dichlorobenzidine	21.72	252	56584	6.47	nq	96
82) Chrysene	21.88	228	410010	38.61	nq	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	306140	40.72	nq	99
84) Di-n-octyl phthalate	22.94	149	513280	40.75	nq	99
85) Indeno(1,2,3-cd)pyrene	29.00	276	510237	40.42	nq	# 96
87) Benzo(b)fluoranthene	24.11	252	445117	39.83	nq	97
88) Benzo(k)fluoranthene	24.18	252	425342	38.92	nq	99
89) Benzo(a)pyrene	25.02	252	425072	39.26	nq	97
90) Dibenzo(a,h)anthracene	29.06	278	431821	39.77	nq	99
91) Benzo(g,h,i)perylene	30.20	276	411196	38.60	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.22 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021713.D

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Instrument :

BNA_G

ClientSampleId :

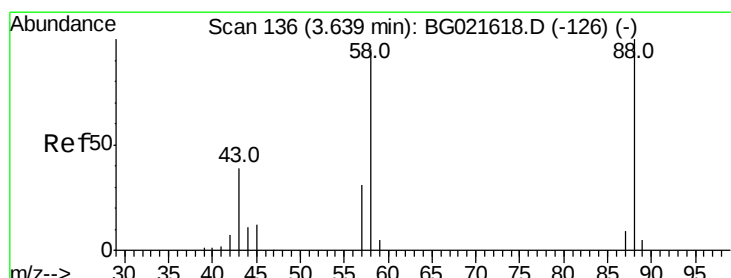
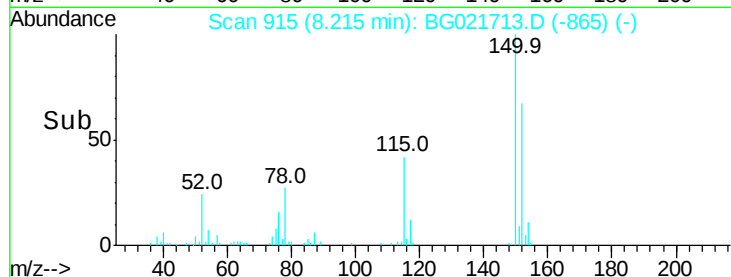
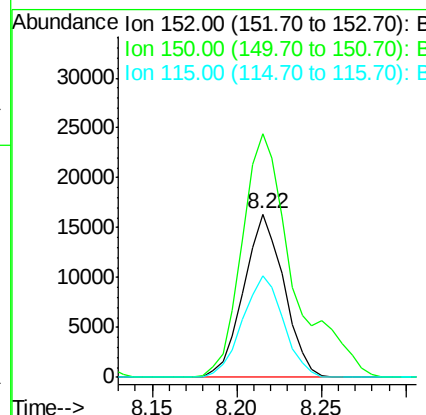
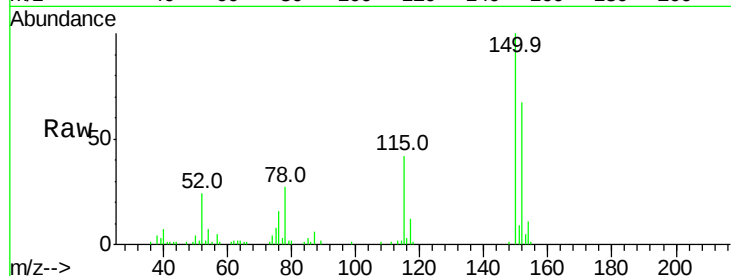
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Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	130.1	195.1
115	62.0	62.2	93.2#



#2

1,4-Dioxane

Concen: 29.48 ng

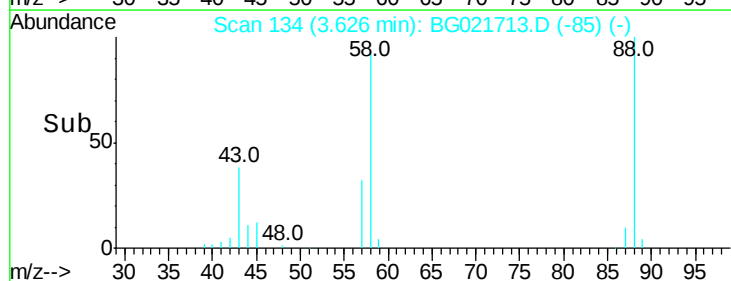
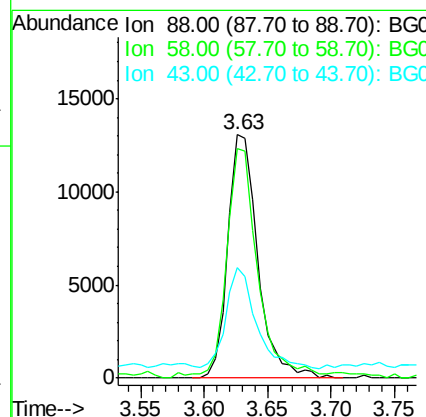
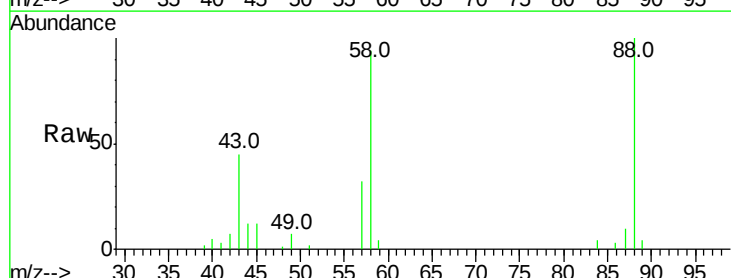
RT: 3.63 min Scan# 134

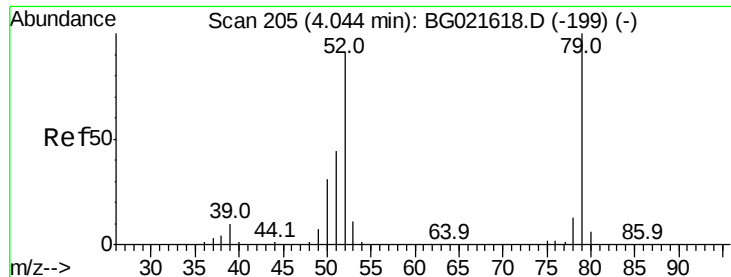
Delta R.T. -0.01 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.0	61.8	92.8#
43	42.6	27.3	40.9#





#3

Pvridine

Concen: 31.56 ng

RT: 4.04 min Scan# 204

Delta R.T. -0.01 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Instrument :

BNA_G

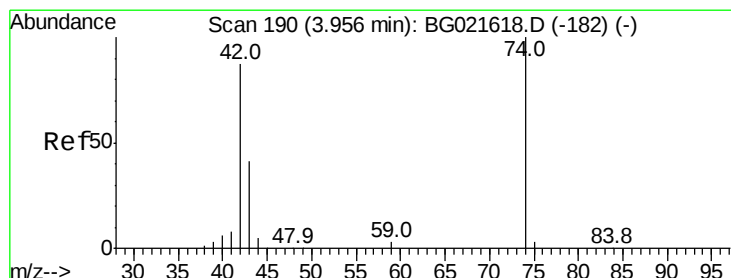
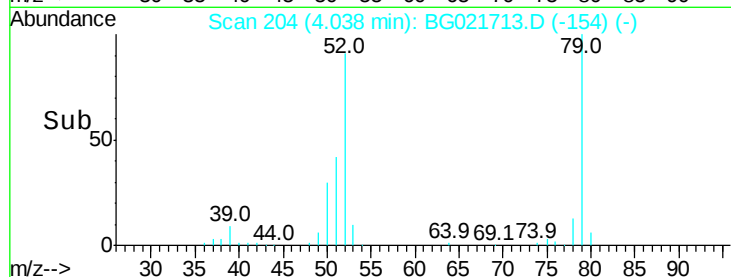
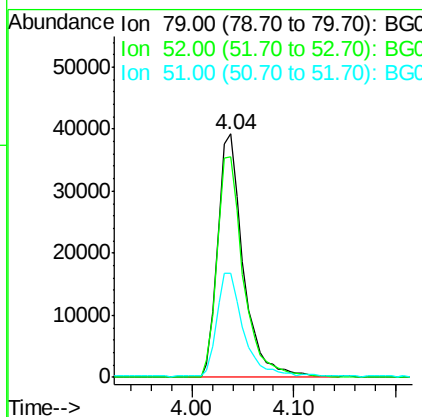
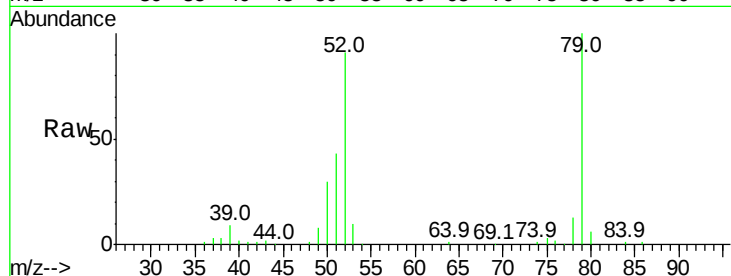
ClientSampleId :

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

Tot Ion:	79	Resp:	68772
Ion Ratio	Lower	Upper	
79	100		
52	90.6	77.2	115.8
51	42.7	42.5	63.7

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#4

n-Nitrosodimethylamine

Concen: 36.12 ng

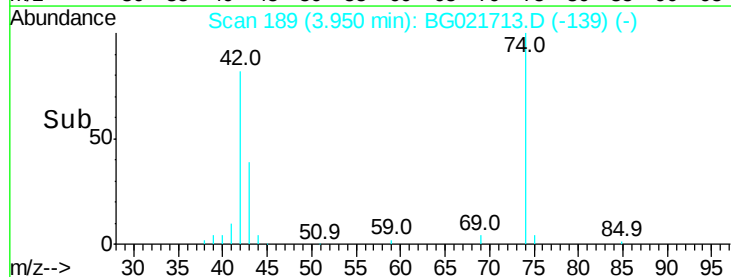
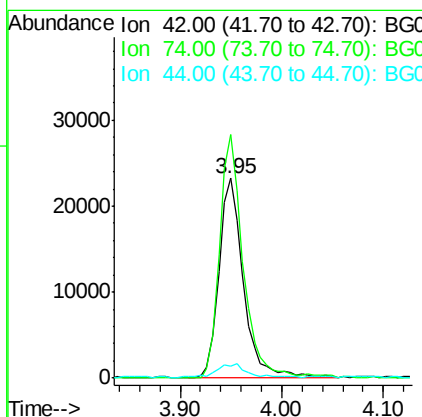
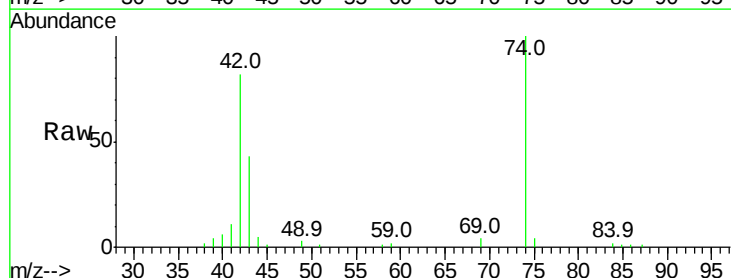
RT: 3.95 min Scan# 189

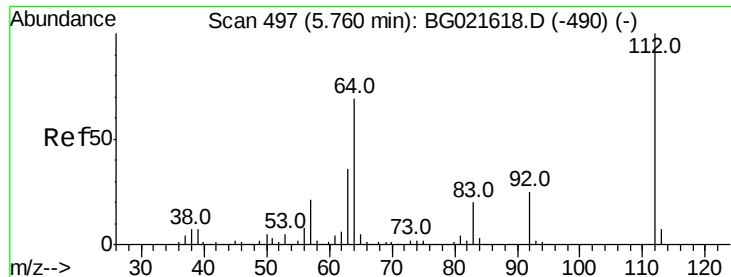
Delta R.T. -0.01 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Tgt Ion:	42	Resp:	39014
Ion Ratio	Lower	Upper	
42	100		
74	121.9	83.0	124.4
44	6.2	11.0	16.6#





#5

2-Fluorophenol

Concen: 136.80 ng

RT: 5.77 min Scan# 499

Delta R.T. 0.01 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Instrument :

BNA_G

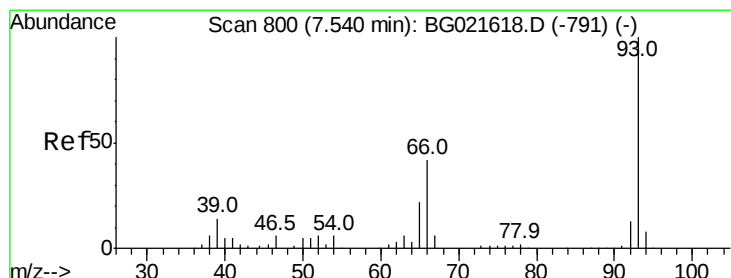
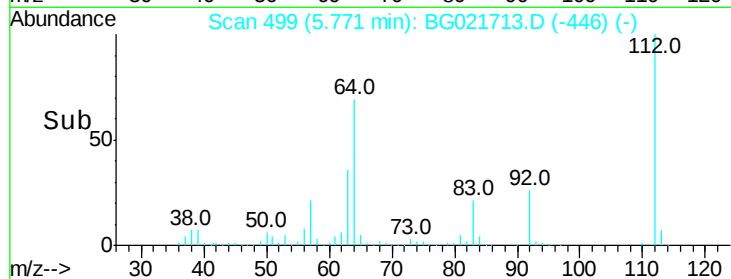
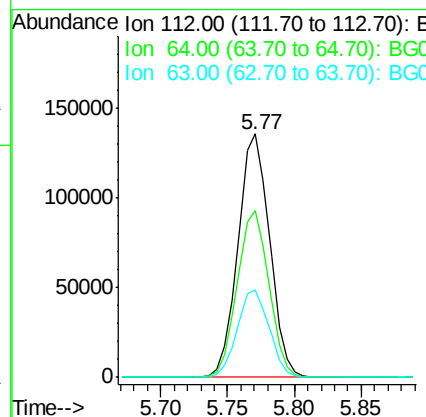
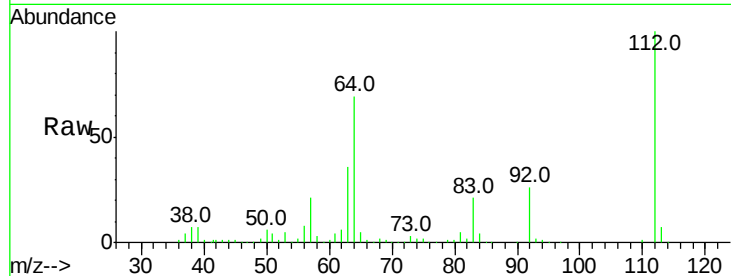
ClientSampleId :

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

Tot Ion:	112	Resp:	223200
Ion Ratio	Lower	Upper	
112	100		
64	68.6	51.1	76.7
63	36.1	24.6	37.0

Manual Integrations
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#6

Aniline

Concen: 16.47 ng

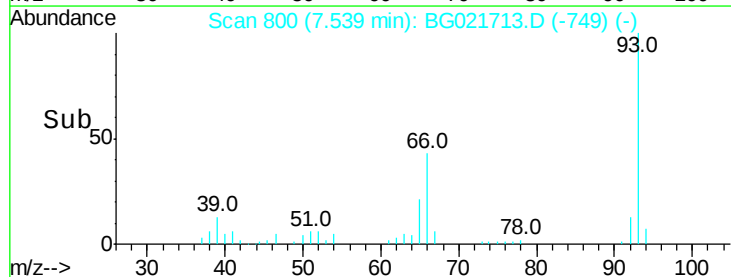
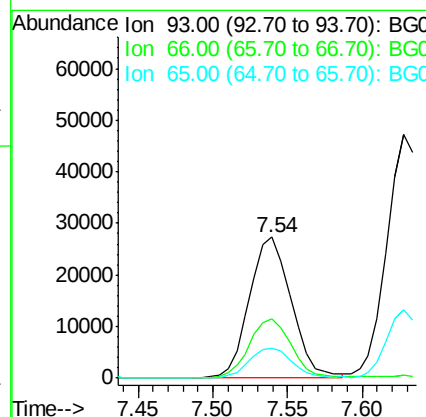
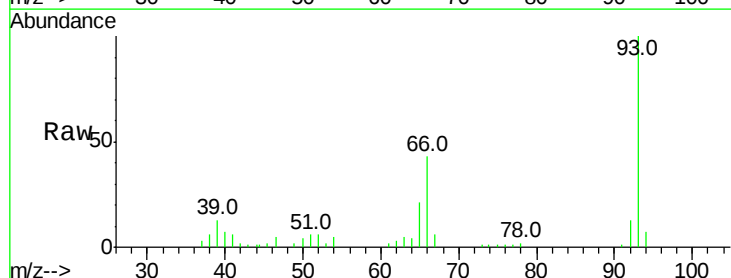
RT: 7.54 min Scan# 800

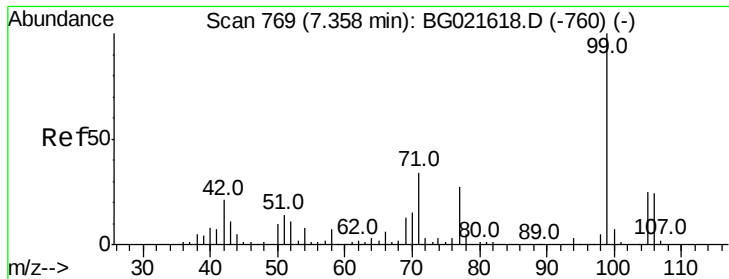
Delta R.T. -0.00 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Tgt Ion:	93	Resp:	53098
Ion Ratio	Lower	Upper	
93	100		
66	42.6	36.3	54.5
65	20.9	18.4	27.6





#7

Phenol-d6

Concen: 133.24 ng

RT: 7.37 min Scan# 772

Delta R.T. 0.02 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Instrument :

BNA_G

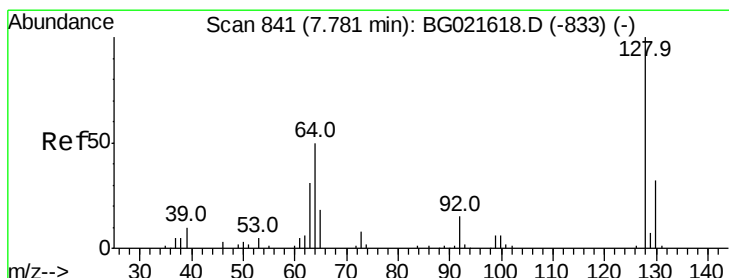
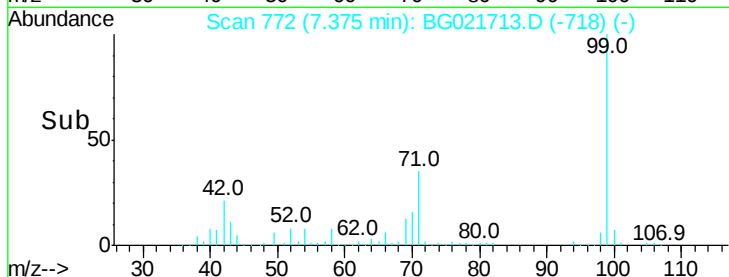
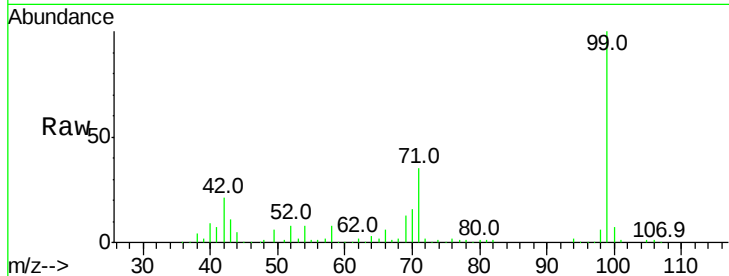
ClientSampleId :

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

Tot Ion:	99	Resp:	324723
Ion Ratio	Lower	Upper	
99	100		
42	20.8	16.4	24.6
71	34.8	25.0	37.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 42.51 ng

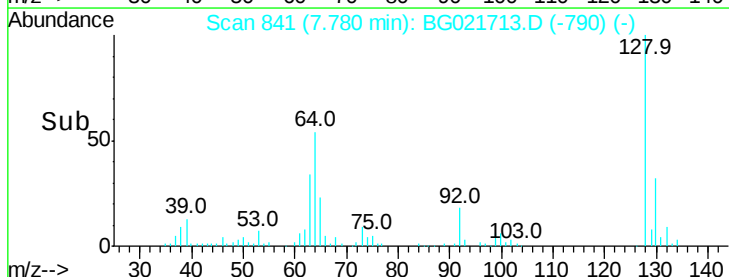
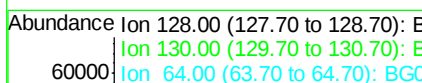
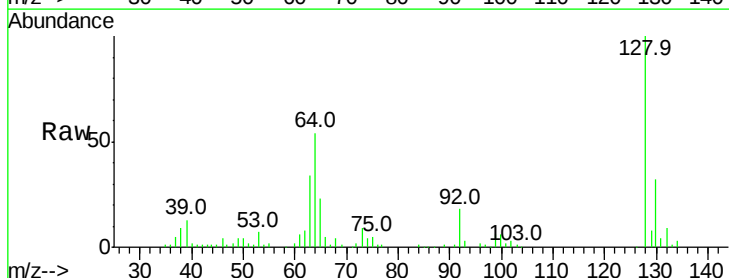
RT: 7.78 min Scan# 841

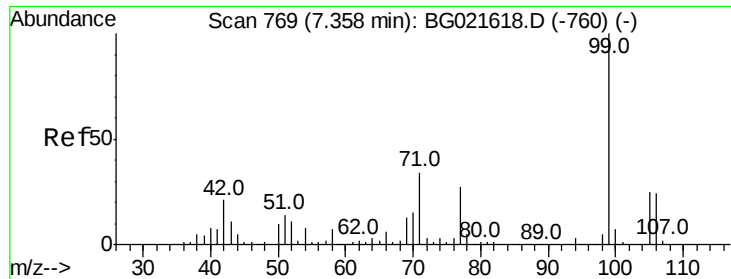
Delta R.T. -0.00 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Tgt Ion:	128	Resp:	83149
Ion Ratio	Lower	Upper	
128	100		
130	31.6	11.2	51.2
64	54.1	39.8	79.8





#9

Benzaldehyde

Concen: 16.22 ng

RT: 7.35 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Instrument :

BNA_G

ClientSampleId :

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

Tot Ion: 77 Resp: 22854

Ion Ratio Lower Upper

77 100

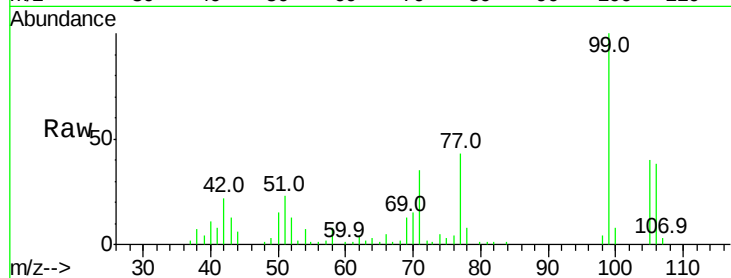
105 93.0 62.1 102.1

106 88.6 65.6 105.6

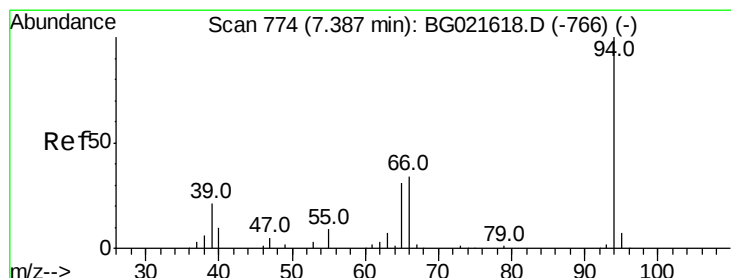
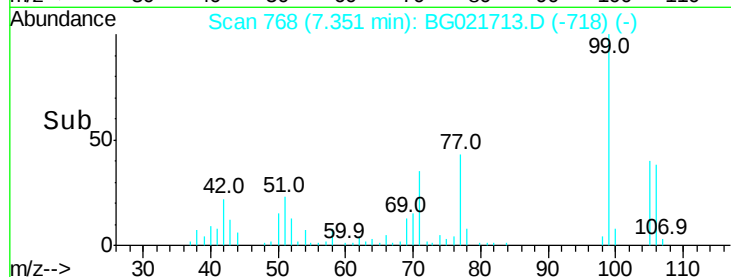
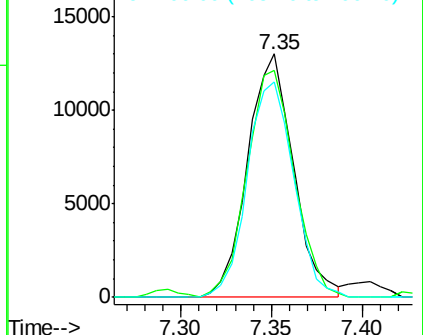
Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.88 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.02 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

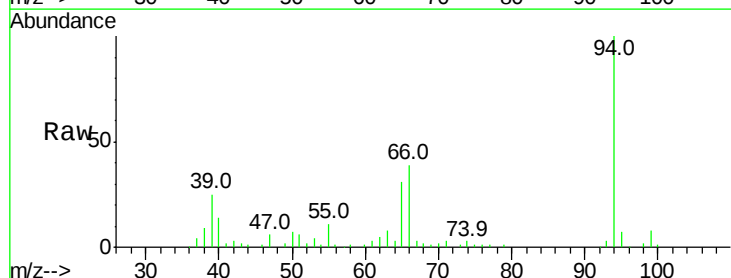
Tgt Ion: 94 Resp: 115011

Ion Ratio Lower Upper

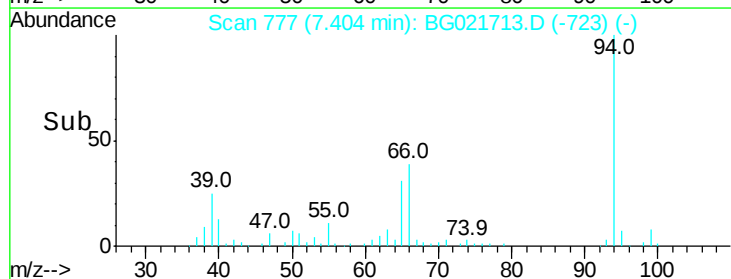
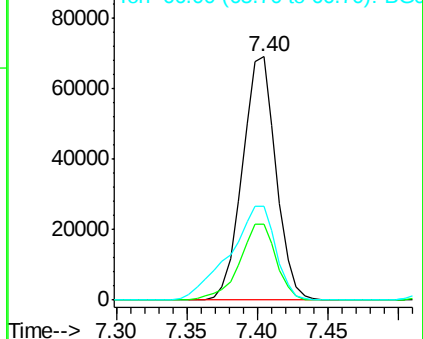
94 100

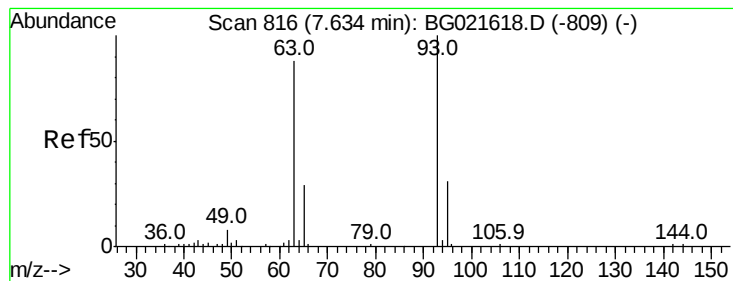
65 31.2 9.8 49.8

66 38.6 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: 37.13 ng

RT: 7.63 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Instrument :

BNA_G

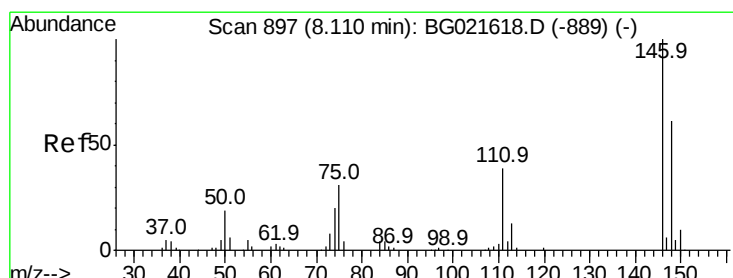
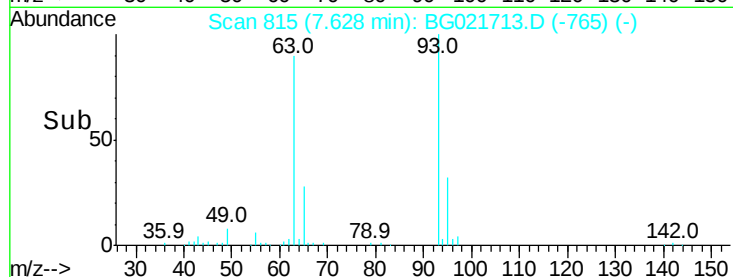
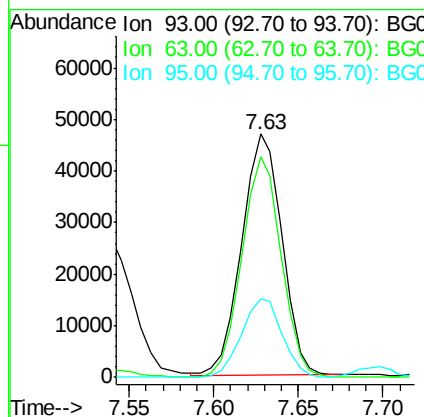
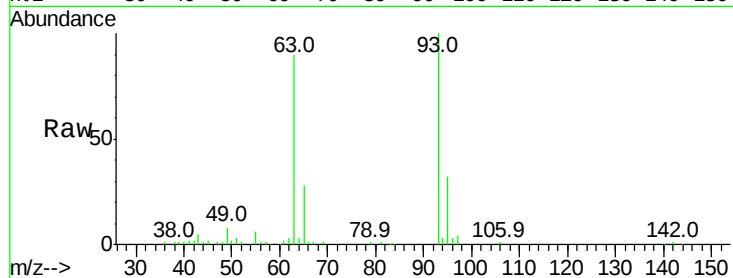
ClientSampleId :

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

Tot Ion:	93	Resp:	77898
Ion Ratio	Lower	Upper	
93	100		
63	90.4	74.9	114.9
95	32.1	8.3	48.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 38.26 ng

