

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
 Data File : BG040501.D
 Acq On : 16 Apr 2019 13:13
 Operator : JU/SJ
 Sample : PB118911BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118911BS

Manual Integrations
 APPROVED

Sohil
 4/17/2019 3:33:34 PM

Quant Time: Apr 17 04:47:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	54989	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	225827	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	146876	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	386993	20.00	ng	0.00
76) Chrysene-d12	21.70	240	409344	20.00	ng	0.00
87) Perylene-d12	24.97	264	391757	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	446746	135.06	ng	0.00
7) Phenol-d6	7.20	99	609887	133.41	ng	0.00
23) Nitrobenzene-d5	9.22	82	383077	90.17	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	242302	152.65	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	860423	86.80	ng	0.00
79) Terphenyl-d14	20.02	244	1498550	82.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	49992	32.142	ng	98
3) Pyridine	3.89	79	121707	29.063	ng	98
4) n-Nitrosodimethylamine	3.81	42	68567	35.396	ng	# 86
6) Aniline	7.37	93	185030	31.154	ng	97
8) 2-Chlorophenol	7.61	128	158358	40.897	ng	96
9) Benzaldehyde	7.19	77	67538	21.538	ng	95
10) Phenol	7.23	94	205954	41.507	ng	96
11) bis(2-Chloroethyl)ether	7.46	93	147704	37.166	ng	99
12) 1,3-Dichlorobenzene	7.93	146	158886	37.747	ng	97
13) 1,4-Dichlorobenzene	8.08	146	159514	38.050	ng	98
14) 1,2-Dichlorobenzene	8.39	146	154004	38.414	ng	98
15) Benzyl Alcohol	8.29	79	138332	37.574	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	292800	38.389	ng	99
17) 2-Methylphenol	8.48	107	141410	41.185	ng	94
18) Hexachloroethane	9.12	117	57289	35.926	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	121459	37.057	ng	99
20) 3+4-Methylphenols	8.81	107	195315	41.991	ng	98
22) Acetophenone	8.87	105	236893	42.053	ng	# 100
24) Nitrobenzene	9.26	77	180438	41.013	ng	99
25) Isophorone	9.78	82	351250	40.181	ng	98
26) 2-Nitrophenol	9.97	139	89204	42.790	ng	97
27) 2,4-Dimethylphenol	10.02	122	163206	49.287	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	206465	39.921	ng	99
29) 2,4-Dichlorophenol	10.50	162	159810	44.463	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	163987	41.551	ng	99
31) Naphthalene	10.91	128	488507	42.203	ng	100
32) Benzoic acid	10.17	122	49852m	24.917	ng	
33) 4-Chloroaniline	11.03	127	145879	29.545	ng	98
34) Hexachlorobutadiene	11.17	225	100327	39.748	ng	95
35) Caprolactam	11.81	113	59641	41.814	ng	97
36) 4-Chloro-3-methylphenol	12.14	107	183692	44.455	ng	97
37) 2-Methylnaphthalene	12.51	142	362273	42.317	ng	97
38) 1-Methylnaphthalene	12.72	142	347633	41.876	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	187708	40.210	ng	99

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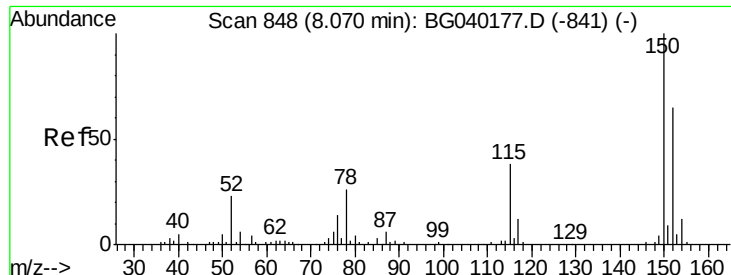
Manual Integrations
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 4/17/2019 3:33:34 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	201214	78.501	ng	95
43) 2,4,6-Trichlorophenol	13.11	196	127288	42.292	ng	95
44) 2,4,5-Trichlorophenol	13.19	196	140215	42.741	ng	100
46) 1,1'-Biphenyl	13.51	154	472596	40.723	ng	98
47) 2-Chloronaphthalene	13.56	162	368977	41.449	ng	99
48) 2-Nitroaniline	13.77	65	131167	43.683	ng	98
49) Acenaphthylene	14.40	152	610700	40.463	ng	100
50) Dimethylphthalate	14.13	163	491739	42.778	ng	98
51) 2,6-Dinitrotoluene	14.26	165	110536	42.826	ng	98
52) Acenaphthene	14.74	154	356193	41.186	ng	98
53) 3-Nitroaniline	14.59	138	92406	33.822	ng	96
54) 2,4-Dinitrophenol	14.80	184	100955	73.547	ng	97
55) Dibenzofuran	15.07	168	594434	42.775	ng	98
56) 4-Nitrophenol	14.90	139	180110	81.680	ng	97
57) 2,4-Dinitrotoluene	15.05	165	166447	46.410	ng	99
58) Fluorene	15.72	166	469621	42.982	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	137131	46.064	ng	97
60) Diethylphthalate	15.47	149	527514	44.846	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	255582	43.762	ng	97
62) 4-Nitroaniline	15.76	138	133759	45.620	ng	97
63) Azobenzene	16.00	77	486334	43.832	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	87526	40.257	ng	97
66) n-Nitrosodiphenylamine	15.93	169	453610	40.056	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	170568	39.166	ng	97
68) Hexachlorobenzene	16.71	284	173458	39.613	ng	95
69) Atrazine	16.87	200	173578	41.204	ng	98
70) Pentachlorophenol	17.07	266	175193	69.204	ng	92
71) Phenanthrene	17.47	178	837174	41.157	ng	99
72) Anthracene	17.55	178	860214	42.251	ng	100
73) Carbazole	17.83	167	824184	42.774	ng	99
74) Di-n-butylphthalate	18.36	149	984868	43.121	ng	100
75) Fluoranthene	19.47	202	1059609	43.992	ng	100
77) Benzidine	19.66	184	391507	26.486	ng	97
78) Pyrene	19.83	202	1046650	38.881	ng	99
80) Butylbenzylphthalate	20.70	149	485793	42.173	ng	96
81) Benzo(a)anthracene	21.67	228	973643	38.616	ng	97
82) 3,3'-Dichlorobenzidine	21.59	252	292991	30.548	ng	99
83) Chrysene	21.74	228	962771	39.732	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	692023	42.027	ng	99
85) Di-n-octyl phthalate	22.76	149	1184840	42.234	ng	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	1104555	37.270	ng	100
88) Benzo(b)fluoranthene	23.92	252	1044861	43.563	ng	99
89) Benzo(k)fluoranthene	23.99	252	1016434	46.083	ng	99
90) Benzo(a)pyrene	24.82	252	1027264	45.648	ng	99
91) Dibenzo(a,h)anthracene	28.79	278	934844	44.728	ng	99
92) Benzo(g,h,i)perylene	29.92	276	937689	43.654	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG040501.D

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Instrument :

BNA_G

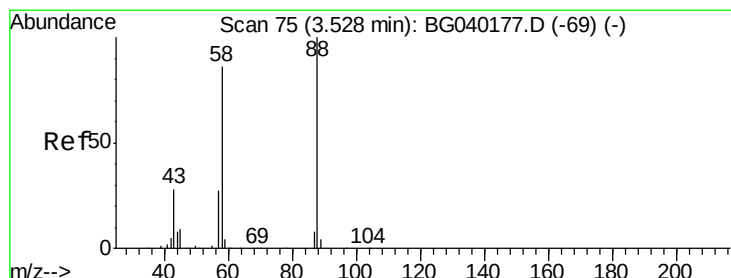
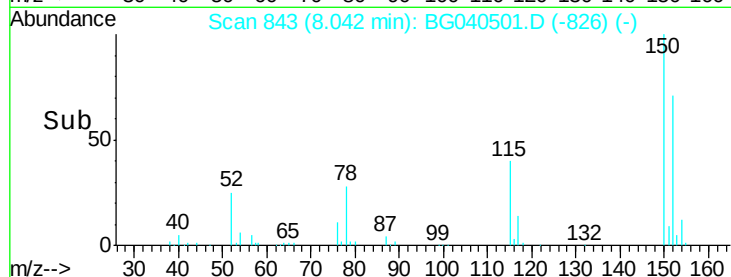
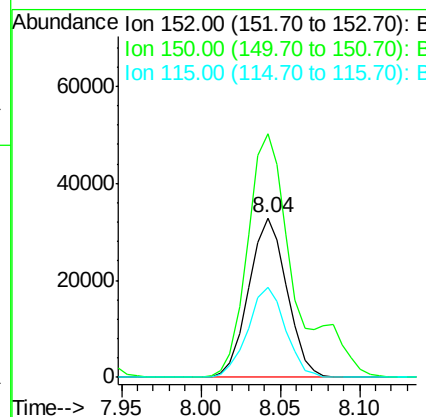
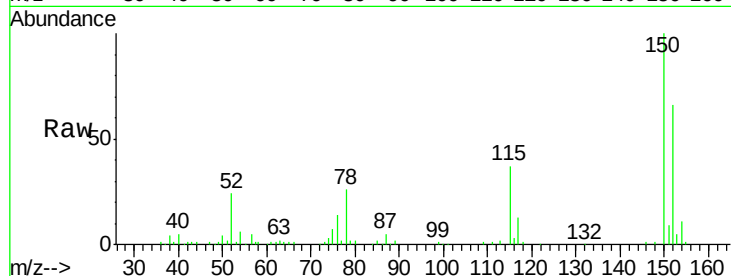
ClientSampleId :

PB118911BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.7	185.5
115	56.1	46.9	70.3

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#2

1,4-Dioxane

Concen: 32.142 ng

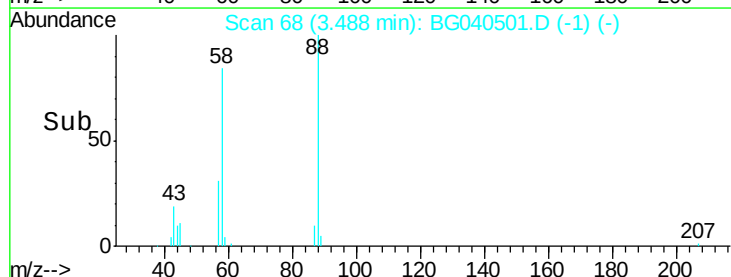
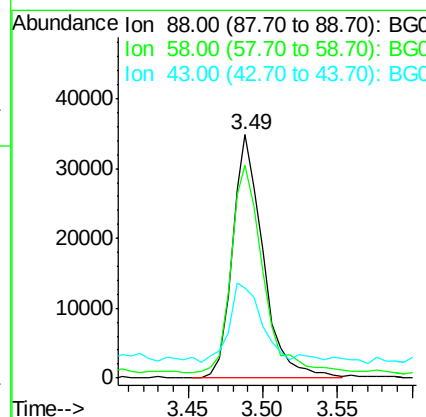
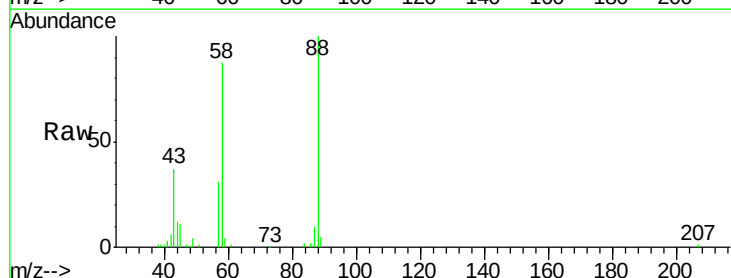
RT: 3.49 min Scan# 68

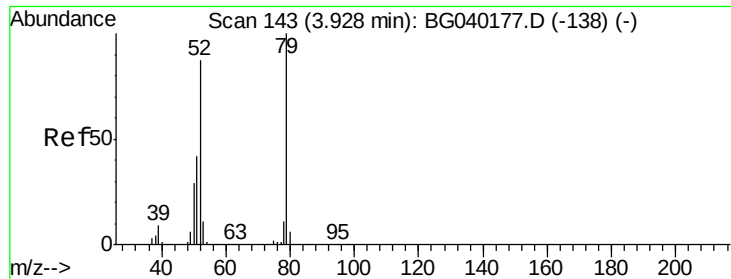
Delta R.T. -0.01 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.2	70.6	106.0
43	33.7	24.8	37.2





#3

Pyridine

Concen: 29.063 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Instrument :

BNA_G

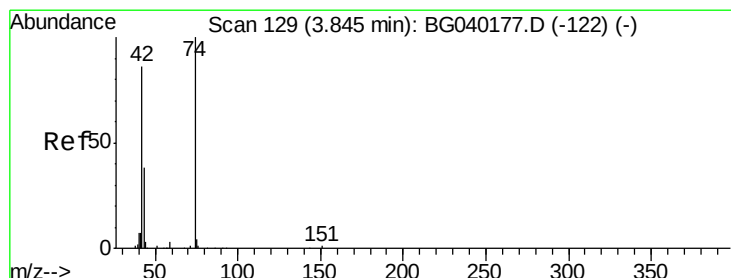
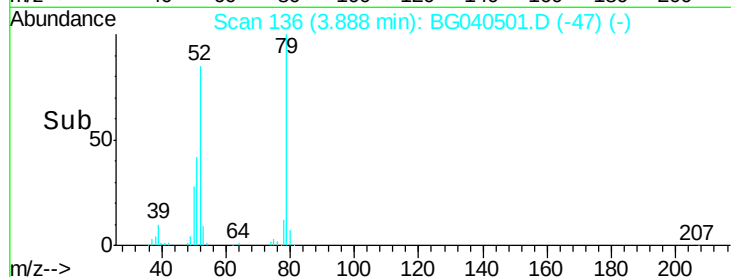
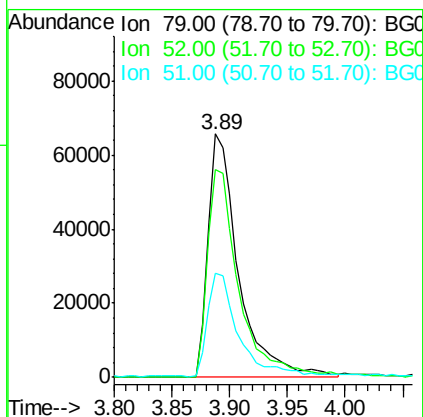
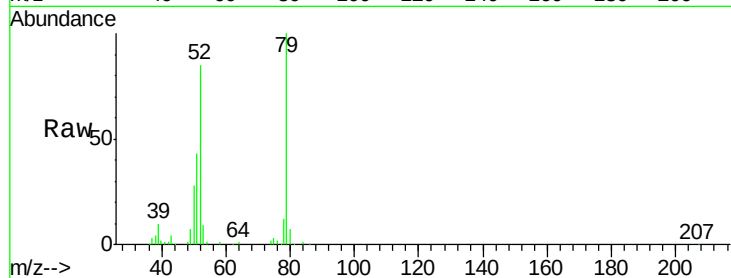
ClientSampleId :

PB118911BS

Tgt Ion:	79	Resp:	121707
Ion	Ratio	Lower	Upper
79	100		
52	85.5	69.8	104.8
51	42.9	33.9	50.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.396 ng

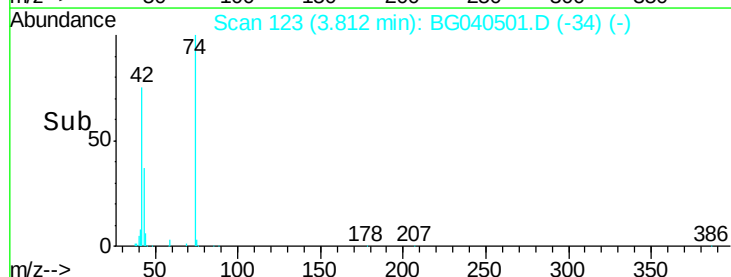
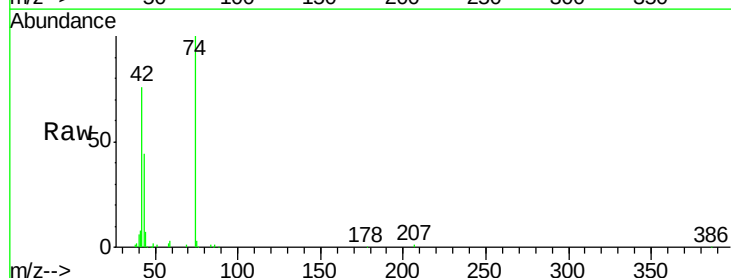
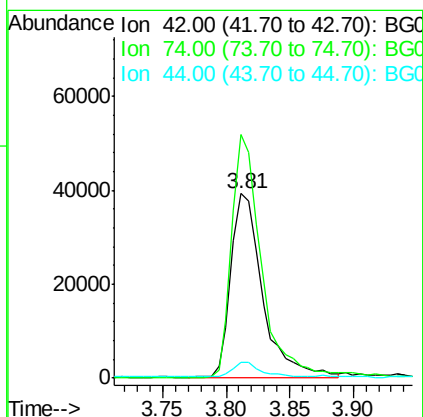
RT: 3.81 min Scan# 123

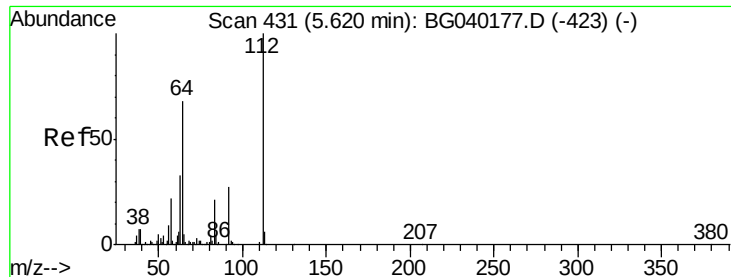
Delta R.T. -0.01 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Tgt Ion:	42	Resp:	68567
Ion	Ratio	Lower	Upper
42	100		
74	132.0	92.9	139.3
44	8.8	9.7	14.5#





#5

2-Fluorophenol

Concen: 135.059 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Instrument :

BNA_G

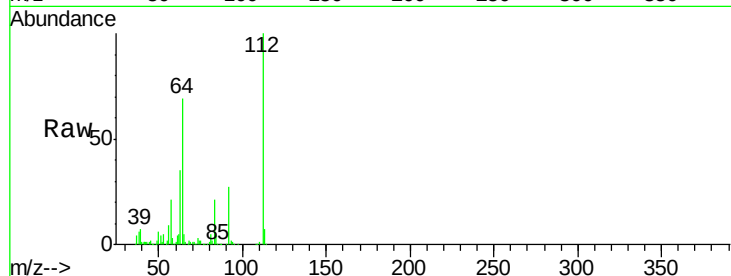
ClientSampleId :

PB118911BS

Tgt Ion:	112	Resp:	446746
Ion Ratio	Lower	Upper	
112	100		
64	68.6	54.2	81.2
63	34.6	26.4	39.6

Manual Integrations
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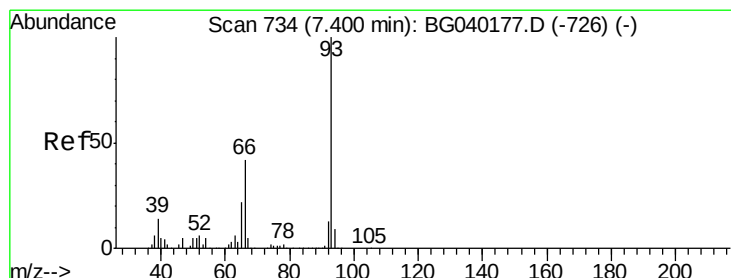
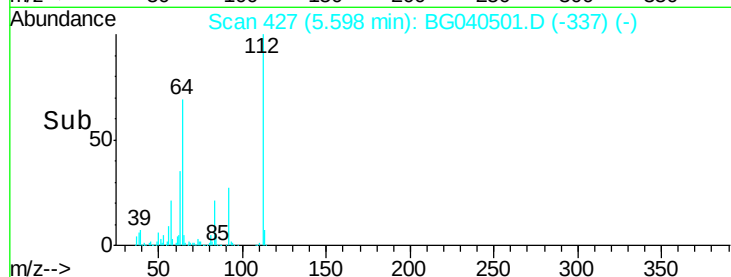
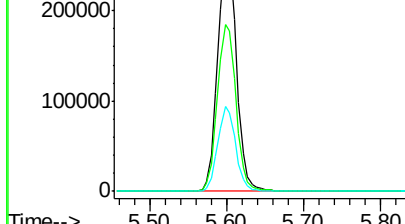
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.154 ng

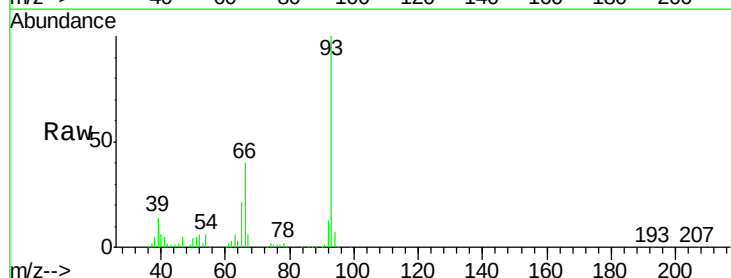
RT: 7.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

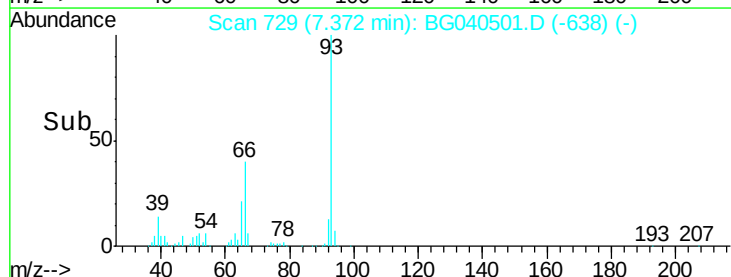
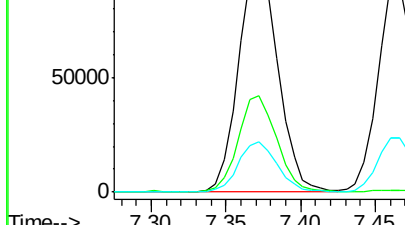
Tgt Ion:	93	Resp:	185030
Ion Ratio	Lower	Upper	
93	100		
66	39.7	33.6	50.4
65	20.5	17.4	26.2

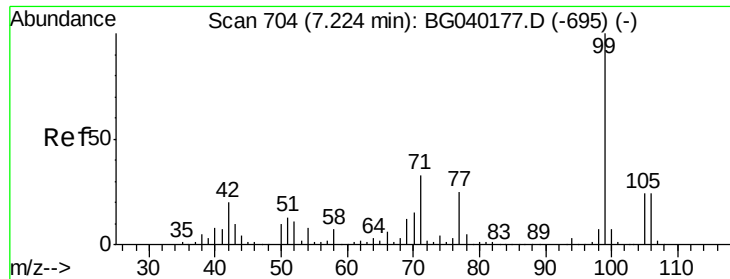


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.413 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Instrument :

BNA_G

ClientSampleId :

PB118911BS

Tgt Ion: 99 Resp: 609887

Ion Ratio Lower Upper

99 100

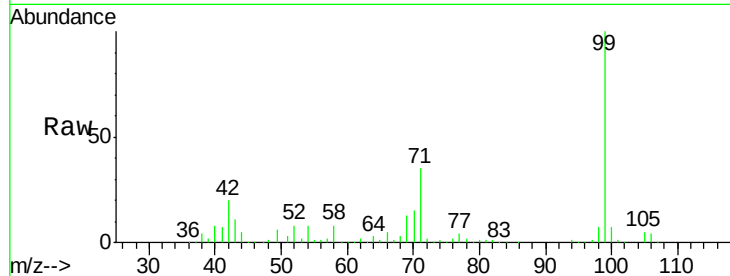
42 19.5 16.2 24.2

71 34.6 26.8 40.2

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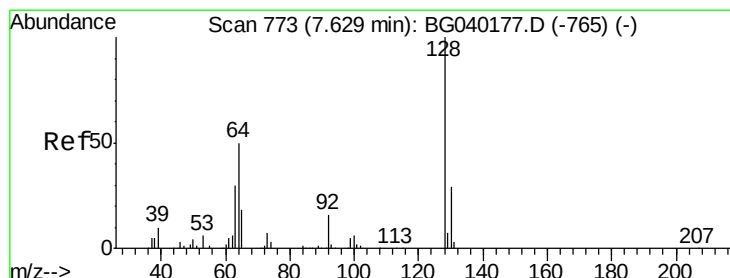
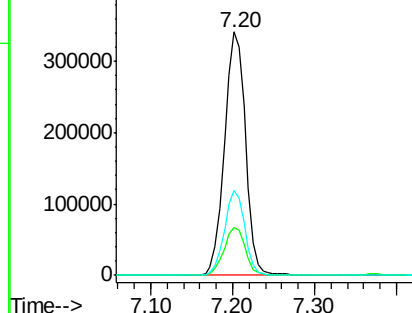
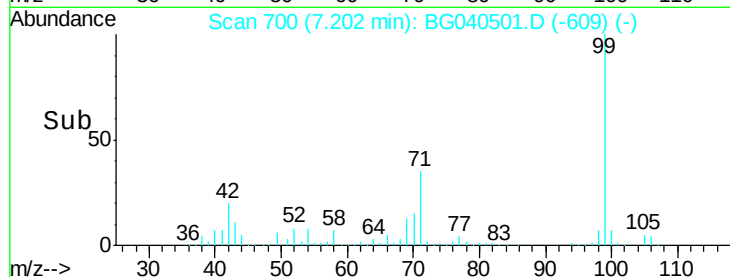
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.897 ng

RT: 7.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

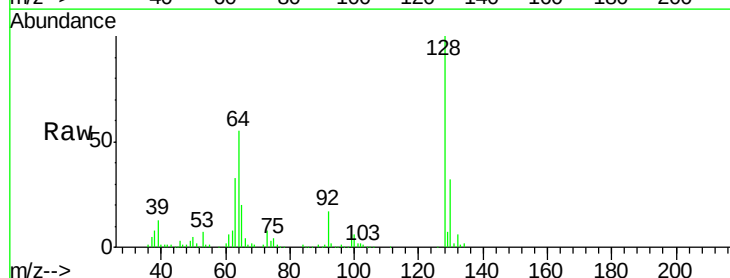
Tgt Ion: 128 Resp: 158358

Ion Ratio Lower Upper

128 100

130 31.7 9.1 49.1

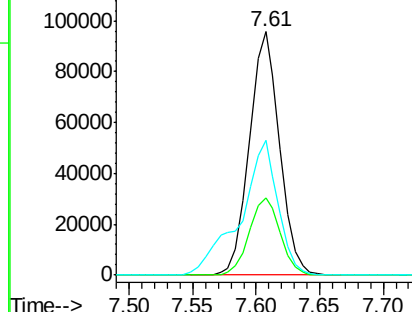
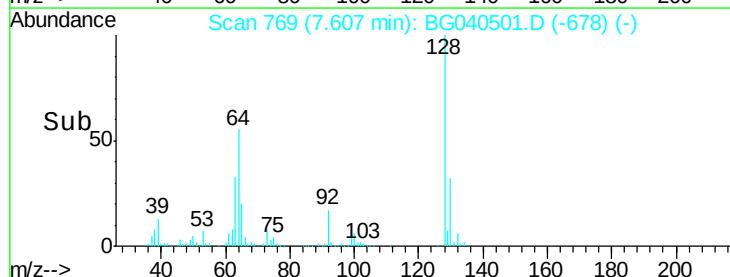
64 55.4 33.1 73.1

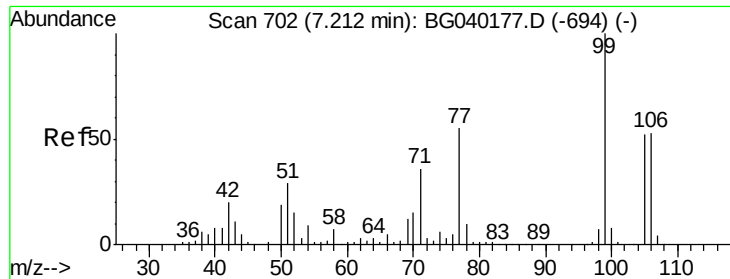


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 21.538 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Instrument :

BNA_G

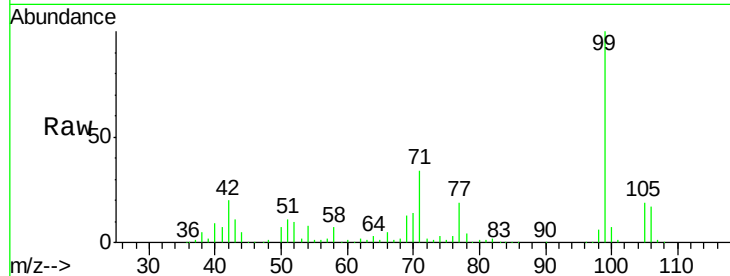
ClientSampleId :

PB118911BS

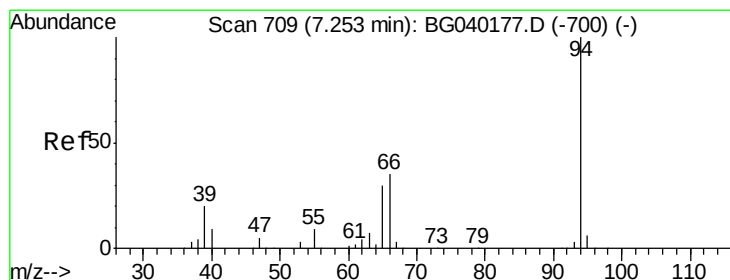
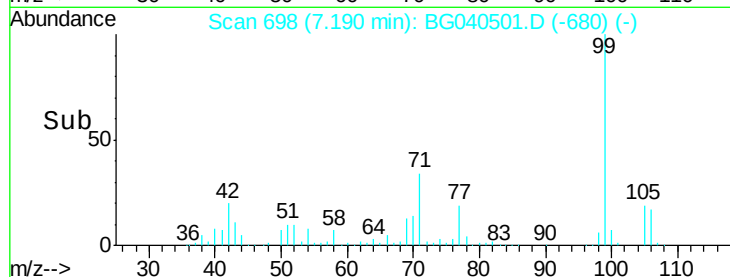
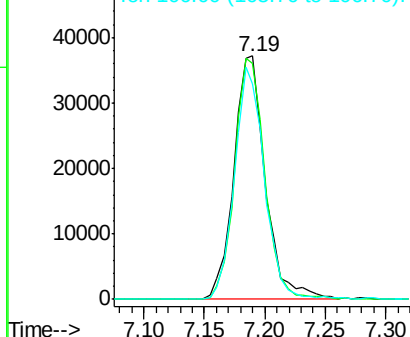
Tgt Ion	Ratio	Lower	Upper
77	100		
105	97.2	75.0	115.0
106	88.5	75.7	115.7

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: 41.507 ng

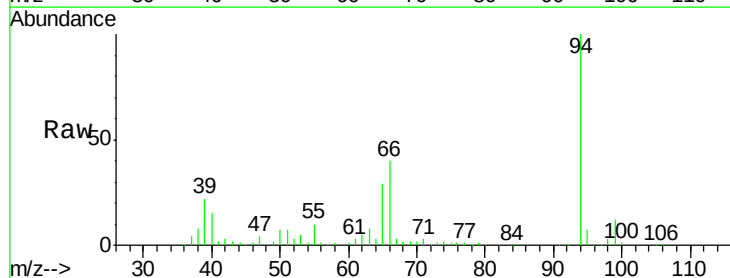
RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

