

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
 Data File : BG046007.D
 Acq On : 10 Jul 2020 15:07
 Operator : CG/JU
 Sample : L3247-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MS

Manual Integrations
 APPROVED

mohammad
 7/13/2020 1:03:54 PM

Quant Time: Jul 10 17:28:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	119732	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	499338	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	319660	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	719071	20.00	ng	0.00
76) Chrysene-d12	21.63	240	601793	20.00	ng	0.00
86) Perylene-d12	24.78	264	612132	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1037599	140.53	ng	0.00
7) Phenol-d6	7.17	99	1344488	126.48	ng	0.00
23) Nitrobenzene-d5	9.16	82	1034711	119.27	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	497994	167.86	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1920502	93.71	ng	0.00
79) Terphenyl-d14	19.98	244	2798985	103.51	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.51	88	143943	42.257	ng	# 44
3) Pyridine	3.91	79	358705	34.827	ng	100
4) n-Nitrosodimethylamine	3.81	42	185987	53.402	ng	# 92
6) Aniline	7.33	93	539264	39.657	ng	100
8) 2-Chlorophenol	7.57	128	419593	52.793	ng	99
9) Benzaldehyde	7.14	77	143826	21.356	ng	96
10) Phenol	7.20	94	480521	45.065	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	435487	49.390	ng	98
12) 1,3-Dichlorobenzene	7.90	146	404891	44.197	ng	99
13) 1,4-Dichlorobenzene	8.04	146	406843	45.145	ng	97
14) 1,2-Dichlorobenzene	8.36	146	385828	44.484	ng	97
15) Benzyl Alcohol	8.24	79	426007	51.113	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	541858	47.101	ng	97
17) 2-Methylphenol	8.44	107	374803	46.845	ng	98
18) Hexachloroethane	9.09	117	153904	44.384	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	392657	52.582	ng	98
20) 3+4-Methylphenols	8.77	107	512888	47.035	ng	98
22) Acetophenone	8.82	105	633252	47.471	ng	98
24) Nitrobenzene	9.20	77	556011	58.067	ng	99
25) Isophorone	9.73	82	1034722	48.857	ng	99
26) 2-Nitrophenol	9.91	139	209178	67.022	ng	98
27) 2,4-Dimethylphenol	9.97	122	373702	49.573	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	592001	49.778	ng	99
29) 2,4-Dichlorophenol	10.45	162	395314	50.657	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	383672	44.373	ng	98
31) Naphthalene	10.86	128	1246452	46.564	ng	99
32) Benzoic acid	10.07	122	119230	28.894	ng	96
33) 4-Chloroaniline	10.95	127	204099	17.062	ng	98
34) Hexachlorobutadiene	11.16	225	207579	41.116	ng	98
35) Caprolactam	11.72	113	141988m	47.923	ng	
36) 4-Chloro-3-methylphenol	12.08	107	479949	53.999	ng	98
37) 2-Methylnaphthalene	12.46	142	927720	48.754	ng	98
38) 1-Methylnaphthalene	12.68	142	893973	49.781	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	398826	44.260	ng	98

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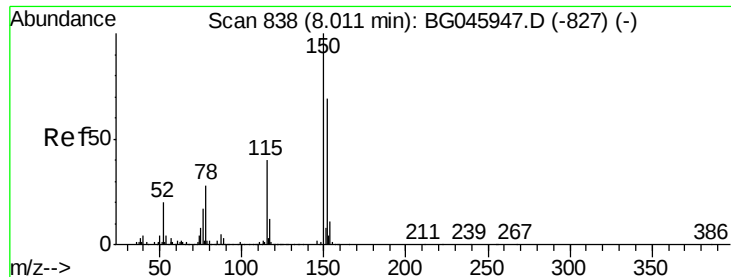
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	461742	86.359	nq	100
43) 2,4,6-Trichlorophenol	13.06	196	315267	51.733	nq	99
44) 2,4,5-Trichlorophenol	13.14	196	338808	49.171	nq	99
46) 1,1'-Biphenyl	13.46	154	1144381	47.590	nq	98
47) 2-Chloronaphthalene	13.51	162	881276	46.449	nq	98
48) 2-Nitroaniline	13.70	65	318974	59.129	nq	99
49) Acenaphthylene	14.35	152	1450155	47.373	nq	98
50) Dimethylphthalate	14.09	163	1197645	49.923	nq	100
51) 2,6-Dinitrotoluene	14.19	165	270114	61.921	nq	98
52) Acenaphthene	14.69	154	992870	51.421	nq	98
53) 3-Nitroaniline	14.52	138	229496	43.864	nq	# 91
54) 2,4-Dinitrophenol	14.73	184	140896	87.183	nq	89
55) Dibenzofuran	15.03	168	1368500	48.351	nq	98
56) 4-Nitrophenol	14.83	139	449250	114.944	nq	95
57) 2,4-Dinitrotoluene	14.98	165	377323	66.829	nq	96
58) Fluorene	15.68	166	1152912	49.654	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	310316m	58.331	nq	
60) Diethylphthalate	15.46	149	1270765	50.510	nq	100
61) 4-Chlorophenyl-phenylether	15.67	204	546398	47.302	nq	98
62) 4-Nitroaniline	15.68	138	275762	55.617	nq	94
63) Azobenzene	15.97	77	1392798	51.580	nq	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	131450	52.372	nq	98
66) n-Nitrosodiphenylamine	15.88	169	1055608	47.373	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	367679	45.782	nq	96
68) Hexachlorobenzene	16.68	284	384456	47.705	nq	98
69) Atrazine	16.84	200	362048	54.955	nq	98
70) Pentachlorophenol	17.02	266	470792	105.072	nq	99
71) Phenanthrene	17.41	178	1846422	48.570	nq	98
72) Anthracene	17.51	178	1872217	48.529	nq	97
73) Carbazole	17.77	167	1826604	47.236	nq	98
74) Di-n-butylphthalate	18.35	149	2177164	46.591	nq	99
75) Fluoranthene	19.42	202	2137312	48.635	nq	97
77) Benzidine	19.59	184	561374	32.625	nq	98
78) Pyrene	19.78	202	2107414	51.302	nq	98
80) Butylbenzylphthalate	20.68	149	1022582	52.678	nq	94
81) Benzo(a)anthracene	21.61	228	1896085	47.917	nq	98
82) 3,3'-Dichlorobenzidine	21.52	252	456200	31.200	nq	98
83) Chrysene	21.68	228	1835688	48.696	nq	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	1404378	49.839	nq	99
85) Di-n-octyl phthalate	22.75	149	2378370	48.638	nq	99
87) Indeno(1,2,3-cd)pyrene	28.38	276	2412600	53.875	nq	100
88) Benzo(b)fluoranthene	23.79	252	2084202	53.636	nq	98
89) Benzo(k)fluoranthene	23.86	252	1908708	51.947	nq	99
90) Benzo(a)pyrene	24.64	252	1870550	51.192	nq	98
91) Dibenzo(a,h)anthracene	28.44	278	1929461	53.419	nq	99
92) Benzo(g,h,i)perylene	29.50	276	1952911	53.728	nq	99

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



#1

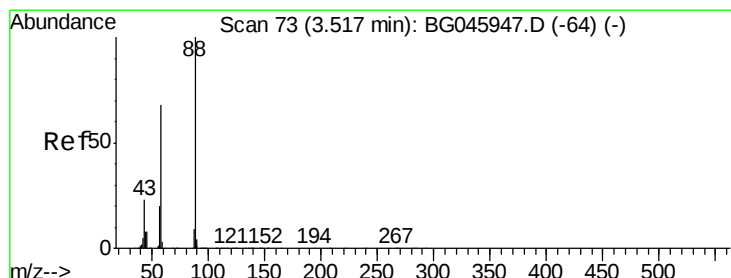
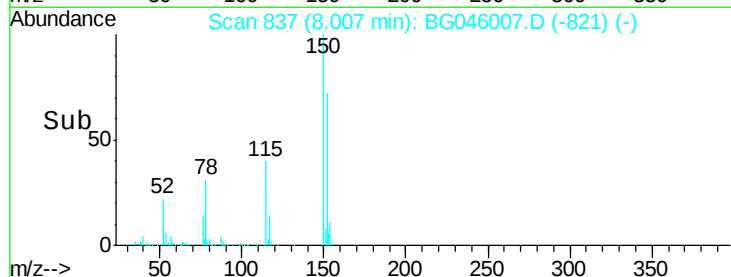
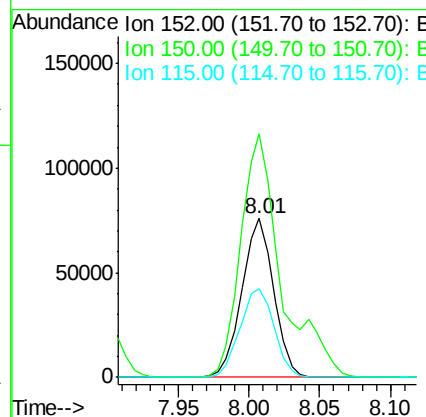
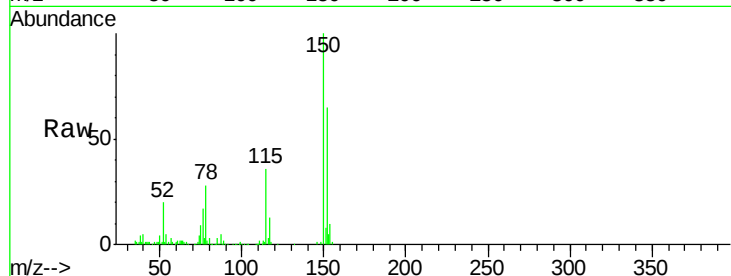
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	116.7	175.1
115	55.9	47.4	71.0

Manual Integrations
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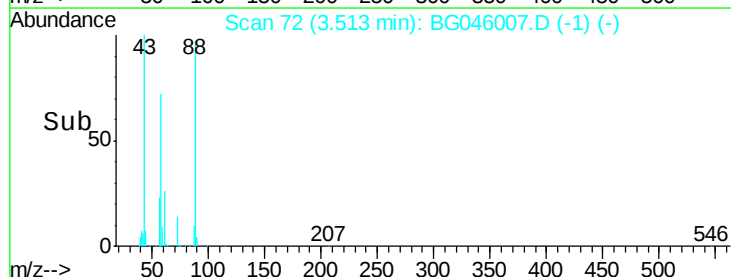
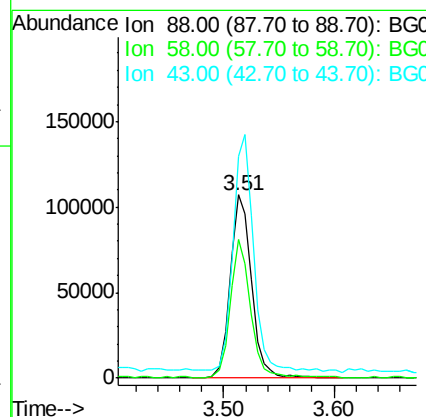
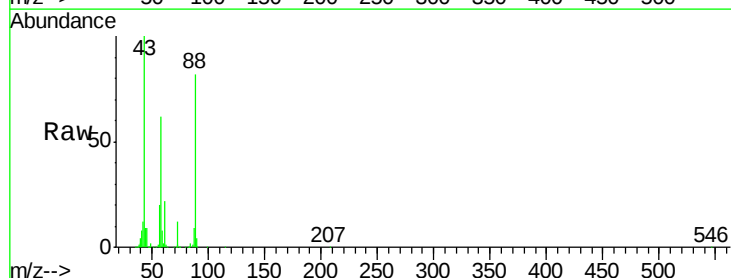
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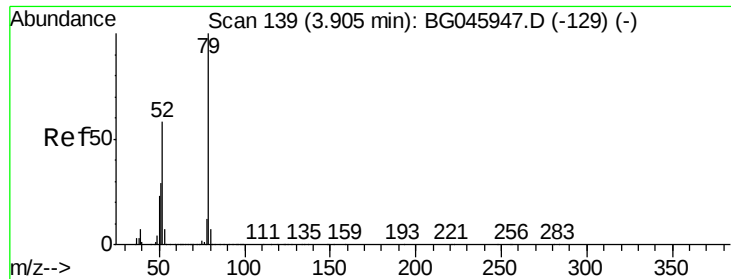


#2

1,4-Dioxane
Concen: 42.257 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.5	55.2	82.8
43	128.3	19.4	29.0





#3

Pvridine

Concen: 34.827 ng

RT: 3.91 min Scan# 139

Delta R.T. 0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

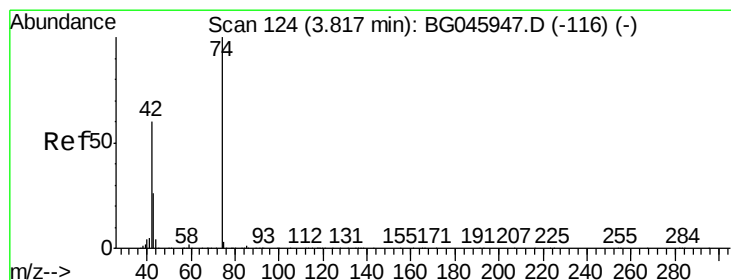
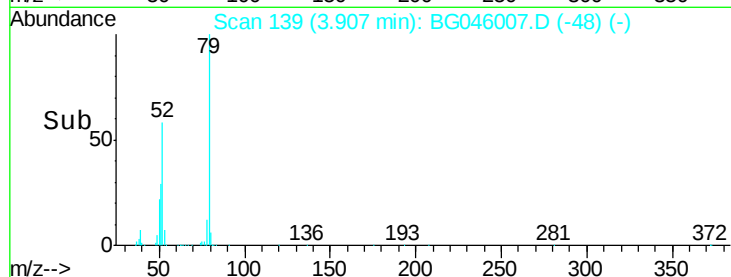
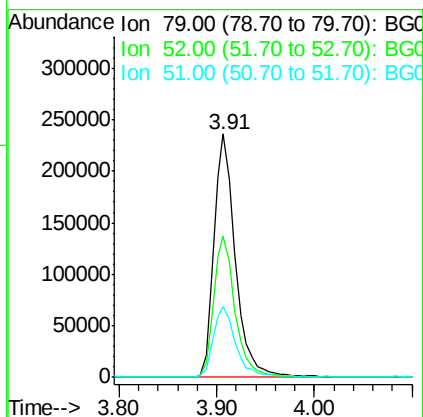
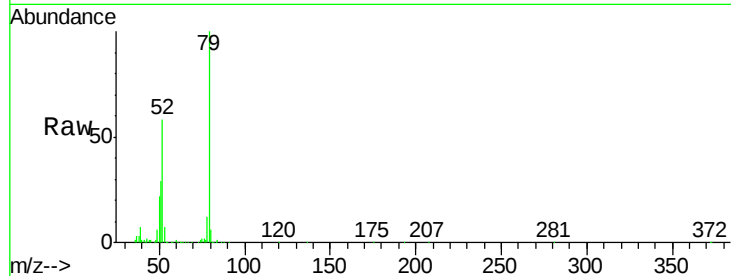
ClientSampleId :

MH-D19MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	358705		
52	52	58.0		46.5	69.7
51	51	29.2		23.5	35.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 53.402 ng

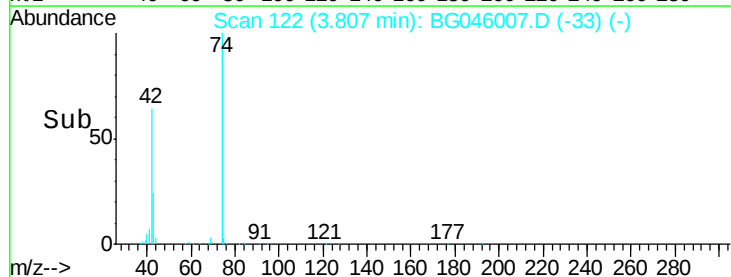
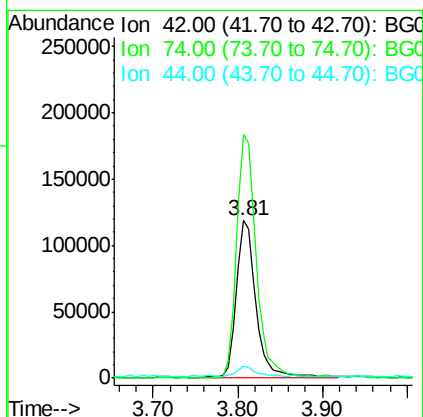
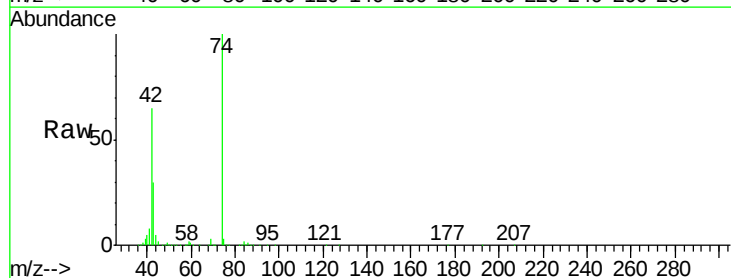
RT: 3.81 min Scan# 122

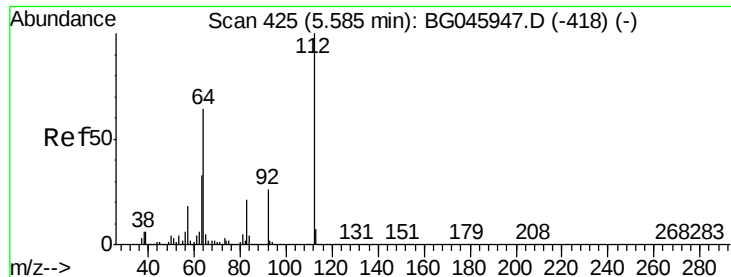
Delta R.T. -0.01 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	185987		
74	74	154.5		131.9	197.9
44	44	7.6		7.7	11.5#





#5

2-Fluorophenol

Concen: 140.534 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampleId :

MH-D19MS

Tot Ion:112 Resp: 1037599

Ion Ratio Lower Upper

112 100

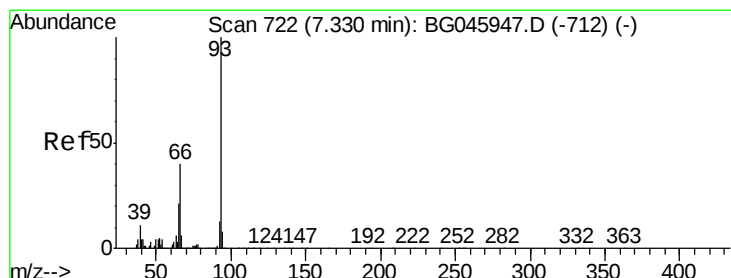
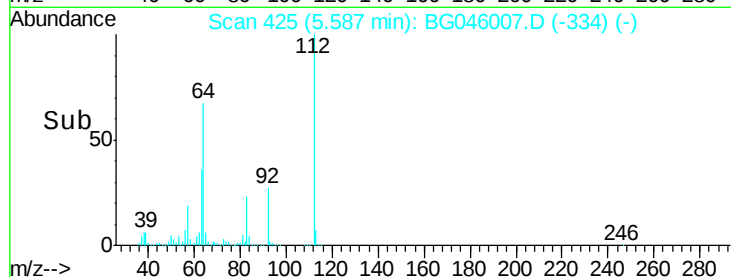
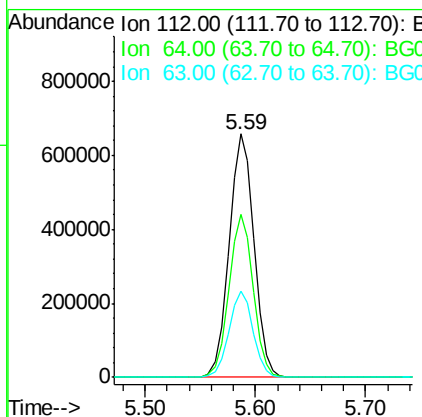
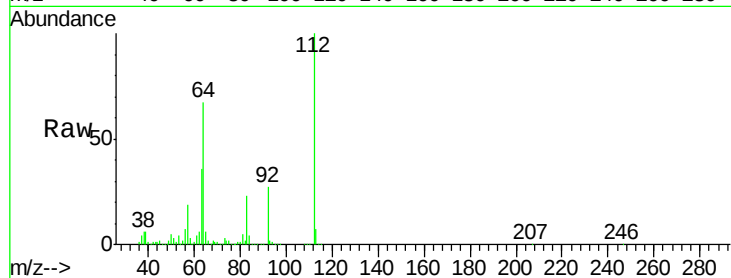
64 67.2 51.4 77.2

63 35.6 26.6 40.0

Manual Integrations
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#6

Aniline

Concen: 39.657 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

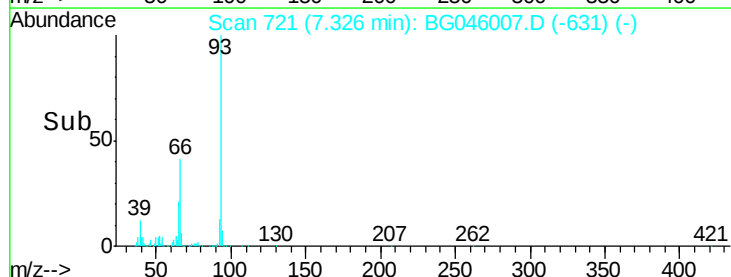
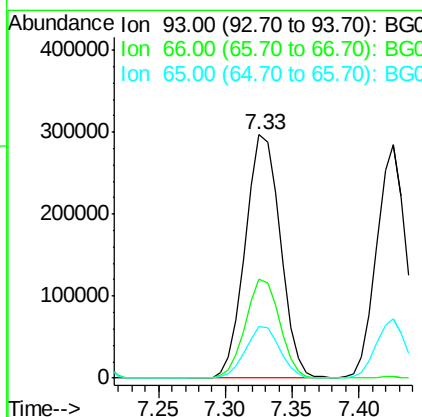
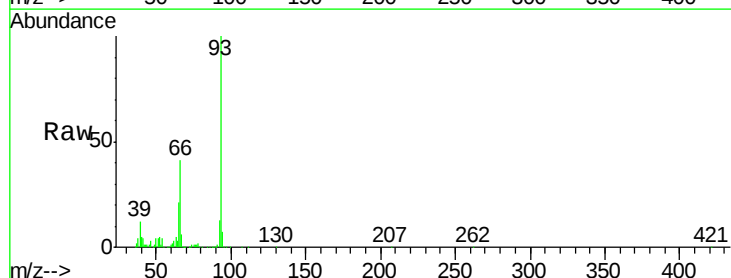
Tgt Ion: 93 Resp: 539264

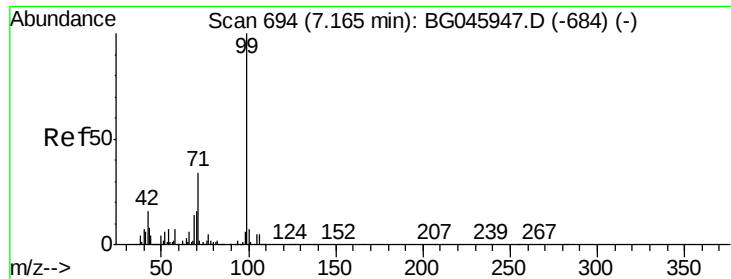
Ion Ratio Lower Upper

93 100

66 40.6 32.3 48.5

65 21.2 16.6 25.0





#7

Phenol-d6

Concen: 126.483 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampleId :

MH-D19MS

Tot Ion: 99 Resp: 1344488

Ion Ratio Lower Upper

99 100

42 18.2 13.0 19.4

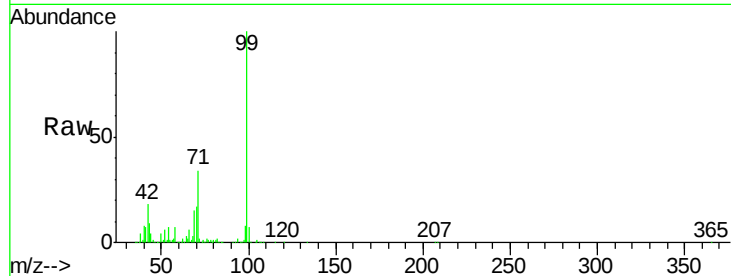
71 34.4 27.5 41.3

Manual Integrations

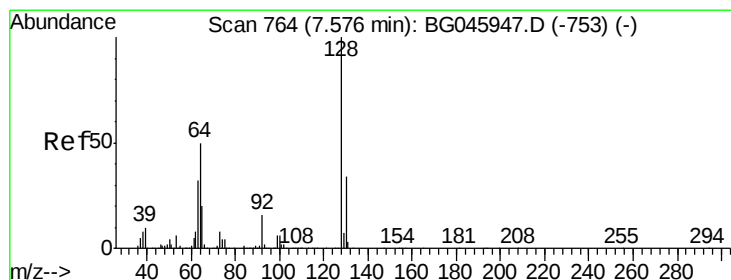
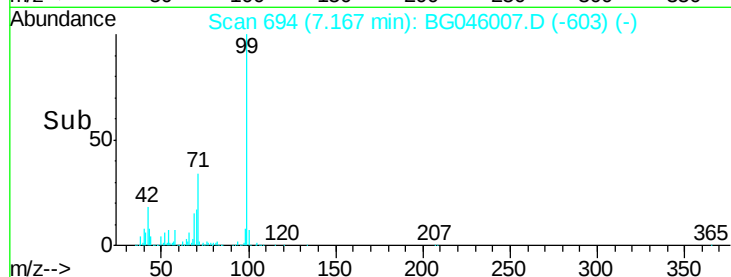
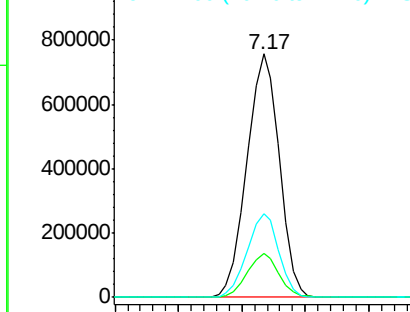
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 52.793 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

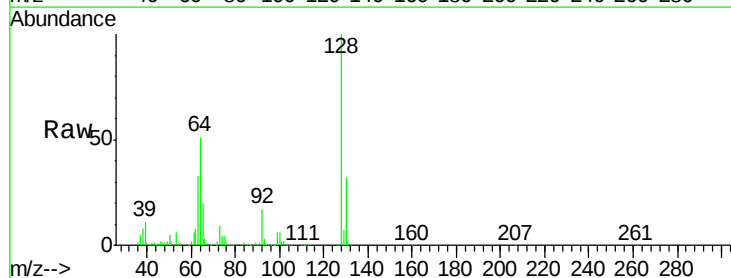
Tgt Ion:128 Resp: 419593

Ion Ratio Lower Upper

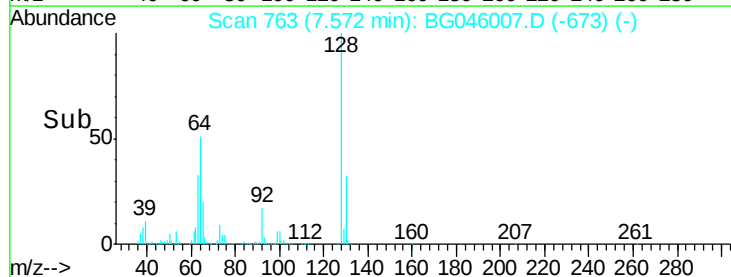
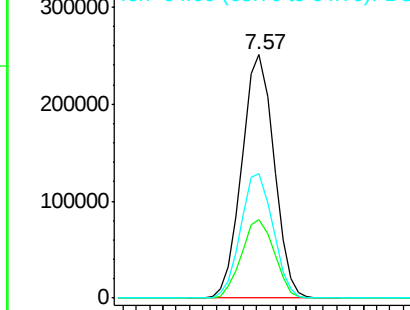
128 100

130 32.3 13.6 53.6

64 51.2 30.6 70.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 21.356 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

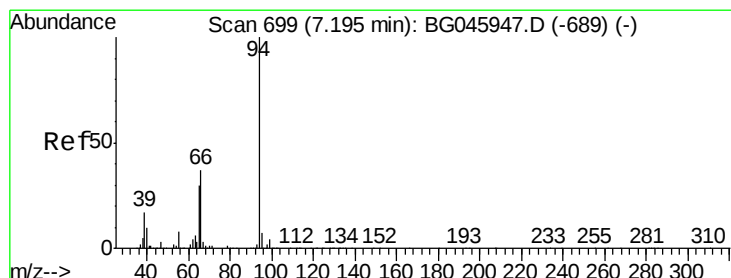
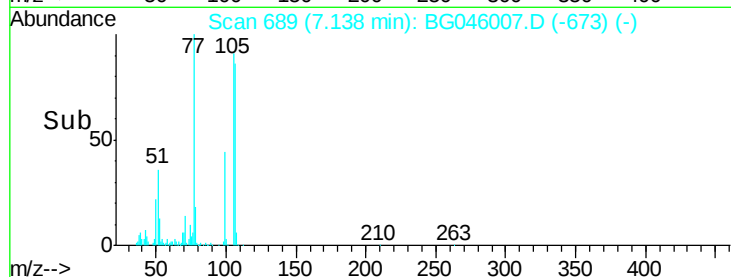
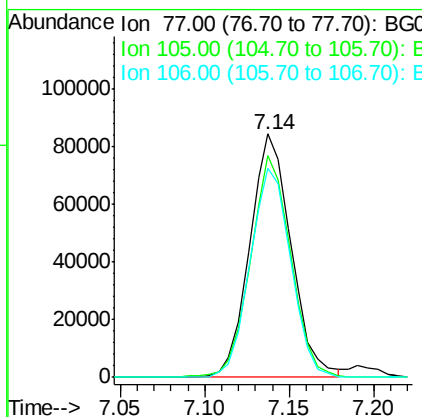
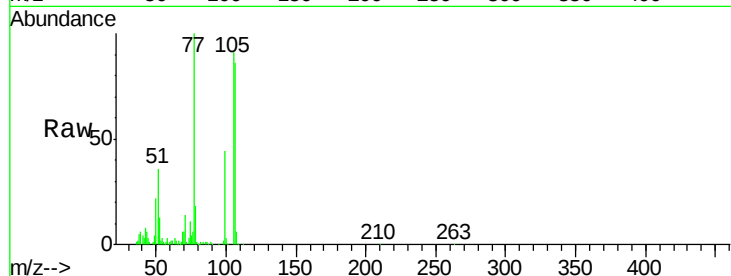
ClientSampleId :

MH-D19MS

Tot Ion:	77	Resp:	143826
Ion Ratio	Lower	Upper	
77	100		
105	90.9	66.0	106.0
106	86.0	67.7	107.7