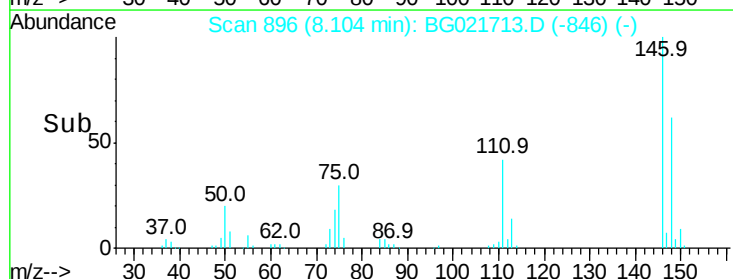
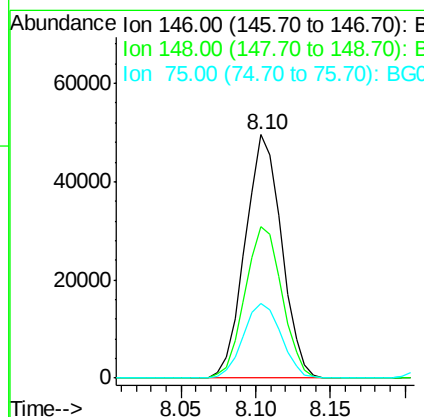
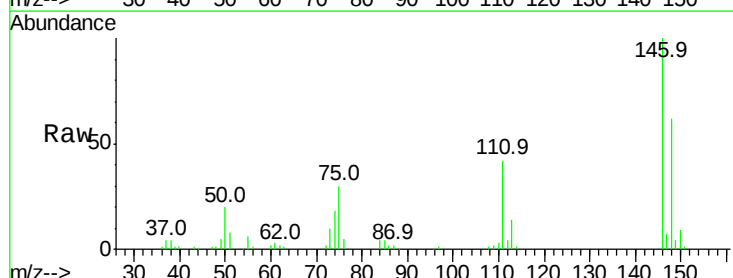
RT: 8.10 min Scan# 896

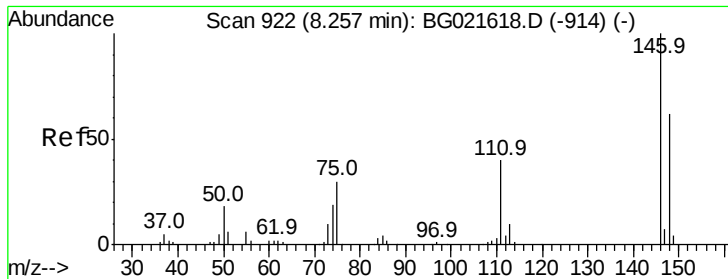
Delta R.T. -0.01 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Tgt Ion:	146	Resp:	83575
Ion Ratio	Lower	Upper	
146	100		
148	62.3	53.7	80.5
75	30.4	27.4	41.0





#13

1,4-Dichlorobenzene

Concen: 38.68 ng

RT: 8.26 min Scan# 922

Delta R.T. -0.00 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Instrument :

BNA_G

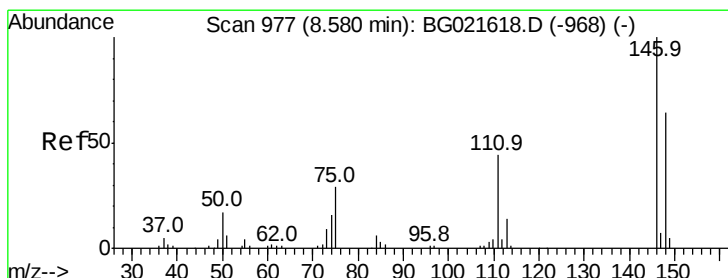
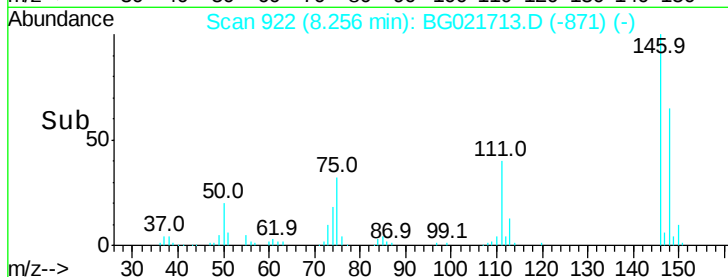
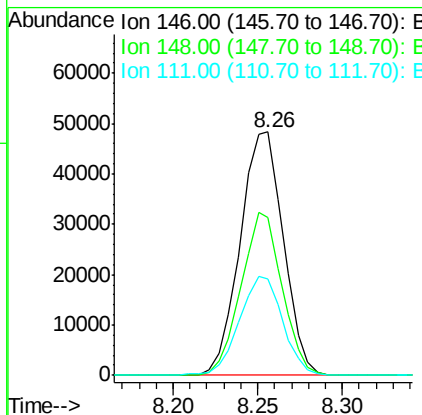
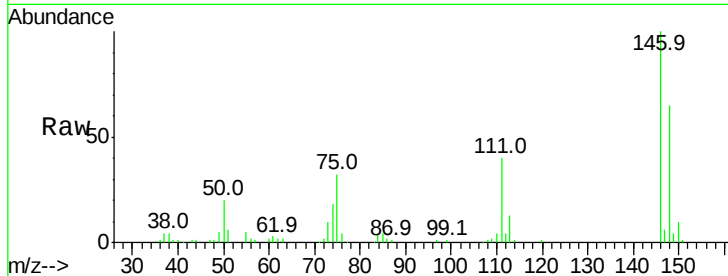
ClientSampleId :

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

Tot Ion:	146	Resp:	86012
Ion Ratio	Lower	Upper	
146	100		
148	64.7	46.7	70.1
111	39.8	33.0	49.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.58 ng

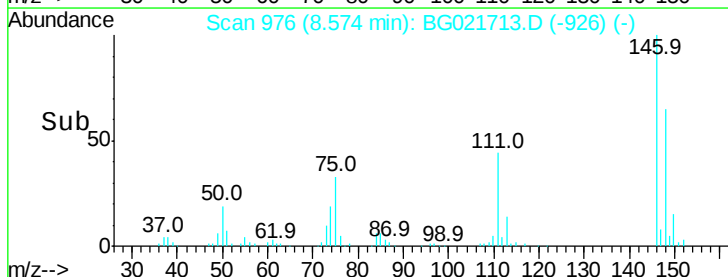
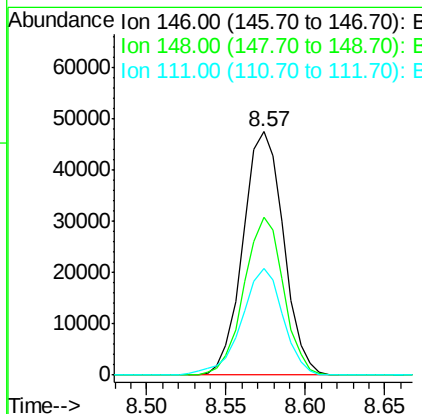
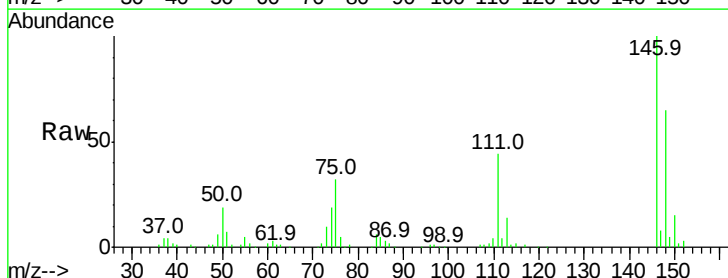
RT: 8.57 min Scan# 976

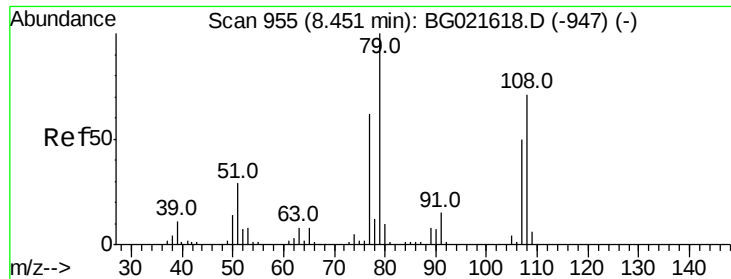
Delta R.T. -0.01 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Tgt Ion:	146	Resp:	84446
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.6	79.0
111	44.0	36.1	54.1





#15

Benzyl Alcohol

Concen: 44.80 ng

RT: 8.46 min Scan# 956

Delta R.T. 0.01 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Instrument :

BNA_G

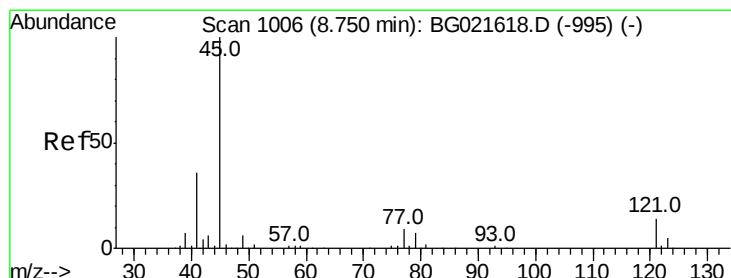
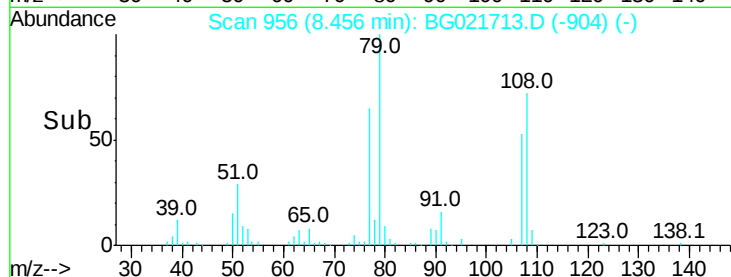
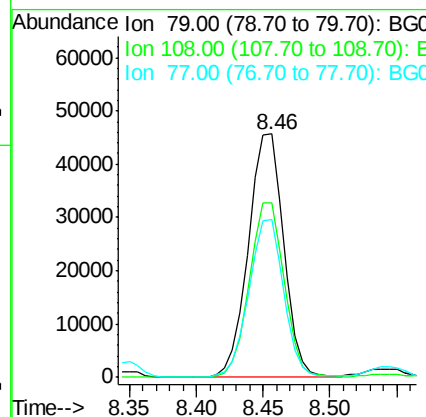
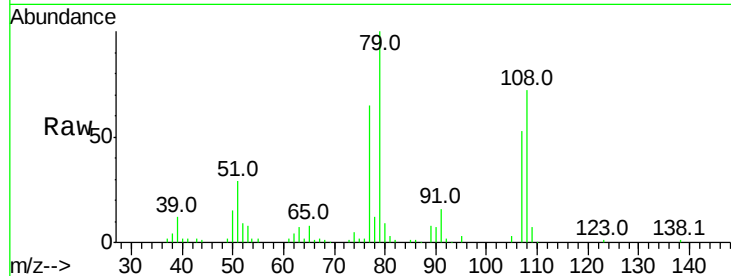
ClientSampleId :

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

Tot Ion:	79	Resp:	83440
Ion Ratio	Lower	Upper	
79	100		
108	71.7	59.4	89.0
77	65.1	52.2	78.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.19 ng

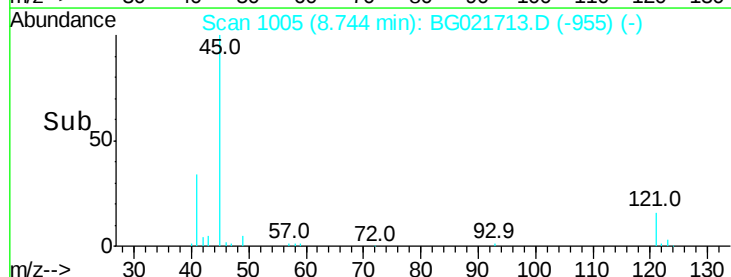
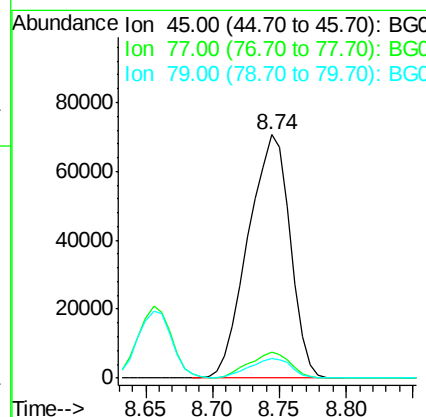
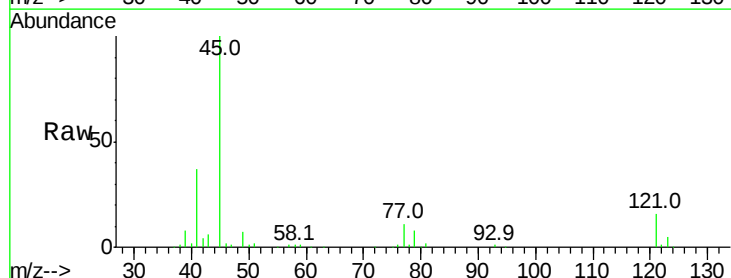
RT: 8.74 min Scan# 1005

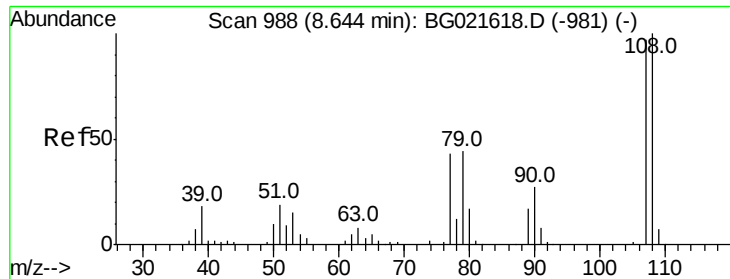
Delta R.T. -0.01 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Tgt Ion:	45	Resp:	153655
Ion Ratio	Lower	Upper	
45	100		
77	10.5	0.0	31.2
79	8.0	0.0	29.0





#17

2-Methylphenol

Concen: 42.02 ng

RT: 8.66 min Scan# 990

Delta R.T. 0.01 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Instrument :

BNA_G

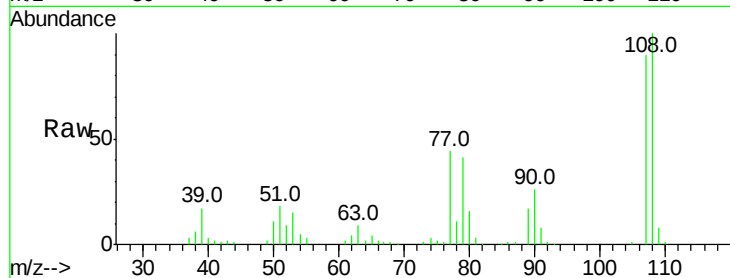
ClientSampleId :

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	80.2	120.4	
77	48.9	40.7	61.1	
79	45.7	39.8	59.8	

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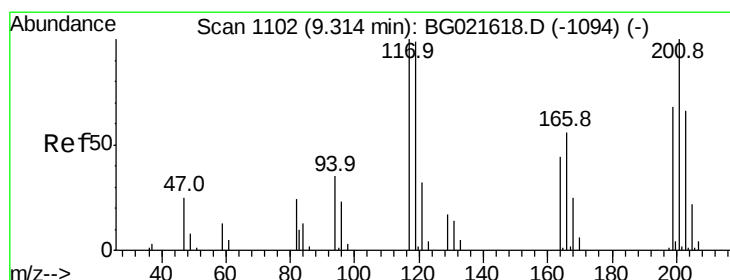
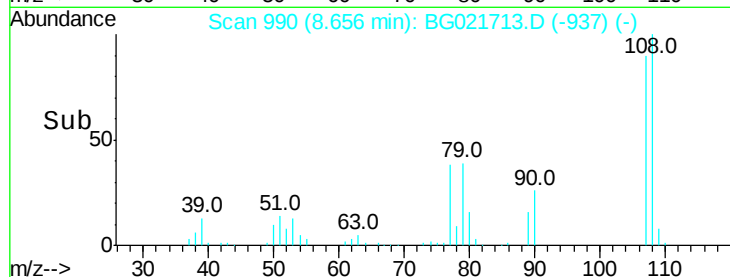
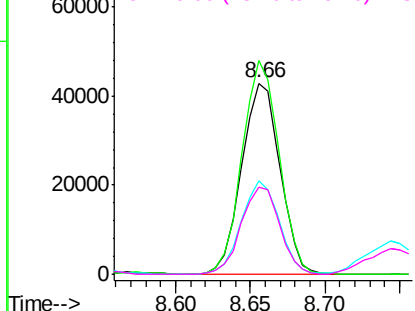


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.66 ng

RT: 9.30 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BG021713.D

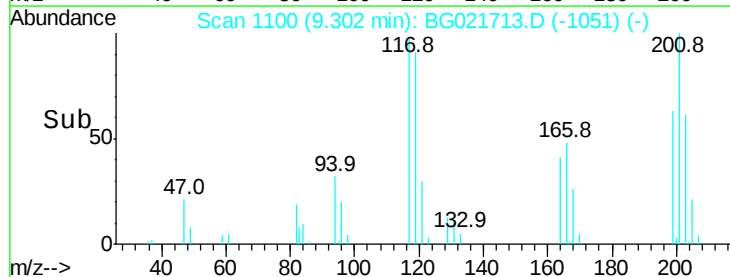
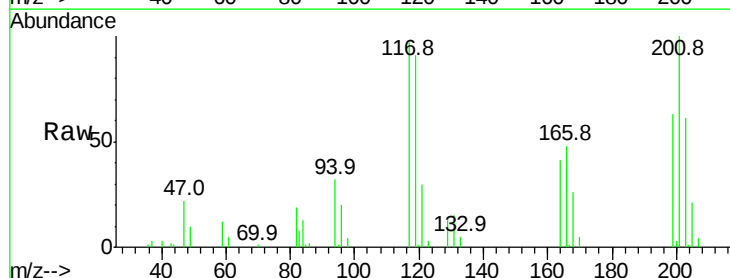
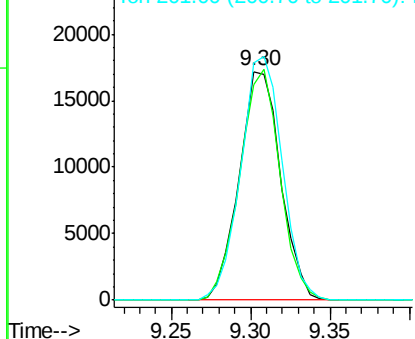
Acq: 16 Apr 2016 12:03

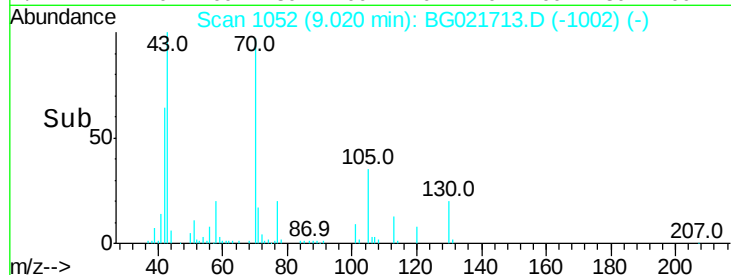
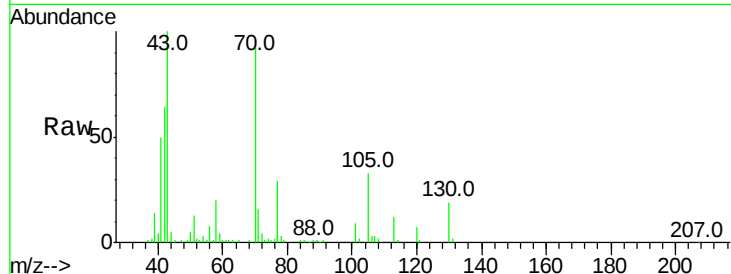
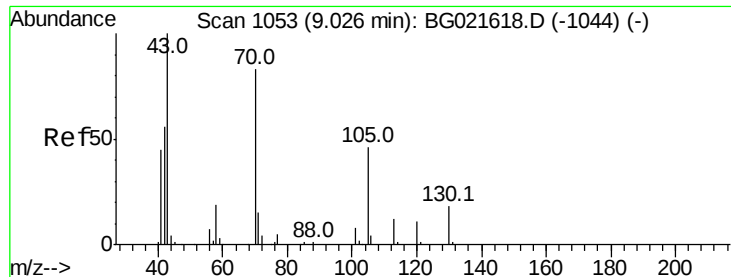
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	63.9	95.9	
201	103.5	61.2	91.8#	

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

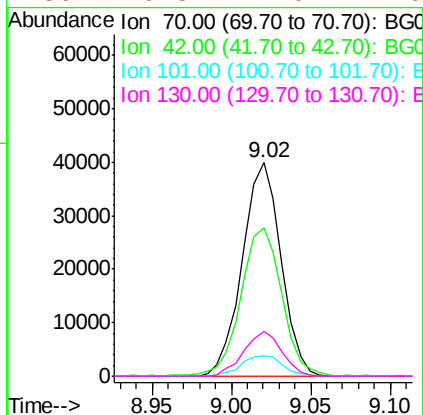
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 35.71 ng
RT: 9.02 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

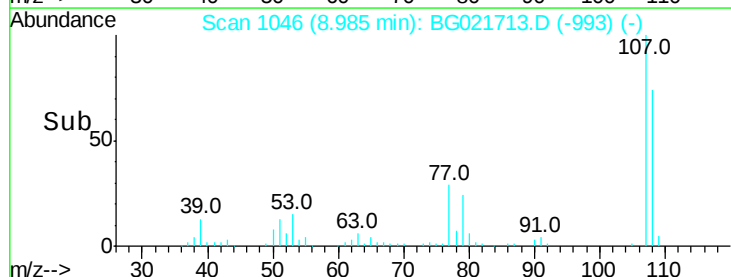
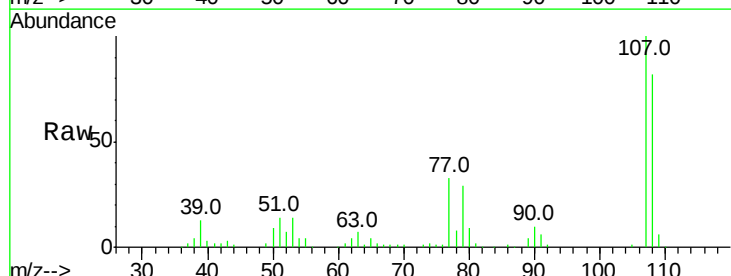
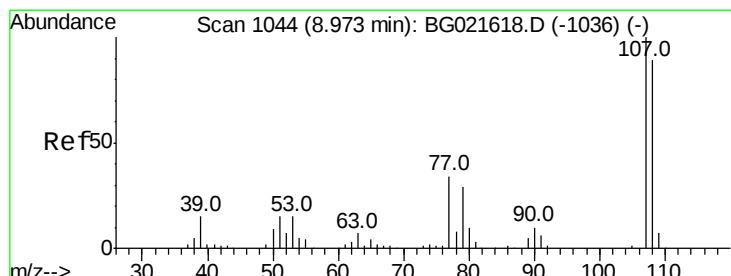
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.7	56.7	85.1	
101	9.5	8.2	12.4	
130	20.8	14.0	21.0	



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

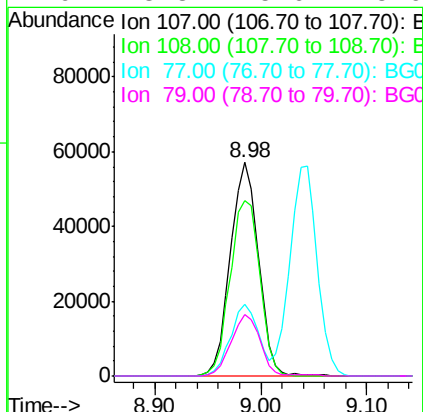
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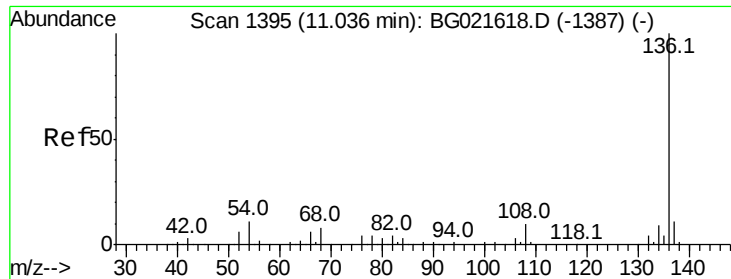
Sohil
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#20
3+4-Methylphenols
Concen: 42.34 ng
RT: 8.98 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	82.0	66.2	106.2	
77	33.5	11.5	51.5	
79	28.8	5.6	45.6	





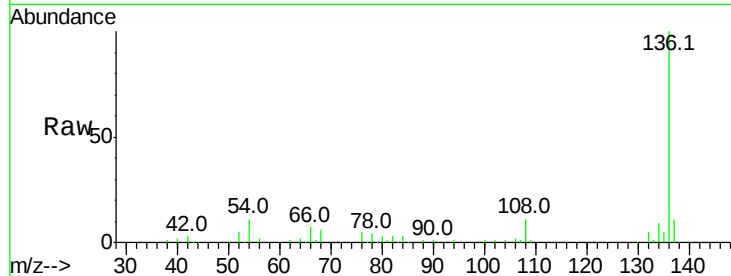
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

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

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	9.0	13.4
54	11.0	9.6	14.4
68	6.2	6.4	9.6

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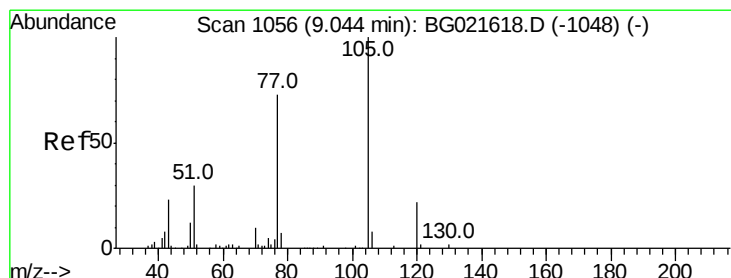
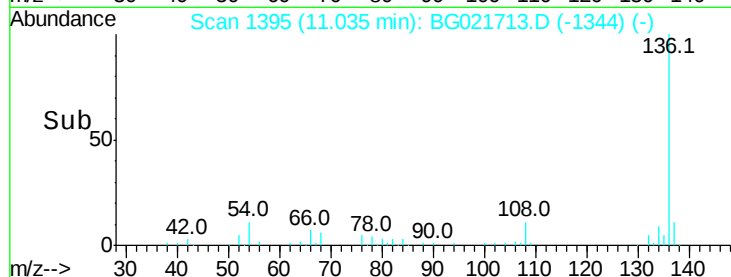
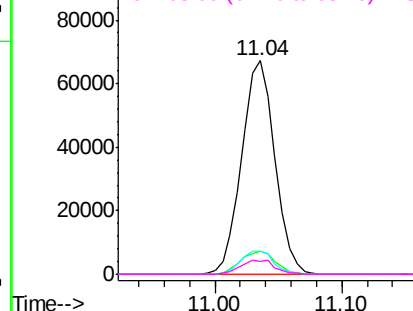
Abundance

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: 37.16 ng
RT: 9.04 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.7	0.0	0.0
51	33.0	25.7	38.5
120	20.9	17.0	25.6

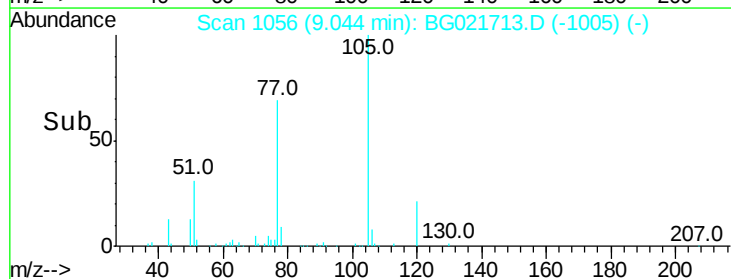
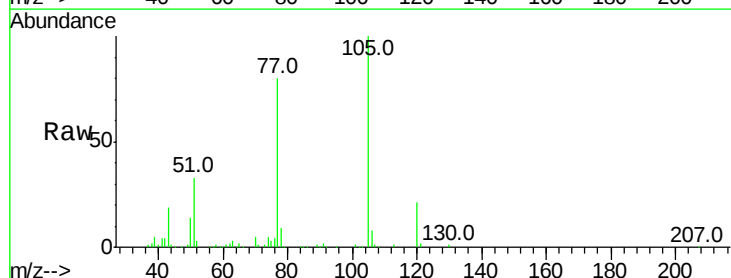
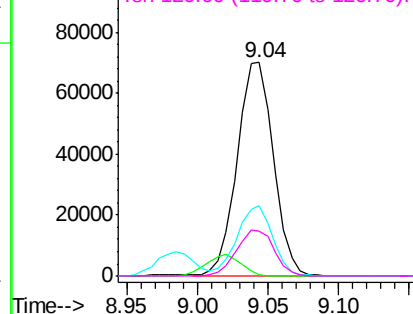
Abundance

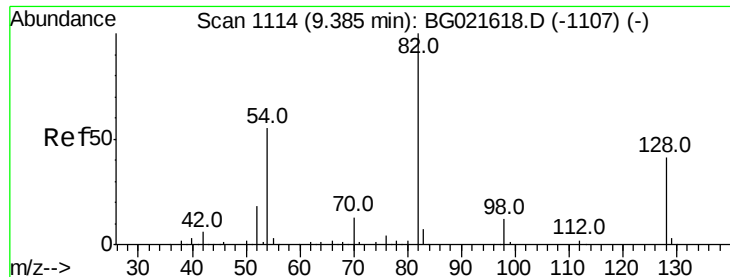
Ion 105.00 (104.70 to 105.70): E

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





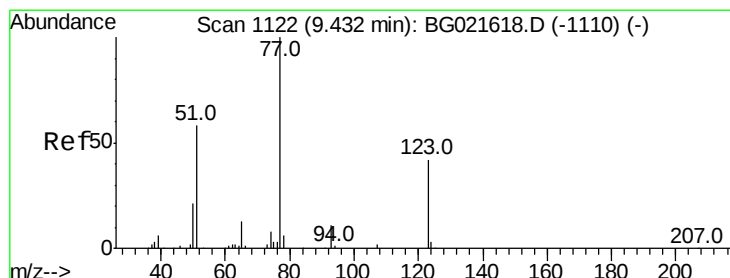
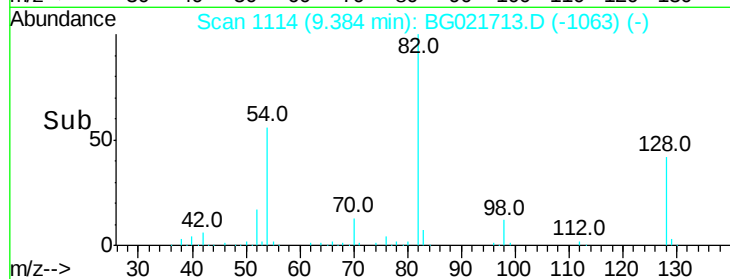
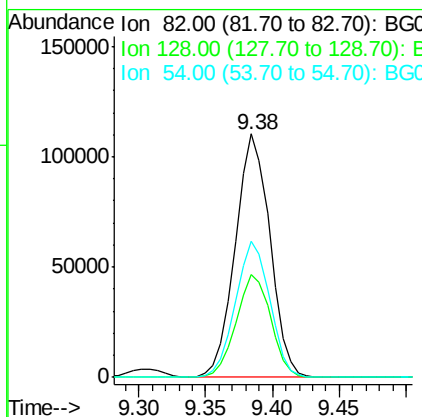
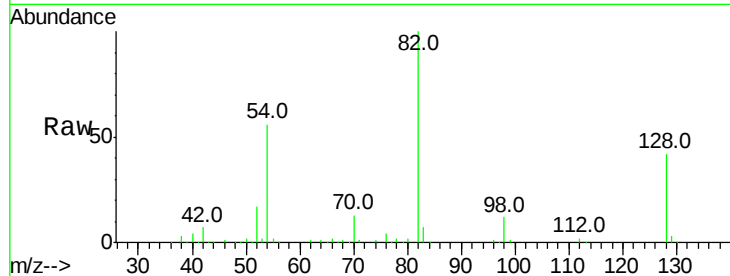
#23
 Nitrobenzene-d5
 Concen: 83.66 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