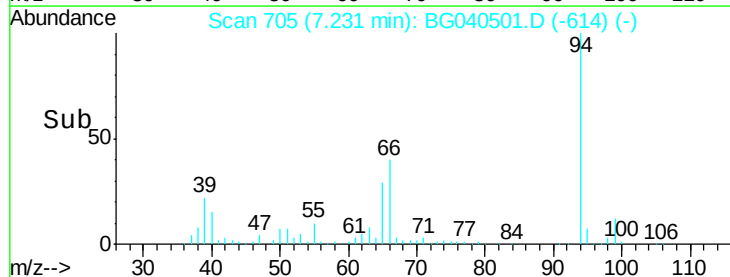
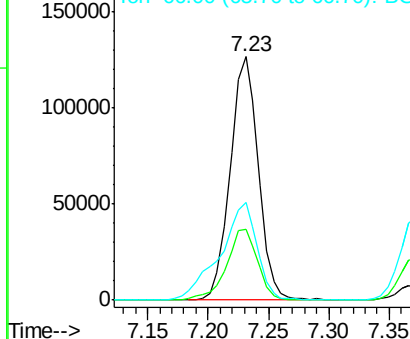
Lab File: BG040501.D

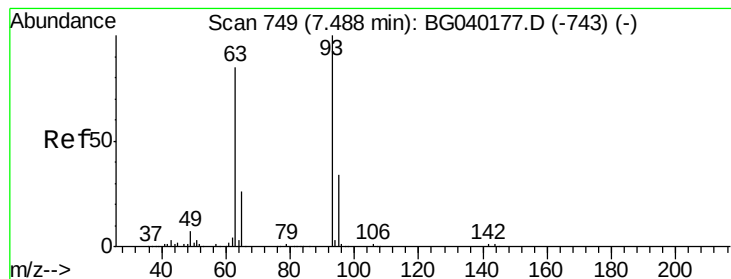
Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.2	10.5	50.5
66	40.1	16.9	56.9



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





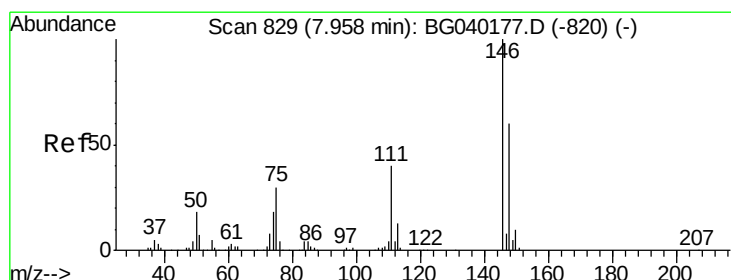
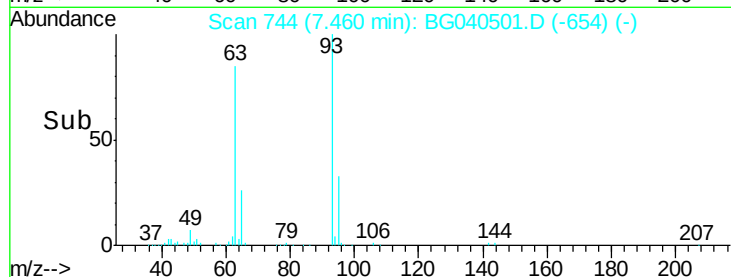
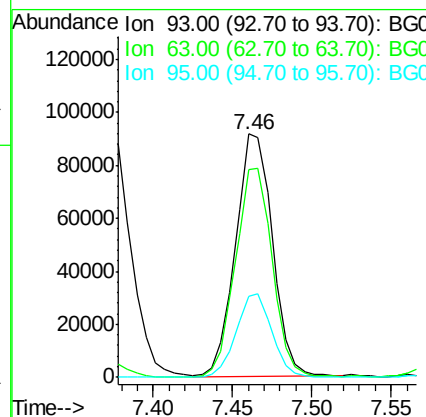
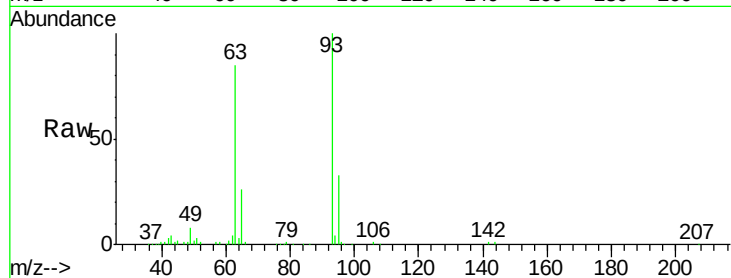
#11
 bis(2-Chloroethyl)ether
 Concen: 37.166 ng
 RT: 7.46 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB118911BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	85.1	64.2	104.2
95	33.5	14.0	54.0

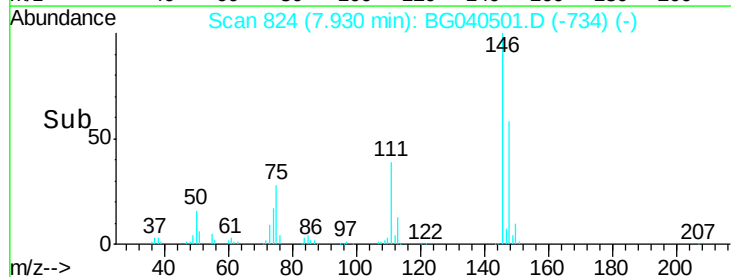
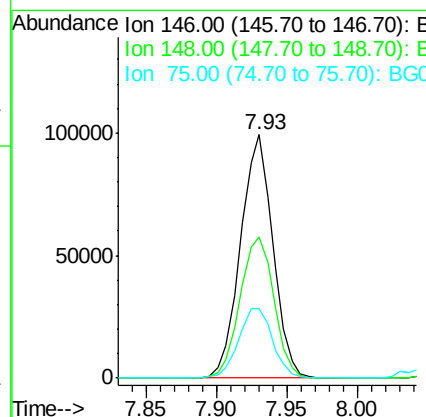
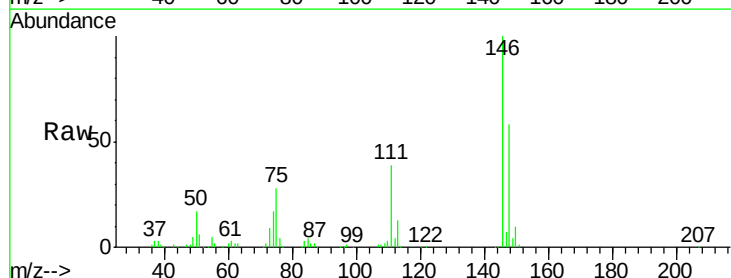
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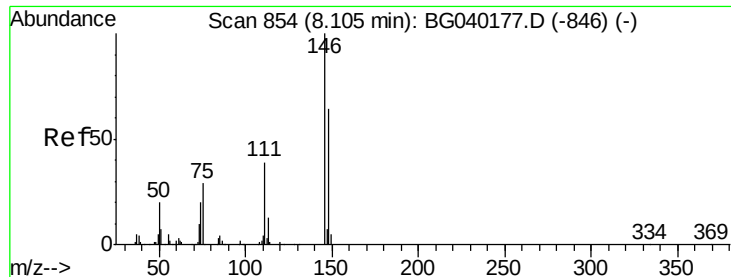
Sohil
 4/17/2019 3:33:34 PM



#12
 1,3-Dichlorobenzene
 Concen: 37.747 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	57.8	48.2	72.2
75	28.4	24.1	36.1





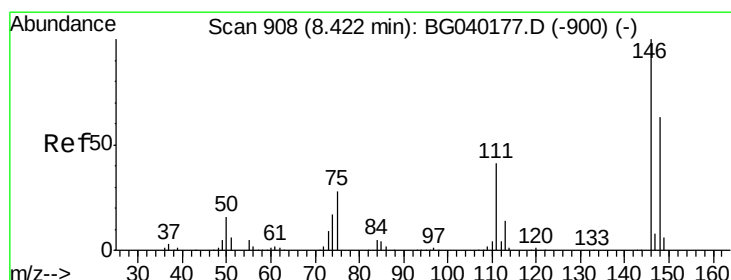
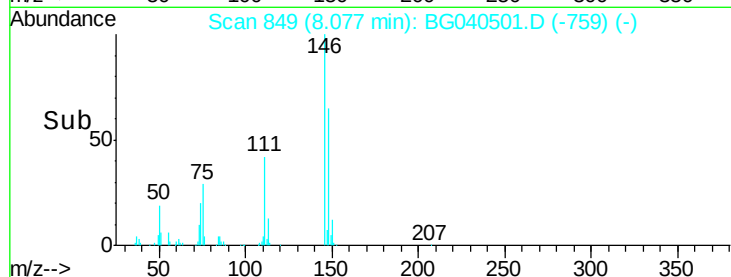
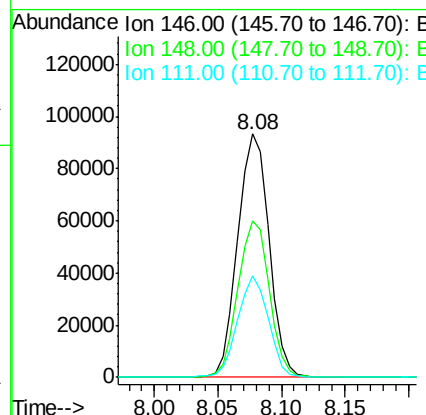
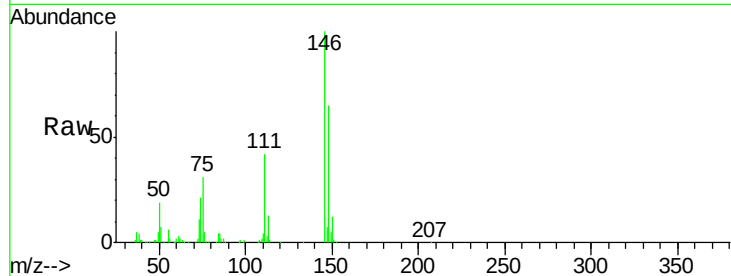
#13
 1,4-Dichlorobenzene
 Concen: 38.050 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB118911BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.4
111	41.9	31.8	47.6

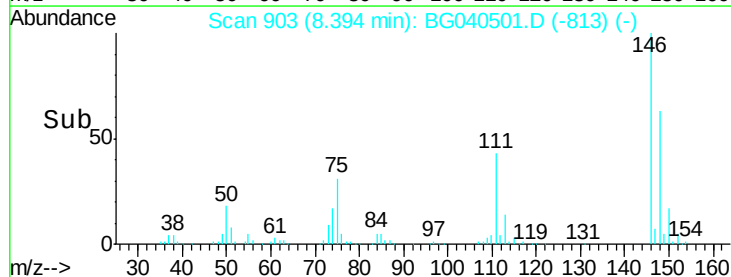
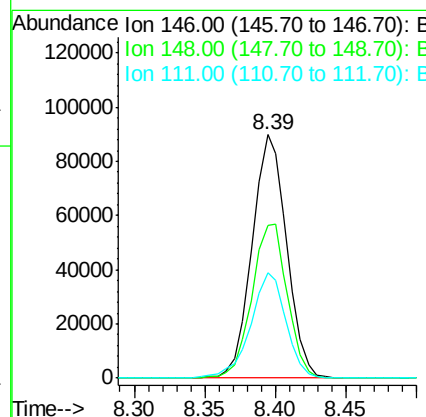
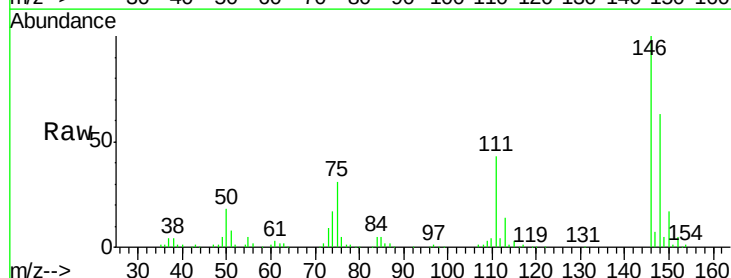
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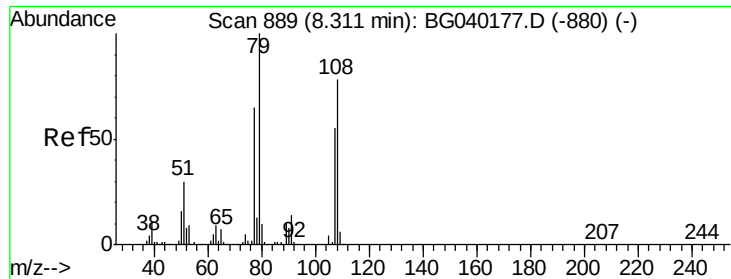
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 38.414 ng
 RT: 8.39 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.8	76.2
111	43.4	33.4	50.0





#15

Benzyl Alcohol

Concen: 37.574 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Instrument :

BNA_G

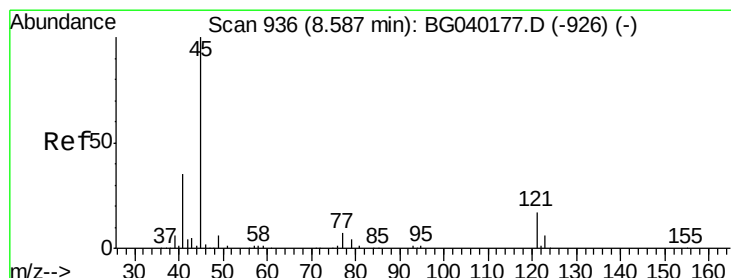
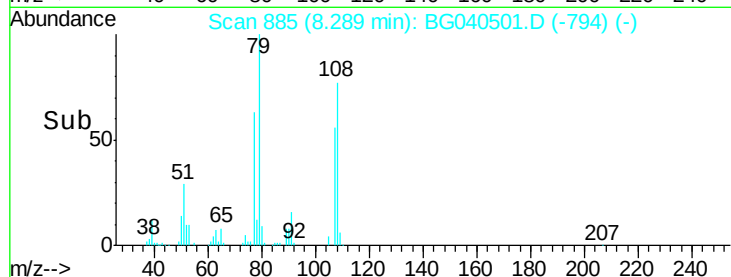
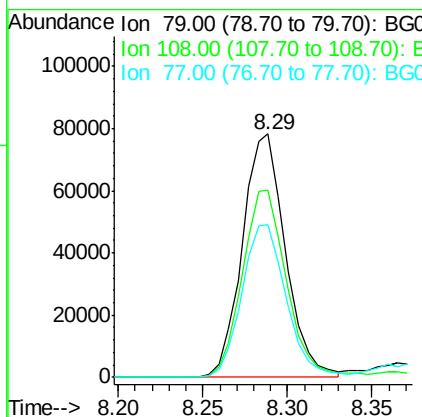
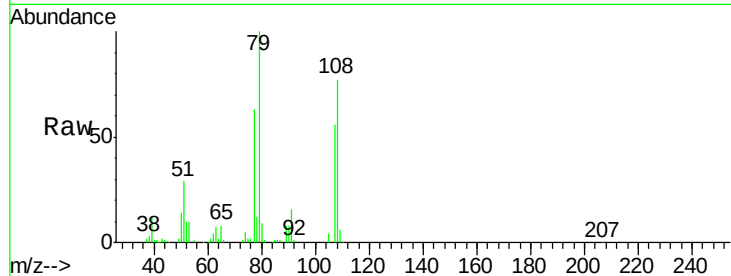
ClientSampled :

PB118911BS

Tgt Ion:	79	Resp:	138332
Ion Ratio	Lower	Upper	
79	100		
108	76.8	62.1	93.1
77	62.7	51.9	77.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.389 ng

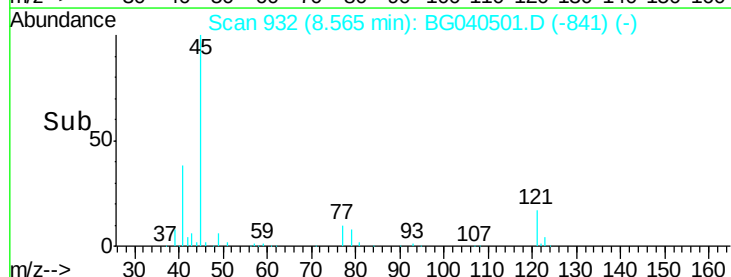
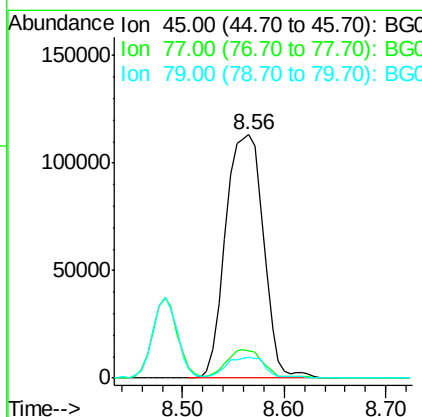
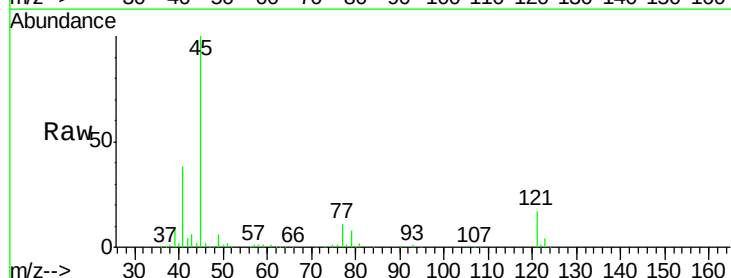
RT: 8.56 min Scan# 932

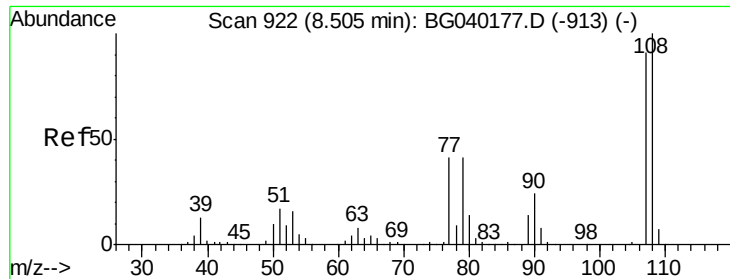
Delta R.T. 0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Tgt Ion:	45	Resp:	292800
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	31.4
79	8.4	0.0	28.3





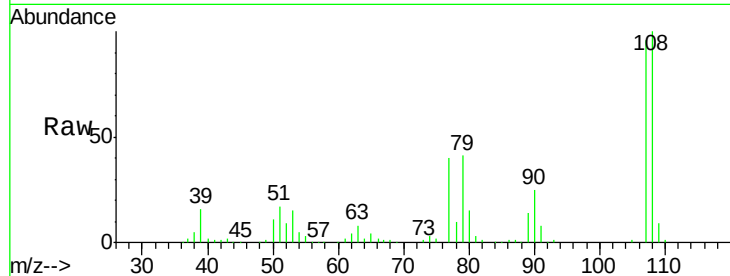
#17
2-Methylphenol
Concen: 41.185 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG040501.D
Acq: 16 Apr 2019 13:13

Instrument :
BNA_G
ClientSampled :
PB118911BS

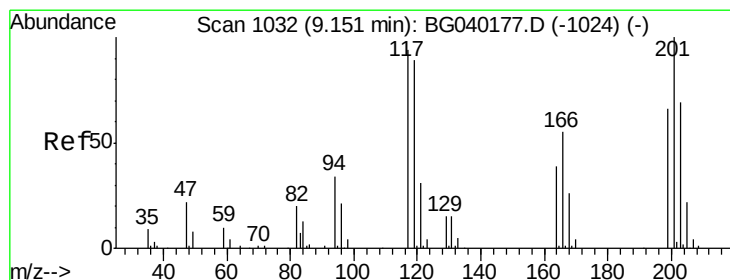
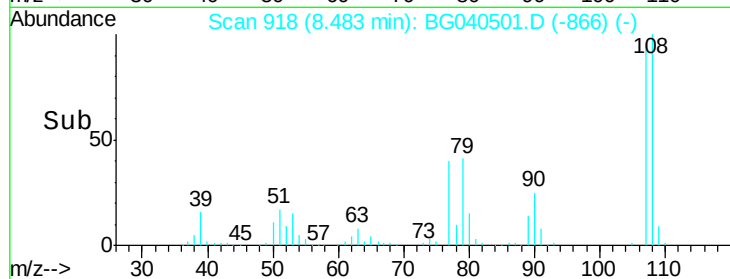
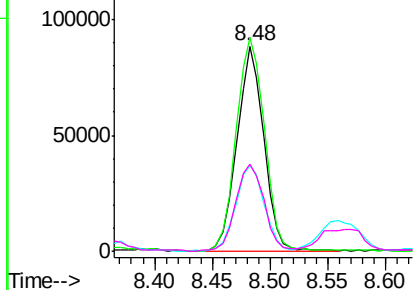
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	141410		
108	104.3	88.2	132.4	
77	41.8	36.6	55.0	
79	42.4	36.5	54.7	

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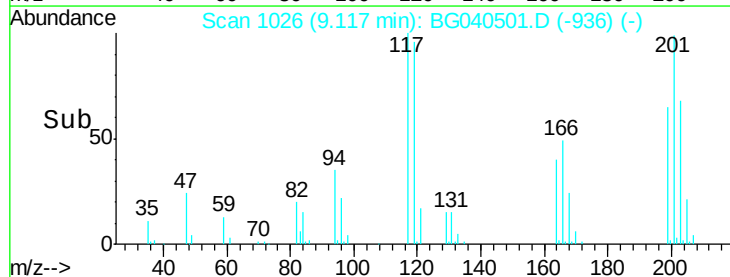
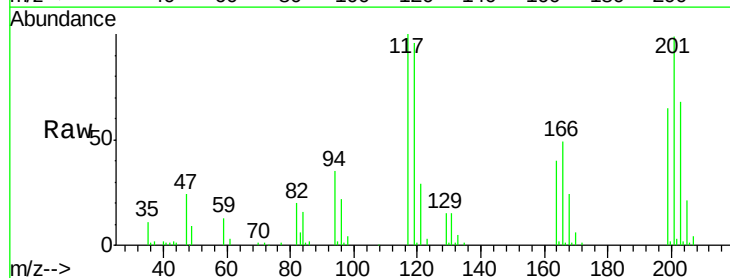
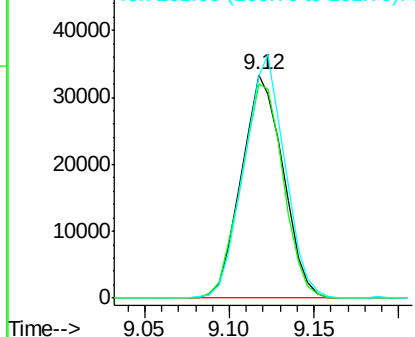
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

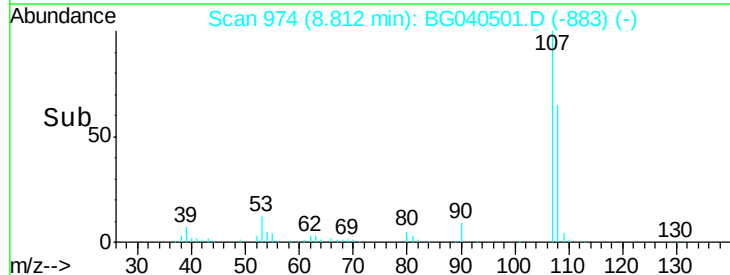
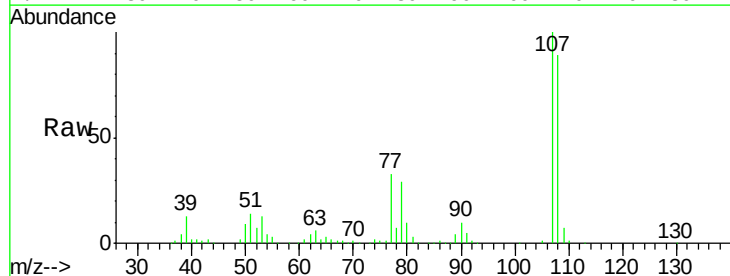
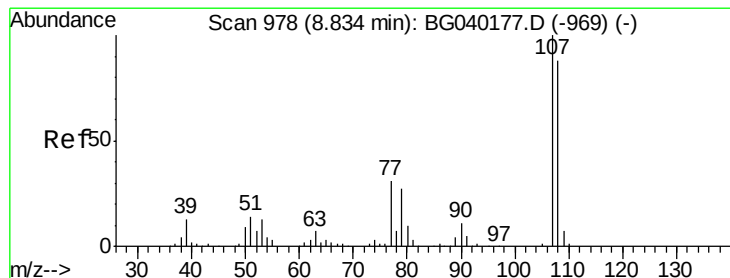
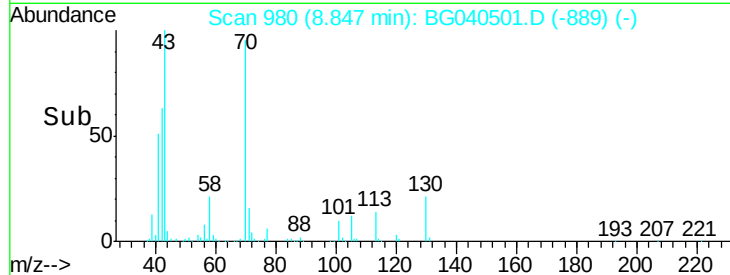
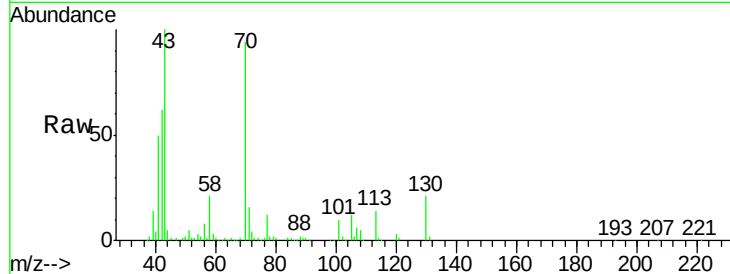
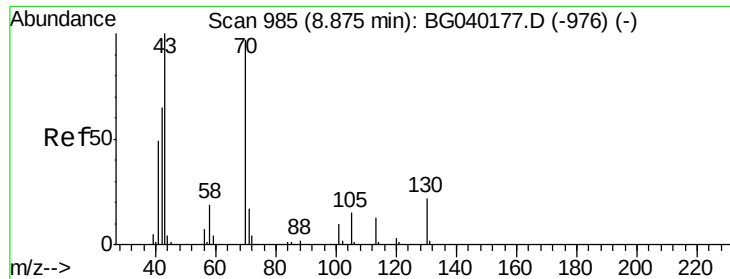


#18
Hexachloroethane
Concen: 35.926 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG040501.D
Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	57289		
119	95.9	76.6	115.0	
201	99.4	85.0	127.4	

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: 37.057 ng

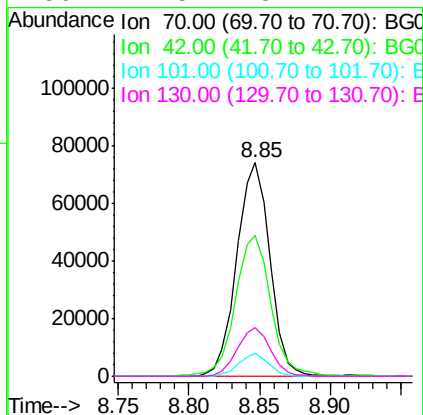
RT: 8.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
70	100		
42	66.0	54.0	81.0
101	10.6	8.6	13.0
130	22.5	18.2	27.2



Instrument :

BNA_G

ClientSampleId :

PB118911BS

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#20

3+4-Methylphenols

Concen: 41.991 ng

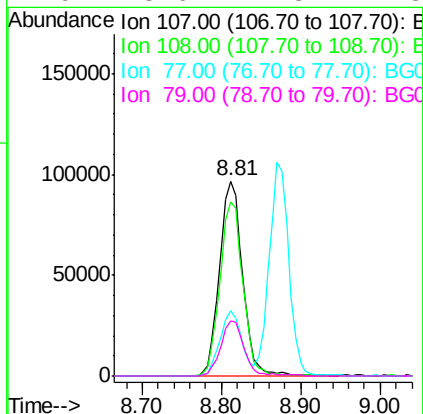
RT: 8.81 min Scan# 974

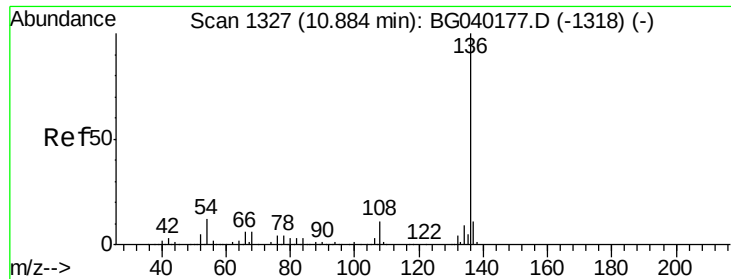
Delta R.T. 0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.3	108.3
77	33.4	11.3	51.3
79	28.6	7.3	47.3





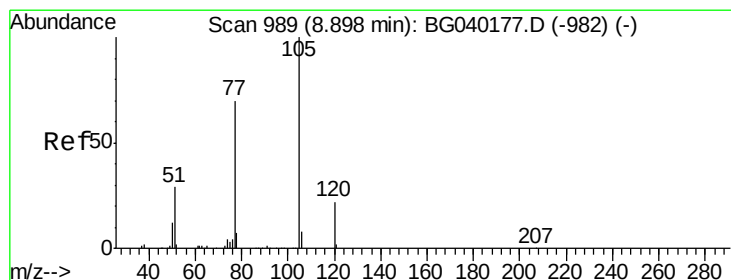
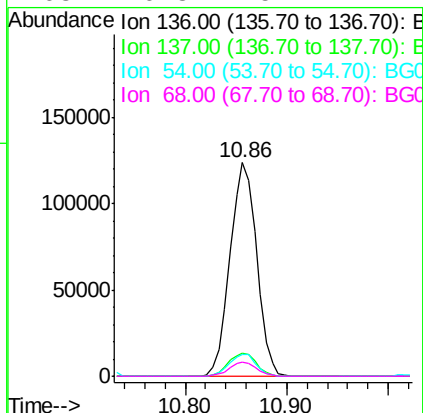
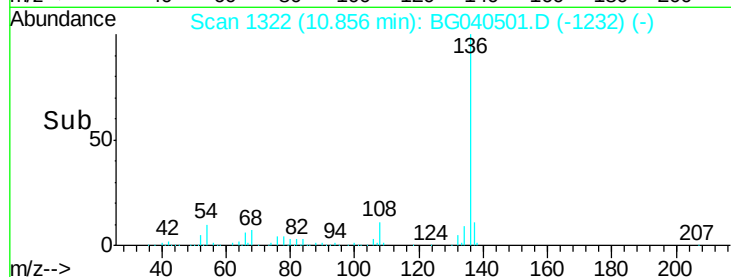
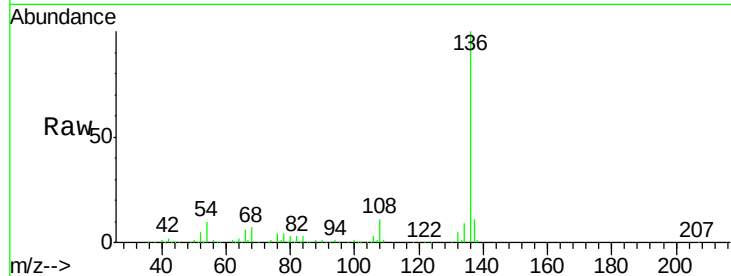
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG040501.D
Acq: 16 Apr 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB118911BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	225827		
137	11.1	8.9	13.3	
54	10.2	9.6	14.4	
68	6.8	5.1	7.7	

