

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
 Data File : BG045961.D
 Acq On : 7 Jul 2020 15:58
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 7/9/2020 10:55:19 AM

Quant Time: Jul 07 18:11:37 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	8.00	152	135699	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	523547	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	309457	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	637186	20.00	ng	0.00
76) Chrysene-d12	21.63	240	557605	20.00	ng	0.00
86) Perylene-d12	24.79	264	589530	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	666897	79.70	ng	0.00
7) Phenol-d6	7.16	99	974706	80.91	ng	0.00
23) Nitrobenzene-d5	9.16	82	808908	88.93	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	242070	84.28	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1584871	79.89	ng	0.00
79) Terphenyl-d14	19.99	244	2051807	81.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	161558	41.848	ng	100
3) Pyridine	3.90	79	490762	42.041	ng	98
4) n-Nitrosodimethylamine	3.82	42	171429	43.430	ng	# 97
6) Aniline	7.33	93	609441	39.544	ng	99
8) 2-Chlorophenol	7.58	128	351676	39.041	ng	99
9) Benzaldehyde	7.14	77	295447	38.707	ng	97
10) Phenol	7.19	94	481007	39.802	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	404476	40.475	ng	99
12) 1,3-Dichlorobenzene	7.90	146	409617	39.451	ng	99
13) 1,4-Dichlorobenzene	8.05	146	407214	39.869	ng	98
14) 1,2-Dichlorobenzene	8.36	146	392983	39.977	ng	99
15) Benzyl Alcohol	8.24	79	375262	39.726	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	527812	40.481	ng	97
17) 2-Methylphenol	8.44	107	358302	39.513	ng	97
18) Hexachloroethane	9.10	117	157895	40.177	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	335626	39.657	ng	99
20) 3+4-Methylphenols	8.77	107	485669	39.298	ng	99
22) Acetophenone	8.82	105	549349	39.277	ng	98
24) Nitrobenzene	9.20	77	447696	44.593	ng	97
25) Isophorone	9.73	82	892006	40.171	ng	99
26) 2-Nitrophenol	9.91	139	148568	45.401	ng	96
27) 2,4-Dimethylphenol	9.97	122	313119	39.616	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	503043	40.343	ng	98
29) 2,4-Dichlorophenol	10.45	162	319553	39.055	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	360507	39.766	ng	99
31) Naphthalene	10.86	128	1108628	39.500	ng	99
32) Benzoic acid	10.10	122	203041	42.867	ng	96
33) 4-Chloroaniline	10.95	127	491947	39.224	ng	98
34) Hexachlorobutadiene	11.16	225	208065	39.307	ng	100
35) Caprolactam	11.72	113	121851	39.224	ng	95
36) 4-Chloro-3-methylphenol	12.08	107	372935	40.019	ng	99
37) 2-Methylnaphthalene	12.46	142	797155	39.955	ng	98
38) 1-Methylnaphthalene	12.68	142	749136	39.787	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	350814	40.215	ng	99

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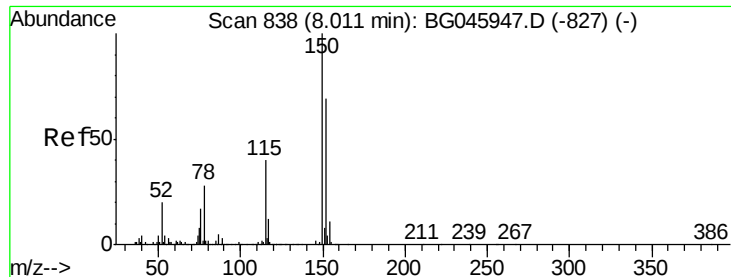
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	203166	39.251	nq	99
43) 2,4,6-Trichlorophenol	13.06	196	240315	40.734	nq	99
44) 2,4,5-Trichlorophenol	13.13	196	275276	41.268	nq	99
46) 1,1'-Biphenyl	13.47	154	935123	40.170	nq	99
47) 2-Chloronaphthalene	13.51	162	728715	39.674	nq	98
48) 2-Nitroaniline	13.70	65	234350	45.687	nq	98
49) Acenaphthylene	14.35	152	1180900	39.849	nq	99
50) Dimethylphthalate	14.09	163	918146	39.534	nq	99
51) 2,6-Dinitrotoluene	14.20	165	185497	44.887	nq	98
52) Acenaphthene	14.70	154	746250	39.923	nq	97
53) 3-Nitroaniline	14.52	138	220382	43.535	nq #	91
54) 2,4-Dinitrophenol	14.72	184	62391	43.194	nq	93
55) Dibenzofuran	15.03	168	1088303	39.719	nq	99
56) 4-Nitrophenol	14.82	139	173290	45.800	nq	95
57) 2,4-Dinitrotoluene	14.98	165	240925	45.428	nq	92
58) Fluorene	15.68	166	884398	39.346	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.25	232	215313m	41.807	nq	
60) Diethylphthalate	15.45	149	951938	39.085	nq	98
61) 4-Chlorophenyl-phenylether	15.68	204	437353	39.110	nq	98
62) 4-Nitroaniline	15.68	138	228335	47.570	nq	91
63) Azobenzene	15.96	77	1049728	40.157	nq	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	95075	43.995	nq	98
66) n-Nitrosodiphenylamine	15.88	169	785357	39.774	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	282130	39.645	nq	98
68) Hexachlorobenzene	16.69	284	280229	39.241	nq	99
69) Atrazine	16.83	200	232450	39.818	nq	97
70) Pentachlorophenol	17.02	266	170443	42.928	nq	98
71) Phenanthrene	17.41	178	1359391	40.354	nq	99
72) Anthracene	17.50	178	1372232	40.140	nq	99
73) Carbazole	17.77	167	1366836	39.889	nq	99
74) Di-n-butylphthalate	18.35	149	1627175	39.296	nq	99
75) Fluoranthene	19.42	202	1572251	40.374	nq	99
77) Benzidine	19.59	184	703879	44.149	nq	100
78) Pyrene	19.78	202	1582872	41.587	nq	99
80) Butylbenzylphthalate	20.68	149	767846	42.690	nq	96
81) Benzo(a)anthracene	21.62	228	1475162	40.234	nq	99
82) 3,3'-Dichlorobenzidine	21.53	252	549290	40.543	nq	99
83) Chrysene	21.68	228	1421399	40.694	nq	100
84) Bis(2-ethylhexyl)phthalate	21.56	149	1060155	40.605	nq	99
85) Di-n-octyl phthalate	22.76	149	1842800	40.672	nq	100
87) Indeno(1,2,3-cd)pyrene	28.37	276	1790933	41.526	nq	99
88) Benzo(b)fluoranthene	23.79	252	1573994	42.059	nq	98
89) Benzo(k)fluoranthene	23.86	252	1468917	41.511	nq	100
90) Benzo(a)pyrene	24.64	252	1475110	41.917	nq	99
91) Dibenzo(a,h)anthracene	28.45	278	1430482	41.123	nq	99
92) Benzo(g,h,i)perylene	29.49	276	1429667	40.840	nq	99

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



#1

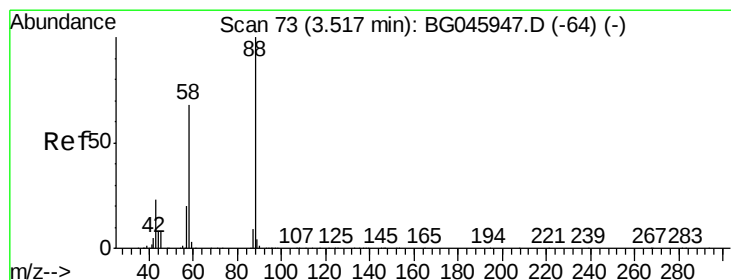
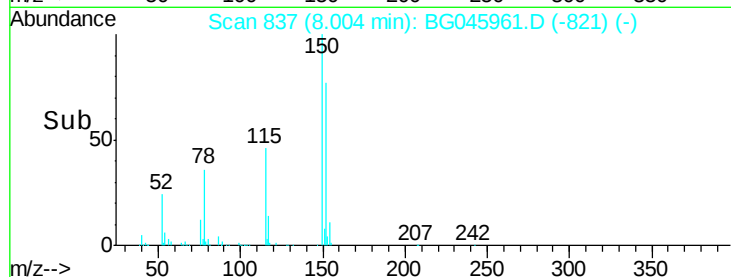
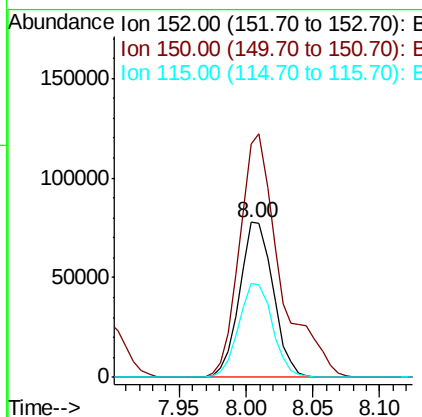
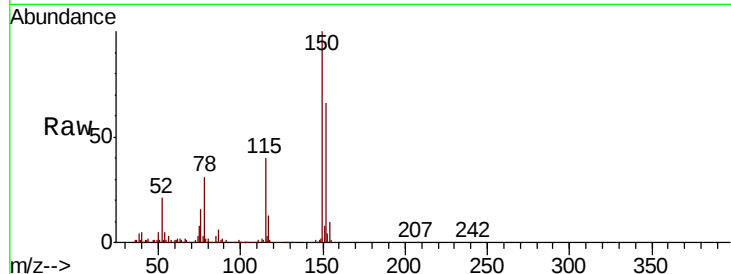
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	116.7	175.1
115	60.2	47.4	71.0

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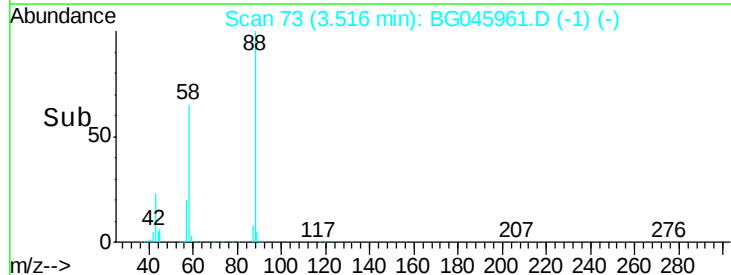
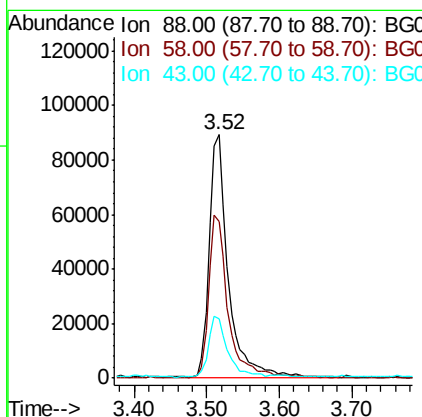
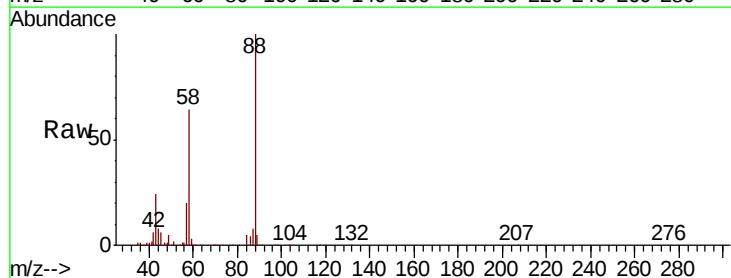
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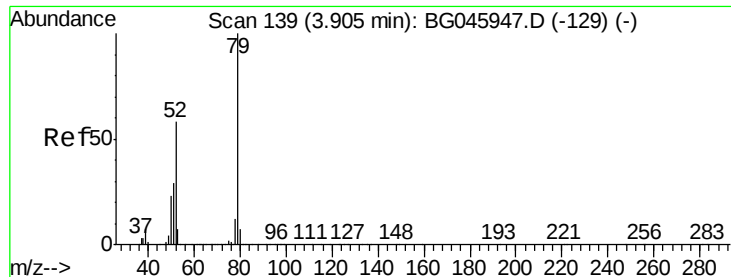


#2

1,4-Dioxane
Concen: 41.848 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	55.2	82.8
43	25.0	19.4	29.0





#3

Pvridine

Concen: 42.041 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.01 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

Instrument :

BNA_G

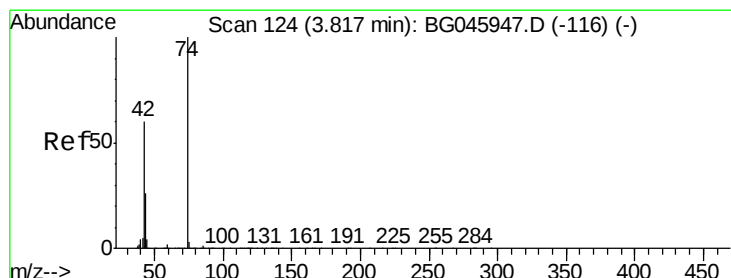
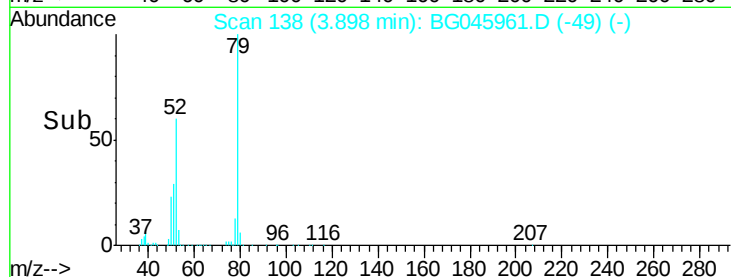
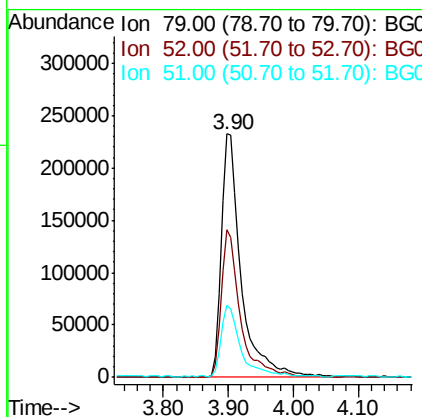
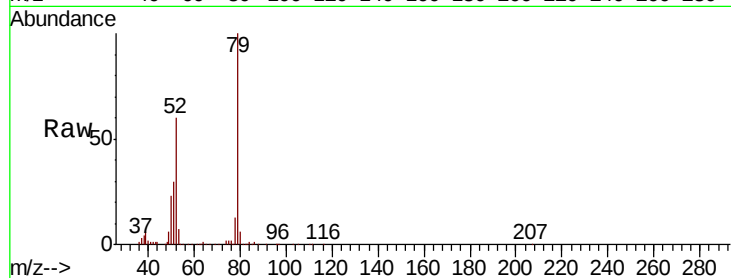
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	490762
Ion	Ratio	Lower	Upper
79	100		
52	60.5	46.5	69.7
51	29.7	23.5	35.3

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#4

n-Nitrosodimethylamine

Concen: 43.430 ng

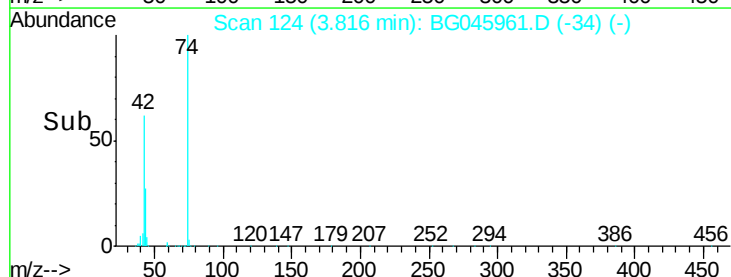
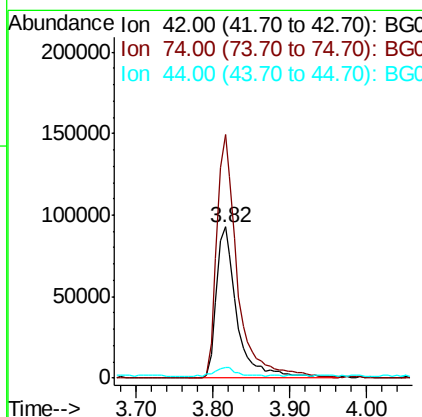
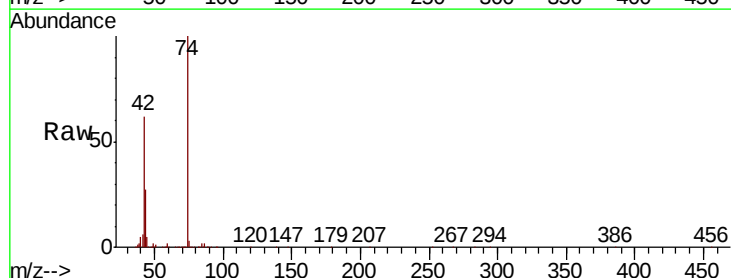
RT: 3.82 min Scan# 124

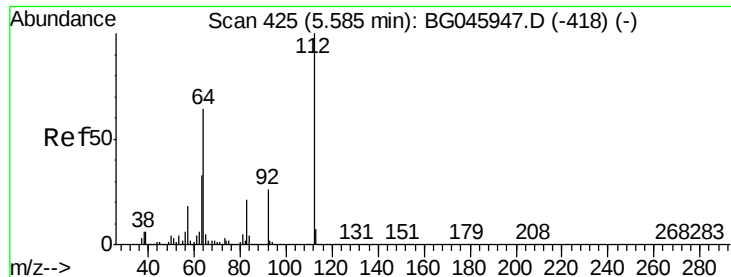
Delta R.T. -0.00 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

Tgt Ion:	42	Resp:	171429
Ion	Ratio	Lower	Upper
42	100		
74	161.3	131.9	197.9
44	7.5	7.7	11.5#





#5

2-Fluorophenol

Concen: 79.697 ng

RT: 5.58 min Scan# 425

Delta R.T. -0.00 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

Instrument :

BNA_G

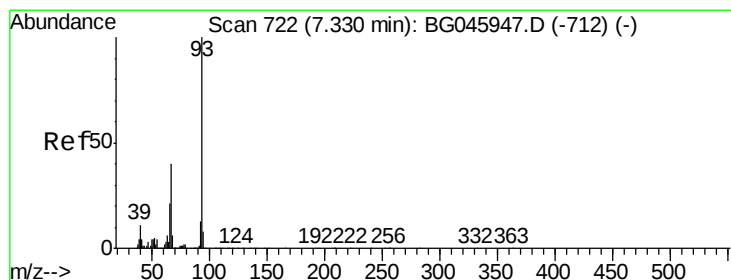
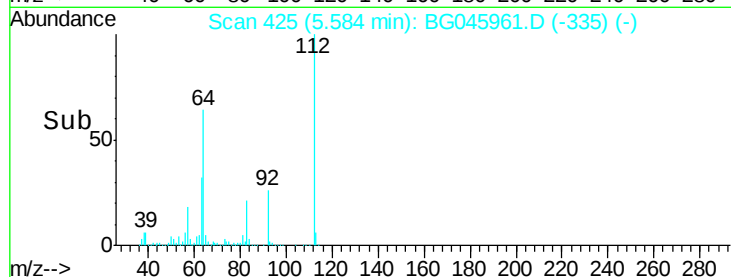
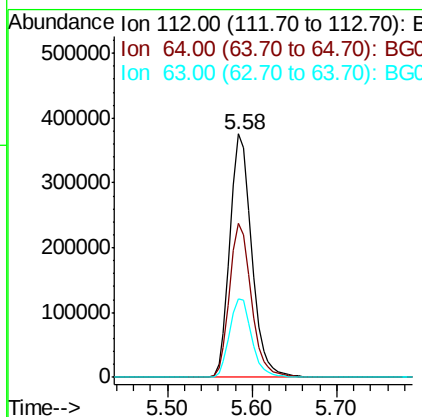
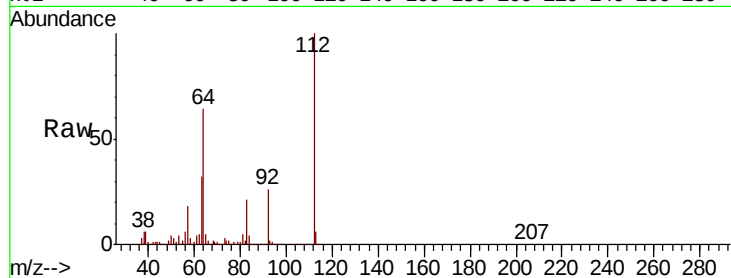
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	666897
Ion Ratio	Lower	Upper	
112	100		
64	63.5	51.4	77.2
63	32.2	26.6	40.0

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#6

Aniline

Concen: 39.544 ng

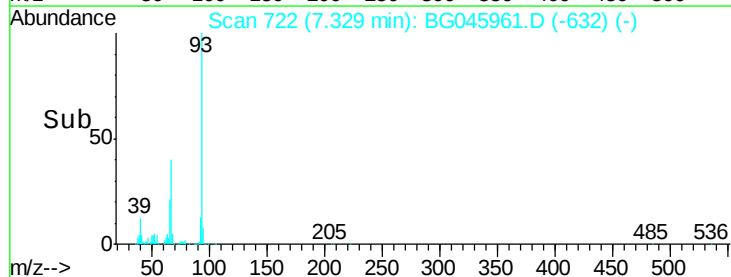
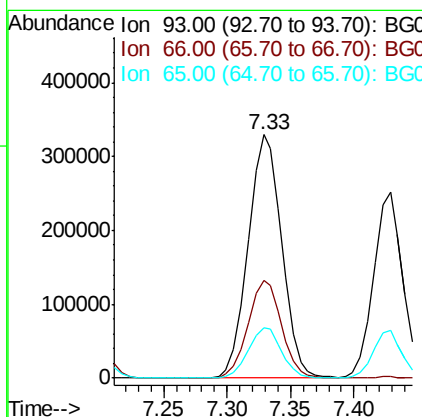
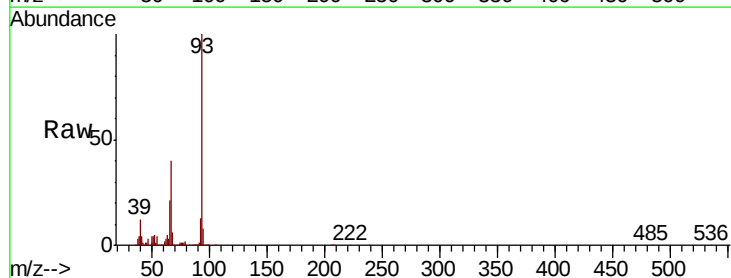
RT: 7.33 min Scan# 722

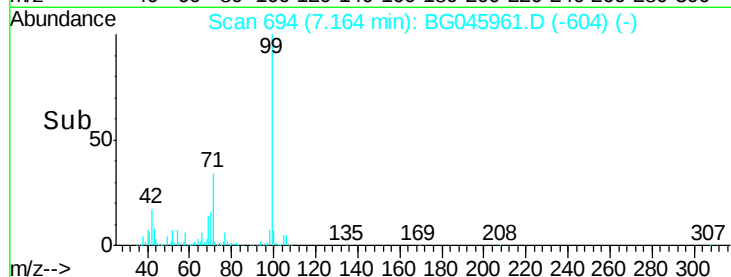
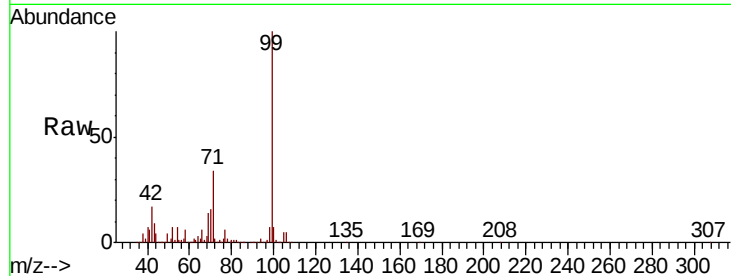
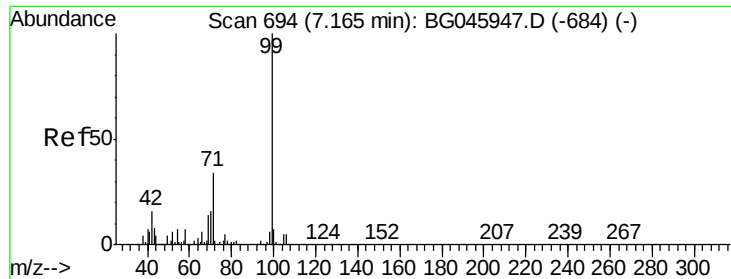
Delta R.T. -0.00 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

Tgt Ion:	93	Resp:	609441
Ion Ratio	Lower	Upper	
93	100		
66	39.9	32.3	48.5
65	20.5	16.6	25.0





#7

Phenol-d6

Concen: 80.906 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

Tot Ion:	99	Resp:	974706
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.0	19.4
71	33.9	27.5	41.3

Instrument :

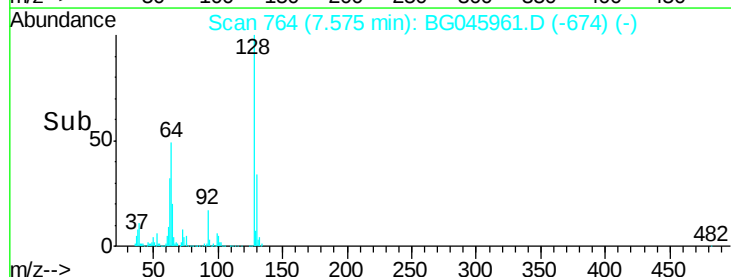
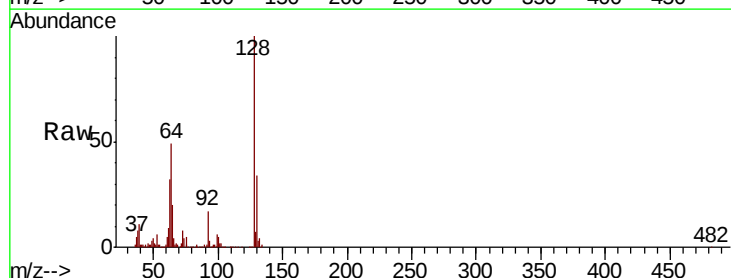
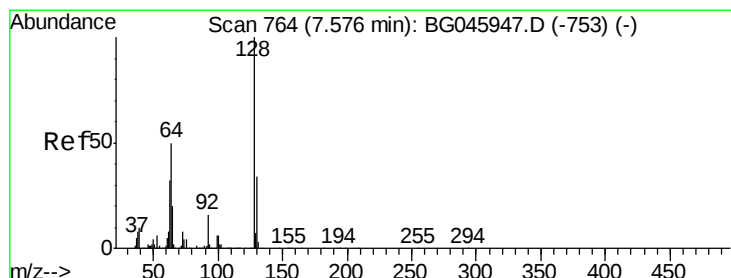
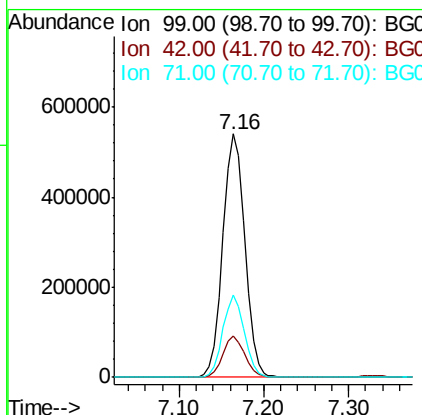
BNA_G

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SSTDCCC040

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#8

2-Chlorophenol

Concen: 39.041 ng

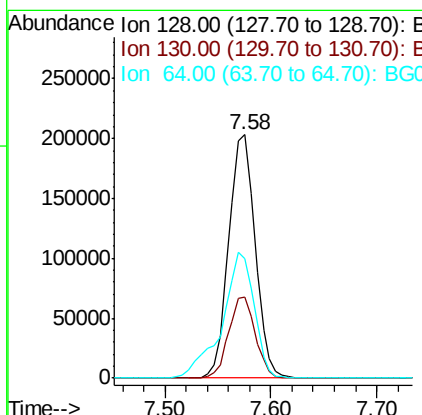
RT: 7.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

Tgt Ion:	128	Resp:	351676
Ion Ratio	Lower	Upper	
128	100		
130	33.5	13.6	53.6
64	49.1	30.6	70.6





#9

Benzaldehyde

Concen: 38.707 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

Instrument :

BNA_G

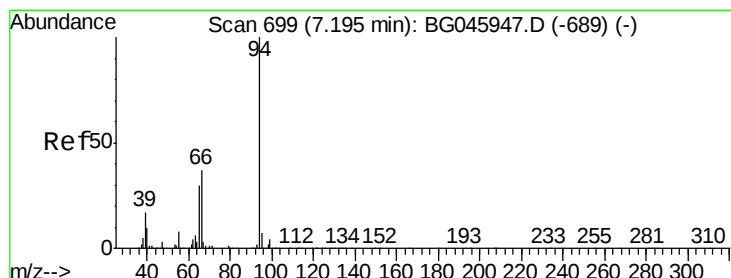
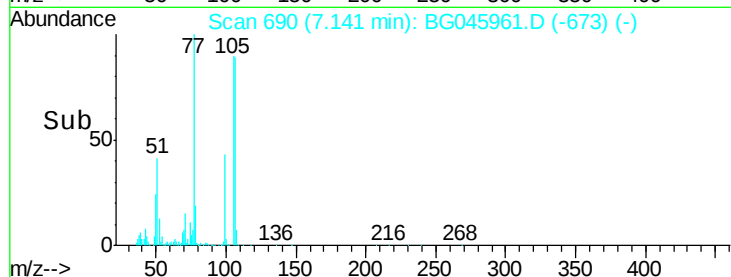
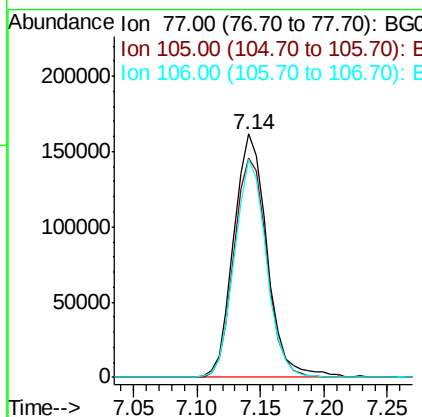
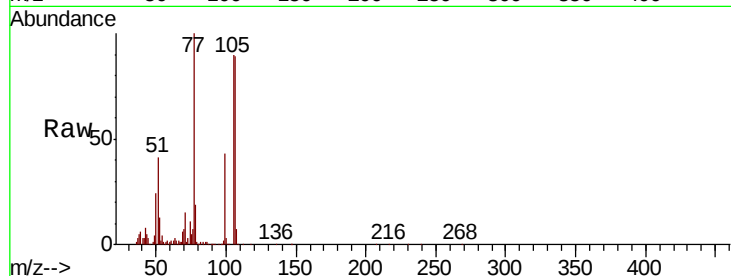
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	295447
Ion Ratio	Lower	Upper	
77	100		
105	90.1	66.0	106.0
106	89.4	67.7	107.7