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

Tot Ion	82	Resp	198267
Ion Ratio	Lower	Upper	
82	100		
128	42.0	33.4	50.0
54	56.0	46.1	69.1

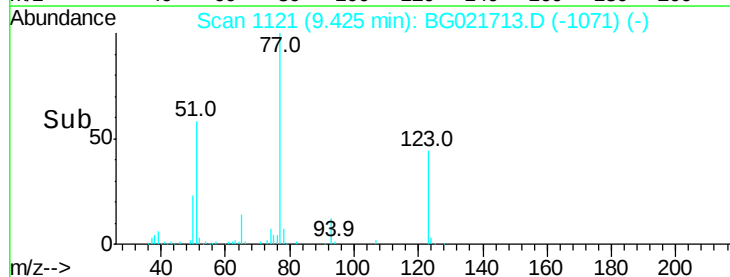
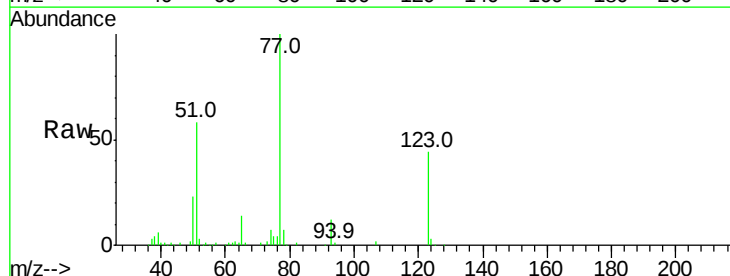
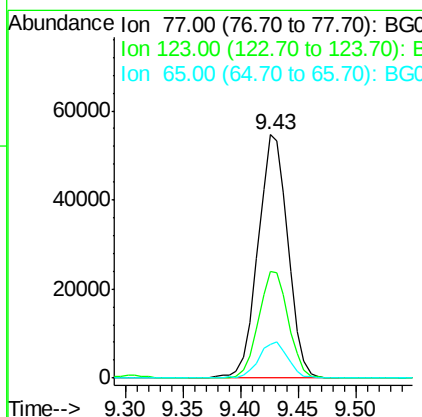
Manual Integrations
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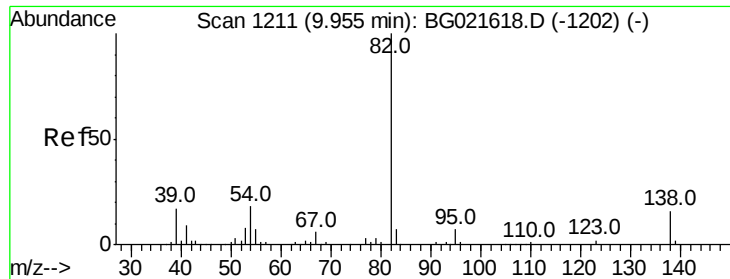
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#24
 Nitrobenzene
 Concen: 38.85 ng
 RT: 9.43 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

Tgt Ion	77	Resp	98574
Ion Ratio	Lower	Upper	
77	100		
123	43.6	32.2	48.4
65	13.9	10.3	15.5





#25

Isophorone

Concen: 36.71 ng

RT: 9.95 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Instrument :

BNA_G

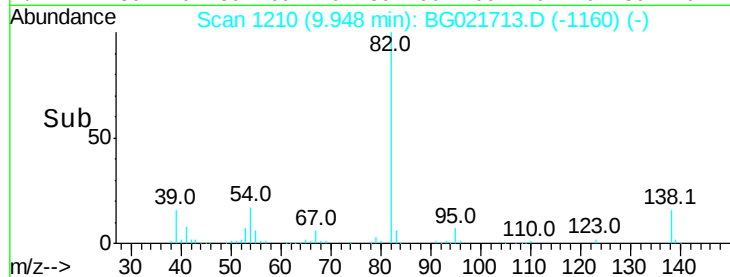
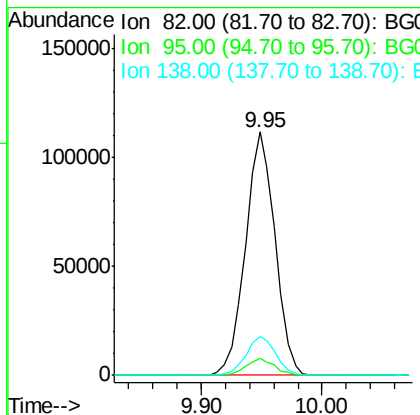
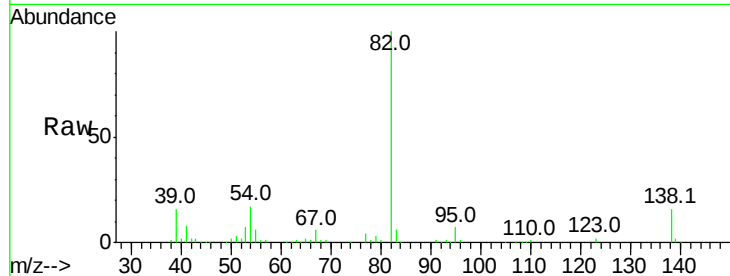
ClientSampleId :

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

Tot Ion:	82	Resp:	190403
Ion Ratio		Lower	Upper
82	100		
95	6.9	6.0	9.0
138	16.0	13.4	20.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.96 ng

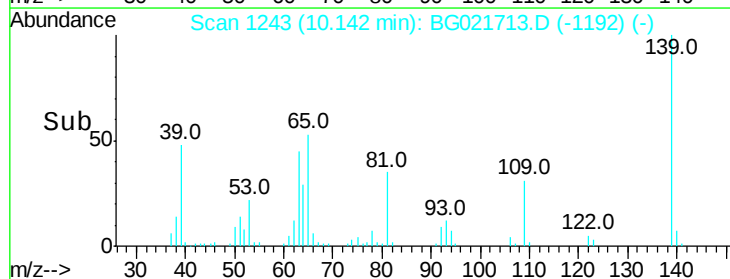
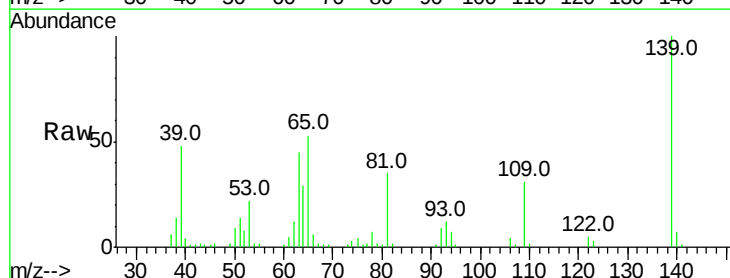
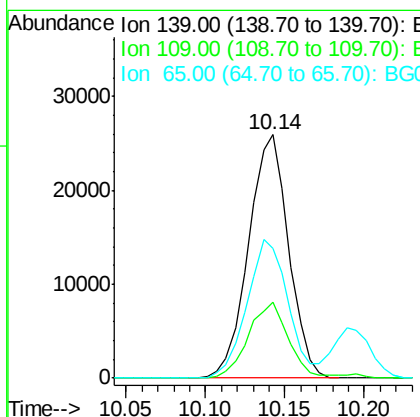
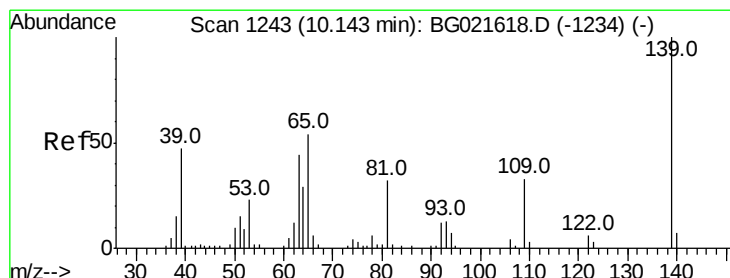
RT: 10.14 min Scan# 1243

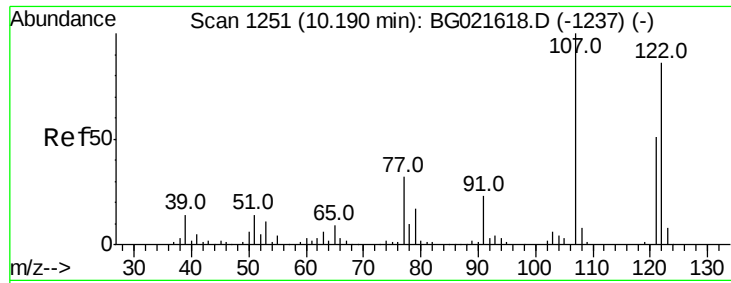
Delta R.T. -0.00 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Tgt Ion:	139	Resp:	45495
Ion Ratio		Lower	Upper
139	100		
109	31.2	26.6	40.0
65	53.5	45.3	67.9





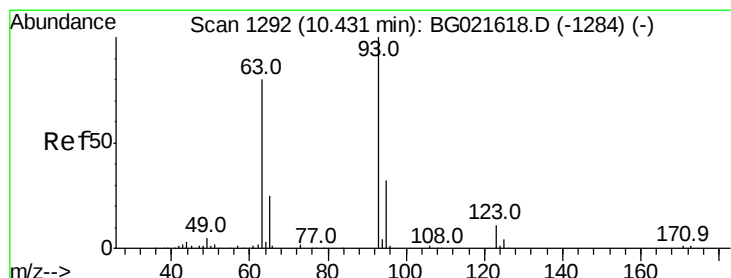
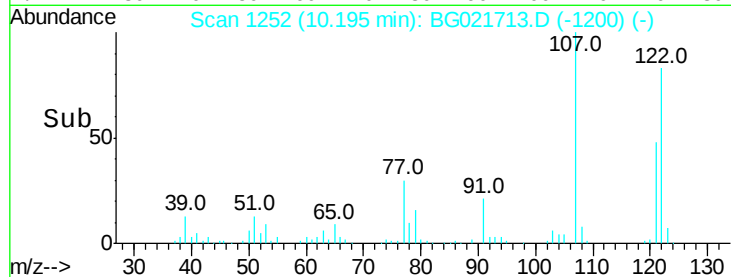
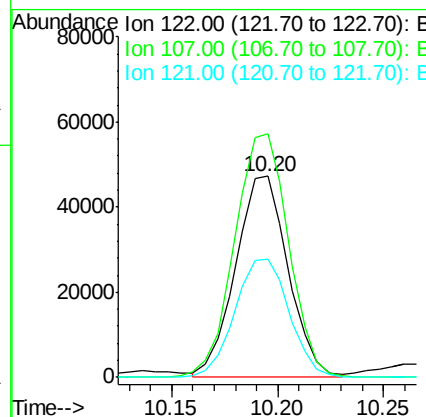
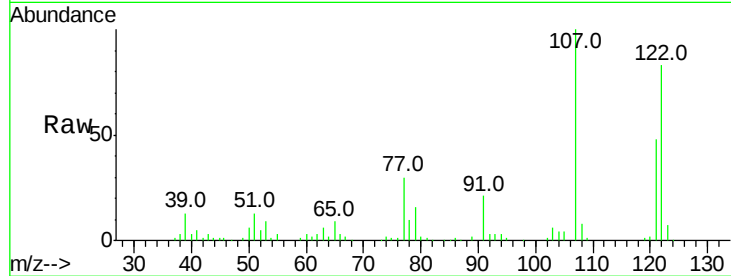
#27
 2,4-Dimethylphenol
 Concen: 37.04 ng
 RT: 10.20 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	81518		
107	121.2	97.2	145.8	
121	58.7	49.0	73.4	

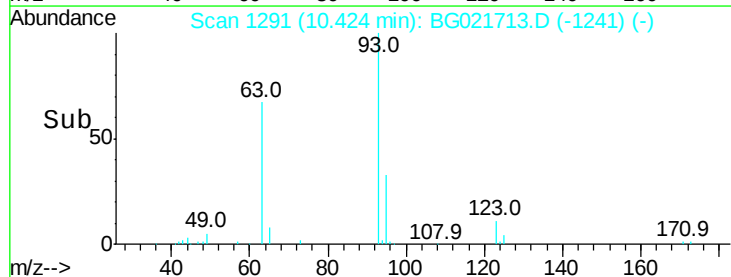
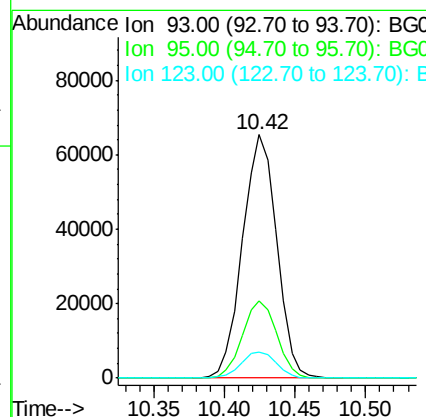
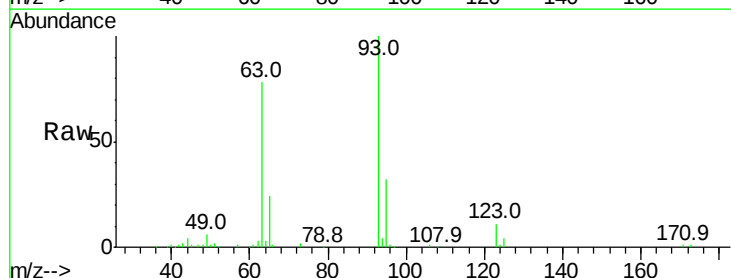
Manual Integrations
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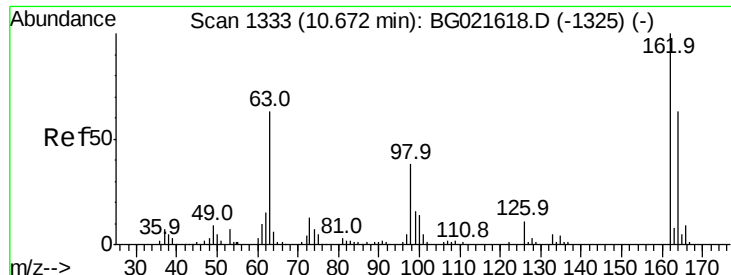
Sohil
 4/18/2016 7:21:52 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.28 ng
 RT: 10.42 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	111017		
95	31.9	30.1	45.1	
123	10.8	10.2	15.4	





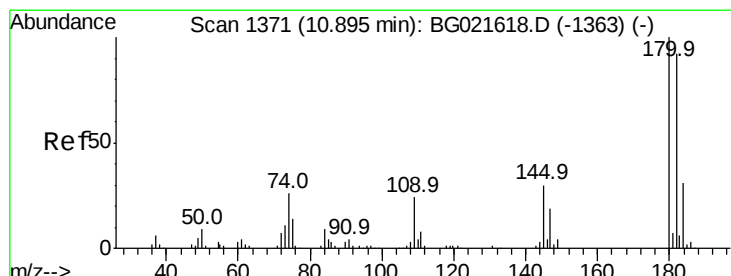
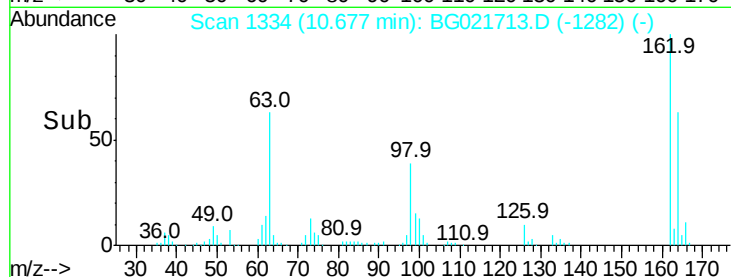
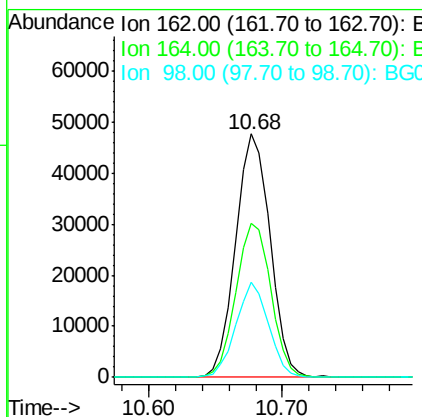
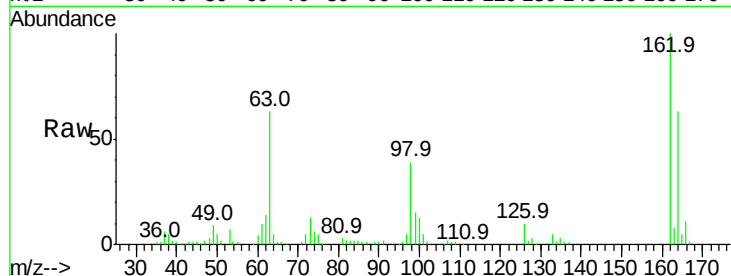
#29
 2,4-Dichlorophenol
 Concen: 45.61 ng
 RT: 10.68 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

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

Tot Ion:	162	Resp:	85581
Ion Ratio	Lower	Upper	
162	100		
164	63.4	44.9	84.9
98	38.9	19.2	59.2

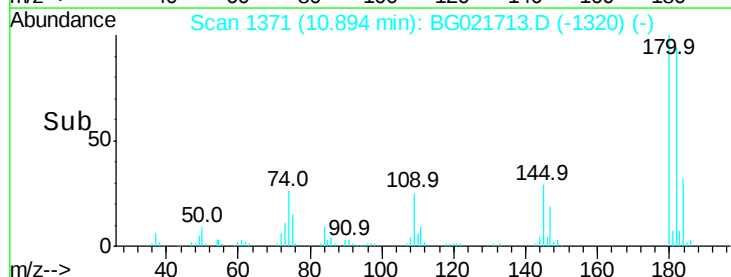
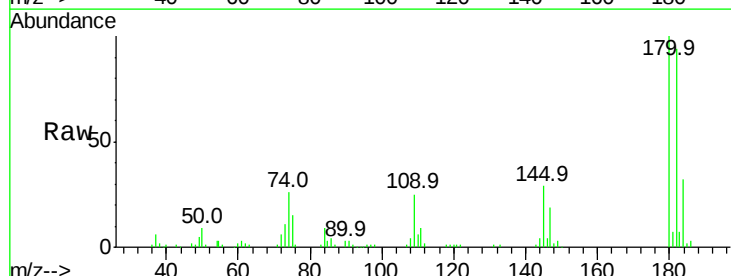
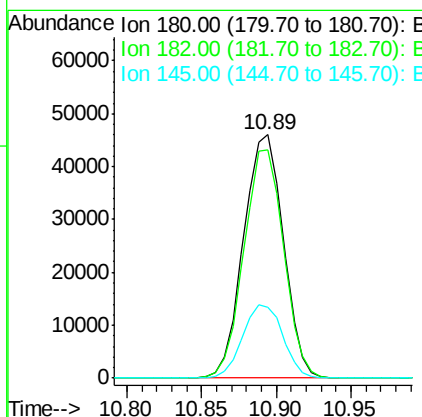
Manual Integrations
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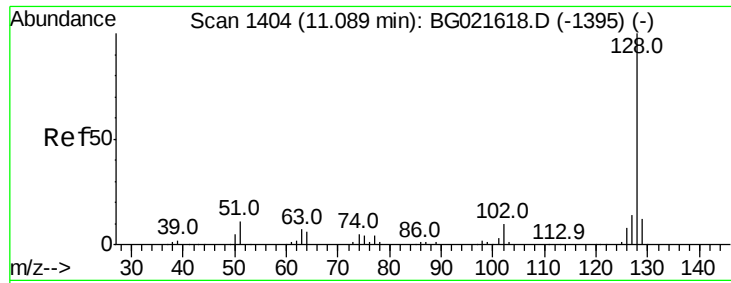
Sohil
 4/18/2016 7:21:52 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.12 ng
 RT: 10.89 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

Tgt Ion:	180	Resp:	84977
Ion Ratio	Lower	Upper	
180	100		
182	94.0	82.3	123.5
145	28.9	24.4	36.6





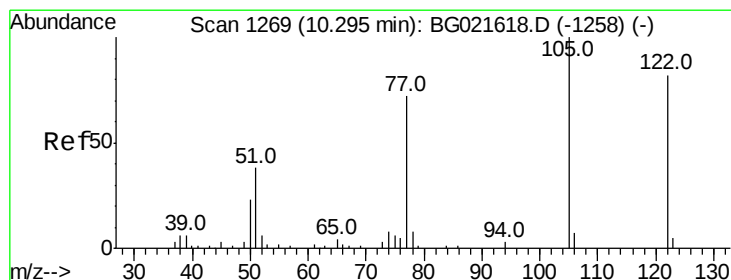
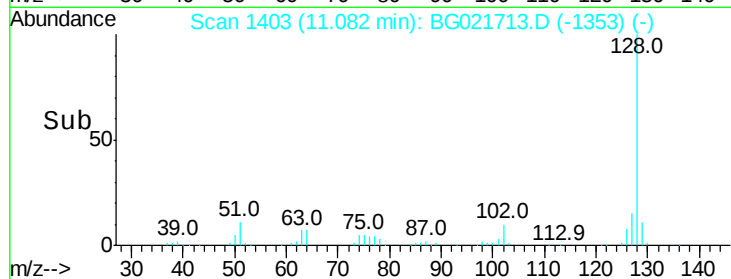
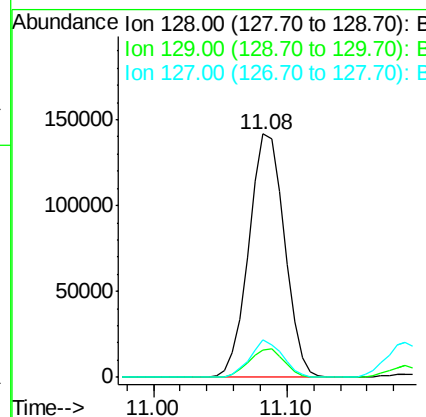
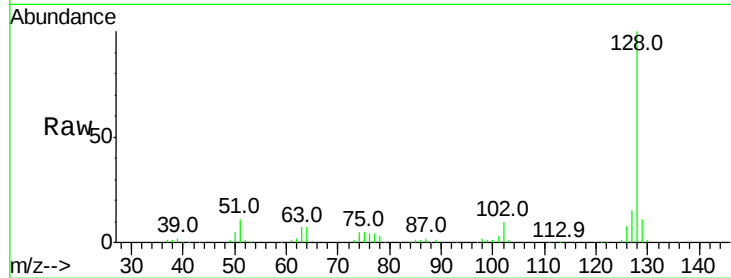
#31
Naphthalene
Concen: 39.97 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100	260600		
129	11.3	7.0	10.6#	
127	15.4	10.1	15.1#	

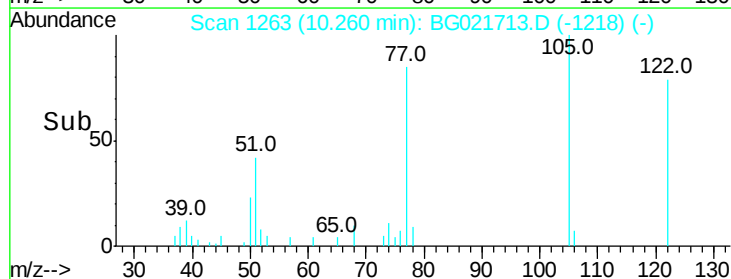
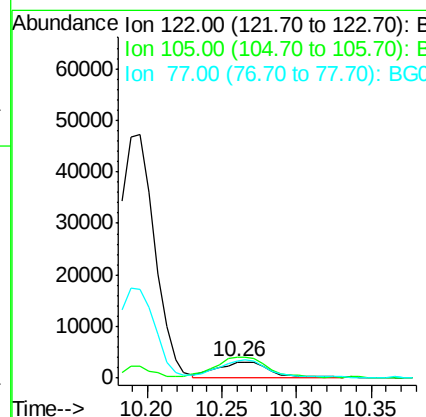
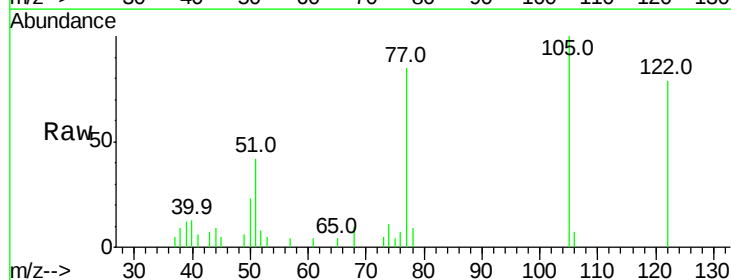
Manual Integrations
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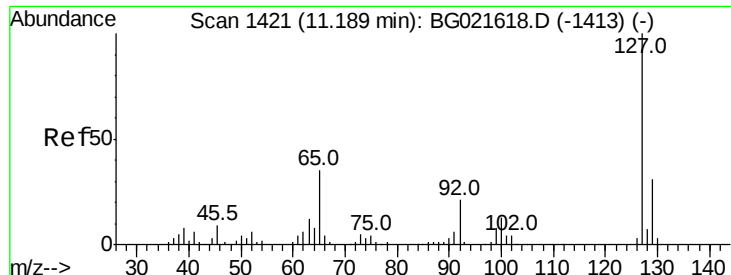
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#32
Benzoic acid
Concen: 11.32 ng
RT: 10.26 min Scan# 1263
Delta R.T. -0.04 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	7966		
105	126.8	104.5	144.5	
77	107.3	79.9	119.9	





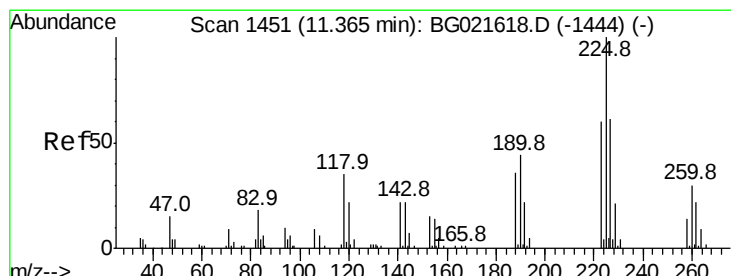
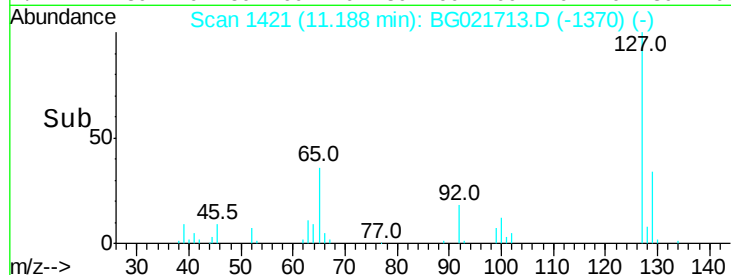
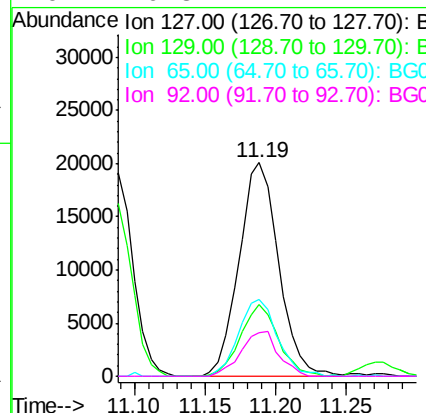
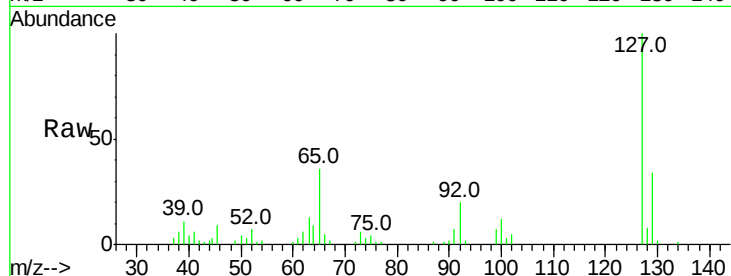
#33
4-Chloroaniline
Concen: 13.99 ng
RT: 11.19 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.7	26.6	39.8		
65	35.9	27.5	41.3		
92	20.3	14.7	22.1		

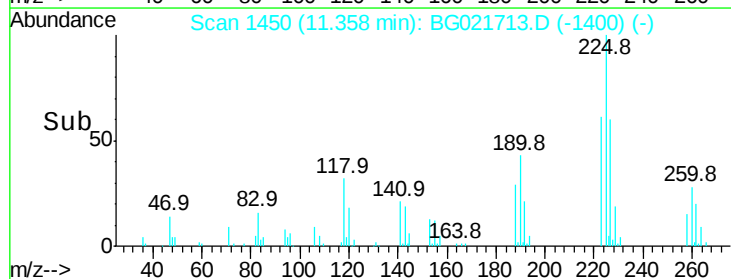
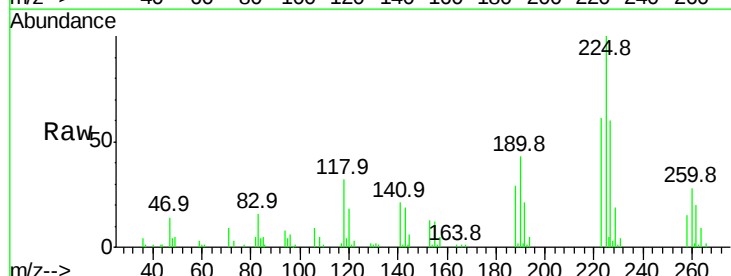
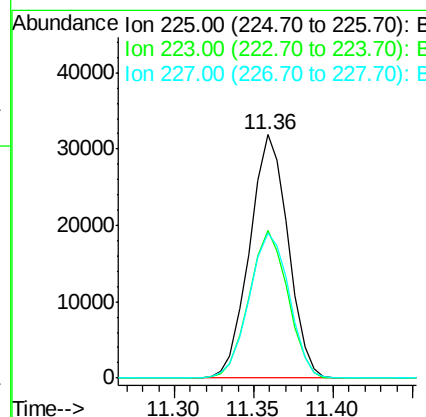
Manual Integrations
APPROVED

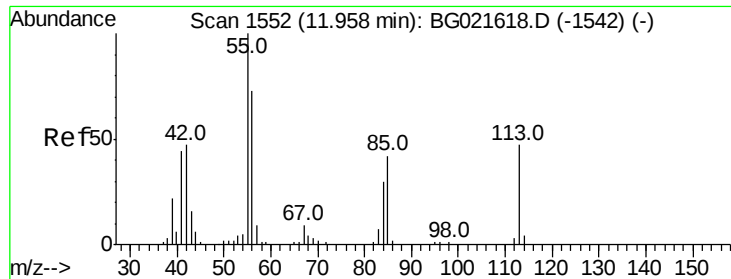
Sohil
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#34
Hexachlorobutadiene
Concen: 41.36 ng
RT: 11.36 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.9	52.7	79.1		
227	59.8	49.7	74.5		





