

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072219\
 Data File : BG041750.D
 Acq On : 22 Jul 2019 15:22
 Operator : HP/JU
 Sample : K3916-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GIS-BUILDING-2MSD

Manual Integrations
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mohammad
 7/23/2019 4:24:05 PM

Quant Time: Jul 23 06:34:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	86444	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	348762	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	246953	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	527045	20.00	ng	0.00
76) Chrysene-d12	21.65	240	559093	20.00	ng	-0.01
87) Perylene-d12	24.84	264	666021	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	688078	130.12	ng	0.00
7) Phenol-d6	7.20	99	939371	132.07	ng	0.00
23) Nitrobenzene-d5	9.20	82	573103	99.93	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	456620	164.07	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1438613	90.21	ng	-0.01
79) Terphenyl-d14	20.01	244	2121380	88.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	73671	29.334	ng	98
3) Pyridine	3.88	79	188777	28.159	ng	97
4) n-Nitrosodimethylamine	3.80	42	103512	33.435	ng	97
6) Aniline	7.36	93	232050	24.275	ng	99
8) 2-Chlorophenol	7.61	128	247536	41.350	ng	98
9) Benzaldehyde	7.17	77	117474	24.183	ng	95
10) Phenol	7.23	94	304214	40.597	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	222586	36.779	ng	100
12) 1,3-Dichlorobenzene	7.94	146	279523	39.132	ng	98
13) 1,4-Dichlorobenzene	8.08	146	284818	39.816	ng	98
14) 1,2-Dichlorobenzene	8.40	146	266499	39.514	ng	95
15) Benzyl Alcohol	8.28	79	216961	38.316	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.57	45	416723	33.230	ng	99
17) 2-Methylphenol	8.48	107	214507	41.393	ng	98
18) Hexachloroethane	9.14	117	98918	37.754	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	191820	36.899	ng	95
20) 3+4-Methylphenols	8.81	107	298001	41.963	ng	99
22) Acetophenone	8.86	105	363503	42.794	ng	# 95
24) Nitrobenzene	9.24	77	269797	43.127	ng	100
25) Isophorone	9.77	82	516039	41.094	ng	98
26) 2-Nitrophenol	9.96	139	139359	48.504	ng	95
27) 2,4-Dimethylphenol	10.01	122	243617	49.032	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	318264	41.121	ng	100
29) 2,4-Dichlorophenol	10.49	162	278697	49.198	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	304776	45.821	ng	97
31) Naphthalene	10.91	128	763178	44.448	ng	97
32) Benzoic acid	10.09	122	41082	15.539	ng	95
33) 4-Chloroaniline	11.00	127	217453	27.456	ng	97
34) Hexachlorobutadiene	11.19	225	197211	46.131	ng	100
35) Caprolactam	11.76	113	99941m	47.998	ng	
36) 4-Chloro-3-methylphenol	12.12	107	280891	47.332	ng	98
37) 2-Methylnaphthalene	12.50	142	602606	45.937	ng	99
38) 1-Methylnaphthalene	12.72	142	569987	45.576	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	383722	45.362	ng	99

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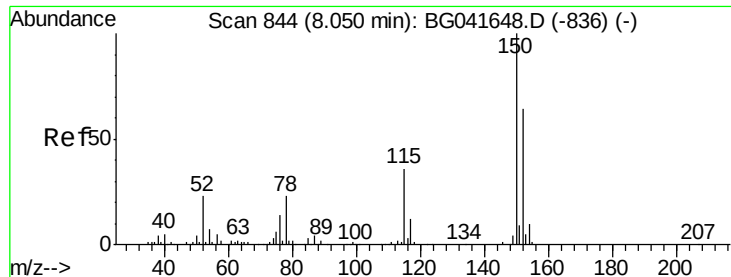
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	478552	100.009	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	255004	46.395	ng	99
44) 2,4,5-Trichlorophenol	13.17	196	273371	47.206	ng	96
46) 1,1'-Biphenyl	13.50	154	772771	41.768	ng	98
47) 2-Chloronaphthalene	13.54	162	633369	41.076	ng	99
48) 2-Nitroaniline	13.73	65	186478	41.537	ng	96
49) Acenaphthylene	14.39	152	1002583	41.651	ng	97
50) Dimethylphthalate	14.12	163	901631	46.487	ng	98
51) 2,6-Dinitrotoluene	14.22	165	191702	46.598	ng	93
52) Acenaphthene	14.73	154	650560	42.887	ng	99
53) 3-Nitroaniline	14.55	138	149740	33.343	ng	93
54) 2,4-Dinitrophenol	14.75	184	127973	63.332	ng	91
55) Dibenzofuran	15.06	168	980538	43.076	ng	97
56) 4-Nitrophenol	14.86	139	340857	93.746	ng	97
57) 2,4-Dinitrotoluene	15.01	165	264360	48.612	ng	96
58) Fluorene	15.71	166	786103	42.442	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	273270	51.115	ng	93
60) Diethylphthalate	15.48	149	800523	40.970	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	456563	43.608	ng	99
62) 4-Nitroaniline	15.72	138	198002	41.571	ng	96
63) Azobenzene	15.99	77	669713	37.912	ng	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	141575	55.392	ng	95
66) n-Nitrosodiphenylamine	15.91	169	734726	47.471	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	307427	49.022	ng	98
68) Hexachlorobenzene	16.72	284	308883	48.913	ng	97
69) Atrazine	16.86	200	301127	53.613	ng	97
70) Pentachlorophenol	17.05	266	423392	107.228	ng	98
71) Phenanthrene	17.44	178	1256232	47.330	ng	99
72) Anthracene	17.54	178	1291974	48.833	ng	97
73) Carbazole	17.80	167	1141204	46.509	ng	98
74) Di-n-butylphthalate	18.36	149	1252428	41.850	ng	99
75) Fluoranthene	19.45	202	1494975	45.870	ng	95
77) Benzidine	19.62	184	813780	41.789	ng	98
78) Pyrene	19.81	202	1536475	40.633	ng	95
80) Butylbenzylphthalate	20.69	149	617447	39.295	ng	94
81) Benzo(a)anthracene	21.63	228	1574228	43.579	ng	97
82) 3,3'-Dichlorobenzidine	21.54	252	206377	14.518	ng	98
83) Chrysene	21.70	228	1525893	44.207	ng	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	906637	40.866	ng	98
85) Di-n-octyl phthalate	22.76	149	1560494	41.303	ng	95
86) Indeno(1,2,3-cd)pyrene	28.48	276	2050475	45.021	ng	# 91
88) Benzo(b)fluoranthene	23.84	252	1775899	43.959	ng	96
89) Benzo(k)fluoranthene	23.90	252	1681029	44.906	ng	# 97
90) Benzo(a)pyrene	24.69	252	1745531	45.667	ng	# 97
91) Dibenzo(a,h)anthracene	28.55	278	1686957	45.519	ng	96
92) Benzo(g,h,i)perylene	29.62	276	1691918	45.556	ng	96

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



#1

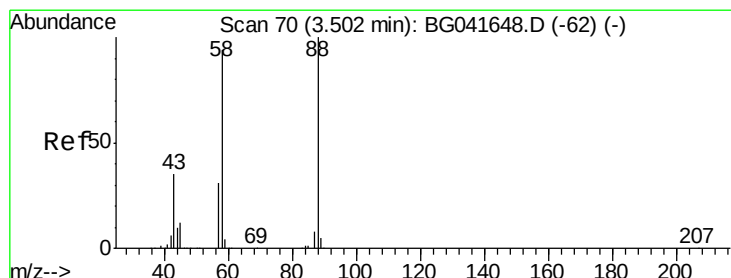
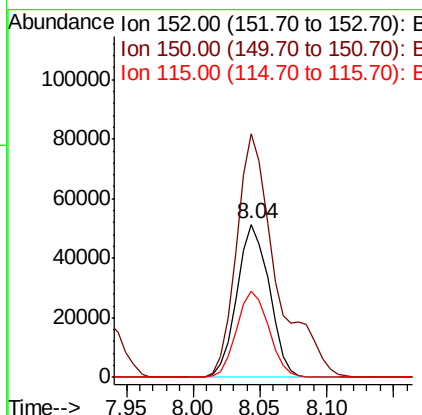
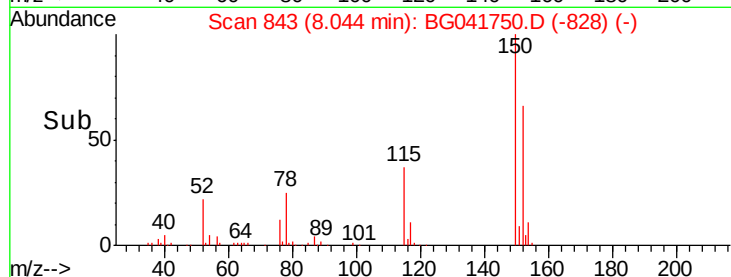
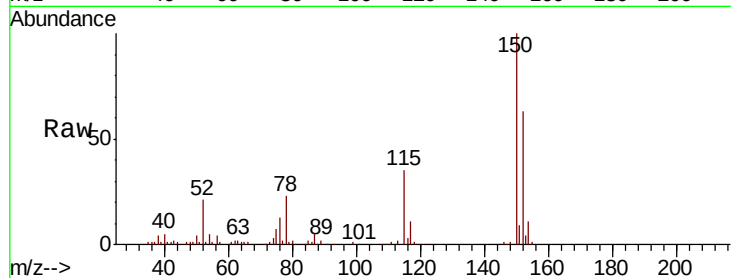
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.9	190.3
115	55.9	45.0	67.6

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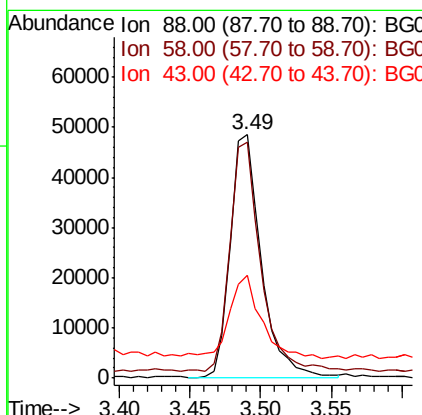
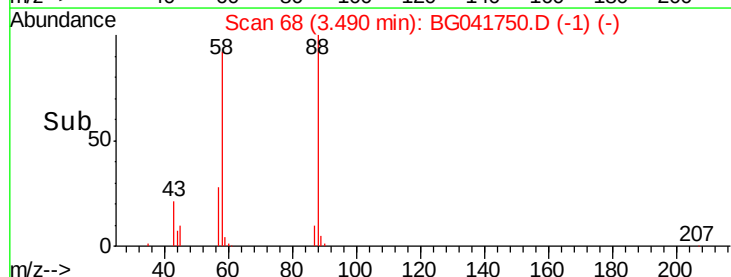
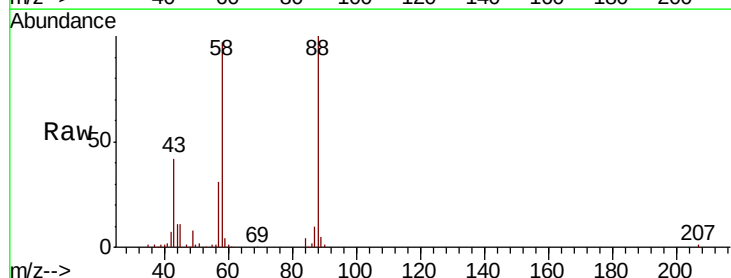
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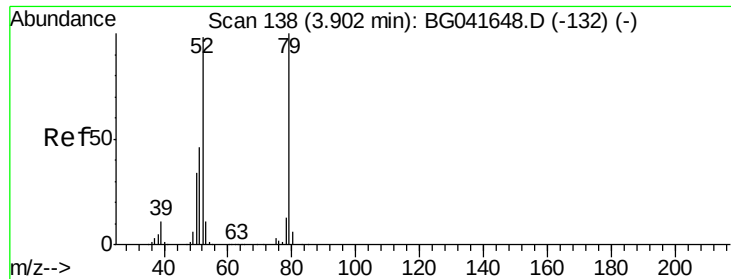


#2

1,4-Dioxane
Concen: 29.334 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.0	76.2	114.2
43	35.4	27.2	40.8





#3

Pvridine

Concen: 28.159 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Instrument :

BNA_G

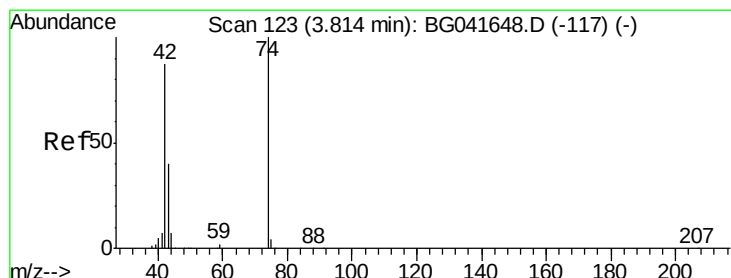
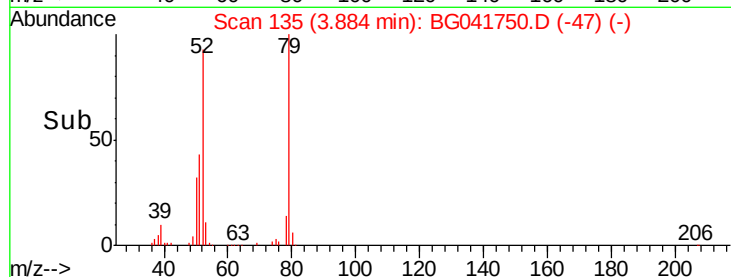
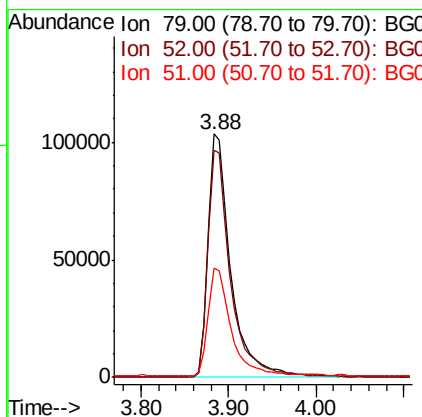
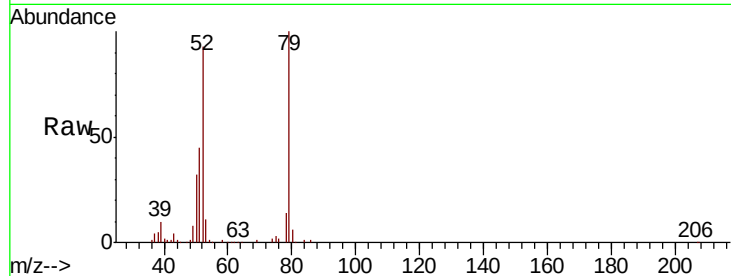
ClientSampleId :

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Tot Ion:	79	Resp:	188777
Ion	Ratio	Lower	Upper
79	100		
52	93.2	77.1	115.7
51	44.7	37.8	56.8

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#4

n-Nitrosodimethylamine

Concen: 33.435 ng

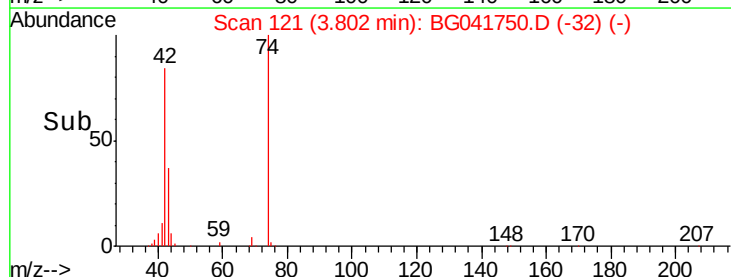
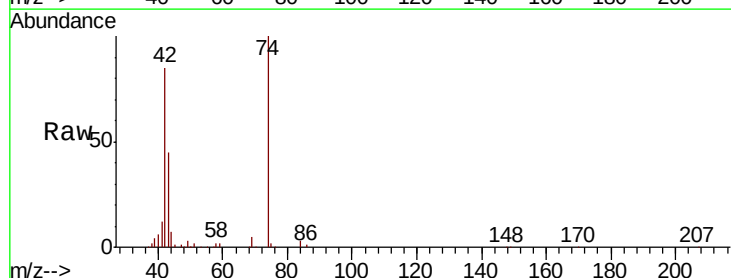
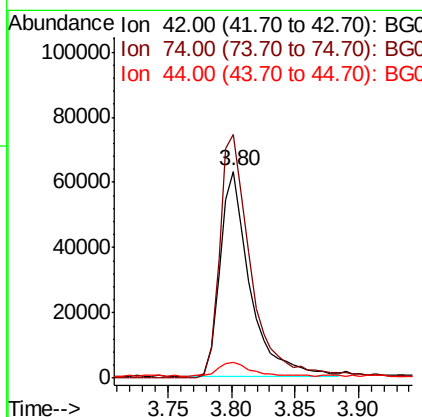
RT: 3.80 min Scan# 121

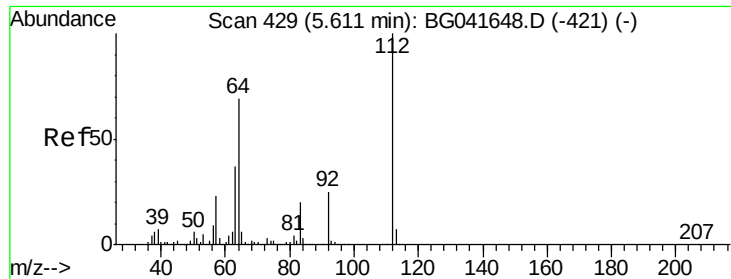
Delta R.T. -0.00 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Tgt Ion:	42	Resp:	103512
Ion	Ratio	Lower	Upper
42	100		
74	117.7	97.4	146.2
44	7.9	6.6	9.8





#5

2-Fluorophenol

Concen: 130.123 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Instrument :

BNA_G

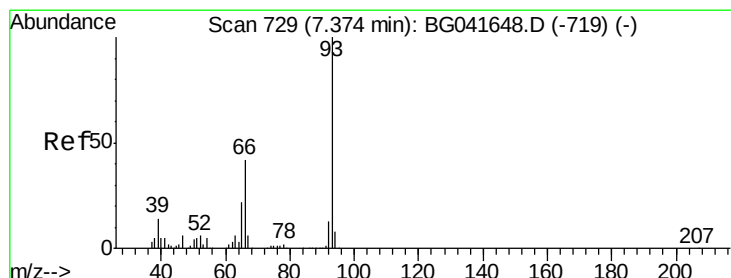
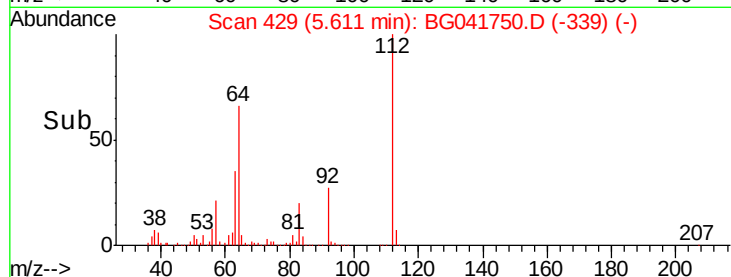
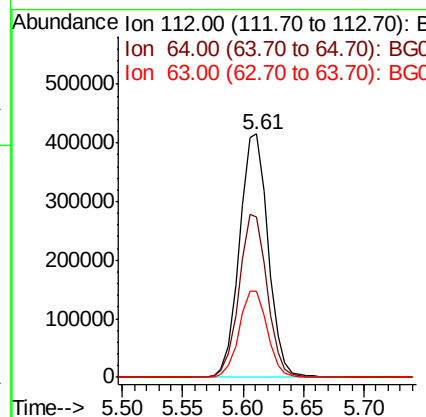
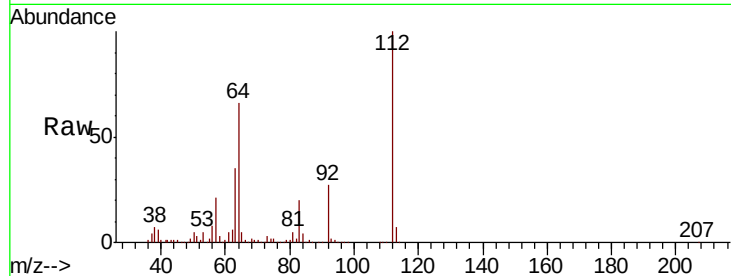
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
112	100	688078		
64	65.8		55.4	83.2
63	35.2		29.1	43.7

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#6

Aniline

Concen: 24.275 ng

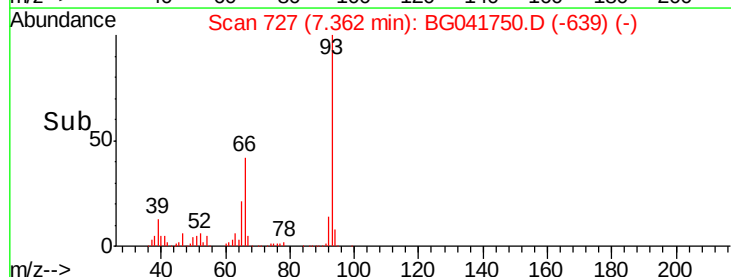
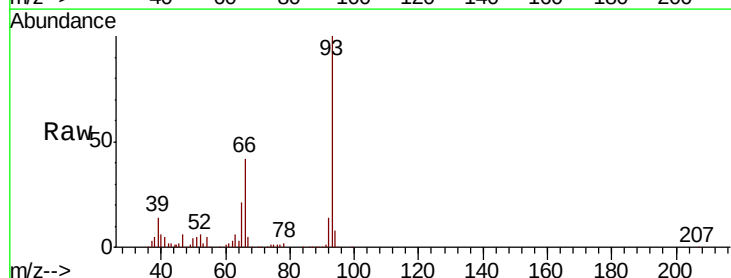
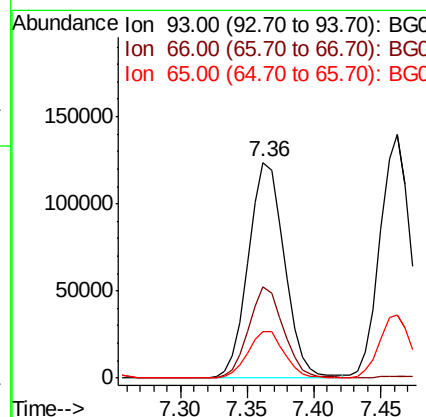
RT: 7.36 min Scan# 727

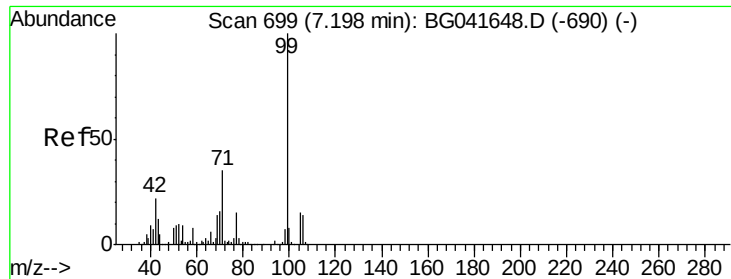
Delta R.T. -0.01 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	232050		
66	42.2		34.2	51.2
65	21.4		18.2	27.2





#7

Phenol-d6

Concen: 132.074 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Instrument :

BNA_G

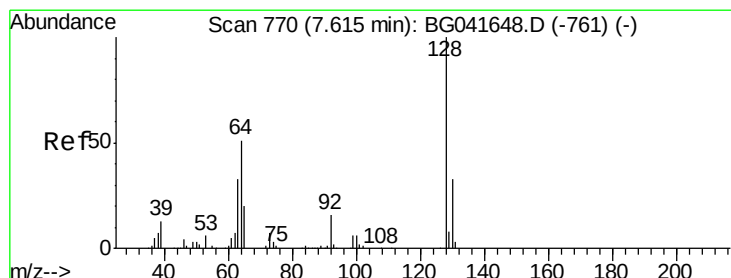
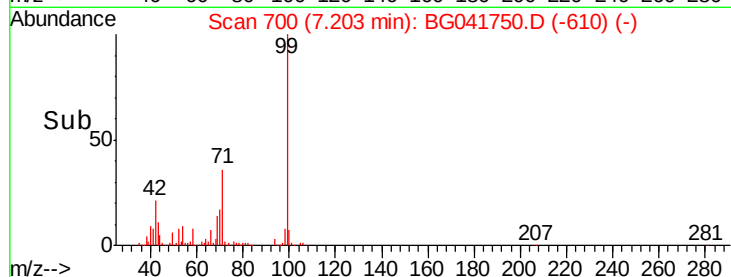
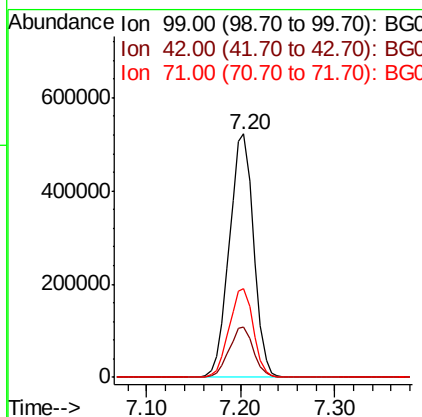
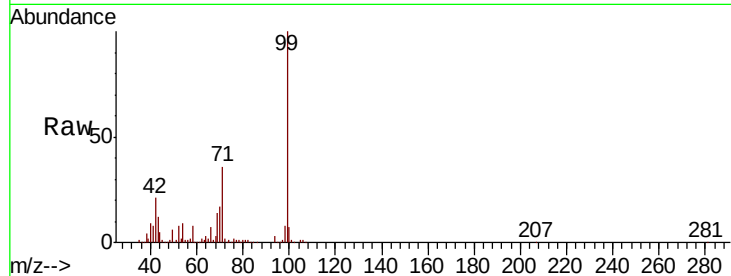
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		939371		
42	20.8	17.6	26.4		
71	36.4	27.8	41.6		

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#8

2-Chlorophenol

Concen: 41.350 ng

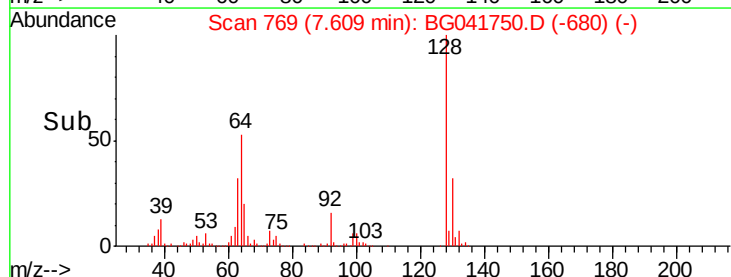
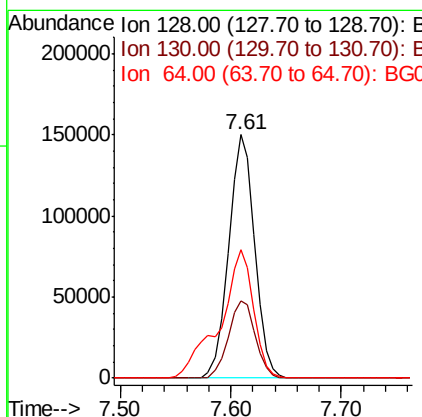
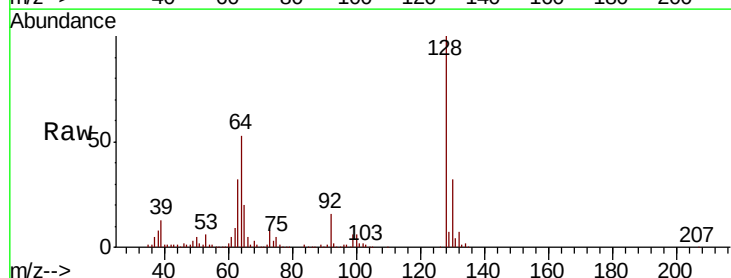
RT: 7.61 min Scan# 769

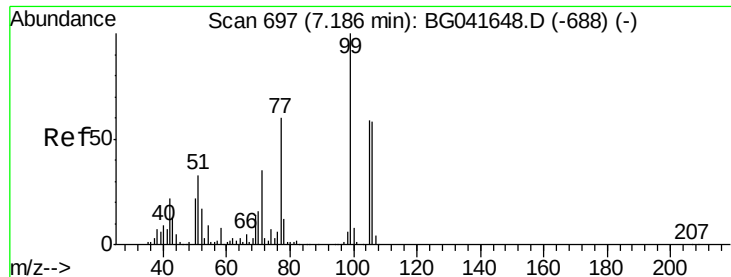
Delta R.T. -0.00 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		247536		
130	31.9	12.4	52.4		
64	52.5	34.9	74.9		





#9

Benzaldehyde

Concen: 24.183 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Instrument :

BNA_G

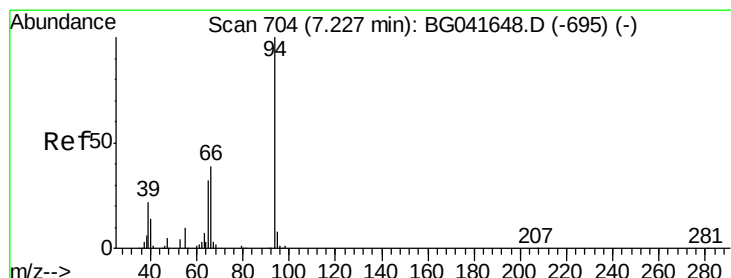
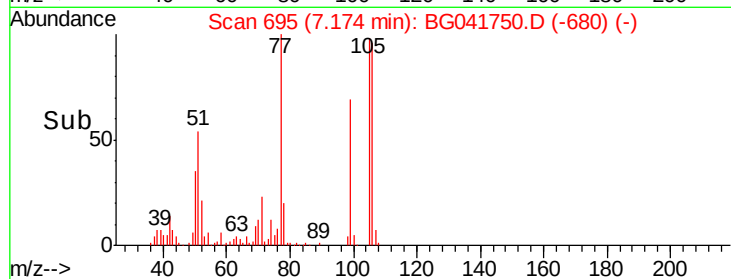
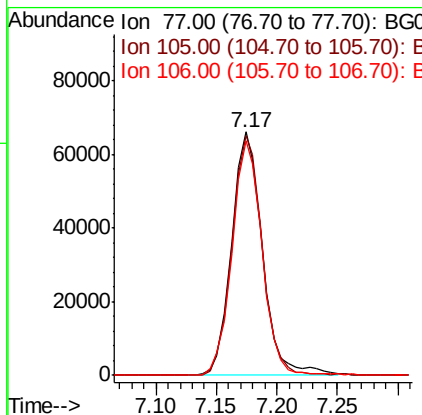
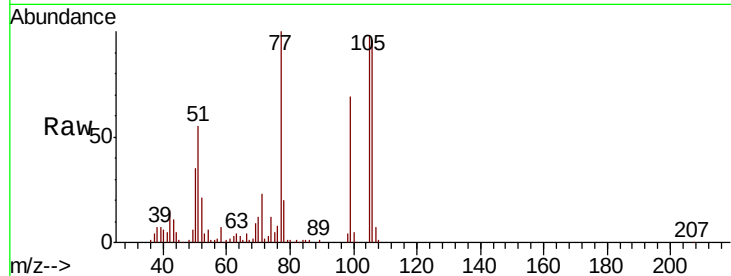
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	98.4	74.6	114.6		
106	96.3	71.1	111.1		