Manual Integrations
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#10

Phenol

Concen: 45.065 ng

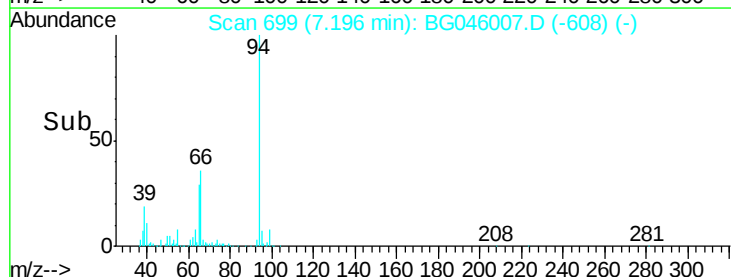
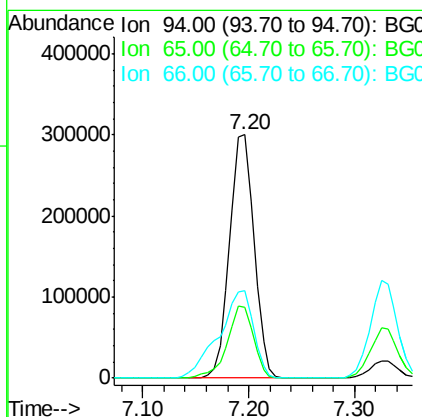
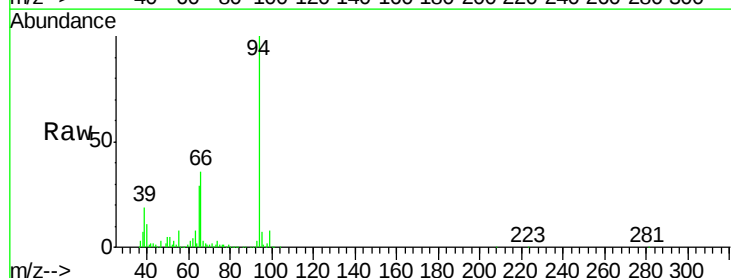
RT: 7.20 min Scan# 699

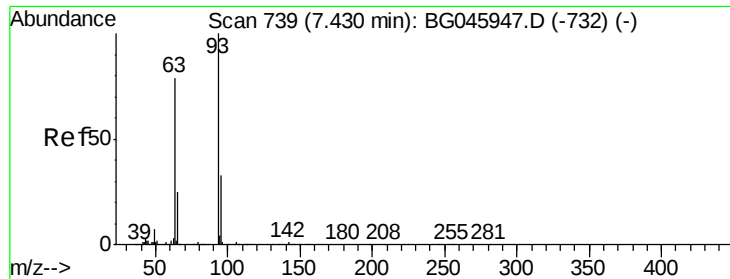
Delta R.T. 0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Tgt Ion:	94	Resp:	480521
Ion Ratio	Lower	Upper	
94	100		
65	28.9	10.6	50.6
66	36.1	17.1	57.1





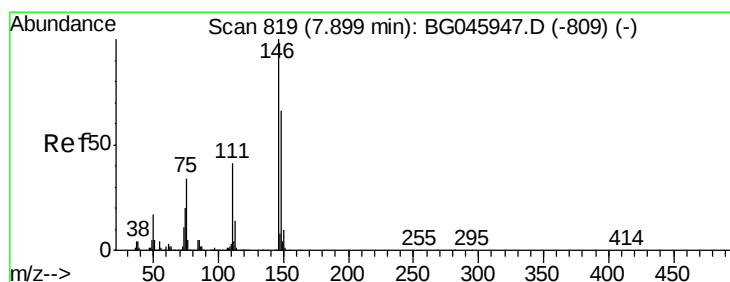
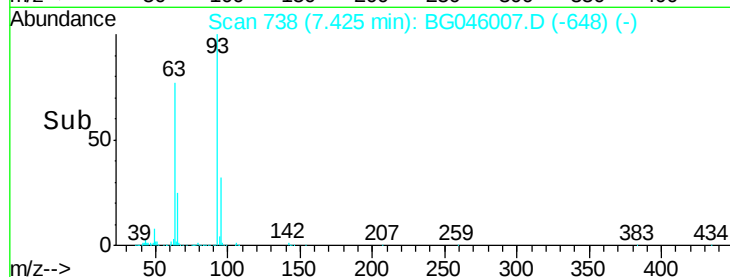
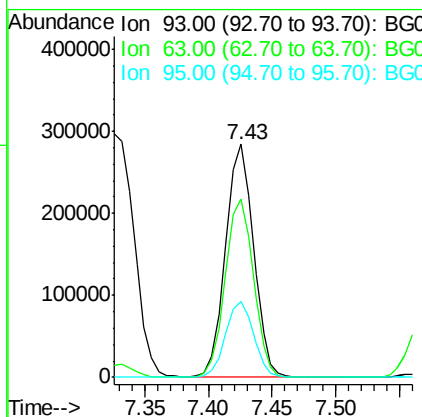
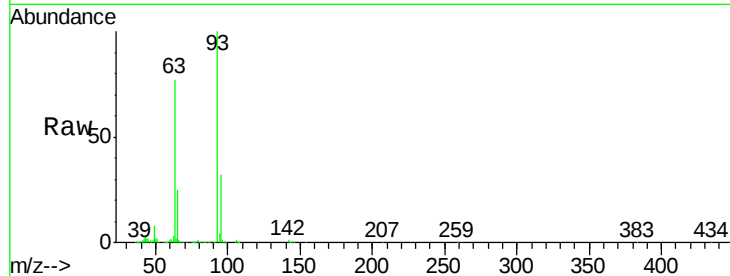
#11
bis(2-Chloroethyl)ether
Concen: 49.390 ng
RT: 7.43 min Scan# 738
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	435487		
63	76.7		58.6	98.6
95	32.5		13.3	53.3

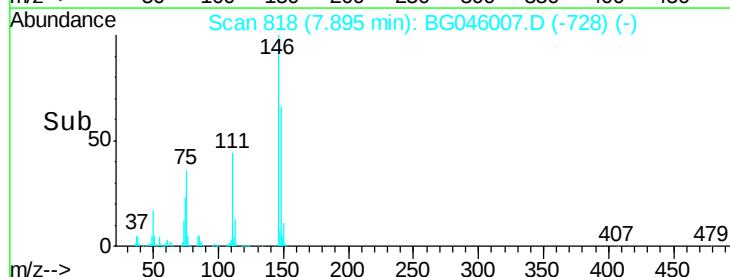
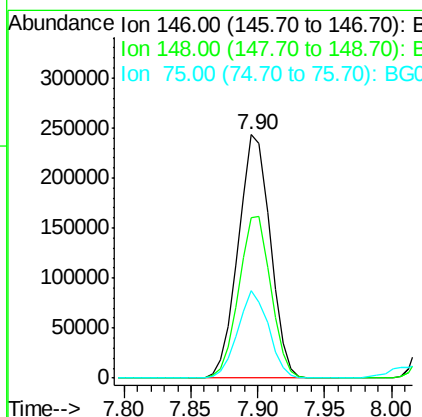
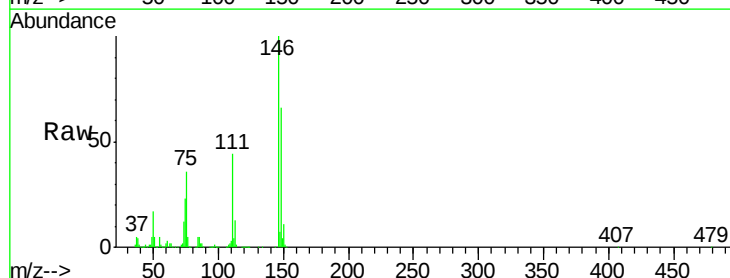
Manual Integrations
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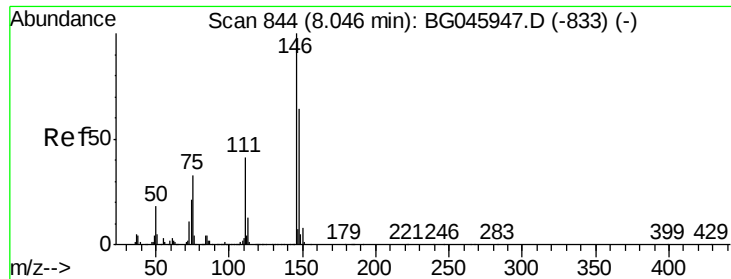
mohammad
7/13/2020 1:03:54 PM



#12
1,3-Dichlorobenzene
Concen: 44.197 ng
RT: 7.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	404891		
148	65.8		52.8	79.2
75	35.7		27.2	40.8





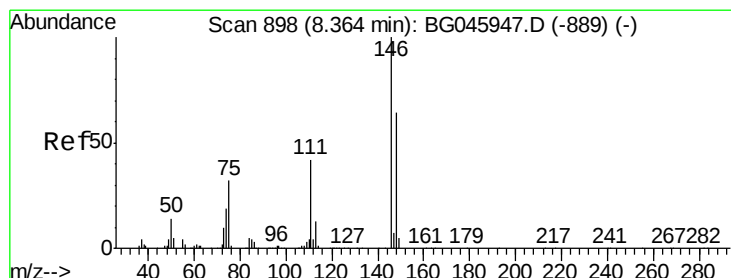
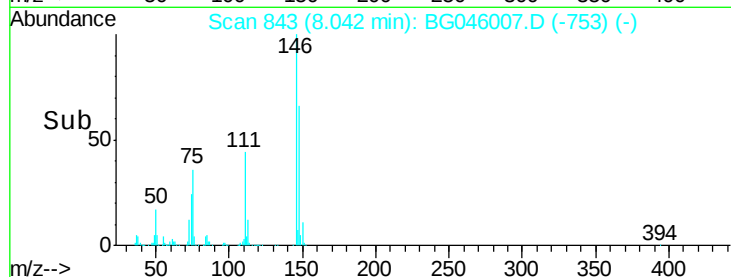
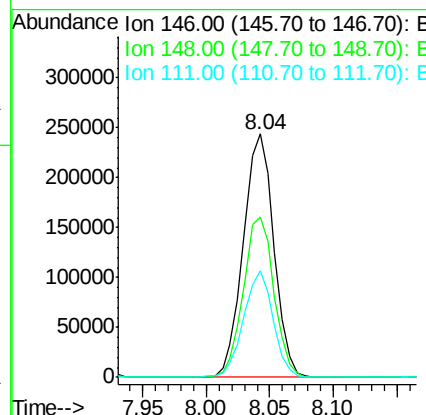
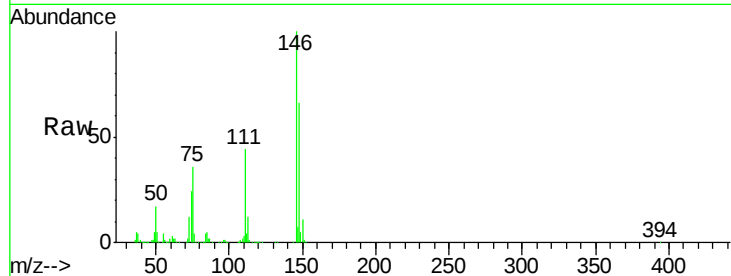
#13
 1,4-Dichlorobenzene
 Concen: 45.145 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.7	77.5
111	44.0	33.3	49.9

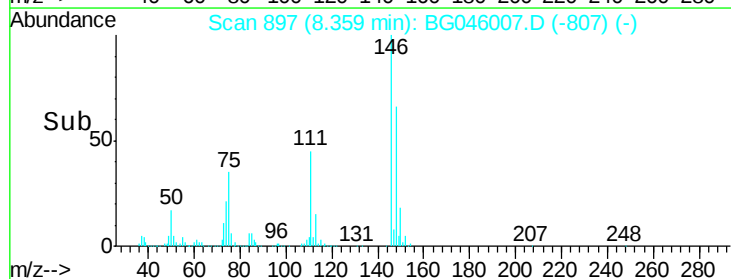
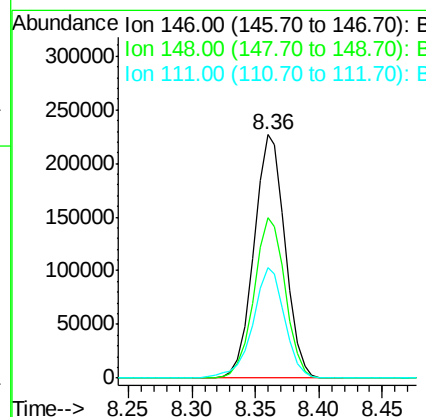
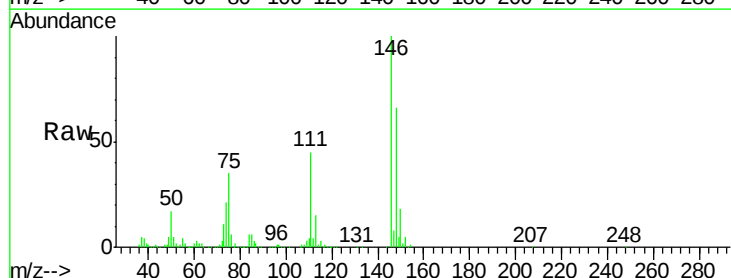
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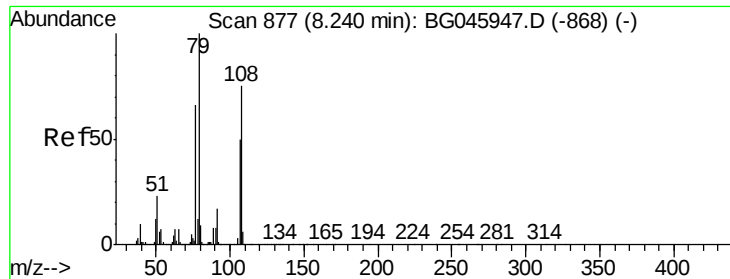
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 44.484 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.6	77.4
111	45.4	34.0	51.0





#15

Benzyl Alcohol

Concen: 51.113 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

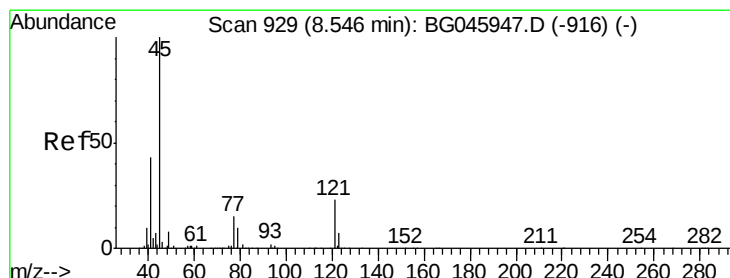
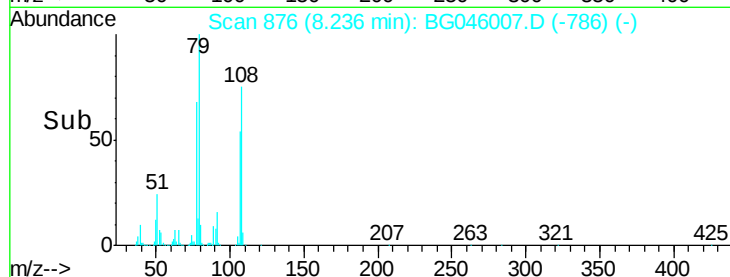
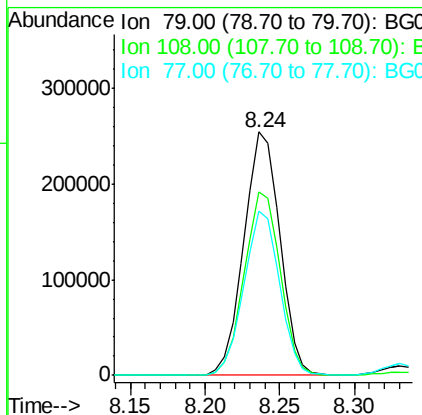
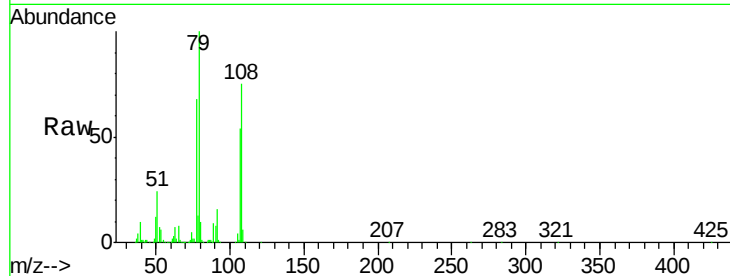
ClientSampleId :

MH-D19MS

Tot Ion:	79	Resp:	426007
Ion Ratio	Lower	Upper	
79	100		
108	75.4	60.2	90.4
77	67.5	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.101 ng

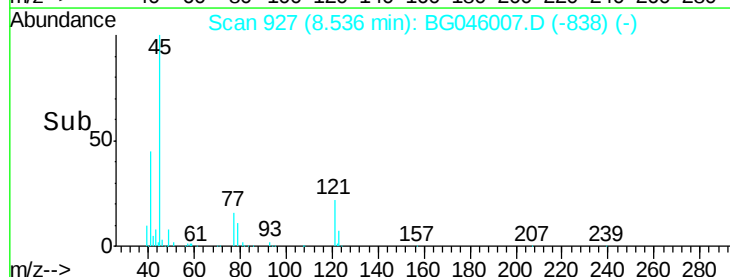
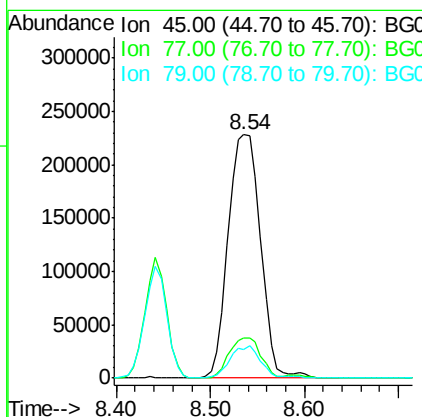
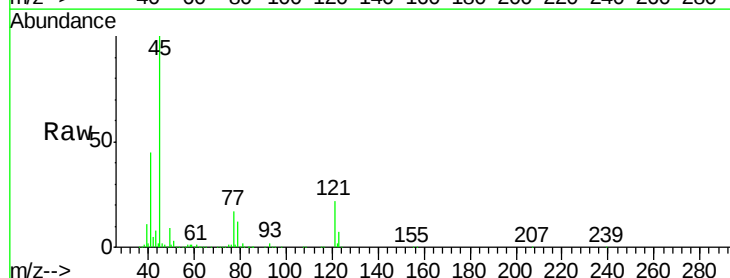
RT: 8.54 min Scan# 927

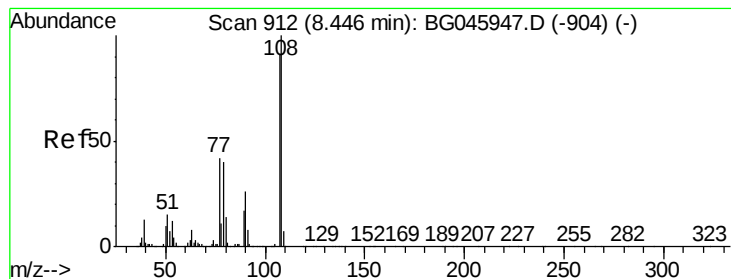
Delta R.T. -0.01 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Tgt Ion:	45	Resp:	541858
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.0	37.6
79	11.5	0.0	32.6





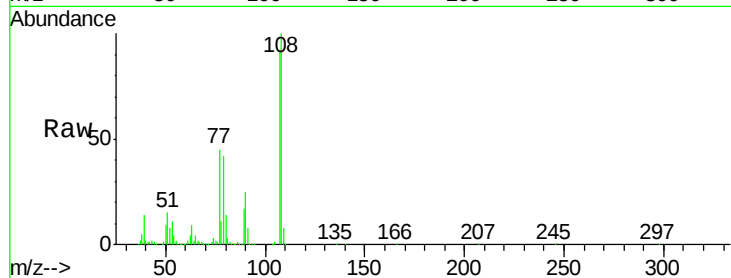
#17
2-Methylphenol
Concen: 46.845 ng
RT: 8.44 min Scan# 911
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.2	88.2	132.4	
77	48.7	37.0	55.4	
79	45.4	35.4	53.0	

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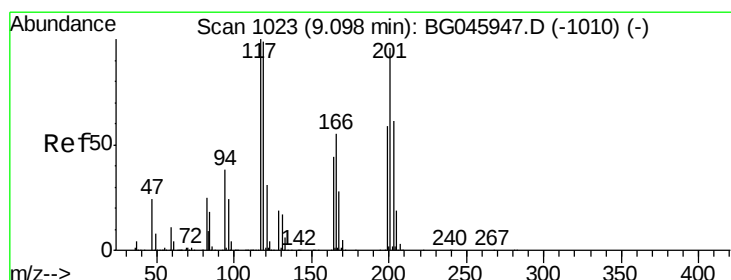
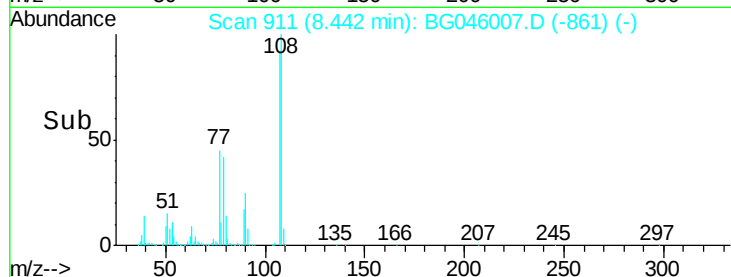
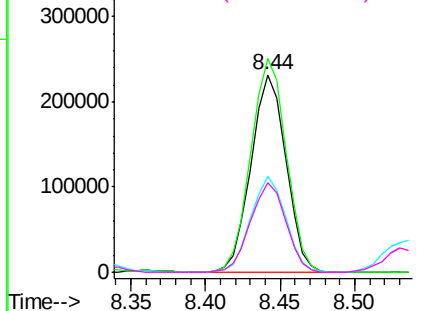
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

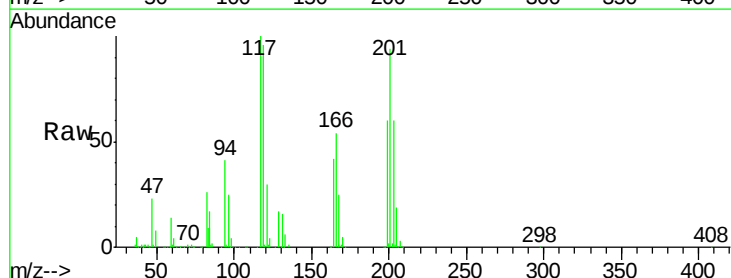
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 44.384 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	79.5	119.3	
201	93.5	77.0	115.4	

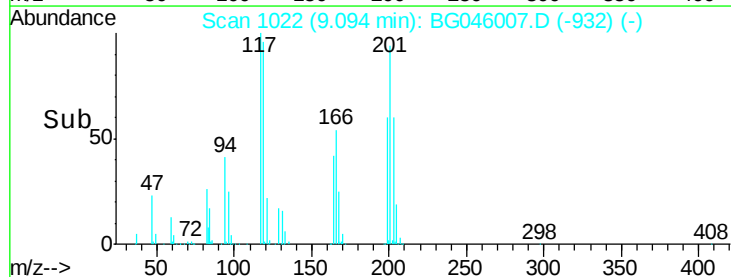
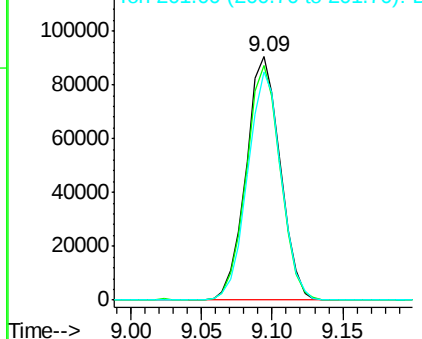


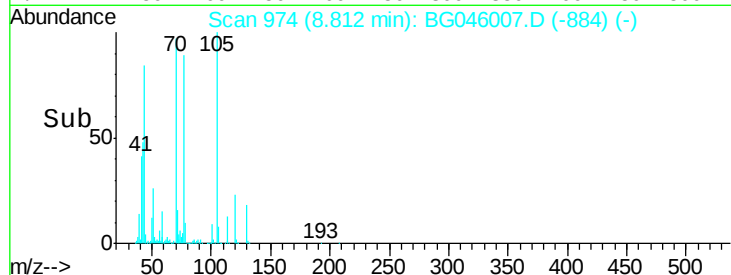
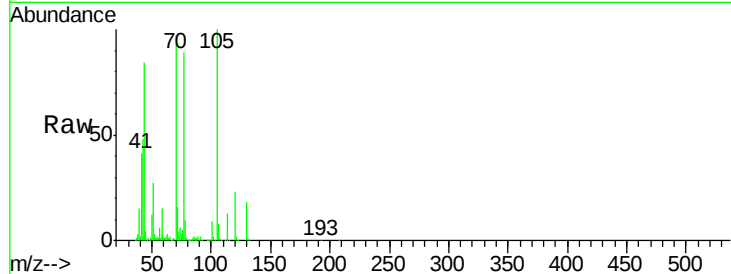
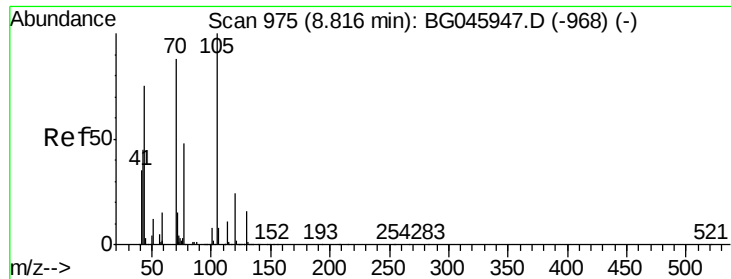
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





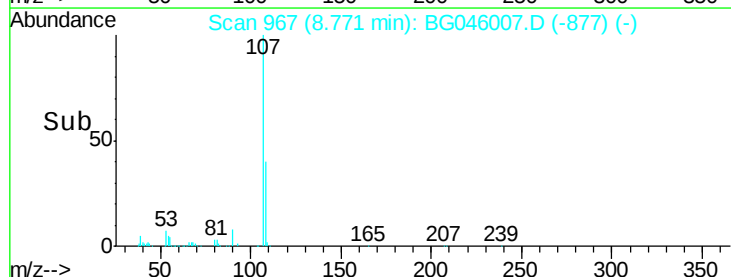
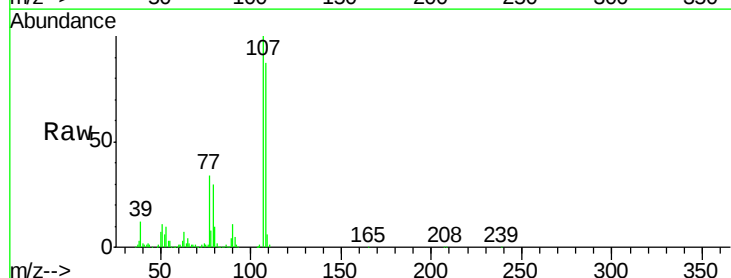
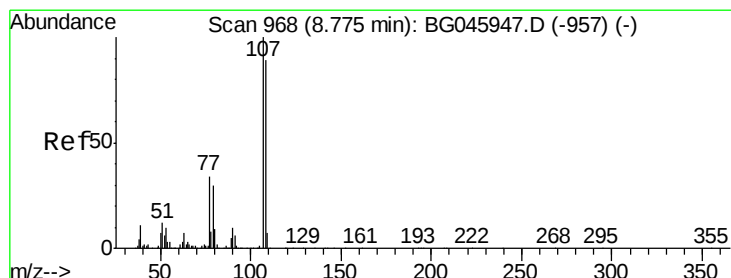
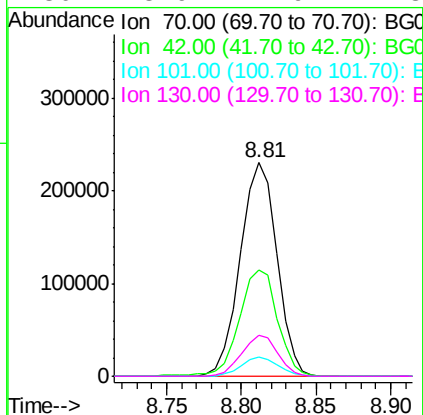
#19
n-Nitroso-di-n-propylamine
Concen: 52.582 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		392657		
42	49.9	41.4	62.0		
101	9.0	7.1	10.7		
130	18.9	14.9	22.3		

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

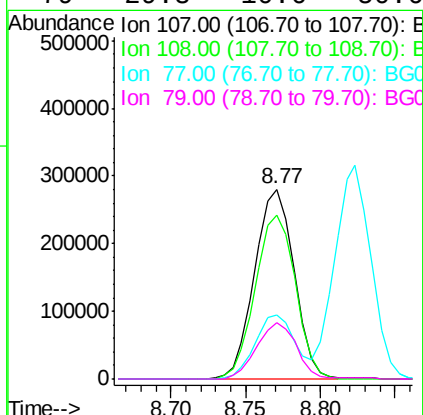
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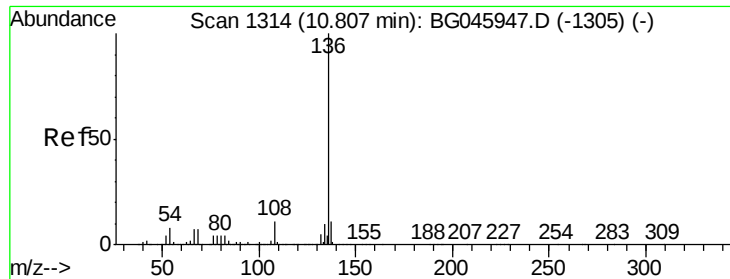
mohammad
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#20
3+4-Methylphenols
Concen: 47.035 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		512888		
108	86.6	68.7	108.7		
77	33.8	14.6	54.6		
79	29.8	10.6	50.6		





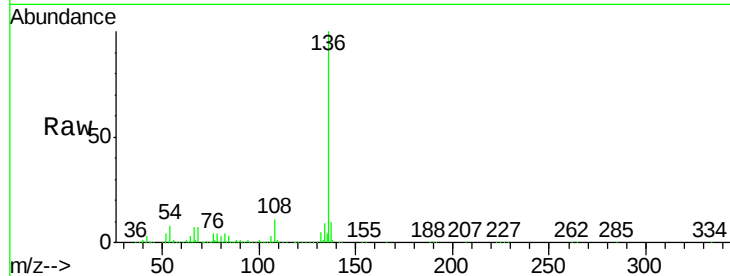
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

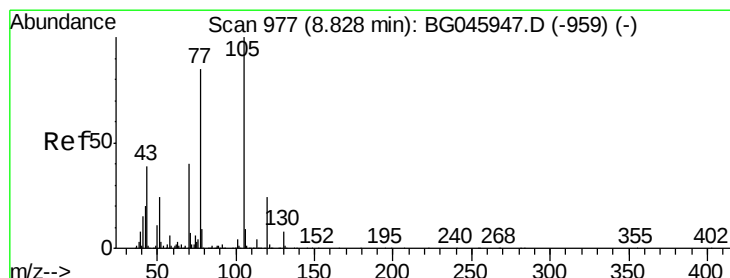
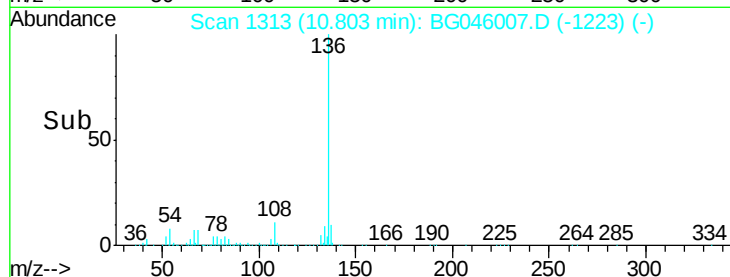
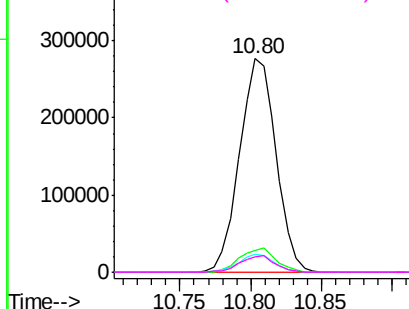
Tot Ion	Ratio	Resp	Lower	Upper
136	100	499338		
137	10.5		9.2	13.8
54	8.2		6.2	9.4
68	7.1		5.8	8.8