#35

Caprolactam

Concen: 36.33 ng/ml

RT: 11.96 min Scan# 1553

Delta R.T. 0.01 min

Lab File: BG021713.D

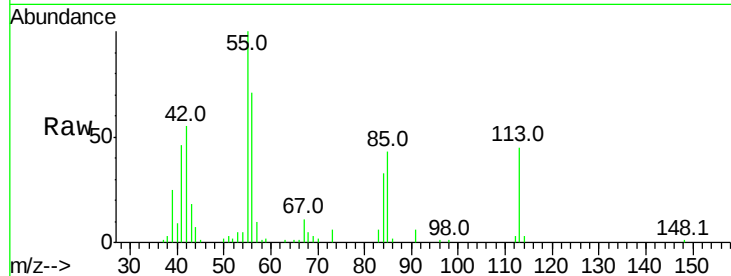
Acq: 16 Apr 2016 12:03

Instrument :

BNA_G

ClientSampleId :

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



Tot Ion:113 Resp: 31196

Ion Ratio Lower Upper

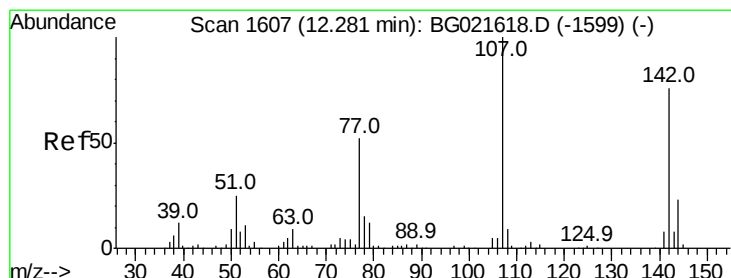
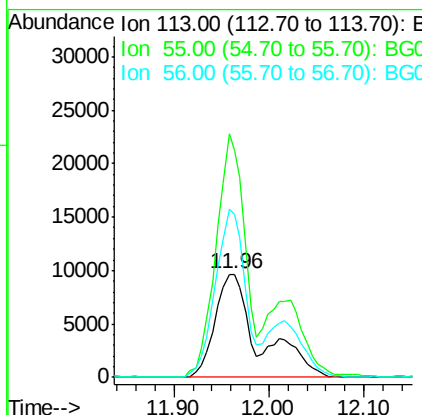
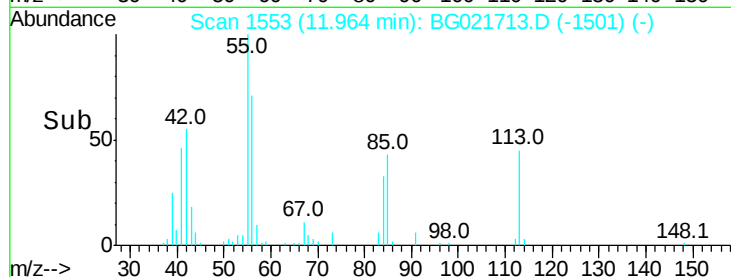
113 100

55 220.2 194.2 234.2

56 157.4 122.6 162.6

Manual Integrations
APPROVED

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#36

4-Chloro-3-methylphenol

Concen: 42.14 ng/ml

RT: 12.30 min Scan# 1610

Delta R.T. 0.02 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

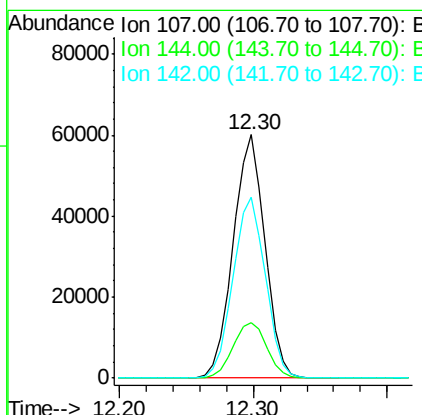
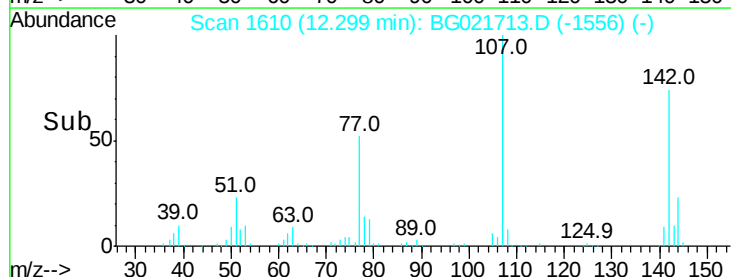
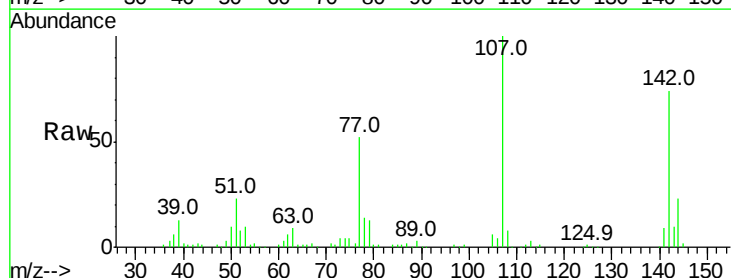
Tgt Ion:107 Resp: 99439

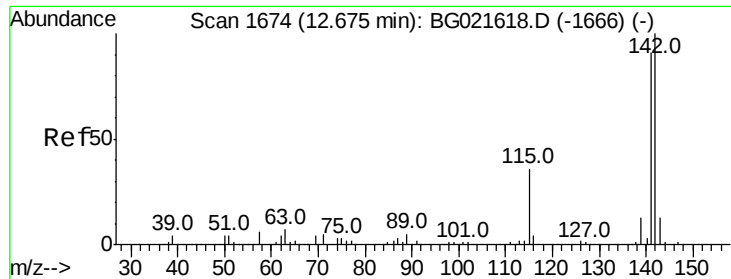
Ion Ratio Lower Upper

107 100

144 22.7 19.2 28.8

142 74.4 59.1 88.7





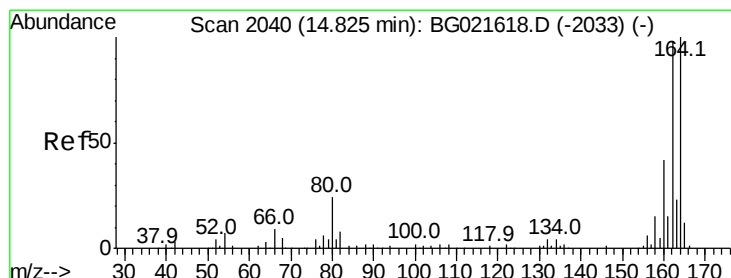
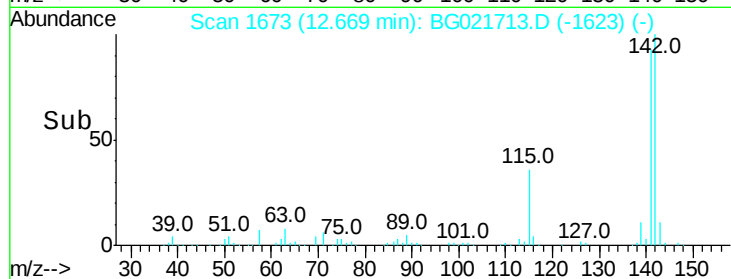
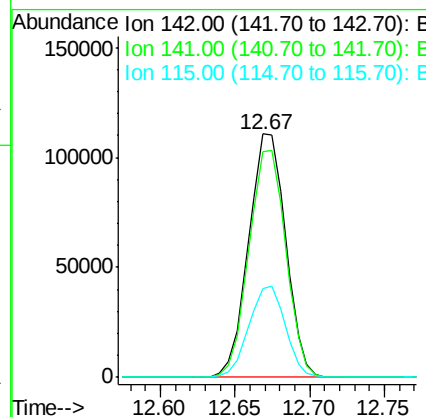
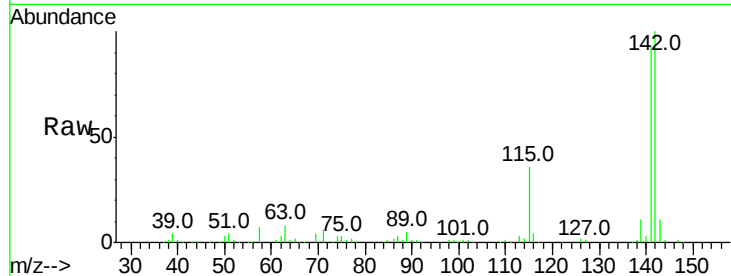
#37
 2-Methylnaphthalene
 Concen: 42.49 ng
 RT: 12.67 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.7	71.4	107.0
115	36.2	27.4	41.2

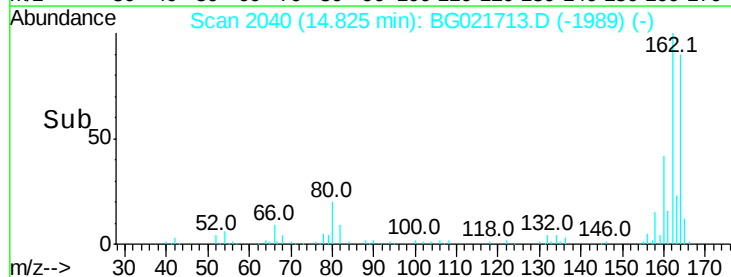
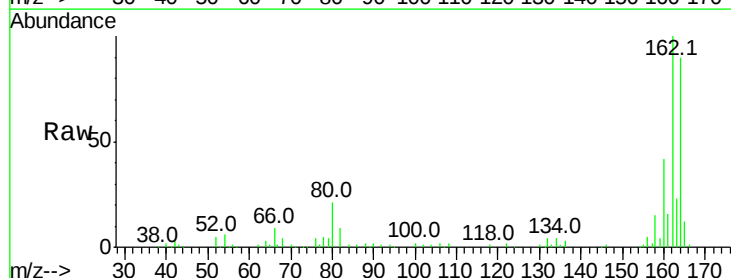
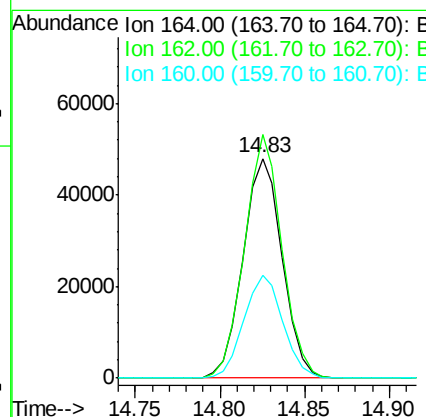
Manual Integrations
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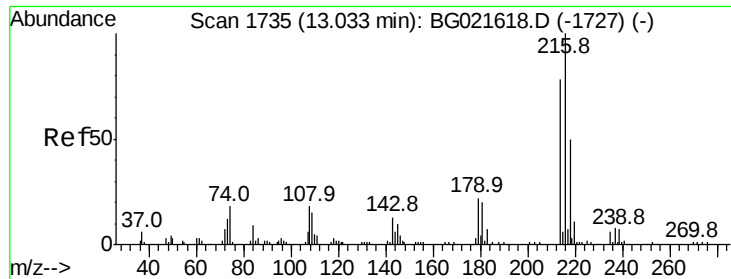
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.8	78.0	117.0
160	46.8	32.9	49.3





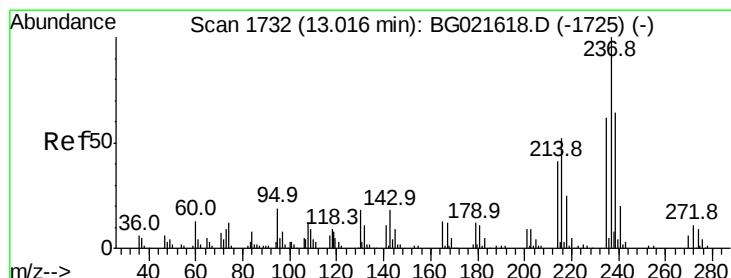
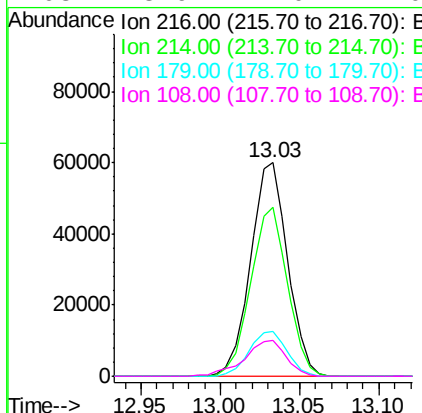
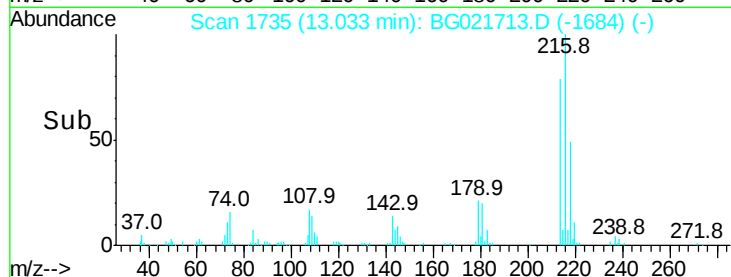
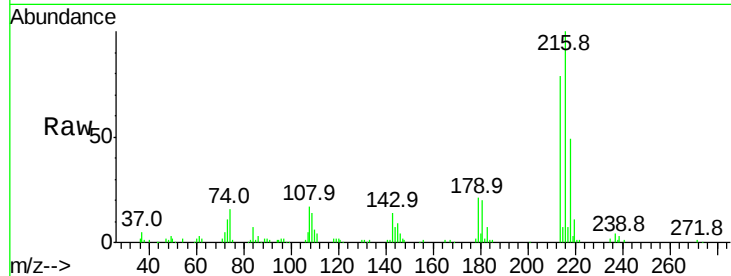
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.47 ng
 RT: 13.03 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

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

Tot Ion	Ratio	Resp	Lower	Upper
216	100	97394		
214	79.0	62.2	93.2	
179	21.5	16.7	25.1	
108	18.9	14.0	21.0	

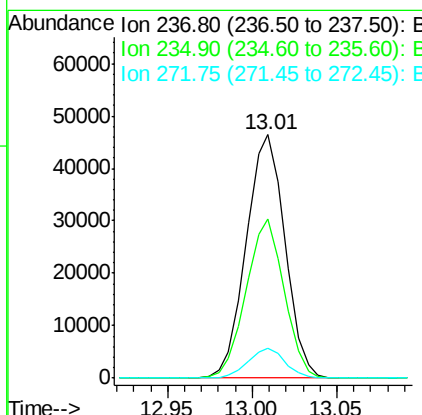
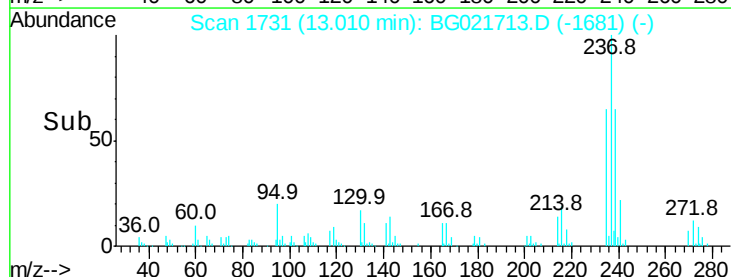
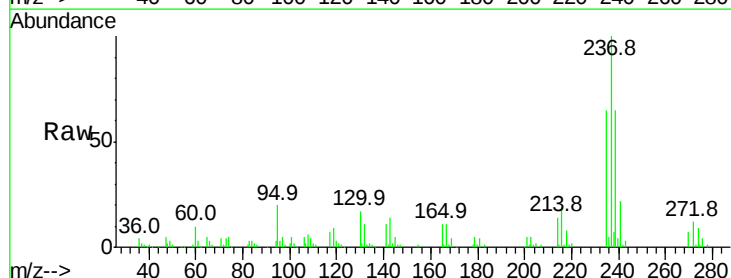
Manual Integrations
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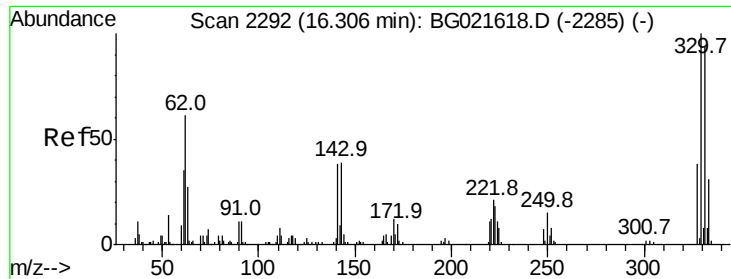
Sohil
 4/18/2016 7:21:52 PM



#40
 Hexachlorocyclopentadiene
 Concen: 55.20 ng
 RT: 13.01 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	73792		
235	65.3	43.2	83.2	
272	12.3	0.0	33.4	





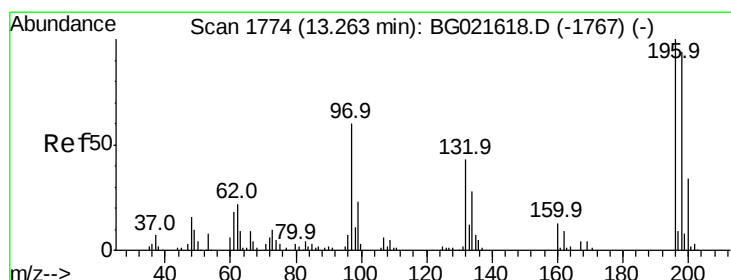
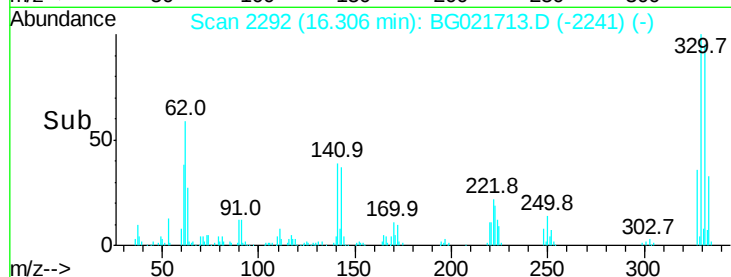
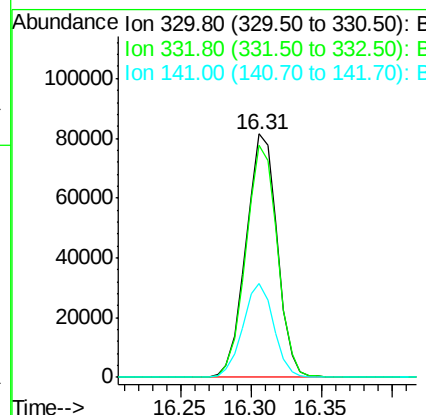
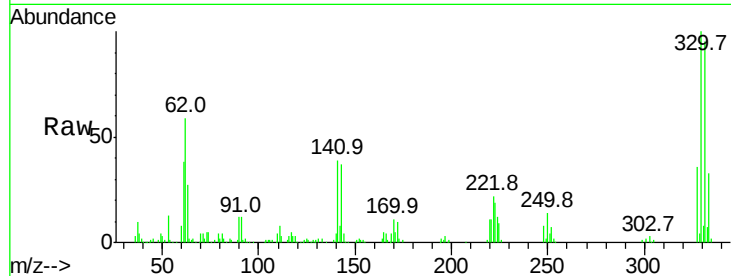
#41
 2,4,6-Tribromophenol
 Concen: 152.39 ng
 RT: 16.31 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	126467		
332	95.8	78.0	117.0	
141	38.1	33.8	50.8	

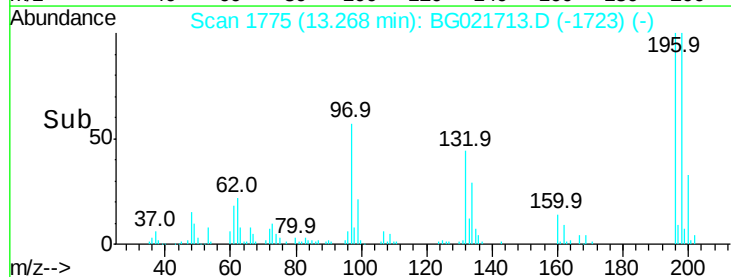
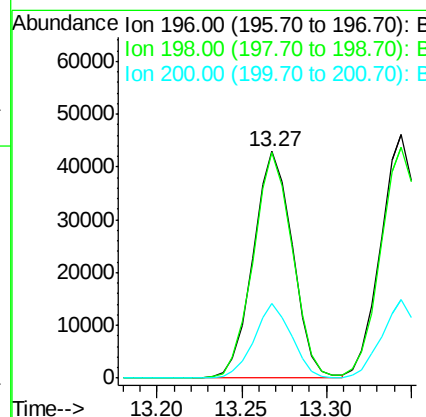
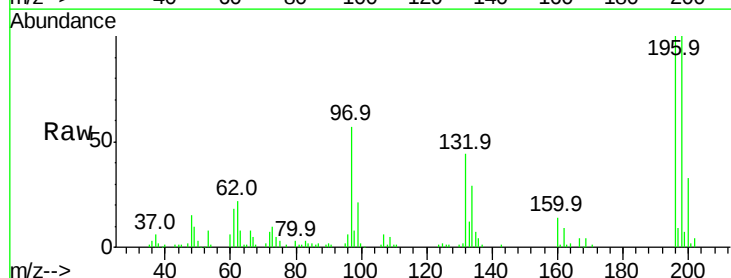
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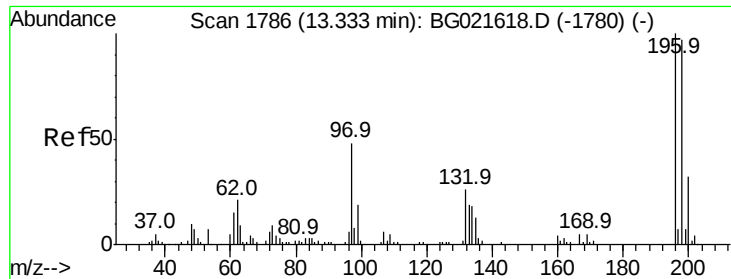
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#42
 2,4,6-Trichlorophenol
 Concen: 45.54 ng
 RT: 13.27 min Scan# 1775
 Delta R.T. 0.01 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	69890		
198	99.6	80.1	120.1	
200	33.1	24.1	36.1	





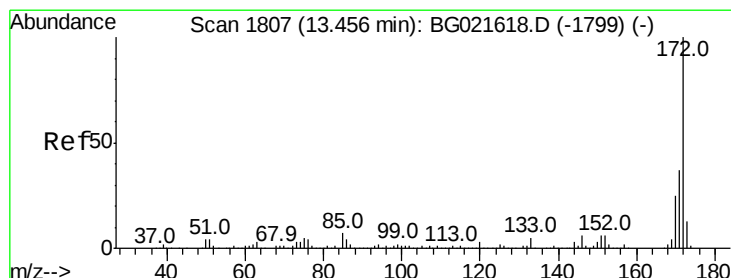
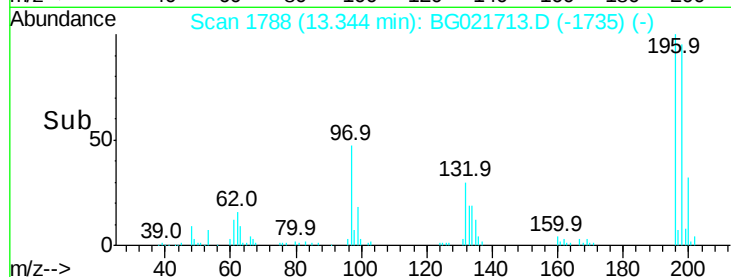
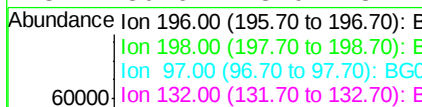
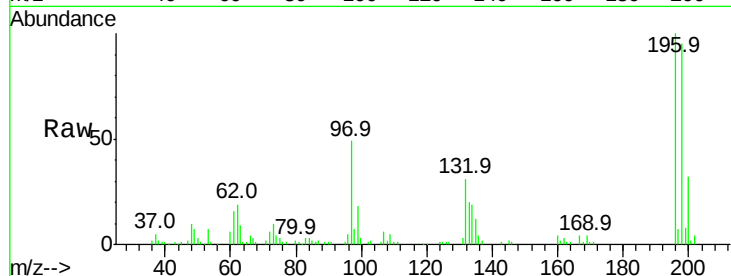
#43
 2,4,5-Trichlorophenol
 Concen: 45.31 ng
 RT: 13.34 min Scan# 1786
 Delta R.T. 0.01 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

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

Tot Ion	196	Resp	75029
Ion Ratio	Lower	Upper	
196	100		
198	94.6	78.0	117.0
97	49.1	43.0	64.6
132	30.6	23.0	34.4

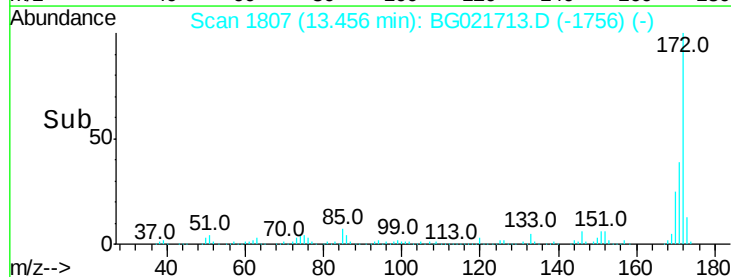
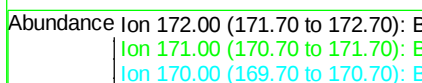
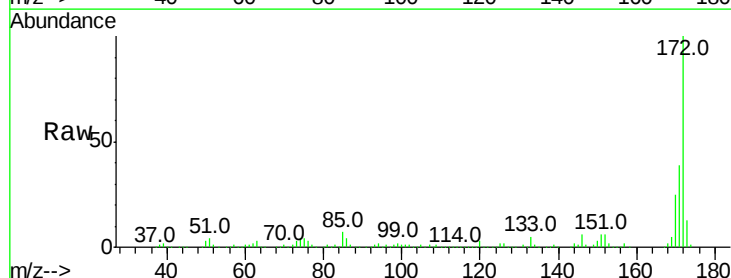
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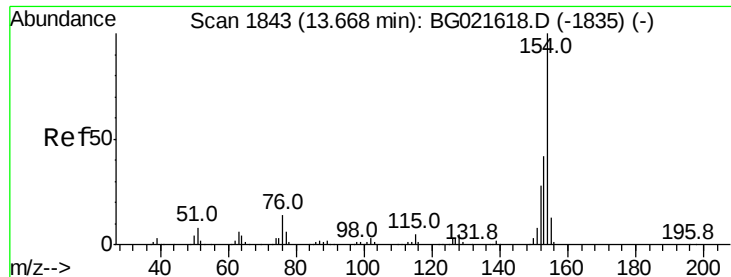
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#44
 2-Fluorobiphenyl
 Concen: 80.03 ng
 RT: 13.46 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

Tgt Ion	172	Resp	420582
Ion Ratio	Lower	Upper	
172	100		
171	38.7	27.8	41.6
170	24.9	19.6	29.4





#45

1,1'-Biphenyl

Concen: 38.04 ng

RT: 13.66 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Instrument :

BNA_G

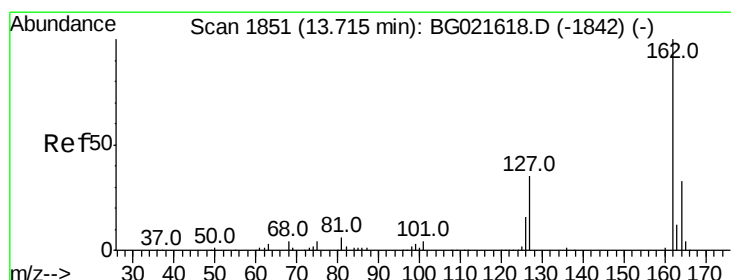
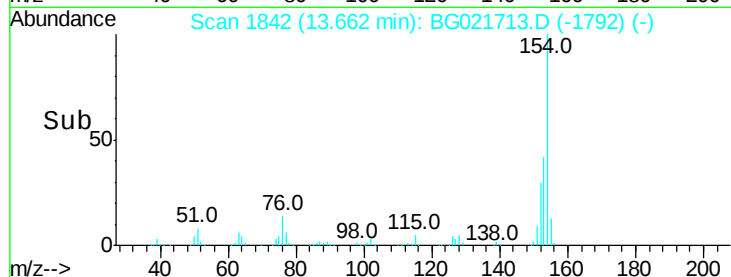
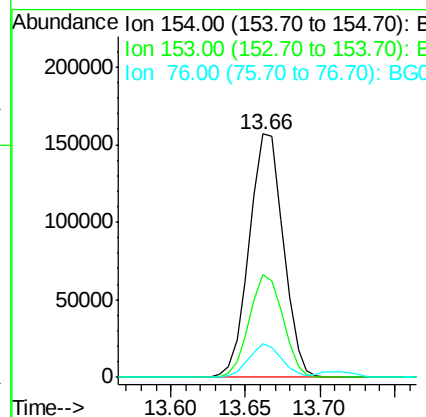
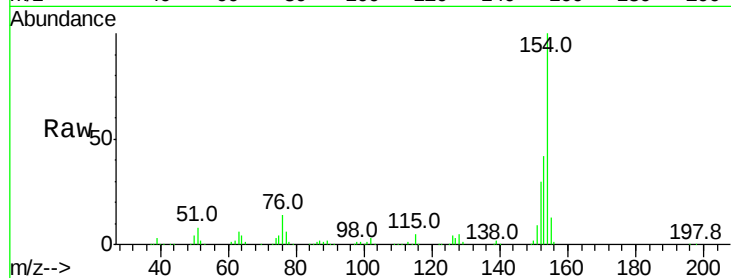
ClientSampleId :

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

Tot Ion:	154	Resp:	246768
Ion Ratio	Lower	Upper	
154	100		
153	42.4	19.7	59.7
76	13.8	0.0	33.0