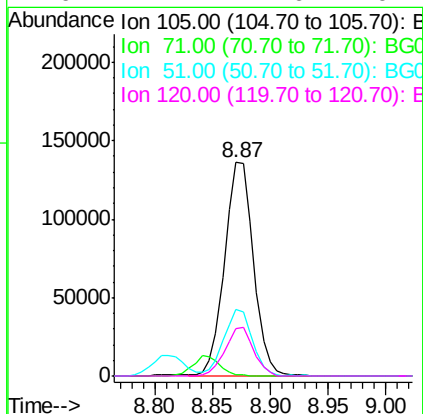
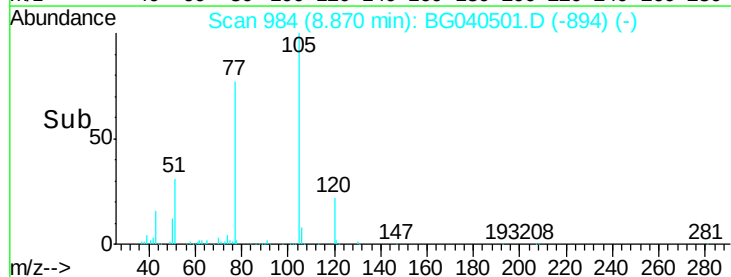
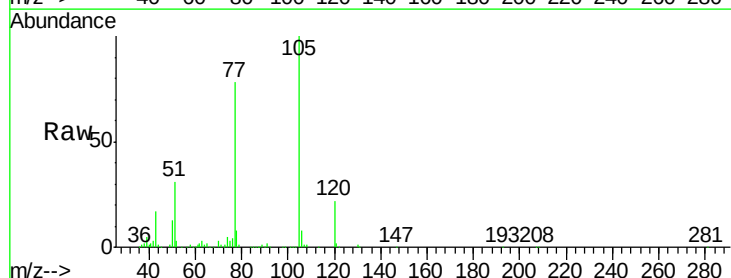
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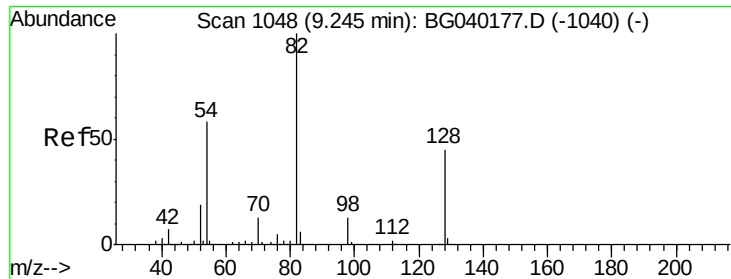
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#22
Acetophenone
Concen: 42.053 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG040501.D
Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	236893		
71	0.5	0.6	1.0#	
51	31.4	25.1	37.7	
120	22.1	17.6	26.4	





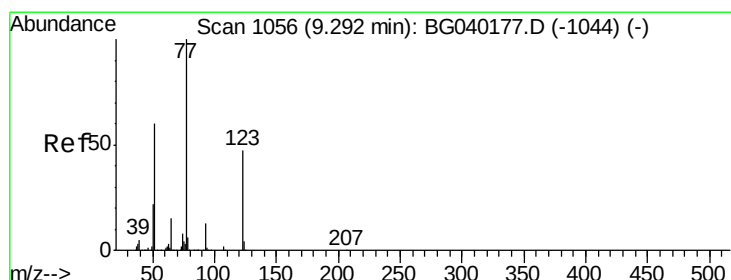
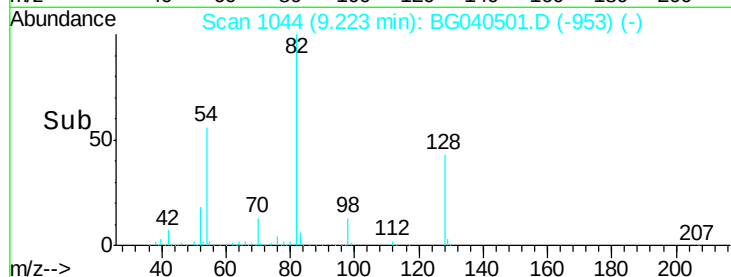
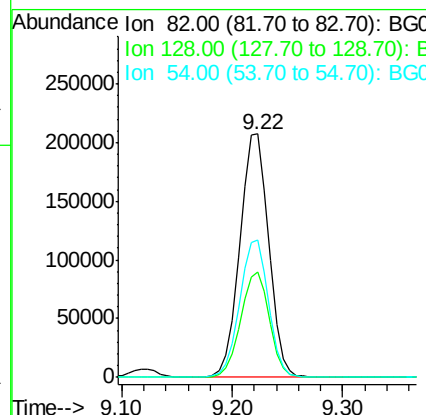
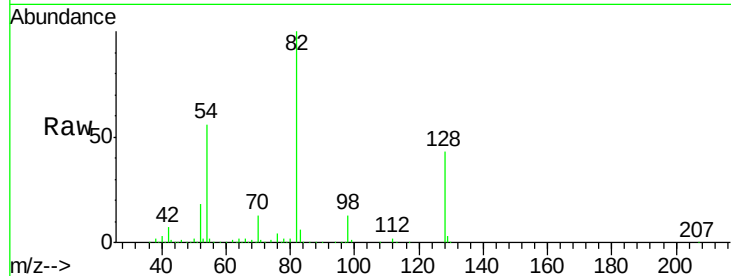
#23
 Nitrobenzene-d5
 Concen: 90.166 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB118911BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	383077		
128	43.2	35.8	53.8	
54	56.2	46.2	69.2	

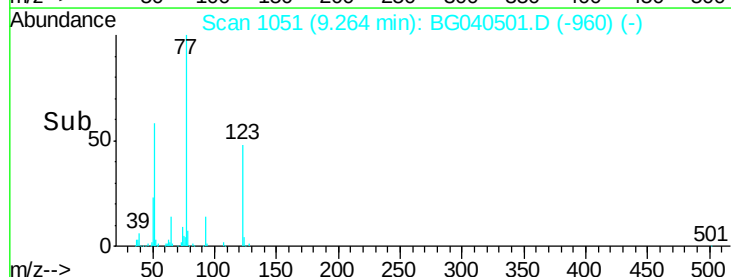
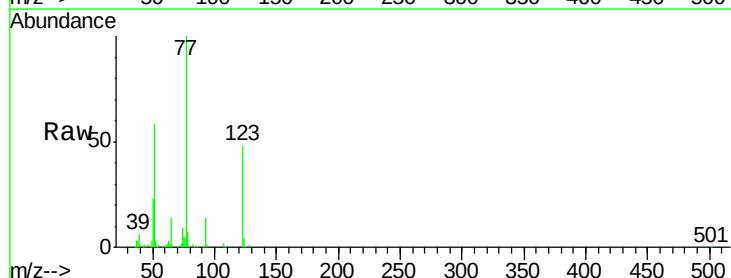
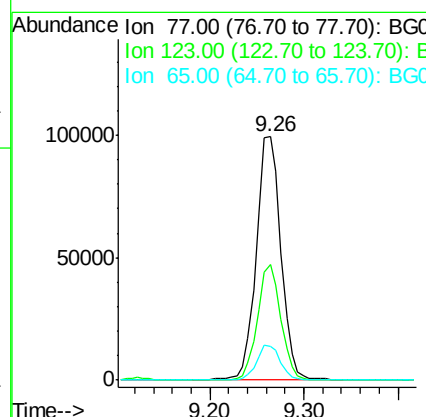
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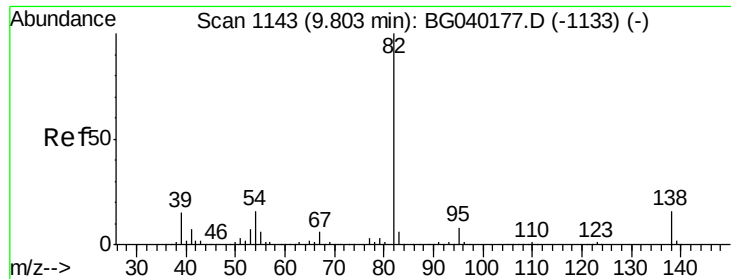
Sohil
 4/17/2019 3:33:34 PM



#24
 Nitrobenzene
 Concen: 41.013 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	180438		
123	47.5	37.8	56.6	
65	13.9	12.0	18.0	





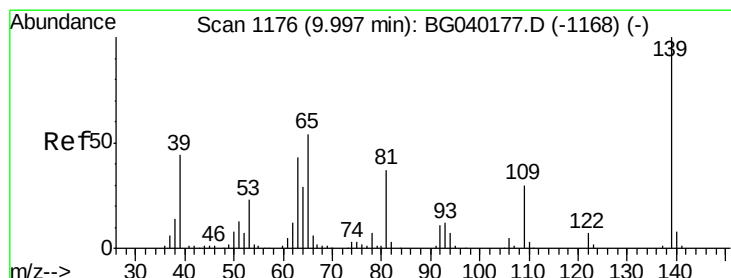
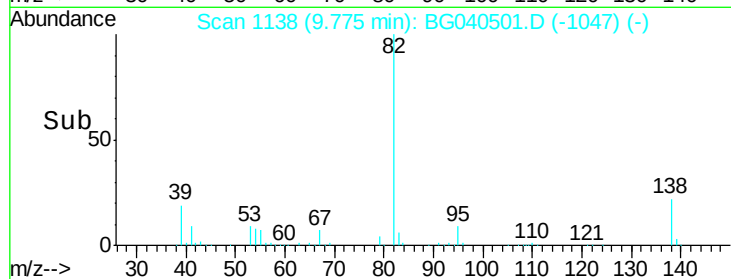
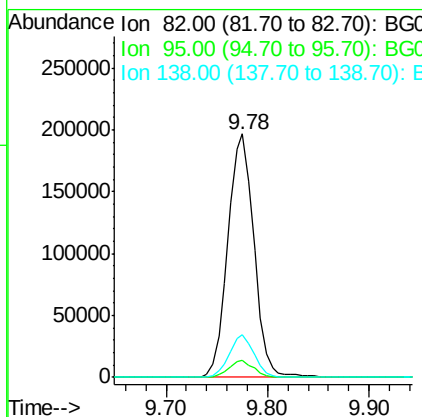
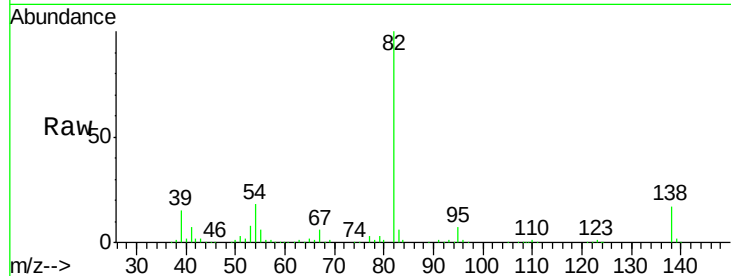
#25
Isophorone
Concen: 40.181 ng
RT: 9.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BG040501.D
Acq: 16 Apr 2019 13:13

Instrument :
BNA_G
ClientSampled :
PB118911BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	351250		
95	6.8		6.1	9.1
138	17.3		13.2	19.8

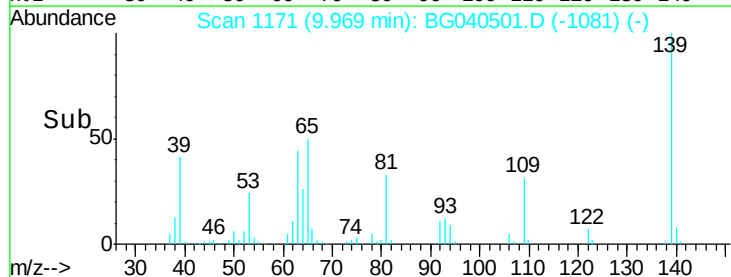
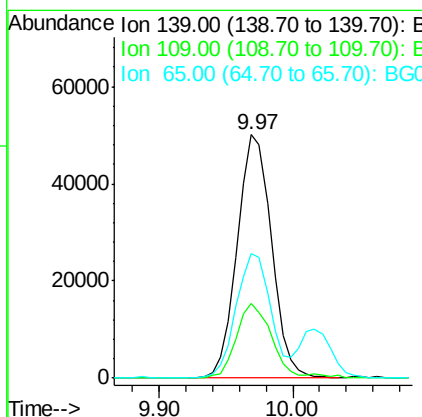
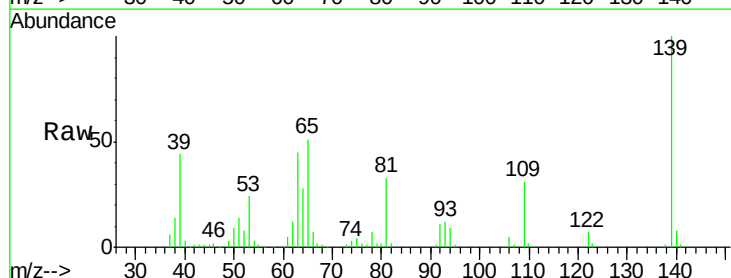
Manual Integrations
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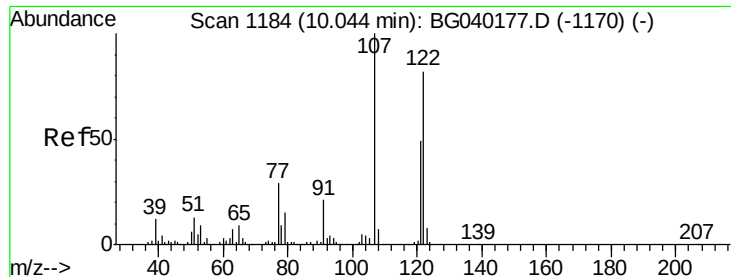
Sohil
4/17/2019 3:33:34 PM



#26
2-Nitrophenol
Concen: 42.790 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG040501.D
Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	89204		
109	30.9		24.1	36.1
65	51.1		43.0	64.6





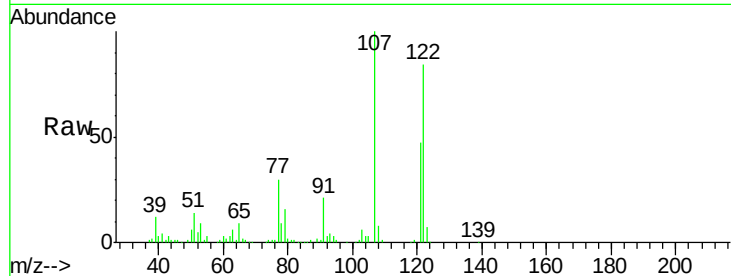
#27
 2,4-Dimethylphenol
 Concen: 49.287 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Instrument :
 BNA_G
 ClientSampled :
 PB118911BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	163206		
107	119.4	97.4	146.2	
121	56.4	47.7	71.5	

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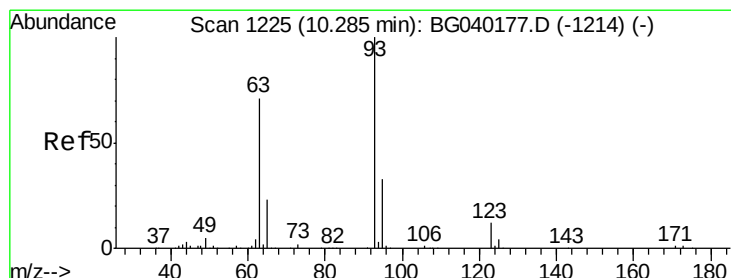
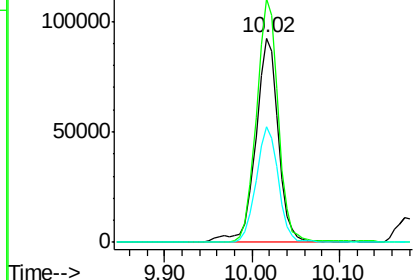
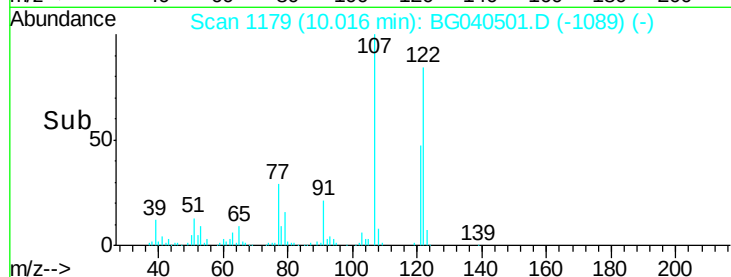


Abundance

Ion 122.00 (121.70 to 122.70): E

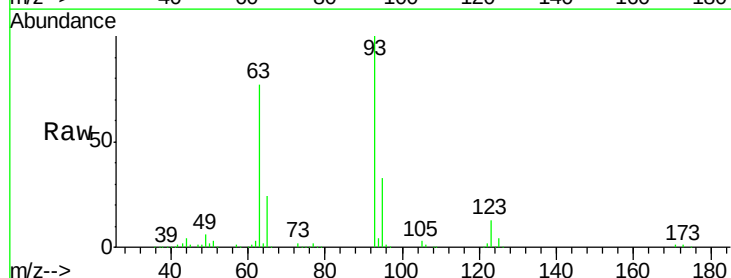
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.921 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	206465		
95	33.2	26.2	39.4	
123	13.0	9.4	14.0	

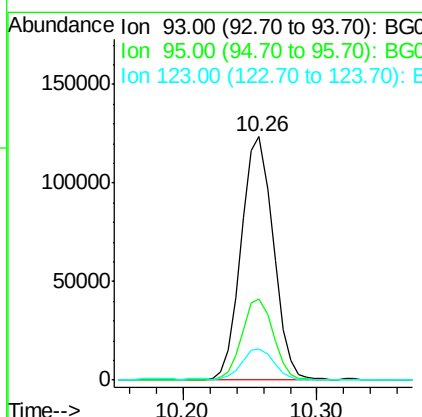
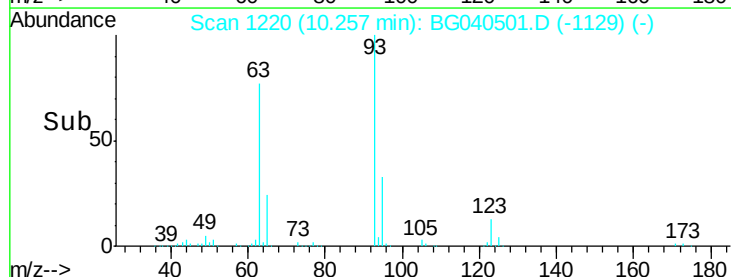


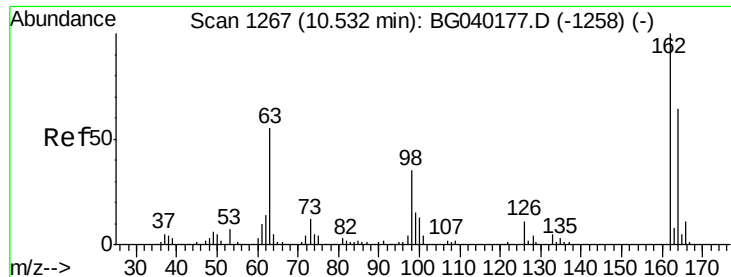
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





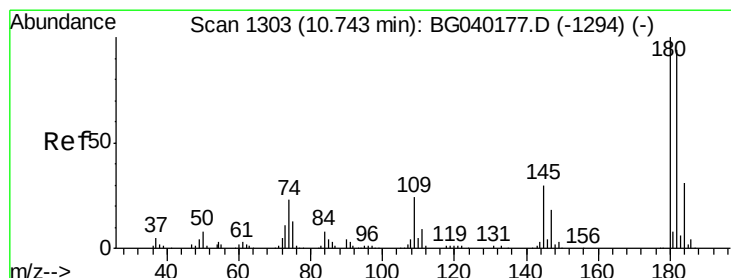
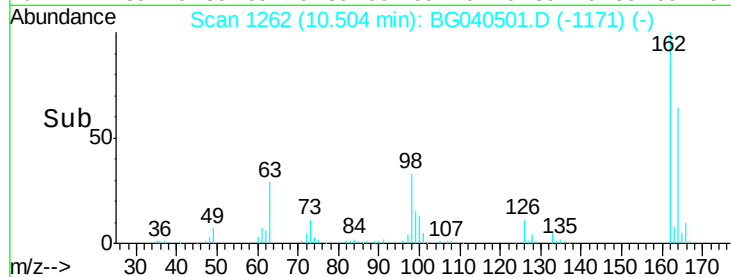
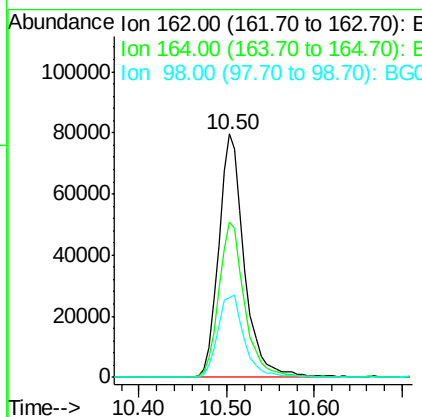
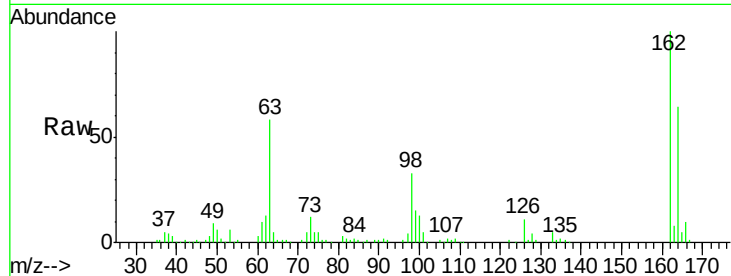
#29
 2,4-Dichlorophenol
 Concen: 44.463 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB118911BS

Tgt Ion:	162	Resp:	159810
Ion Ratio	Lower	Upper	
162	100		
164	63.5	43.9	83.9
98	32.6	15.6	55.6

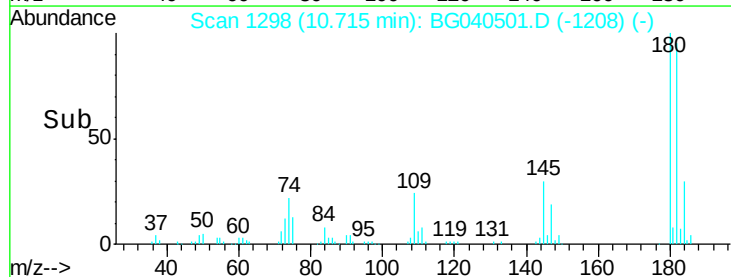
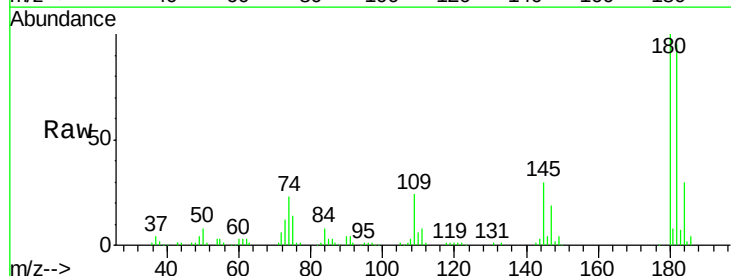
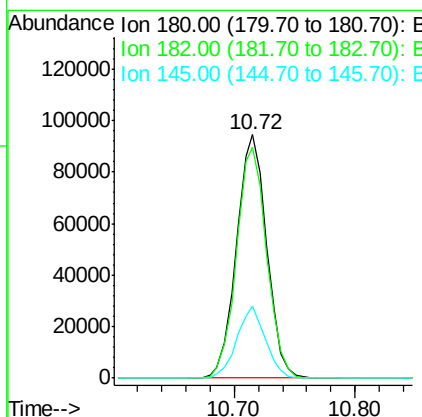
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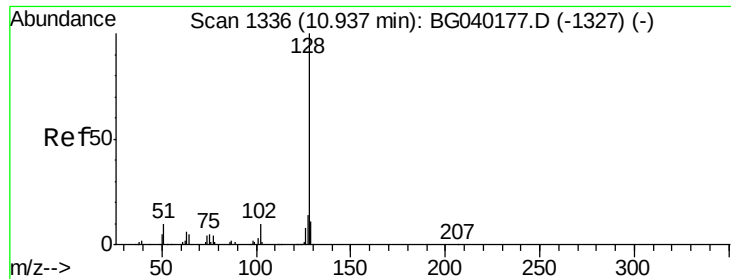
Sohil
 4/17/2019 3:33:34 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.551 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Tgt Ion:	180	Resp:	163987
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.1	112.7
145	29.8	24.1	36.1





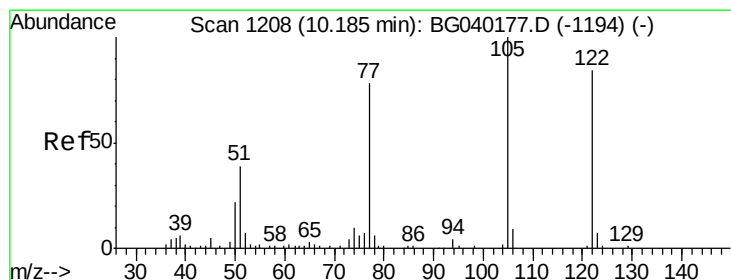
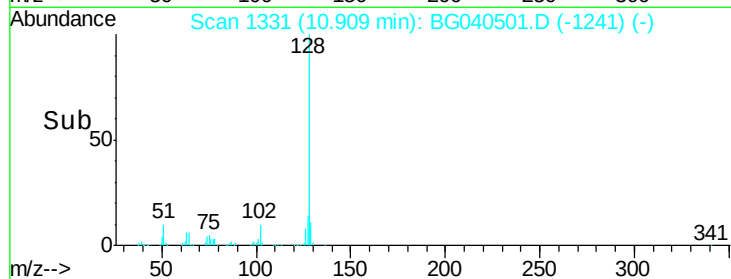
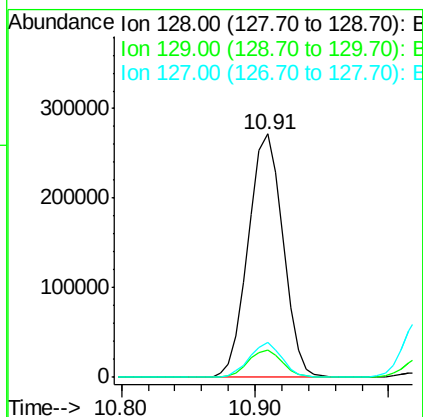
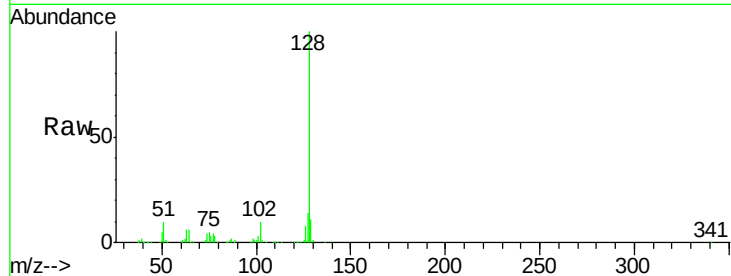
#31
Naphthalene
Concen: 42.203 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG040501.D
Acq: 16 Apr 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB118911BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	488507		
129	11.2	8.9	13.3	
127	14.1	11.4	17.0	

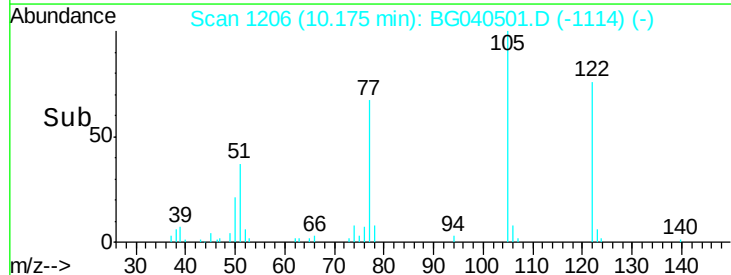
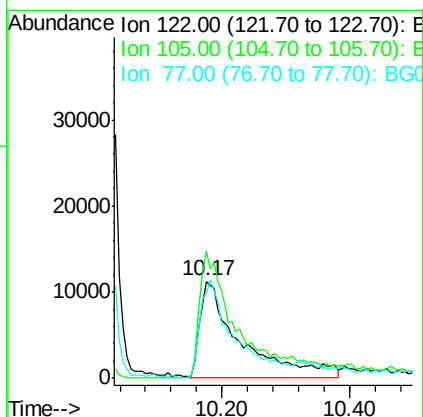
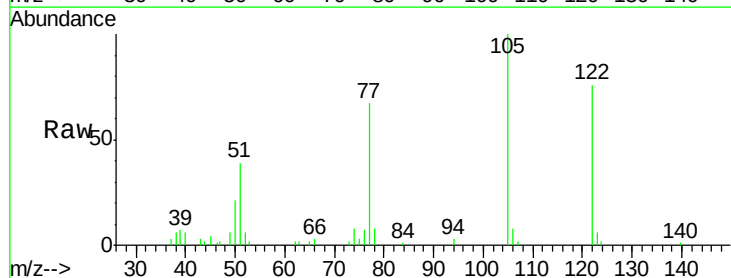
Manual Integrations
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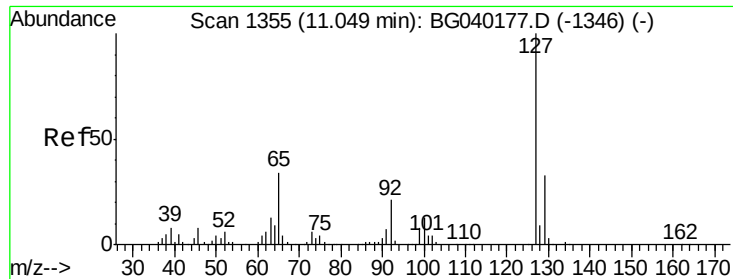
Sohil
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#32
Benzoic acid
Concen: 24.917 ng m
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG040501.D
Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	49852		
105	130.7	98.2	138.2	
77	87.2	73.6	113.6	





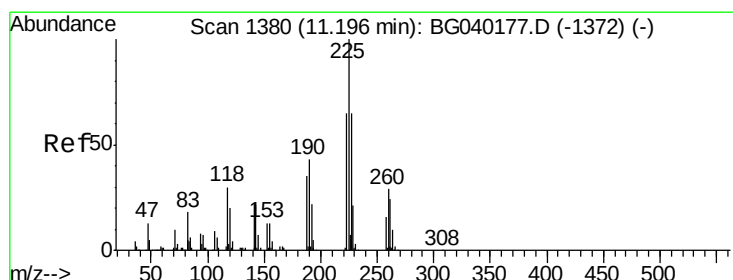
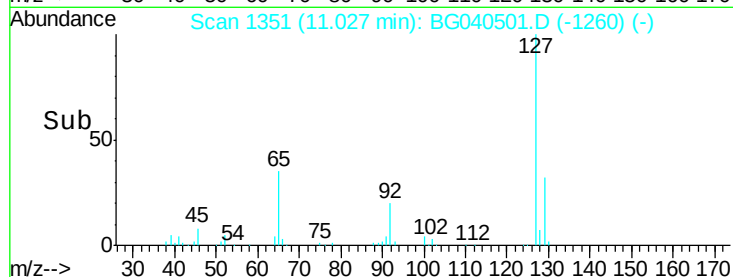
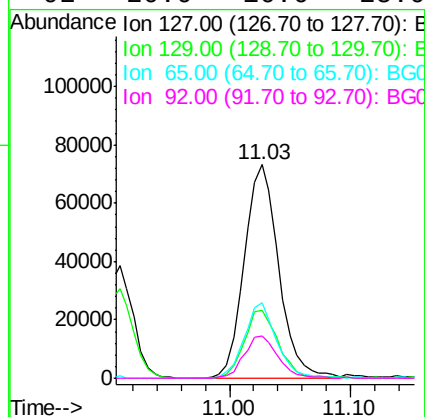
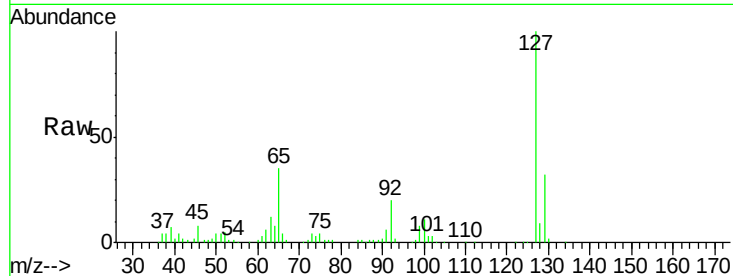
#33
4-Chloroaniline
Concen: 29.545 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG040501.D
Acq: 16 Apr 2019 13:13