Manual Integrations
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#10

Phenol

Concen: 39.802 ng

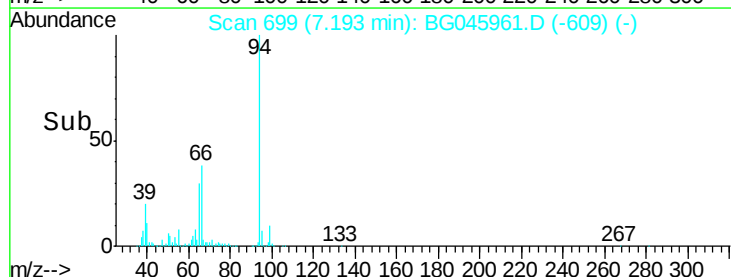
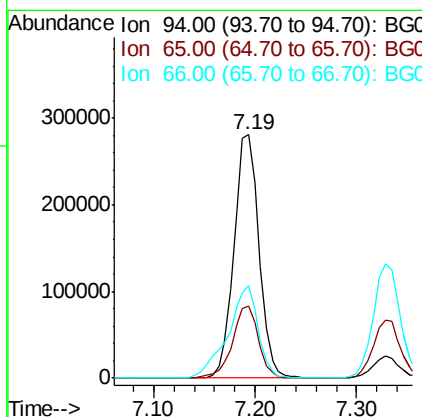
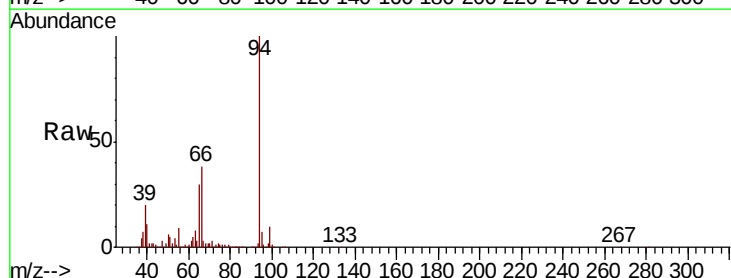
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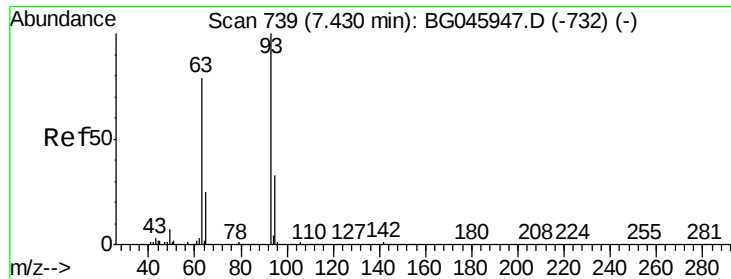
Delta R.T. -0.00 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

Tgt Ion:	94	Resp:	481007
Ion Ratio	Lower	Upper	
94	100		
65	29.8	10.6	50.6
66	38.2	17.1	57.1





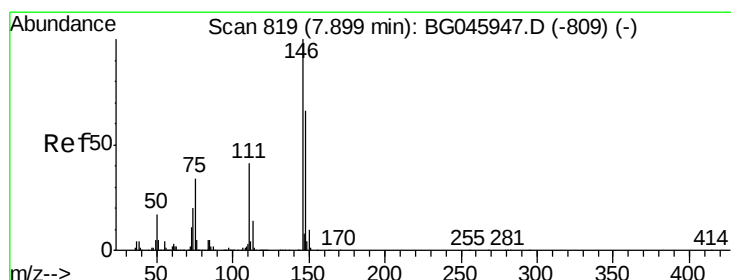
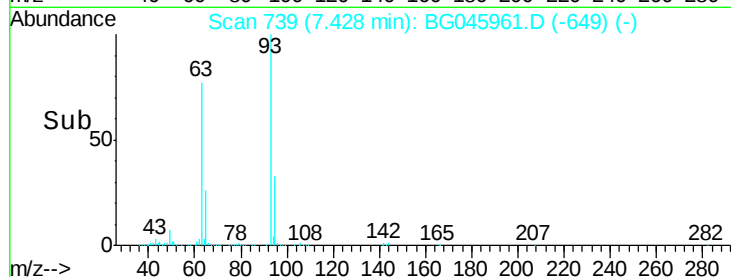
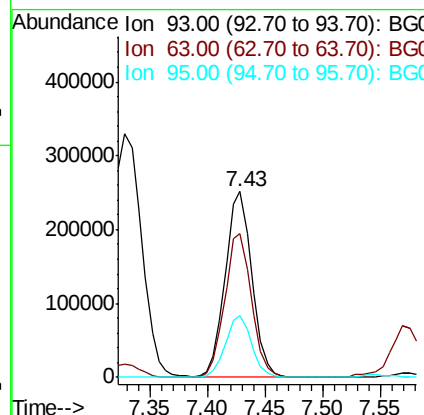
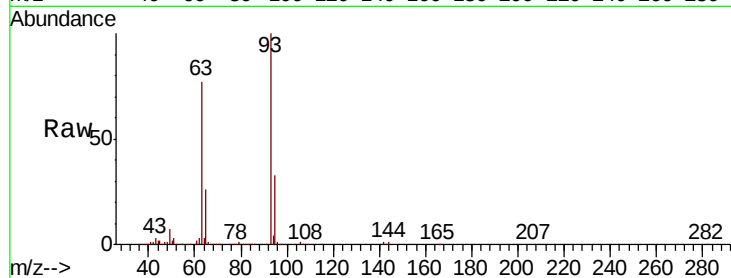
#11
bis(2-Chloroethyl)ether
Concen: 40.475 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
63	77.3	58.6	98.6		
95	33.0	13.3	53.3		

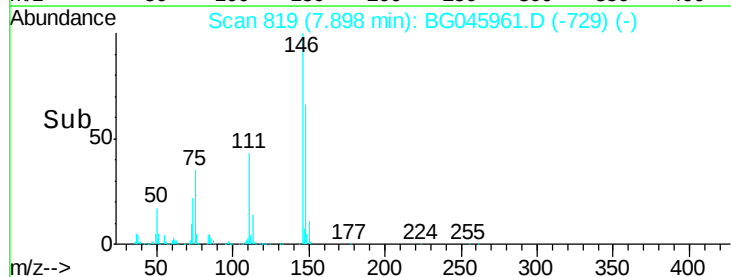
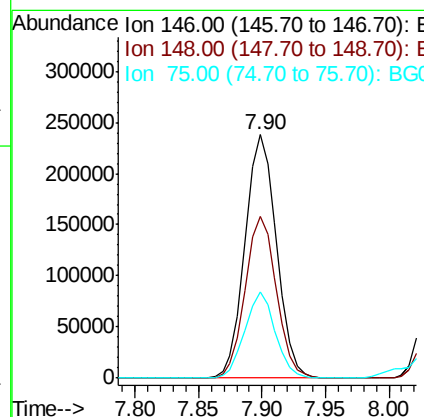
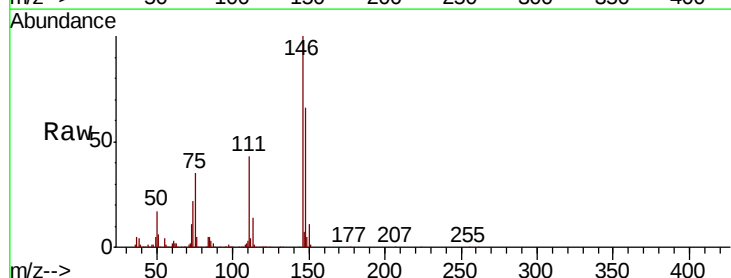
Manual Integrations
APPROVED

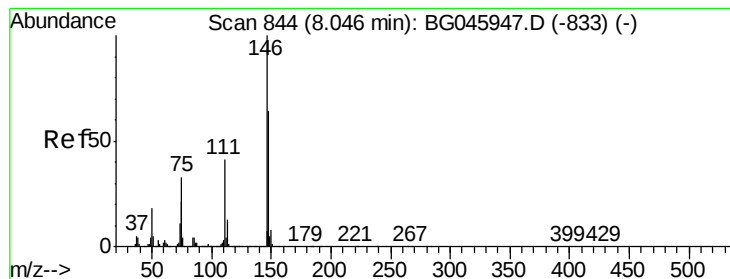
mohammad
7/9/2020 10:55:19 AM



#12
1,3-Dichlorobenzene
Concen: 39.451 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100				
148	66.4	52.8	79.2		
75	35.4	27.2	40.8		





#13

1,4-Dichlorobenzene

Concen: 39.869 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

Instrument :

BNA_G

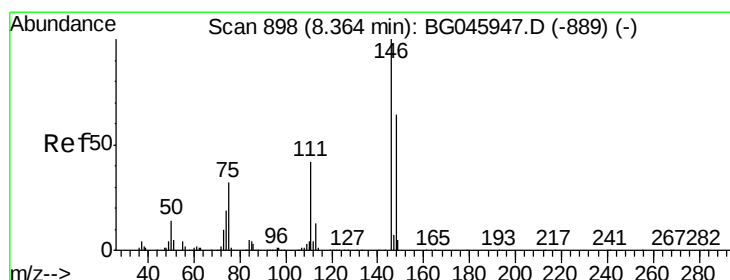
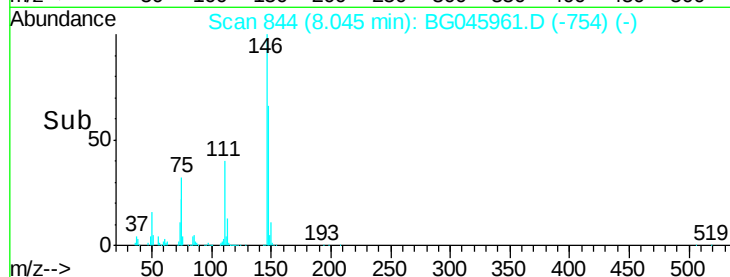
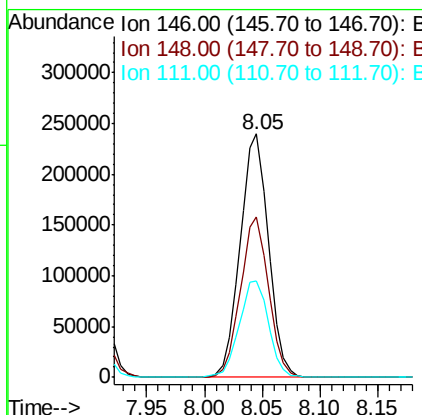
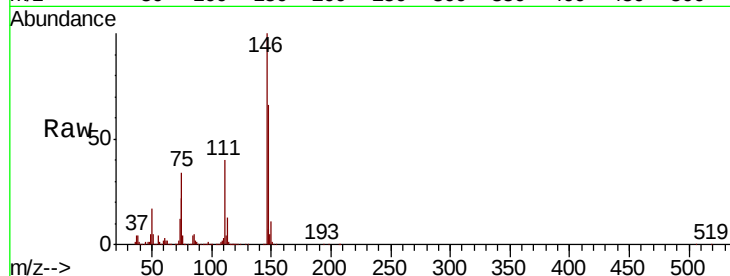
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	407214
Ion Ratio	Lower	Upper	
146	100		
148	66.1	51.7	77.5
111	39.8	33.3	49.9

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.977 ng

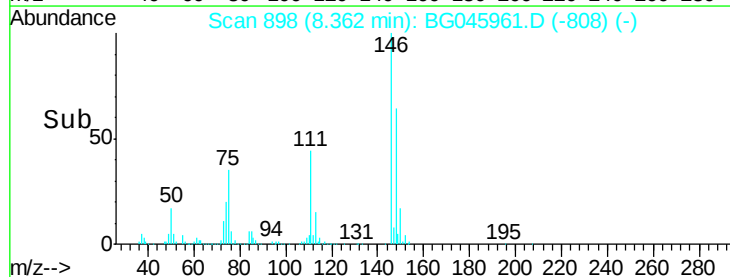
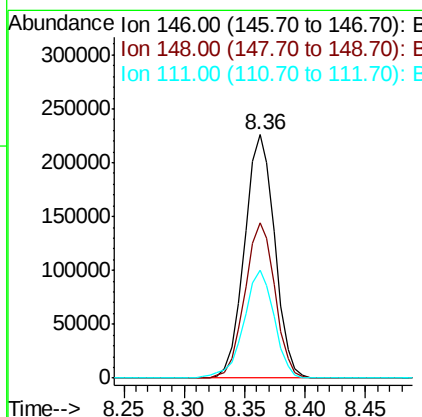
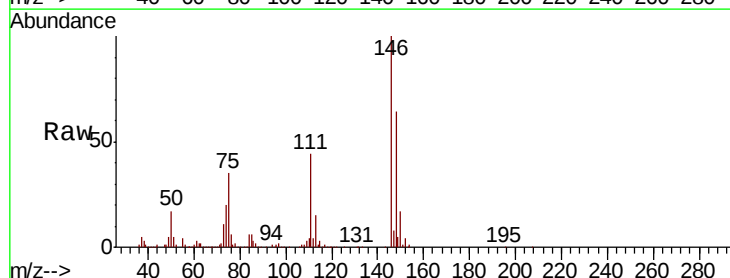
RT: 8.36 min Scan# 898

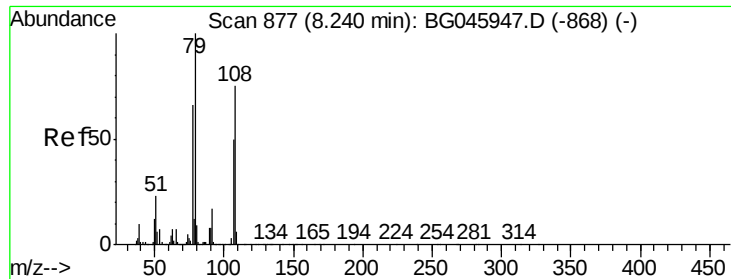
Delta R.T. -0.00 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

Tgt Ion:	146	Resp:	392983
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.6	77.4
111	44.1	34.0	51.0





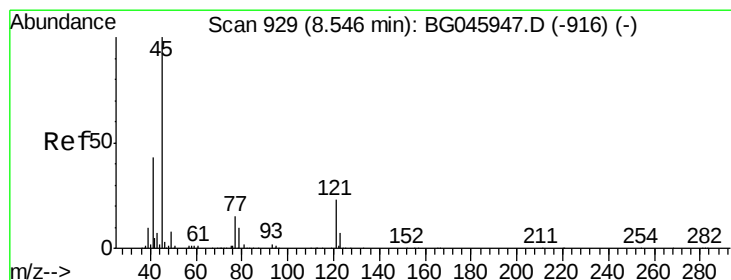
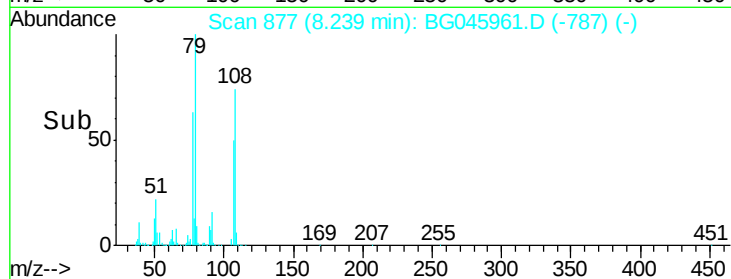
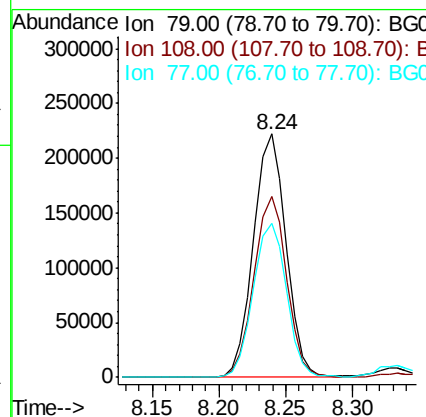
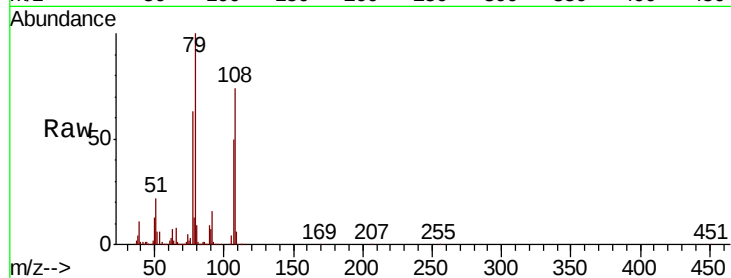
#15
Benzyl Alcohol
Concen: 39.726 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.3	60.2	90.4
77	63.1	52.9	79.3

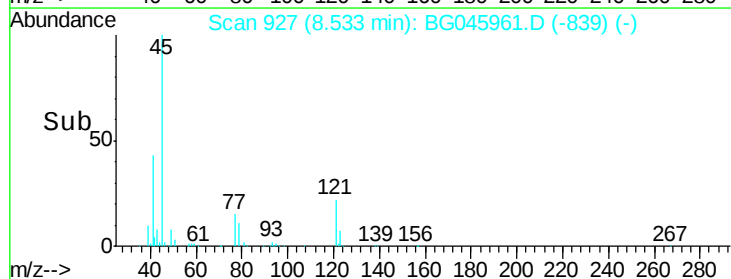
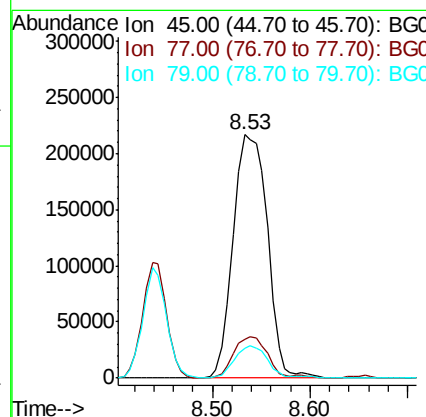
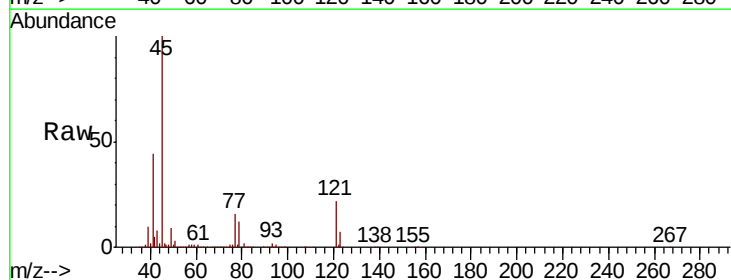
Manual Integrations
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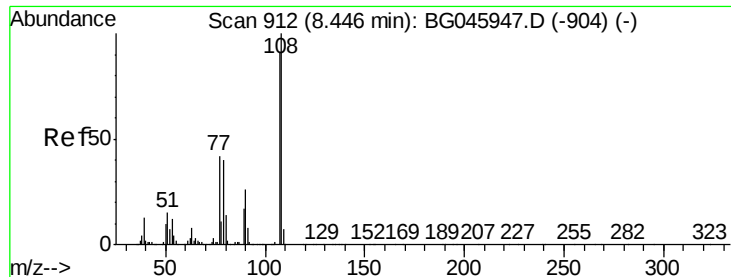
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.481 ng
RT: 8.53 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	37.6
79	12.2	0.0	32.6





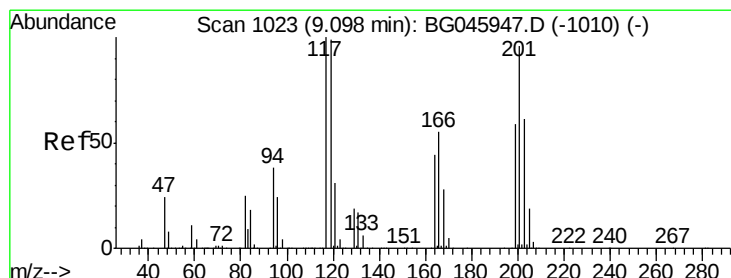
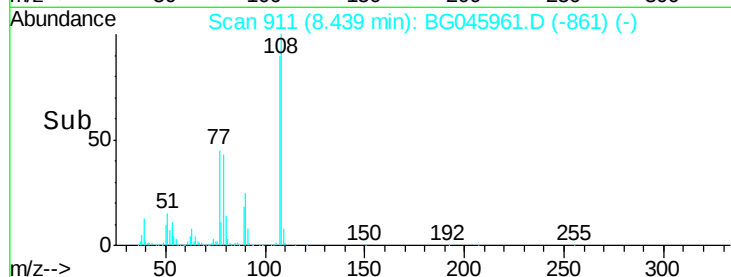
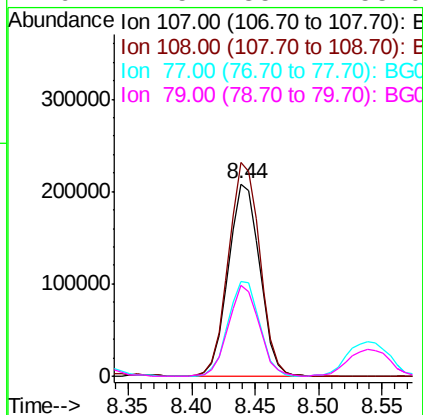
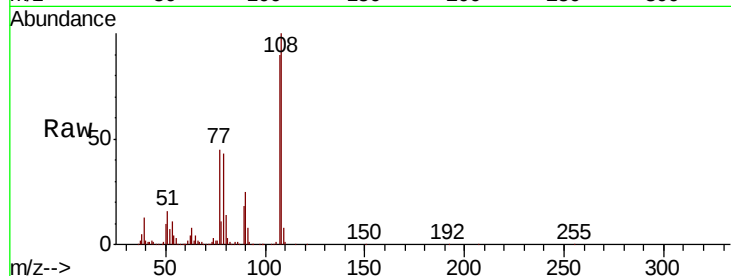
#17
2-Methylphenol
Concen: 39.513 ng
RT: 8.44 min Scan# 911
Delta R.T. -0.01 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	111.2	88.2	132.4	
77	77	49.6	37.0	55.4	
79	79	47.5	35.4	53.0	

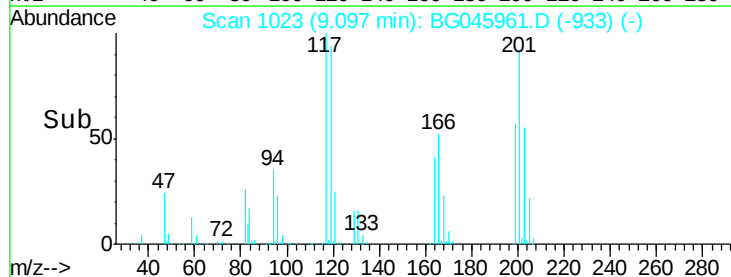
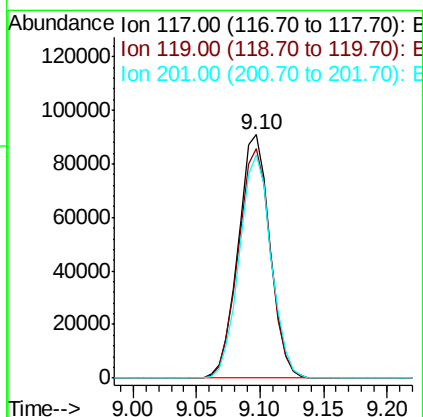
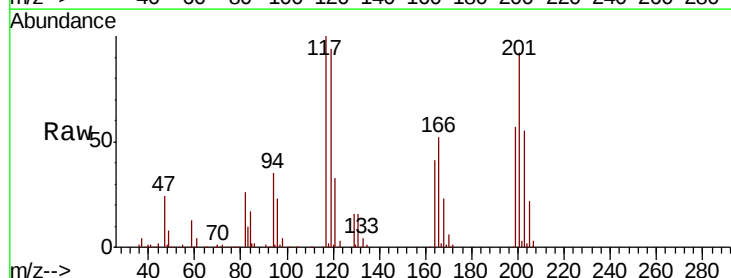
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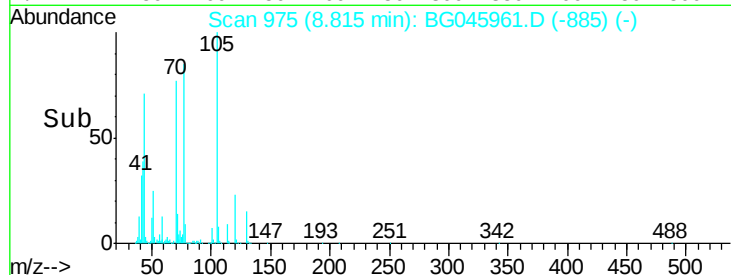
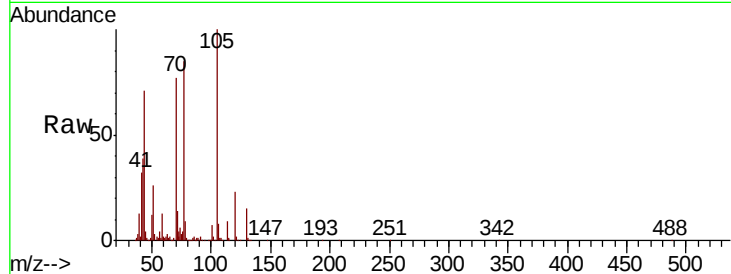
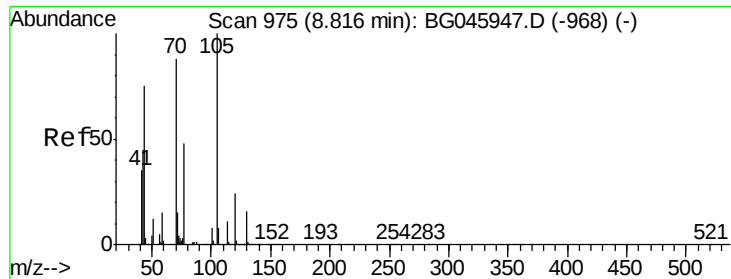
mohammad
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#18
Hexachloroethane
Concen: 40.177 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	94.4	79.5	119.3	
201	201	91.9	77.0	115.4	





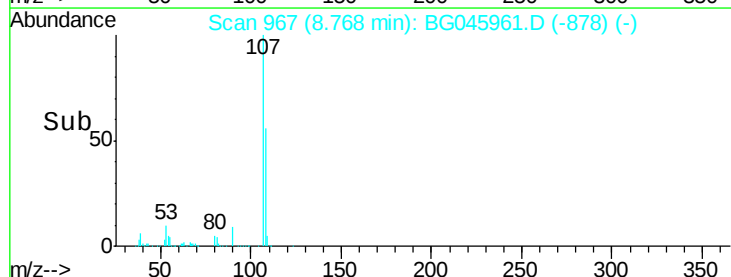
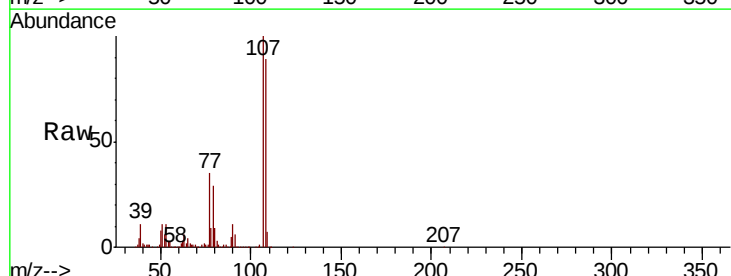
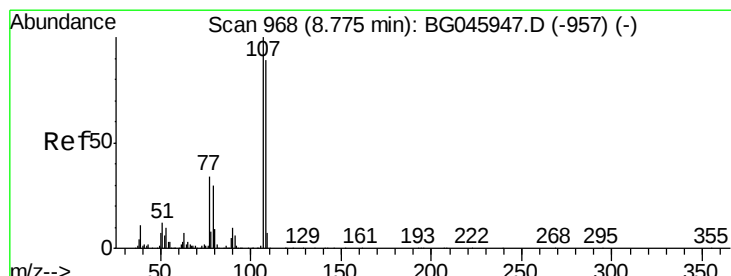
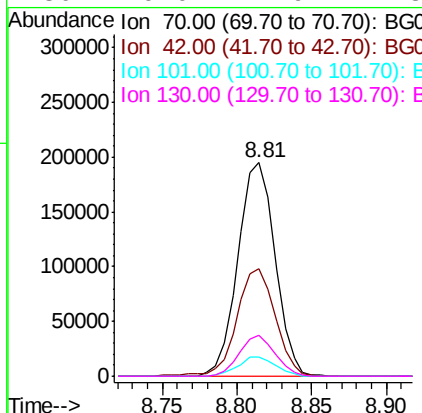
#19
n-Nitroso-di-n-propylamine
Concen: 39.657 ng
RT: 8.81 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	50.4	41.4	62.0		
101	8.9	7.1	10.7		
130	19.0	14.9	22.3		

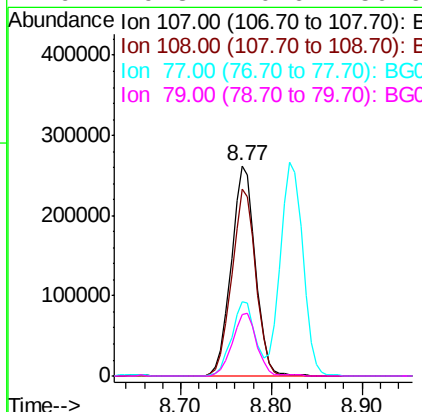
Manual Integrations
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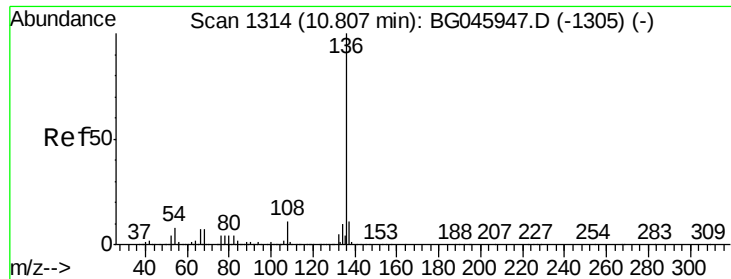
mohammad
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#20
3+4-Methylphenols
Concen: 39.298 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.6	68.7	108.7		
77	35.2	14.6	54.6		
79	29.3	10.6	50.6		





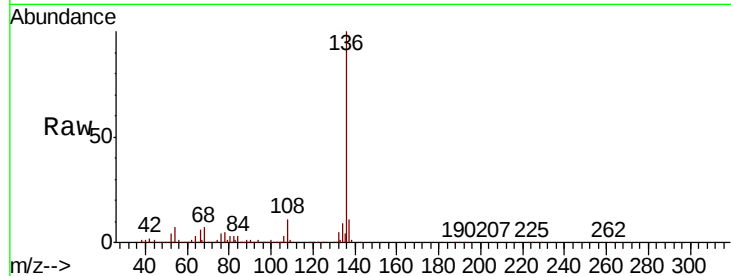
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

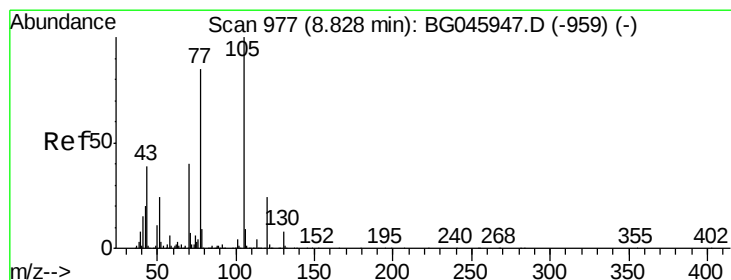
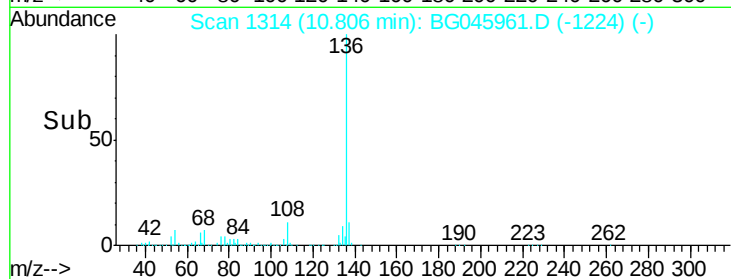
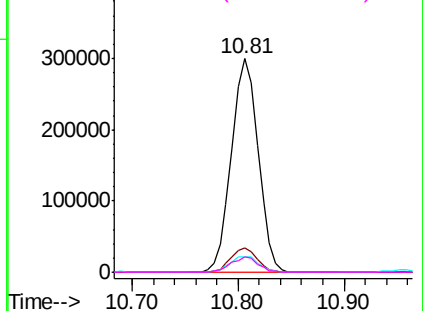
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	7.5	6.2	9.4
68	7.4	5.8	8.8