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#46

2-Chloronaphthalene

Concen: 40.00 ng

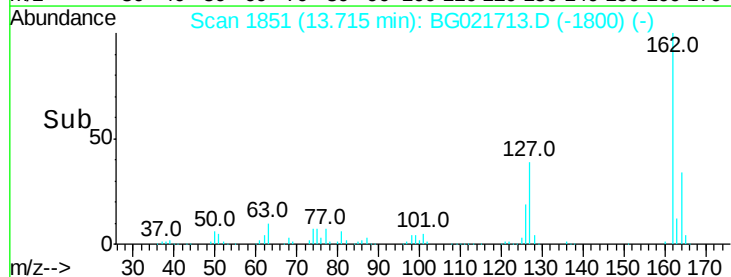
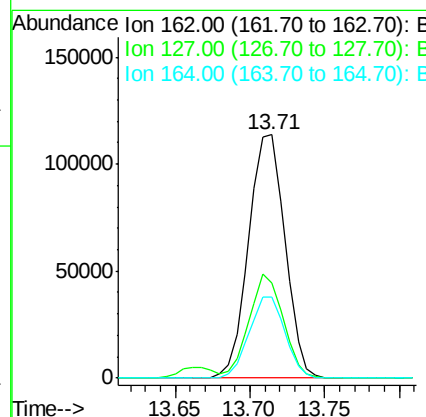
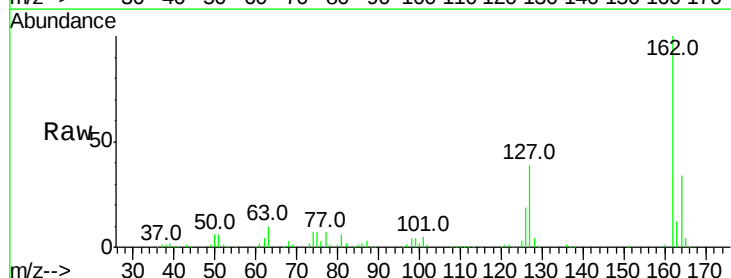
RT: 13.71 min Scan# 1851

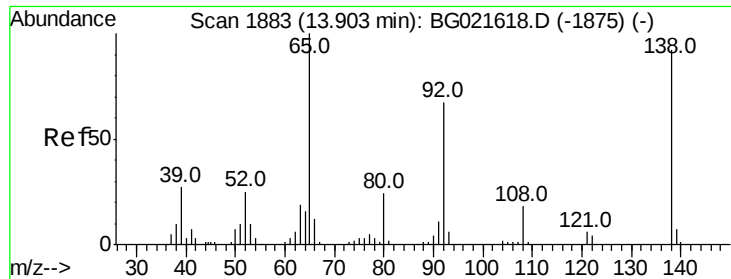
Delta R.T. -0.00 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Tgt Ion:	162	Resp:	191861
Ion Ratio	Lower	Upper	
162	100		
127	39.2	32.0	48.0
164	33.5	27.0	40.4





#47

2-Nitroaniline

Concen: 43.37 ng

RT: 13.91 min Scan# 1884

Delta R.T. 0.01 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Instrument :

BNA_G

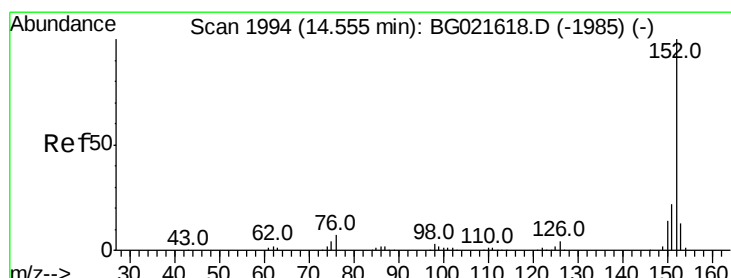
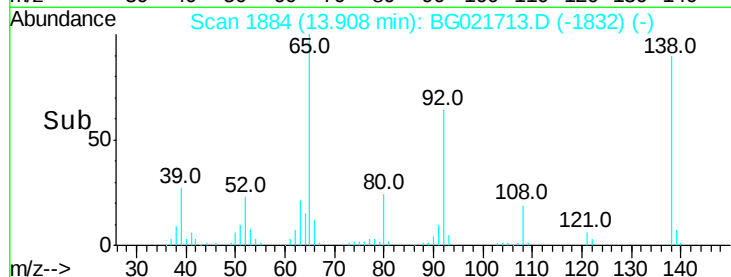
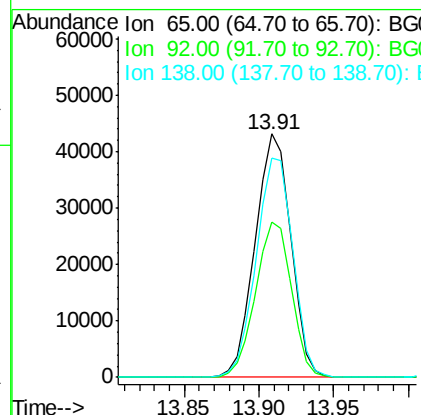
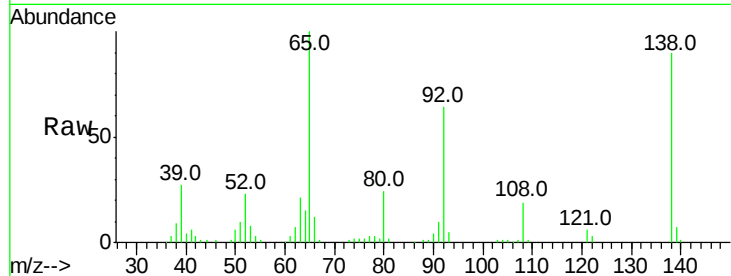
ClientSampleId :

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

Tot Ion:	65	Resp:	71334
Ion Ratio	Lower	Upper	
65	100		
92	63.7	49.2	73.8
138	90.2	75.0	112.6

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#48

Acenaphthylene

Concen: 39.59 ng

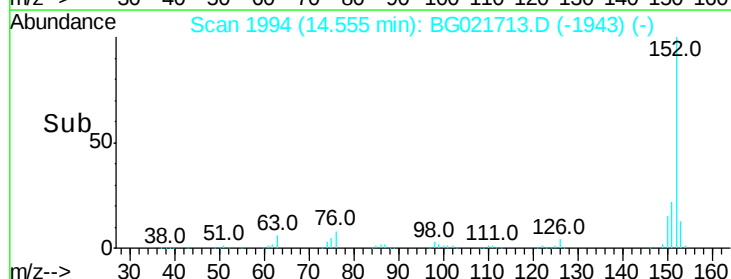
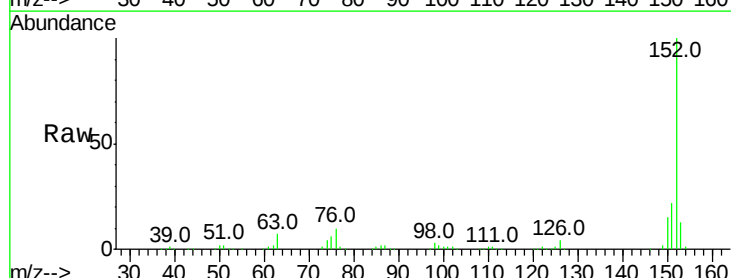
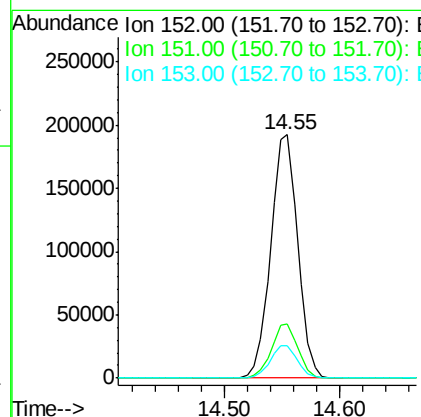
RT: 14.55 min Scan# 1994

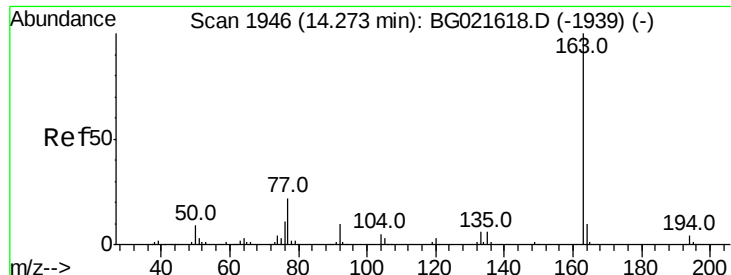
Delta R.T. -0.00 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Tgt Ion:	152	Resp:	313958
Ion Ratio	Lower	Upper	
152	100		
151	22.1	16.6	24.8
153	13.2	10.2	15.2





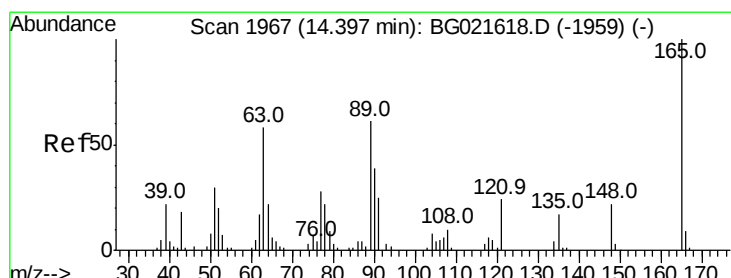
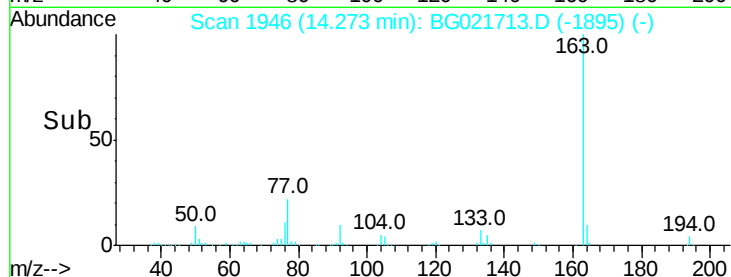
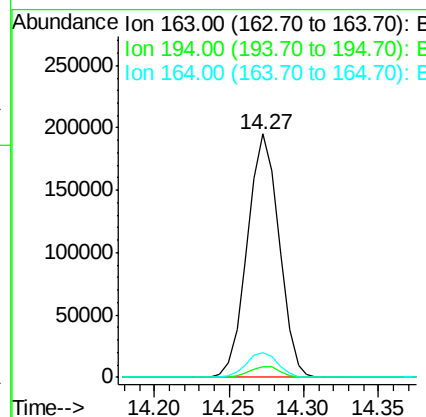
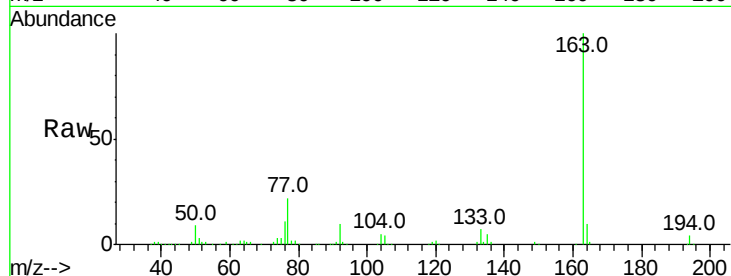
#49
Dimethylphthalate
Concen: 43.13 ng
RT: 14.27 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

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

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.4	3.0	4.6
164	10.4	8.1	12.1

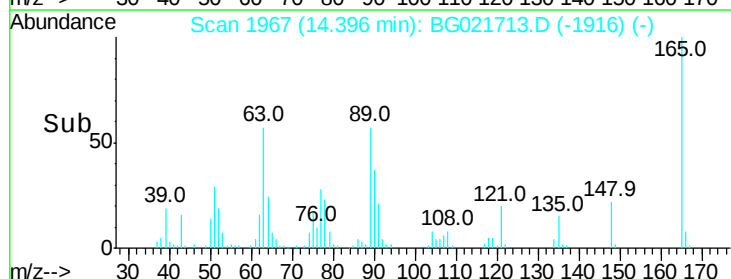
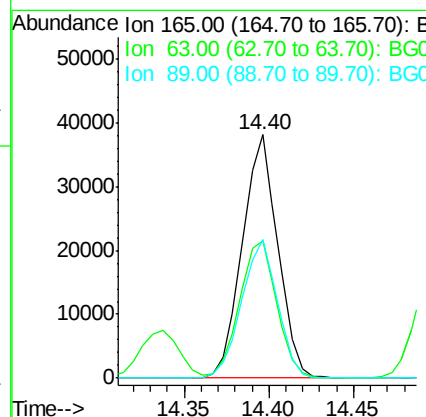
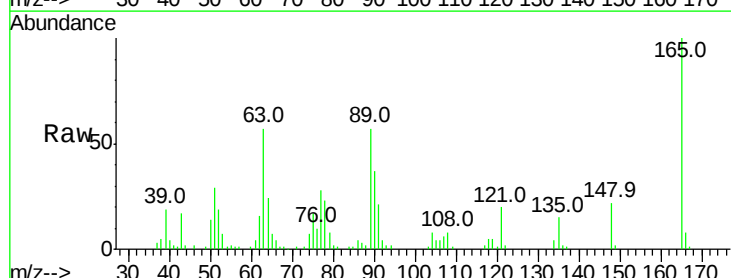
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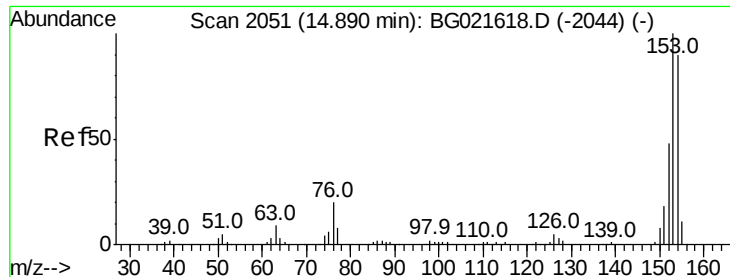
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#50
2,6-Dinitrotoluene
Concen: 43.82 ng
RT: 14.40 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	56.7	48.2	72.4
89	57.0	45.3	67.9





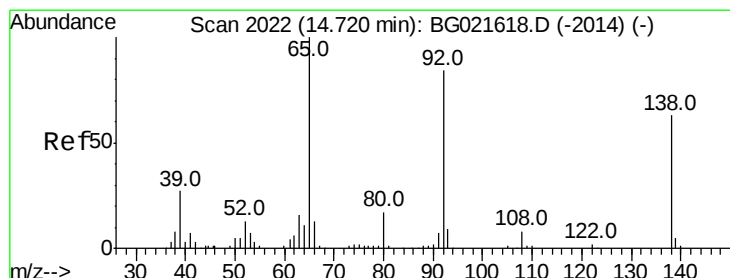
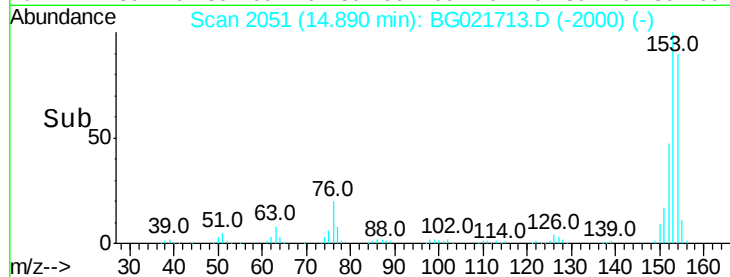
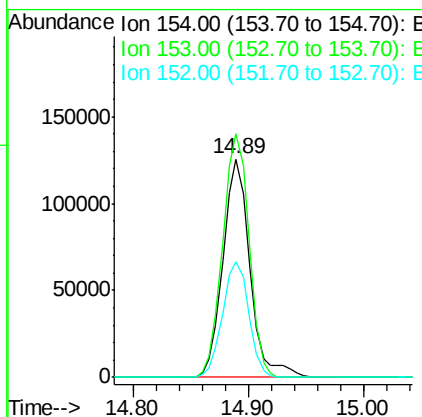
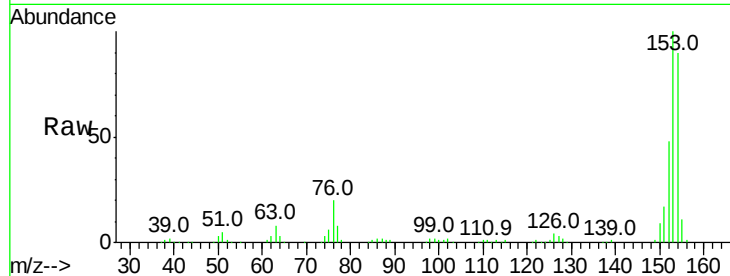
#51
Acenaphthene
Concen: 40.26 ng
RT: 14.89 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.4	91.9	137.9
152	53.1	42.0	63.0

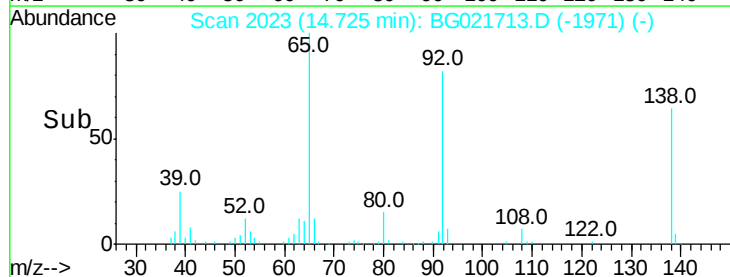
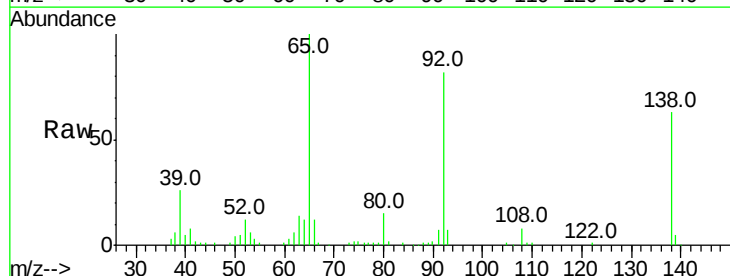
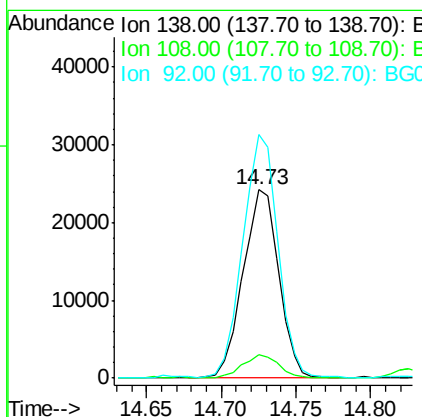
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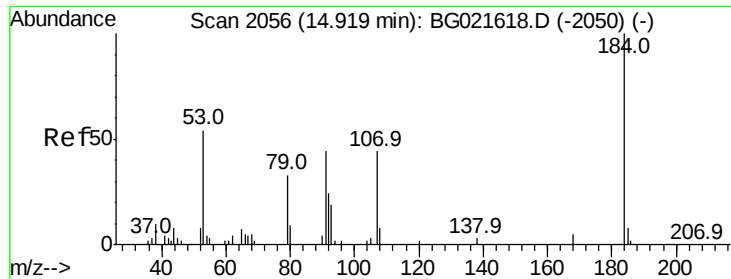
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#52
3-Nitroaniline
Concen: 28.40 ng
RT: 14.73 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.2	9.1	13.7
92	129.4	102.6	154.0





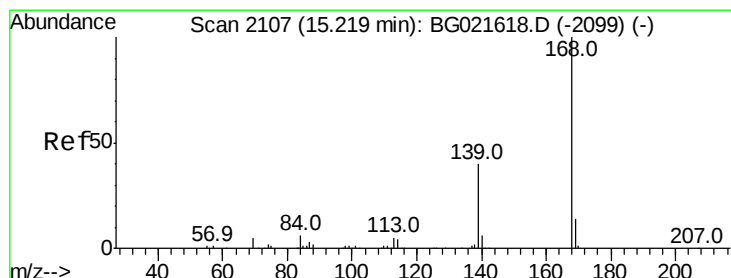
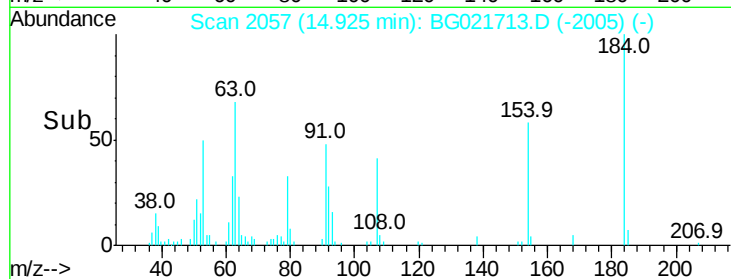
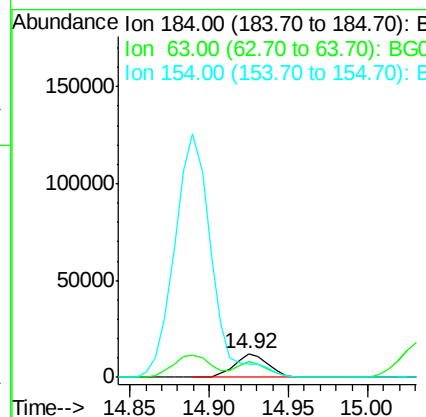
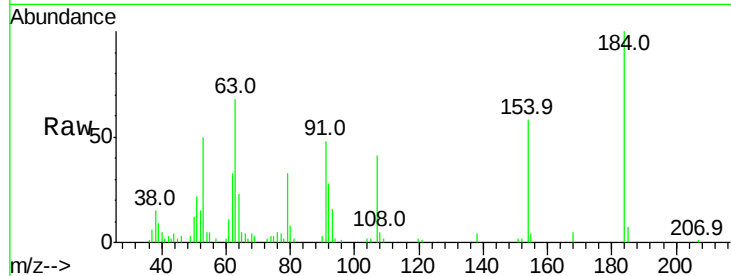
#53
2,4-Dinitrophenol
Concen: 41.38 ng
RT: 14.92 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

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

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	68.2	57.3	85.9	
154	57.5	55.2	82.8	

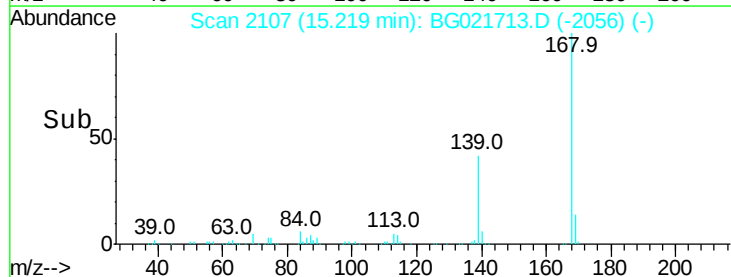
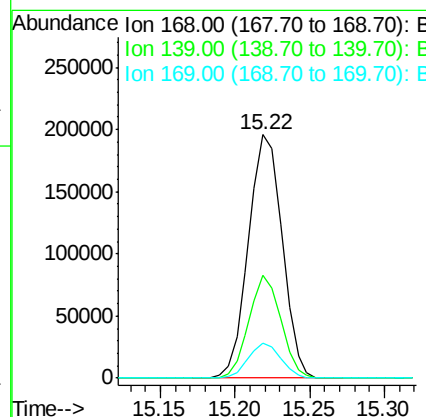
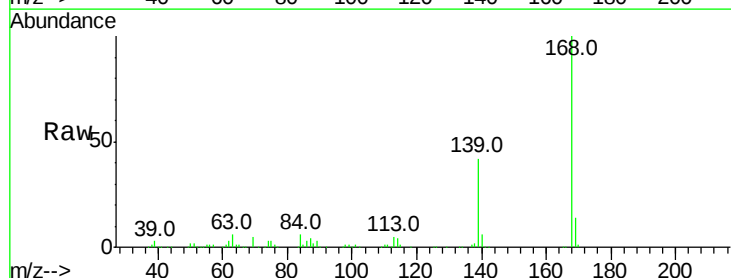
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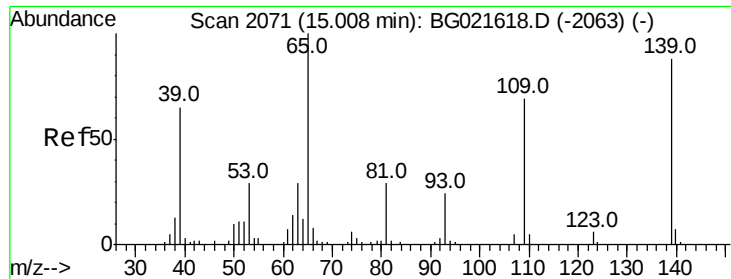
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#54
Dibenzofuran
Concen: 44.11 ng
RT: 15.22 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.0	31.1	46.7	
169	14.3	11.0	16.6	





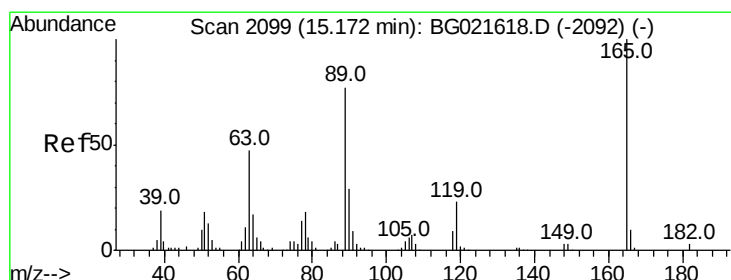
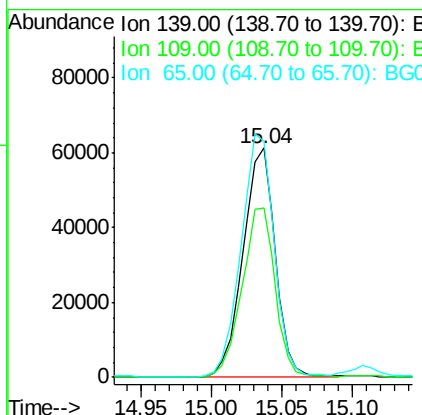
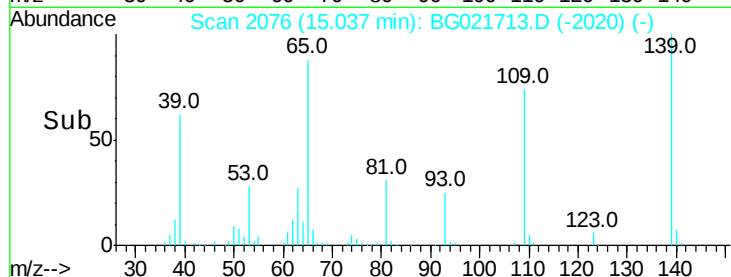
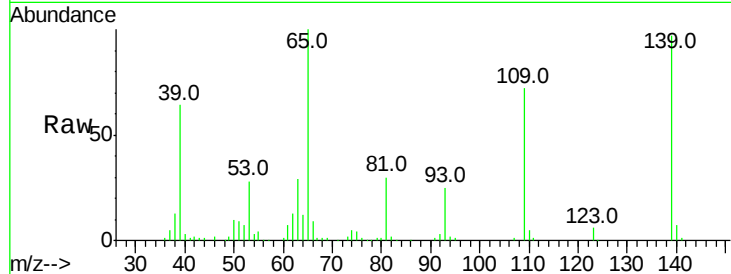
#55
4-Nitrophenol
Concen: 81.78 ng
RT: 15.04 min Scan# 2076
Delta R.T. 0.03 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

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

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	74.1	49.2	89.2	
65	103.3	83.2	123.2	

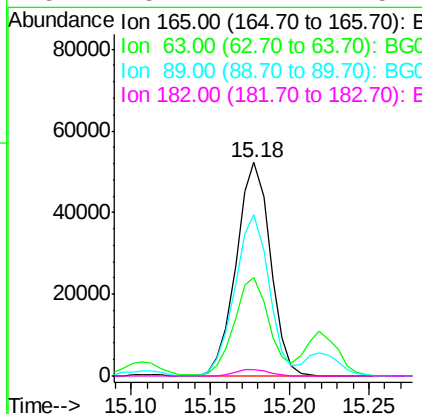
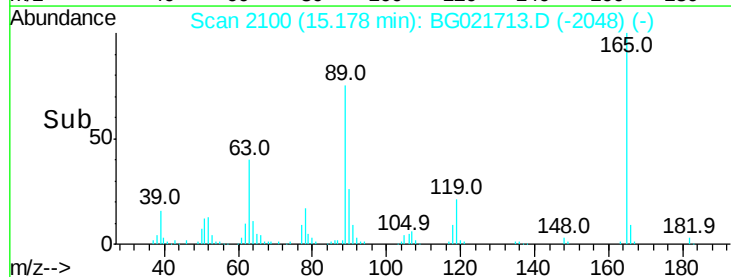
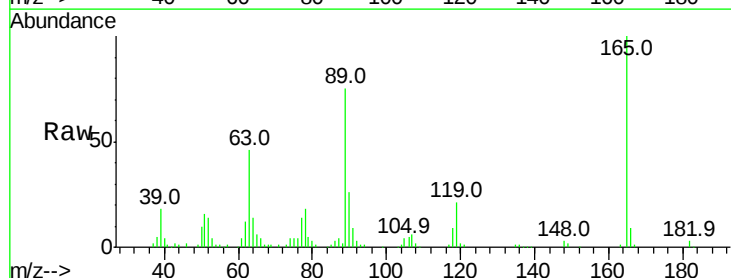
Manual Integrations
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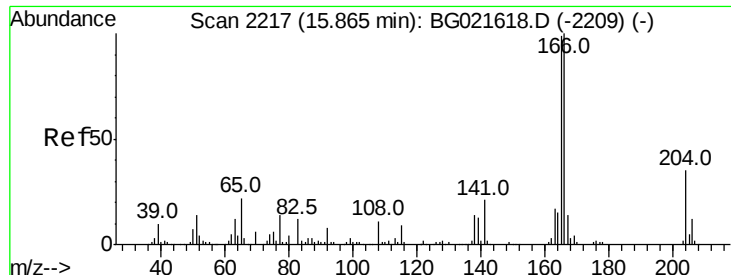
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#56
2,4-Dinitrotoluene
Concen: 45.76 ng
RT: 15.18 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.1	37.4	56.0	
89	75.4	59.4	89.0	
182	3.2	2.1	3.1#	





#57

Fluorene

Concen: 41.00 ng

RT: 15.86 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Instrument :

BNA_G

ClientSampleId :

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

Tot Ion:166 Resp: 253445

Ion Ratio Lower Upper

166 100

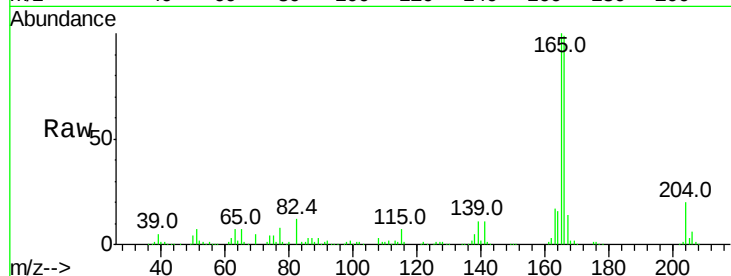
165 100.7 79.0 118.4

167 13.8 10.7 16.1

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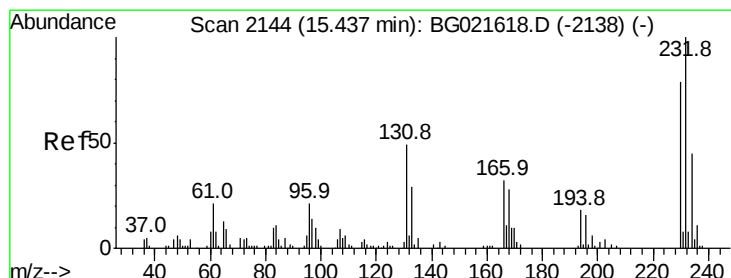
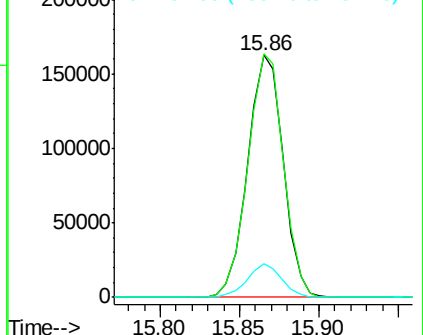
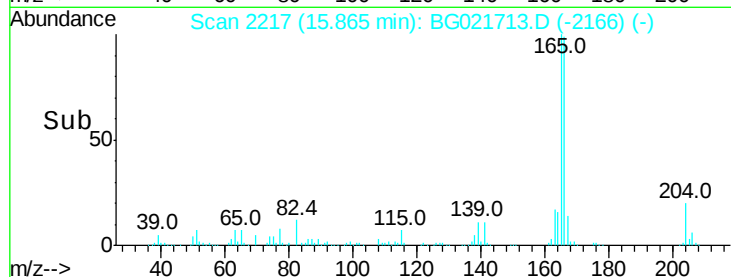
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.44 ng