Instrument :
BNA_G
ClientSampled :
PB118911BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	145879		
129	32.0	26.6	40.0	
65	35.1	27.0	40.4	
92	20.0	16.6	25.0	

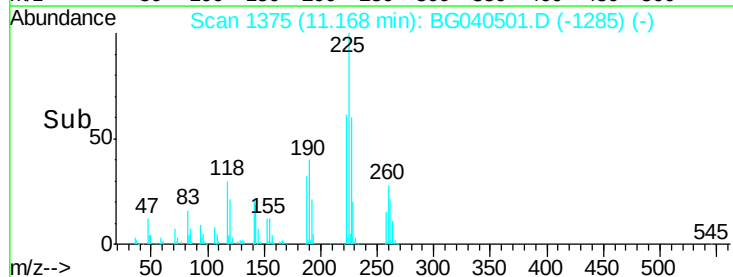
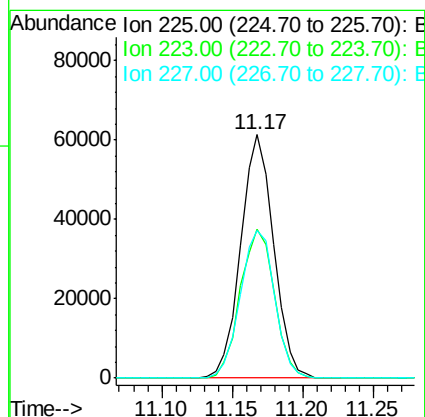
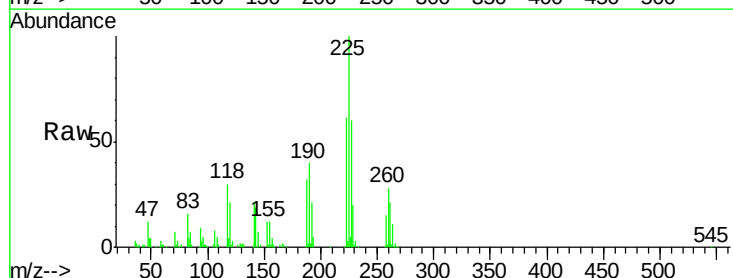
Manual Integrations
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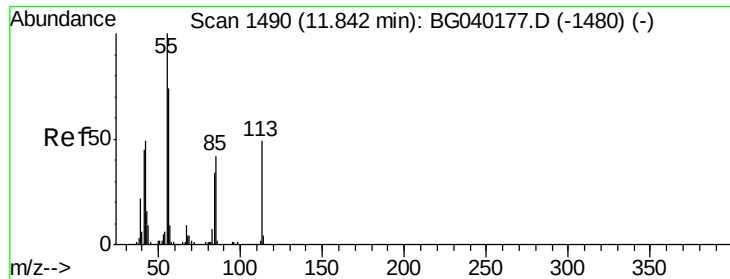
Sohil
4/17/2019 3:33:34 PM



#34
Hexachlorobutadiene
Concen: 39.748 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG040501.D
Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	100327		
223	61.2	51.8	77.8	
227	63.8	54.9	82.3	





#35

Caprolactam

Concen: 41.814 ng

RT: 11.81 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Instrument :

BNA_G

ClientSampled :

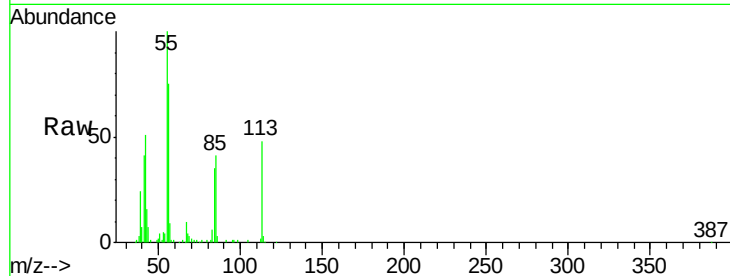
PB118911BS

Tgt Ion:113 Resp: 59641

Ion	Ratio	Lower	Upper
113	100		
55	206.9	184.2	224.2
56	156.0	131.3	171.3

Manual Integrations
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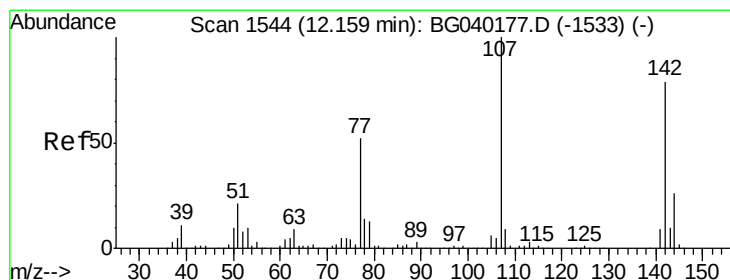
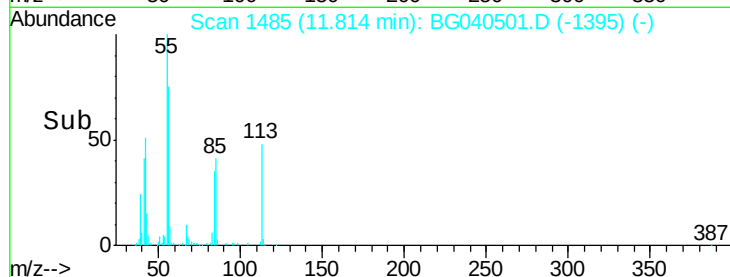
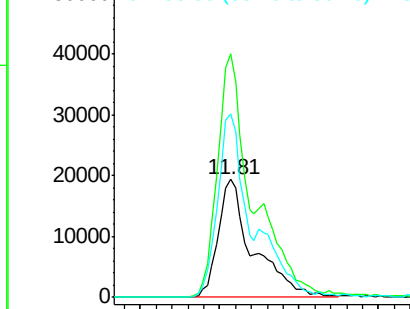
Sohil
4/17/2019 3:33:34 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG040177.D (-1480) (-)

Ion 56.00 (55.70 to 56.70): BG040177.D (-1480) (-)



#36

4-Chloro-3-methylphenol

Concen: 44.455 ng

RT: 12.14 min Scan# 1540

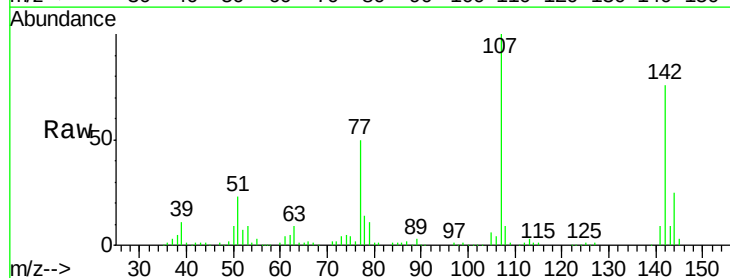
Delta R.T. 0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Tgt Ion:107 Resp: 183692

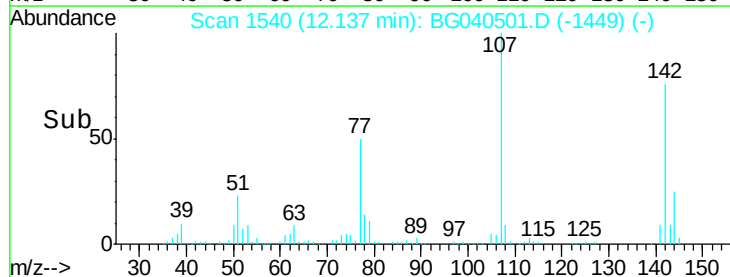
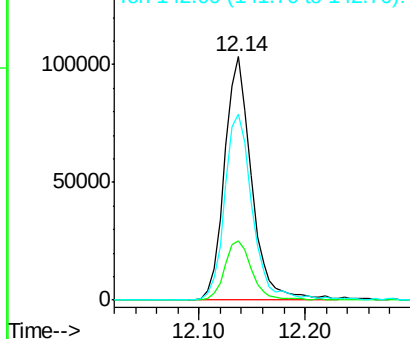
Ion	Ratio	Lower	Upper
107	100		
144	24.5	20.5	30.7
142	76.4	63.1	94.7

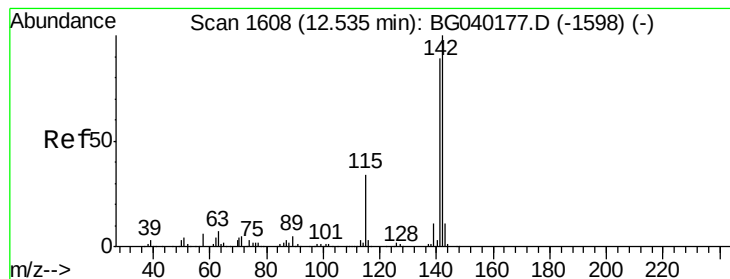


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.317 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Instrument :

BNA_G

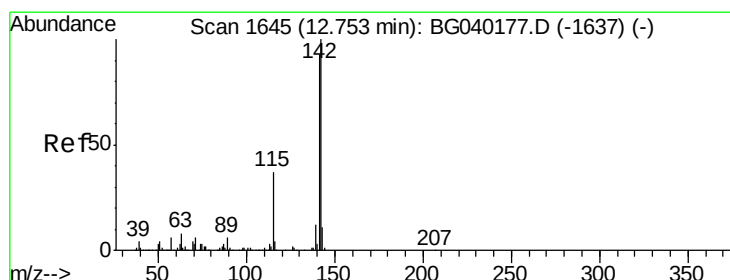
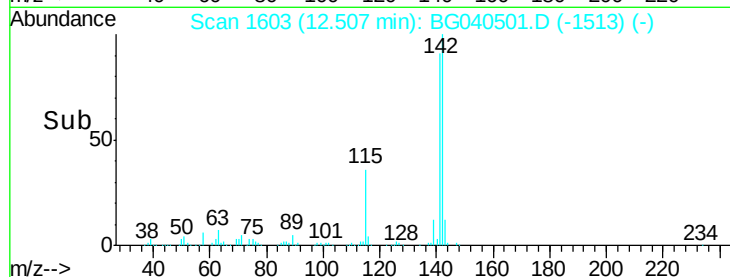
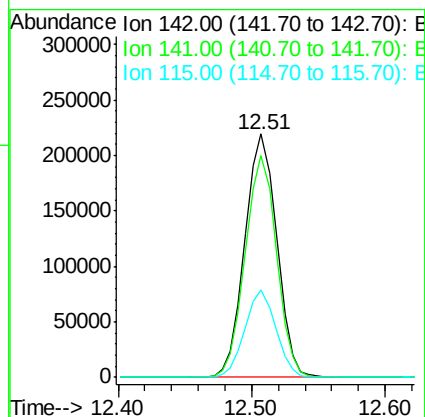
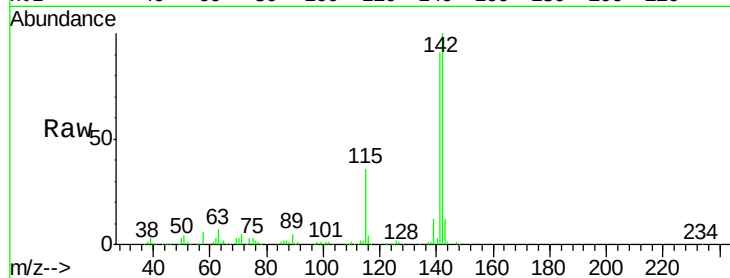
ClientSampleId :

PB118911BS

Tgt Ion:	142	Resp:	362273
Ion Ratio	Lower	Upper	
142	100		
141	91.0	71.0	106.6
115	36.0	27.3	40.9

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 41.876 ng

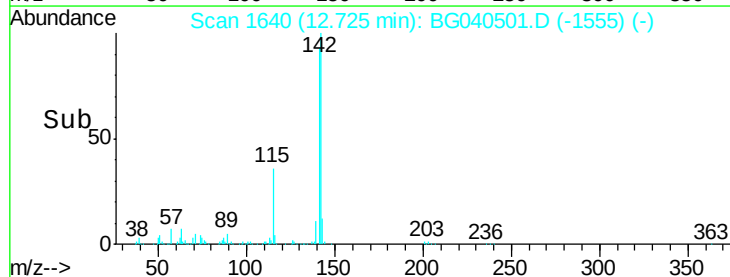
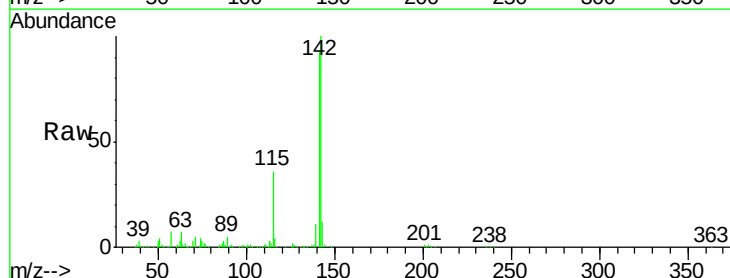
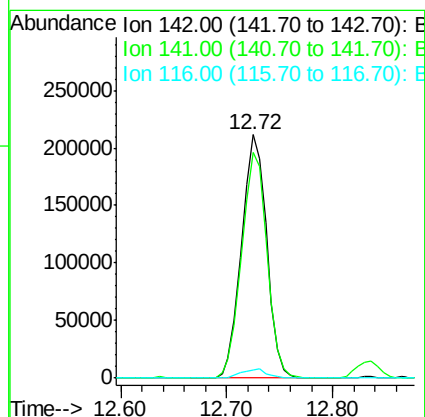
RT: 12.72 min Scan# 1640

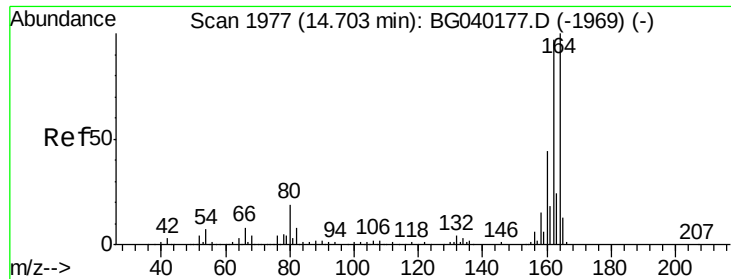
Delta R.T. -0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Tgt Ion:	142	Resp:	347633
Ion Ratio	Lower	Upper	
142	100		
141	92.8	74.2	111.4
116	3.5	3.0	4.4





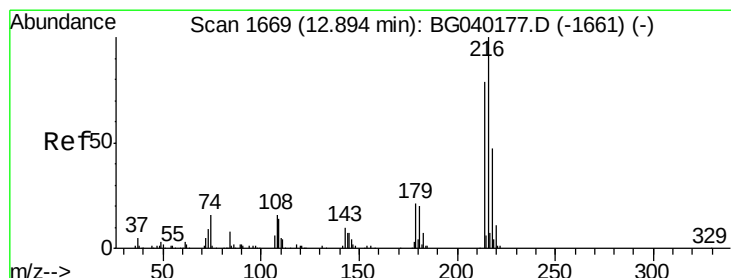
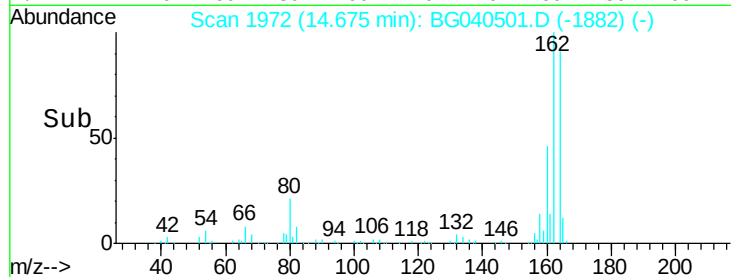
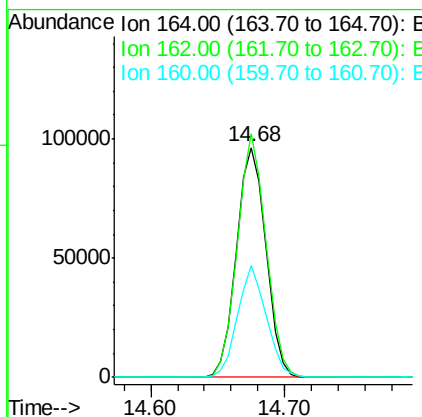
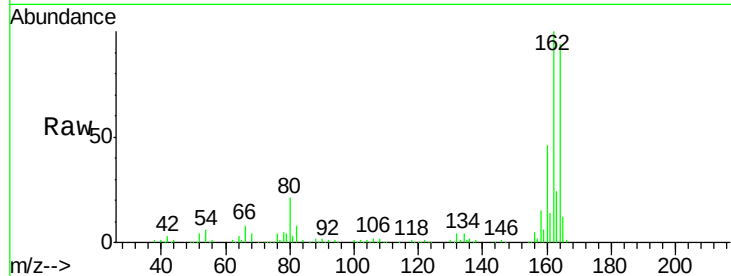
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG040501.D
Acq: 16 Apr 2019 13:13

Instrument :
BNA_G
ClientSampled :
PB118911BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	146876		
162	105.9	77.4	116.2	
160	48.4	35.3	52.9	

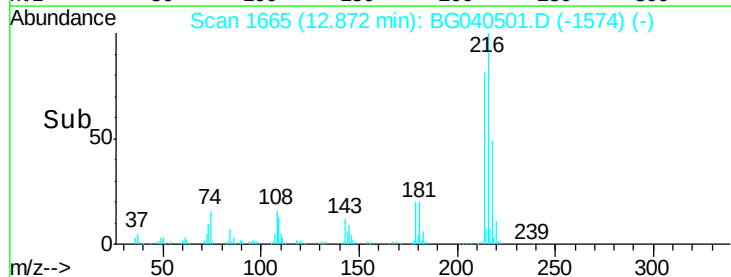
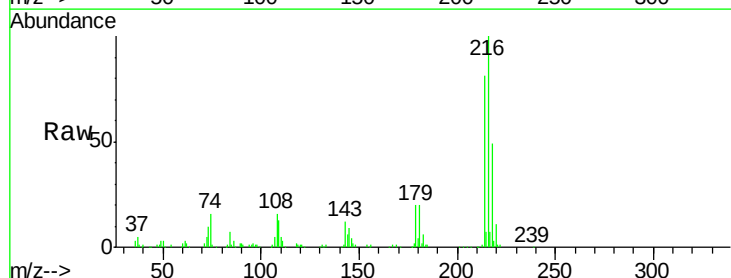
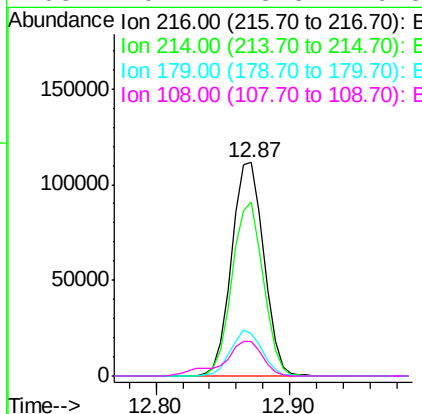
Manual Integrations
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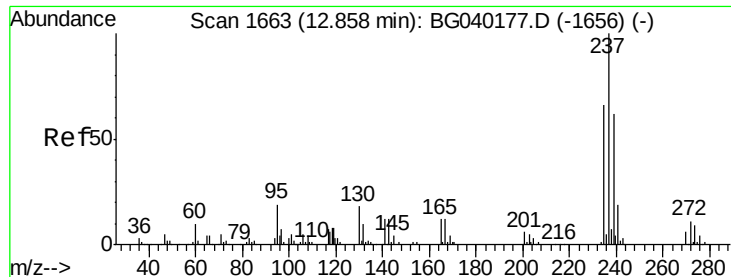
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.210 ng
RT: 12.87 min Scan# 1665
Delta R.T. 0.00 min
Lab File: BG040501.D
Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	187708		
214	78.8	63.5	95.3	
179	20.7	16.6	25.0	
108	19.7	13.8	20.8	





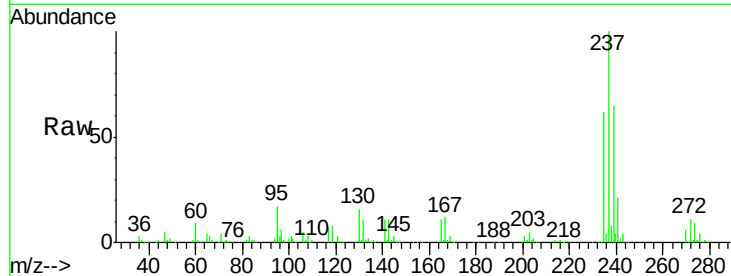
#41
Hexachlorocyclopentadiene
Concen: 78.501 ng
RT: 12.84 min Scan# 1659
Delta R.T. 0.00 min
Lab File: BG040501.D
Acq: 16 Apr 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB118911BS

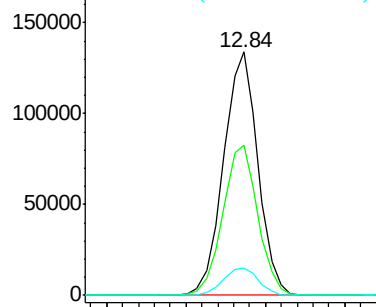
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.7	46.2	86.2
272	11.1	0.0	30.5

Manual Integrations
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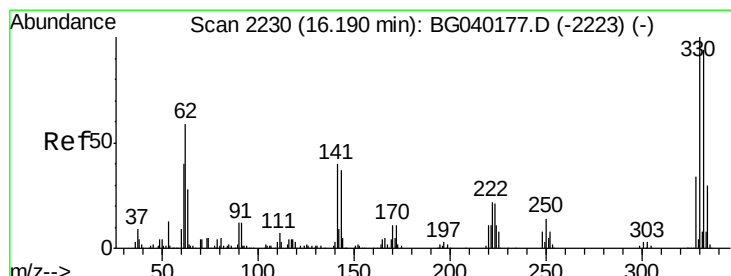
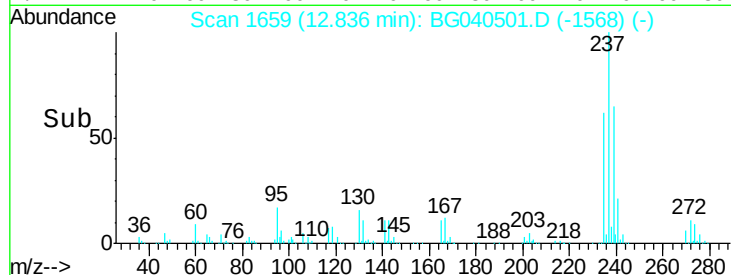
Sohil
4/17/2019 3:33:34 PM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

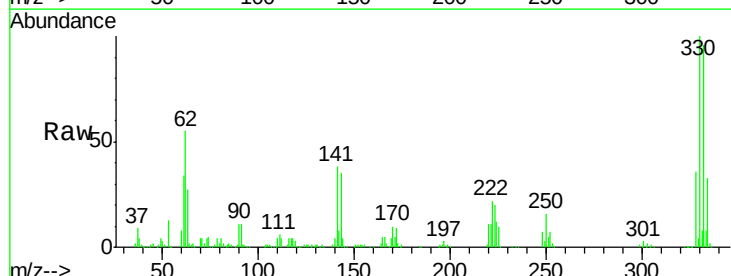


Time--> 12.75 12.80 12.85 12.90

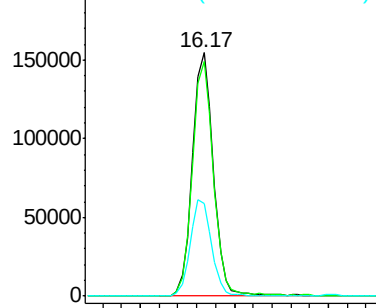


#42
2,4,6-Tribromophenol
Concen: 152.646 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BG040501.D
Acq: 16 Apr 2019 13:13

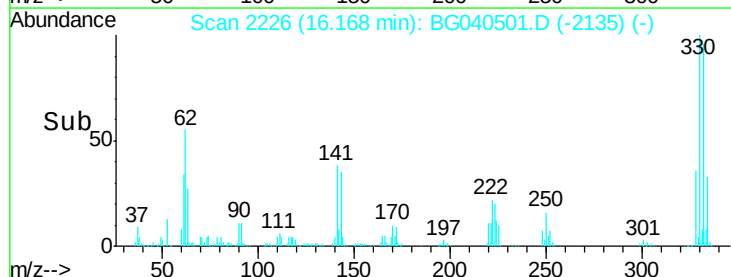
Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.3	76.6	115.0
141	40.1	32.6	48.8

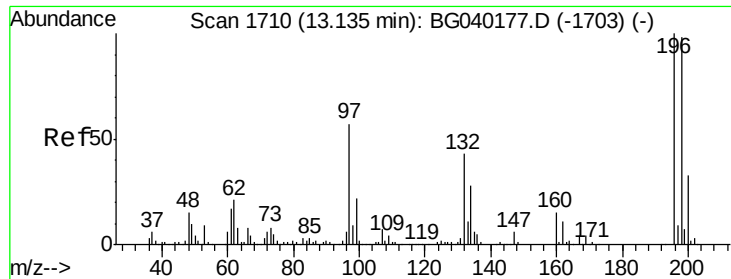


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time--> 16.10 16.20 16.30





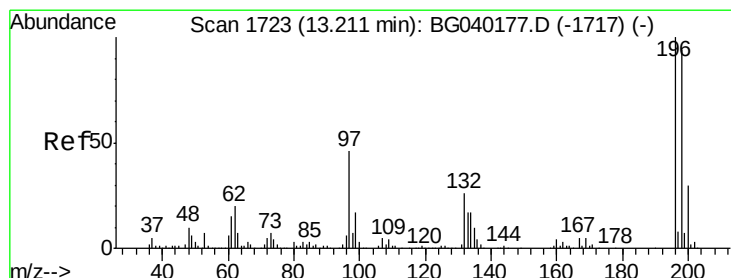
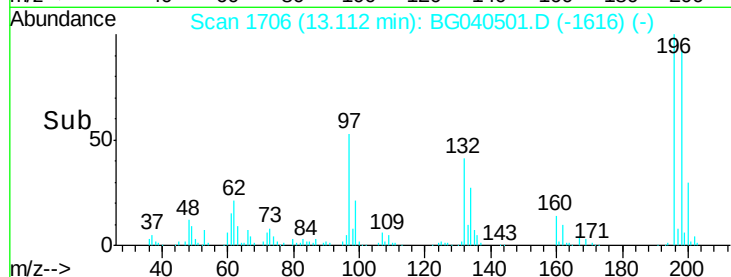
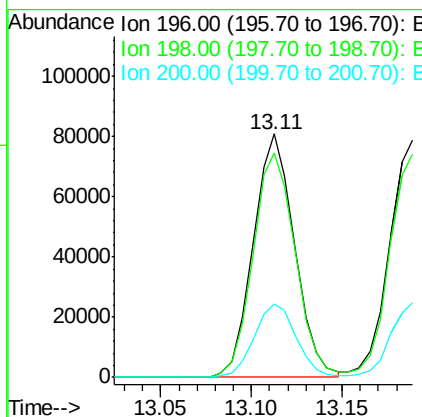
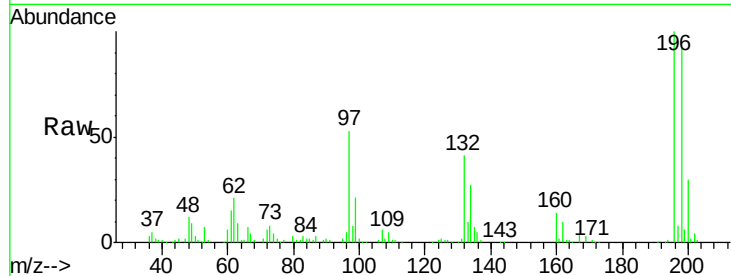
#43
 2,4,6-Trichlorophenol
 Concen: 42.292 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB118911BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	127288		
198	92.3	78.3	117.5	
200	30.4	26.0	39.0	

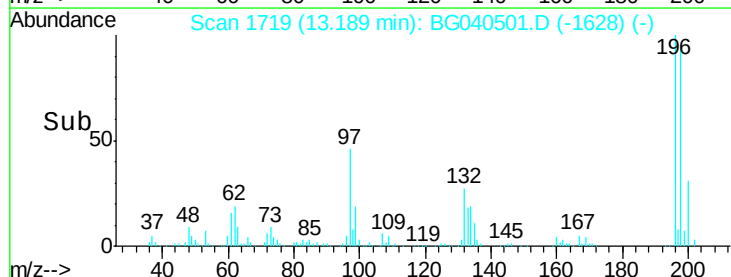
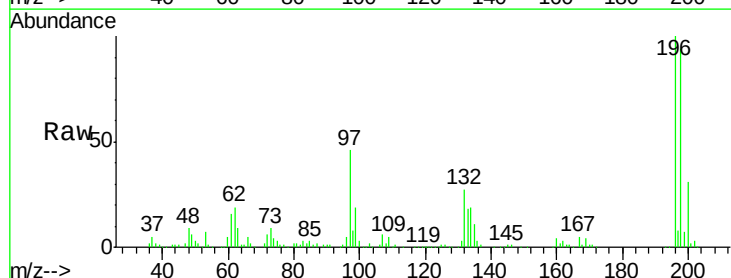
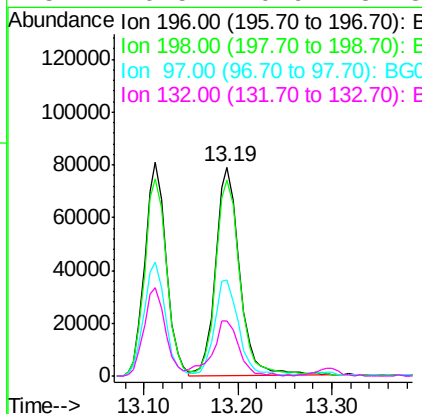
Manual Integrations
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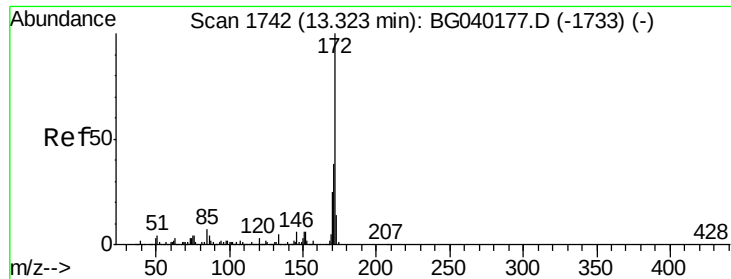
Sohil
 4/17/2019 3:33:34 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.741 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	140215		
198	94.1	75.0	112.6	
97	46.3	37.3	55.9	
132	26.5	20.9	31.3	





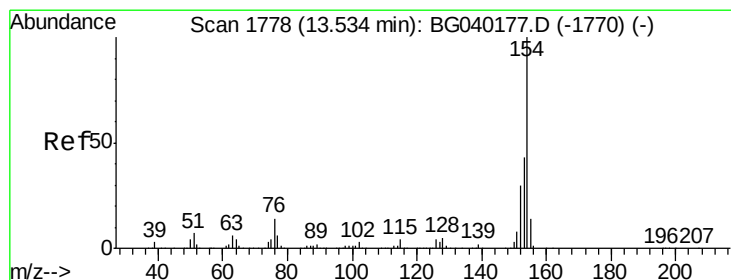
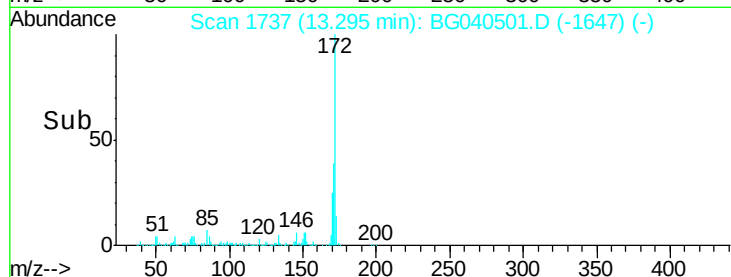
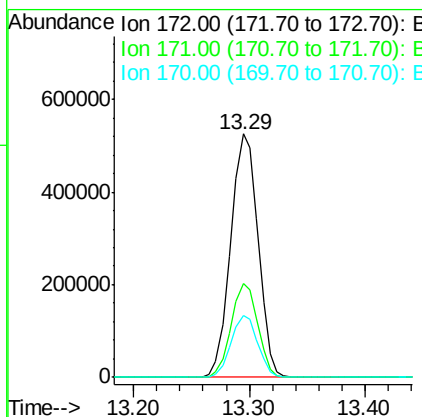
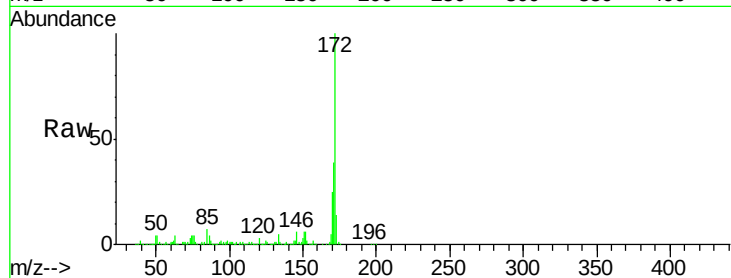
#45
 2-Fluorobiphenyl
 Concen: 86.804 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB118911BS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	860423		
171	38.5		30.5	45.7
170	25.4		20.1	30.1