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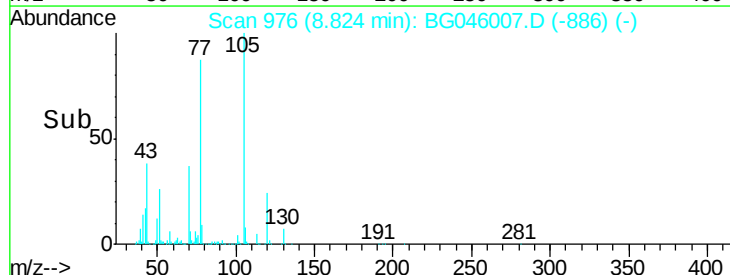
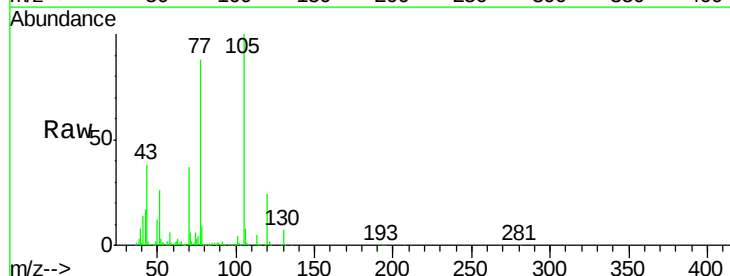
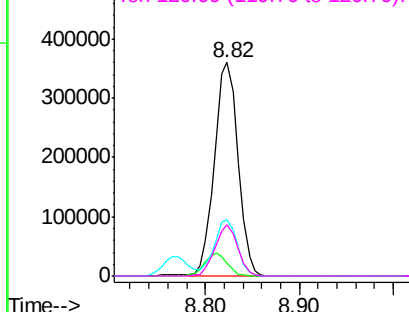
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

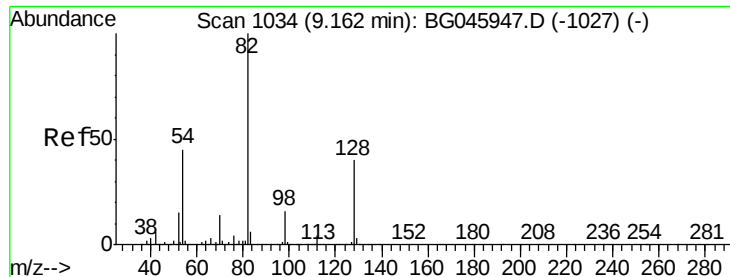


#22
Acetophenone
Concen: 47.471 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	633252		
71	6.2		6.2	9.2
51	26.2		19.7	29.5
120	23.7		19.2	28.8

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





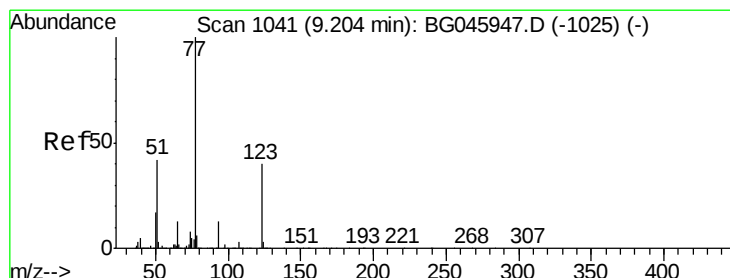
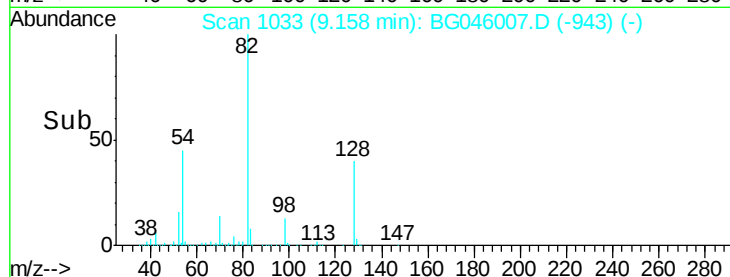
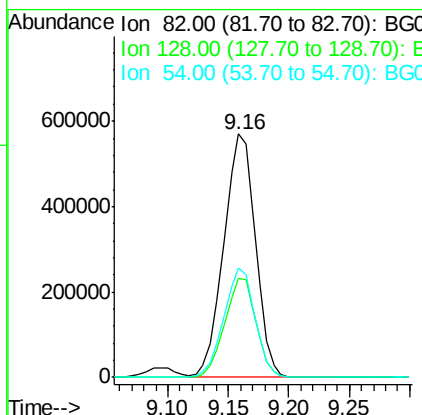
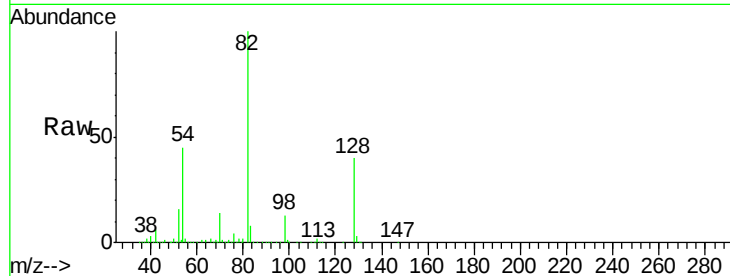
#23
 Nitrobenzene-d5
 Concen: 119.270 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MS

Tot Ion	82	Resp	1034711
Ion Ratio	Lower	Upper	
82	100		
128	40.4	32.2	48.4
54	44.8	35.8	53.6

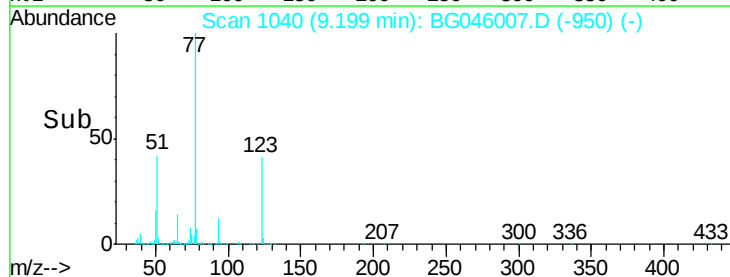
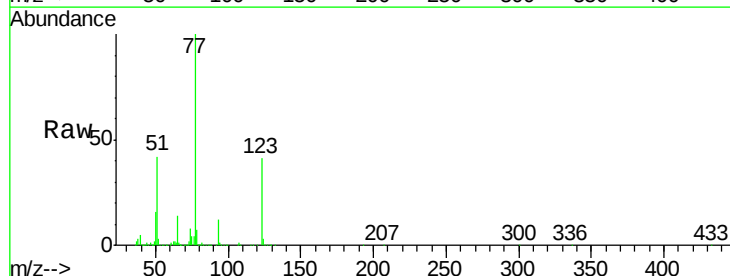
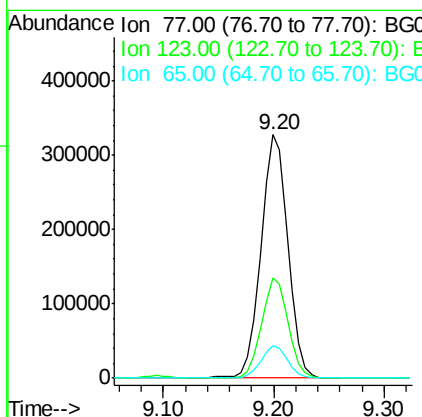
Manual Integrations
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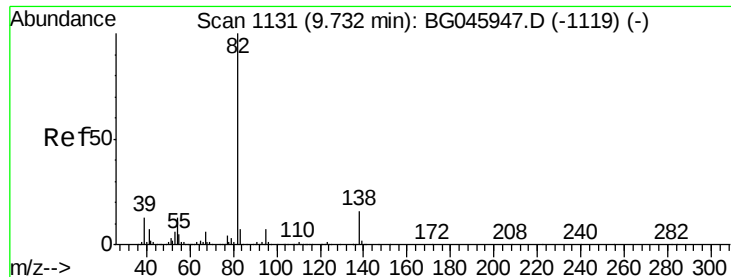
mohammad
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#24
 Nitrobenzene
 Concen: 58.067 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Tgt Ion	77	Resp	556011
Ion Ratio	Lower	Upper	
77	100		
123	41.0	32.7	49.1
65	13.6	10.2	15.4





#25

Isophorone

Concen: 48.857 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

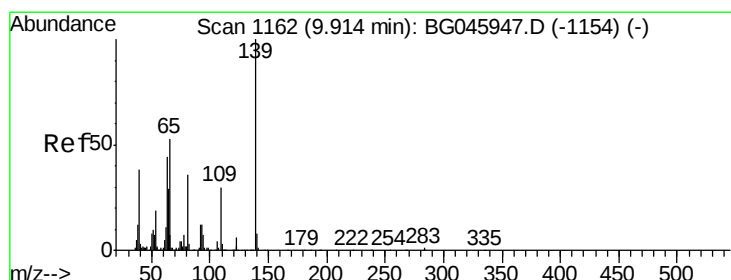
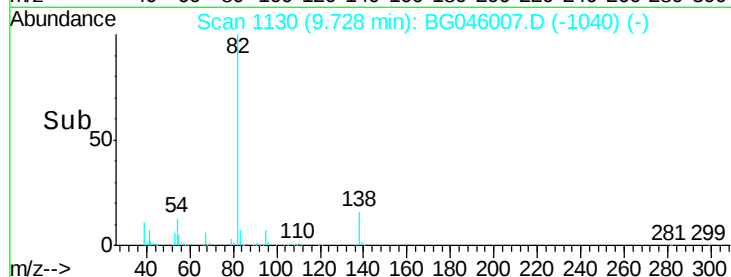
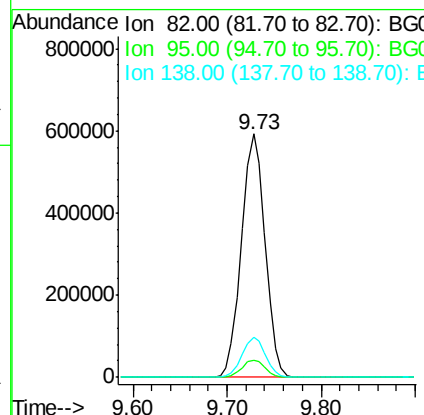
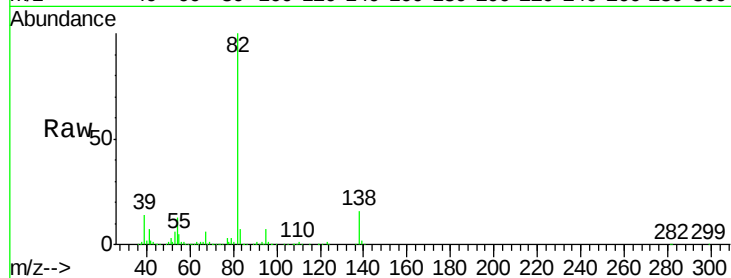
ClientSampleId :

MH-D19MS

Tot Ion:	82	Resp:	1034722
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.8	8.6
138	16.3	12.9	19.3

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#26

2-Nitrophenol

Concen: 67.022 ng

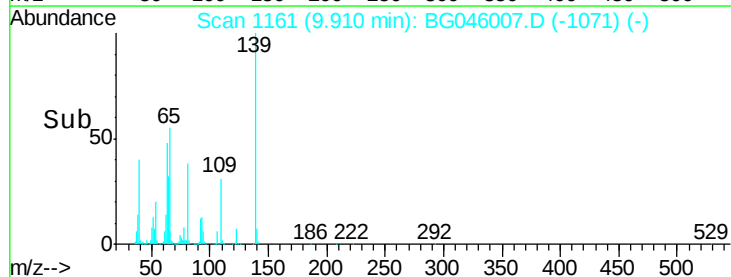
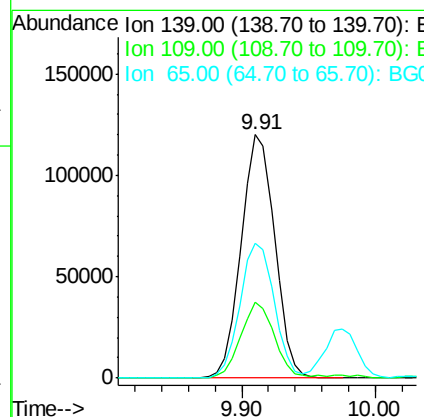
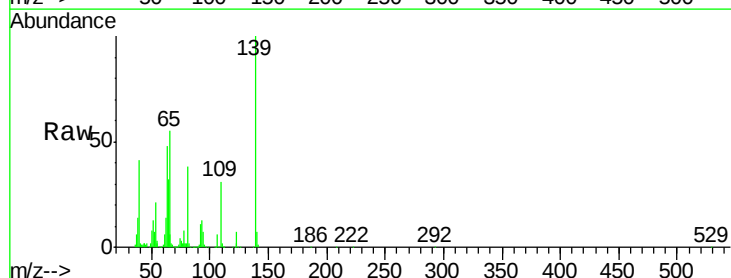
RT: 9.91 min Scan# 1161

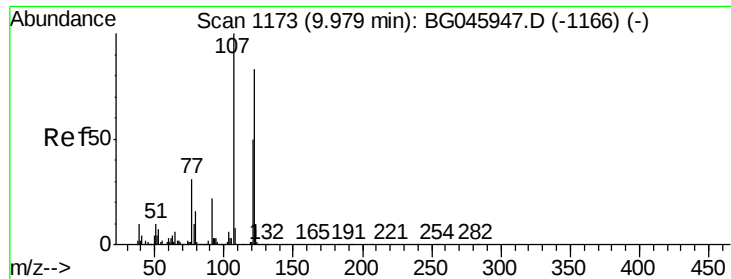
Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Tgt Ion:	139	Resp:	209178
Ion	Ratio	Lower	Upper
139	100		
109	31.0	24.6	37.0
65	55.3	42.6	64.0





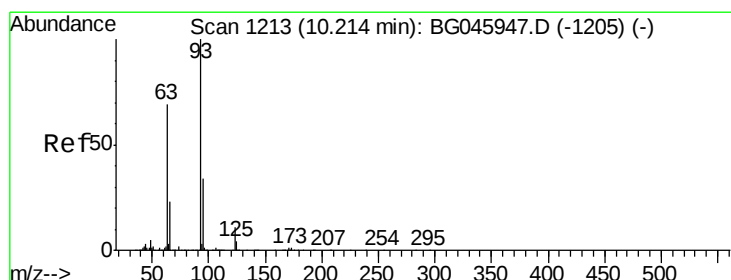
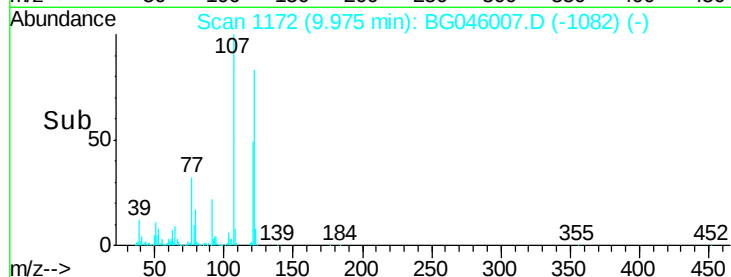
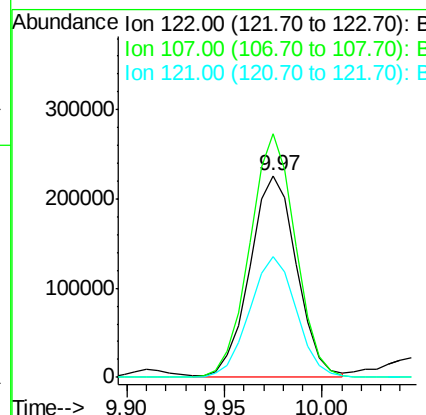
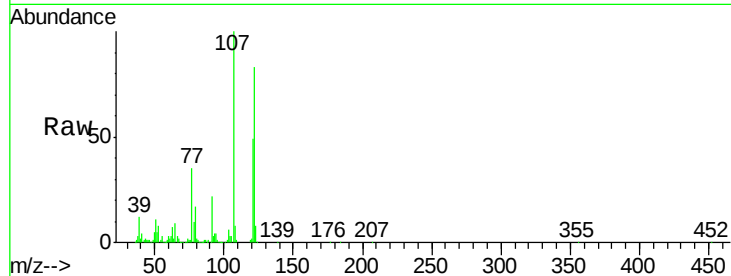
#27
2,4-Dimethylphenol
Concen: 49.573 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	120.7	95.6	143.4	
121	59.5	47.7	71.5	

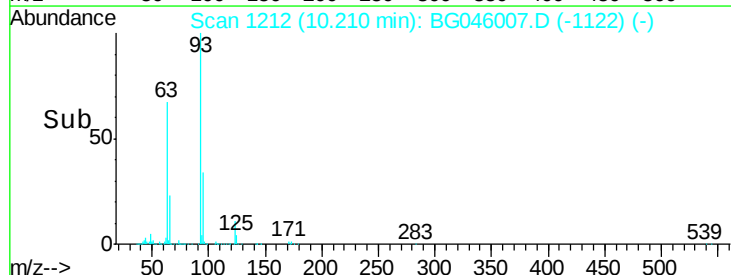
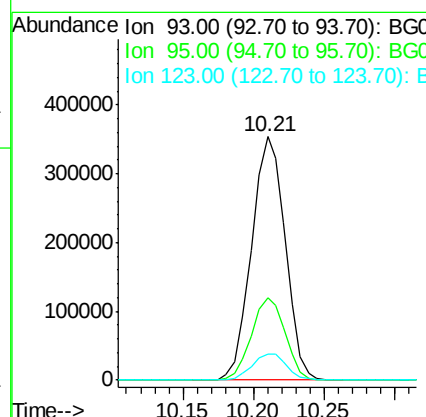
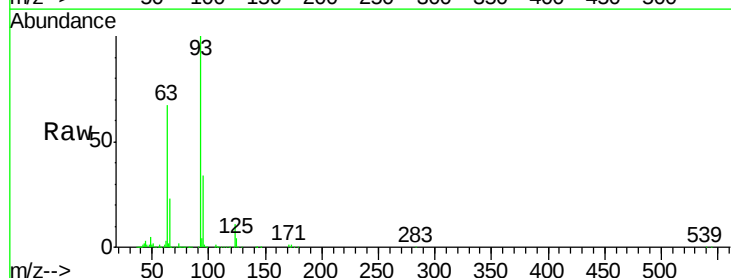
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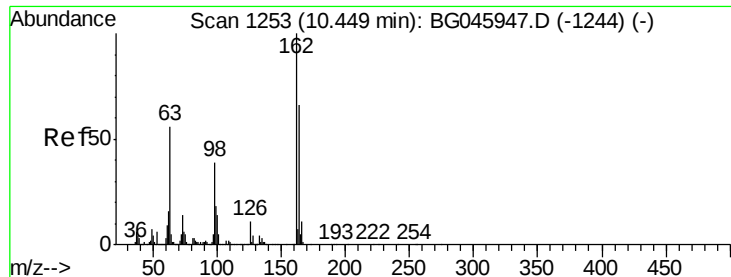
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 49.778 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	34.0	27.5	41.3	
123	10.7	9.2	13.8	





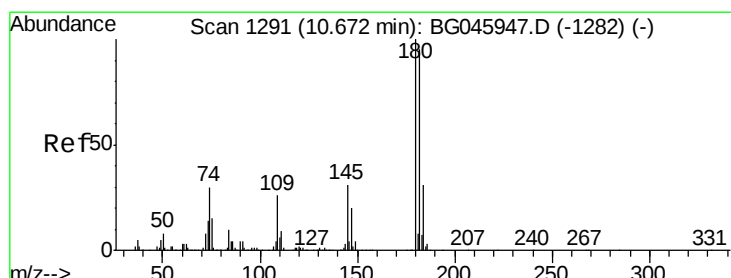
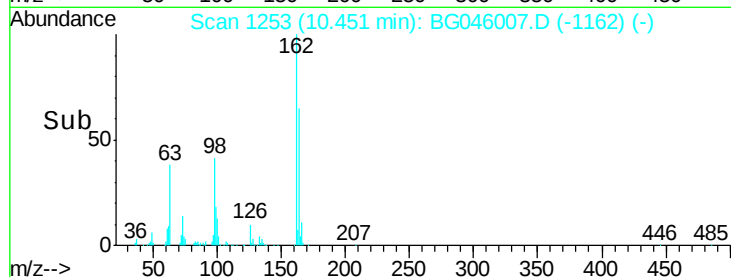
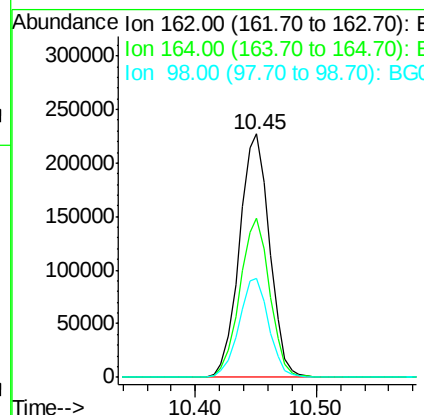
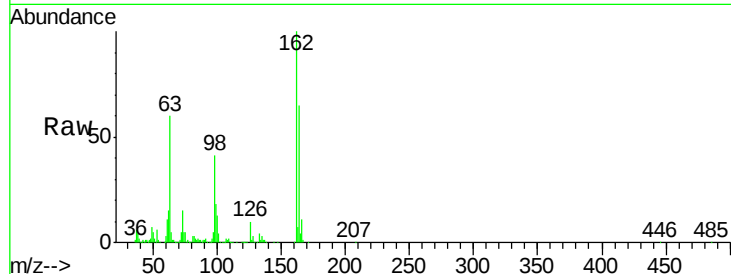
#29
 2,4-Dichlorophenol
 Concen: 50.657 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MS

Tot Ion:	162	Resp:	395314
Ion Ratio	Lower	Upper	
162	100		
164	65.5	46.0	86.0
98	40.7	19.2	59.2

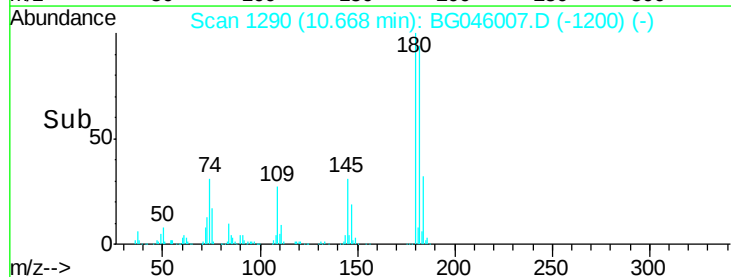
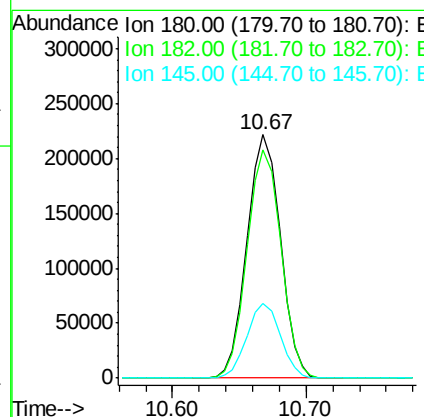
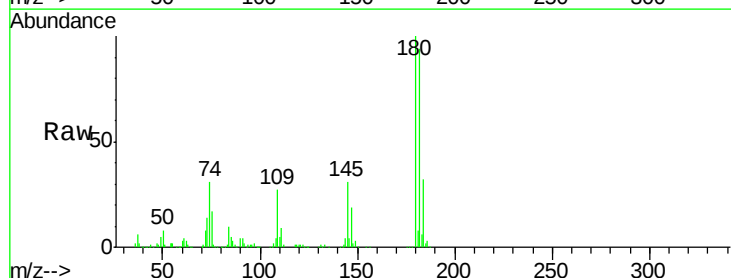
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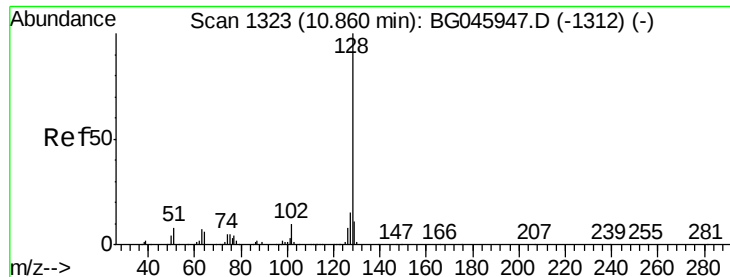
mohammad
 7/13/2020 1:03:54 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.373 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Tgt Ion:	180	Resp:	383672
Ion Ratio	Lower	Upper	
180	100		
182	93.6	76.3	114.5
145	30.6	24.8	37.2





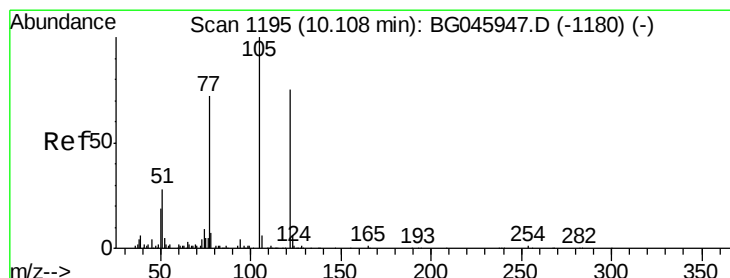
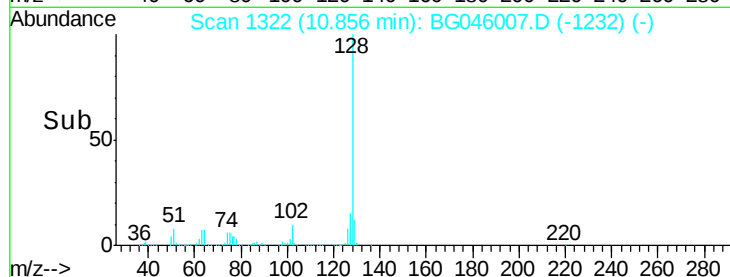
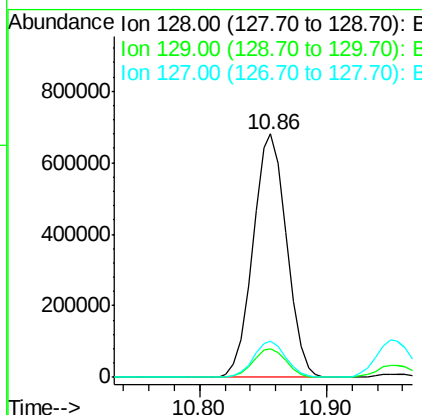
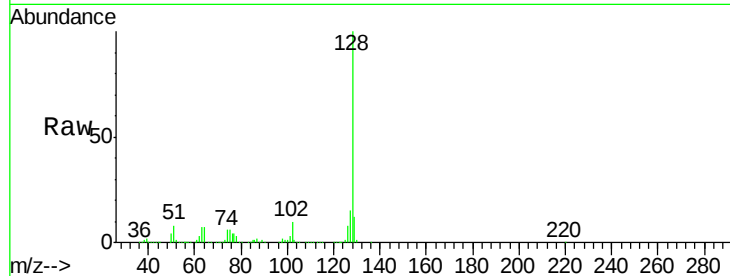
#31
Naphthalene
Concen: 46.564 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.2	13.8
127	14.8	11.8	17.6

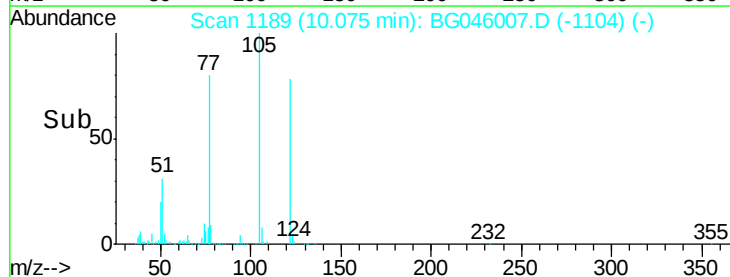
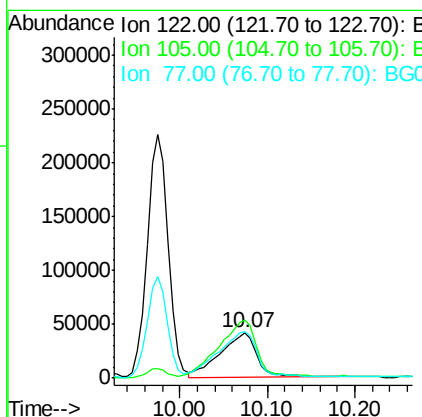
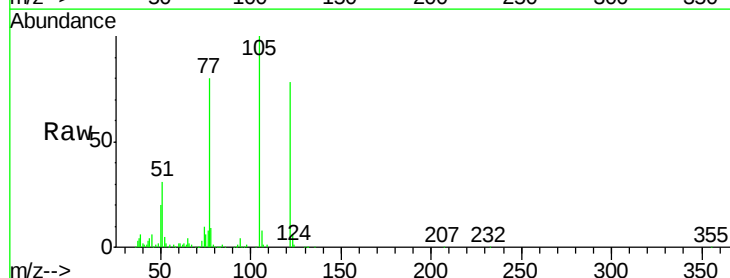
Manual Integrations
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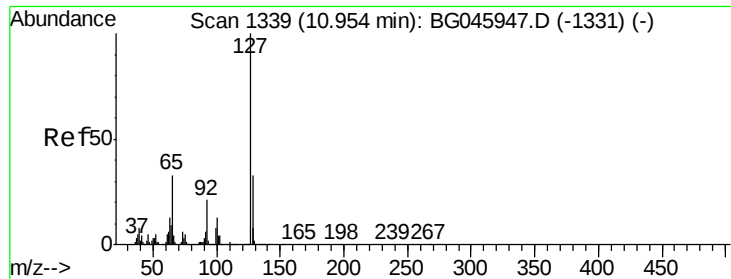
mohammad
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#32
Benzoic acid
Concen: 28.894 ng
RT: 10.07 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.1	110.8	150.8
77	102.6	76.4	116.4





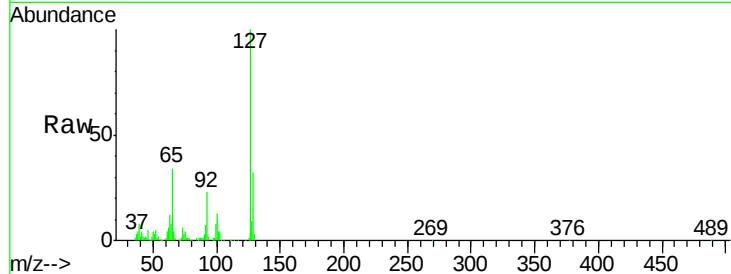
#33
4-Chloroaniline
Concen: 17.062 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

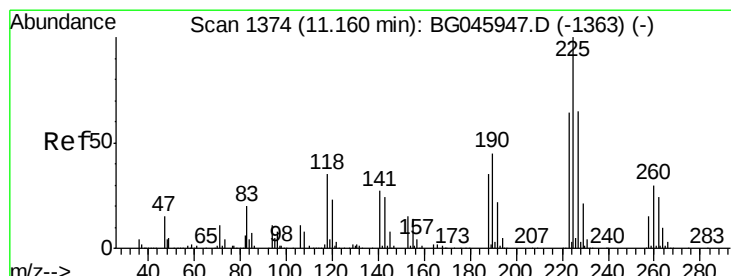
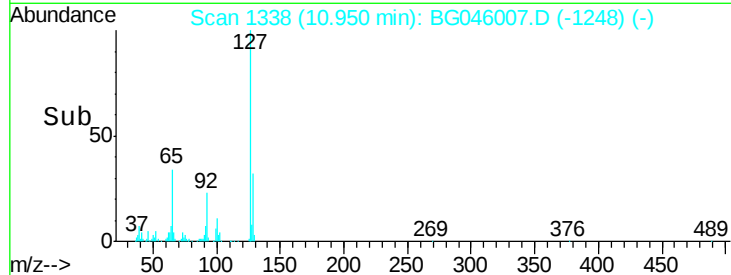
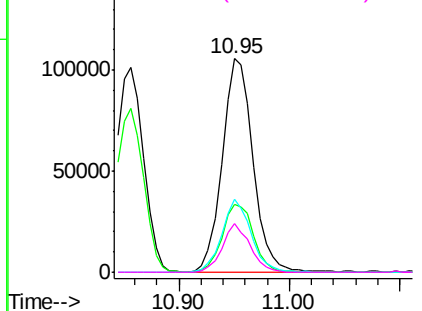
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	26.6	39.8		
65	33.9	26.8	40.2		
92	22.8	17.0	25.4		