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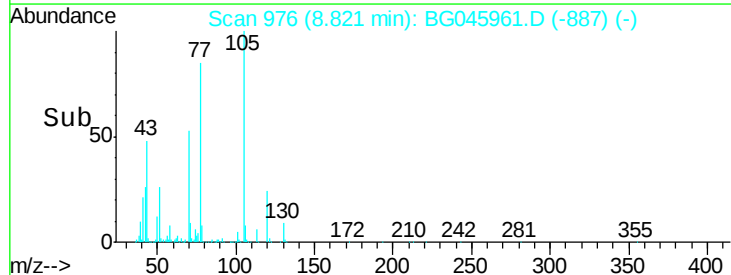
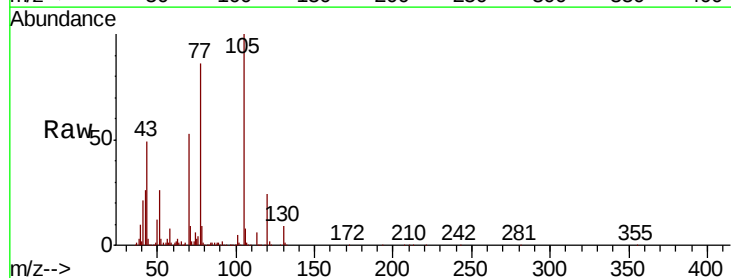
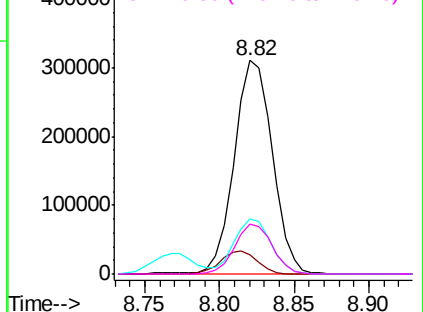
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

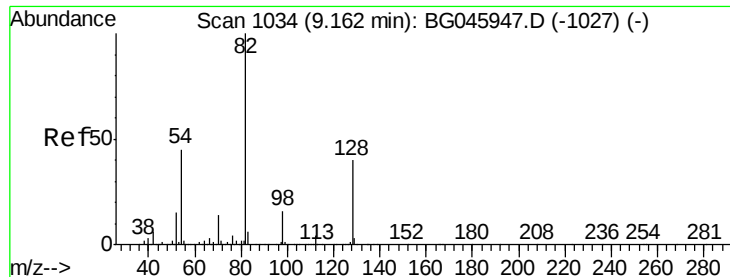


#22
Acetophenone
Concen: 39.277 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
105	100		
71	9.1	6.2	9.2
51	25.7	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





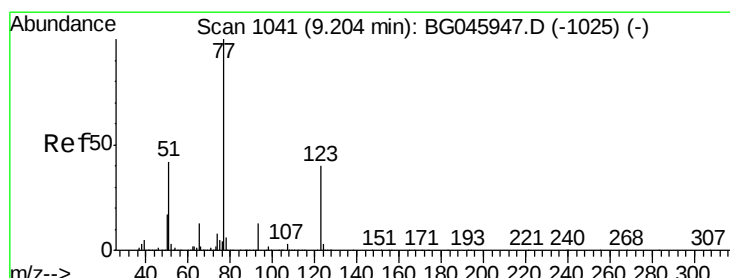
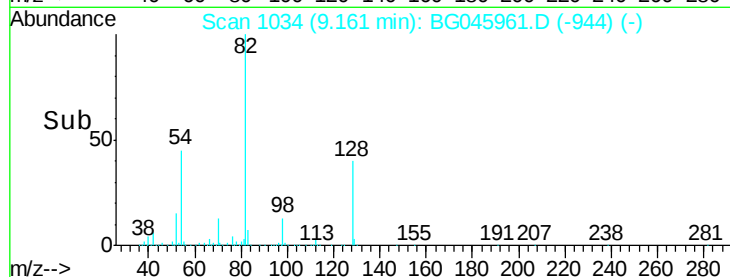
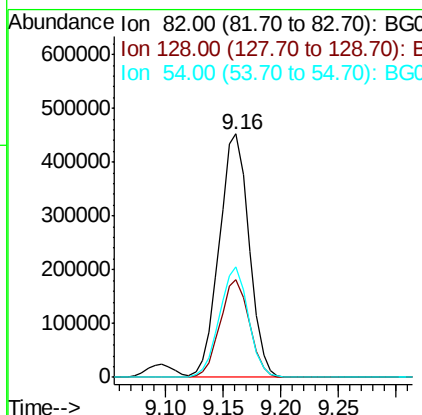
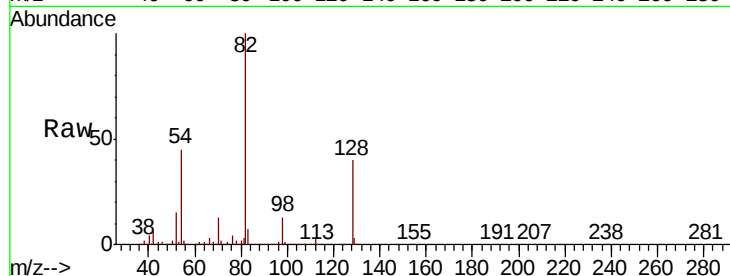
#23
 Nitrobenzene-d5
 Concen: 88.930 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG045961.D
 Acq: 7 Jul 2020 15:58

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.2	48.4
54	45.1	35.8	53.6

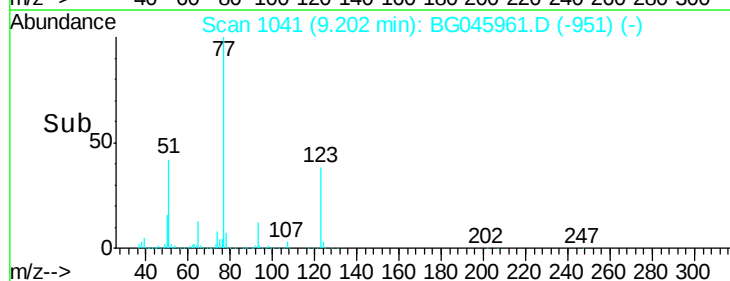
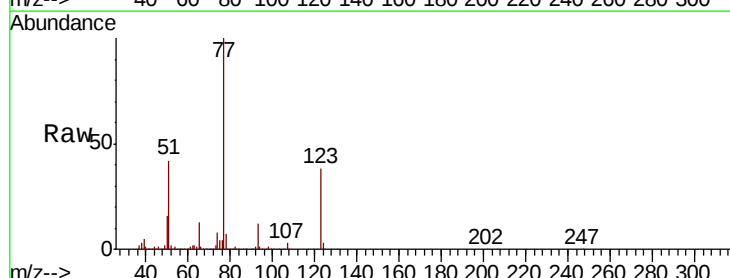
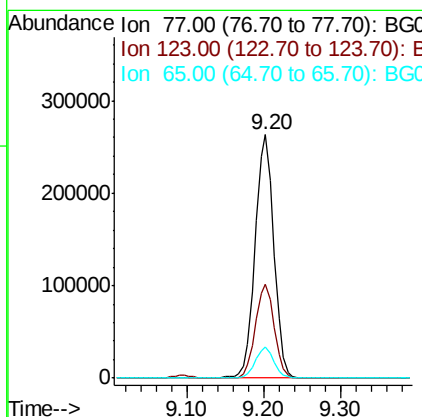
Manual Integrations
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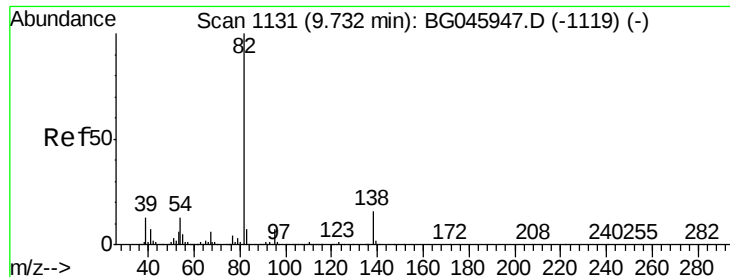
mohammad
 7/9/2020 10:55:19 AM



#24
 Nitrobenzene
 Concen: 44.593 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG045961.D
 Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.3	32.7	49.1
65	13.0	10.2	15.4





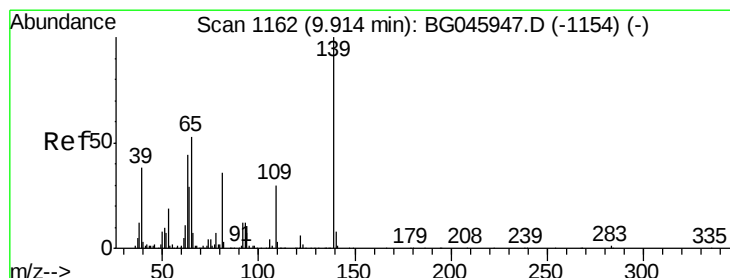
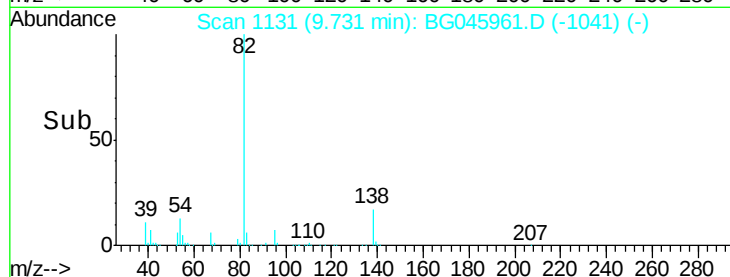
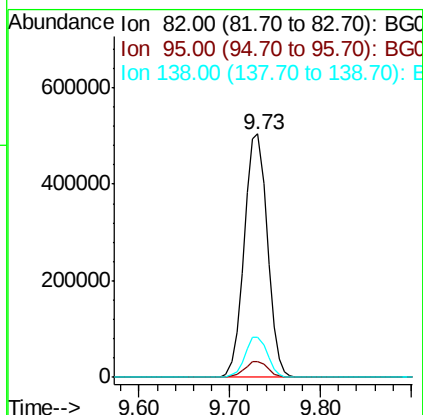
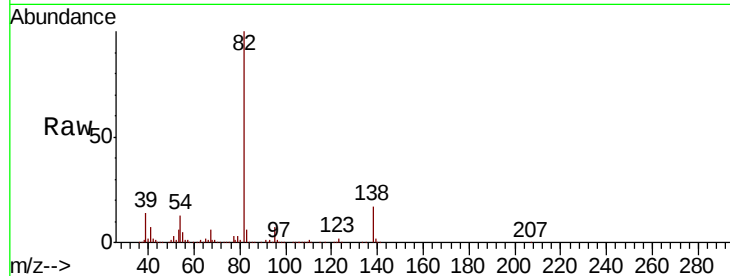
#25
Isophorone
Concen: 40.171 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.8	8.6
138	16.6	12.9	19.3

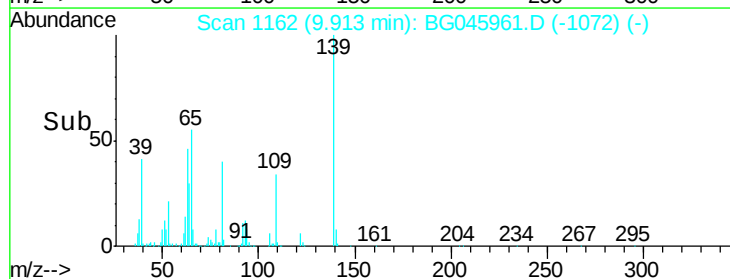
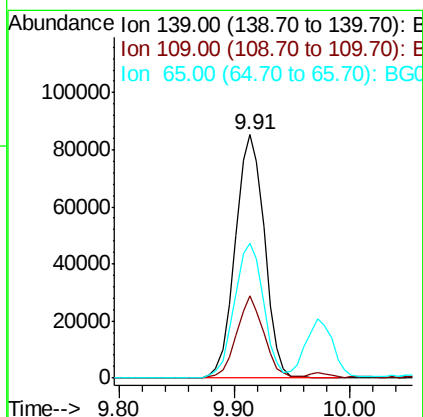
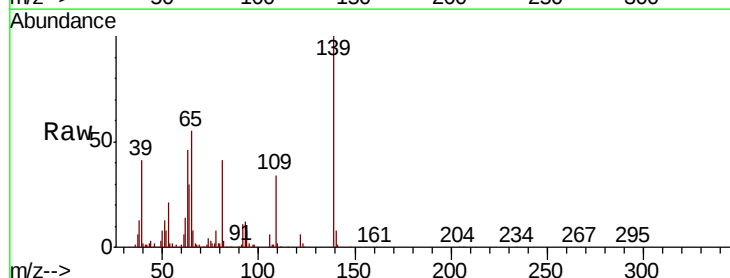
Manual Integrations
APPROVED

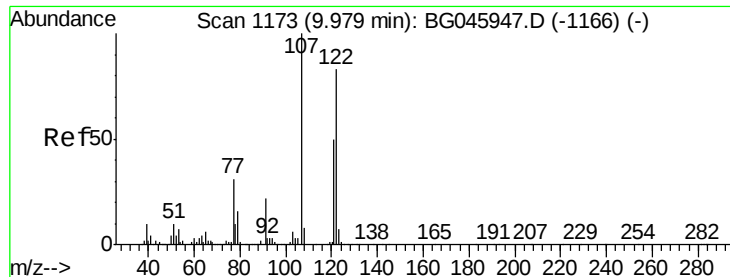
mohammad
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#26
2-Nitrophenol
Concen: 45.401 ng
RT: 9.91 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	33.6	24.6	37.0
65	55.3	42.6	64.0





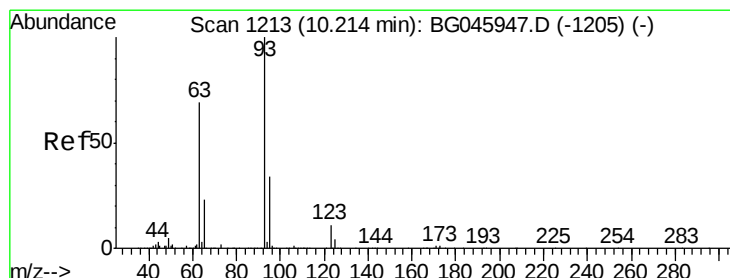
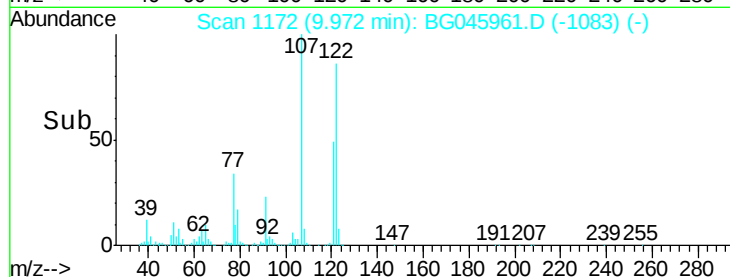
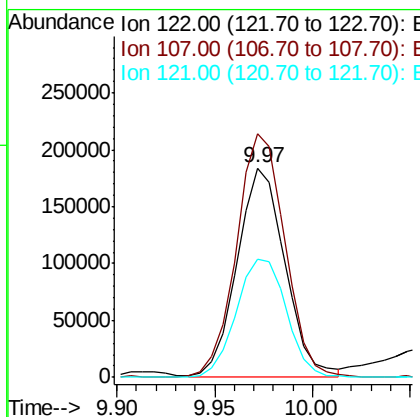
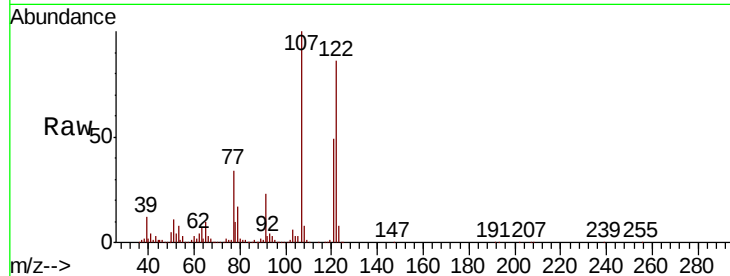
#27
 2,4-Dimethylphenol
 Concen: 39.616 ng
 RT: 9.97 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BG045961.D
 Acq: 7 Jul 2020 15:58

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	116.5	95.6	143.4	
121	56.6	47.7	71.5	

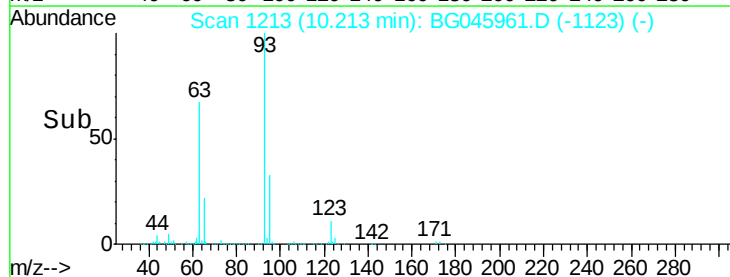
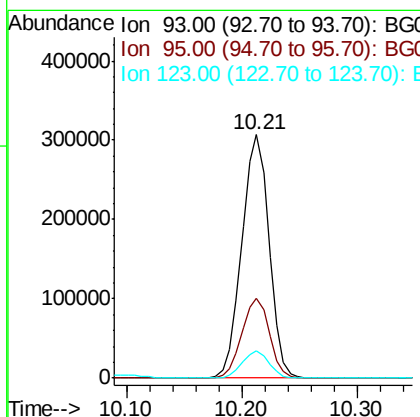
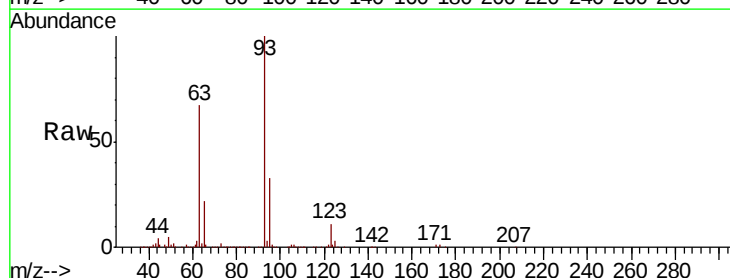
Manual Integrations
 APPROVED

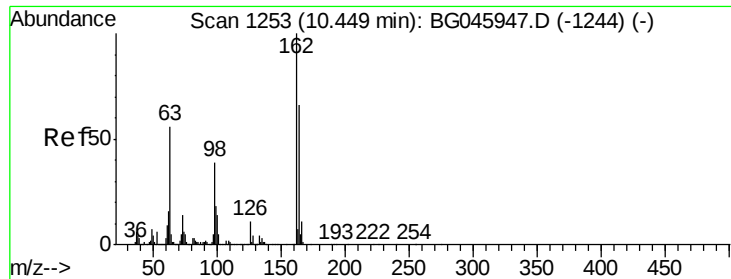
mohammad
 7/9/2020 10:55:19 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.343 ng
 RT: 10.21 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BG045961.D
 Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.7	27.5	41.3	
123	11.1	9.2	13.8	





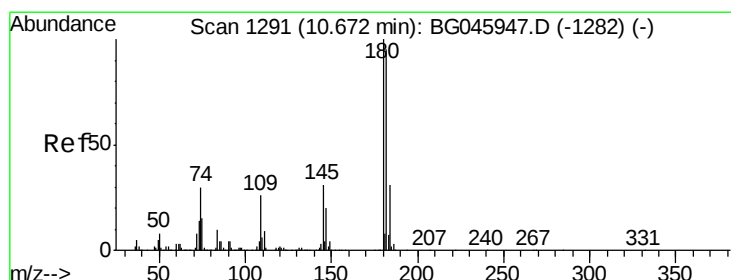
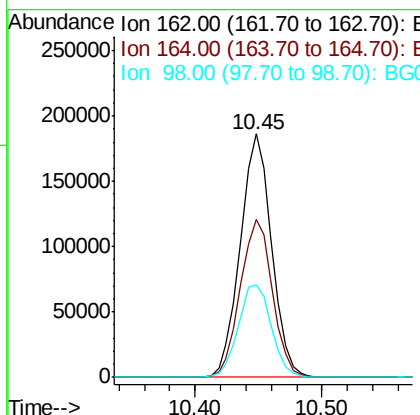
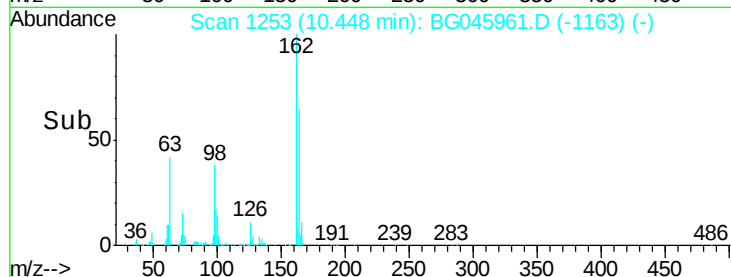
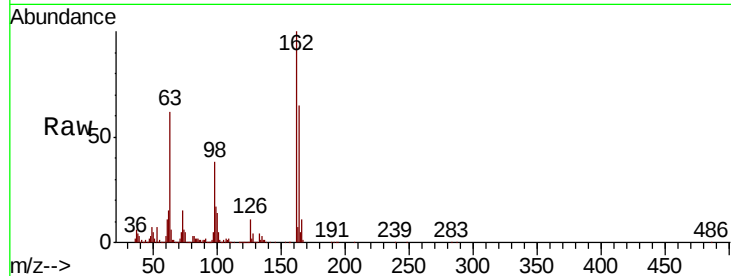
#29
2,4-Dichlorophenol
Concen: 39.055 ng
RT: 10.45 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.1	46.0	86.0
98	38.1	19.2	59.2

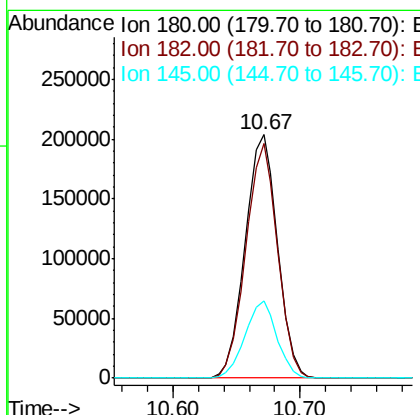
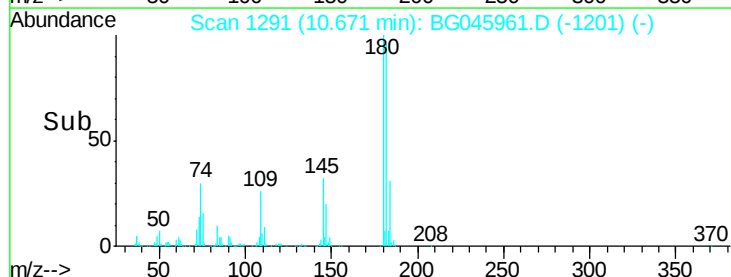
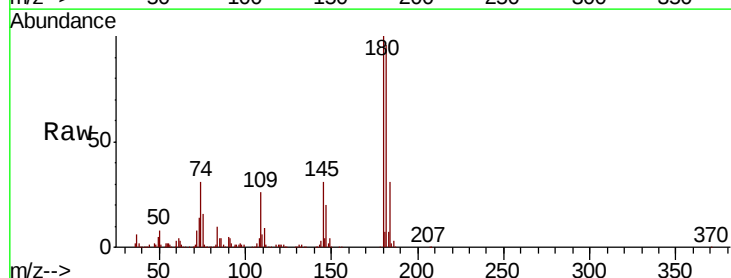
Manual Integrations
APPROVED

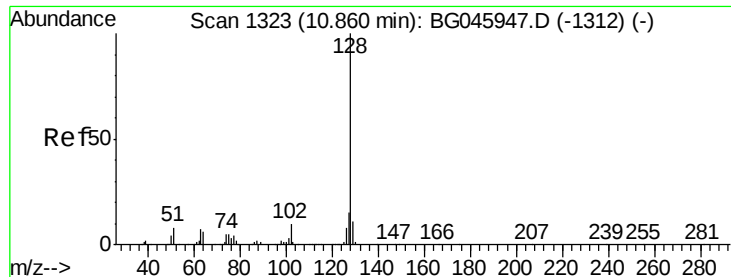
mohammad
7/9/2020 10:55:19 AM



#30
1,2,4-Trichlorobenzene
Concen: 39.766 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.1	76.3	114.5
145	31.5	24.8	37.2





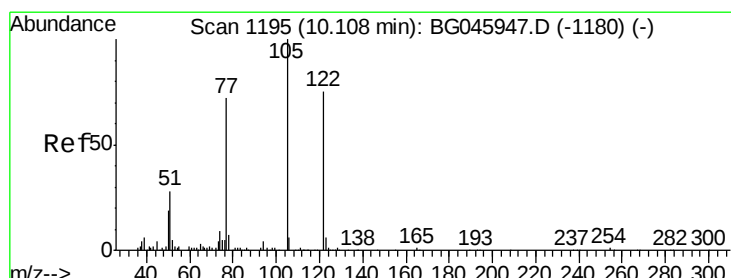
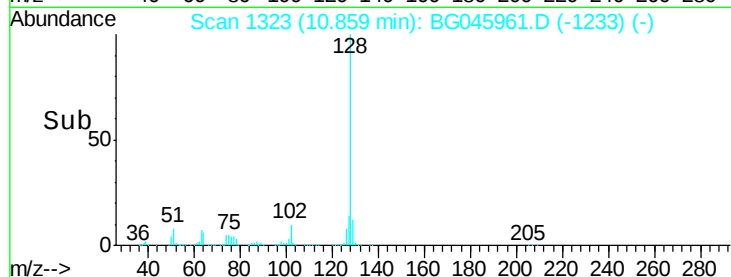
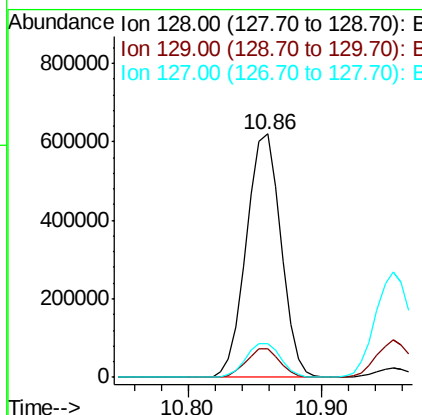
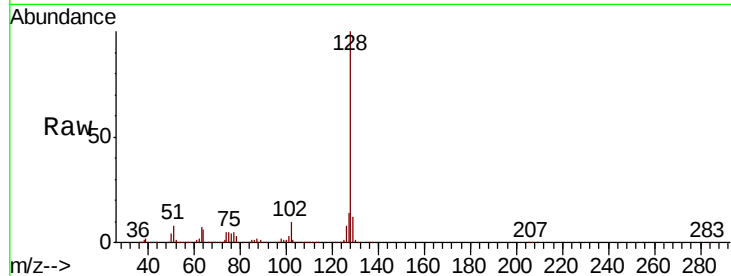
#31
Naphthalene
Concen: 39.500 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.2	13.8
127	13.9	11.8	17.6

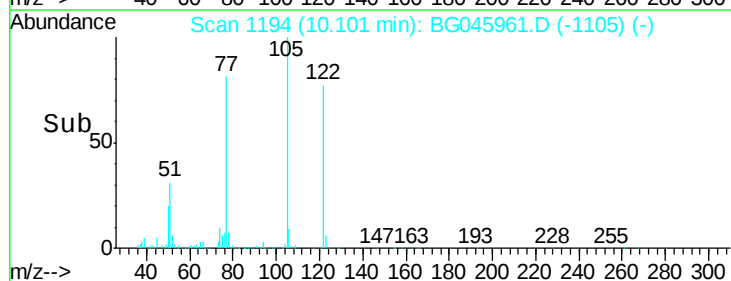
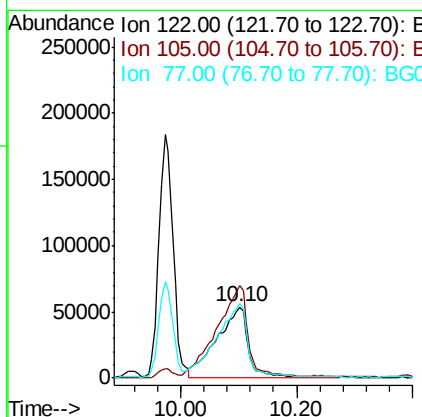
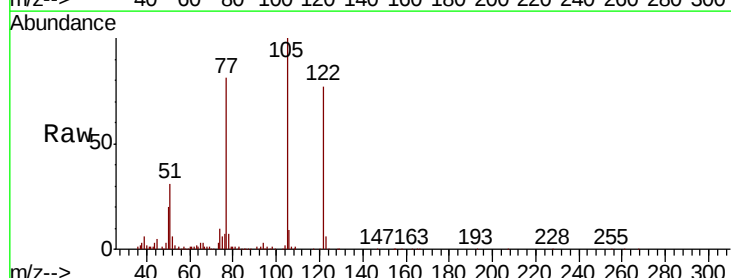
Manual Integrations
APPROVED

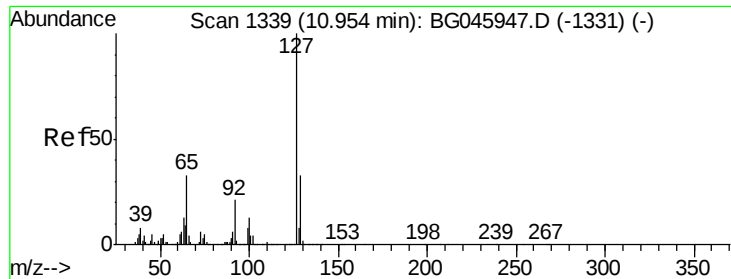
mohammad
7/9/2020 10:55:19 AM



#32
Benzoic acid
Concen: 42.867 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.2	110.8	150.8
77	104.7	76.4	116.4