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#10

Phenol

Concen: 40.597 ng

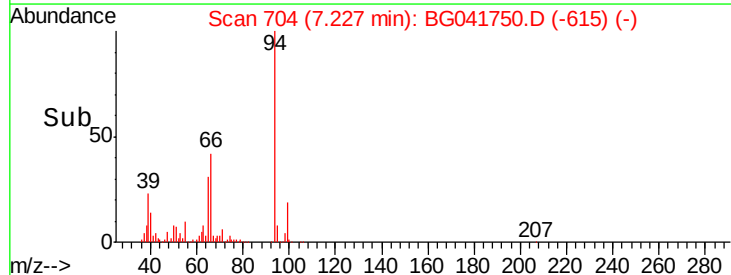
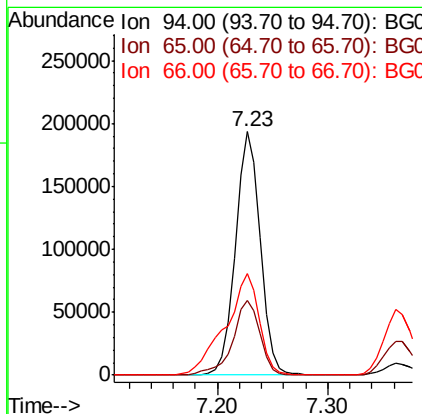
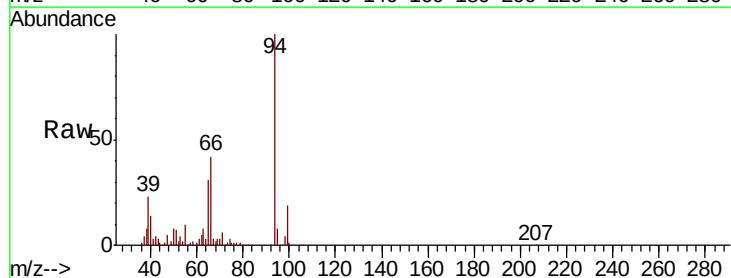
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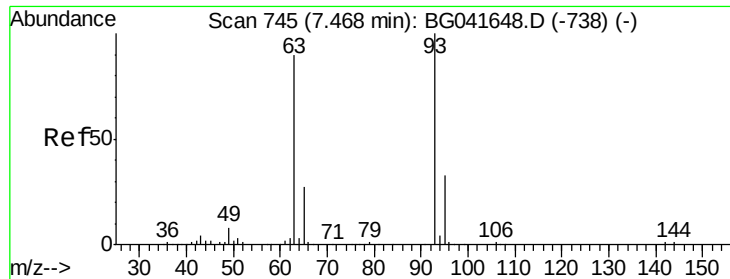
Delta R.T. -0.00 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.7	10.6	50.6		
66	41.9	18.2	58.2		





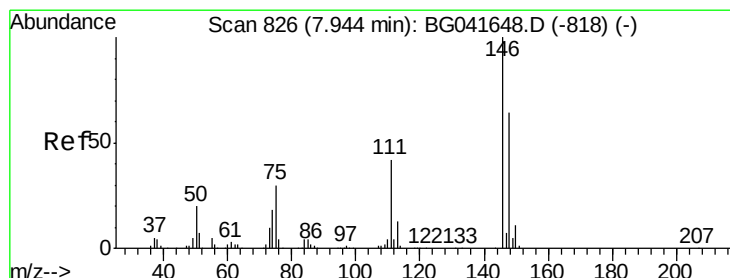
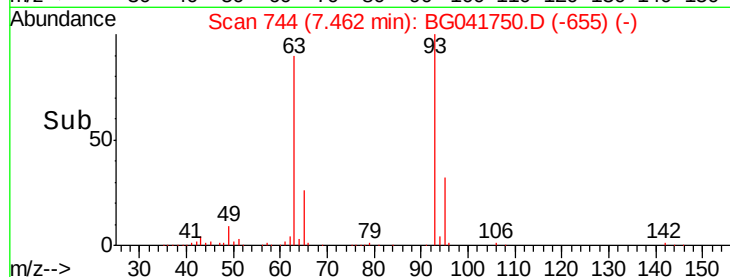
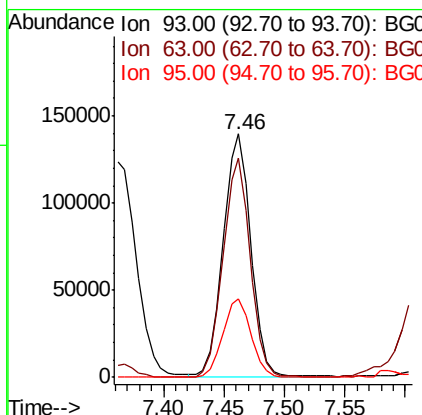
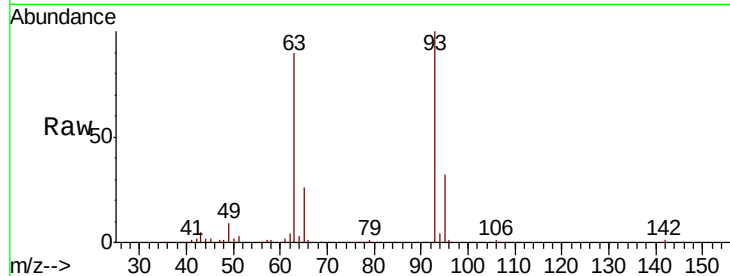
#11
bis(2-Chloroethyl)ether
Concen: 36.779 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.1	70.4	110.4
95	32.2	12.8	52.8

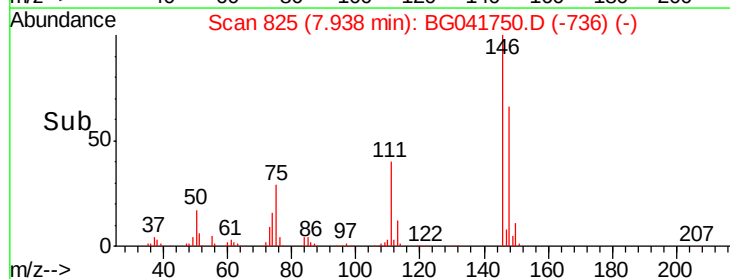
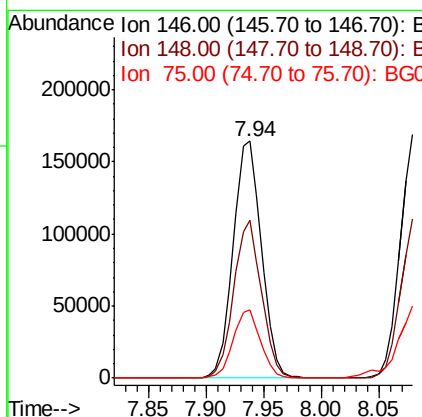
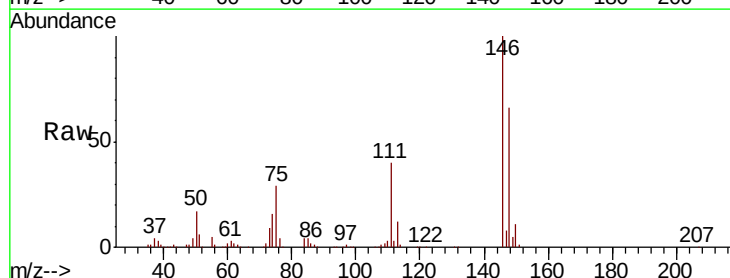
Manual Integrations
APPROVED

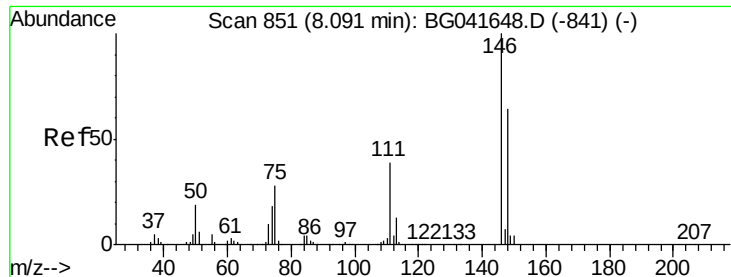
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.132 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	51.5	77.3
75	28.9	23.2	34.8





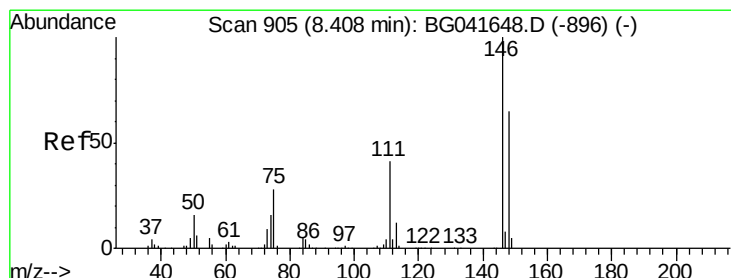
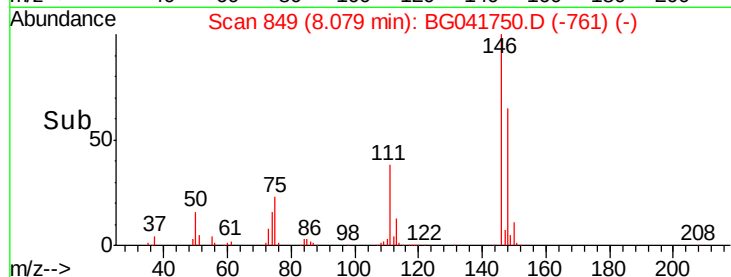
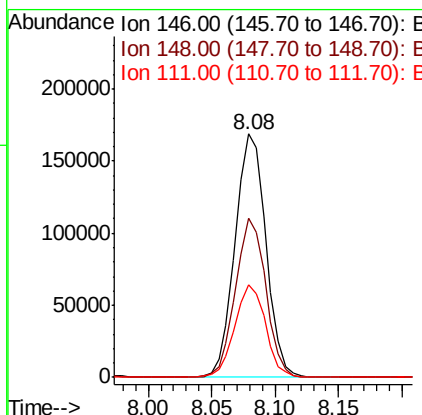
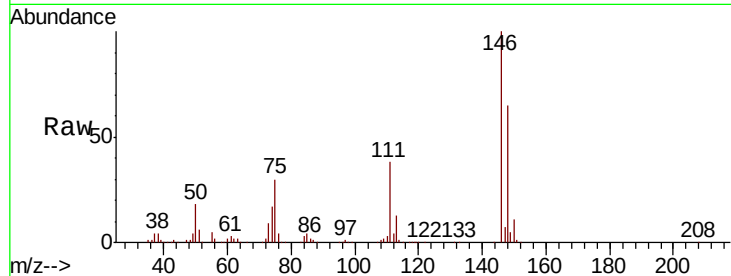
#13
 1,4-Dichlorobenzene
 Concen: 39.816 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG041750.D
 Acq: 22 Jul 2019 15:22

Instrument :
 BNA_G
 ClientSampleId :
 GIS-BUILDING-2MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.6	79.0
111	37.9	32.5	48.7

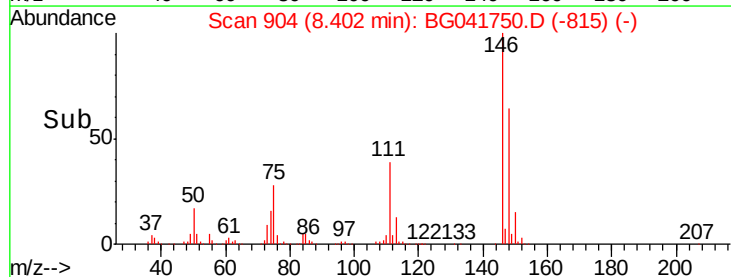
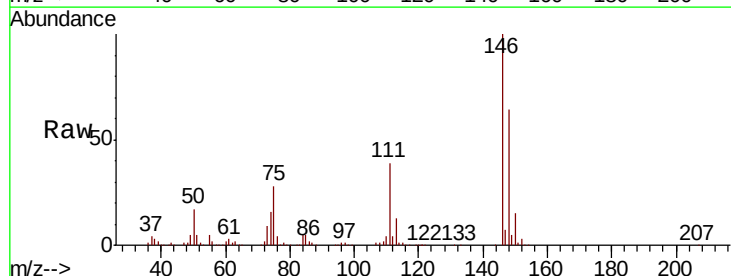
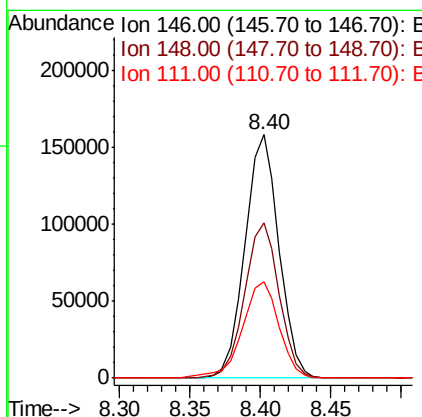
Manual Integrations
 APPROVED

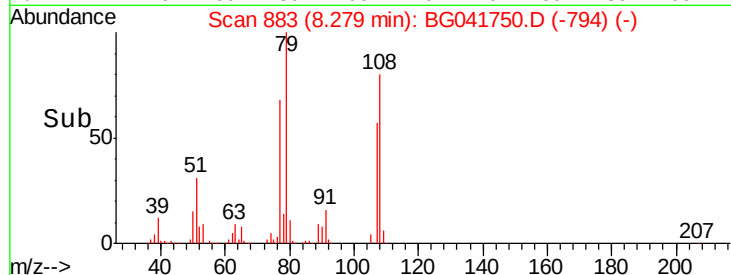
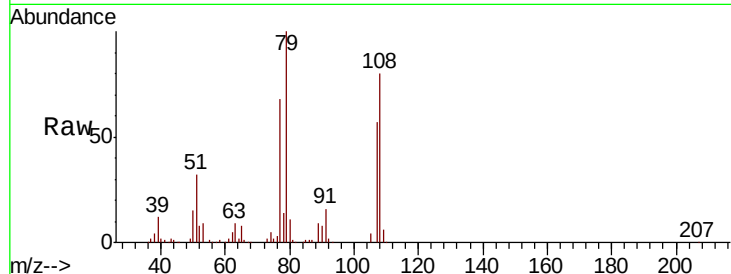
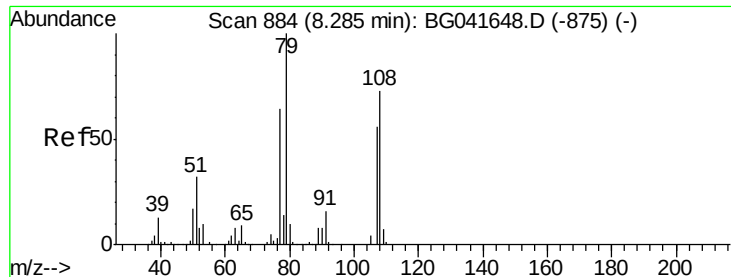
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#14
 1,2-Dichlorobenzene
 Concen: 39.514 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG041750.D
 Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	53.5	80.3
111	39.4	35.4	53.0





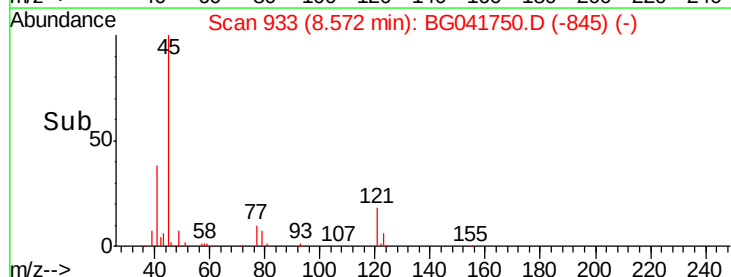
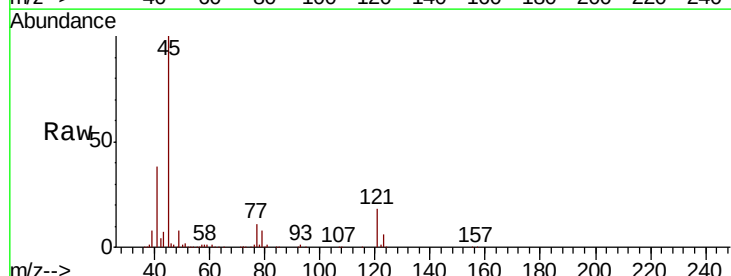
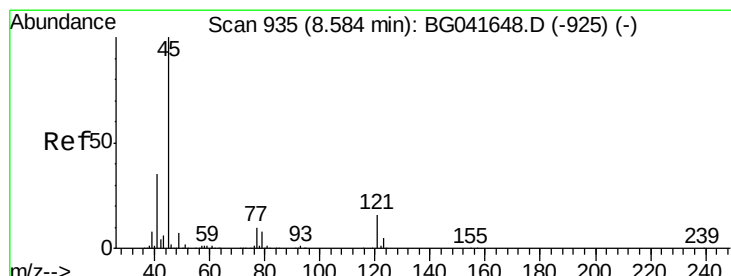
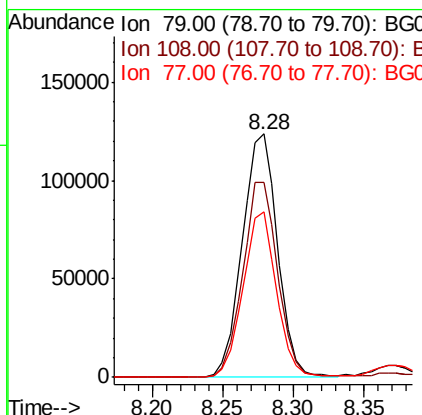
#15
Benzyl Alcohol
Concen: 38.316 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.9	60.5	90.7
77	68.1	50.6	75.8

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

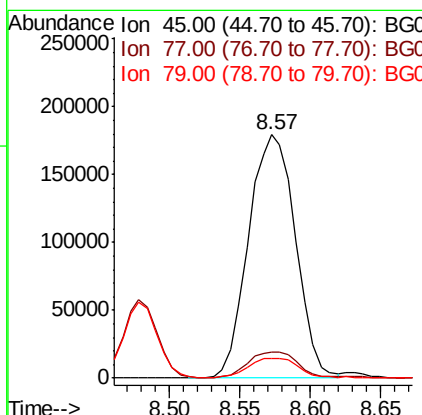
Manual Integrations
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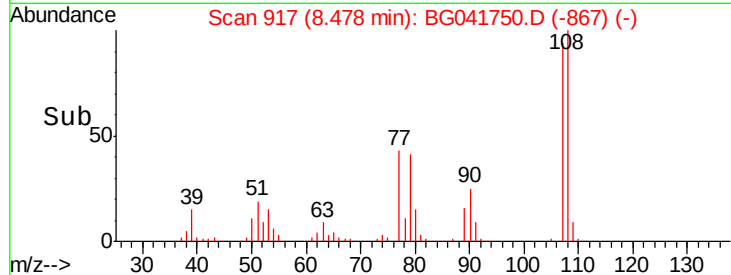
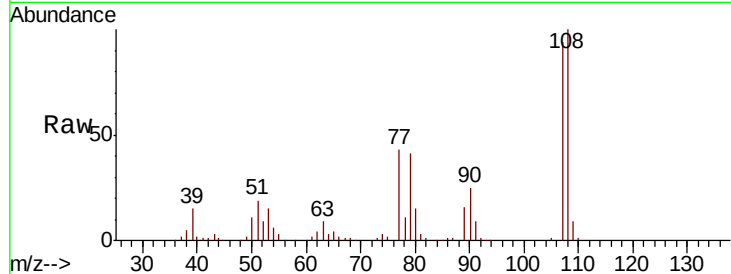
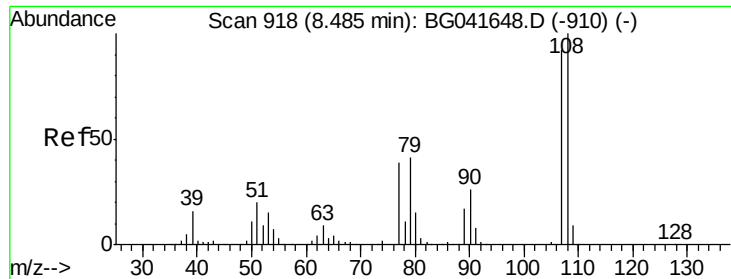
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.230 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	30.4
79	7.9	0.0	27.9





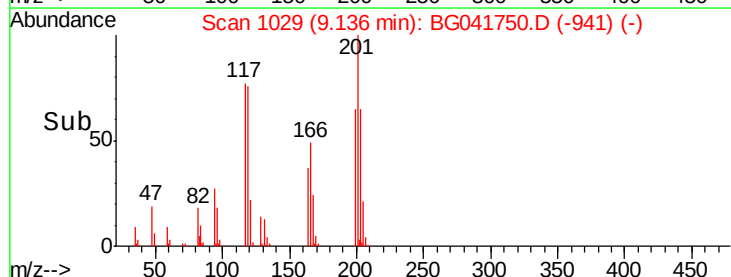
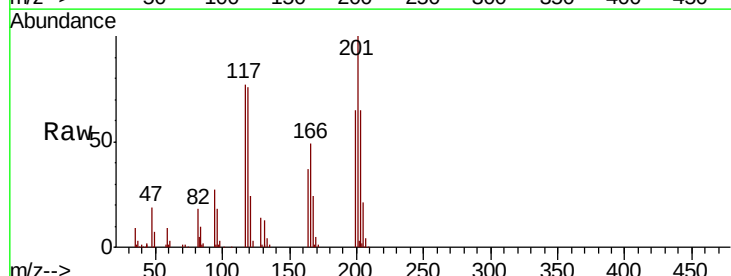
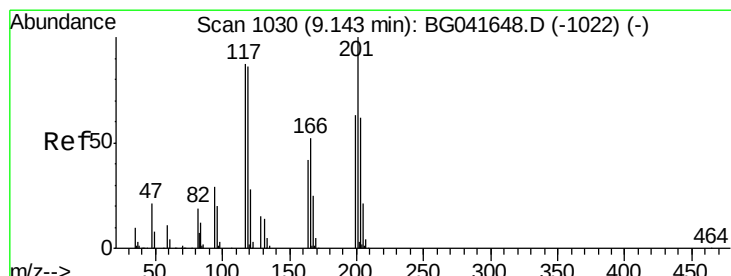
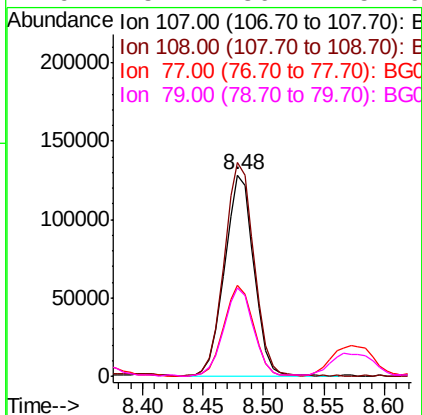
#17
2-Methylphenol
Concen: 41.393 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.2	87.6	131.4	
77	45.2	36.1	54.1	
79	43.7	36.4	54.6	

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

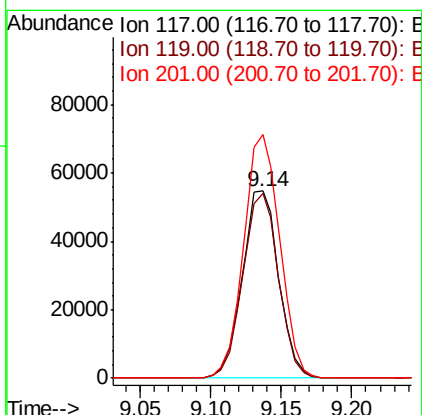
Manual Integrations
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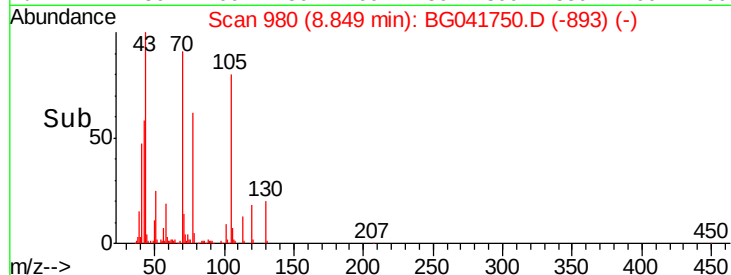
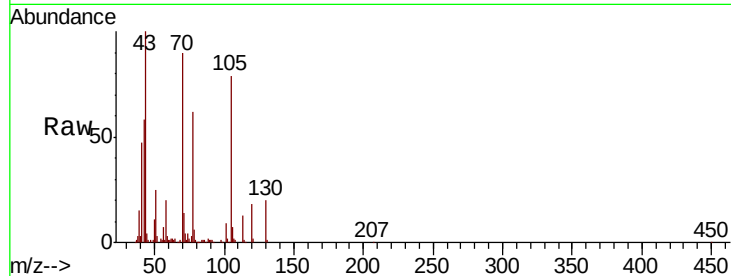
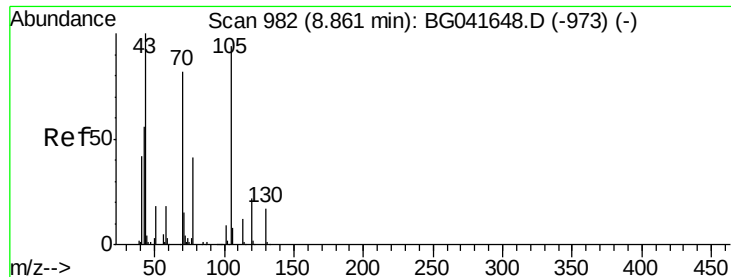
mohammad
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#18
Hexachloroethane
Concen: 37.754 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.9	76.2	114.2	
201	130.3	94.1	141.1	





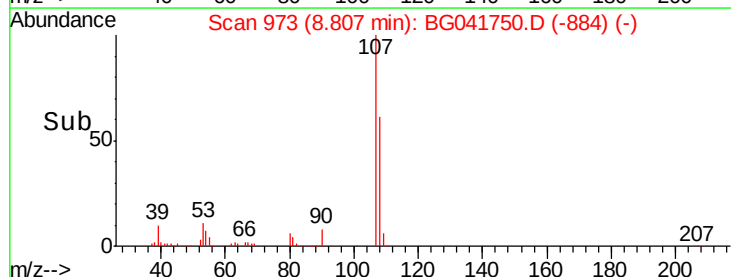
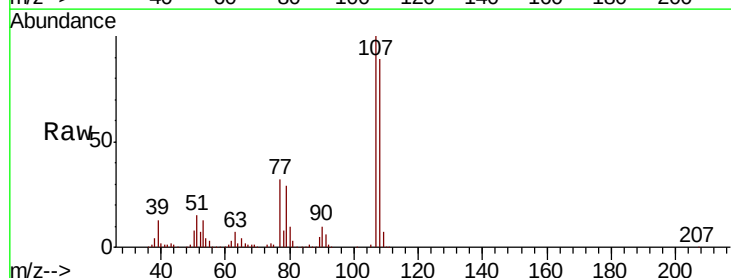
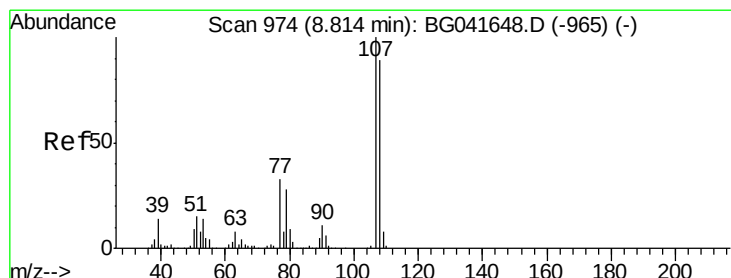
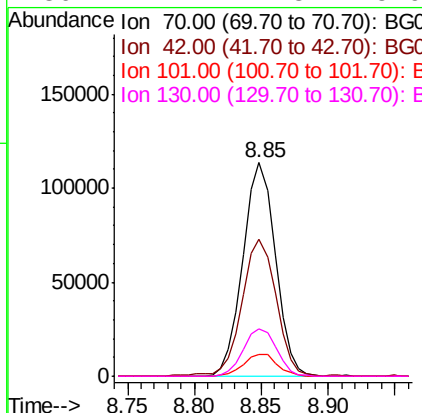
#19
n-Nitroso-di-n-propylamine
Concen: 36.899 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.2	55.8	83.6
101	10.1	8.1	12.1
130	22.4	17.3	25.9

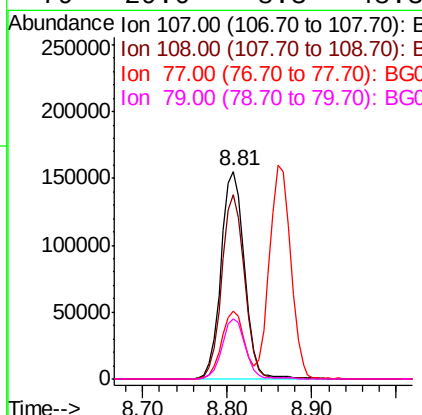
Manual Integrations
APPROVED

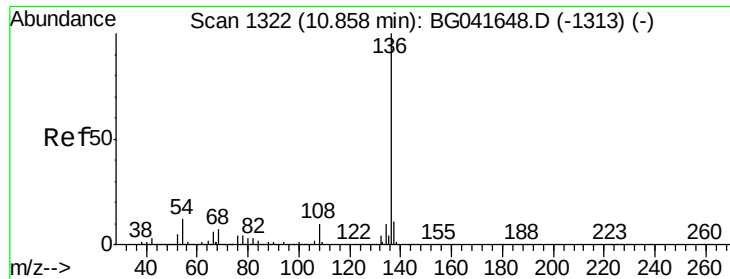
mohammad
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#20
3+4-Methylphenols
Concen: 41.963 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	67.5	107.5
77	32.5	12.3	52.3
79	29.0	8.3	48.3





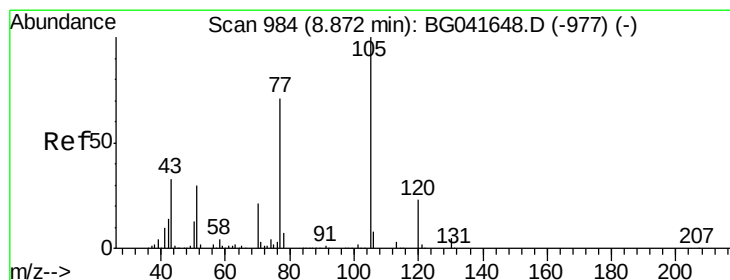
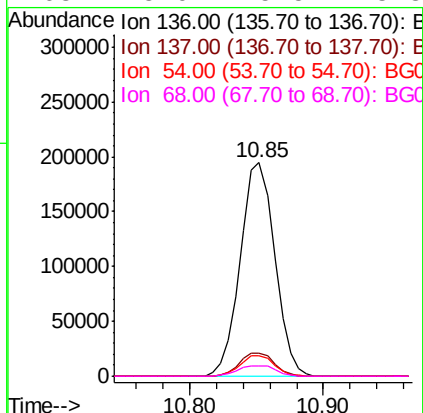
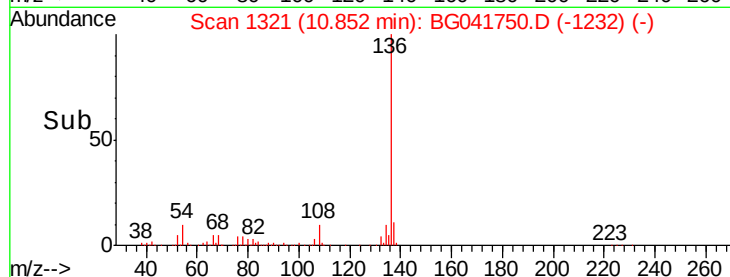
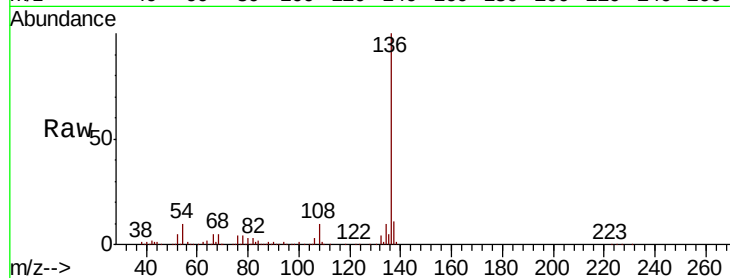
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	348762		
137	10.7	9.2	13.8	
54	9.8	8.7	13.1	
68	5.0	5.5	8.3#	

