

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072219\
 Data File : BG041749.D
 Acq On : 22 Jul 2019 14:43
 Operator : HP/JU
 Sample : K3916-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GIS-BUILDING-2MS

Manual Integrations
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 7/23/2019 4:24:03 PM

Quant Time: Jul 23 06:33:51 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	8.05	152	91211	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	359469	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	251930	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	530306	20.00	ng	0.00
76) Chrysene-d12	21.65	240	562021	20.00	ng	0.00
87) Perylene-d12	24.84	264	667091	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	699369	125.35	ng	0.00
7) Phenol-d6	7.20	99	959280	127.82	ng	0.00
23) Nitrobenzene-d5	9.20	82	572904	96.92	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	454475	160.07	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1459391	89.70	ng	0.00
79) Terphenyl-d14	20.00	244	2118314	88.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	73745	27.829	ng	96
3) Pyridine	3.89	79	189015	26.721	ng	98
4) n-Nitrosodimethylamine	3.80	42	108142	33.105	ng	97
6) Aniline	7.36	93	247682	24.556	ng	95
8) 2-Chlorophenol	7.61	128	252410	39.960	ng	95
9) Benzaldehyde	7.17	77	116998	22.581	ng	98
10) Phenol	7.23	94	306456	38.759	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	233179	36.516	ng	98
12) 1,3-Dichlorobenzene	7.93	146	284346	37.727	ng	97
13) 1,4-Dichlorobenzene	8.08	146	286741	37.990	ng	96
14) 1,2-Dichlorobenzene	8.40	146	277241	38.959	ng	93
15) Benzyl Alcohol	8.28	79	221471	37.068	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	433429	32.756	ng	97
17) 2-Methylphenol	8.48	107	221513	40.511	ng	97
18) Hexachloroethane	9.13	117	100338	36.294	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	196544	35.831	ng	98
20) 3+4-Methylphenols	8.81	107	305164	40.726	ng	99
22) Acetophenone	8.86	105	375740	42.917	ng	# 95
24) Nitrobenzene	9.24	77	274427	42.560	ng	100
25) Isophorone	9.77	82	529129	40.881	ng	99
26) 2-Nitrophenol	9.96	139	139237	47.161	ng	98
27) 2,4-Dimethylphenol	10.01	122	249561	48.732	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	325870	40.850	ng	99
29) 2,4-Dichlorophenol	10.49	162	283886	48.621	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	311141	45.385	ng	98
31) Naphthalene	10.90	128	780013	44.075	ng	98
32) Benzoic acid	10.09	122	40281	15.075	ng	# 84
33) 4-Chloroaniline	11.00	127	226099	27.697	ng	98
34) Hexachlorobutadiene	11.20	225	202647	45.990	ng	100
35) Caprolactam	11.76	113	99714m	46.463	ng	
36) 4-Chloro-3-methylphenol	12.11	107	284204	46.463	ng	98
37) 2-Methylnaphthalene	12.50	142	617598	45.677	ng	99
38) 1-Methylnaphthalene	12.72	142	583445	45.263	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	389620	45.150	ng	99

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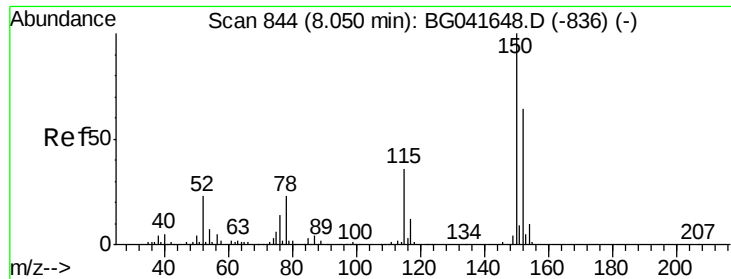
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	489737	100.324	nq	96
43) 2,4,6-Trichlorophenol	13.10	196	259035	46.197	nq	96
44) 2,4,5-Trichlorophenol	13.17	196	281825	47.705	nq	97
46) 1,1'-Biphenyl	13.50	154	788304	41.766	nq	98
47) 2-Chloronaphthalene	13.55	162	641003	40.750	nq	99
48) 2-Nitroaniline	13.73	65	186801	40.787	nq	95
49) Acenaphthylene	14.39	152	1001864	40.799	nq	99
50) Dimethylphthalate	14.12	163	901799	45.577	nq	100
51) 2,6-Dinitrotoluene	14.23	165	187891	44.769	nq	95
52) Acenaphthene	14.73	154	650019	42.005	nq	99
53) 3-Nitroaniline	14.56	138	151791	33.132	nq	92
54) 2,4-Dinitrophenol	14.76	184	119861	58.779	nq	96
55) Dibenzofuran	15.06	168	981856	42.282	nq	96
56) 4-Nitrophenol	14.86	139	334746	90.247	nq	96
57) 2,4-Dinitrotoluene	15.01	165	259985	46.863	nq	90
58) Fluorene	15.71	166	782117	41.393	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	270893	49.669	nq	95
60) Diethylphthalate	15.48	149	789466	39.606	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	460707	43.134	nq	96
62) 4-Nitroaniline	15.71	138	202302	41.635	nq	97
63) Azobenzene	15.99	77	675821	37.502	nq	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	136691	53.422	nq	97
66) n-Nitrosodiphenylamine	15.91	169	730524	46.909	nq	98
67) 4-Bromophenyl-phenylether	16.59	248	303418	48.086	nq	99
68) Hexachlorobenzene	16.71	284	306675	48.264	nq	98
69) Atrazine	16.86	200	295001	52.199	nq	96
70) Pentachlorophenol	17.05	266	416728	104.891	nq	99
71) Phenanthrene	17.45	178	1249229	46.777	nq	98
72) Anthracene	17.54	178	1283647	48.220	nq	98
73) Carbazole	17.80	167	1147508	46.479	nq	98
74) Di-n-butylphthalate	18.36	149	1271524	42.226	nq	98
75) Fluoranthene	19.44	202	1495506	45.604	nq	95
77) Benzidine	19.61	184	818427	41.815	nq	99
78) Pyrene	19.81	202	1528778	40.219	nq	96
80) Butylbenzylphthalate	20.69	149	620940	39.312	nq	92
81) Benzo(a)anthracene	21.63	228	1585870	43.673	nq	97
82) 3,3'-Dichlorobenzidine	21.54	252	218084	15.262	nq	98
83) Chrysene	21.69	228	1536953	44.295	nq	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	907769	40.704	nq	96
85) Di-n-octyl phthalate	22.76	149	1565990	41.233	nq	95
86) Indeno(1,2,3-cd)pyrene	28.49	276	2054560	44.876	nq	# 91
88) Benzo(b)fluoranthene	23.83	252	1790164m	44.241	nq	
89) Benzo(k)fluoranthene	23.90	252	1678051	44.755	nq	# 96
90) Benzo(a)pyrene	24.70	252	1747068	45.634	nq	97
91) Dibenzo(a,h)anthracene	28.55	278	1688466	45.486	nq	# 97
92) Benzo(g,h,i)perylene	29.63	276	1692612	45.501	nq	97

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



#1

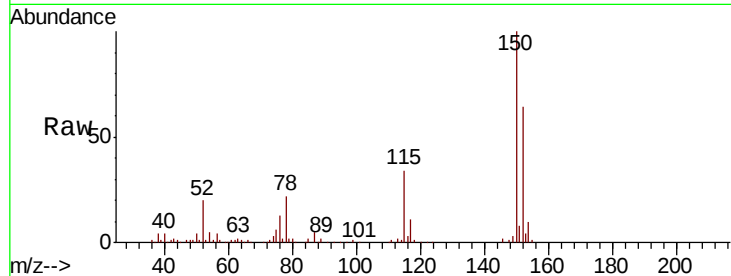
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.9	190.3
115	52.9	45.0	67.6

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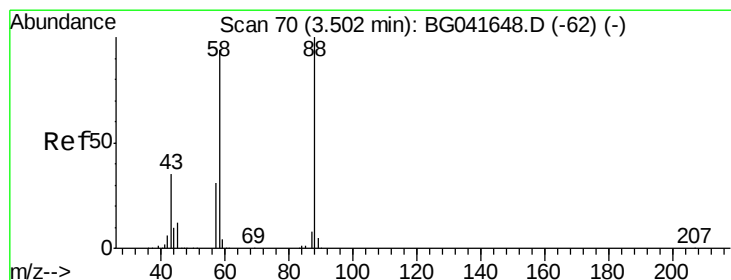
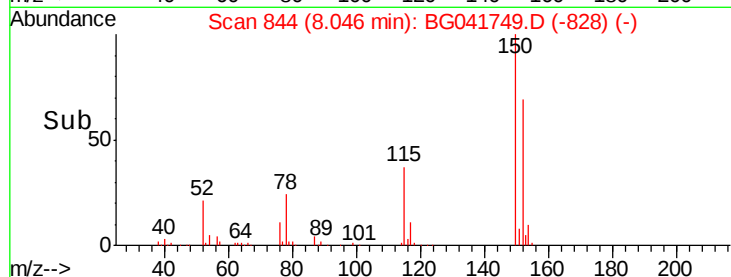
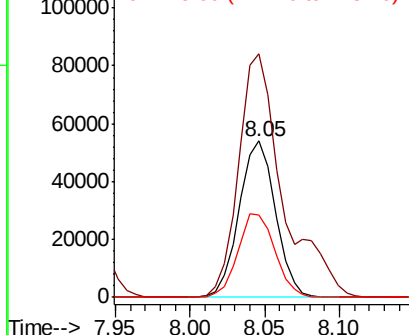


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

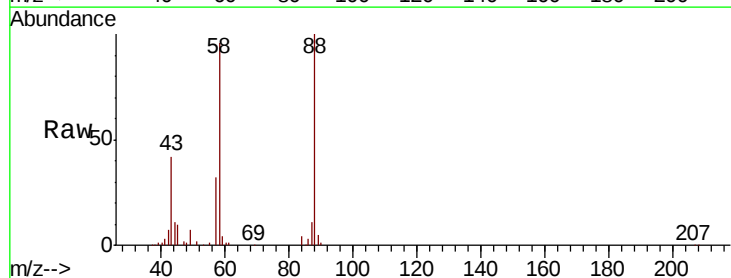
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.829 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.7	76.2	114.2
43	33.8	27.2	40.8

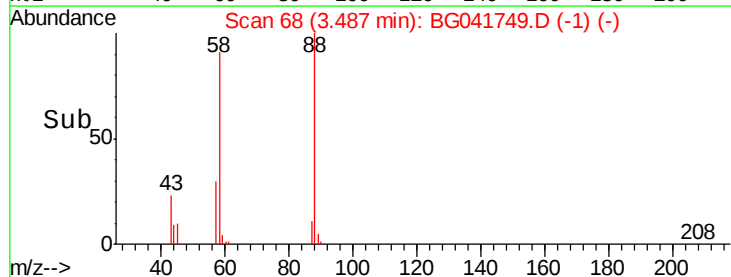
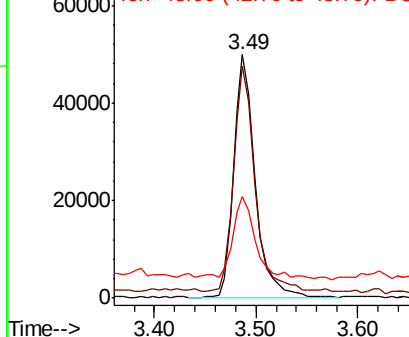


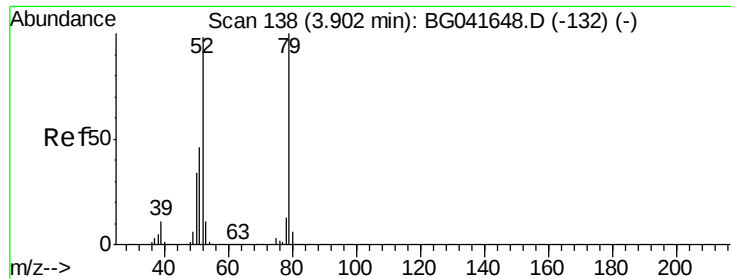
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 26.721 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

Instrument :

BNA_G

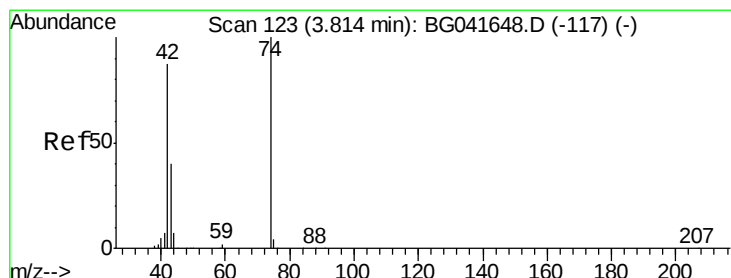
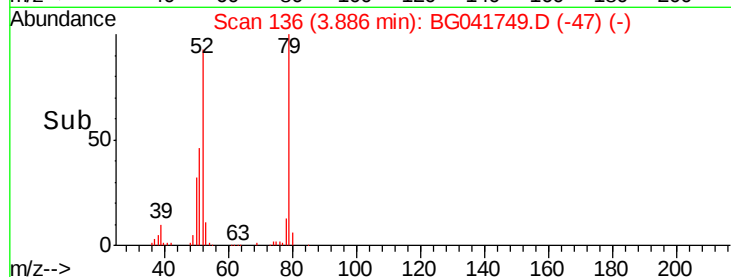
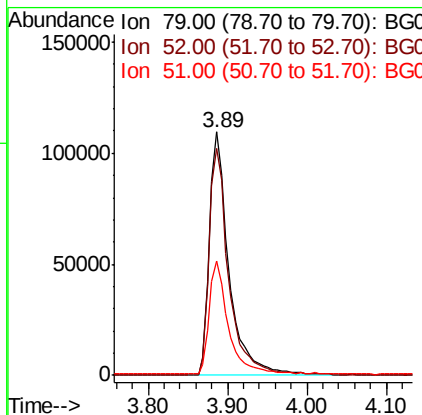
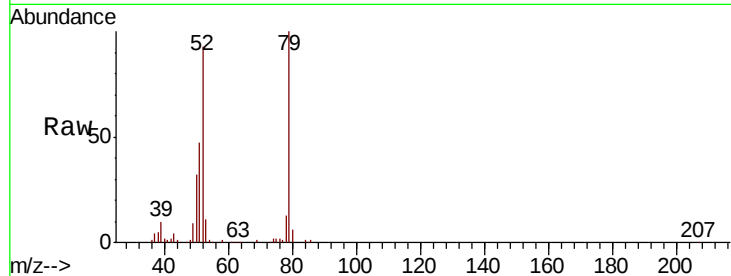
ClientSampleId :

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Tot Ion:	79	Resp:	189015
Ion	Ratio	Lower	Upper
79	100		
52	93.4	77.1	115.7
51	46.8	37.8	56.8

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#4

n-Nitrosodimethylamine

Concen: 33.105 ng

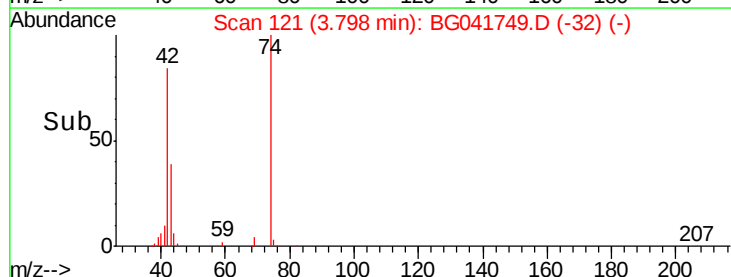
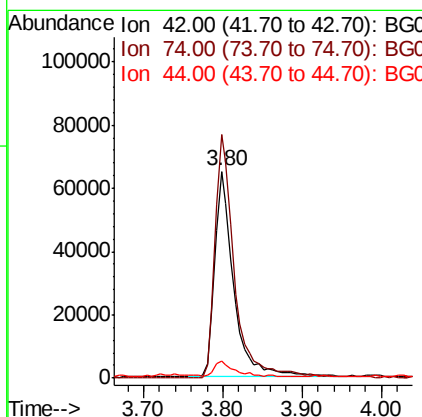
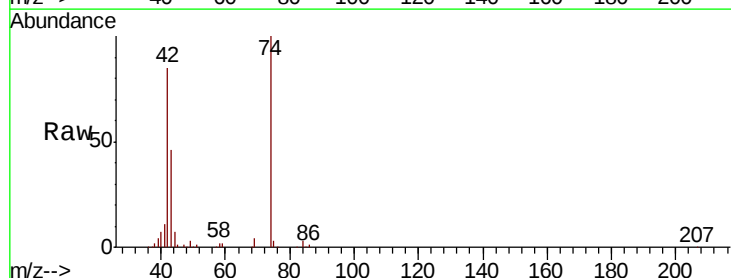
RT: 3.80 min Scan# 121

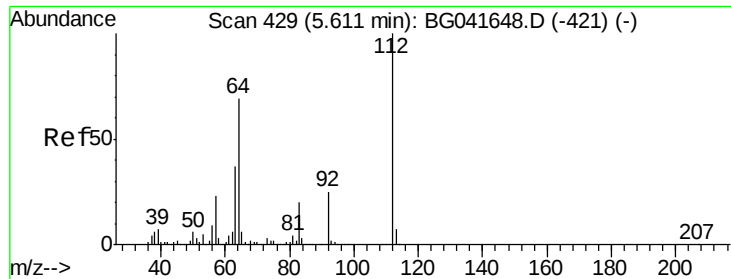
Delta R.T. -0.01 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

Tgt Ion:	42	Resp:	108142
Ion	Ratio	Lower	Upper
42	100		
74	117.9	97.4	146.2
44	8.1	6.6	9.8





#5

2-Fluorophenol

Concen: 125.346 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

Instrument :

BNA_G

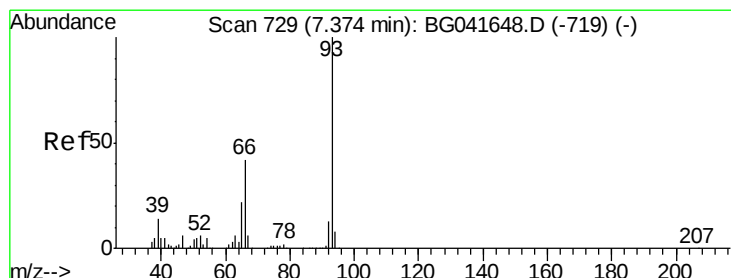
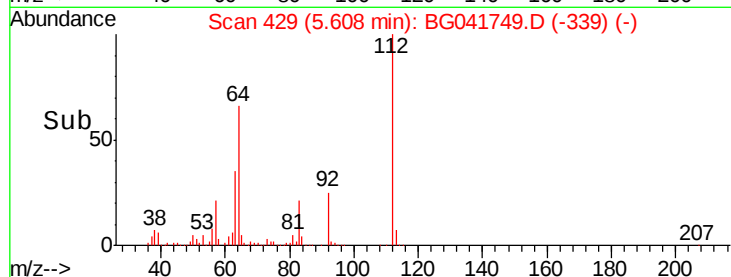
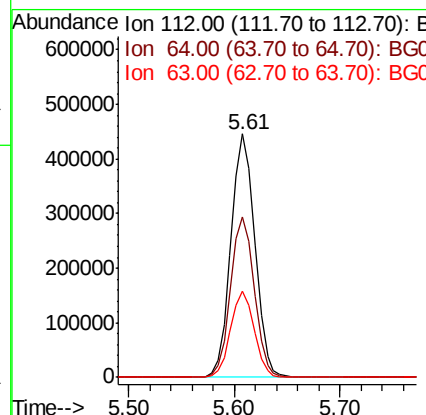
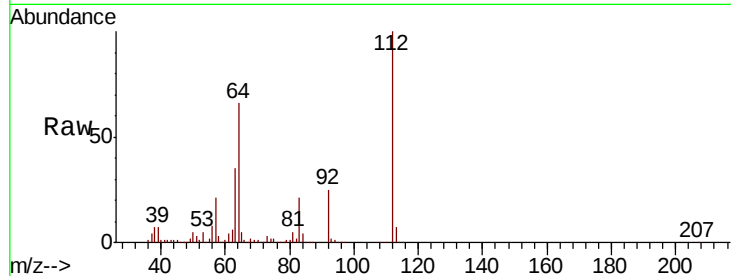
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Tot Ion	Ratio	Resp	Lower	Upper
112	100	699369		
64	65.9		55.4	83.2
63	35.4		29.1	43.7

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#6

Aniline

Concen: 24.556 ng

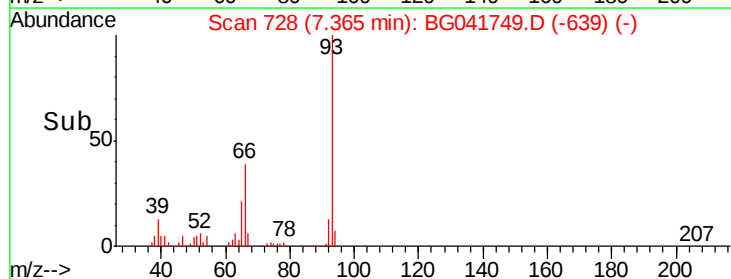
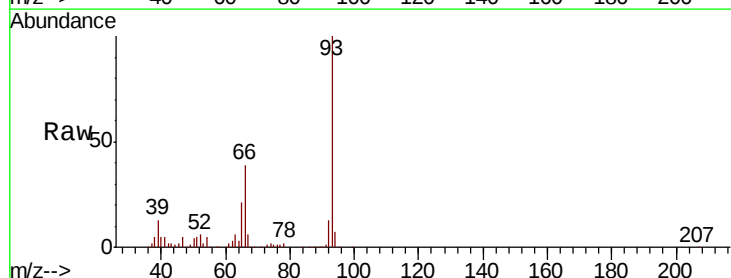
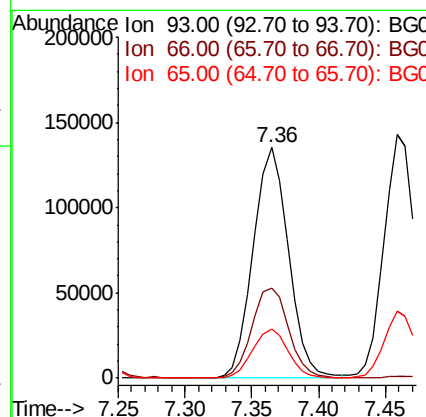
RT: 7.36 min Scan# 728

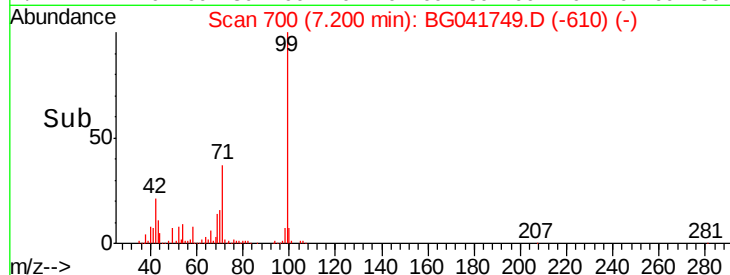
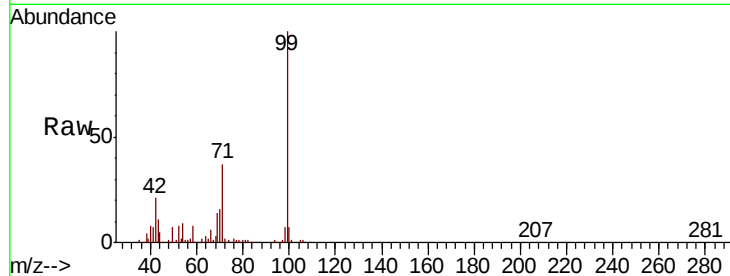
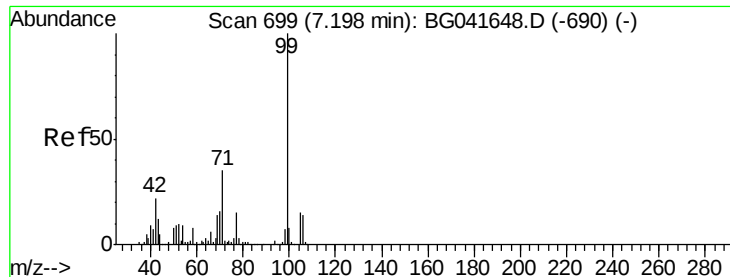
Delta R.T. -0.01 min

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	247682		
66	38.8		34.2	51.2
65	21.1		18.2	27.2





#7

Phenol-d6

Concen: 127.824 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		959280		
42	20.7	17.6	26.4		
71	37.5	27.8	41.6		

Instrument :

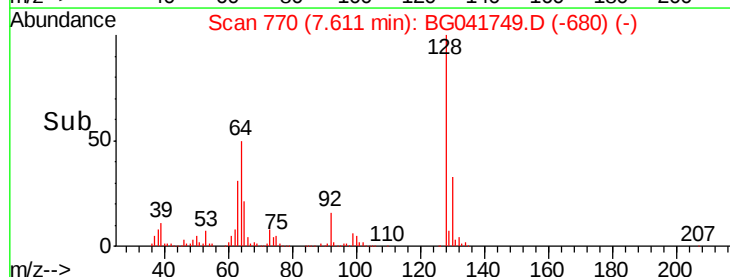
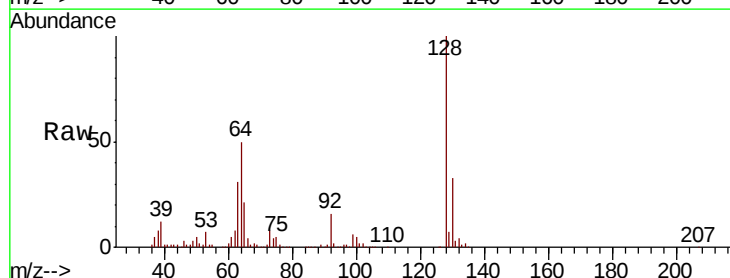
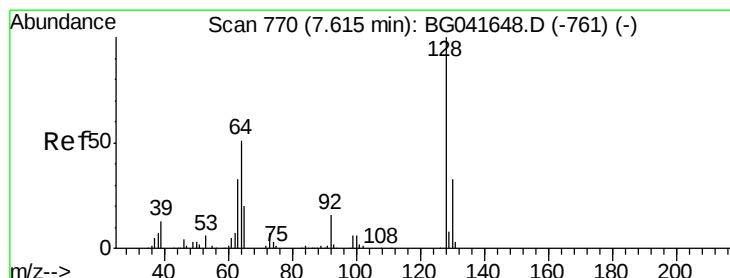
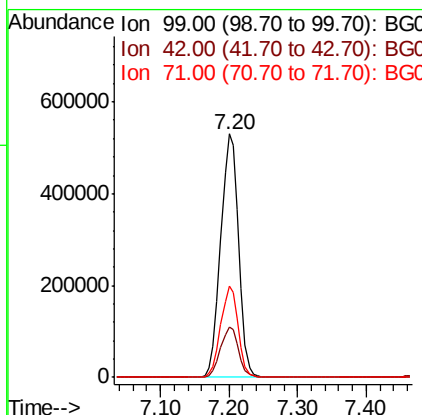
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#8

2-Chlorophenol

Concen: 39.960 ng

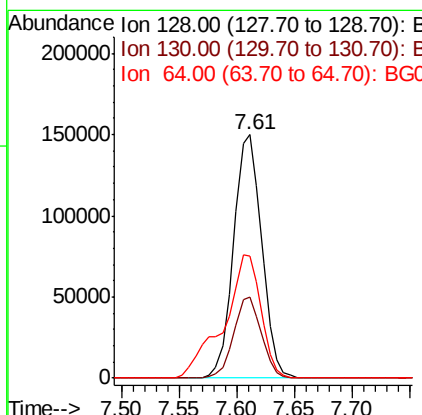
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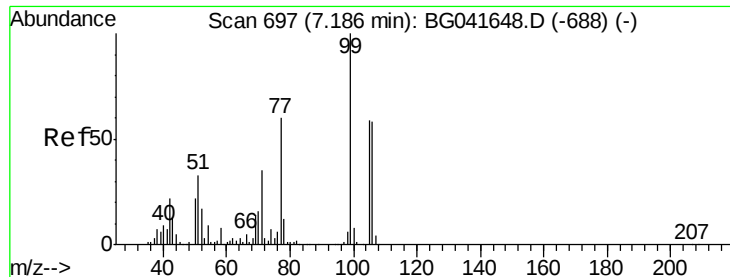
Delta R.T. -0.00 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		252410		
130	33.1	12.4	52.4		
64	50.0	34.9	74.9		





#9

Benzaldehyde

Concen: 22.581 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

Instrument :

BNA_G

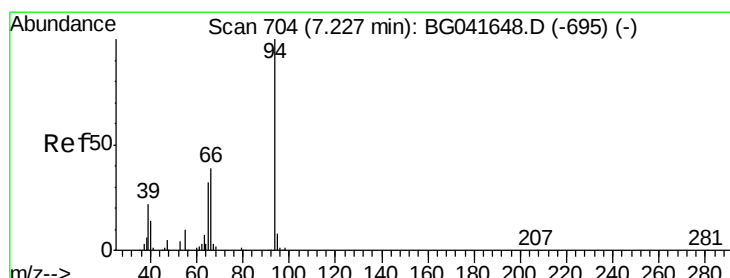
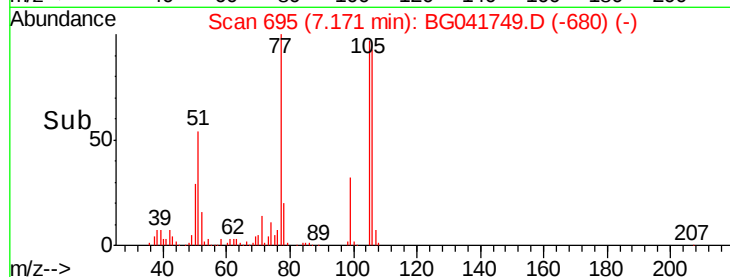
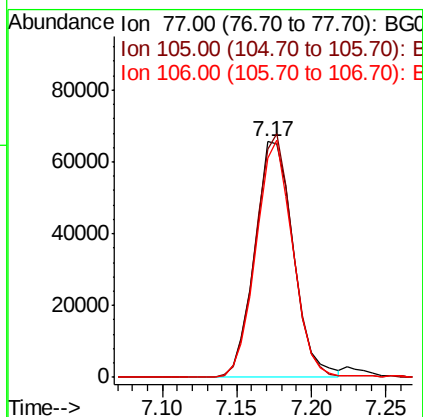
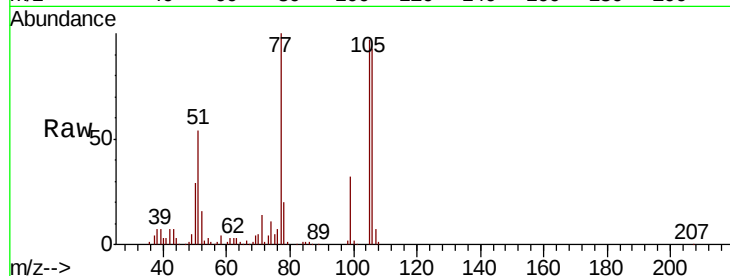
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	97.1	74.6	114.6		
106	93.1	71.1	111.1		