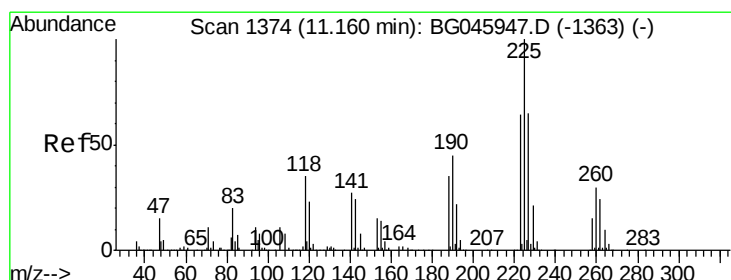
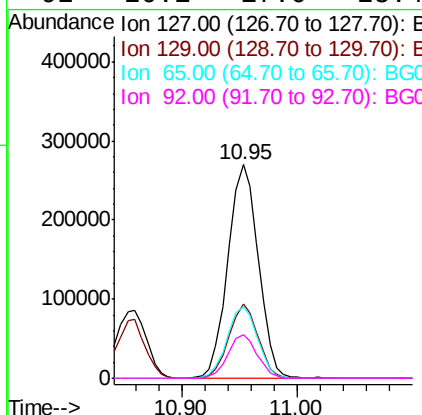
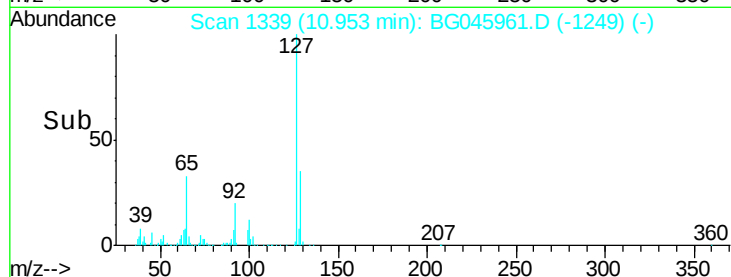
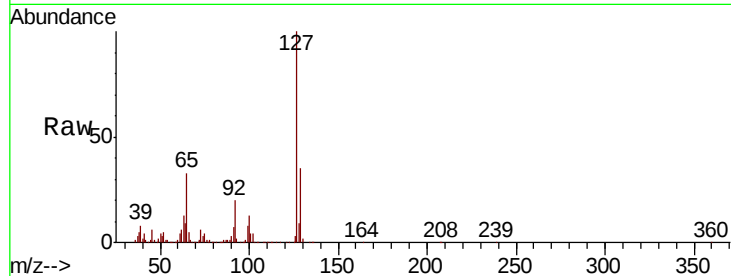
#33
4-Chloroaniline
Concen: 39.224 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.1	26.6	39.8		
65	33.5	26.8	40.2		
92	20.1	17.0	25.4		

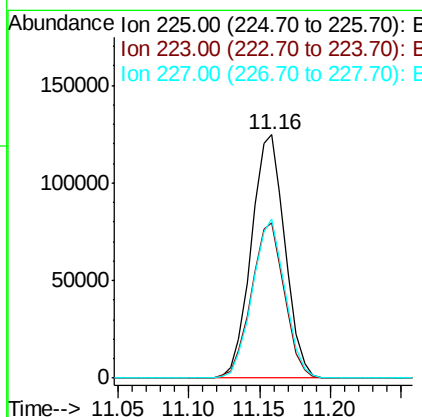
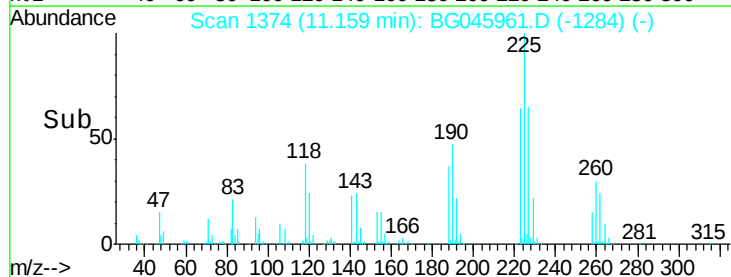
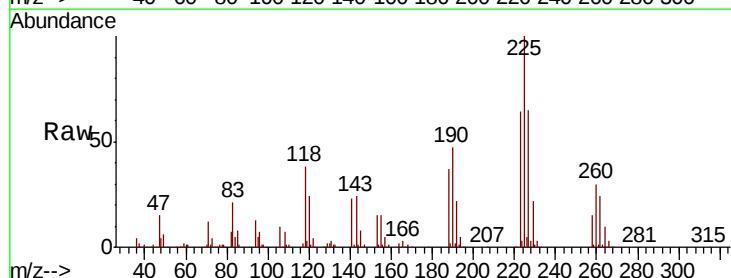
Manual Integrations
APPROVED

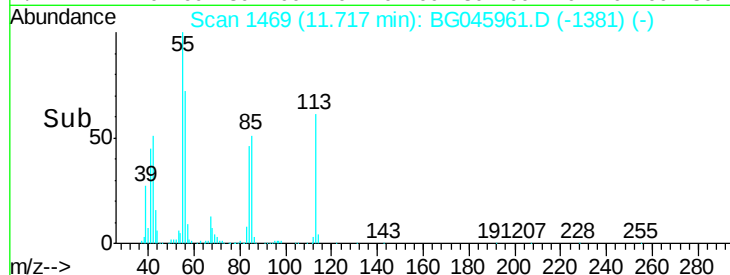
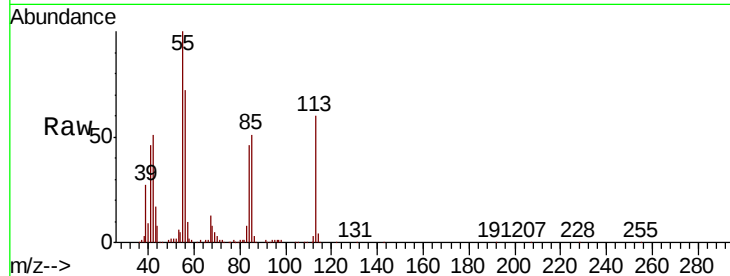
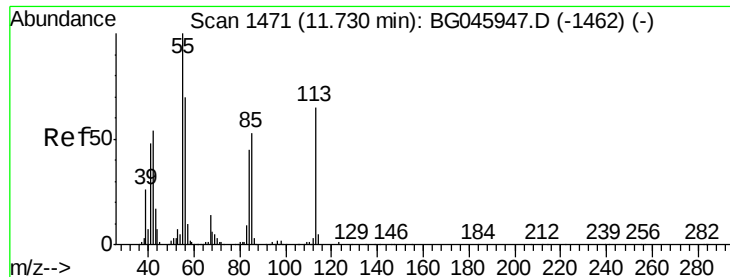
mohammad
7/9/2020 10:55:19 AM



#34
Hexachlorobutadiene
Concen: 39.307 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	51.2	76.8		
227	65.2	52.3	78.5		





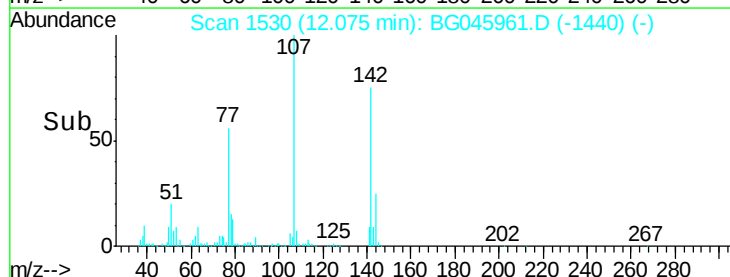
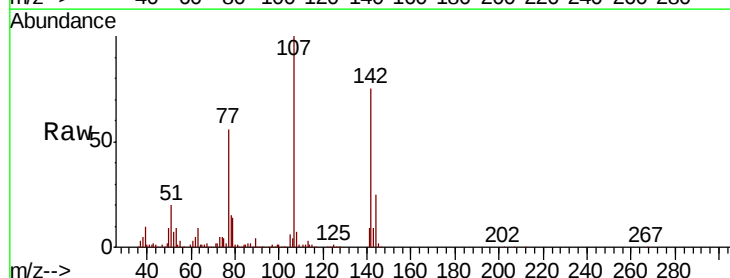
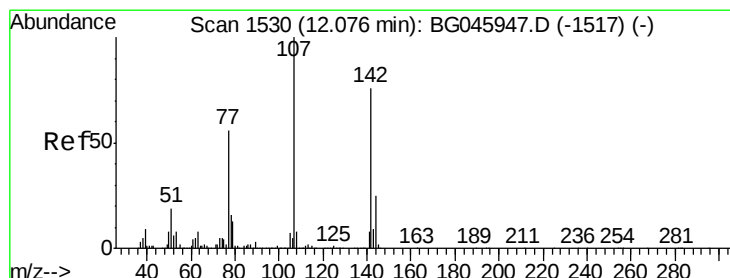
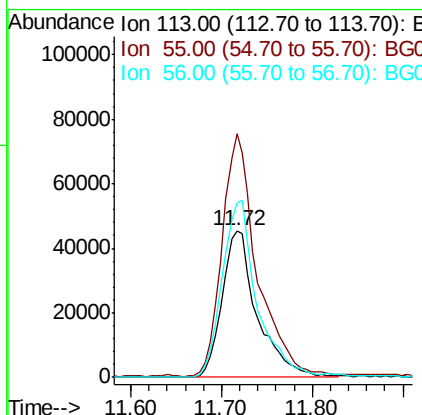
#35
Caprolactam
Concen: 39.224 ng
RT: 11.72 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.9	141.6	181.6
56	118.7	89.6	129.6

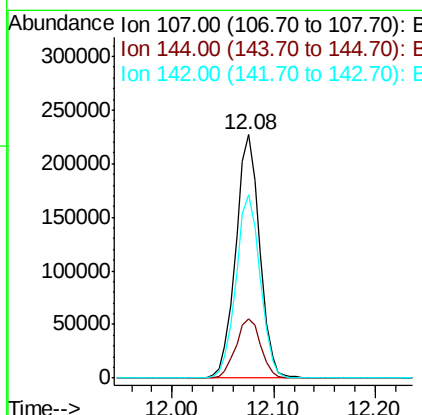
Manual Integrations
APPROVED

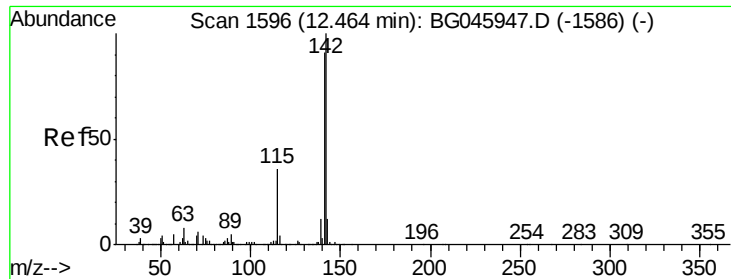
mohammad
7/9/2020 10:55:19 AM



#36
4-Chloro-3-methylphenol
Concen: 40.019 ng
RT: 12.08 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.0	30.0
142	75.3	61.1	91.7





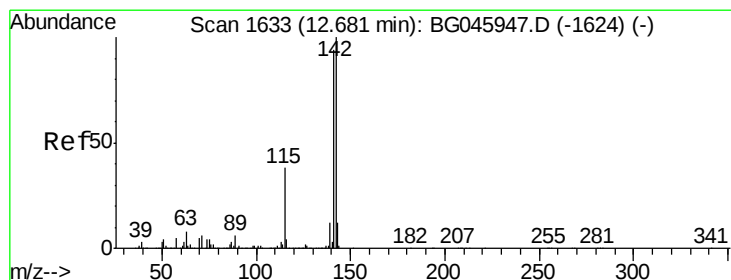
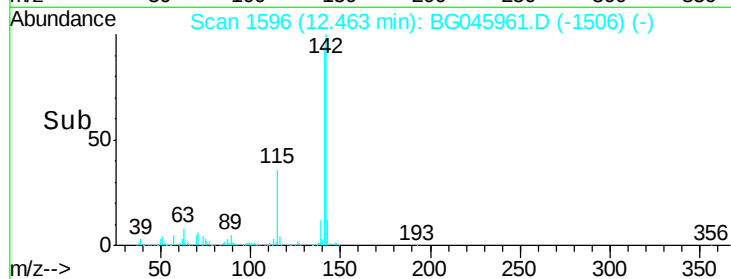
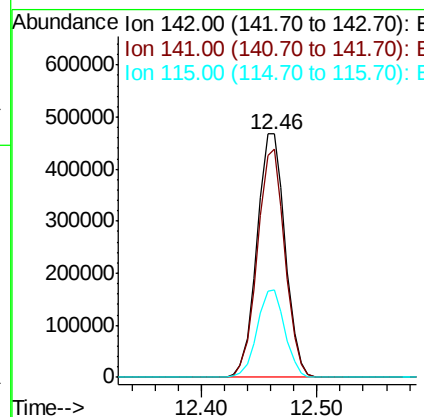
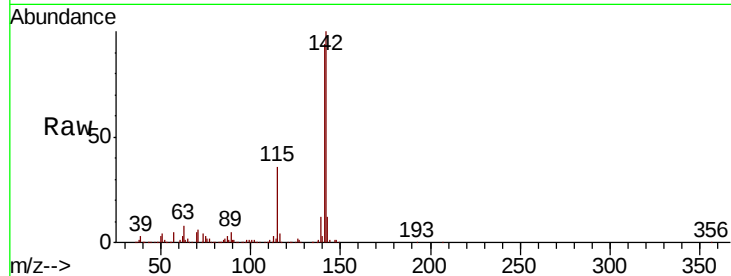
#37
2-Methylnaphthalene
Concen: 39.955 ng
RT: 12.46 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.0	109.6
115	35.8	28.8	43.2

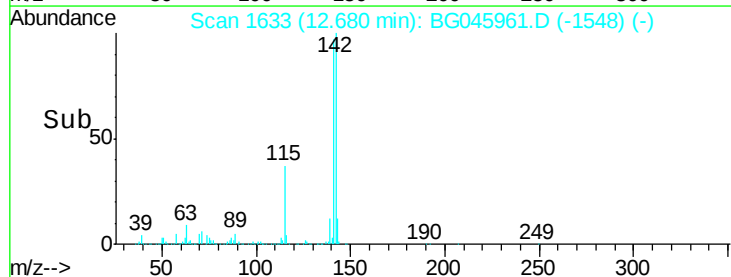
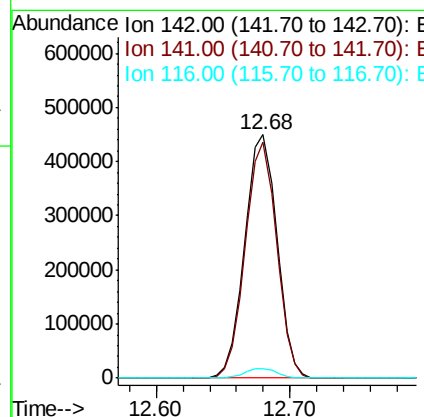
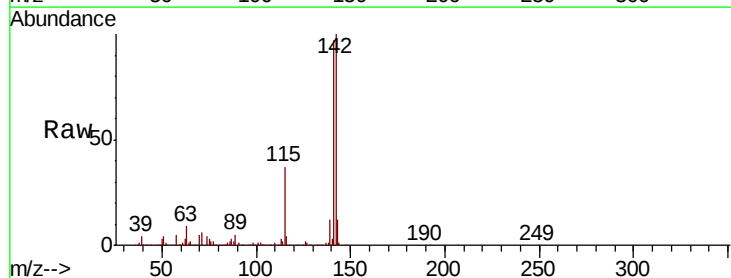
Manual Integrations
APPROVED

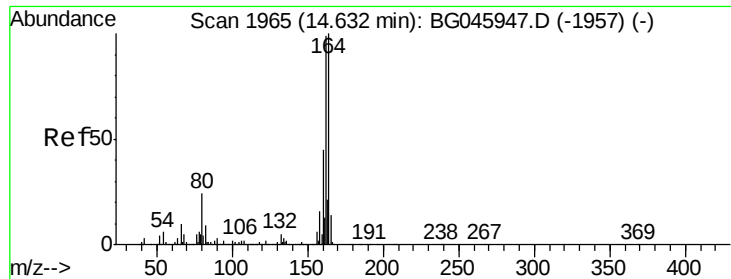
mohammad
7/9/2020 10:55:19 AM



#38
1-Methylnaphthalene
Concen: 39.787 ng
RT: 12.68 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.9	75.2	112.8
116	4.1	3.1	4.7





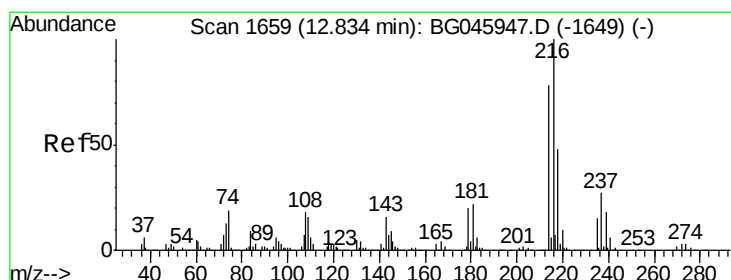
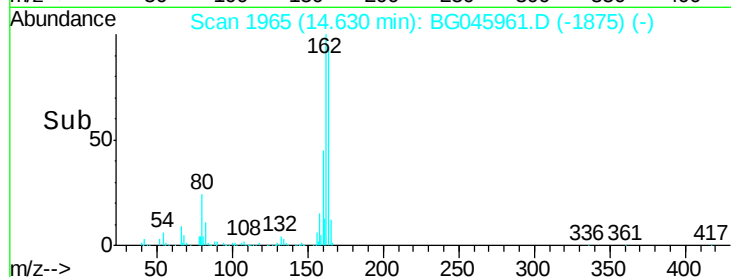
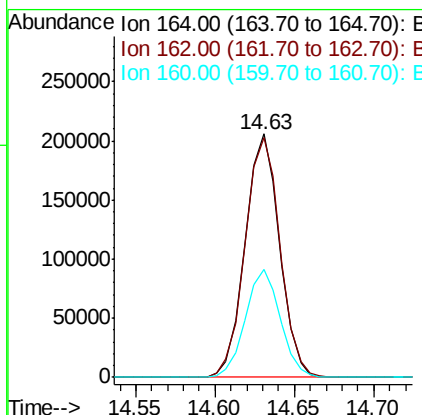
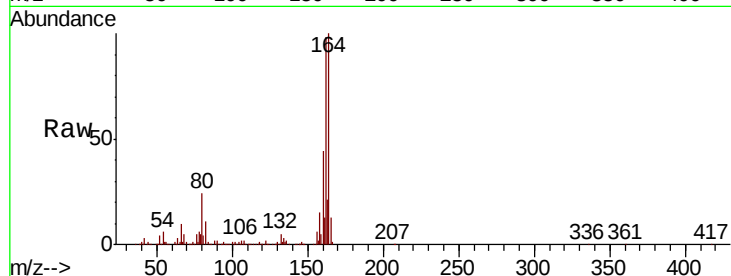
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.3	118.9
160	44.4	35.7	53.5

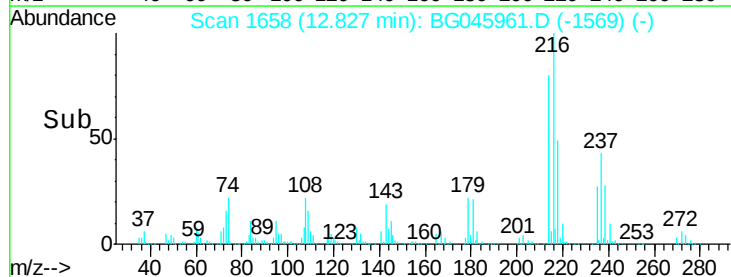
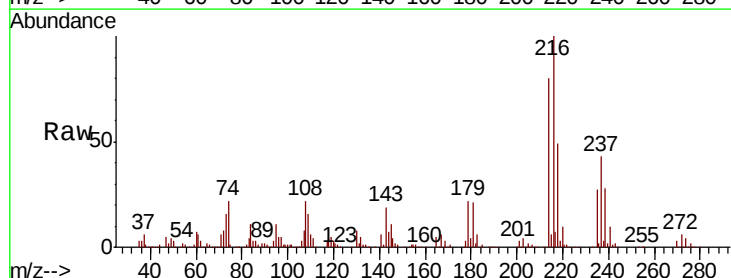
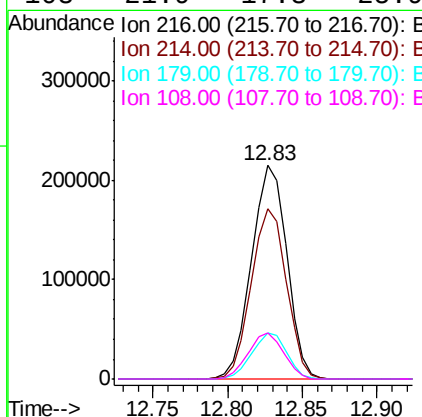
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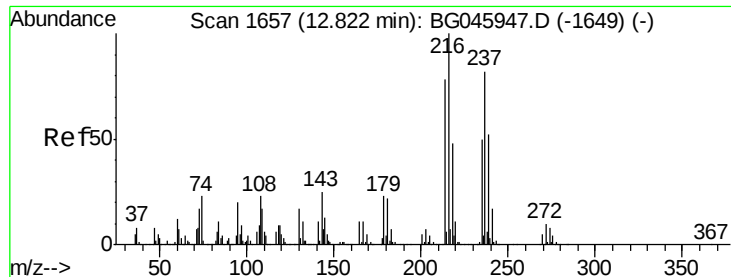
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.215 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	21.2	17.0	25.6
108	21.9	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 39.251 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

Instrument :

BNA_G

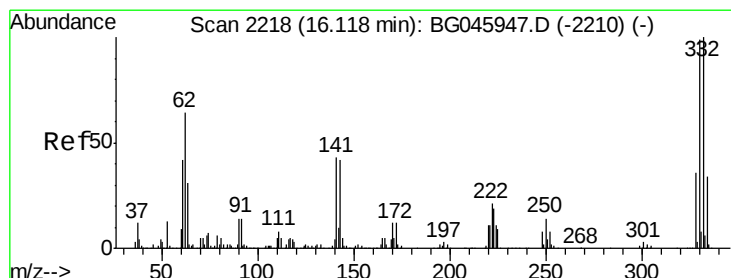
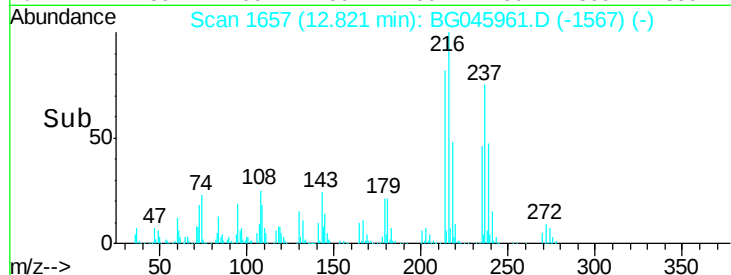
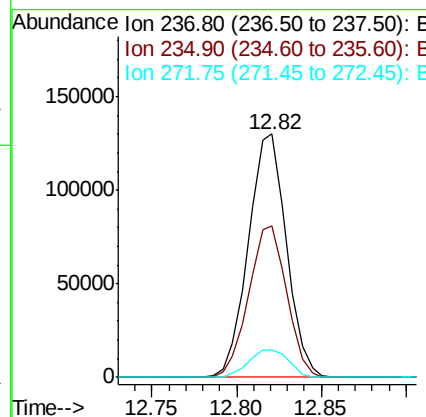
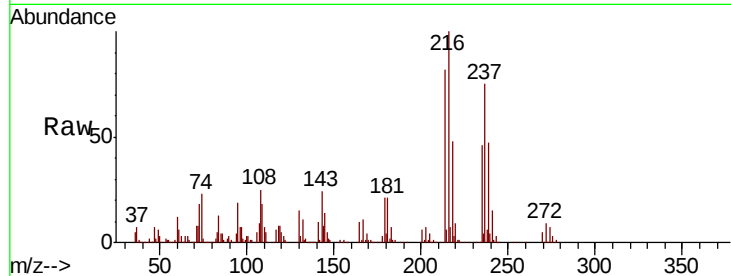
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	203166
Ion Ratio	Lower	Upper	
237	100		
235	62.0	41.5	81.5
272	11.3	0.0	31.7

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 84.284 ng

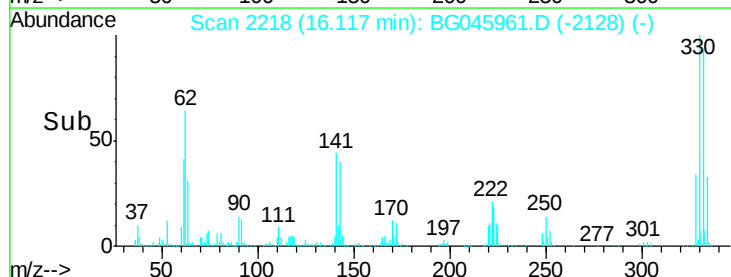
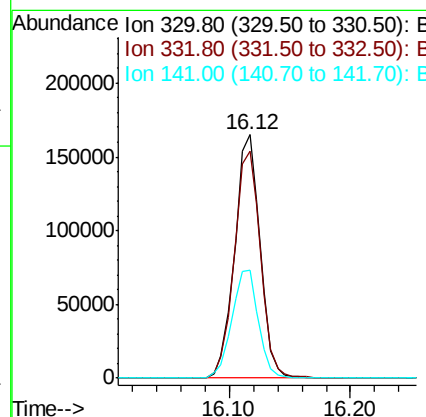
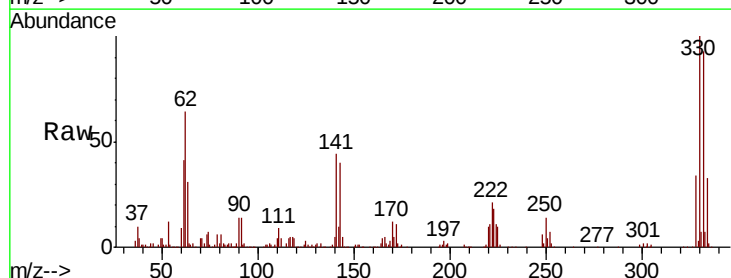
RT: 16.12 min Scan# 2218

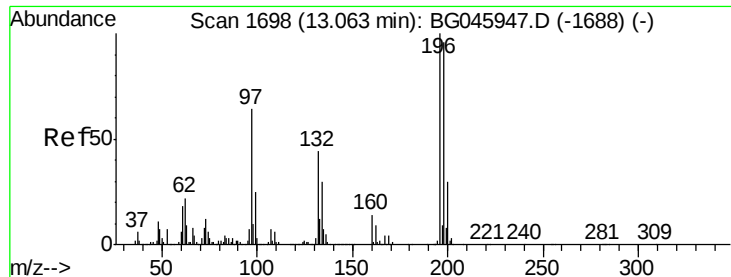
Delta R.T. -0.00 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

Tgt Ion:	330	Resp:	242070
Ion Ratio	Lower	Upper	
330	100		
332	96.1	78.3	117.5
141	46.3	36.6	54.8





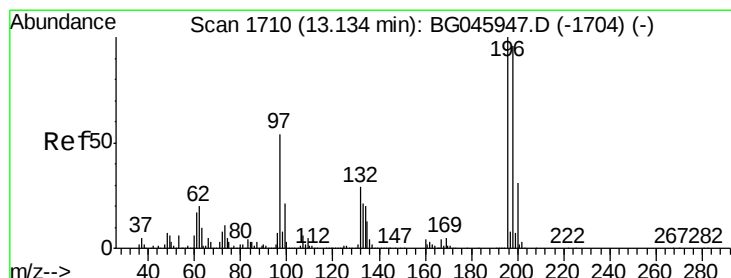
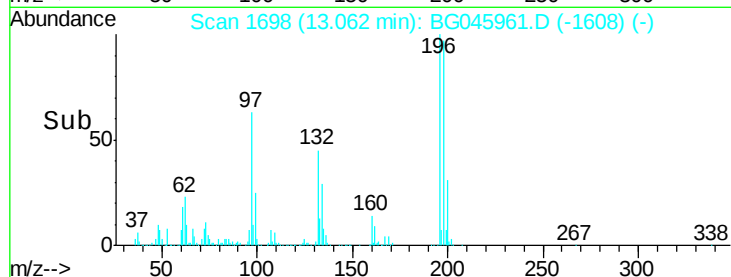
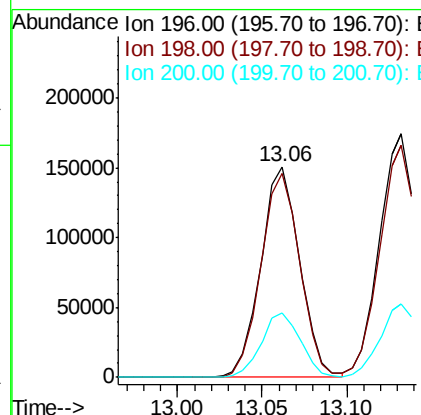
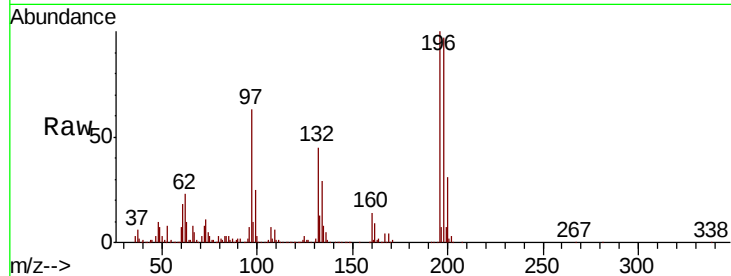
#43
 2,4,6-Trichlorophenol
 Concen: 40.734 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG045961.D
 Acq: 7 Jul 2020 15:58

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	240315		
198	97.0	76.7	115.1	
200	30.7	24.3	36.5	

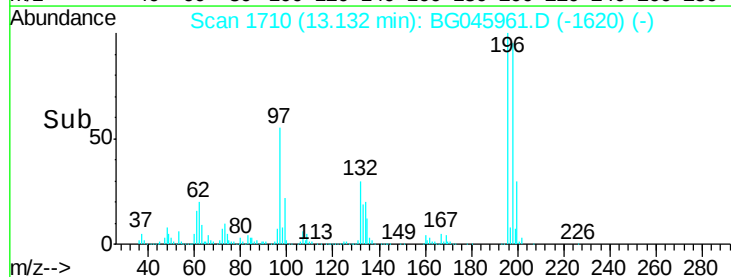
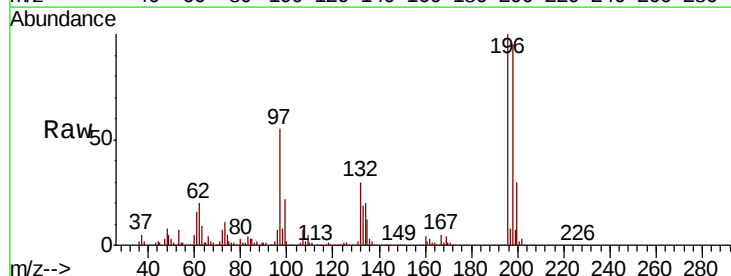
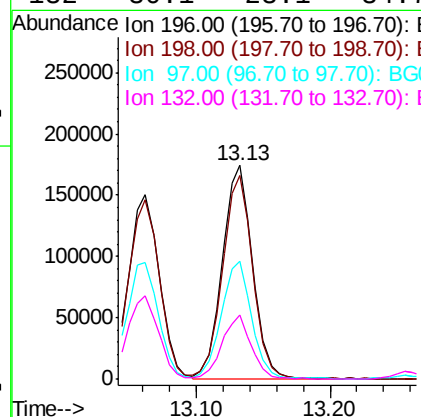
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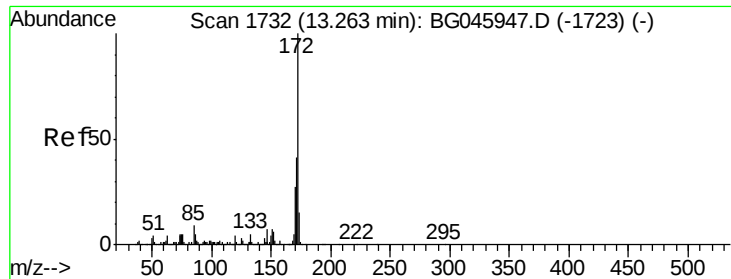
mohammad
 7/9/2020 10:55:19 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.268 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG045961.D
 Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	275276		
198	95.2	77.0	115.6	
97	55.4	44.3	66.5	
132	30.1	23.1	34.7	





