

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012220\
 Data File : BG044162.D
 Acq On : 22 Jan 2020 17:39
 Operator : JU
 Sample : L1216-08MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMPMSD

Manual Integrations
 APPROVED

mohammad
 1/23/2020 1:51:46 PM

Quant Time: Jan 23 08:24:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	83075	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	375622	20.00	ng	-0.04
39) Acenaphthene-d10	14.56	164	250494	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	520421	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	433881	20.00	ng	-0.03
87) Perylene-d12	24.66	264	499431	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	503629	111.31	ng	-0.03
7) Phenol-d6	7.10	99	683123	108.01	ng	-0.02
23) Nitrobenzene-d5	9.08	82	407032	57.97	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	251999	96.13	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	921291	66.63	ng	-0.03
79) Terphenyl-d14	19.92	244	1327777	70.32	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.40	88	72156	36.576	ng 98
3) Pyridine	3.79	79	181652	31.169	ng 93
4) n-Nitrosodimethylamine	3.71	42	90820	35.002	ng 95
6) Aniline	7.25	93	173073	20.835	ng 98
8) 2-Chlorophenol	7.50	128	238032	44.813	ng 98
9) Benzaldehyde	7.06	77	113128	27.948	ng 98
10) Phenol	7.13	94	313341	48.087	ng 99
11) bis(2-Chloroethyl)ether	7.34	93	211866	37.667	ng 98
12) 1,3-Dichlorobenzene	7.82	146	233977	37.643	ng 99
13) 1,4-Dichlorobenzene	7.97	146	235448	38.391	ng 98
14) 1,2-Dichlorobenzene	8.28	146	226250	38.434	ng 99
15) Benzyl Alcohol	8.17	79	192382	38.543	ng 99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	287836	33.077	ng 99
17) 2-Methylphenol	8.38	107	198831	42.166	ng 97
18) Hexachloroethane	9.01	117	87662	36.734	ng 98
19) n-Nitroso-di-n-propylamine	8.74	70	170106	36.117	ng 98
20) 3+4-Methylphenols	8.71	107	278863	42.392	ng 98
22) Acetophenone	8.75	105	319985	34.266	ng # 98
24) Nitrobenzene	9.12	77	243855	35.065	ng 99
25) Isophorone	9.65	82	470529	35.719	ng 99
26) 2-Nitrophenol	9.84	139	131220	39.882	ng 96
27) 2,4-Dimethylphenol	9.91	122	226099	45.652	ng 98
28) bis(2-Chloroethoxy)methane	10.13	93	299121	34.060	ng 99
29) 2,4-Dichlorophenol	10.38	162	231906	39.255	ng 98
30) 1,2,4-Trichlorobenzene	10.59	180	230788	34.841	ng 99
31) Naphthalene	10.78	128	691665	38.052	ng 98
32) Benzoic acid	10.05	122	125131	33.239	ng 95
33) 4-Chloroaniline	10.89	127	116081	13.389	ng 97
34) Hexachlorobutadiene	11.07	225	133639	33.044	ng 99
35) Caprolactam	11.65	113	87763m	39.906	ng
36) 4-Chloro-3-methylphenol	12.02	107	251781	40.034	ng 97
37) 2-Methylnaphthalene	12.39	142	523619	38.263	ng 97
38) 1-Methylnaphthalene	12.61	142	501448	38.663	ng 97
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	247617	33.726	ng 99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012220\
 Data File : BG044162.D
 Acq On : 22 Jan 2020 17:39
 Operator : JU
 Sample : L1216-08MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMPMSD

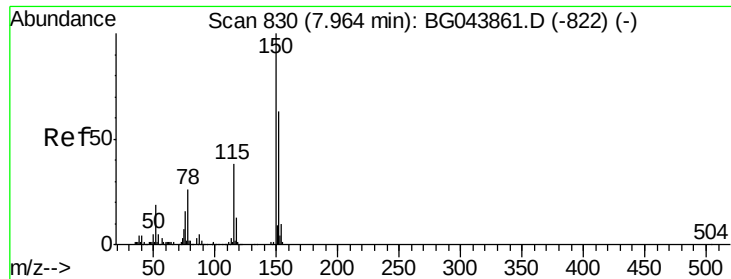
Manual Integrations
 APPROVED

mohammad
 1/23/2020 1:51:46 PM

Quant Time: Jan 23 08:24:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	316482	83.145	ng	99
43) 2,4,6-Trichlorophenol	13.00	196	185666	36.752	ng	97
44) 2,4,5-Trichlorophenol	13.07	196	201474	38.668	ng	98
46) 1,1'-Biphenyl	13.40	154	663286	36.931	ng	97
47) 2-Chloronaphthalene	13.44	162	516929	35.619	ng	98
48) 2-Nitroaniline	13.64	65	158654	33.985	ng	98
49) Acenaphthylene	14.29	152	826799	39.637	ng	97
50) Dimethylphthalate	14.02	163	794657	44.679	ng	99
51) 2,6-Dinitrotoluene	14.14	165	149510	37.191	ng	97
52) Acenaphthene	14.63	154	518542	35.448	ng	98
53) 3-Nitroaniline	14.46	138	88936	19.482	ng	95
54) 2,4-Dinitrophenol	14.67	184	160380	78.425	ng	96
55) Dibenzofuran	14.96	168	784352	38.950	ng	97
56) 4-Nitrophenol	14.78	139	270060	77.198	ng	97
57) 2,4-Dinitrotoluene	14.92	165	203970	37.288	ng	98
58) Fluorene	15.62	166	617422	38.683	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	171530	38.285	ng	97
60) Diethylphthalate	15.39	149	665001	37.382	ng	98
61) 4-Chlorophenyl-phenylether	15.60	204	321487	37.094	ng	98
62) 4-Nitroaniline	15.63	138	147519	32.723	ng	97
63) Azobenzene	15.90	77	624296	37.841	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	118749	44.627	ng	99
66) n-Nitrosodiphenylamine	15.82	169	574632	37.495	ng	97
67) 4-Bromophenyl-phenylether	16.50	248	202565	34.608	ng	99
68) Hexachlorobenzene	16.63	284	220630	34.982	ng	94
69) Atrazine	16.77	200	206172	41.386	ng	99
70) Pentachlorophenol	16.96	266	248479	71.470	ng	99
71) Phenanthrene	17.35	178	945388	37.873	ng	97
72) Anthracene	17.44	178	983993	39.887	ng	96
73) Carbazole	17.71	167	868031	38.092	ng	97
74) Di-n-butylphthalate	18.28	149	1084423	37.273	ng	96
75) Fluoranthene	19.36	202	1091078	38.220	ng	96
77) Benzidine	19.54	184	381458	34.977	ng	98
78) Pyrene	19.72	202	1091652	38.546	ng	94
80) Butylbenzylphthalate	20.61	149	499835	37.070	ng	99
81) Benzo(a)anthracene	21.54	228	1030439	38.301	ng	95
82) 3,3'-Dichlorobenzidine	21.46	252	232212	21.847	ng	99
83) Chrysene	21.60	228	988603	38.672	ng	95
84) Bis(2-ethylhexyl)phthalate	21.46	149	712119	38.277	ng	97
85) Di-n-octyl phthalate	22.64	149	1243947	39.772	ng	97
86) Indeno(1,2,3-cd)pyrene	28.18	276	1258136	36.214	ng	99
88) Benzo(b)fluoranthene	23.68	252	1083062	36.683	ng	97
89) Benzo(k)fluoranthene	23.74	252	1043277	37.158	ng	99
90) Benzo(a)pyrene	24.51	252	997724	35.804	ng	98
91) Dibenzo(a,h)anthracene	28.24	278	1040146	37.166	ng	98
92) Benzo(g,h,i)perylene	29.27	276	1045233	37.600	ng	96

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



#1

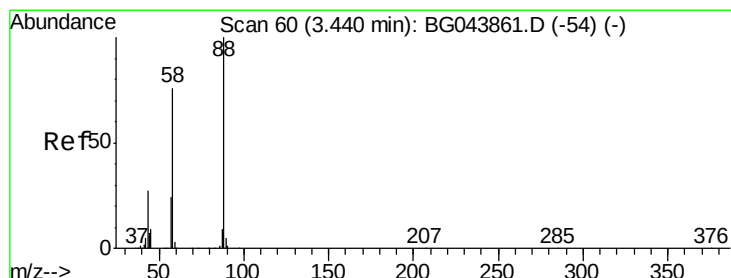
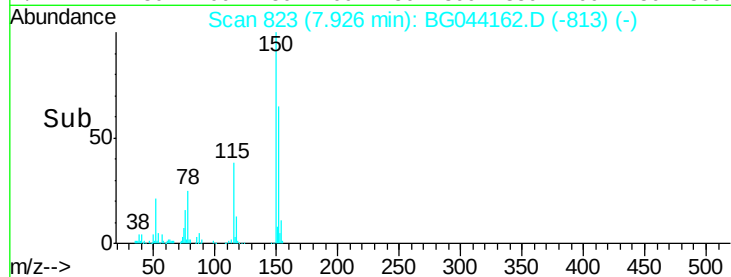
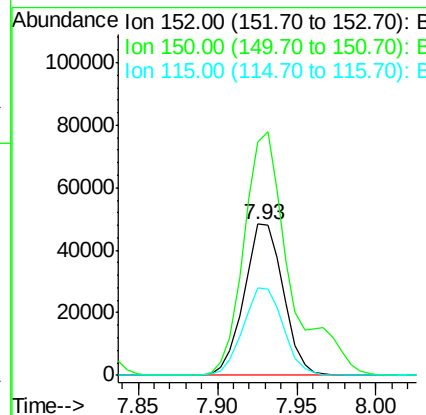
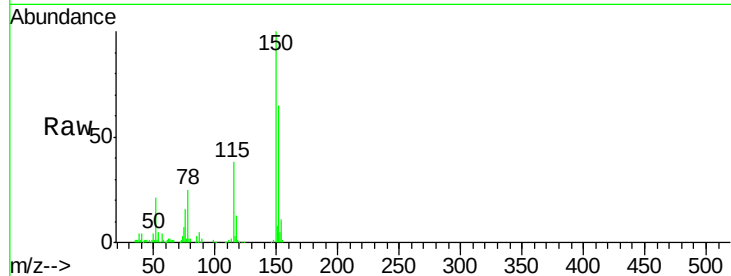
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.04 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	127.0	190.4
115	57.8	47.8	71.8

Manual Integrations
APPROVED

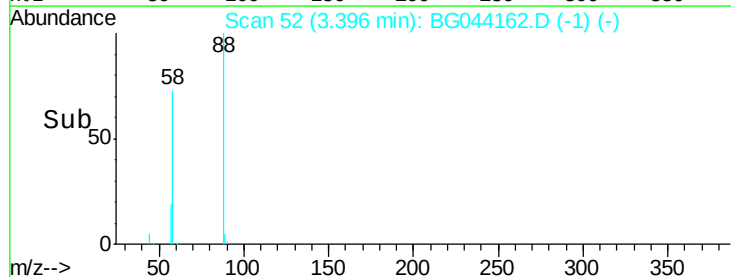
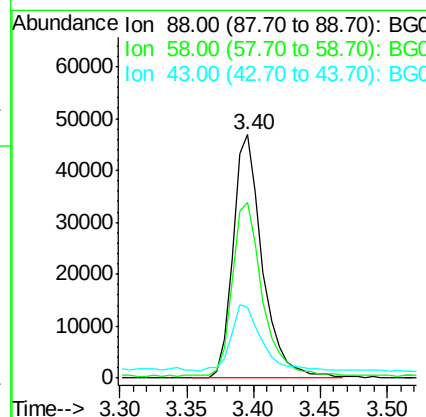
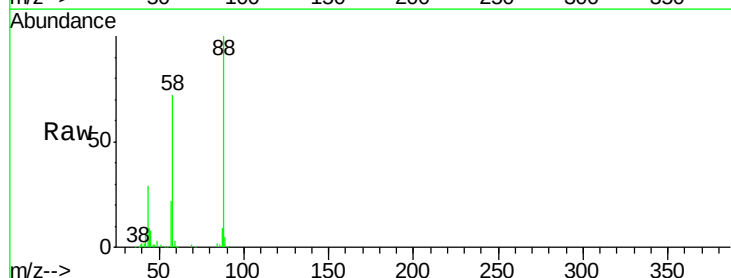
mohammad
1/23/2020 1:51:46 PM

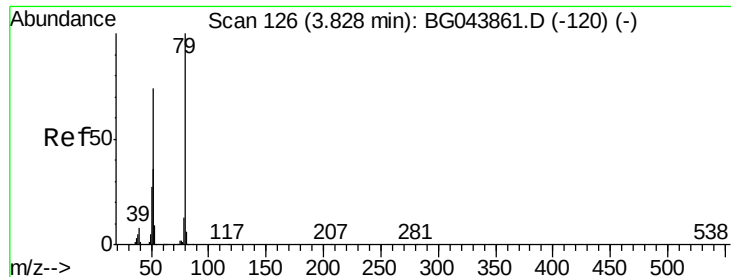


#2

1,4-Dioxane
Concen: 36.576 ng
RT: 3.40 min Scan# 52
Delta R.T. -0.04 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.2	59.8	89.8
43	28.5	22.9	34.3





#3

Pvridine

Concen: 31.169 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

Instrument :

BNA_G

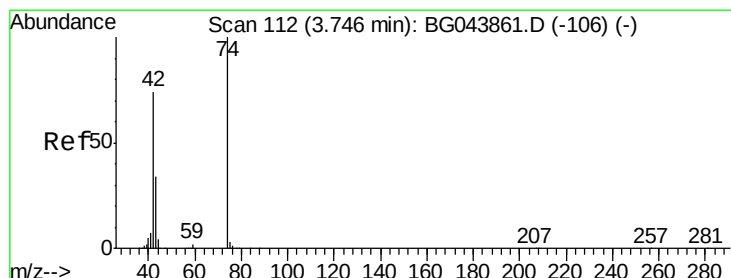
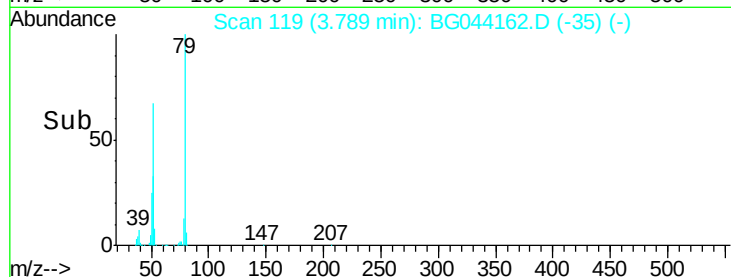
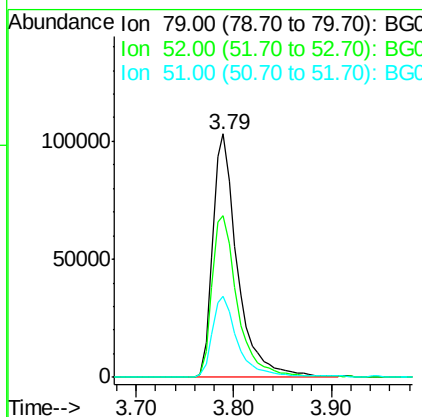
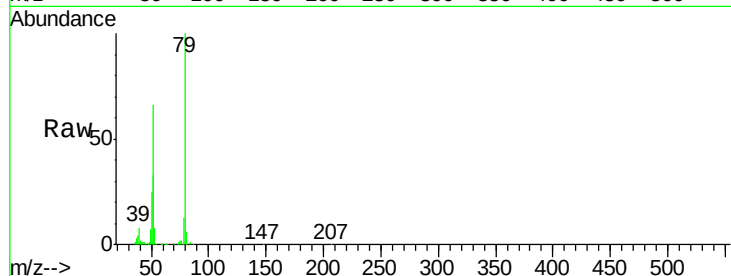
ClientSampleId :

SB-04-COMPMSD

Tot Ion:	79	Resp:	181652
Ion Ratio	Lower	Upper	
79	100		
52	66.4	58.9	88.3
51	33.1	28.6	43.0

Manual Integrations
APPROVED

mohammad
1/23/2020 1:51:46 PM



#4

n-Nitrosodimethylamine

Concen: 35.002 ng

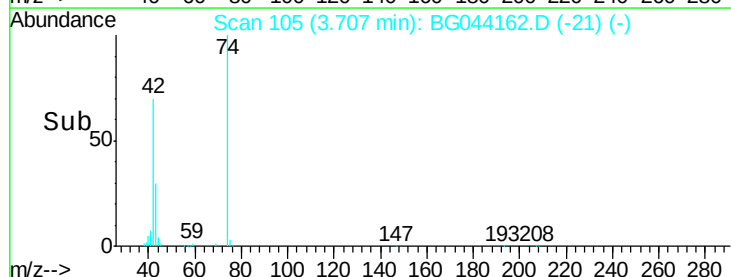
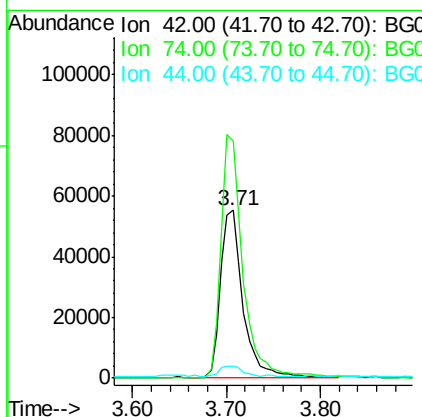
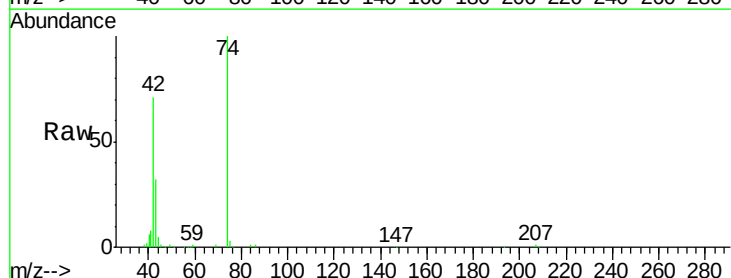
RT: 3.71 min Scan# 105

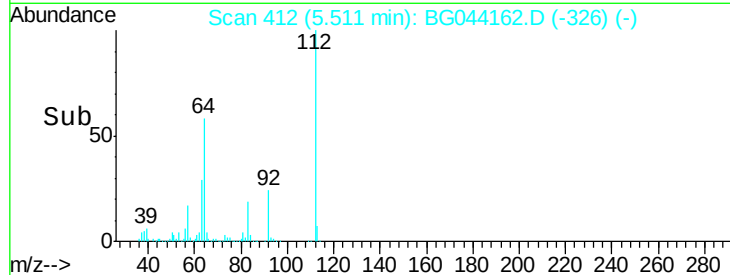
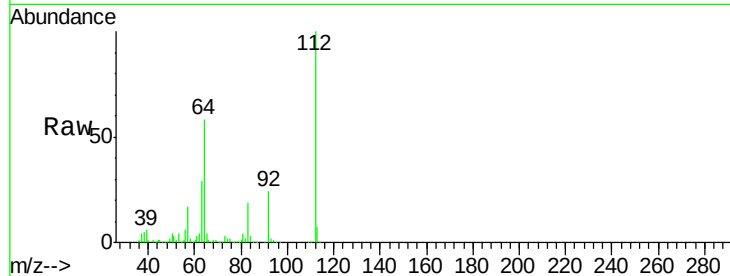
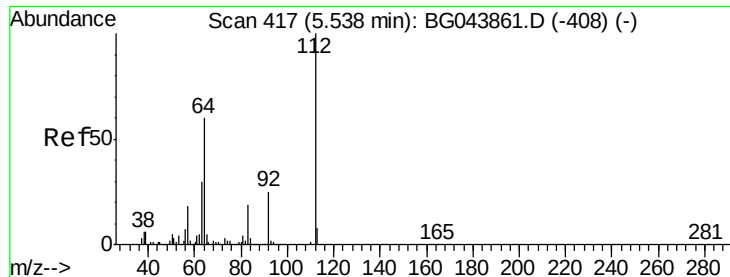
Delta R.T. -0.04 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

Tgt Ion:	42	Resp:	90820
Ion Ratio	Lower	Upper	
42	100		
74	141.4	108.6	162.8
44	7.0	5.0	7.6





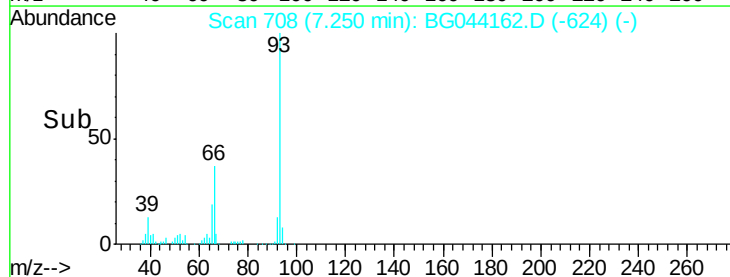
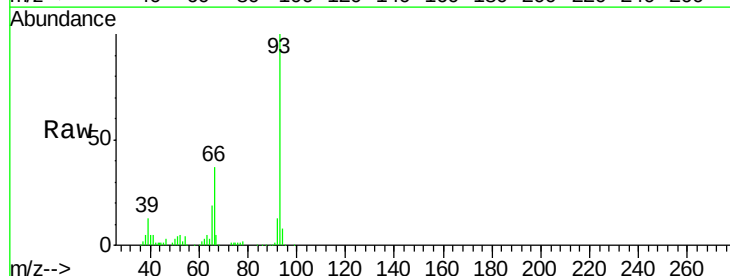
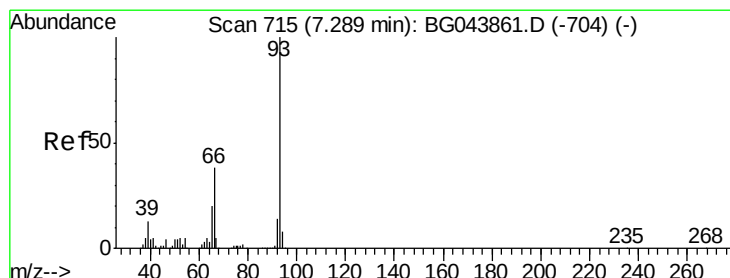
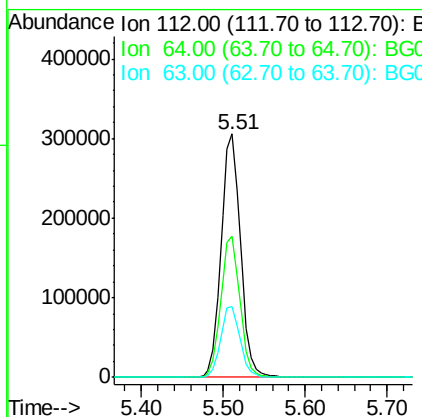
#5
2-Fluorophenol
Concen: 111.312 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tot Ion	Ratio	Resp	Lower	Upper
112	100	503629		
64	57.7		47.8	71.6
63	29.0		24.3	36.5

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

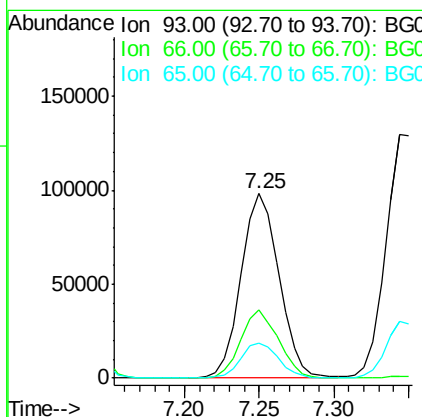
Manual Integrations
APPROVED

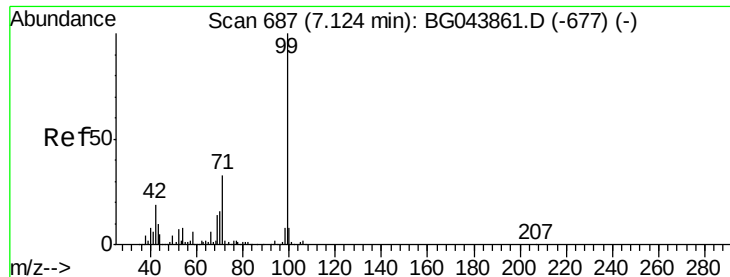
mohammad
1/23/2020 1:51:46 PM



#6
Aniline
Concen: 20.835 ng
RT: 7.25 min Scan# 708
Delta R.T. -0.04 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	173073		
66	37.0		30.8	46.2
65	19.0		16.0	24.0





#7

Phenol-d6

Concen: 108.014 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

Instrument :

BNA_G

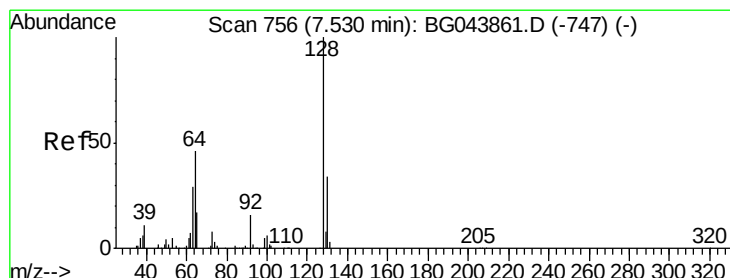
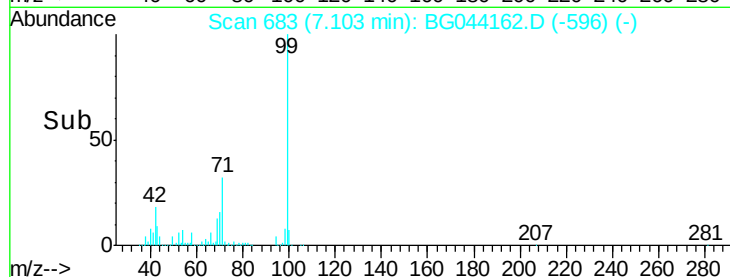
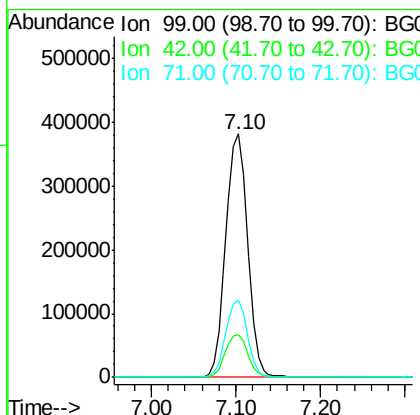
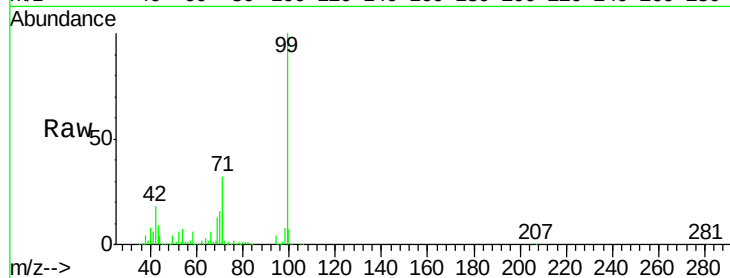
ClientSampleId :

SB-04-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		683123		
42	17.5	14.9	22.3		
71	31.8	26.4	39.6		

Manual Integrations
APPROVED

mohammad
1/23/2020 1:51:46 PM



#8

2-Chlorophenol

Concen: 44.813 ng

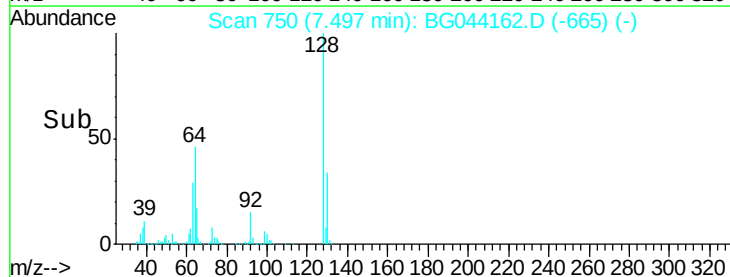
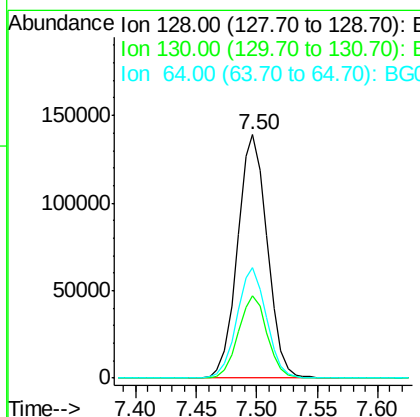
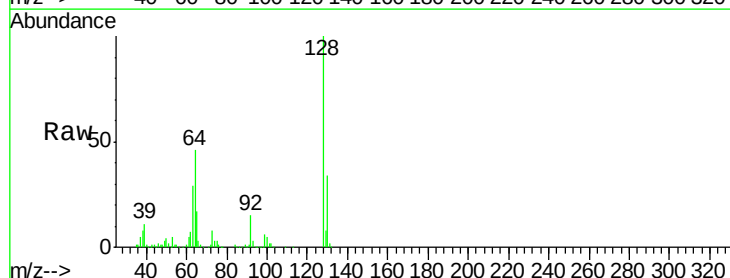
RT: 7.50 min Scan# 750

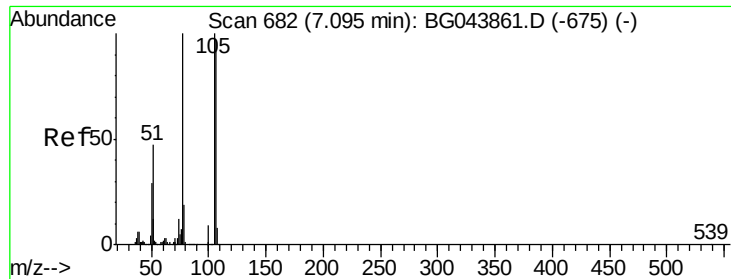
Delta R.T. -0.03 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		238032		
130	33.9	13.8	53.8		
64	45.6	27.6	67.6		





#9

Benzaldehyde

Concen: 27.948 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.03 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

Instrument :