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#10

Phenol

Concen: 38.759 ng

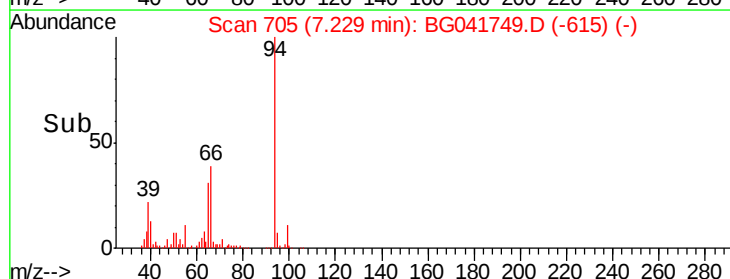
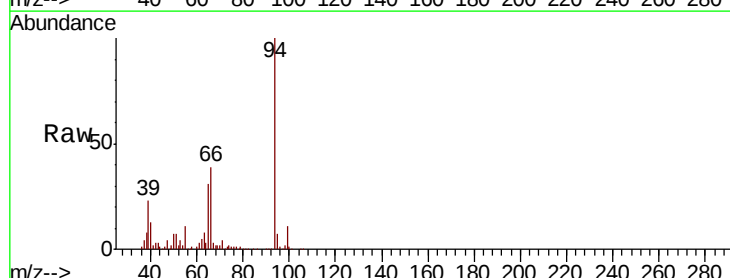
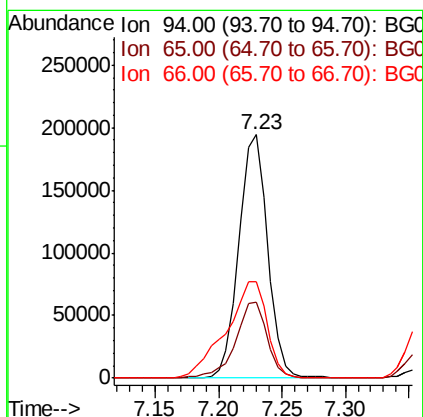
RT: 7.23 min Scan# 705

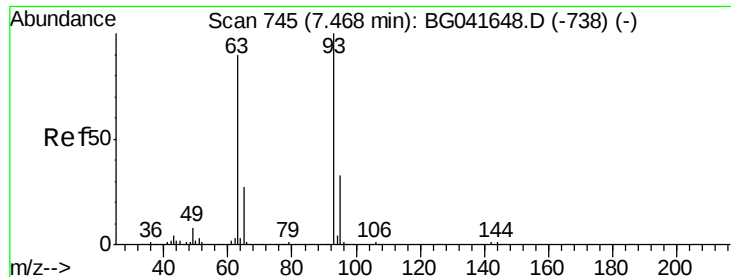
Delta R.T. -0.00 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	31.4	10.6	50.6		
66	39.4	18.2	58.2		





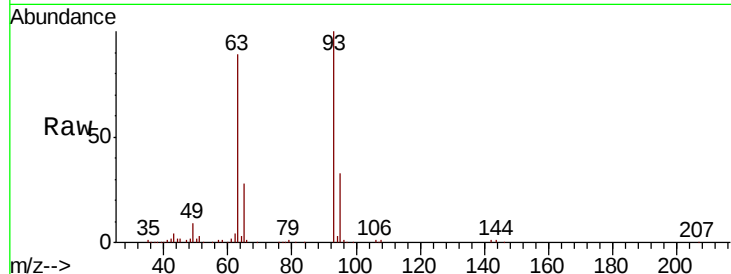
#11
bis(2-Chloroethyl)ether
Concen: 36.516 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
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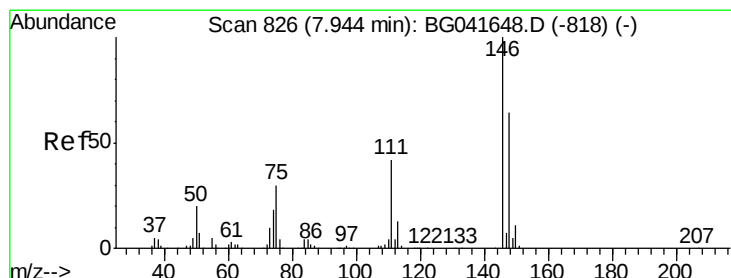
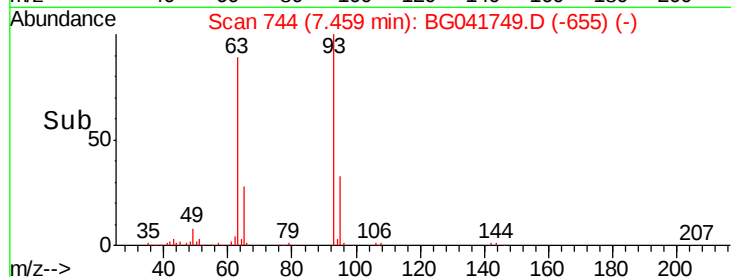
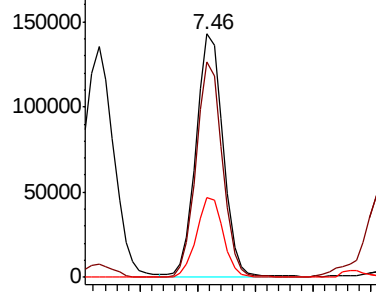
Tot Ion:	93	Resp:	233179
Ion	Ratio	Lower	Upper
93	100		
63	88.5	70.4	110.4
95	32.7	12.8	52.8

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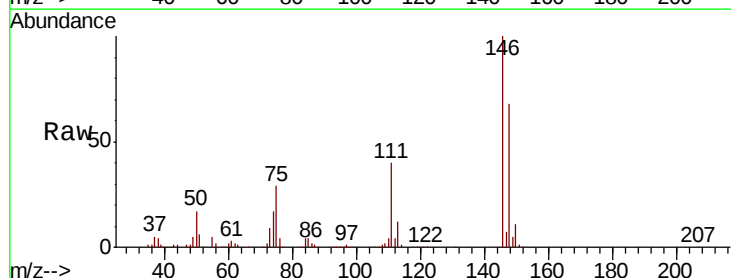


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

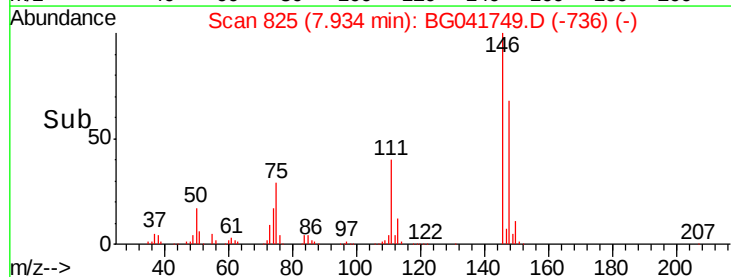
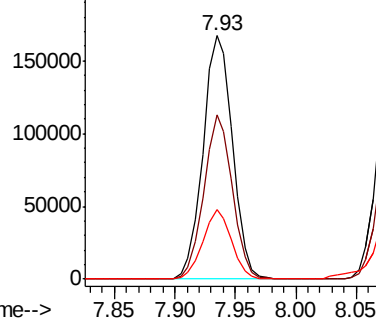


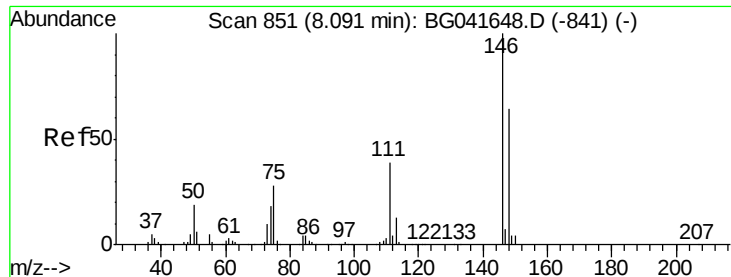
#12
1,3-Dichlorobenzene
Concen: 37.727 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion:	146	Resp:	284346
Ion	Ratio	Lower	Upper
146	100		
148	67.6	51.5	77.3
75	28.7	23.2	34.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





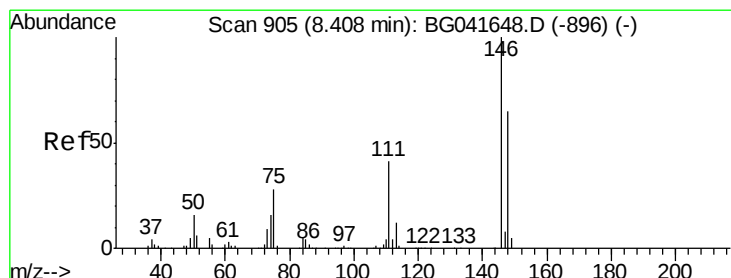
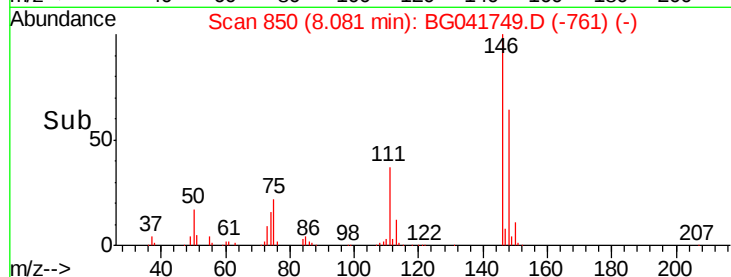
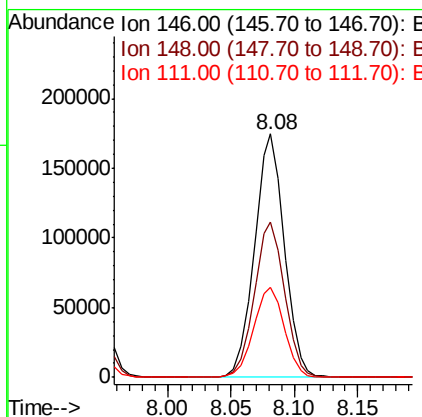
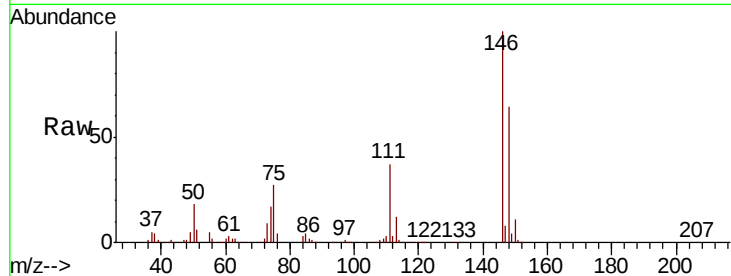
#13
 1,4-Dichlorobenzene
 Concen: 37.990 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG041749.D
 Acq: 22 Jul 2019 14:43

Instrument :
 BNA_G
 ClientSampleId :
 GIS-BUILDING-2MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.6	79.0
111	37.0	32.5	48.7

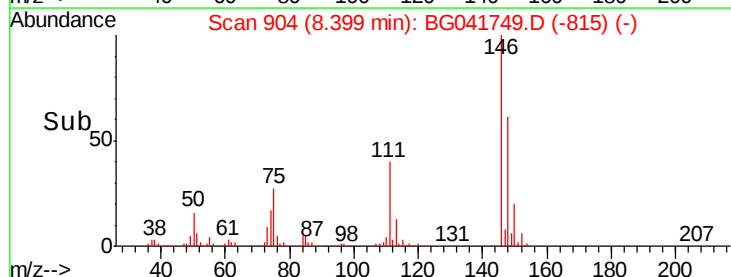
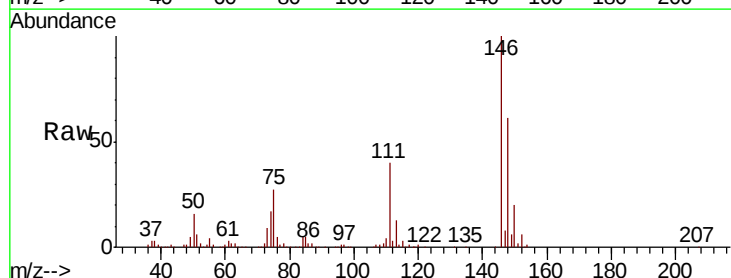
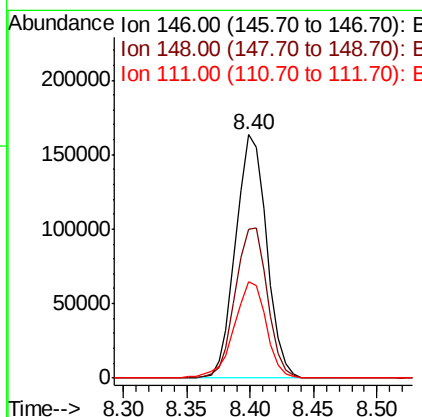
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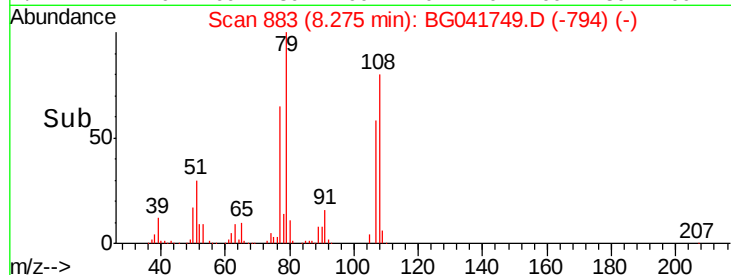
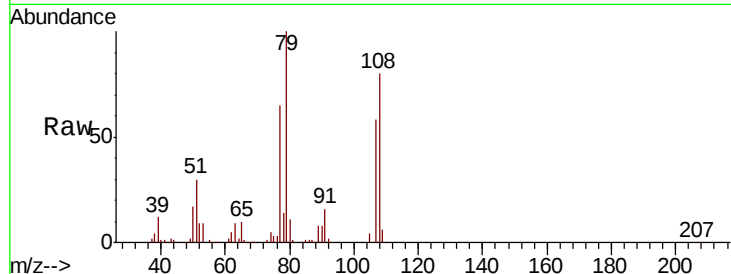
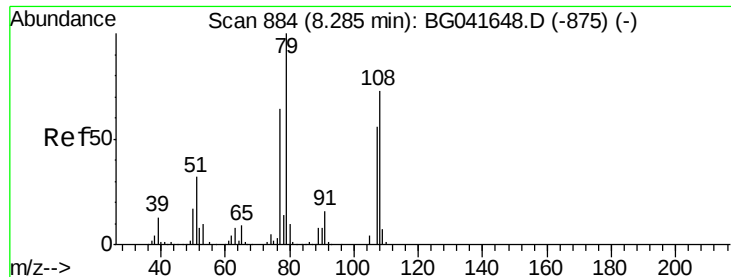
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.959 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG041749.D
 Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.3	53.5	80.3
111	39.8	35.4	53.0





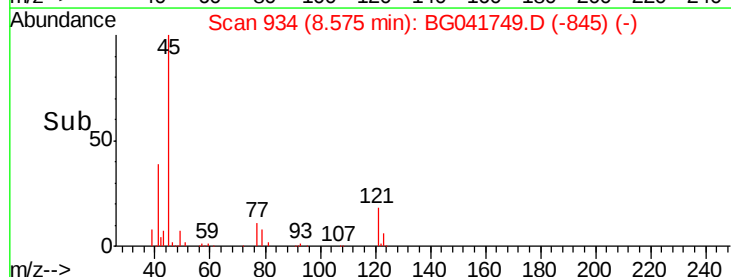
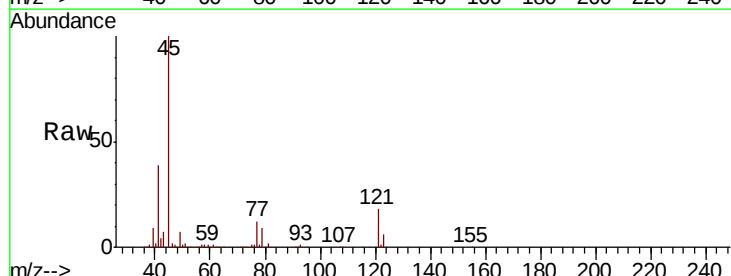
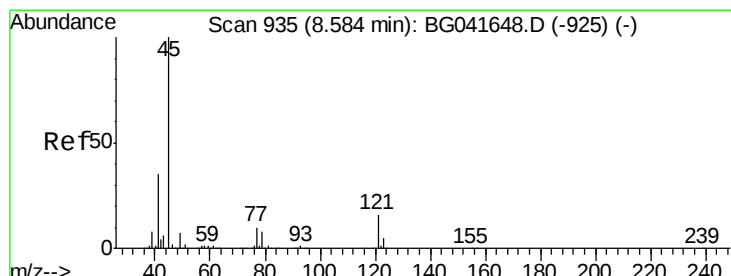
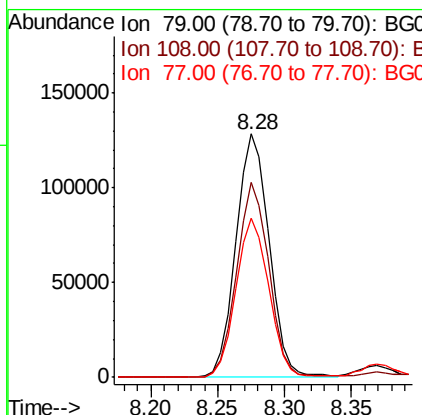
#15
Benzyl Alcohol
Concen: 37.068 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.2	60.5	90.7
77	65.1	50.6	75.8

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

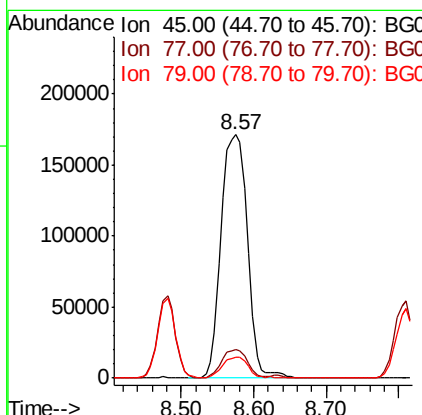
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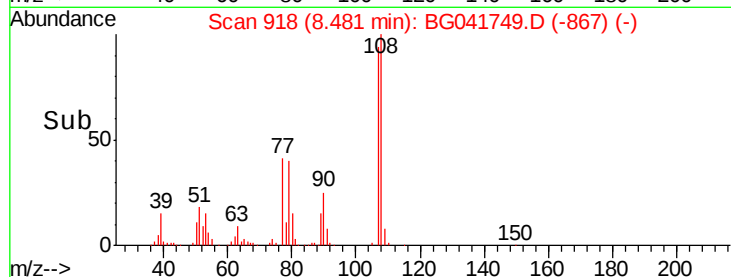
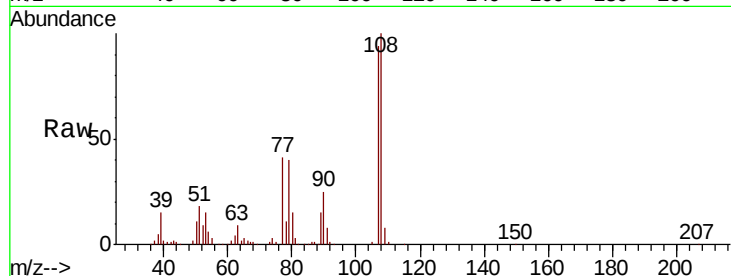
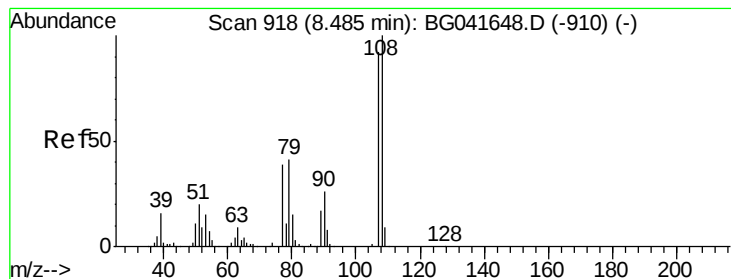
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.756 ng
RT: 8.57 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	30.4
79	8.6	0.0	27.9





#17

2-Methylphenol

Concen: 40.511 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.9	87.6	131.4	
77	44.1	36.1	54.1	
79	43.0	36.4	54.6	

Instrument :

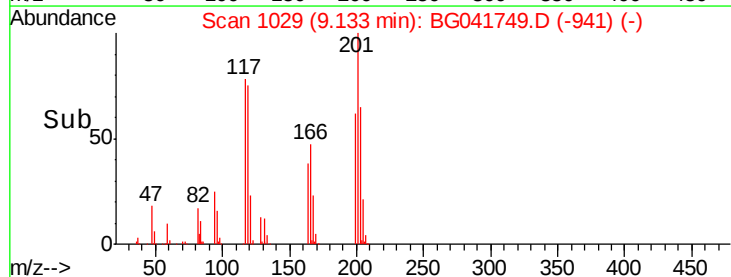
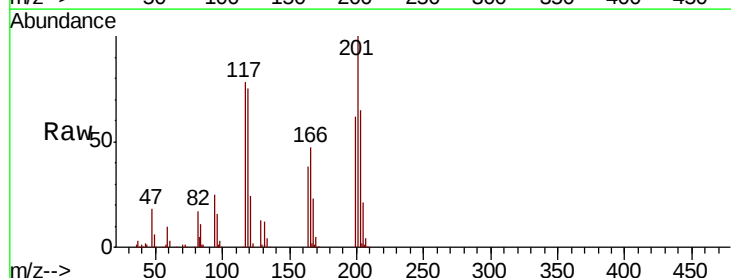
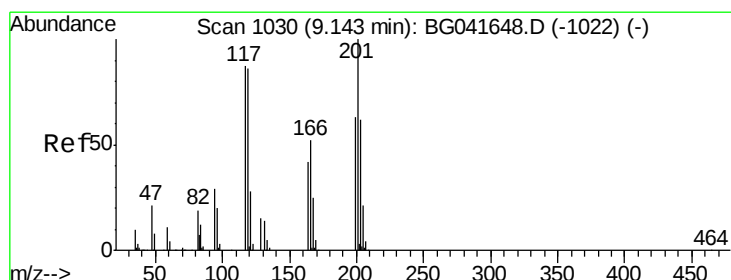
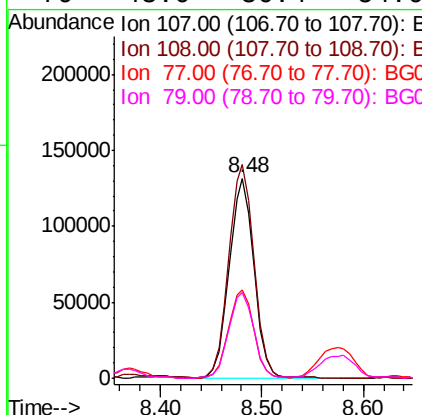
BNA_G

ClientSampleId :

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#18

Hexachloroethane

Concen: 36.294 ng

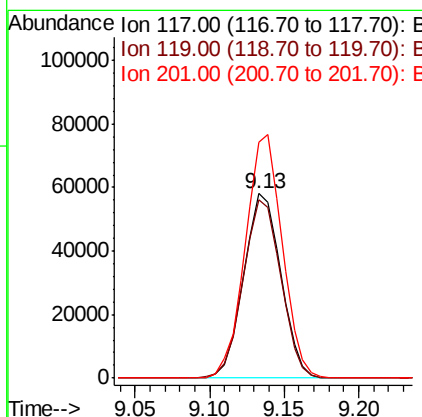
RT: 9.13 min Scan# 1029

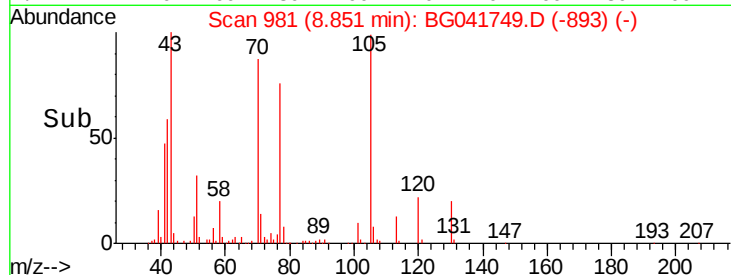
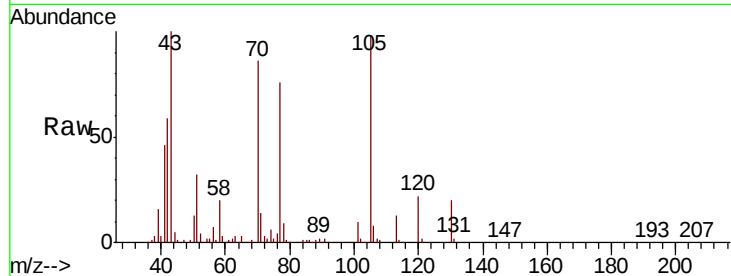
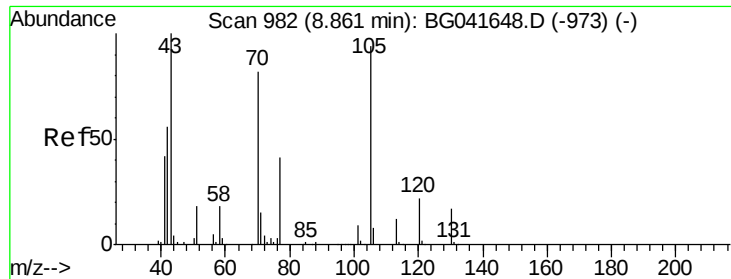
Delta R.T. -0.01 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	76.2	114.2	
201	128.0	94.1	141.1	





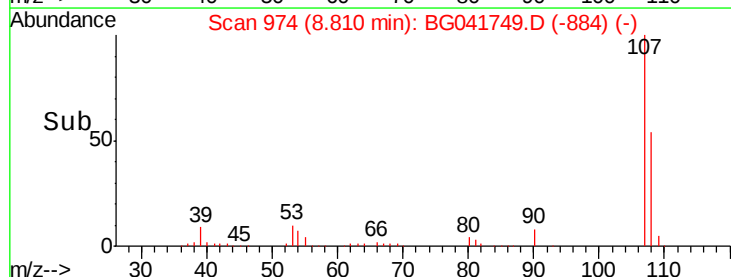
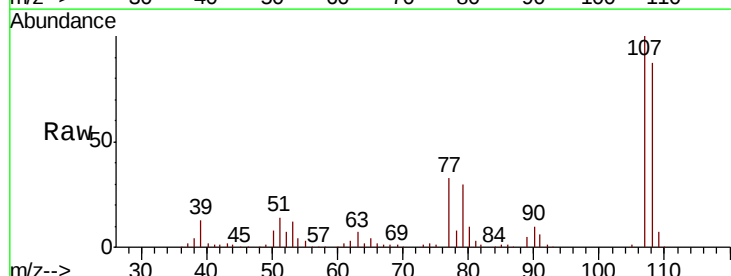
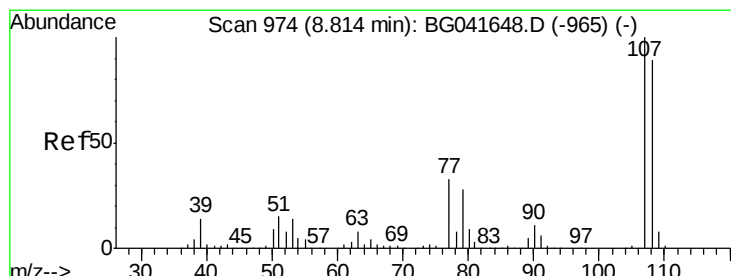
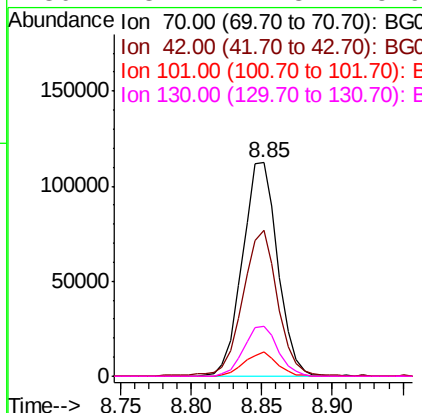
#19
n-Nitroso-di-n-propylamine
Concen: 35.831 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.3	55.8	83.6	
101	11.3	8.1	12.1	
130	23.4	17.3	25.9	

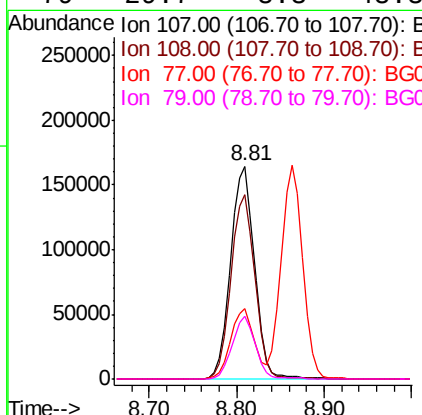
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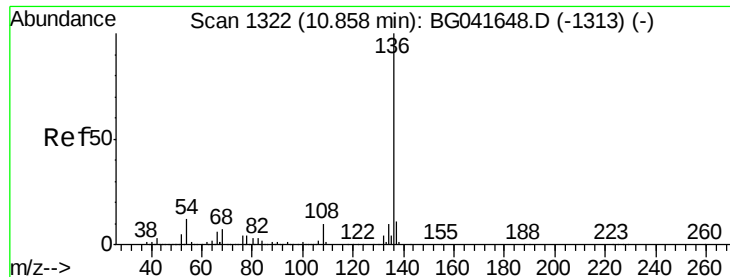
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#20
3+4-Methylphenols
Concen: 40.726 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.5	67.5	107.5	
77	32.9	12.3	52.3	
79	29.7	8.3	48.3	





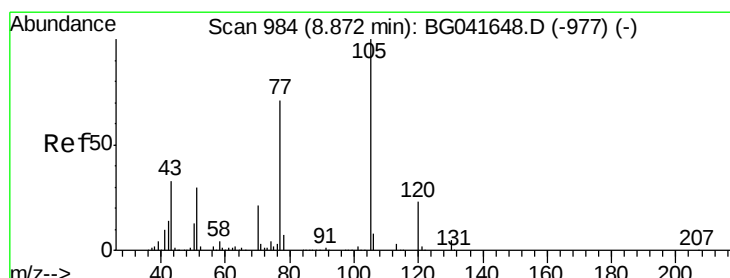
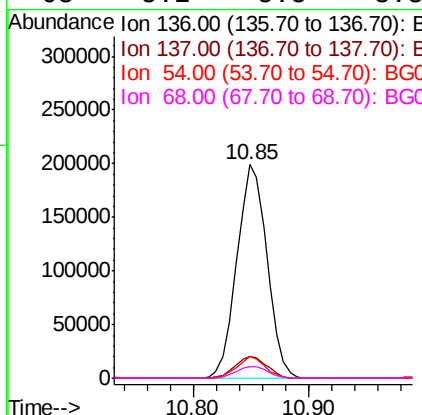
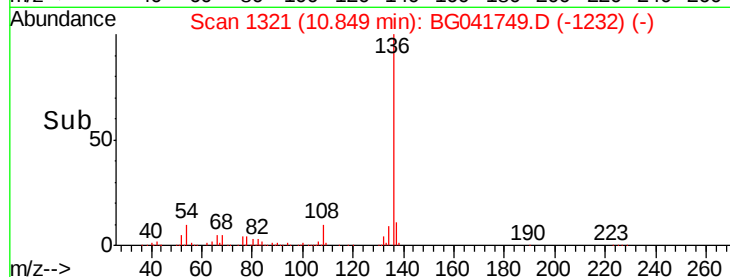
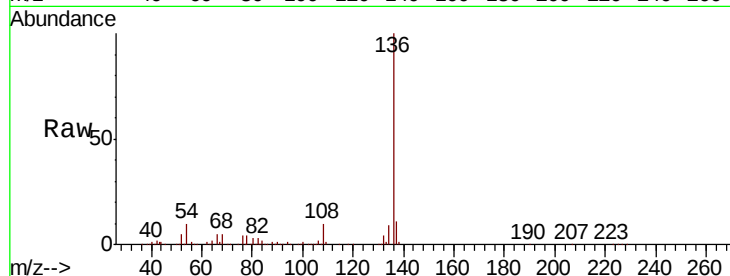
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	359469		
137	10.5		9.2	13.8
54	10.0		8.7	13.1
68	5.2		5.5	8.3#