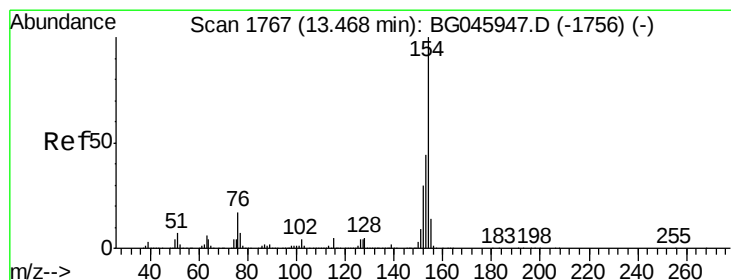
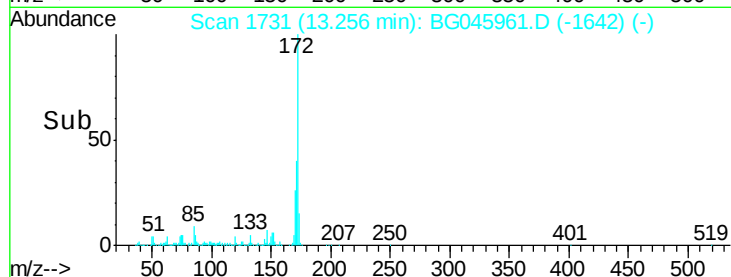
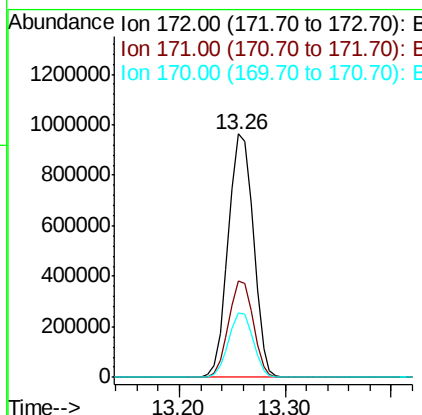
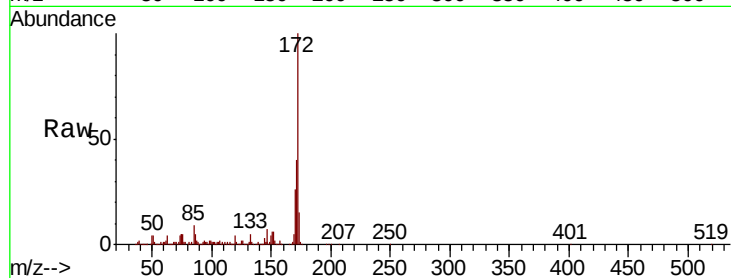
#45
2-Fluorobiphenyl
Concen: 79.886 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.6	32.9	49.3
170	26.3	21.8	32.6

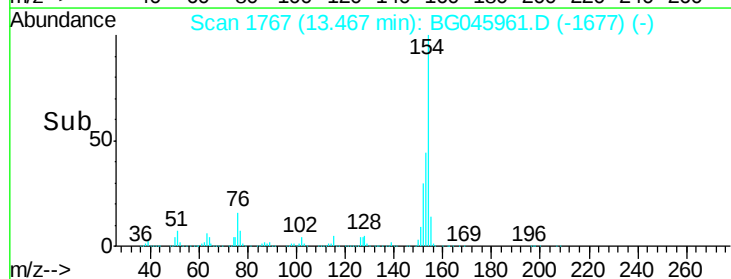
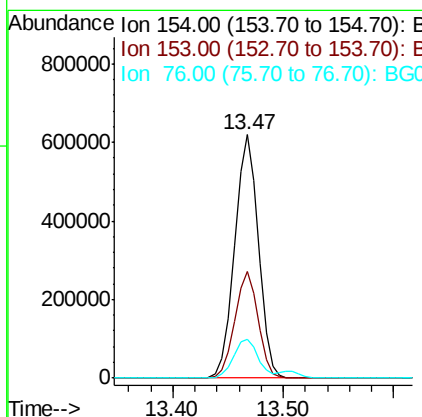
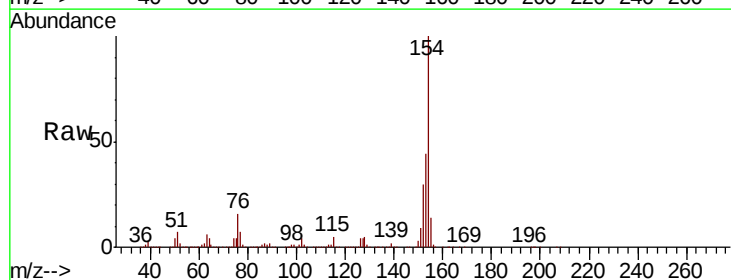
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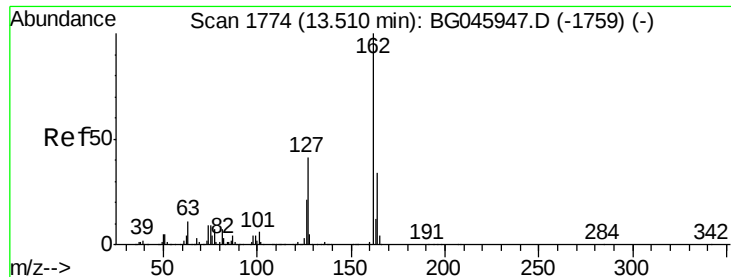
mohammad
7/9/2020 10:55:19 AM



#46
1,1'-Biphenyl
Concen: 40.170 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.7	23.6	63.6
76	16.0	0.0	36.9





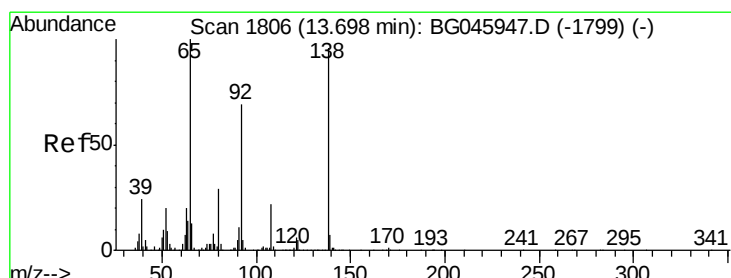
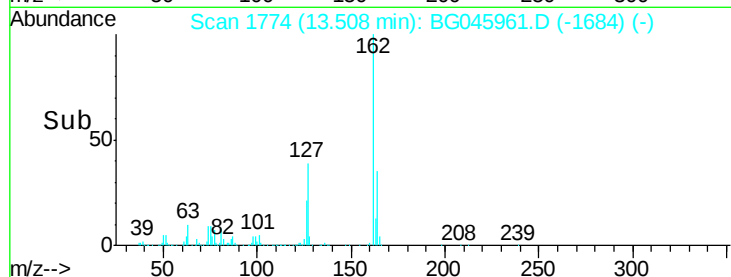
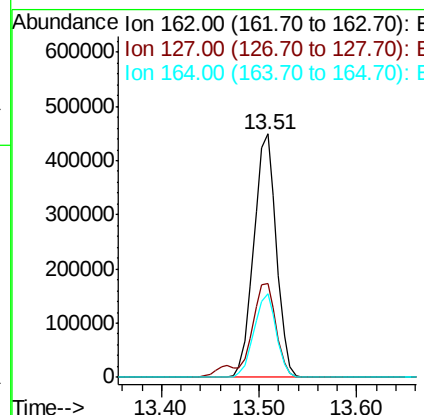
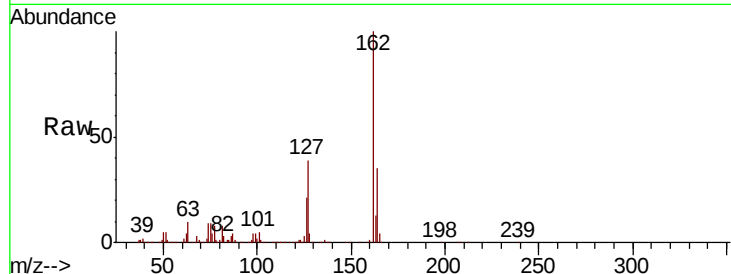
#47
2-Chloronaphthalene
Concen: 39.674 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	32.5	48.7
164	34.5	27.2	40.8

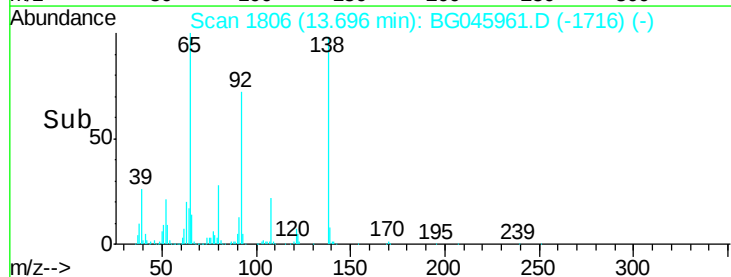
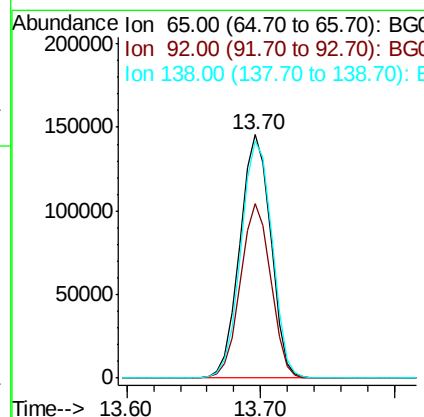
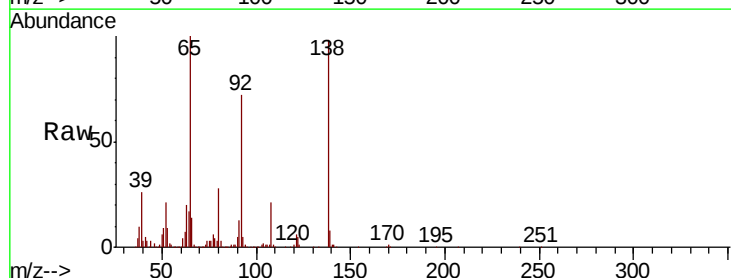
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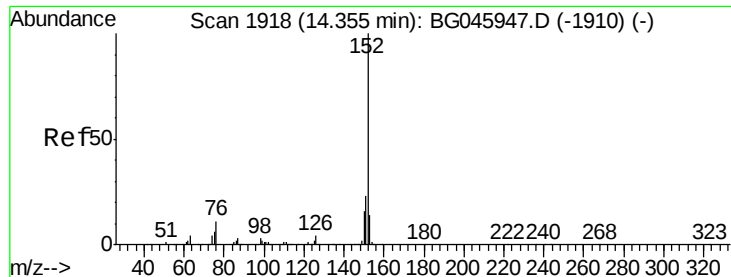
mohammad
7/9/2020 10:55:19 AM



#48
2-Nitroaniline
Concen: 45.687 ng
RT: 13.70 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	55.4	83.0
138	97.6	77.0	115.4





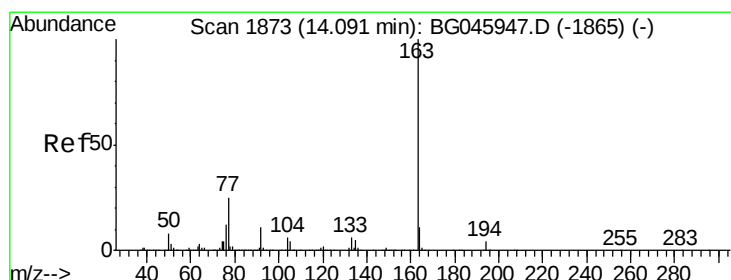
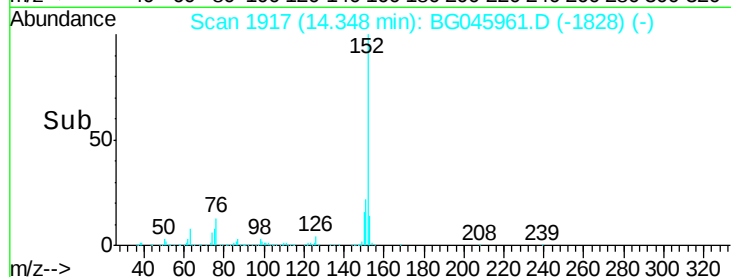
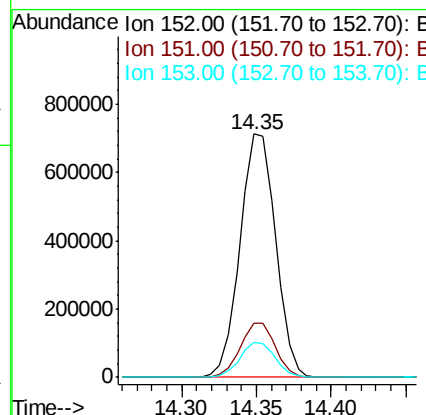
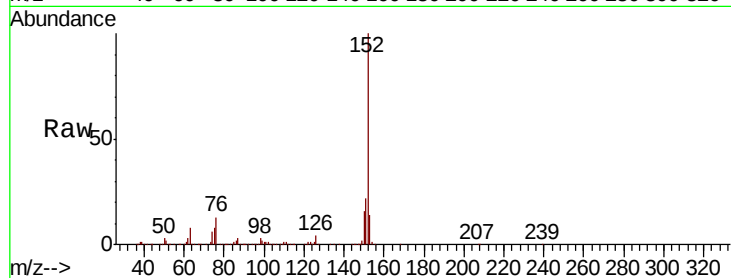
#49
Acenaphthylene
Concen: 39.849 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.2	18.1	27.1
153	14.5	11.5	17.3

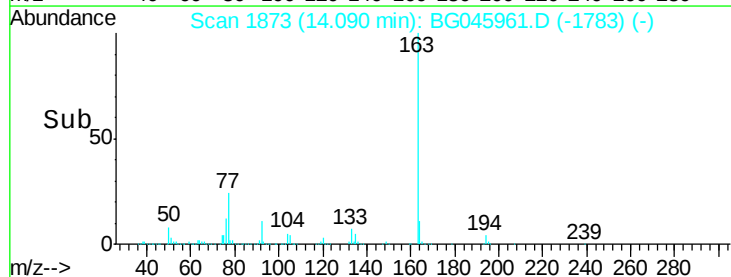
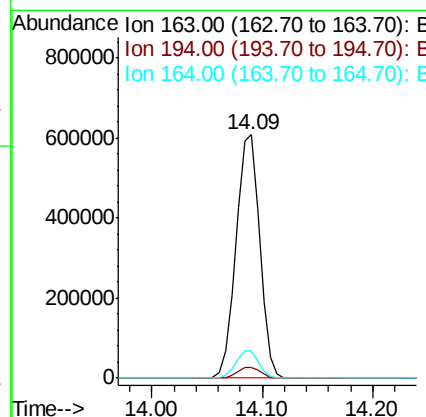
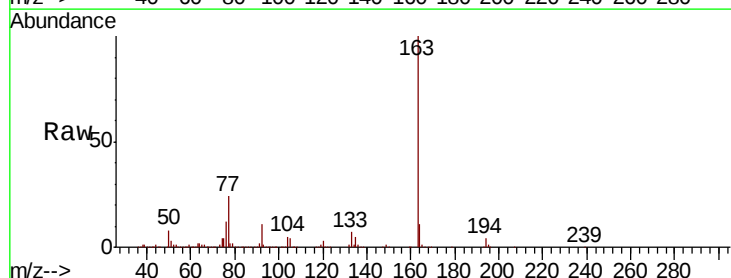
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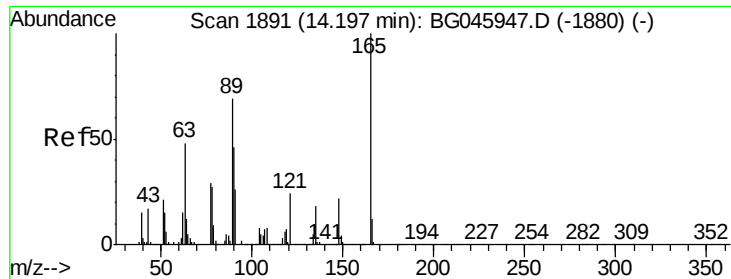
mohammad
7/9/2020 10:55:19 AM



#50
Dimethylphthalate
Concen: 39.534 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	11.3	8.9	13.3





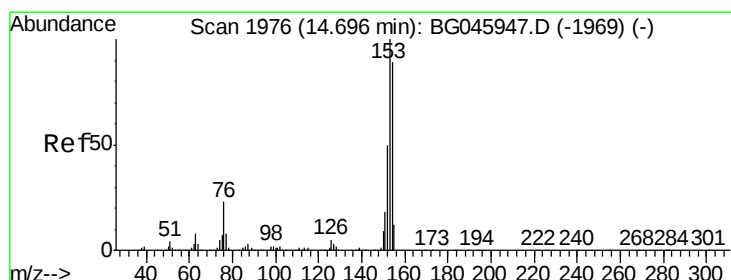
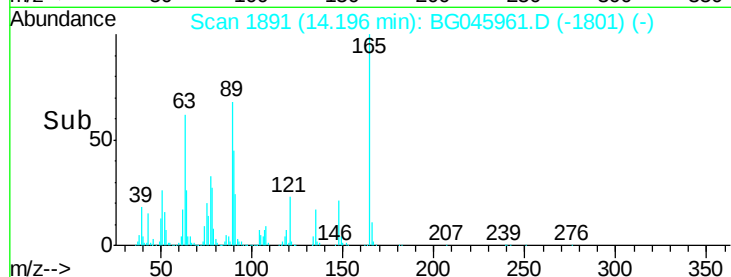
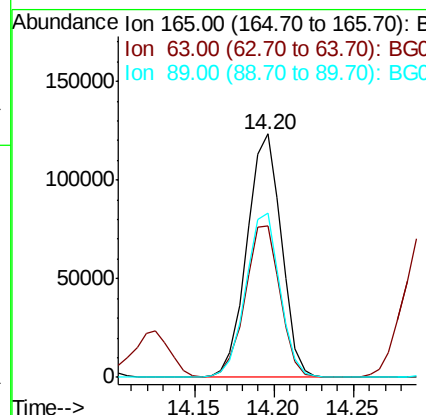
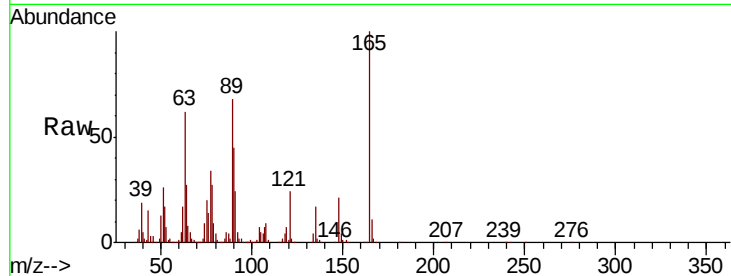
#51
2,6-Dinitrotoluene
Concen: 44.887 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.3	51.0	76.4
89	67.7	55.7	83.5

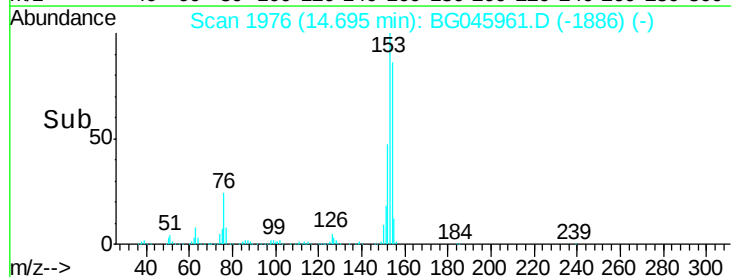
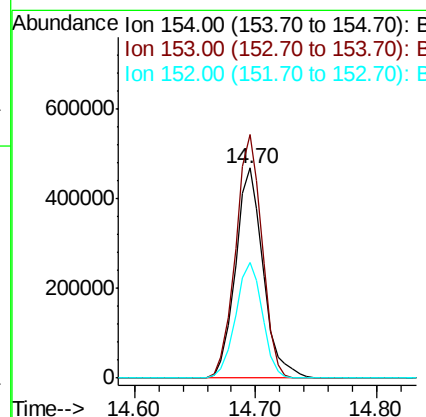
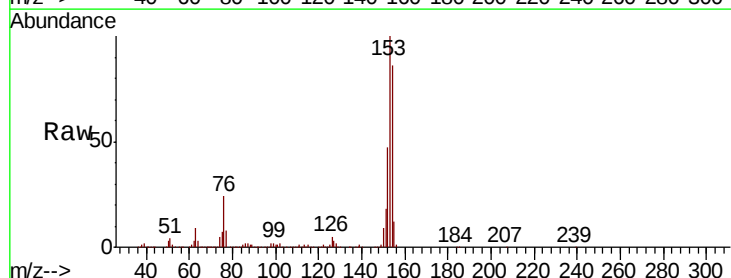
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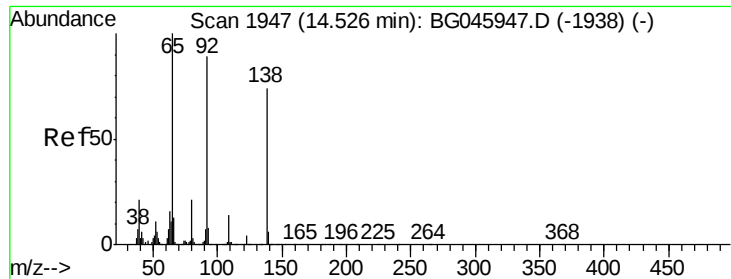
mohammad
7/9/2020 10:55:19 AM



#52
Acenaphthene
Concen: 39.923 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.0	89.7	134.5
152	54.9	44.7	67.1





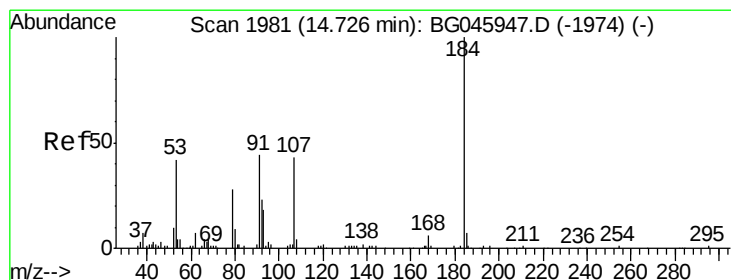
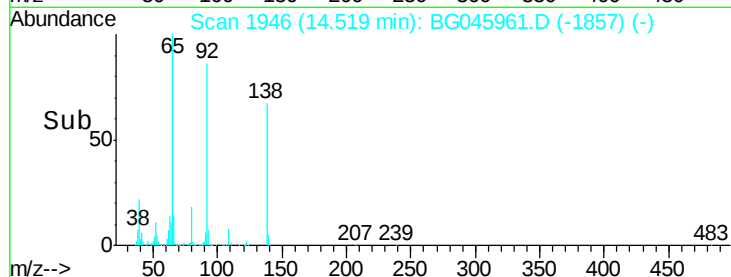
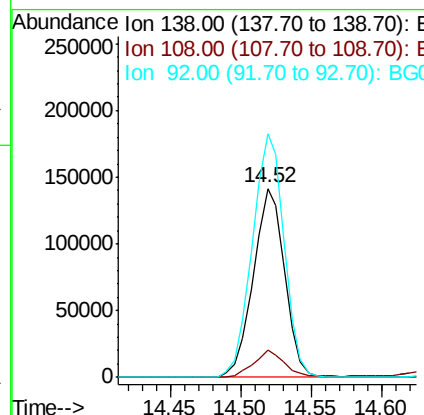
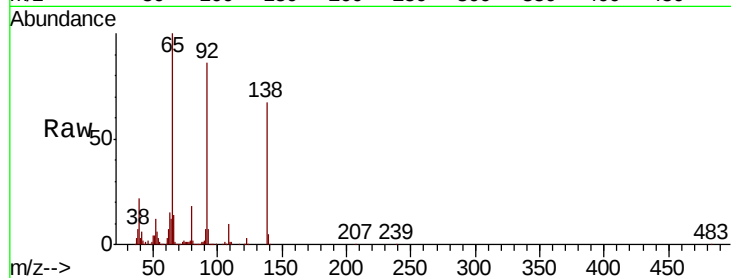
#53
3-Nitroaniline
Concen: 43.535 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.2	15.4	23.2#
92	128.9	95.9	143.9

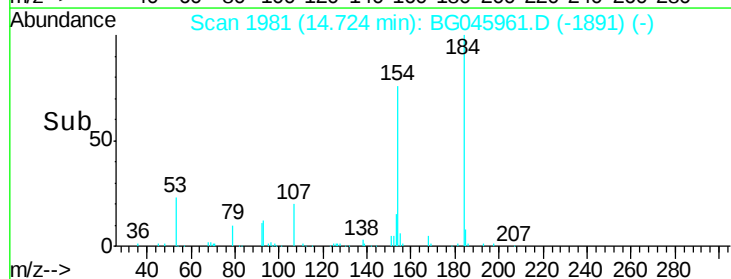
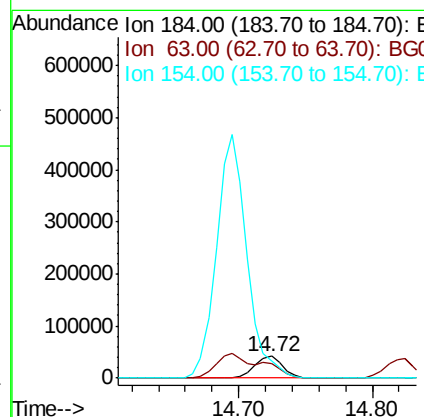
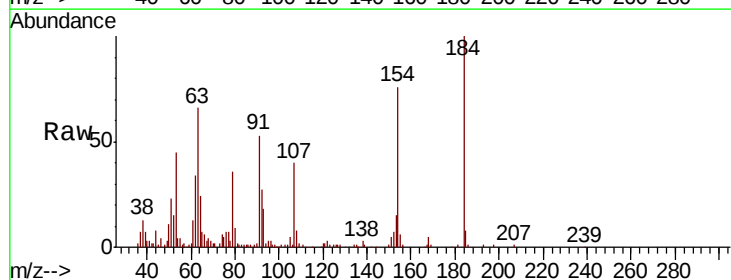
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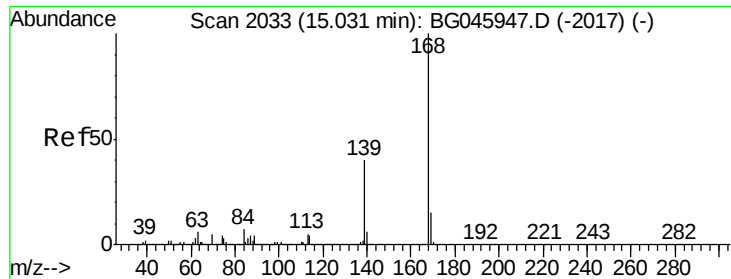
mohammad
7/9/2020 10:55:19 AM



#54
2,4-Dinitrophenol
Concen: 43.194 ng
RT: 14.72 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.7	46.0	69.0
154	76.2	58.2	87.2





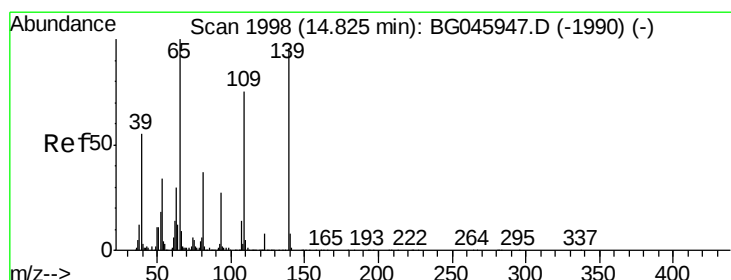
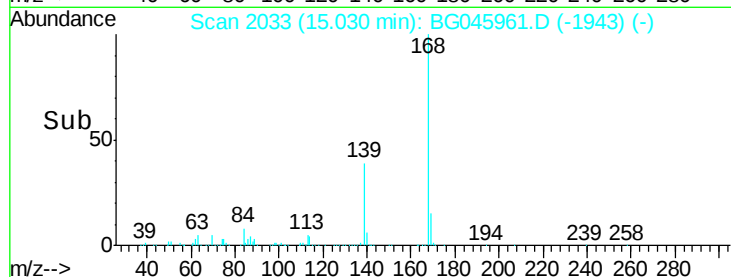
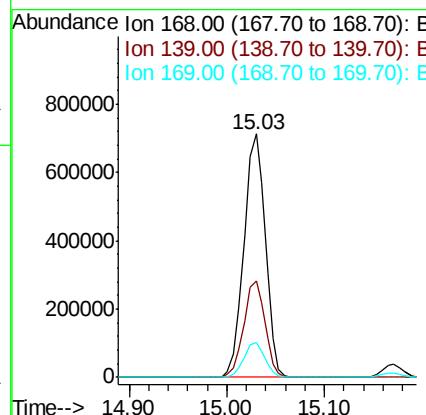
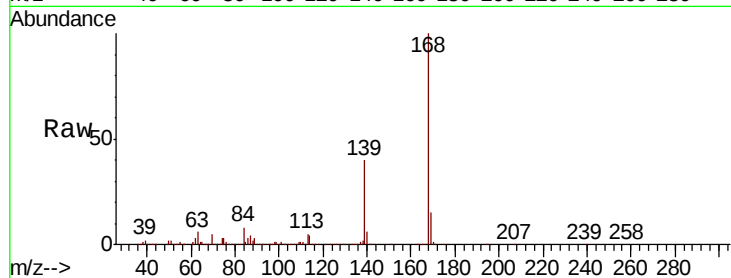
#55
Dibenzofuran
Concen: 39.719 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	32.2	48.2
169	14.6	11.8	17.8

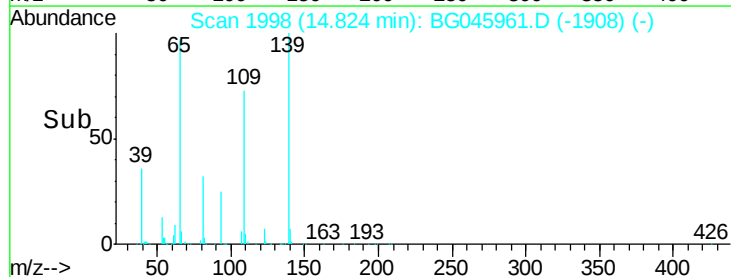
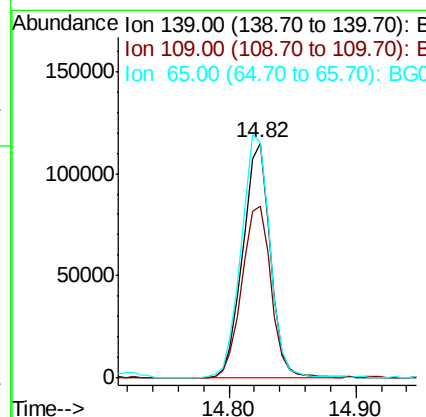
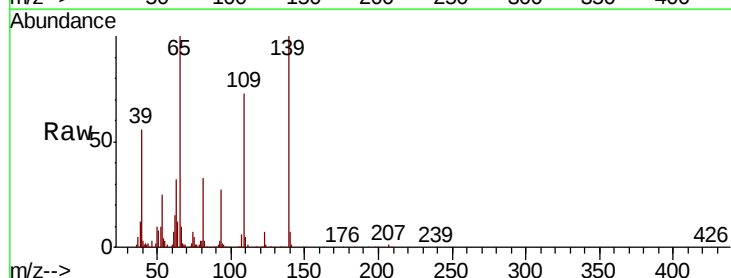
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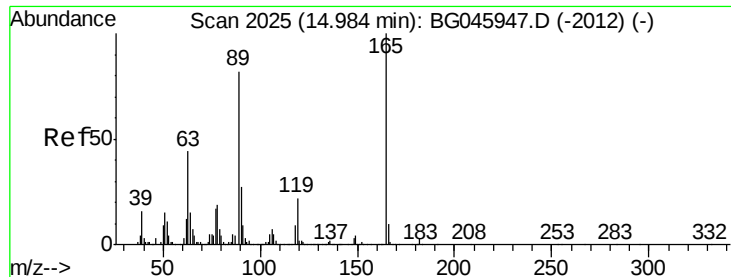
mohammad
7/9/2020 10:55:19 AM