RT: 15.44 min Scan# 2145

Delta R.T. 0.01 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Tgt Ion:232 Resp: 67920

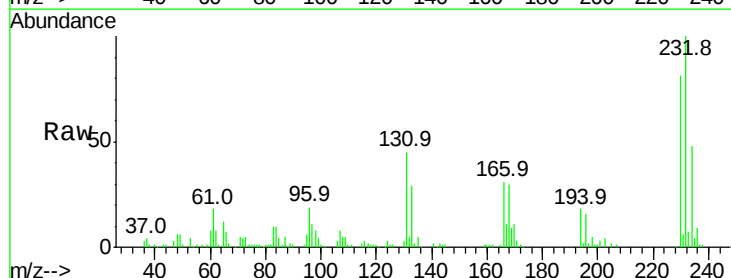
Ion Ratio Lower Upper

232 100

131 44.7 36.3 54.5

130 2.8 1.9 2.9

166 30.9 25.0 37.4

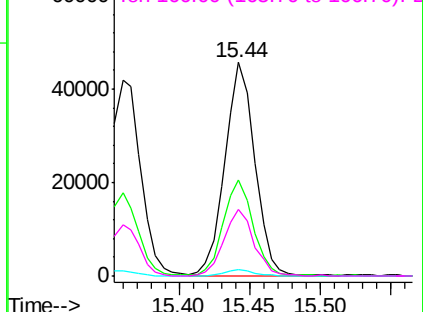
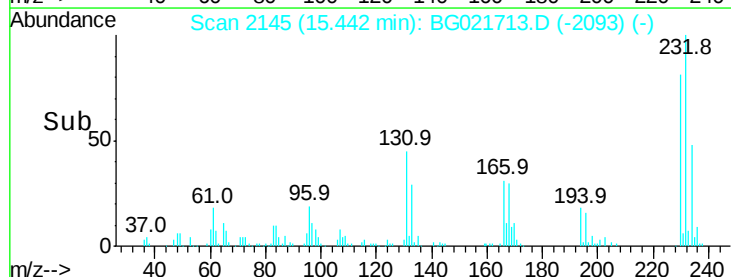


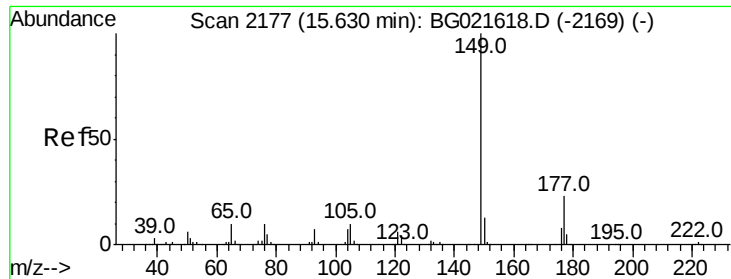
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





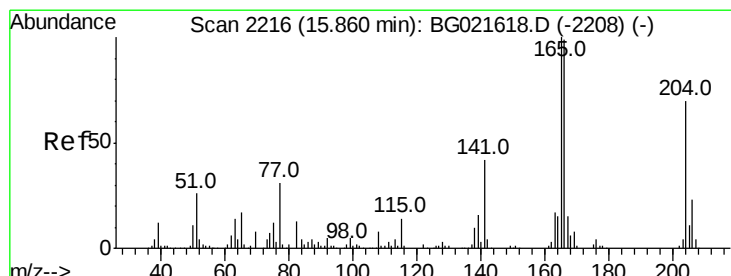
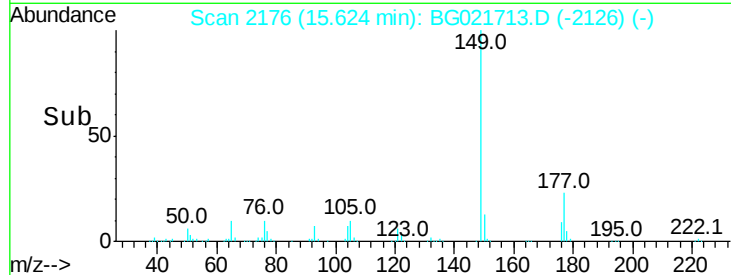
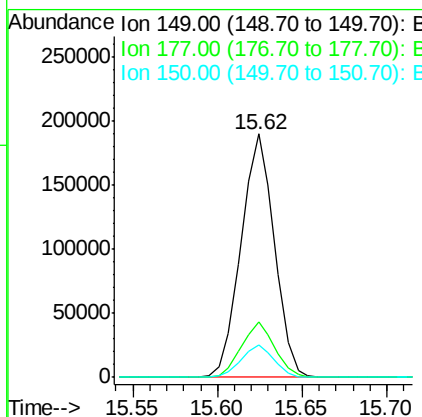
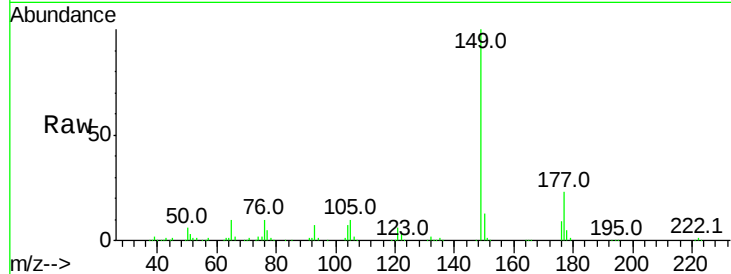
#59
Diethylphthalate
Concen: 37.55 ng
RT: 15.62 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	260964		
177	22.9	17.3	25.9	
150	13.2	9.7	14.5	

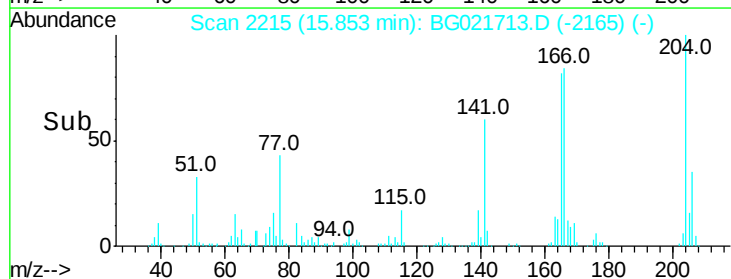
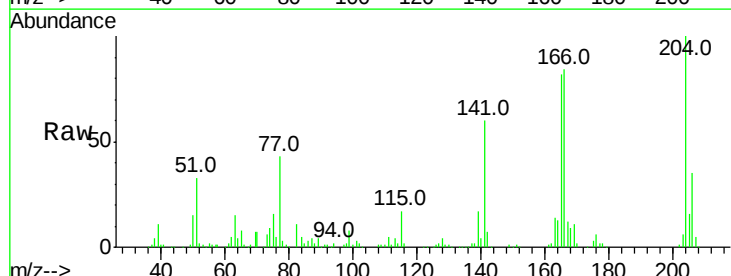
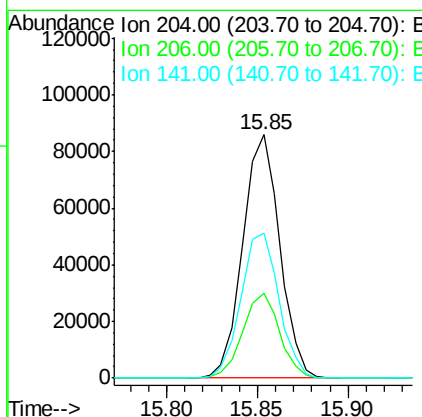
Manual Integrations
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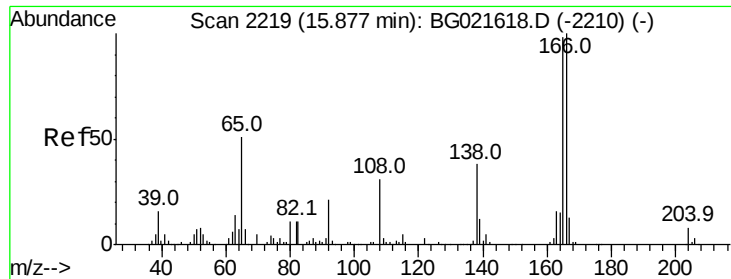
Sohil
4/18/2016 7:21:52 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.96 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	121694		
206	35.0	27.8	41.8	
141	59.7	51.0	76.4	





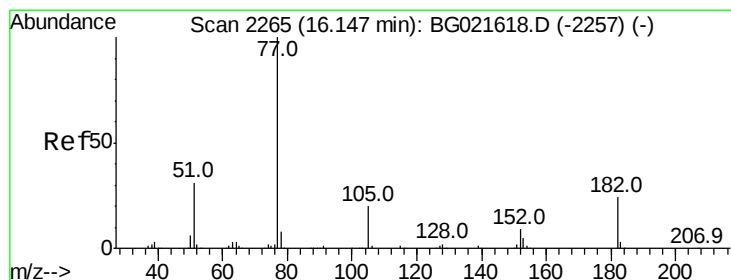
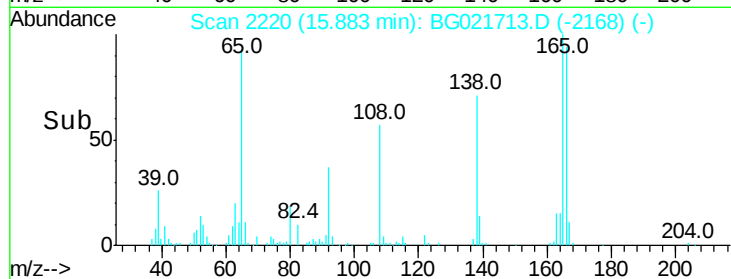
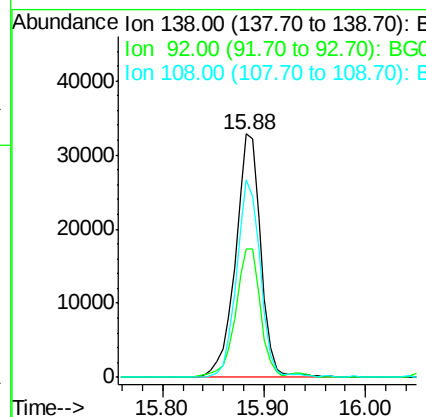
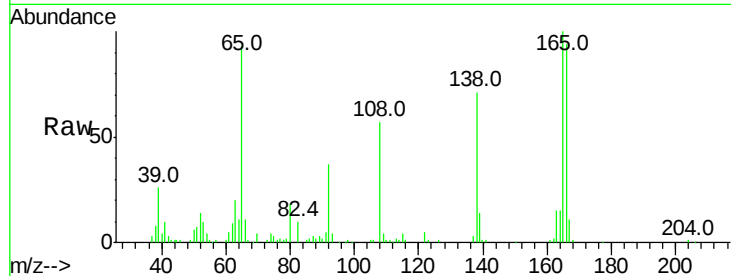
#61
 4-Nitroaniline
 Concen: 36.42 ng
 RT: 15.88 min Scan# 2220
 Delta R.T. 0.01 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

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

Tot Ion:	138	Resp:	56419
Ion Ratio	Lower	Upper	
138	100		
92	52.6	37.7	77.7
108	81.3	59.4	99.4

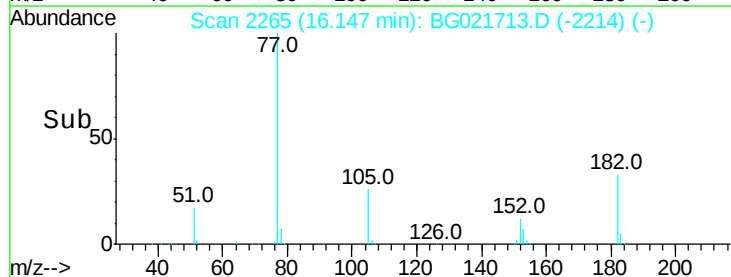
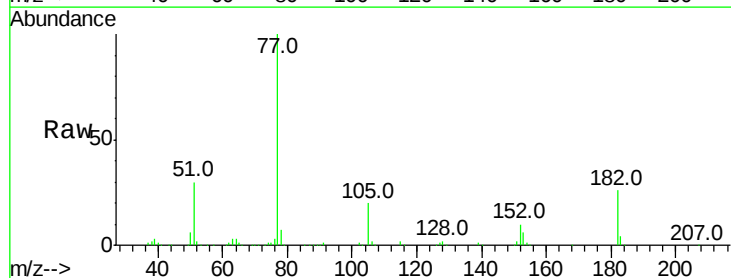
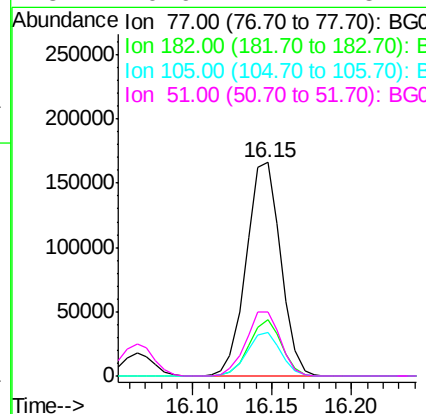
Manual Integrations
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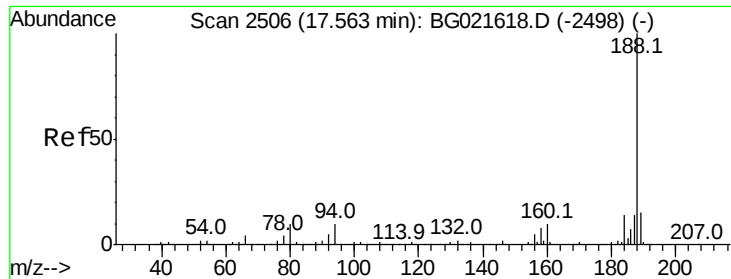
Sohil
 4/18/2016 7:21:52 PM



#62
 Azobenzene
 Concen: 42.01 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

Tgt Ion:	77	Resp:	250198
Ion Ratio	Lower	Upper	
77	100		
182	26.2	4.1	44.1
105	20.2	0.0	39.8
51	29.9	11.1	51.1





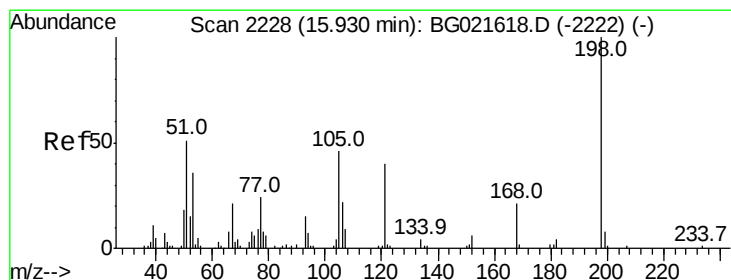
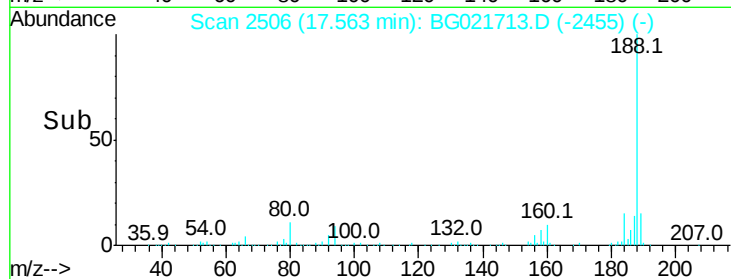
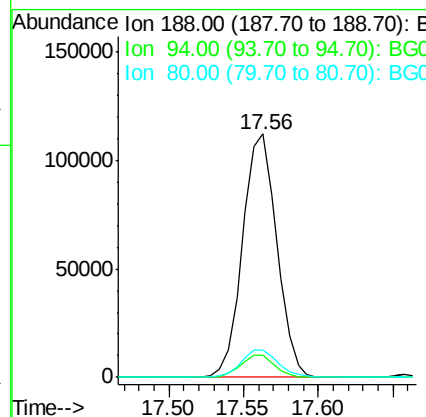
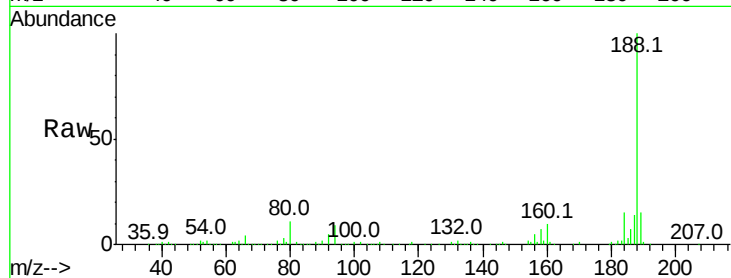
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

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

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.2	7.5	11.3
80	11.0	8.6	13.0

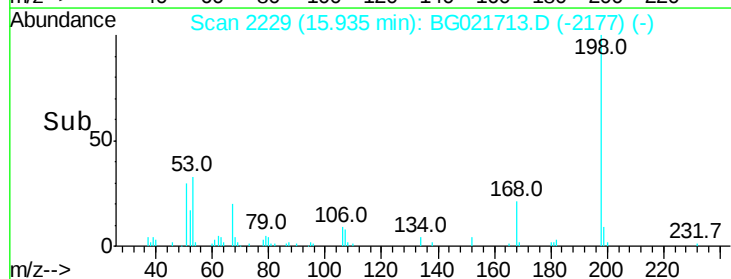
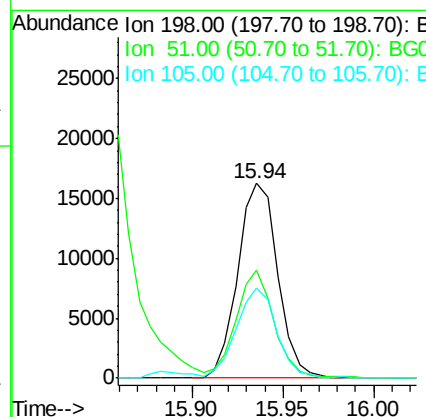
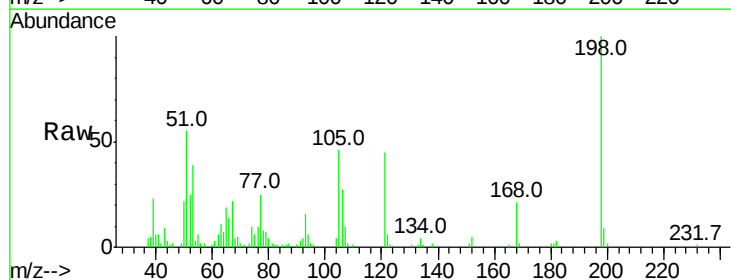
Manual Integrations
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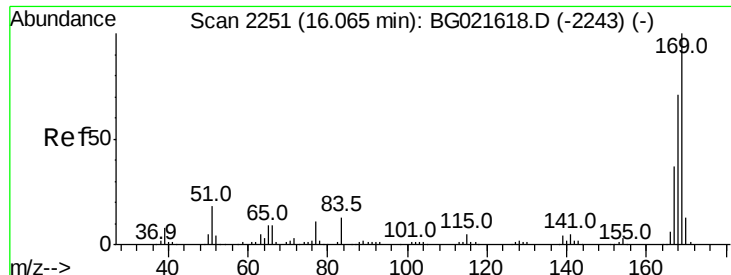
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.12 ng
RT: 15.94 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	55.4	29.2	69.2
105	46.4	24.0	64.0





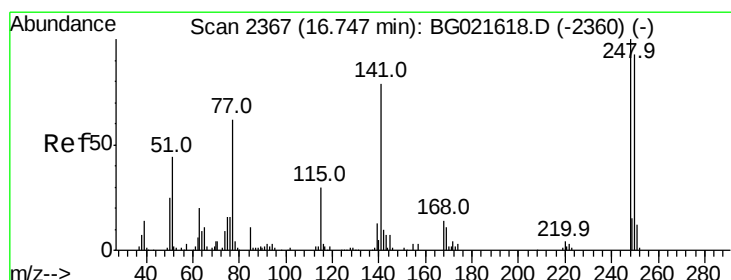
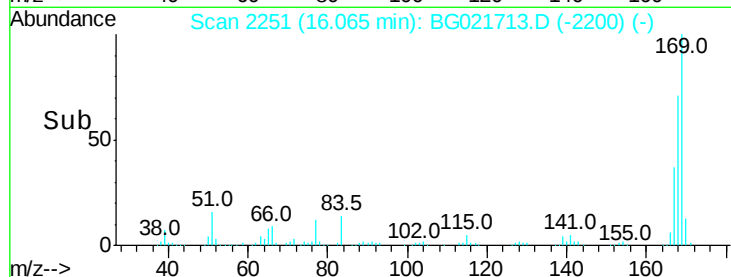
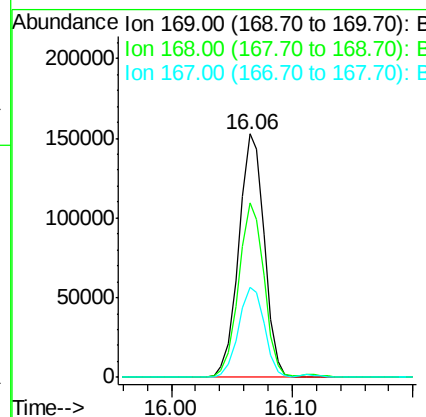
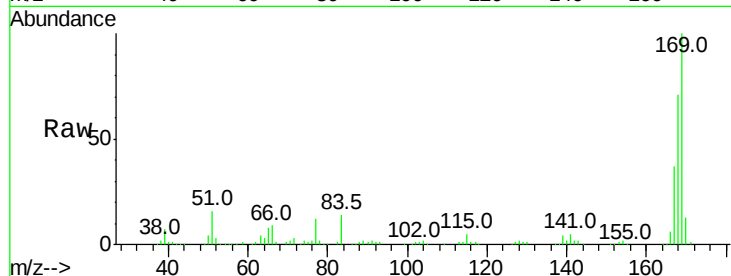
#65
 n-Nitrosodiphenylamine
 Concen: 42.13 ng
 RT: 16.06 min Scan# 2251
 Delta R.T. -0.00 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

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

Tot Ion	Ratio	Resp	Lower	Upper
169	100	224923		
168	71.5	59.6	89.4	
167	36.7	31.2	46.8	

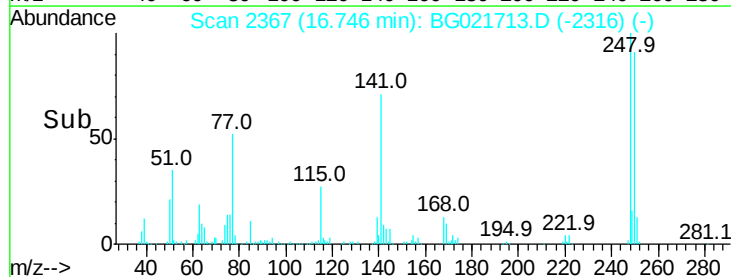
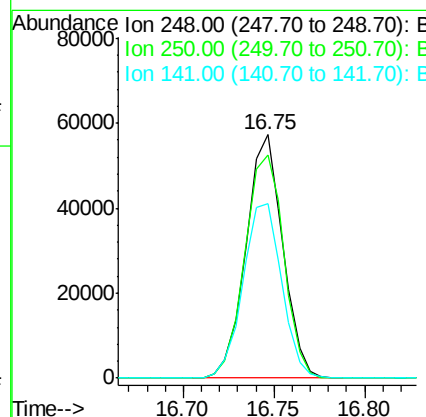
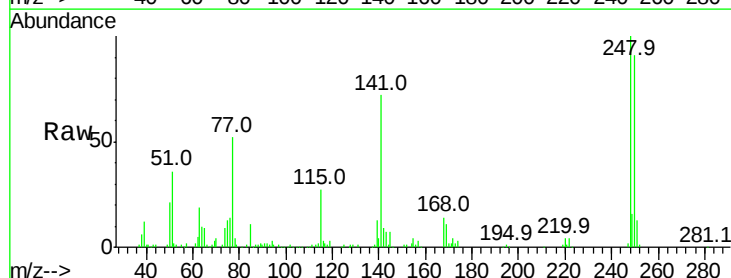
Manual Integrations
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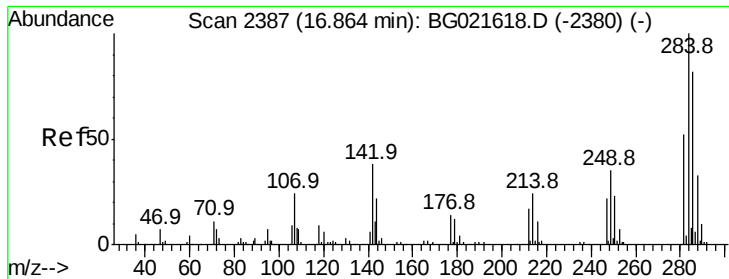
Sohil
 4/18/2016 7:21:52 PM



#66
 4-Bromophenyl-phenylether
 Concen: 42.30 ng
 RT: 16.75 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	80686		
250	91.4	76.6	114.8	
141	71.5	63.8	95.6	





#67

Hexachlorobenzene

Concen: 42.35 ng

RT: 16.86 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Instrument :

BNA_G

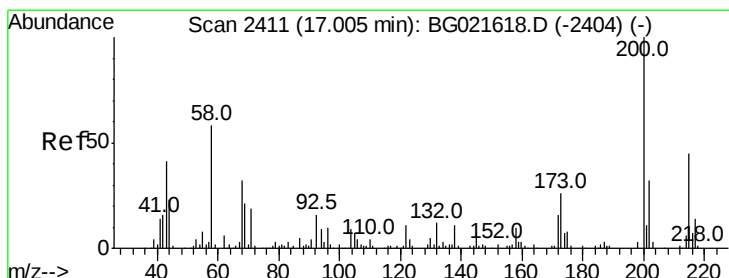
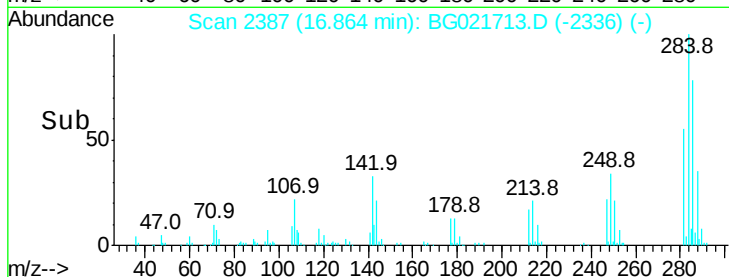
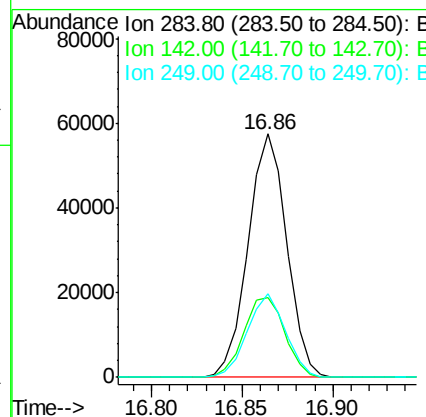
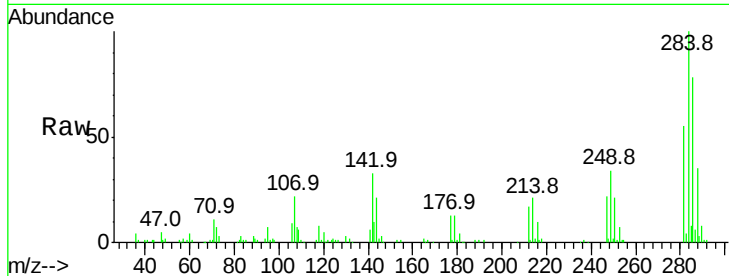
ClientSampleId :

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

Tot Ion:	284	Resp:	85268
Ion Ratio	Lower	Upper	
284	100		
142	33.0	31.8	47.6
249	34.4	27.3	40.9

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#68

Atrazine

Concen: 40.88 ng

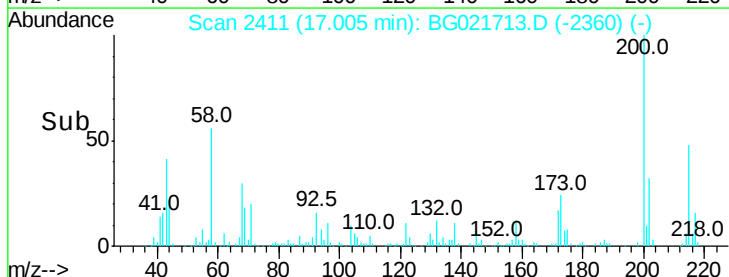
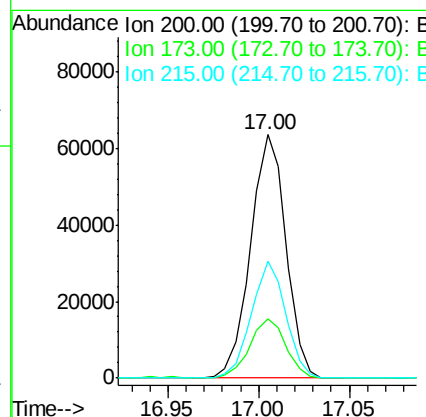
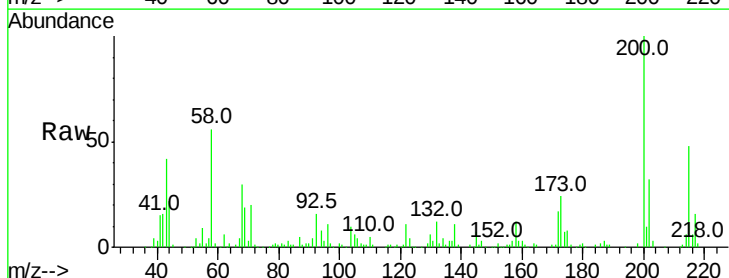
RT: 17.00 min Scan# 2411

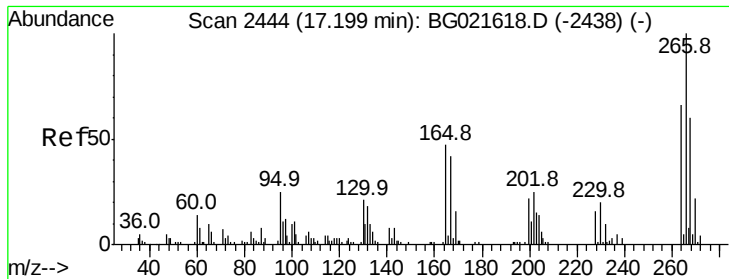
Delta R.T. -0.00 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Tgt Ion:	200	Resp:	86200
Ion Ratio	Lower	Upper	
200	100		
173	24.2	5.1	45.1
215	48.0	28.0	68.0