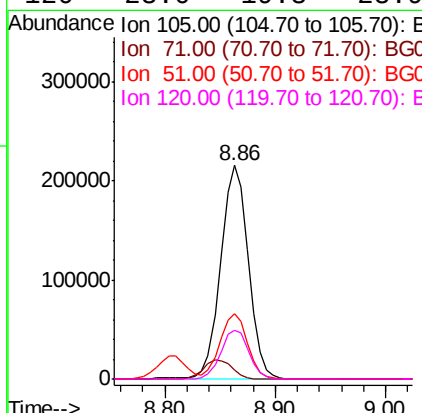
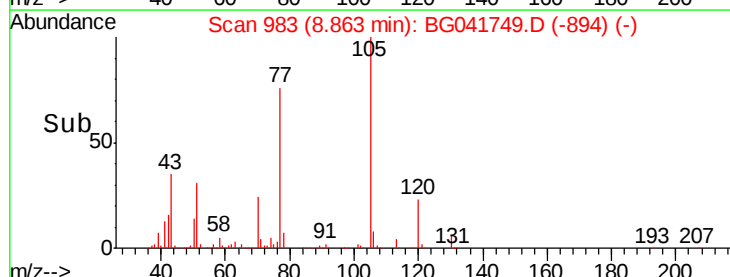
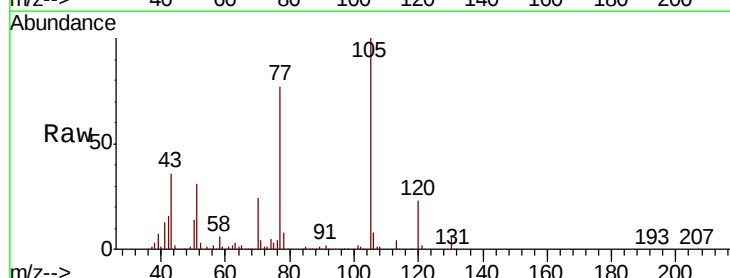
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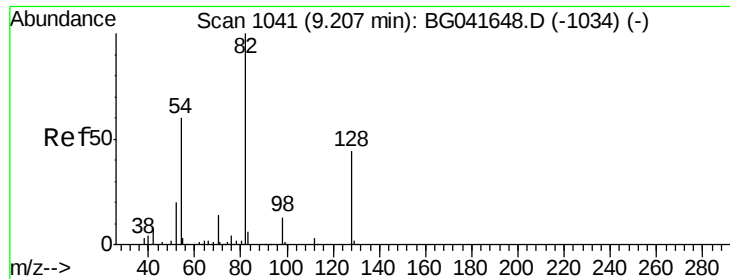
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#22
Acetophenone
Concen: 42.917 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	375740		
71	4.0		5.9	8.9#
51	30.8		27.7	41.5
120	23.0		19.3	28.9





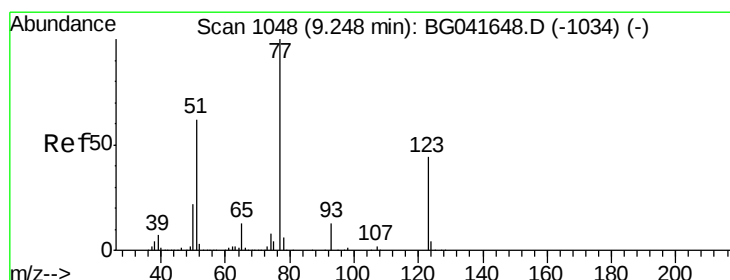
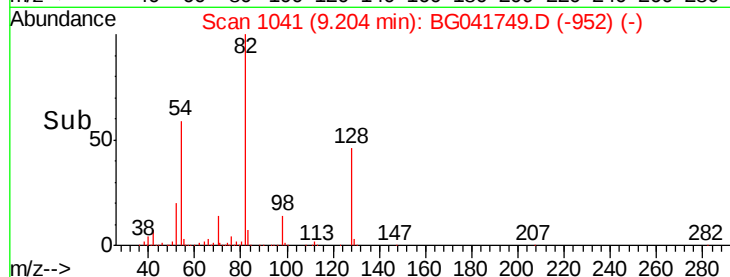
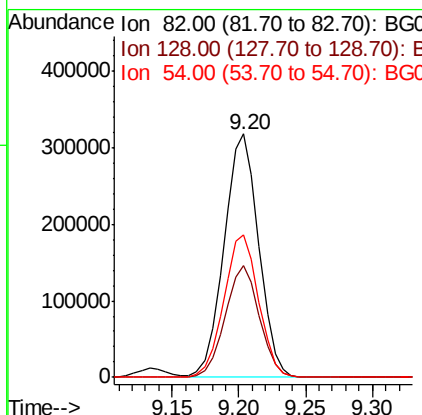
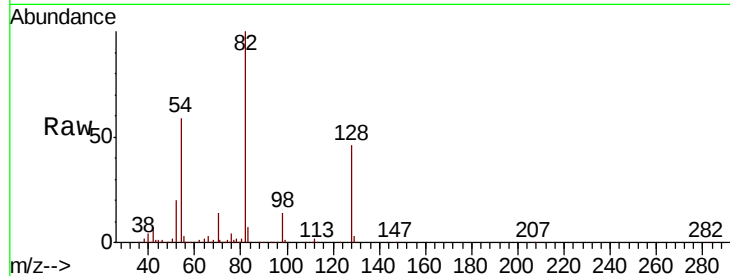
#23
 Nitrobenzene-d5
 Concen: 96.924 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041749.D
 Acq: 22 Jul 2019 14:43

Instrument :
 BNA_G
 ClientSampleId :
 GIS-BUILDING-2MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.1	52.7
54	58.6	48.7	73.1

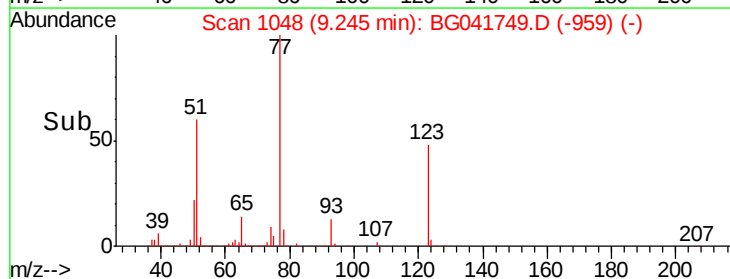
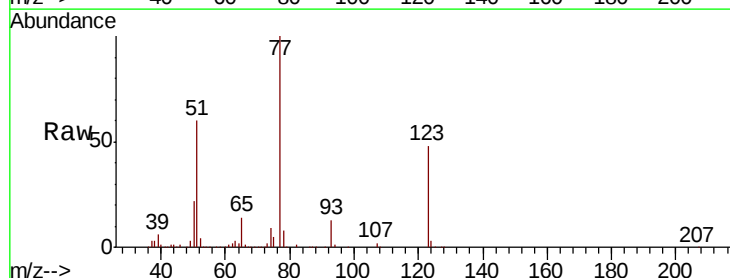
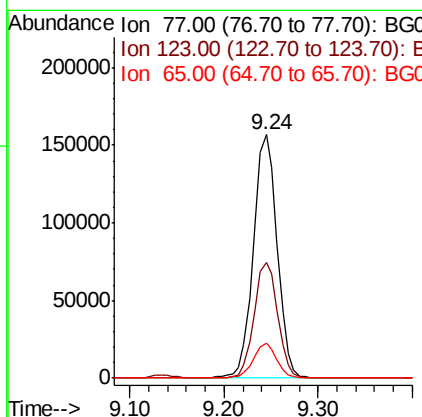
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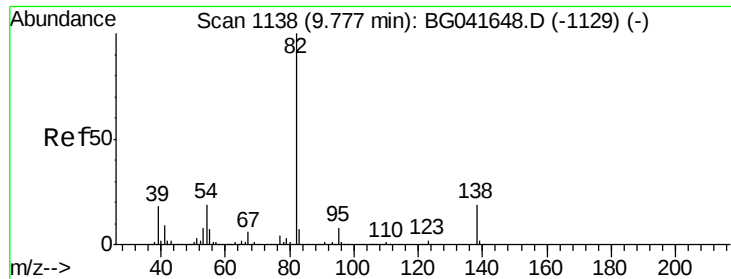
mohammad
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#24
 Nitrobenzene
 Concen: 42.560 ng
 RT: 9.24 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG041749.D
 Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	38.1	57.1
65	14.2	11.0	16.6





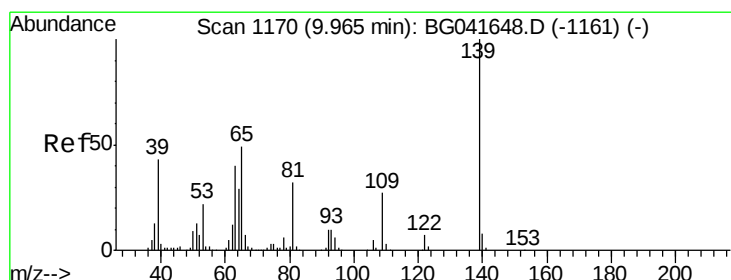
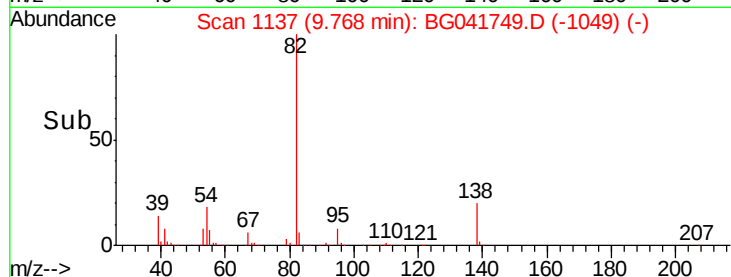
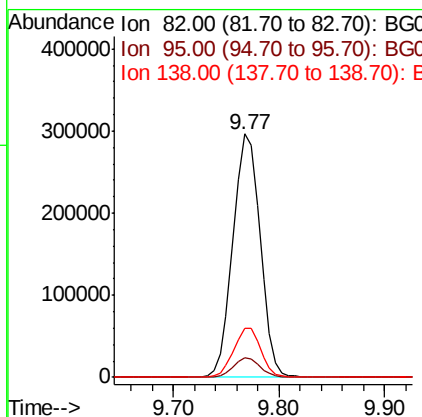
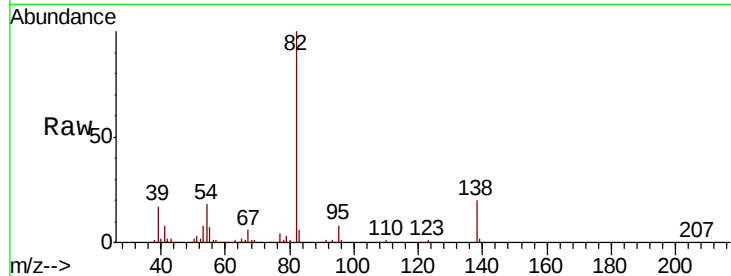
#25
Isophorone
Concen: 40.881 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	529129		
95	8.1		5.9	8.9
138	19.9		16.3	24.5

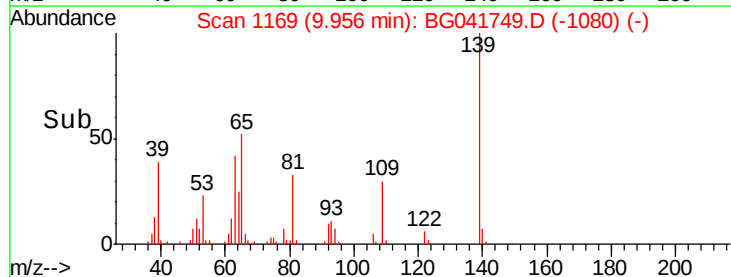
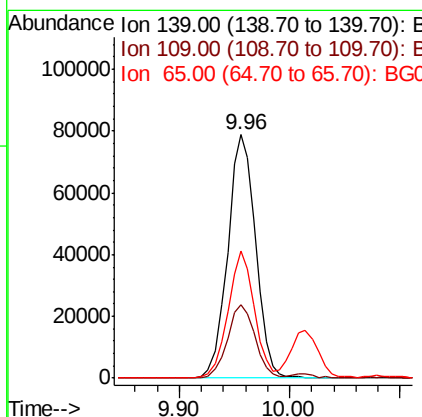
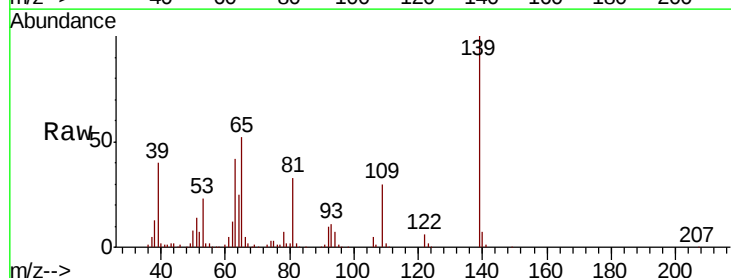
Manual Integrations
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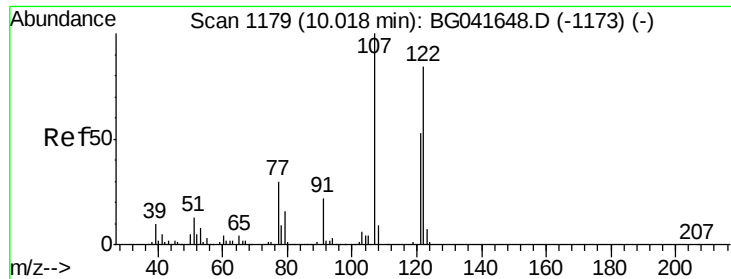
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#26
2-Nitrophenol
Concen: 47.161 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	139237		
109	30.4		22.7	34.1
65	52.3		41.1	61.7





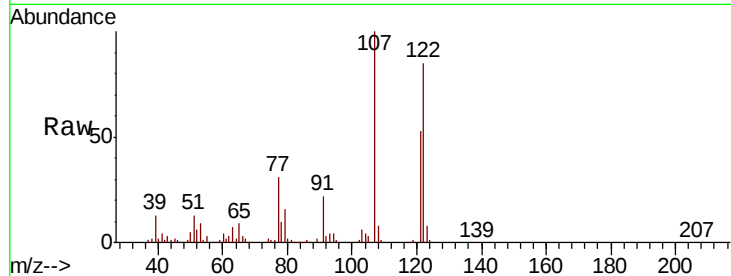
#27
2,4-Dimethylphenol
Concen: 48.732 ng
RT: 10.01 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	249561		
107	117.3	91.3	136.9	
121	61.7	49.2	73.8	

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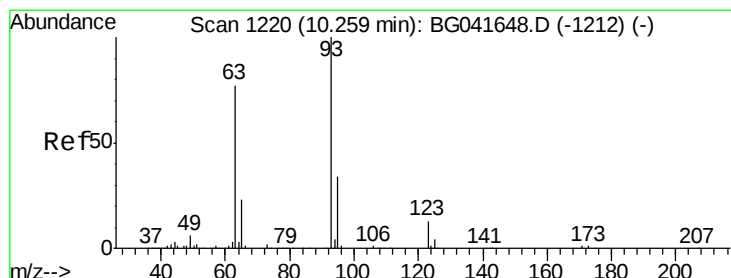
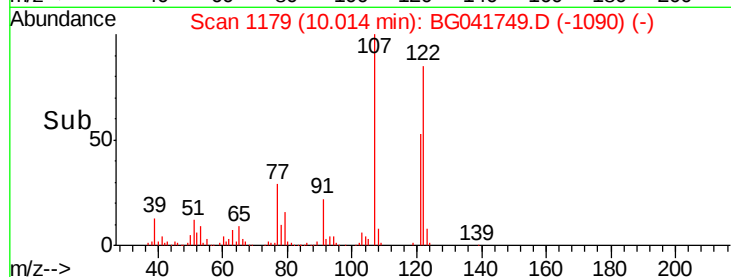
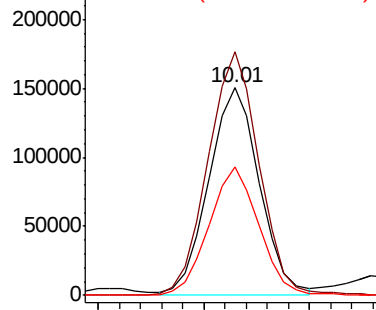


Abundance

Ion 122.00 (121.70 to 122.70): E

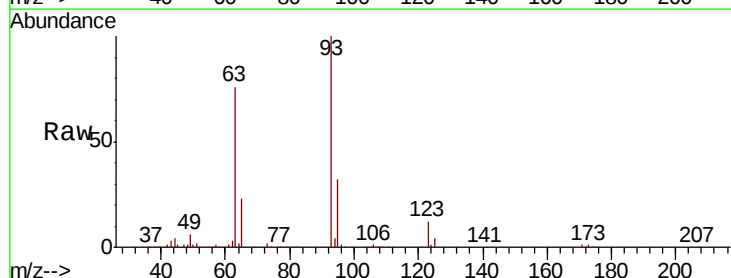
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.850 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	325870		
95	32.5	26.2	39.4	
123	11.7	9.9	14.9	

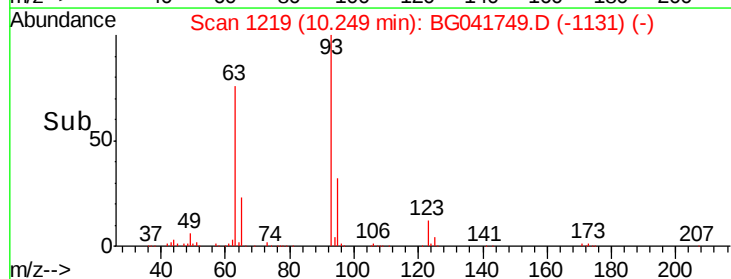
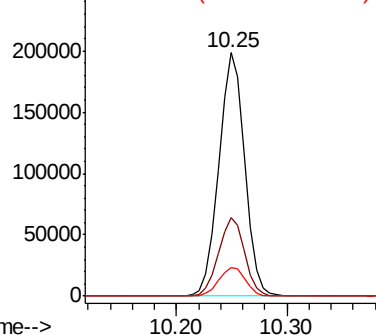


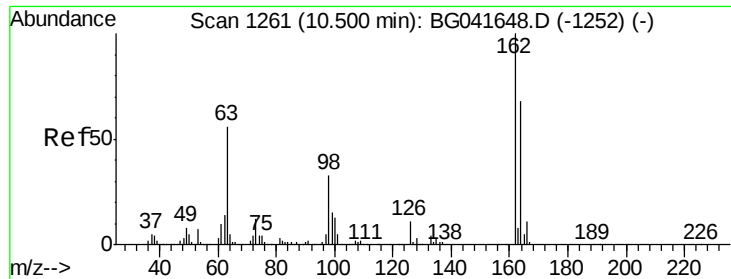
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





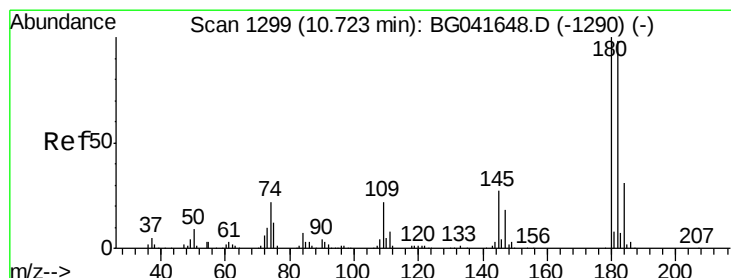
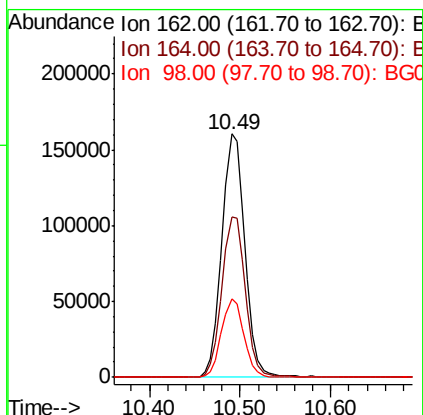
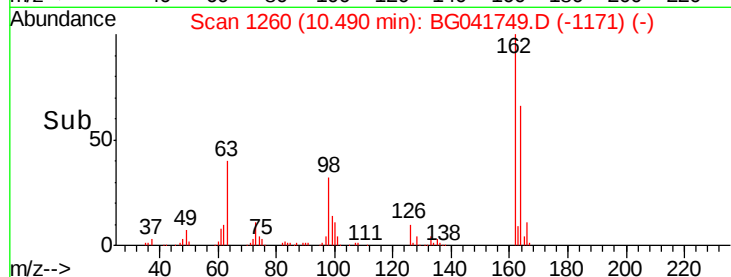
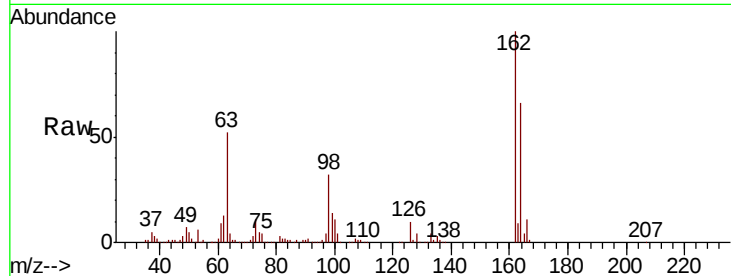
#29
2,4-Dichlorophenol
Concen: 48.621 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	283886		
164	66.2	46.1	86.1	
98	32.3	14.7	54.7	

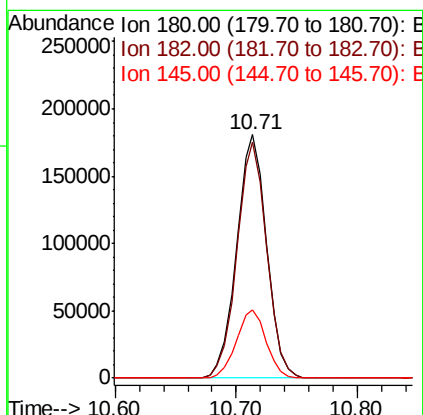
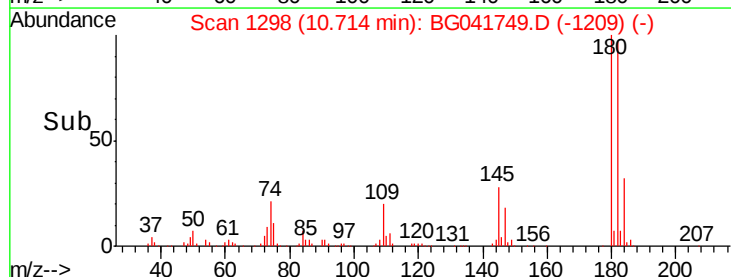
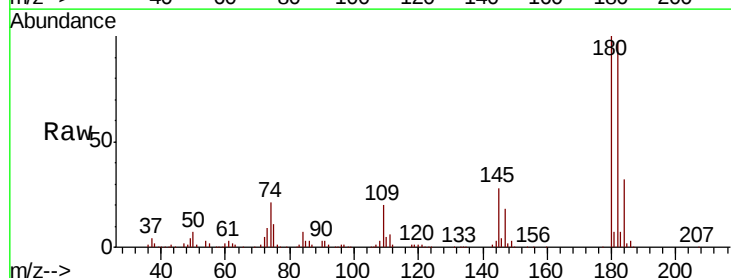
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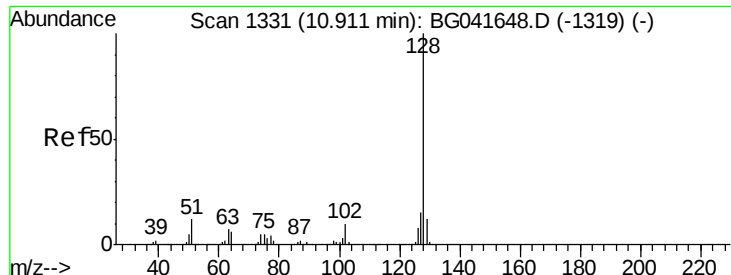
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#30
1,2,4-Trichlorobenzene
Concen: 45.385 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	311141		
182	96.8	76.2	114.2	
145	28.1	23.8	35.8	





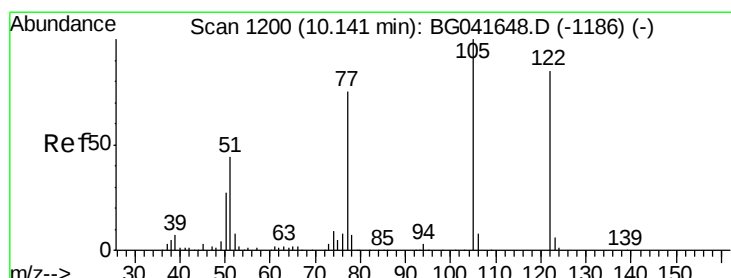
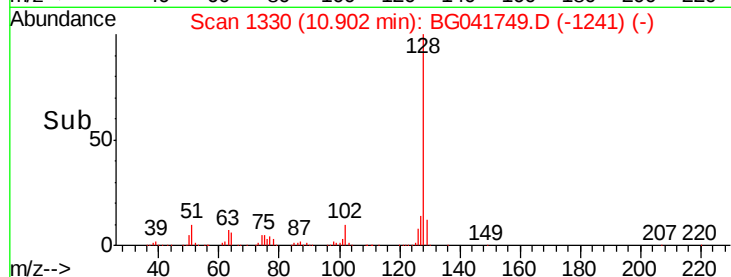
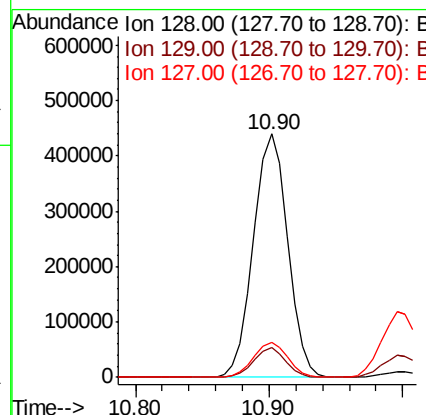
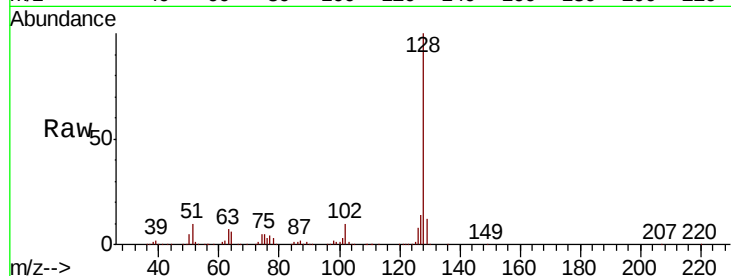
#31
Naphthalene
Concen: 44.075 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	10.0	15.0
127	14.4	12.3	18.5

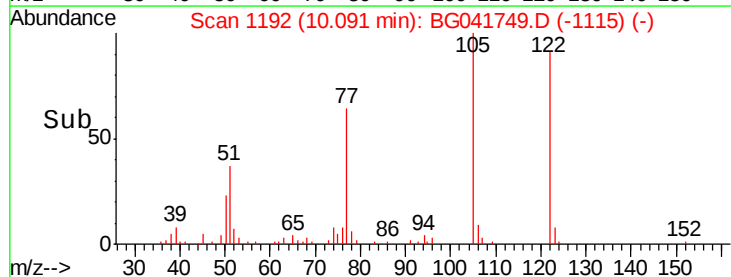
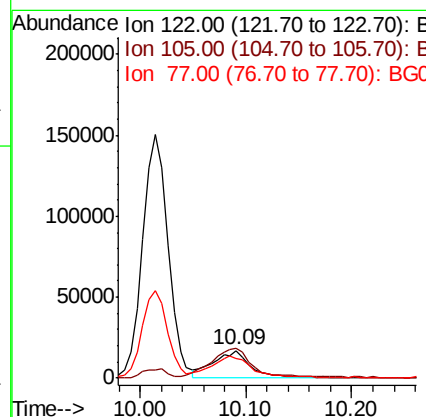
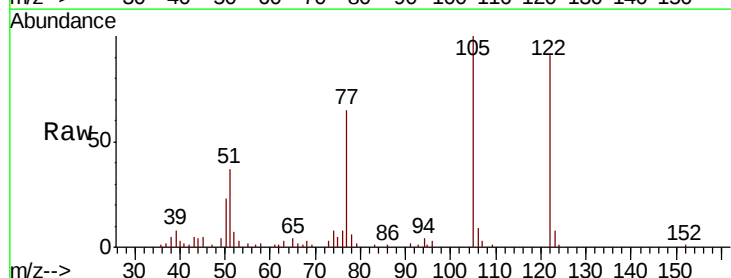
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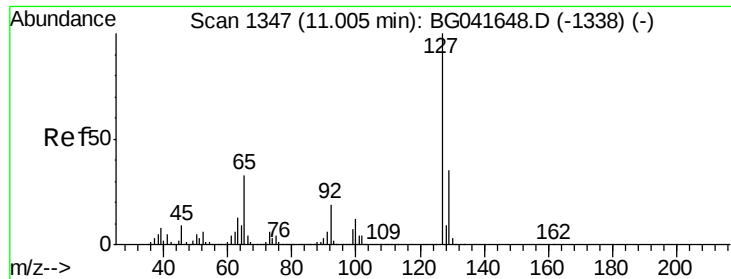
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#32
Benzoic acid
Concen: 15.075 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.08 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	109.7	101.5	141.5
77	71.5	73.0	113.0#





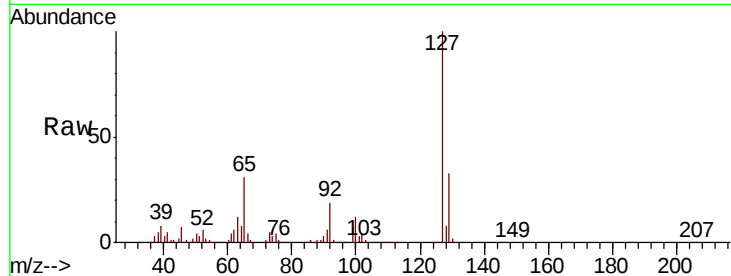
#33
4-Chloroaniline
Concen: 27.697 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