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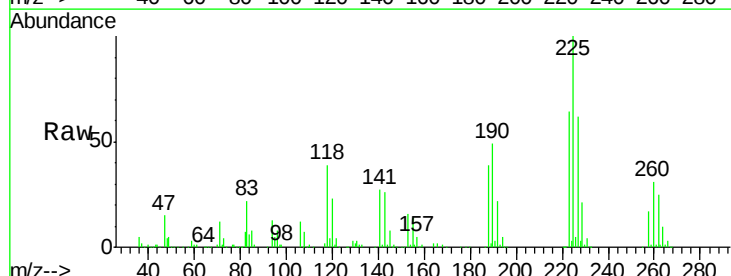


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

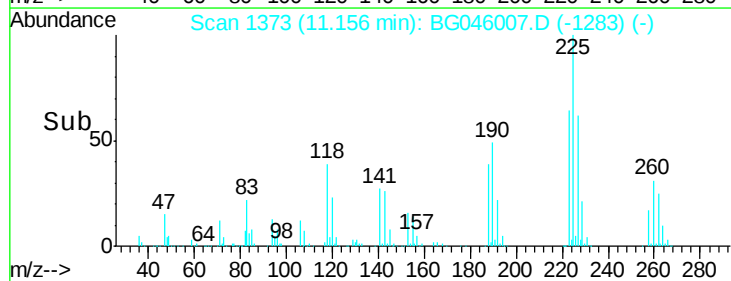
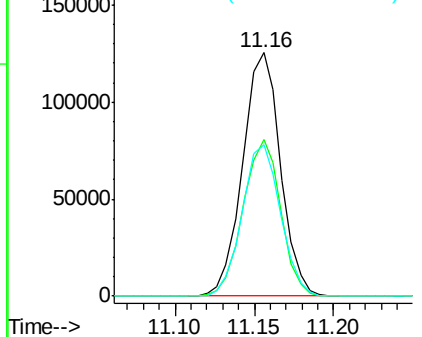


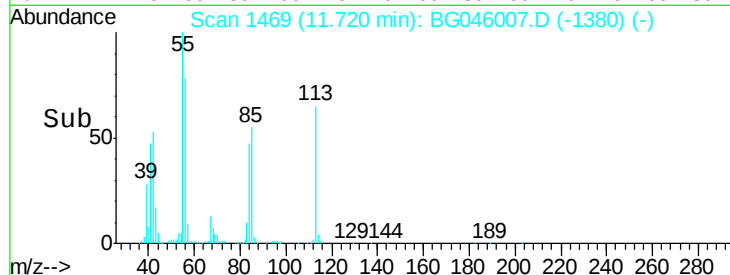
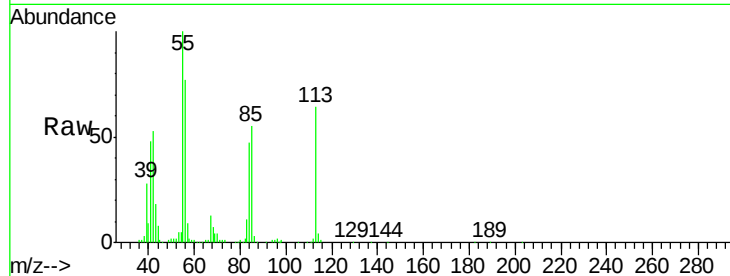
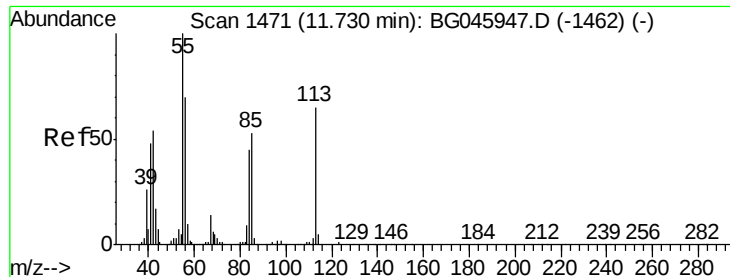
#34
Hexachlorobutadiene
Concen: 41.116 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	51.2	76.8		
227	62.1	52.3	78.5		



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





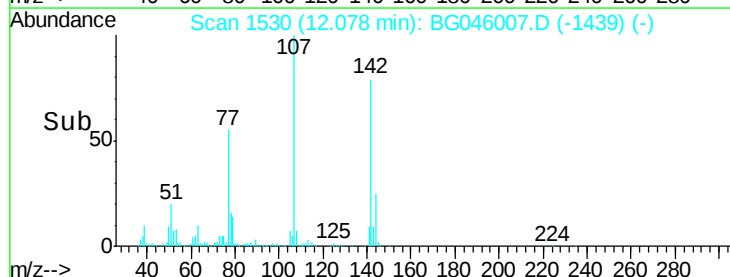
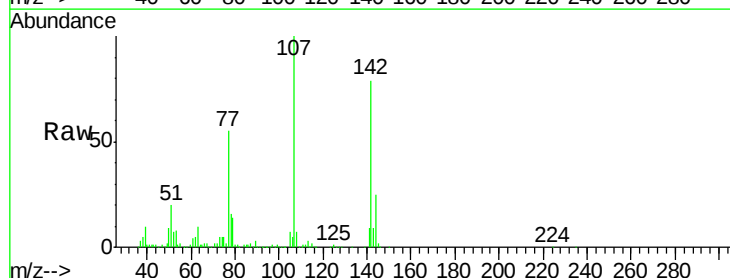
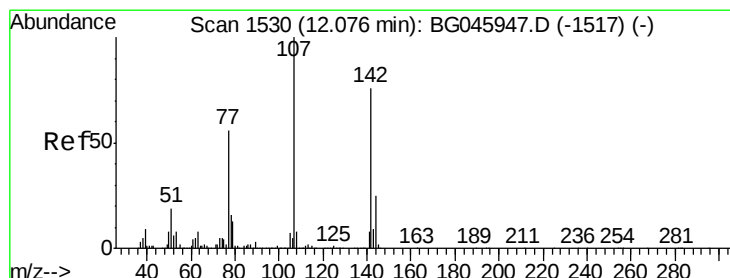
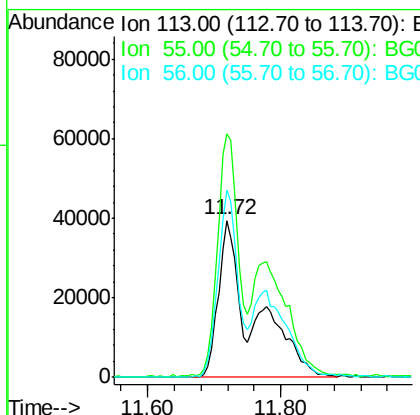
#35
Caprolactam
Concen: 47.923 ng/ml
RT: 11.72 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	155.2	141.6	181.6
56	119.8	89.6	129.6

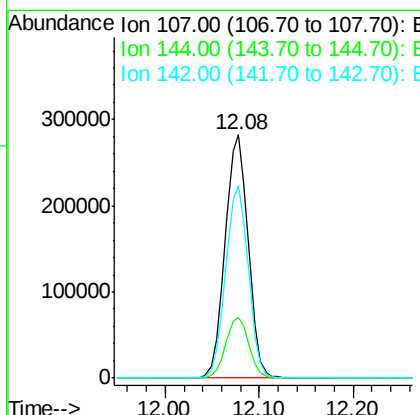
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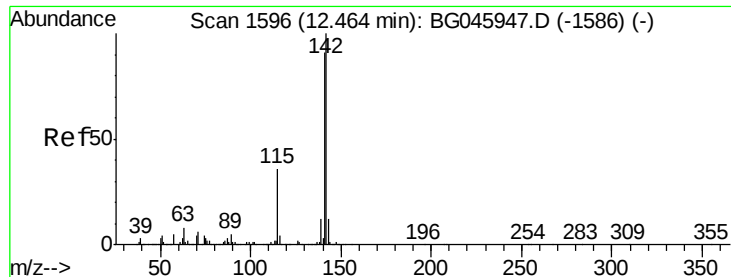
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 53.999 ng
RT: 12.08 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.0	30.0
142	79.1	61.1	91.7





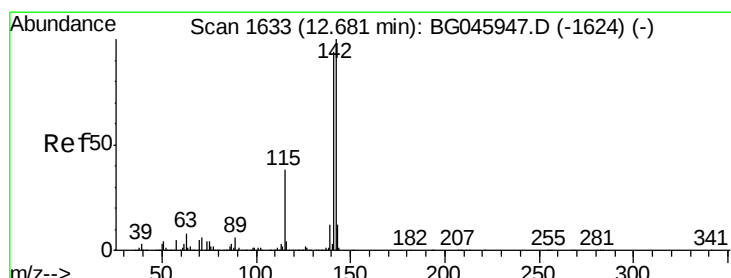
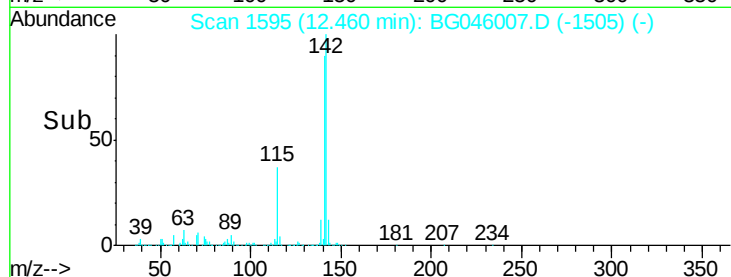
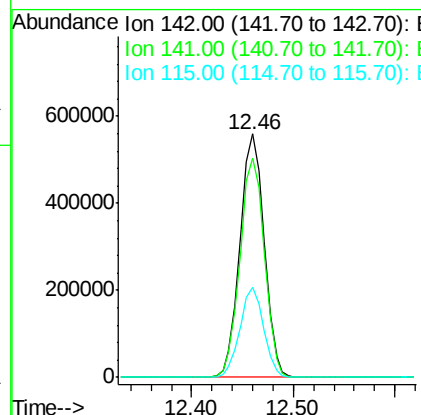
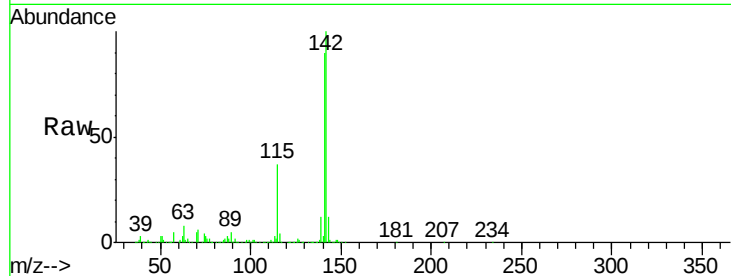
#37
2-Methylnaphthalene
Concen: 48.754 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.0	109.6
115	37.0	28.8	43.2

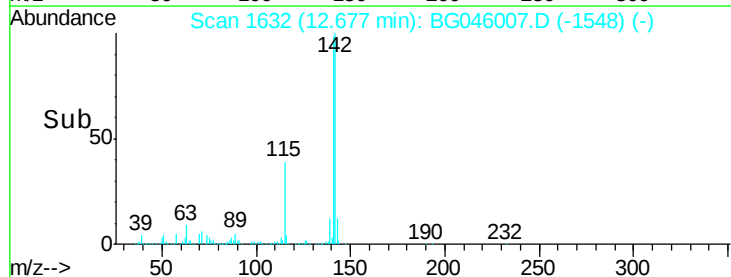
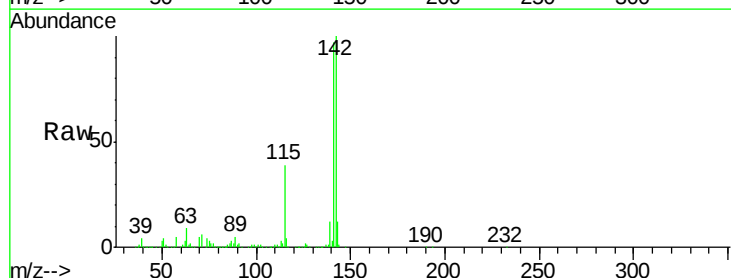
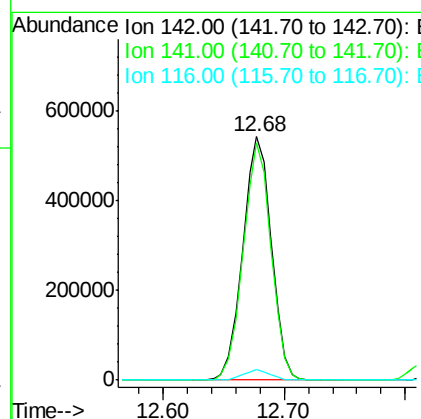
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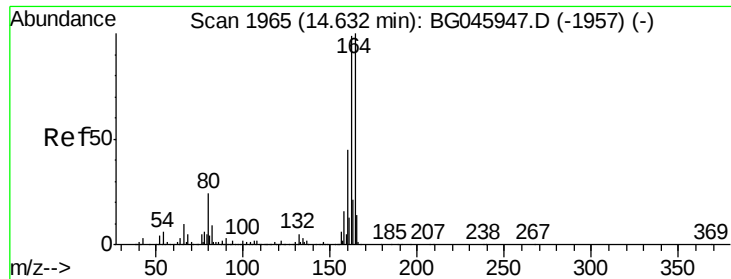
mohammad
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#38
1-Methylnaphthalene
Concen: 49.781 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.5	75.2	112.8
116	4.4	3.1	4.7





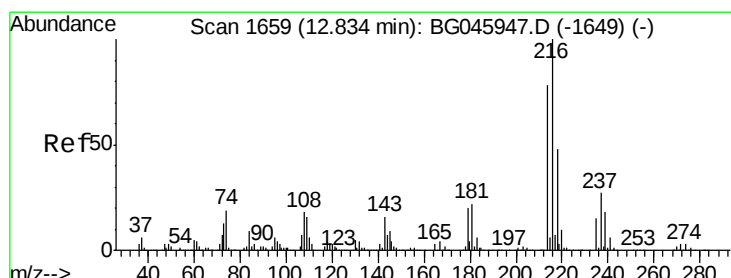
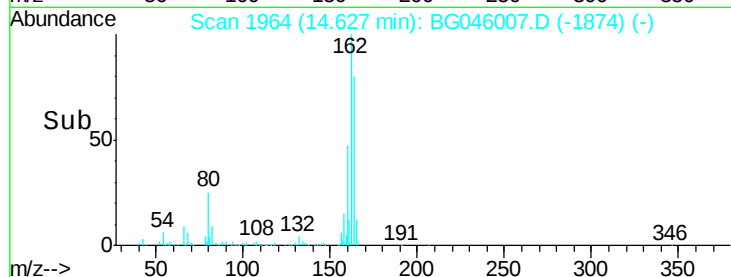
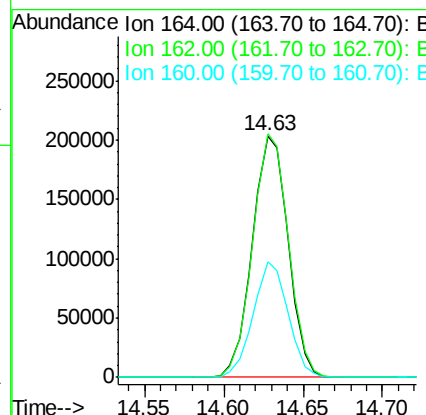
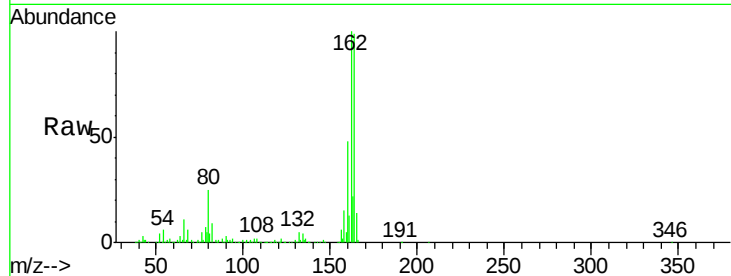
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampled :
MH-D19MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	79.3	118.9
160	48.0	35.7	53.5

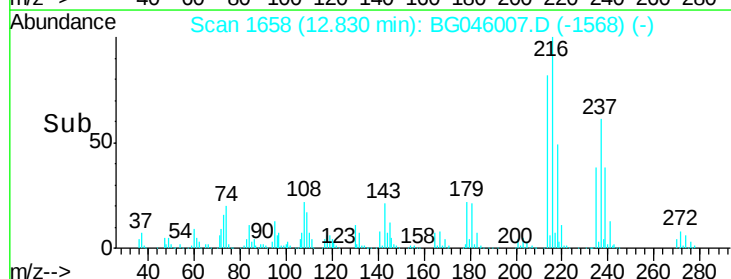
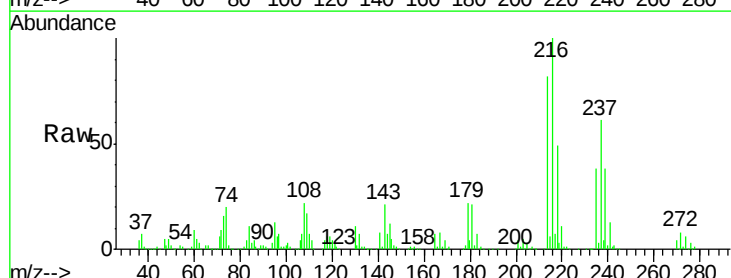
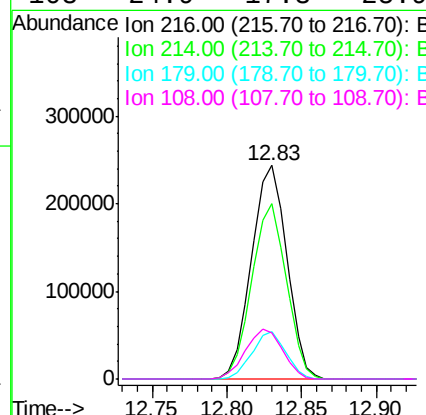
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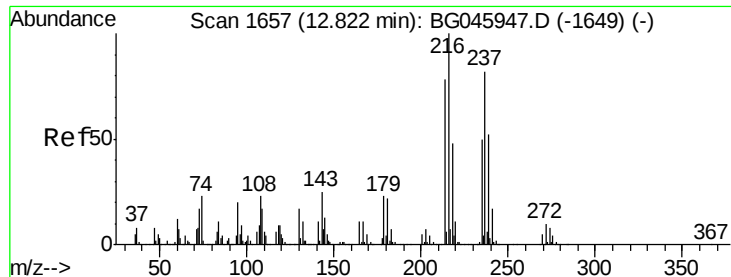
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.260 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.0	94.4
179	21.4	17.0	25.6
108	24.9	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 86.359 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

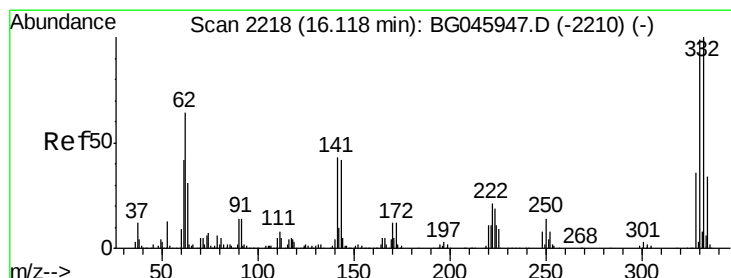
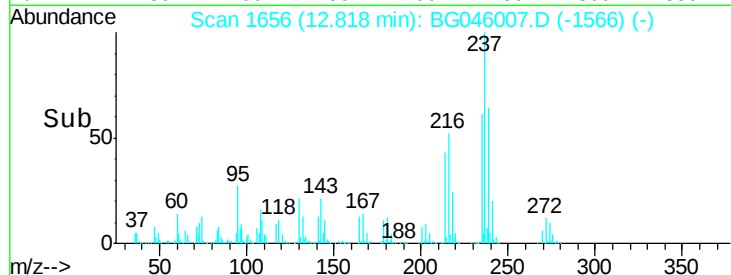
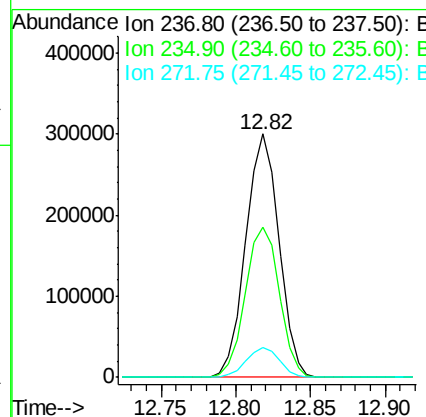
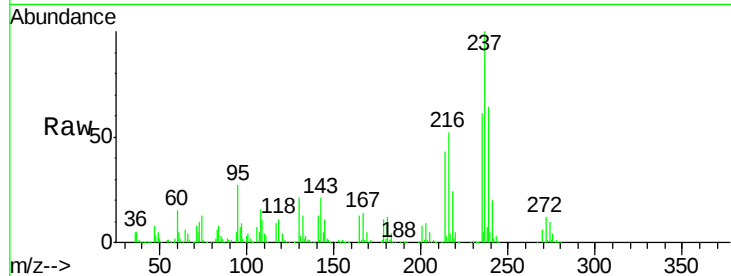
ClientSampleId :

MH-D19MS

Tot Ion:	237	Resp:	461742
Ion Ratio	Lower	Upper	
237	100		
235	61.4	41.5	81.5
272	12.4	0.0	31.7

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 167.857 ng

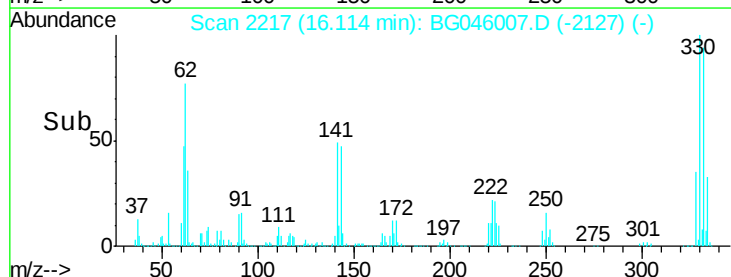
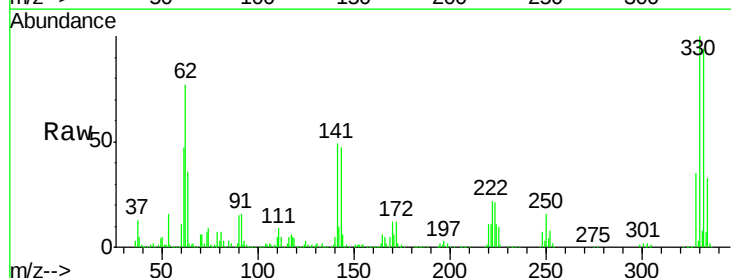
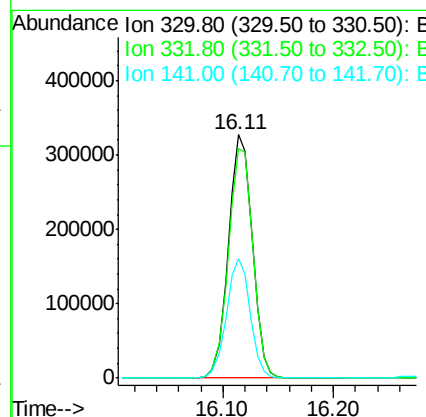
RT: 16.11 min Scan# 2217

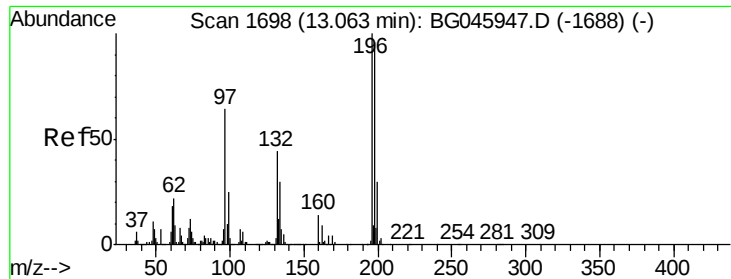
Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Tgt Ion:	330	Resp:	497994
Ion Ratio	Lower	Upper	
330	100		
332	96.5	78.3	117.5
141	48.3	36.6	54.8





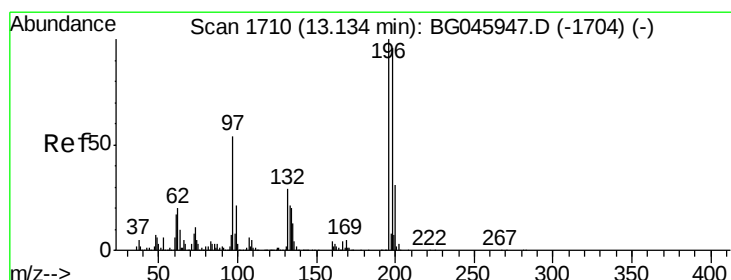
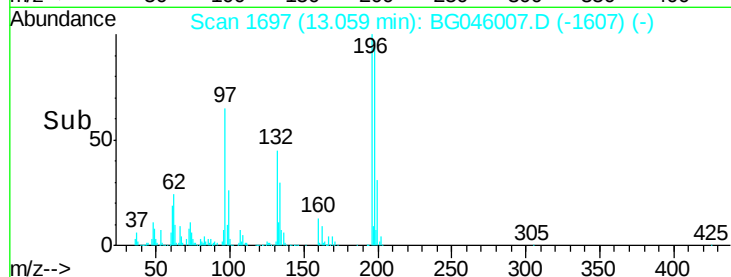
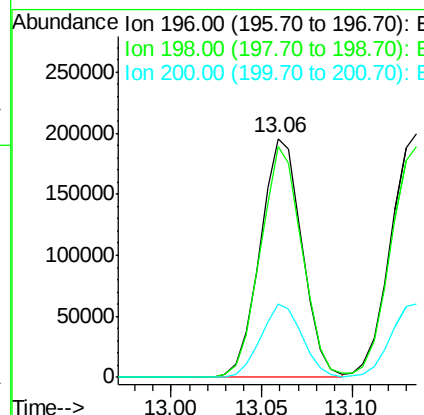
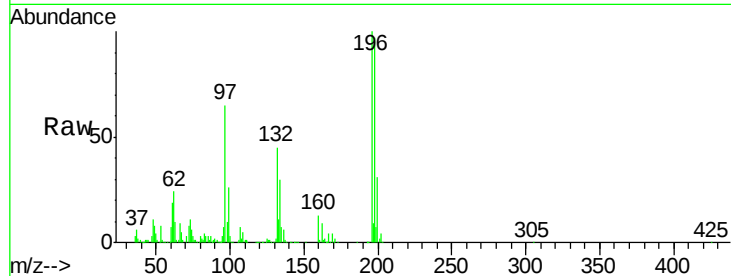
#43
 2,4,6-Trichlorophenol
 Concen: 51.733 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	315267		
198	96.8	76.7	115.1	
200	31.0	24.3	36.5	

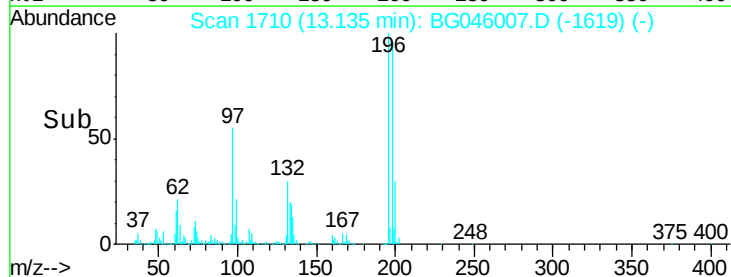
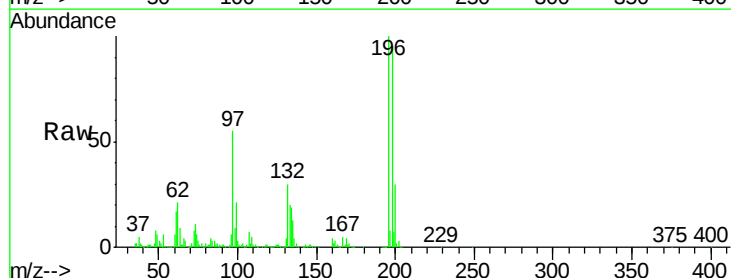
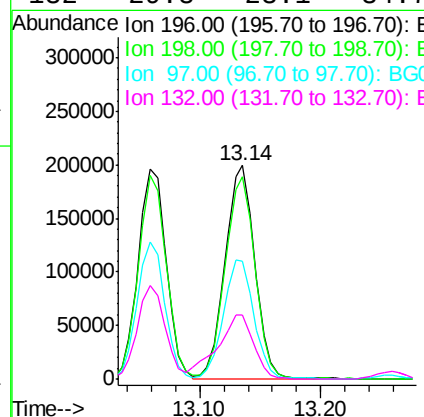
Manual Integrations
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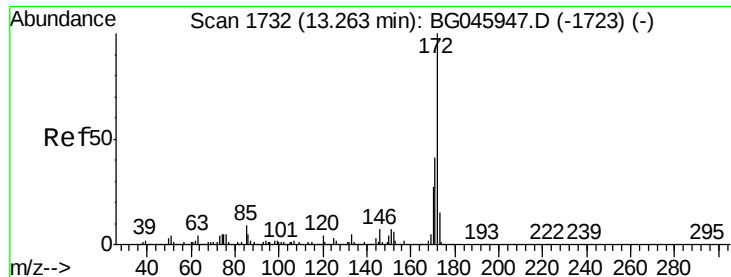
mohammad
 7/13/2020 1:03:54 PM



#44
 2,4,5-Trichlorophenol
 Concen: 49.171 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	338808		
198	94.6	77.0	115.6	
97	55.3	44.3	66.5	
132	29.8	23.1	34.7	