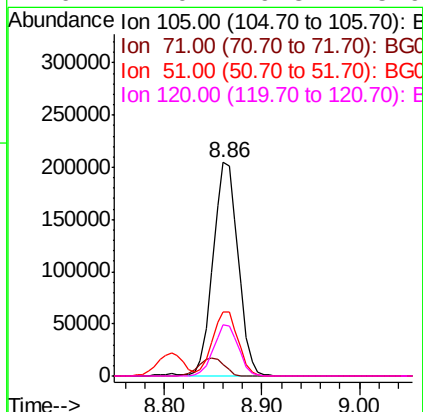
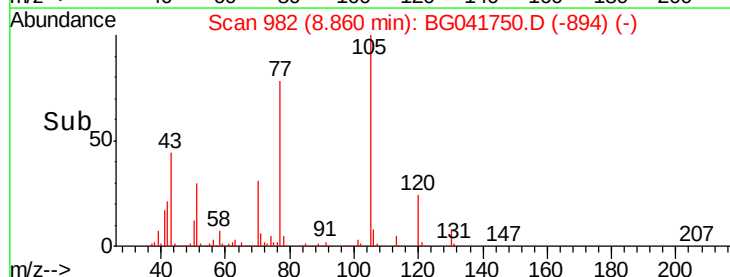
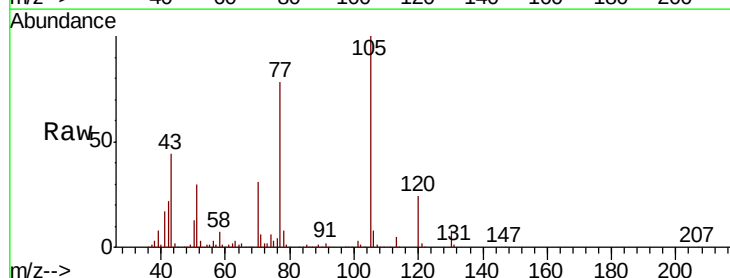
Manual Integrations
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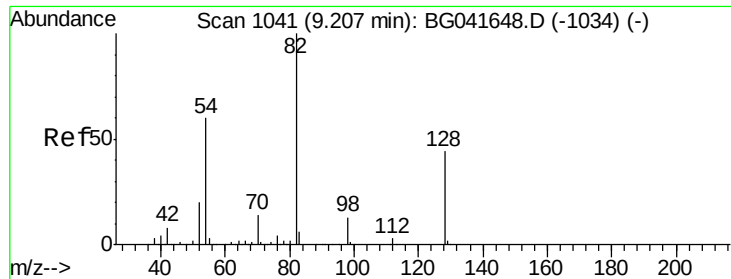
mohammad
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#22
Acetophenone
Concen: 42.794 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	363503		
71	5.6	5.9	8.9#	
51	29.8	27.7	41.5	
120	24.0	19.3	28.9	





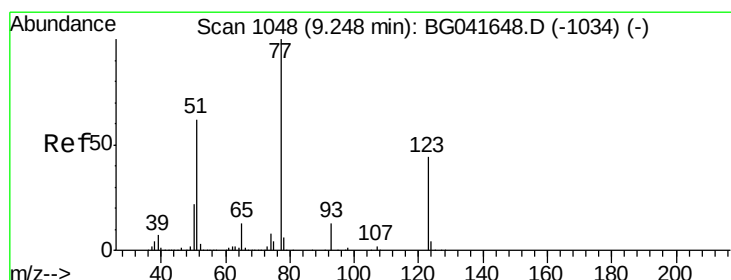
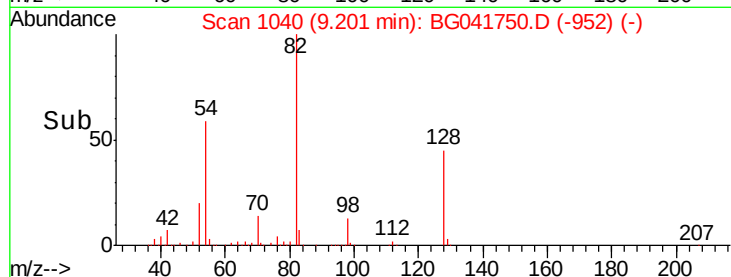
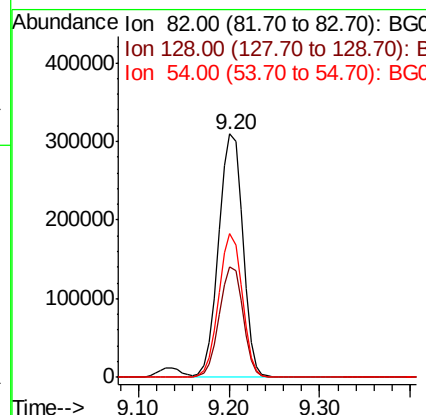
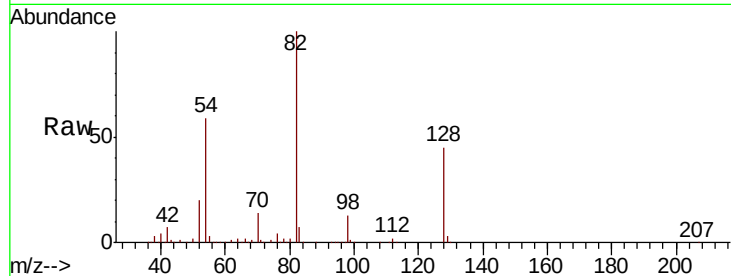
#23
 Nitrobenzene-d5
 Concen: 99.934 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG041750.D
 Acq: 22 Jul 2019 15:22

Instrument :
 BNA_G
 ClientSampleId :
 GIS-BUILDING-2MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.1	52.7
54	59.0	48.7	73.1

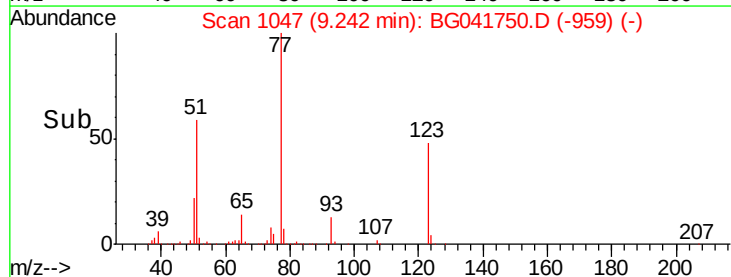
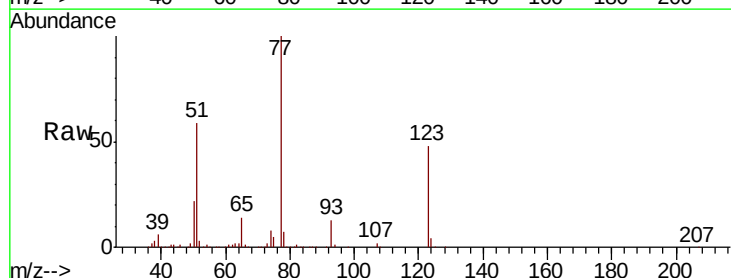
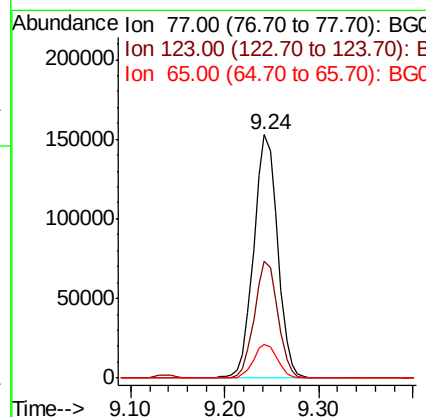
Manual Integrations
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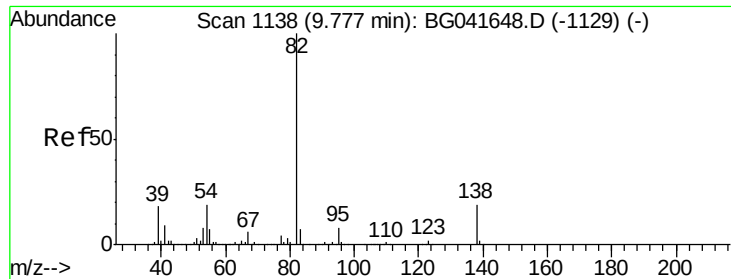
mohammad
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#24
 Nitrobenzene
 Concen: 43.127 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG041750.D
 Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	38.1	57.1
65	13.9	11.0	16.6





#25

Isophorone

Concen: 41.094 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Instrument :

BNA_G

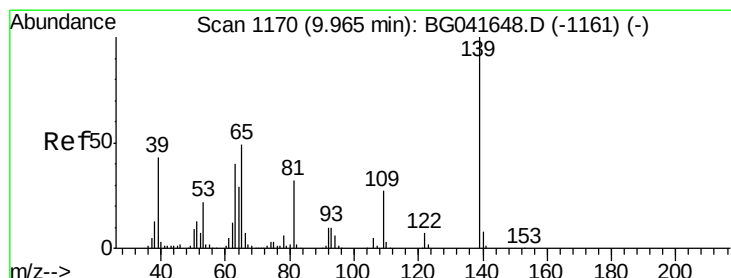
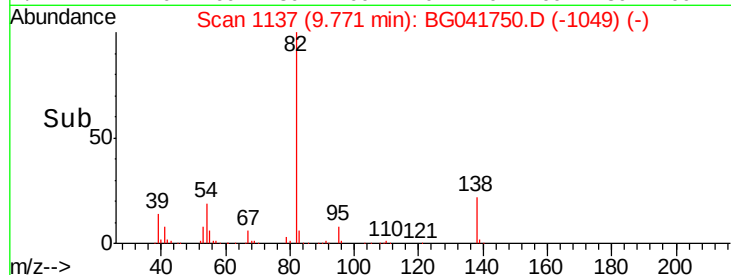
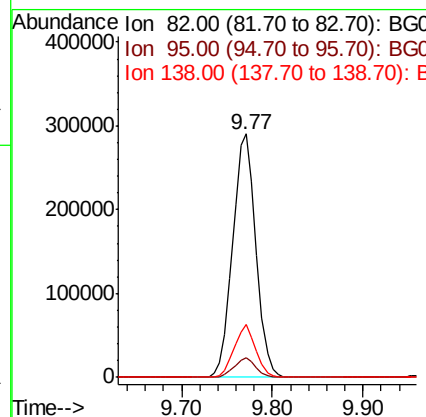
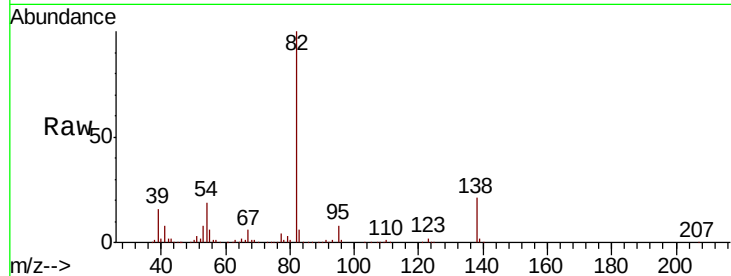
ClientSampleId :

GIS-BUILDING-2MSD

Tot Ion:	82	Resp:	516039
Ion Ratio	Lower	Upper	
82	100		
95	7.9	5.9	8.9
138	21.5	16.3	24.5

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#26

2-Nitrophenol

Concen: 48.504 ng

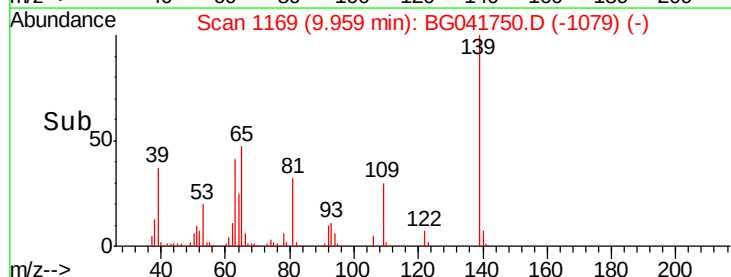
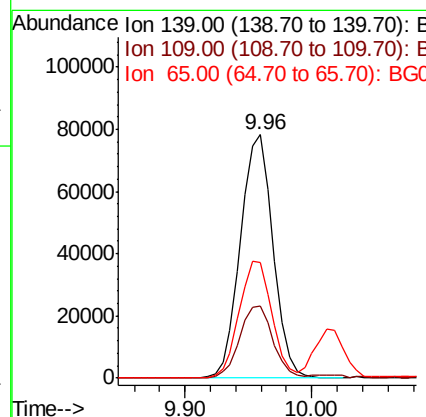
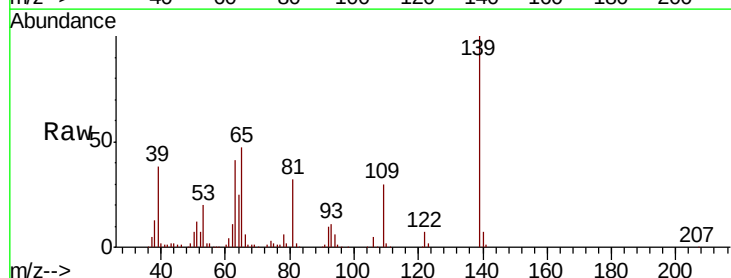
RT: 9.96 min Scan# 1169

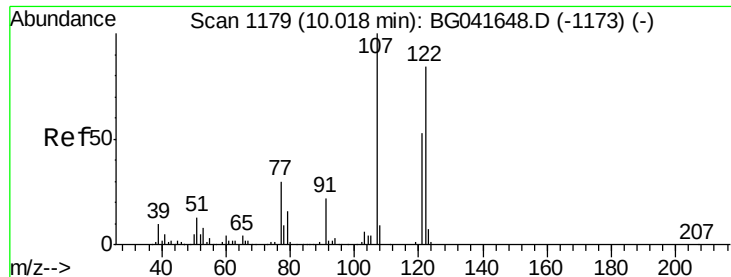
Delta R.T. -0.00 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Tgt Ion:	139	Resp:	139359
Ion Ratio	Lower	Upper	
139	100		
109	29.6	22.7	34.1
65	47.3	41.1	61.7





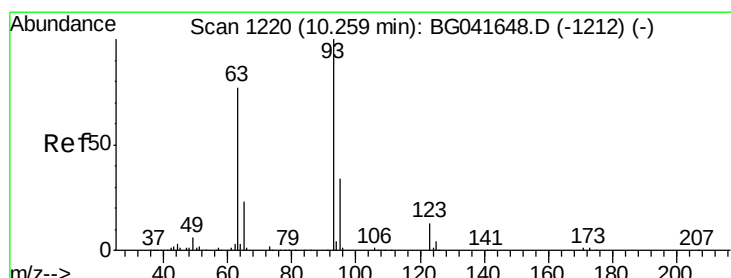
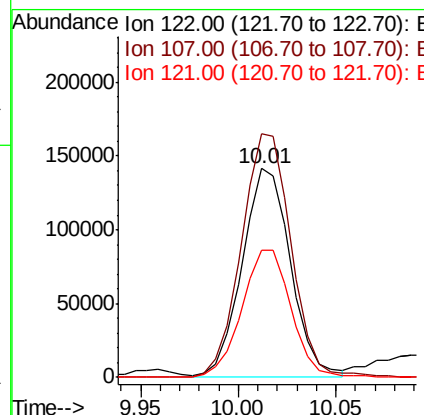
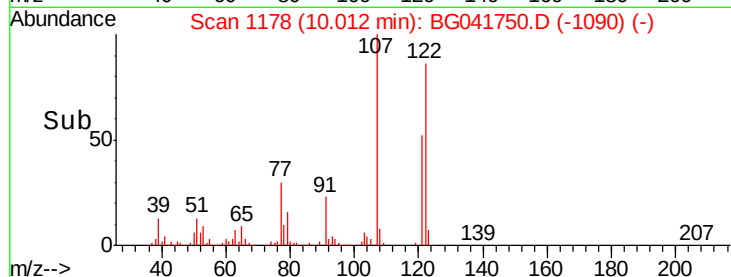
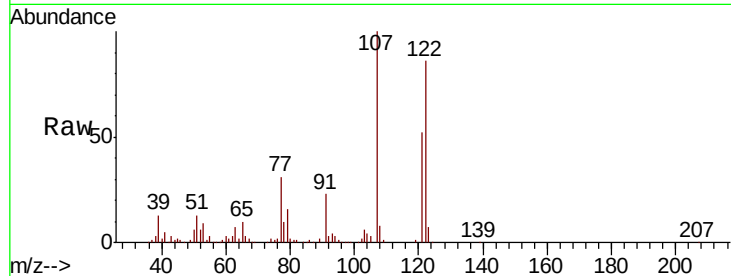
#27
 2,4-Dimethylphenol
 Concen: 49.032 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BG041750.D
 Acq: 22 Jul 2019 15:22

Instrument :
 BNA_G
 ClientSampleId :
 GIS-BUILDING-2MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.7	91.3	136.9
121	60.9	49.2	73.8

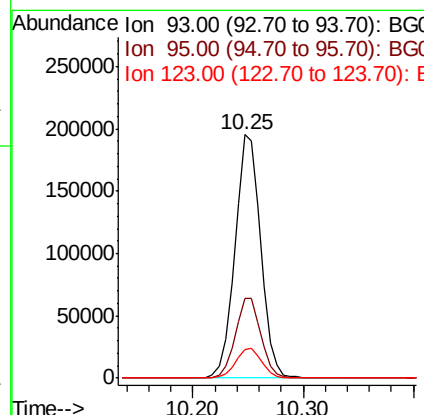
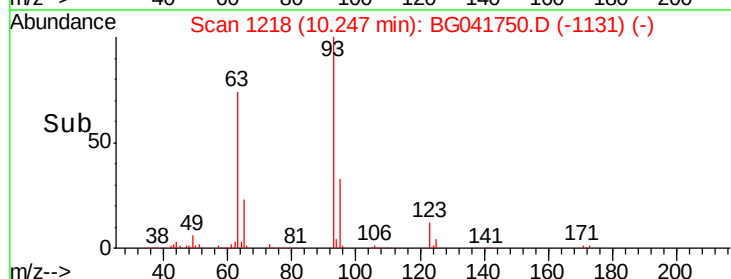
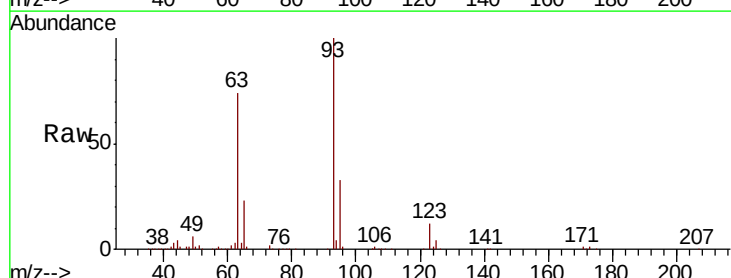
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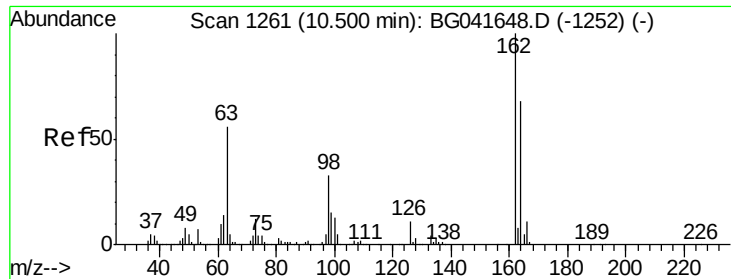
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.121 ng
 RT: 10.25 min Scan# 1218
 Delta R.T. -0.02 min
 Lab File: BG041750.D
 Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.4
123	12.0	9.9	14.9





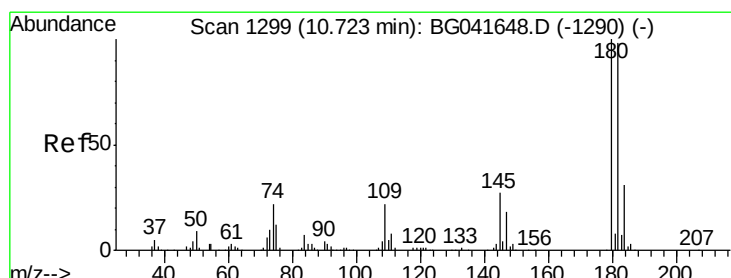
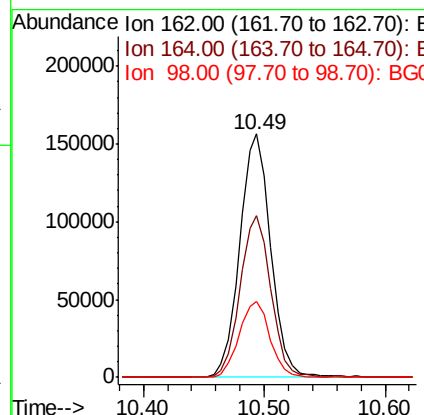
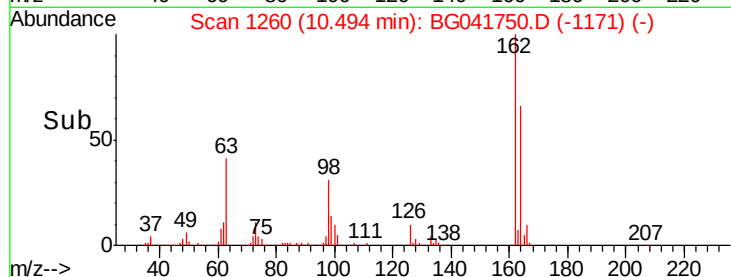
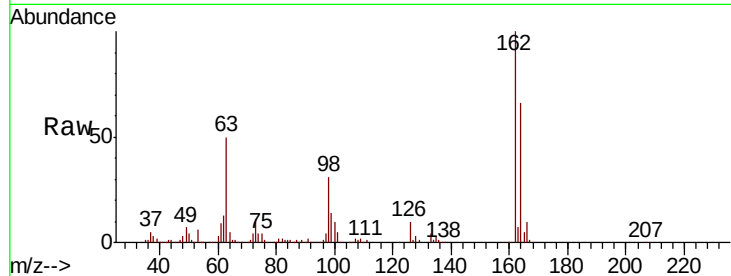
#29
2,4-Dichlorophenol
Concen: 49.198 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	278697		
164	66.5	46.1	86.1	
98	31.1	14.7	54.7	

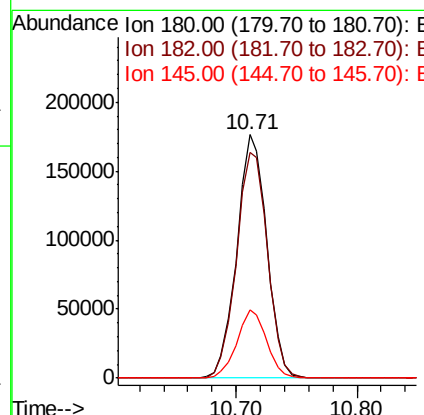
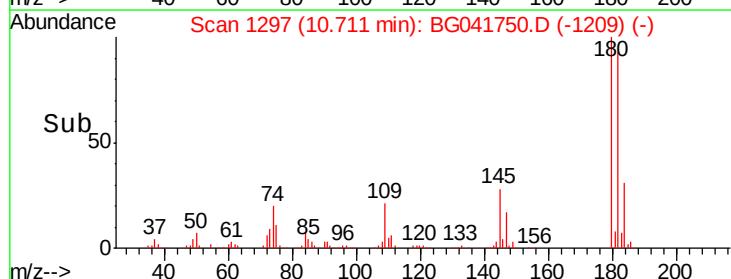
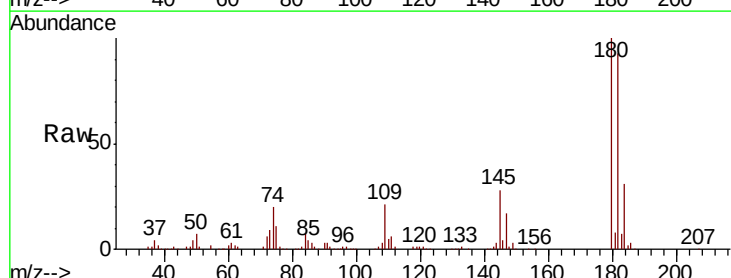
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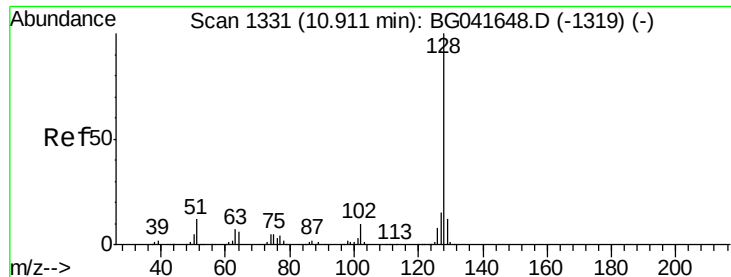
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 45.821 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	304776		
182	92.9	76.2	114.2	
145	27.9	23.8	35.8	





#31

Naphthalene

Concen: 44.448 ng

RT: 10.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Instrument :

BNA_G

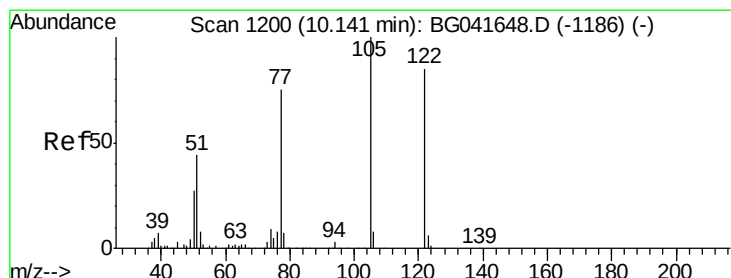
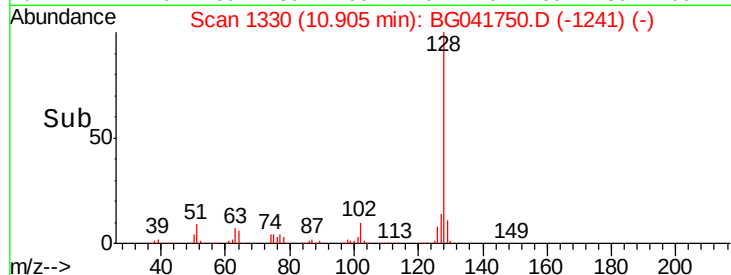
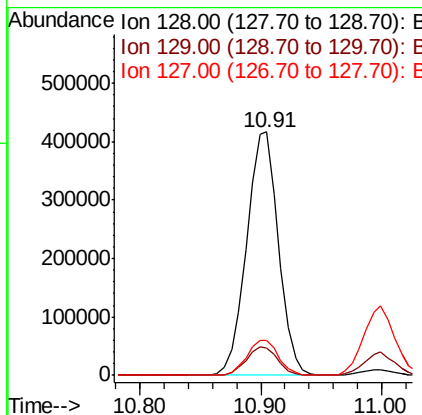
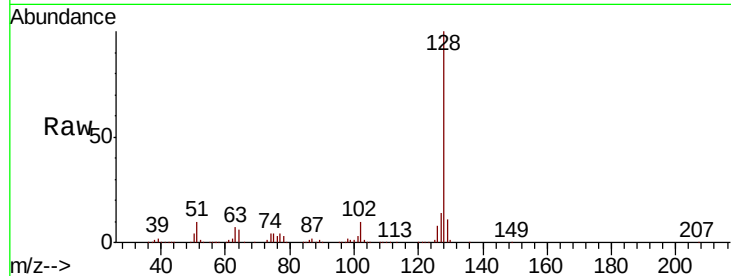
ClientSampleId :

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Tot Ion:	128	Resp:	763178
Ion	Ratio	Lower	Upper
128	100		
129	11.4	10.0	15.0
127	14.2	12.3	18.5

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#32

Benzoic acid

Concen: 15.539 ng

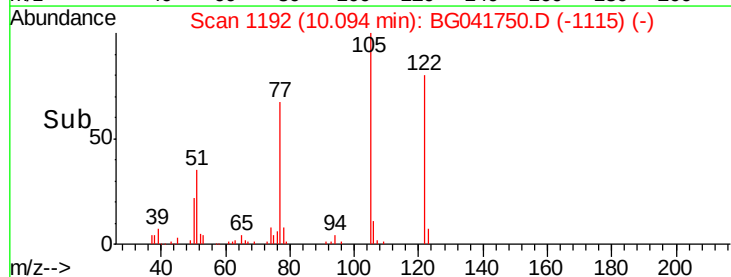
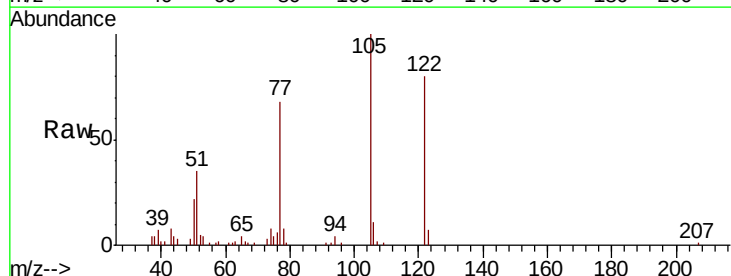
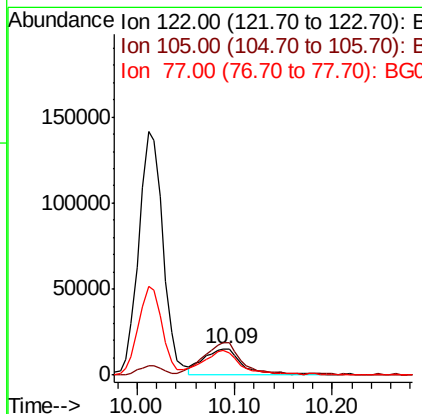
RT: 10.09 min Scan# 1192

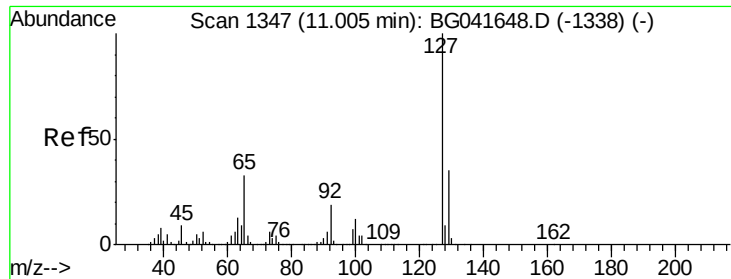
Delta R.T. -0.07 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Tgt Ion:	122	Resp:	41082
Ion	Ratio	Lower	Upper
122	100		
105	125.1	101.5	141.5
77	85.3	73.0	113.0





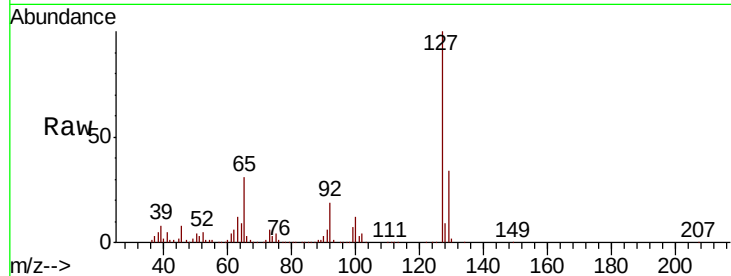
#33
4-Chloroaniline
Concen: 27.456 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