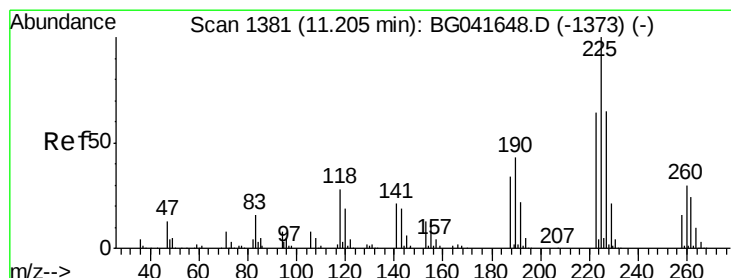
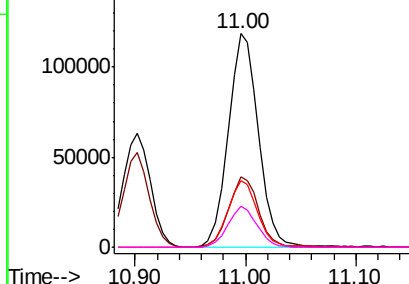
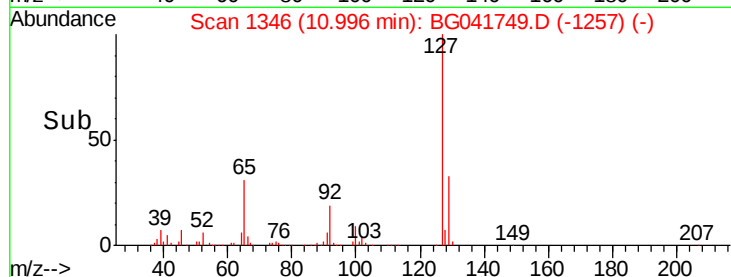
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.8	38.8
65	31.3	26.7	40.1
92	19.2	15.4	23.0

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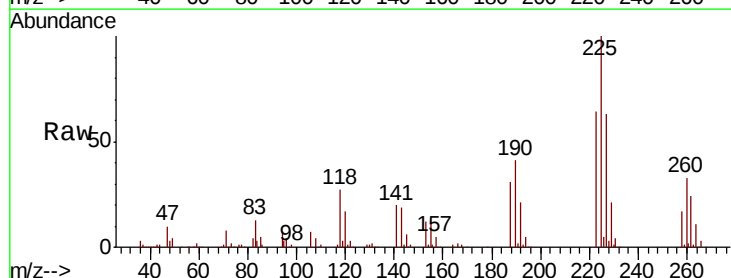


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

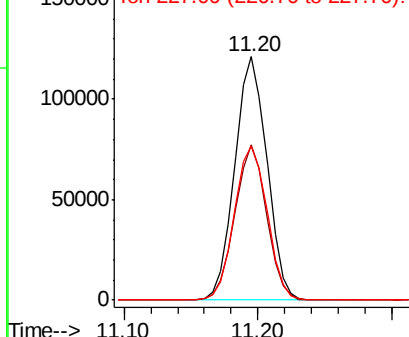
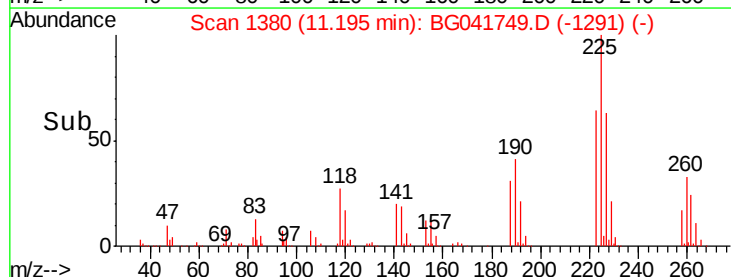


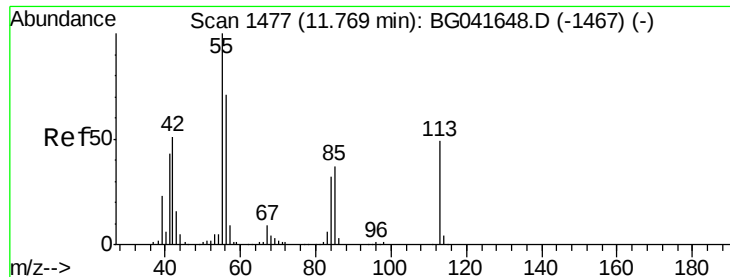
#34
Hexachlorobutadiene
Concen: 45.990 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.1	76.7
227	63.2	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: 46.463 ng/mL

RT: 11.76 min Scan# 1476

Delta R.T. -0.03 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

Instrument :

BNA_G

ClientSampleID :

GIS-BUILDING-2MS

Tot Ion:113 Resp: 99714

Ion Ratio Lower Upper

113 100

55 202.1 199.4 239.4

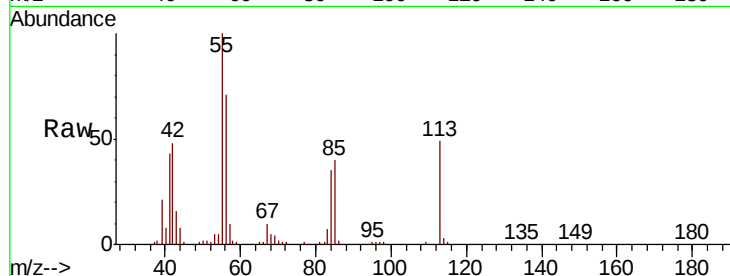
56 144.3 133.6 173.6

Manual Integrations

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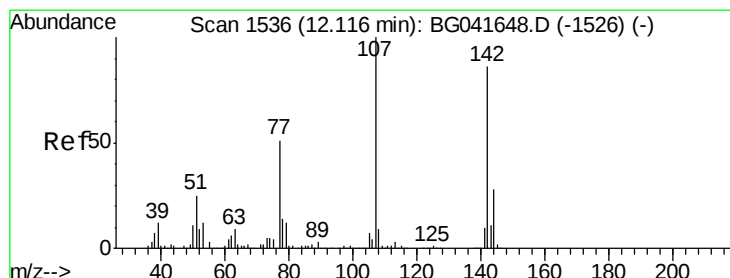
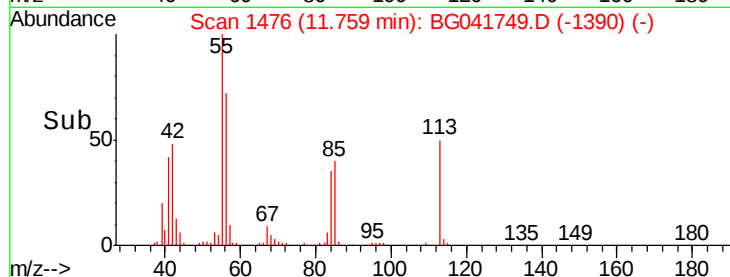
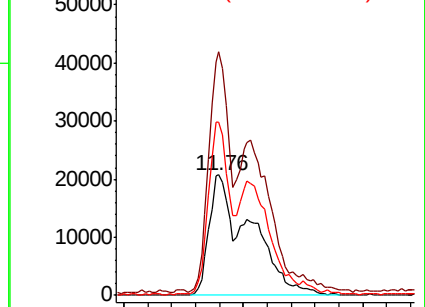
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 46.463 ng/mL

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

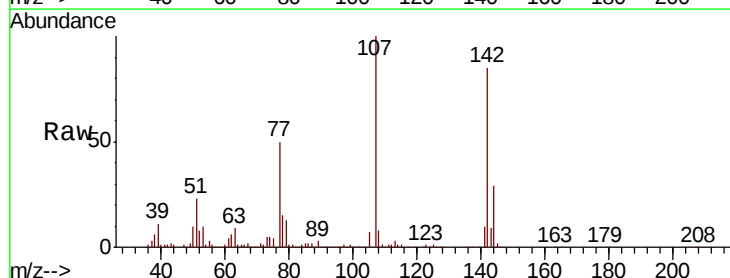
Tgt Ion:107 Resp: 284204

Ion Ratio Lower Upper

107 100

144 28.9 22.2 33.2

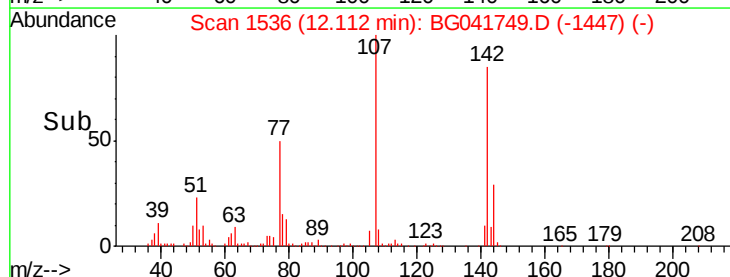
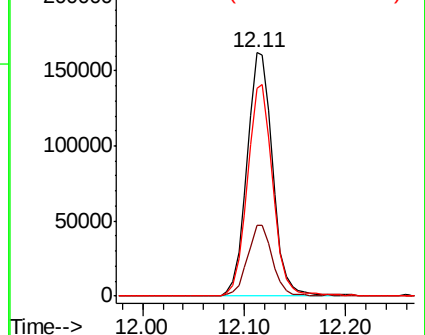
142 85.3 67.3 100.9

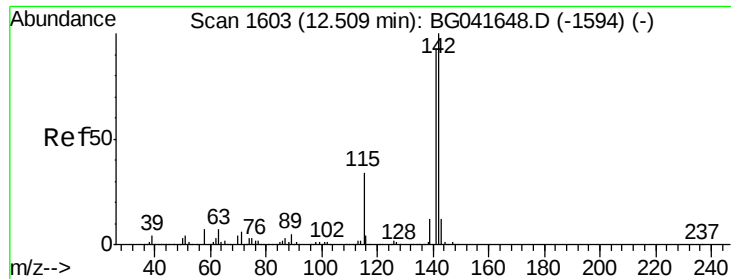


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





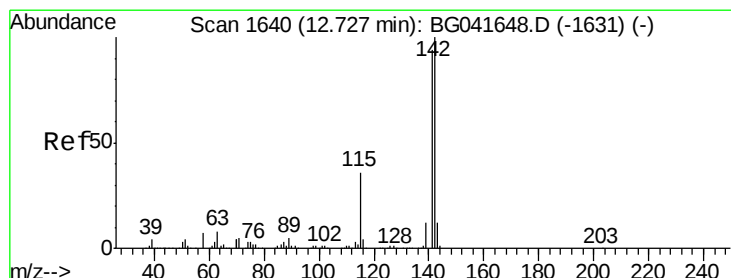
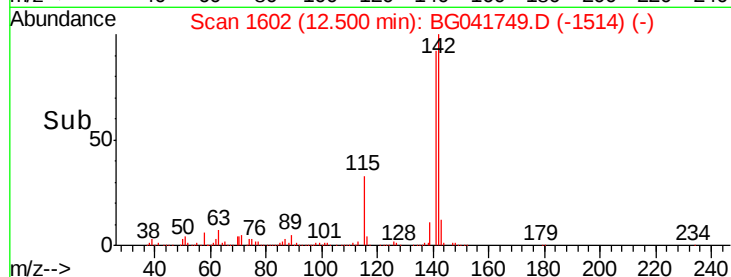
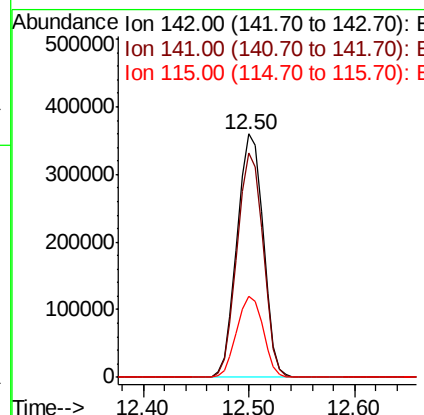
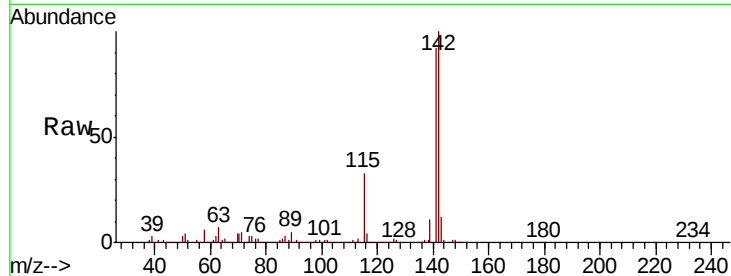
#37
2-Methylnaphthalene
Concen: 45.677 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.7	109.1
115	33.3	27.0	40.4

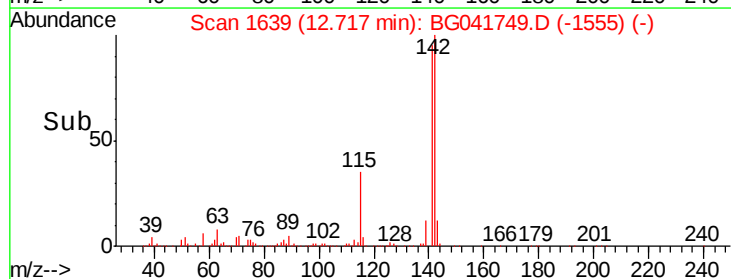
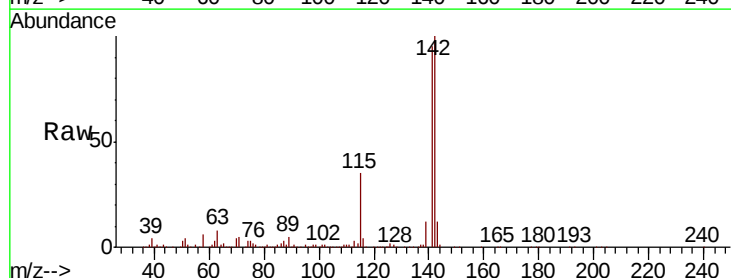
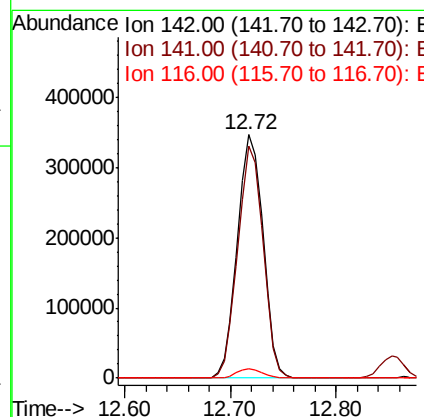
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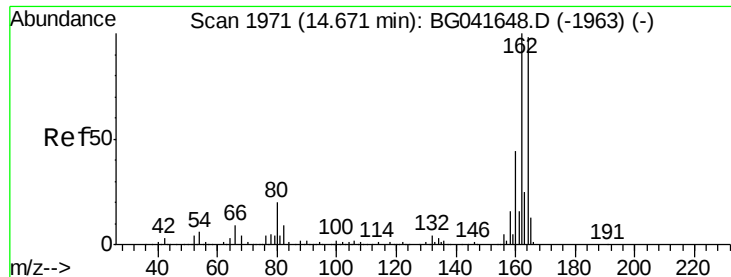
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#38
1-Methylnaphthalene
Concen: 45.263 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	75.4	113.2
116	3.6	3.2	4.8





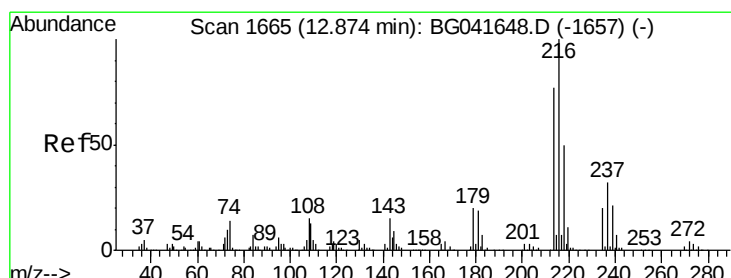
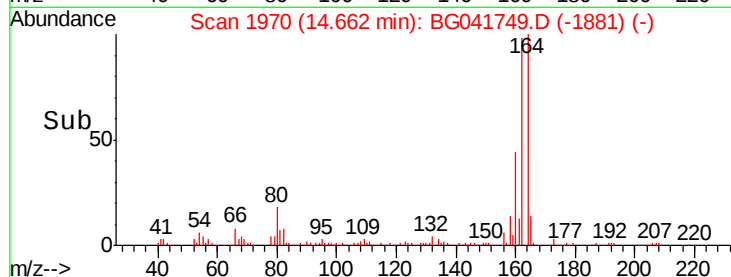
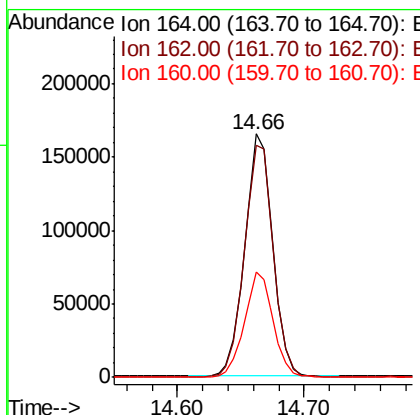
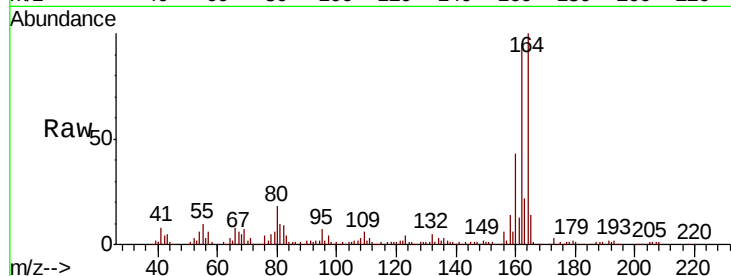
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	95.3	79.6	119.4
160	43.4	35.4	53.0

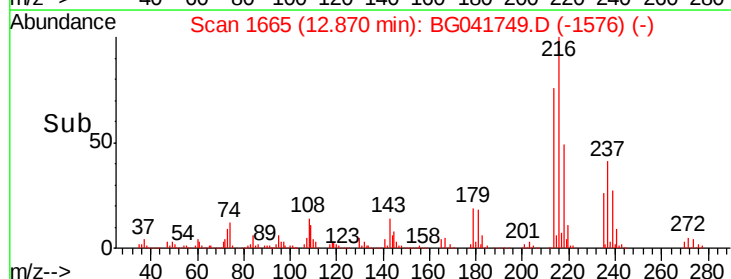
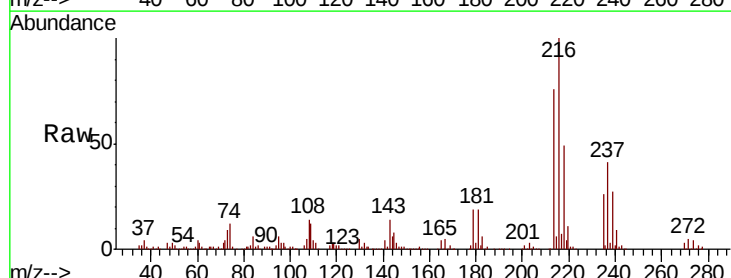
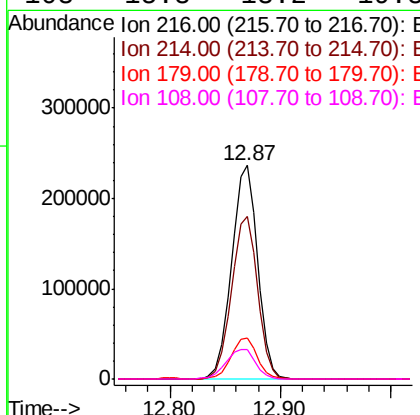
Manual Integrations
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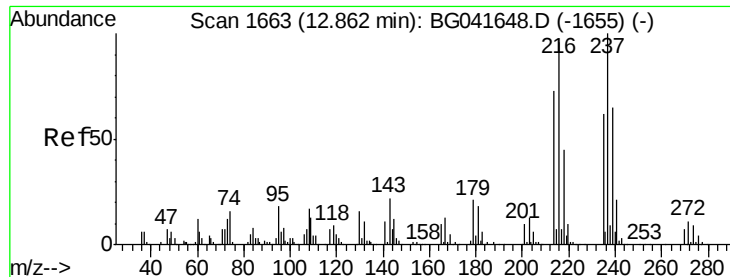
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.150 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.6	61.5	92.3
179	19.0	16.2	24.2
108	15.8	13.2	19.8





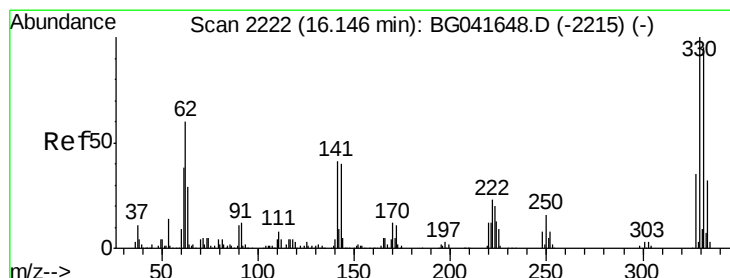
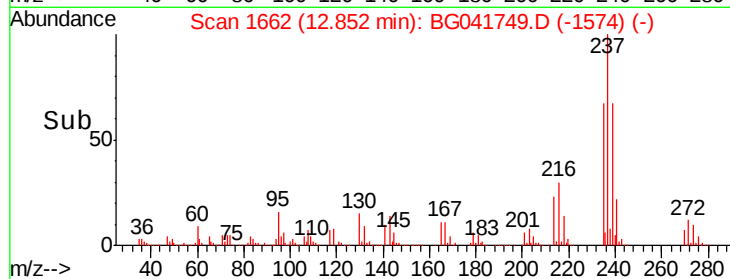
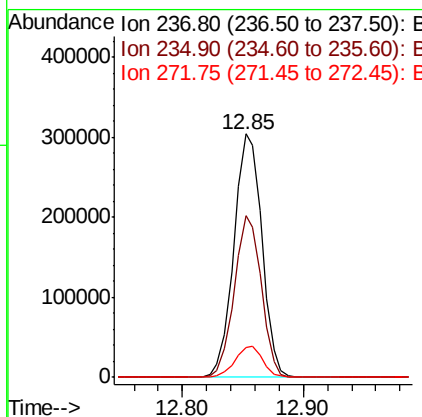
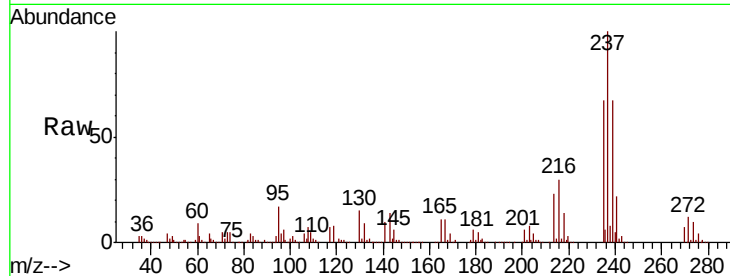
#41
Hexachlorocyclopentadiene
Concen: 100.324 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion:	237	Resp:	489737
Ion Ratio		Lower	Upper
237	100		
235	66.6	43.5	83.5
272	12.3	0.0	31.2

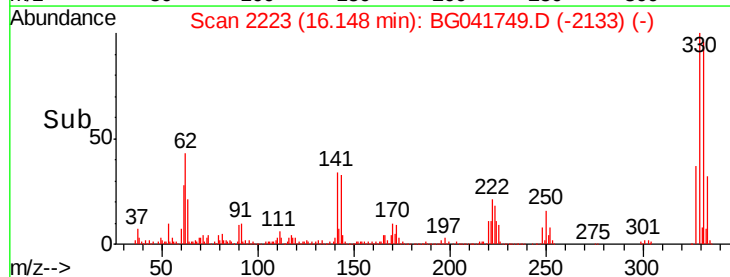
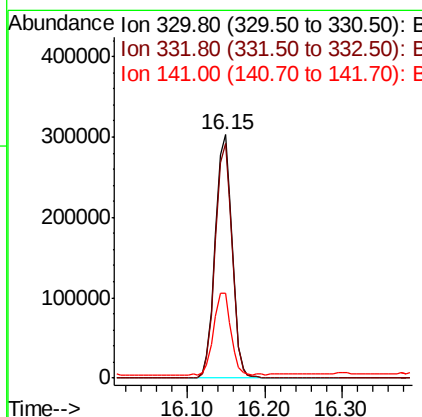
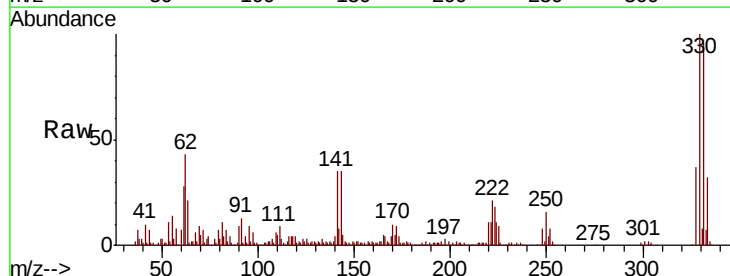
Manual Integrations
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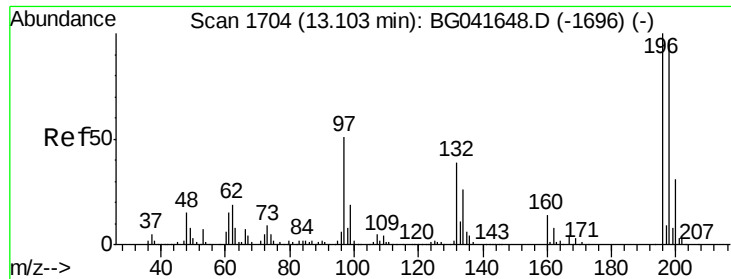
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#42
2,4,6-Tribromophenol
Concen: 160.071 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion:	330	Resp:	454475
Ion Ratio		Lower	Upper
330	100		
332	96.1	77.4	116.0
141	35.1	31.9	47.9





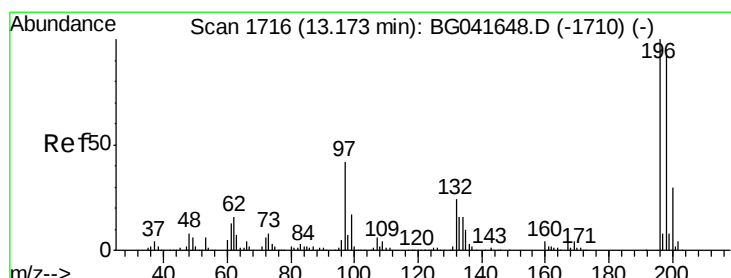
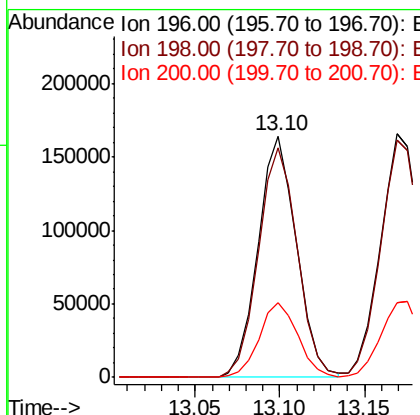
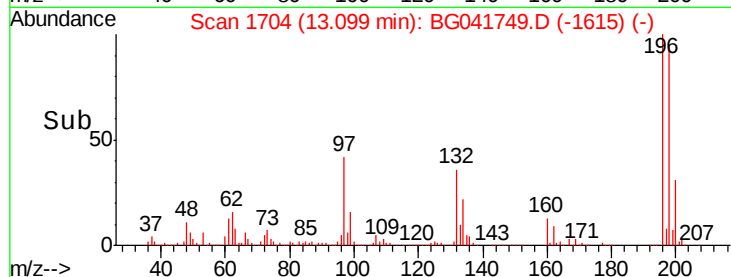
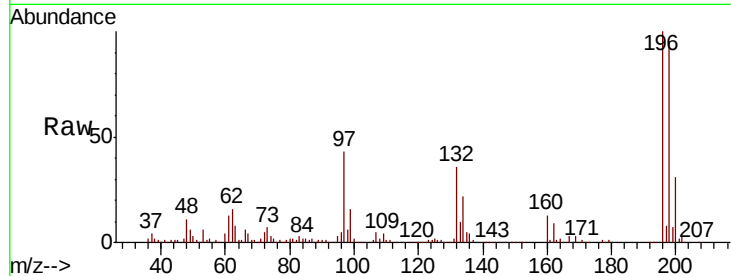
#43
 2,4,6-Trichlorophenol
 Concen: 46.197 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG041749.D
 Acq: 22 Jul 2019 14:43

Instrument :
 BNA_G
 ClientSampleId :
 GIS-BUILDING-2MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	259035		
198	95.0	79.6	119.4	
200	31.0	25.2	37.8	

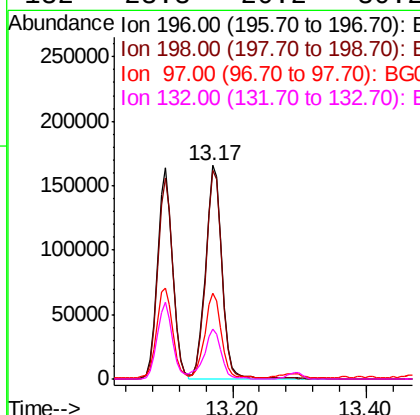
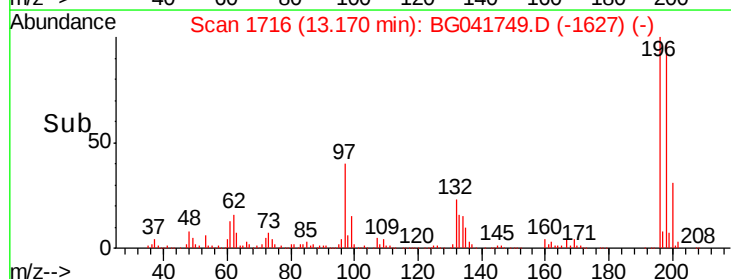
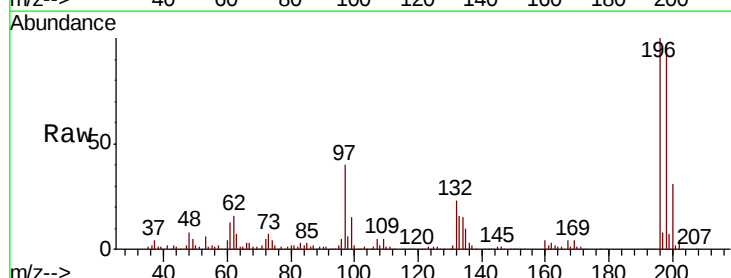
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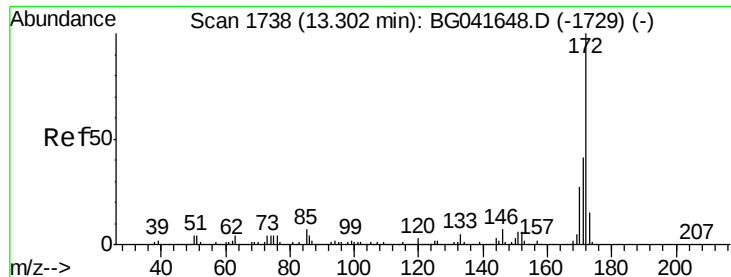
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 47.705 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG041749.D
 Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	281825		
198	97.5	80.6	121.0	
97	40.2	33.9	50.9	
132	23.3	20.2	30.2	





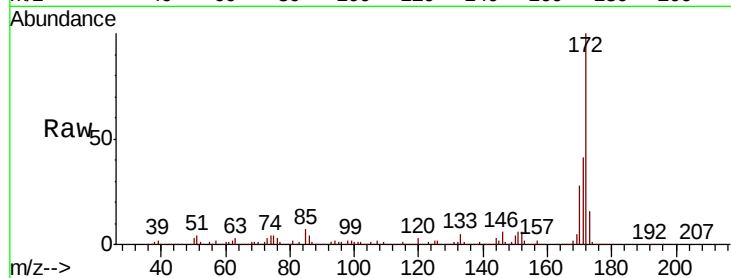
#45
2-Fluorobiphenyl
Concen: 89.702 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.1	35.0	52.4
170	27.9	23.5	35.3