BNA_G

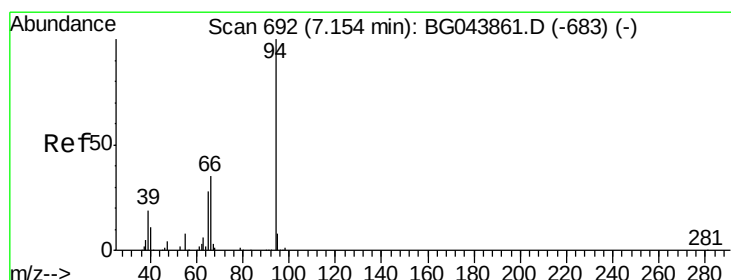
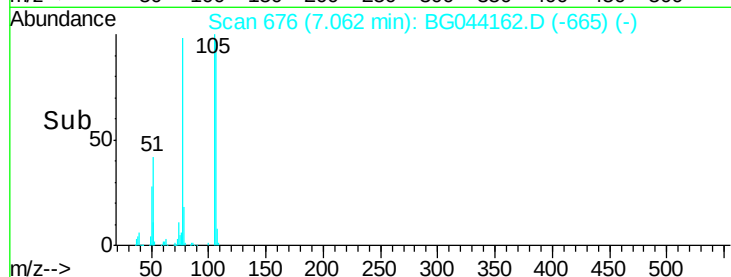
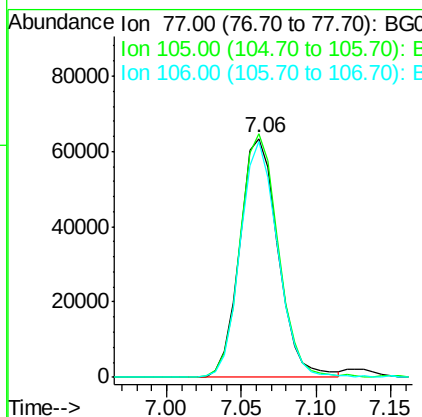
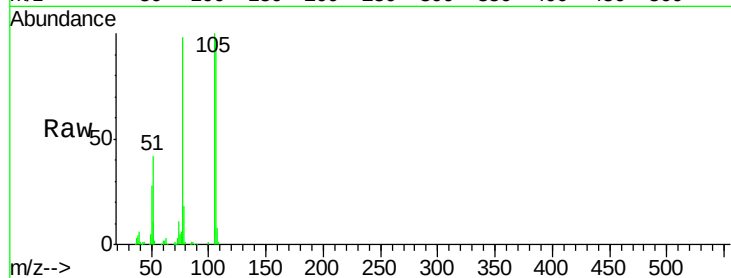
ClientSampleId :

SB-04-COMPMSD

Tot Ion:	77	Resp:	113128
Ion	Ratio	Lower	Upper
77	100		
105	101.9	80.2	120.2
106	98.6	77.2	117.2

Manual Integrations
APPROVED

mohammad
1/23/2020 1:51:46 PM



#10

Phenol

Concen: 48.087 ng

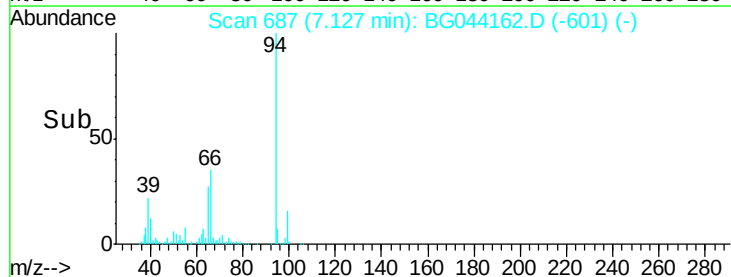
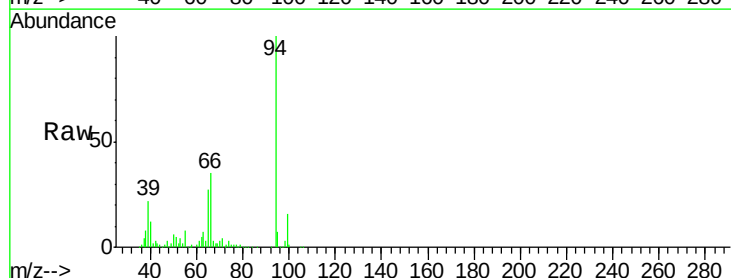
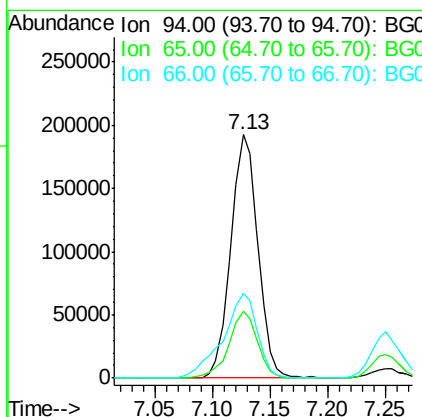
RT: 7.13 min Scan# 687

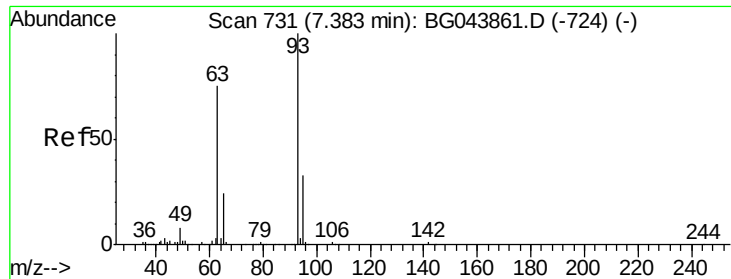
Delta R.T. -0.03 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

Tgt Ion:	94	Resp:	313341
Ion	Ratio	Lower	Upper
94	100		
65	27.4	8.1	48.1
66	34.8	15.6	55.6





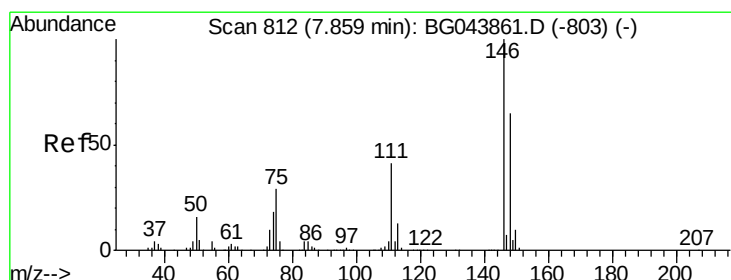
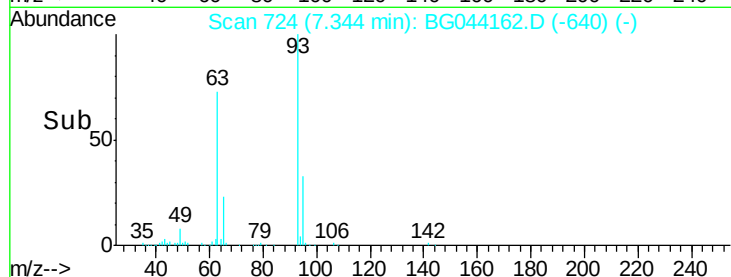
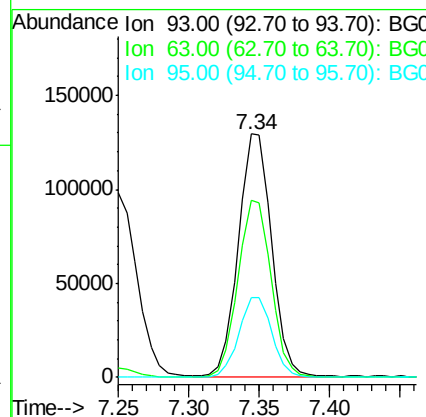
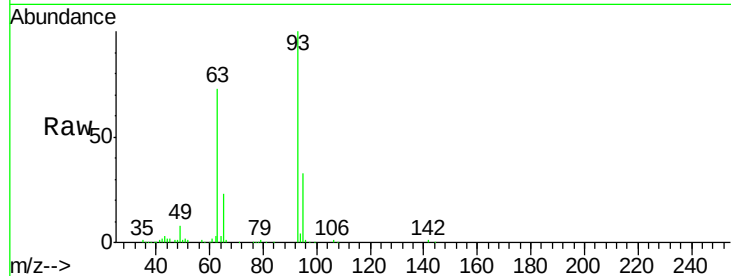
#11
bis(2-Chloroethyl)ether
Concen: 37.667 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.04 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	211866		
63	72.6		55.0	95.0
95	32.8		13.3	53.3

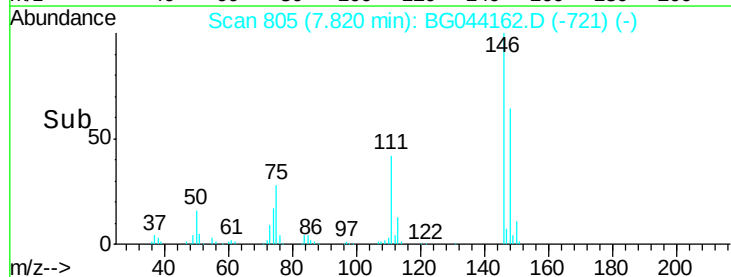
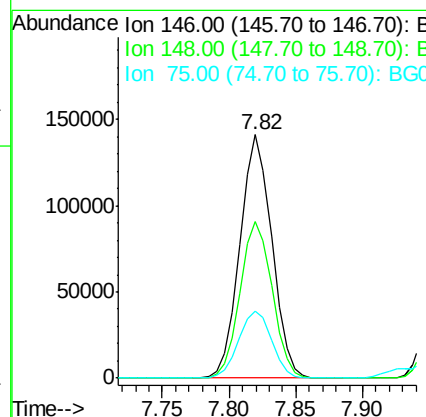
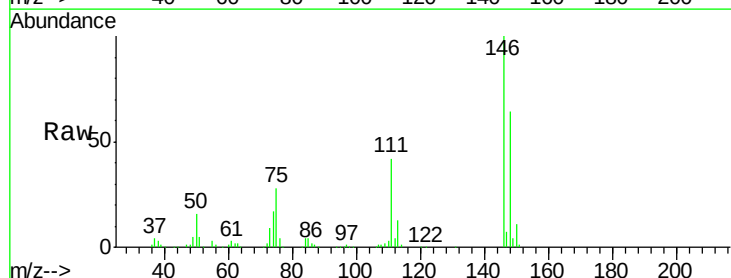
Manual Integrations
APPROVED

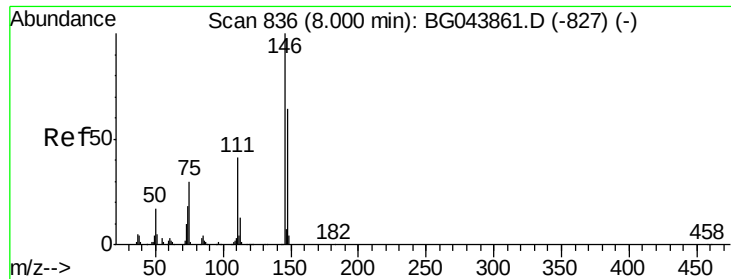
mohammad
1/23/2020 1:51:46 PM



#12
1,3-Dichlorobenzene
Concen: 37.643 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	233977		
148	64.1		52.1	78.1
75	27.7		23.0	34.4





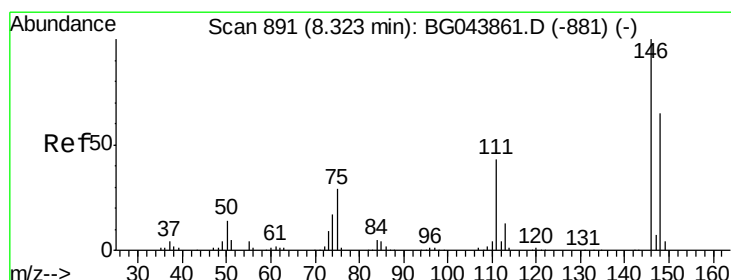
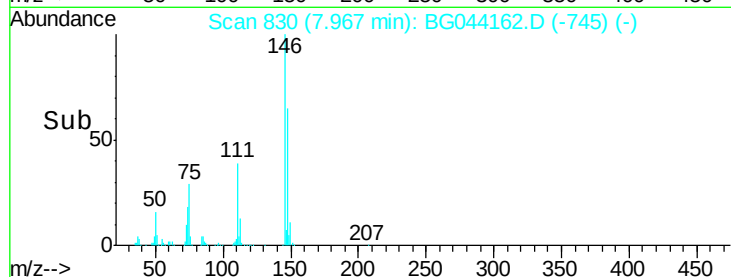
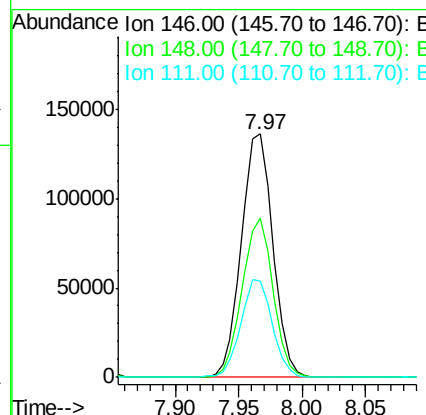
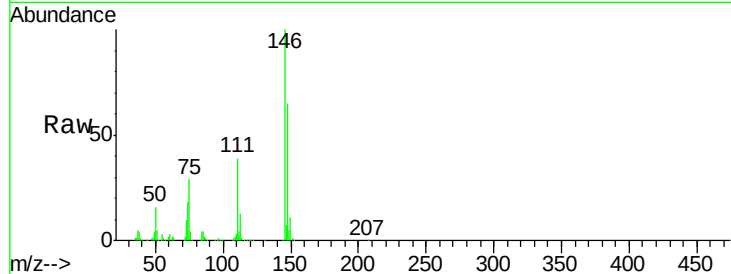
#13
1,4-Dichlorobenzene
Concen: 38.391 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.2	76.8
111	39.4	33.1	49.7

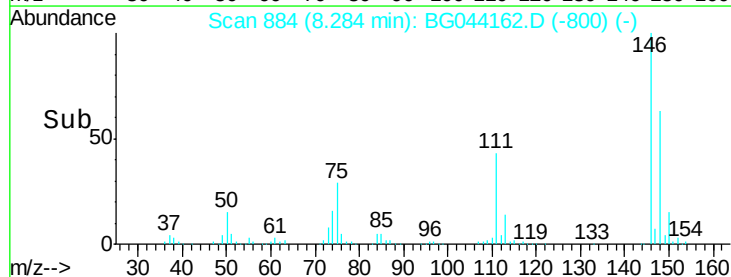
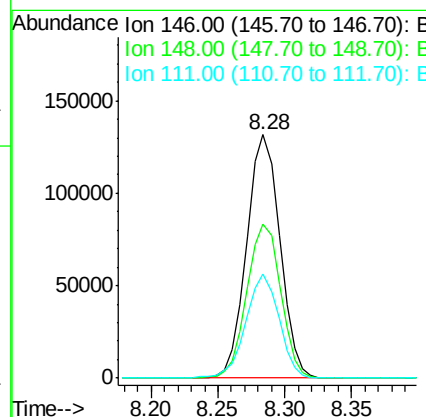
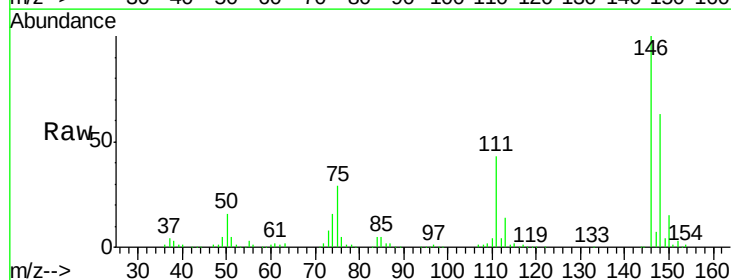
Manual Integrations
APPROVED

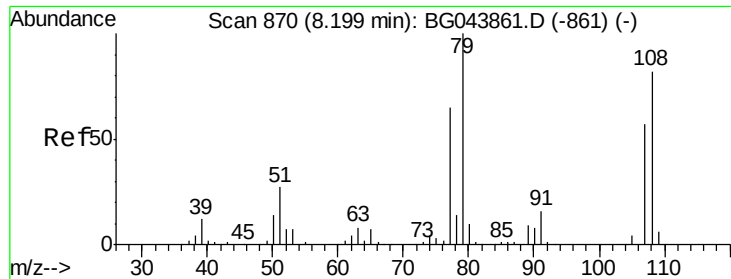
mohammad
1/23/2020 1:51:46 PM



#14
1,2-Dichlorobenzene
Concen: 38.434 ng
RT: 8.28 min Scan# 884
Delta R.T. -0.04 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.7	77.5
111	42.9	34.4	51.6





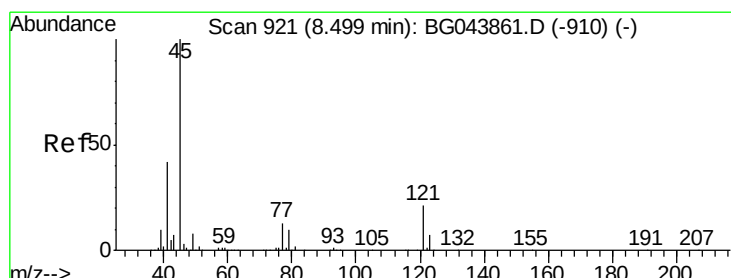
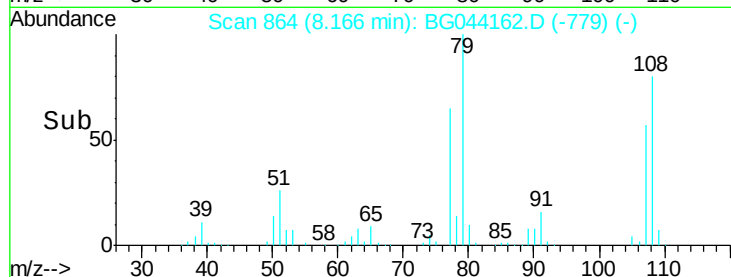
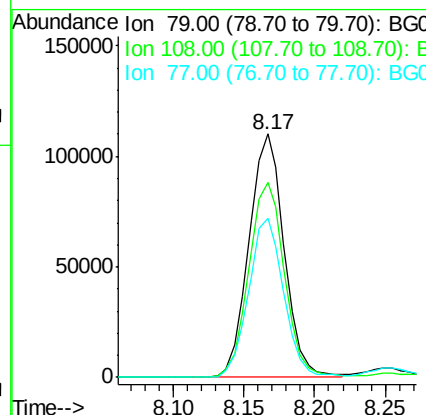
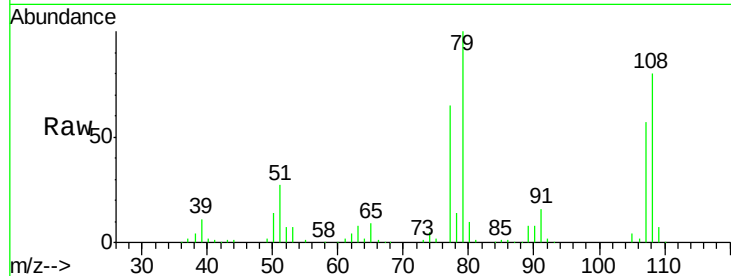
#15
Benzyl Alcohol
Concen: 38.543 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	192382		
108	80.0	65.6	98.4	
77	65.3	52.0	78.0	

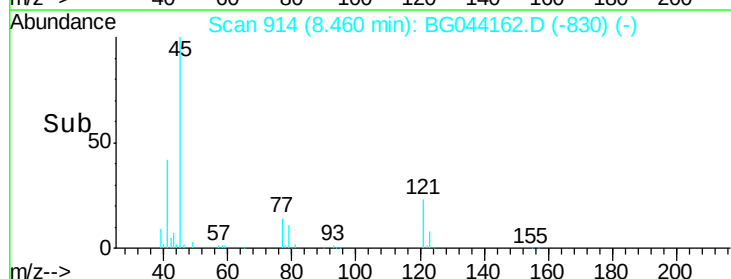
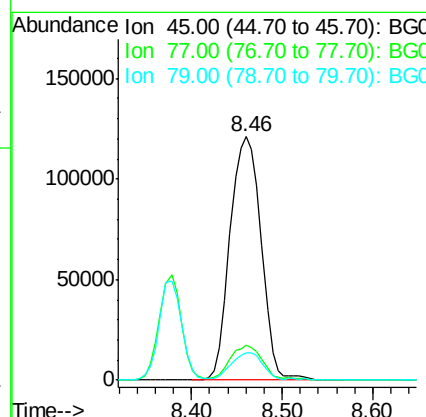
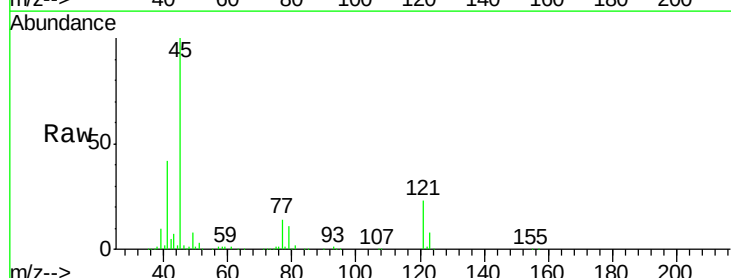
Manual Integrations
APPROVED

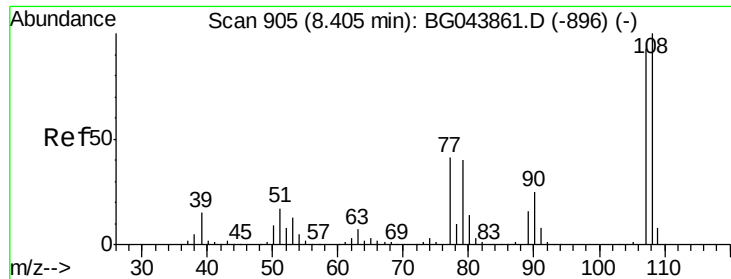
mohammad
1/23/2020 1:51:46 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.077 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.04 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	287836		
77	14.1	0.0	33.8	
79	11.2	0.0	31.0	





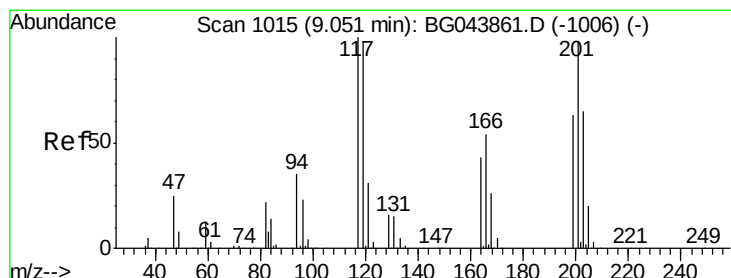
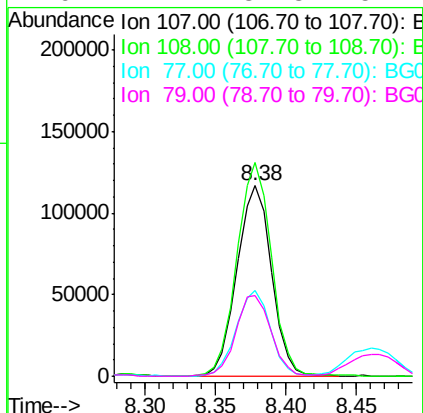
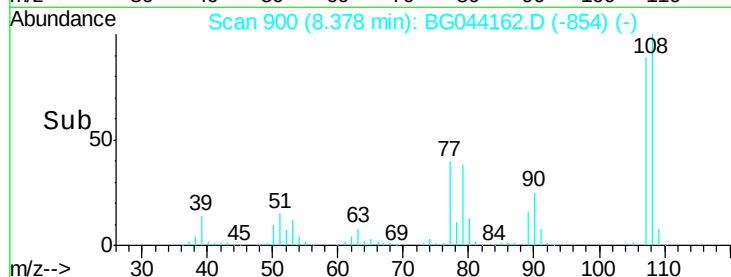
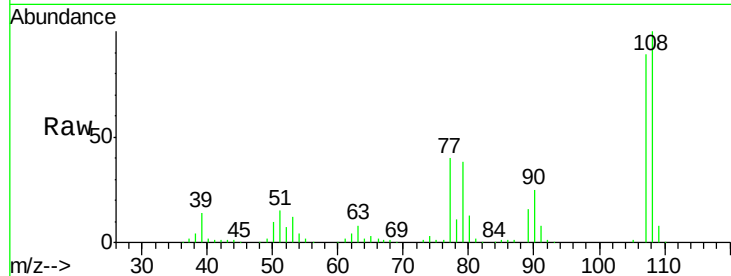
#17
2-Methylphenol
Concen: 42.166 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	86.1	129.1	
77	44.8	35.4	53.0	
79	42.1	34.8	52.2	

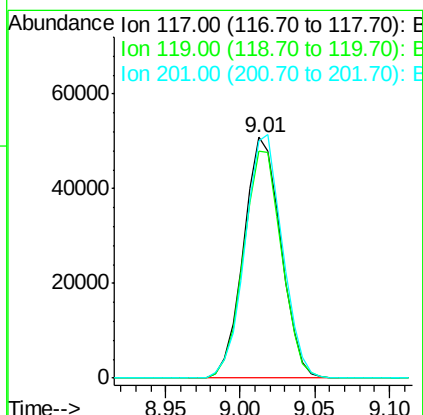
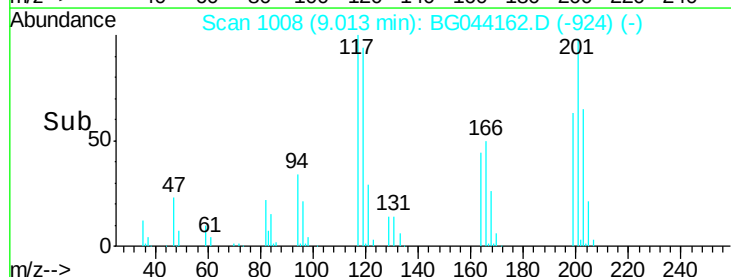
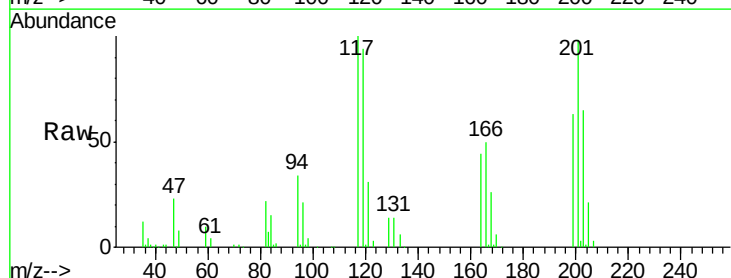
Manual Integrations
APPROVED

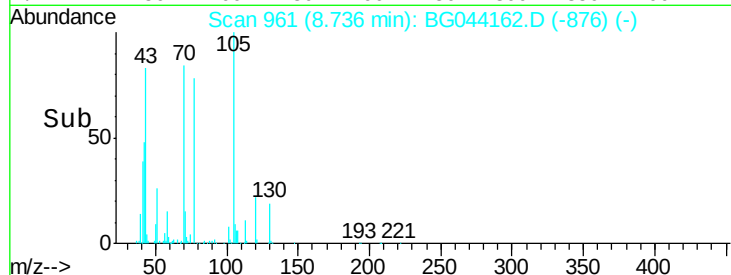
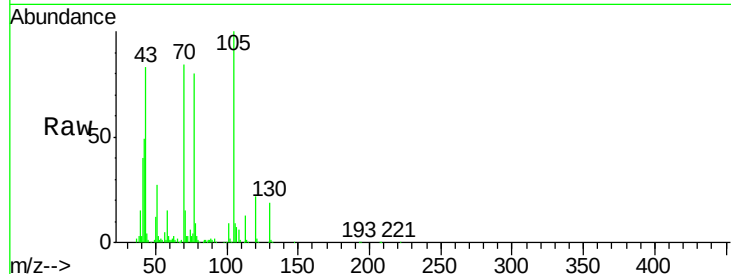
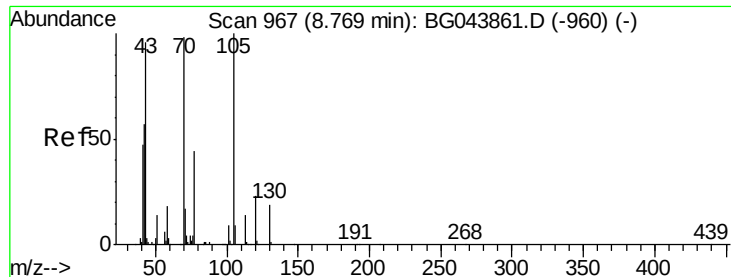
mohammad
1/23/2020 1:51:46 PM



#18
Hexachloroethane
Concen: 36.734 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.04 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	78.1	117.1	
201	98.3	78.6	117.8	





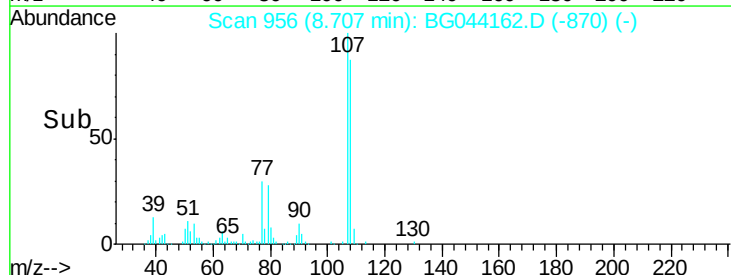
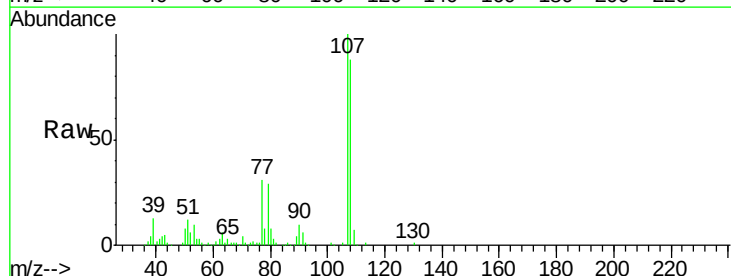
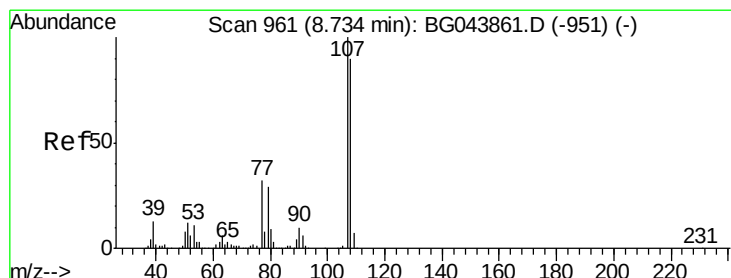
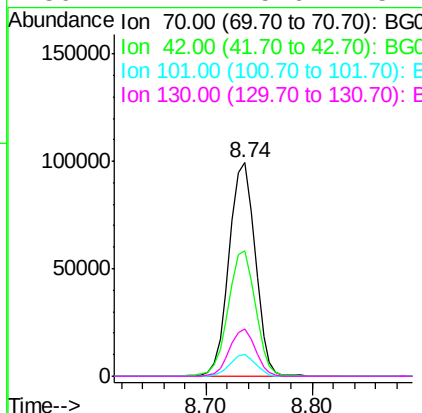
#19
n-Nitroso-di-n-propylamine
Concen: 36.117 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.5	47.0	70.4	
101	10.3	7.2	10.8	
130	22.4	15.6	23.4	

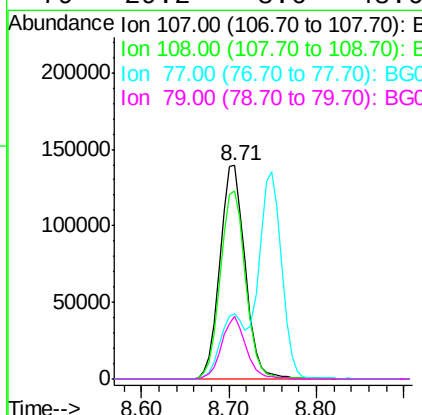
Manual Integrations
APPROVED

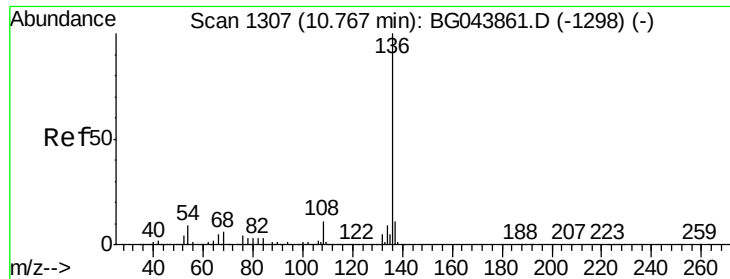
mohammad
1/23/2020 1:51:46 PM



#20
3+4-Methylphenols
Concen: 42.392 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	70.3	110.3	
77	30.7	12.4	52.4	
79	29.2	8.6	48.6	