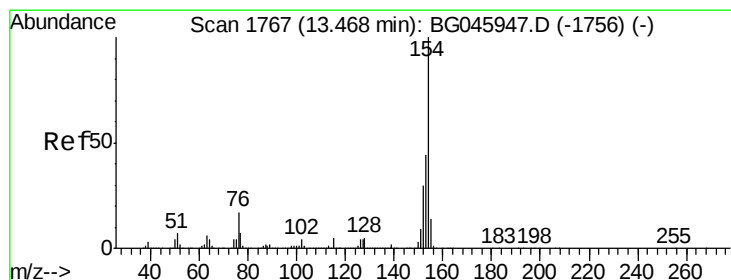
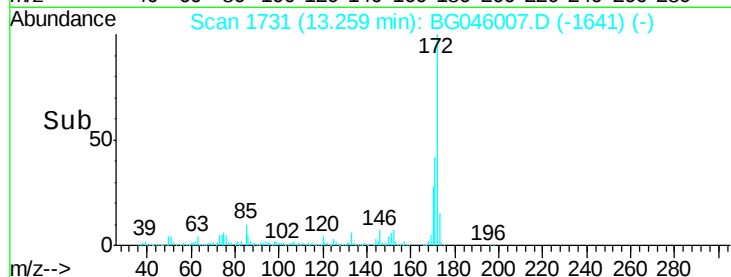
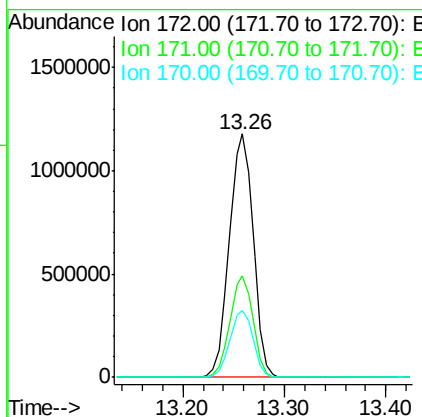
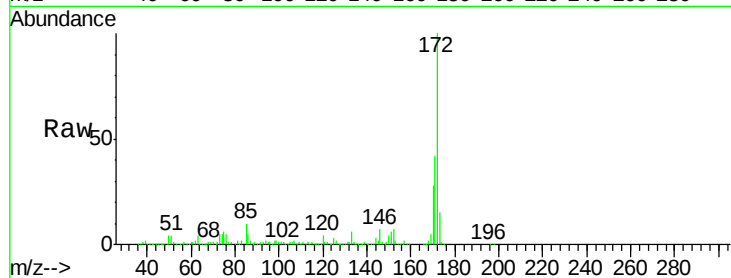
#45
2-Fluorobiphenyl
Concen: 93.714 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.7	32.9	49.3
170	27.6	21.8	32.6

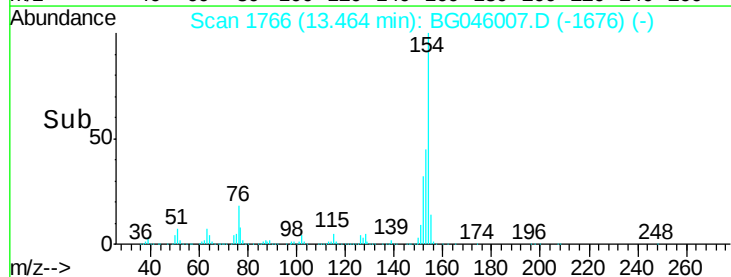
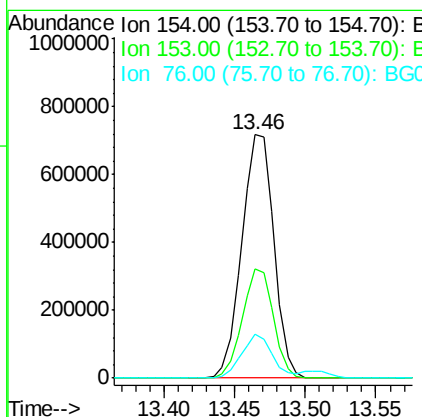
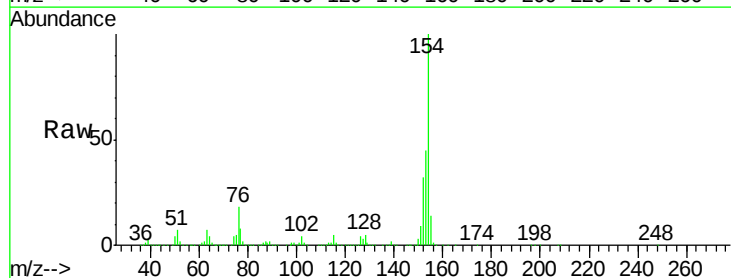
Manual Integrations
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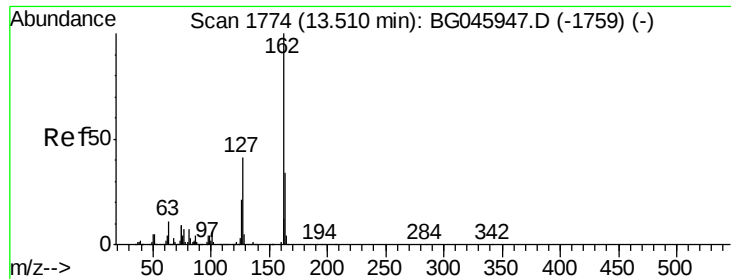
mohammad
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#46
1,1'-Biphenyl
Concen: 47.590 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.7	23.6	63.6
76	17.9	0.0	36.9





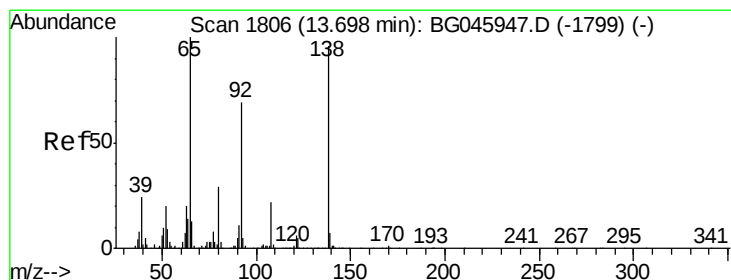
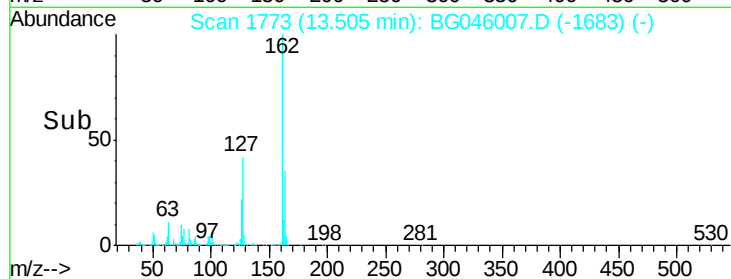
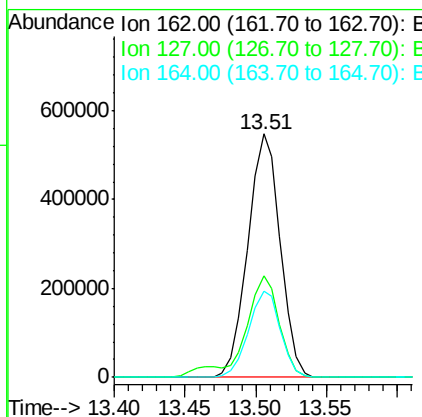
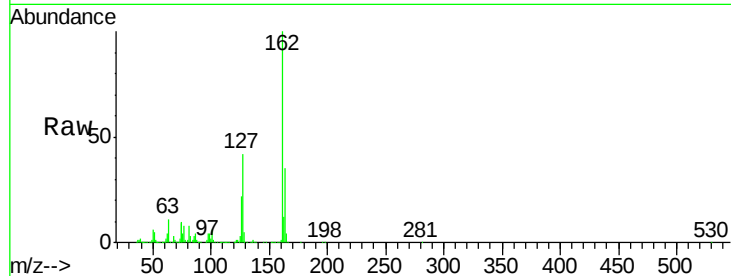
#47
 2-Chloronaphthalene
 Concen: 46.449 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	32.5	48.7
164	35.3	27.2	40.8

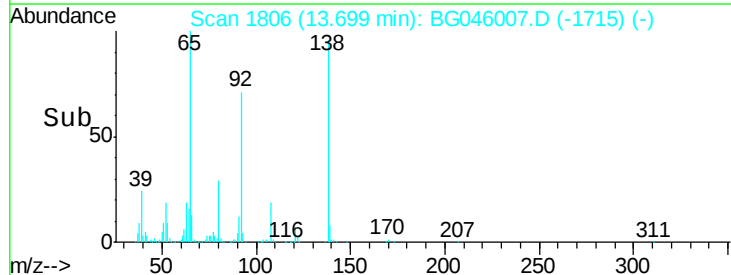
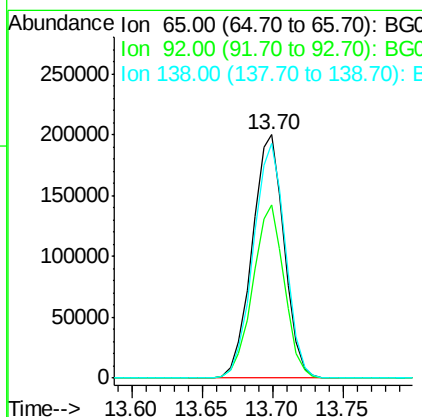
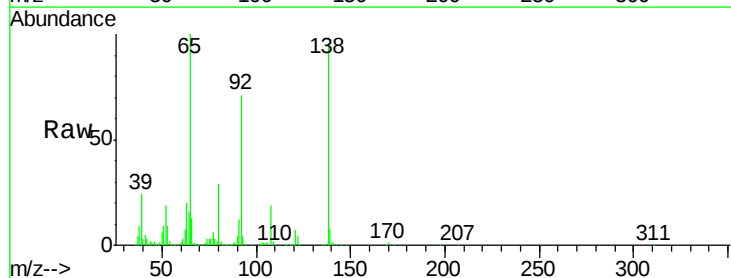
Manual Integrations
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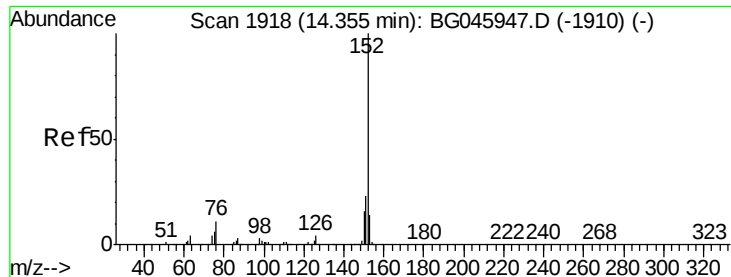
mohammad
 7/13/2020 1:03:54 PM



#48
 2-Nitroaniline
 Concen: 59.129 ng
 RT: 13.70 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	55.4	83.0
138	96.2	77.0	115.4





#49

Acenaphthylene

Concen: 47.373 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

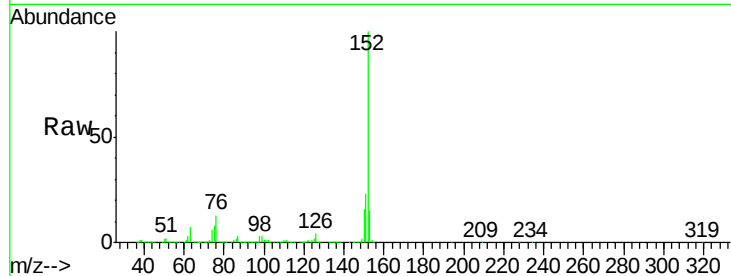
ClientSampleId :

MH-D19MS

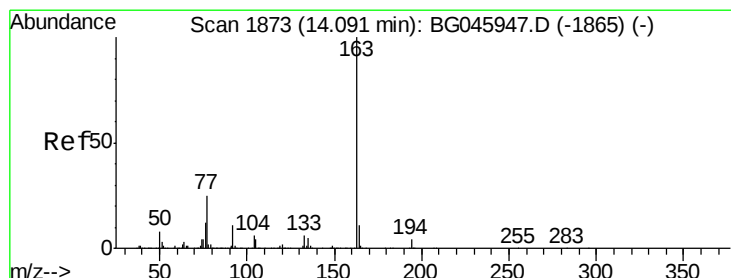
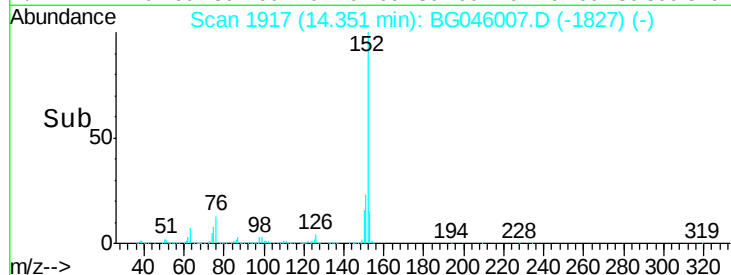
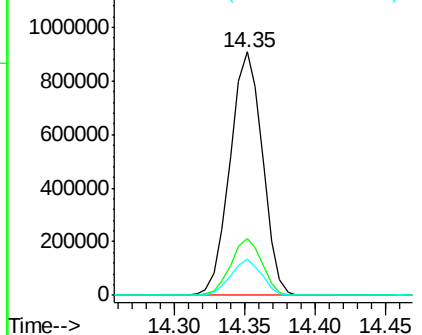
Tot Ion:	152	Resp:	1450155
Ion	Ratio	Lower	Upper
152	100		
151	23.3	18.1	27.1
153	15.1	11.5	17.3

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.923 ng

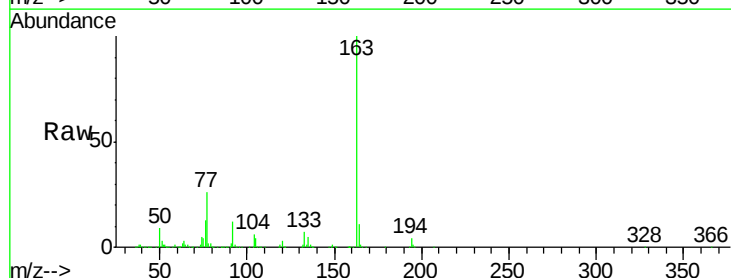
RT: 14.09 min Scan# 1872

Delta R.T. -0.00 min

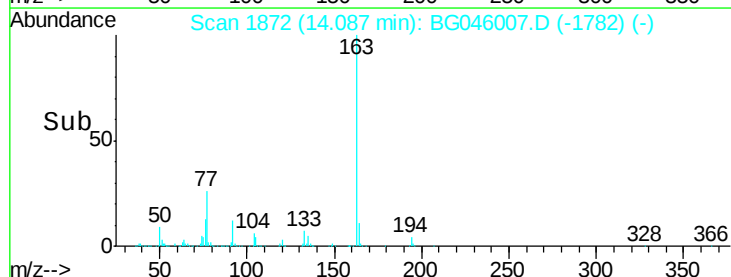
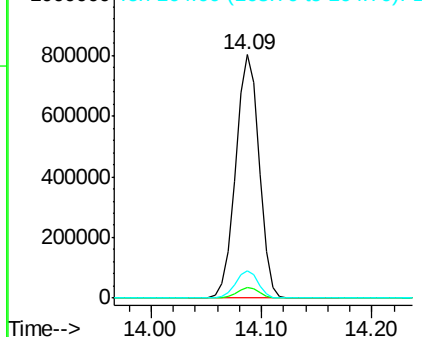
Lab File: BG046007.D

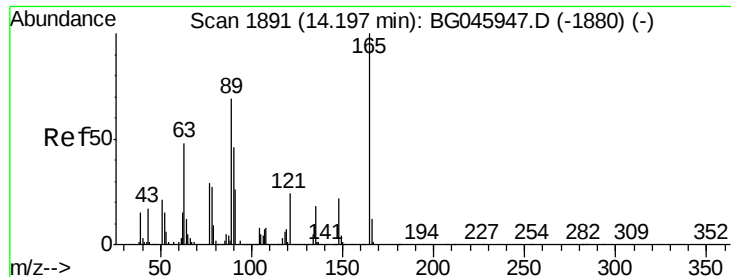
Acq: 10 Jul 2020 15:07

Tgt Ion:	163	Resp:	1197645
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	11.2	8.9	13.3



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





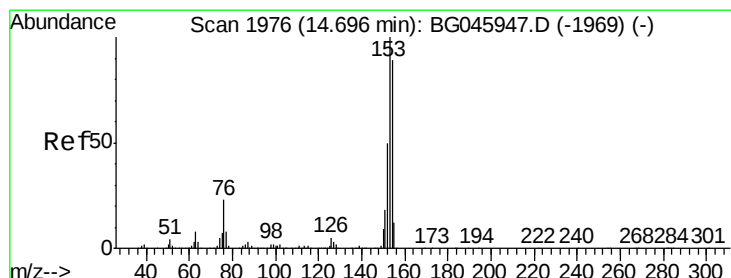
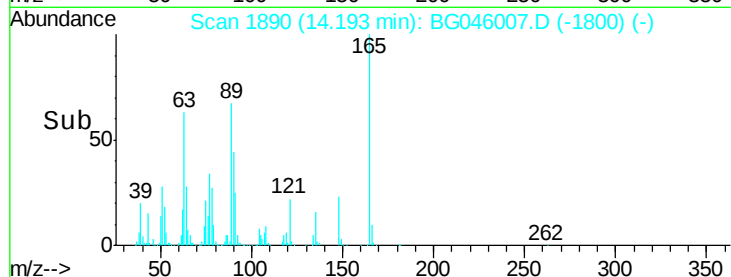
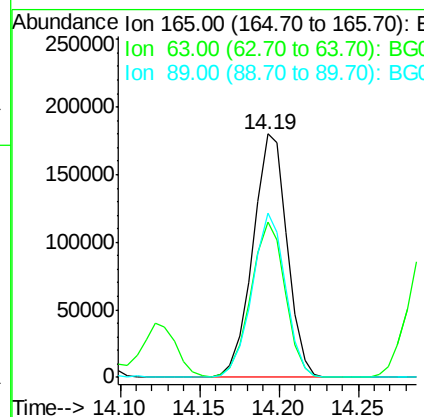
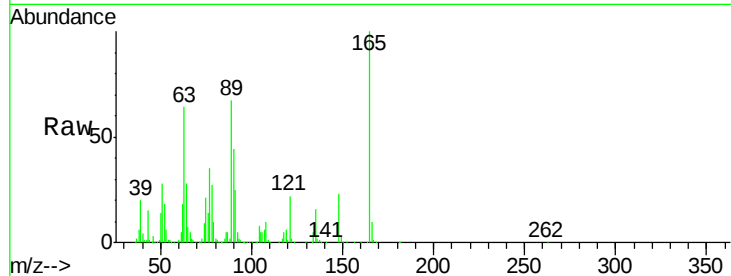
#51
2,6-Dinitrotoluene
Concen: 61.921 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	270114		
63	63.8	51.0	76.4	
89	67.3	55.7	83.5	

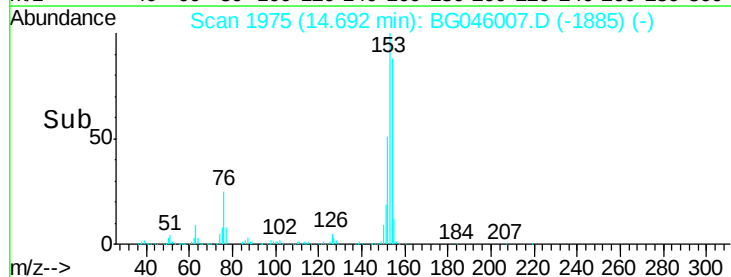
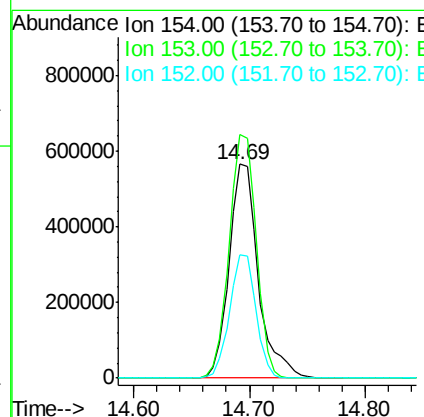
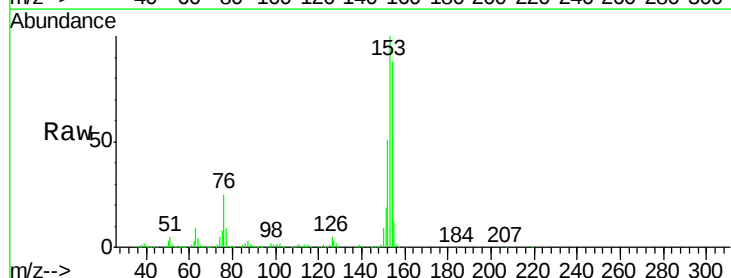
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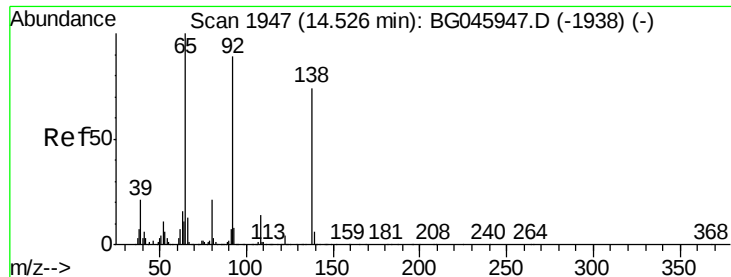
mohammad
7/13/2020 1:03:54 PM



#52
Acenaphthene
Concen: 51.421 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	992870		
153	114.0	89.7	134.5	
152	57.7	44.7	67.1	





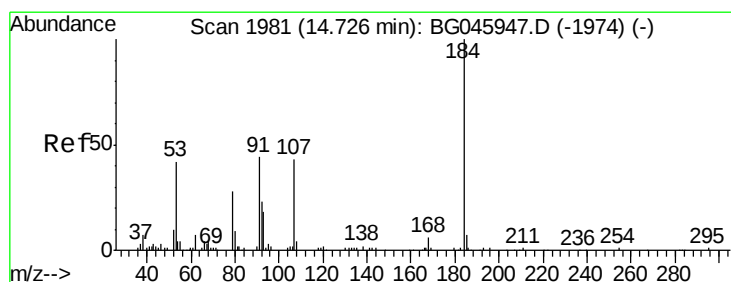
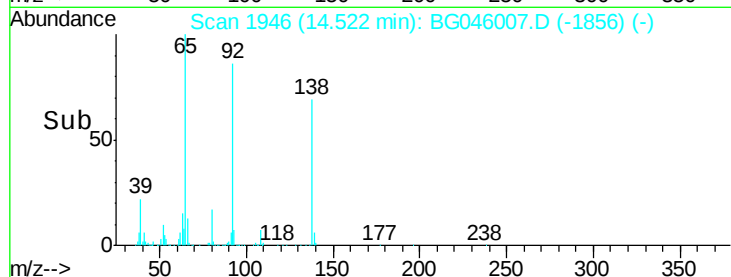
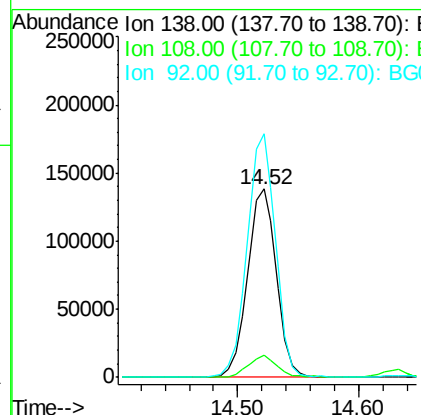
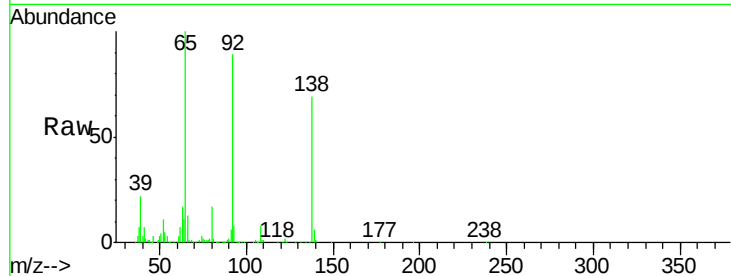
#53
3-Nitroaniline
Concen: 43.864 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	15.4	23.2#
92	129.2	95.9	143.9

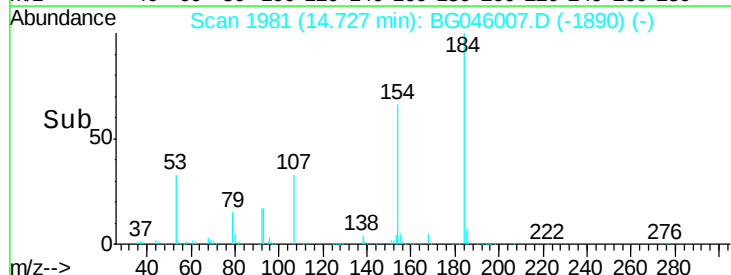
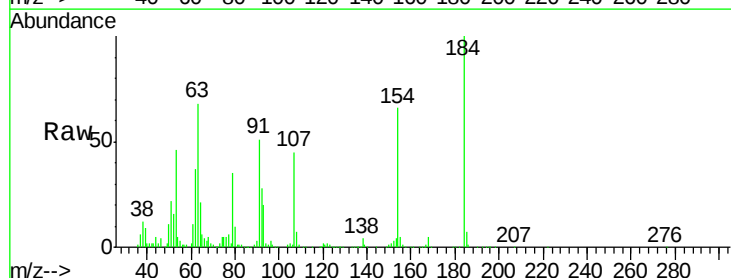
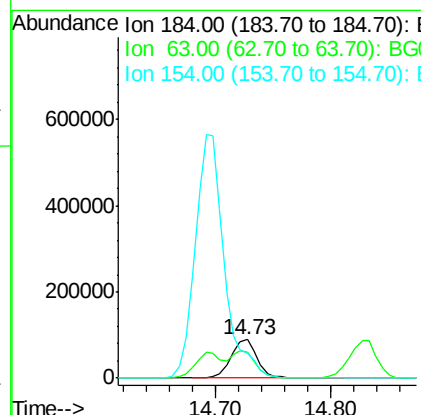
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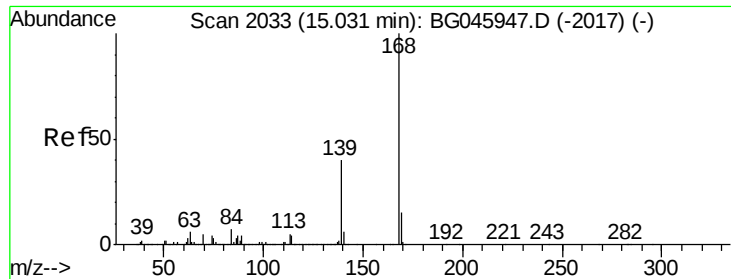
mohammad
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#54
2,4-Dinitrophenol
Concen: 87.183 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.4	46.0	69.0
154	65.6	58.2	87.2





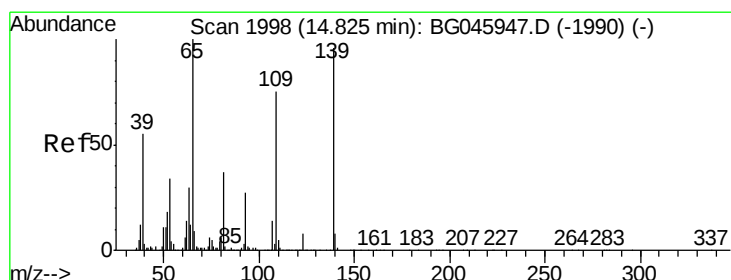
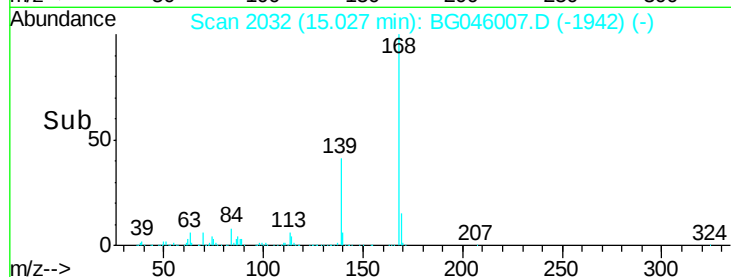
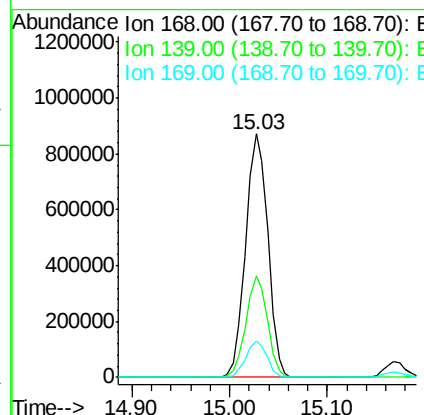
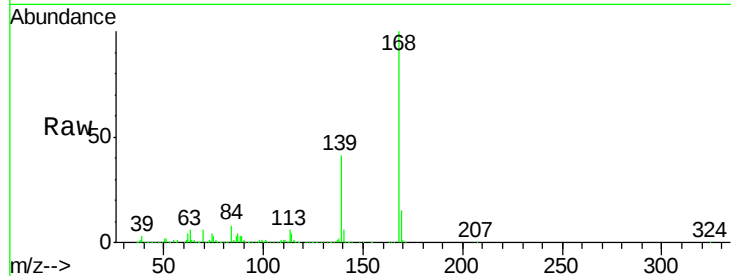
#55
Dibenzofuran
Concen: 48.351 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.5	32.2	48.2
169	14.7	11.8	17.8

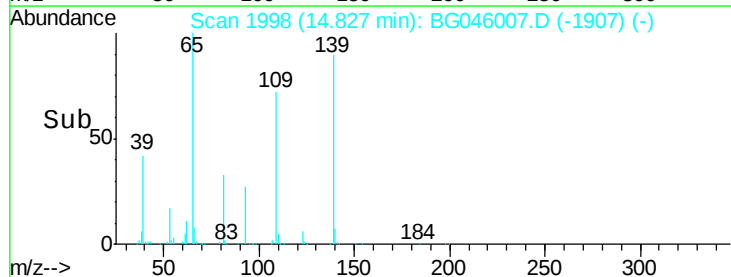
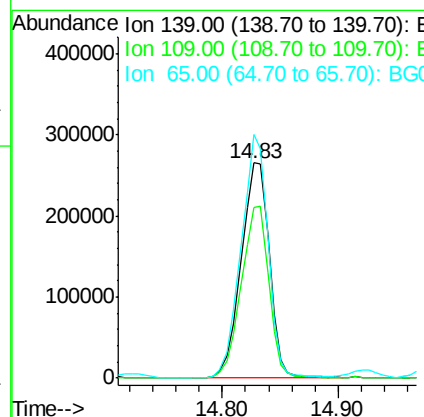
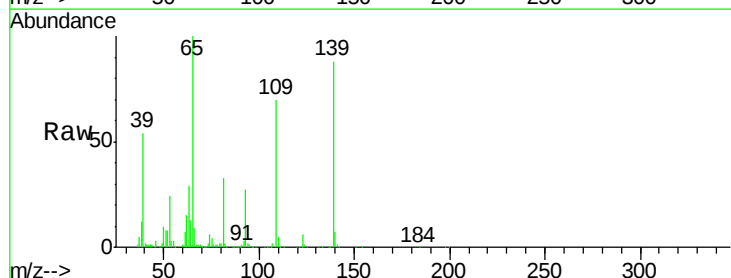
Manual Integrations
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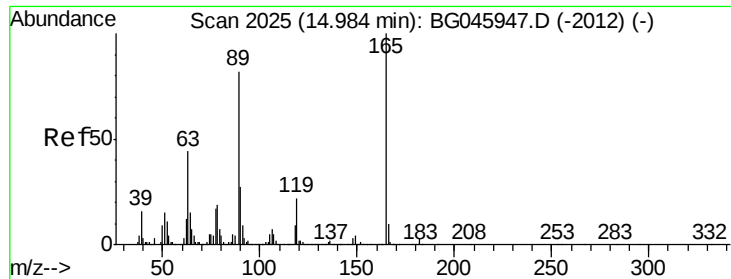
mohammad
7/13/2020 1:03:54 PM



#56
4-Nitrophenol
Concen: 114.944 ng
RT: 14.83 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.6	58.5	98.5
65	113.3	84.7	124.7