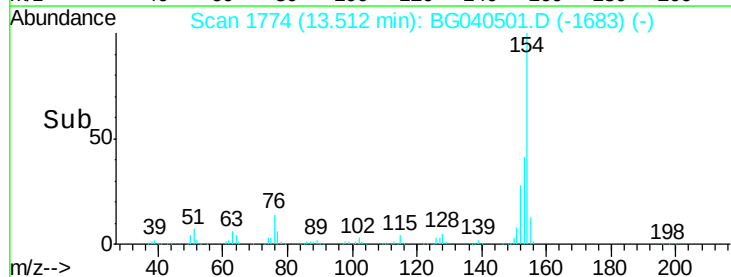
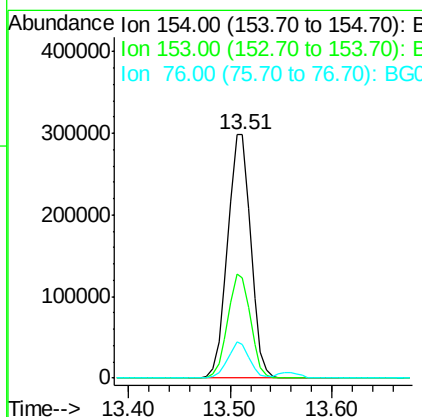
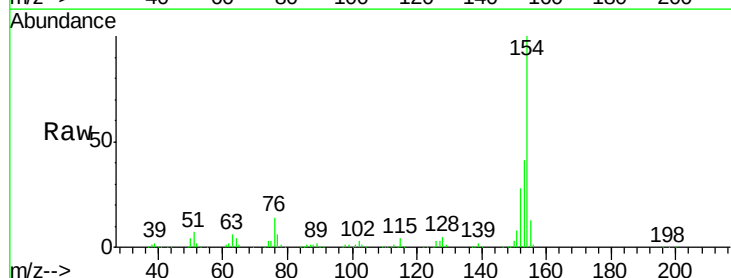
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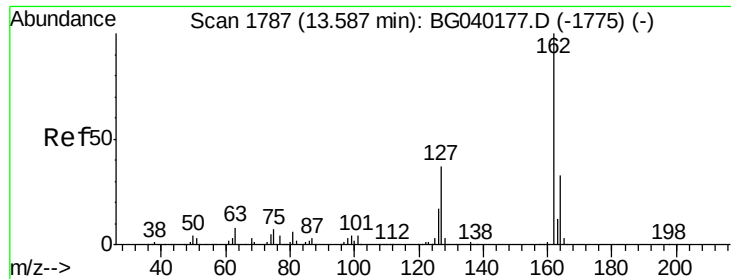
Sohil
 4/17/2019 3:33:34 PM



#46
 1,1'-Biphenyl
 Concen: 40.723 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	472596		
153	41.1		22.5	62.5
76	13.8		0.0	33.7





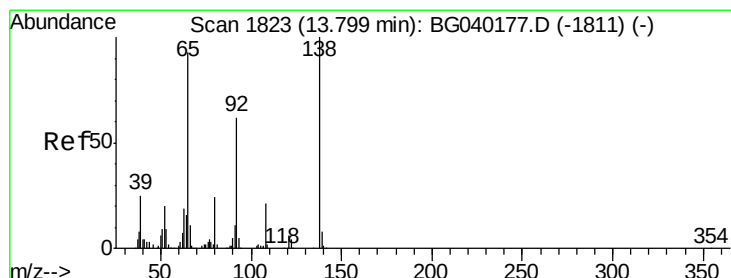
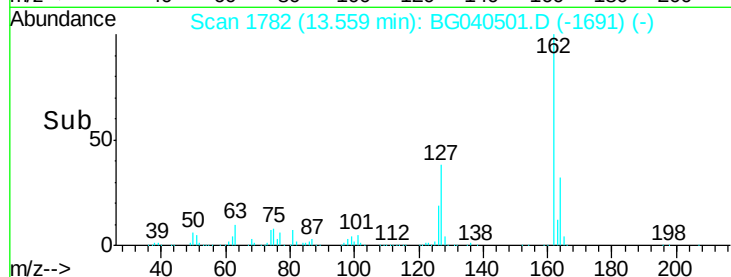
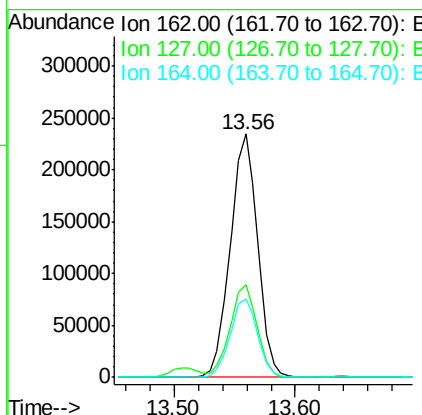
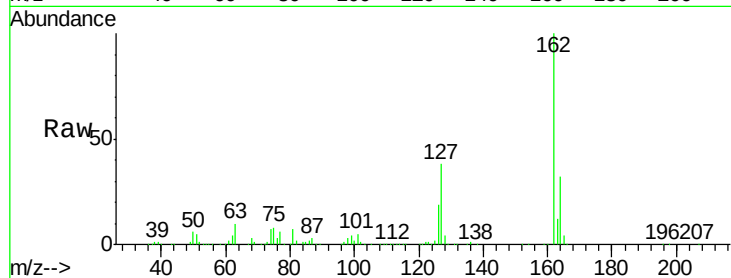
#47
 2-Chloronaphthalene
 Concen: 41.449 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB118911BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	368977		
127	37.9	30.6	45.8	
164	32.1	26.2	39.4	

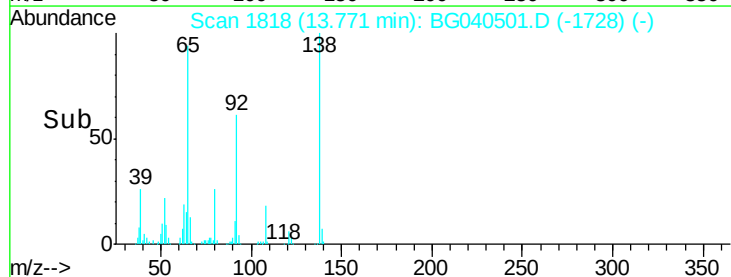
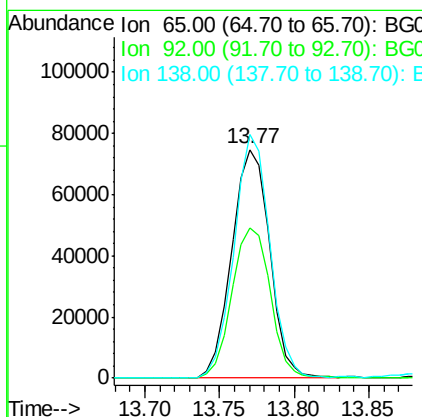
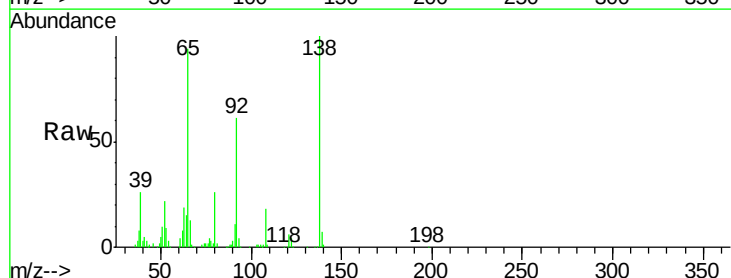
Manual Integrations
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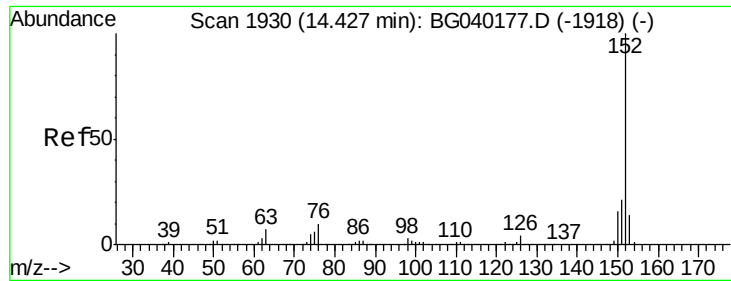
Sohil
 4/17/2019 3:33:34 PM



#48
 2-Nitroaniline
 Concen: 43.683 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	131167		
92	65.4	53.8	80.6	
138	106.4	86.3	129.5	





#49

Acenaphthylene

Concen: 40.463 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Instrument :

BNA_G

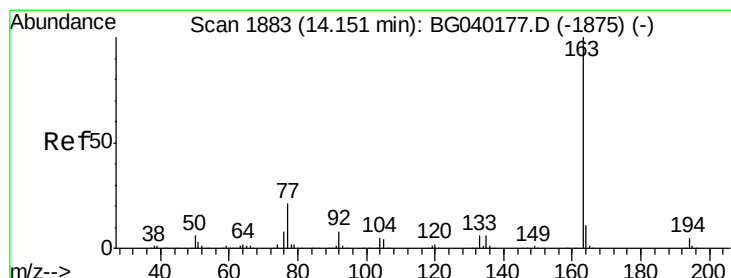
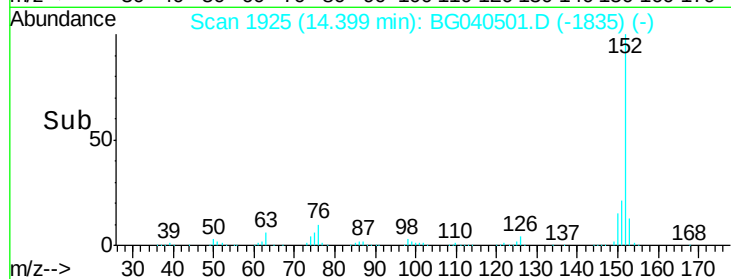
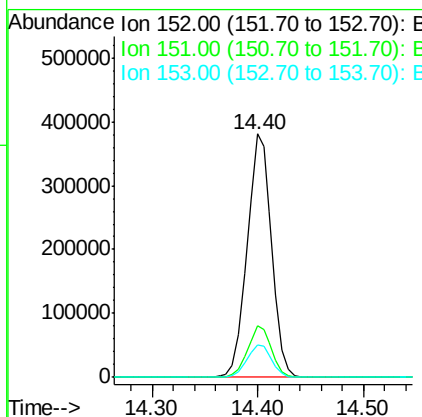
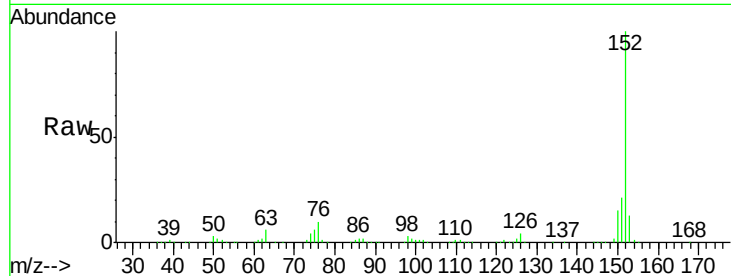
ClientSampleId :

PB118911BS

Tgt Ion:	152	Resp:	610700
Ion Ratio		Lower	Upper
152	100		
151	21.2	17.0	25.6
153	13.5	10.8	16.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 42.778 ng

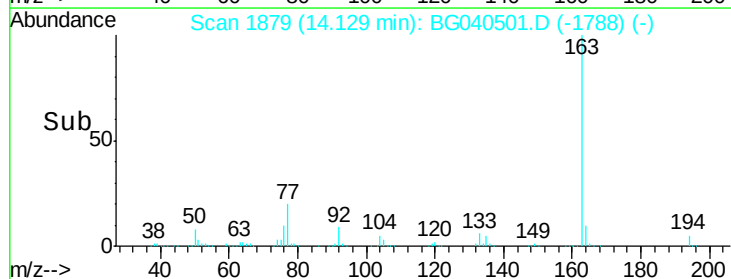
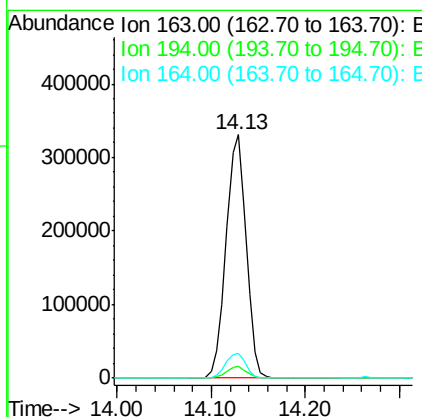
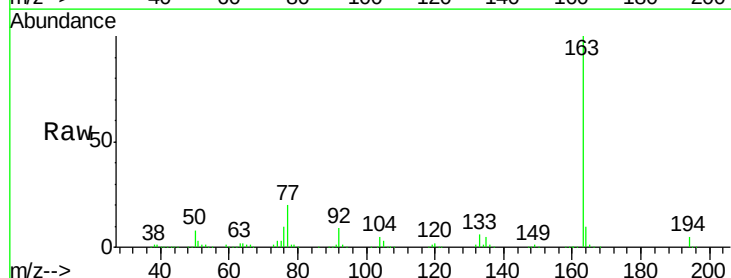
RT: 14.13 min Scan# 1879

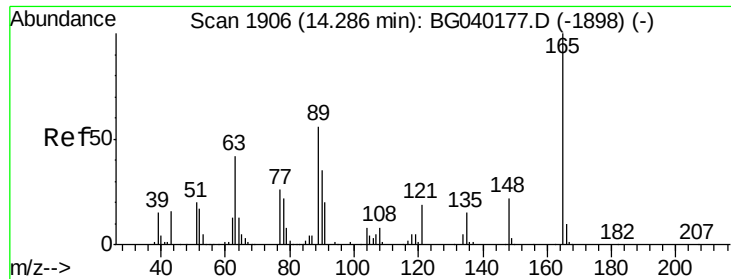
Delta R.T. 0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Tgt Ion:	163	Resp:	491739
Ion Ratio		Lower	Upper
163	100		
194	4.9	4.1	6.1
164	9.9	8.6	13.0





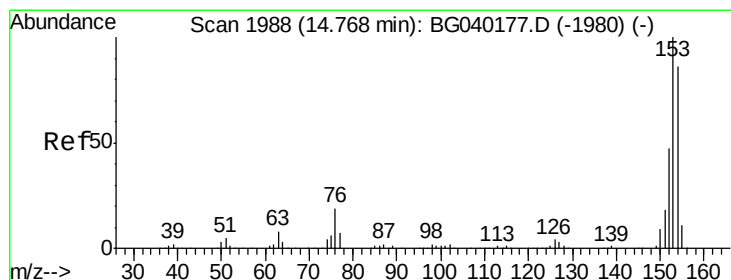
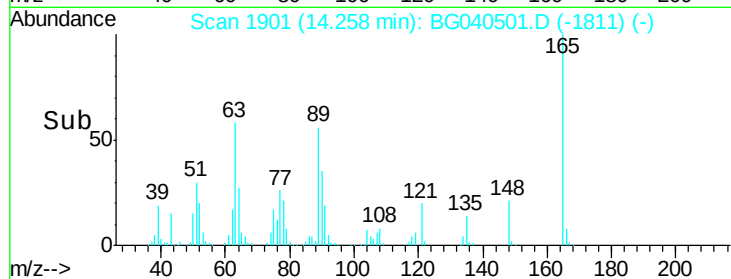
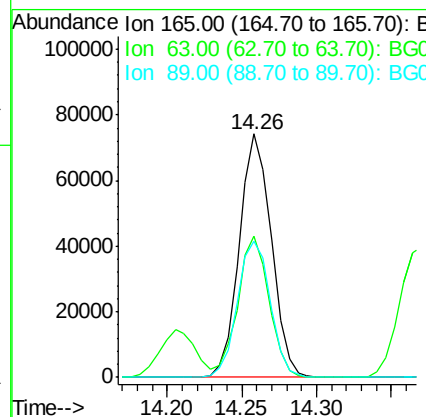
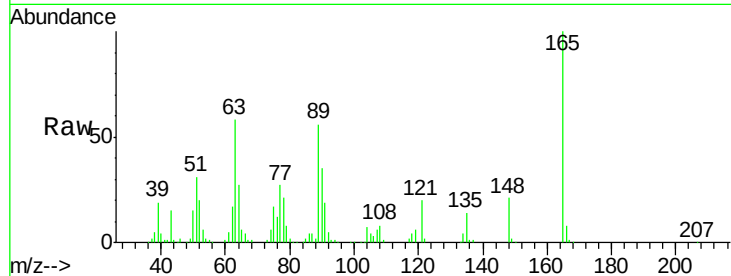
#51
 2,6-Dinitrotoluene
 Concen: 42.826 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB118911BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	110536		
63	57.8	44.1	66.1	
89	55.9	44.9	67.3	

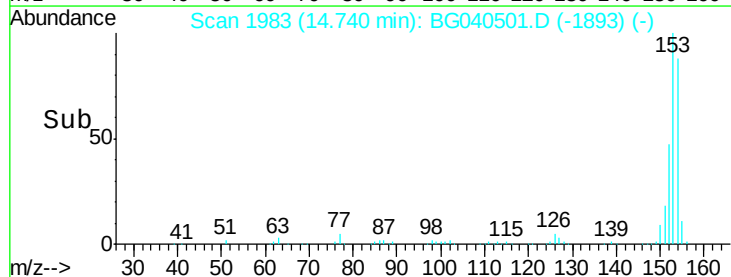
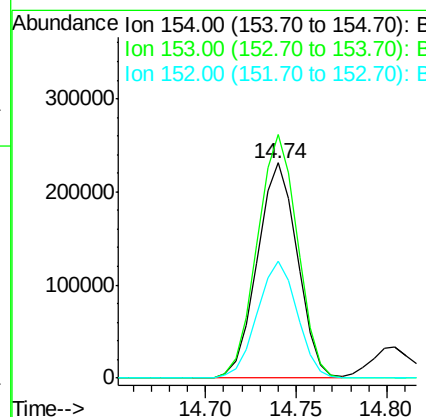
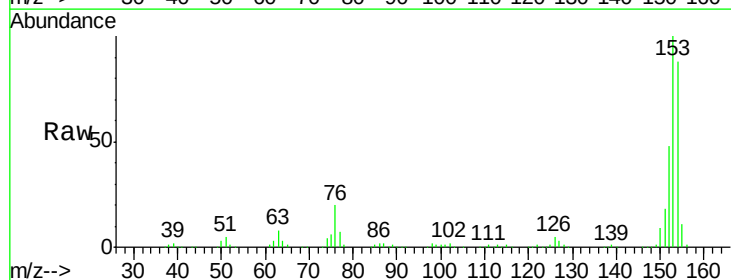
Manual Integrations
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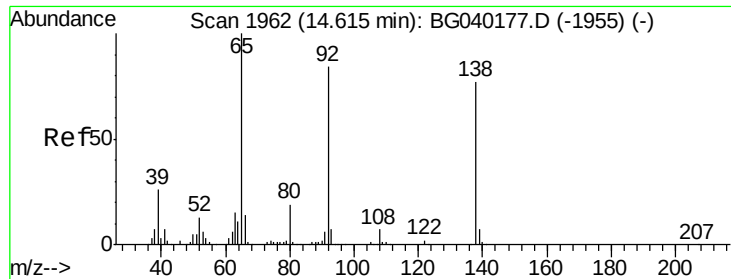
Sohil
 4/17/2019 3:33:34 PM



#52
 Acenaphthene
 Concen: 41.186 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	356193		
153	113.3	92.8	139.2	
152	54.1	43.4	65.2	





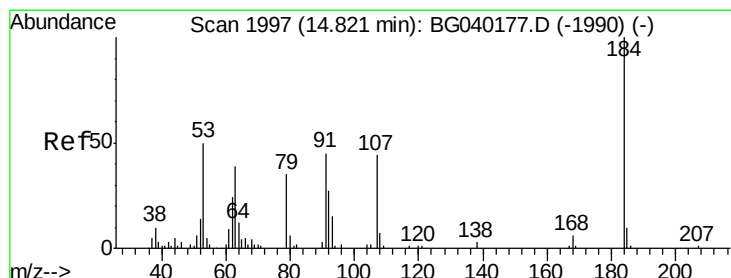
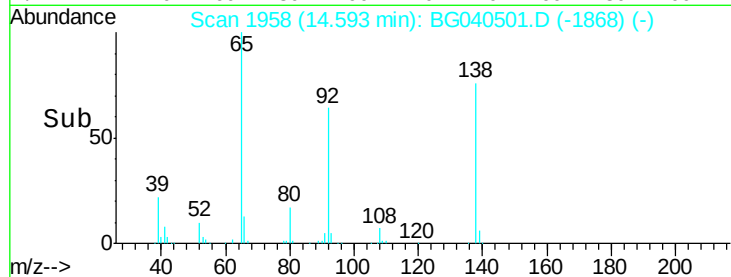
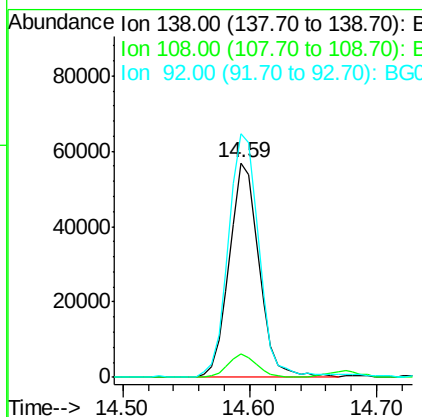
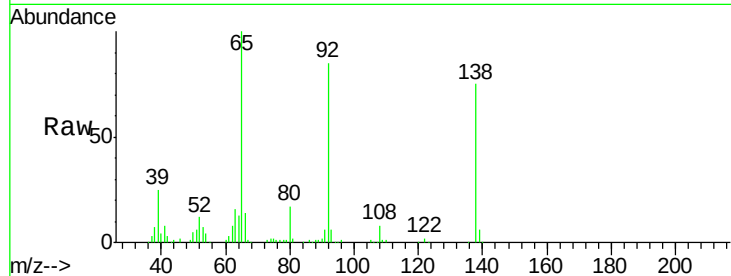
#53
 3-Nitroaniline
 Concen: 33.822 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB118911BS

Tgt Ion:138 Resp: 92406
 Ion Ratio Lower Upper
 138 100
 108 10.7 7.8 11.8
 92 113.5 87.5 131.3

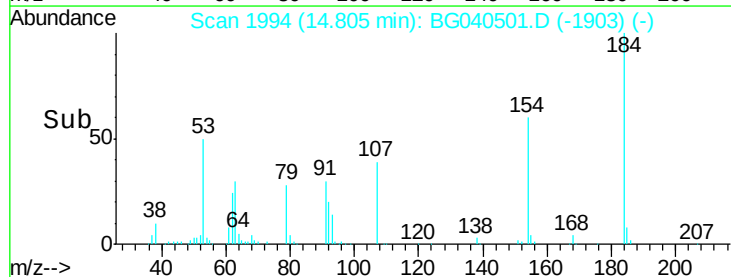
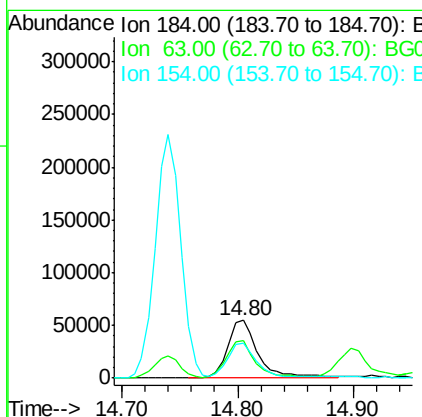
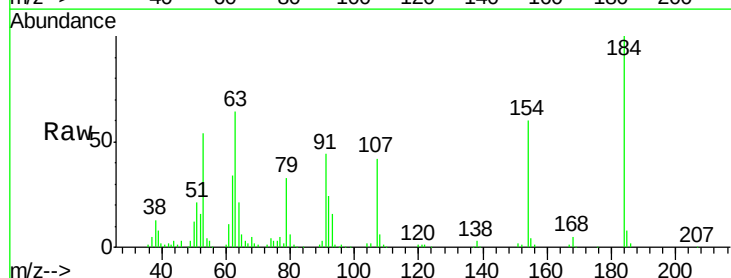
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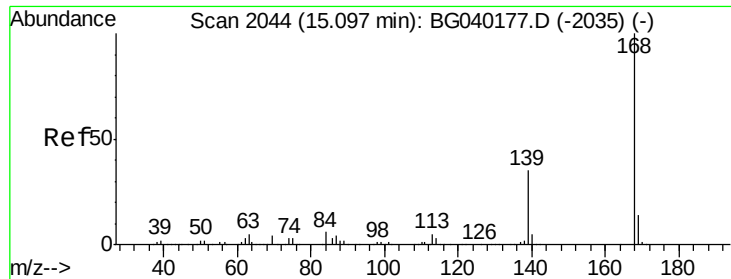
Sohil
 4/17/2019 3:33:34 PM



#54
 2,4-Dinitrophenol
 Concen: 73.547 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Tgt Ion:184 Resp: 100955
 Ion Ratio Lower Upper
 184 100
 63 64.0 51.8 77.8
 154 60.3 50.9 76.3





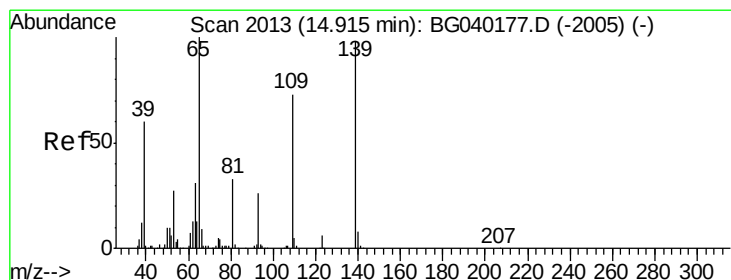
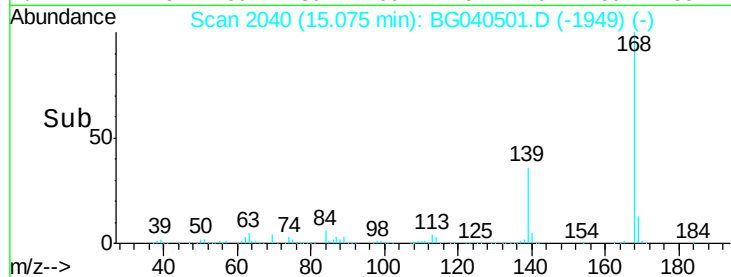
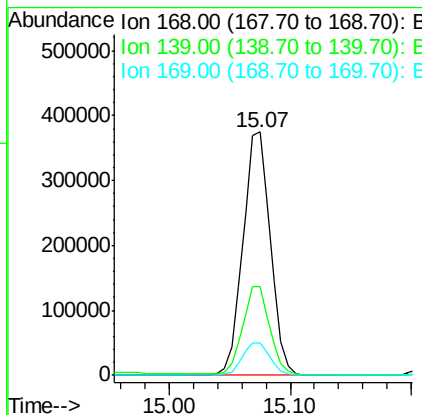
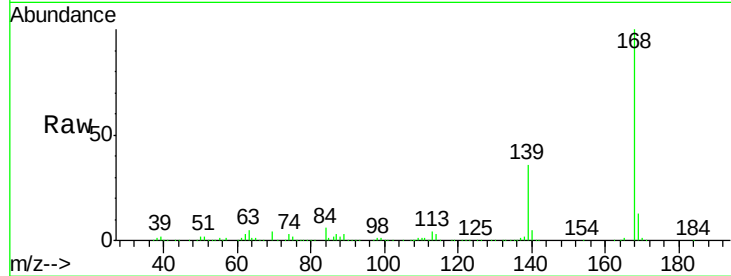
#55
Dibenzofuran
Concen: 42.775 ng
RT: 15.07 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG040501.D
Acq: 16 Apr 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB118911BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	594434		
139	36.2	27.9	41.9	
169	13.5	11.3	16.9	

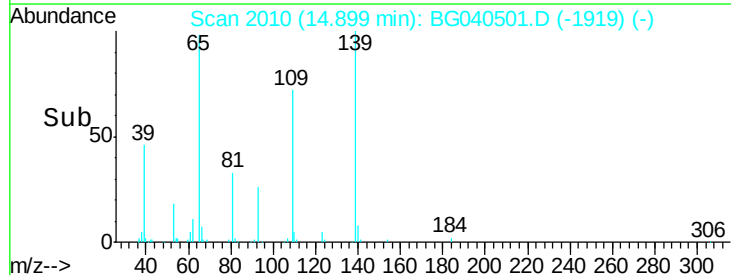
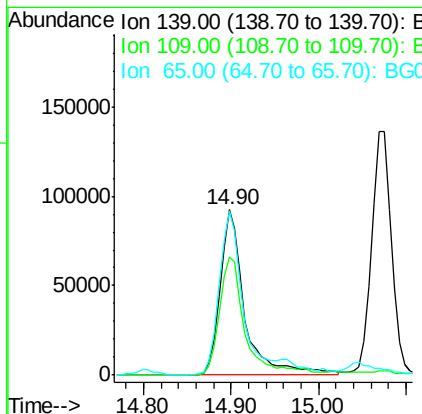
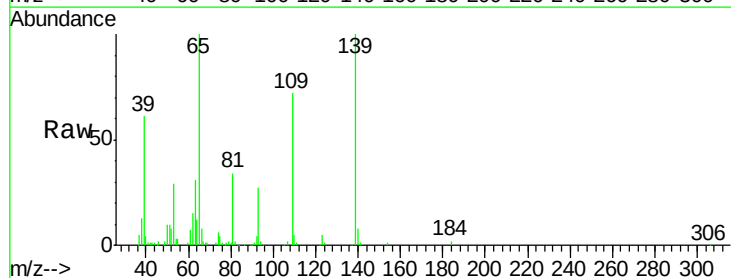
Manual Integrations
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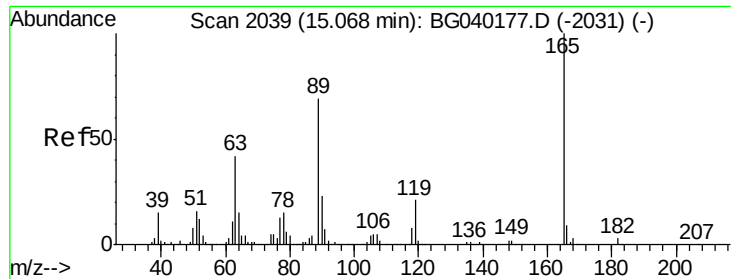
Sohil
4/17/2019 3:33:34 PM



#56
4-Nitrophenol
Concen: 81.680 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG040501.D
Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	180110		
109	71.8	54.3	94.3	
65	99.8	82.5	122.5	