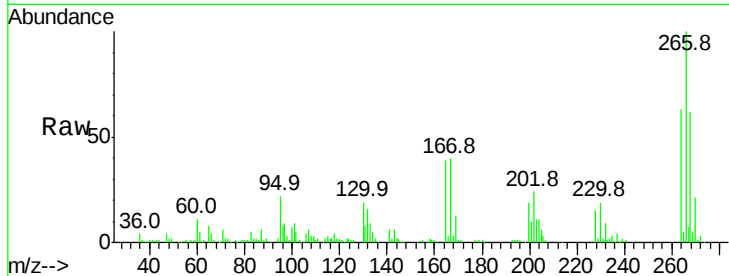
#69
 Pentachlorophenol
 Concen: 79.28 ng
 RT: 17.21 min Scan# 2446
 Delta R.T. 0.01 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

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

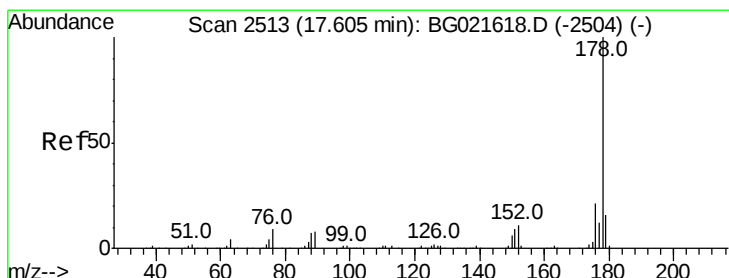
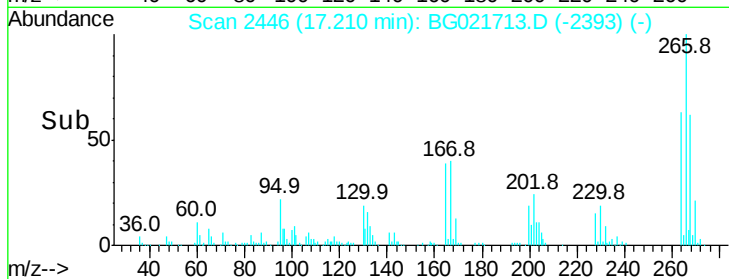
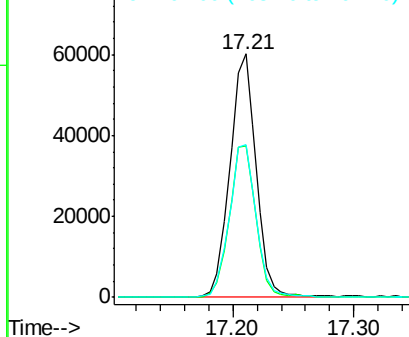
Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.1	54.5	81.7	
264	62.5	53.8	80.6	

Manual Integrations
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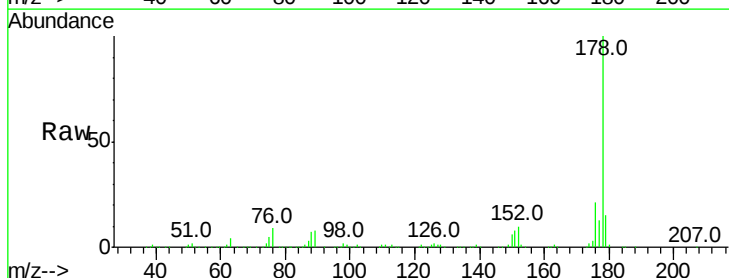


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

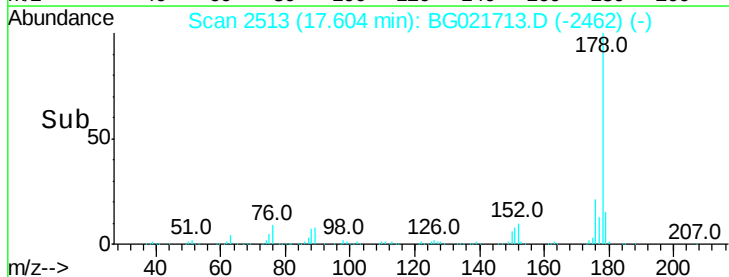
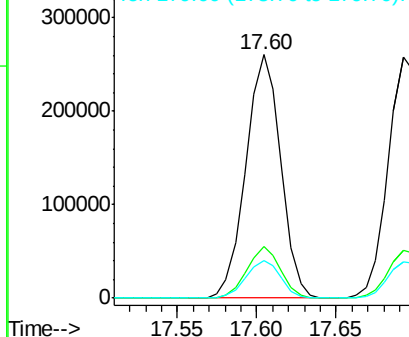


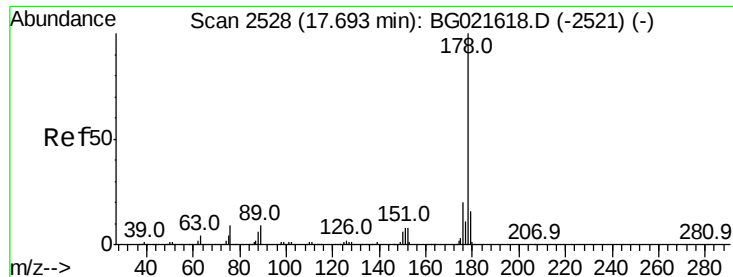
#70
 Phenanthrene
 Concen: 40.54 ng
 RT: 17.60 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	21.4	16.2	24.4	
179	15.5	12.0	18.0	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





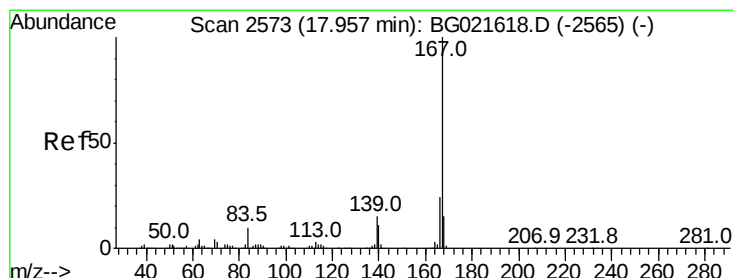
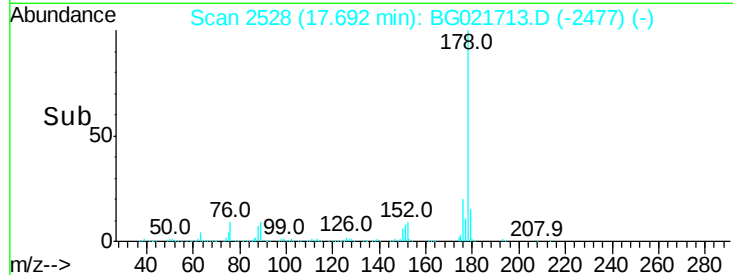
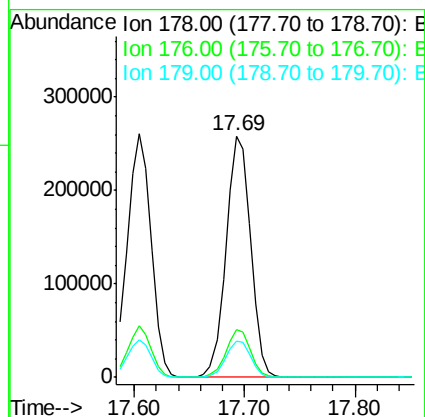
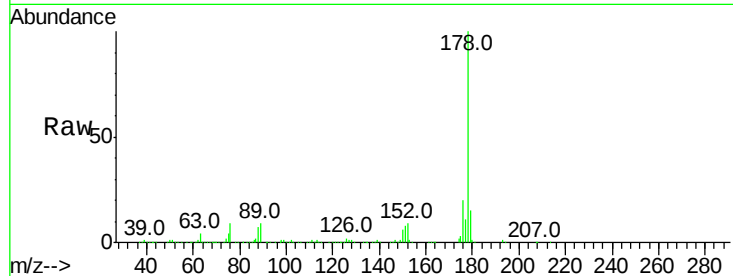
#71
 Anthracene
 Concen: 40.38 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

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

Tot Ion:178	Resp: 402245
Ion Ratio	Lower Upper
178 100	
176 20.0	15.0 22.4
179 15.3	12.2 18.4

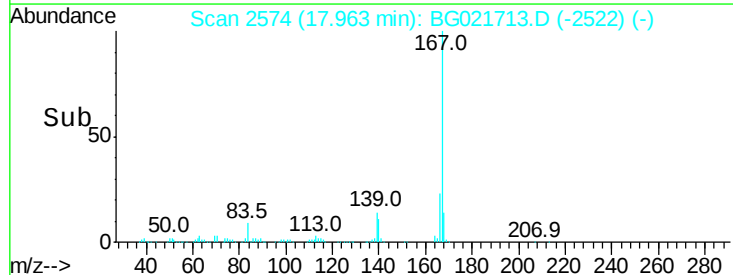
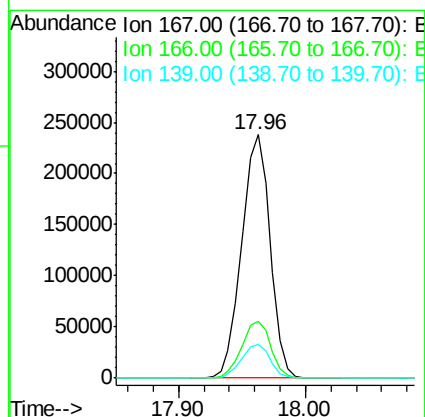
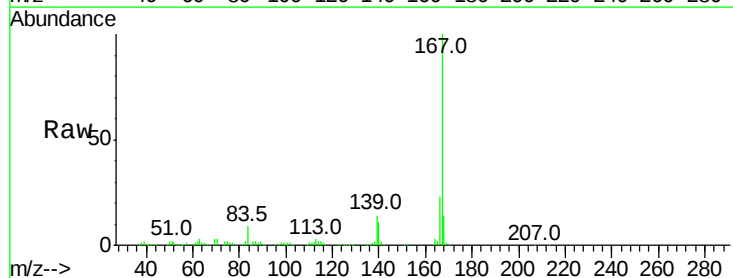
Manual Integrations
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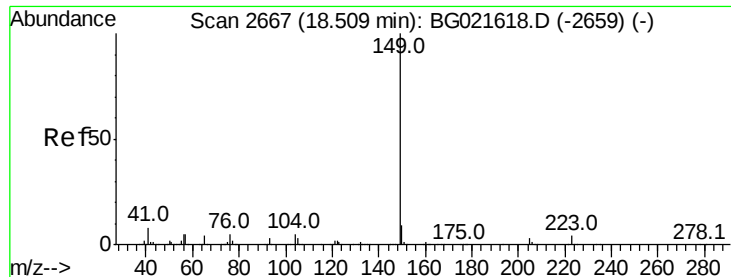
Sohil
 4/18/2016 7:21:52 PM



#72
 Carbazole
 Concen: 39.90 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. 0.01 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

Tgt Ion:167	Resp: 370952
Ion Ratio	Lower Upper
167 100	
166 23.5	18.6 27.8
139 13.8	10.6 15.8





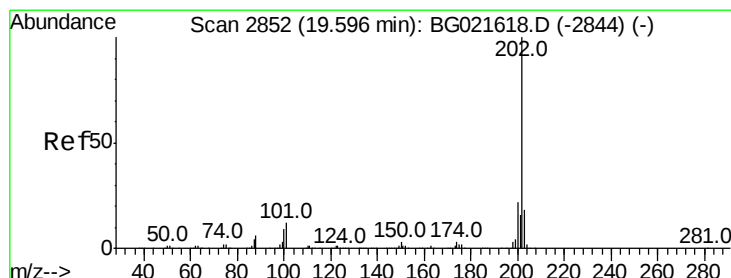
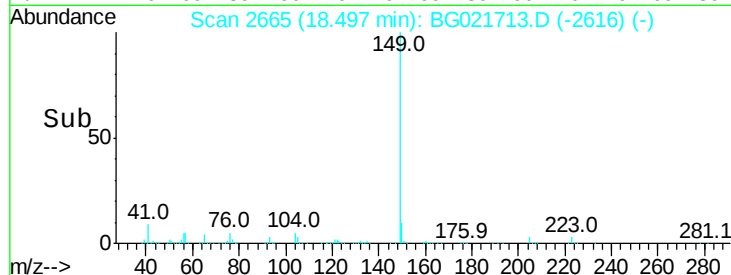
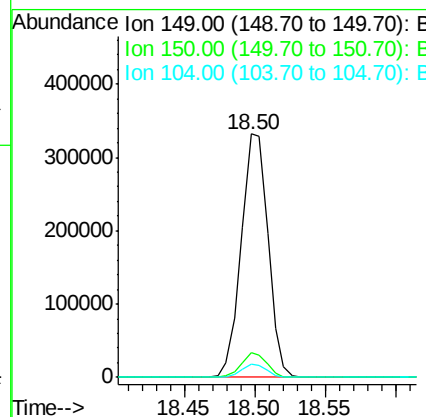
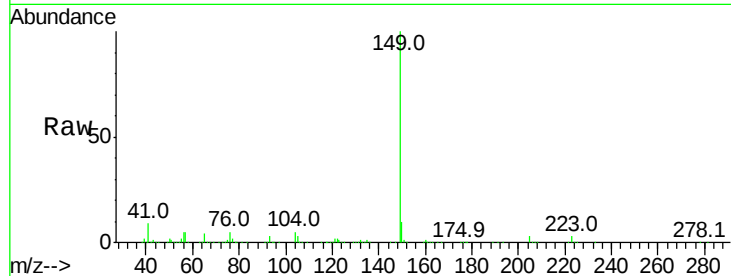
#73
Di-n-butylphthalate
Concen: 37.37 ng
RT: 18.50 min Scan# 2665
Delta R.T. -0.01 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

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

Tot Ion:	149	Resp:	441905
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.4	11.0
104	5.3	4.0	6.0

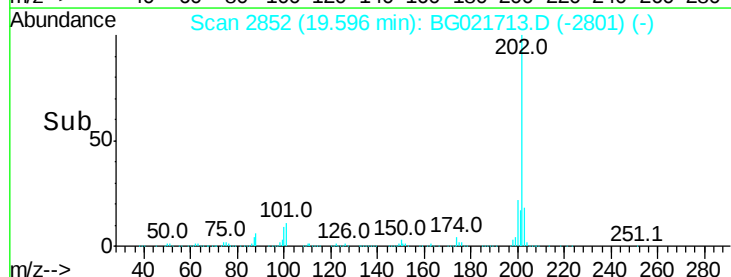
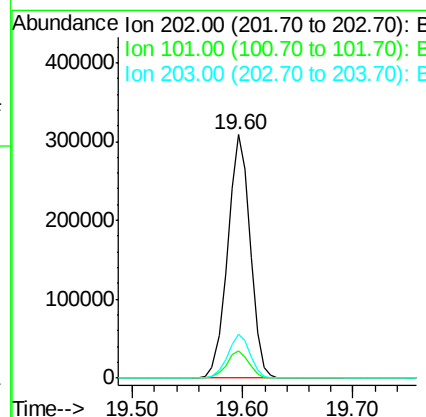
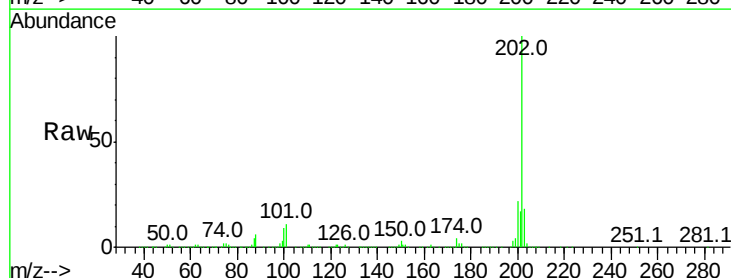
Manual Integrations
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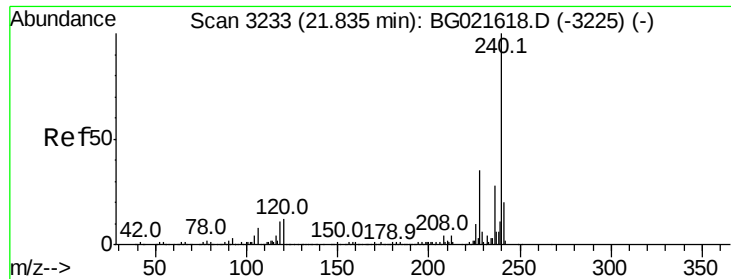
Sohil
4/18/2016 7:21:52 PM



#74
Fluoranthene
Concen: 37.53 ng
RT: 19.60 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

Tgt Ion:	202	Resp:	439673
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	31.0
203	18.0	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: BG021713.D

Acq: 16 Apr 2016 12:03

Instrument :

BNA_G

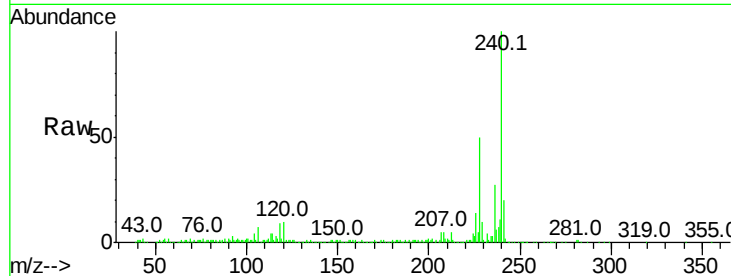
ClientSampleId :

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

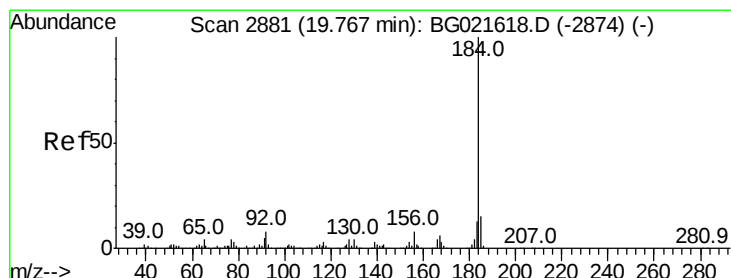
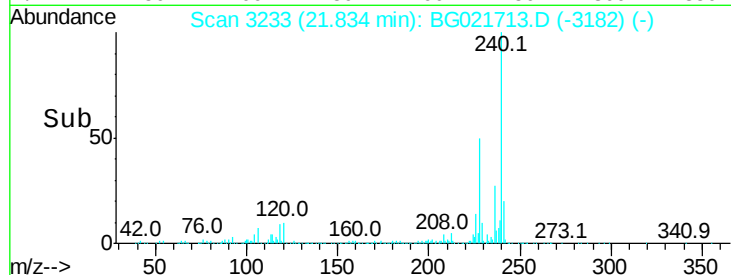
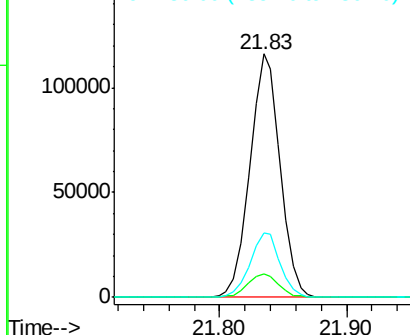
Tot Ion:	240	Resp:	192063
Ion Ratio	Lower	Upper	
240	100		
120	9.8	8.4	12.6
236	26.7	19.6	29.4

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.41 ng

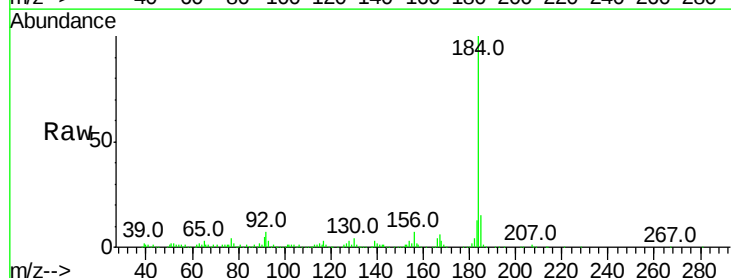
RT: 19.77 min Scan# 2882

Delta R.T. 0.01 min

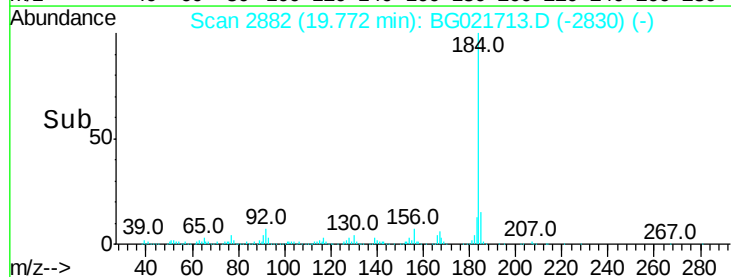
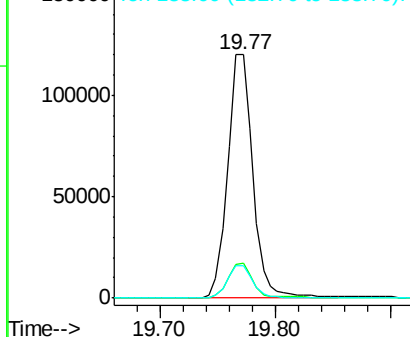
Lab File: BG021713.D

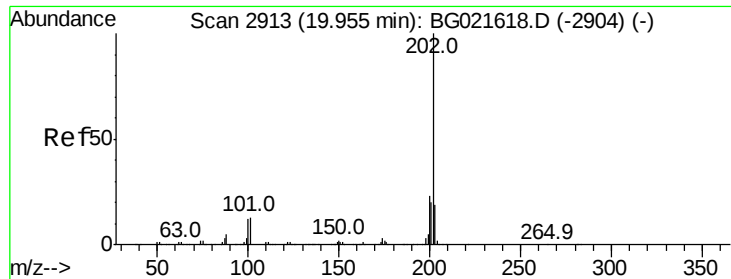
Acq: 16 Apr 2016 12:03

Tgt Ion:	184	Resp:	181880
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.5	17.3
183	13.5	10.2	15.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.58 ng

RT: 19.96 min Scan# 2914

Delta R.T. 0.01 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Instrument :

BNA_G

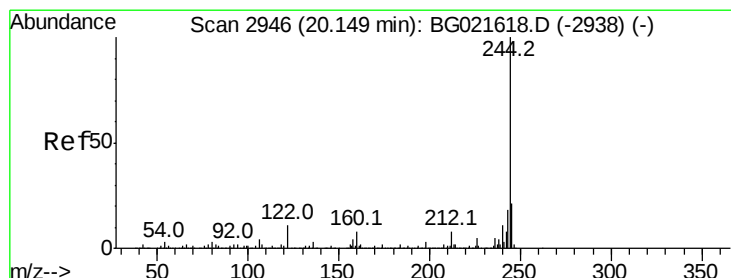
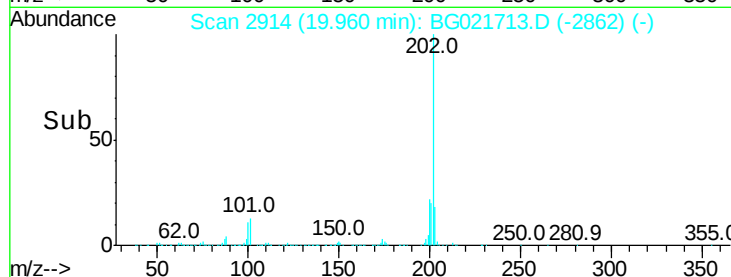
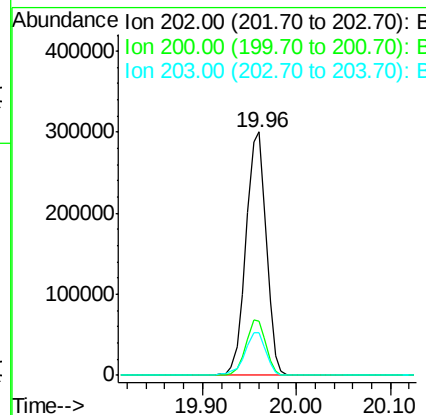
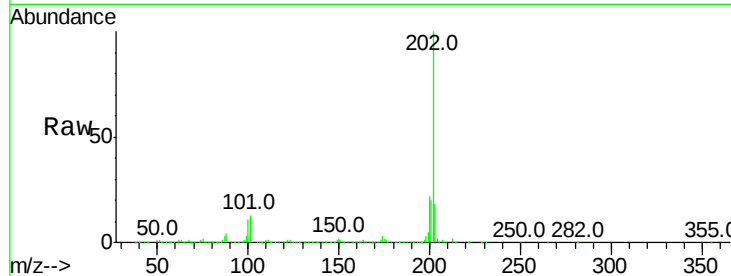
ClientSampleId :

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		449421		
200	22.4	18.2		27.2	
203	17.5	15.0		22.4	

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#78

Terphenyl-d14

Concen: 77.76 ng

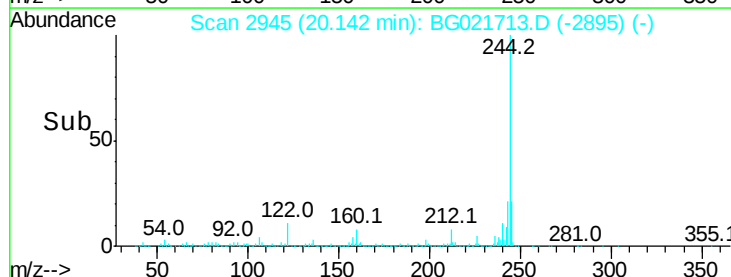
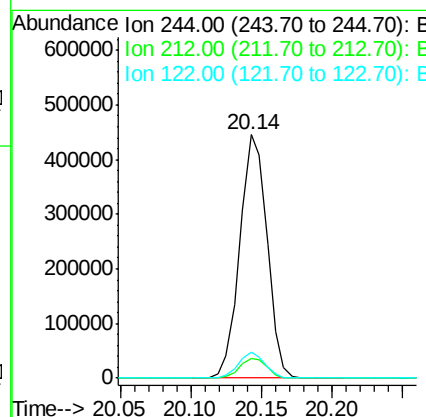
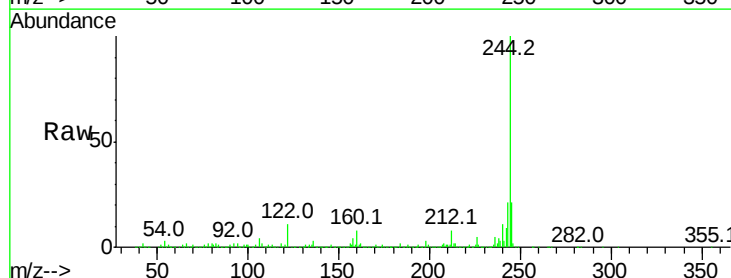
RT: 20.14 min Scan# 2945

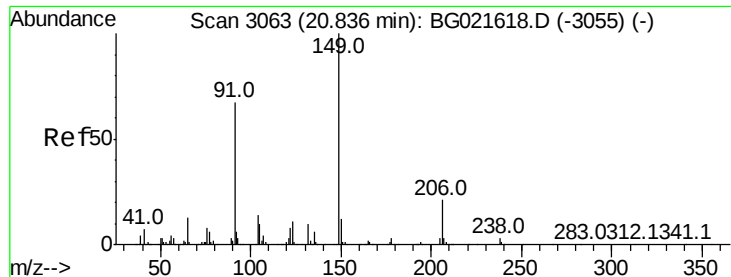
Delta R.T. -0.01 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		598533		
212	8.1	6.5		9.7	
122	10.9	8.6		12.8	





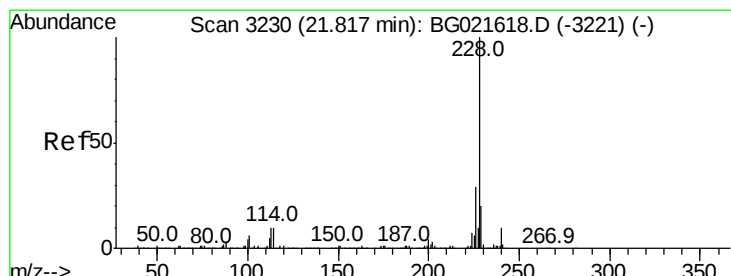
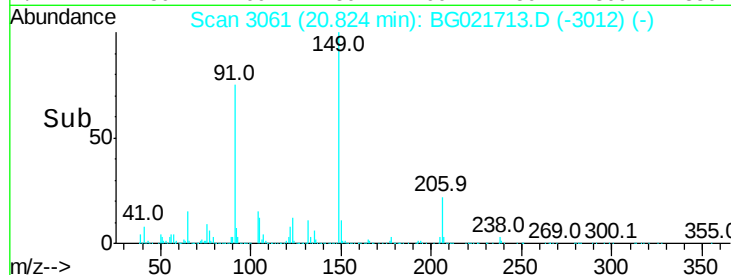
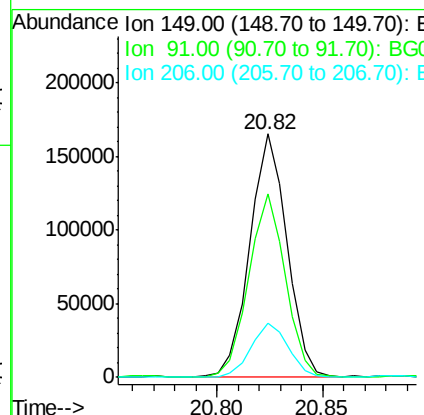
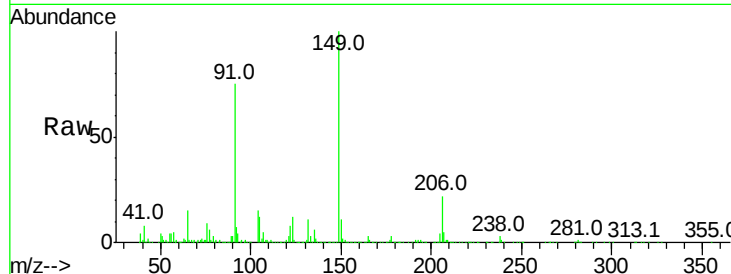
#79
Butylbenzylphthalate
Concen: 39.04 ng
RT: 20.82 min Scan# 3061
Delta R.T. -0.01 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	200678		
91	75.1	57.8	86.8	
206	22.5	17.0	25.4	