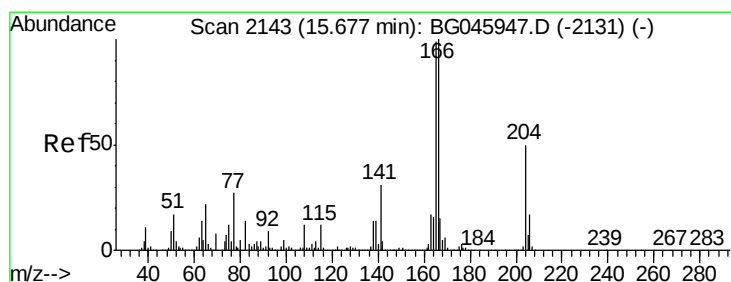
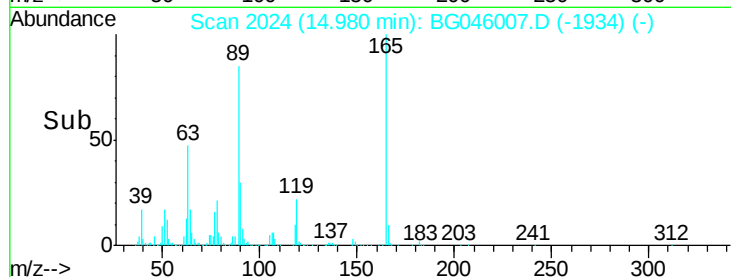
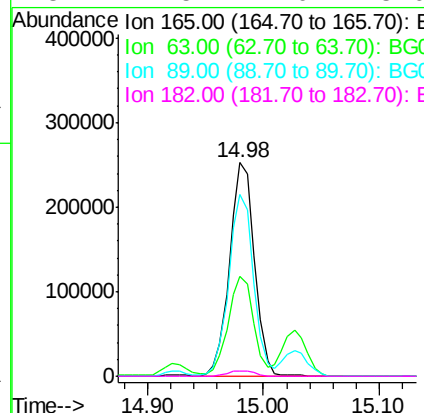
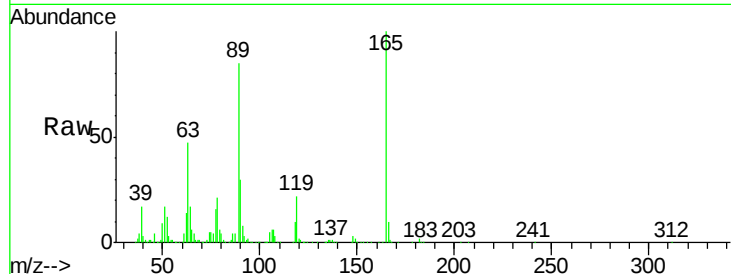
#57
 2,4-Dinitrotoluene
 Concen: 66.829 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	377323		
63	47.0		35.4	53.0
89	85.1		65.4	98.2
182	2.5		2.0	3.0

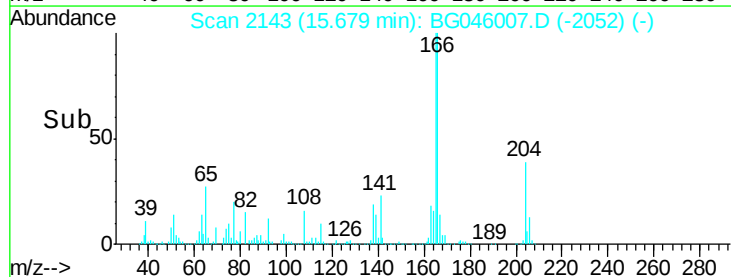
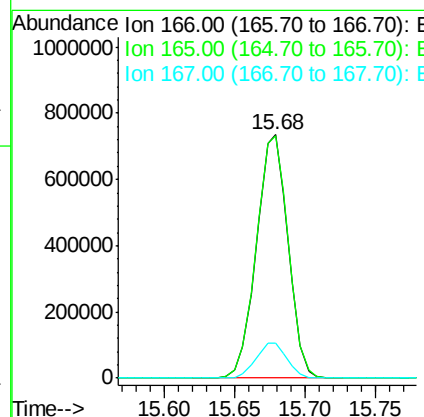
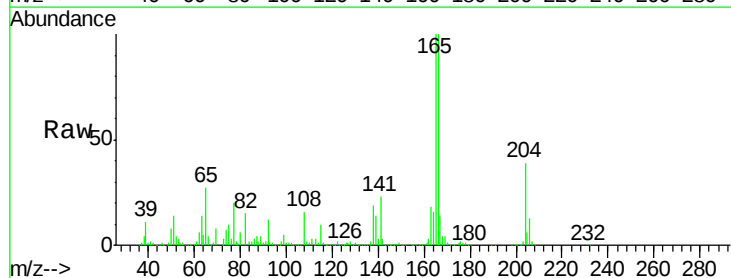
Manual Integrations
 APPROVED

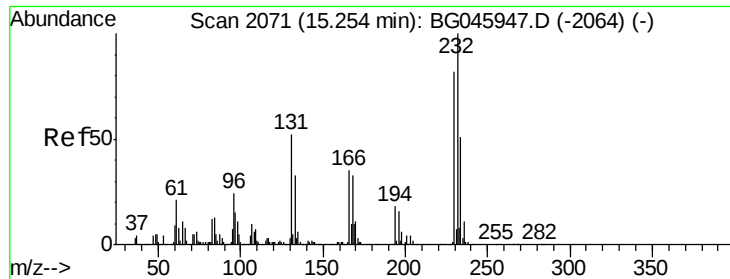
mohammad
 7/13/2020 1:03:54 PM



#58
 Fluorene
 Concen: 49.654 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1152912		
165	99.7		78.9	118.3
167	14.4		12.1	18.1





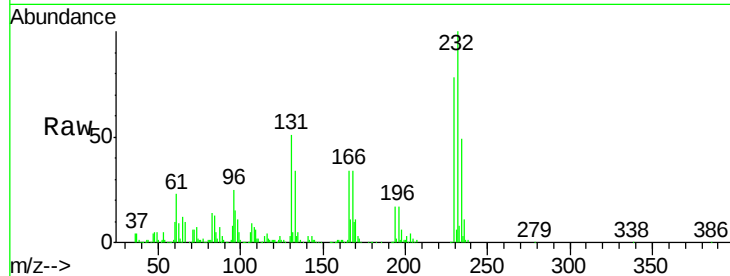
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 58.331 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MS

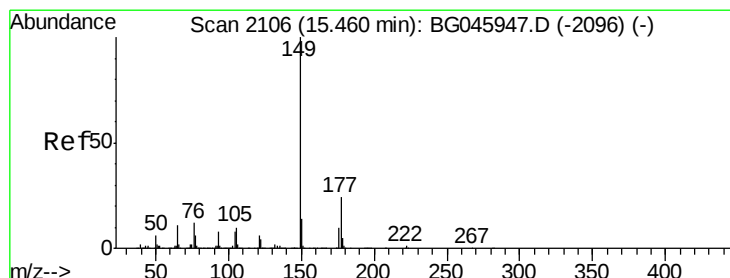
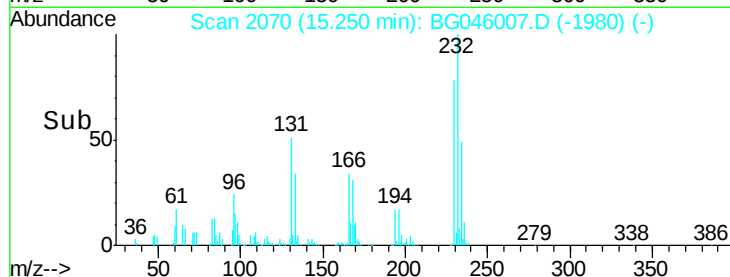
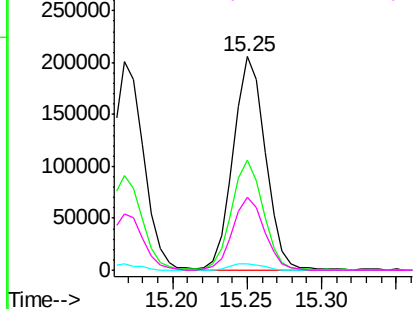
Tot Ion	Ratio	Resp	Lower	Upper
232	100	310316		
131	44.1		35.8	53.6
130	2.7		2.5	3.7
166	26.8		21.8	32.8

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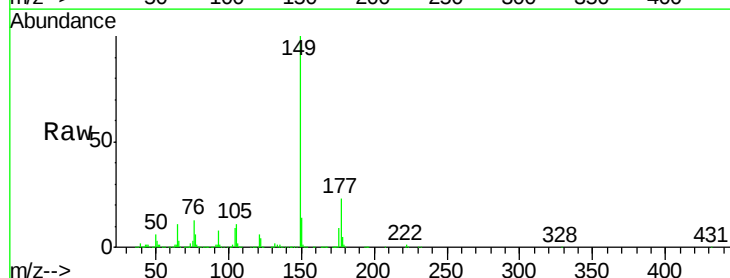


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

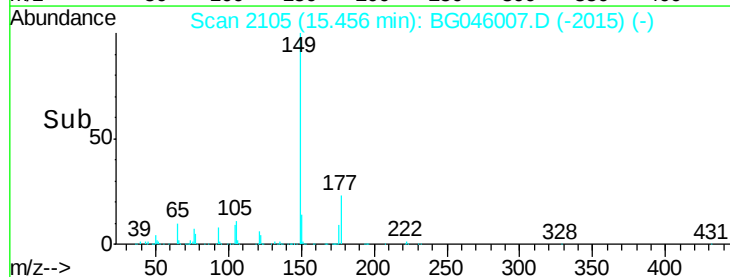
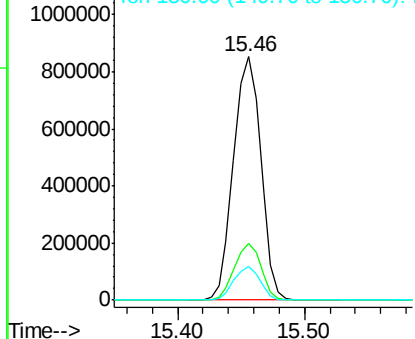


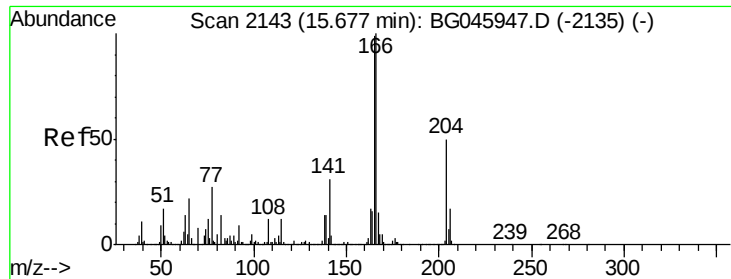
#60
 Diethylphthalate
 Concen: 50.510 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1270765		
177	23.5		19.0	28.4
150	13.8		11.0	16.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





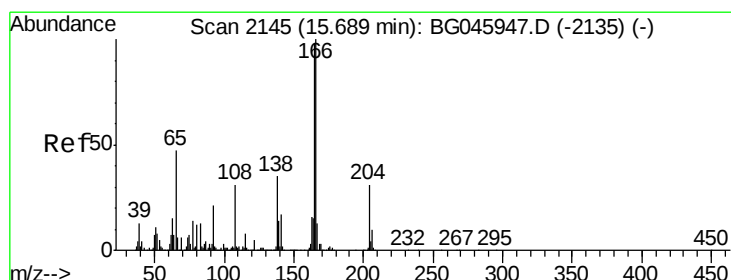
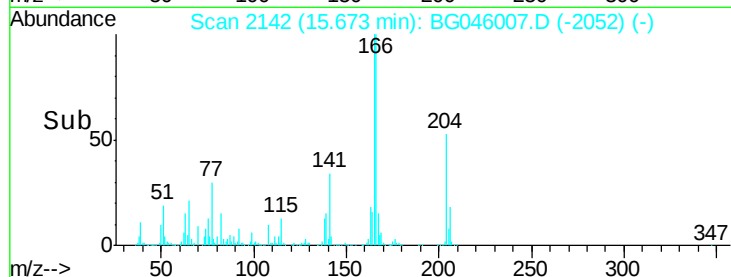
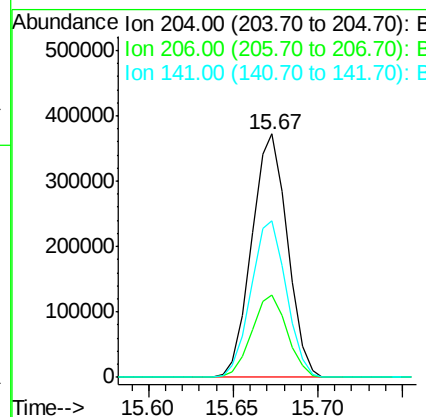
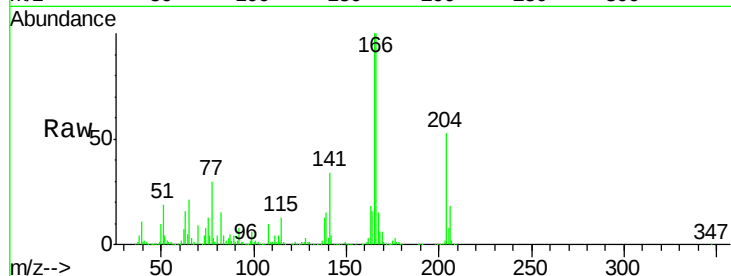
#61
4-Chlorophenyl-phenylether
Concen: 47.302 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampled :
MH-D19MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	27.1	40.7
141	64.1	49.8	74.8

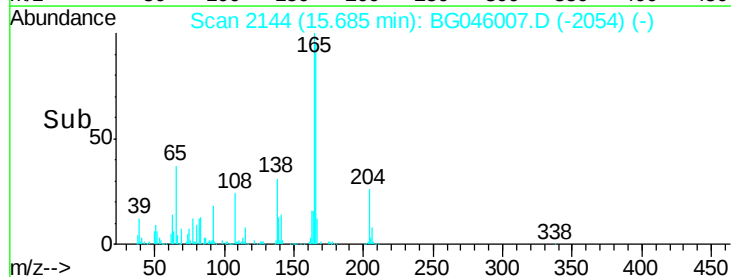
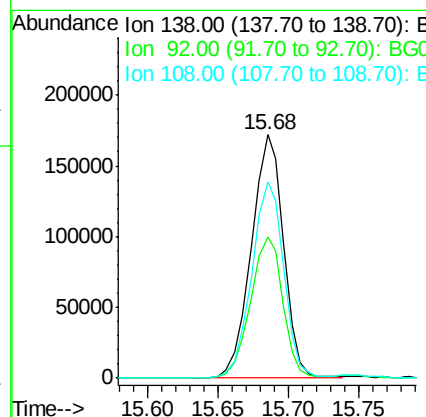
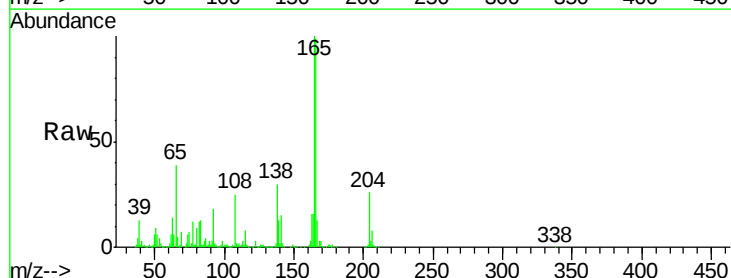
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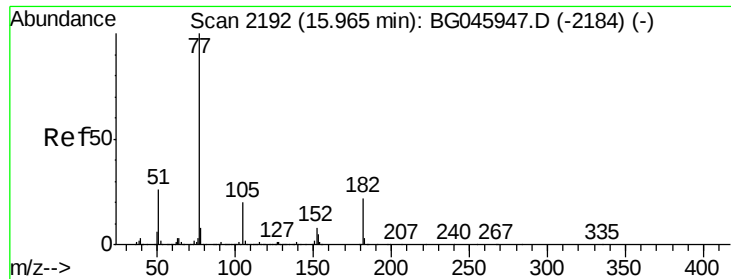
mohammad
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#62
4-Nitroaniline
Concen: 55.617 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.0	40.3	80.3
108	80.5	68.0	108.0





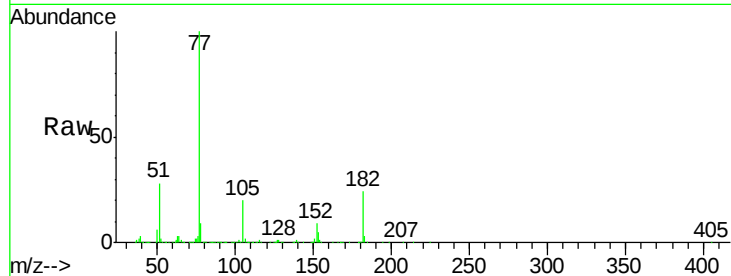
#63
Azobenzene
Concen: 51.580 ng
RT: 15.97 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

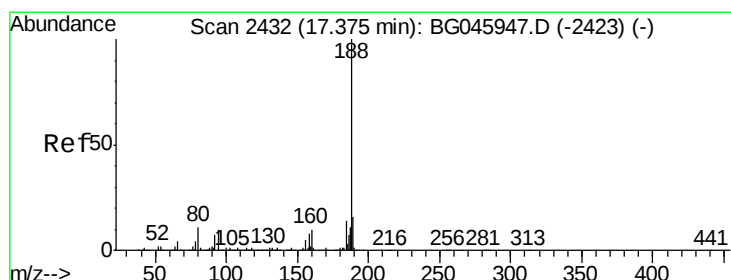
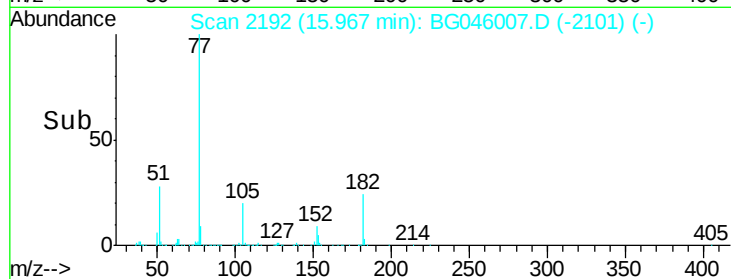
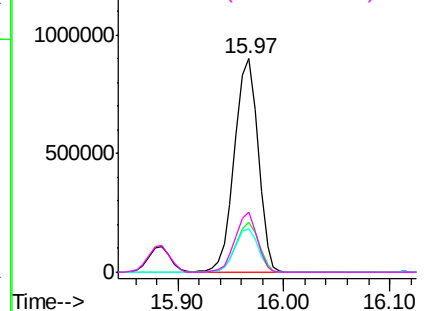
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.6	2.4	42.4	
105	20.2	0.3	40.3	
51	28.0	6.3	46.3	

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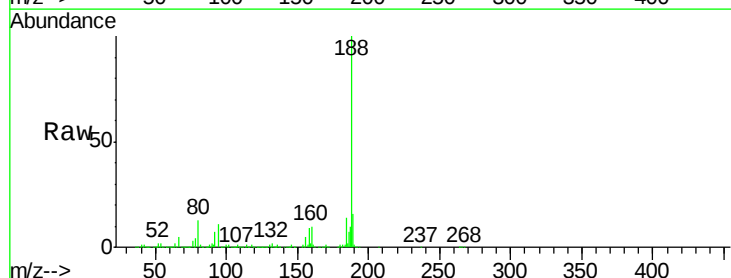


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

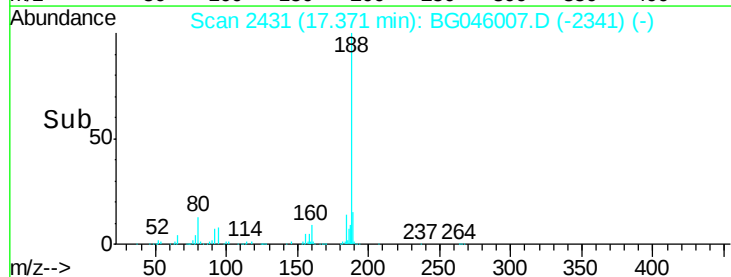
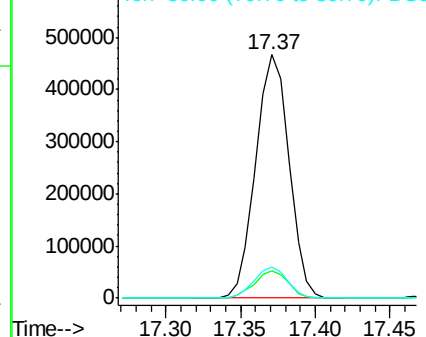


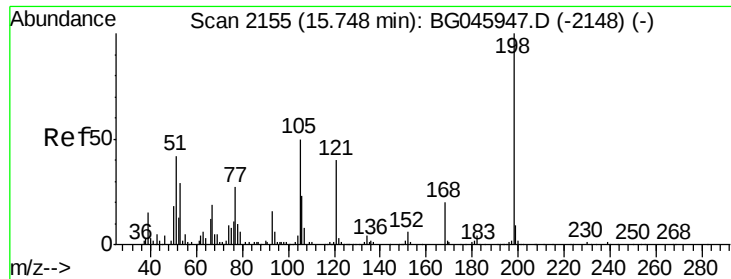
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.0	8.2	12.4	
80	13.0	9.0	13.6	



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





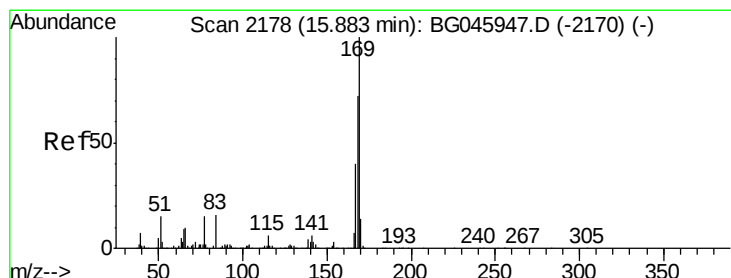
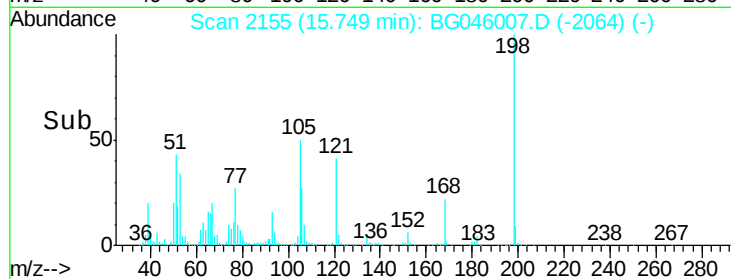
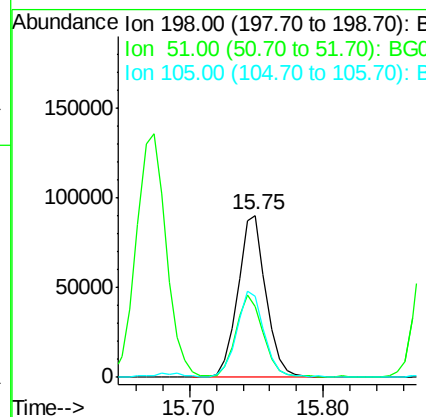
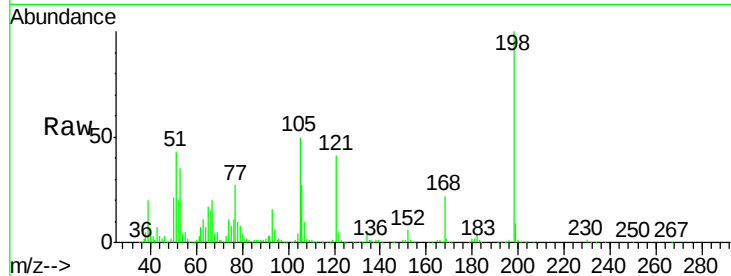
#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.372 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	131450		
51	43.3	24.5	64.5	
105	50.0	30.9	70.9	

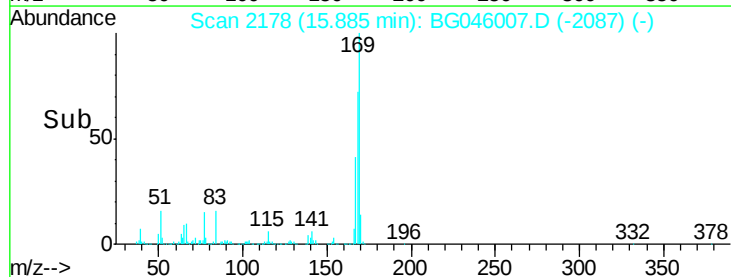
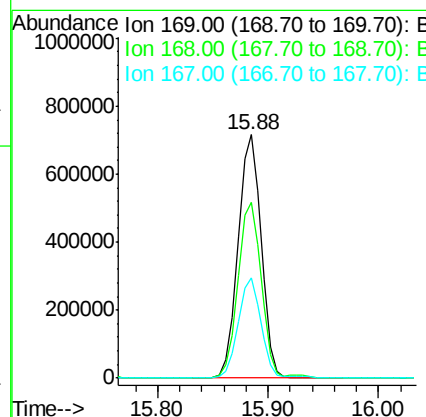
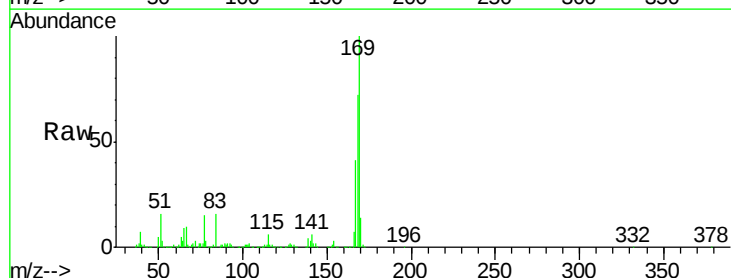
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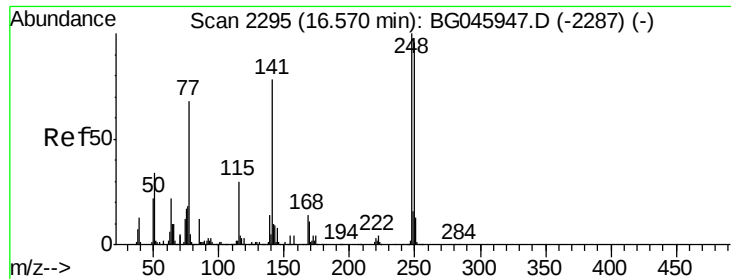
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 47.373 ng
 RT: 15.88 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1055608		
168	72.0	57.3	85.9	
167	41.2	32.1	48.1	





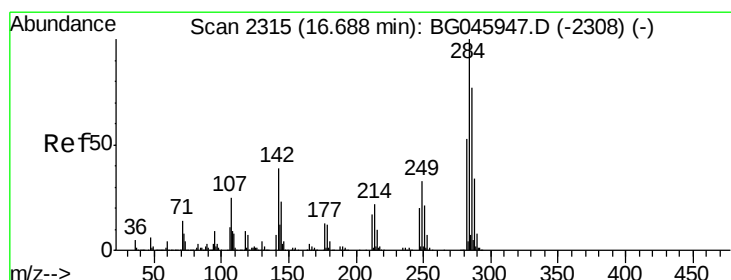
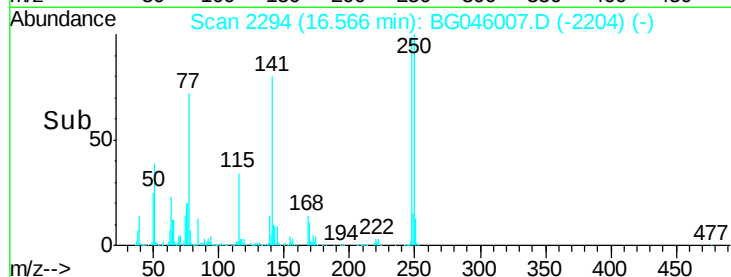
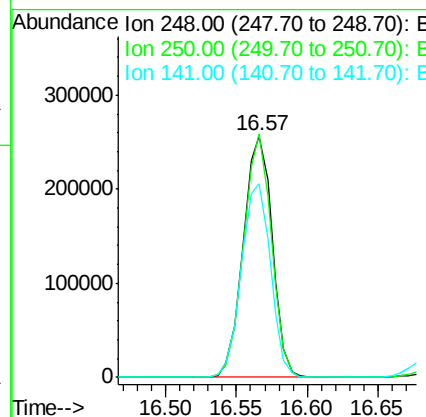
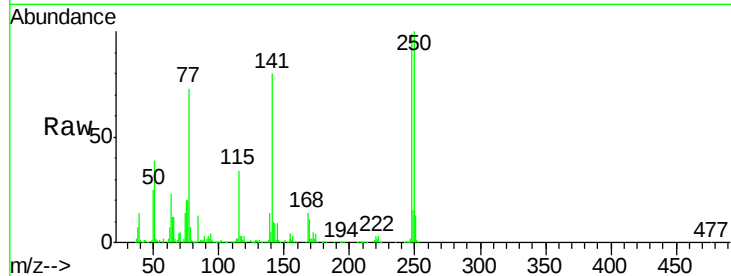
#67
4-Bromophenyl-phenylether
Concen: 45.782 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.9	76.6	114.8
141	80.3	62.7	94.1

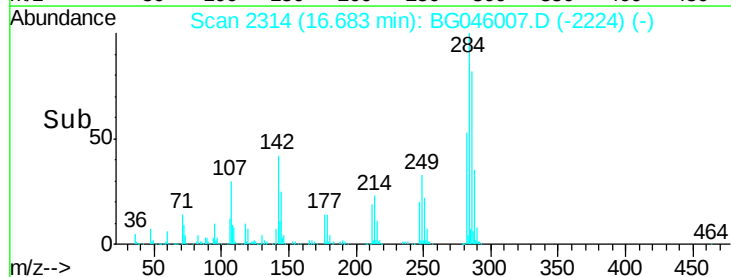
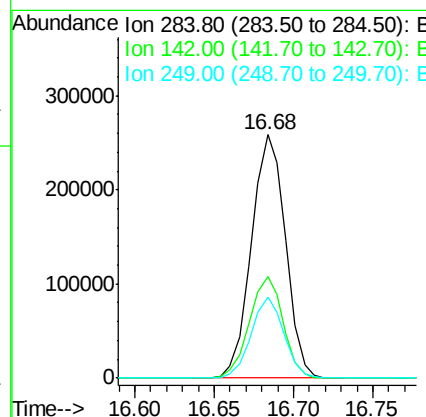
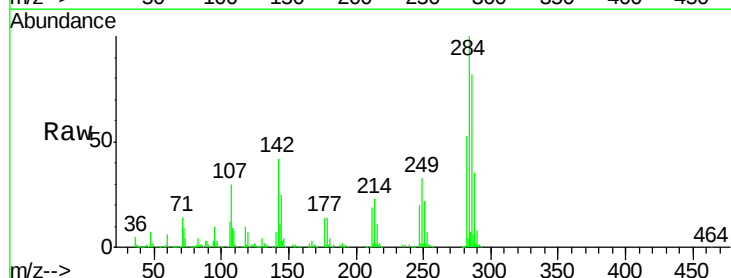
Manual Integrations
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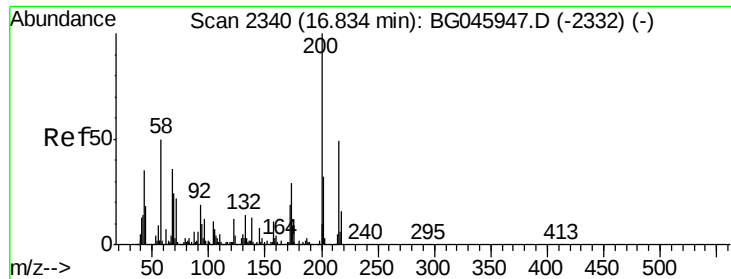
mohammad
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#68
Hexachlorobenzene
Concen: 47.705 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.8	31.3	46.9
249	33.5	26.8	40.2