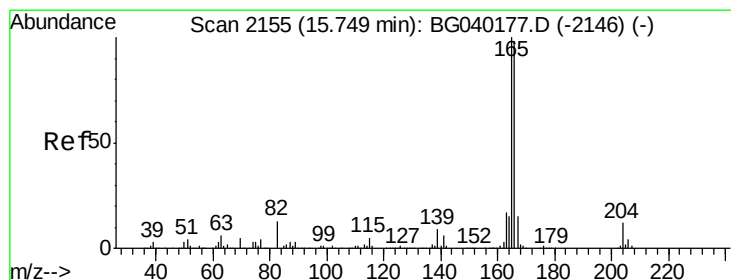
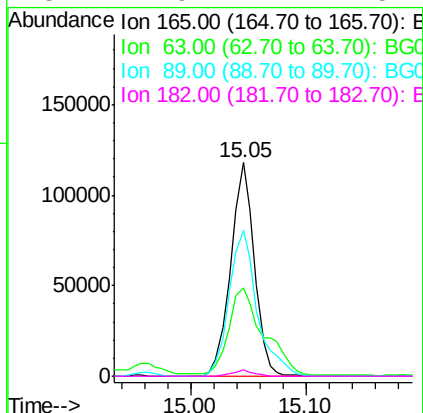
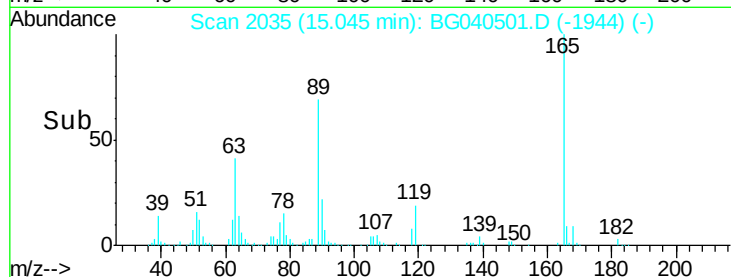
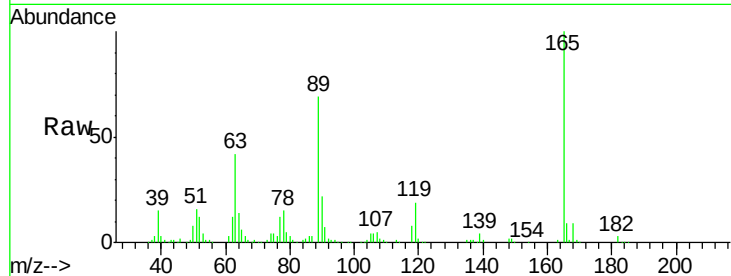
#57
2,4-Dinitrotoluene
Concen: 46.410 ng
RT: 15.05 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG040501.D
Acq: 16 Apr 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB118911BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	166447		
63	41.6	33.8	50.6	
89	68.6	55.4	83.2	
182	2.9	2.2	3.4	

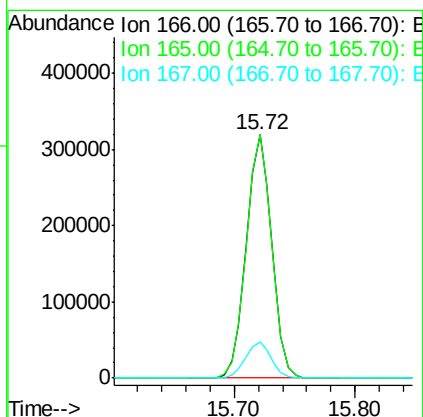
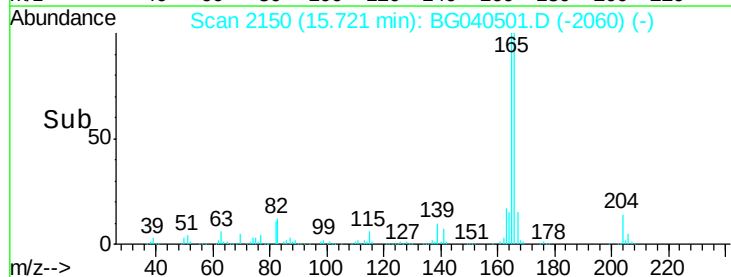
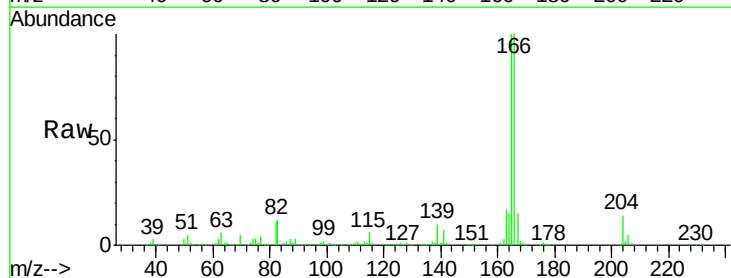
Manual Integrations
APPROVED

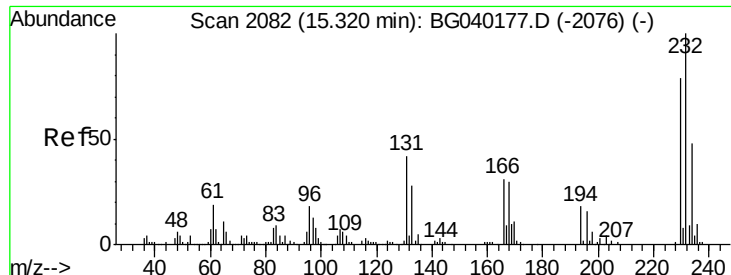
Sohil
4/17/2019 3:33:34 PM



#58
Fluorene
Concen: 42.982 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG040501.D
Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	469621		
165	99.8	81.7	122.5	
167	14.9	11.9	17.9	





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.064 ng

RT: 15.30 min Scan# 2078

Delta R.T. -0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Instrument :

BNA_G

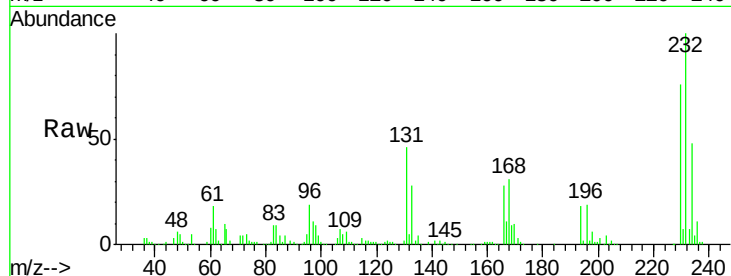
ClientSampleId :

PB118911BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	137131		
131	43.6	32.9	49.3	
130	2.0	1.8	2.8	
166	30.8	23.5	35.3	

Manual Integrations
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4/17/2019 3:33:34 PM

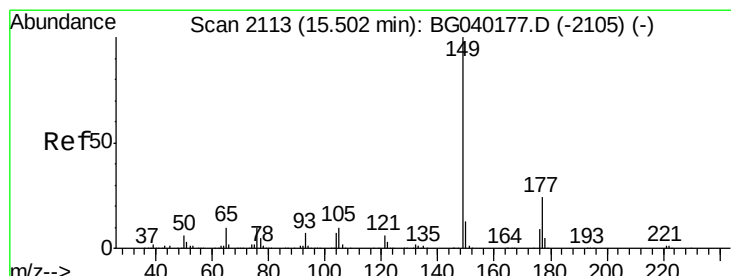
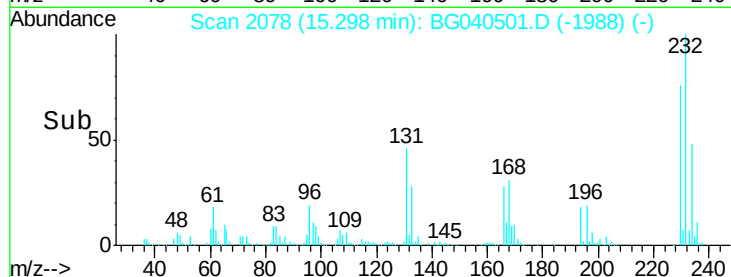
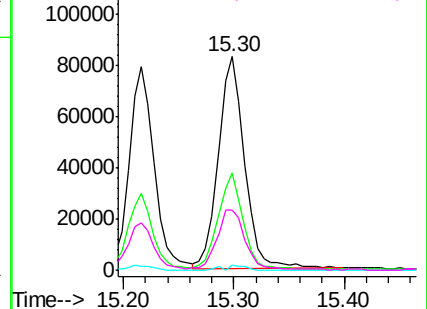


Abundance Ion 232.00 (231.70 to 232.70): E

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



#60

Diethylphthalate

Concen: 44.846 ng

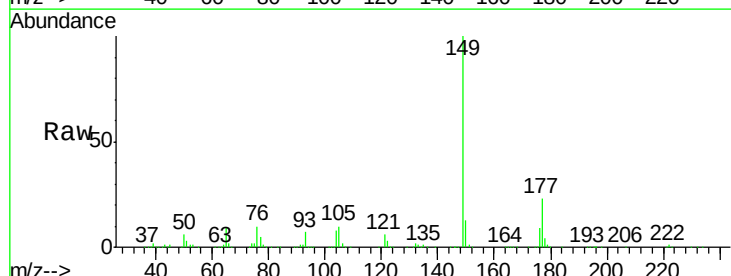
RT: 15.47 min Scan# 2108

Delta R.T. -0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

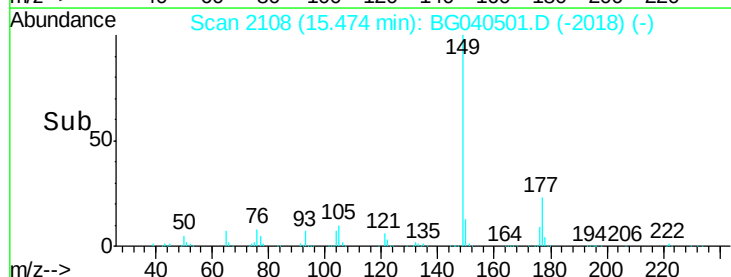
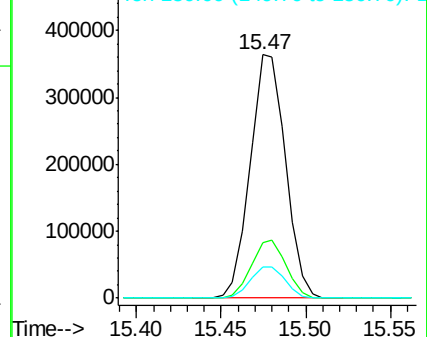
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	527514		
177	22.6	19.1	28.7	
150	12.5	10.6	15.8	

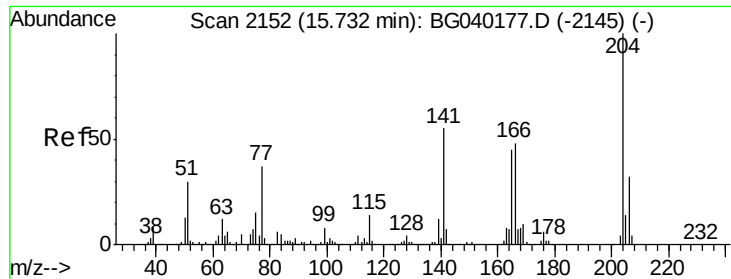


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





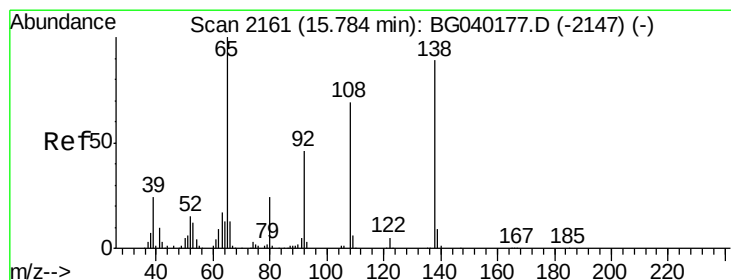
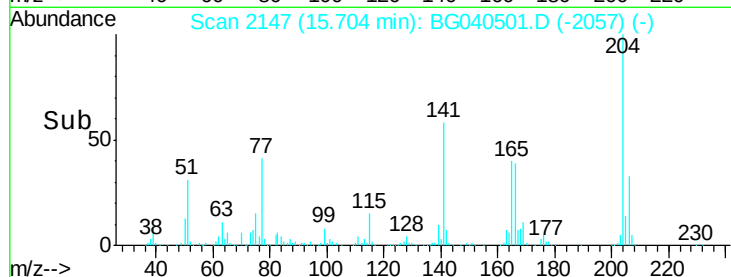
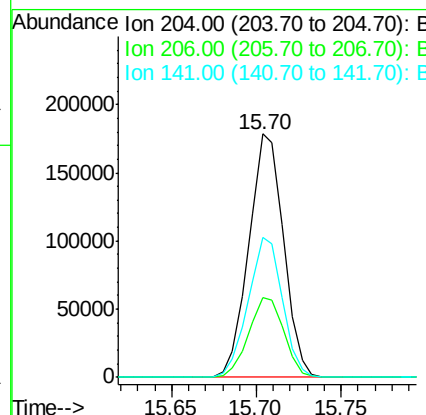
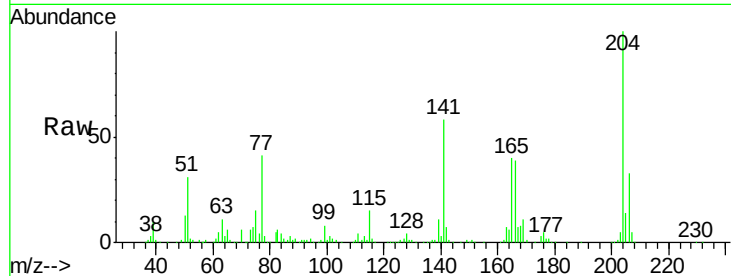
#61
 4-Chlorophenyl-phenylether
 Concen: 43.762 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Instrument :
 BNA_G
 ClientSampled :
 PB118911BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.7	38.5
141	57.7	44.0	66.0

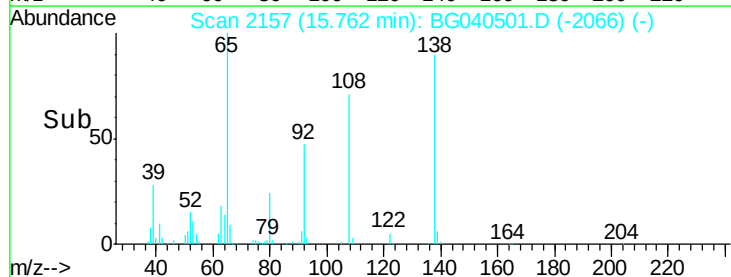
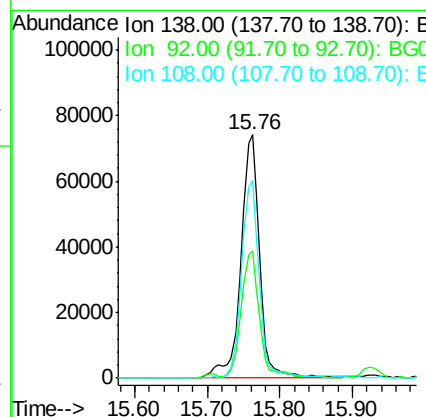
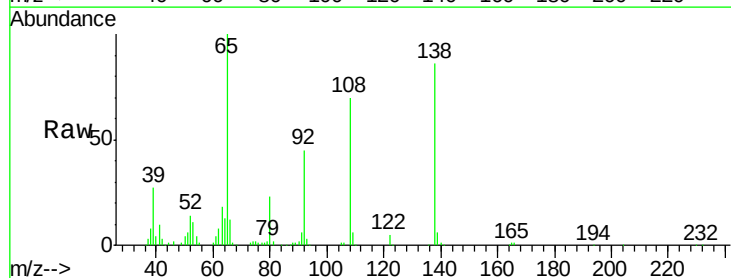
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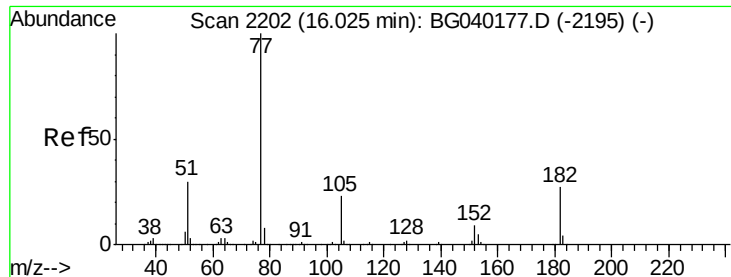
Sohil
 4/17/2019 3:33:34 PM



#62
 4-Nitroaniline
 Concen: 45.620 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.2	31.8	71.8
108	81.4	57.2	97.2





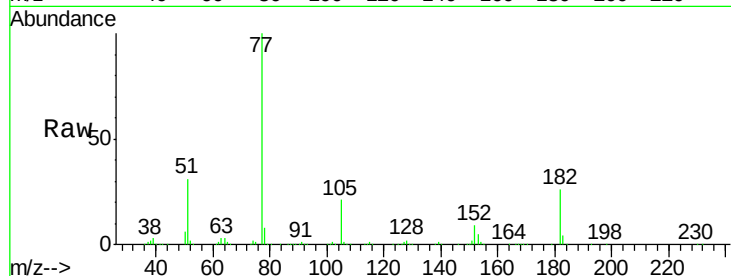
#63
Azobenzene
Concen: 43.832 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG040501.D
Acq: 16 Apr 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB118911BS

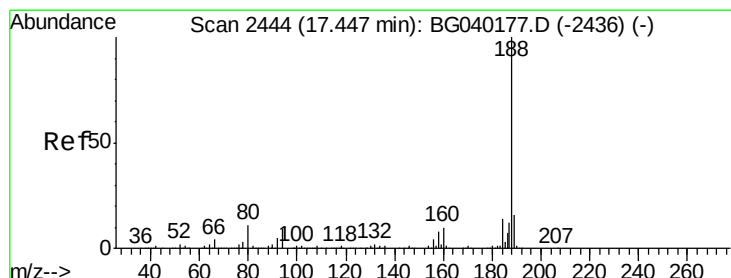
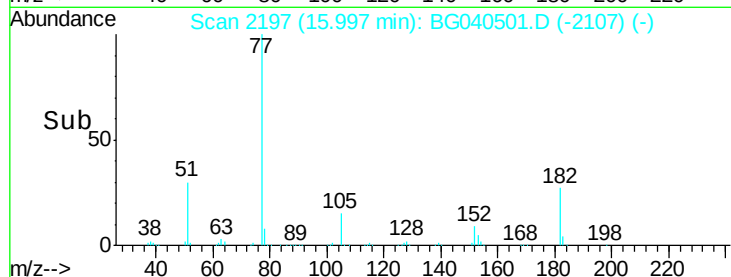
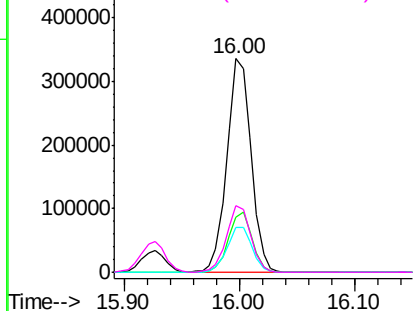
Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.7	7.2	47.2
105	21.2	2.8	42.8
51	31.0	10.4	50.4

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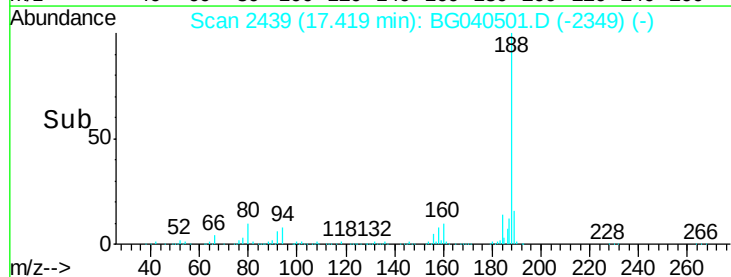
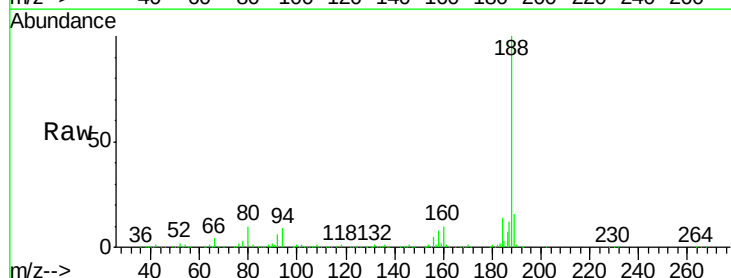
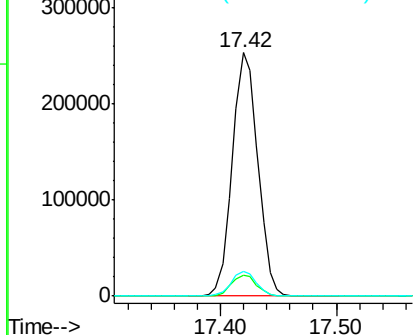
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

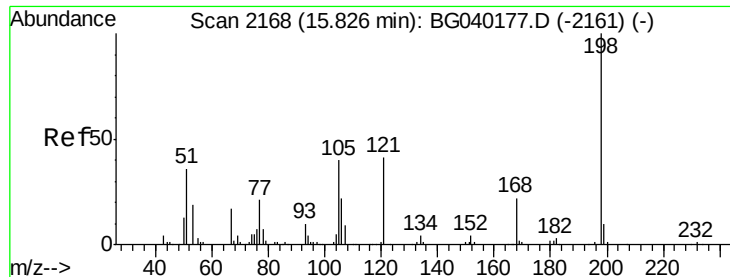


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG040501.D
Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.4
80	10.3	8.6	13.0

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





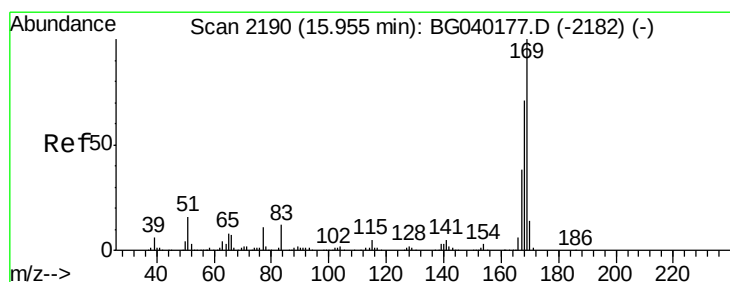
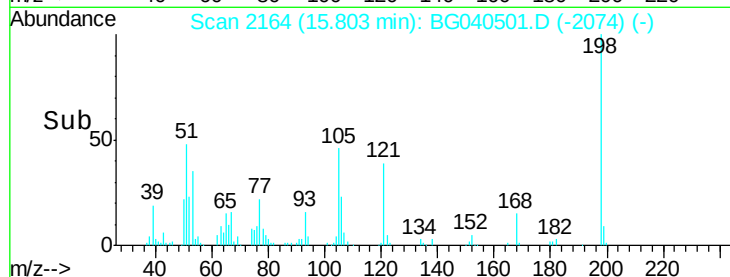
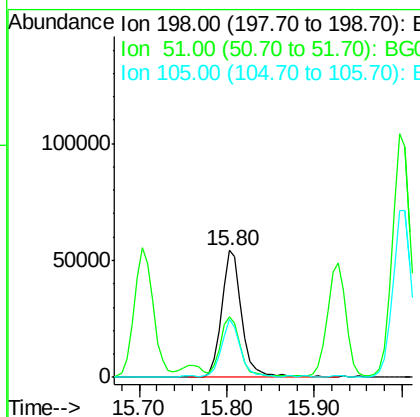
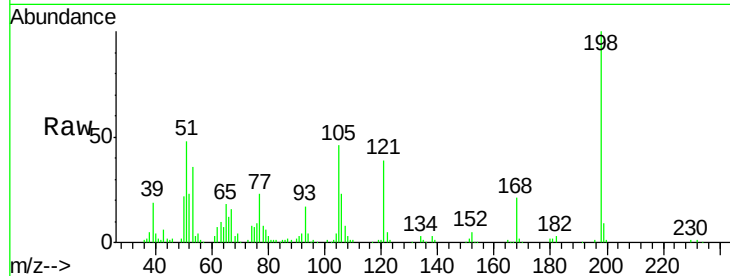
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.257 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB118911BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	87526		
51	47.9	27.3	67.3	
105	45.6	21.7	61.7	

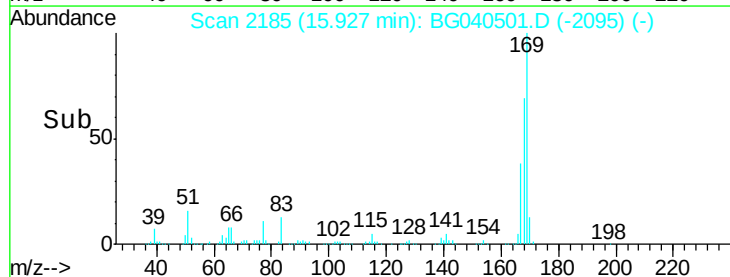
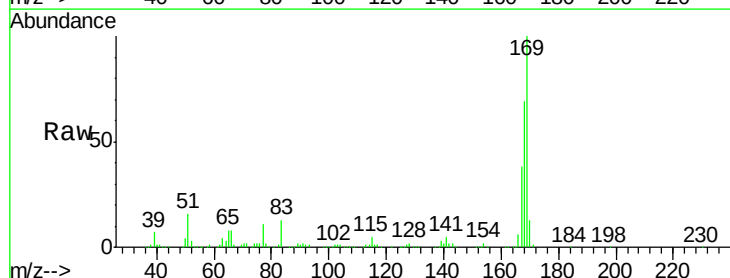
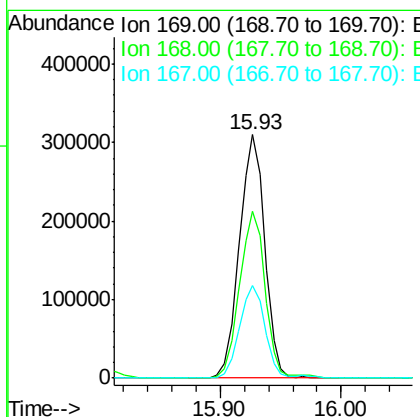
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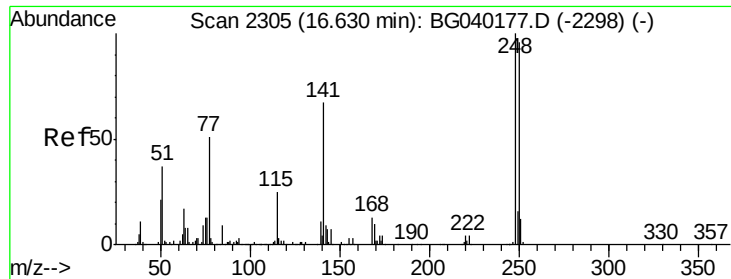
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#66
 n-Nitrosodiphenylamine
 Concen: 40.056 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	453610		
168	68.7	56.8	85.2	
167	38.2	30.2	45.4	





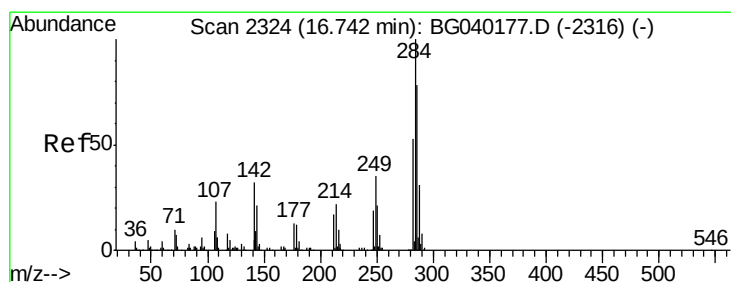
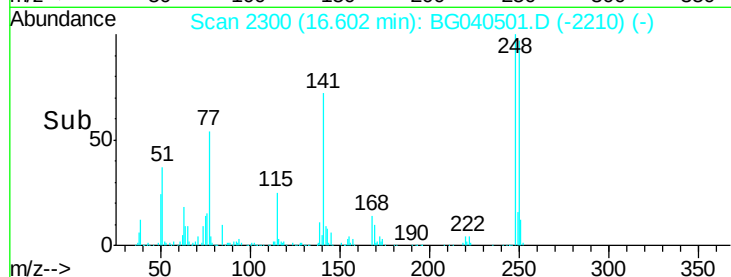
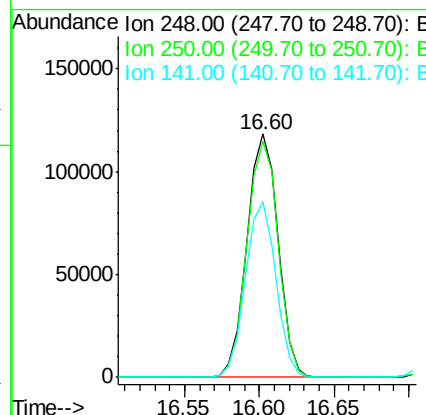
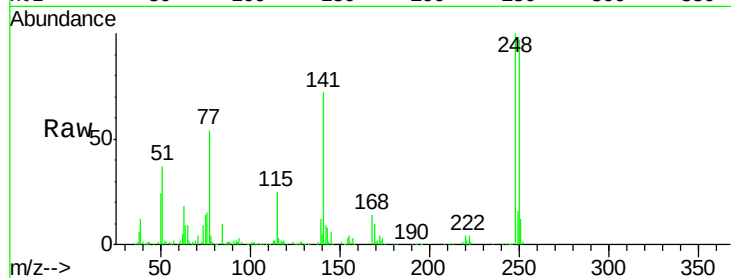
#67
 4-Bromophenyl-phenylether
 Concen: 39.166 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB118911BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.4	114.6
141	72.1	53.8	80.8

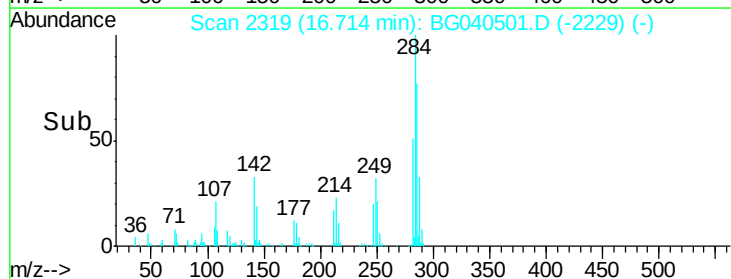
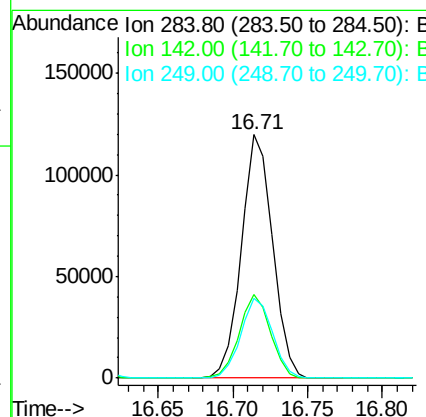
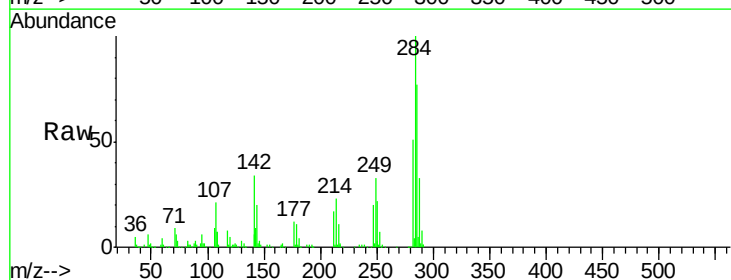
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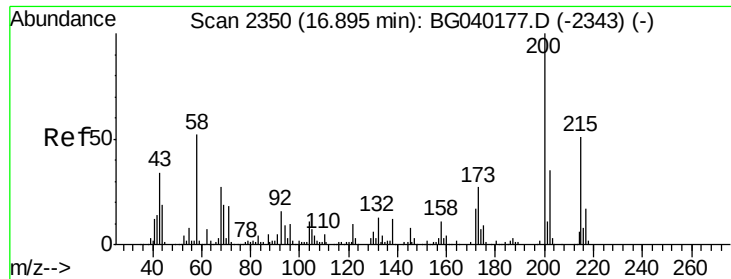
Sohil
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#68
 Hexachlorobenzene
 Concen: 39.613 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	25.3	37.9
249	32.9	28.2	42.2