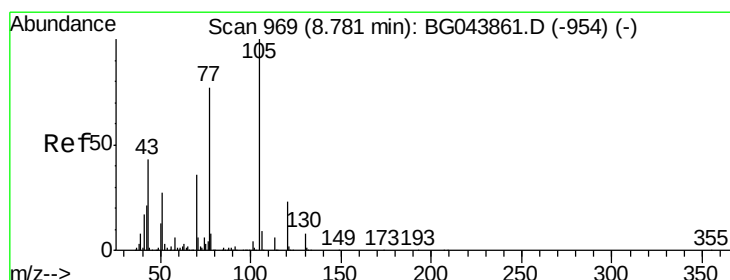
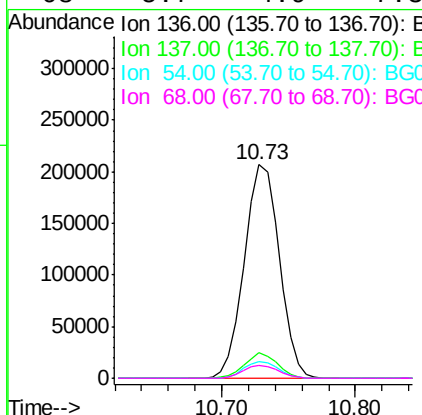
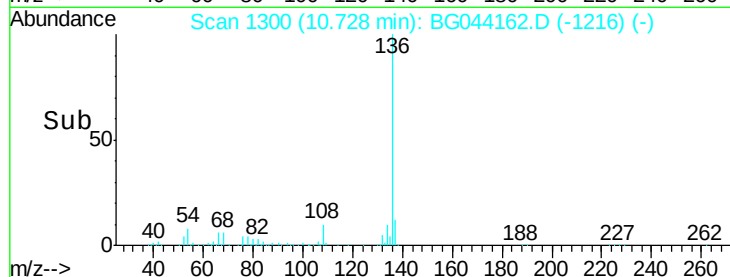
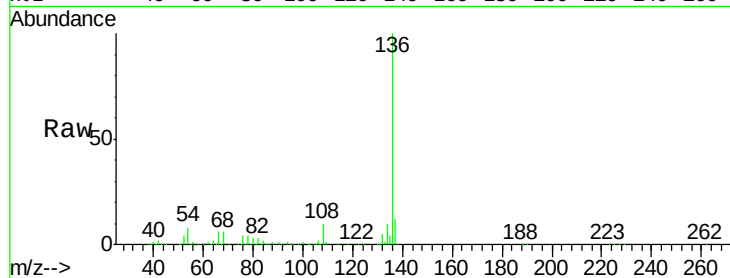
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	375622		
137	12.0		8.8	13.2
54	7.7		7.0	10.4
68	5.7		4.9	7.3

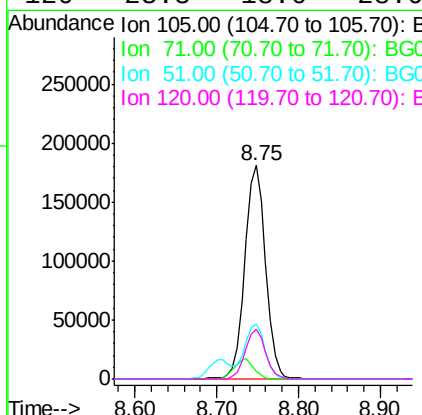
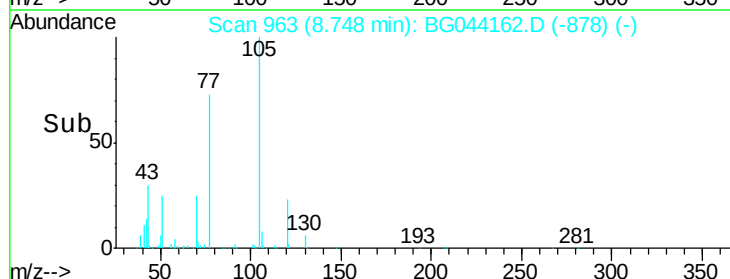
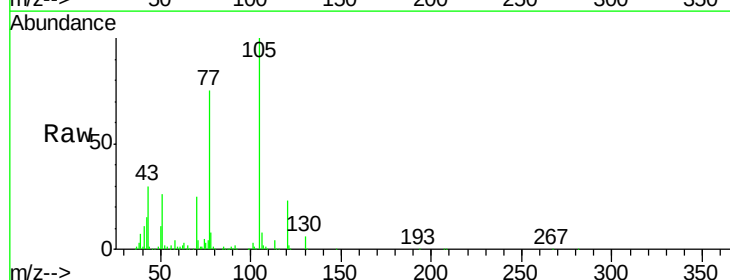
Manual Integrations
APPROVED

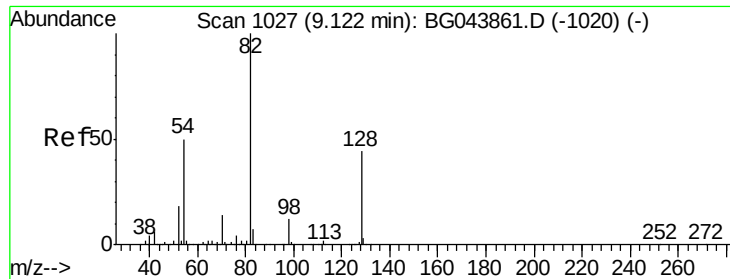
mohammad
1/23/2020 1:51:46 PM



#22
Acetophenone
Concen: 34.266 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	319985		
71	3.7		4.8	7.2#
51	25.8		21.4	32.0
120	23.3		18.6	28.0





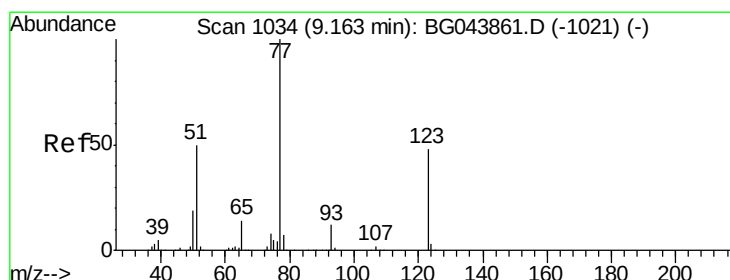
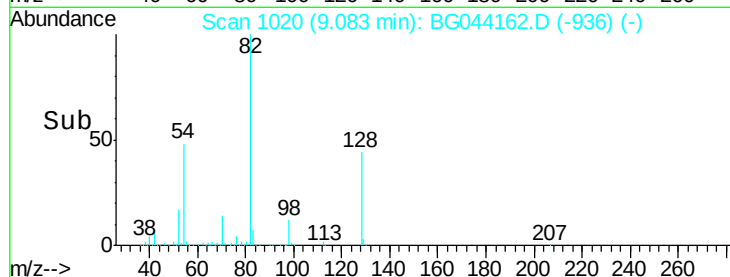
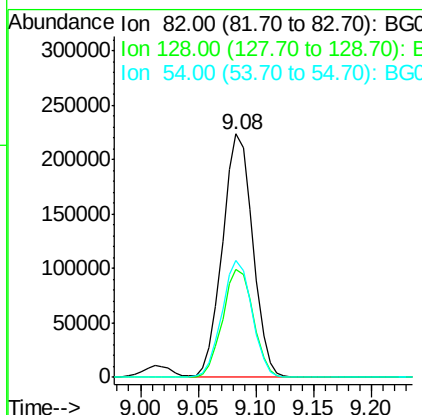
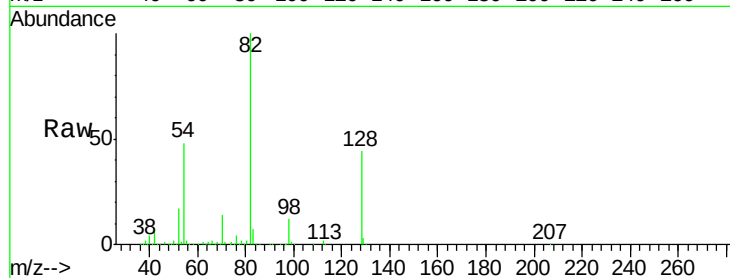
#23
 Nitrobenzene-d5
 Concen: 57.969 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.04 min
 Lab File: BG044162.D
 Acq: 22 Jan 2020 17:39

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.1	52.7
54	48.1	40.1	60.1

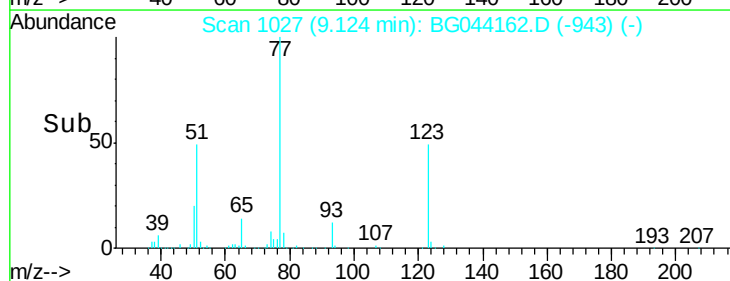
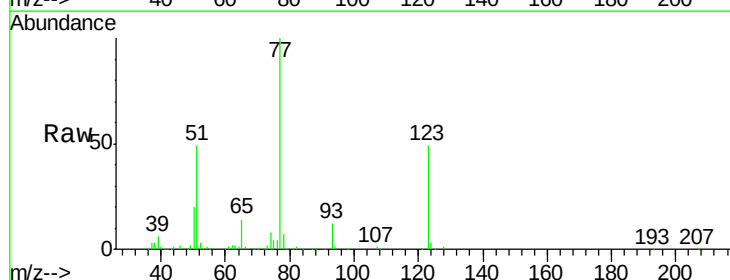
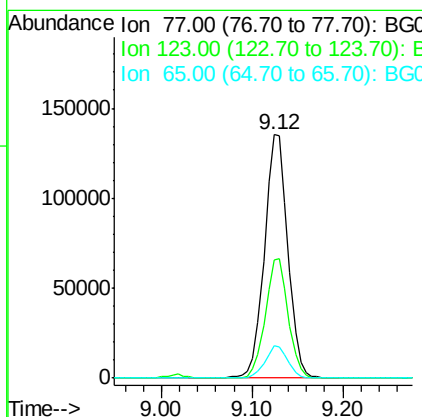
Manual Integrations
 APPROVED

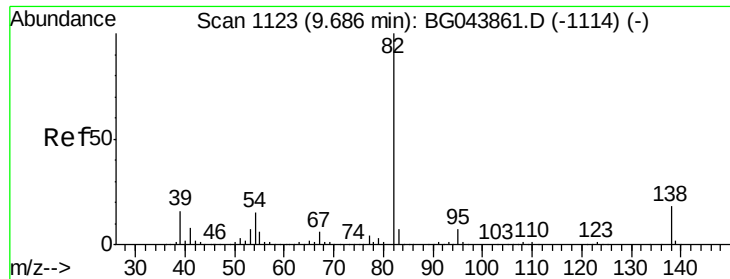
mohammad
 1/23/2020 1:51:46 PM



#24
 Nitrobenzene
 Concen: 35.065 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.04 min
 Lab File: BG044162.D
 Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	38.7	58.1
65	13.5	11.1	16.7





#25

Isophorone

Concen: 35.719 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

Instrument :

BNA_G

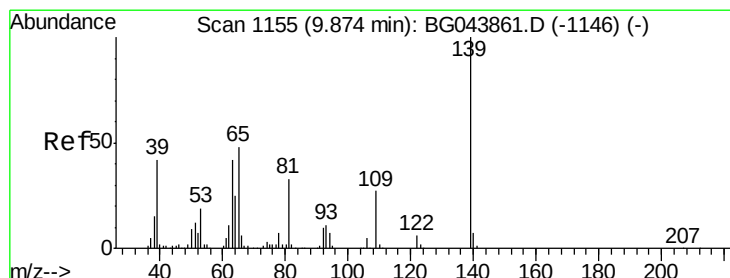
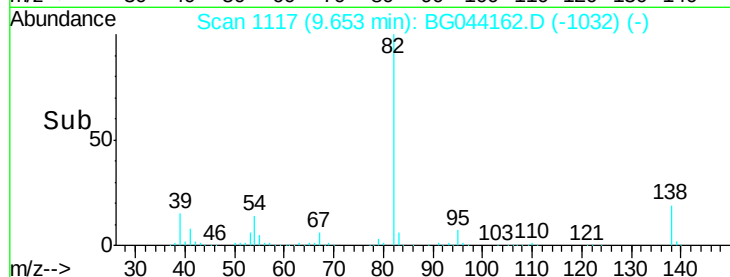
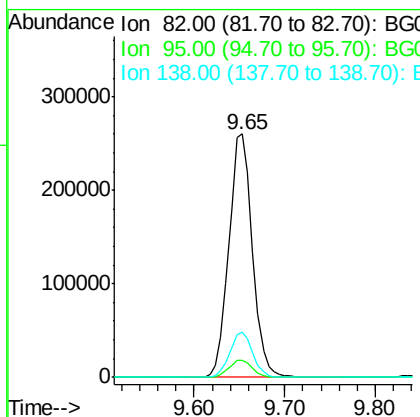
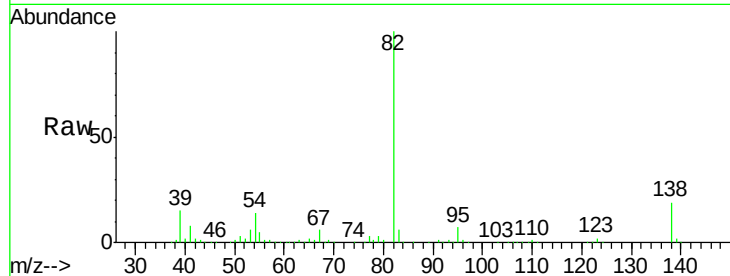
ClientSampleId :

SB-04-COMPMSD

Tot Ion:	82	Resp:	470529
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.8	8.6
138	18.7	14.6	22.0

Manual Integrations
APPROVED

mohammad
1/23/2020 1:51:46 PM



#26

2-Nitrophenol

Concen: 39.882 ng

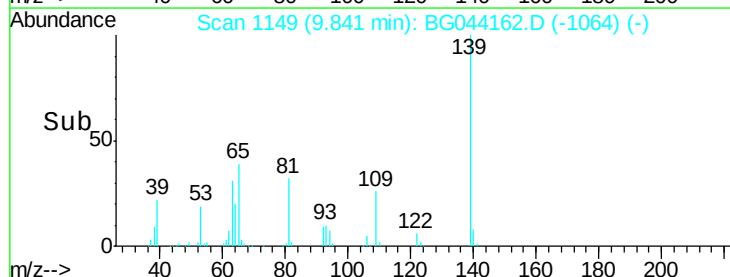
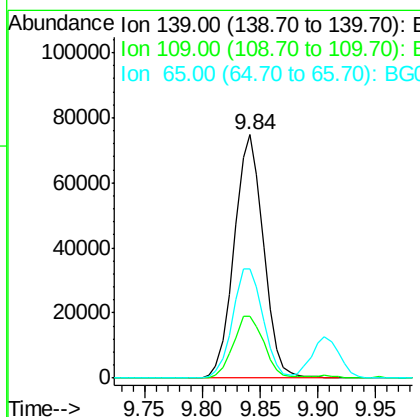
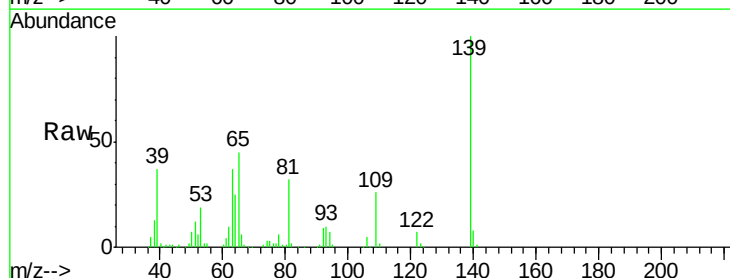
RT: 9.84 min Scan# 1149

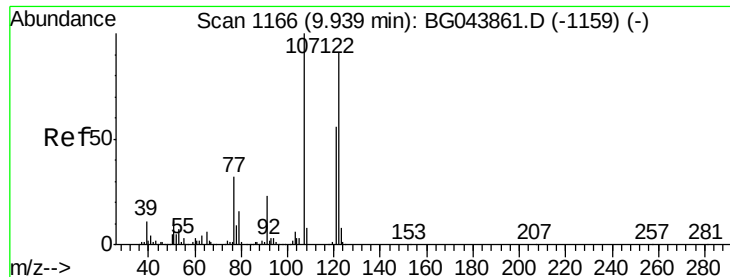
Delta R.T. -0.03 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

Tgt Ion:	139	Resp:	131220
Ion Ratio	Lower	Upper	
139	100		
109	25.5	21.3	31.9
65	44.6	38.6	57.8





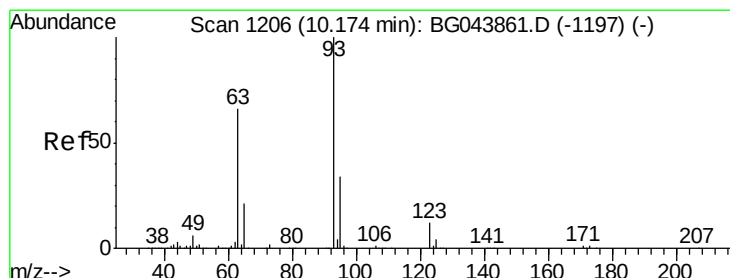
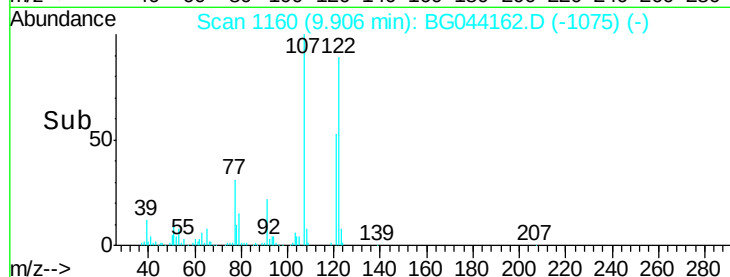
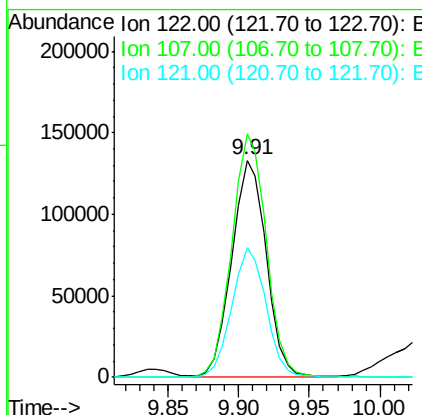
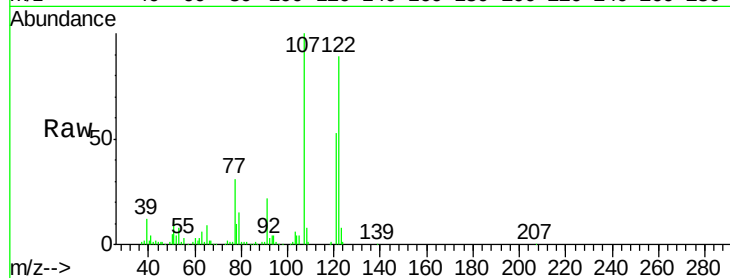
#27
2,4-Dimethylphenol
Concen: 45.652 ng
RT: 9.91 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	226099		
107	112.2	88.0	132.0	
121	59.8	49.0	73.4	

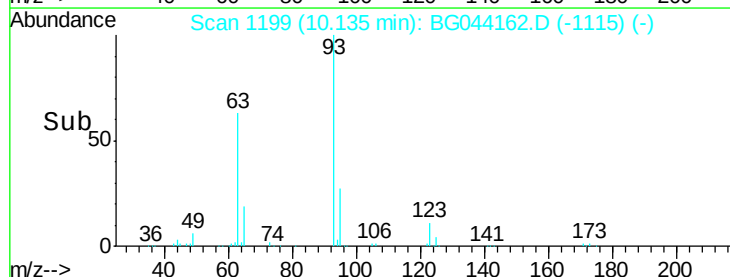
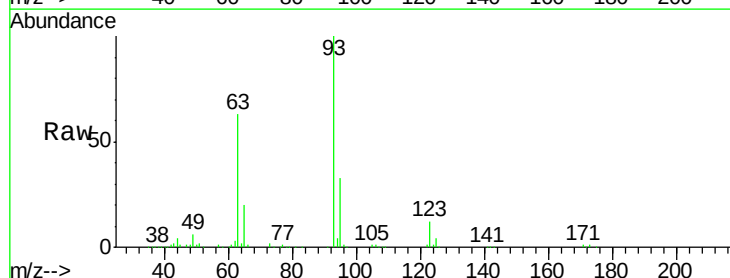
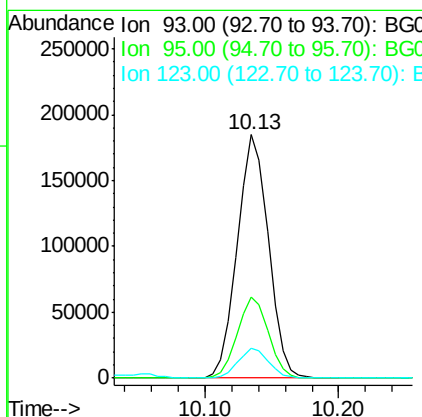
Manual Integrations
APPROVED

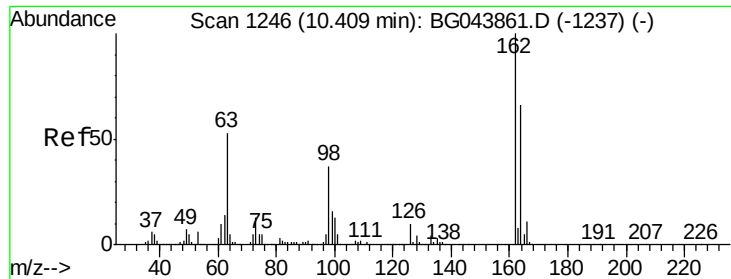
mohammad
1/23/2020 1:51:46 PM



#28
bis(2-Chloroethoxy)methane
Concen: 34.060 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.04 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	299121		
95	33.2	27.2	40.8	
123	12.3	9.7	14.5	





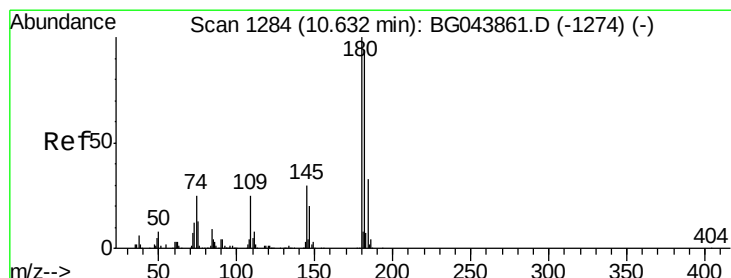
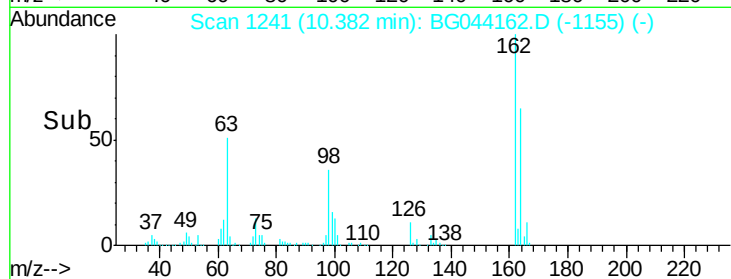
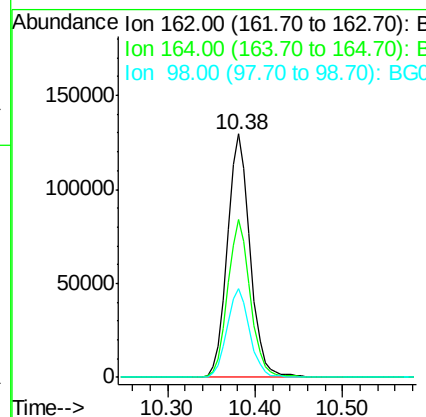
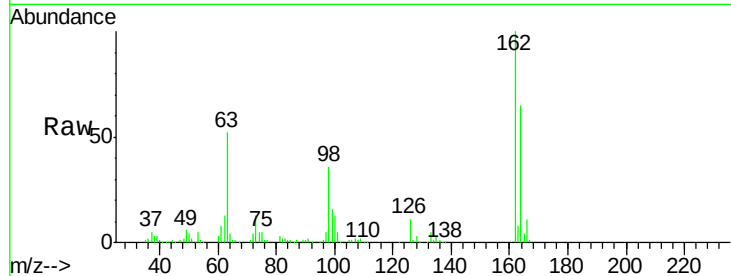
#29
2,4-Dichlorophenol
Concen: 39.255 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.6	46.3	86.3
98	36.3	17.3	57.3

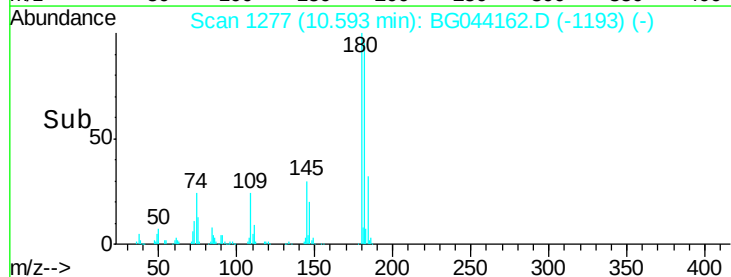
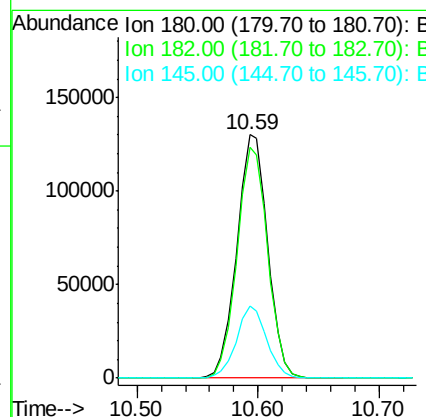
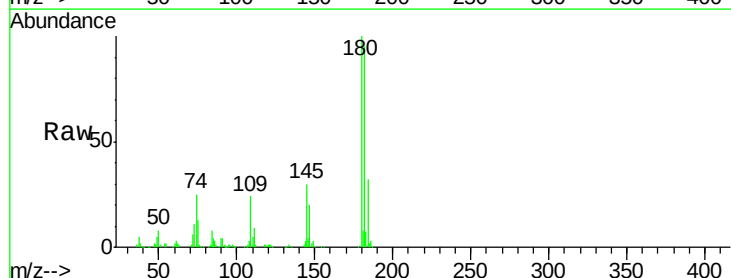
Manual Integrations
APPROVED

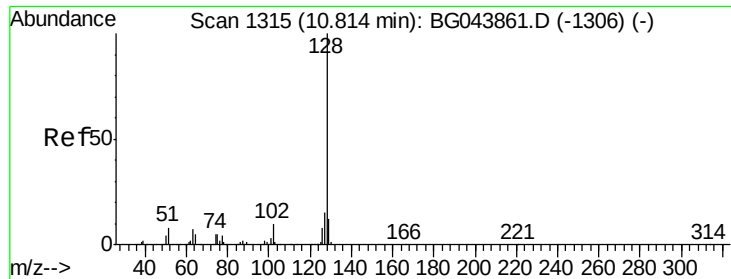
mohammad
1/23/2020 1:51:46 PM



#30
1,2,4-Trichlorobenzene
Concen: 34.841 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.04 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.6	75.0	112.4
145	29.5	24.2	36.4





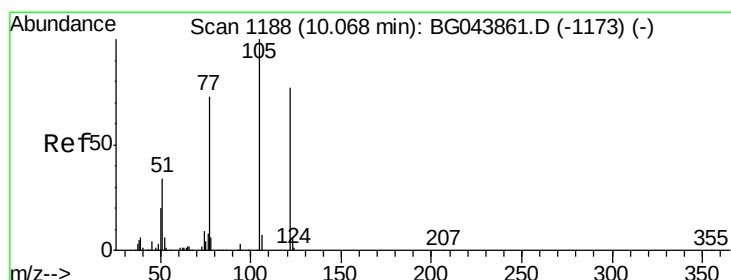
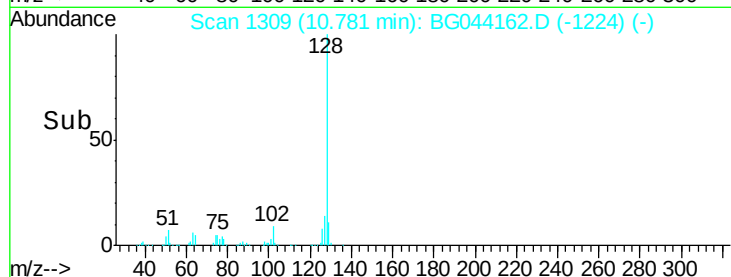
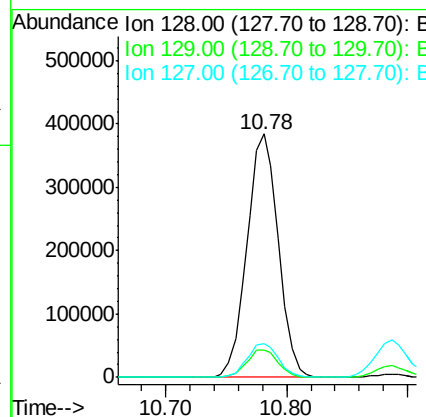
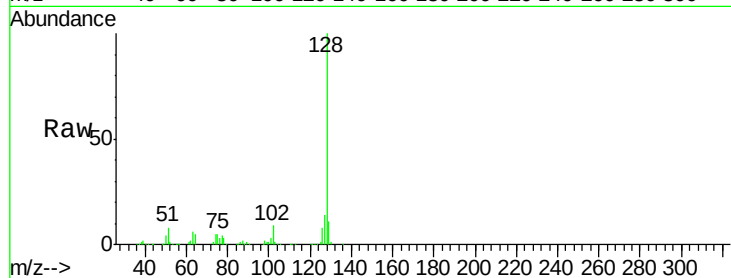
#31
Naphthalene
Concen: 38.052 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.6
127	14.1	12.0	18.0