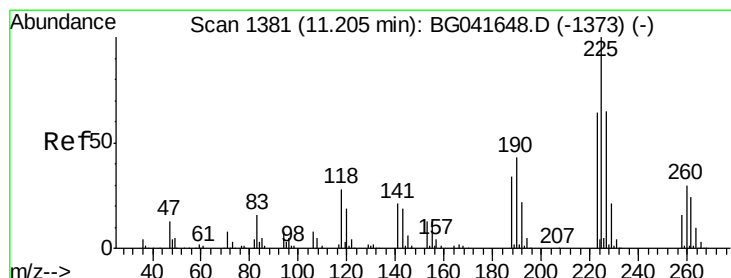
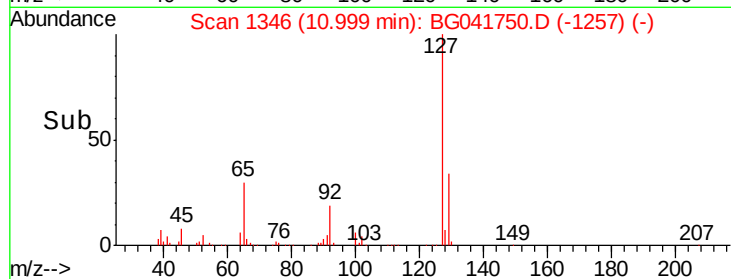
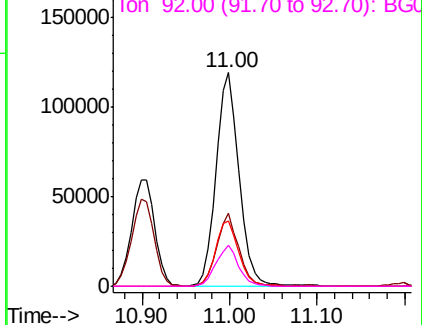
Tot Ion	Ratio	Lower	Upper
127	100		
129	34.1	25.8	38.8
65	30.6	26.7	40.1
92	19.2	15.4	23.0

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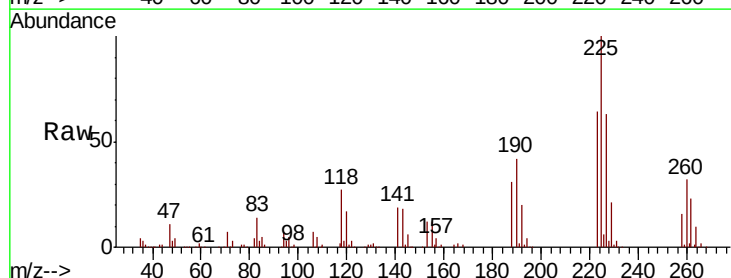


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

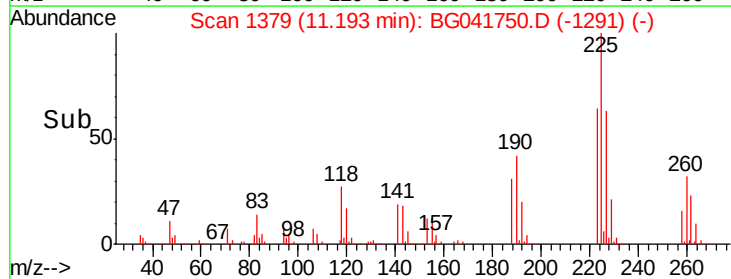
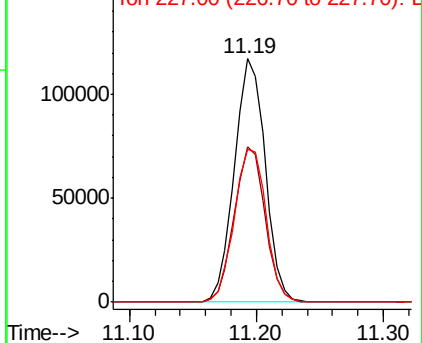


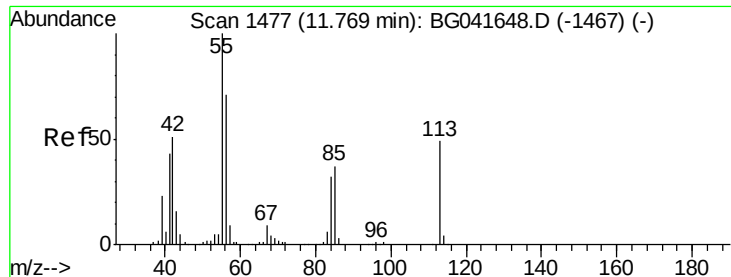
#34
Hexachlorobutadiene
Concen: 46.131 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.1	76.7
227	63.0	50.9	76.3



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





#35

Caprolactam

Concen: 47.998 ng/mL

RT: 11.76 min Scan# 1475

Delta R.T. -0.03 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Instrument :

BNA_G

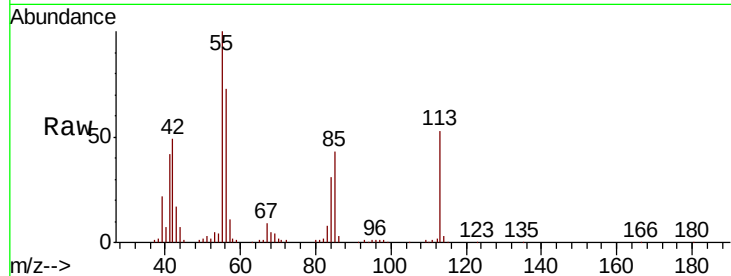
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
113	100		
55	187.6	199.4	239.4#
56	136.4	133.6	173.6

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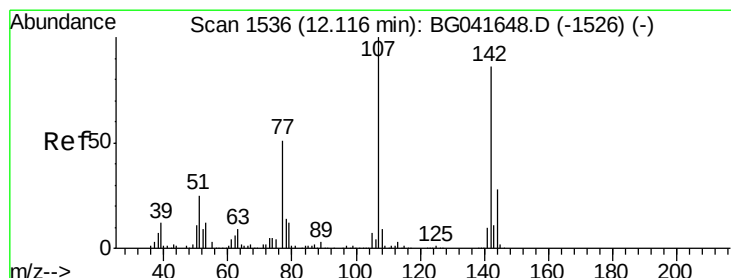
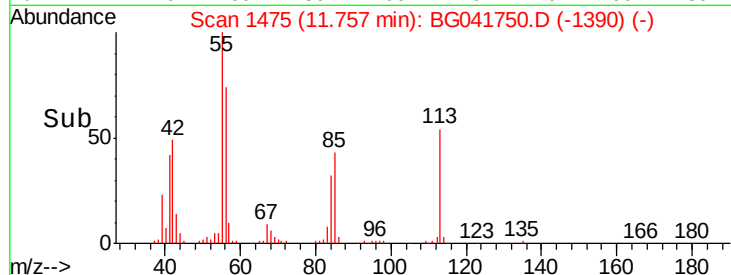
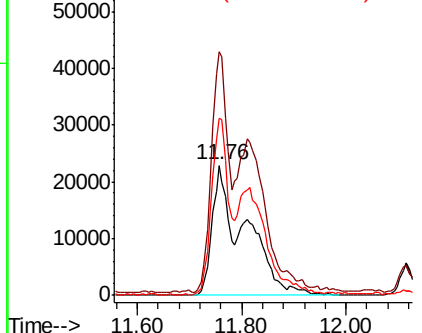


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.332 ng/mL

RT: 12.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

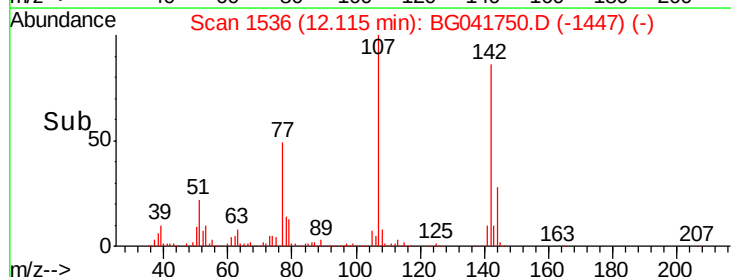
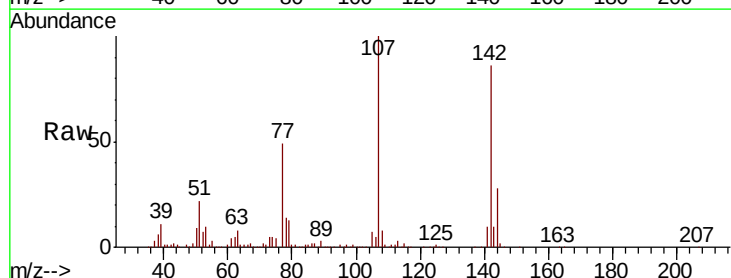
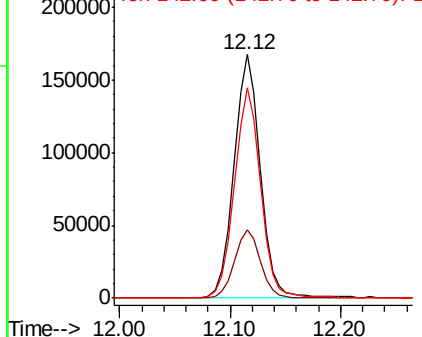
Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	22.2	33.2
142	86.2	67.3	100.9

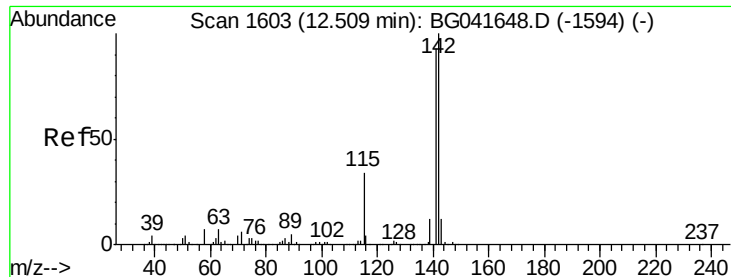
Abundance

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





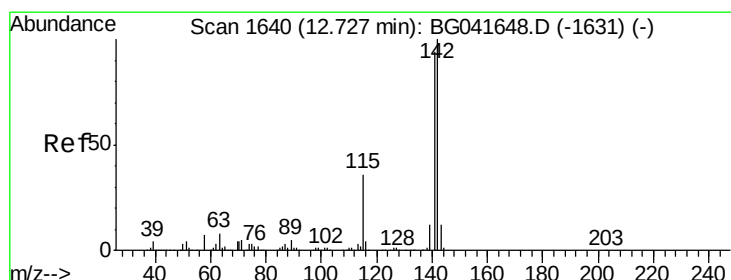
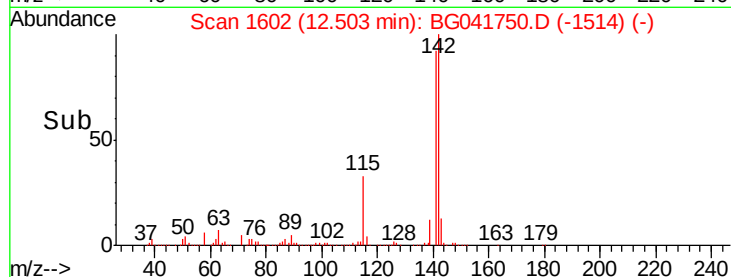
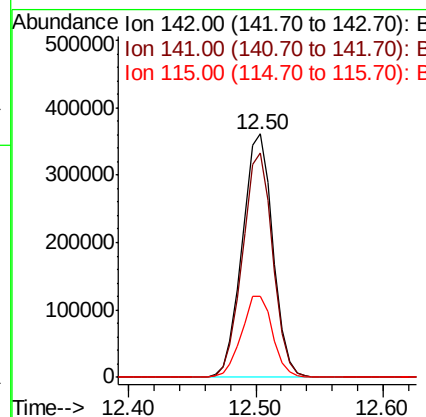
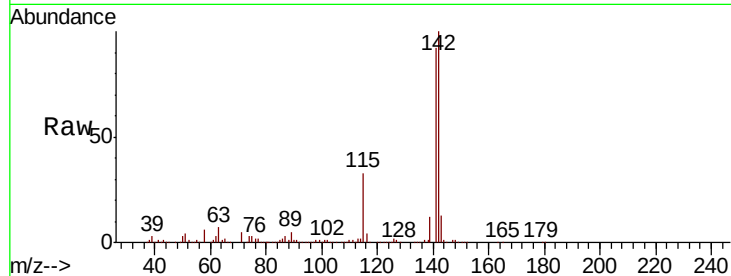
#37
2-Methylnaphthalene
Concen: 45.937 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.7	109.1
115	33.5	27.0	40.4

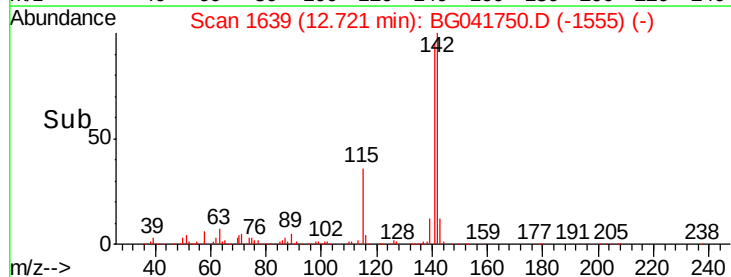
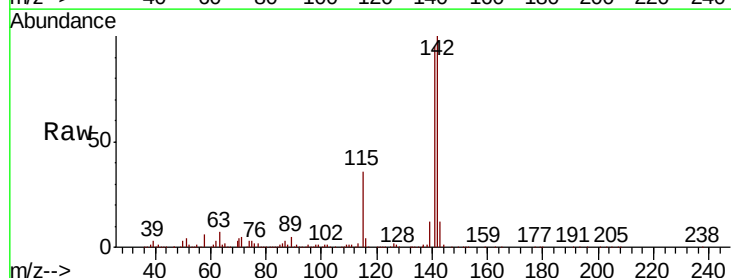
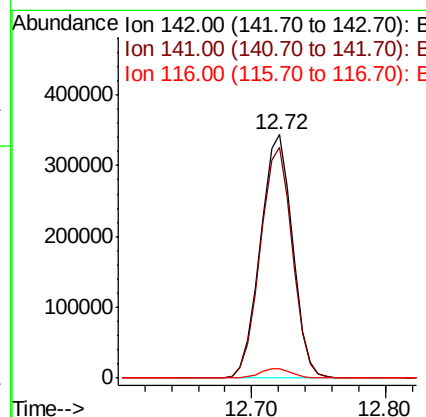
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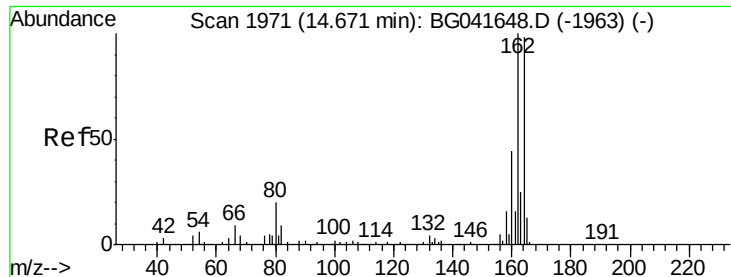
mohammad
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#38
1-Methylnaphthalene
Concen: 45.576 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	75.4	113.2
116	3.9	3.2	4.8





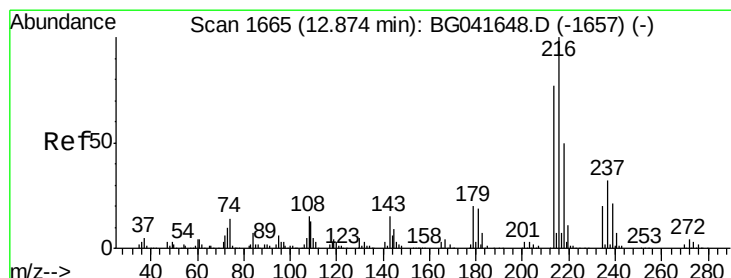
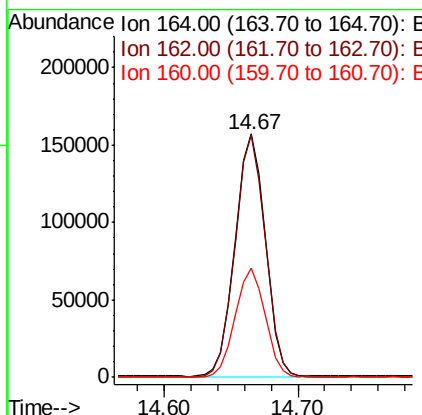
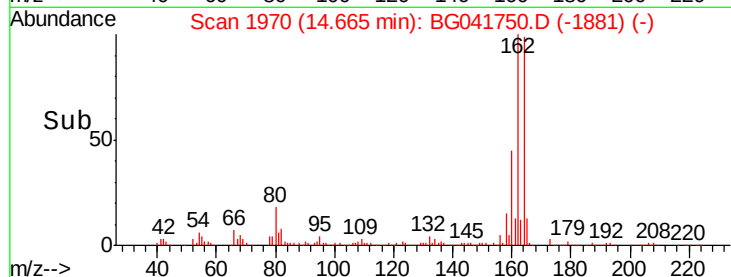
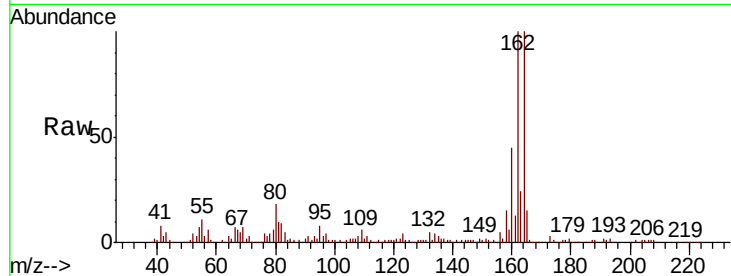
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.8	79.6	119.4	
160	44.6	35.4	53.0	

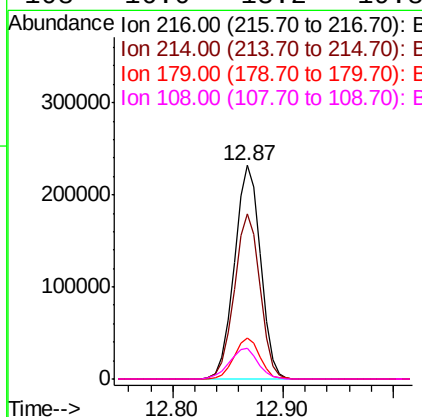
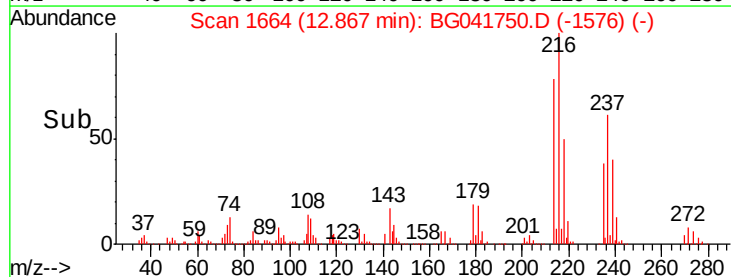
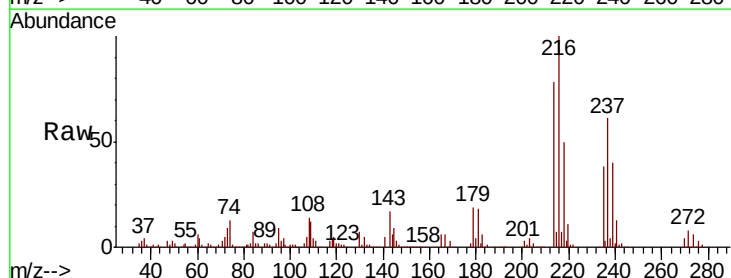
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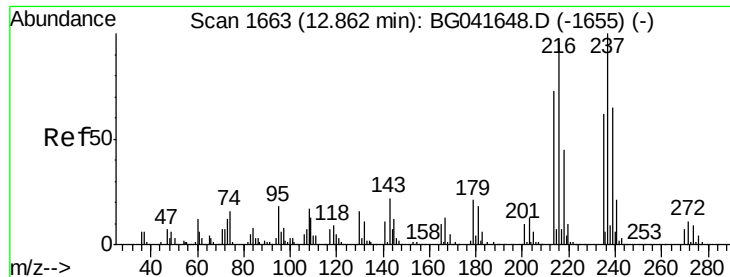
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.362 ng
RT: 12.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	76.2	61.5	92.3	
179	18.4	16.2	24.2	
108	16.0	13.2	19.8	





#41

Hexachlorocyclopentadiene

Concen: 100.009 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Instrument :

BNA_G

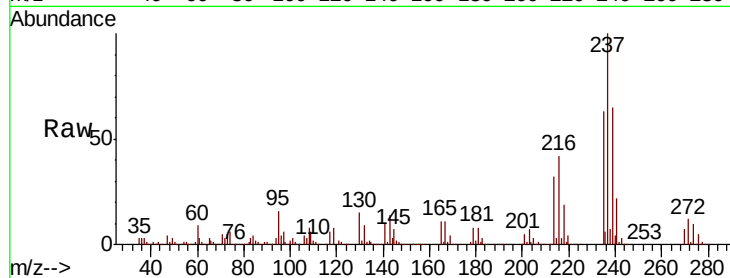
ClientSampleId :

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Tot Ion:	237	Resp:	478552
Ion Ratio	Lower	Upper	
237	100		
235	62.6	43.5	83.5
272	12.3	0.0	31.2

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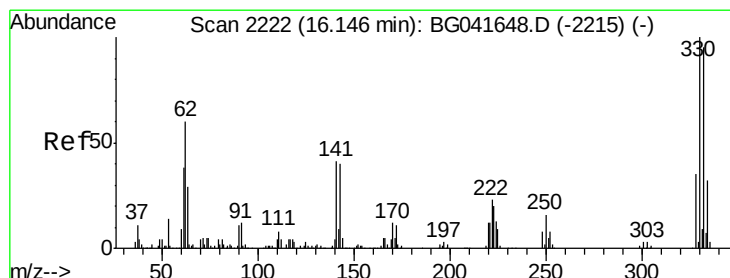
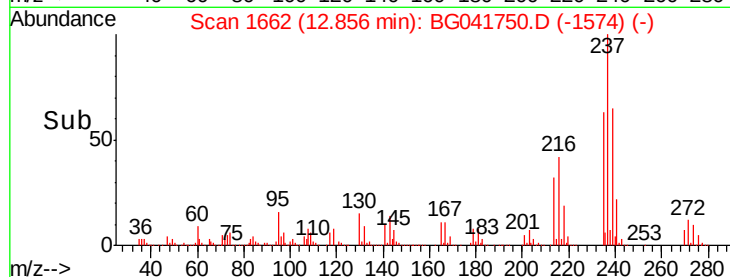
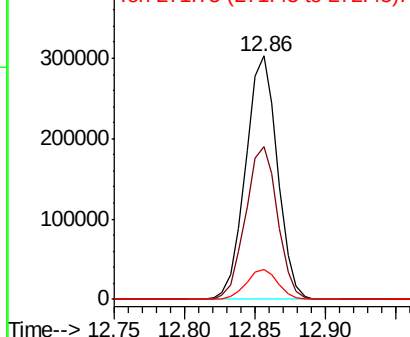


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 164.068 ng

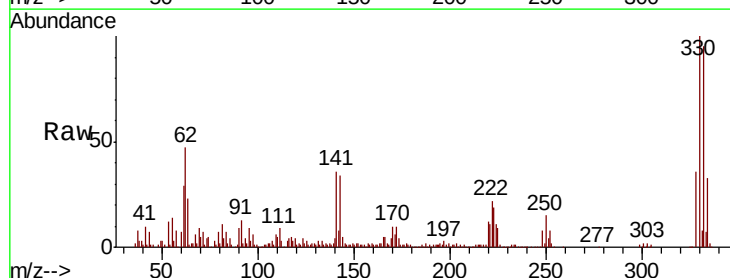
RT: 16.15 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Tgt Ion:	330	Resp:	456620
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.4	116.0
141	35.2	31.9	47.9

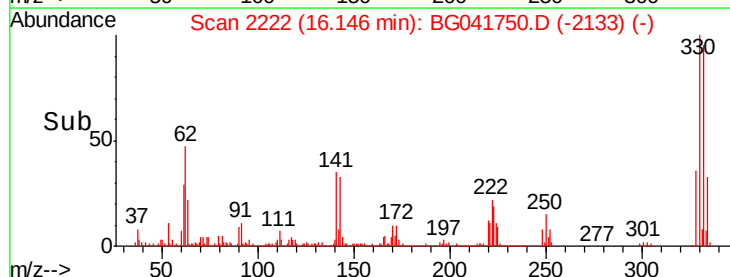
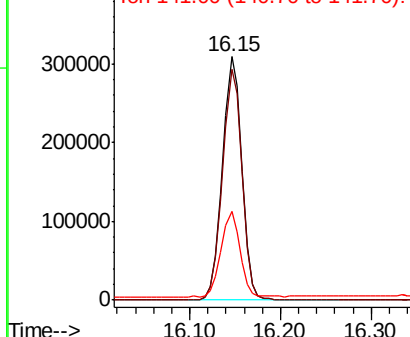


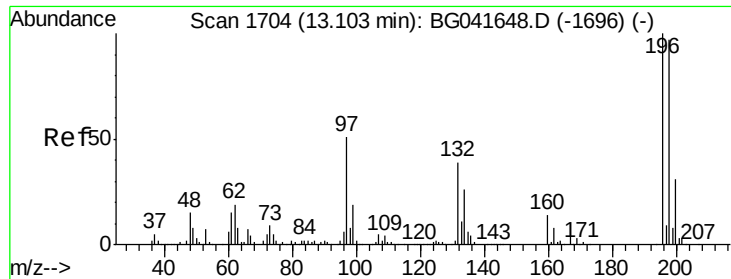
Abundance

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





#43

2,4,6-Trichlorophenol

Concen: 46.395 ng

RT: 13.10 min Scan# 1704

Delta R.T. -0.00 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Instrument :

BNA_G

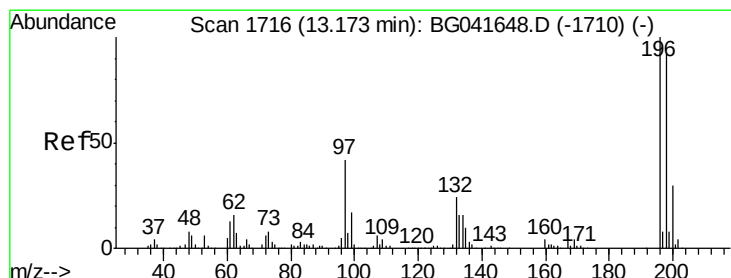
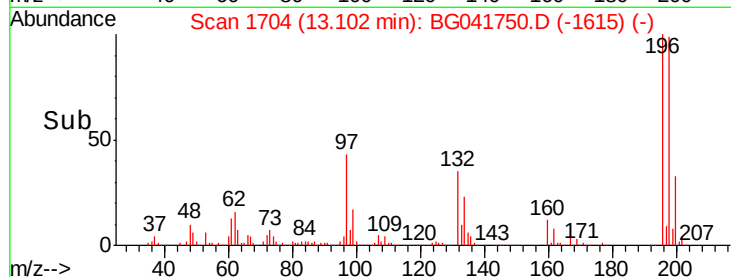
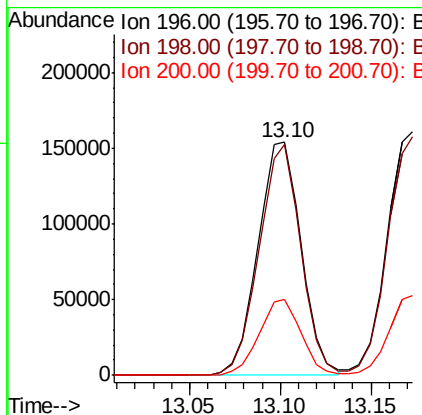
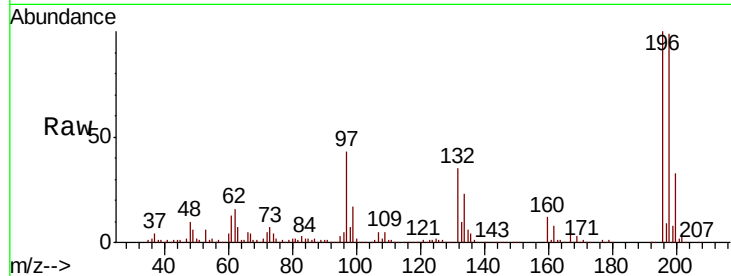
ClientSampleId :

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Tot Ion:	196	Resp:	255004
Ion Ratio	Lower	Upper	
196	100		
198	99.1	79.6	119.4
200	32.8	25.2	37.8

Manual Integrations
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mohammad
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#44

2,4,5-Trichlorophenol

Concen: 47.206 ng

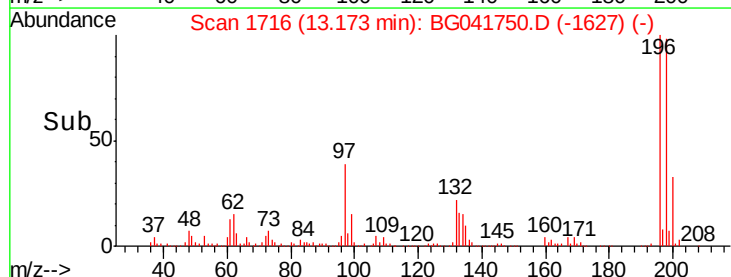
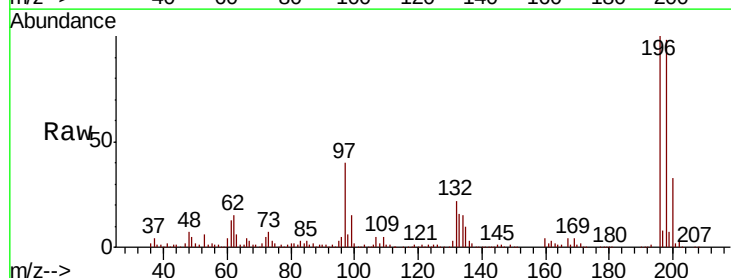
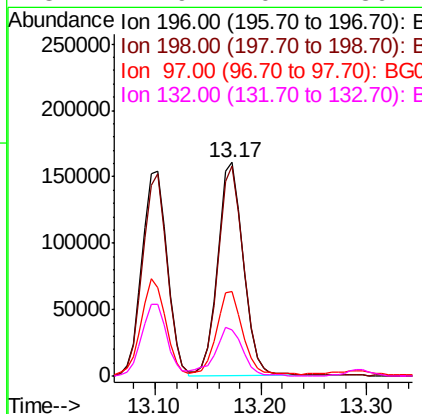
RT: 13.17 min Scan# 1716

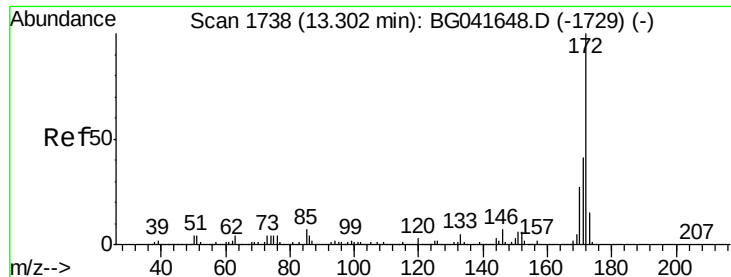
Delta R.T. -0.00 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Tgt Ion:	196	Resp:	273371
Ion Ratio	Lower	Upper	
196	100		
198	98.1	80.6	121.0
97	39.6	33.9	50.9
132	21.9	20.2	30.2





#45

2-Fluorobiphenyl

Concen: 90.207 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.01 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Instrument :

BNA_G

ClientSampleId :