#69

Atrazine

Concen: 41.204 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Instrument :

BNA_G

ClientSampleId :

PB118911BS

Tgt Ion:200 Resp: 173578

Ion Ratio Lower Upper

200 100

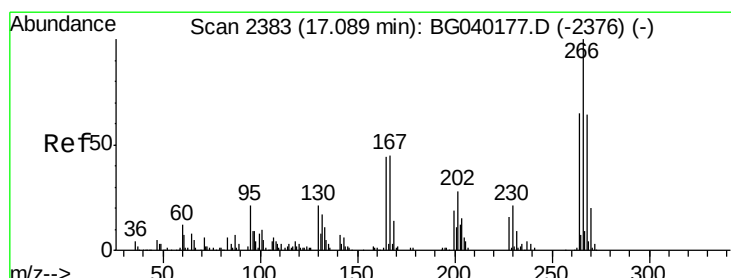
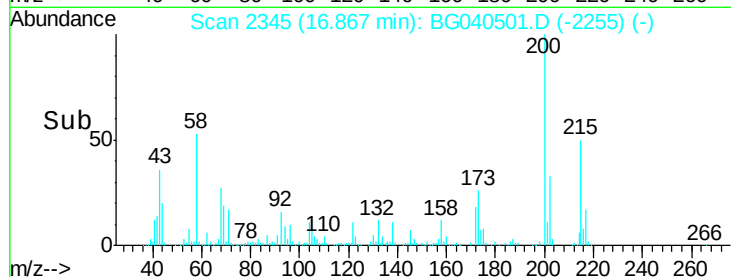
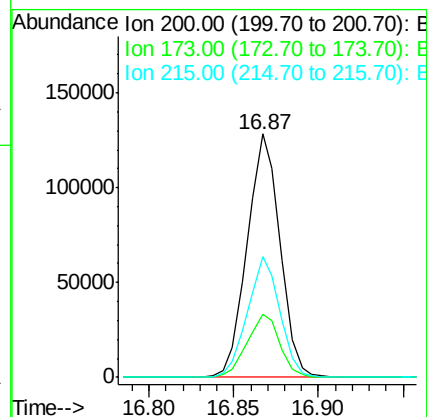
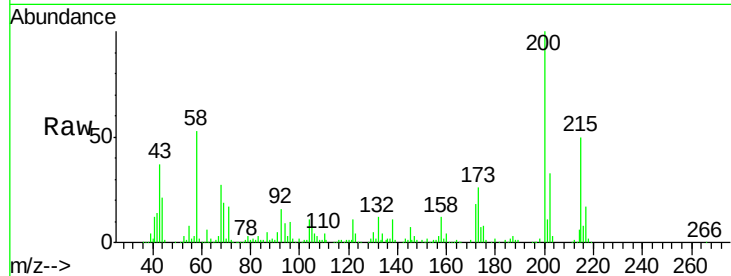
173 25.7 7.1 47.1

215 49.7 30.9 70.9

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#70

Pentachlorophenol

Concen: 69.204 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

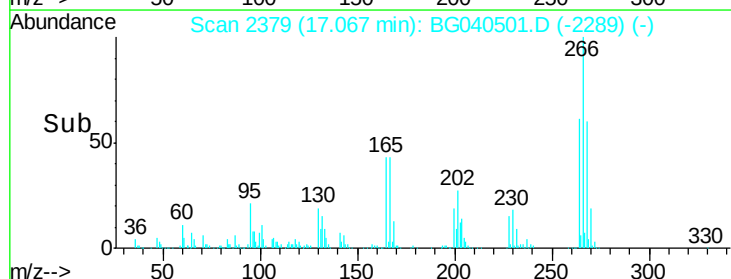
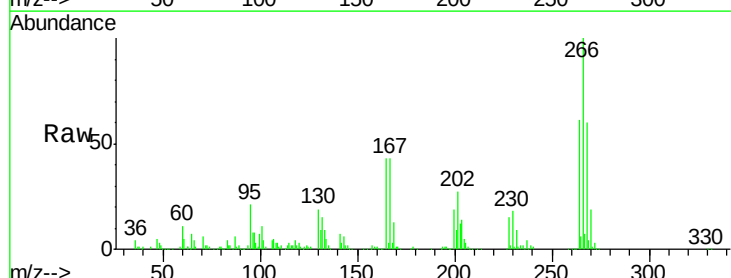
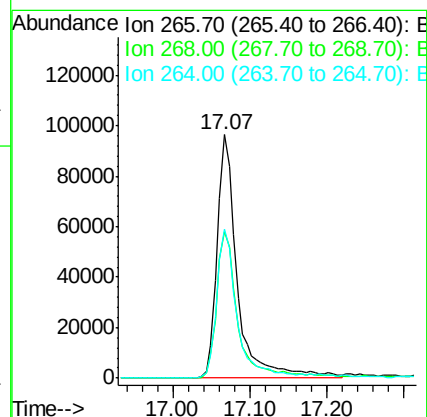
Tgt Ion:266 Resp: 175193

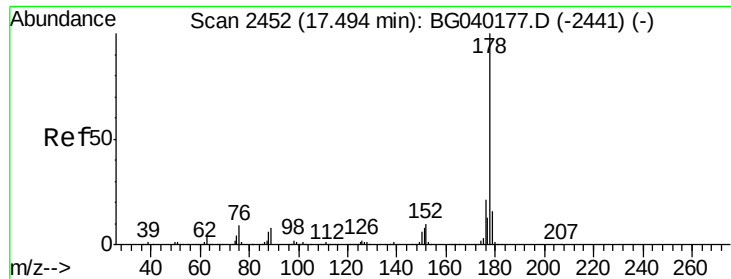
Ion Ratio Lower Upper

266 100

268 60.3 55.0 82.4

264 60.9 51.8 77.8





#71

Phenanthrene

Concen: 41.157 ng

RT: 17.47 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Instrument :

BNA_G

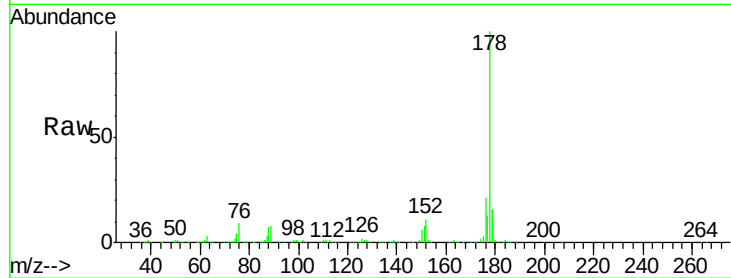
ClientSampleId :

PB118911BS

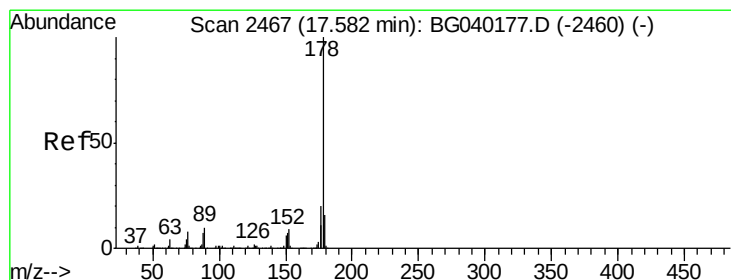
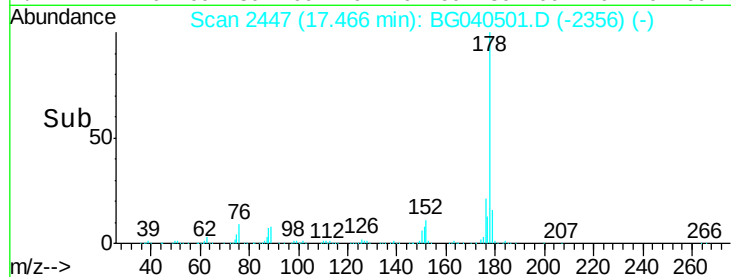
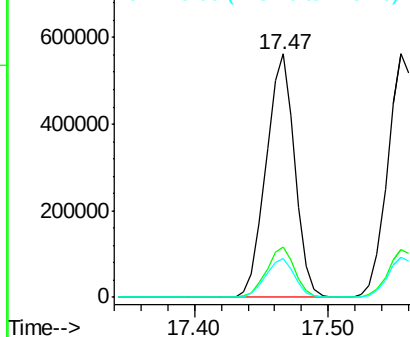
Tgt Ion:	178	Resp:	837174
Ion Ratio	Lower	Upper	
178	100		
176	20.5	16.7	25.1
179	15.8	12.8	19.2

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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



#72

Anthracene

Concen: 42.251 ng

RT: 17.55 min Scan# 2462

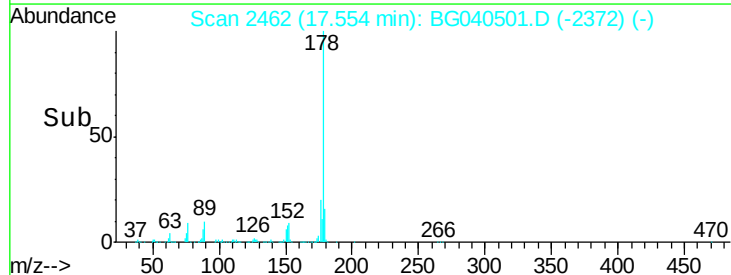
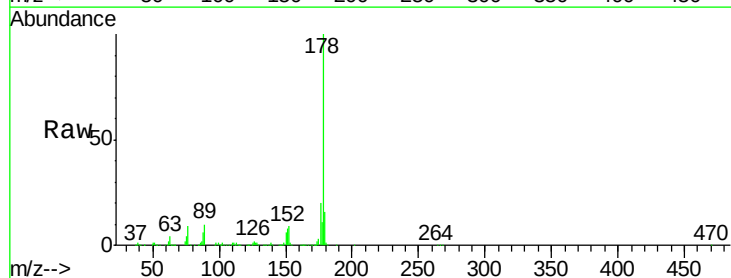
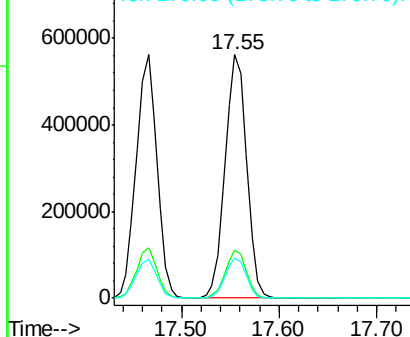
Delta R.T. -0.00 min

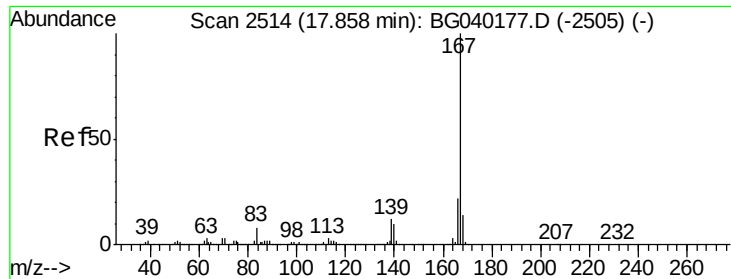
Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Tgt Ion:	178	Resp:	860214
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.9	23.9
179	16.2	12.9	19.3

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





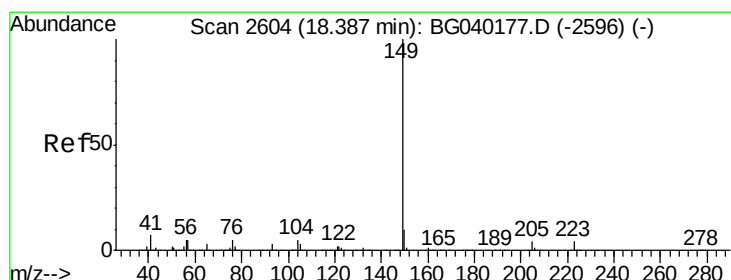
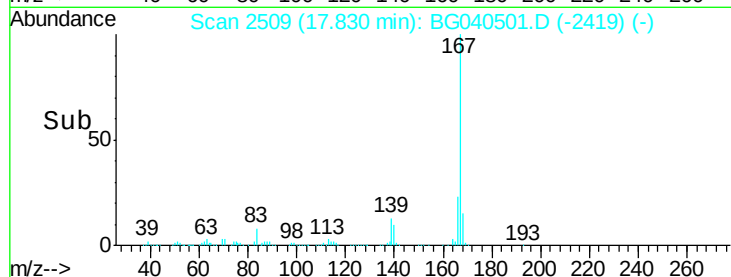
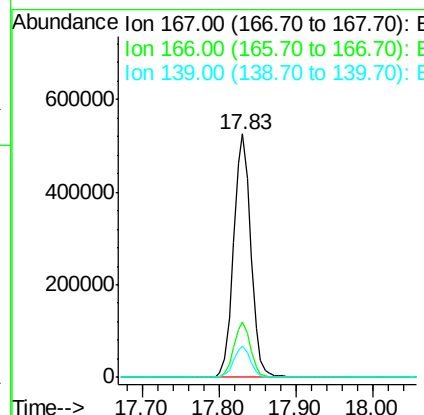
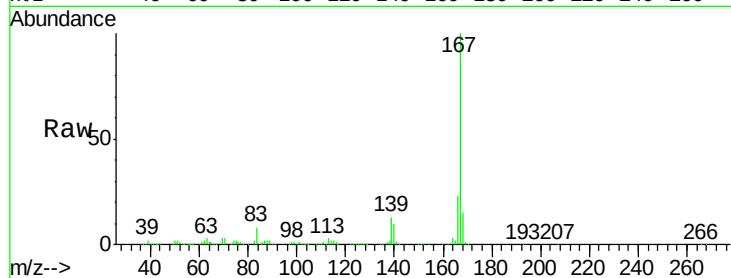
#73
 Carbazole
 Concen: 42.774 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB118911BS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	824184		
166	22.6	17.5	26.3	
139	12.9	10.0	15.0	

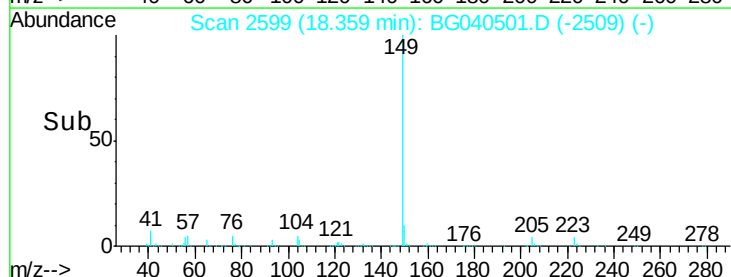
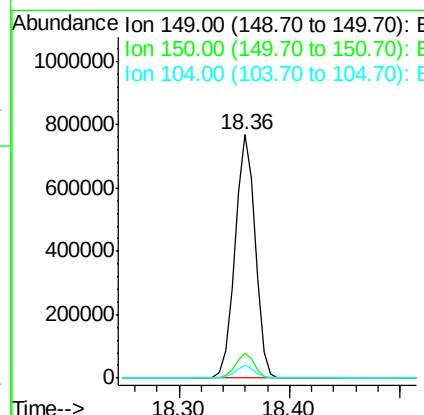
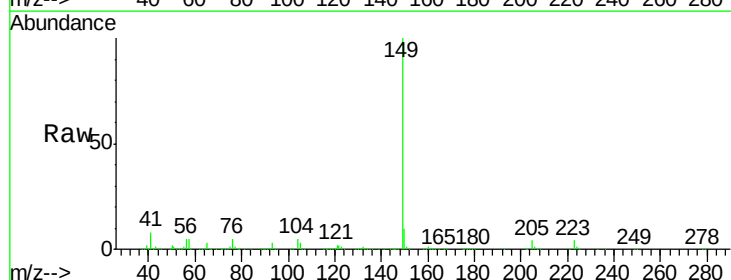
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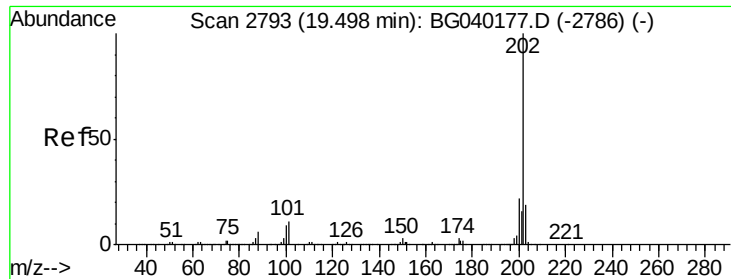
Sohil
 4/17/2019 3:33:34 PM



#74
 Di-n-butylphthalate
 Concen: 43.121 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.00 min
 Lab File: BG040501.D
 Acq: 16 Apr 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	984868		
150	10.0	7.9	11.9	
104	5.4	4.1	6.1	





#75

Fluoranthene

Concen: 43.992 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Instrument :

BNA_G

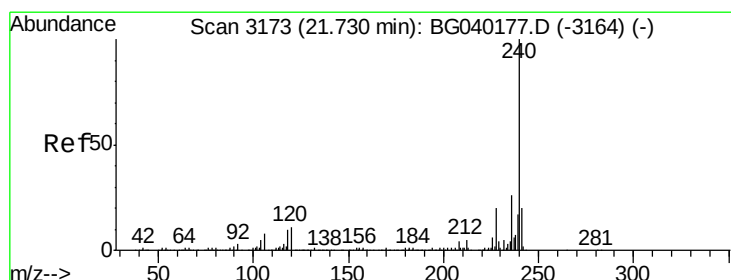
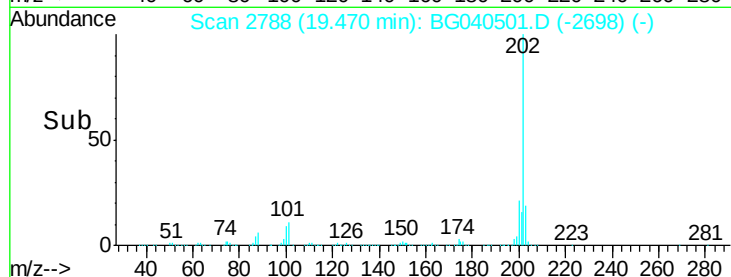
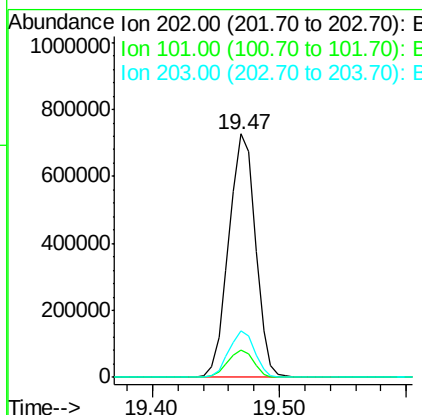
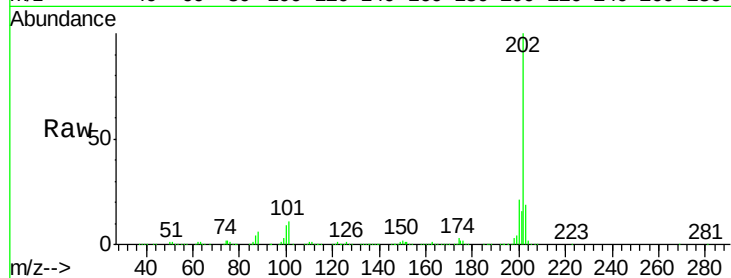
ClientSampleId :

PB118911BS

Tgt Ion:	202	Resp:	1059609
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.8
203	18.9	0.0	38.9

Manual Integrations
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4/17/2019 3:33:34 PM



#76

Chrysene-d12

Concen: 20.000 ng

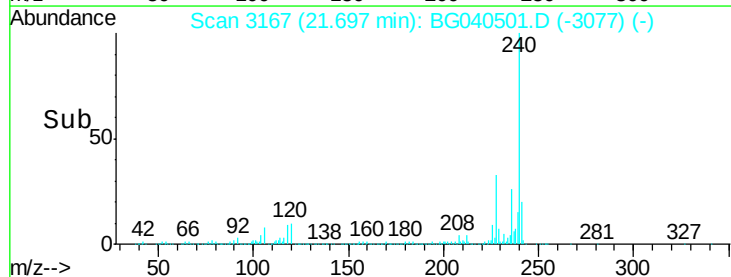
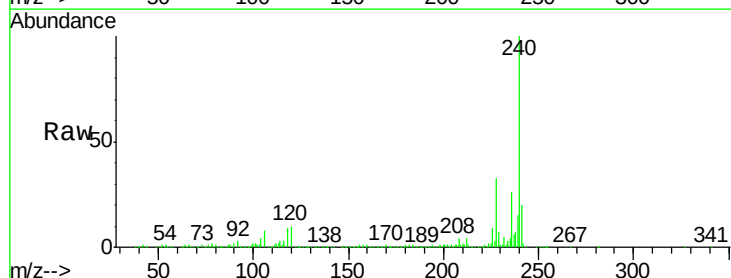
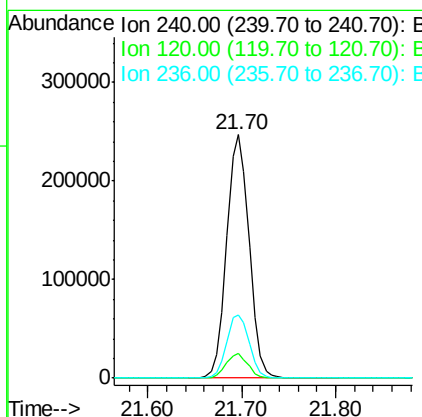
RT: 21.70 min Scan# 3167

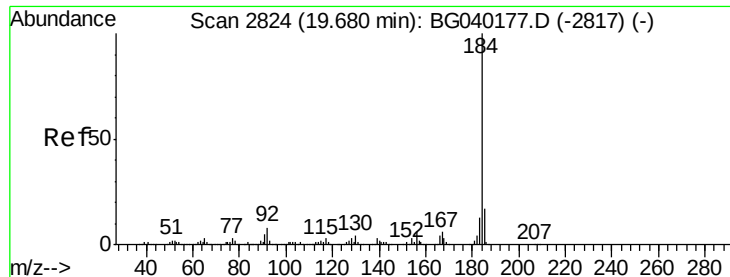
Delta R.T. -0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Tgt Ion:	240	Resp:	409344
Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.4	12.6
236	26.2	20.8	31.2





#77

Benzidine

Concen: 26.486 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Instrument :

BNA_G

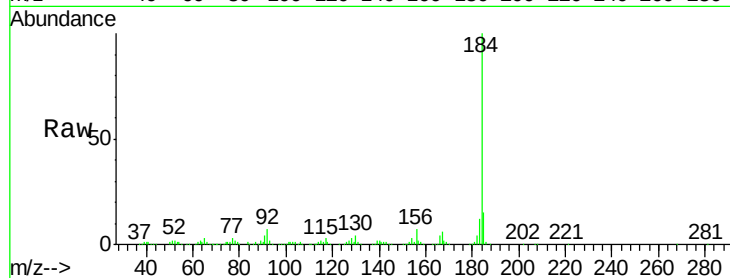
ClientSampleId :

PB118911BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	391507		
185	15.1	13.3	19.9	
183	12.1	10.3	15.5	

Manual Integrations
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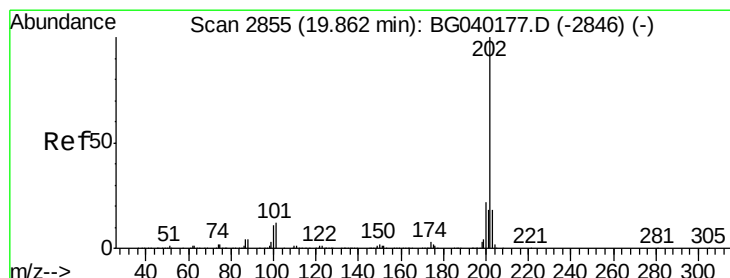
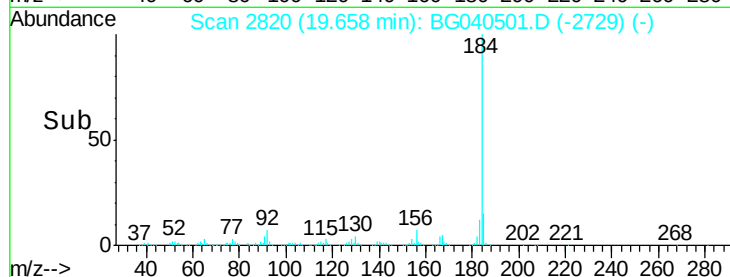
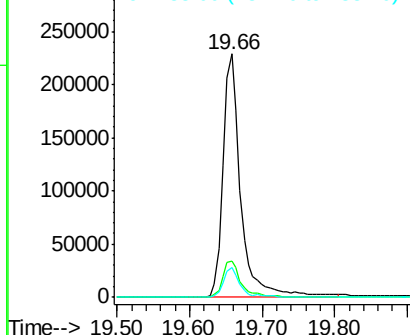


Abundance

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



#78

Pyrene

Concen: 38.881 ng

RT: 19.83 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

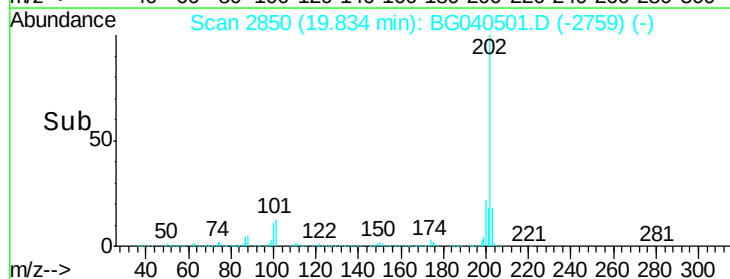
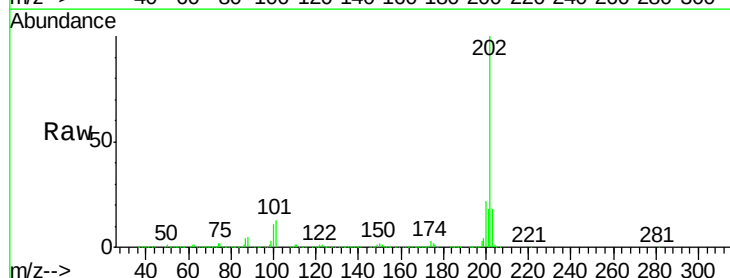
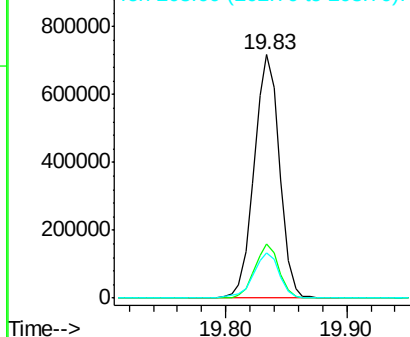
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1046650		
200	22.3	17.3	25.9	
203	18.5	14.6	22.0	

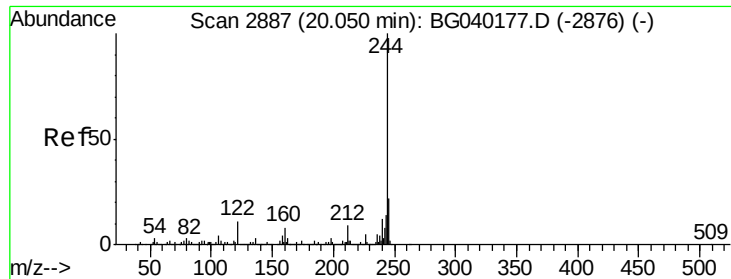
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.357 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Instrument :

BNA_G

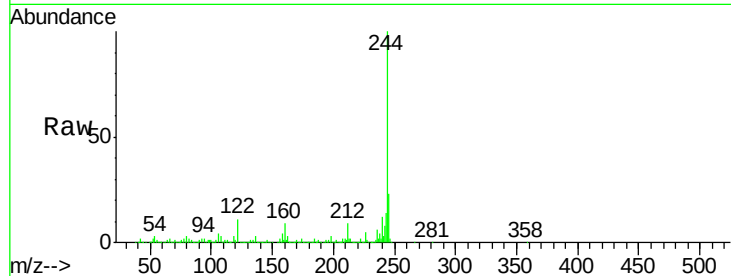
ClientSampled :

PB118911BS

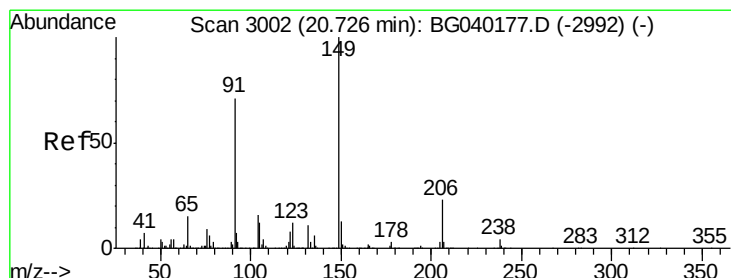
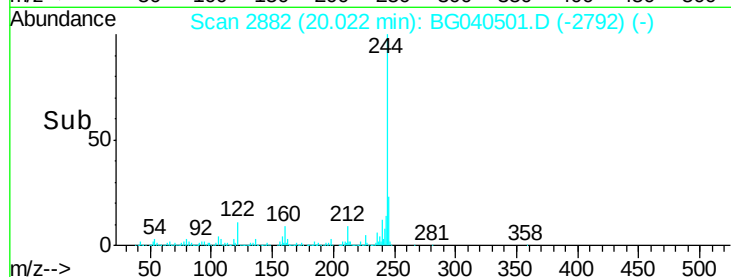
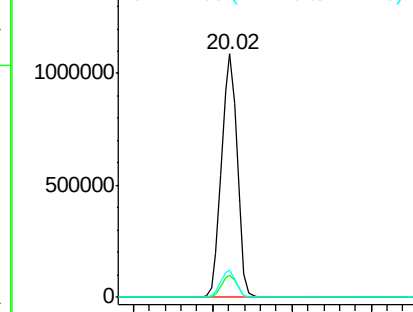
Tgt Ion:	244	Resp:	1498550
Ion Ratio	Lower	Upper	
244	100		
212	9.1	7.0	10.6
122	11.2	8.5	12.7

Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.173 ng

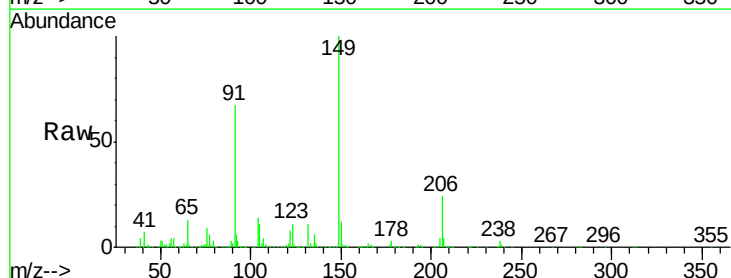
RT: 20.70 min Scan# 2998

Delta R.T. 0.00 min

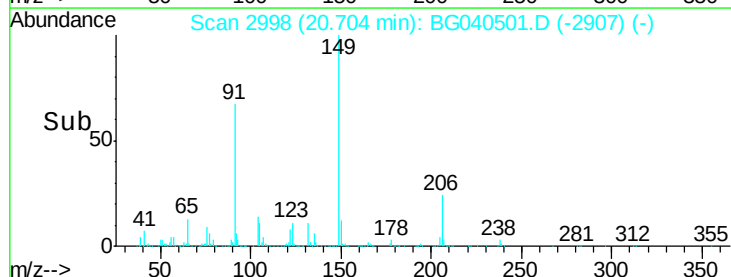
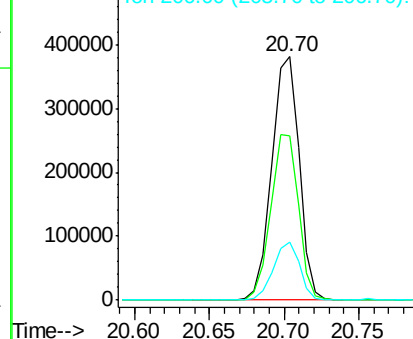
Lab File: BG040501.D