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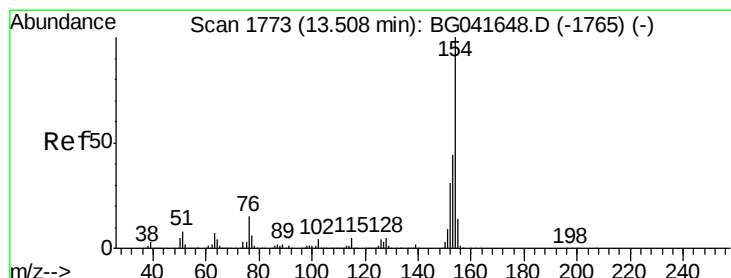
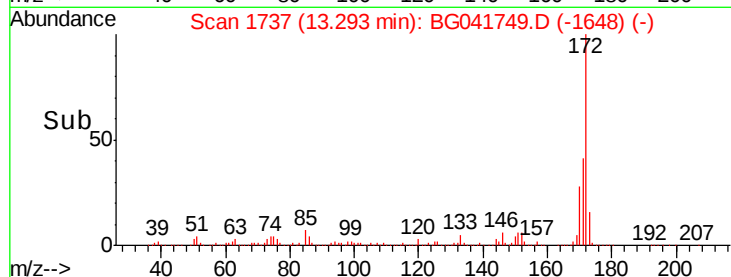
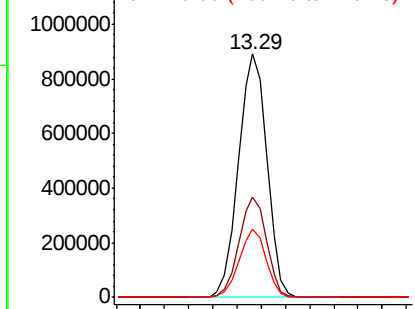


Abundance

Ion 172.00 (171.70 to 172.70): E

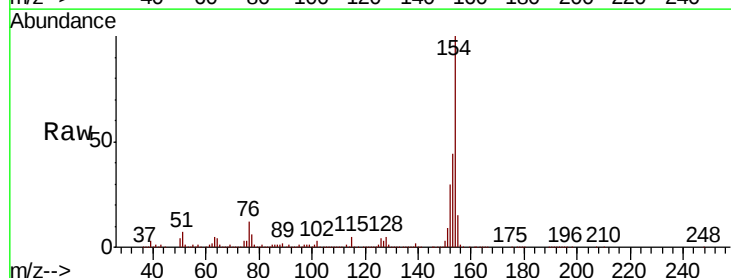
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.766 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.3	25.0	65.0
76	11.9	0.0	34.5

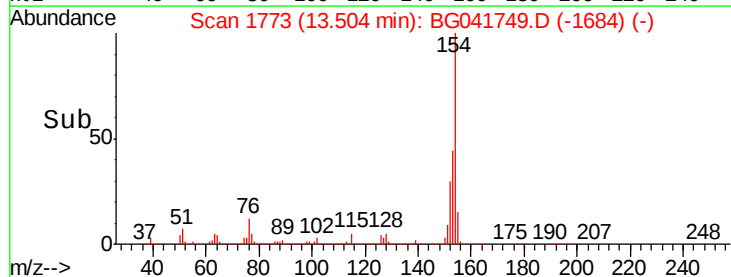
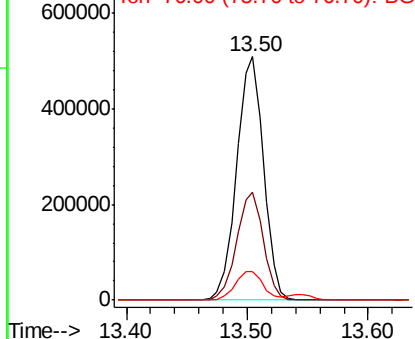


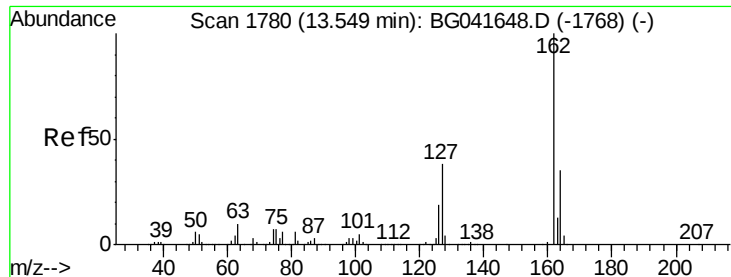
Abundance

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





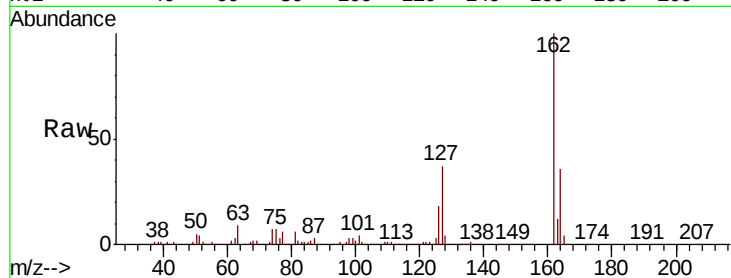
#47
2-Chloronaphthalene
Concen: 40.750 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	30.4	45.6
164	35.6	28.6	42.8

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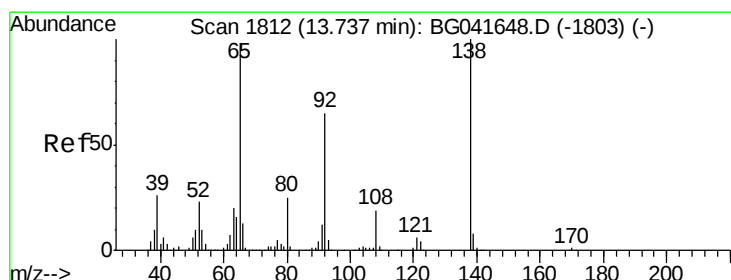
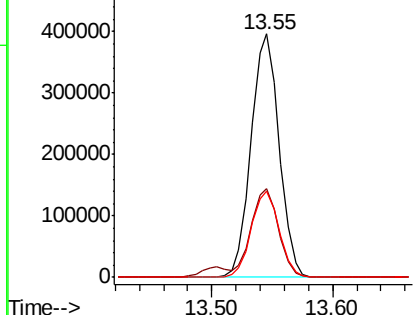
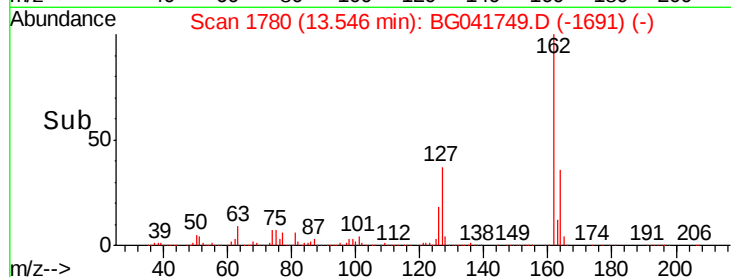


Abundance

Ion 162.00 (161.70 to 162.70): E

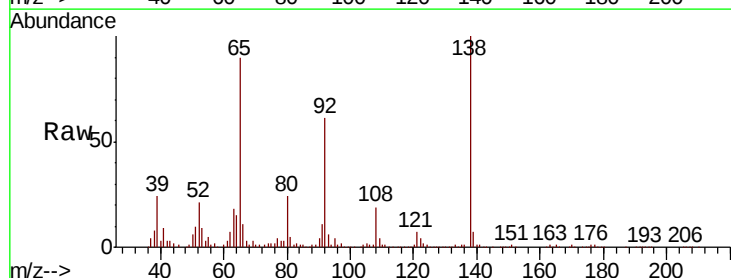
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 40.787 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	53.9	80.9
138	111.7	83.5	125.3

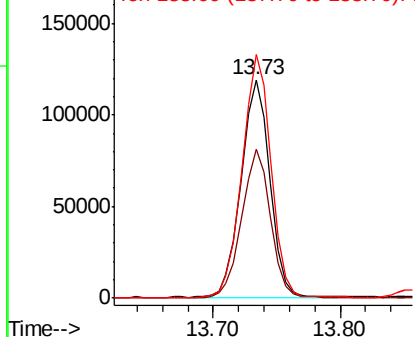
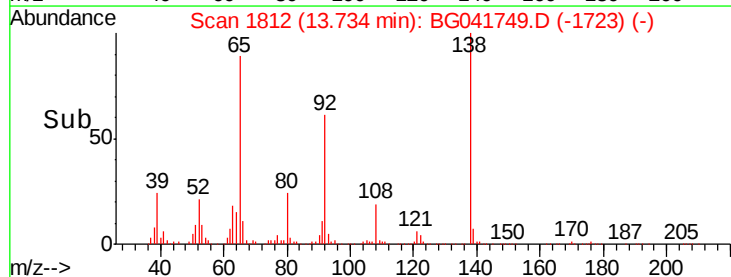


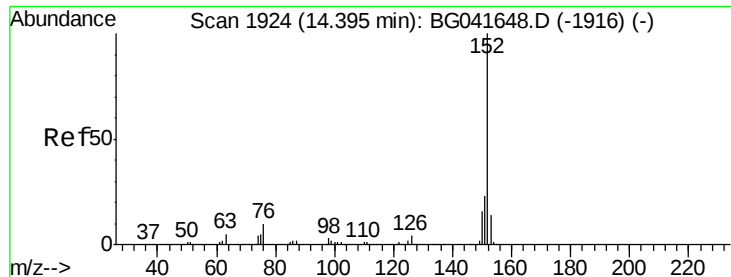
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.799 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

Instrument :

BNA_G

ClientSampleId :

GIS-BUILDING-2MS

Tot Ion:152 Resp: 1001864

Ion Ratio Lower Upper

152 100

151 23.4 18.7 28.1

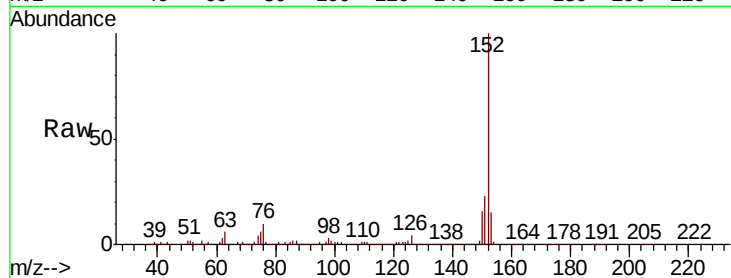
153 14.6 12.4 18.6

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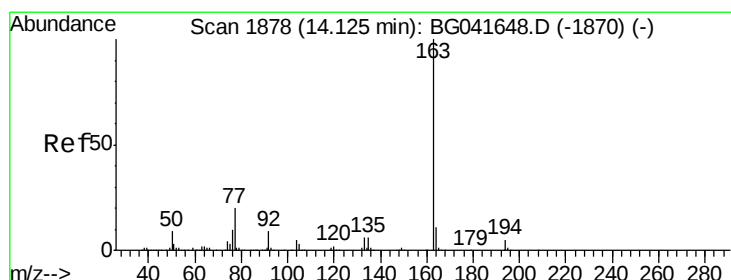
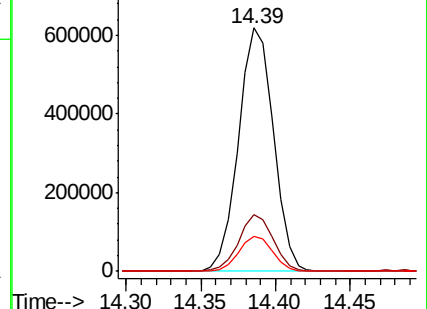
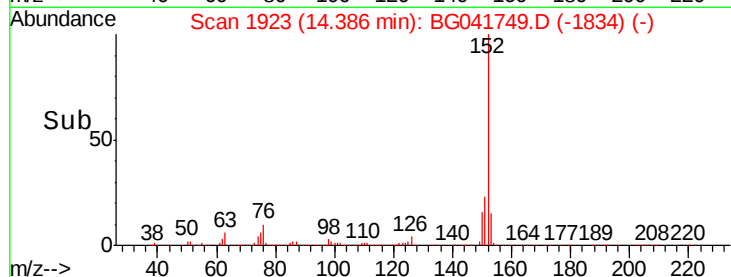
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.577 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

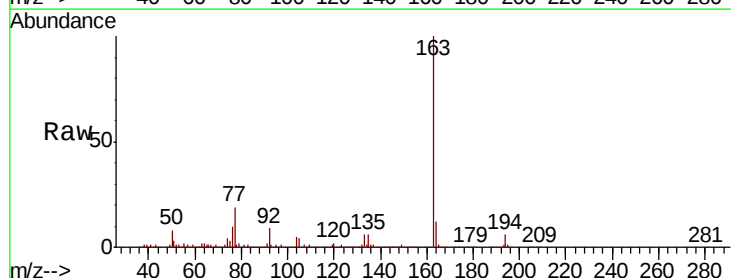
Tgt Ion:163 Resp: 901799

Ion Ratio Lower Upper

163 100

194 5.6 4.2 6.2

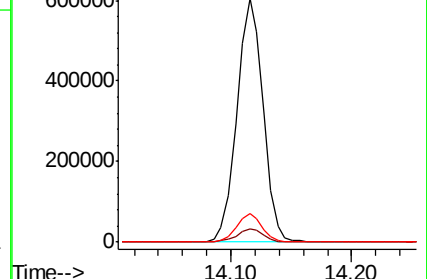
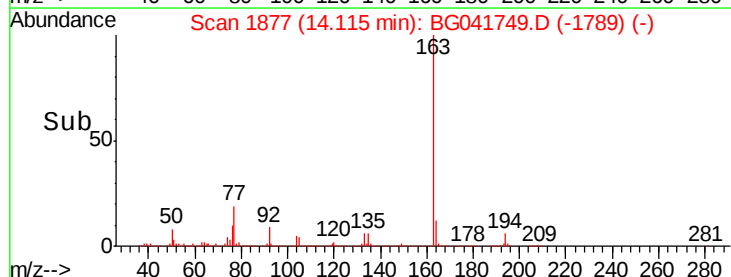
164 11.8 9.4 14.2

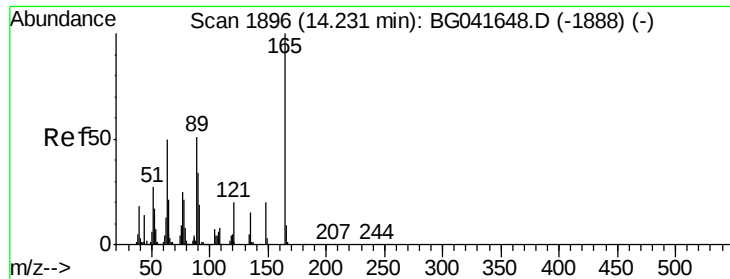


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





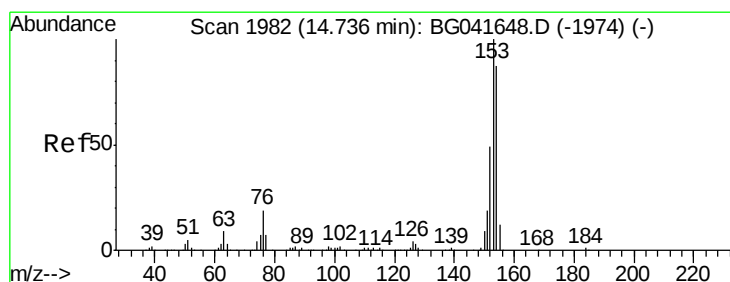
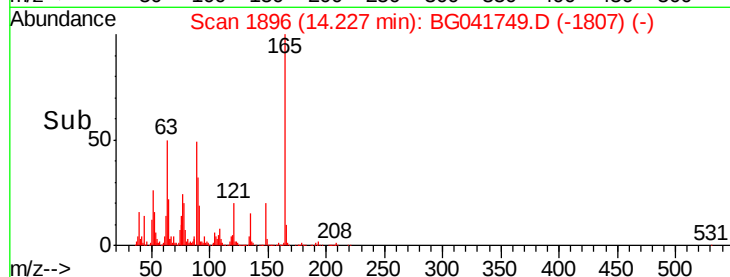
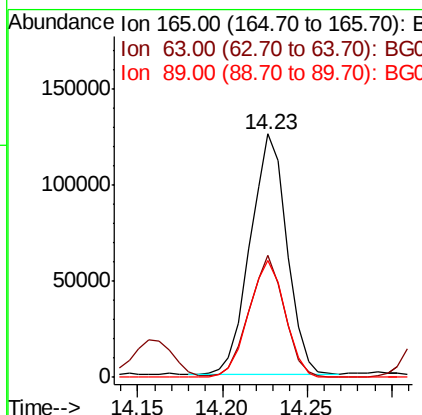
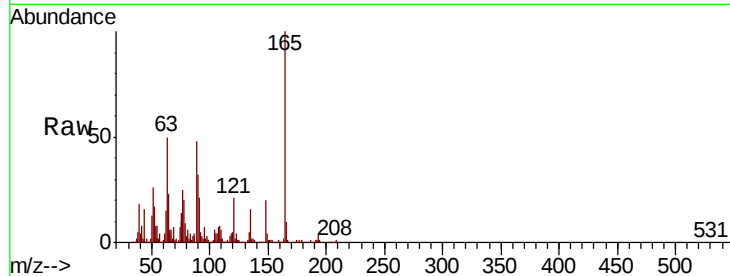
#51
2,6-Dinitrotoluene
Concen: 44.769 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.3	42.4	63.6
89	48.2	42.1	63.1

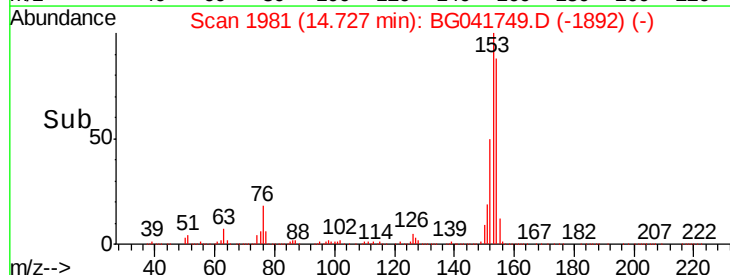
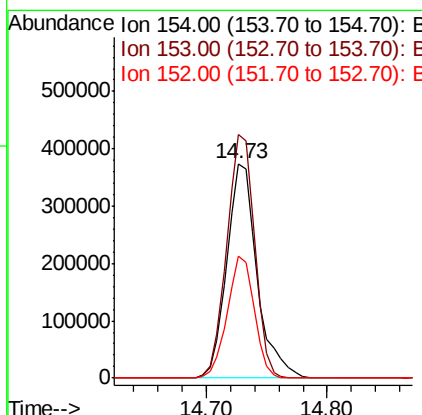
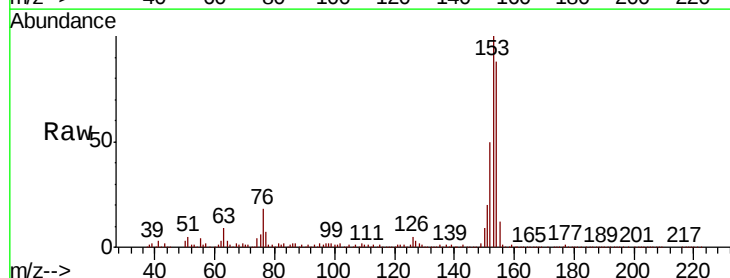
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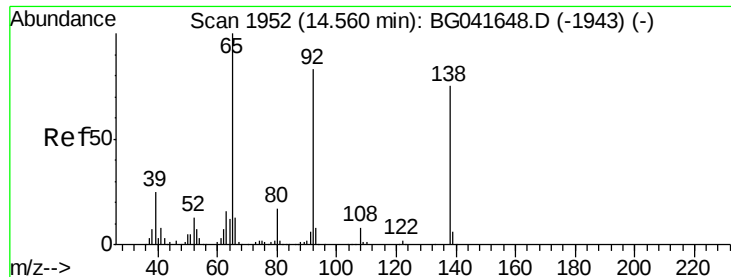
mohammad
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#52
Acenaphthene
Concen: 42.005 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	89.8	134.6
152	56.8	44.9	67.3





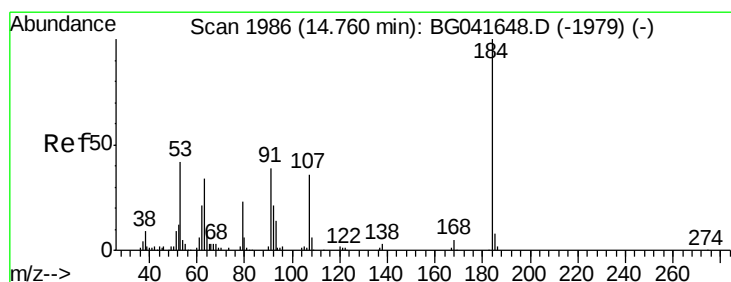
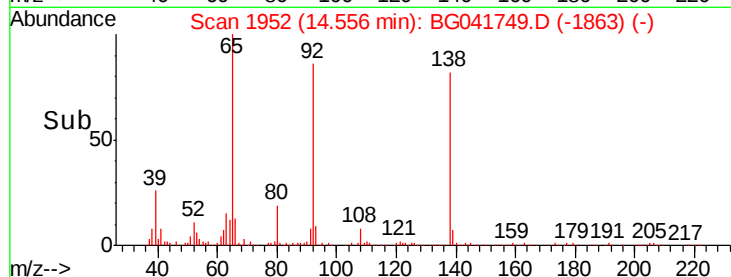
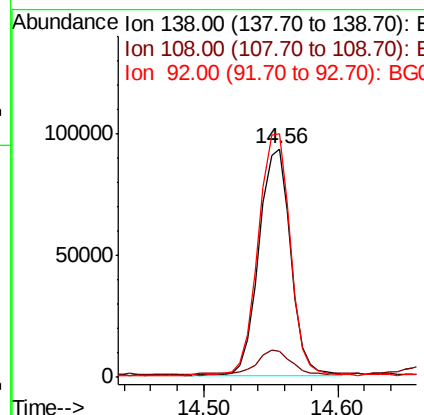
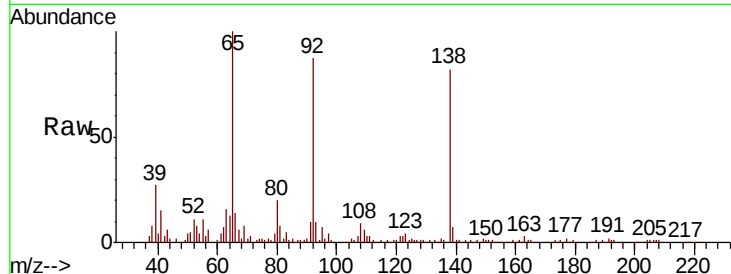
#53
3-Nitroaniline
Concen: 33.132 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	10.3	15.5
92	106.4	93.0	139.4

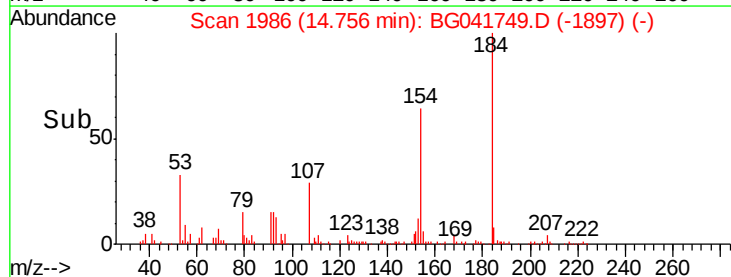
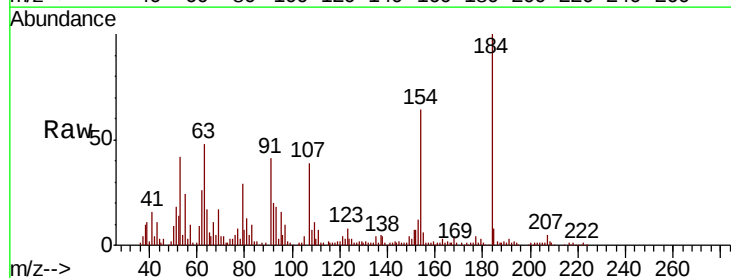
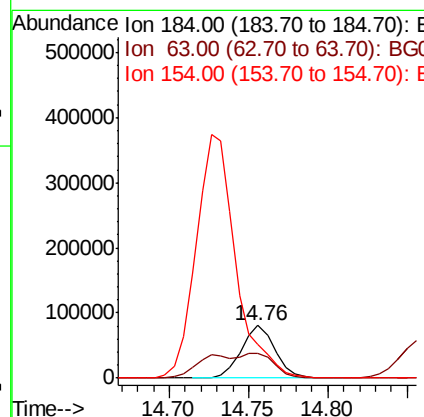
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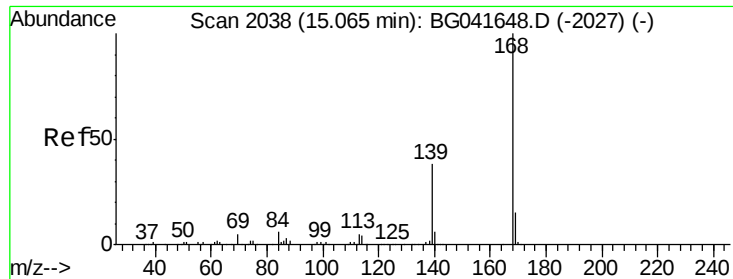
mohammad
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#54
2,4-Dinitrophenol
Concen: 58.779 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.4	43.2	64.8
154	63.7	51.4	77.2





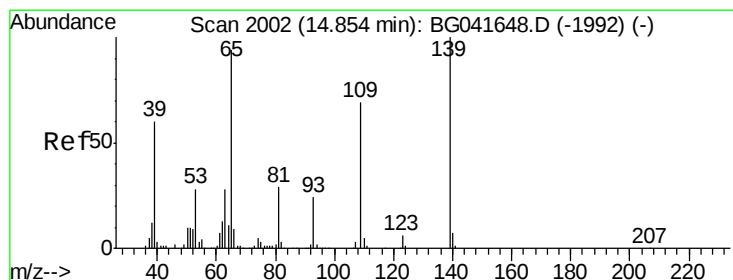
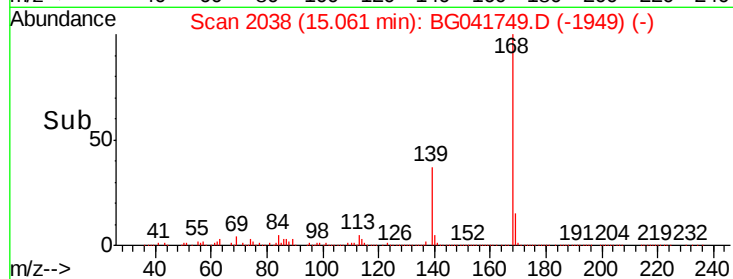
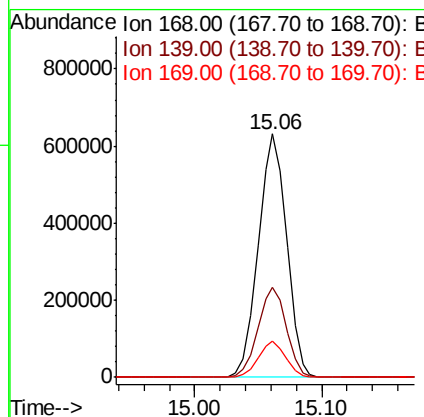
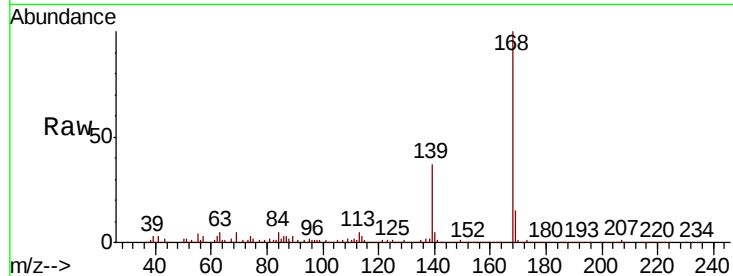
#55
Dibenzenofuran
Concen: 42.282 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	31.9	47.9
169	14.8	12.5	18.7

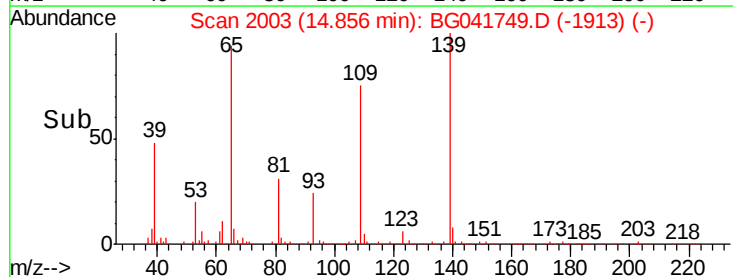
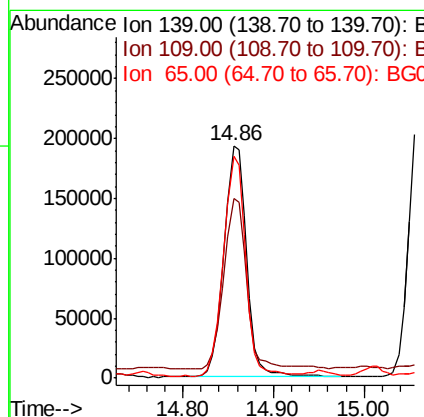
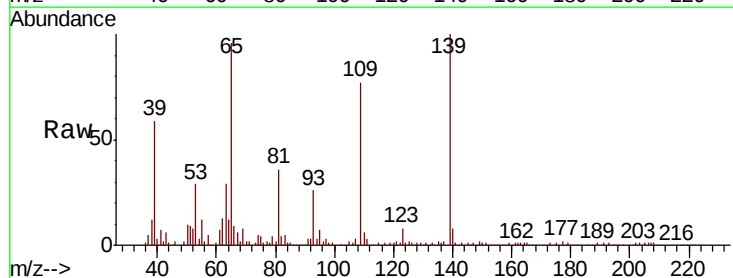
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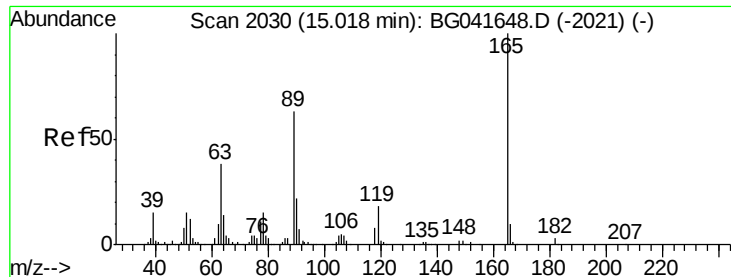
mohammad
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#56
4-Nitrophenol
Concen: 90.247 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.4	51.3	91.3
65	95.5	77.6	117.6