#56
4-Nitrophenol
Concen: 45.800 ng
RT: 14.82 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.9	58.5	98.5
65	100.2	84.7	124.7





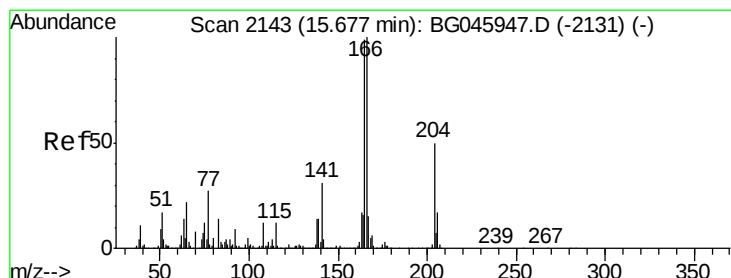
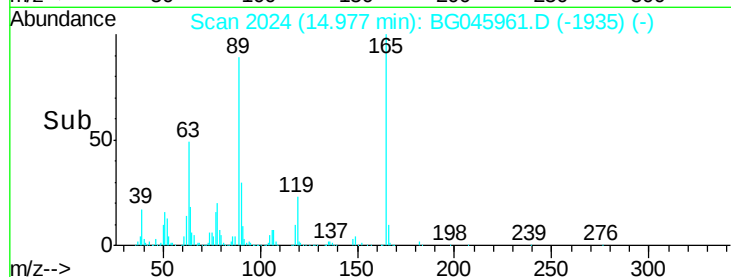
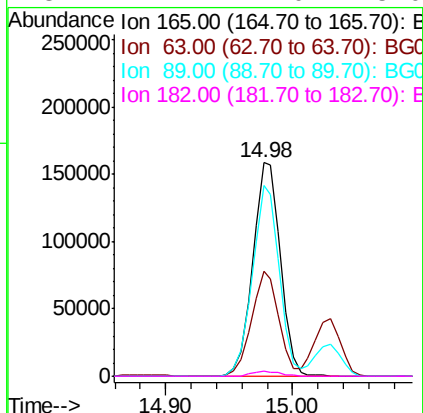
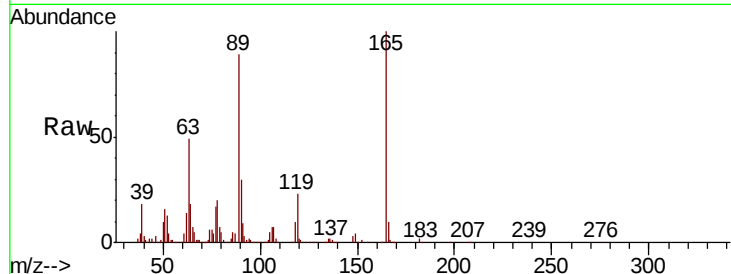
#57
2,4-Dinitrotoluene
Concen: 45.428 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	240925		
63	49.2		35.4	53.0
89	89.2		65.4	98.2
182	2.2		2.0	3.0

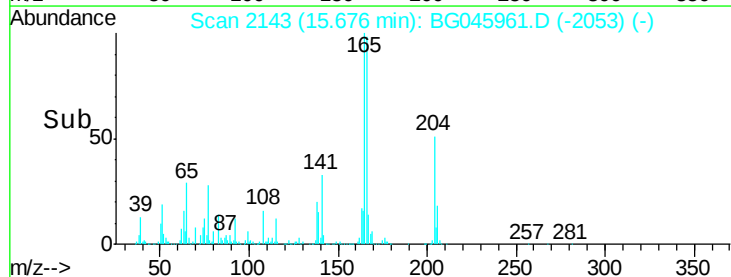
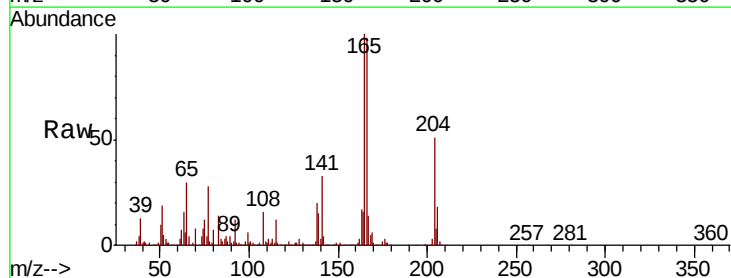
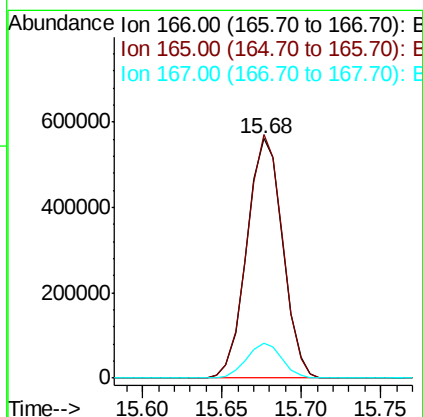
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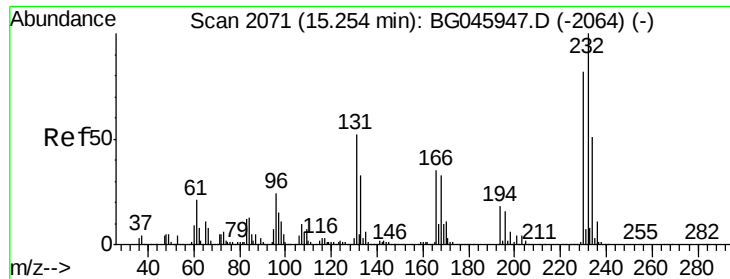
mohammad
7/9/2020 10:55:19 AM



#58
Fluorene
Concen: 39.346 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	884398		
165	101.7		78.9	118.3
167	14.6		12.1	18.1





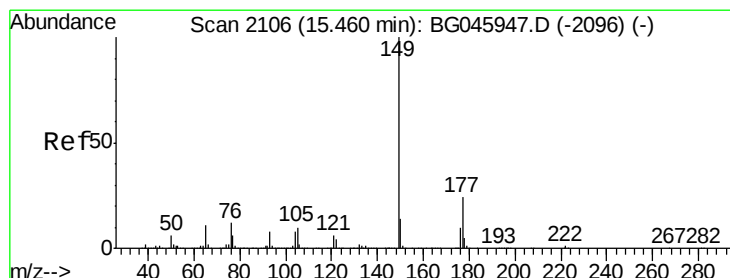
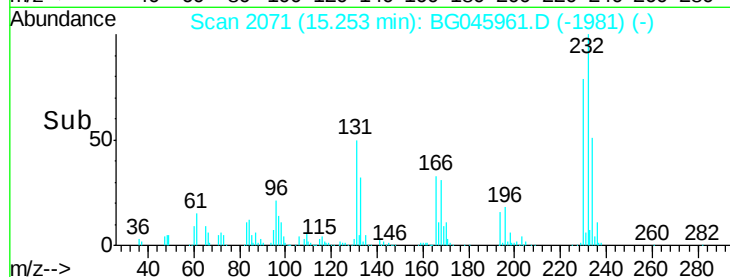
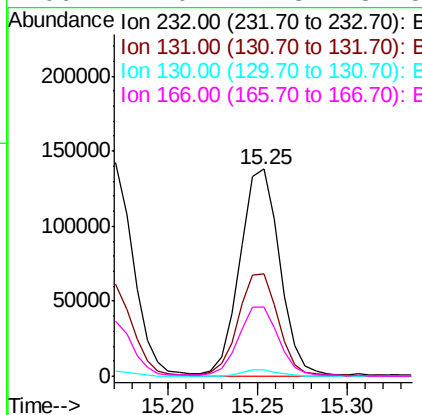
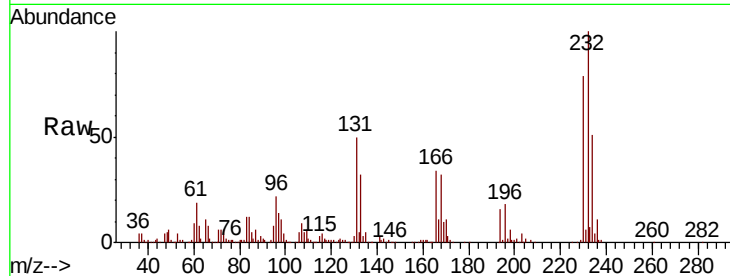
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.807 ng/ml
 RT: 15.25 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: BG045961.D
 Acq: 7 Jul 2020 15:58

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		215313		
131	45.3	35.8	53.6		
130	2.7	2.5	3.7		
166	27.0	21.8	32.8		

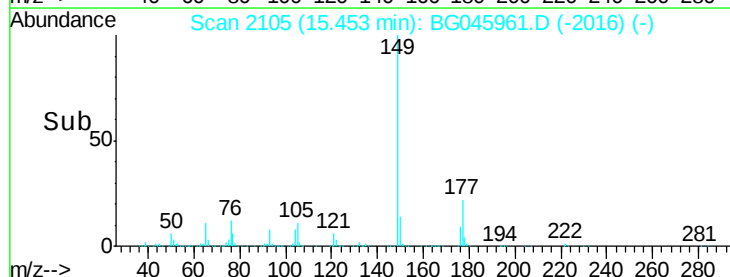
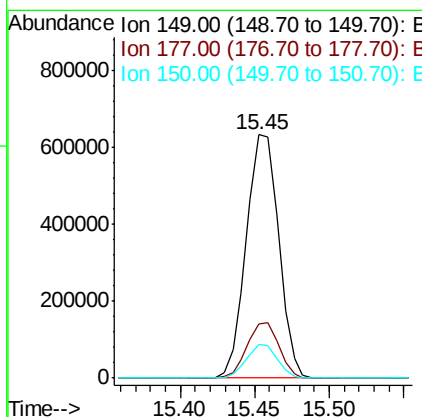
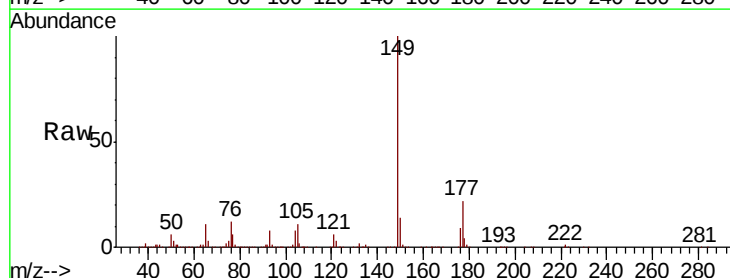
Manual Integrations
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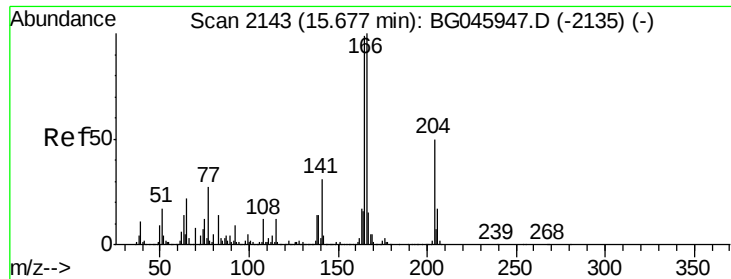
mohammad
 7/9/2020 10:55:19 AM



#60
 Diethylphthalate
 Concen: 39.085 ng
 RT: 15.45 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG045961.D
 Acq: 7 Jul 2020 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		951938		
177	22.4	19.0	28.4		
150	13.8	11.0	16.4		





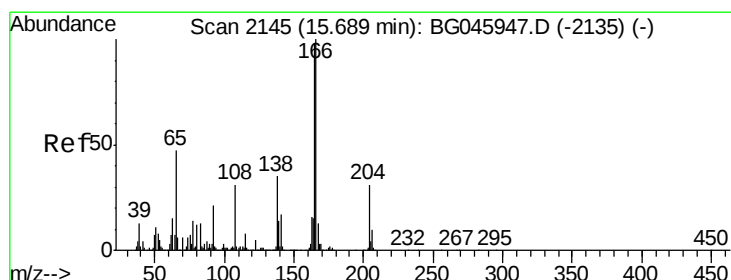
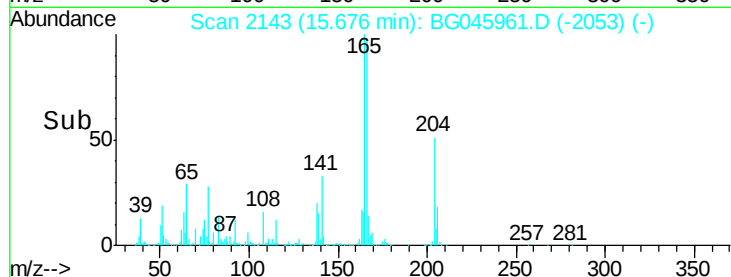
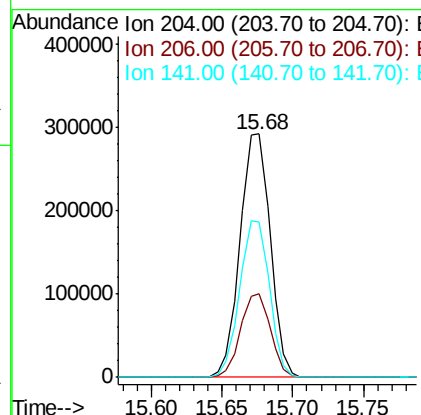
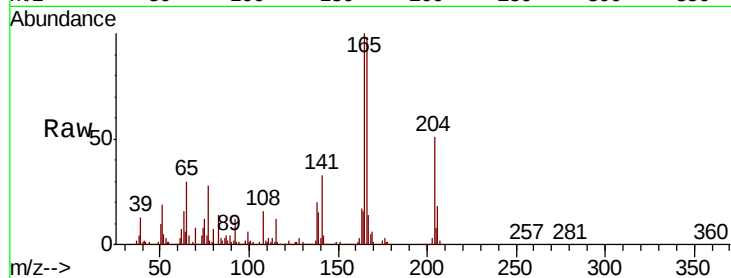
#61
4-Chlorophenyl-phenylether
Concen: 39.110 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.1	40.7
141	63.8	49.8	74.8

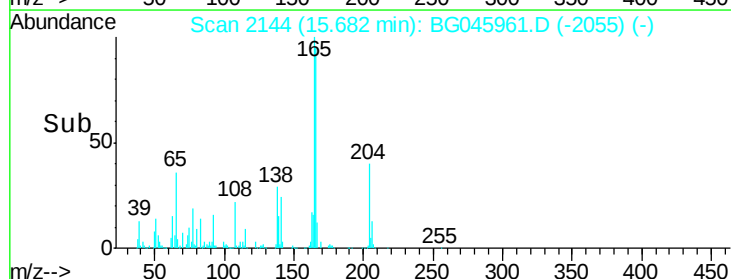
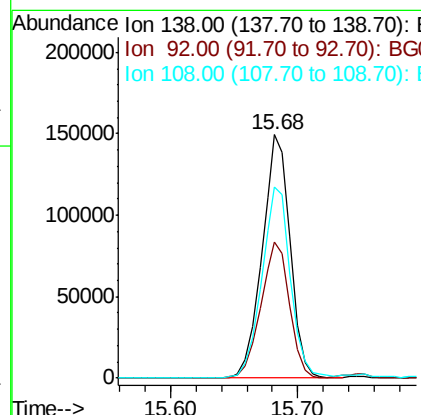
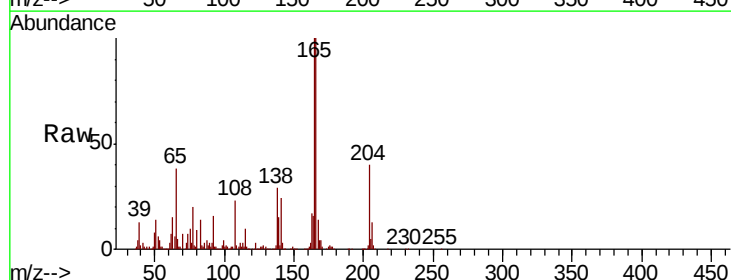
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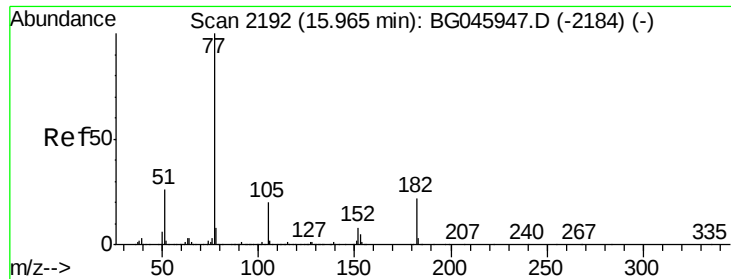
mohammad
7/9/2020 10:55:19 AM



#62
4-Nitroaniline
Concen: 47.570 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.7	40.3	80.3
108	78.3	68.0	108.0





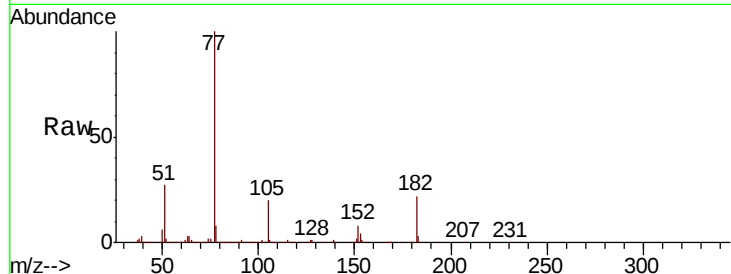
#63
Azobenzene
Concen: 40.157 ng
RT: 15.96 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.0	2.4	42.4	
105	20.2	0.3	40.3	
51	27.1	6.3	46.3	

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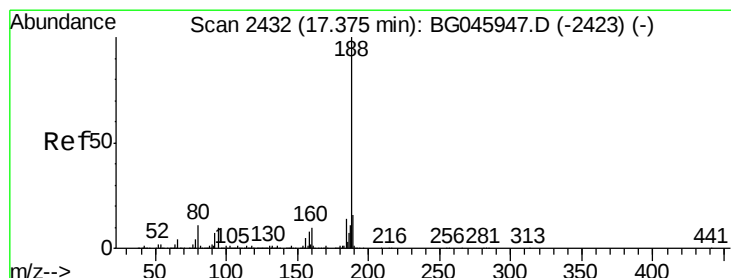
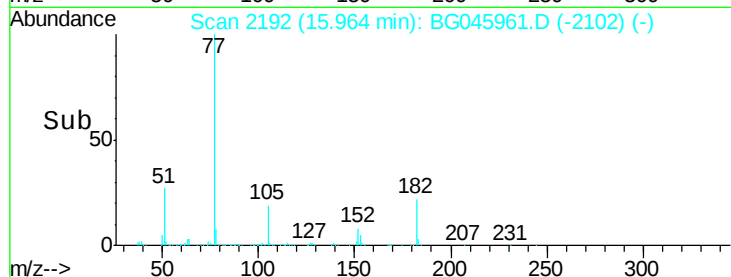
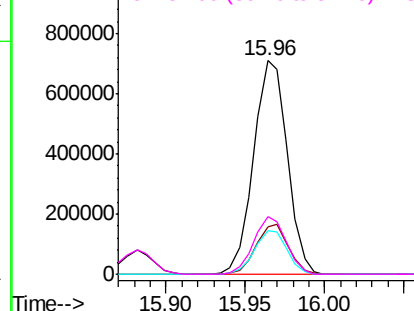
Abundance

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# 2432
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

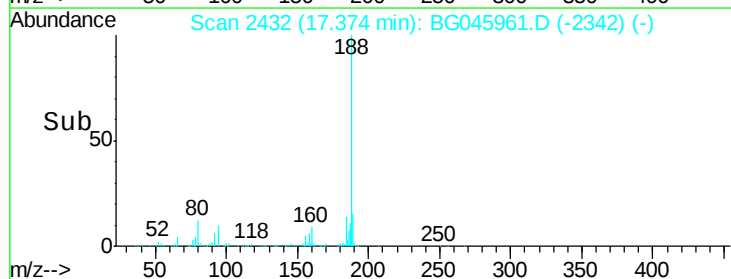
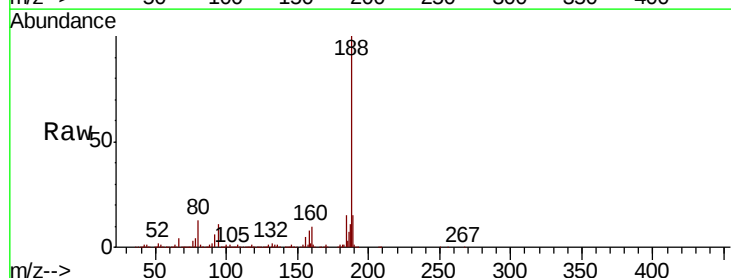
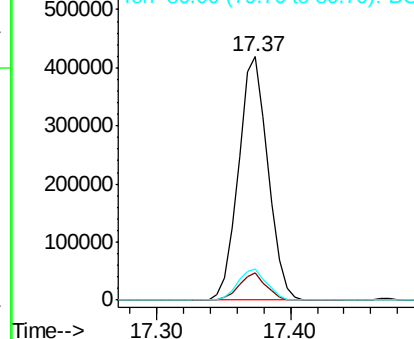
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.2	8.2	12.4	
80	12.6	9.0	13.6	

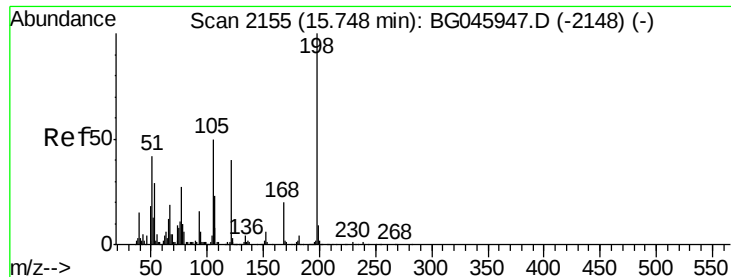
Abundance

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: 43.995 ng

RT: 15.75 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 95075

Ion Ratio Lower Upper

198 100

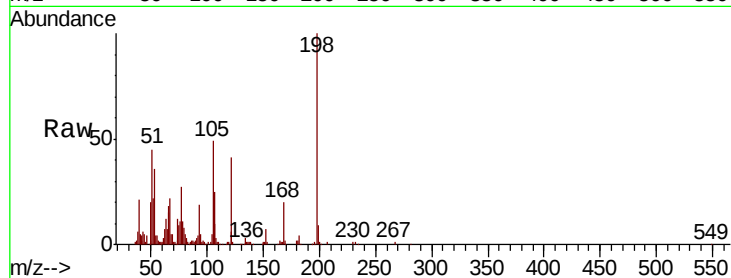
51 45.2 24.5 64.5

105 48.9 30.9 70.9

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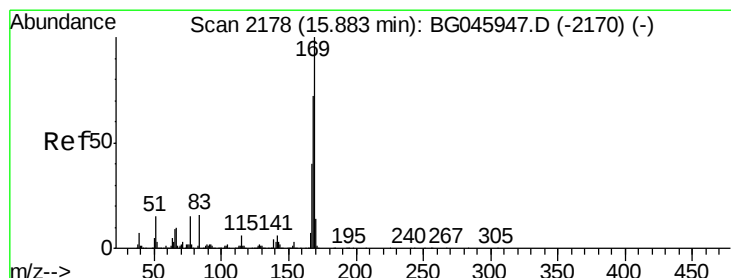
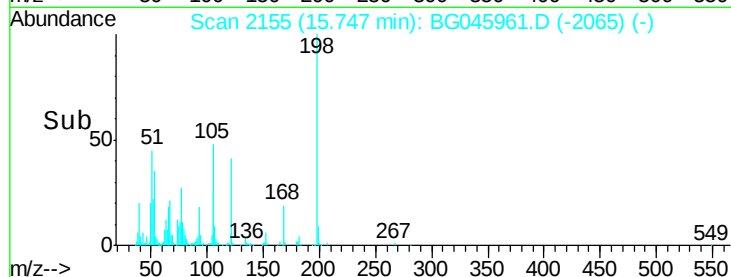
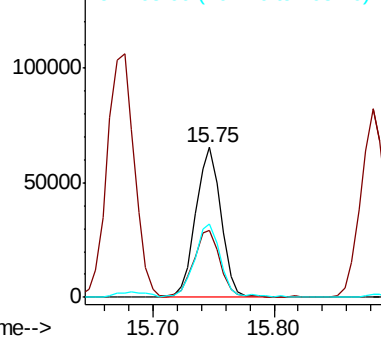
7/9/2020 10:55:19 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.774 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

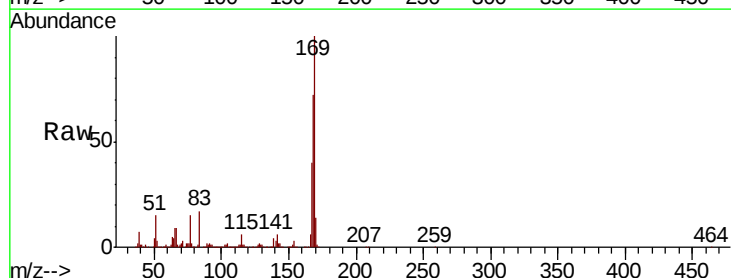
Tgt Ion:169 Resp: 785357

Ion Ratio Lower Upper

169 100

168 71.9 57.3 85.9

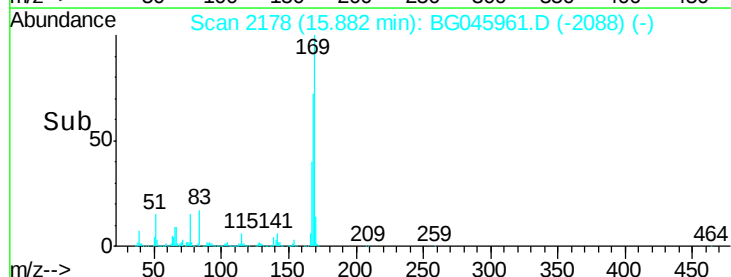
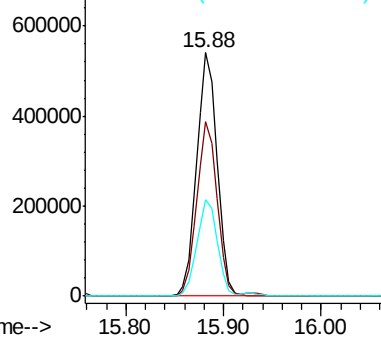
167 39.6 32.1 48.1

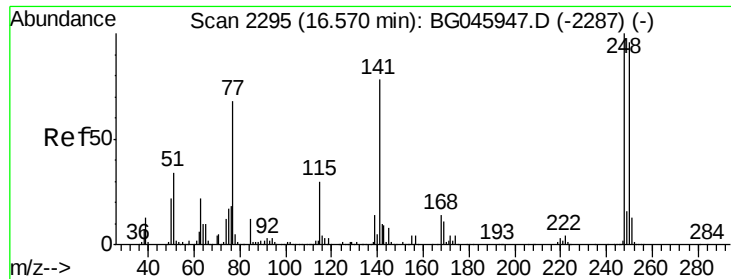


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





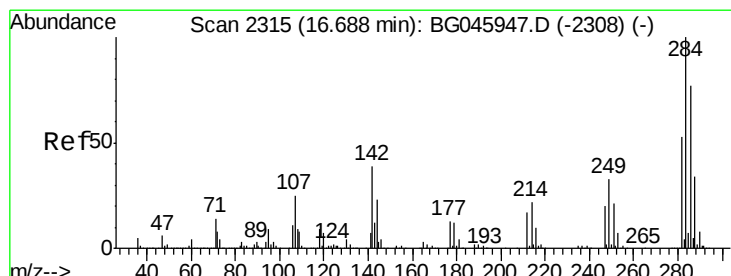
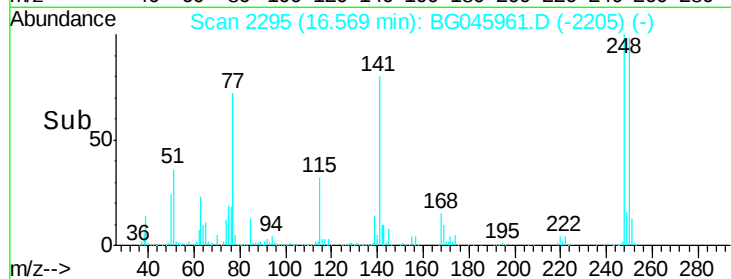
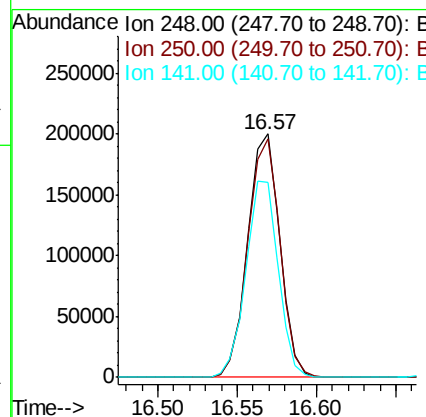
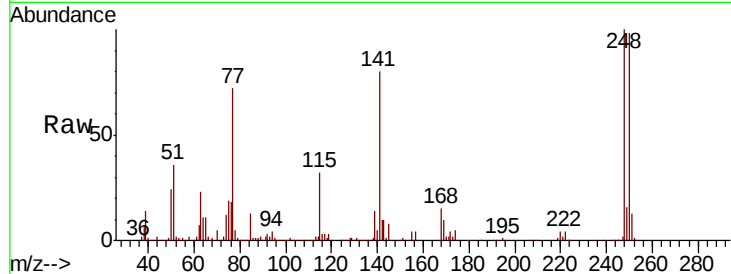
#67
 4-Bromophenyl-phenylether
 Concen: 39.645 ng
 RT: 16.57 min Scan# 2295
 Delta R.T. -0.00 min
 Lab File: BG045961.D
 Acq: 7 Jul 2020 15:58

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	248	Resp:	282130
Ion Ratio	Lower	Upper	
248	100		
250	98.1	76.6	114.8
141	80.1	62.7	94.1