GIS-BUILDING-2MSD

Tot Ion:172 Resp: 1438613

Ion Ratio Lower Upper

172 100

171 40.7 35.0 52.4

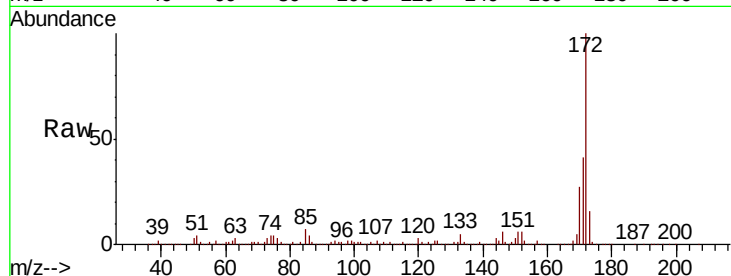
170 27.2 23.5 35.3

Manual Integrations

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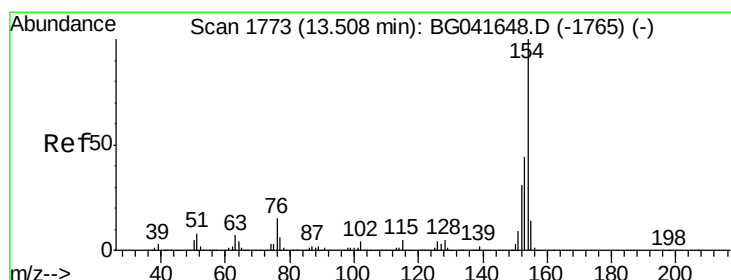
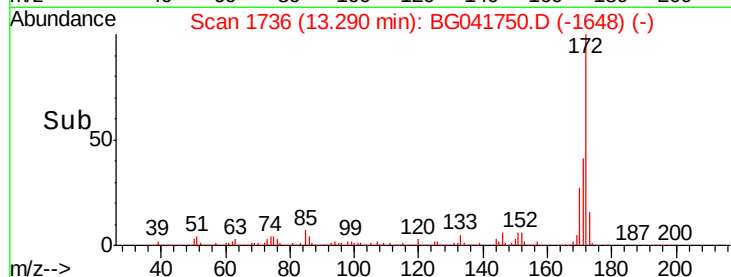
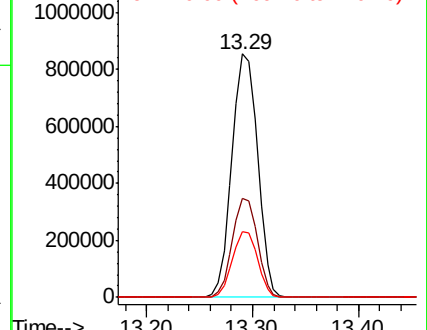
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.768 ng

RT: 13.50 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

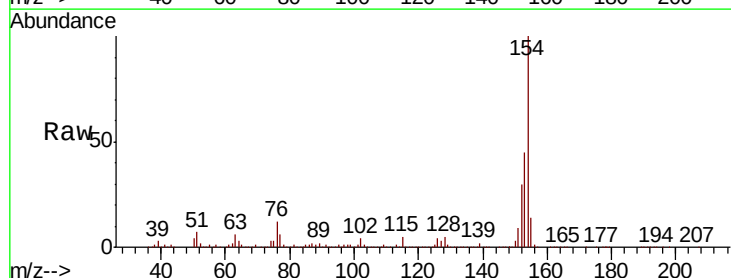
Tgt Ion:154 Resp: 772771

Ion Ratio Lower Upper

154 100

153 45.2 25.0 65.0

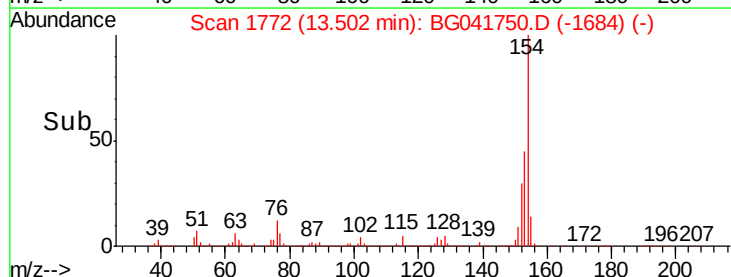
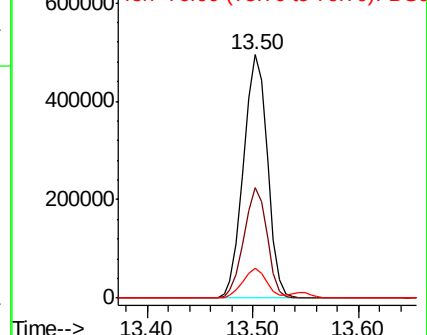
76 12.2 0.0 34.5

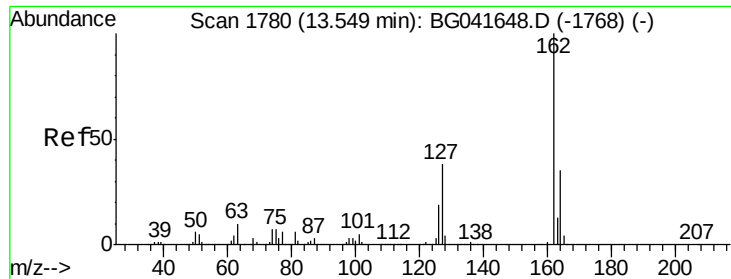


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





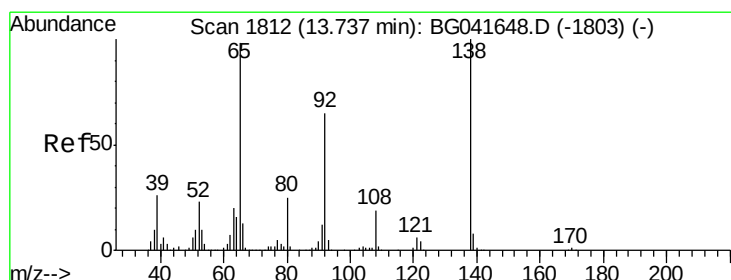
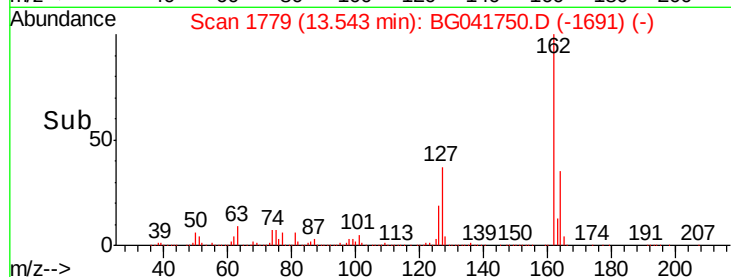
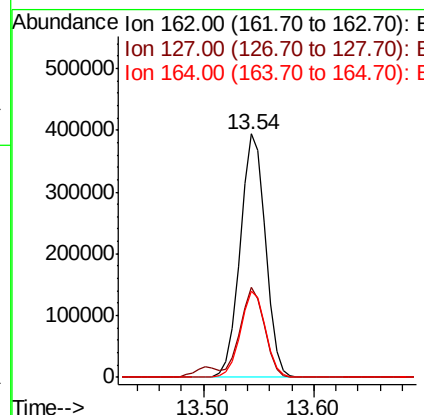
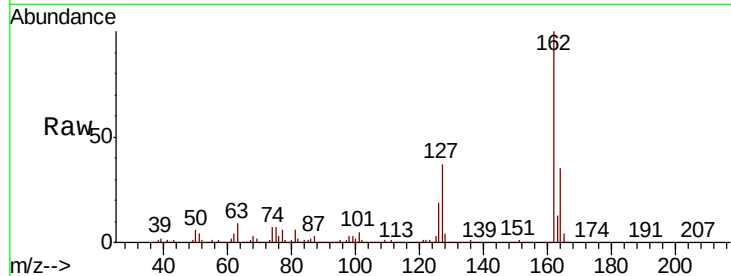
#47
 2-Chloronaphthalene
 Concen: 41.076 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BG041750.D
 Acq: 22 Jul 2019 15:22

Instrument :
 BNA_G
 ClientSampleId :
 GIS-BUILDING-2MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	30.4	45.6
164	35.1	28.6	42.8

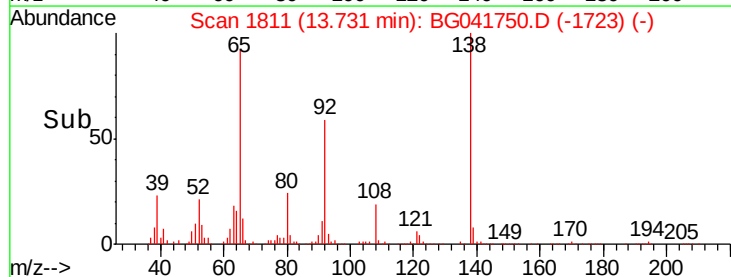
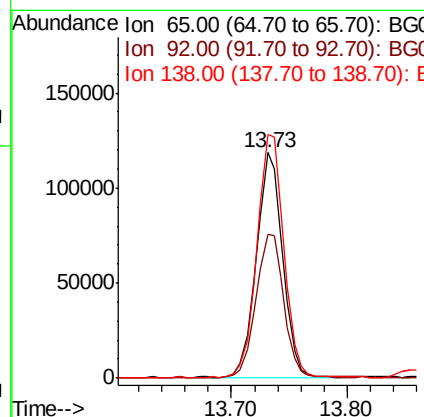
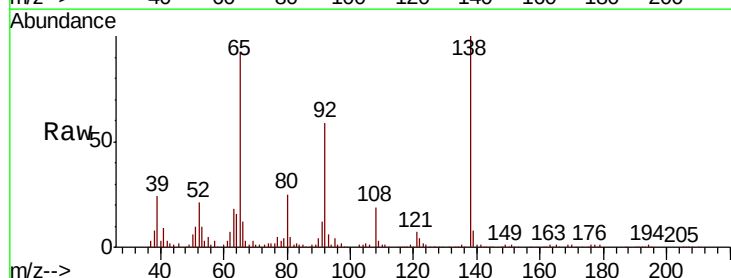
Manual Integrations
 APPROVED

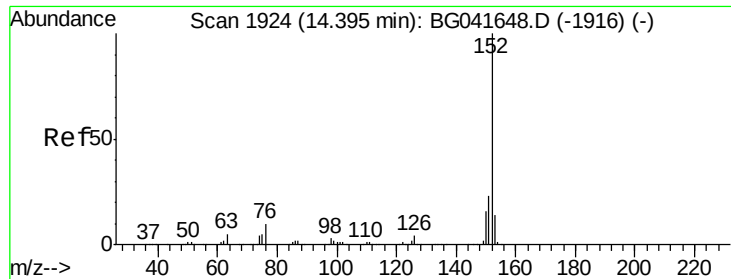
mohammad
 7/23/2019 4:24:05 PM



#48
 2-Nitroaniline
 Concen: 41.537 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BG041750.D
 Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.1	53.9	80.9
138	108.2	83.5	125.3





#49

Acenaphthylene

Concen: 41.651 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Instrument :

BNA_G

ClientSampleId :

GIS-BUILDING-2MSD

Tot Ion:152 Resp: 1002583

Ion Ratio Lower Upper

152 100

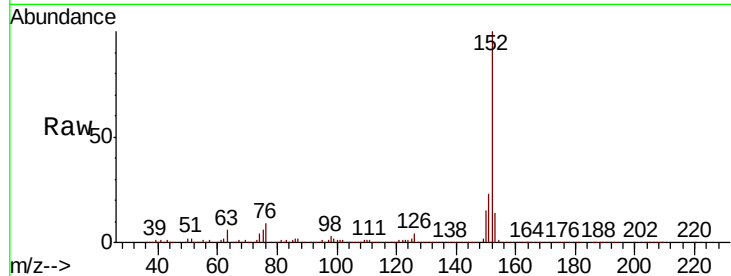
151 22.6 18.7 28.1

153 13.8 12.4 18.6

Manual Integrations
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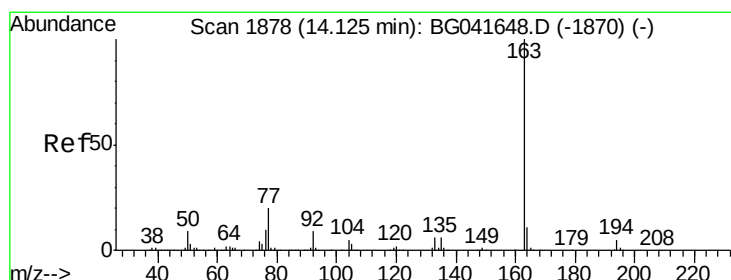
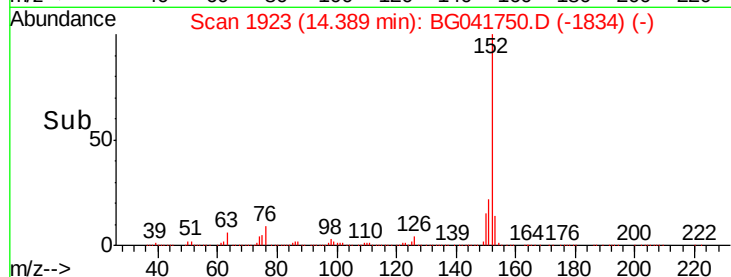
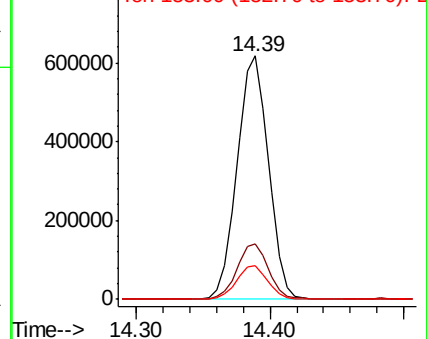


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.487 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

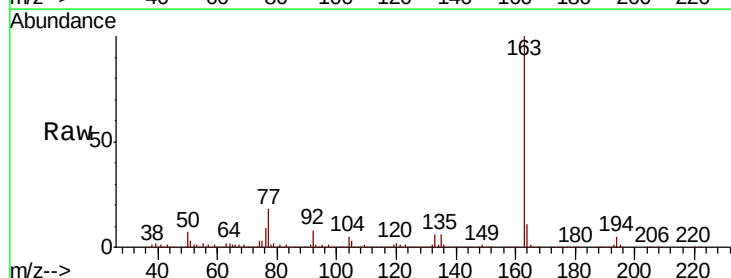
Tgt Ion:163 Resp: 901631

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

164 11.0 9.4 14.2

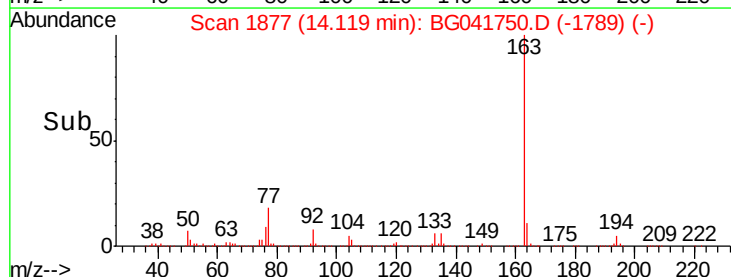
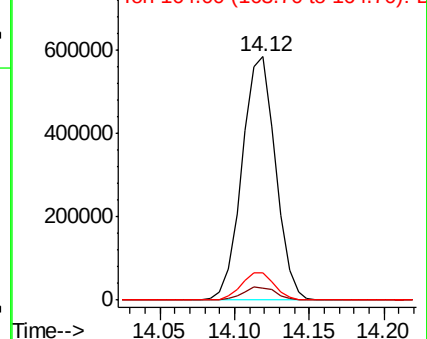


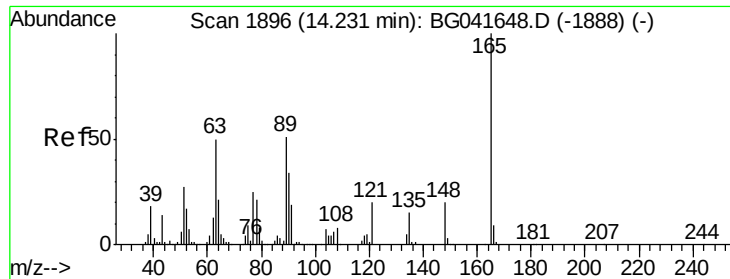
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





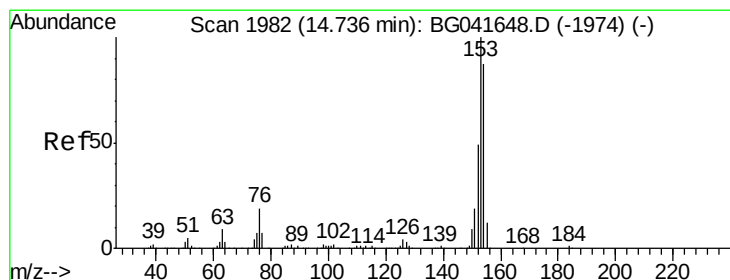
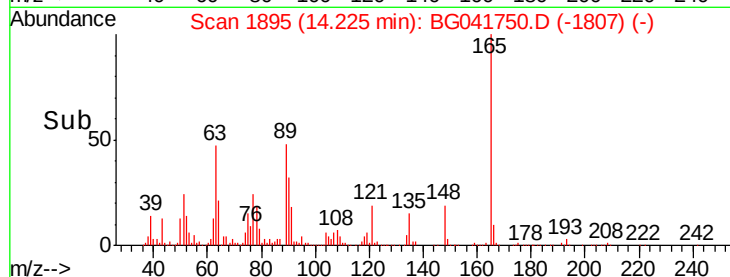
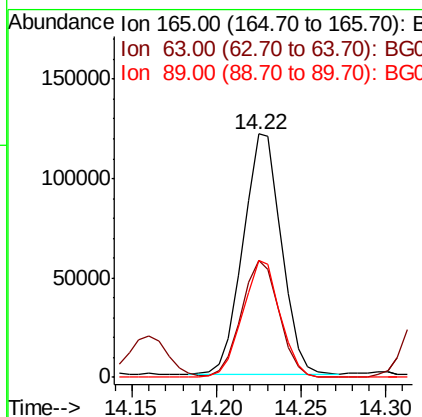
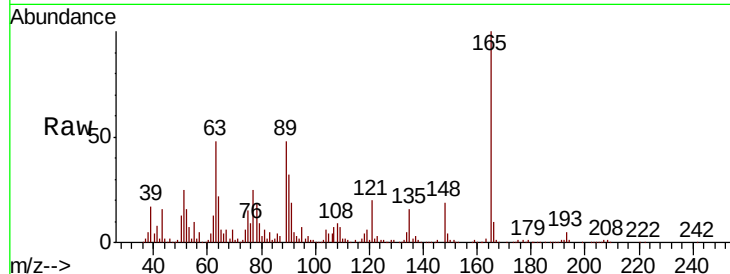
#51
2,6-Dinitrotoluene
Concen: 46.598 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.0	42.4	63.6
89	47.8	42.1	63.1

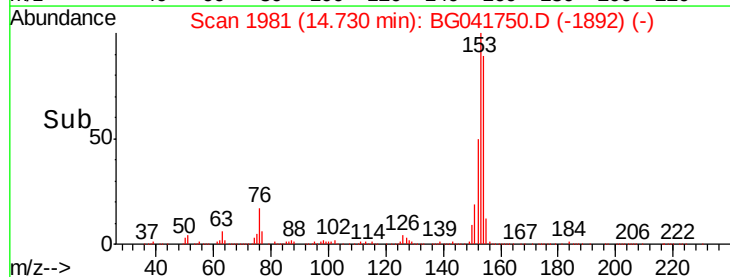
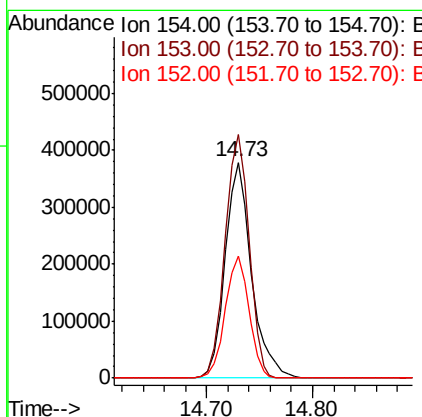
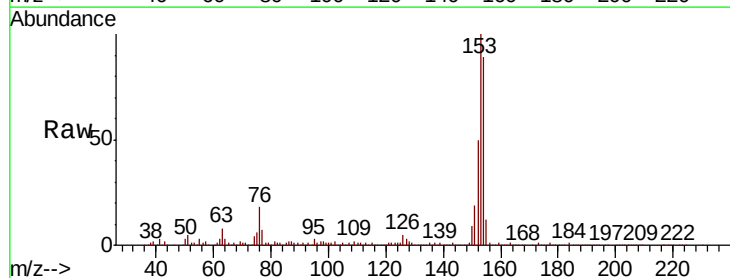
Manual Integrations
APPROVED

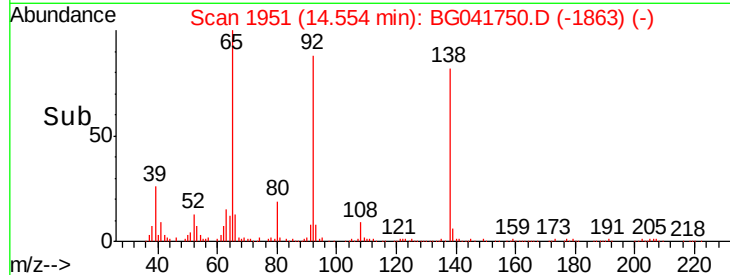
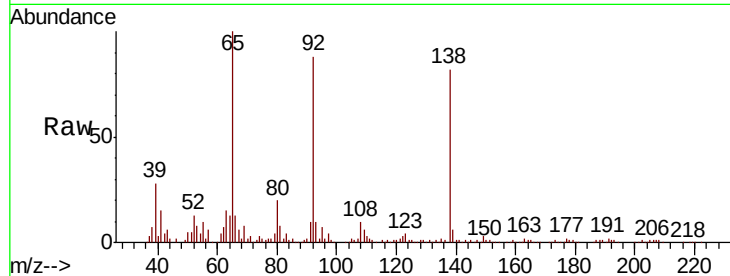
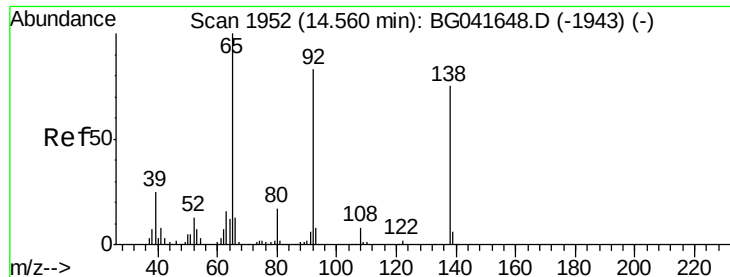
mohammad
7/23/2019 4:24:05 PM



#52
Acenaphthene
Concen: 42.887 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.8	134.6
152	56.7	44.9	67.3





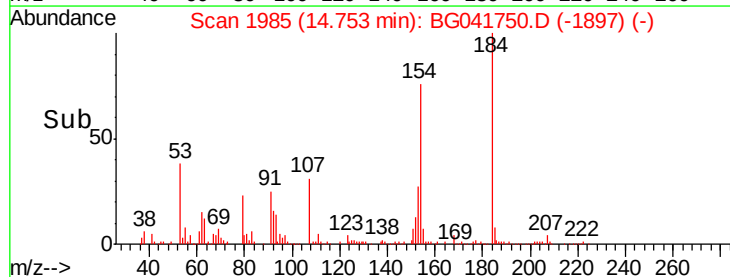
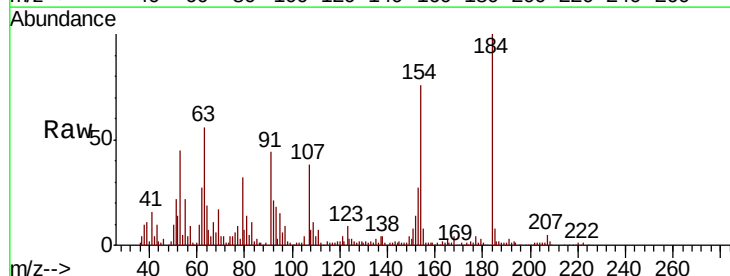
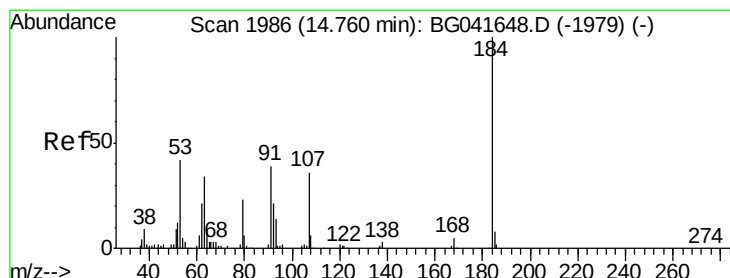
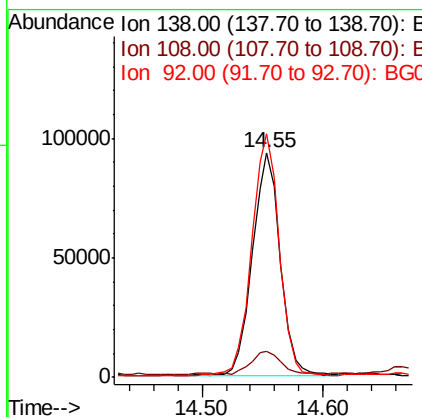
#53
3-Nitroaniline
Concen: 33.343 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	10.3	15.5
92	108.4	93.0	139.4

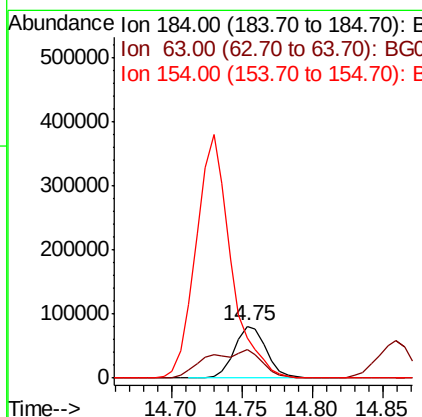
Manual Integrations
APPROVED

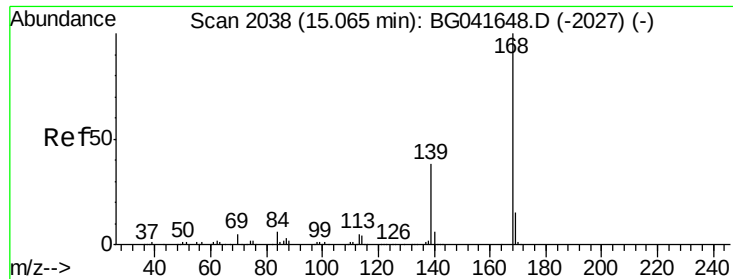
mohammad
7/23/2019 4:24:05 PM



#54
2,4-Dinitrophenol
Concen: 63.332 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.7	43.2	64.8
154	75.9	51.4	77.2





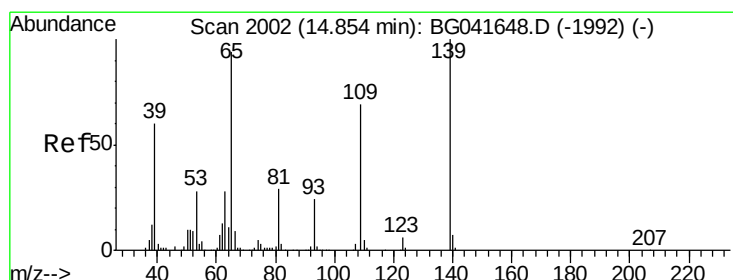
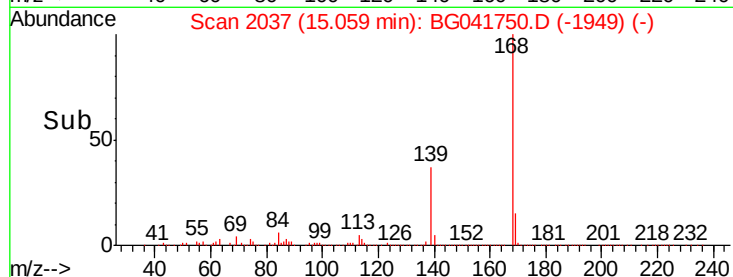
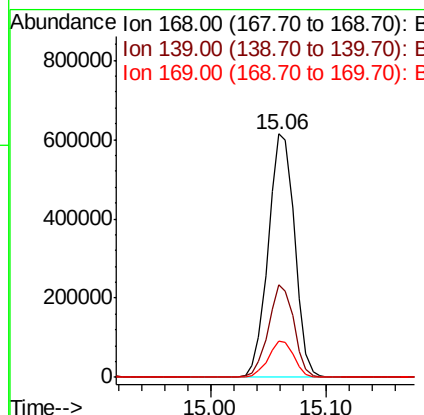
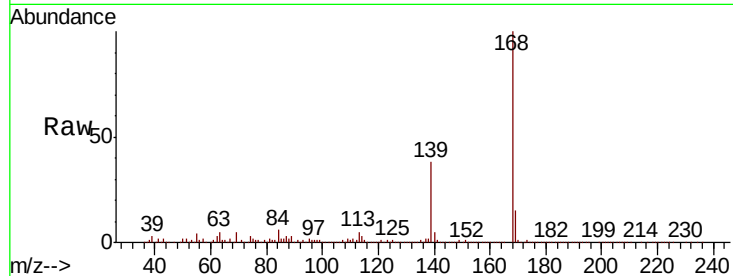
#55
Dibenzenofuran
Concen: 43.076 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	31.9	47.9
169	14.8	12.5	18.7

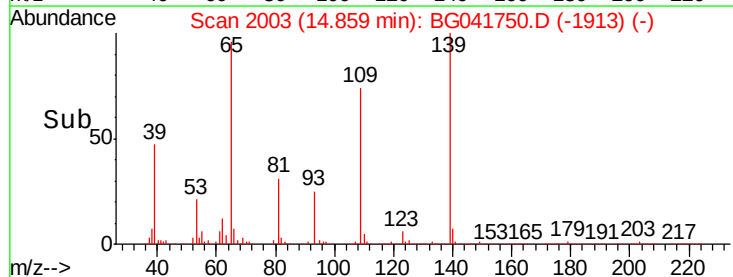
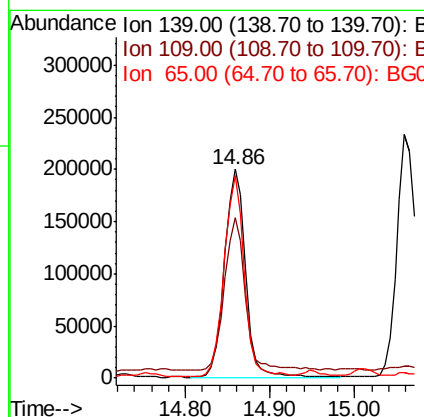
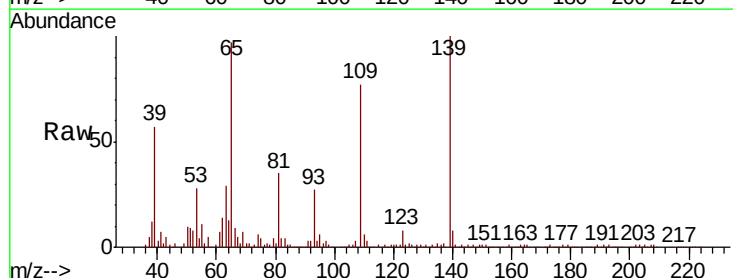
Manual Integrations
APPROVED

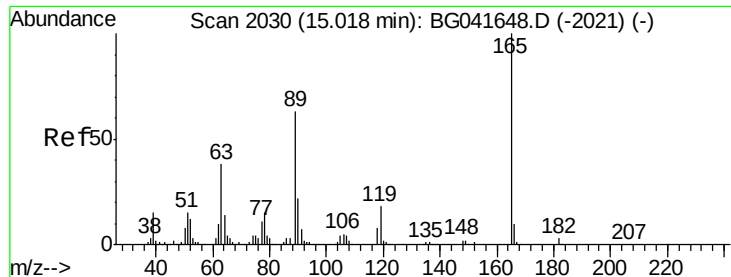
mohammad
7/23/2019 4:24:05 PM



#56
4-Nitrophenol
Concen: 93.746 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.9	51.3	91.3
65	97.3	77.6	117.6