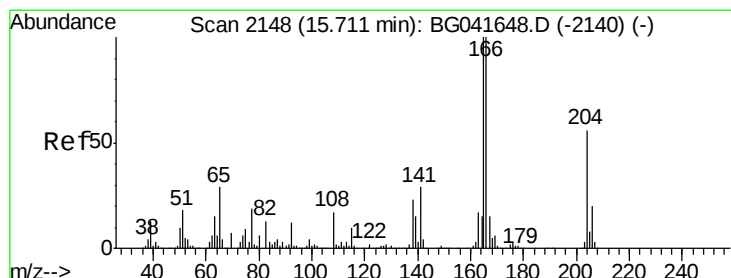
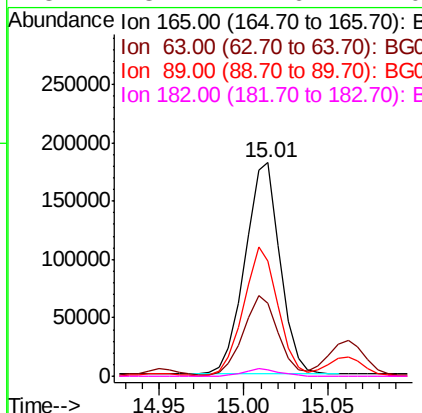
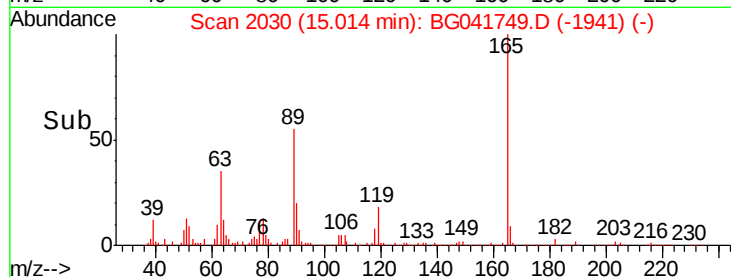
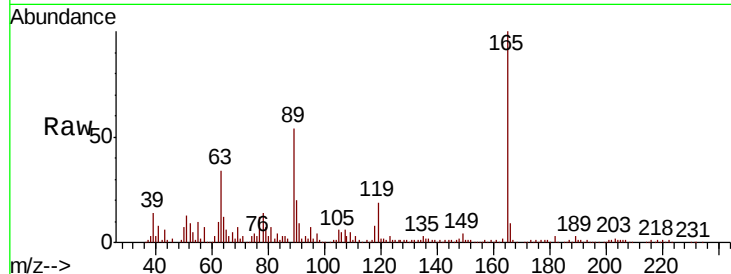
#57
2,4-Dinitrotoluene
Concen: 46.863 ng
RT: 15.01 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		259985		
63	34.4	31.7	47.5		
89	54.0	50.2	75.4		
182	3.2	2.6	4.0		

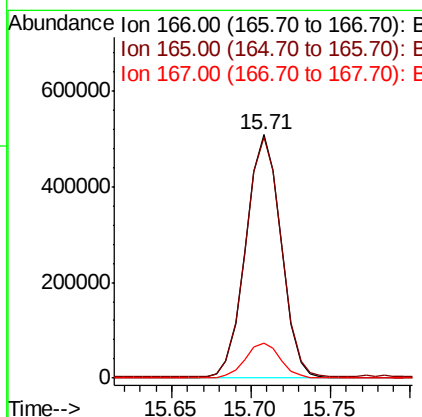
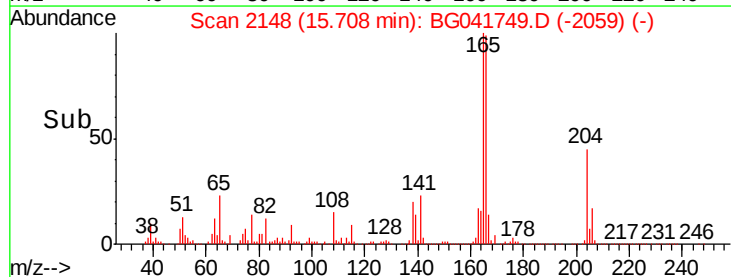
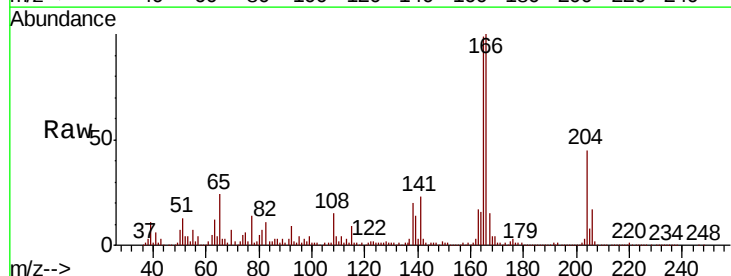
Manual Integrations
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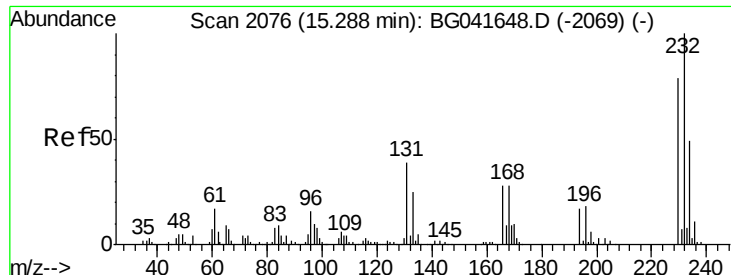
mohammad
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#58
Fluorene
Concen: 41.393 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		782117		
165	98.8	80.5	120.7		
167	14.6	12.4	18.6		





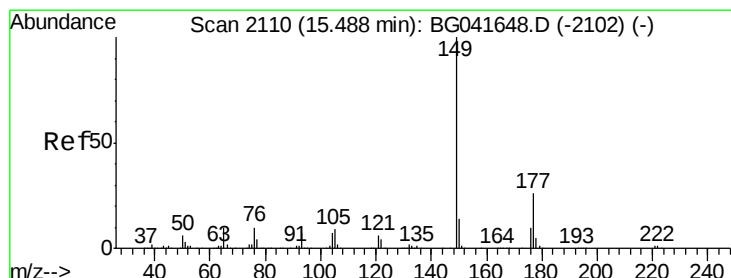
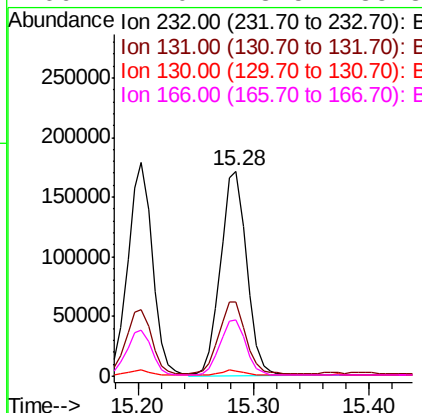
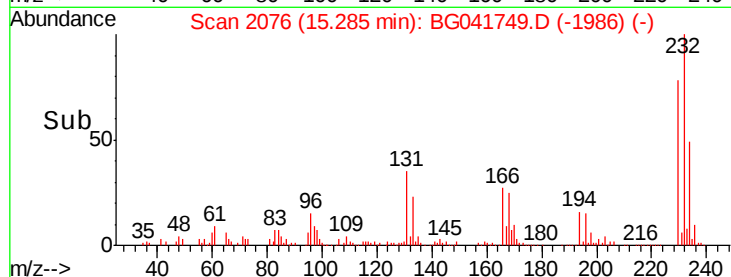
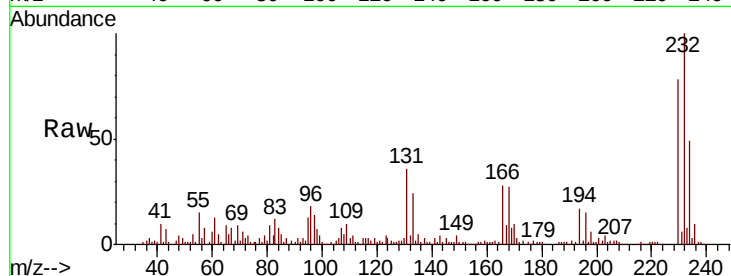
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.669 ng
RT: 15.28 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	270893		
131	35.7		31.8	47.6
130	2.2		1.8	2.8
166	27.0		23.5	35.3

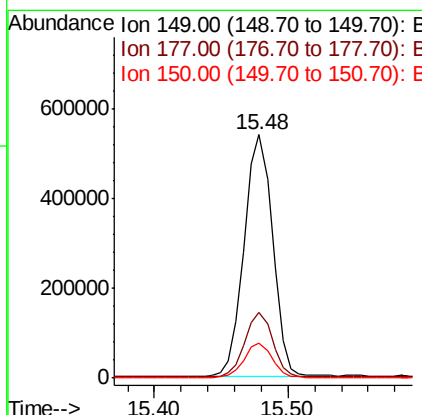
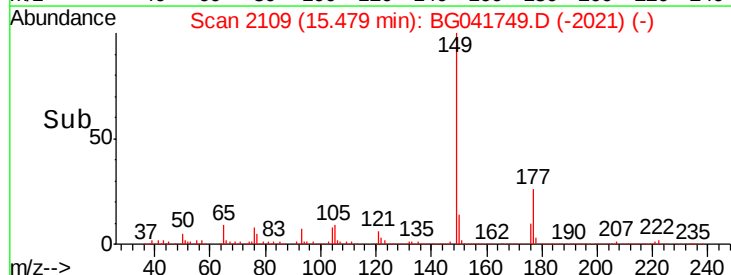
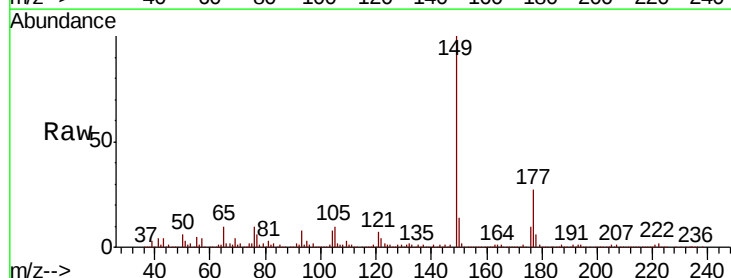
Manual Integrations
APPROVED

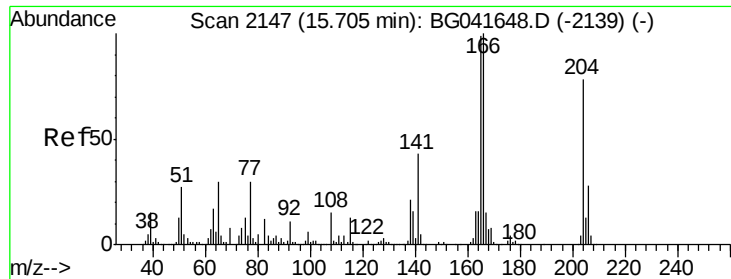
mohammad
7/23/2019 4:24:03 PM



#60
Diethylphthalate
Concen: 39.606 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	789466		
177	26.8		20.7	31.1
150	14.4		11.5	17.3





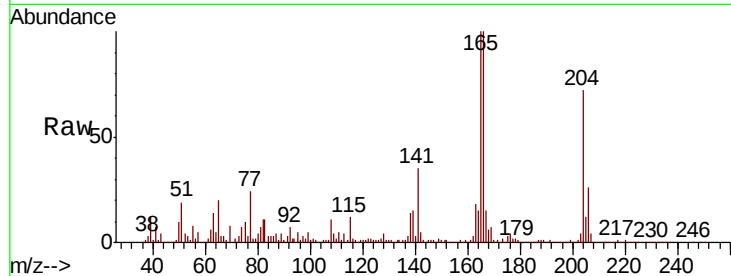
#61
4-Chlorophenyl-phenylether
Concen: 43.134 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.0	28.6	42.8
141	49.4	42.9	64.3

Manual Integrations
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7/23/2019 4:24:03 PM

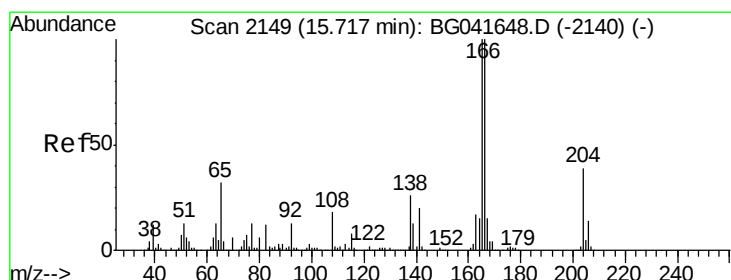
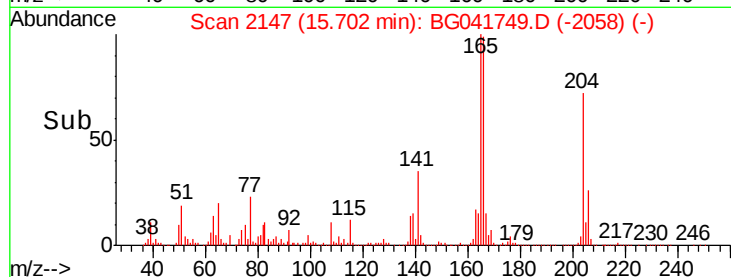
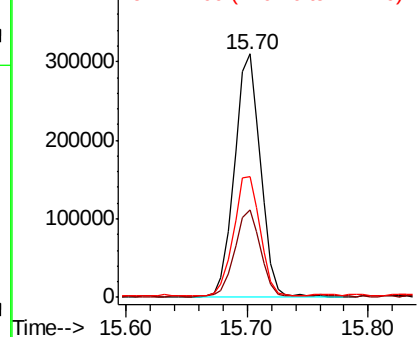


Abundance

Ion 204.00 (203.70 to 204.70): E

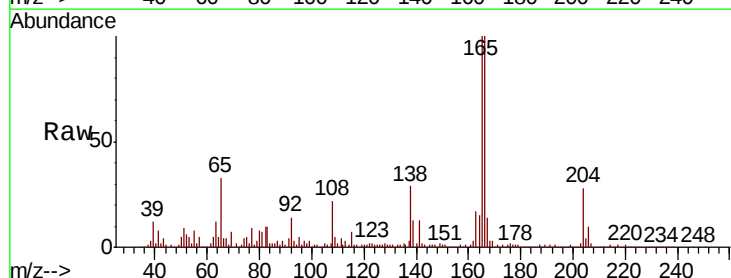
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.635 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	29.8	69.8
108	75.5	52.2	92.2

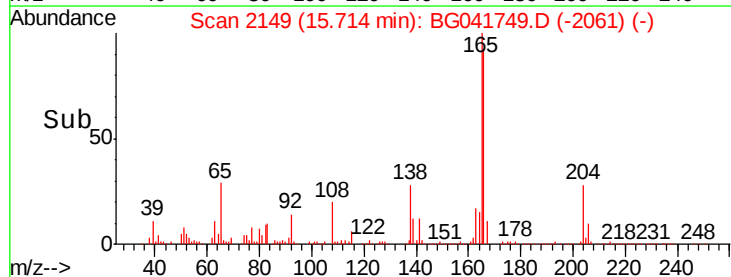
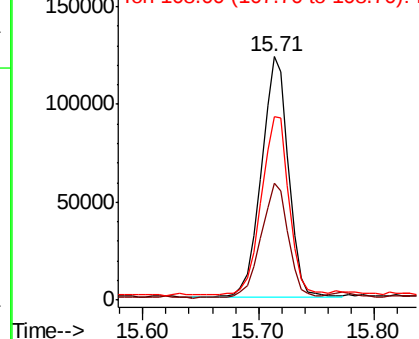


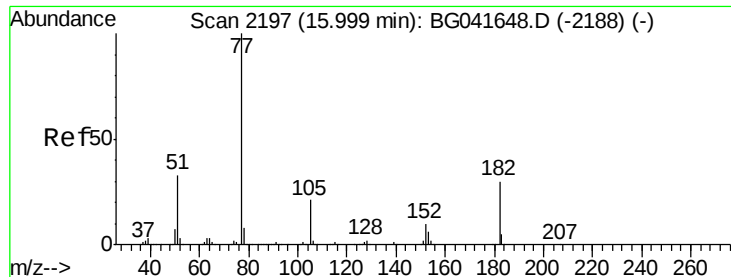
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





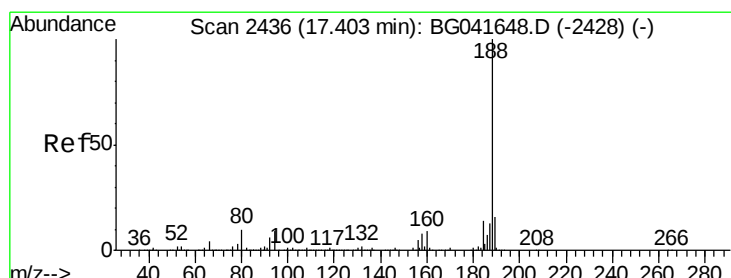
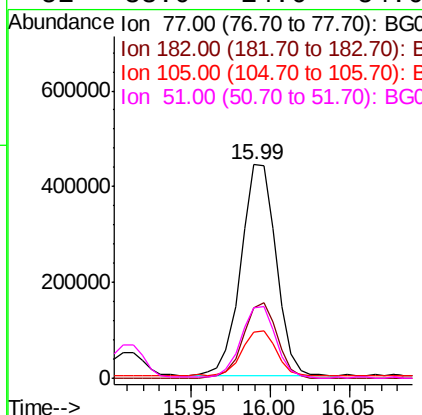
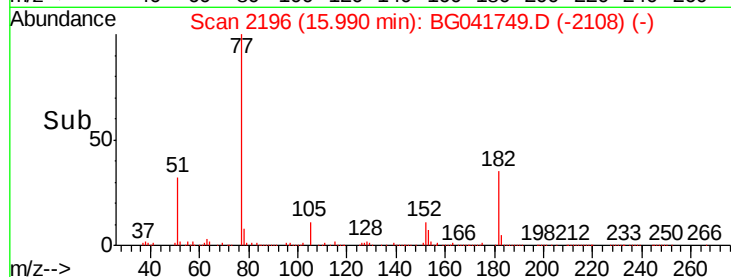
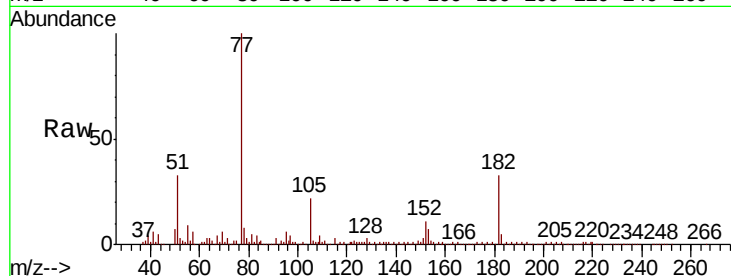
#63
Azobenzene
Concen: 37.502 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.8	13.2	53.2
105	21.6	2.2	42.2
51	33.0	14.6	54.6

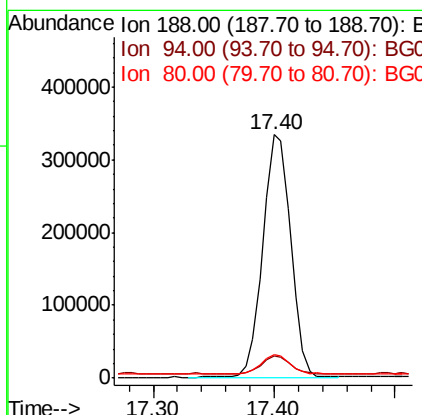
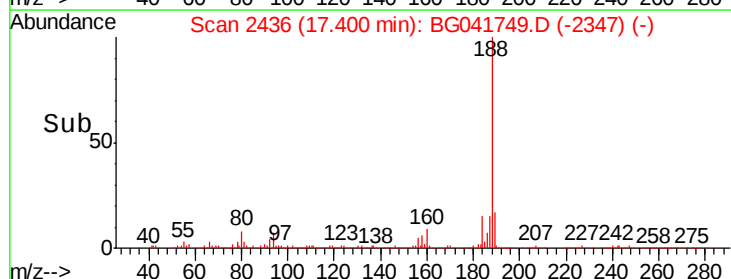
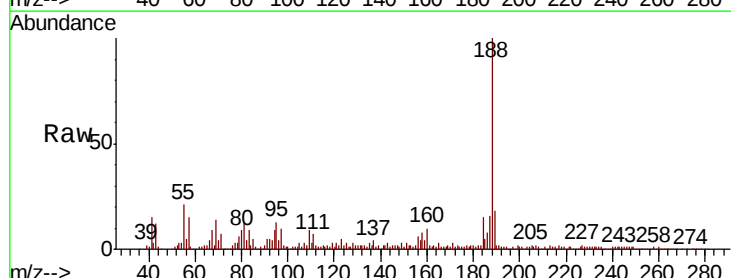
Manual Integrations
APPROVED

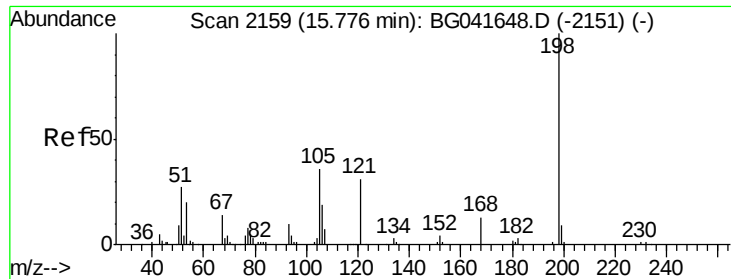
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.9	10.3
80	9.4	8.0	12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 53.422 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

Instrument :

BNA_G

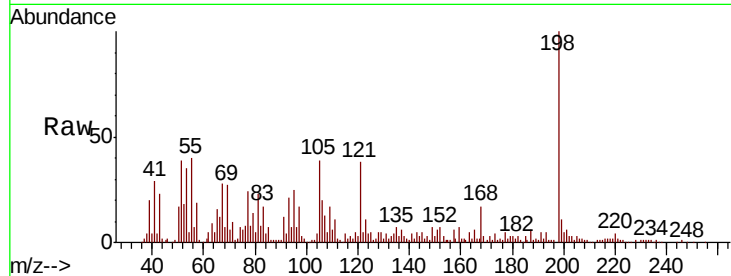
ClientSampleId :

GIS-BUILDING-2MS

Tot Ion:	198	Resp:	136691
Ion Ratio	Lower	Upper	
198	100		
51	39.0	22.3	62.3
105	38.7	18.0	58.0

Manual Integrations
APPROVED

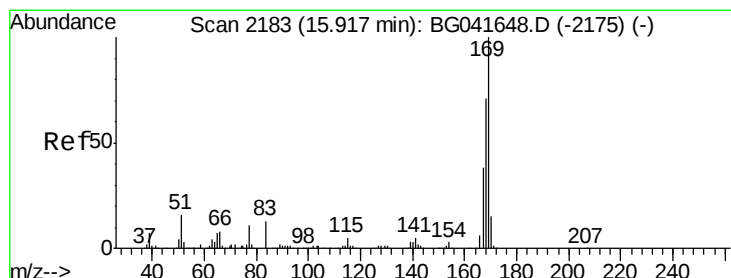
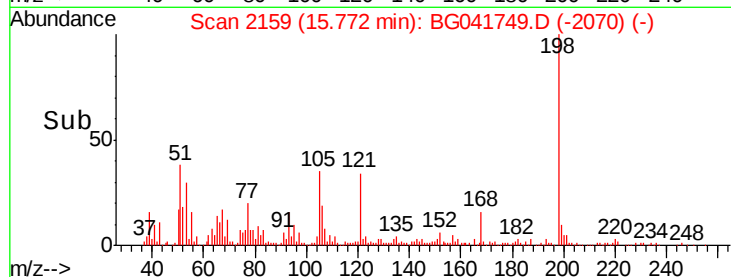
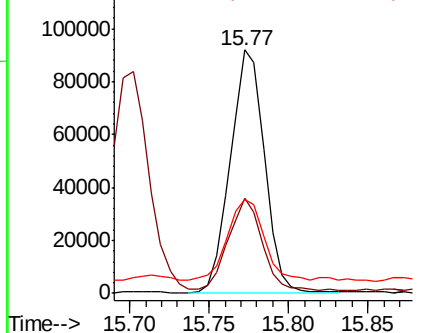
mohammad
7/23/2019 4:24:03 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.909 ng

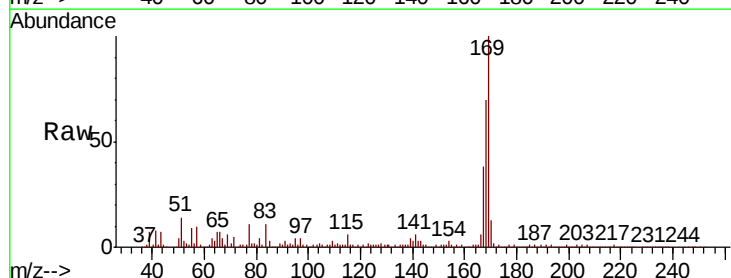
RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

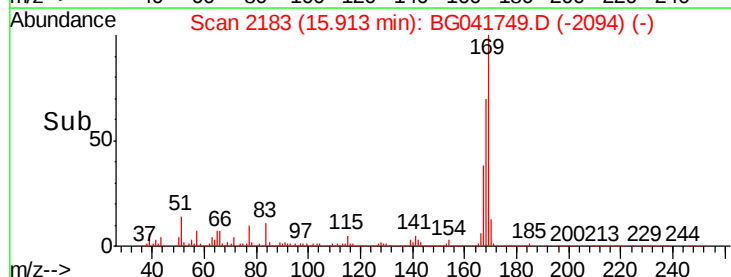
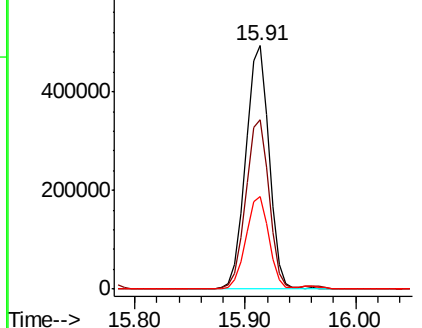
Tgt Ion:	169	Resp:	730524
Ion Ratio	Lower	Upper	
169	100		
168	69.6	56.9	85.3
167	38.1	31.5	47.3

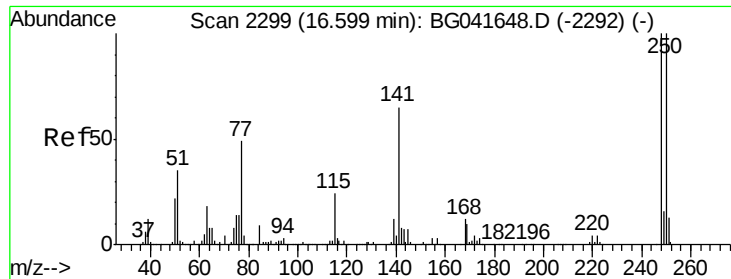


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





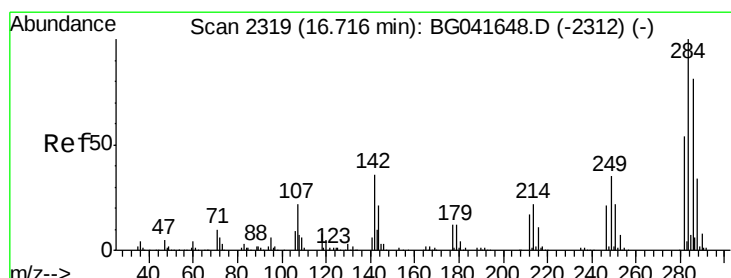
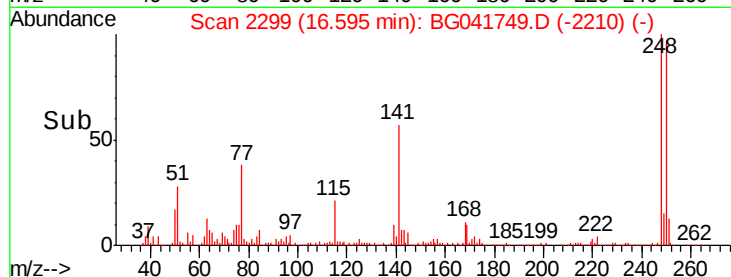
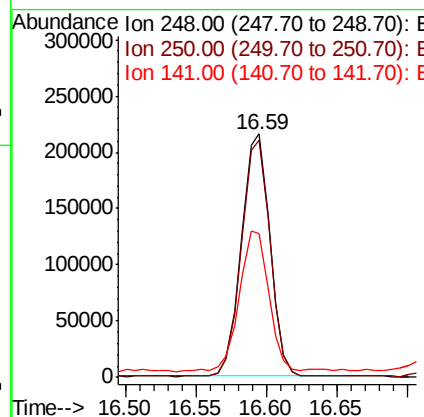
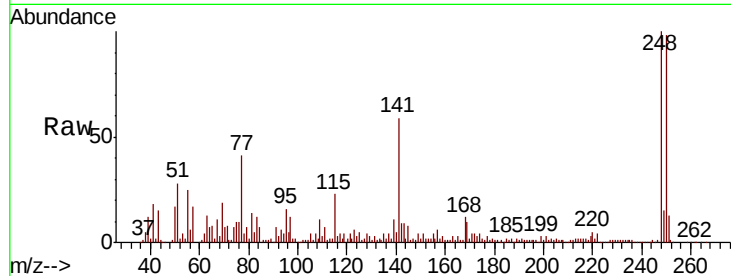
#67
4-Bromophenyl-phenylether
Concen: 48.086 ng
RT: 16.59 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.1	117.1
141	59.1	49.6	74.4

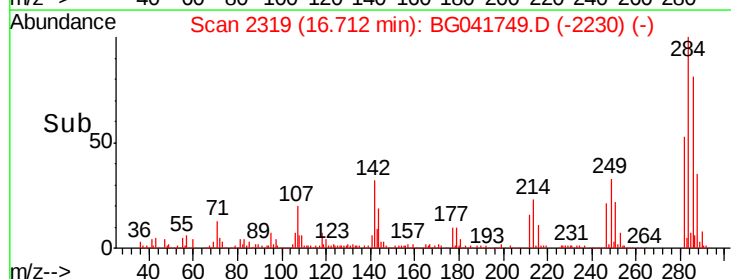
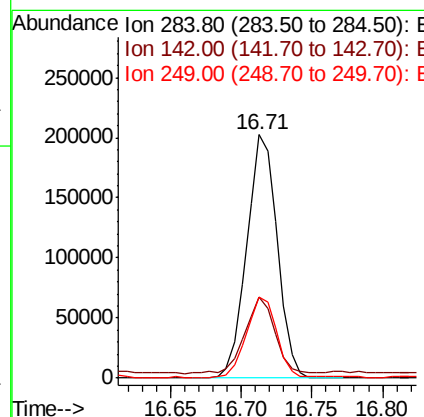
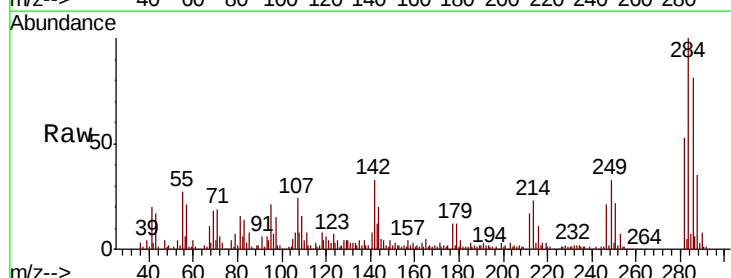
Manual Integrations
APPROVED

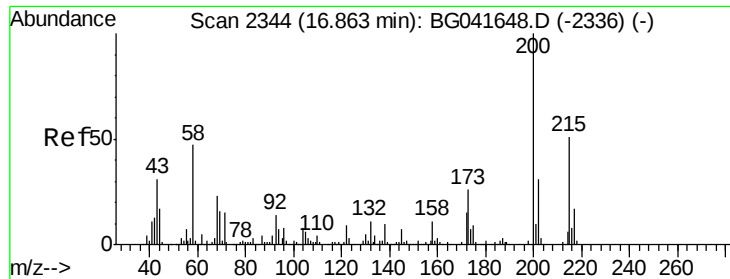
mohammad
7/23/2019 4:24:03 PM



#68
Hexachlorobenzene
Concen: 48.264 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.4	27.0	40.6
249	33.3	28.4	42.6