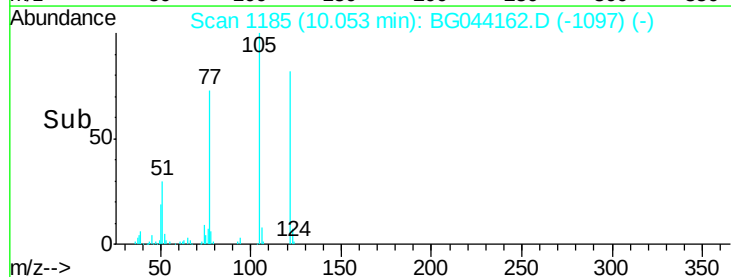
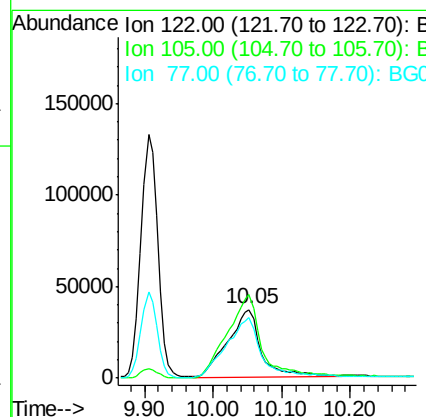
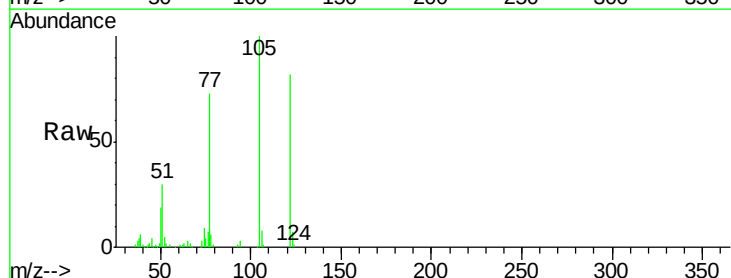
Manual Integrations
APPROVED

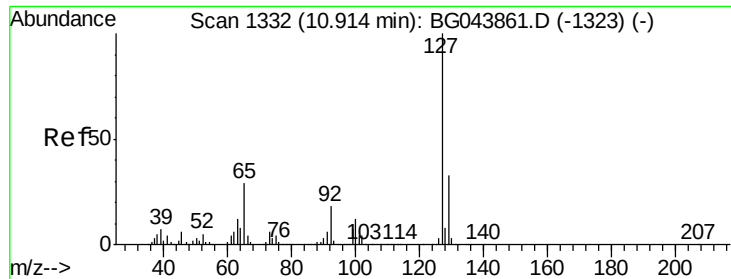
mohammad
1/23/2020 1:51:46 PM



#32
Benzoic acid
Concen: 33.239 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.4	106.4	146.4
77	88.8	74.6	114.6





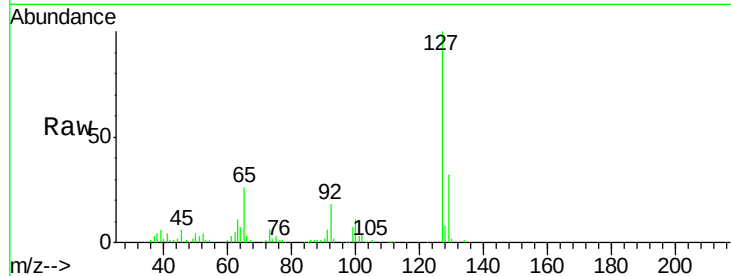
#33
4-Chloroaniline
Concen: 13.389 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

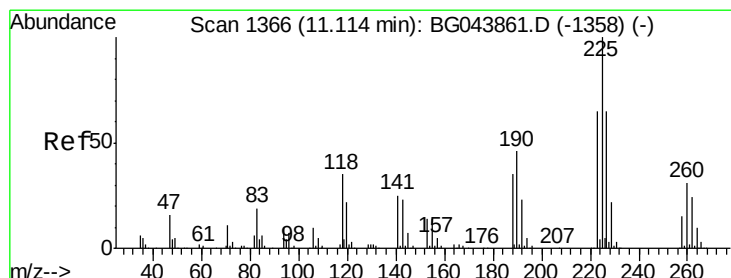
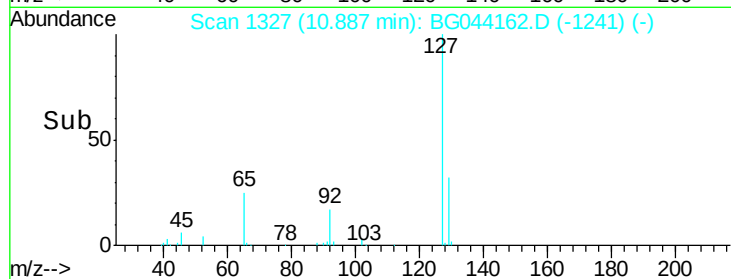
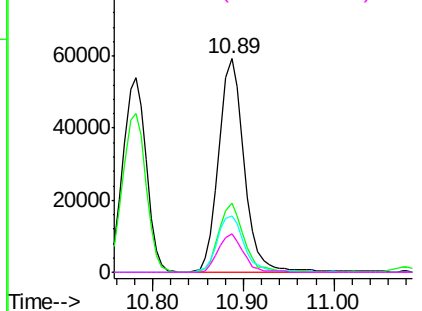
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		116081		
129	32.3	26.6	40.0		
65	26.3	23.3	34.9		
92	17.7	14.7	22.1		

Manual Integrations
APPROVED

mohammad
1/23/2020 1:51:46 PM

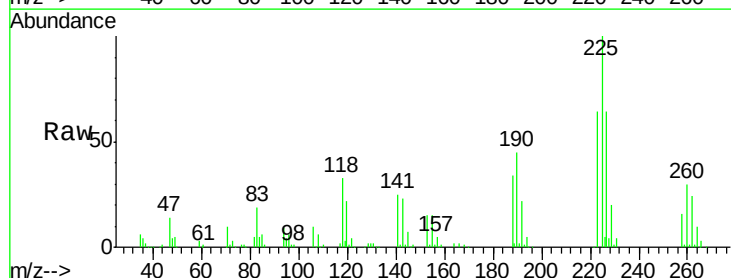


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

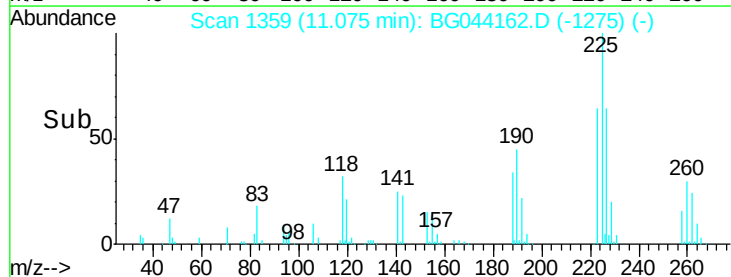
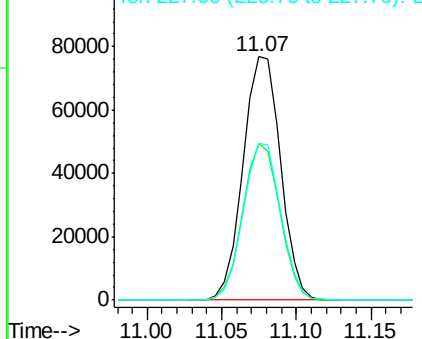


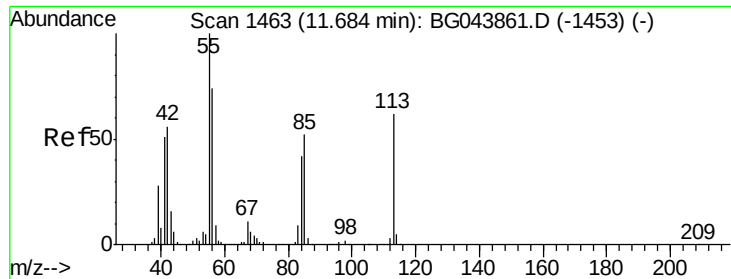
#34
Hexachlorobutadiene
Concen: 33.044 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.04 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		133639		
223	64.5	52.2	78.4		
227	64.4	52.1	78.1		



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





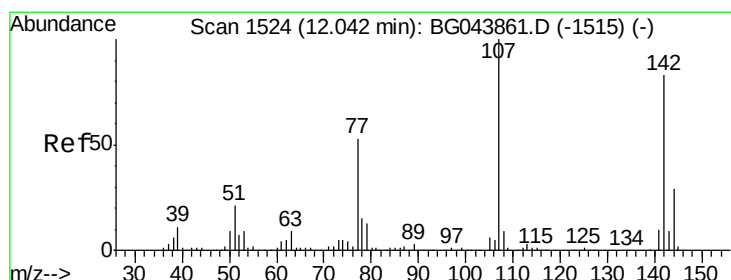
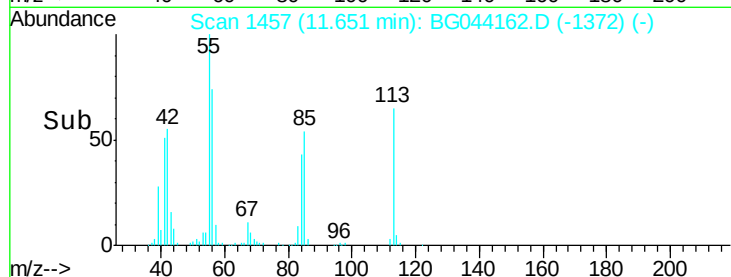
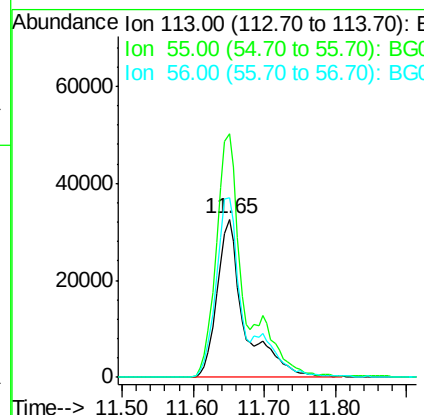
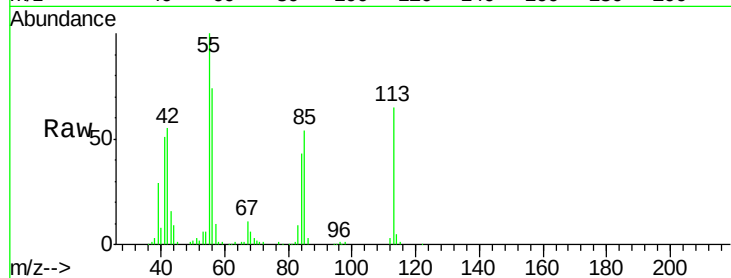
#35
Caprolactam
Concen: 39.906 ng/ml
RT: 11.65 min Scan# 1457
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	154.1	142.5	182.5
56	113.6	101.4	141.4

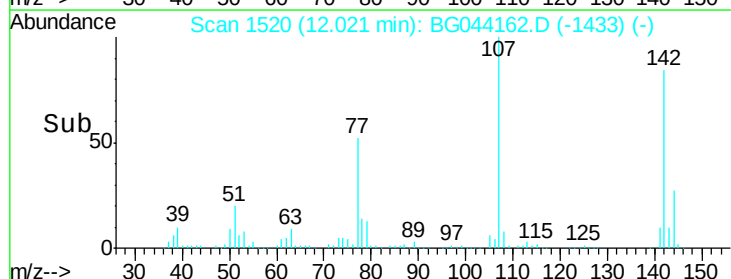
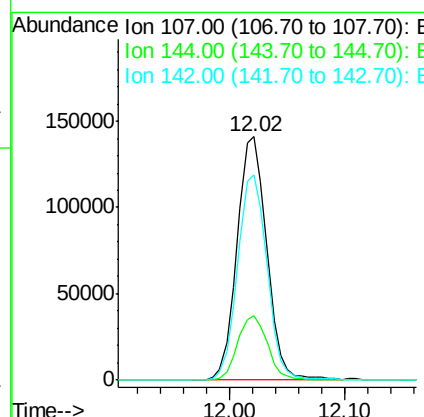
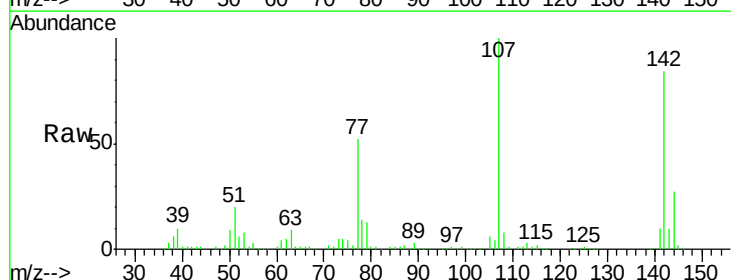
Manual Integrations
APPROVED

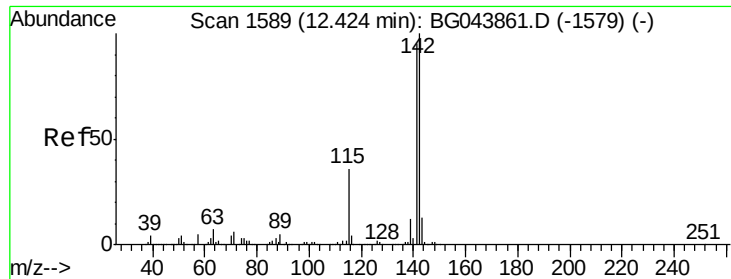
mohammad
1/23/2020 1:51:46 PM



#36
4-Chloro-3-methylphenol
Concen: 40.034 ng/ml
RT: 12.02 min Scan# 1520
Delta R.T. -0.02 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	23.4	35.2
142	84.4	66.3	99.5





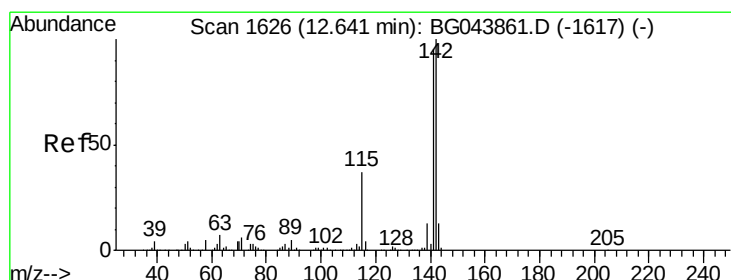
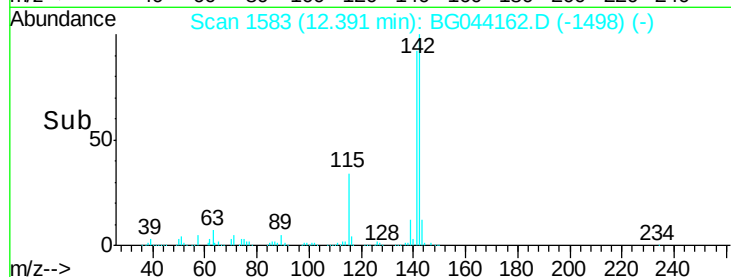
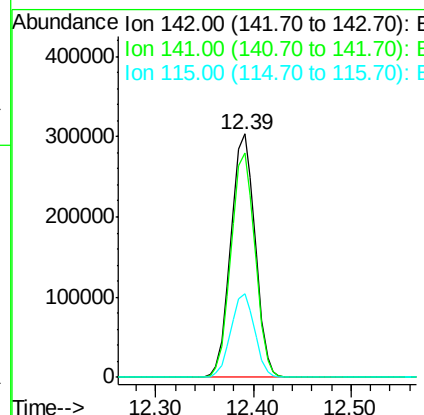
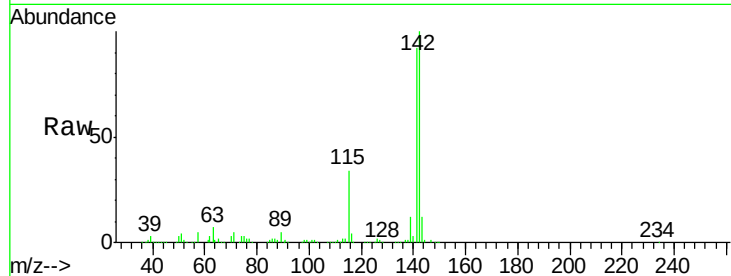
#37
2-Methylnaphthalene
Concen: 38.263 ng
RT: 12.39 min Scan# 1583
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	75.8	113.8
115	34.4	28.6	42.8

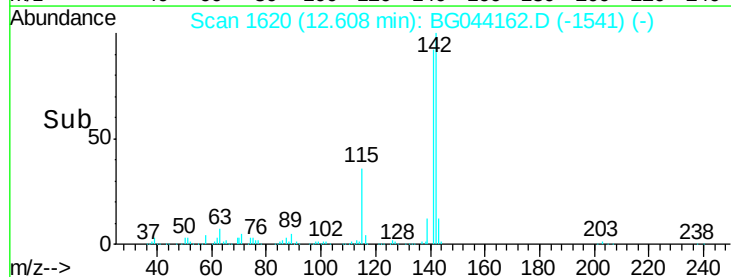
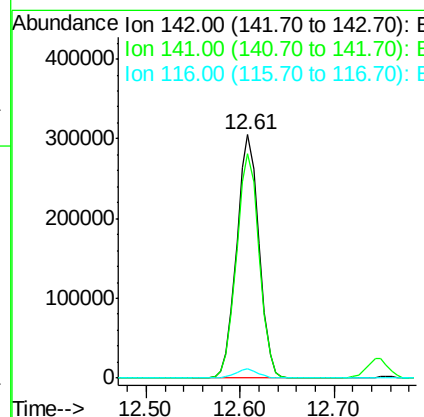
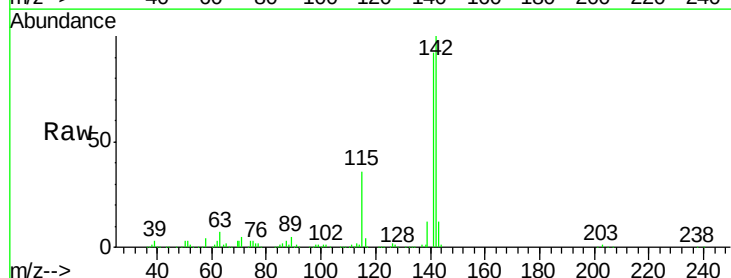
Manual Integrations
APPROVED

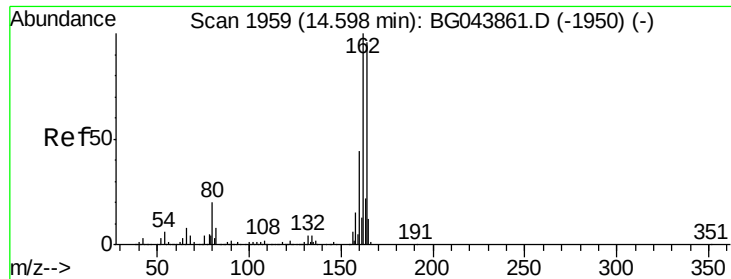
mohammad
1/23/2020 1:51:46 PM



#38
1-Methylnaphthalene
Concen: 38.663 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	76.0	114.0
116	3.7	3.1	4.7





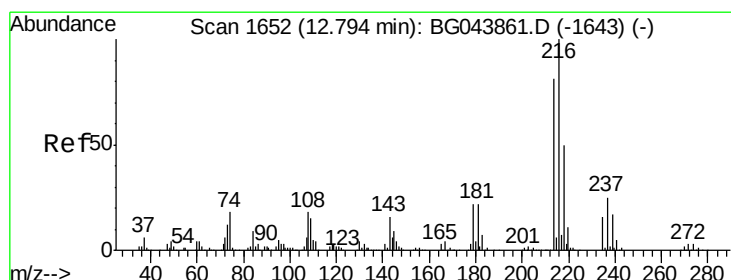
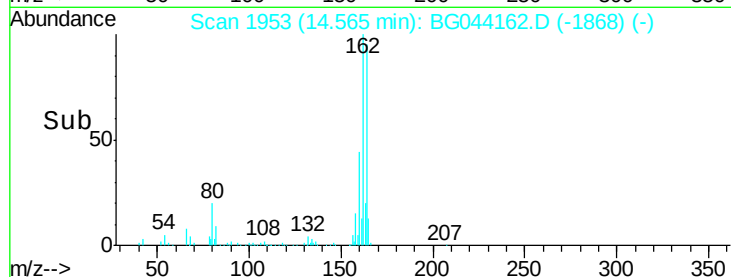
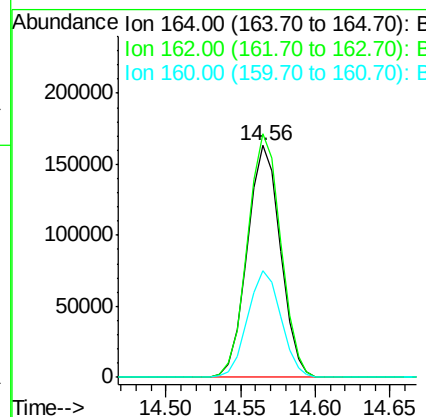
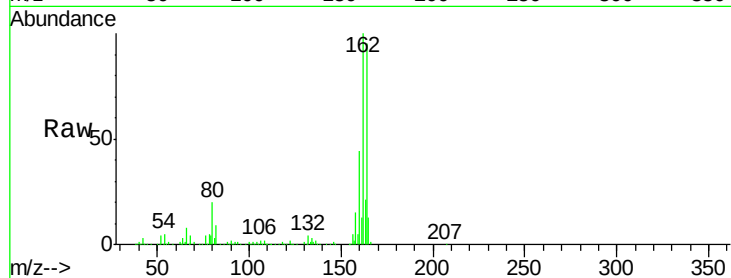
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	250494		
162	104.9	83.0	124.4	
160	46.0	36.1	54.1	

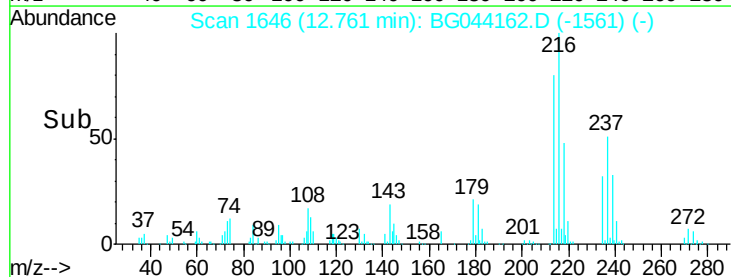
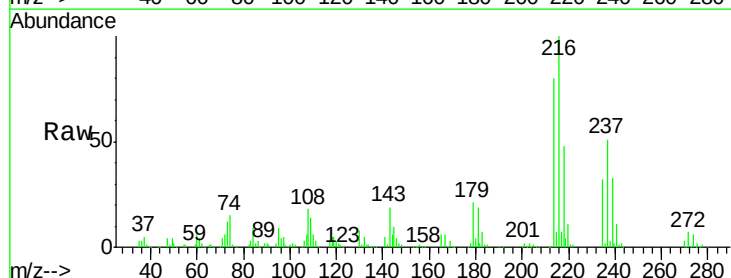
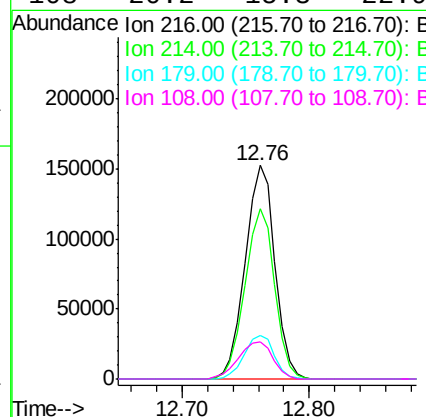
Manual Integrations
APPROVED

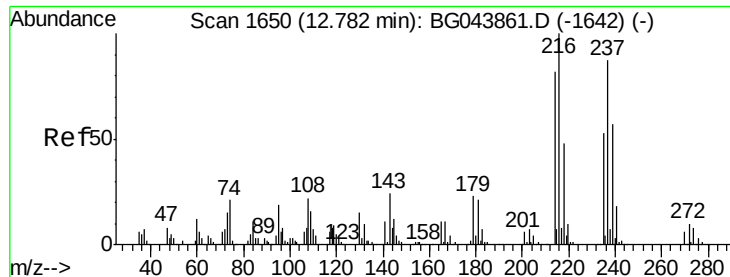
mohammad
1/23/2020 1:51:46 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.726 ng
RT: 12.76 min Scan# 1646
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	247617		
214	79.4	63.8	95.8	
179	20.9	17.3	25.9	
108	20.2	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 83.145 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.03 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

Instrument :

BNA_G

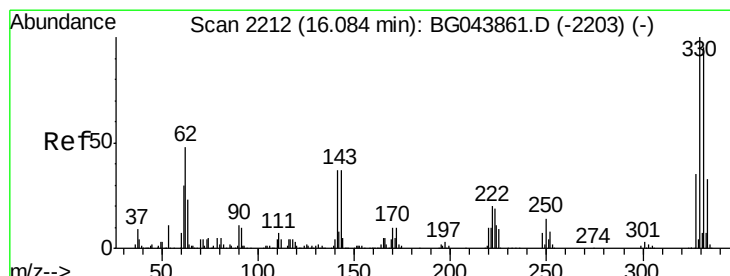
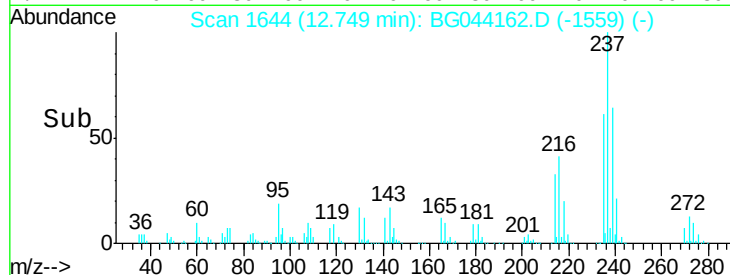
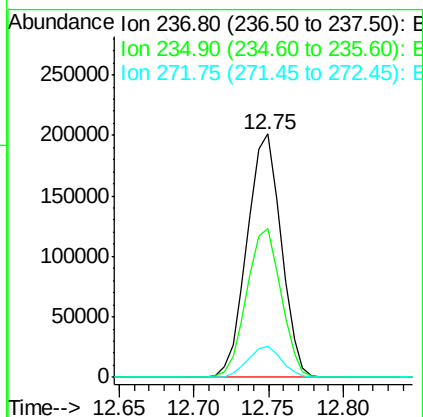
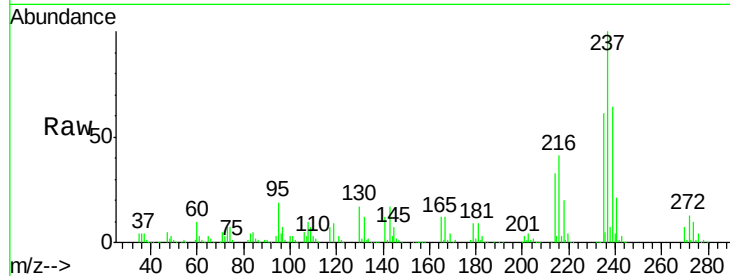
ClientSampleId :

SB-04-COMPMSD

Tot Ion:	237	Resp:	316482
Ion Ratio	Lower	Upper	
237	100		
235	61.3	41.1	81.1
272	12.8	0.0	31.7

Manual Integrations
APPROVED

mohammad
1/23/2020 1:51:46 PM



#42

2,4,6-Tribromophenol

Concen: 96.133 ng

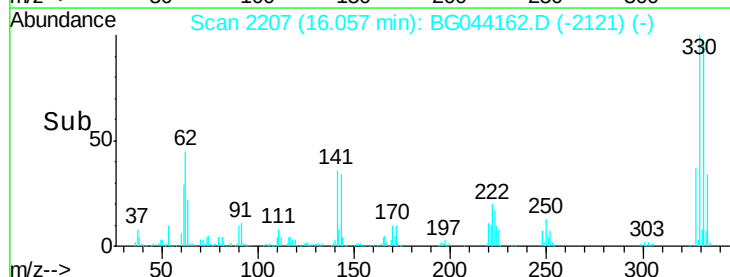
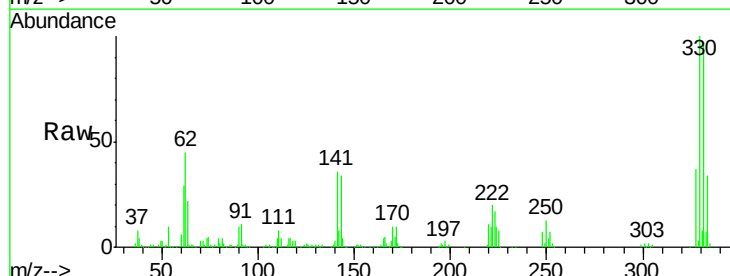
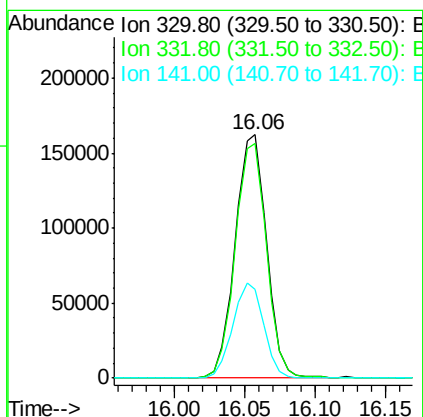
RT: 16.06 min Scan# 2207

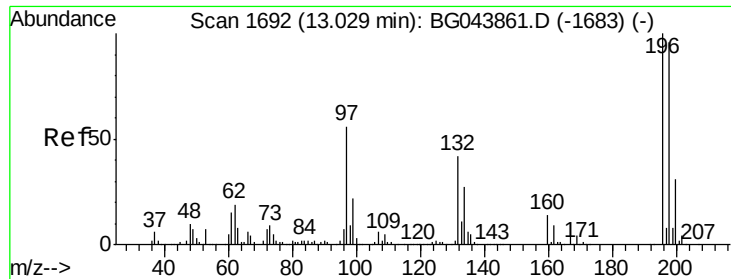
Delta R.T. -0.03 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

Tgt Ion:	330	Resp:	251999
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.2	115.8
141	38.6	33.1	49.7