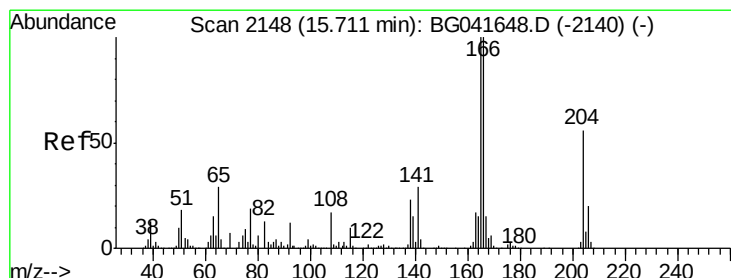
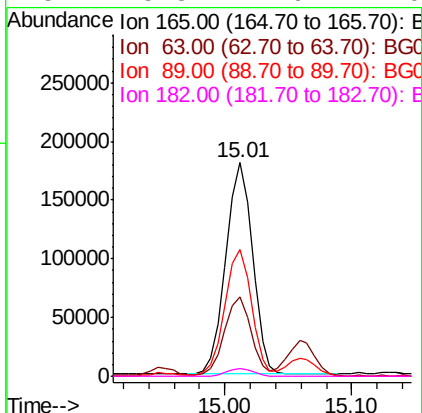
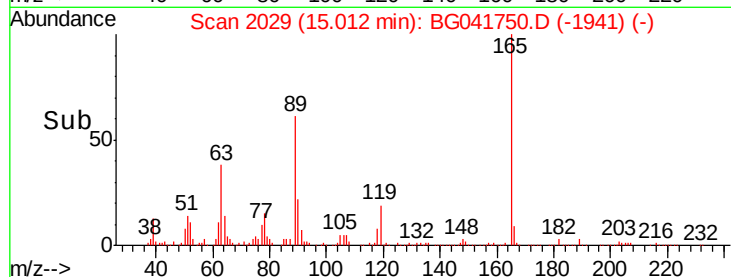
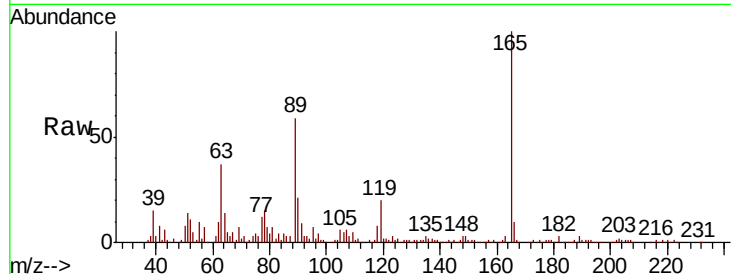
#57
2,4-Dinitrotoluene
Concen: 48.612 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

Tot Ion:	165	Resp:	264360
Ion Ratio	Lower	Upper	
165	100		
63	37.1	31.7	47.5
89	59.5	50.2	75.4
182	3.3	2.6	4.0

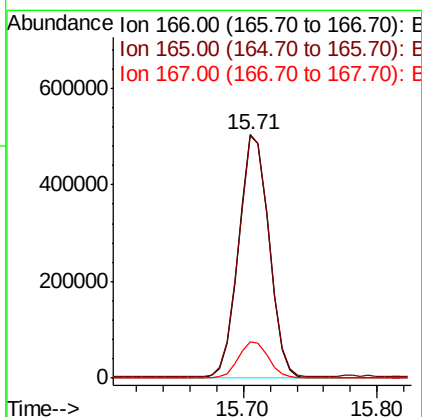
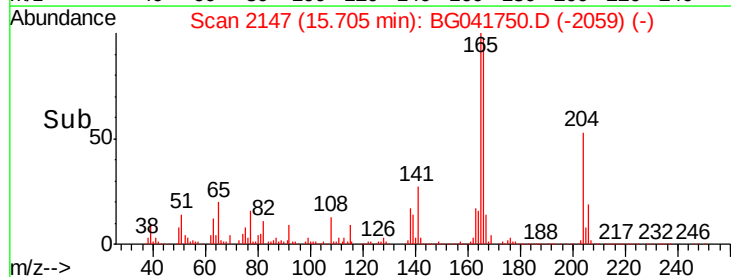
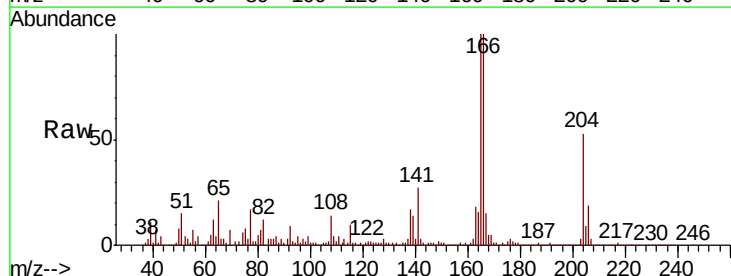
Manual Integrations
APPROVED

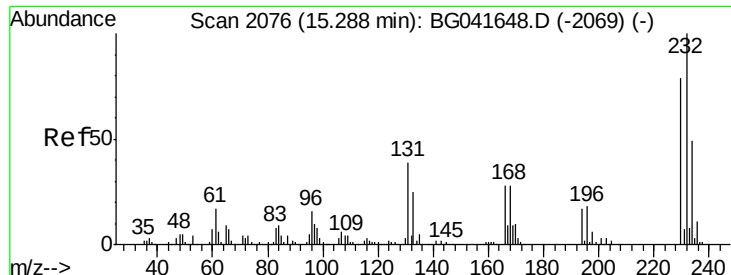
mohammad
7/23/2019 4:24:05 PM



#58
Fluorene
Concen: 42.442 ng
RT: 15.71 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tgt Ion:	166	Resp:	786103
Ion Ratio	Lower	Upper	
166	100		
165	99.6	80.5	120.7
167	14.7	12.4	18.6





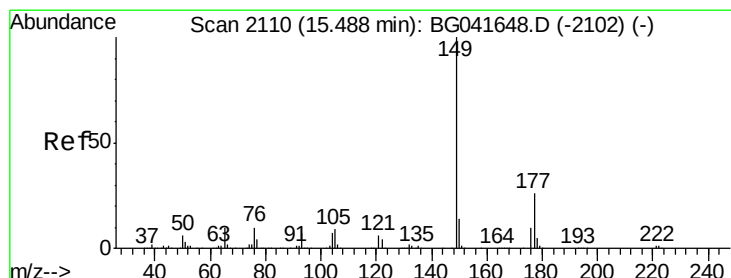
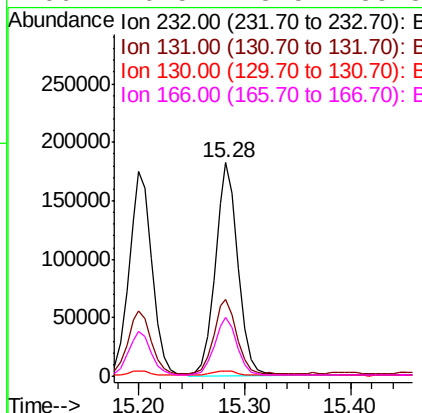
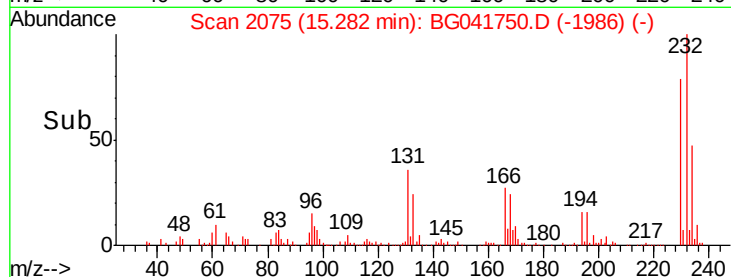
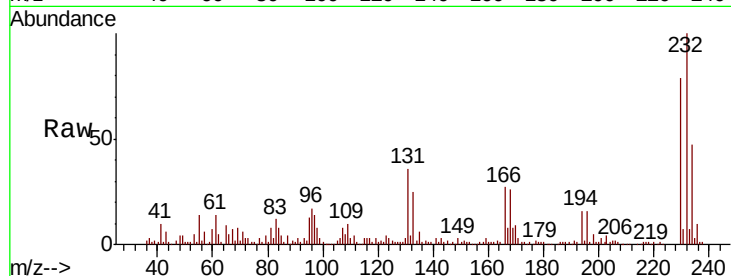
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.115 ng
RT: 15.28 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	34.9	31.8	47.6
130	2.5	1.8	2.8
166	26.5	23.5	35.3

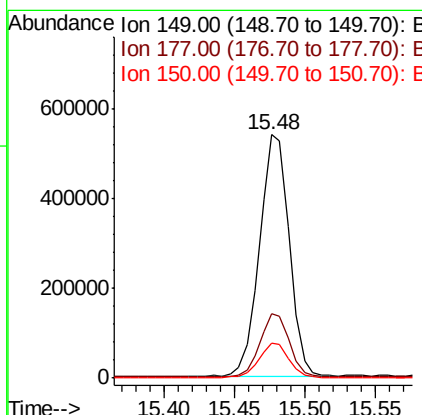
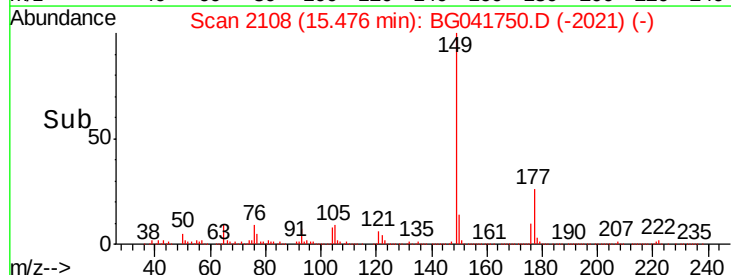
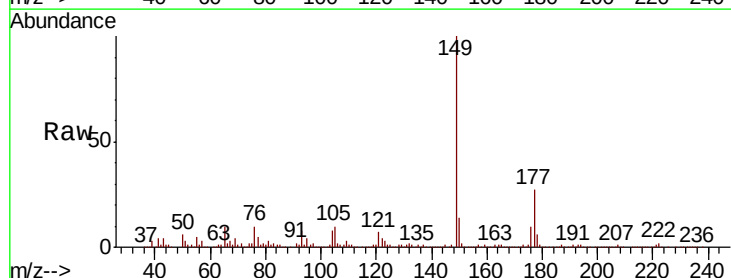
Manual Integrations
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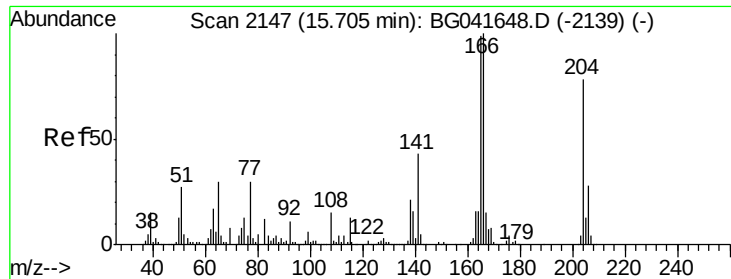
mohammad
7/23/2019 4:24:05 PM



#60
Diethylphthalate
Concen: 40.970 ng
RT: 15.48 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.6	20.7	31.1
150	14.2	11.5	17.3





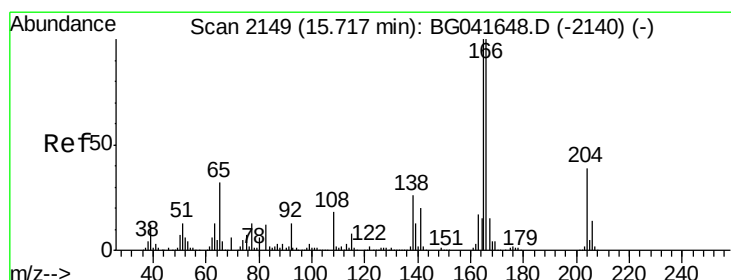
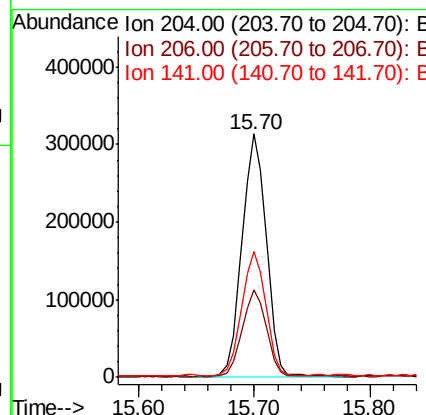
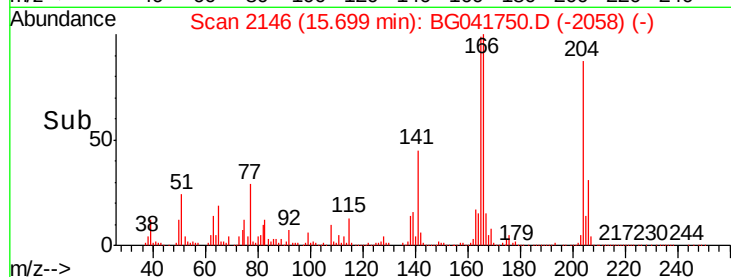
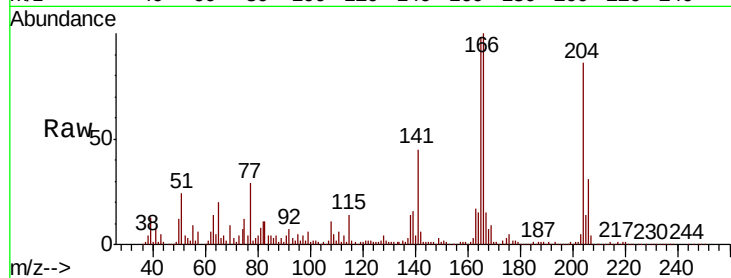
#61
4-Chlorophenyl-phenylether
Concen: 43.608 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	35.7	28.6	42.8	
141	51.9	42.9	64.3	

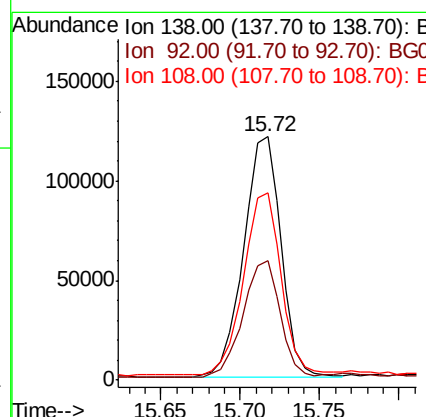
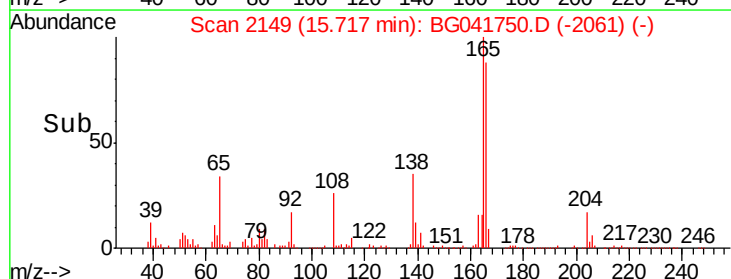
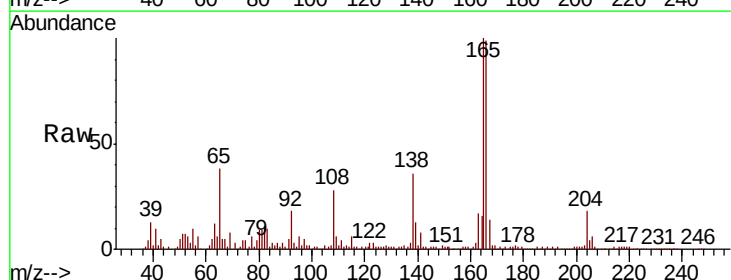
Manual Integrations
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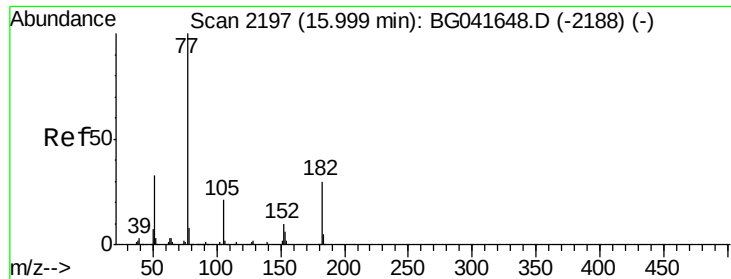
mohammad
7/23/2019 4:24:05 PM



#62
4-Nitroaniline
Concen: 41.571 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	49.2	29.8	69.8	
108	77.1	52.2	92.2	





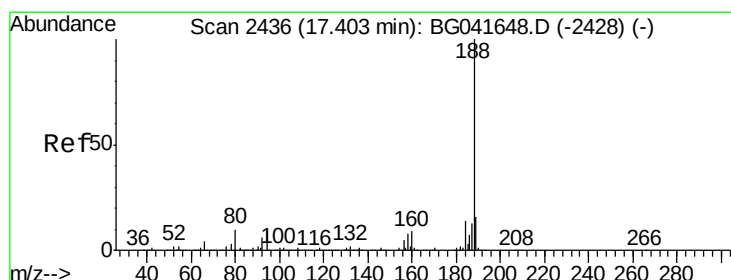
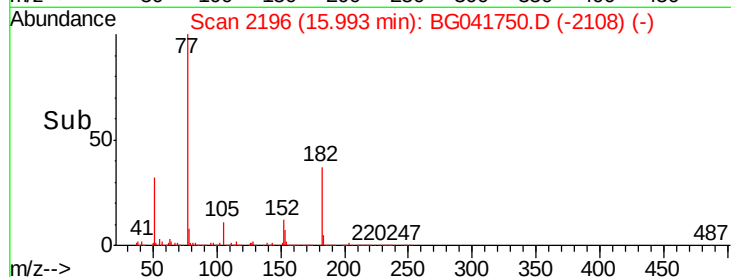
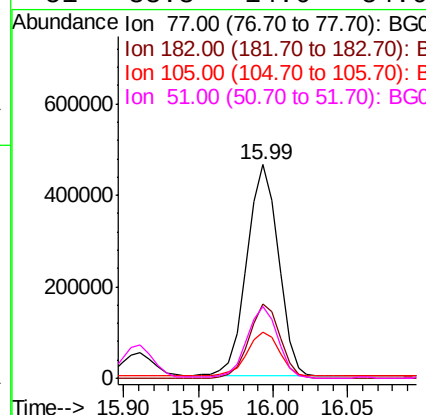
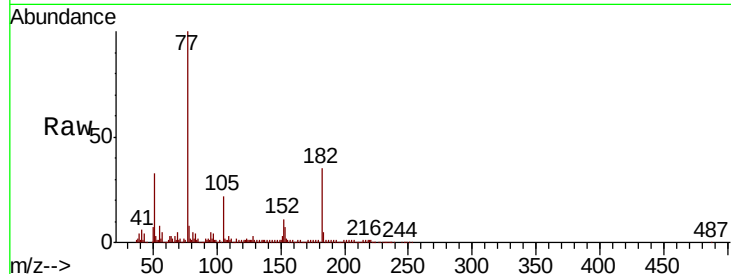
#63
Azobenzene
Concen: 37.912 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	35.1	13.2	53.2		
105	21.7	2.2	42.2		
51	33.3	14.6	54.6		

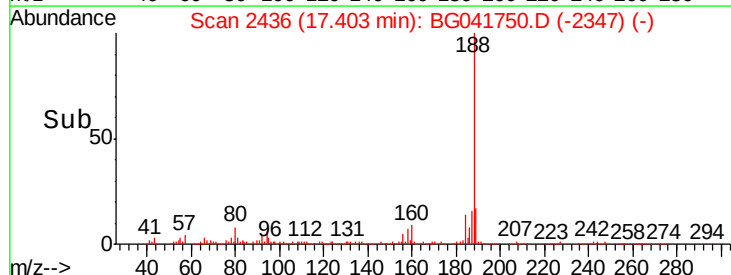
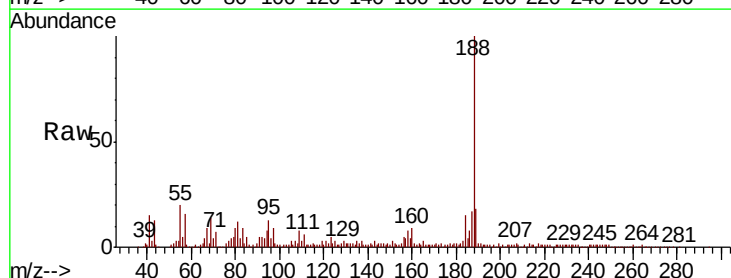
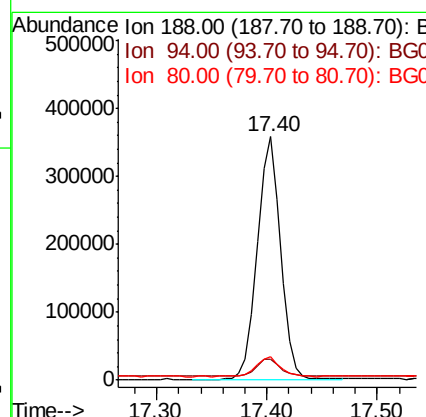
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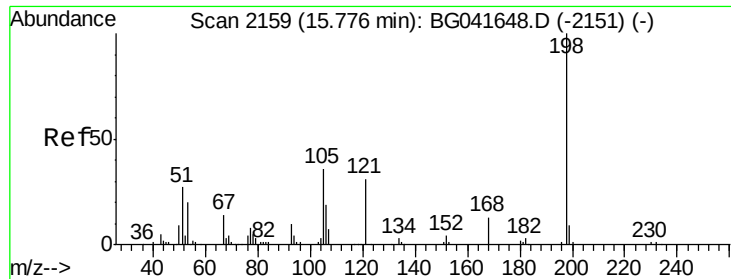
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.3	6.9	10.3		
80	9.4	8.0	12.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 55.392 ng

RT: 15.78 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Instrument :

BNA_G

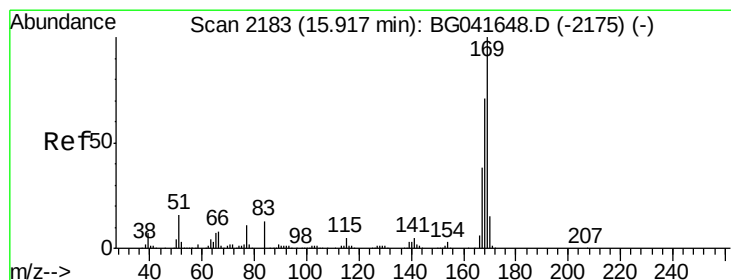
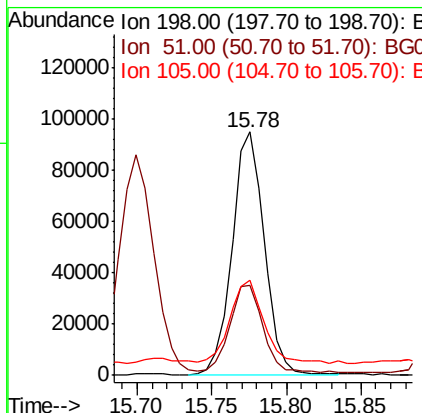
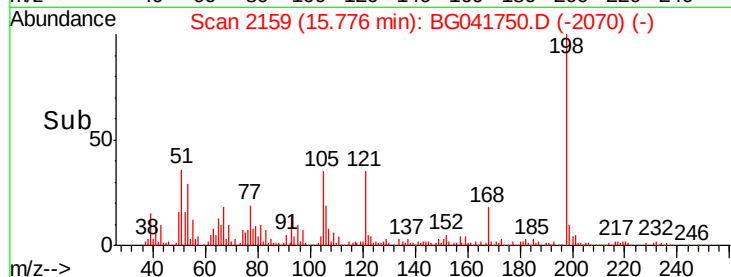
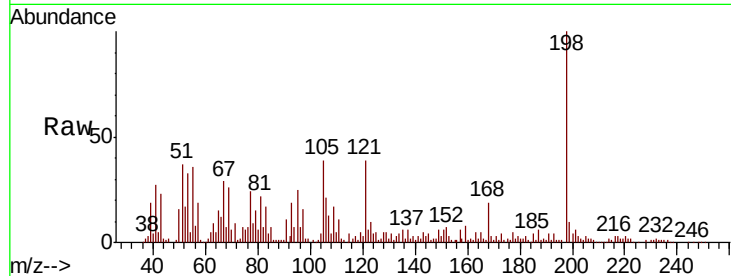
ClientSampleId :

GIS-BUILDING-2MSD

Tot Ion:	198	Resp:	141575
Ion Ratio	Lower	Upper	
198	100		
51	37.2	22.3	62.3
105	39.2	18.0	58.0

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 47.471 ng

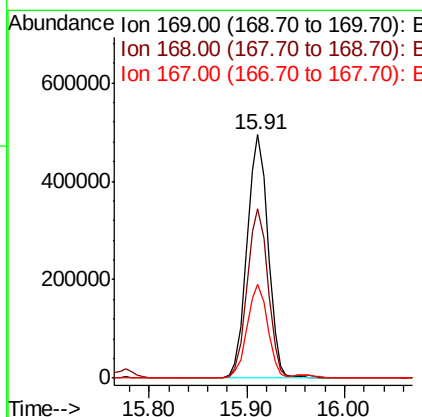
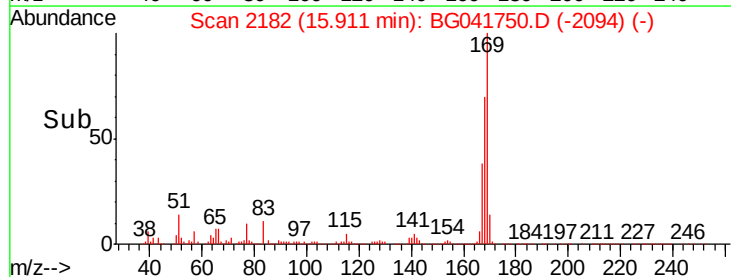
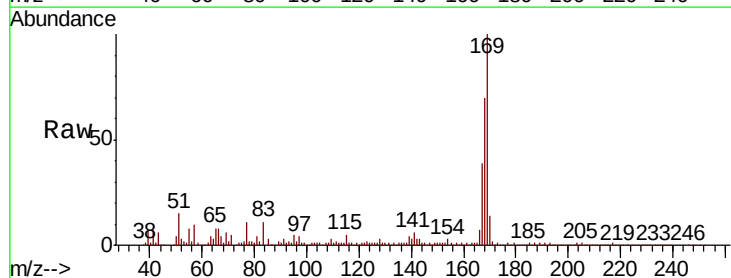
RT: 15.91 min Scan# 2182

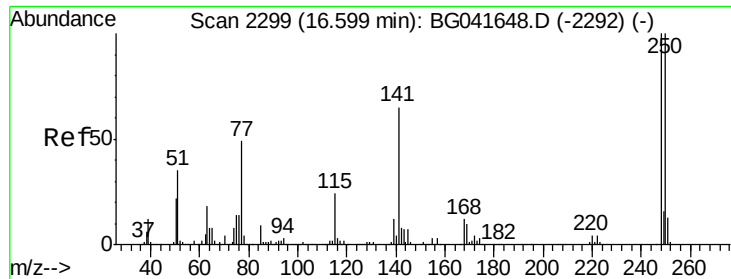
Delta R.T. -0.01 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Tgt Ion:	169	Resp:	734726
Ion Ratio	Lower	Upper	
169	100		
168	69.6	56.9	85.3
167	38.5	31.5	47.3





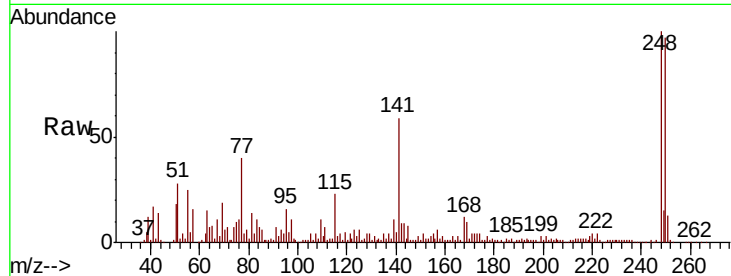
#67
4-Bromophenyl-phenylether
Concen: 49.022 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.1	117.1
141	58.7	49.6	74.4

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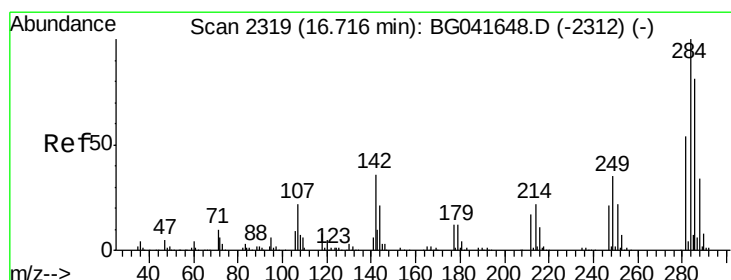
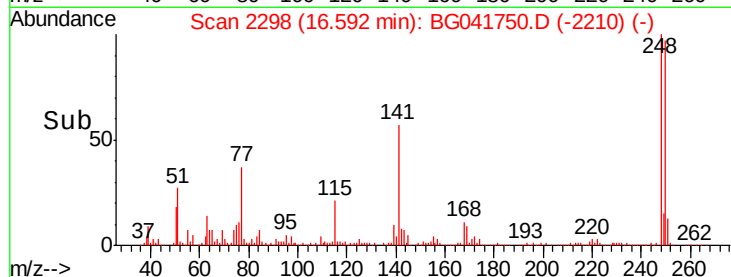
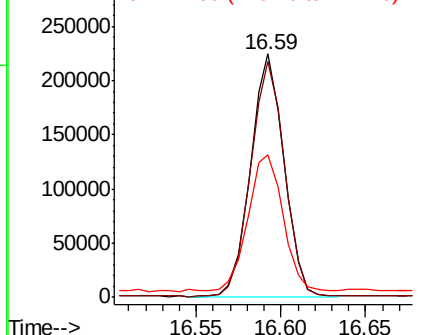


Abundance

Ion 248.00 (247.70 to 248.70): E

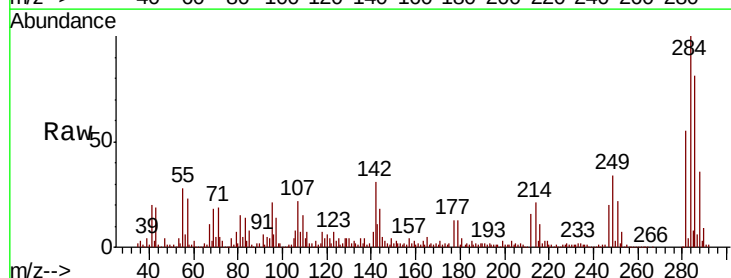
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 48.913 ng
RT: 16.72 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.4	27.0	40.6
249	34.2	28.4	42.6

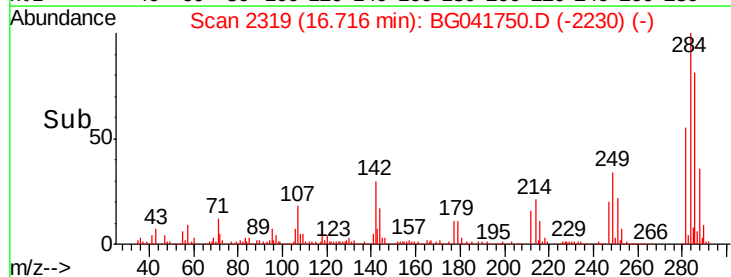
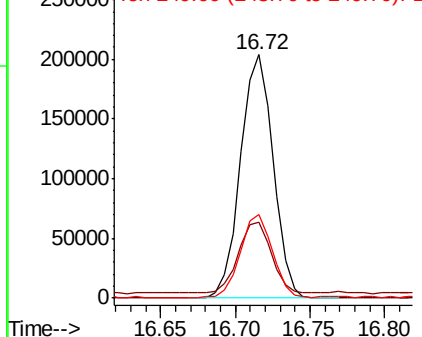