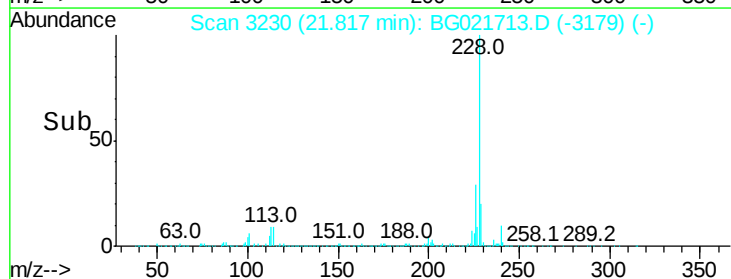
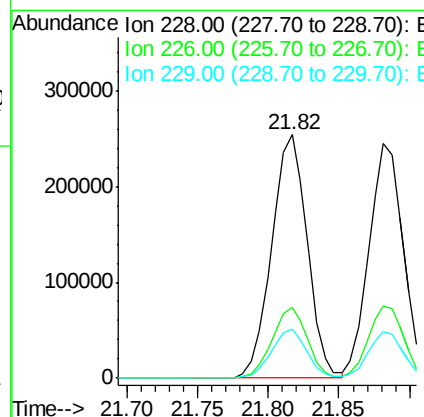
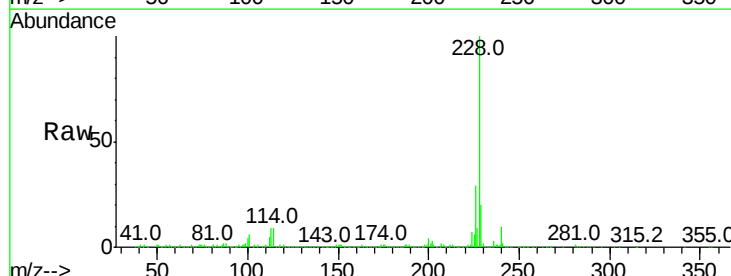
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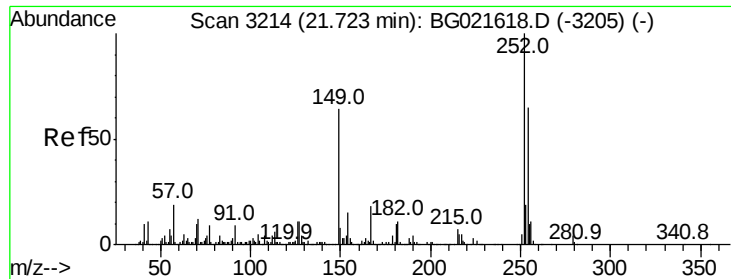
Sohil
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#80
Benzo(a)anthracene
Concen: 40.56 ng
RT: 21.82 min Scan# 3230
Delta R.T. -0.00 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	448320		
226	29.1	22.6	34.0	
229	20.1	16.1	24.1	





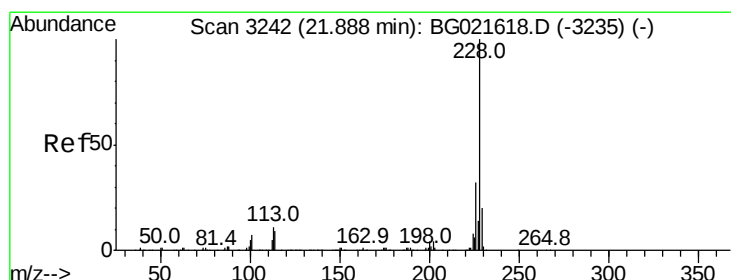
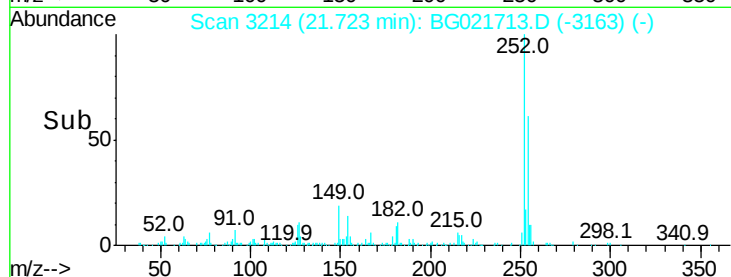
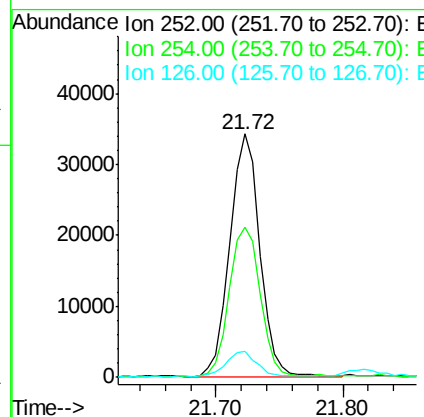
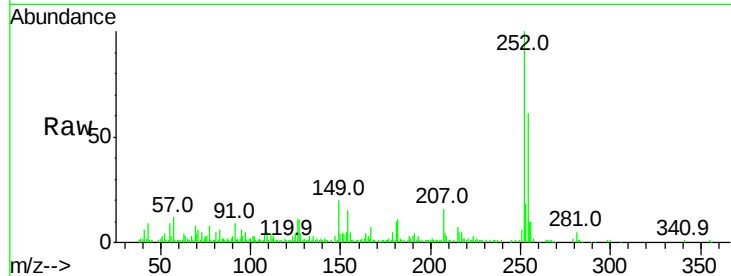
#81
 3,3'-Dichlorobenzidine
 Concen: 6.47 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100	56584		
254	61.4	51.8	77.6	
126	10.8	8.8	13.2	

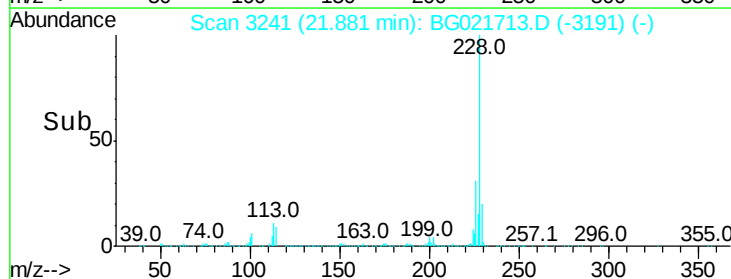
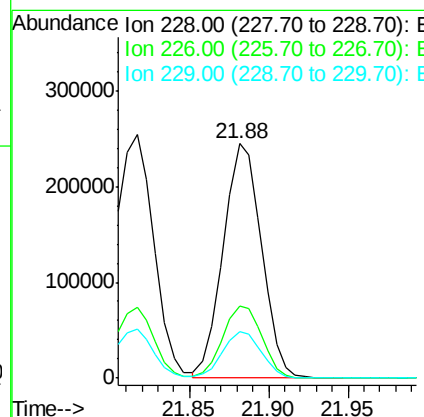
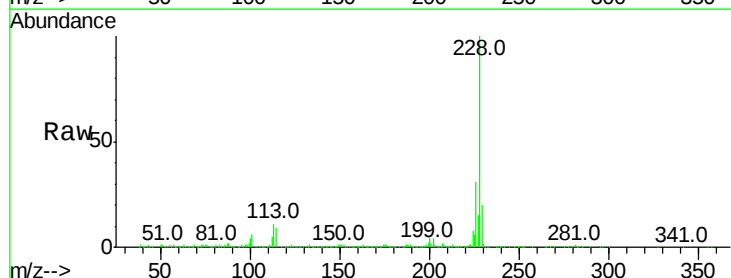
Manual Integrations
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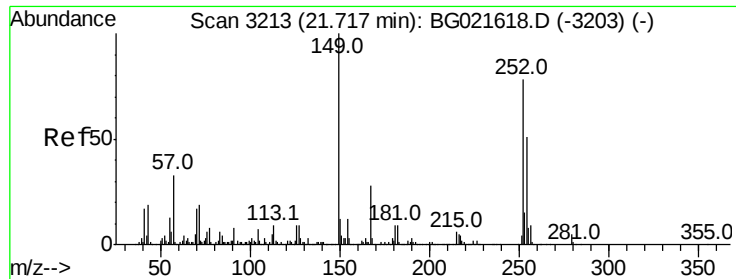
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#82
 Chrysene
 Concen: 38.61 ng
 RT: 21.88 min Scan# 3241
 Delta R.T. -0.01 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	410010		
226	30.9	25.4	38.0	
229	20.0	15.9	23.9	





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.72 ng

RT: 21.70 min Scan# 3210

Delta R.T. -0.02 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Instrument :

BNA_G

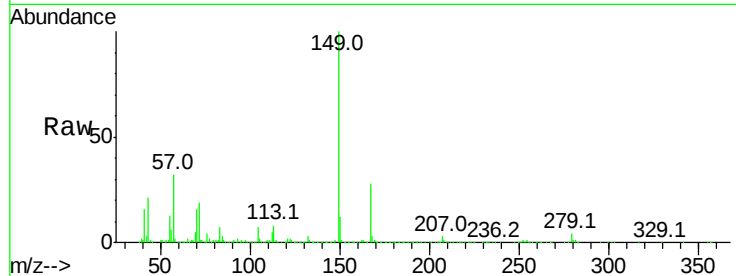
ClientSampleId :

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

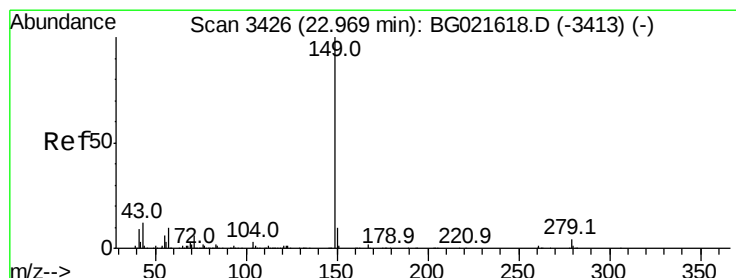
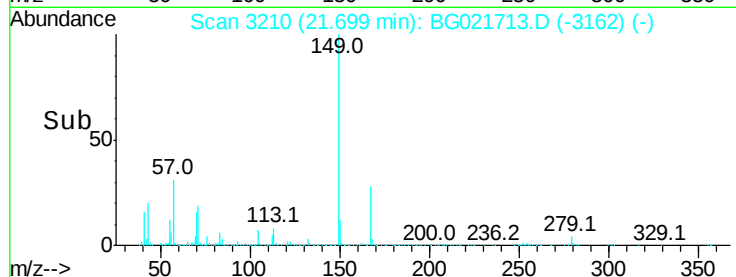
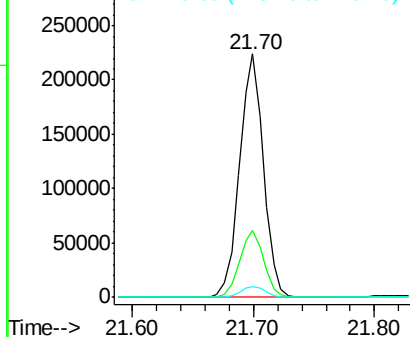
Tot Ion:	149	Resp:	306140
Ion Ratio		Lower	Upper
149	100		
167	27.6	22.4	33.6
279	4.4	3.2	4.8

Manual Integrations
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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: 40.75 ng

RT: 22.94 min Scan# 3422

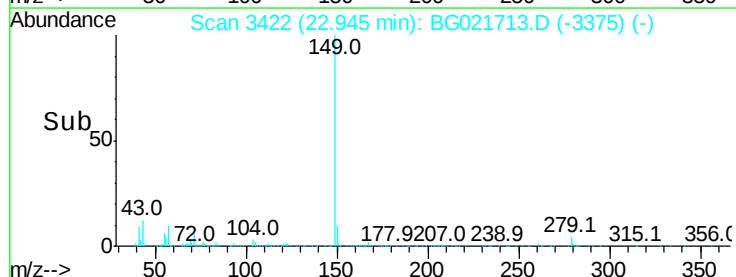
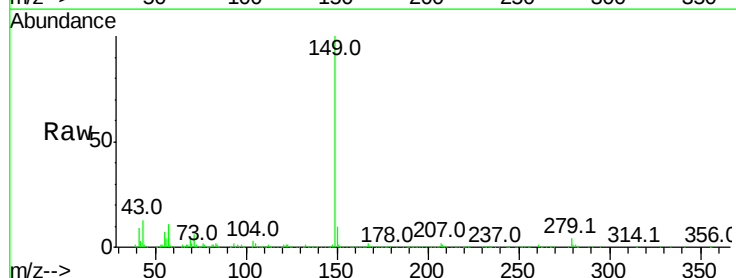
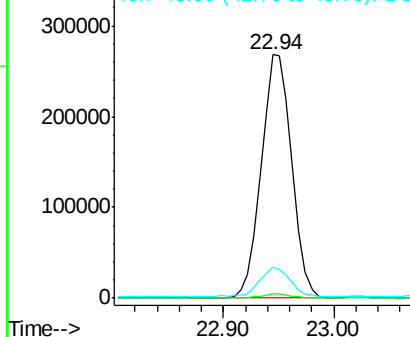
Delta R.T. -0.02 min

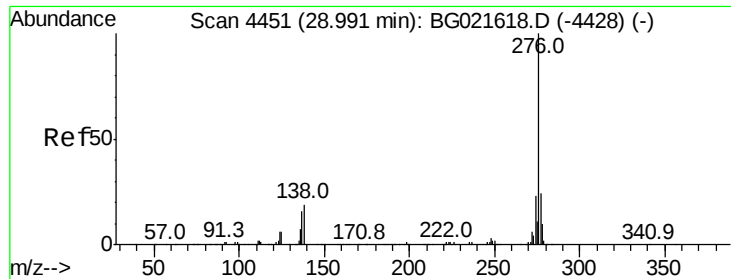
Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Tgt Ion:	149	Resp:	513280
Ion Ratio		Lower	Upper
149	100		
167	1.9	1.3	1.9
43	11.8	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): BGC





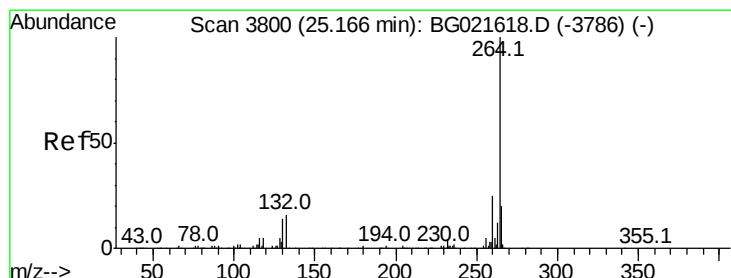
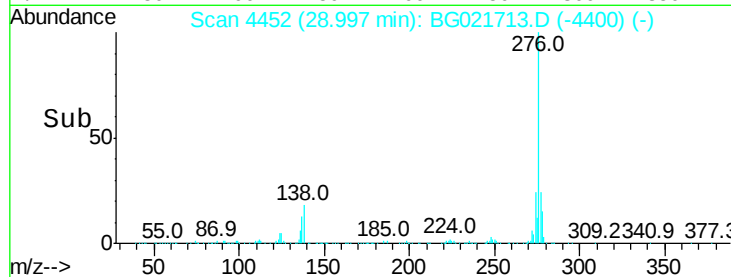
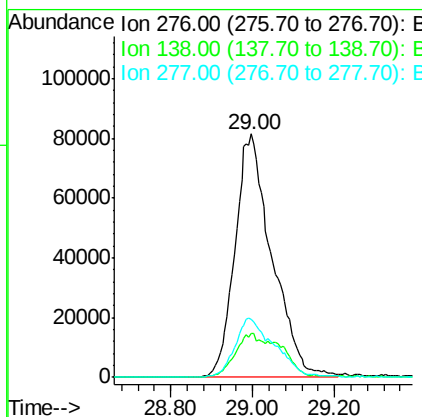
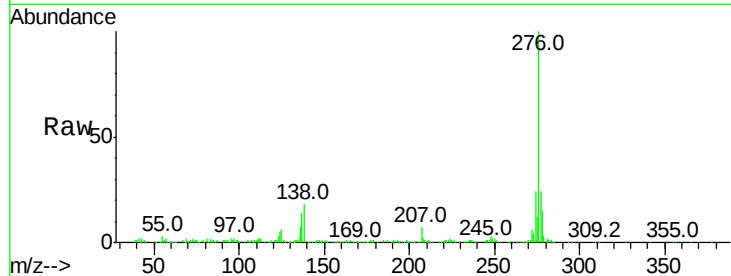
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.42 ng
 RT: 29.00 min Scan# 4452
 Delta R.T. 0.01 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

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	26.1	20.6	30.8

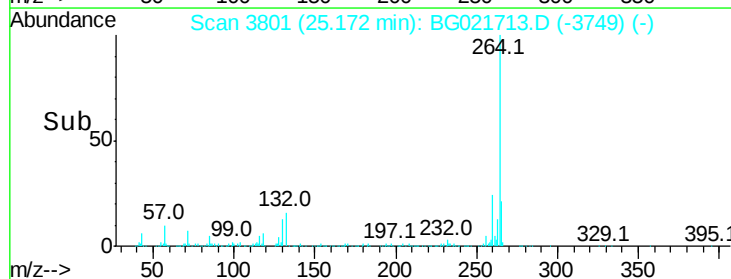
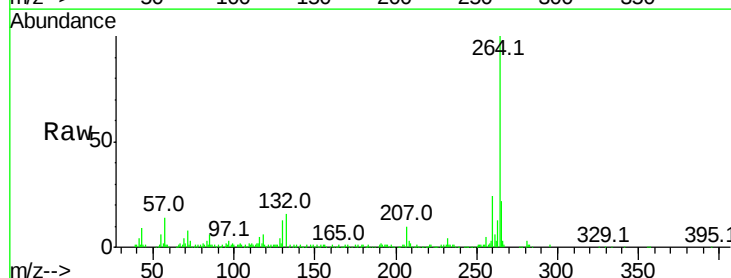
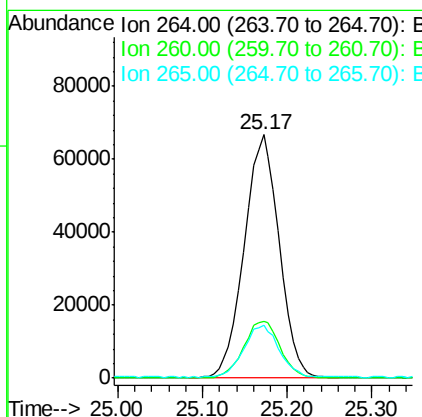
Manual Integrations
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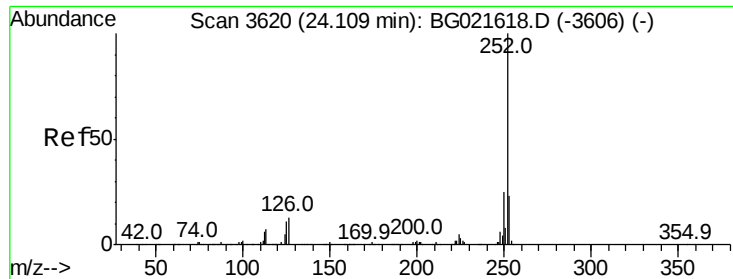
Sohil
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.17 min Scan# 3801
 Delta R.T. 0.01 min
 Lab File: BG021713.D
 Acq: 16 Apr 2016 12:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.2	30.4
265	21.9	17.8	26.8





#87

Benzo(b)fluoranthene

Concen: 39.83 ng

RT: 24.11 min Scan# 3620

Delta R.T. -0.00 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Instrument :

BNA_G

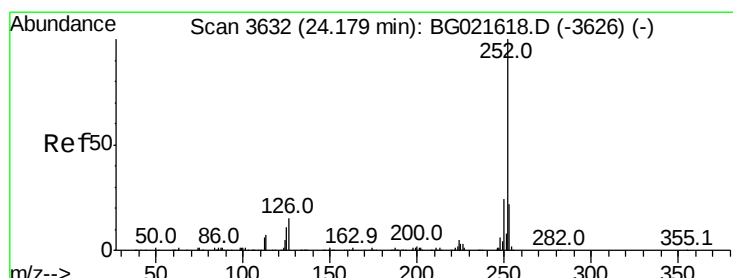
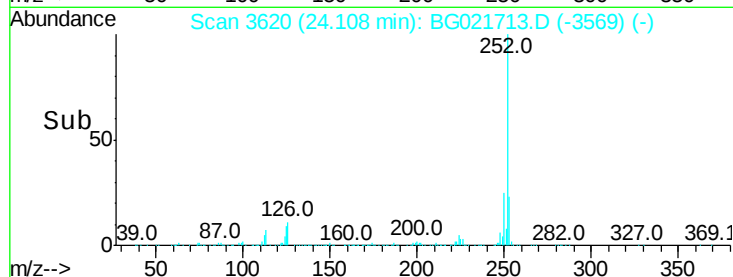
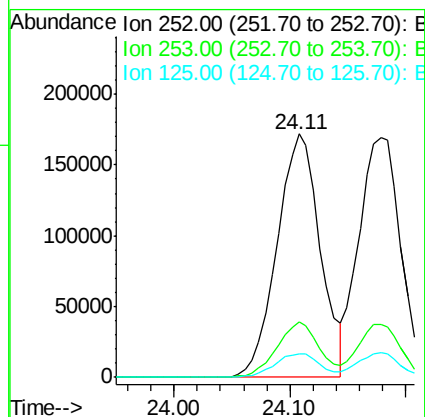
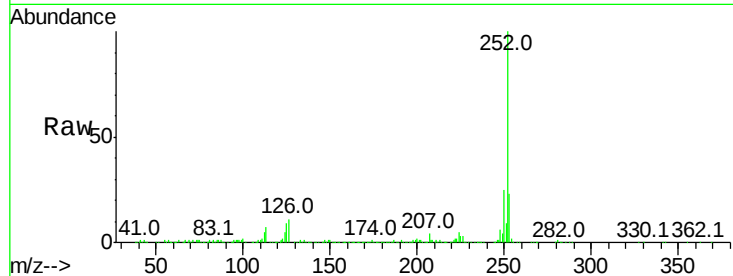
ClientSampleId :

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

Tot Ion:	252	Resp:	445117
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.5	26.3
125	9.4	8.6	13.0

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 38.92 ng

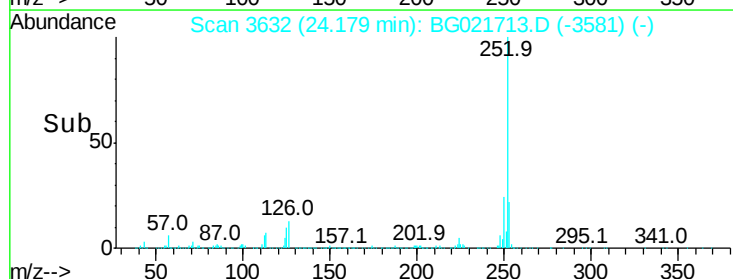
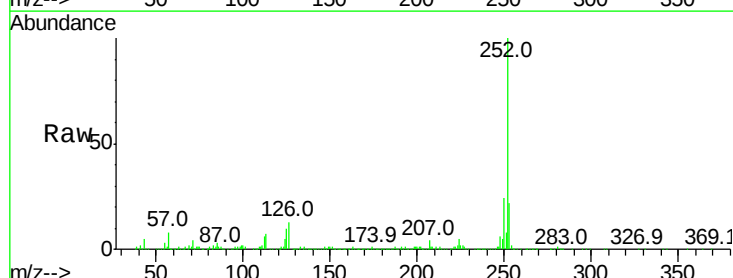
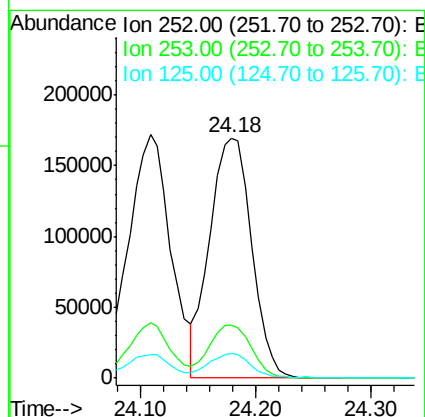
RT: 24.18 min Scan# 3632

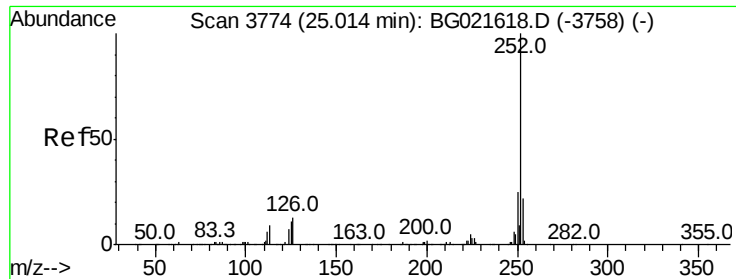
Delta R.T. -0.00 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Tgt Ion:	252	Resp:	425342
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	10.1	8.3	12.5





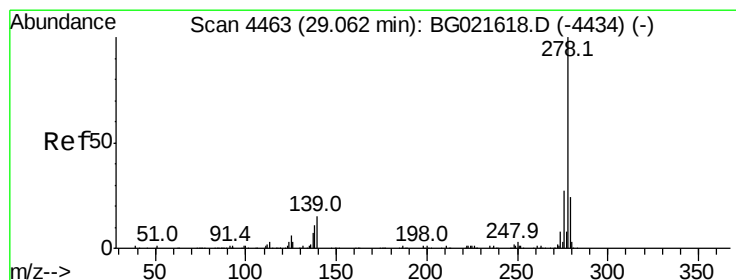
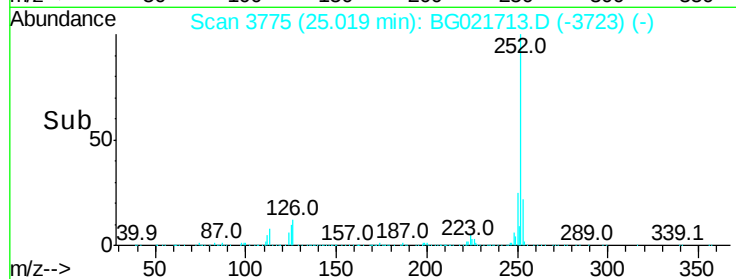
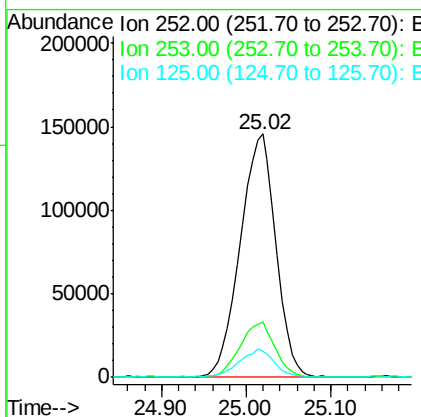
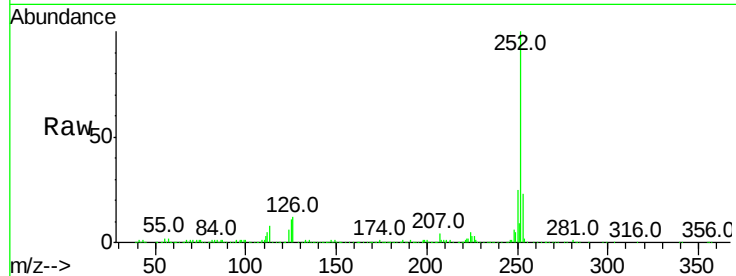
#89
Benzo(a)pyrene
Concen: 39.26 ng
RT: 25.02 min Scan# 3775
Delta R.T. 0.01 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	10.8	9.6	14.4

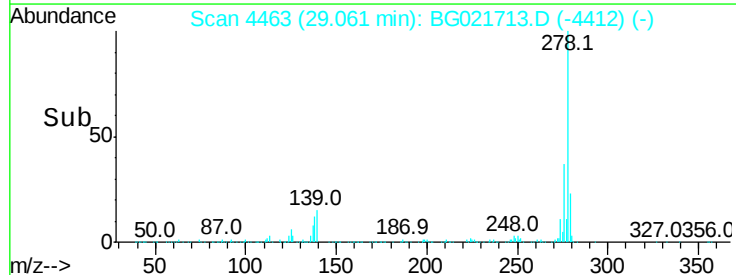
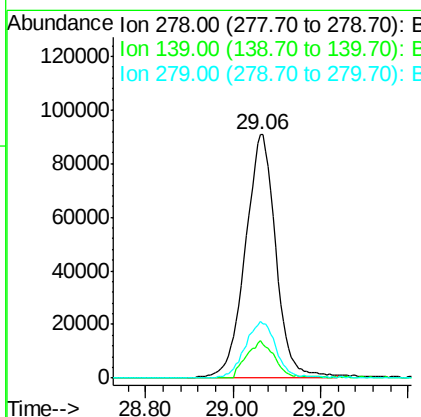
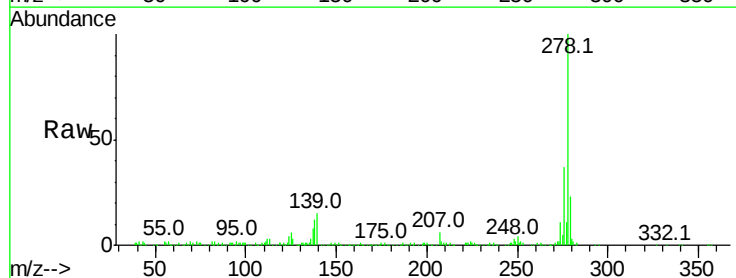
Manual Integrations
APPROVED

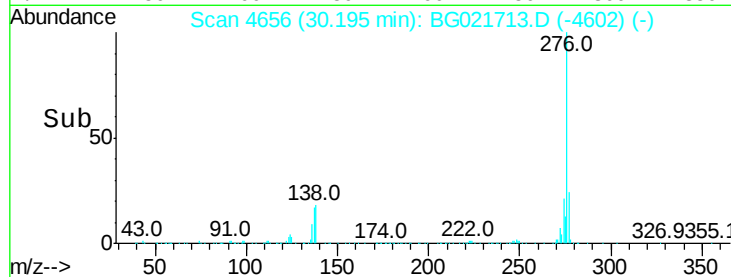
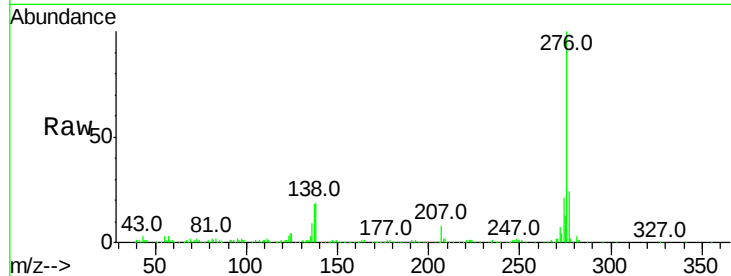
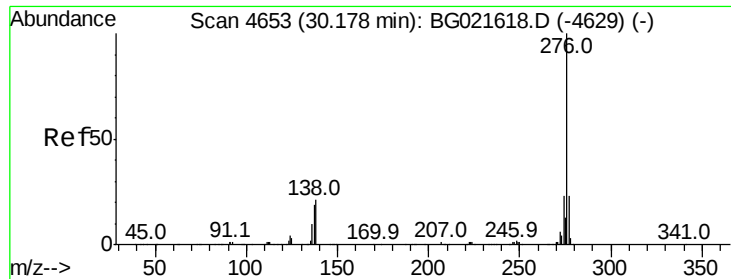
Sohil
4/18/2016 7:21:52 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.77 ng
RT: 29.06 min Scan# 4463
Delta R.T. -0.00 min
Lab File: BG021713.D
Acq: 16 Apr 2016 12:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.9	17.9
279	23.0	18.2	27.2





#91

Benzo(a,h,i)perylene

Concen: 38.60 ng

RT: 30.20 min Scan# 4656

Delta R.T. 0.02 min

Lab File: BG021713.D

Acq: 16 Apr 2016 12:03

Instrument :

BNA_G

ClientSampleId :

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

Tot Ion:	276	Resp:	411196
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.4	29.2
138	18.5	17.4	26.0

Manual Integrations
APPROVED

Sohil
4/18/2016 7:21:52 PM