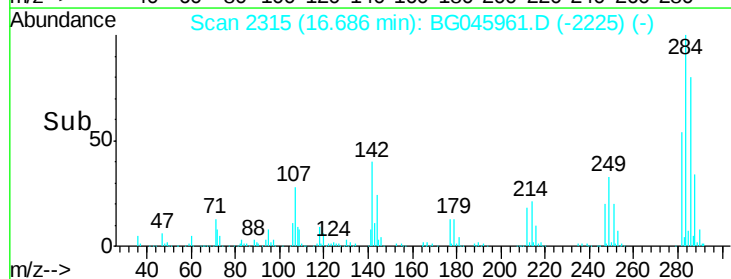
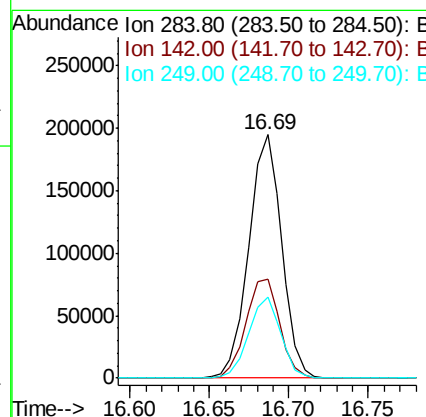
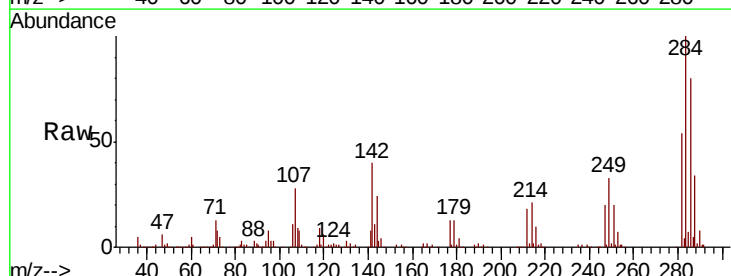
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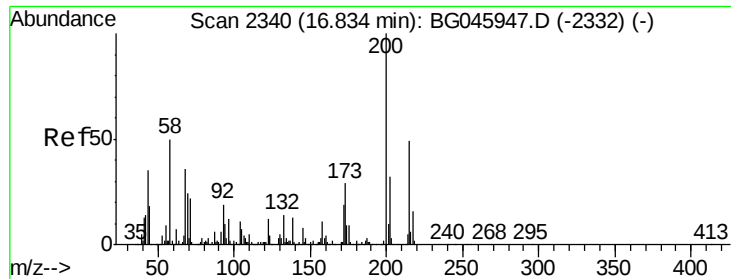
mohammad
 7/9/2020 10:55:19 AM



#68
 Hexachlorobenzene
 Concen: 39.241 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.00 min
 Lab File: BG045961.D
 Acq: 7 Jul 2020 15:58

Tgt Ion:	284	Resp:	280229
Ion Ratio	Lower	Upper	
284	100		
142	40.5	31.3	46.9
249	33.4	26.8	40.2





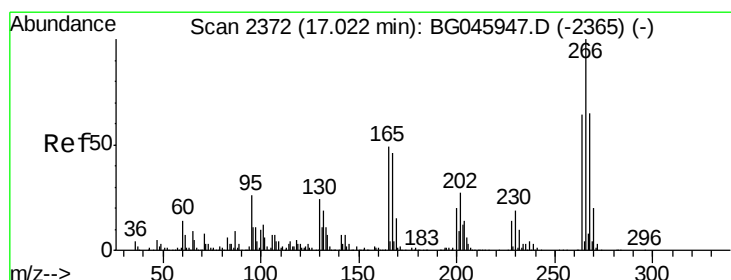
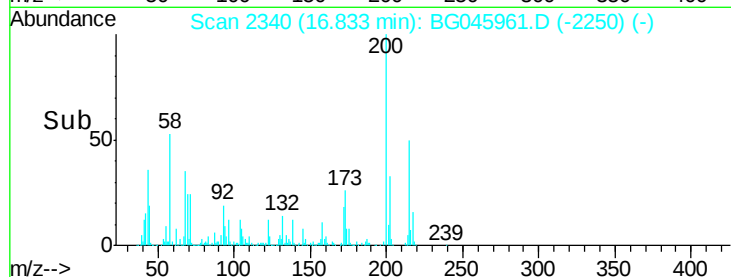
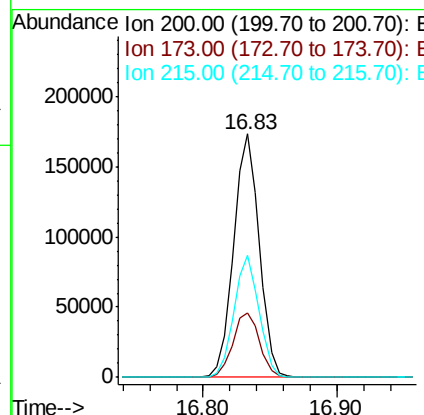
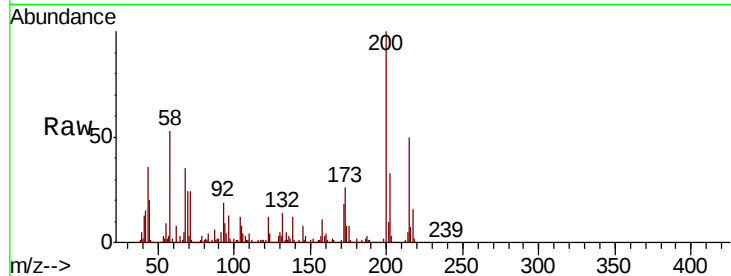
#69
Atrazine
Concen: 39.818 ng
RT: 16.83 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.4	9.1	49.1
215	50.2	28.8	68.8

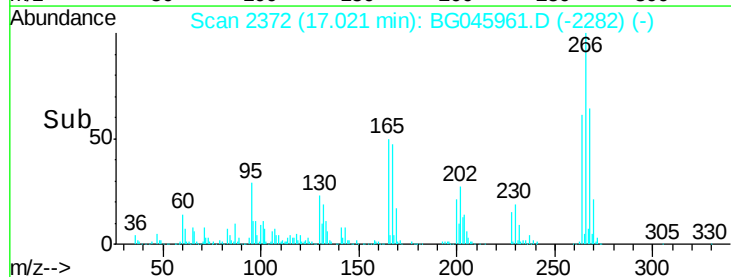
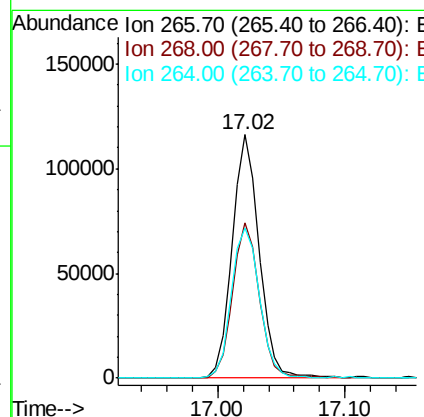
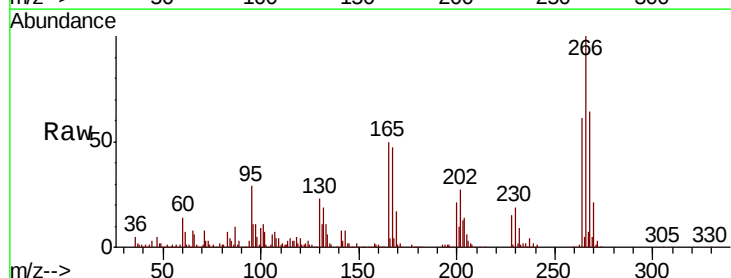
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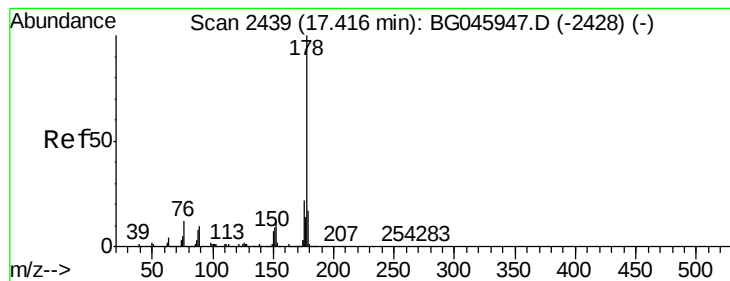
mohammad
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#70
Pentachlorophenol
Concen: 42.928 ng
RT: 17.02 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.9	51.8	77.8
264	61.5	51.4	77.0





#71

Phenanthrene

Concen: 40.354 ng

RT: 17.41 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1359391

Ion Ratio Lower Upper

178 100

176 21.4 17.4 26.2

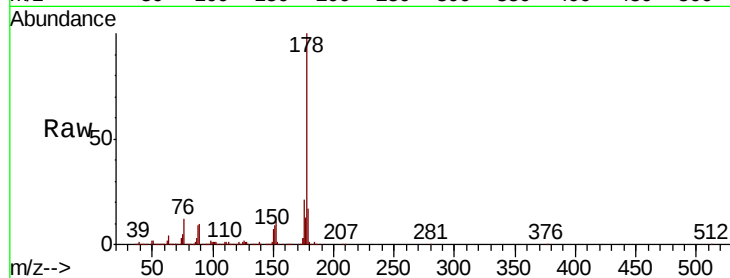
179 17.2 13.4 20.2

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Abundance Ion 178.00 (177.70 to 178.70): E

1200000 Ion 176.00 (175.70 to 176.70): E

1000000 Ion 179.00 (178.70 to 179.70): E

800000

600000

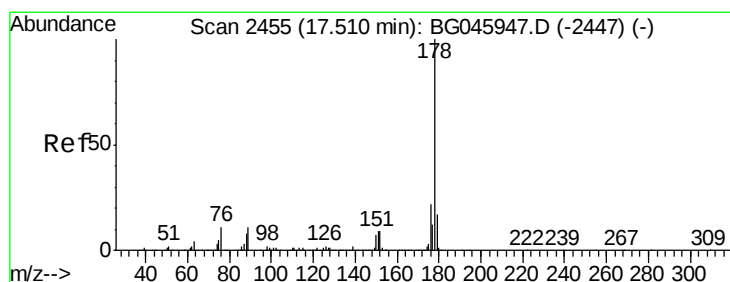
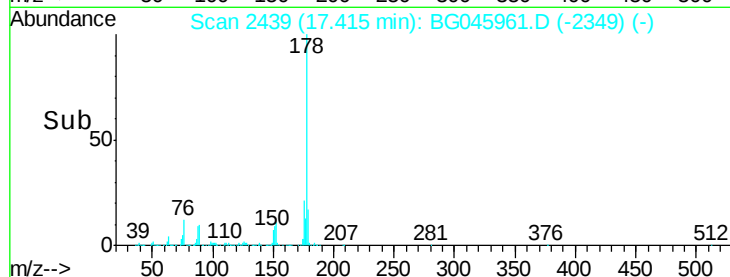
400000

200000

0

17.35 17.40 17.45

Time-->



#72

Anthracene

Concen: 40.140 ng

RT: 17.50 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

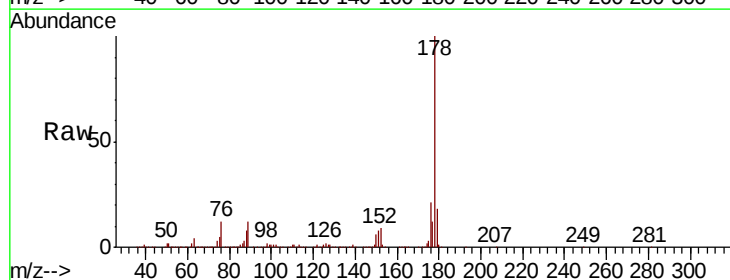
Tgt Ion:178 Resp: 1372232

Ion Ratio Lower Upper

178 100

176 20.9 17.2 25.8

179 17.7 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

1200000 Ion 176.00 (175.70 to 176.70): E

1000000 Ion 179.00 (178.70 to 179.70): E

800000

600000

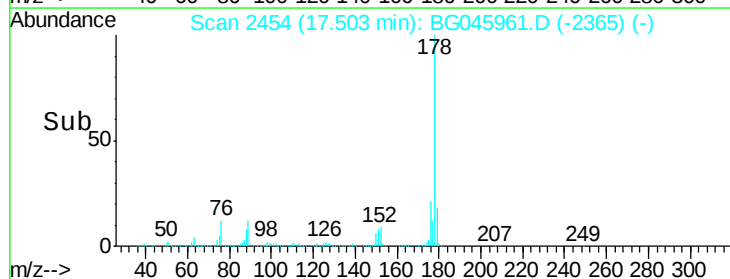
400000

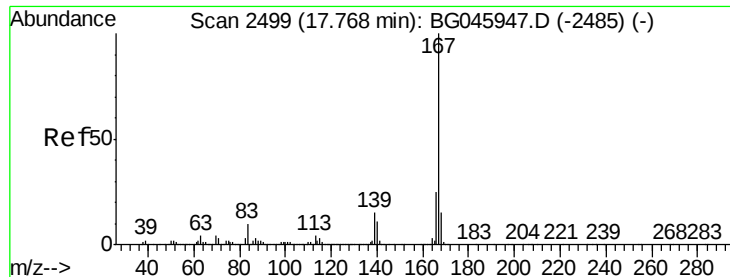
200000

0

17.40 17.50 17.60

Time-->





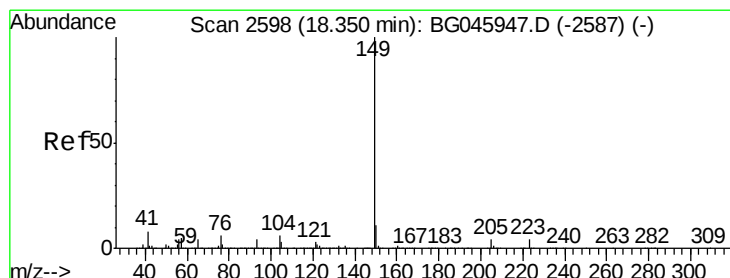
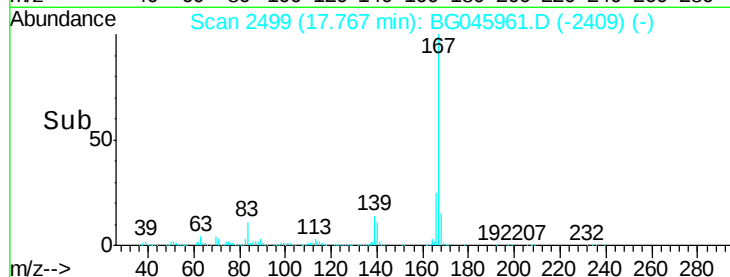
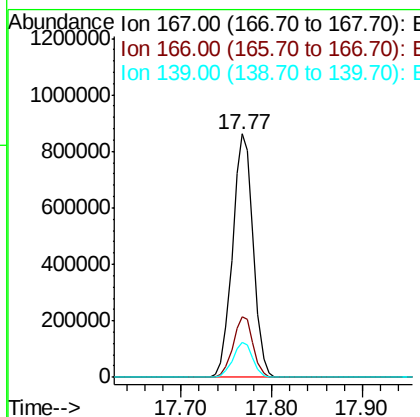
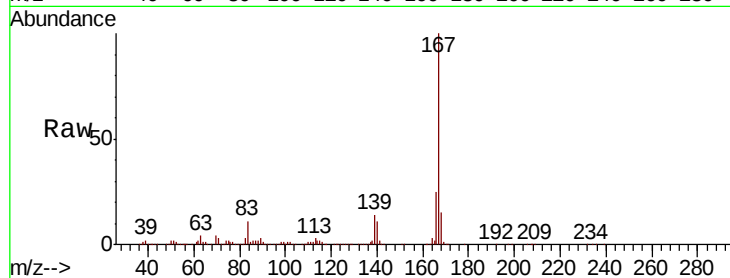
#73
 Carbazole
 Concen: 39.889 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BG045961.D
 Acq: 7 Jul 2020 15:58

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.1	20.4	30.6
139	14.2	11.8	17.8

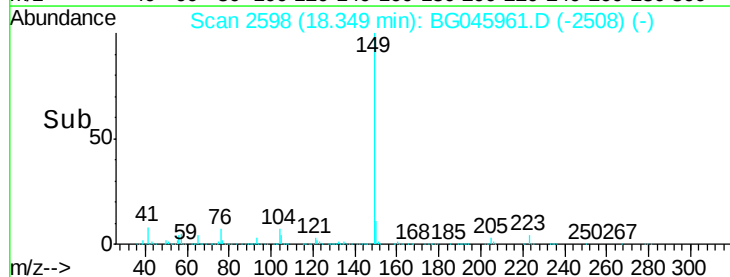
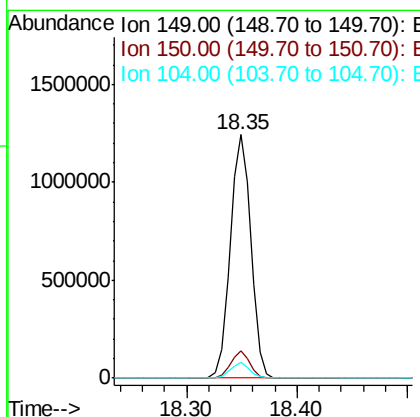
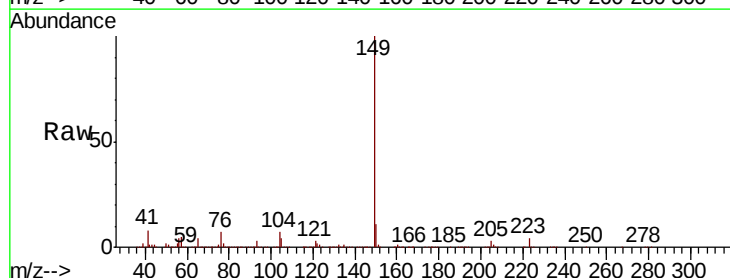
Manual Integrations
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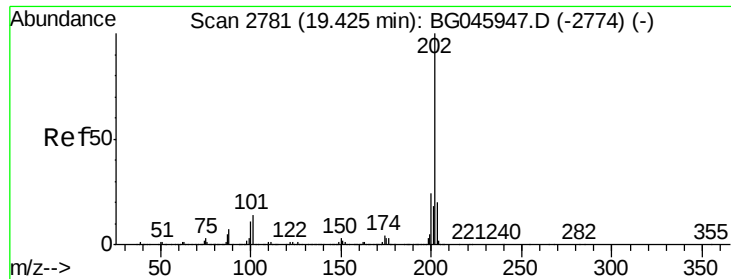
mohammad
 7/9/2020 10:55:19 AM



#74
 Di-n-butylphthalate
 Concen: 39.296 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG045961.D
 Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.0	9.0	13.4
104	6.6	5.2	7.8





#75

Fluoranthene

Concen: 40.374 ng

RT: 19.42 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

Instrument :

BNA_G

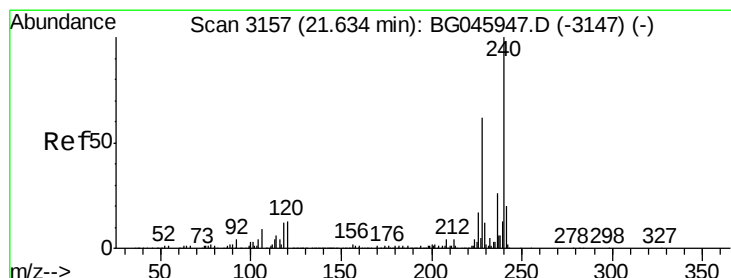
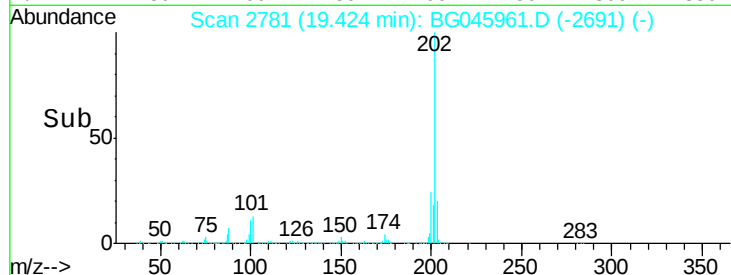
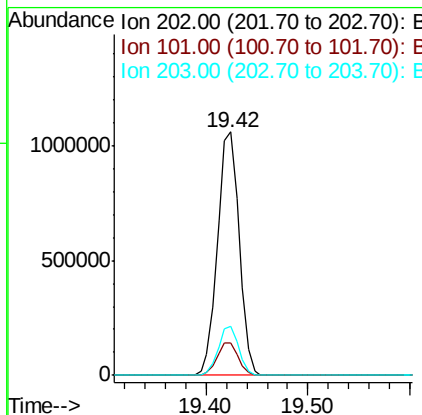
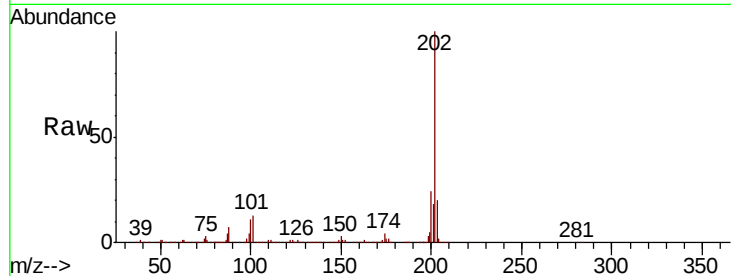
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	1572251
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	33.8
203	20.1	0.4	40.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

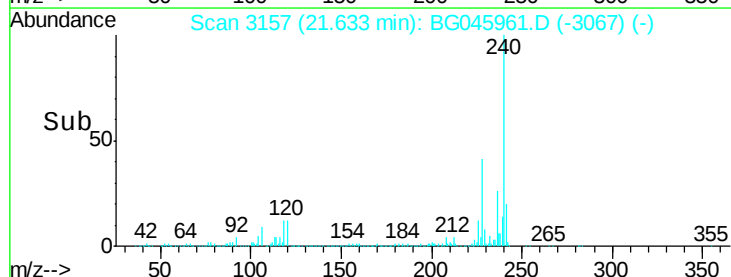
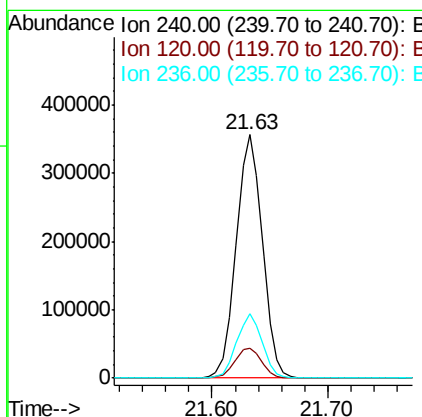
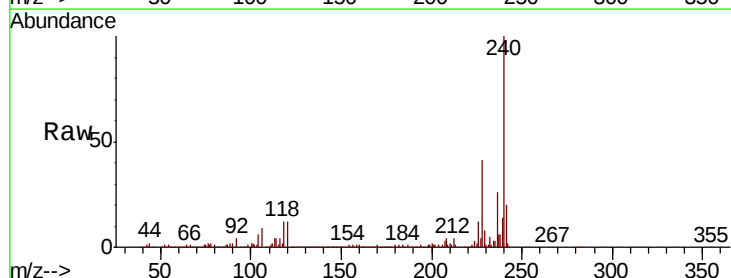
RT: 21.63 min Scan# 3157

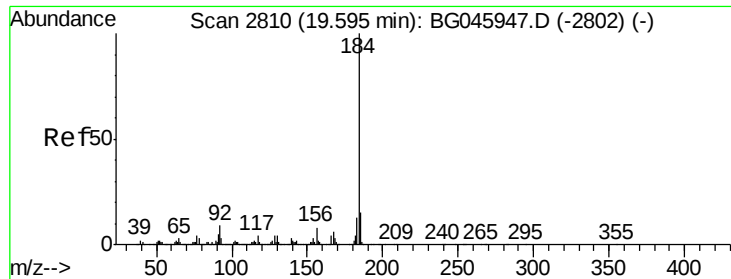
Delta R.T. -0.00 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

Tgt Ion:	240	Resp:	557605
Ion Ratio	Lower	Upper	
240	100		
120	12.3	10.6	16.0
236	26.3	20.4	30.6





#77

Benzidine

Concen: 44.149 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

Instrument :

BNA_G

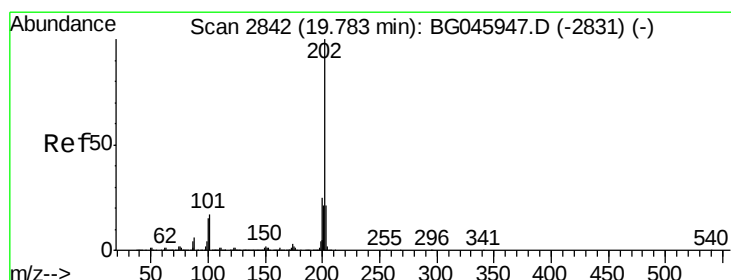
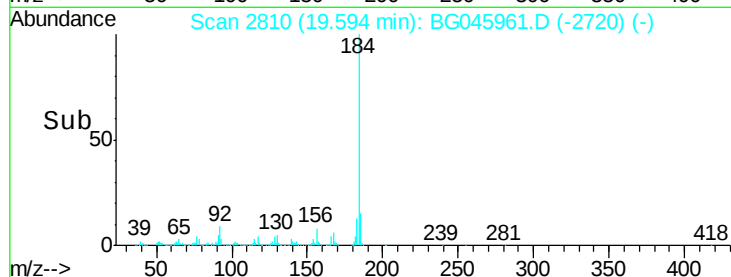
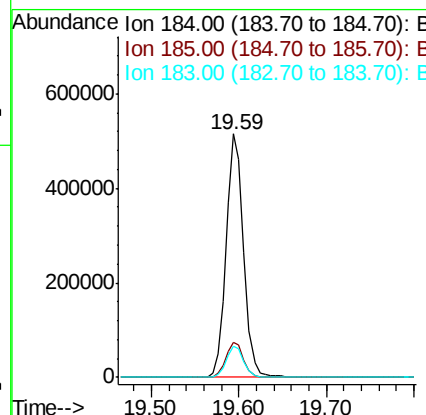
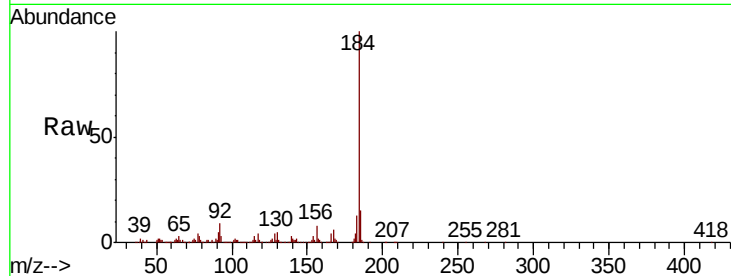
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	703879
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.6	17.4
183	12.9	10.4	15.6

Manual Integrations
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#78

Pyrene

Concen: 41.587 ng

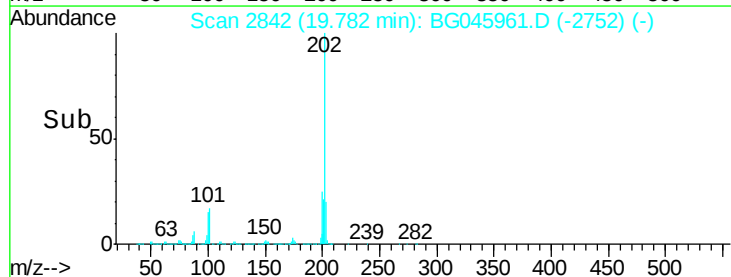
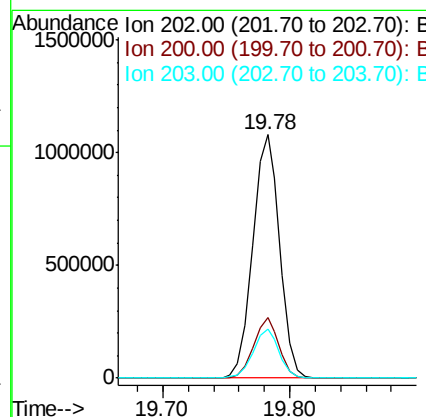
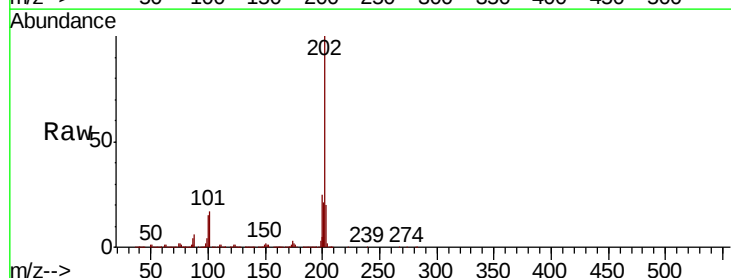
RT: 19.78 min Scan# 2842

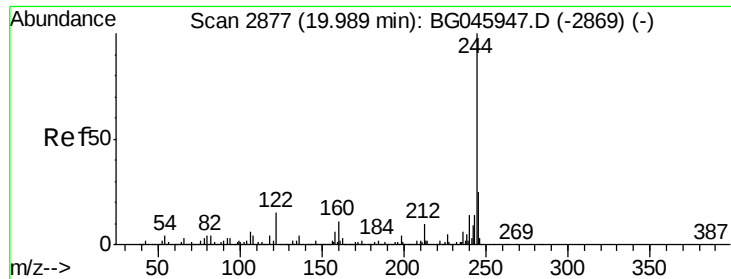
Delta R.T. -0.00 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

Tgt Ion:	202	Resp:	1582872
Ion Ratio	Lower	Upper	
202	100		
200	25.0	20.1	30.1
203	20.1	16.5	24.7





#79

Terphenyl-d14

Concen: 81.892 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2051807

Ion Ratio Lower Upper

244 100

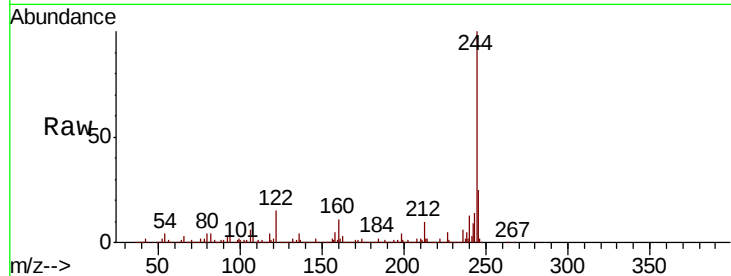
212 9.7 8.3 12.5

122 15.3 12.1 18.1

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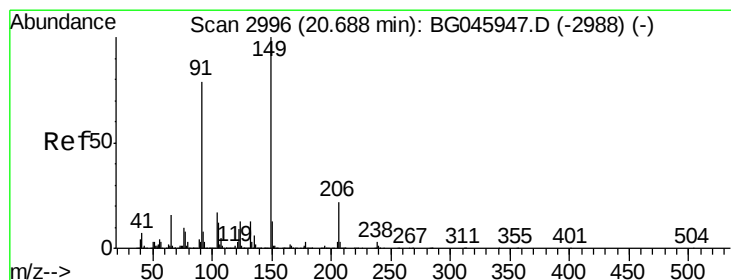
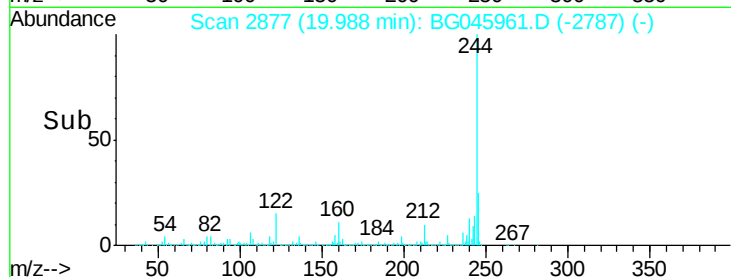
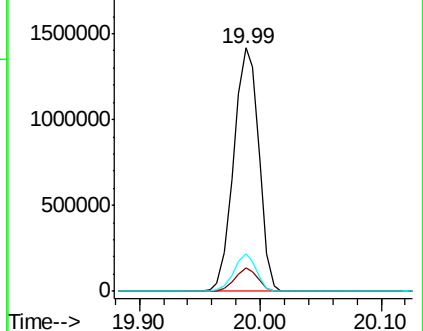
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.690 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