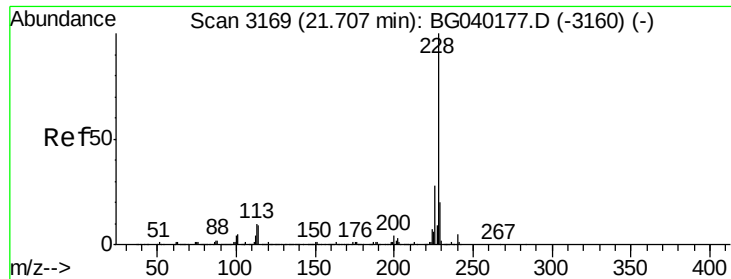
Acq: 16 Apr 2019 13:13

Tgt Ion:	149	Resp:	485793
Ion Ratio	Lower	Upper	
149	100		
91	67.3	57.0	85.4
206	23.9	18.2	27.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.616 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Instrument :

BNA_G

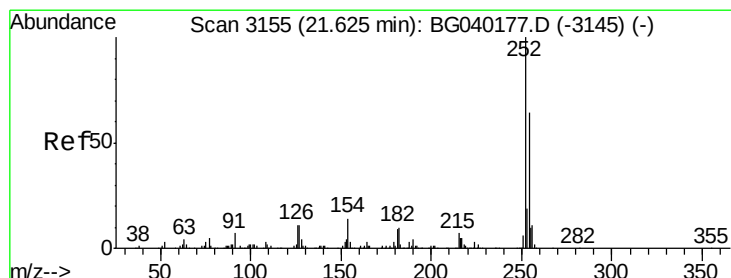
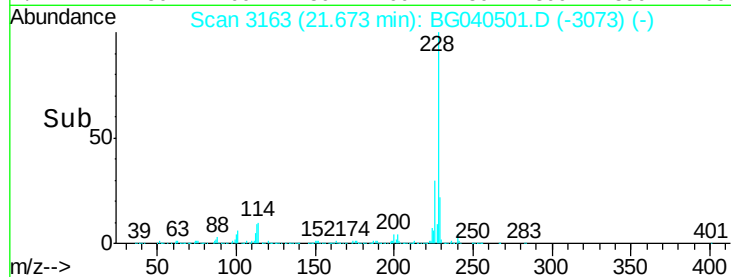
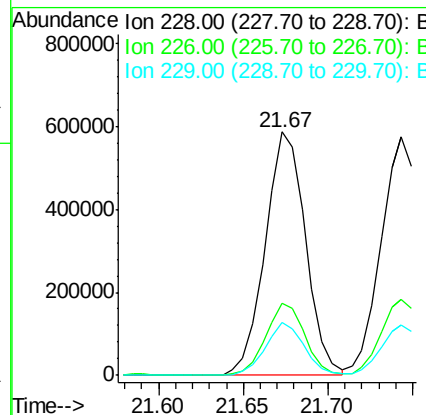
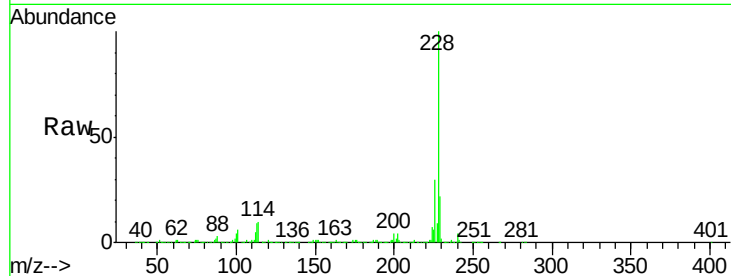
ClientSampleId :

PB118911BS

Tgt Ion:	228	Resp:	973643
Ion Ratio	Lower	Upper	
228	100		
226	29.7	22.6	34.0
229	21.9	16.1	24.1

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 30.548 ng

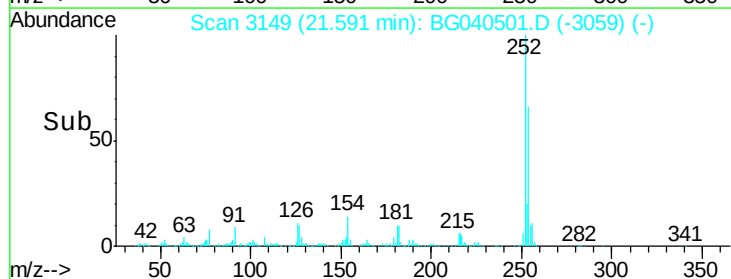
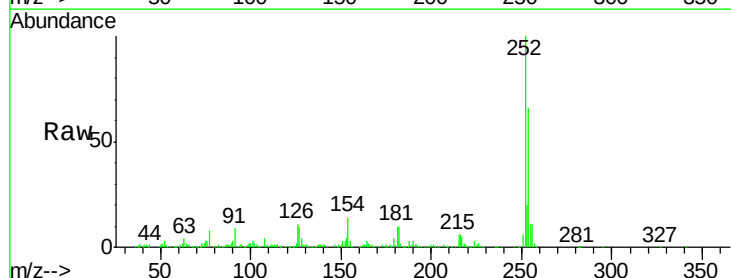
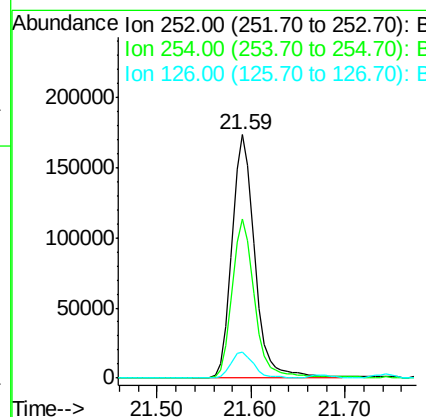
RT: 21.59 min Scan# 3149

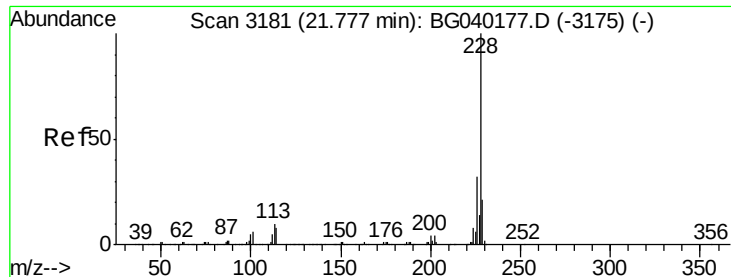
Delta R.T. -0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Tgt Ion:	252	Resp:	292991
Ion Ratio	Lower	Upper	
252	100		
254	65.5	51.4	77.2
126	10.7	8.5	12.7





#83

Chrysene

Concen: 39.732 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Instrument :

BNA_G

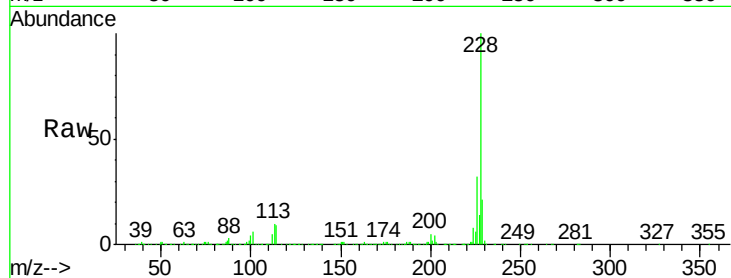
ClientSampleId :

PB118911BS

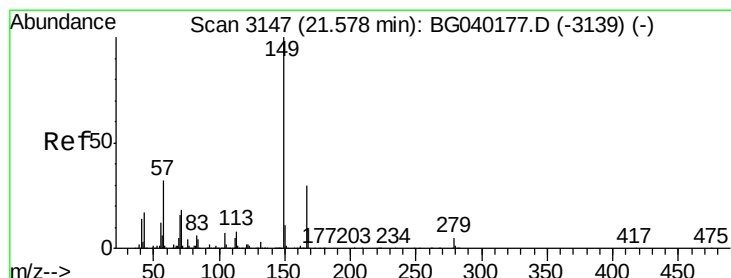
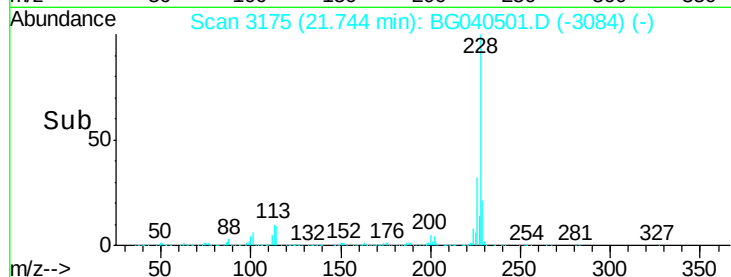
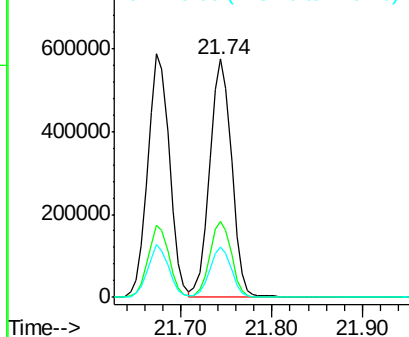
Tgt Ion:	228	Resp:	962771
Ion Ratio	Lower	Upper	
228	100		
226	31.9	25.4	38.0
229	20.9	17.0	25.4

Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.027 ng

RT: 21.54 min Scan# 3141

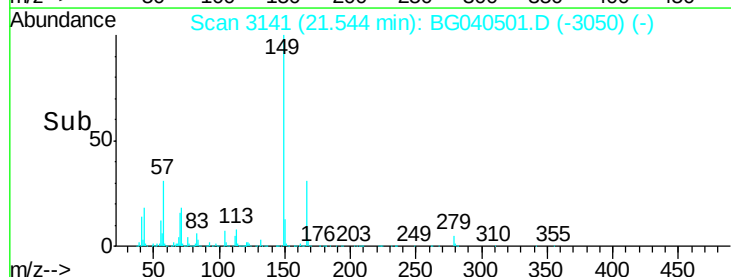
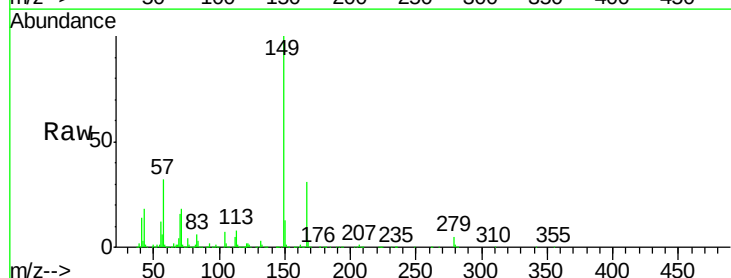
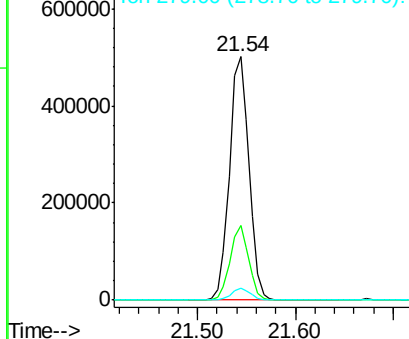
Delta R.T. 0.00 min

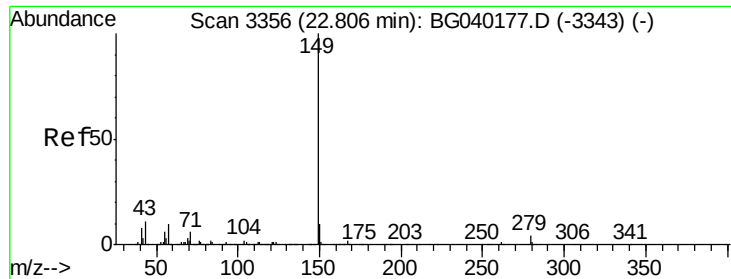
Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Tgt Ion:	149	Resp:	692023
Ion Ratio	Lower	Upper	
149	100		
167	30.8	24.1	36.1
279	4.9	4.1	6.1

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





#85

Di-n-octyl phthalate

Concen: 42.234 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Instrument :

BNA_G

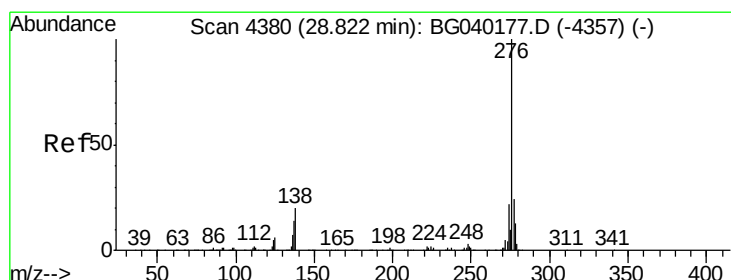
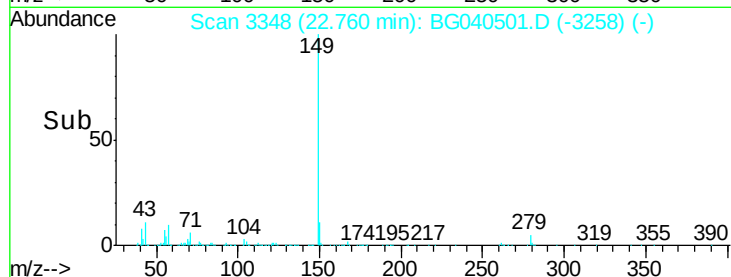
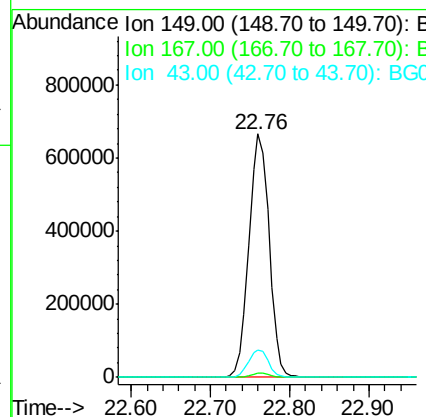
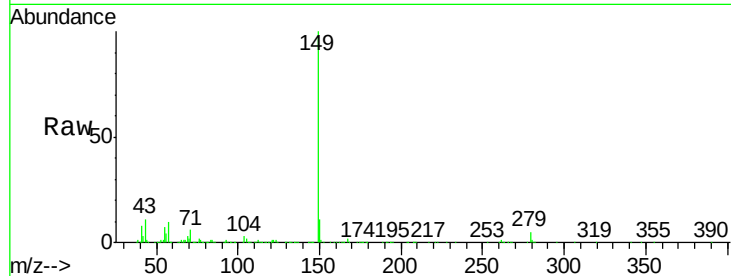
ClientSampleId :

PB118911BS

Tgt Ion:	149	Resp:	1184840
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	11.0	8.7	13.1

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 37.270 ng

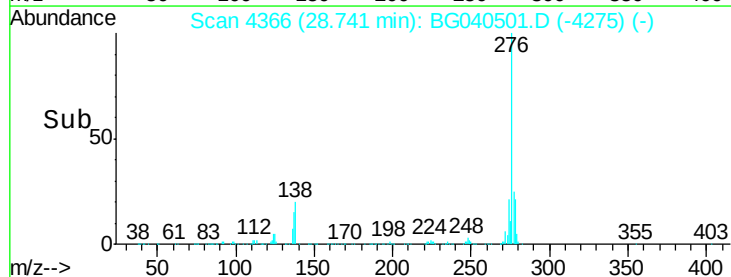
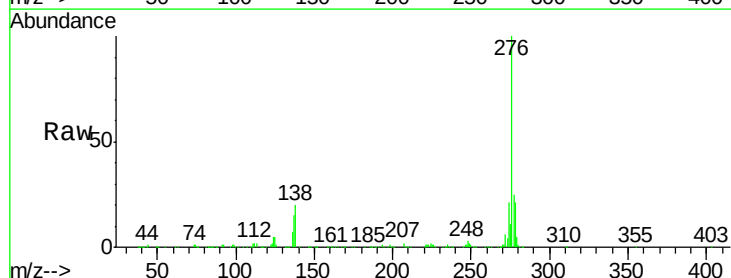
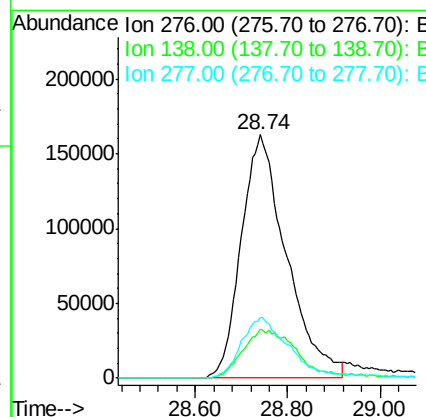
RT: 28.74 min Scan# 4366

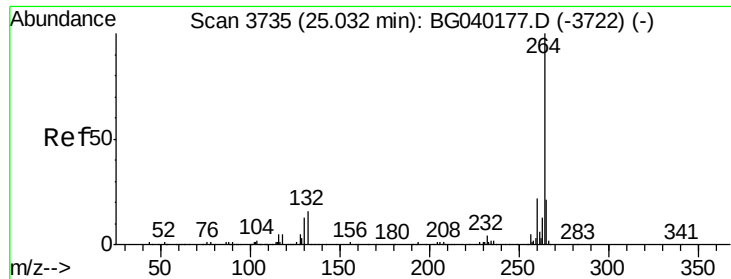
Delta R.T. 0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Tgt Ion:	276	Resp:	1104555
Ion Ratio	Lower	Upper	
276	100		
138	23.5	18.8	28.2
277	26.2	21.0	31.4





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Instrument :

BNA_G

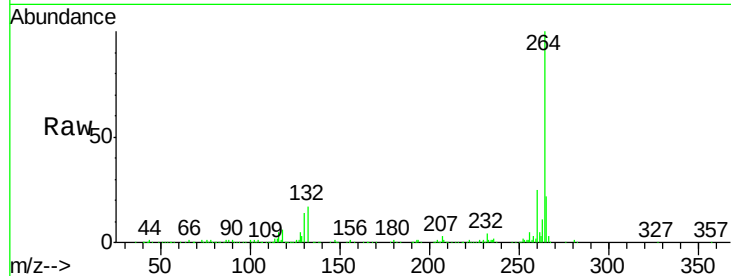
ClientSampleId :

PB118911BS

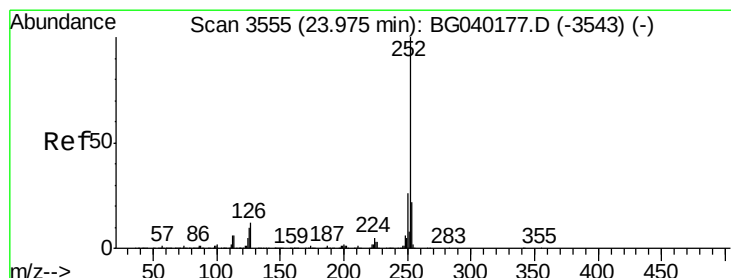
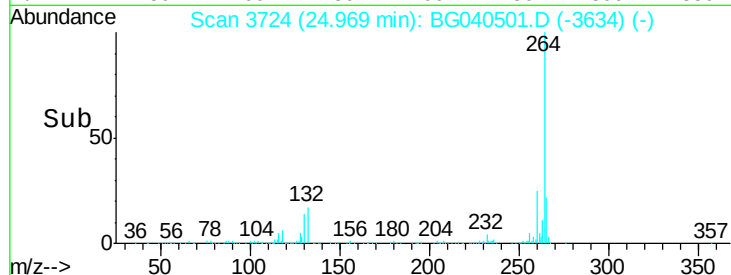
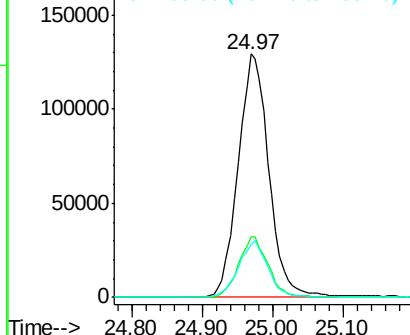
Tgt Ion:	264	Resp:	391757
Ion Ratio		Lower	Upper
264	100		
260	24.8	17.9	26.9
265	21.6	16.8	25.2

Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.563 ng

RT: 23.92 min Scan# 3546

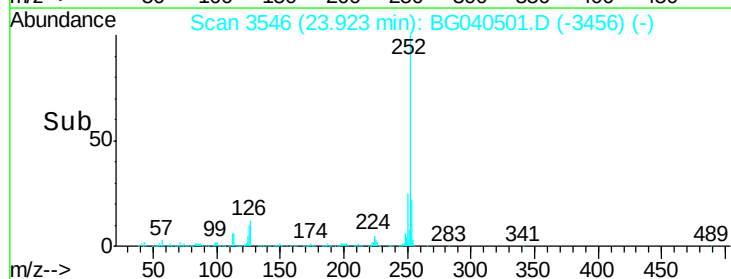
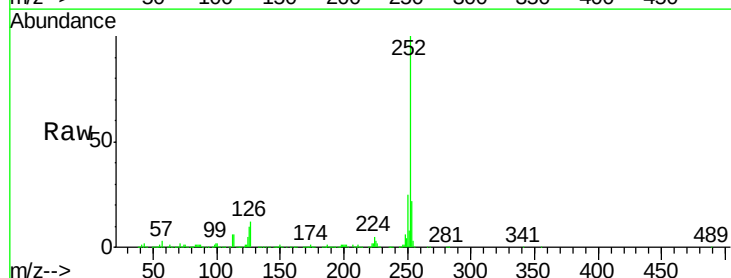
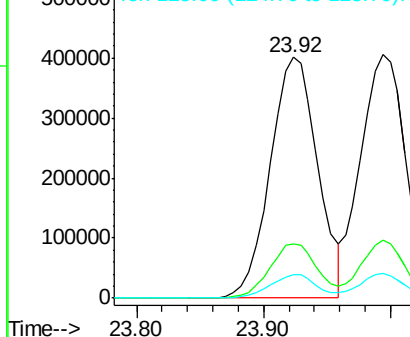
Delta R.T. -0.00 min

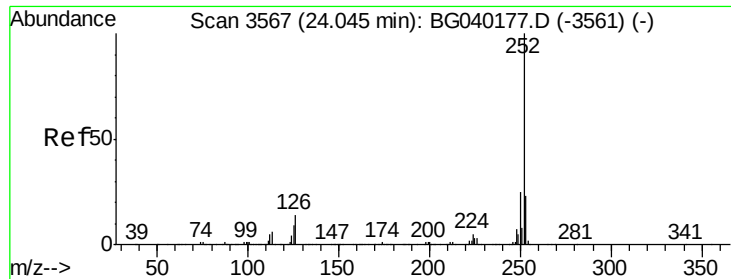
Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Tgt Ion:	252	Resp:	1044861
Ion Ratio		Lower	Upper
252	100		
253	22.4	17.6	26.4
125	9.8	8.2	12.4

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





#89

Benzo(k)fluoranthene

Concen: 46.083 ng

RT: 23.99 min Scan# 3558

Delta R.T. 0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Instrument :

BNA_G

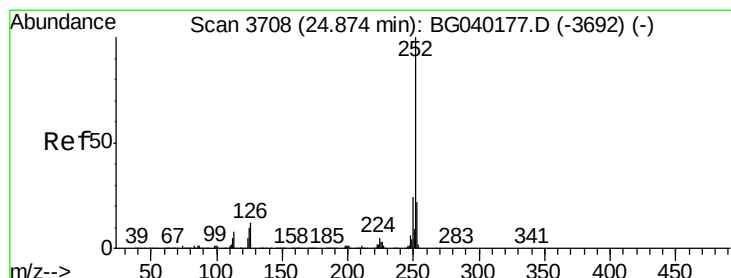
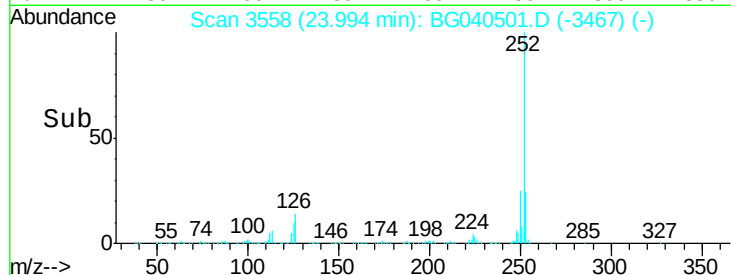
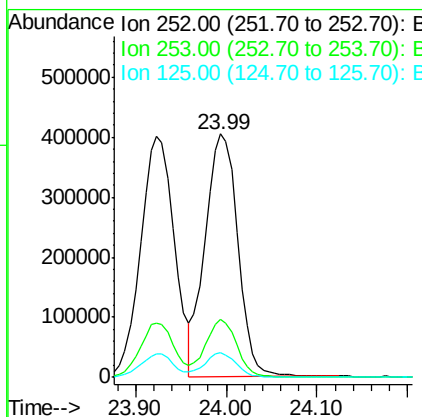
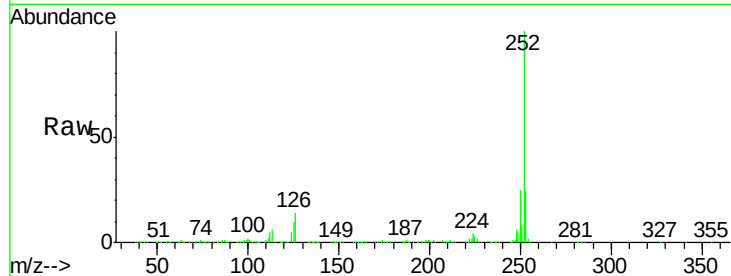
ClientSampled :

PB118911BS

Tgt Ion:	252	Resp:	1016434
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.6	28.0
125	10.1	7.3	10.9

Manual Integrations
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Sohil
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#90

Benzo(a)pyrene

Concen: 45.648 ng

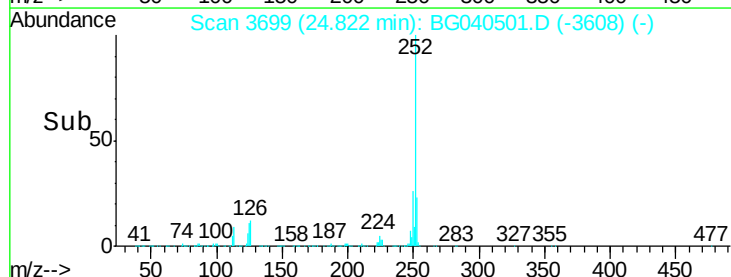
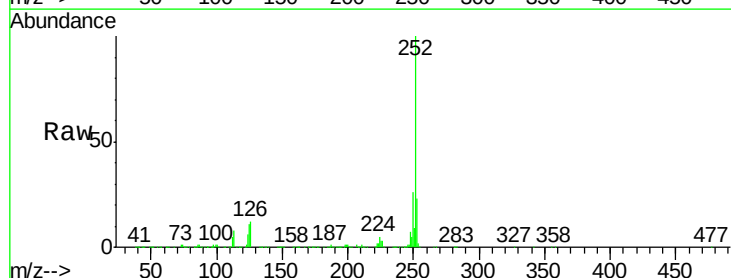
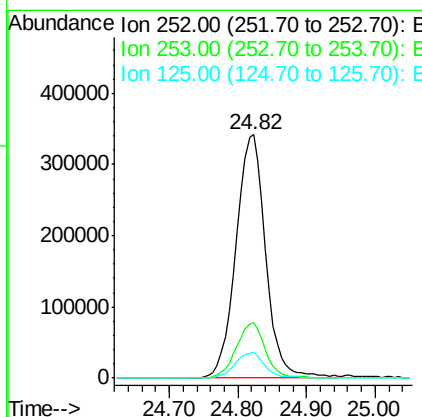
RT: 24.82 min Scan# 3699

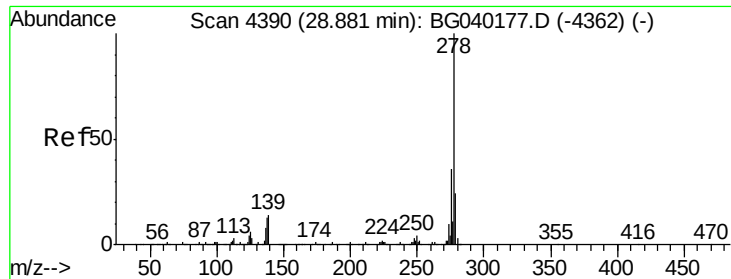
Delta R.T. 0.00 min

Lab File: BG040501.D

Acq: 16 Apr 2019 13:13

Tgt Ion:	252	Resp:	1027264
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.8	26.8
125	10.5	8.3	12.5





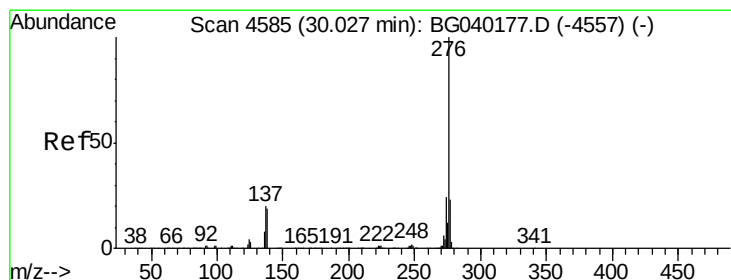
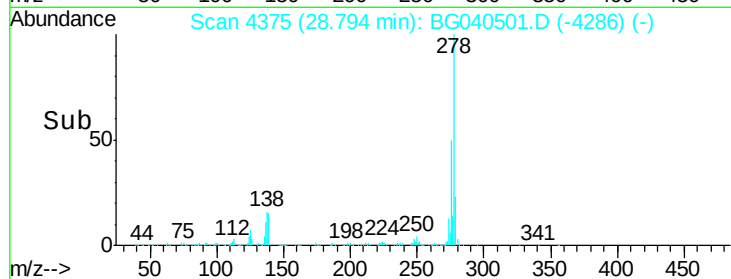
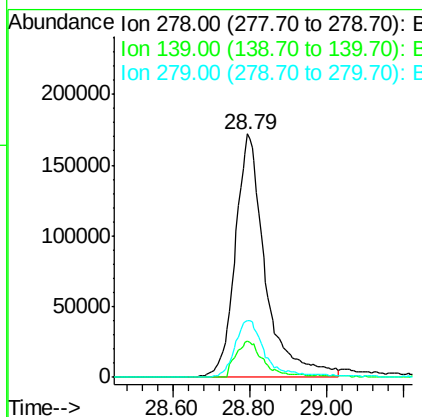
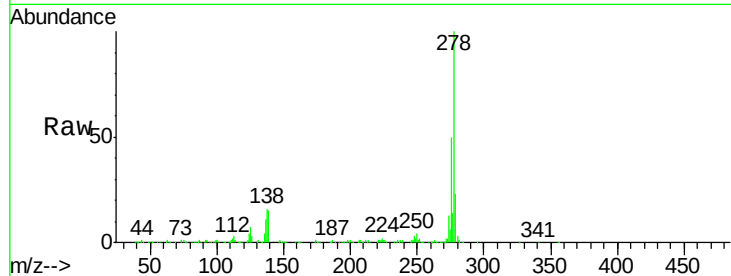
#91
Dibenzo(a,h)anthracene
Concen: 44.728 ng
RT: 28.79 min Scan# 4375
Delta R.T. -0.01 min
Lab File: BG040501.D
Acq: 16 Apr 2019 13:13

Instrument :
BNA_G
ClientSampleId :
PB118911BS

Tgt Ion:	278	Resp:	934844
Ion Ratio	Lower	Upper	
278	100		
139	14.9	11.2	16.8
279	23.1	18.9	28.3

Manual Integrations
APPROVED

Sohil
4/17/2019 3:33:34 PM



#92
Benzo(g,h,i)perylene
Concen: 43.654 ng
RT: 29.92 min Scan# 4566
Delta R.T. 0.01 min
Lab File: BG040501.D
Acq: 16 Apr 2019 13:13

Tgt Ion:	276	Resp:	937689
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.6	28.0
138	19.3	15.2	22.8