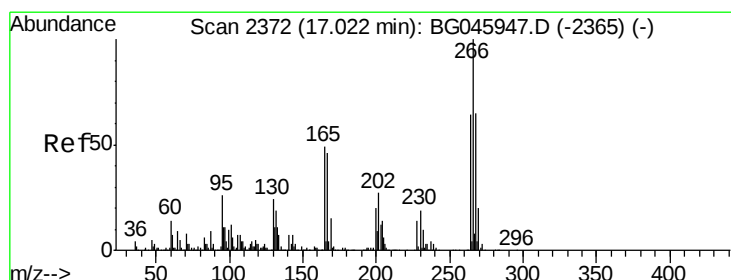
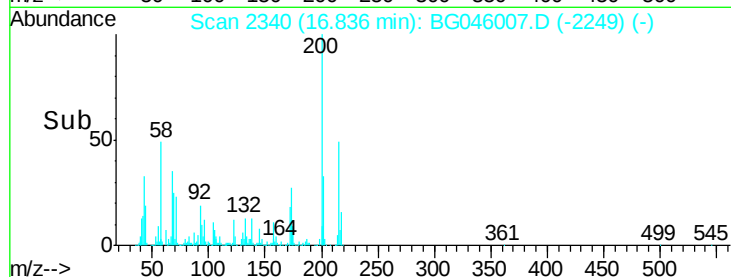
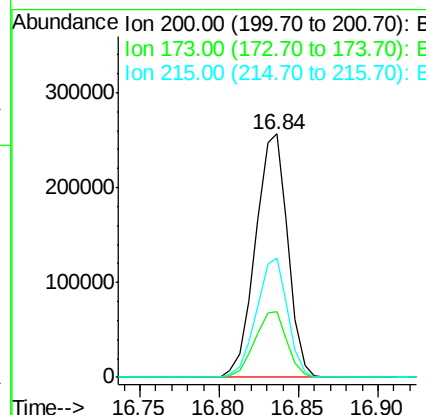
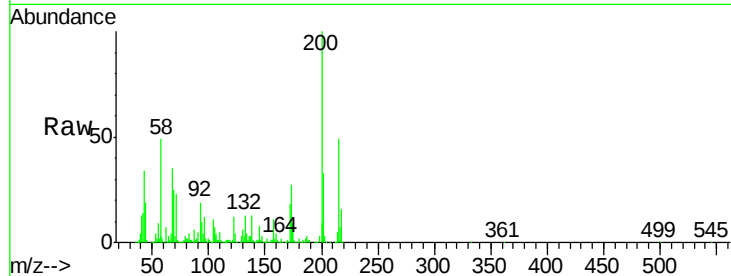
#69
Atrazine
Concen: 54.955 ng
RT: 16.84 min Scan# 2340
Delta R.T. 0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.8	9.1	49.1	
215	49.1	28.8	68.8	

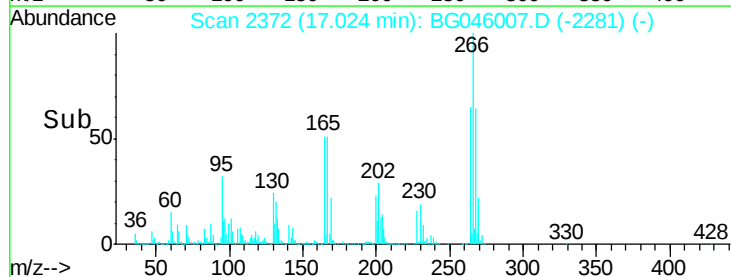
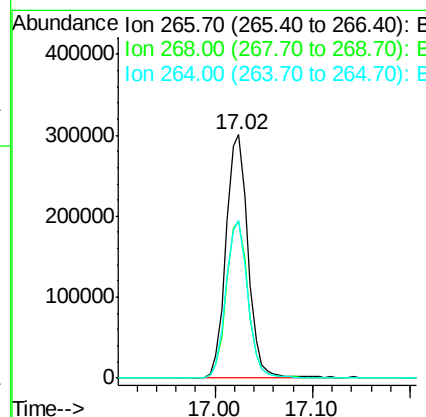
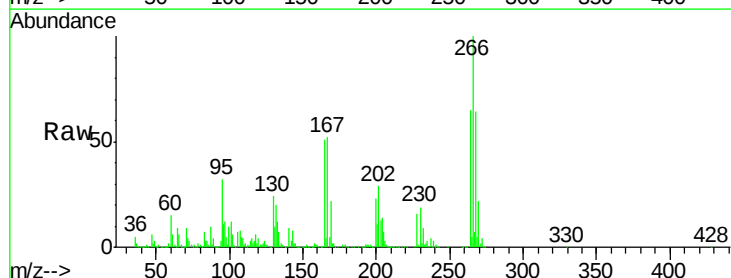
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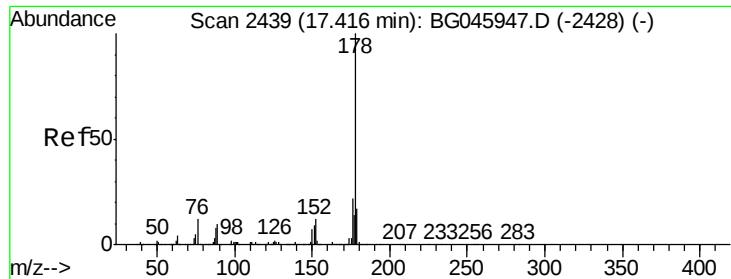
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#70
Pentachlorophenol
Concen: 105.072 ng
RT: 17.02 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.1	51.8	77.8	
264	64.9	51.4	77.0	





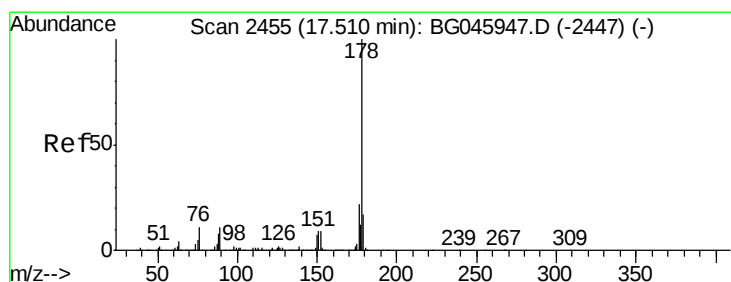
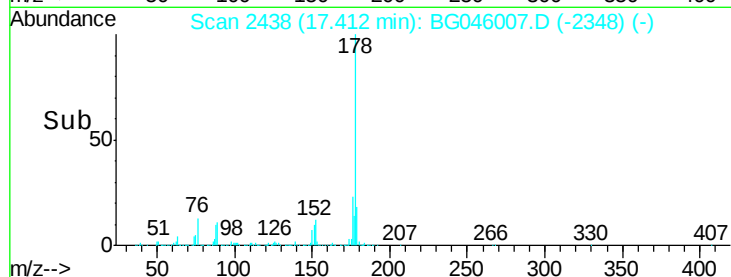
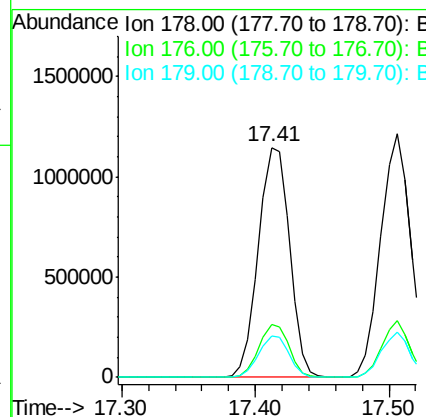
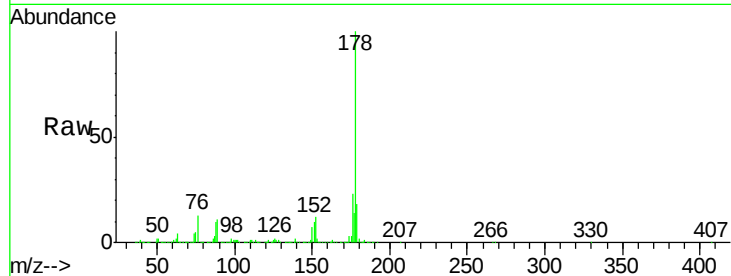
#71
Phenanthrene
Concen: 48.570 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion:178 Resp: 1846422
Ion Ratio Lower Upper
178 100
176 22.7 17.4 26.2
179 18.1 13.4 20.2

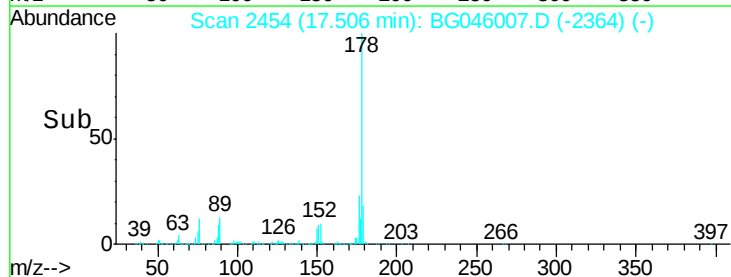
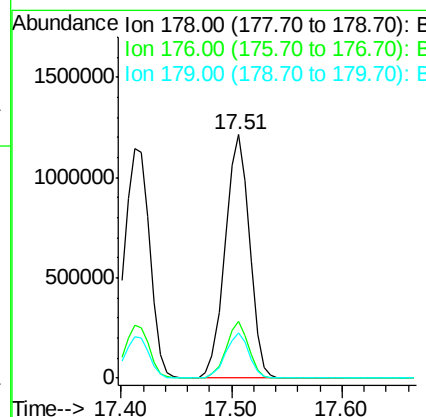
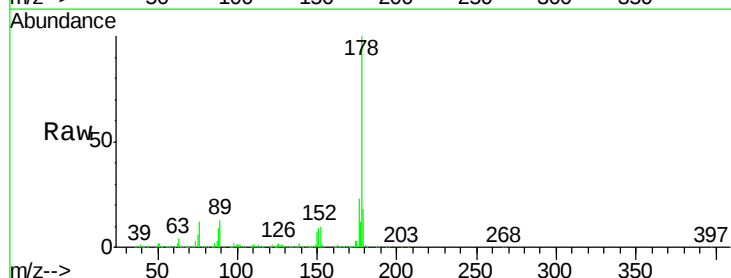
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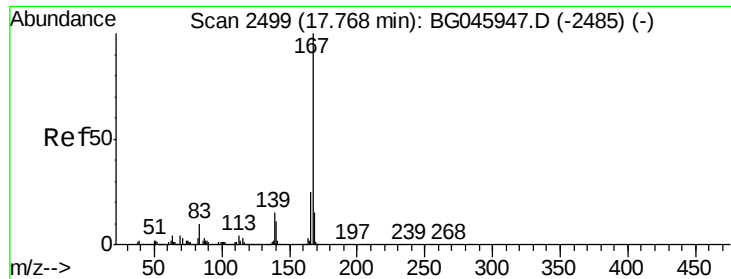
mohammad
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#72
Anthracene
Concen: 48.529 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion:178 Resp: 1872217
Ion Ratio Lower Upper
178 100
176 23.1 17.2 25.8
179 18.4 14.0 21.0





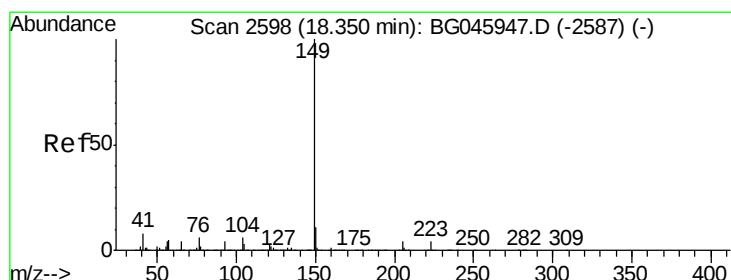
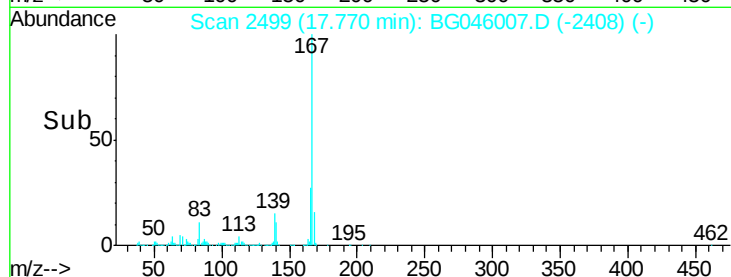
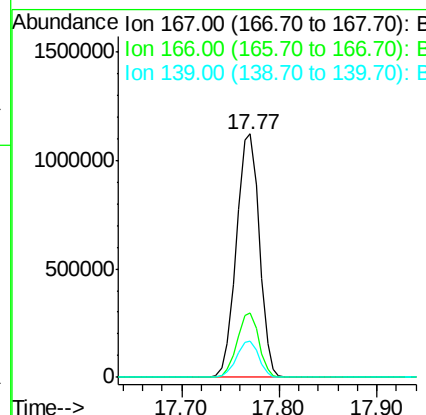
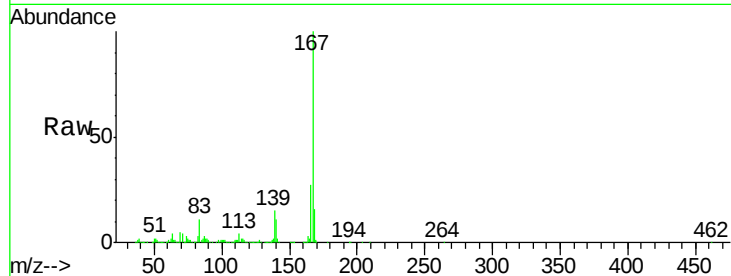
#73
 Carbazole
 Concen: 47.236 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.7	20.4	30.6
139	15.0	11.8	17.8

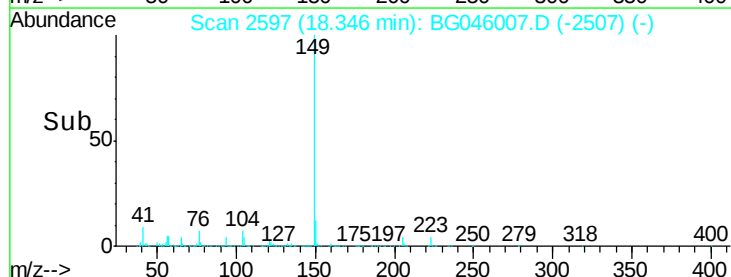
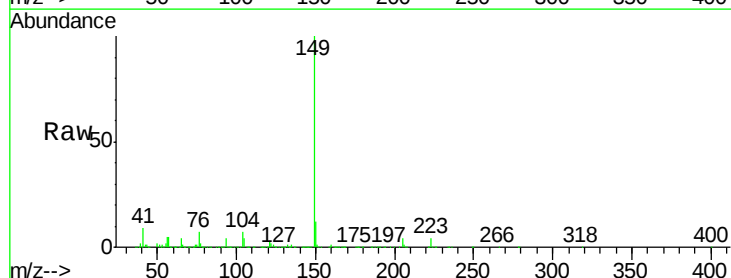
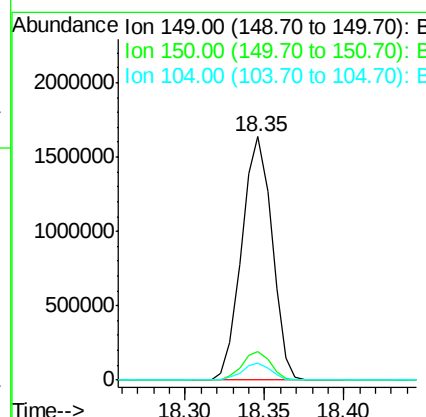
Manual Integrations
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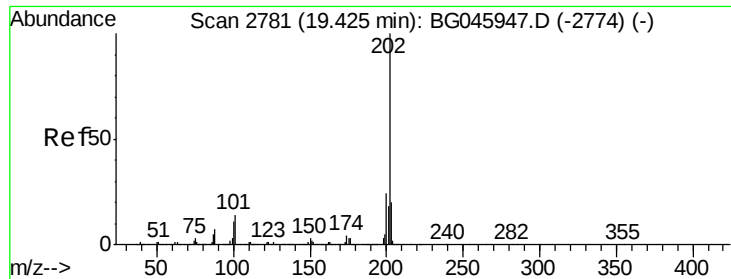
mohammad
 7/13/2020 1:03:54 PM



#74
 Di-n-butylphthalate
 Concen: 46.591 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.7	9.0	13.4
104	7.0	5.2	7.8





#75

Fluoranthene

Concen: 48.635 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

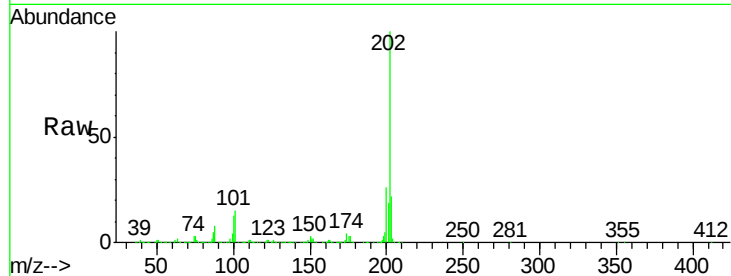
ClientSampleId :

MH-D19MS

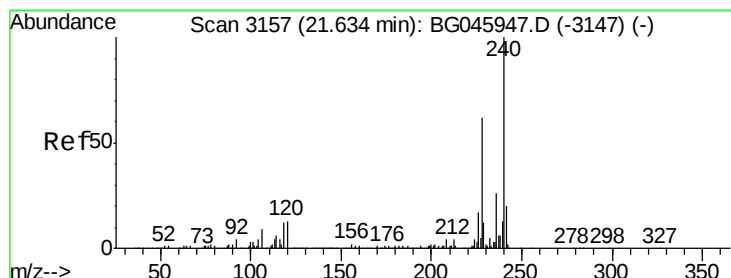
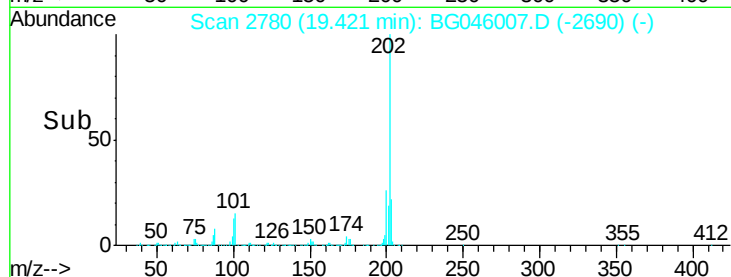
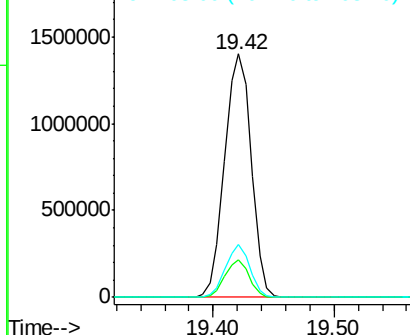
Tot Ion:	202	Resp:	2137312
Ion Ratio	Lower	Upper	
202	100		
101	15.4	0.0	33.8
203	21.6	0.4	40.4

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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

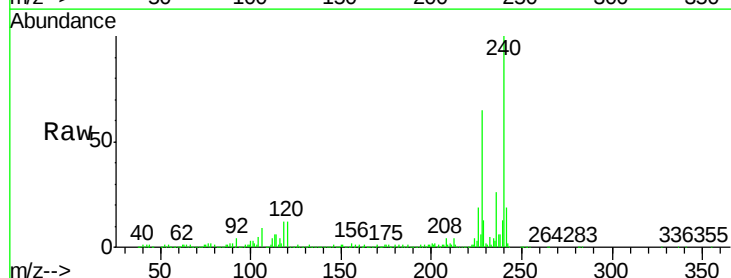
RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

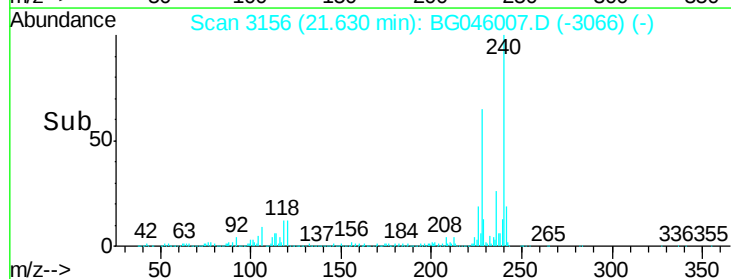
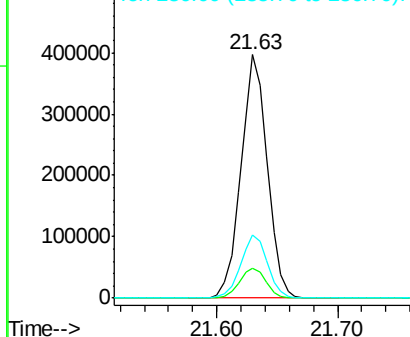
Lab File: BG046007.D

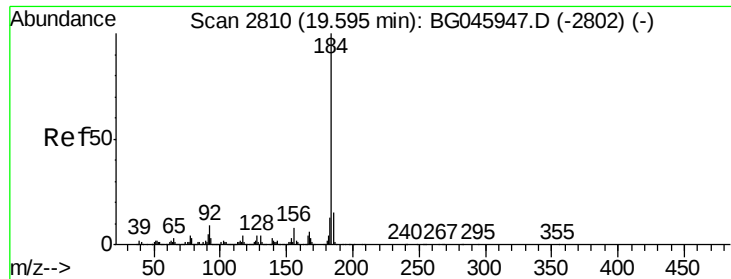
Acq: 10 Jul 2020 15:07

Tgt Ion:	240	Resp:	601793
Ion Ratio	Lower	Upper	
240	100		
120	12.3	10.6	16.0
236	26.1	20.4	30.6



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: 32.625 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

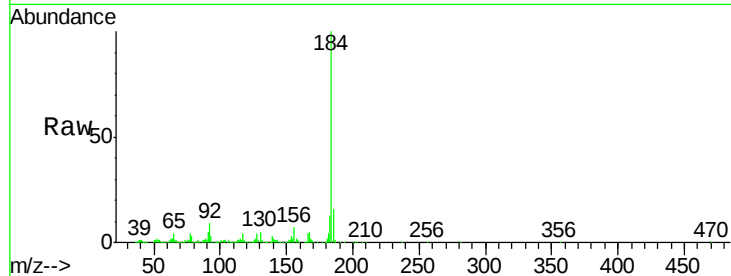
ClientSampleId :

MH-D19MS

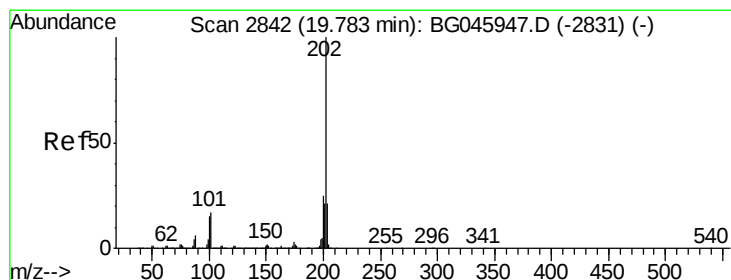
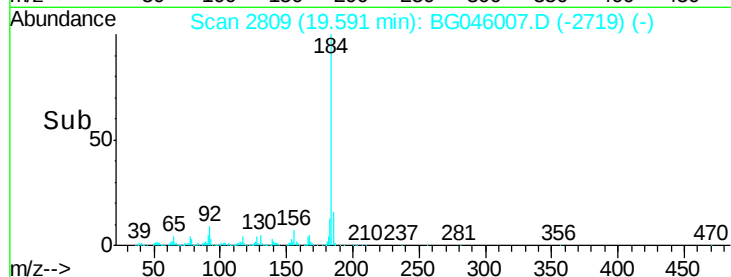
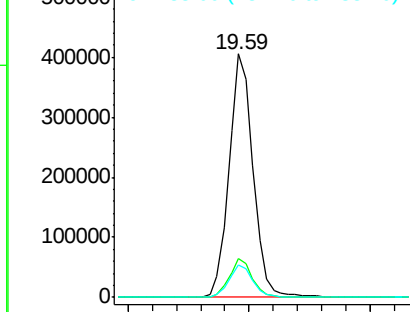
Tot Ion	Ratio	Lower	Upper
184	100		
185	15.9	11.6	17.4
183	13.2	10.4	15.6

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



#78

Pyrene

Concen: 51.302 ng

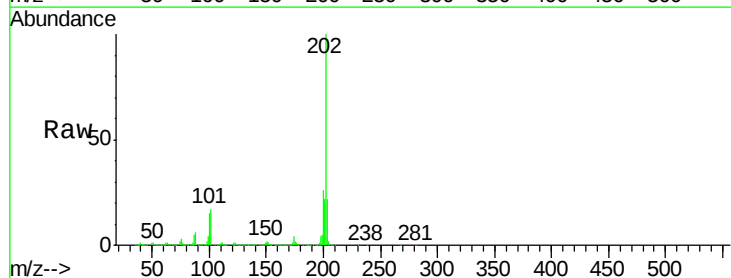
RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

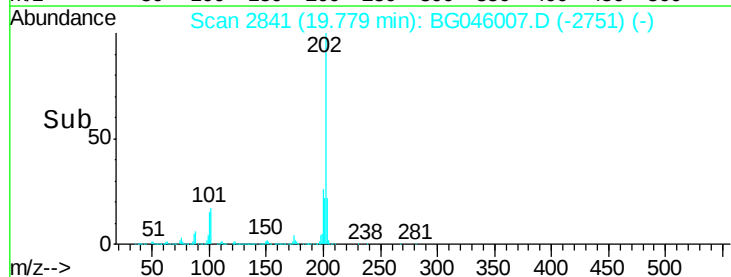
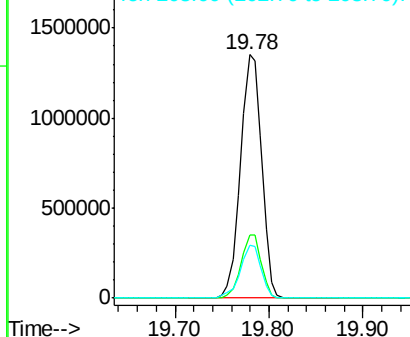
Lab File: BG046007.D

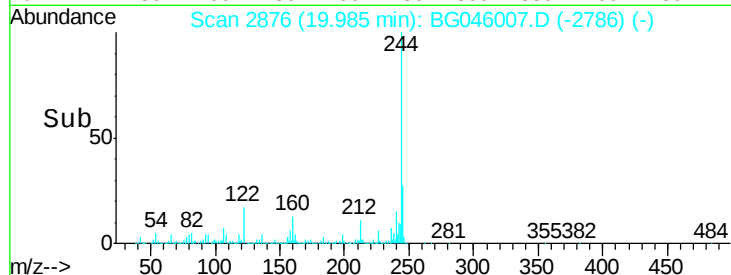
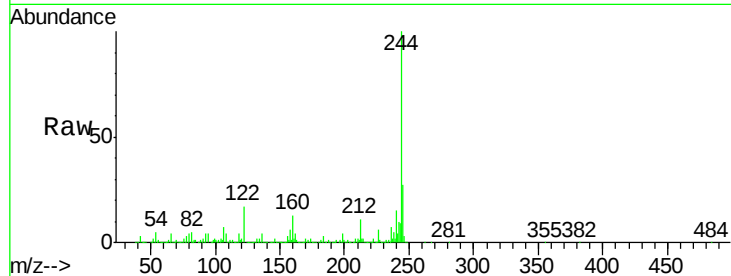
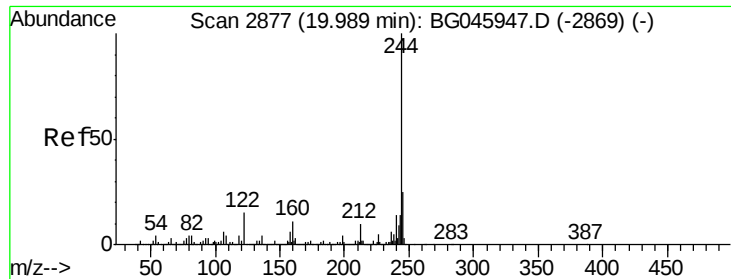
Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
202	100		
200	26.0	20.1	30.1
203	21.8	16.5	24.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 103.510 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Tot Ion:	244	Resp:	2798985
Ion	Ratio	Lower	Upper
244	100		
212	11.0	8.3	12.5
122	17.0	12.1	18.1

Instrument :

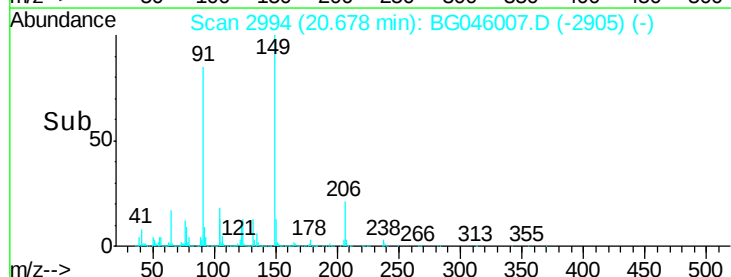
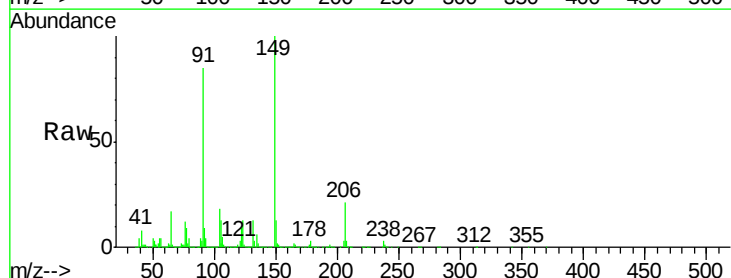
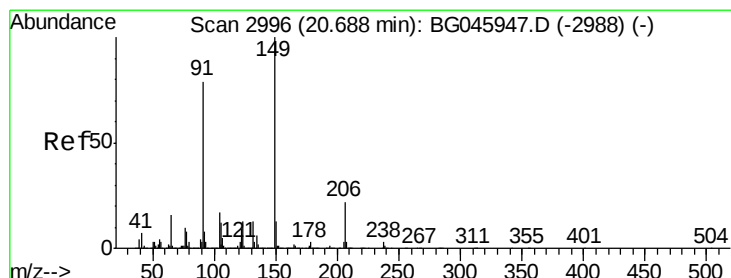
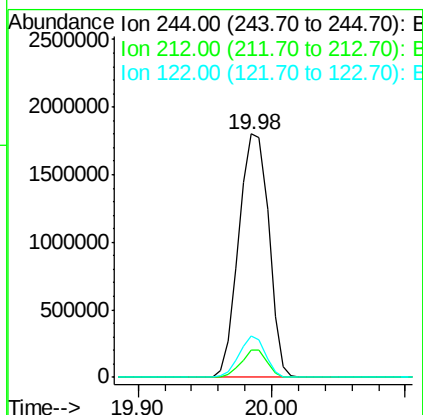
BNA_G

ClientSampleId :