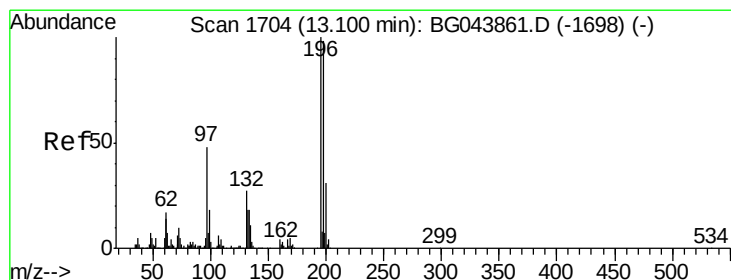
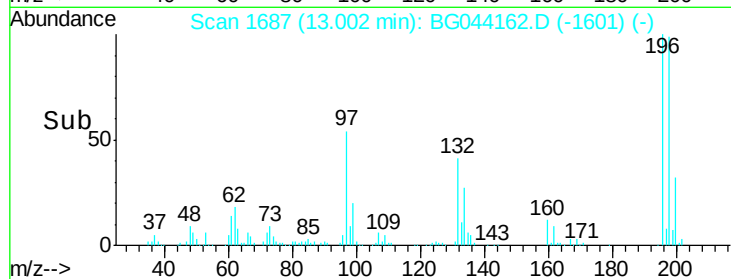
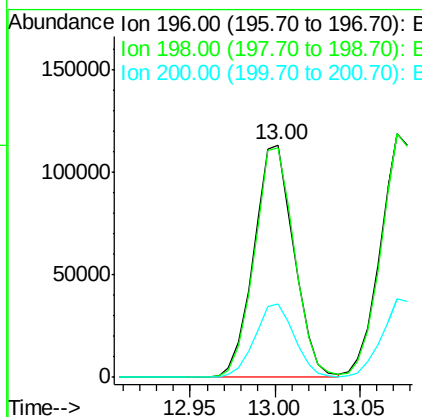
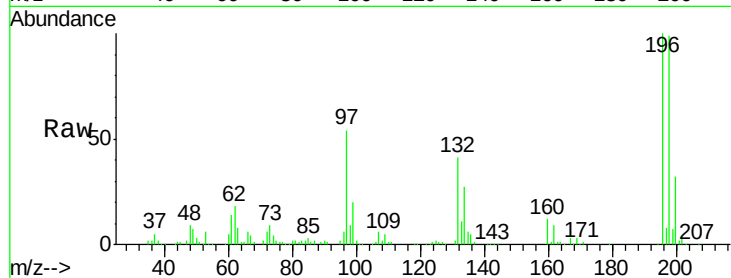
#43
 2,4,6-Trichlorophenol
 Concen: 36.752 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044162.D
 Acq: 22 Jan 2020 17:39

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.7	76.6	115.0
200	31.6	24.6	37.0

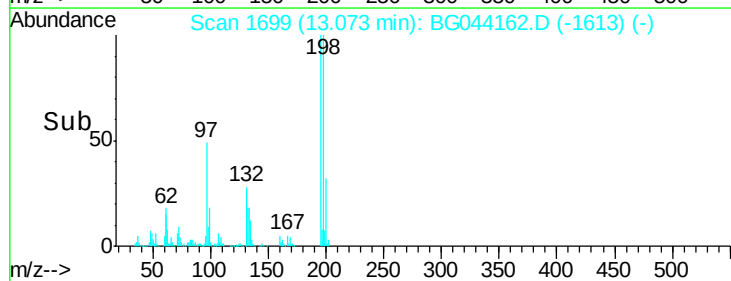
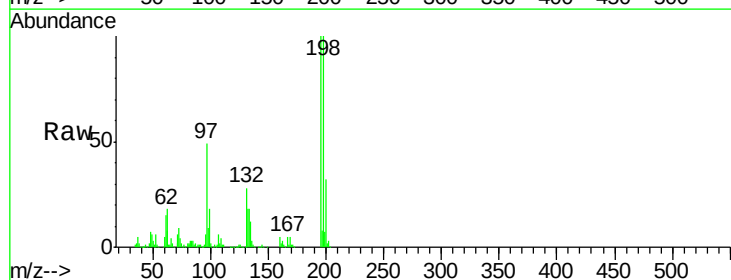
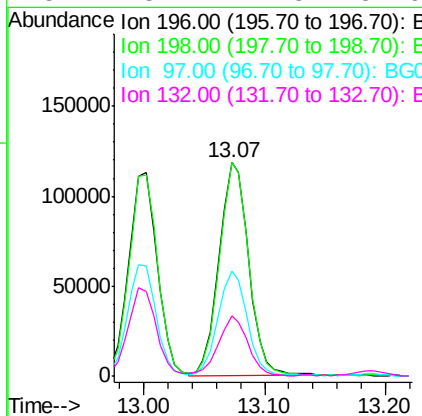
Manual Integrations
 APPROVED

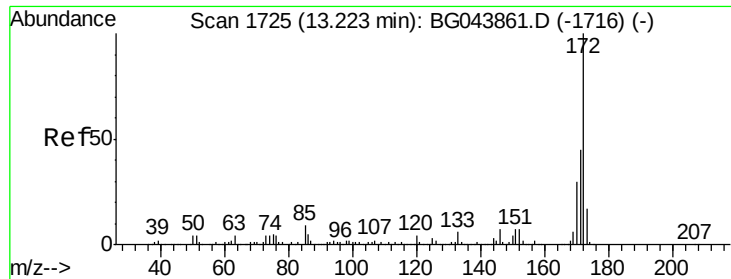
mohammad
 1/23/2020 1:51:46 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.668 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.03 min
 Lab File: BG044162.D
 Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.0	78.3	117.5
97	49.2	38.8	58.2
132	28.4	21.3	31.9





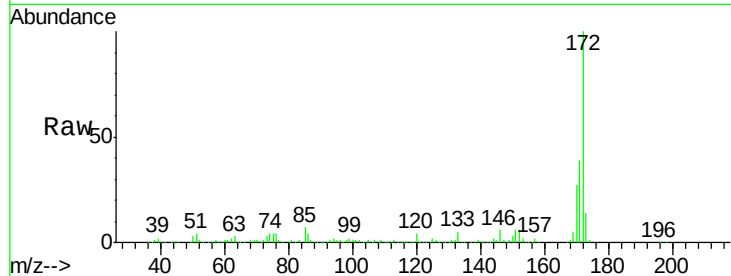
#45
2-Fluorobiphenyl
Concen: 66.635 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

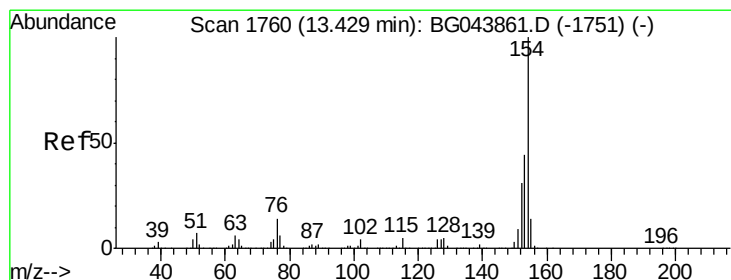
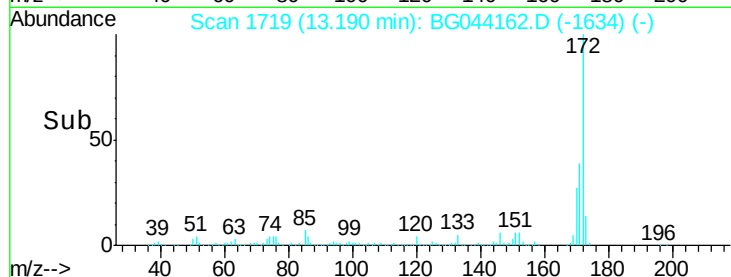
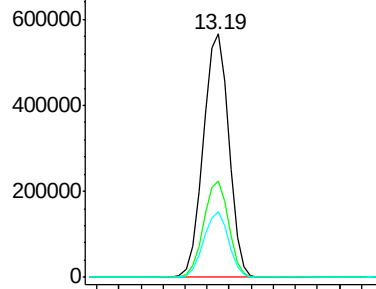
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.4	35.8	53.8
170	26.9	24.2	36.4

Manual Integrations
APPROVED

mohammad
1/23/2020 1:51:46 PM

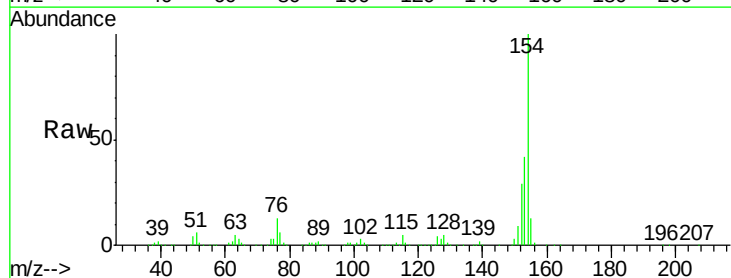


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

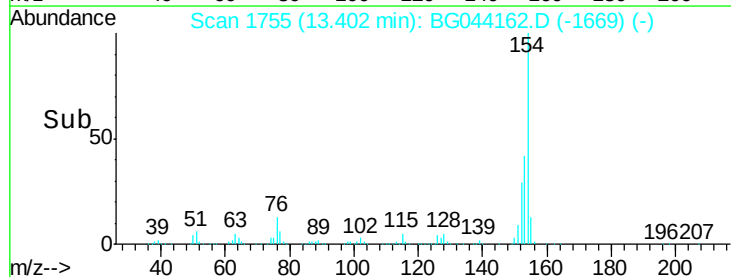
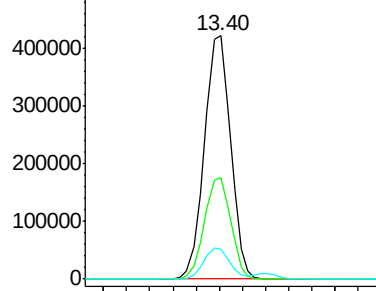


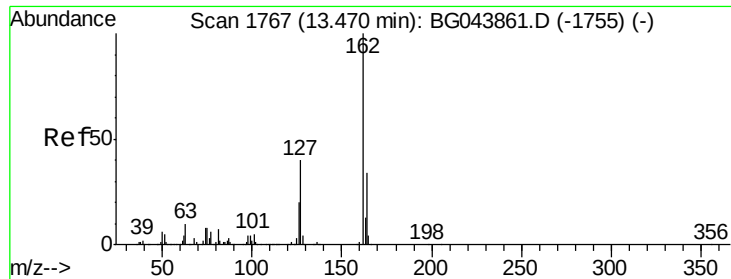
#46
1,1'-Biphenyl
Concen: 36.931 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	23.6	63.6
76	12.5	0.0	34.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





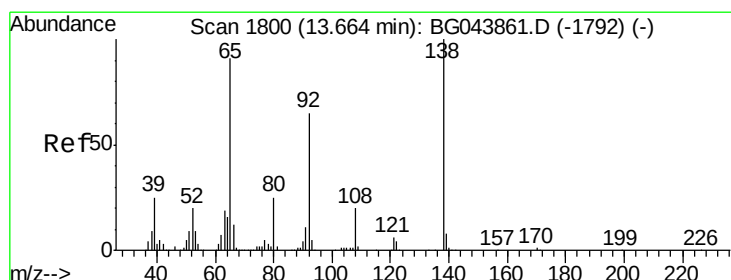
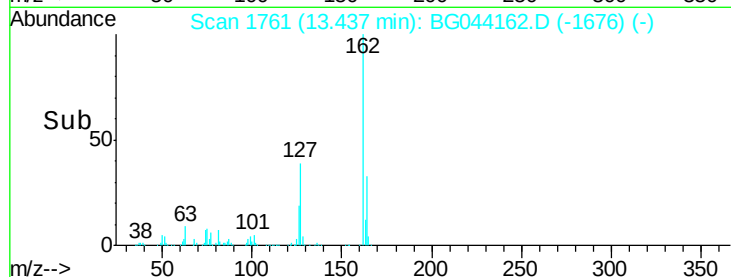
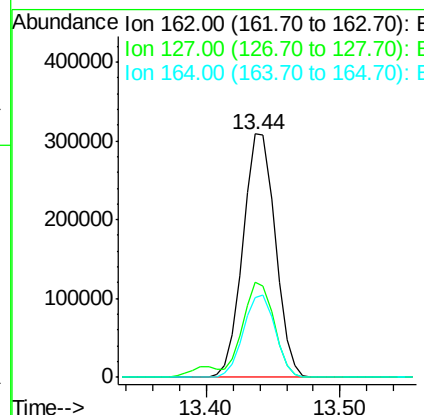
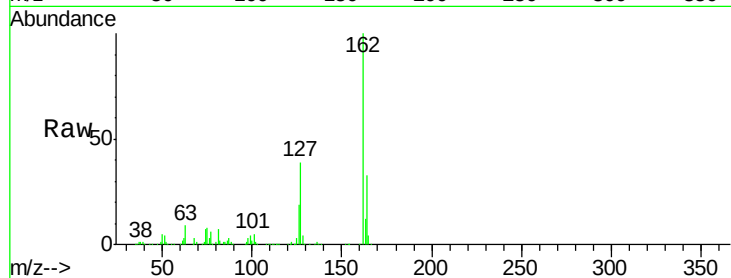
#47
 2-Chloronaphthalene
 Concen: 35.619 ng
 RT: 13.44 min Scan# 1761
 Delta R.T. -0.03 min
 Lab File: BG044162.D
 Acq: 22 Jan 2020 17:39

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	32.1	48.1
164	32.9	27.5	41.3

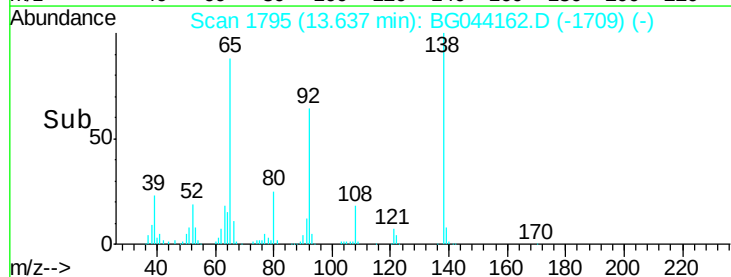
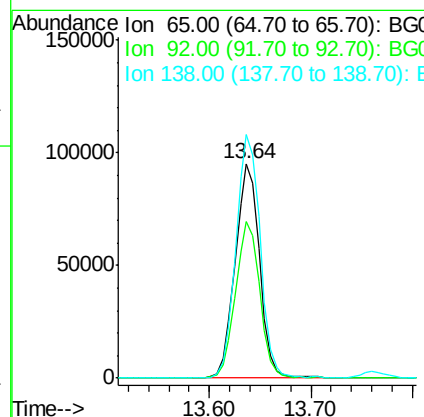
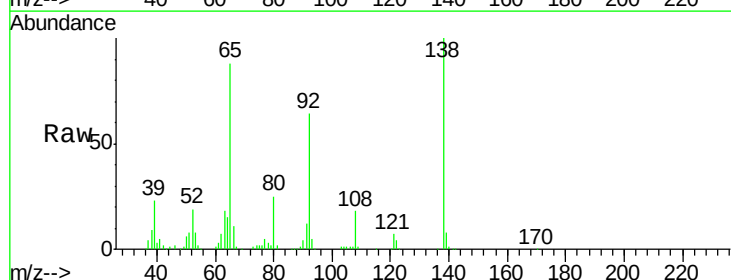
Manual Integrations
 APPROVED

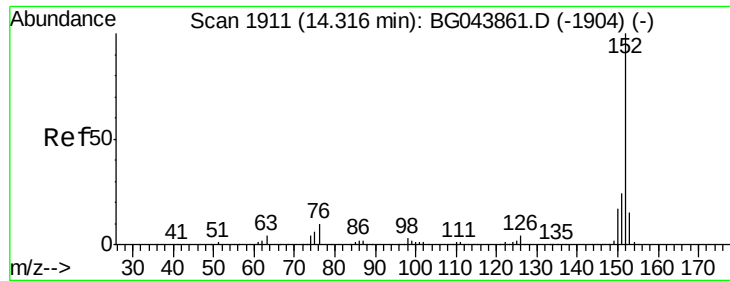
mohammad
 1/23/2020 1:51:46 PM



#48
 2-Nitroaniline
 Concen: 33.985 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. -0.03 min
 Lab File: BG044162.D
 Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.9	57.4	86.2
138	113.5	88.2	132.4





#49

Acenaphthylene

Concen: 39.637 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

Instrument :

BNA_G

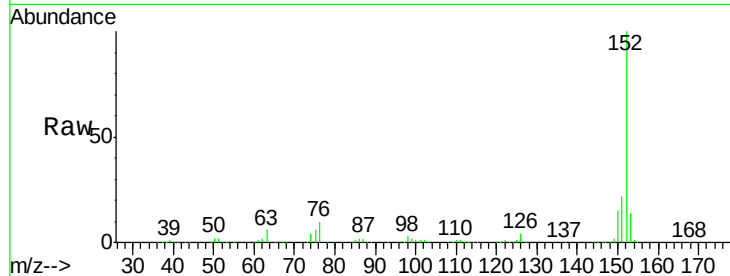
ClientSampleId :

SB-04-COMPMSD

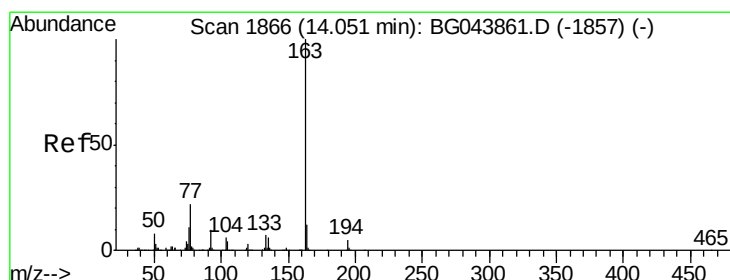
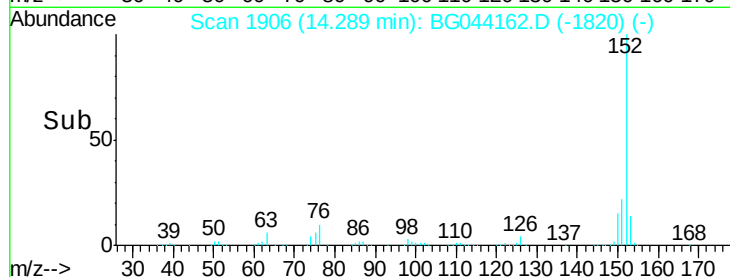
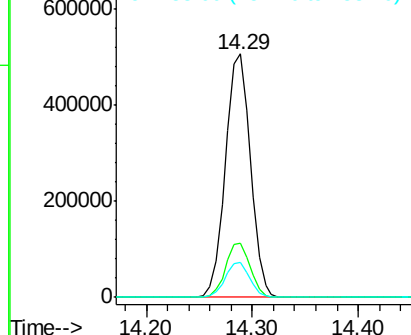
Tot Ion:	152	Resp:	826799
Ion Ratio	Lower	Upper	
152	100		
151	22.1	19.4	29.2
153	14.1	12.0	18.0

Manual Integrations
APPROVED

mohammad
1/23/2020 1:51:46 PM



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



#50

Dimethylphthalate

Concen: 44.679 ng

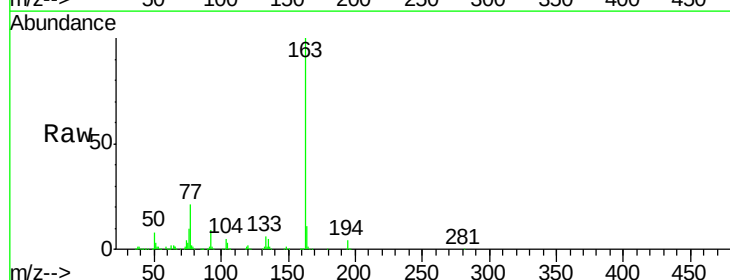
RT: 14.02 min Scan# 1860

Delta R.T. -0.03 min

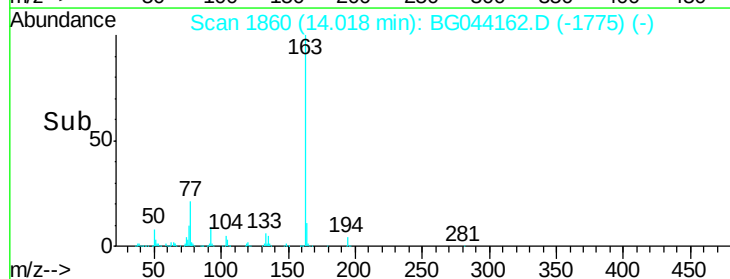
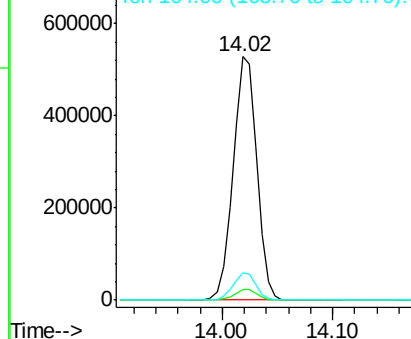
Lab File: BG044162.D

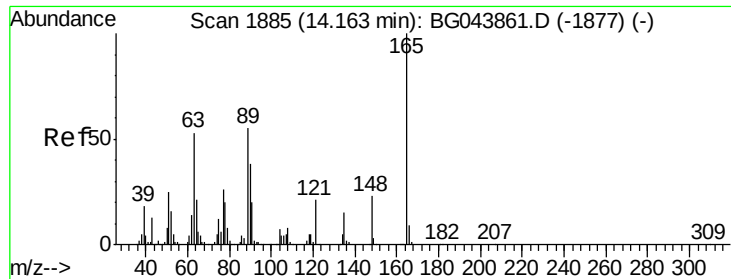
Acq: 22 Jan 2020 17:39

Tgt Ion:	163	Resp:	794657
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.7	5.5
164	11.3	9.3	13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





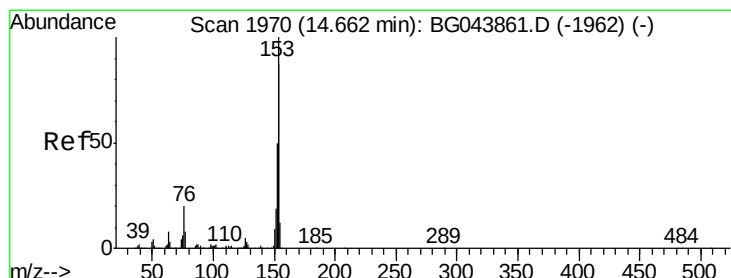
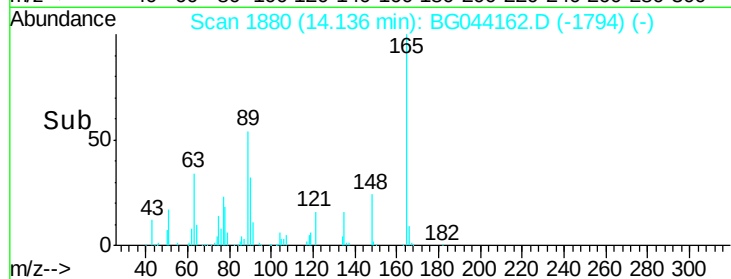
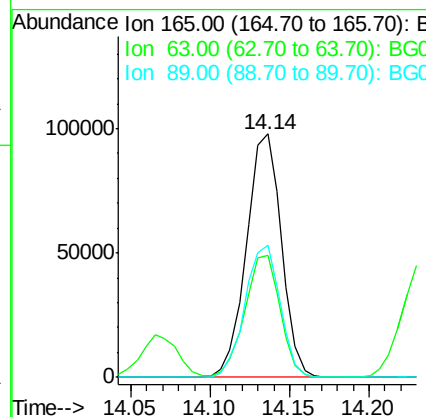
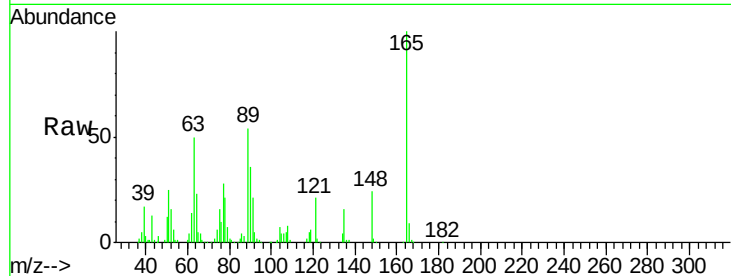
#51
 2,6-Dinitrotoluene
 Concen: 37.191 ng
 RT: 14.14 min Scan# 1880
 Delta R.T. -0.03 min
 Lab File: BG044162.D
 Acq: 22 Jan 2020 17:39

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	149510		
63	50.3		43.1	64.7
89	54.4		43.8	65.6

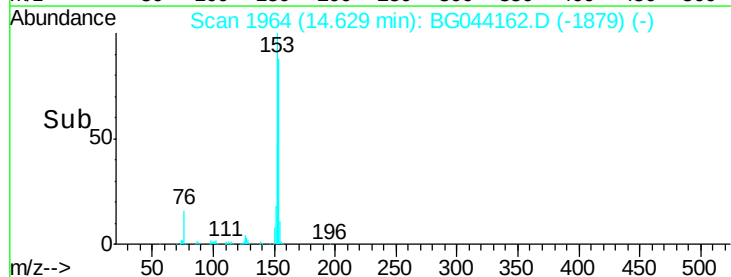
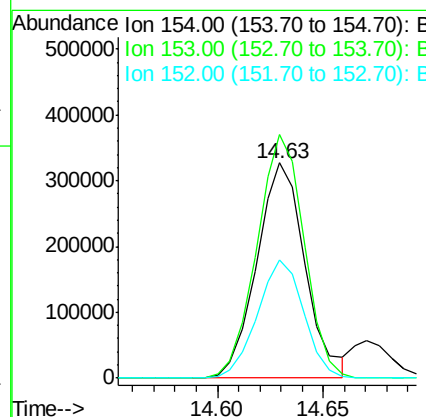
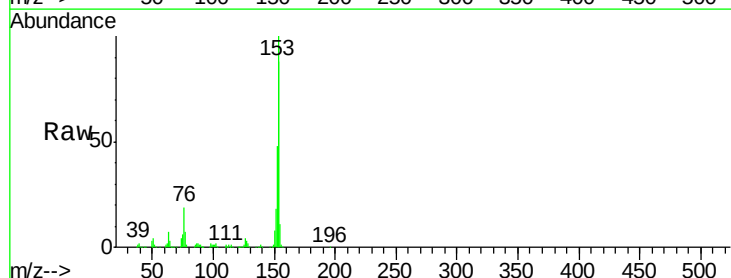
Manual Integrations
 APPROVED

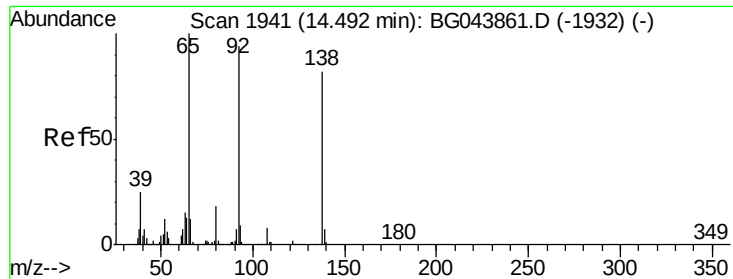
mohammad
 1/23/2020 1:51:46 PM



#52
 Acenaphthene
 Concen: 35.448 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.03 min
 Lab File: BG044162.D
 Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	518542		
153	113.2		91.6	137.4
152	54.7		45.4	68.0





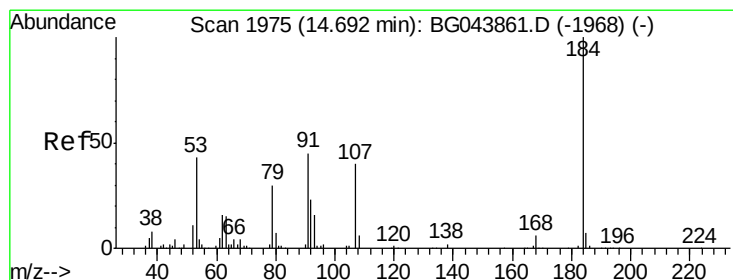
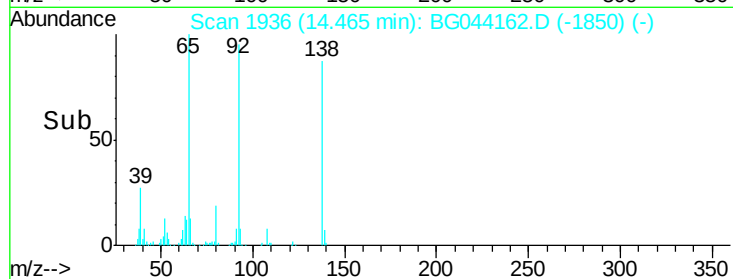
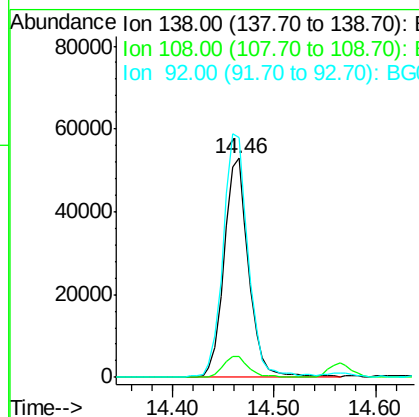
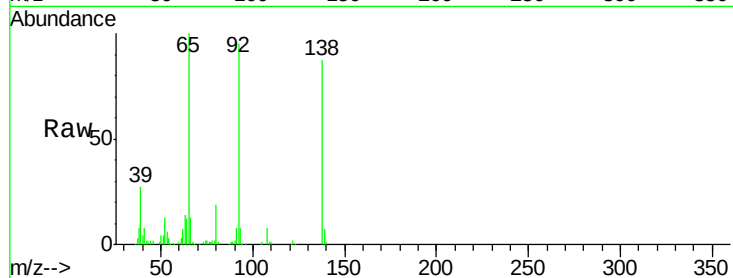
#53
3-Nitroaniline
Concen: 19.482 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.4	11.2
92	109.5	92.1	138.1

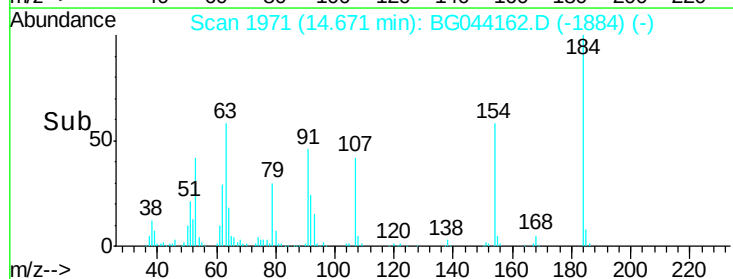
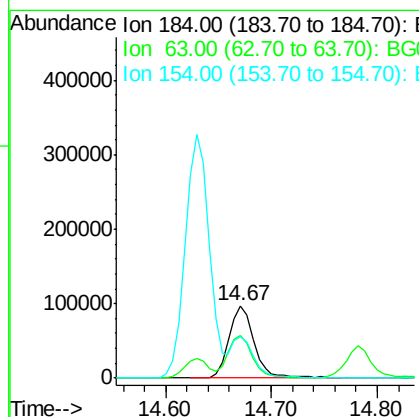
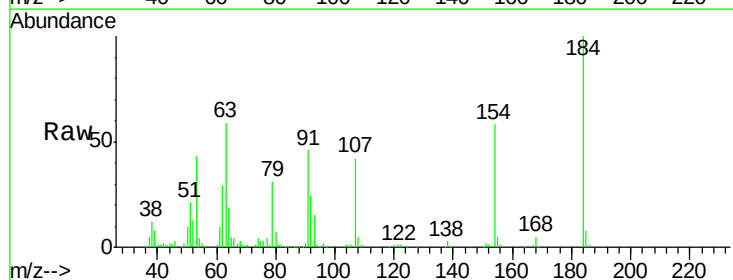
Manual Integrations
APPROVED