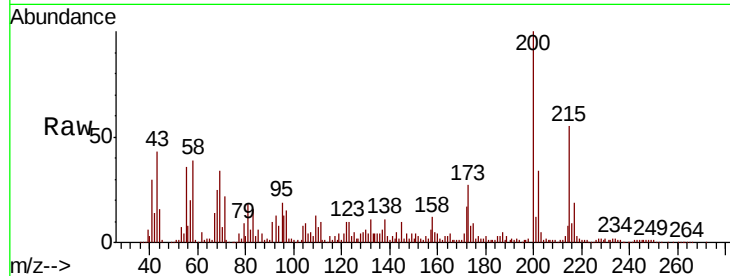
#69
Atrazine
Concen: 52.199 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	5.3	45.3
215	55.1	31.8	71.8

Manual Integrations
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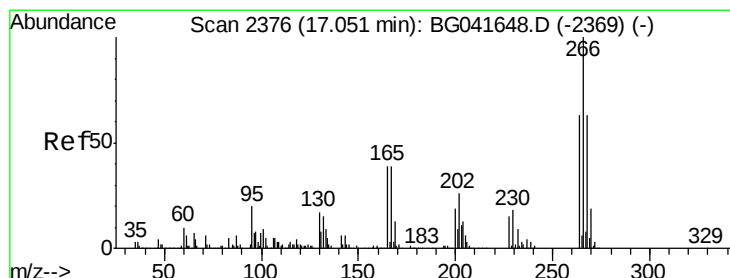
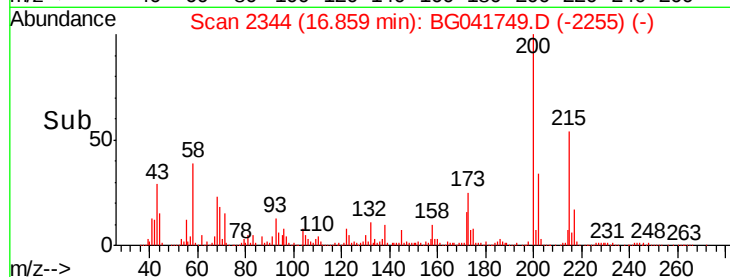
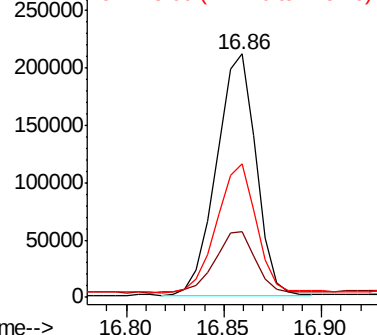


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 104.891 ng
RT: 17.05 min Scan# 2377
Delta R.T. -0.00 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

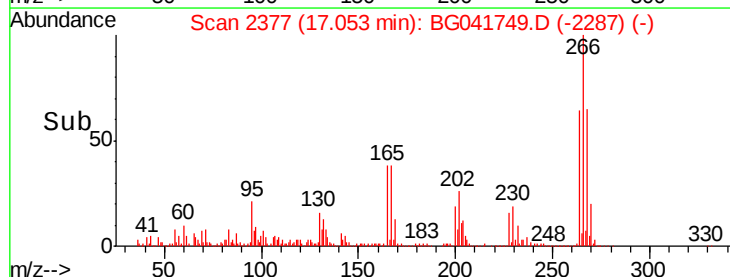
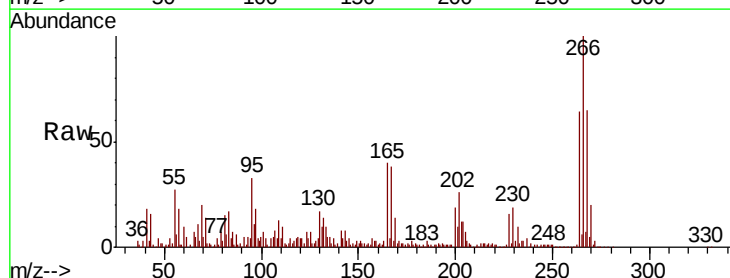
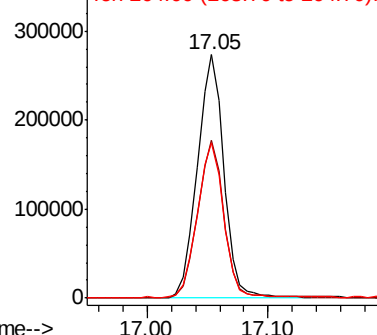
Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	52.9	79.3
264	63.6	51.4	77.2

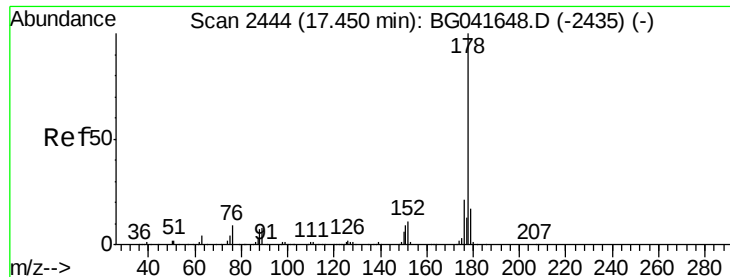
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





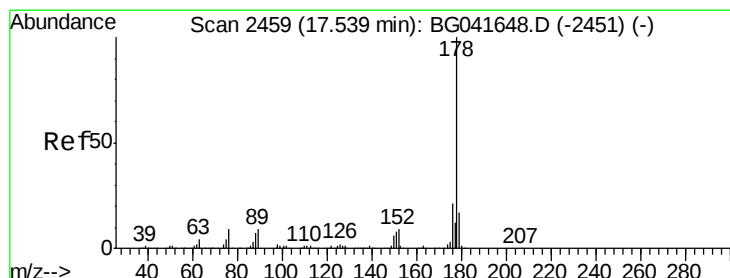
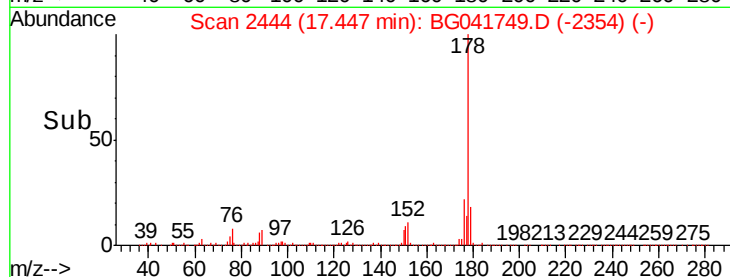
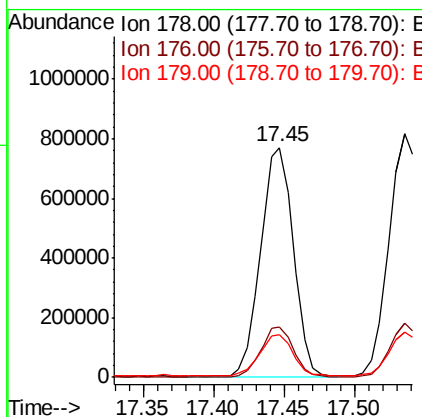
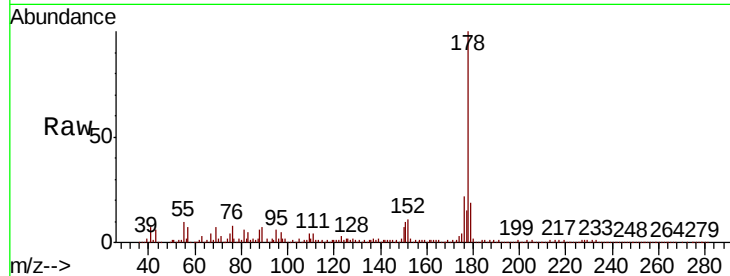
#71
Phenanthrene
Concen: 46.777 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion:178 Resp: 1249229
Ion Ratio Lower Upper
178 100
176 22.1 18.6 28.0
179 18.8 15.4 23.0

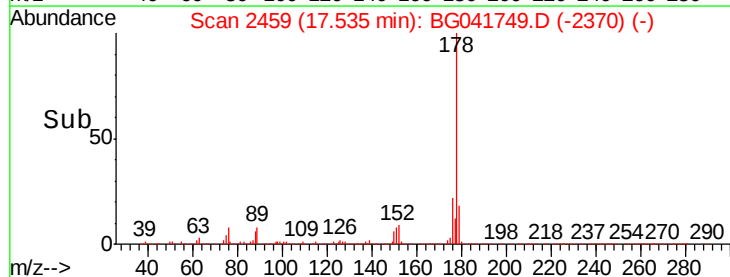
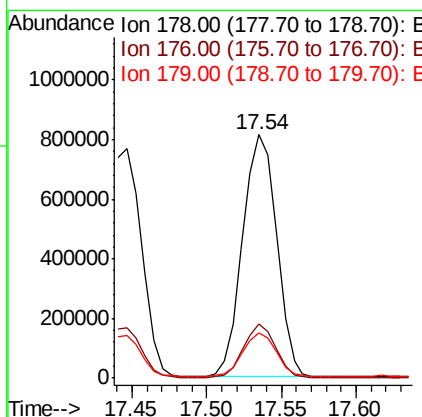
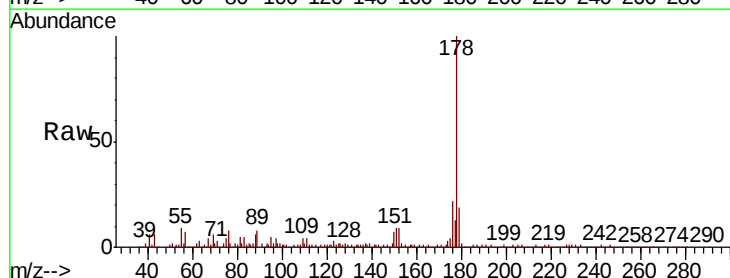
Manual Integrations
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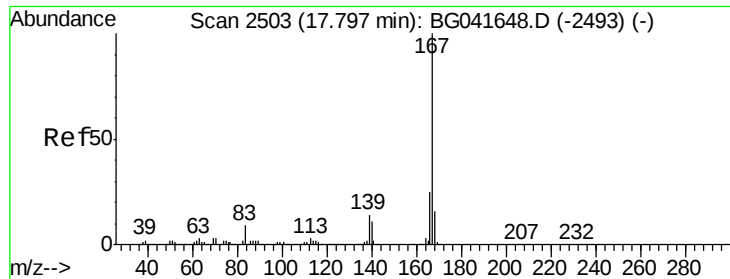
mohammad
7/23/2019 4:24:03 PM



#72
Anthracene
Concen: 48.220 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion:178 Resp: 1283647
Ion Ratio Lower Upper
178 100
176 22.0 18.6 28.0
179 18.8 15.1 22.7





#73

Carbazole

Concen: 46.479 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

Instrument :

BNA_G

ClientSampleId :

GIS-BUILDING-2MS

Tot Ion:167 Resp: 1147508

Ion Ratio Lower Upper

167 100

166 26.0 21.4 32.2

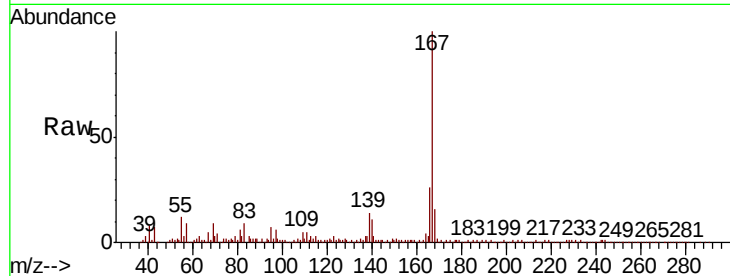
139 14.1 12.1 18.1

Manual Integrations

APPROVED

mohammad

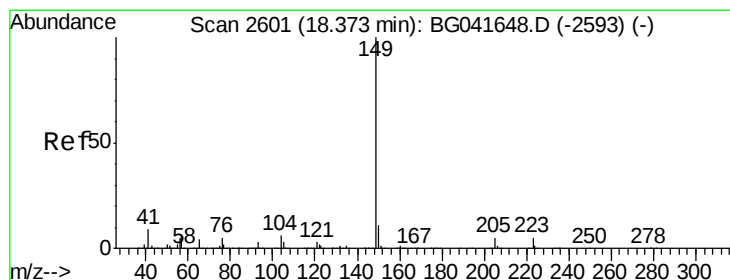
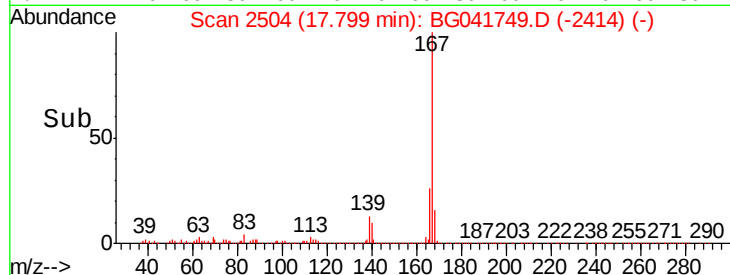
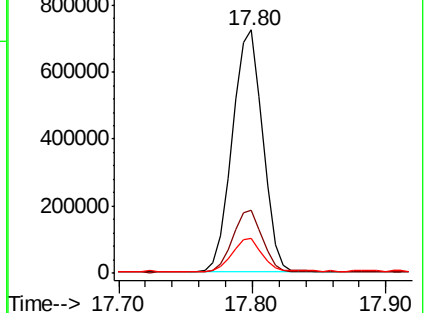
7/23/2019 4:24:03 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.226 ng

RT: 18.36 min Scan# 2600

Delta R.T. -0.01 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

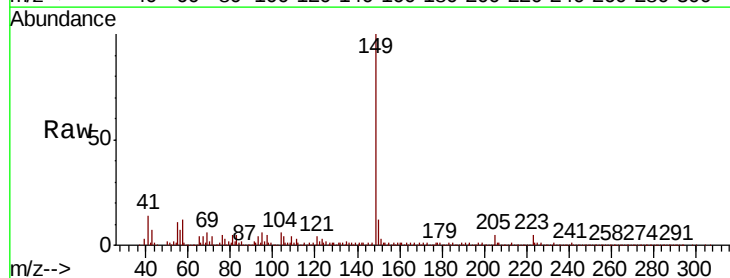
Tgt Ion:149 Resp: 1271524

Ion Ratio Lower Upper

149 100

150 12.0 10.2 15.2

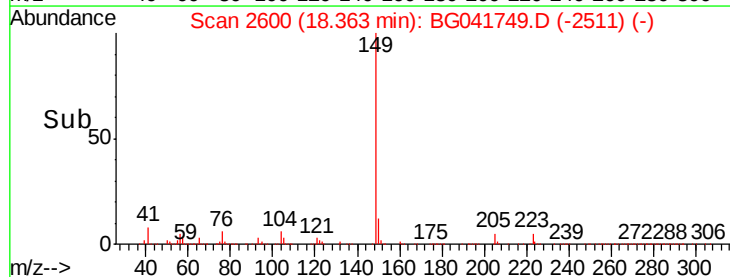
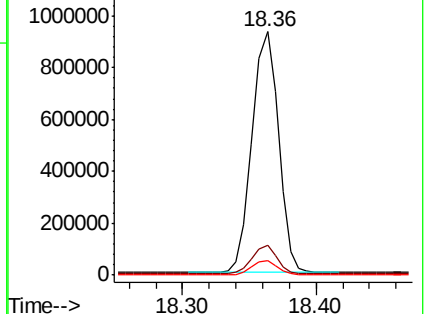
104 6.1 5.3 7.9

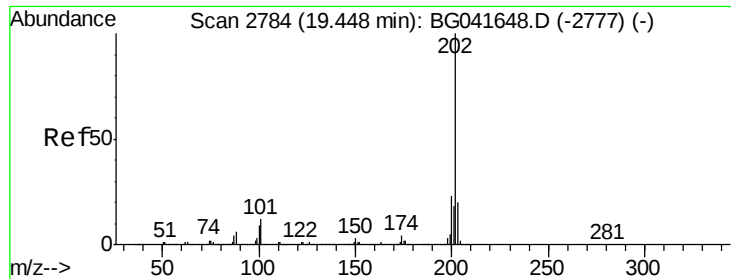


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.604 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

Instrument :

BNA_G

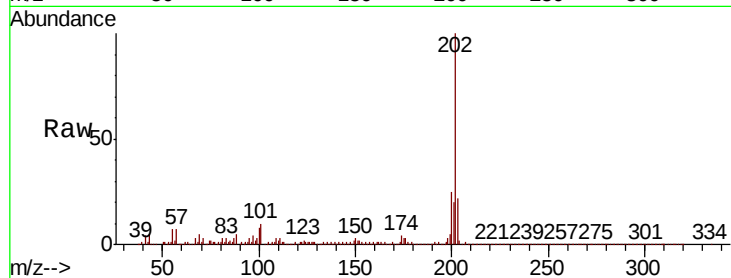
ClientSampleId :

GIS-BUILDING-2MS

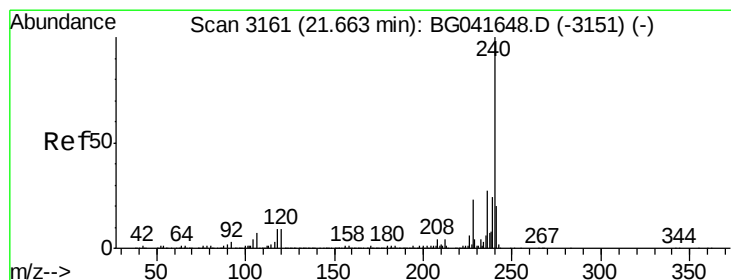
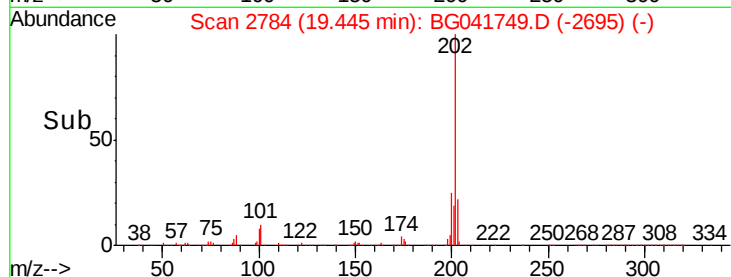
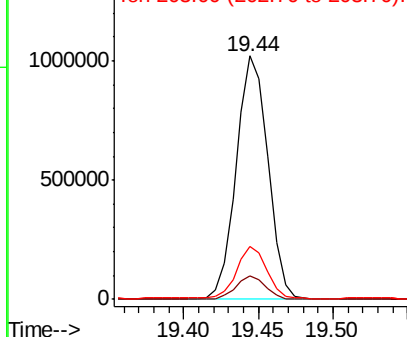
Tot Ion:	202	Resp:	1495506
Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	32.8
203	22.0	3.7	43.7

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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

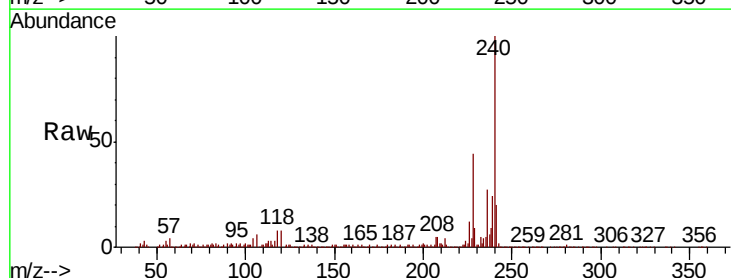
RT: 21.65 min Scan# 3160

Delta R.T. -0.01 min

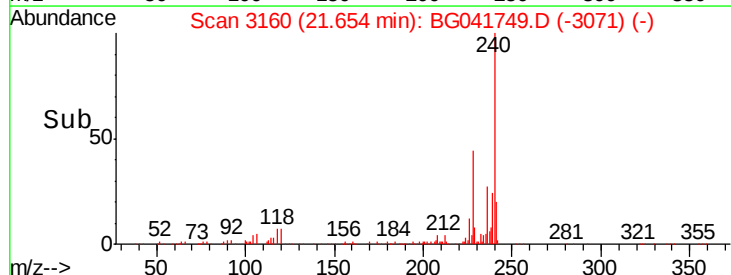
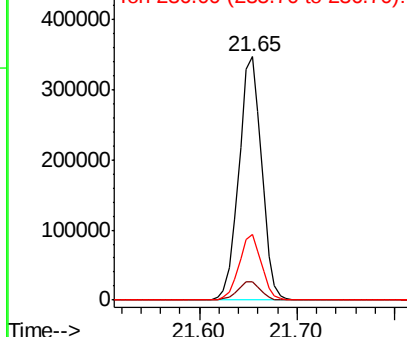
Lab File: BG041749.D

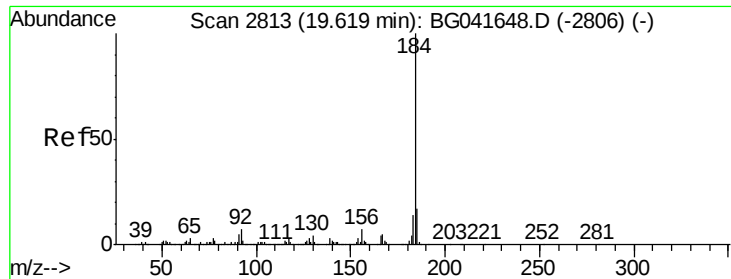
Acq: 22 Jul 2019 14:43

Tgt Ion:	240	Resp:	562021
Ion	Ratio	Lower	Upper
240	100		
120	7.7	8.0	12.0#
236	26.9	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: 41.815 ng

RT: 19.61 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

Instrument :

BNA_G

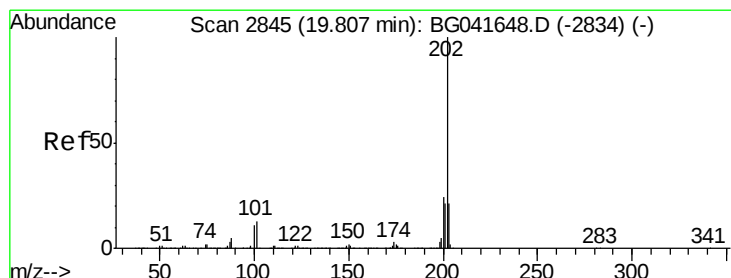
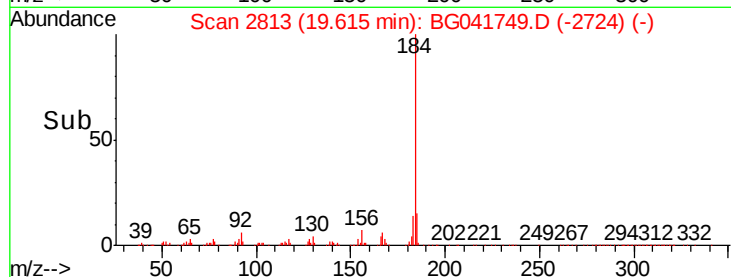
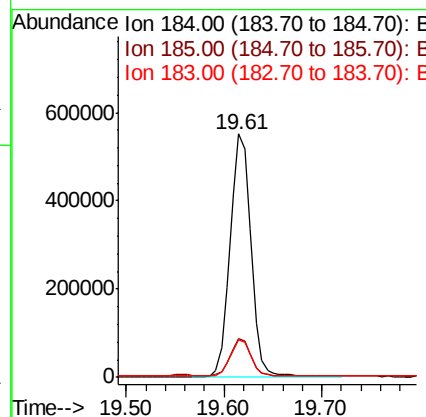
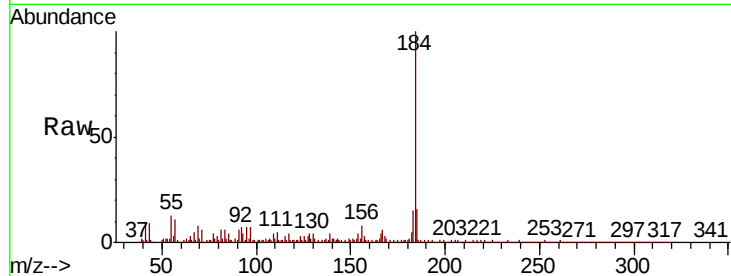
ClientSampleId :

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Tot Ion:	184	Resp:	818427
Ion Ratio		Lower	Upper
184	100		
185	16.1	13.0	19.4
183	15.2	11.8	17.6

Manual Integrations
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#78

Pyrene

Concen: 40.219 ng

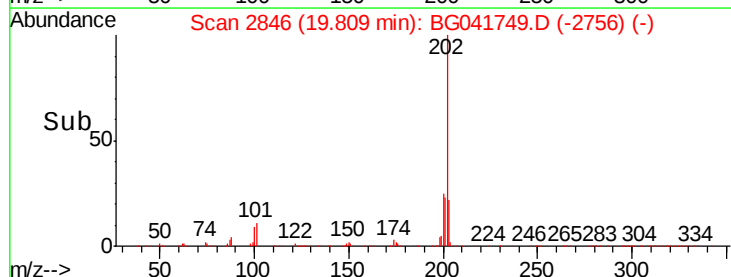
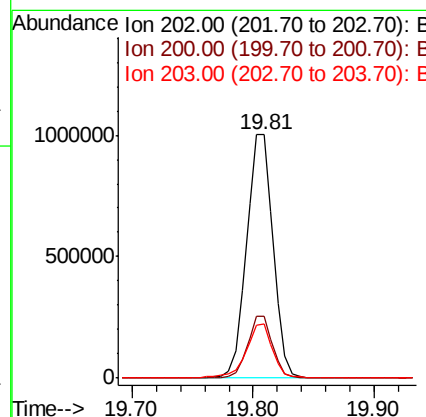
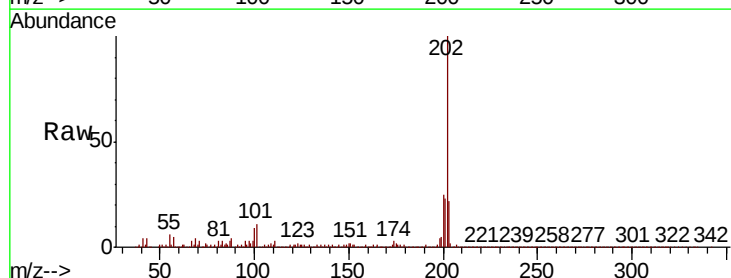
RT: 19.81 min Scan# 2846

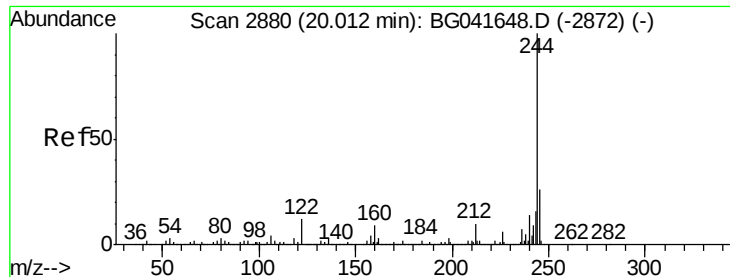
Delta R.T. -0.00 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

Tgt Ion:	202	Resp:	1528778
Ion Ratio		Lower	Upper
202	100		
200	25.4	22.2	33.2
203	22.0	18.9	28.3





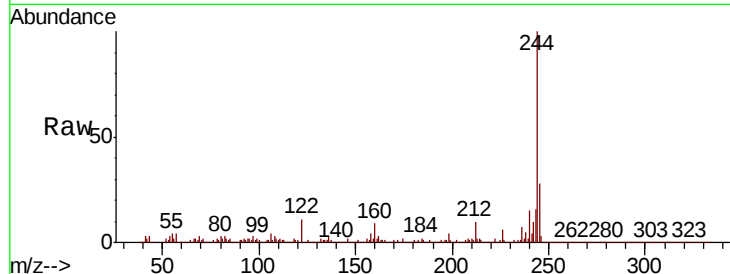
#79
 Terphenyl-d14
 Concen: 88.079 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG041749.D
 Acq: 22 Jul 2019 14:43

Instrument :
 BNA_G
 ClientSampleId :
 GIS-BUILDING-2MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.1	9.7	14.5
122	11.1	12.5	18.7

Manual Integrations
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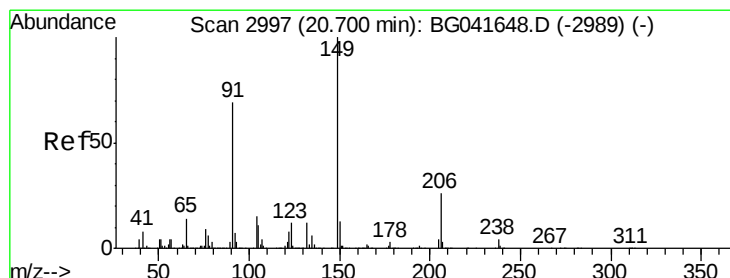
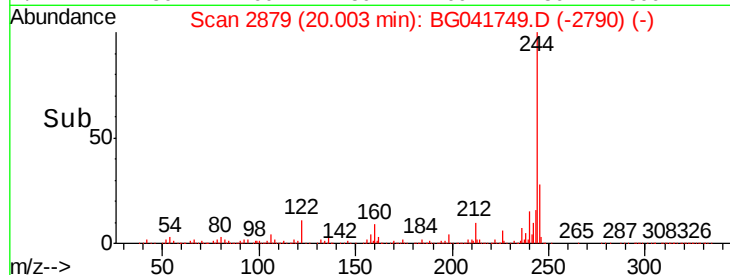
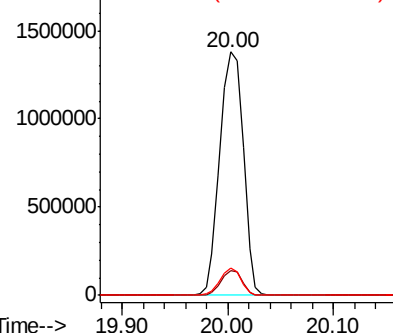


Abundance

Ion 244.00 (243.70 to 244.70): E

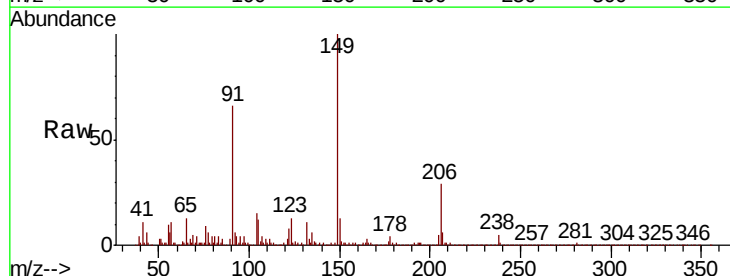
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 39.312 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.01 min
 Lab File: BG041749.D
 Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.8	58.9	88.3
206	28.9	20.8	31.2