MH-D19MS

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 52.678 ng

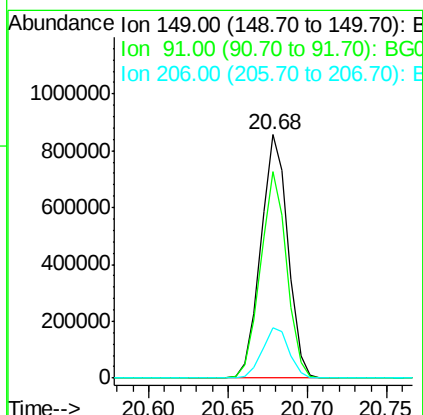
RT: 20.68 min Scan# 2994

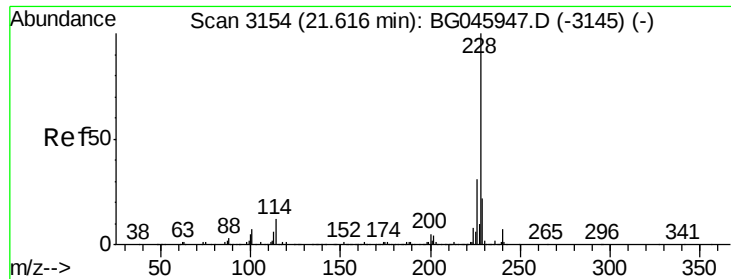
Delta R.T. -0.01 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Tgt Ion:	149	Resp:	1022582
Ion	Ratio	Lower	Upper
149	100		
91	84.7	63.1	94.7
206	20.8	17.4	26.0





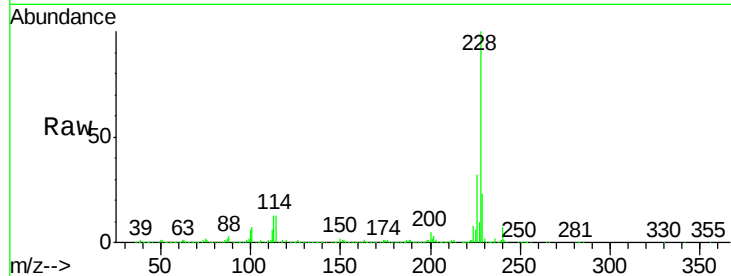
#81
Benzo(a)anthracene
Concen: 47.917 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampled :
MH-D19MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.8	37.2
229	23.2	17.8	26.8

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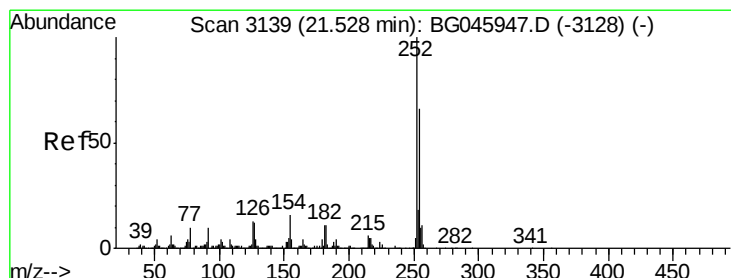
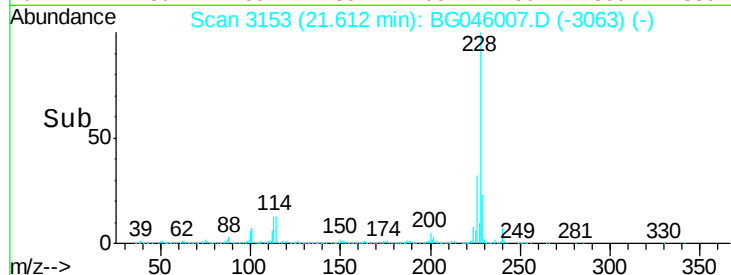
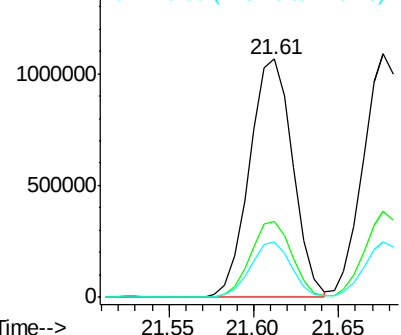


Abundance

Ion 228.00 (227.70 to 228.70): E

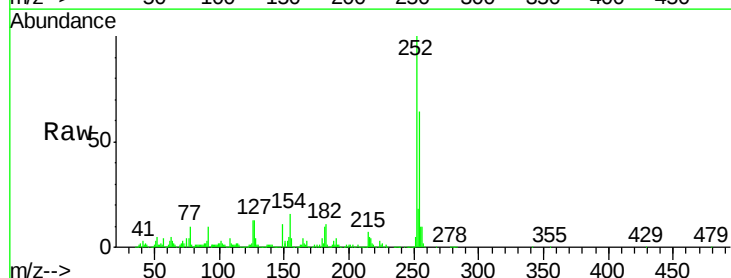
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 31.200 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.9	79.3
126	13.2	10.4	15.6

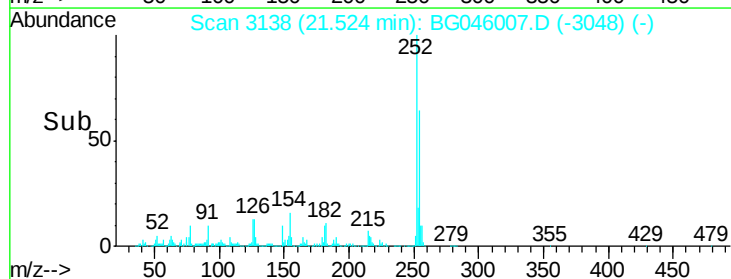
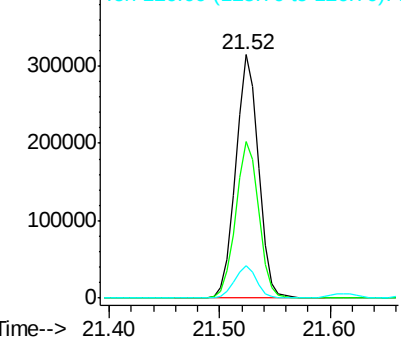


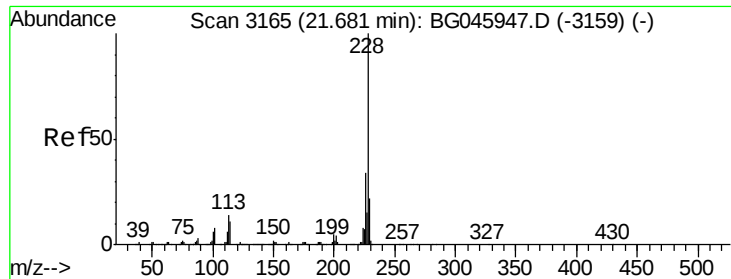
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





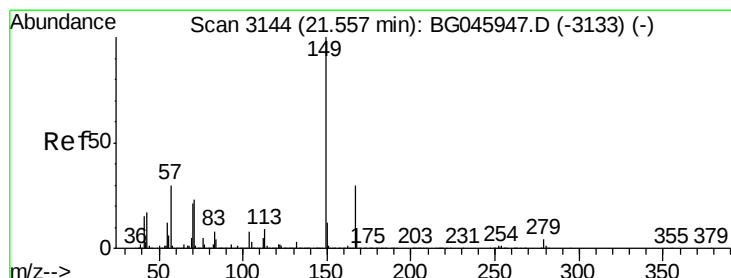
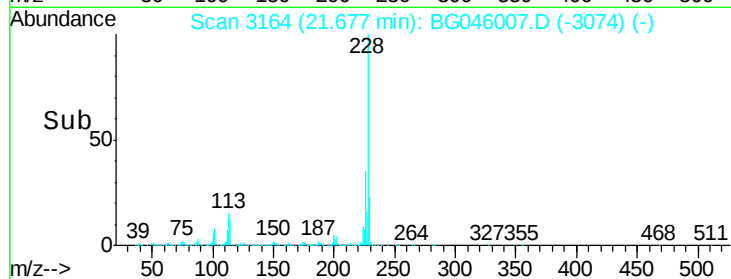
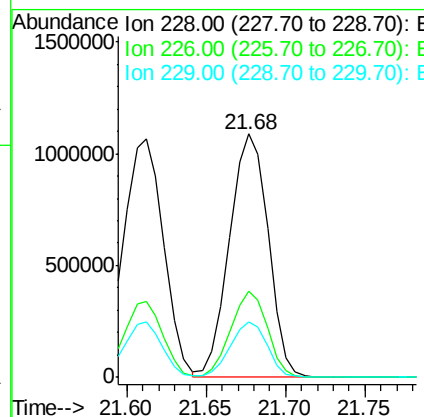
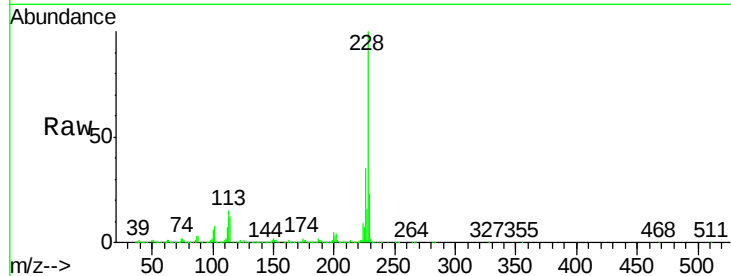
#83
 Chrvsene
 Concen: 48.696 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.1	26.7	40.1
229	22.7	17.3	25.9

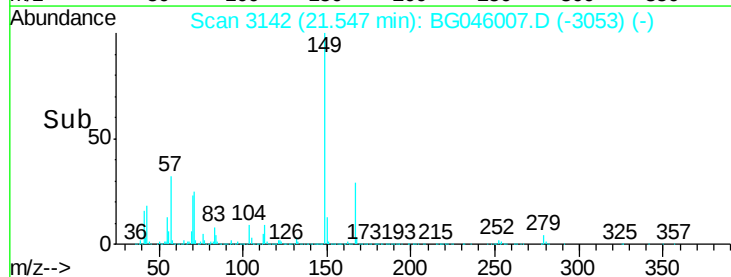
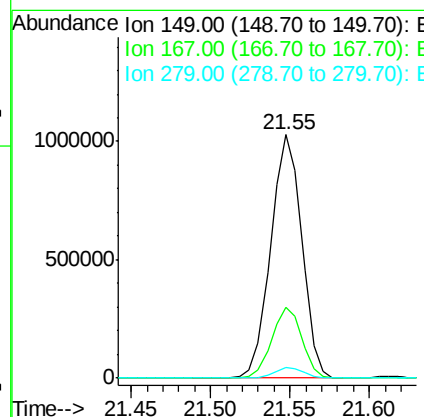
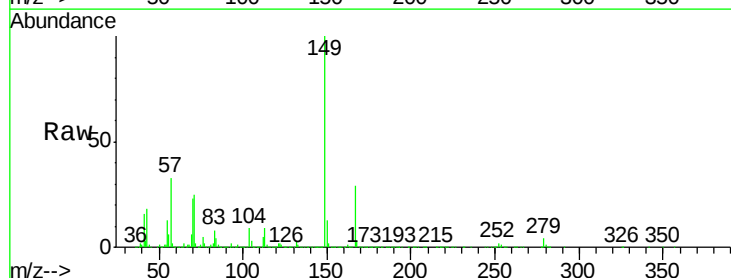
Manual Integrations
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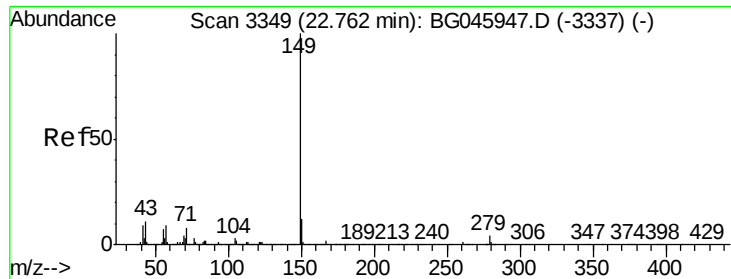
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.839 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.8	35.8
279	4.3	3.5	5.3





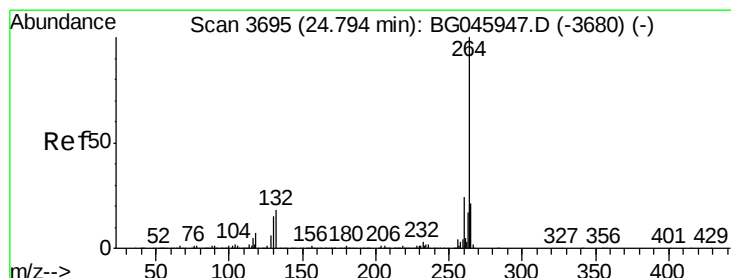
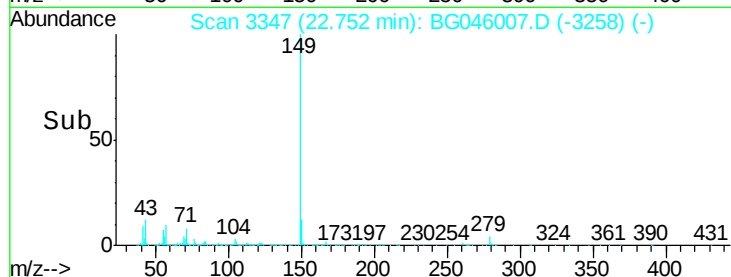
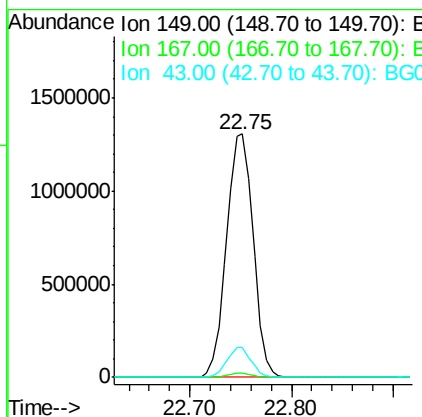
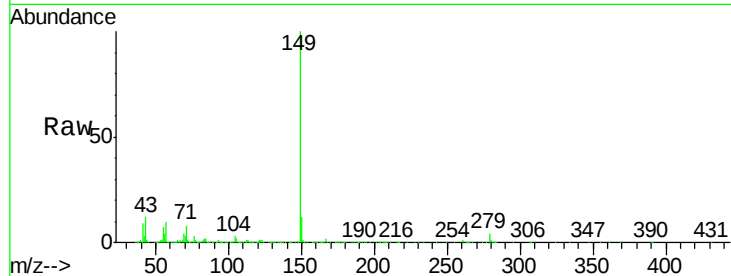
#85
Di-n-octyl phthalate
Concen: 48.638 ng
RT: 22.75 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.2	8.6	12.8

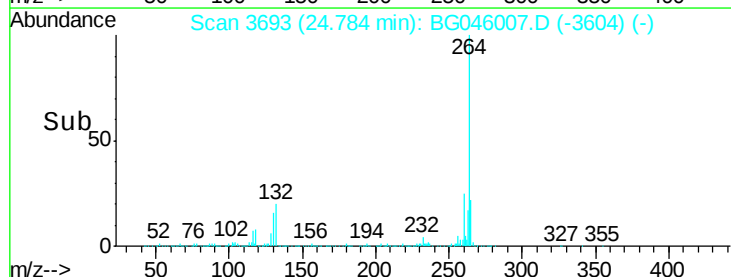
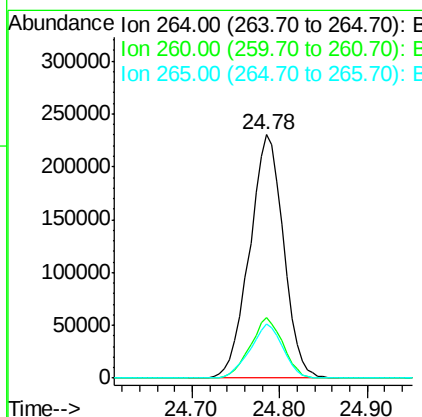
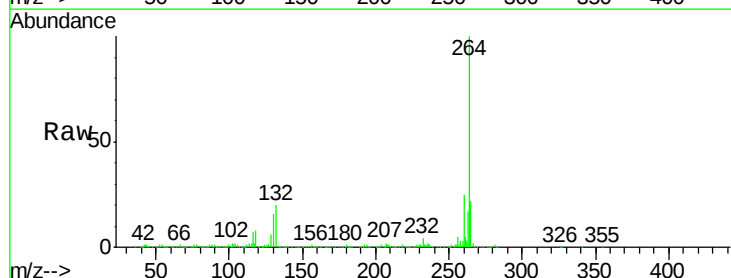
Manual Integrations
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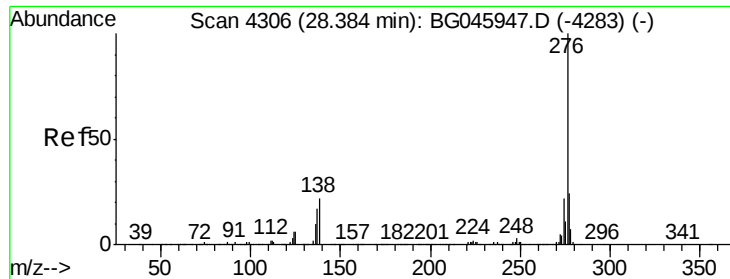
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.0	28.6
265	22.2	16.9	25.3





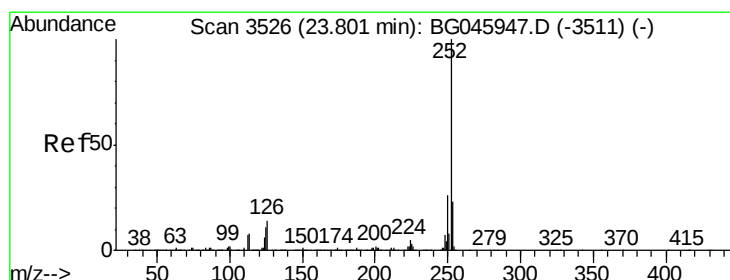
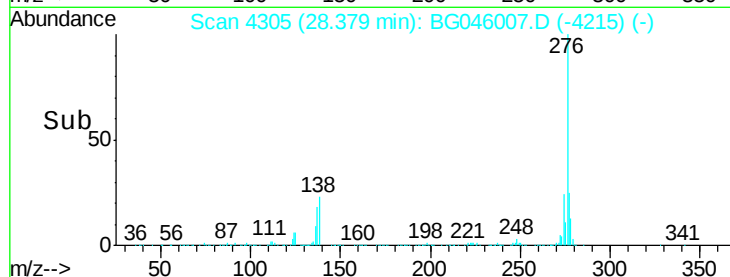
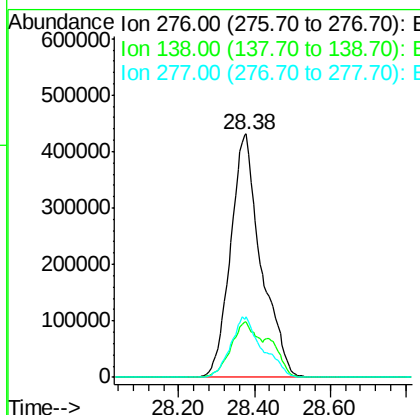
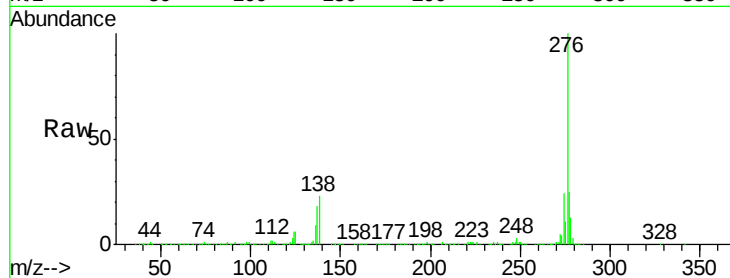
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.875 ng
 RT: 28.38 min Scan# 4305
 Delta R.T. -0.00 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Instrument :
 BNA_G
 ClientSampleId :
 MH-D19MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	16.4	24.6
277	25.8	20.6	31.0

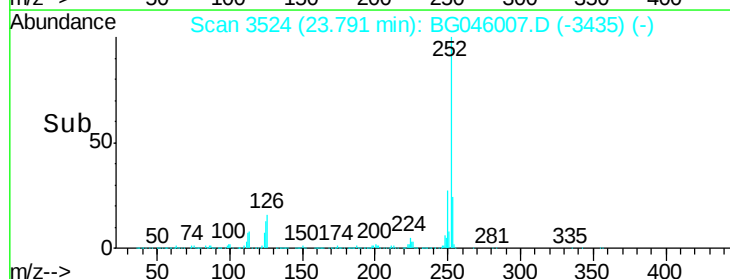
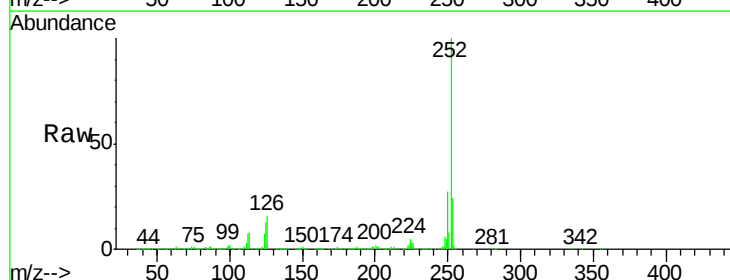
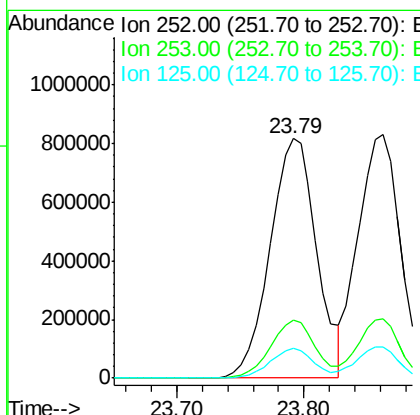
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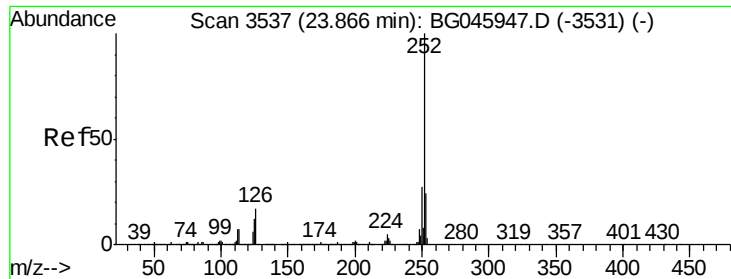
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 53.636 ng
 RT: 23.79 min Scan# 3524
 Delta R.T. -0.01 min
 Lab File: BG046007.D
 Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.5	27.7
125	12.6	9.2	13.8





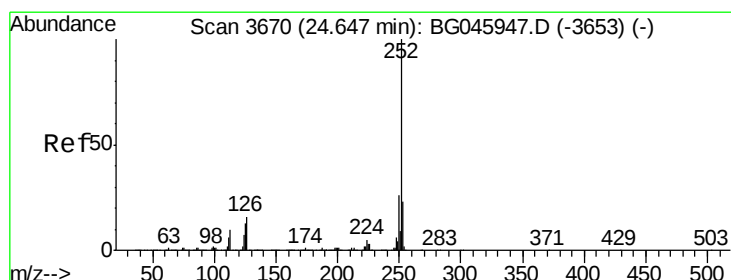
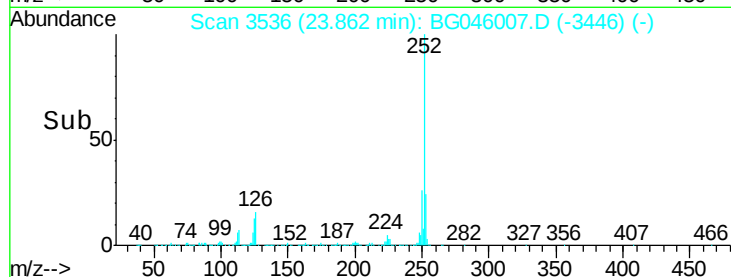
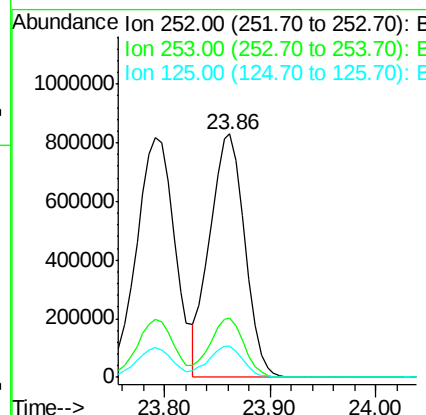
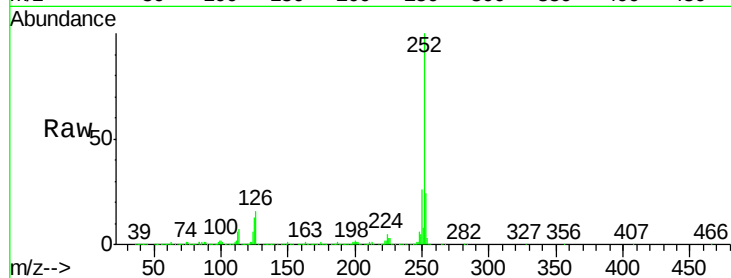
#89
Benzo(k)fluoranthene
Concen: 51.947 ng
RT: 23.86 min Scan# 3536
Delta R.T. -0.00 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Instrument :
BNA_G
ClientSampleId :
MH-D19MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.9	28.3
125	12.8	9.6	14.4

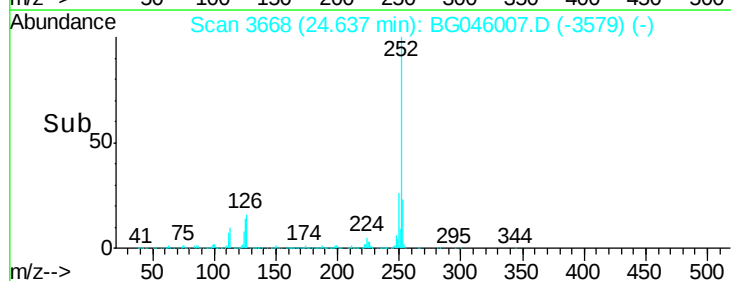
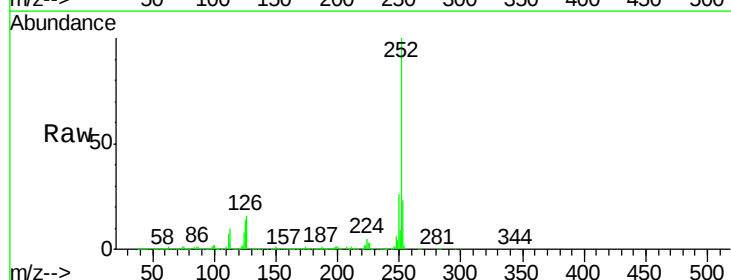
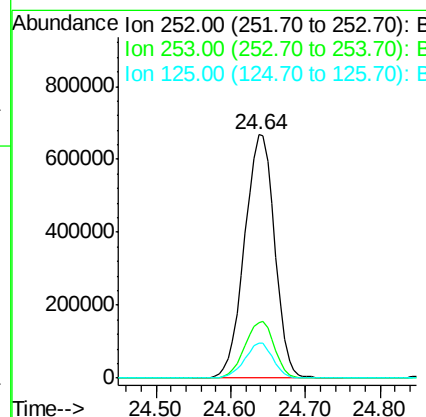
Manual Integrations
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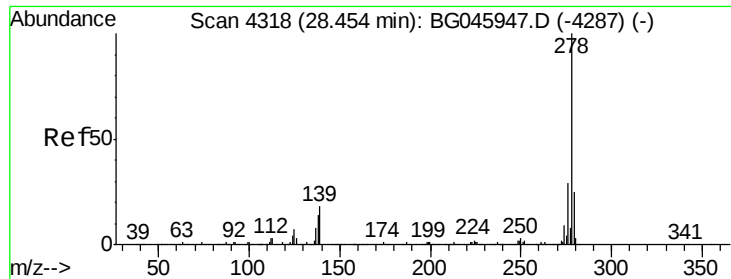
mohammad
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#90
Benzo(a)pyrene
Concen: 51.192 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.01 min
Lab File: BG046007.D
Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	28.0
125	14.4	10.5	15.7





#91

Dibenzo(a,h)anthracene

Concen: 53.419 ng

RT: 28.44 min Scan# 4316

Delta R.T. -0.01 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

Instrument :

BNA_G

ClientSampleId :

MH-D19MS

Tot Ion:278 Resp: 1929461

Ion Ratio Lower Upper

278 100

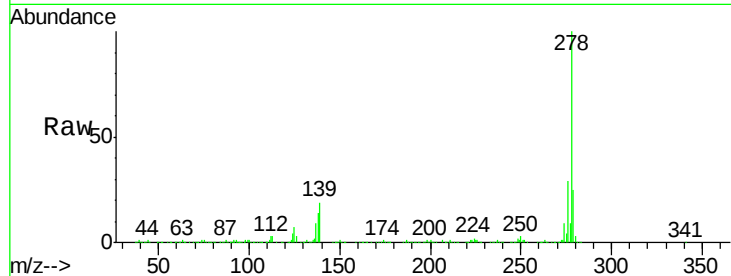
139 18.5 14.3 21.5

279 24.6 19.8 29.6

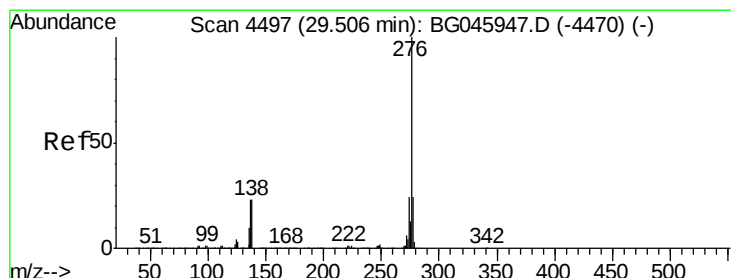
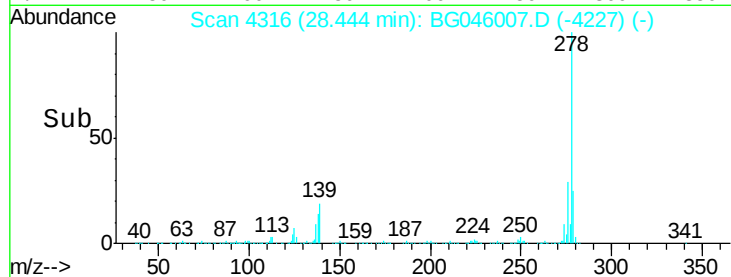
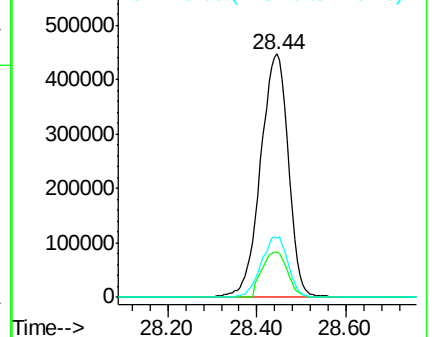
Manual Integrations
APPROVED

mohammad

7/13/2020 1:03:54 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: 53.728 ng

RT: 29.50 min Scan# 4495

Delta R.T. -0.01 min

Lab File: BG046007.D

Acq: 10 Jul 2020 15:07

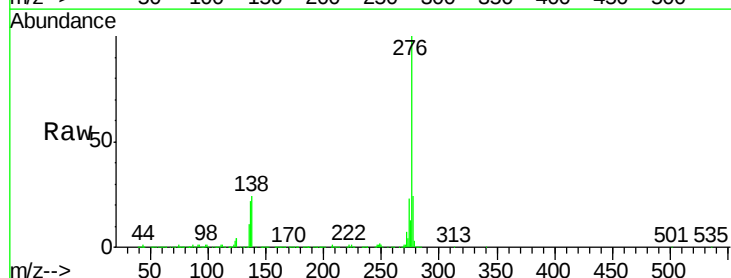
Tgt Ion:276 Resp: 1952911

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.0

138 24.0 18.6 28.0



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