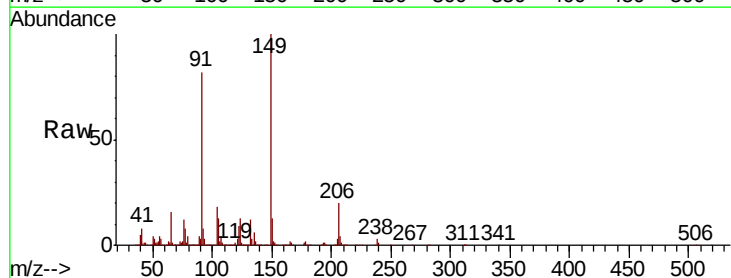
Tgt Ion:149 Resp: 767846

Ion Ratio Lower Upper

149 100

91 82.4 63.1 94.7

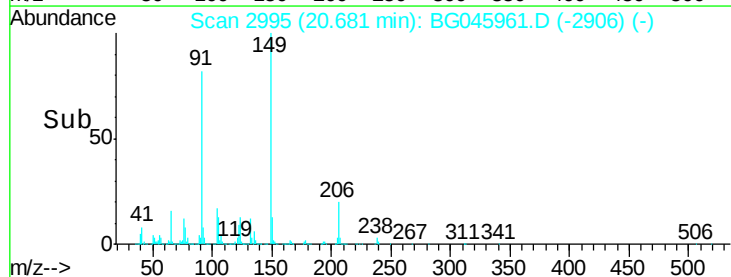
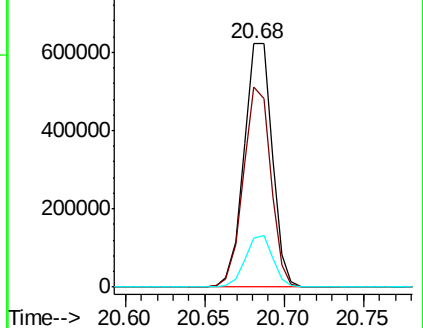
206 20.0 17.4 26.0

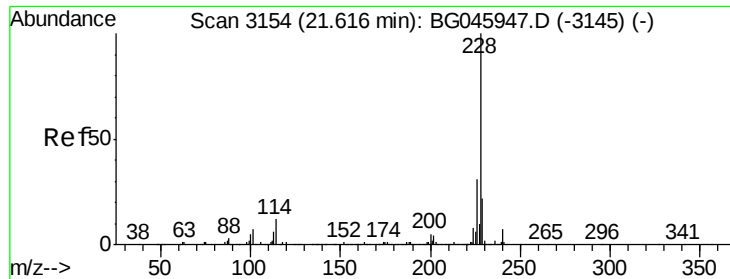


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.234 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

Instrument :

BNA_G

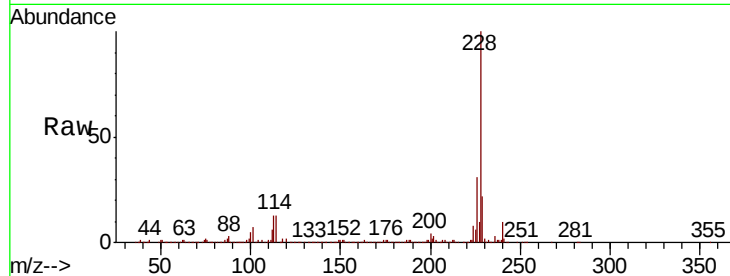
ClientSampleId :

SSTDCCC040

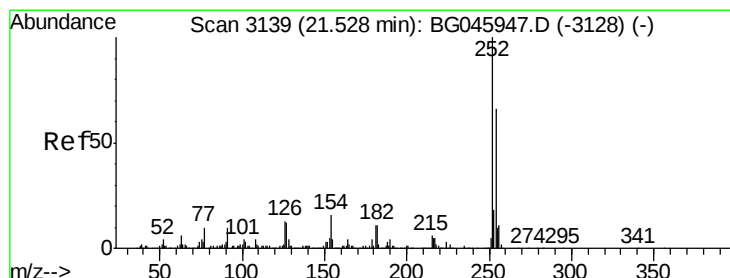
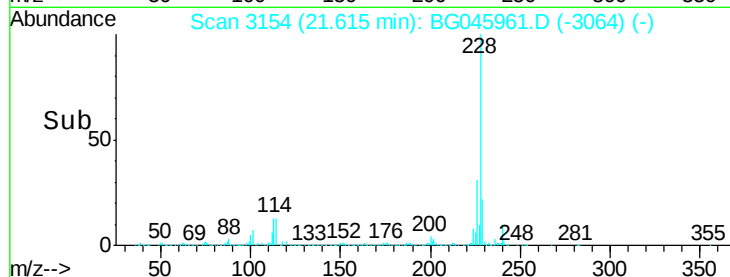
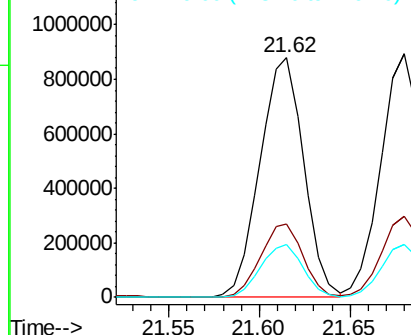
Tot Ion:	228	Resp:	1475162
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.8	37.2
229	22.0	17.8	26.8

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Abundance Ion 228.00 (227.70 to 228.70): E
1200000 Ion 226.00 (225.70 to 226.70): E
1000000 Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.543 ng

RT: 21.53 min Scan# 3139

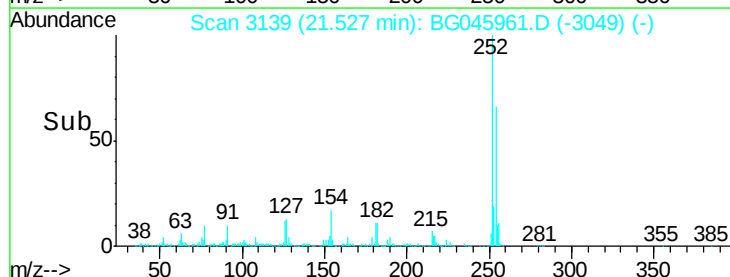
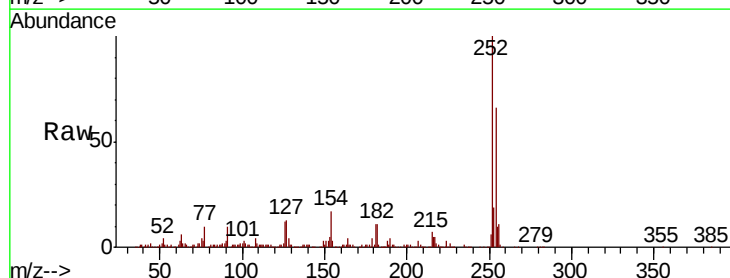
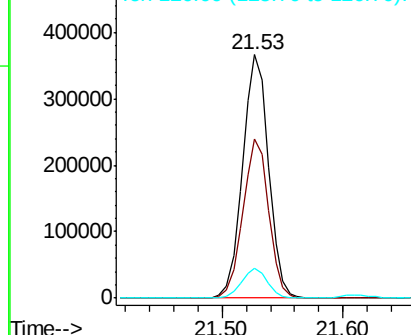
Delta R.T. -0.00 min

Lab File: BG045961.D

Acq: 7 Jul 2020 15:58

Tgt Ion:	252	Resp:	549290
Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.9	79.3
126	12.5	10.4	15.6

Abundance Ion 252.00 (251.70 to 252.70): E
500000 Ion 254.00 (253.70 to 254.70): E
400000 Ion 126.00 (125.70 to 126.70): E





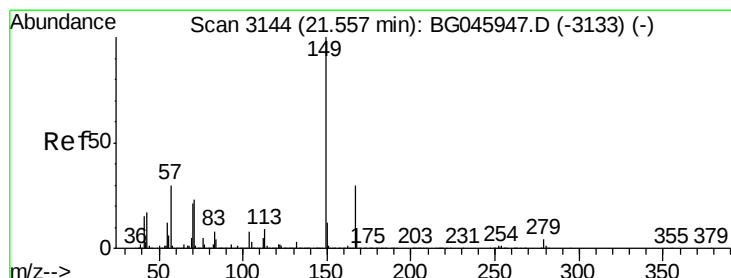
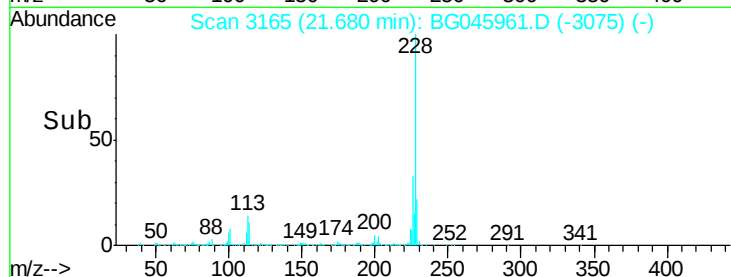
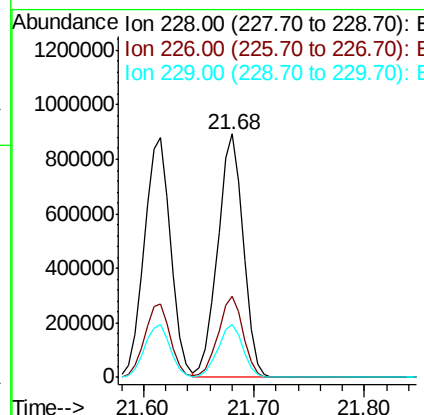
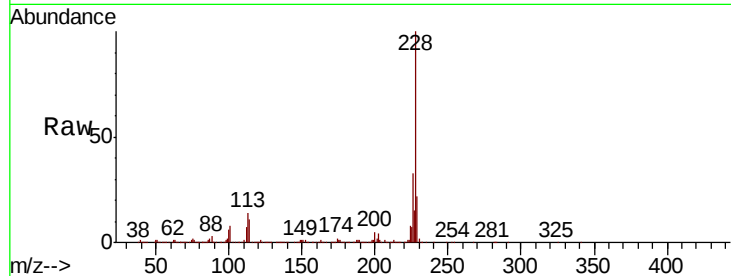
#83
Chrysene
Concen: 40.694 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.3	26.7	40.1
229	21.9	17.3	25.9

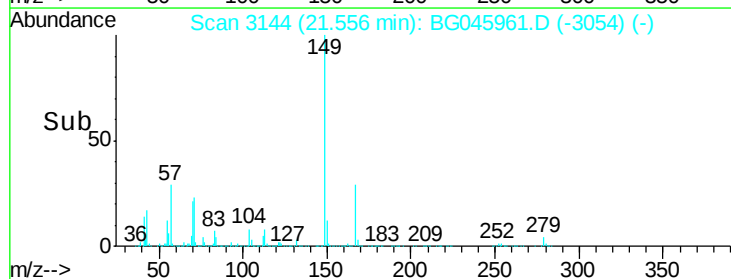
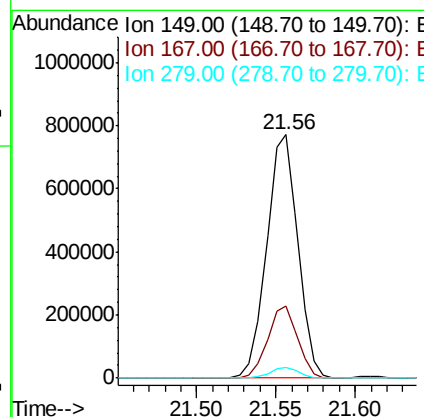
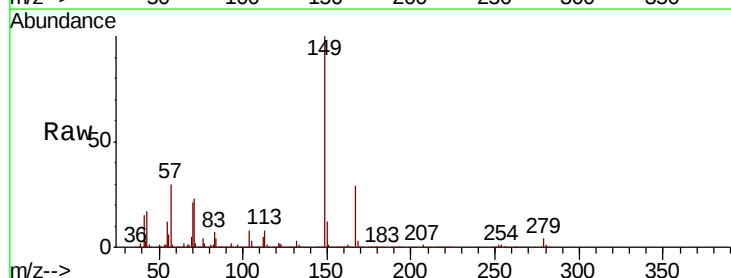
Manual Integrations
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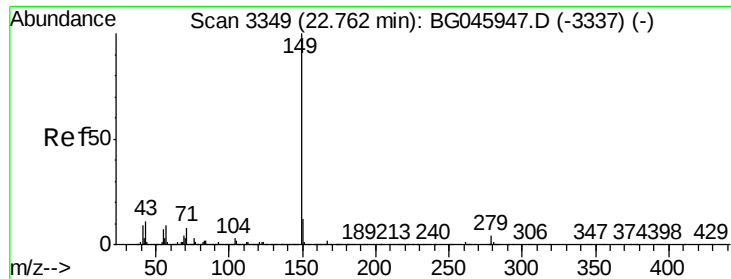
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.605 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.8	35.8
279	4.3	3.5	5.3





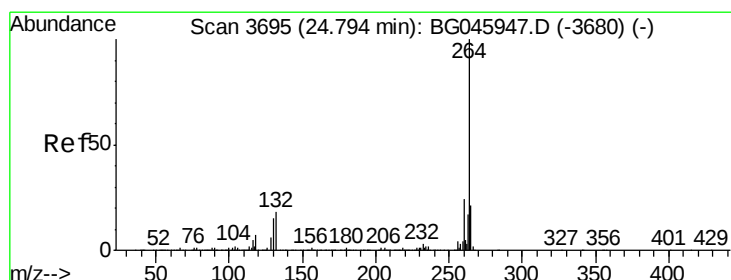
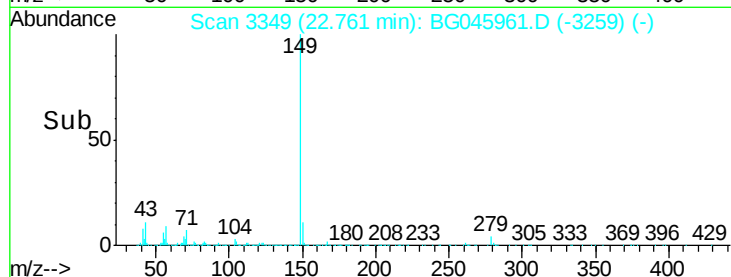
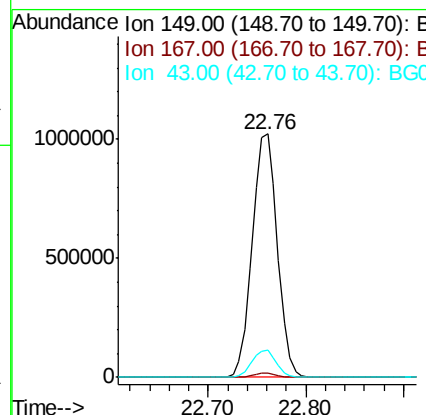
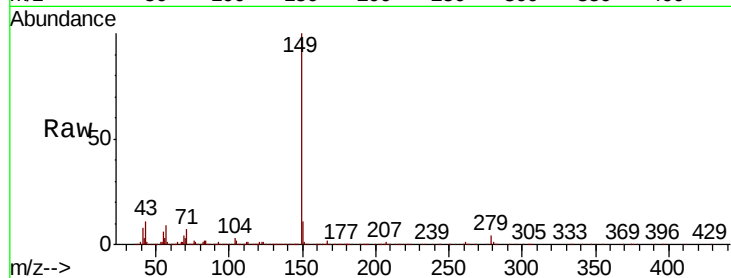
#85
Di-n-octyl phthalate
Concen: 40.672 ng
RT: 22.76 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.7	8.6	12.8

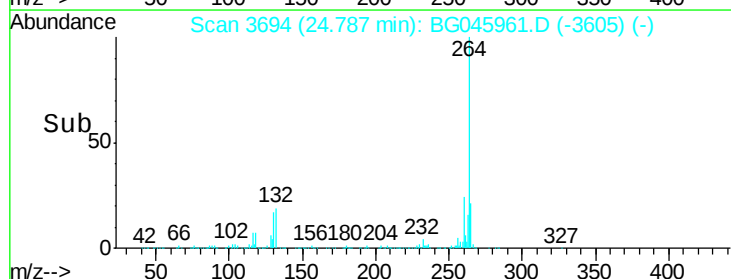
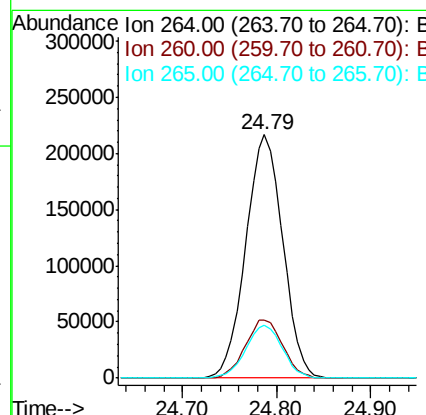
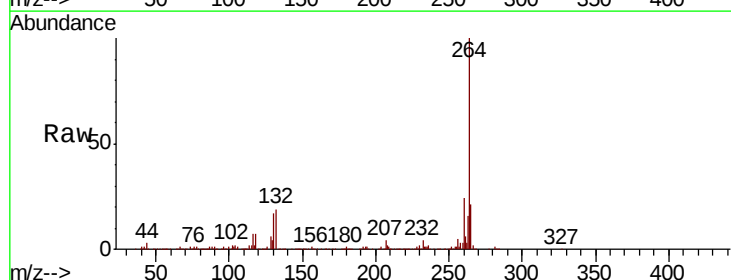
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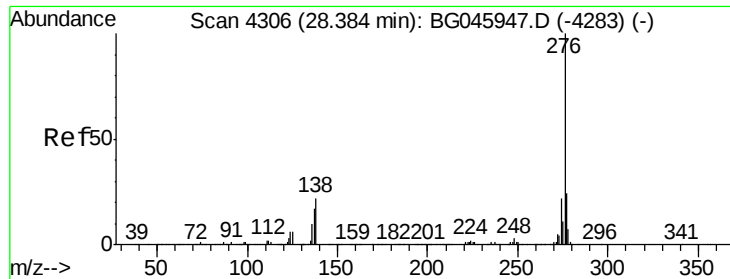
mohammad
7/9/2020 10:55:19 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.01 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.5	16.9	25.3





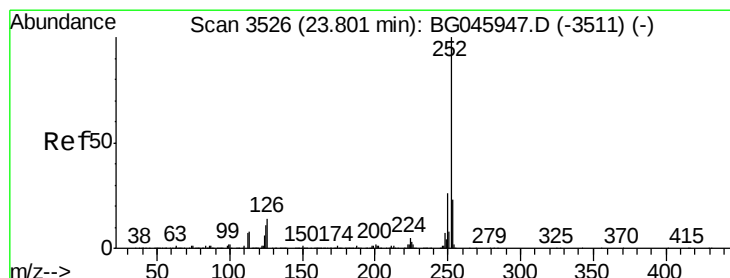
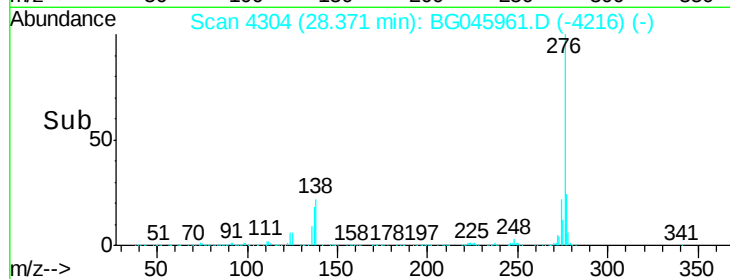
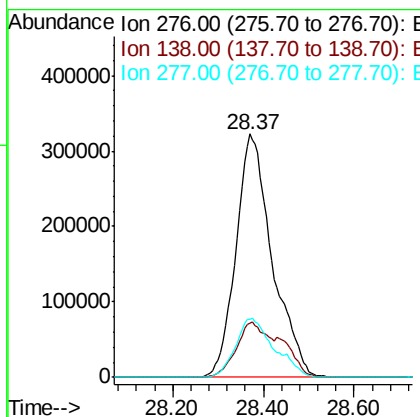
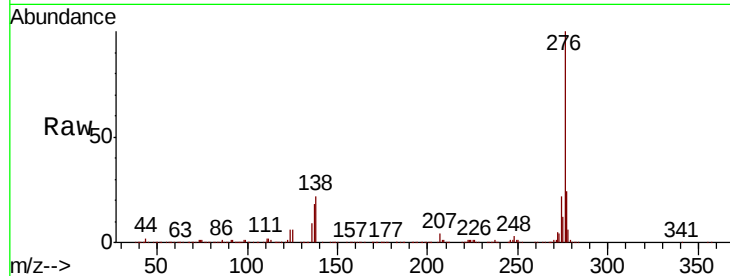
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.526 ng
 RT: 28.37 min Scan# 4304
 Delta R.T. -0.01 min
 Lab File: BG045961.D
 Acq: 7 Jul 2020 15:58

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	16.4	24.6
277	25.9	20.6	31.0

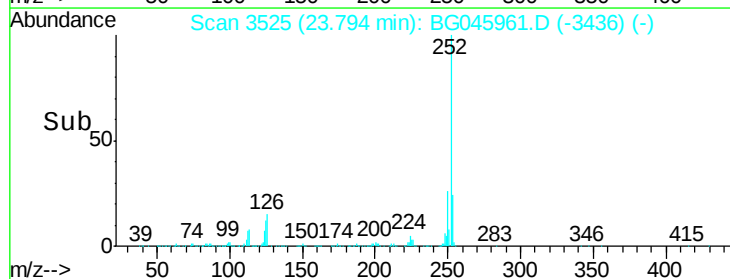
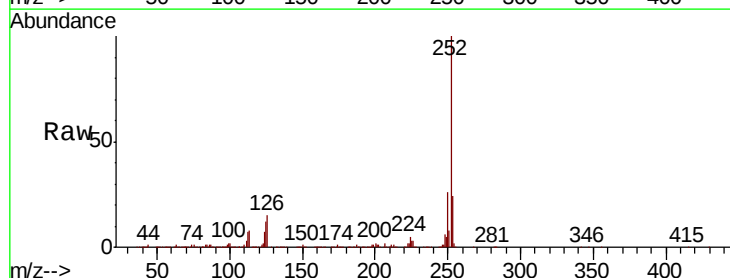
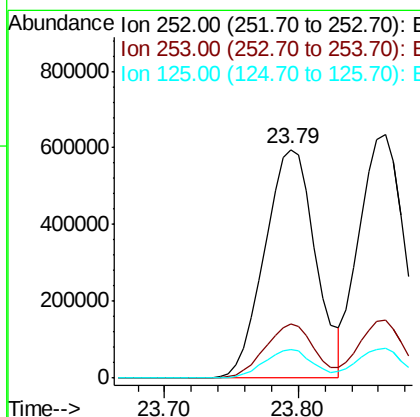
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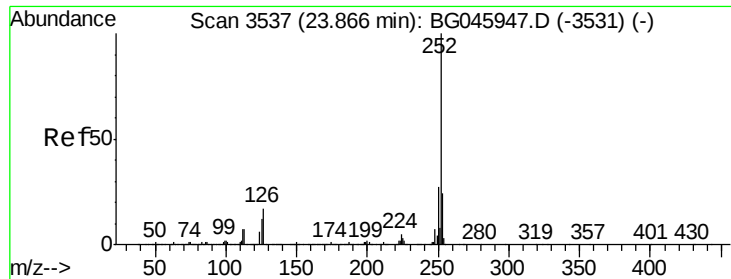
mohammad
 7/9/2020 10:55:19 AM



#88
 Benzo(b)fluoranthene
 Concen: 42.059 ng
 RT: 23.79 min Scan# 3525
 Delta R.T. -0.01 min
 Lab File: BG045961.D
 Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.5	27.7
125	12.2	9.2	13.8





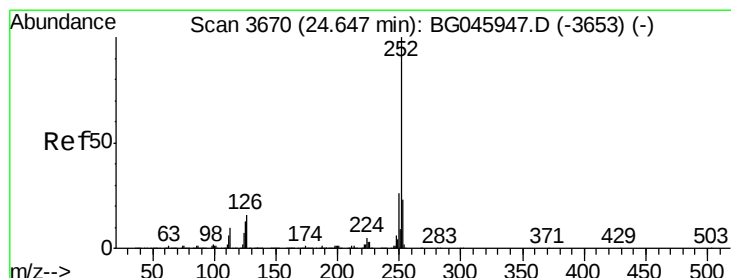
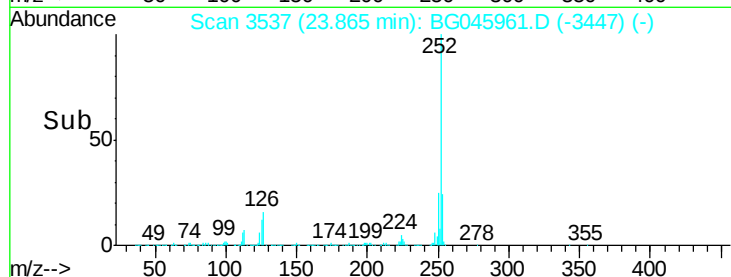
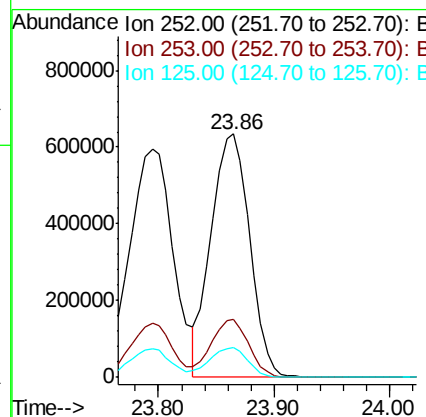
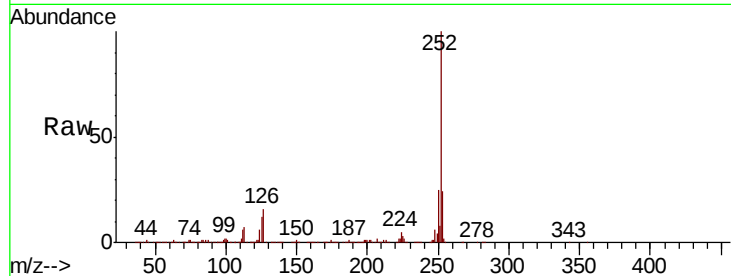
#89
Benzo(k)fluoranthene
Concen: 41.511 ng
RT: 23.86 min Scan# 3537
Delta R.T. -0.00 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.9	28.3
125	12.0	9.6	14.4

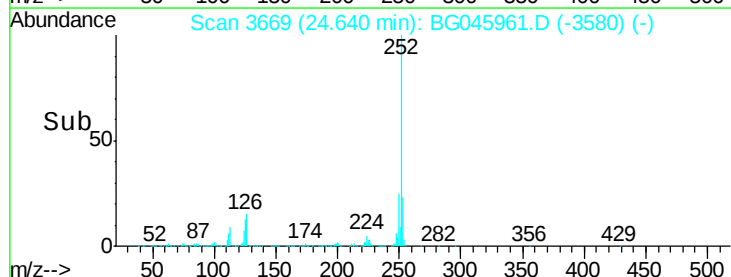
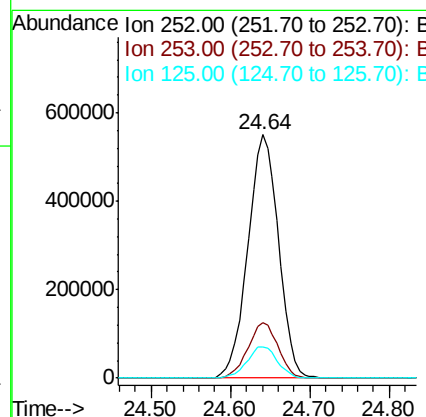
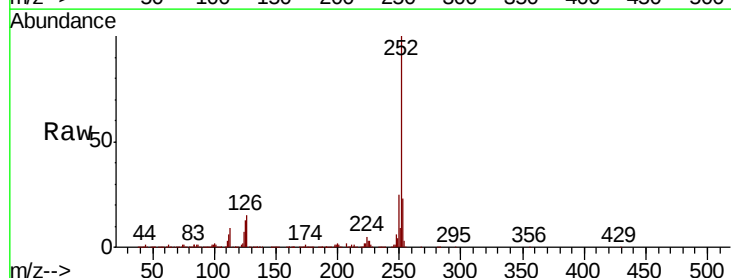
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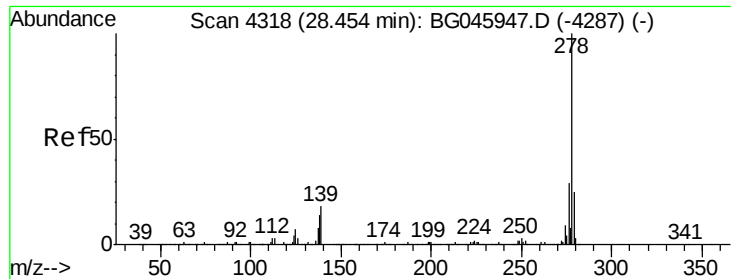
mohammad
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#90
Benzo(a)pyrene
Concen: 41.917 ng
RT: 24.64 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	28.0
125	12.8	10.5	15.7





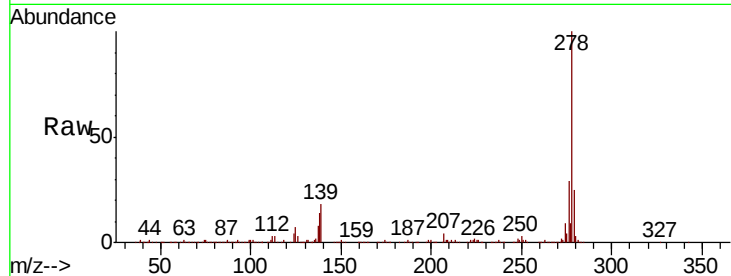
#91
Dibenzo(a,h)anthracene
Concen: 41.123 ng
RT: 28.45 min Scan# 4317
Delta R.T. -0.01 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.3	21.5
279	25.2	19.8	29.6

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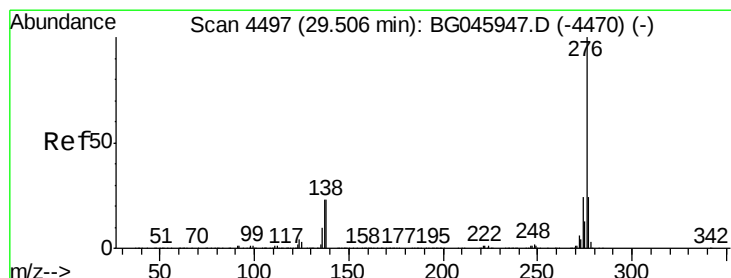
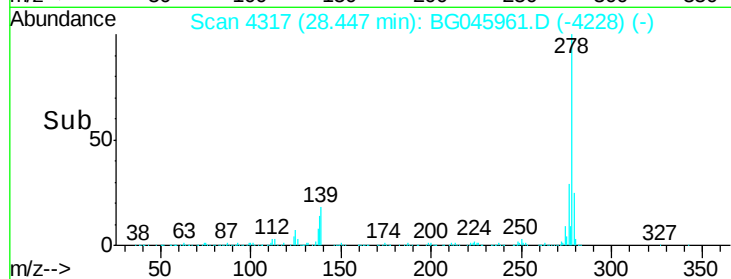
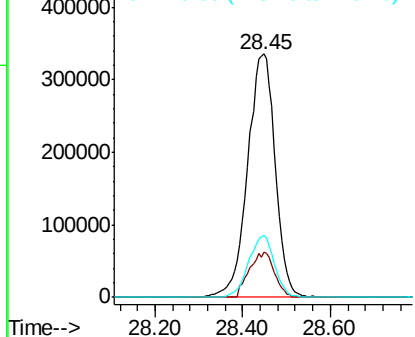


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.840 ng
RT: 29.49 min Scan# 4495
Delta R.T. -0.01 min
Lab File: BG045961.D
Acq: 7 Jul 2020 15:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	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