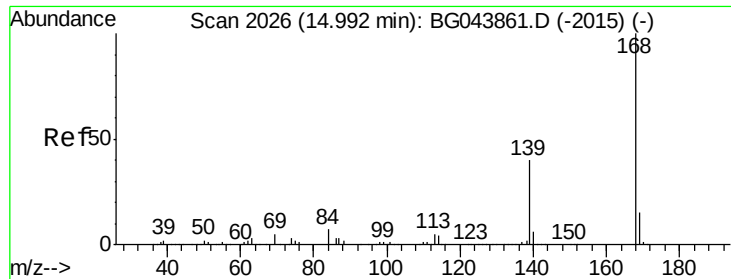
mohammad
1/23/2020 1:51:46 PM



#54
2,4-Dinitrophenol
Concen: 78.425 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.0	46.6	70.0
154	57.8	50.2	75.4





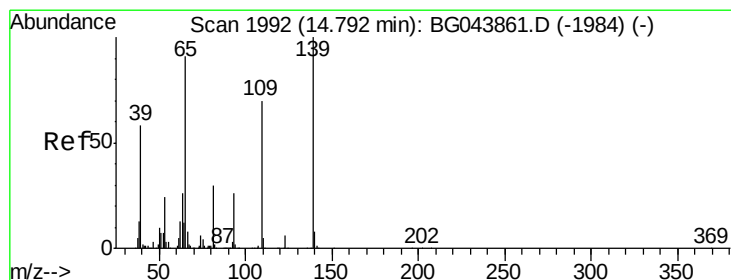
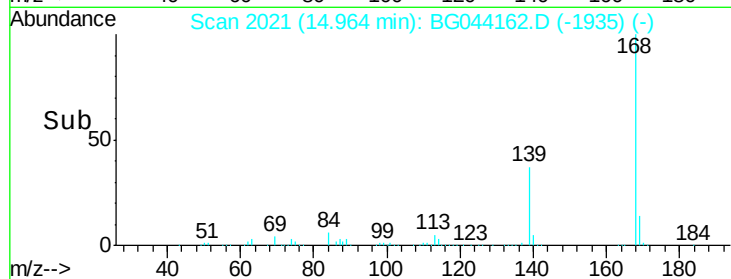
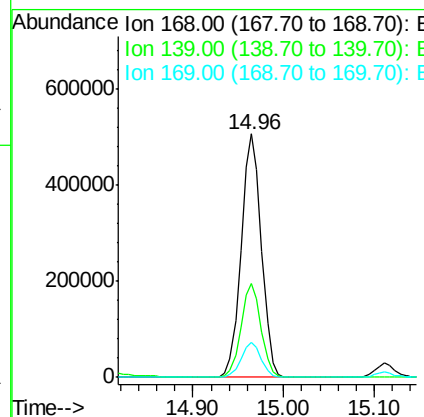
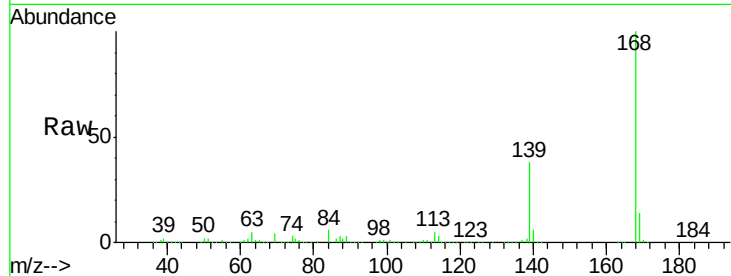
#55
Dibenzofuran
Concen: 38.950 ng
RT: 14.96 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	32.2	48.2
169	14.2	12.2	18.2

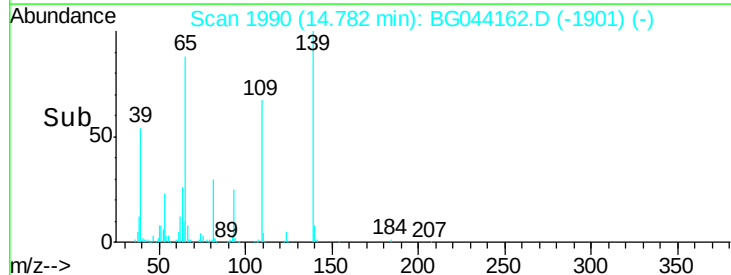
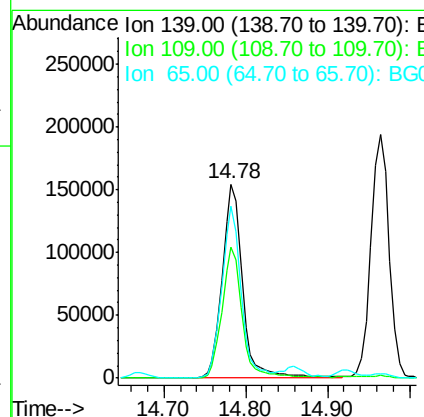
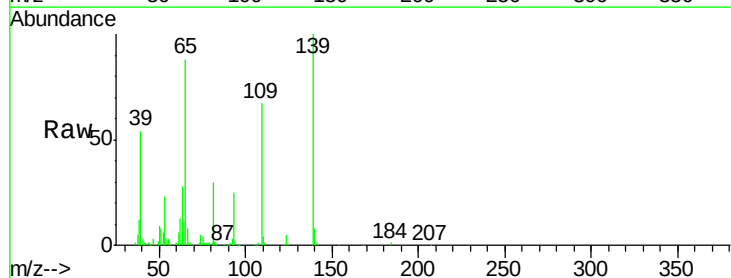
Manual Integrations
APPROVED

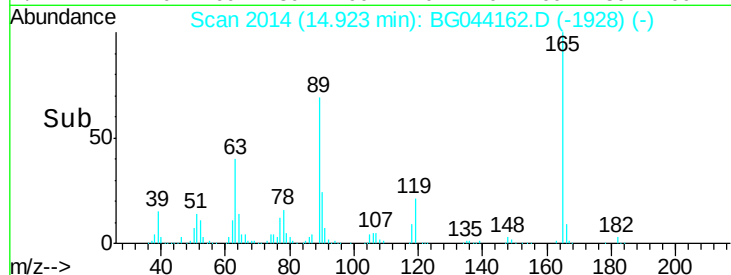
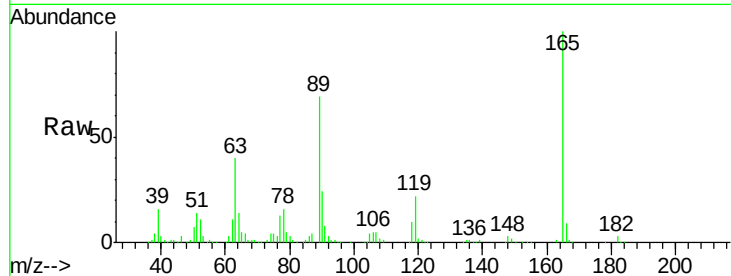
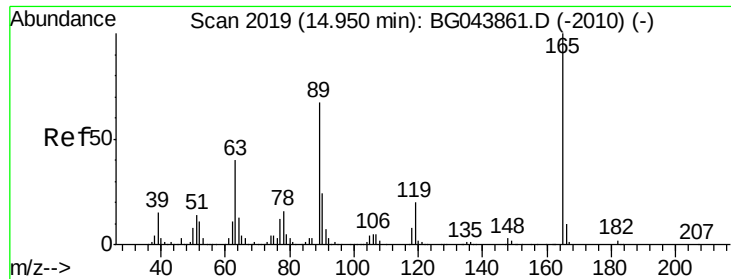
mohammad
1/23/2020 1:51:46 PM



#56
4-Nitrophenol
Concen: 77.198 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.3	50.4	90.4
65	88.4	71.4	111.4





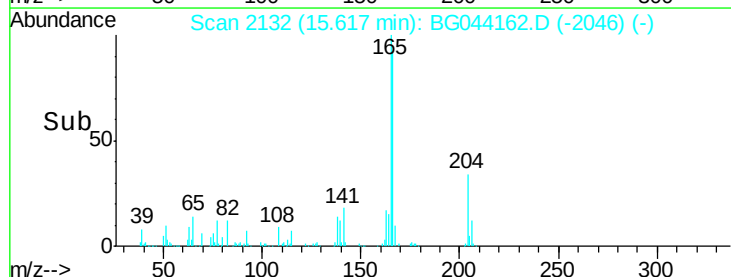
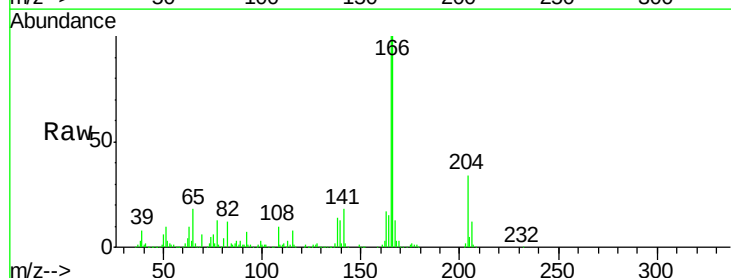
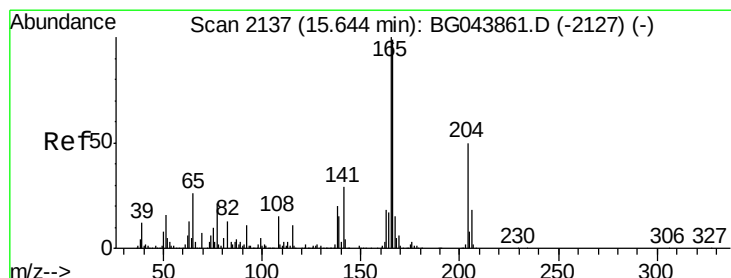
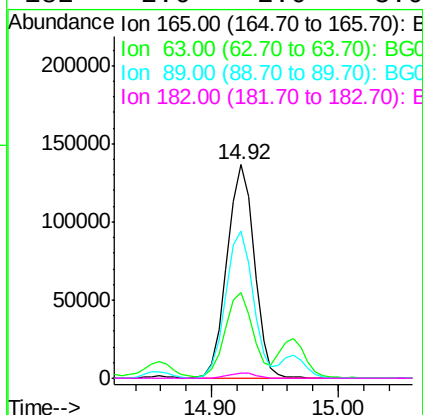
#57
2,4-Dinitrotoluene
Concen: 37.288 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	203970		
63	40.0		31.9	47.9
89	69.1		53.8	80.6
182	2.6		2.0	3.0

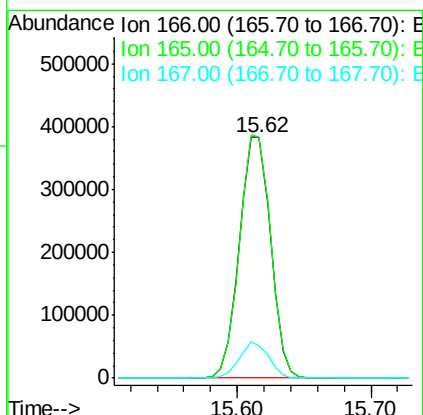
Manual Integrations
APPROVED

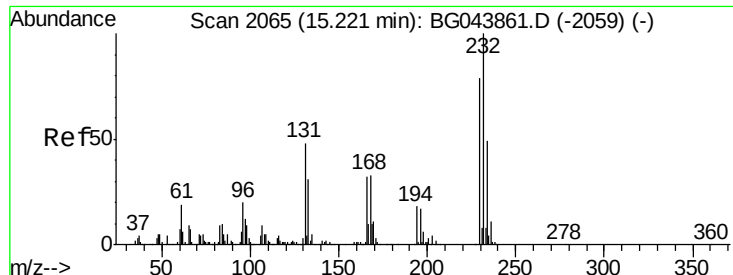
mohammad
1/23/2020 1:51:46 PM



#58
Fluorene
Concen: 38.683 ng
RT: 15.62 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	617422		
165	100.1		80.8	121.2
167	13.3		12.1	18.1





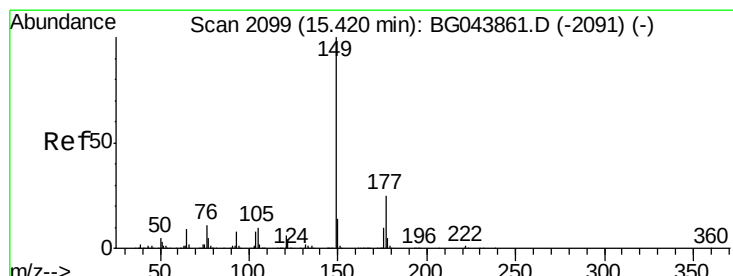
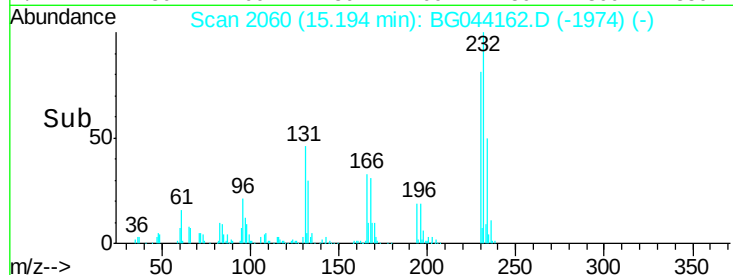
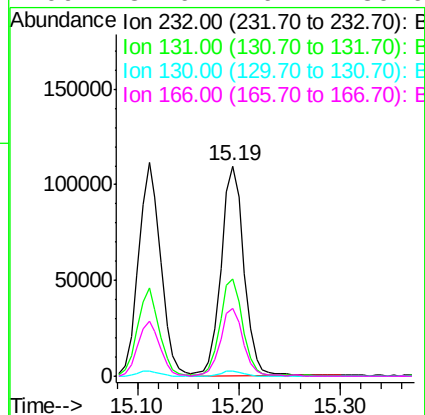
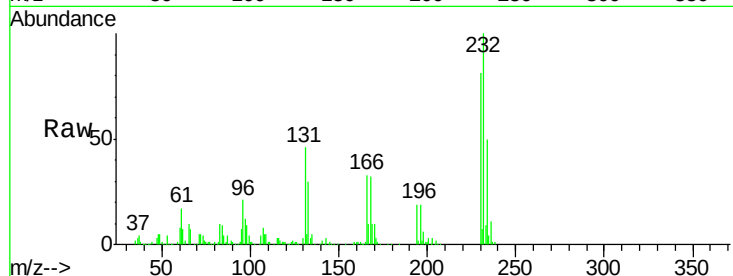
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.285 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	171530		
131	45.6	38.2	57.2	
130	2.6	2.2	3.2	
166	31.6	26.4	39.6	

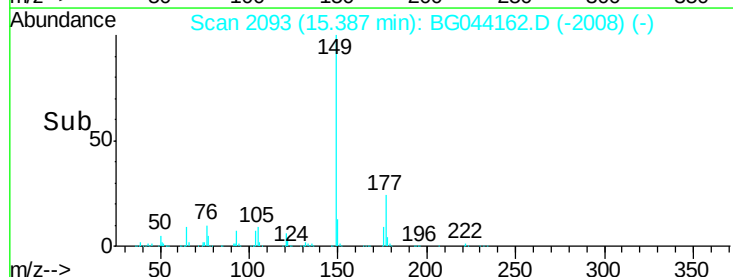
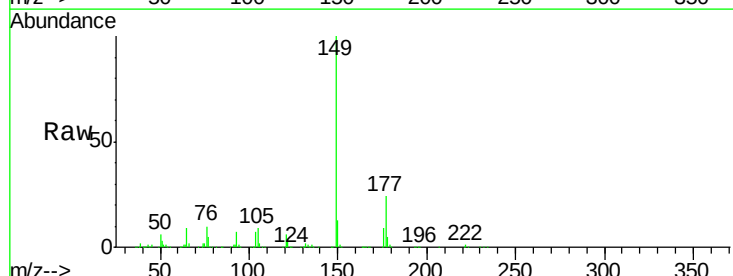
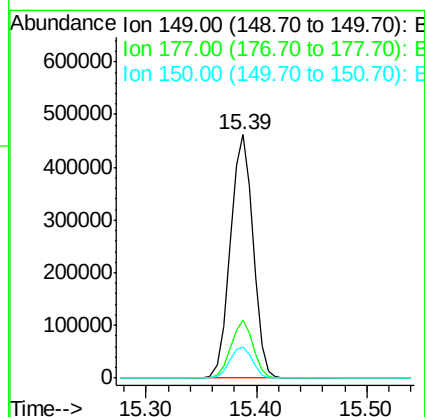
Manual Integrations
APPROVED

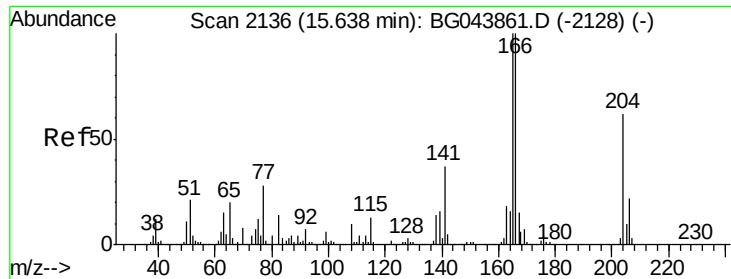
mohammad
1/23/2020 1:51:46 PM



#60
Diethylphthalate
Concen: 37.382 ng
RT: 15.39 min Scan# 2093
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	665001		
177	23.8	20.0	30.0	
150	13.0	11.1	16.7	





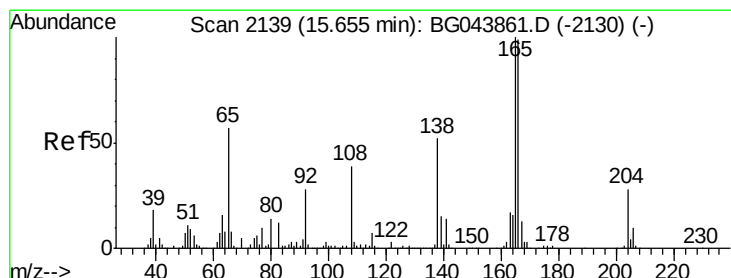
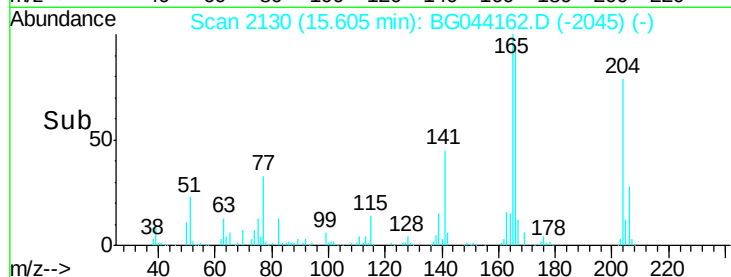
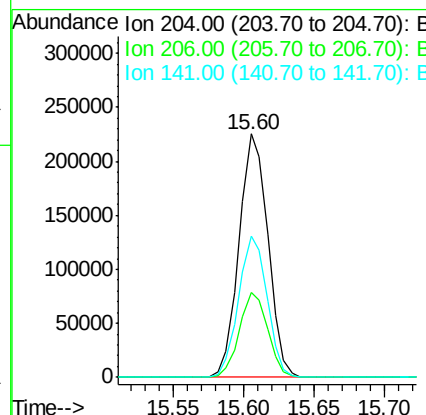
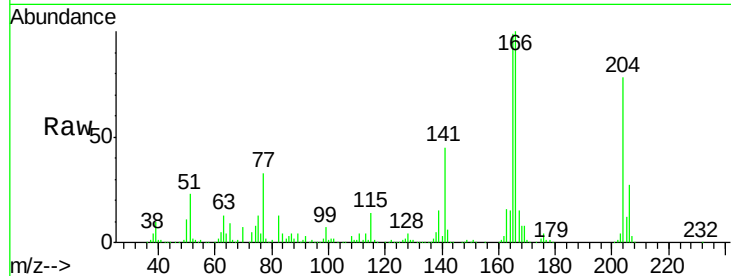
#61
 4-Chlorophenyl-phenylether
 Concen: 37.094 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: BG044162.D
 Acq: 22 Jan 2020 17:39

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMPMSD

Tot Ion:	204	Resp:	321487
Ion Ratio	Lower	Upper	
204	100		
206	35.0	28.2	42.2
141	57.9	48.2	72.2

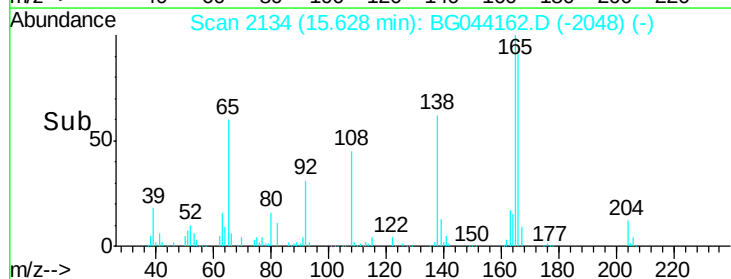
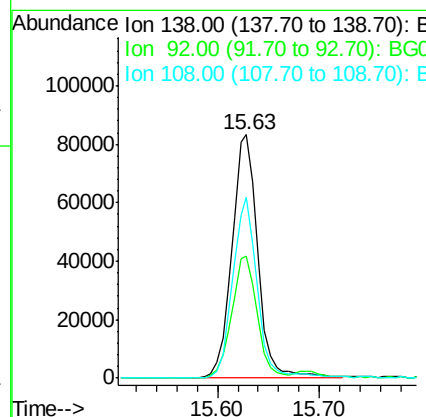
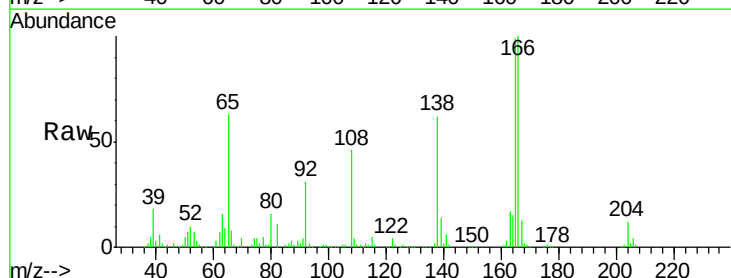
Manual Integrations
 APPROVED

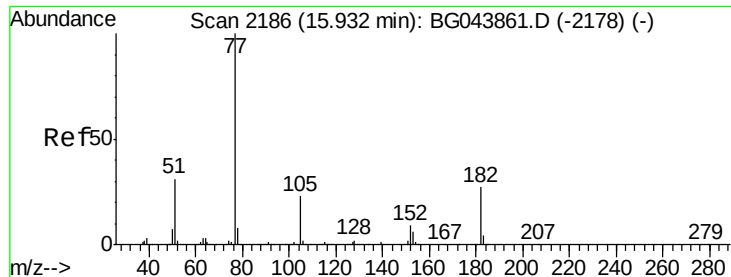
mohammad
 1/23/2020 1:51:46 PM



#62
 4-Nitroaniline
 Concen: 32.723 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.03 min
 Lab File: BG044162.D
 Acq: 22 Jan 2020 17:39

Tgt Ion:	138	Resp:	147519
Ion Ratio	Lower	Upper	
138	100		
92	50.2	34.3	74.3
108	74.4	55.0	95.0





#63

Azobenzene

Concen: 37.841 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

Instrument :

BNA_G

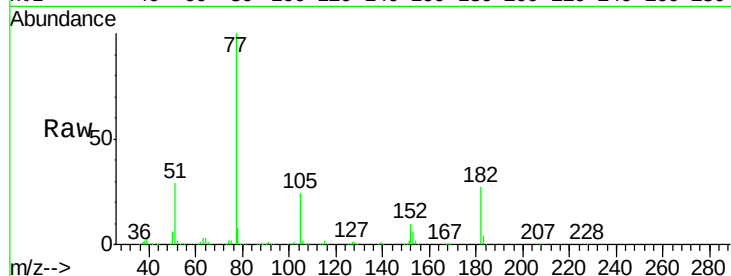
ClientSampleId :

SB-04-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		624296		
182	27.1	7.3	47.3		
105	23.8	3.2	43.2		
51	28.9	10.6	50.6		

Manual Integrations
APPROVED

mohammad
1/23/2020 1:51:46 PM

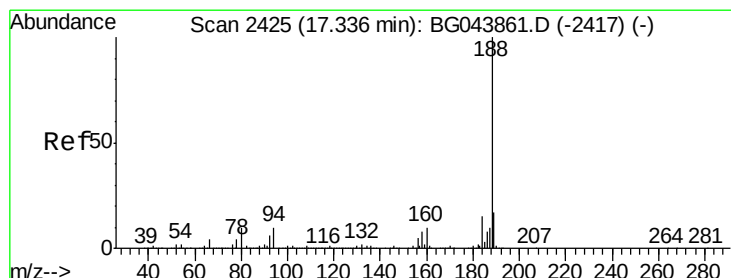
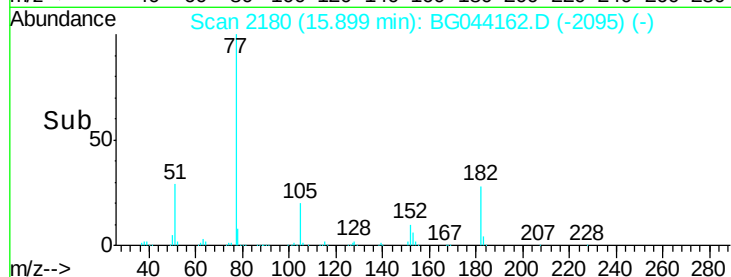
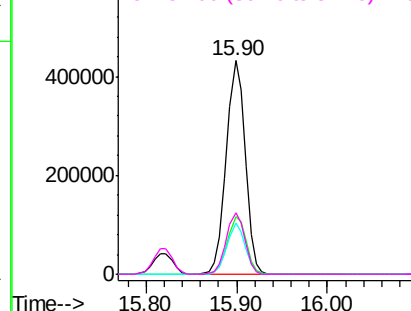


Abundance Ion 77.00 (76.70 to 77.70): BGC

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

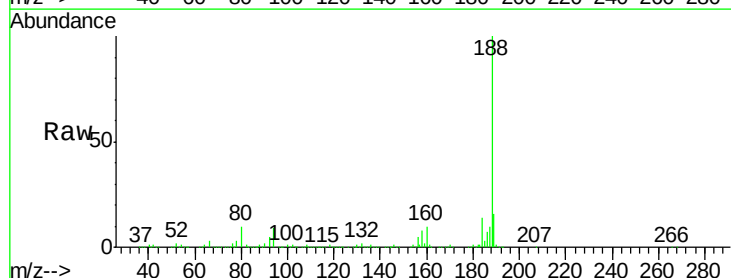
RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

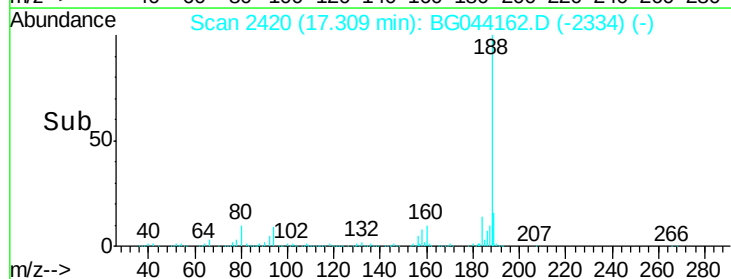
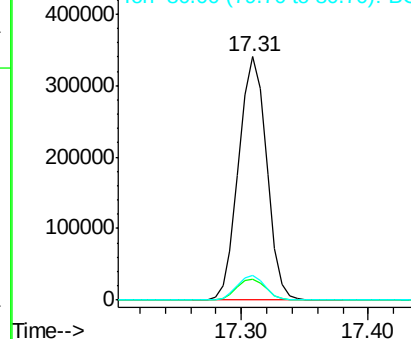
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		520421		
94	8.6	7.9	11.9		
80	10.1	8.2	12.4		

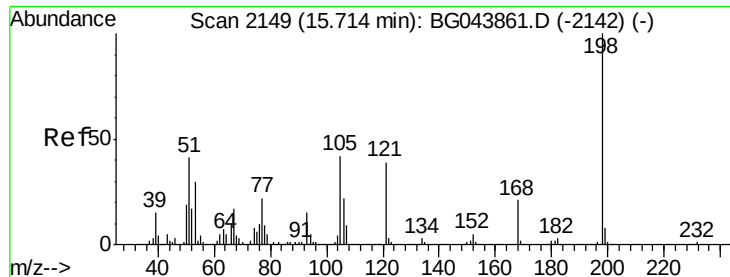


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





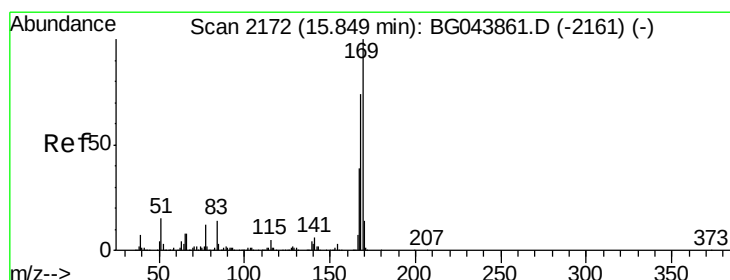
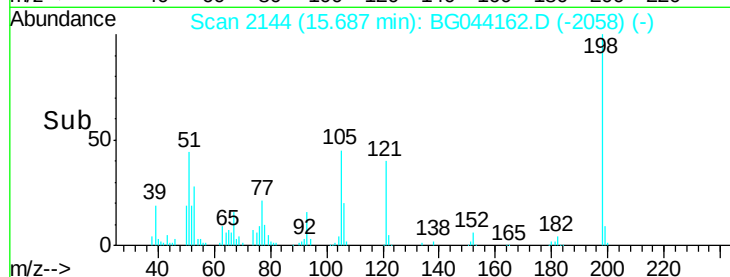
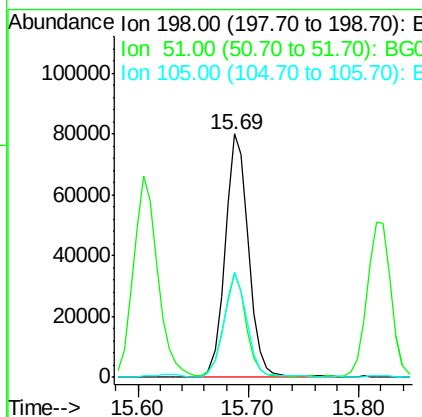
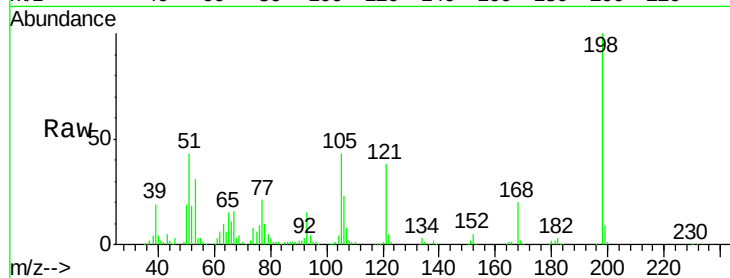
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.627 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. -0.03 min
 Lab File: BG044162.D
 Acq: 22 Jan 2020 17:39

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	118749		
51	42.6		22.5	62.5
105	43.2		22.3	62.3