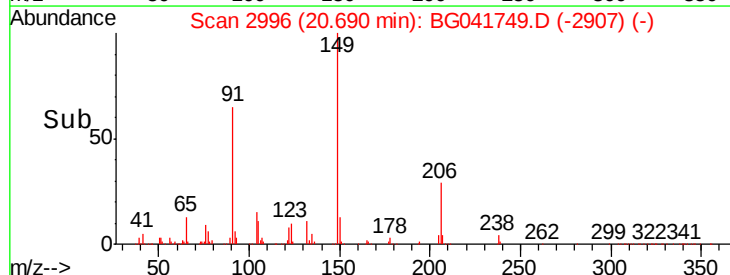
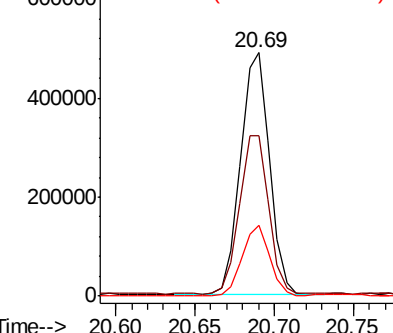


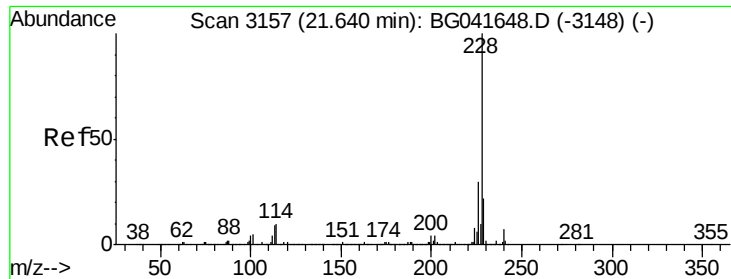
Abundance

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





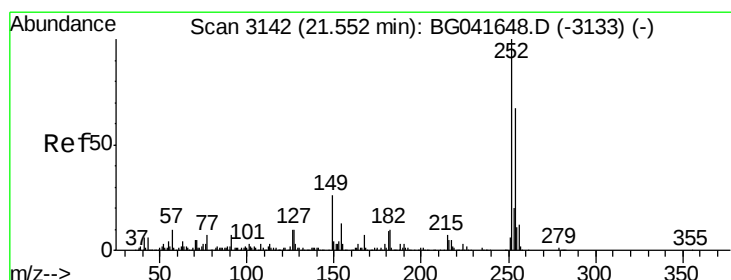
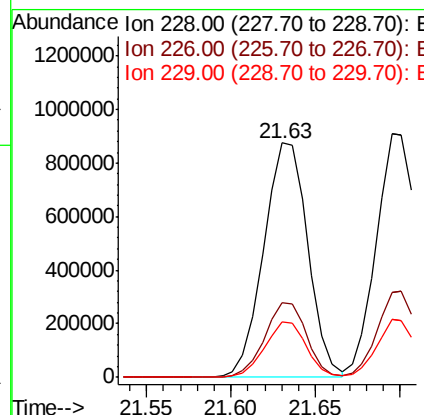
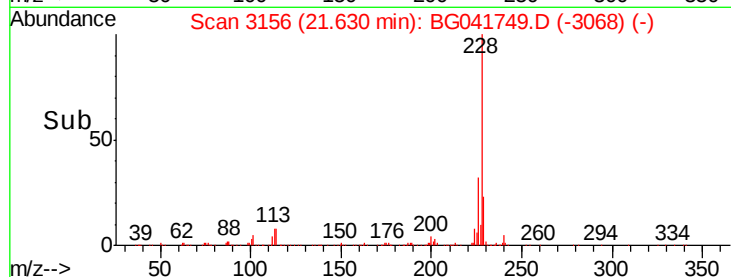
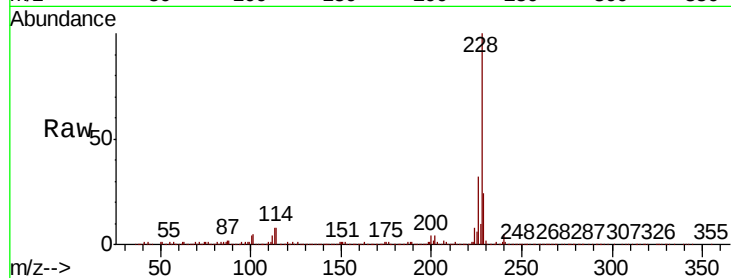
#81
Benzo(a)anthracene
Concen: 43.673 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion:228 Resp: 1585870
Ion Ratio Lower Upper
228 100
226 31.9 27.3 40.9
229 23.5 19.7 29.5

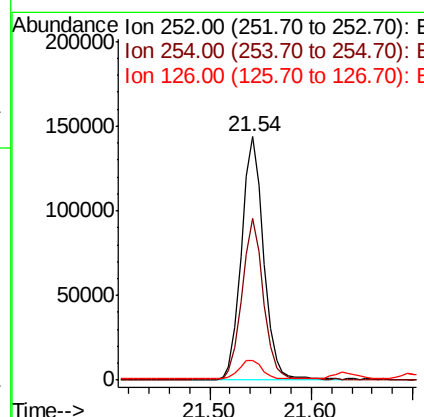
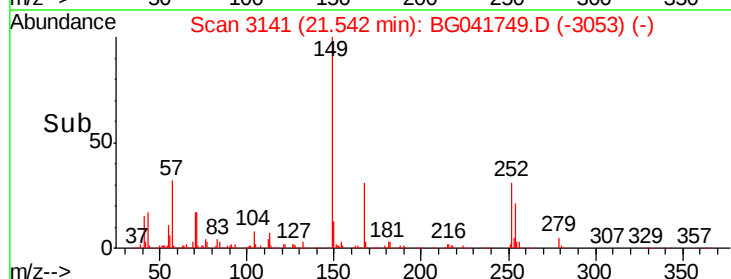
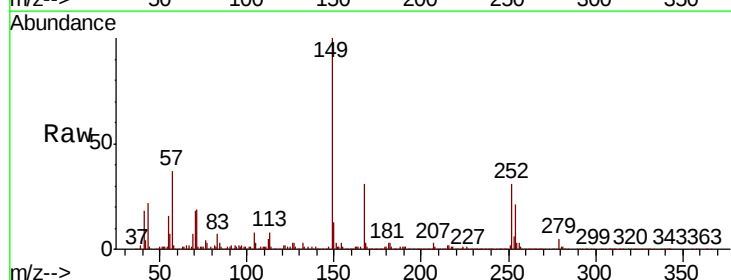
Manual Integrations
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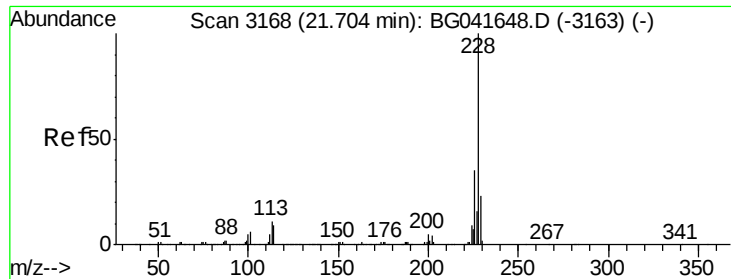
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#82
3,3'-Dichlorobenzidine
Concen: 15.262 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion:252 Resp: 218084
Ion Ratio Lower Upper
252 100
254 66.3 53.8 80.6
126 8.1 7.8 11.8





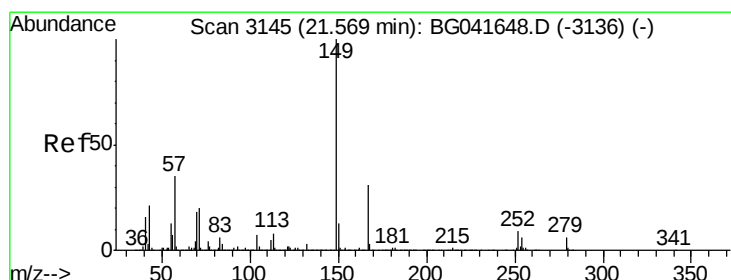
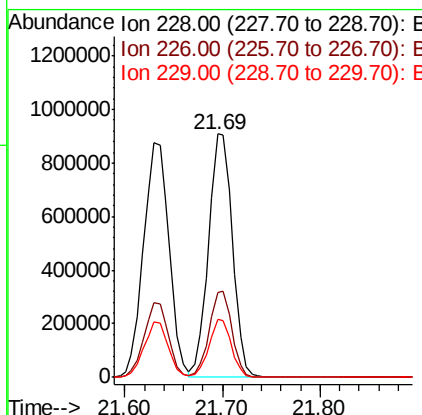
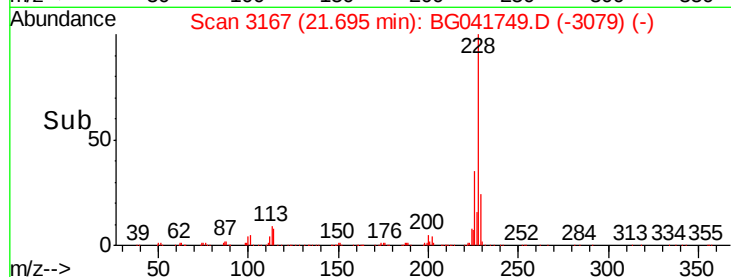
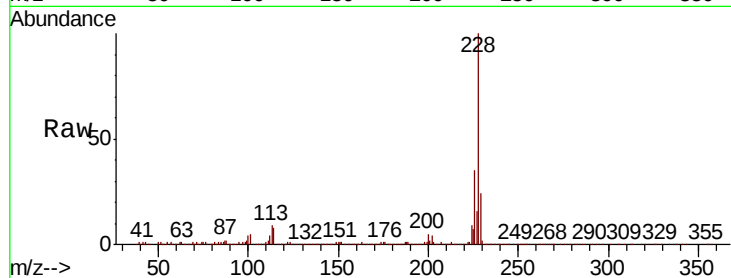
#83
Chrysene
Concen: 44.295 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion:228 Resp: 1536953
Ion Ratio Lower Upper
228 100
226 35.1 30.1 45.1
229 23.6 19.8 29.6

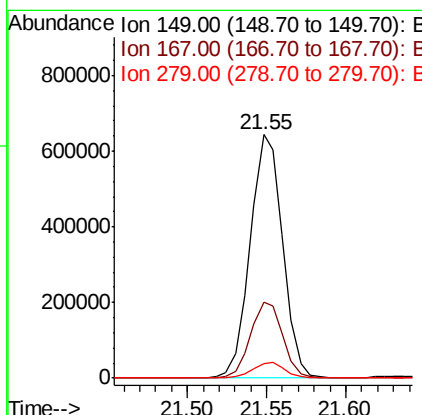
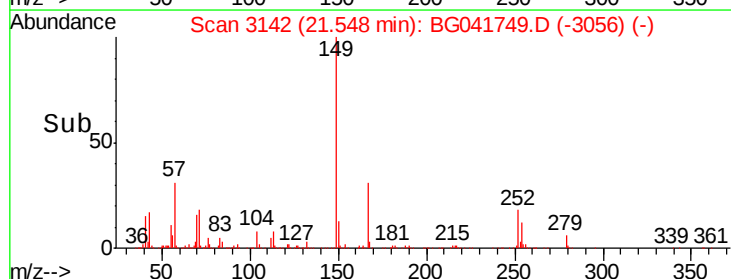
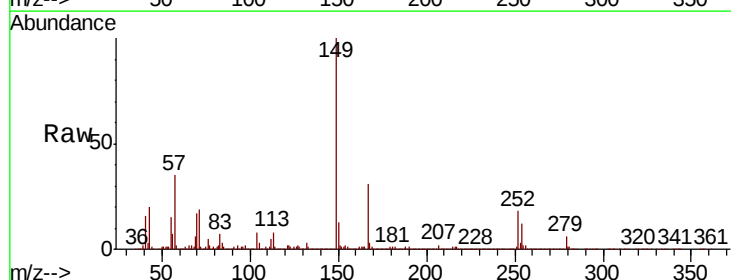
Manual Integrations
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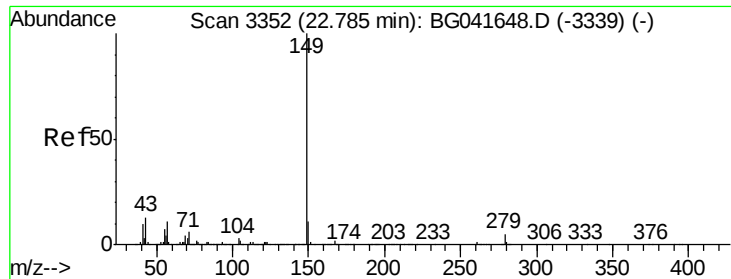
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.704 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.03 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion:149 Resp: 907769
Ion Ratio Lower Upper
149 100
167 31.2 27.0 40.4
279 6.2 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 41.233 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.03 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

Instrument :

BNA_G

ClientSampleId :

GIS-BUILDING-2MS

Tot Ion:149 Resp: 1565990

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

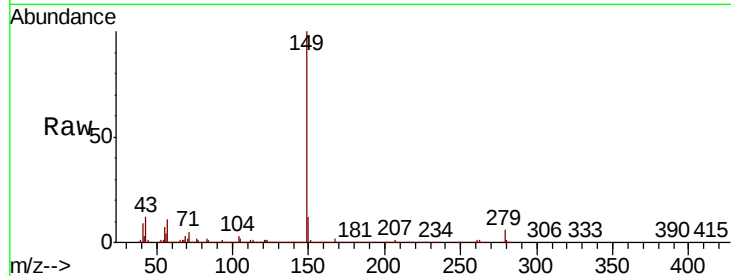
43 11.2 10.6 16.0

Manual Integrations

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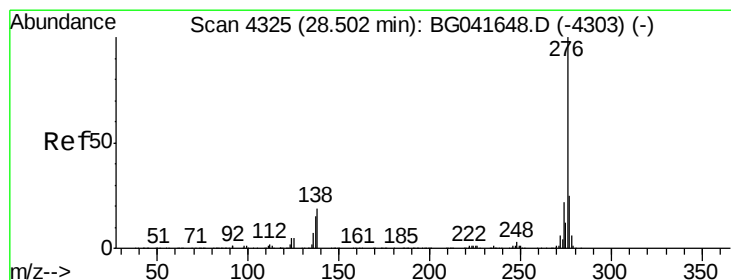
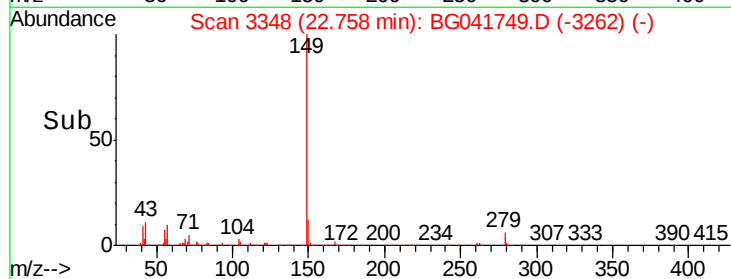
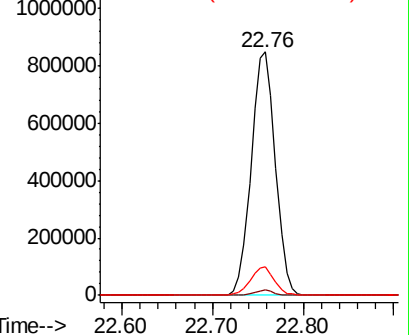
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 44.876 ng

RT: 28.49 min Scan# 4323

Delta R.T. -0.04 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

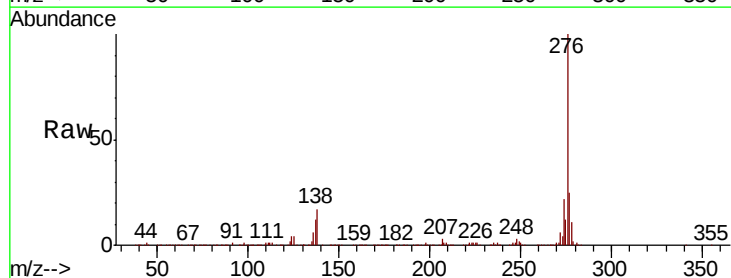
Tgt Ion:276 Resp: 2054560

Ion Ratio Lower Upper

276 100

138 14.6 19.4 29.0#

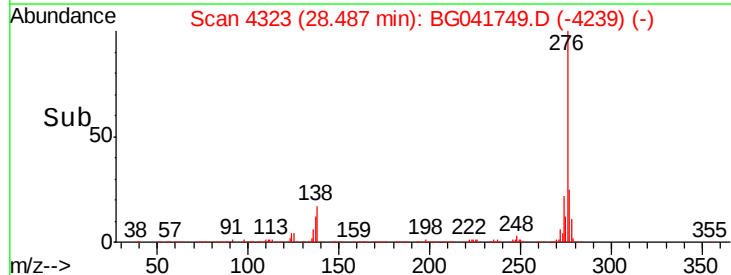
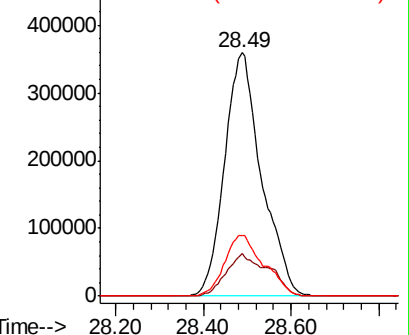
277 26.5 21.2 31.8

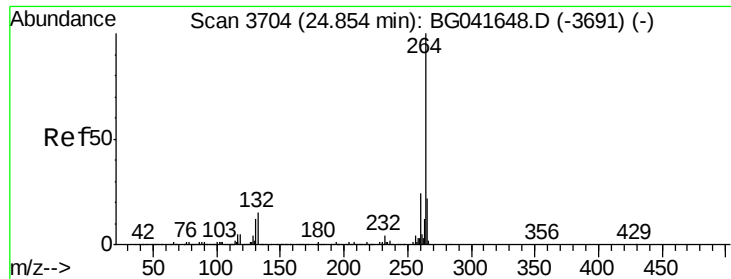


Abundance Ion 276.00 (275.70 to 276.70): E

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. -0.03 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

Instrument :

BNA_G

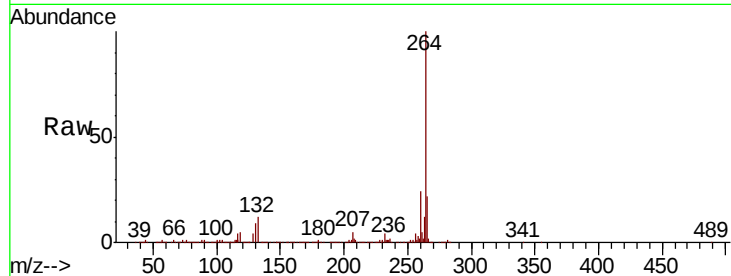
ClientSampleId :

GIS-BUILDING-2MS

Tot Ion:	264	Resp:	667091
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.5	29.3
265	22.0	18.0	27.0

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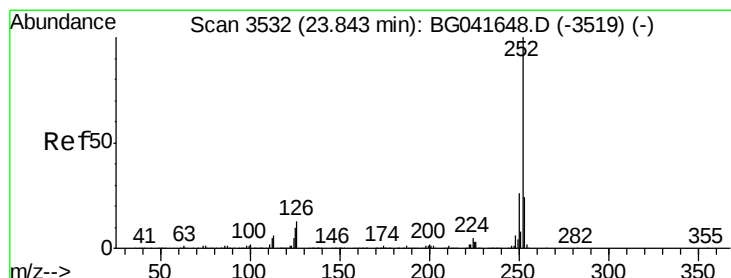
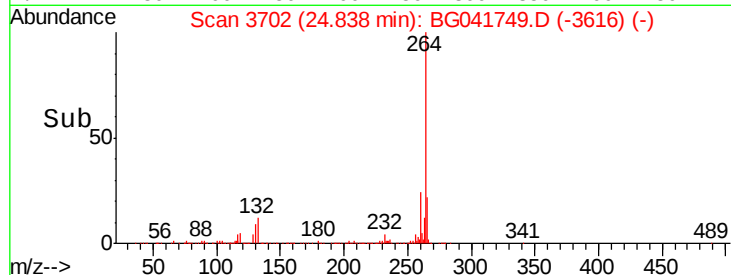
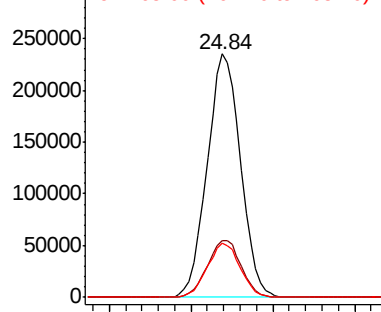


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.241 ng m

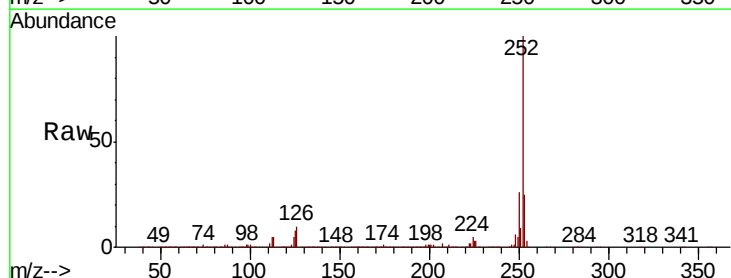
RT: 23.83 min Scan# 3531

Delta R.T. -0.02 min

Lab File: BG041749.D

Acq: 22 Jul 2019 14:43

Tgt Ion:	252	Resp:	1790164
Ion Ratio	Lower	Upper	
252	100		
253	24.6	20.6	30.8
125	8.0	8.0	12.0#

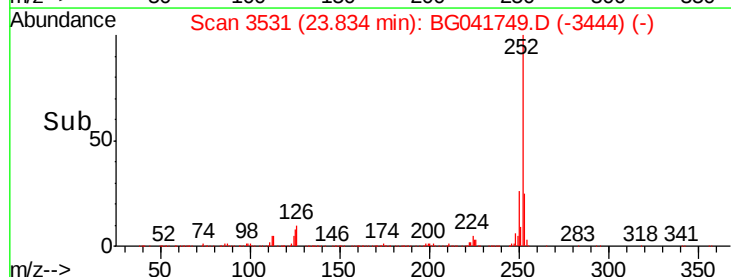
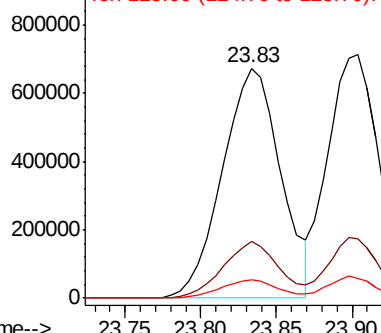


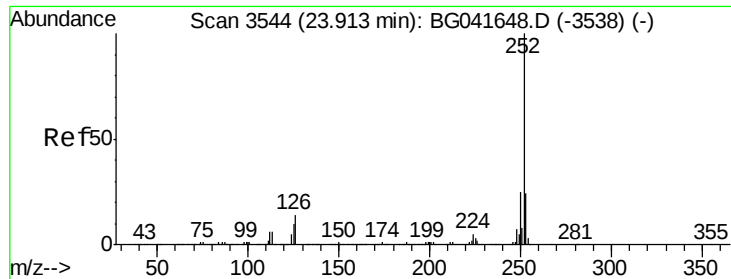
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





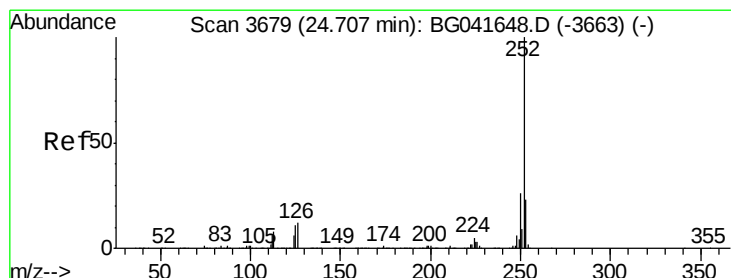
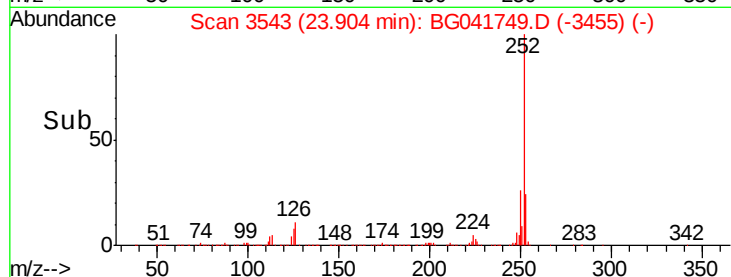
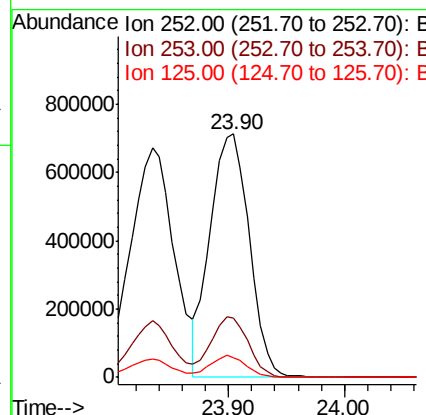
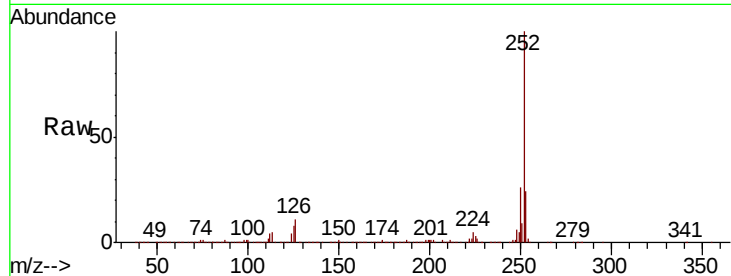
#89
Benzo(k)fluoranthene
Concen: 44.755 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.5	30.7
125	8.3	8.4	12.6

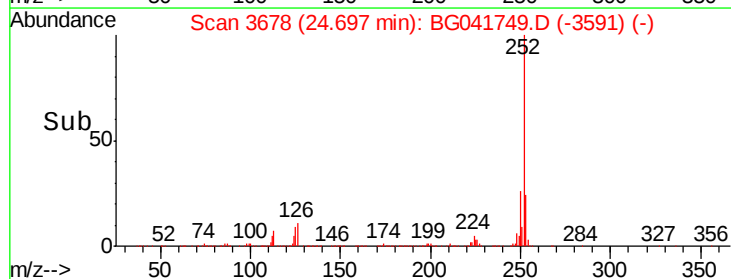
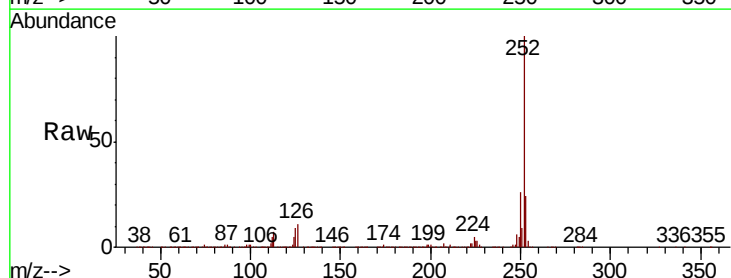
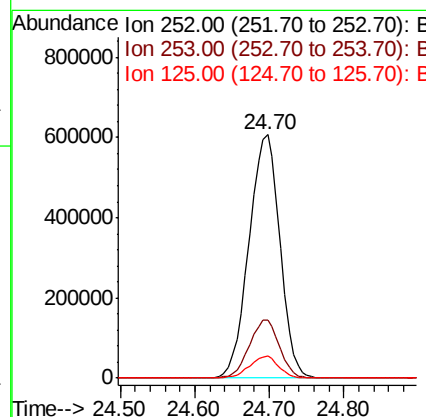
Manual Integrations
APPROVED

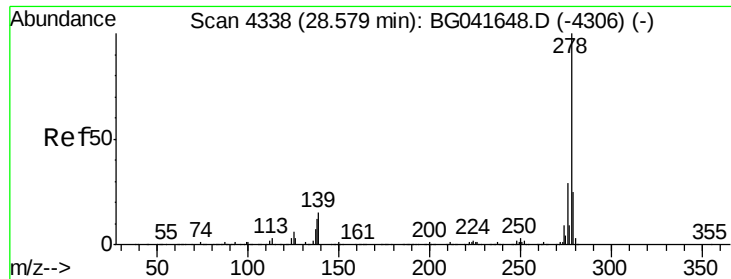
mohammad
7/23/2019 4:24:03 PM



#90
Benzo(a)pyrene
Concen: 45.634 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.8	29.8
125	8.9	8.8	13.2





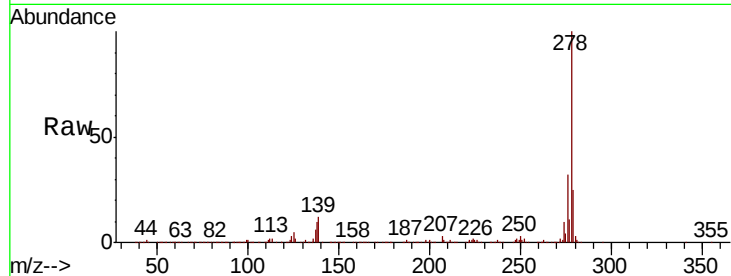
#91
Dibenzo(a,h)anthracene
Concen: 45.486 ng
RT: 28.55 min Scan# 4334
Delta R.T. -0.04 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Instrument :
BNA_G
ClientSampleId :
GIS-BUILDING-2MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.4	12.6	19.0#
279	25.5	20.5	30.7

Manual Integrations
APPROVED

mohammad
7/23/2019 4:24:03 PM

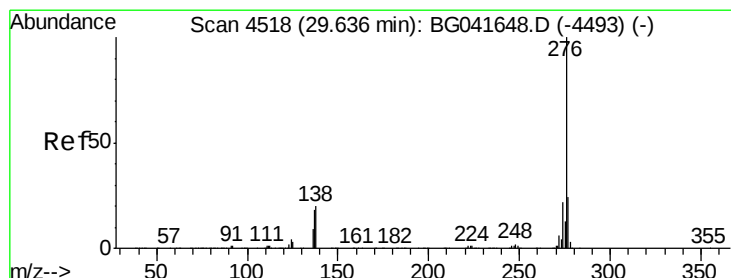
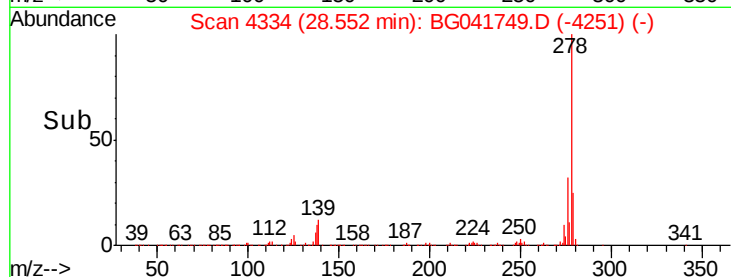
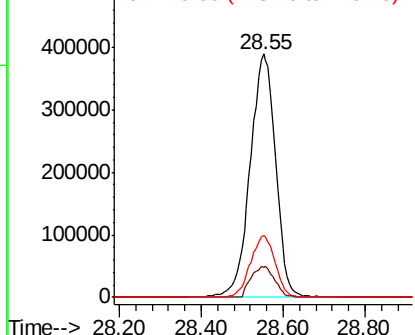


Abundance

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: 45.501 ng
RT: 29.63 min Scan# 4517
Delta R.T. -0.04 min
Lab File: BG041749.D
Acq: 22 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	17.8	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