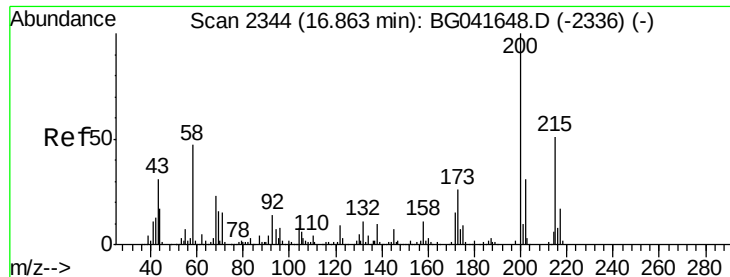
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





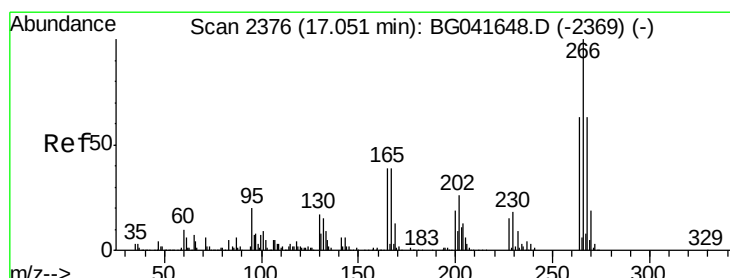
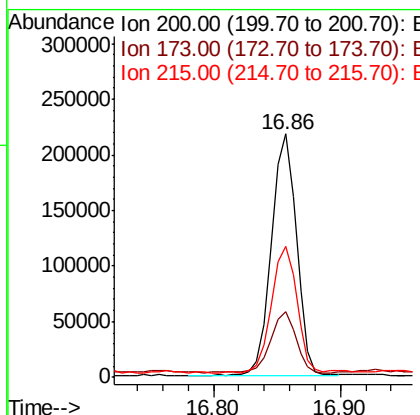
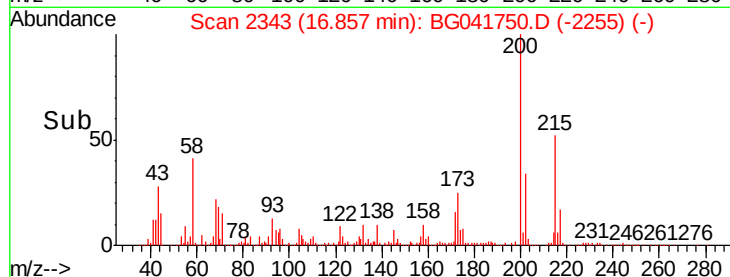
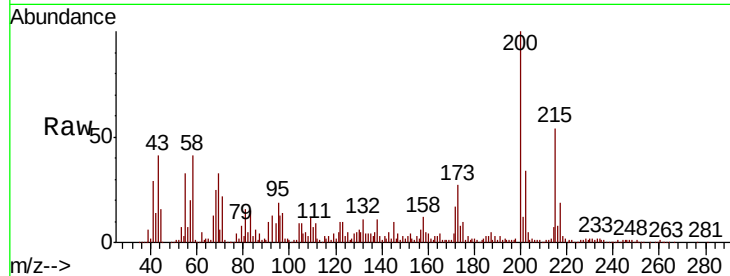
#69
 Atrazine
 Concen: 53.613 ng
 RT: 16.86 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG041750.D
 Acq: 22 Jul 2019 15:22

Instrument :
 BNA_G
 ClientSampleId :
 GIS-BUILDING-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	301127		
173	27.0	5.3	45.3	
215	53.6	31.8	71.8	

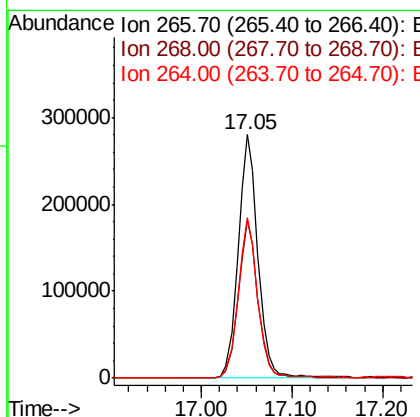
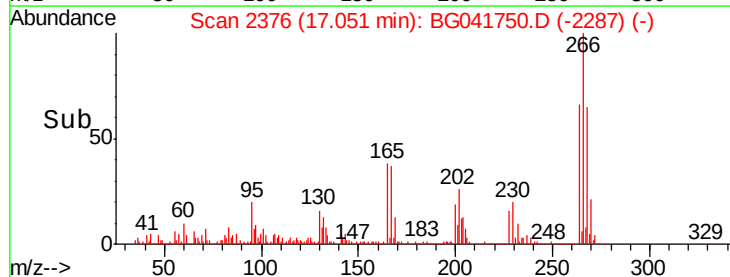
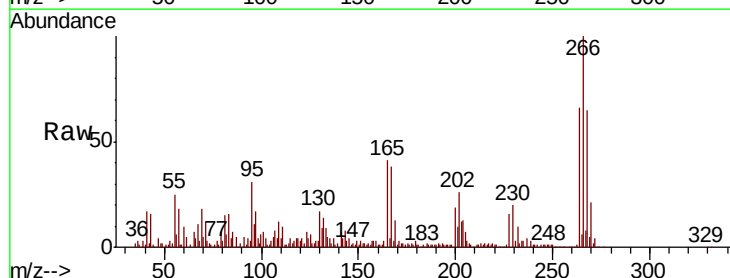
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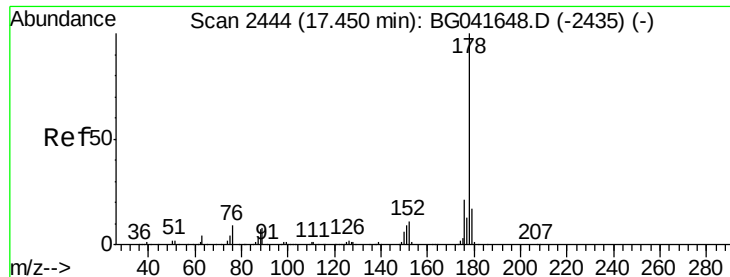
mohammad
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#70
 Pentachlorophenol
 Concen: 107.228 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BG041750.D
 Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	423392		
268	64.9	52.9	79.3	
264	65.8	51.4	77.2	





#71

Phenanthrene

Concen: 47.330 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Instrument :

BNA_G

ClientSampleId :

GIS-BUILDING-2MSD

Tot Ion:178 Resp: 1256232

Ion Ratio Lower Upper

178 100

176 23.0 18.6 28.0

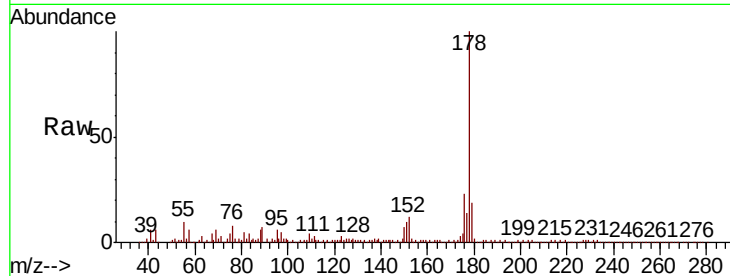
179 18.8 15.4 23.0

Manual Integrations

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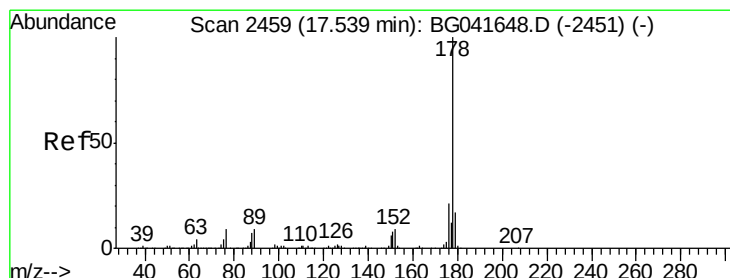
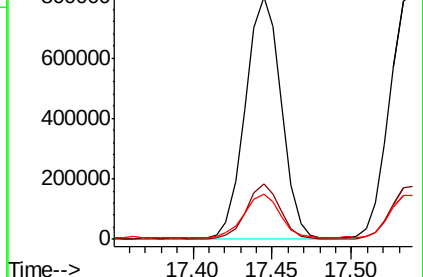
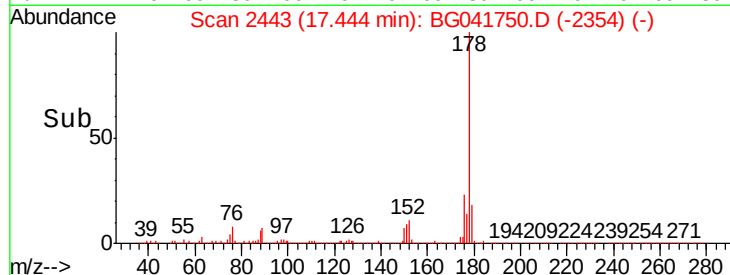
7/23/2019 4:24:05 PM



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: 48.833 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

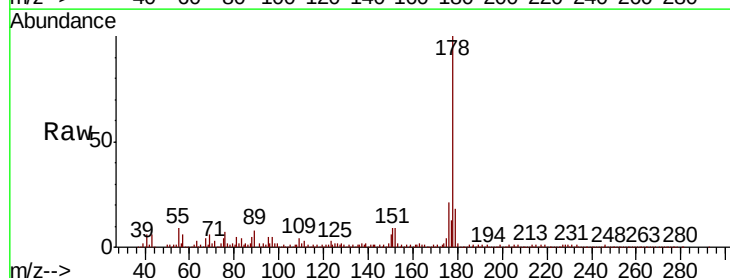
Tgt Ion:178 Resp: 1291974

Ion Ratio Lower Upper

178 100

176 21.5 18.6 28.0

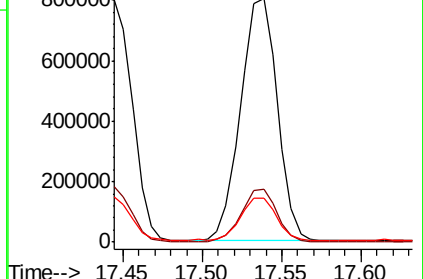
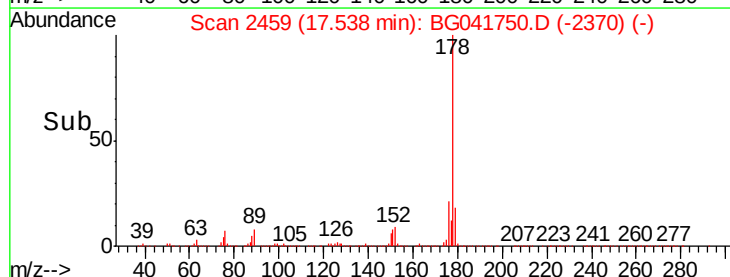
179 18.2 15.1 22.7

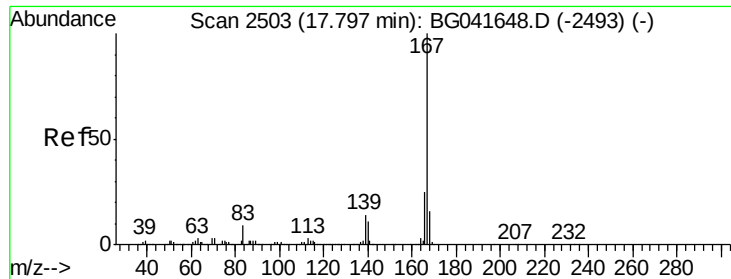


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





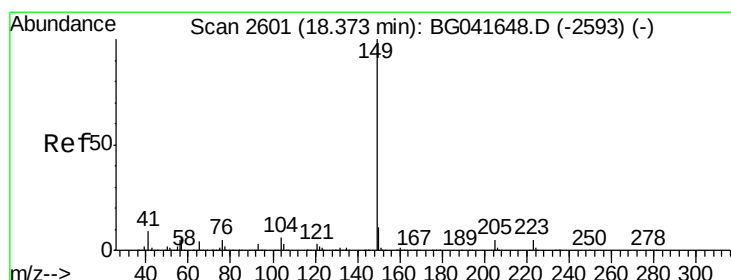
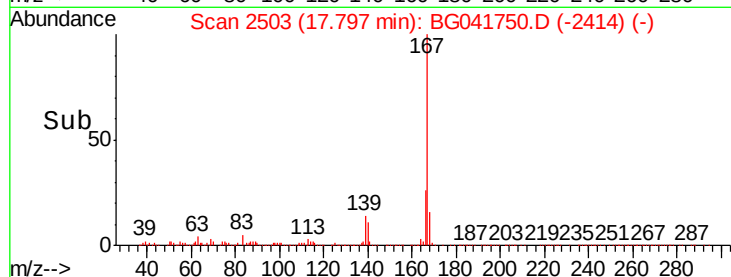
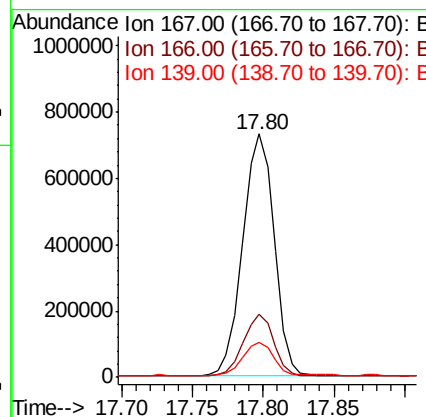
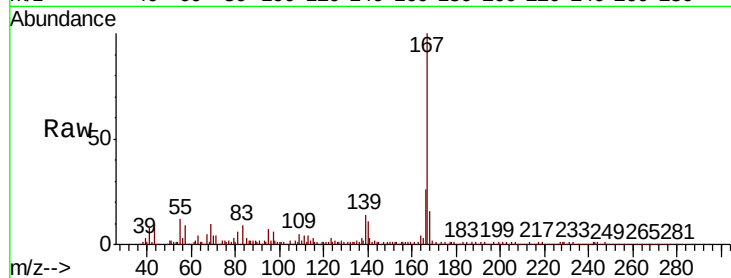
#73
 Carbazole
 Concen: 46.509 ng
 RT: 17.80 min Scan# 2503
 Delta R.T. -0.00 min
 Lab File: BG041750.D
 Acq: 22 Jul 2019 15:22

Instrument :
 BNA_G
 ClientSampleId :
 GIS-BUILDING-2MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.1	21.4	32.2
139	14.2	12.1	18.1

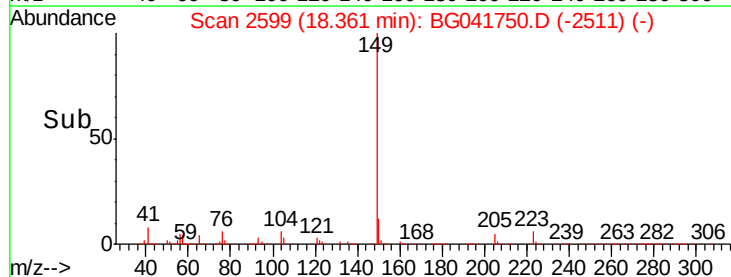
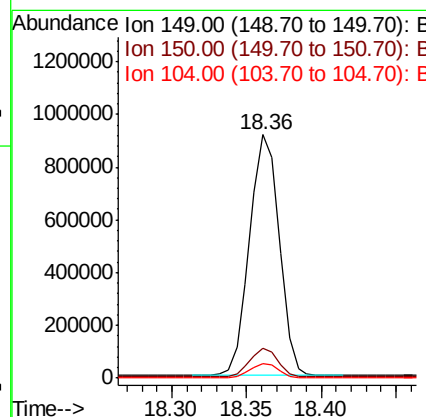
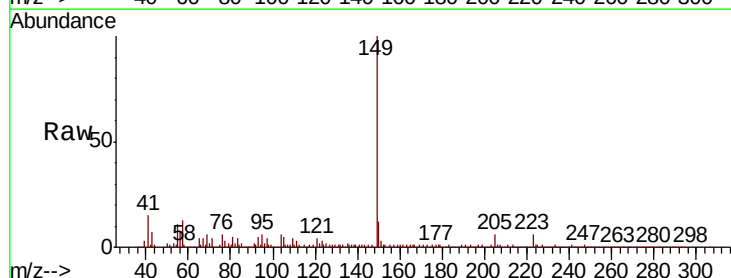
Manual Integrations
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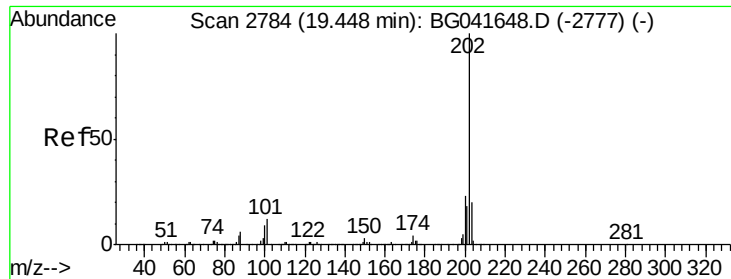
mohammad
 7/23/2019 4:24:05 PM



#74
 Di-n-butylphthalate
 Concen: 41.850 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.01 min
 Lab File: BG041750.D
 Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.2	10.2	15.2
104	6.1	5.3	7.9





#75

Fluoranthene

Concen: 45.870 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Instrument :

BNA_G

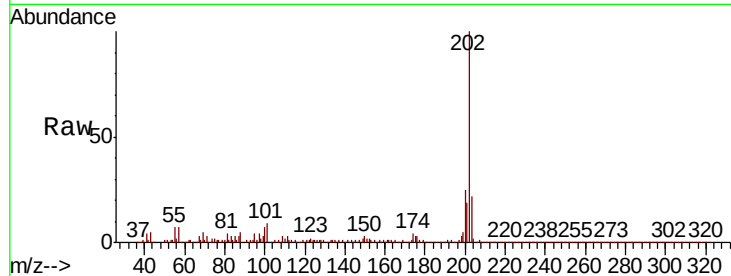
ClientSampleId :

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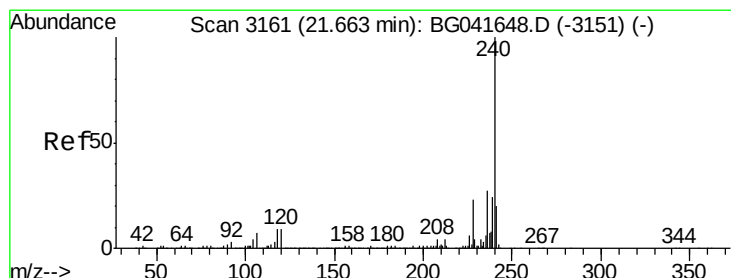
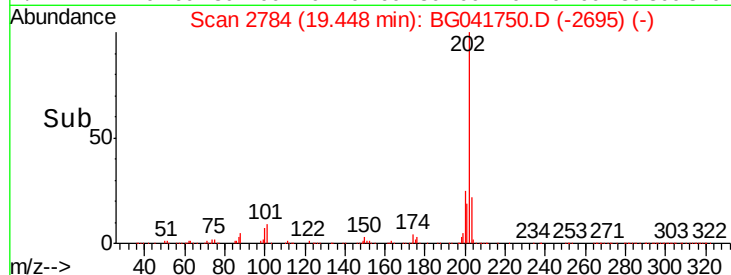
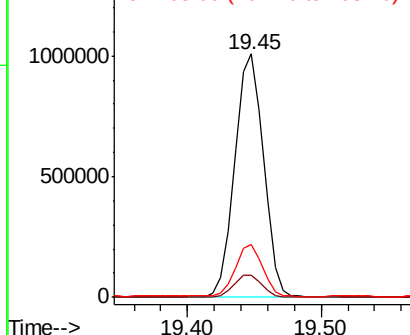
Tot Ion:	202	Resp:	1494975
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	32.8
203	22.0	3.7	43.7

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

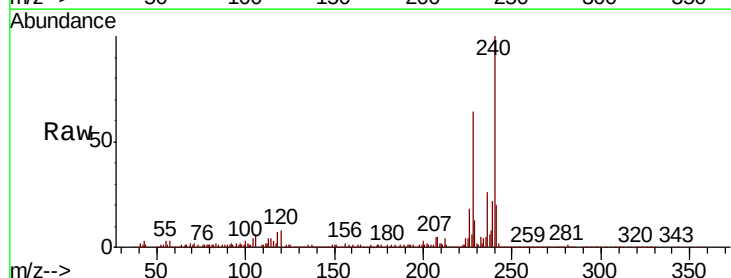
RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

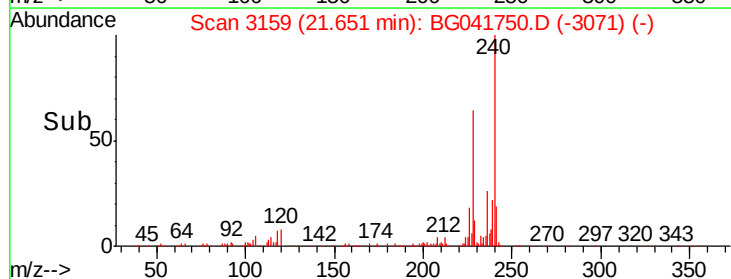
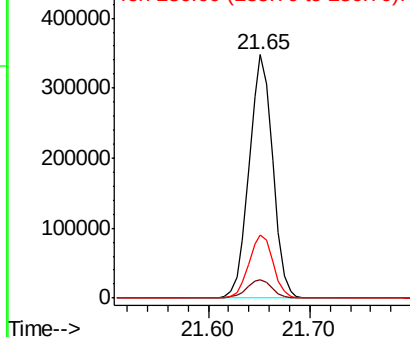
Lab File: BG041750.D

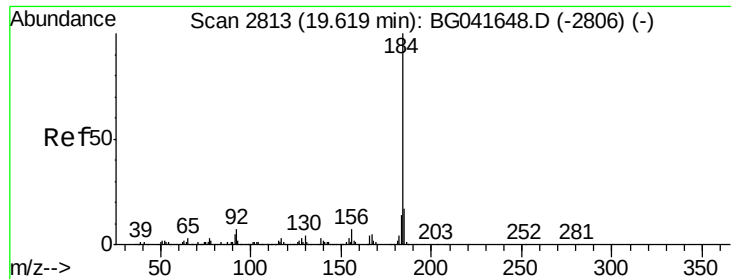
Acq: 22 Jul 2019 15:22

Tgt Ion:	240	Resp:	559093
Ion Ratio	Lower	Upper	
240	100		
120	7.7	8.0	12.0#
236	26.1	22.6	33.8



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





#77

Benzidine

Concen: 41.789 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Instrument :

BNA_G

ClientSampleId :

GIS-BUILDING-2MSD

Tot Ion:184 Resp: 813780

Ion Ratio Lower Upper

184 100

185 15.5 13.0 19.4

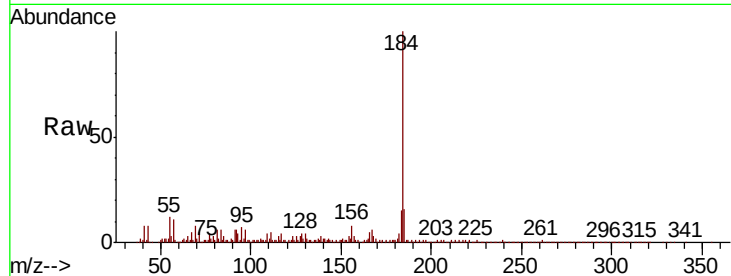
183 15.3 11.8 17.6

Manual Integrations

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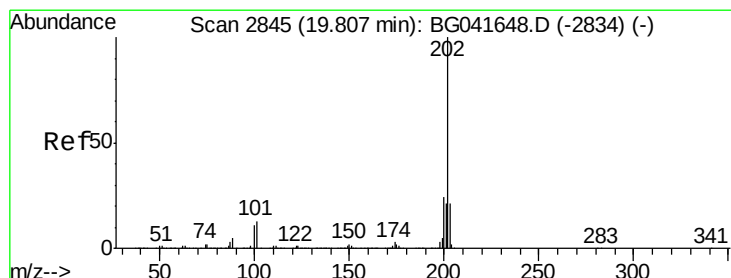
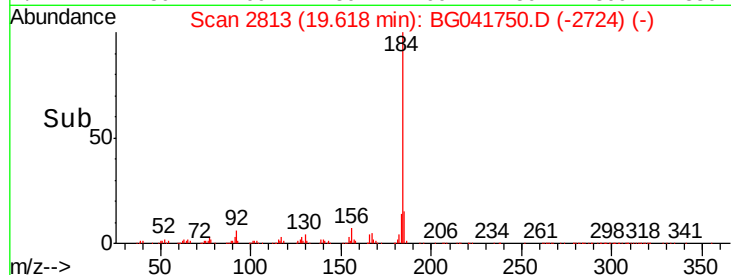
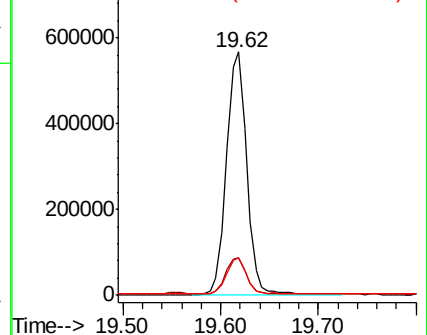
7/23/2019 4:24:05 PM



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: 40.633 ng

RT: 19.81 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

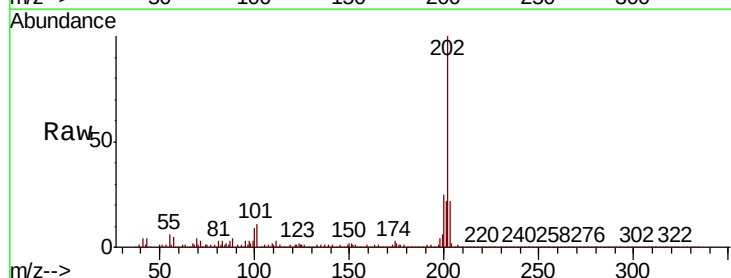
Tgt Ion:202 Resp: 1536475

Ion Ratio Lower Upper

202 100

200 25.0 22.2 33.2

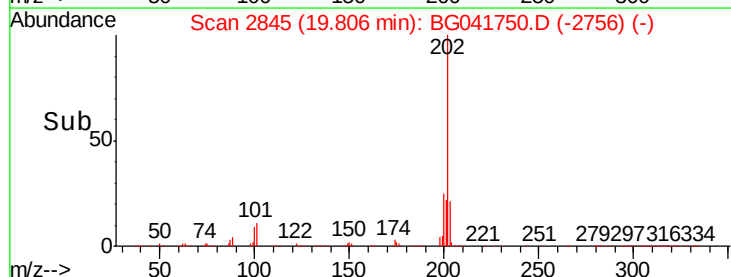
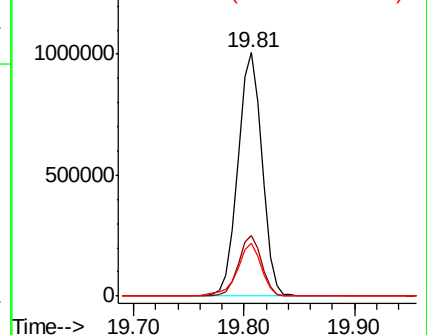
203 21.5 18.9 28.3

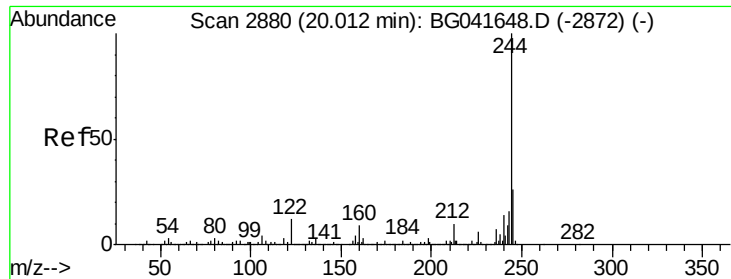


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.669 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Instrument :

BNA_G

ClientSampleId :

GIS-BUILDING-2MSD

Tot Ion:244 Resp: 2121380

Ion Ratio Lower Upper

244 100

212 10.5 9.7 14.5

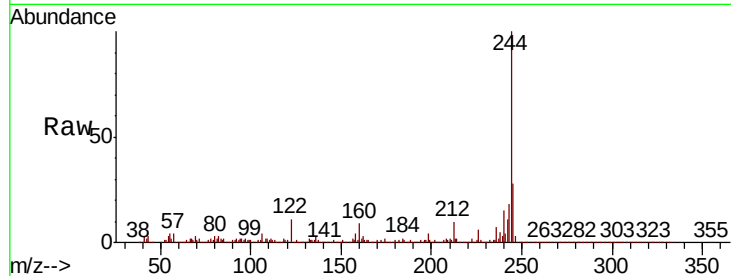
122 10.6 12.5 18.7#

Manual Integrations

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mohammad

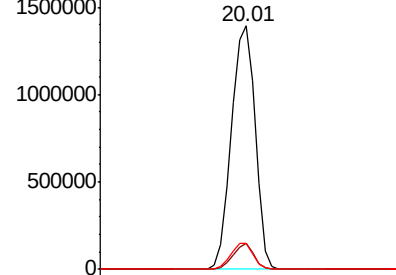
7/23/2019 4:24:05 PM



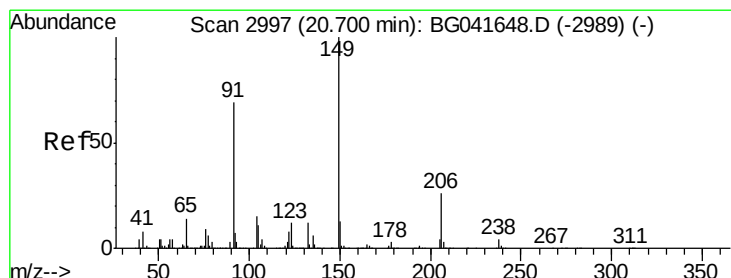
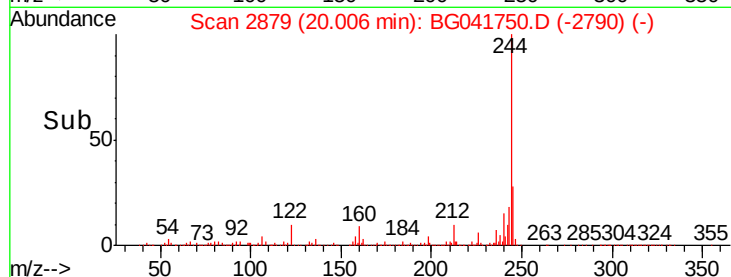
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 39.295 ng

RT: 20.69 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

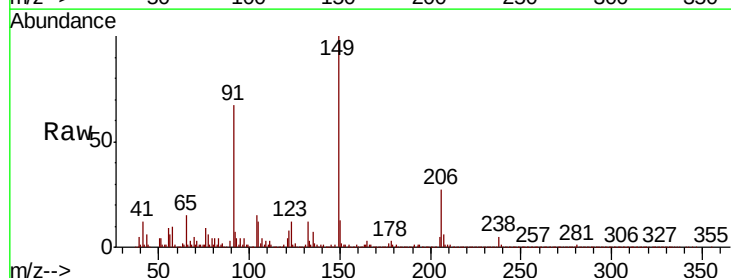
Tgt Ion:149 Resp: 617447

Ion Ratio Lower Upper

149 100

91 66.8 58.9 88.3

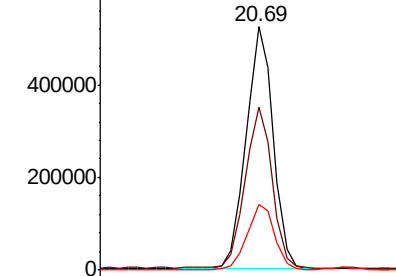
206 27.0 20.8 31.2



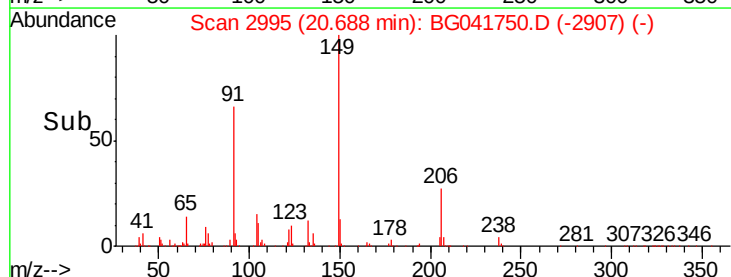
Abundance Ion 149.00 (148.70 to 149.70): E