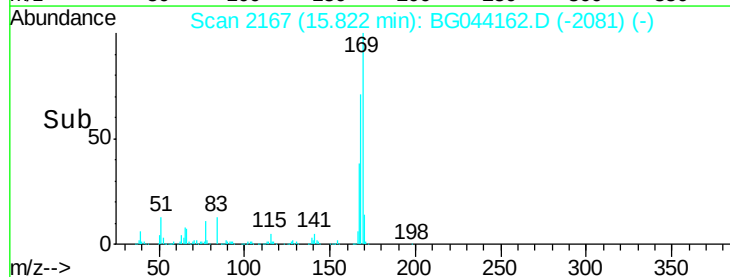
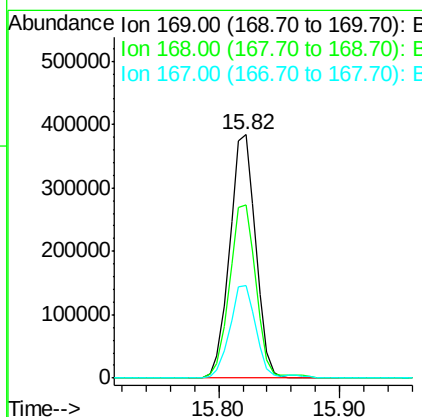
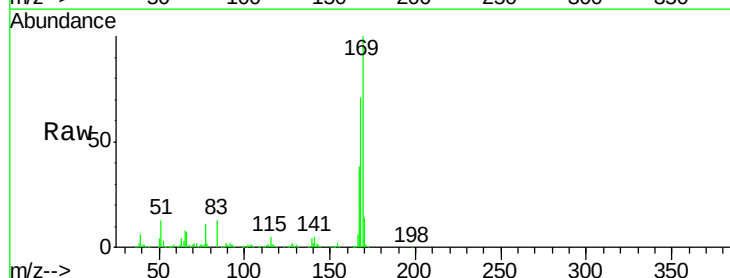
Manual Integrations
 APPROVED

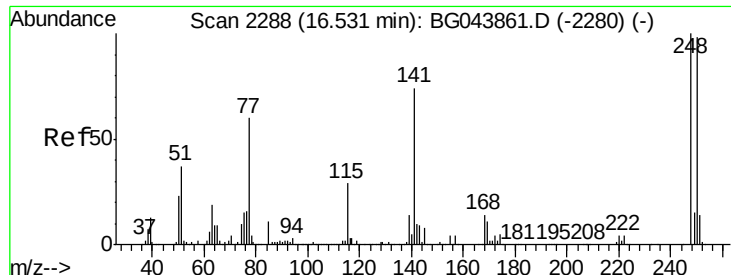
mohammad
 1/23/2020 1:51:46 PM



#66
 n-Nitrosodiphenylamine
 Concen: 37.495 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BG044162.D
 Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	574632		
168	71.2		59.0	88.6
167	38.1		31.4	47.0





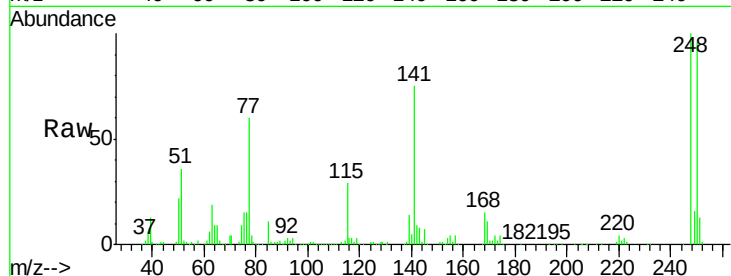
#67
4-Bromophenyl-phenylether
Concen: 34.608 ng
RT: 16.50 min Scan# 2282
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

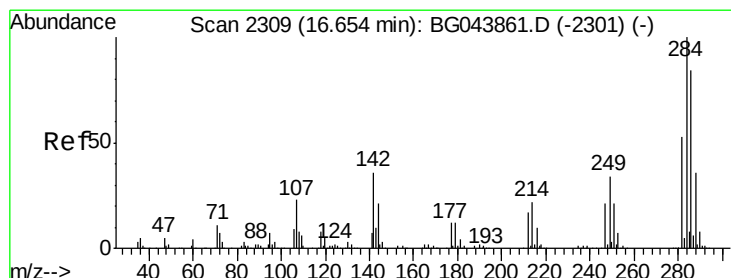
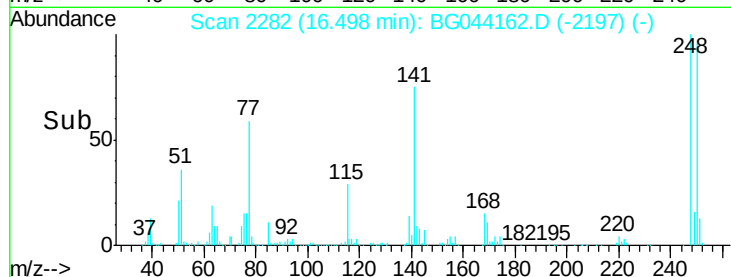
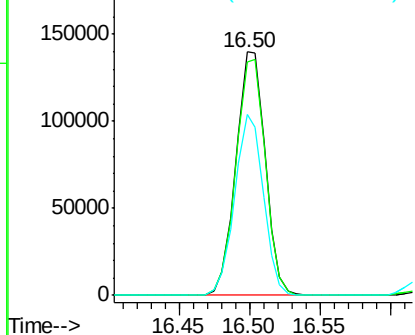
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.2	117.2
141	74.5	59.3	88.9

Manual Integrations
APPROVED

mohammad
1/23/2020 1:51:46 PM



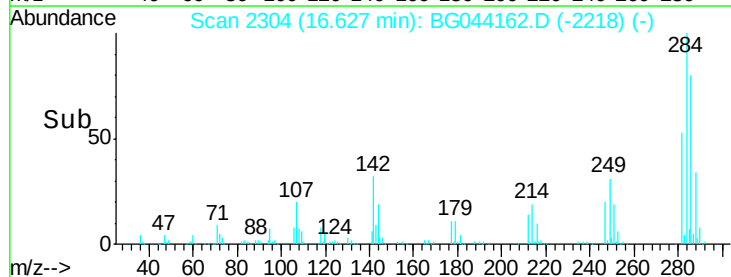
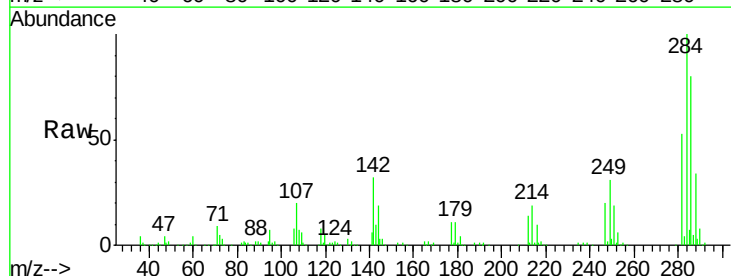
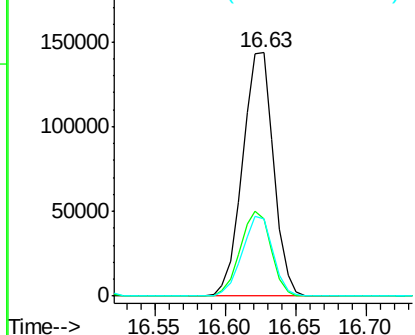
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

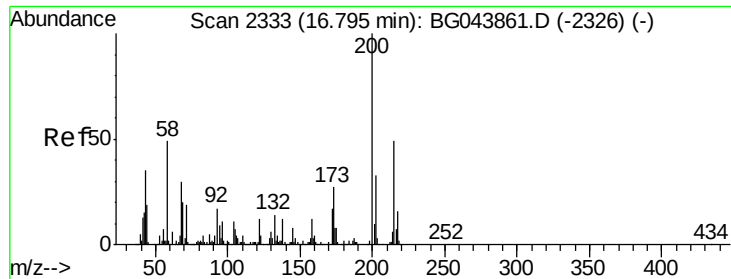


#68
Hexachlorobenzene
Concen: 34.982 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.8	28.6	43.0
249	31.5	27.0	40.6

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





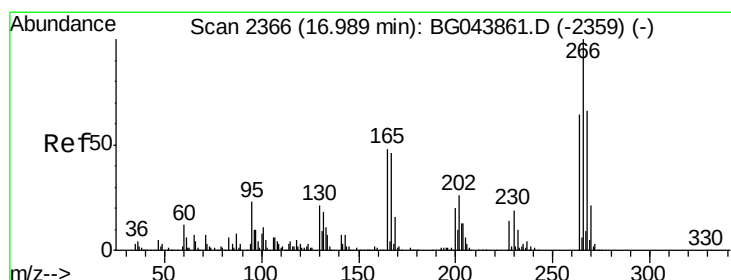
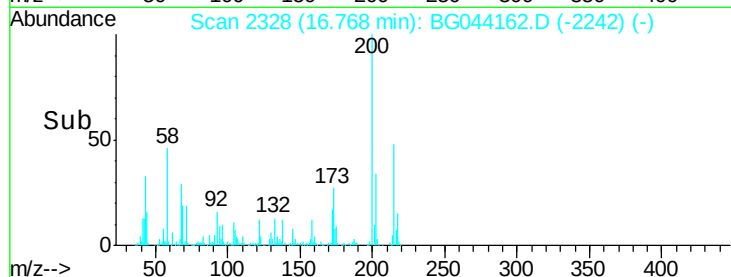
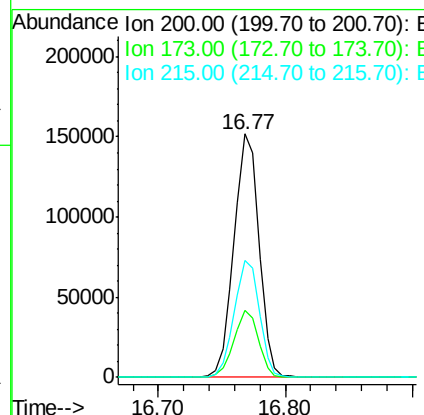
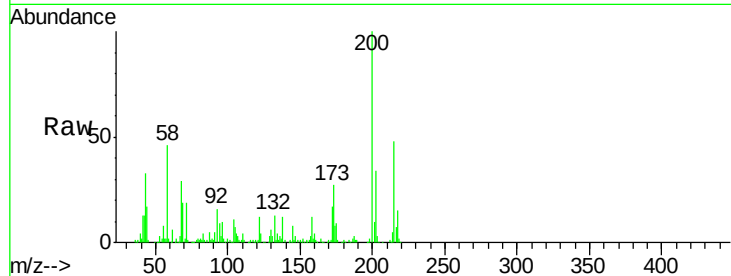
#69
Atrazine
Concen: 41.386 ng
RT: 16.77 min Scan# 2328
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.4	6.6	46.6
215	48.2	28.6	68.6

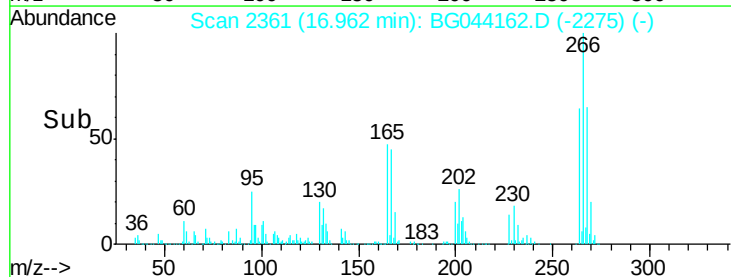
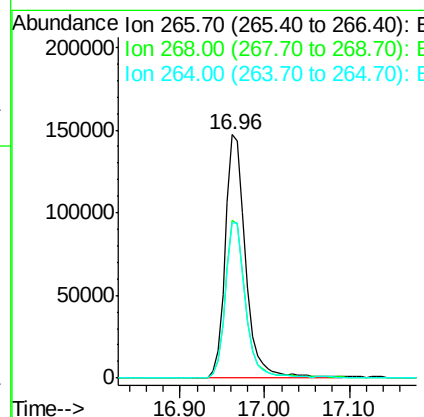
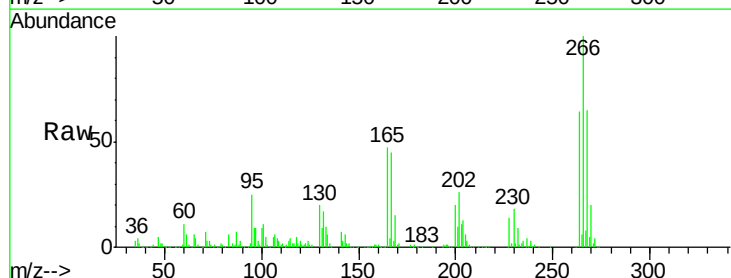
Manual Integrations
APPROVED

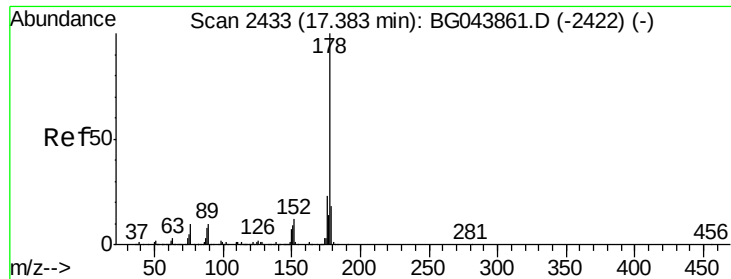
mohammad
1/23/2020 1:51:46 PM



#70
Pentachlorophenol
Concen: 71.470 ng
RT: 16.96 min Scan# 2361
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.0	52.6	79.0
264	63.7	50.8	76.2





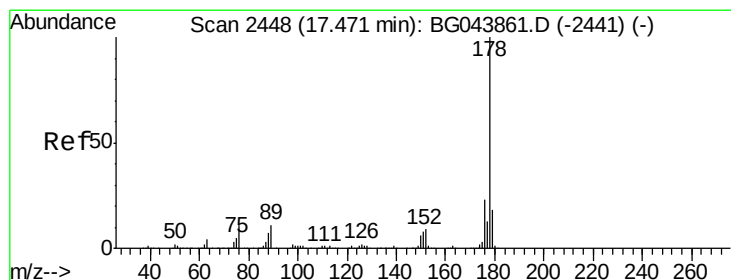
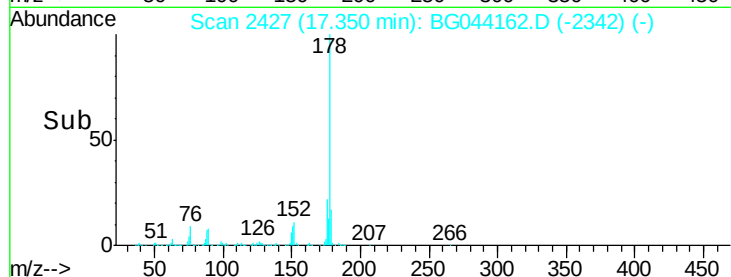
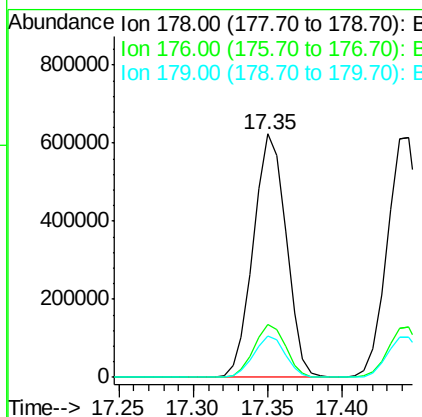
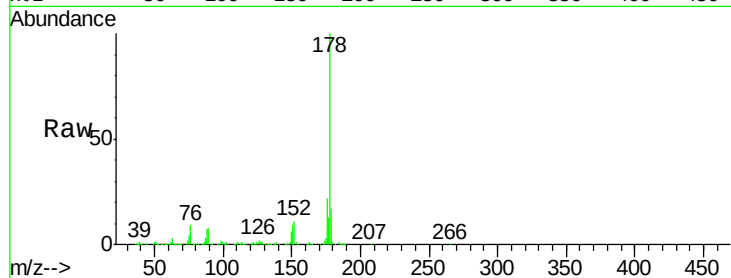
#71
Phenanthrene
Concen: 37.873 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.5	18.6	28.0
179	16.8	14.4	21.6

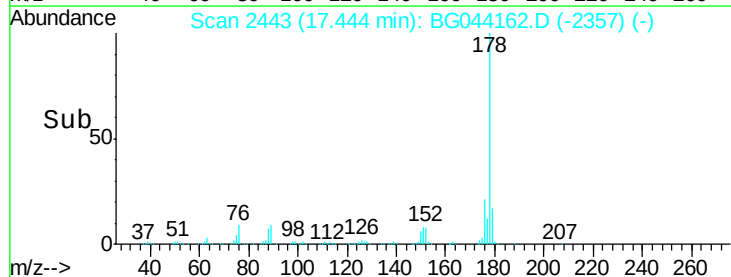
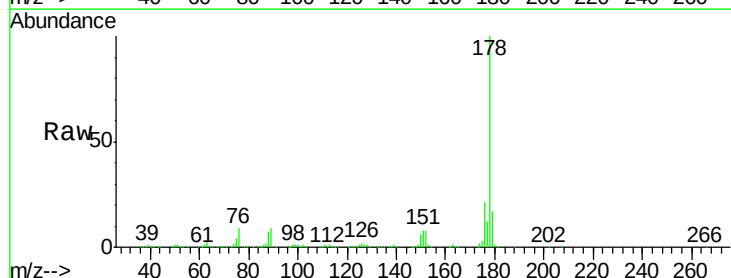
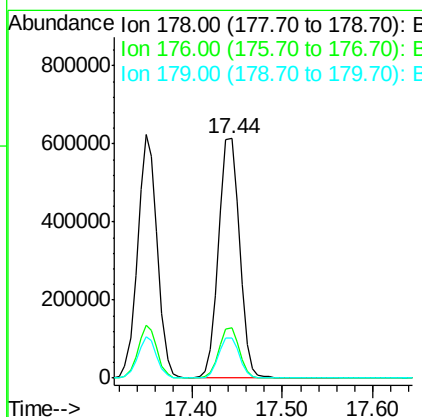
Manual Integrations
APPROVED

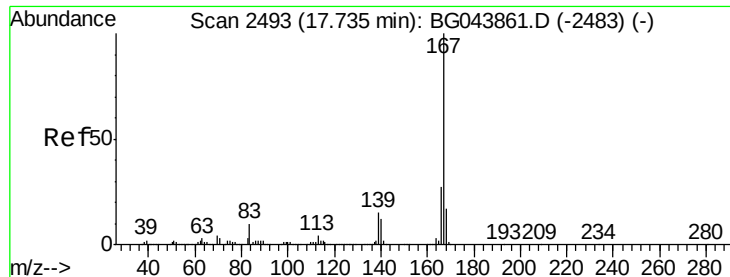
mohammad
1/23/2020 1:51:46 PM



#72
Anthracene
Concen: 39.887 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	18.3	27.5
179	16.9	14.6	22.0





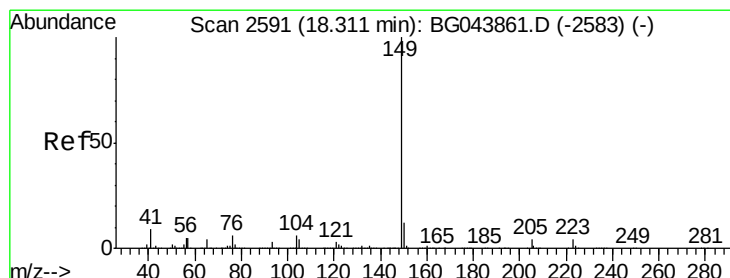
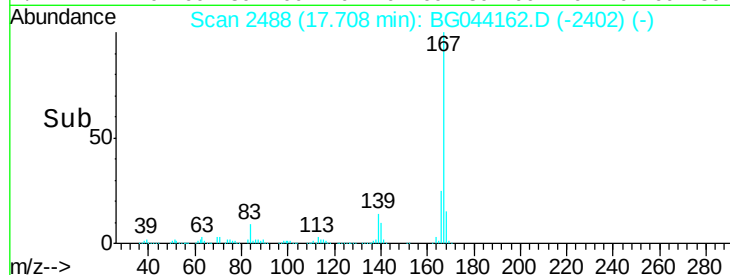
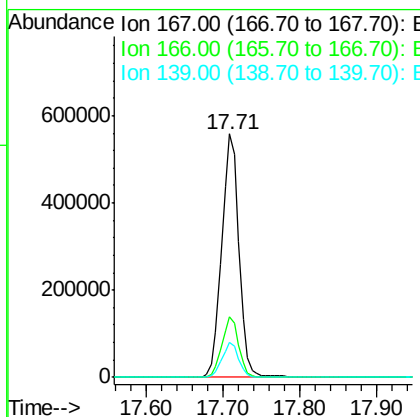
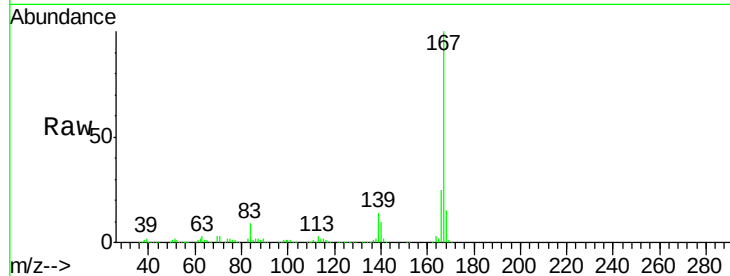
#73
 Carbazole
 Concen: 38.092 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. -0.03 min
 Lab File: BG044162.D
 Acq: 22 Jan 2020 17:39

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.8	21.6	32.4
139	14.3	12.1	18.1

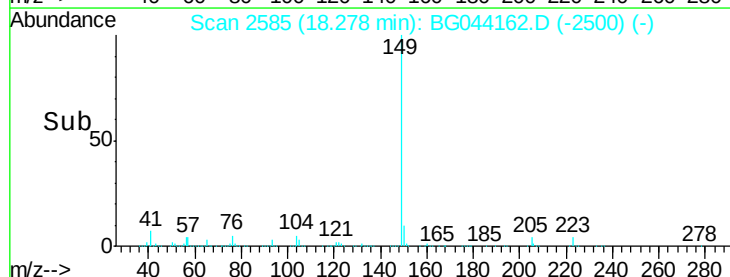
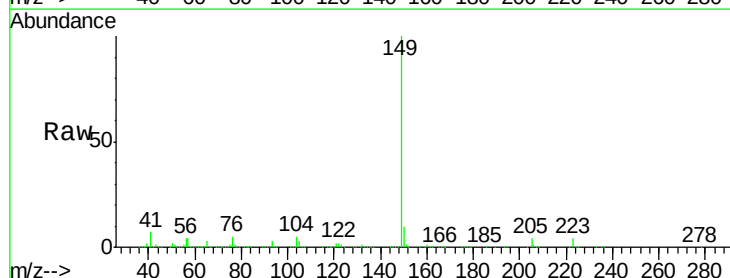
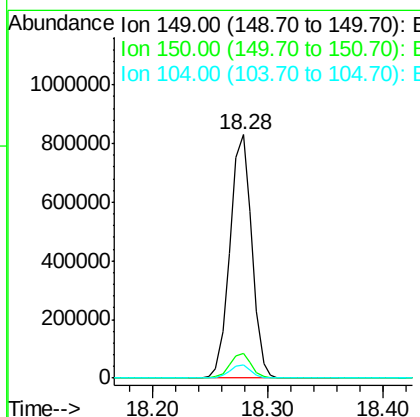
Manual Integrations
 APPROVED

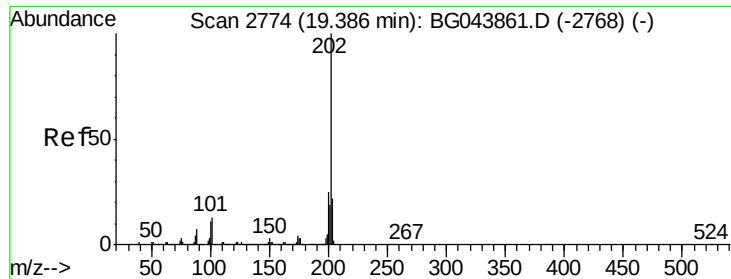
mohammad
 1/23/2020 1:51:46 PM



#74
 Di-n-butylphthalate
 Concen: 37.273 ng
 RT: 18.28 min Scan# 2585
 Delta R.T. -0.03 min
 Lab File: BG044162.D
 Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	9.7	14.5
104	5.2	5.0	7.4





#75

Fluoranthene

Concen: 38.220 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.03 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

Instrument :

BNA_G

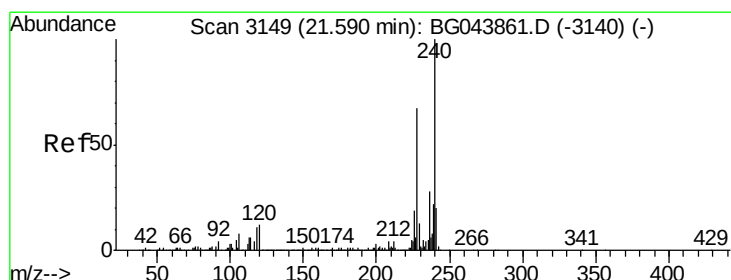
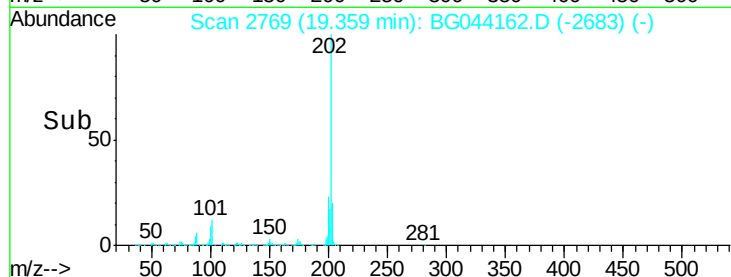
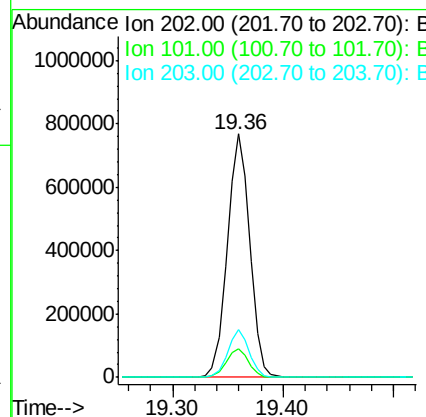
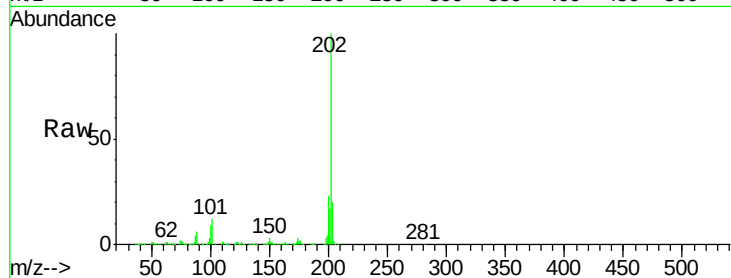
ClientSampleId :

SB-04-COMPMSD

Tot Ion:	202	Resp:	1091078
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	33.3
203	19.7	1.6	41.6

Manual Integrations
APPROVED

mohammad
1/23/2020 1:51:46 PM



#76

Chrysene-d12

Concen: 20.000 ng

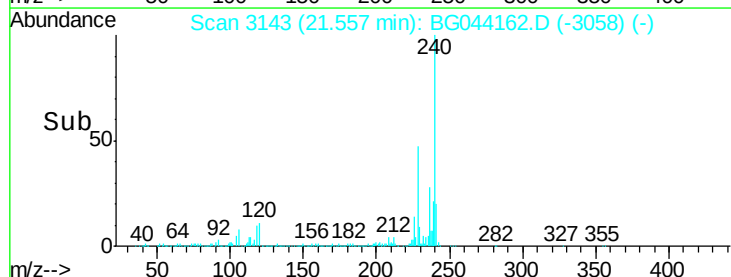
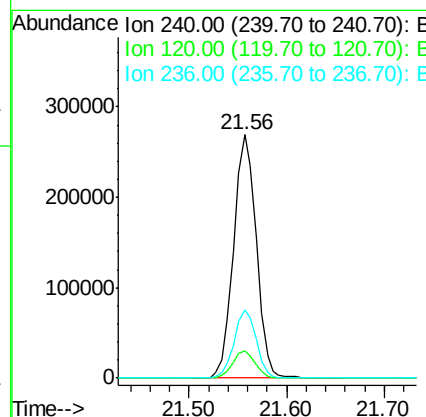
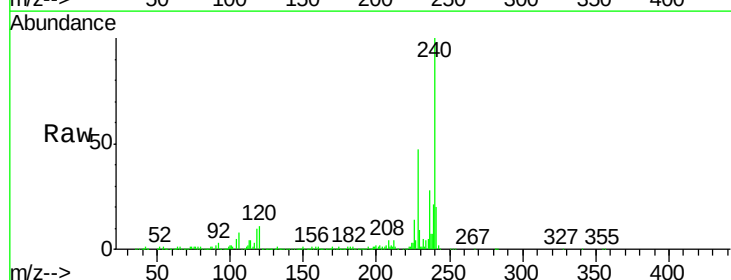
RT: 21.56 min Scan# 3143

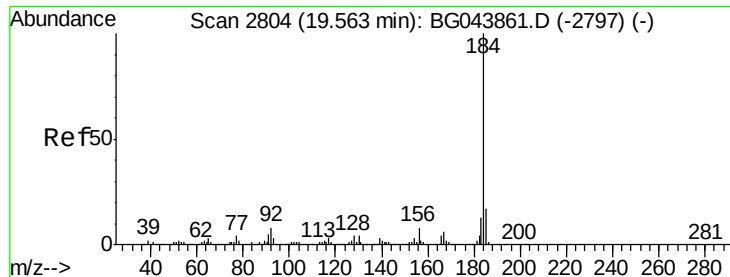
Delta R.T. -0.03 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

Tgt Ion:	240	Resp:	433881
Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.6	14.4
236	27.9	22.2	33.2





#77

Benzidine

Concen: 34.977 ng

RT: 19.54 min Scan# 2799

Delta R.T. -0.03 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

Instrument :