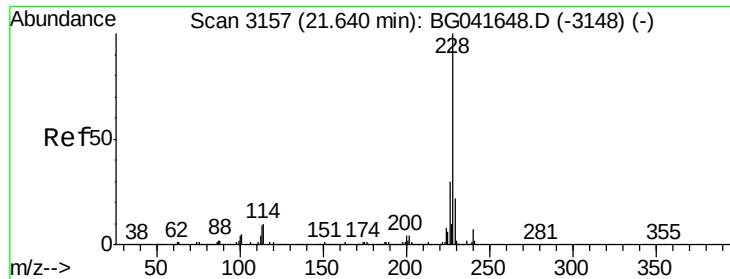
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



Time-->





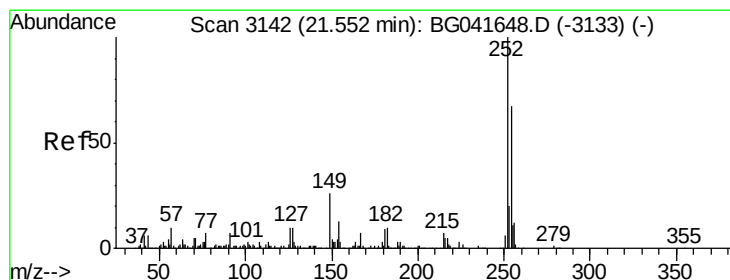
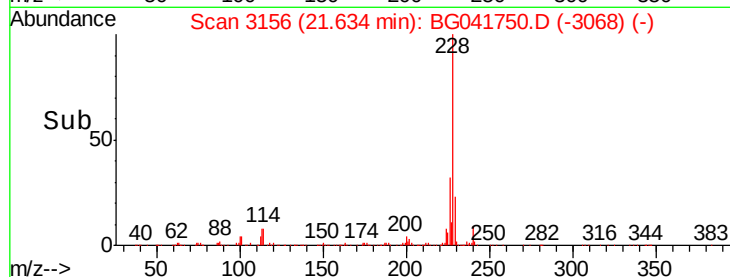
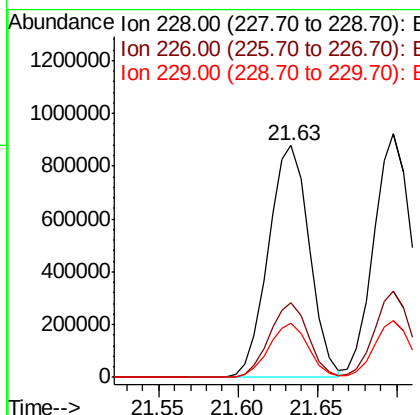
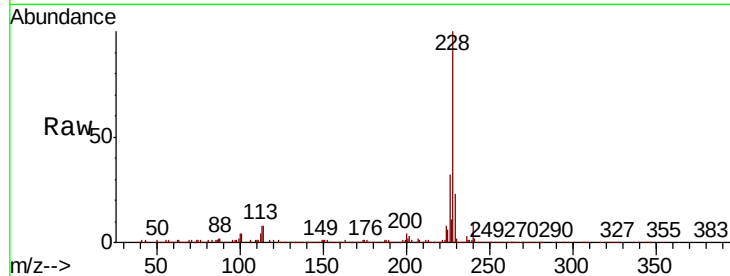
#81
Benzo(a)anthracene
Concen: 43.579 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	27.3	40.9
229	23.3	19.7	29.5

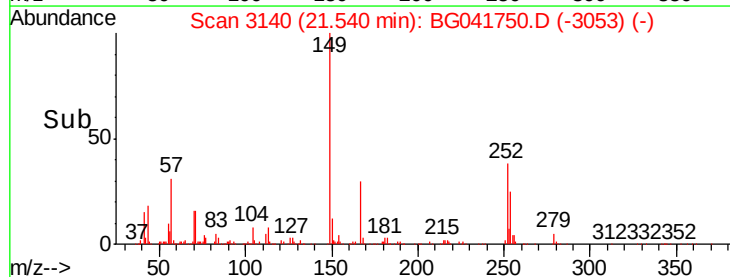
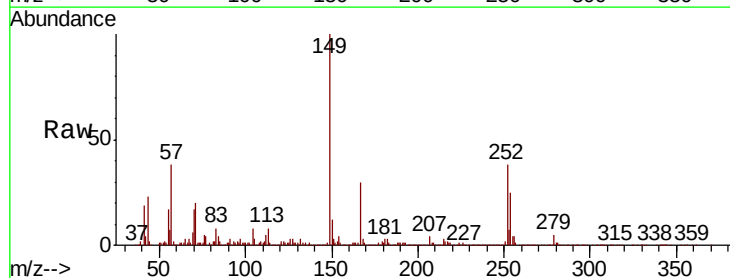
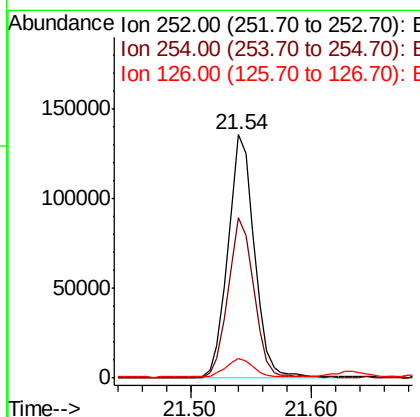
Manual Integrations
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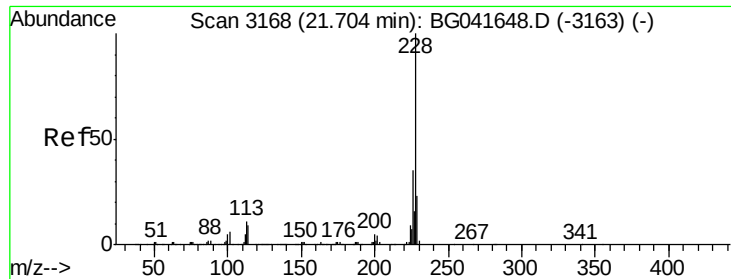
mohammad
7/23/2019 4:24:05 PM



#82
3,3'-Dichlorobenzidine
Concen: 14.518 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.02 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	53.8	80.6
126	8.2	7.8	11.8





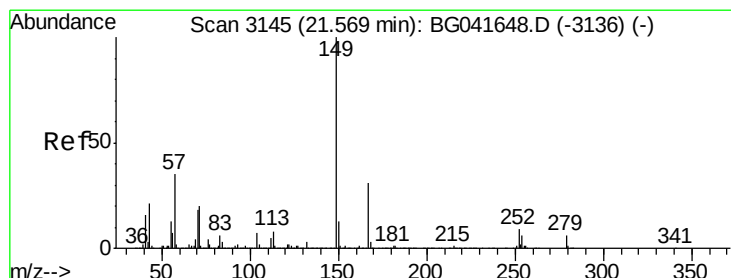
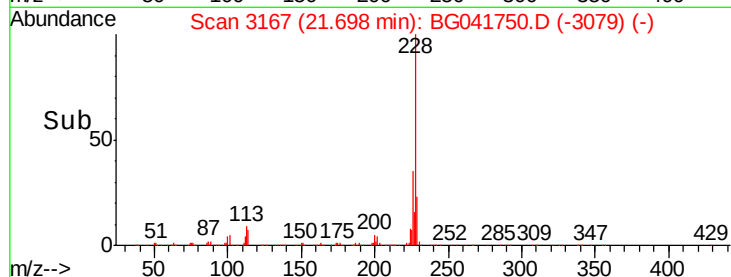
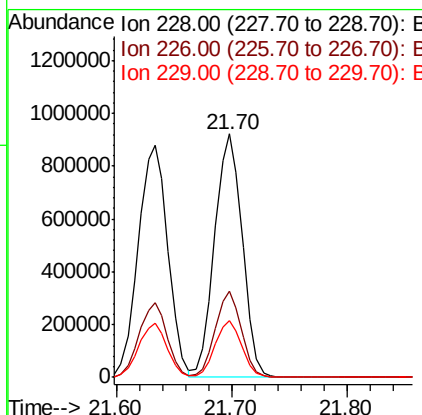
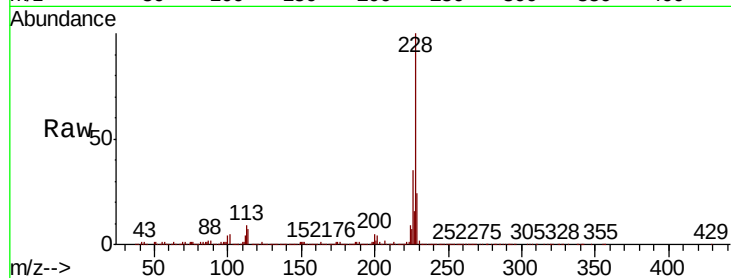
#83
Chrysene
Concen: 44.207 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.2	30.1	45.1
229	23.5	19.8	29.6

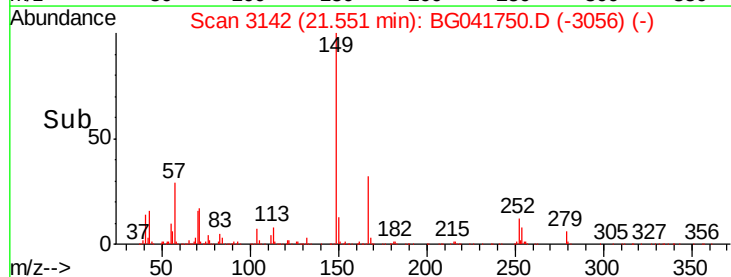
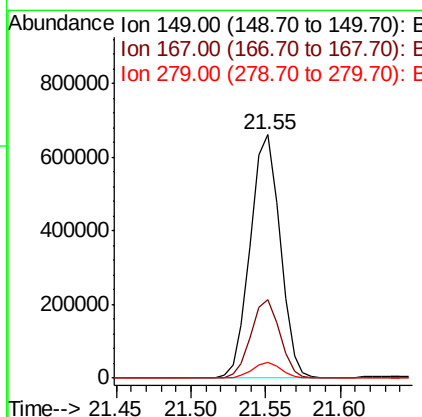
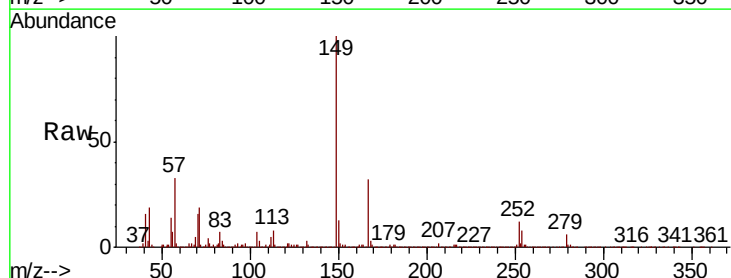
Manual Integrations
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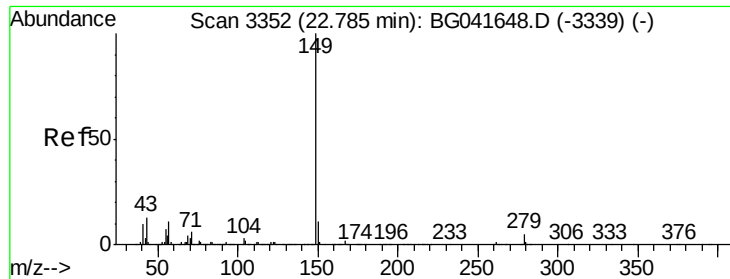
mohammad
7/23/2019 4:24:05 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.866 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.02 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.2	27.0	40.4
279	6.4	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 41.303 ng

RT: 22.76 min Scan# 3347

Delta R.T. -0.03 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Instrument :

BNA_G

ClientSampleId :

GIS-BUILDING-2MSD

Tot Ion:149 Resp: 1560494

Ion Ratio Lower Upper

149 100

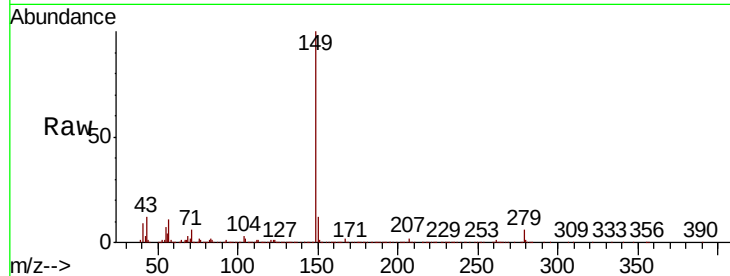
167 1.9 1.6 2.4

43 11.1 10.6 16.0

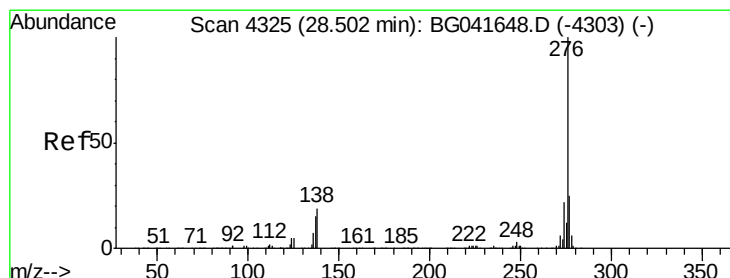
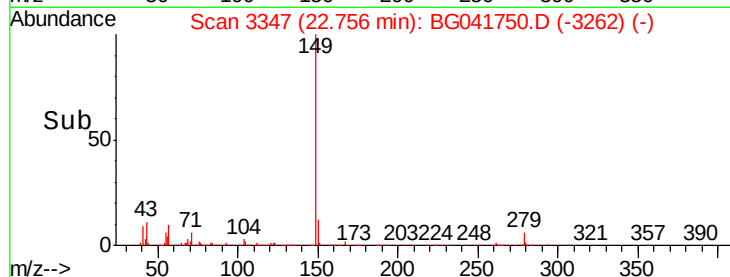
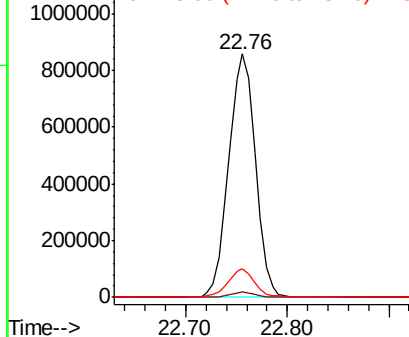
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.021 ng

RT: 28.48 min Scan# 4322

Delta R.T. -0.04 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

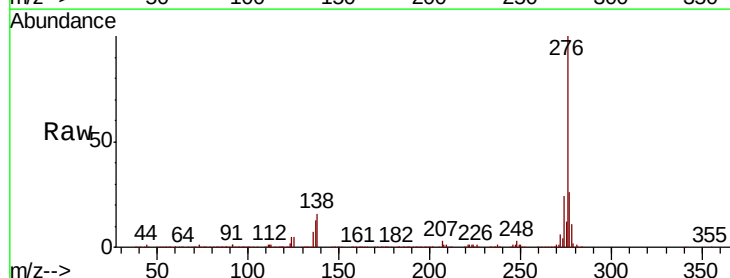
Tgt Ion:276 Resp: 2050475

Ion Ratio Lower Upper

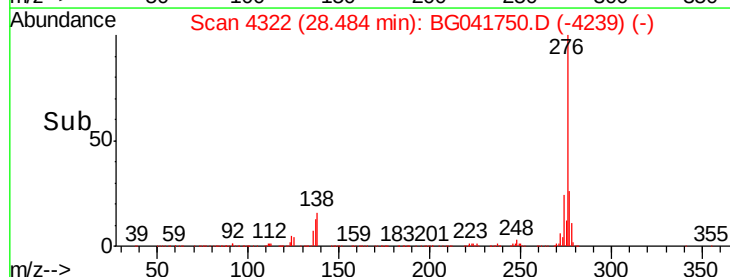
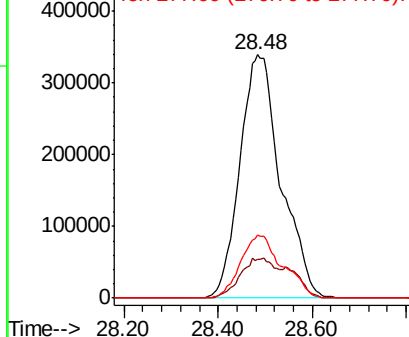
276 100

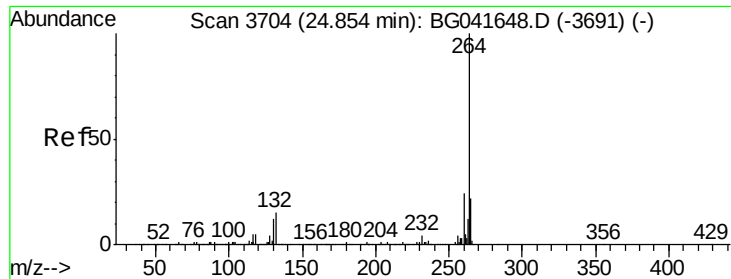
138 14.8 19.4 29.0#

277 26.7 21.2 31.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3702

Delta R.T. -0.02 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Instrument :

BNA_G

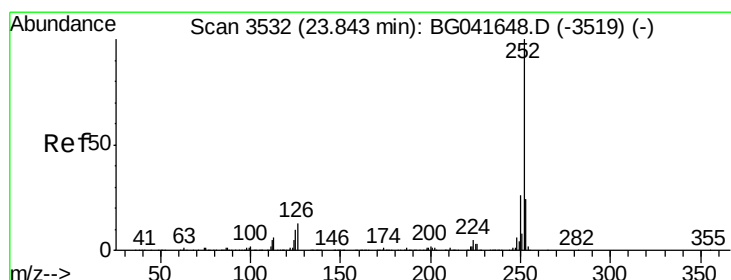
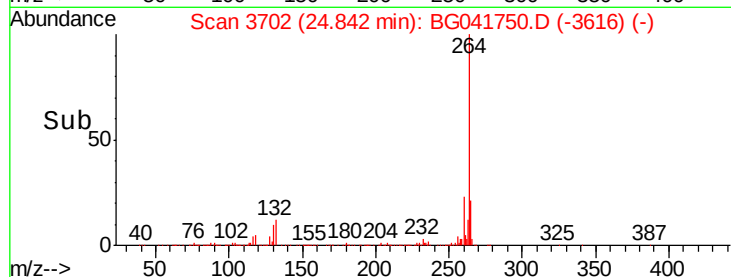
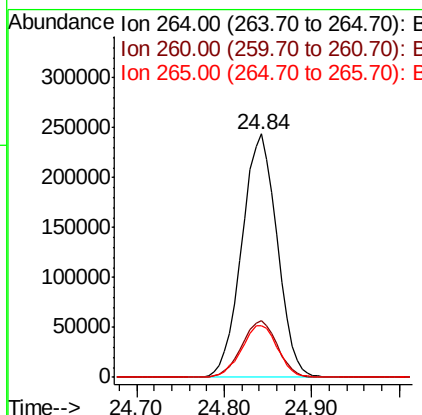
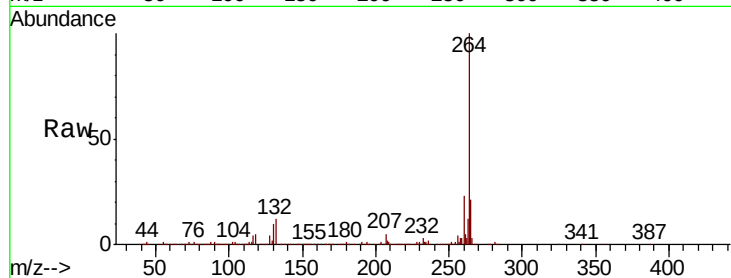
ClientSampleId :

GIS-BUILDING-2MSD

Tot Ion:	264	Resp:	666021
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.5	29.3
265	21.4	18.0	27.0

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 43.959 ng

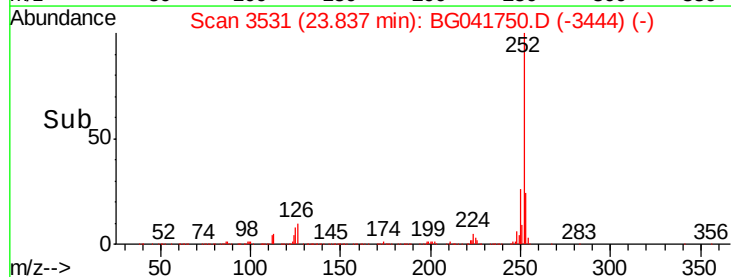
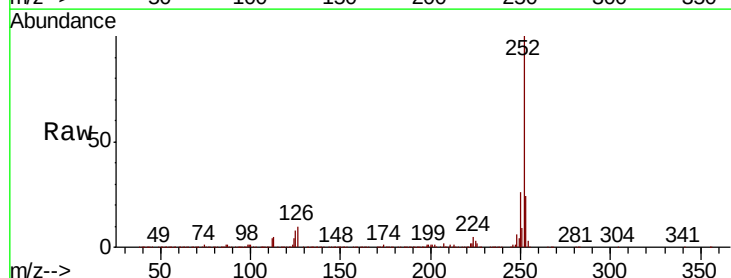
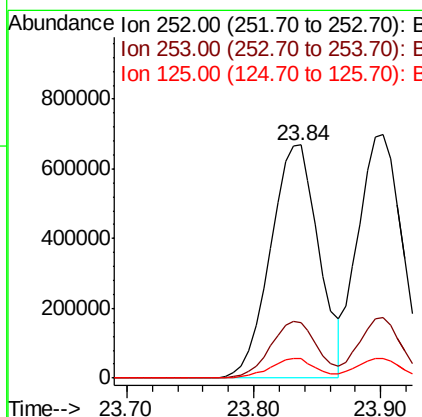
RT: 23.84 min Scan# 3531

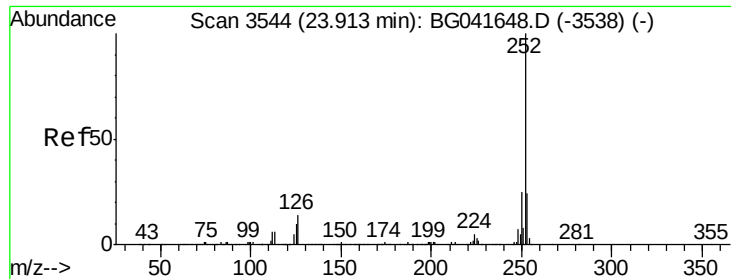
Delta R.T. -0.02 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Tgt Ion:	252	Resp:	1775899
Ion Ratio	Lower	Upper	
252	100		
253	23.8	20.6	30.8
125	8.1	8.0	12.0





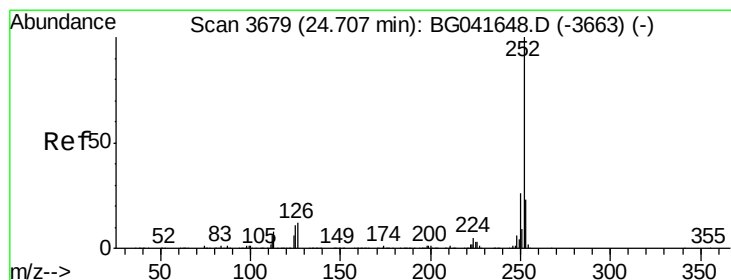
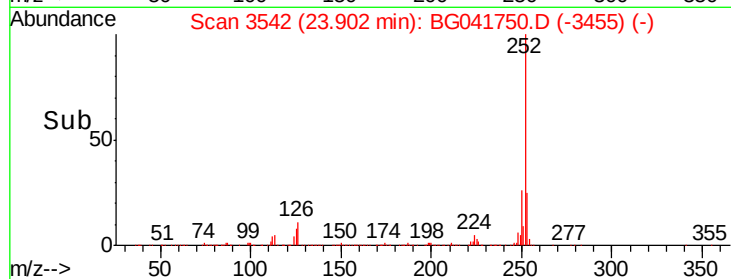
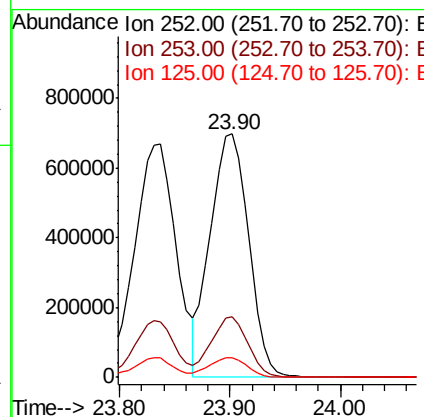
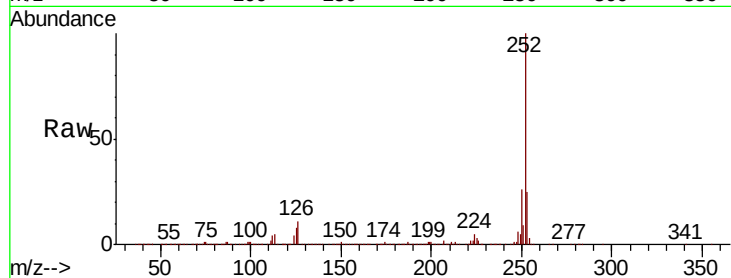
#89
Benzo(k)fluoranthene
Concen: 44.906 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.02 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.5	30.7
125	8.2	8.4	12.6

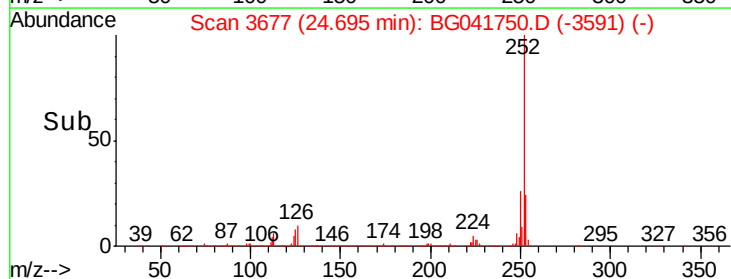
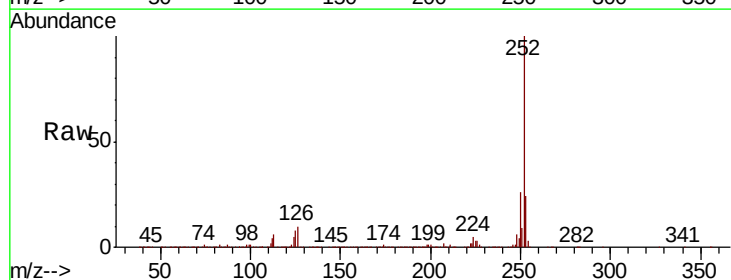
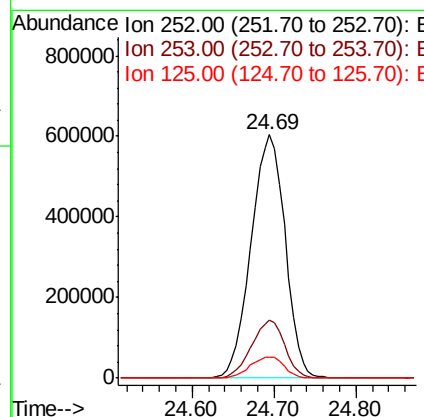
Manual Integrations
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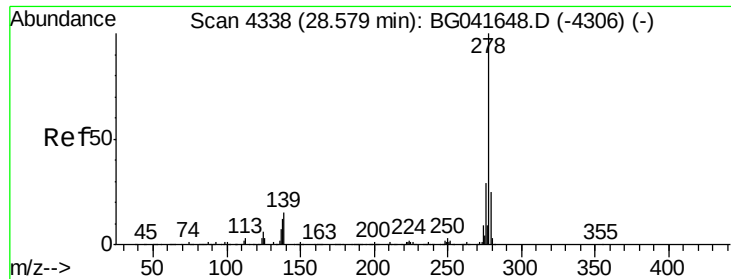
mohammad
7/23/2019 4:24:05 PM



#90
Benzo(a)pyrene
Concen: 45.667 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.02 min
Lab File: BG041750.D
Acq: 22 Jul 2019 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.8	29.8
125	8.4	8.8	13.2





#91

Dibenzo(a,h)anthracene

Concen: 45.519 ng

RT: 28.55 min Scan# 4334

Delta R.T. -0.04 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Instrument :

BNA_G

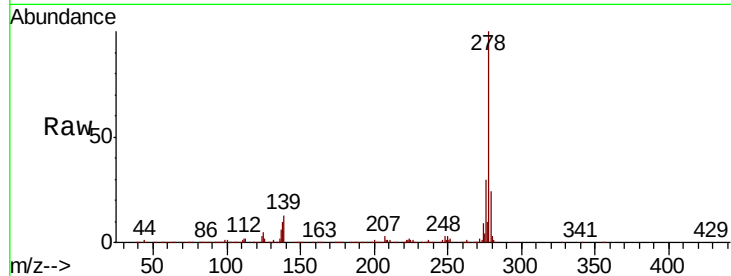
ClientSampleId :

GIS-BUILDING-2MSD

Tot Ion:	278	Resp:	1686957
Ion	Ratio	Lower	Upper
278	100		
139	12.9	12.6	19.0
279	24.1	20.5	30.7

Manual Integrations
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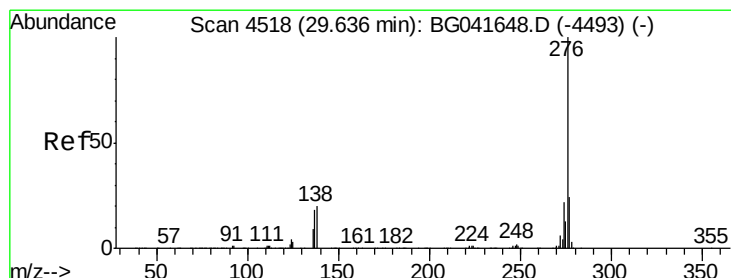
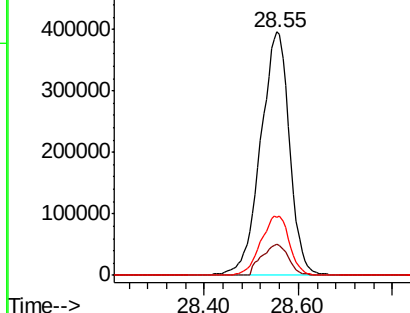
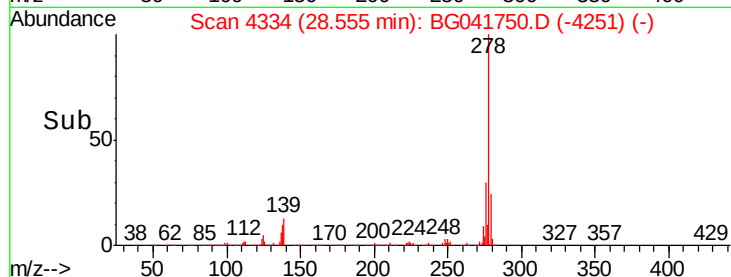


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.556 ng

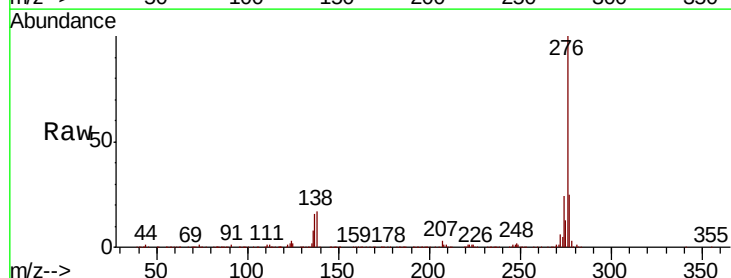
RT: 29.62 min Scan# 4516

Delta R.T. -0.04 min

Lab File: BG041750.D

Acq: 22 Jul 2019 15:22

Tgt Ion:	276	Resp:	1691918
Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.8
138	16.8	16.6	25.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