BNA_G

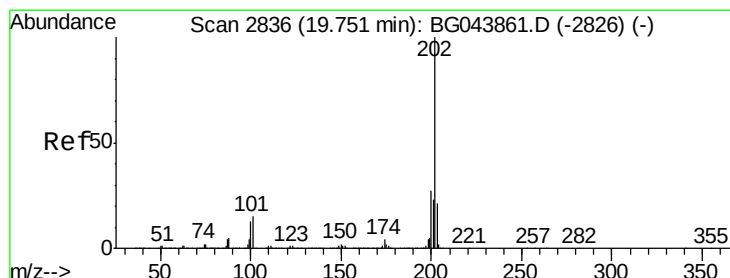
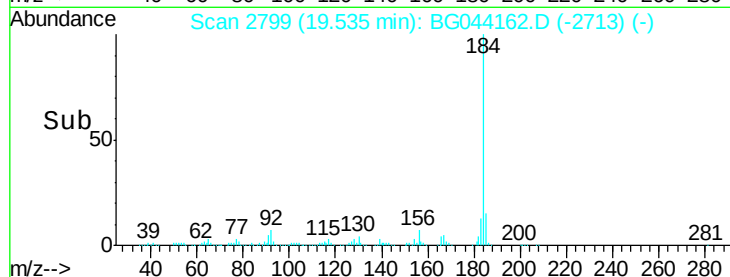
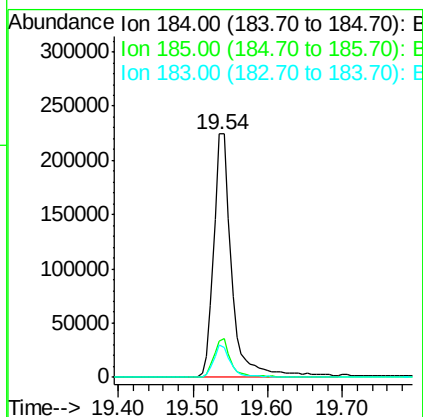
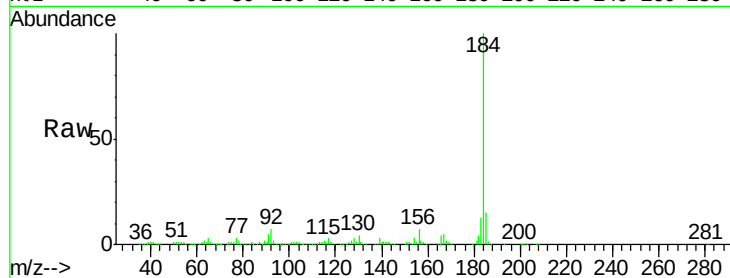
ClientSampleId :

SB-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.4	20.0
183	13.2	10.6	15.8

Manual Integrations
APPROVED

mohammad
1/23/2020 1:51:46 PM



#78

Pyrene

Concen: 38.546 ng

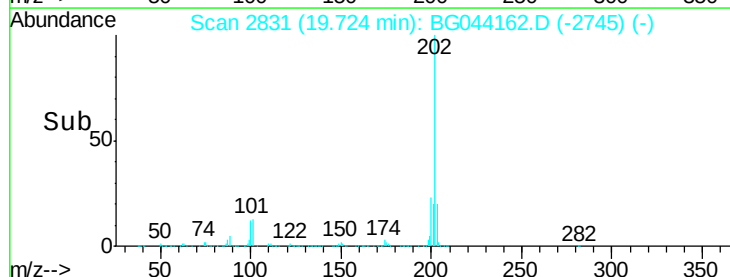
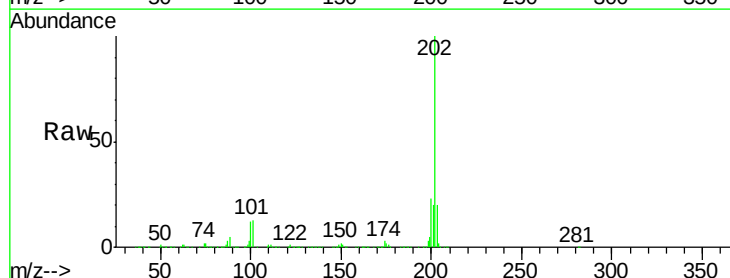
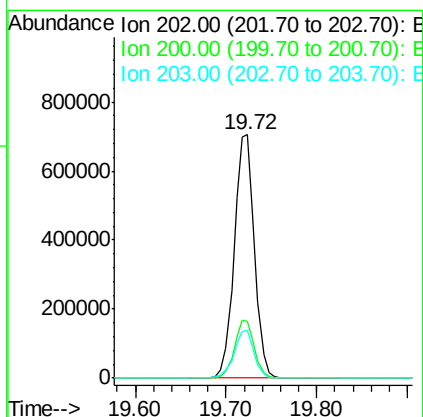
RT: 19.72 min Scan# 2831

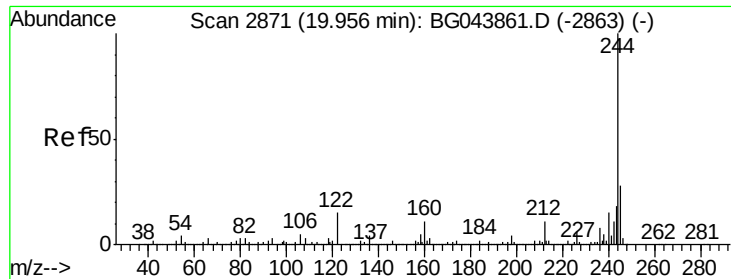
Delta R.T. -0.03 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.4	21.7	32.5
203	19.6	17.0	25.6





#79

Terphenyl-d14

Concen: 70.319 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

Instrument :

BNA_G

ClientSampleId :

SB-04-COMPMSD

Tot Ion:244 Resp: 1327777

Ion Ratio Lower Upper

244 100

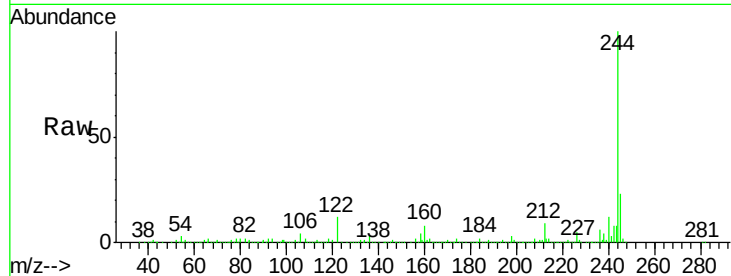
212 8.6 8.6 13.0#

122 12.0 11.9 17.9

Manual Integrations
APPROVED

mohammad

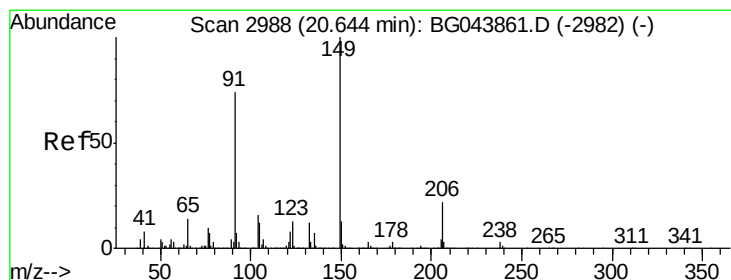
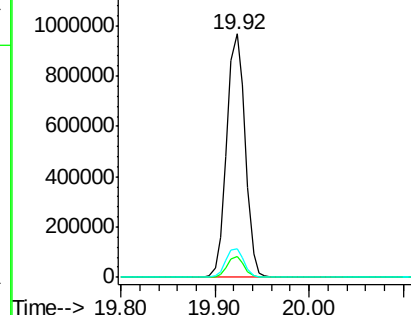
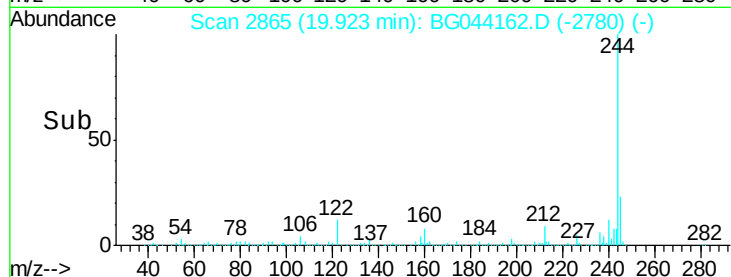
1/23/2020 1:51:46 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.070 ng

RT: 20.61 min Scan# 2982

Delta R.T. -0.03 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

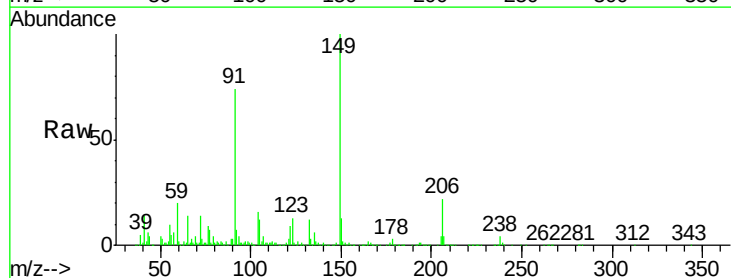
Tgt Ion:149 Resp: 499835

Ion Ratio Lower Upper

149 100

91 73.9 59.5 89.3

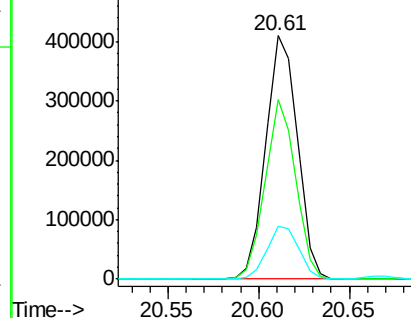
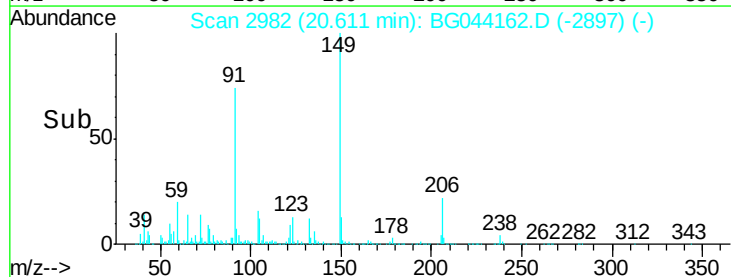
206 21.7 17.8 26.6

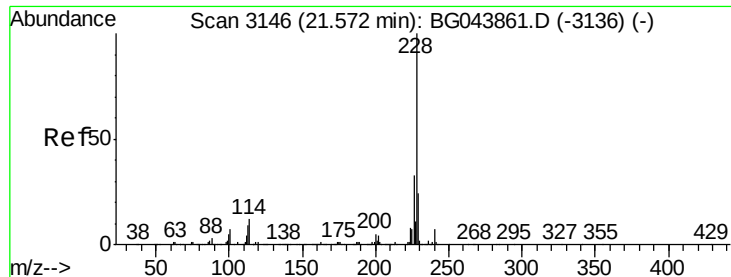


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.301 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.03 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

Instrument :

BNA_G

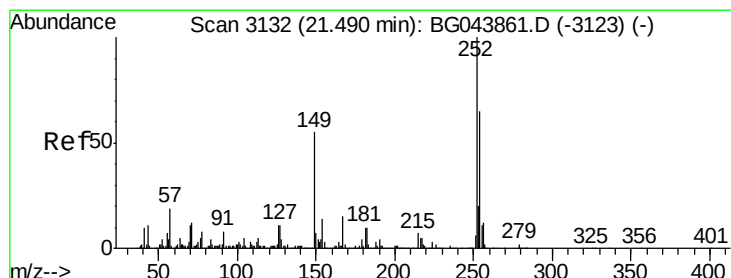
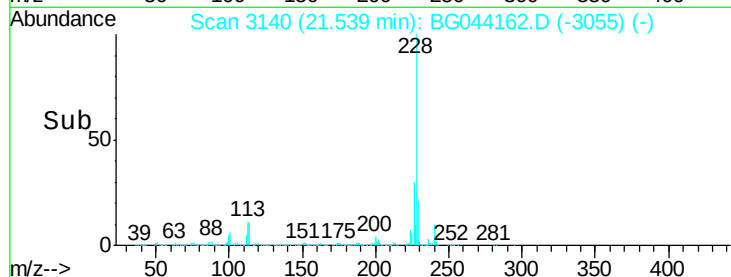
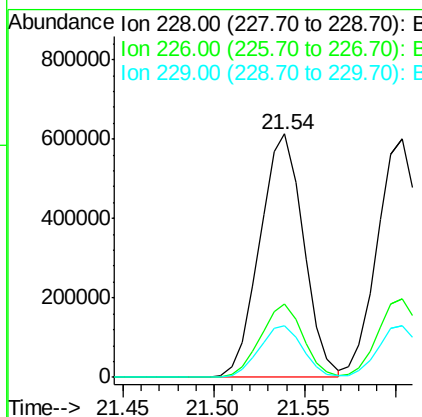
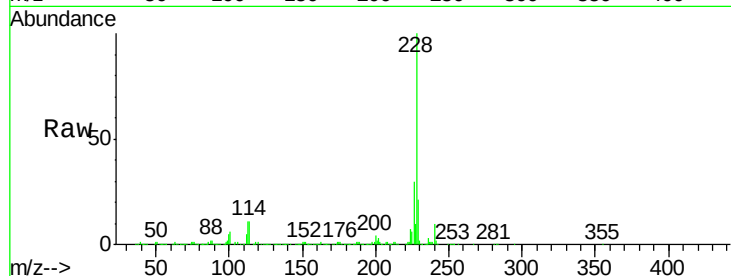
ClientSampleId :

SB-04-COMPMSD

Tot Ion:	228	Resp:	1030439
Ion	Ratio	Lower	Upper
228	100		
226	29.9	26.2	39.4
229	21.4	18.9	28.3

Manual Integrations
APPROVED

mohammad
1/23/2020 1:51:46 PM



#82

3,3'-Dichlorobenzidine

Concen: 21.847 ng

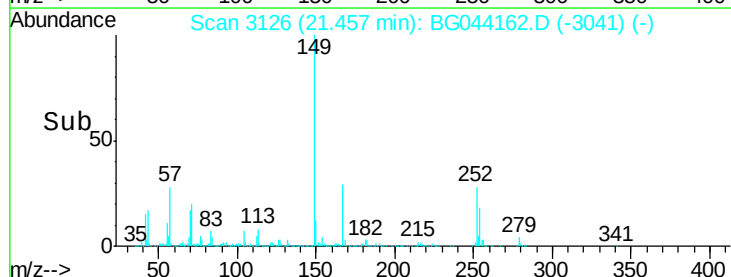
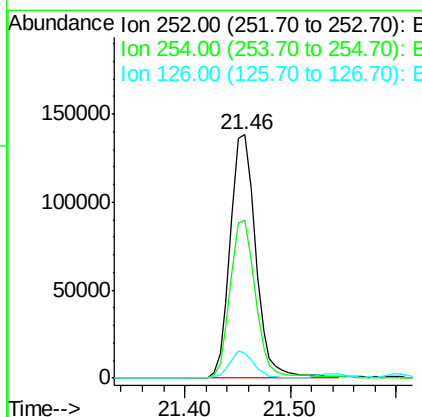
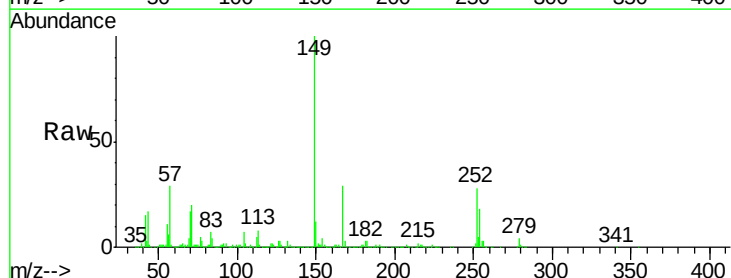
RT: 21.46 min Scan# 3126

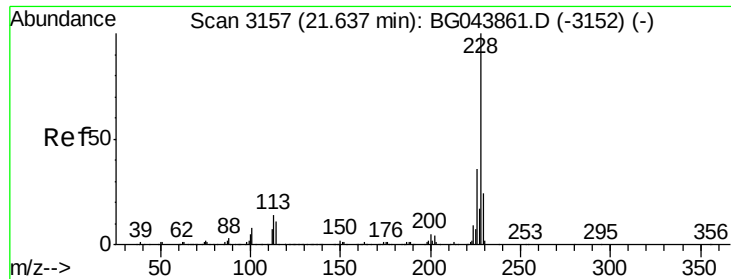
Delta R.T. -0.03 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

Tgt Ion:	252	Resp:	232212
Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.1	78.1
126	10.2	9.1	13.7





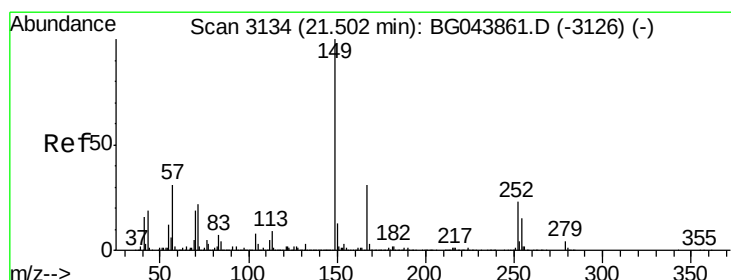
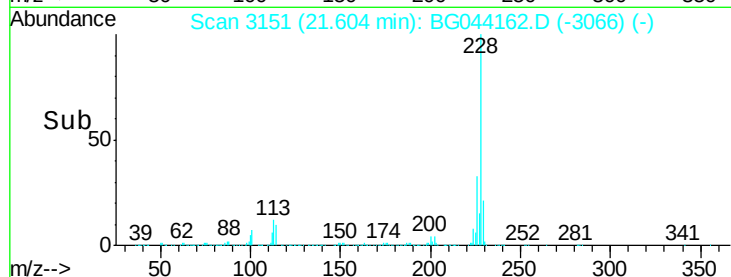
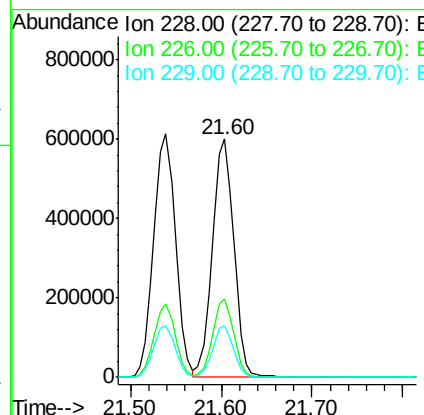
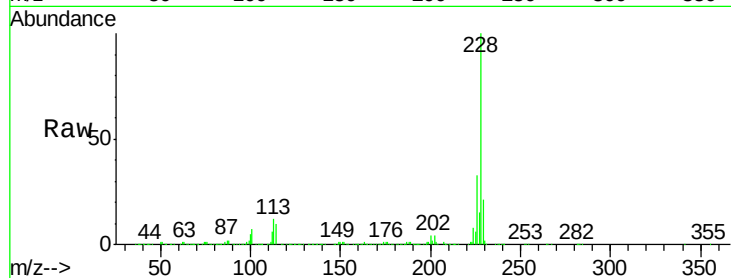
#83
Chrysene
Concen: 38.672 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.03 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	28.8	43.2
229	21.5	19.0	28.6

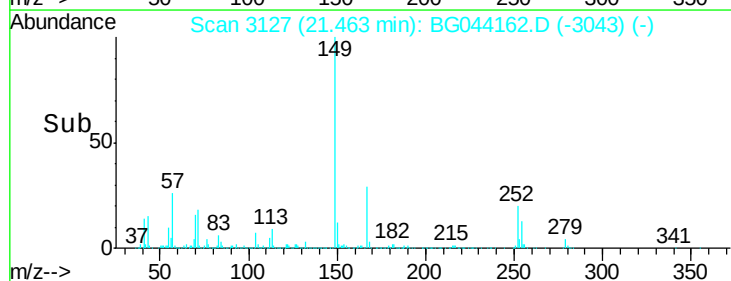
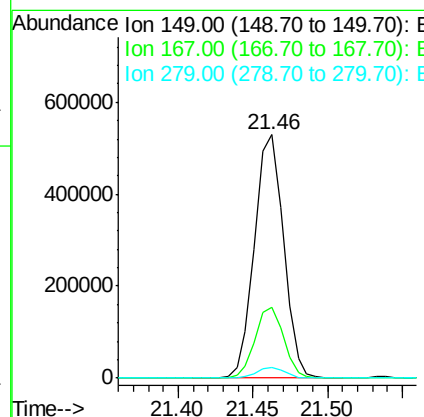
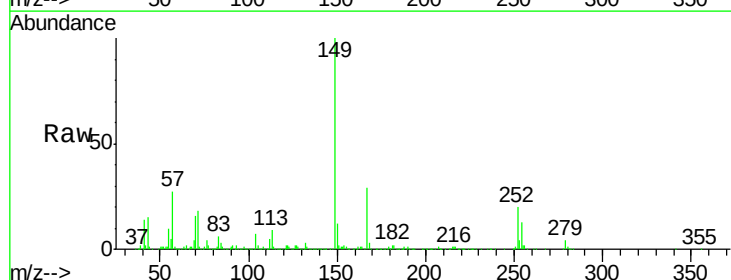
Manual Integrations
APPROVED

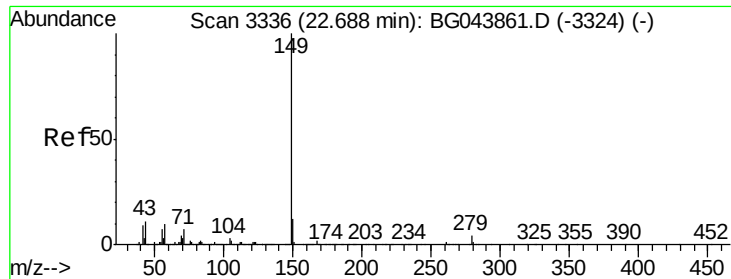
mohammad
1/23/2020 1:51:46 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.277 ng
RT: 21.46 min Scan# 3127
Delta R.T. -0.04 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	24.7	37.1
279	4.3	3.3	4.9





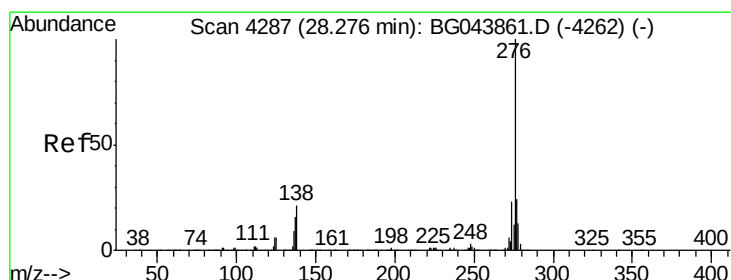
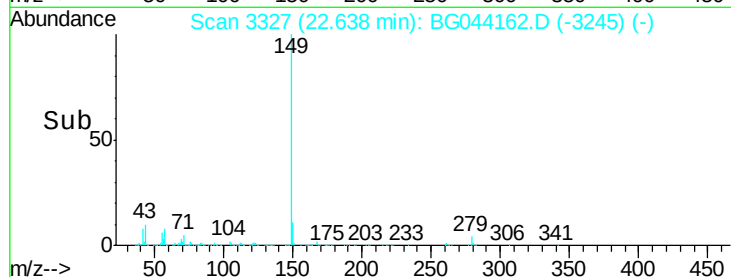
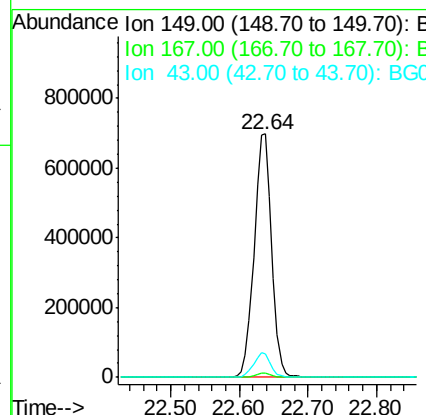
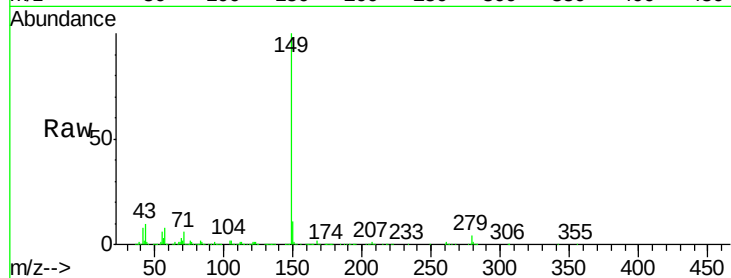
#85
Di-n-octyl phthalate
Concen: 39.772 ng
RT: 22.64 min Scan# 3327
Delta R.T. -0.05 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.5	8.8	13.2

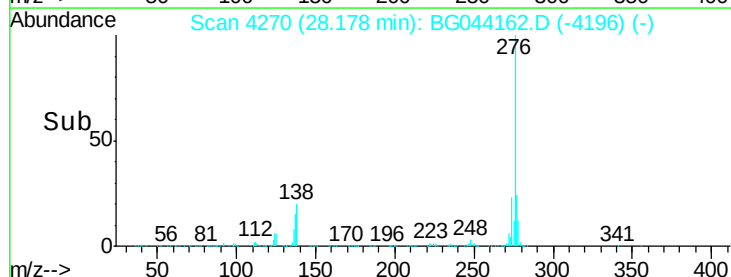
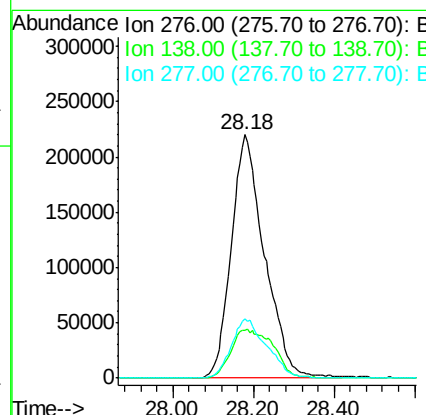
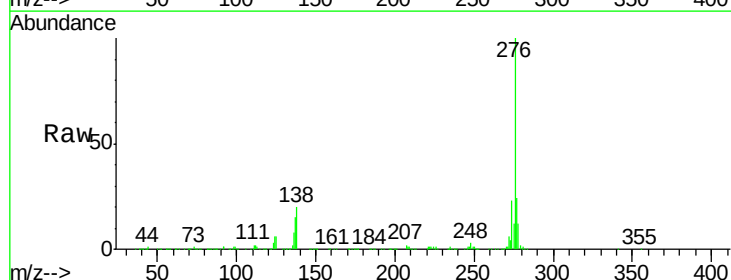
Manual Integrations
APPROVED

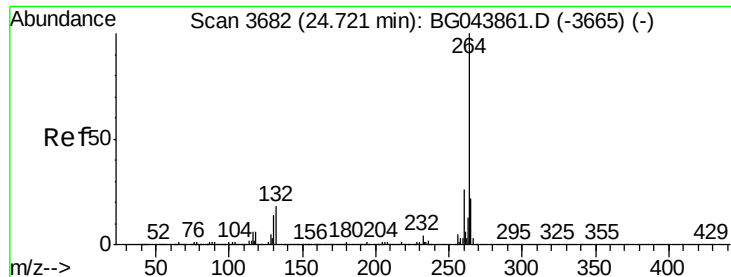
mohammad
1/23/2020 1:51:46 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.214 ng
RT: 28.18 min Scan# 4270
Delta R.T. -0.10 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	21.0	31.4
277	25.8	21.1	31.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3671

Delta R.T. -0.06 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

Instrument :

BNA_G

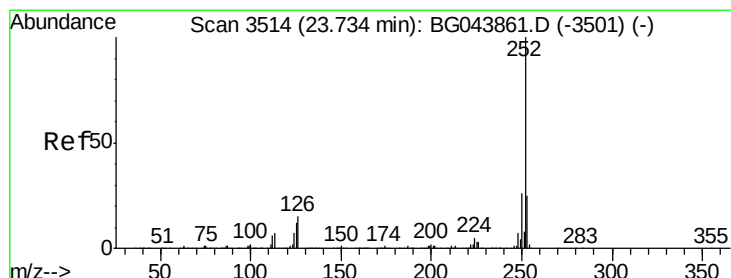
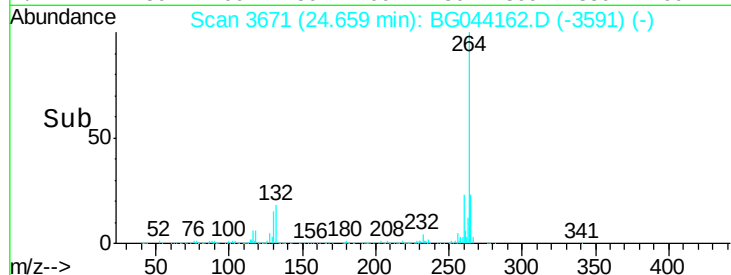
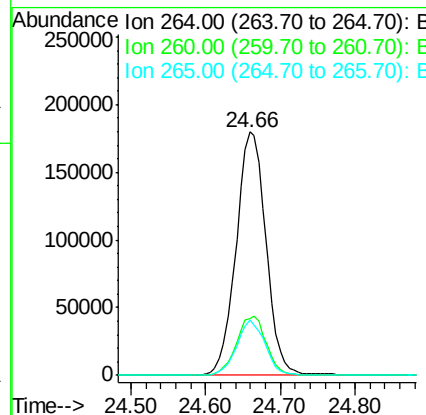
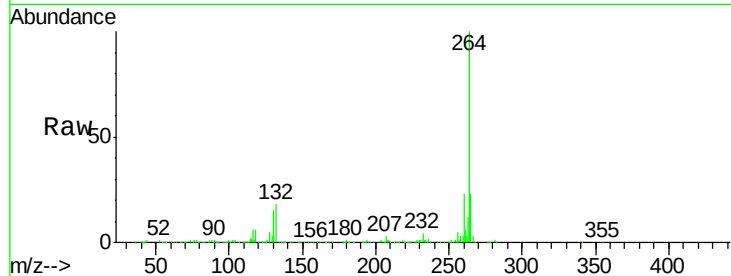
ClientSampleId :

SB-04-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100		499431		
260	23.4	20.4	30.6		
265	22.7	17.4	26.2		

Manual Integrations
APPROVED

mohammad
1/23/2020 1:51:46 PM



#88

Benzo(b)fluoranthene

Concen: 36.683 ng

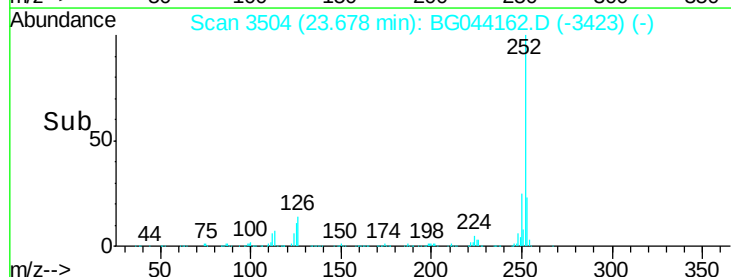
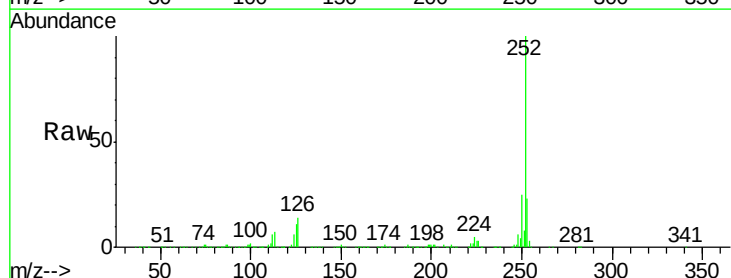
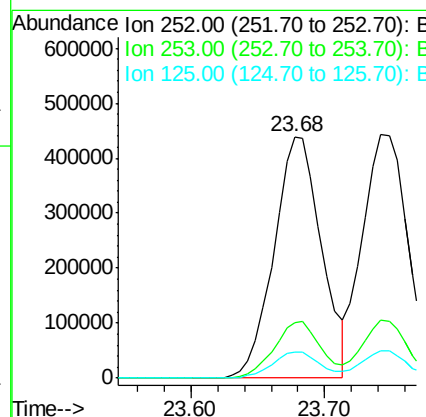
RT: 23.68 min Scan# 3504

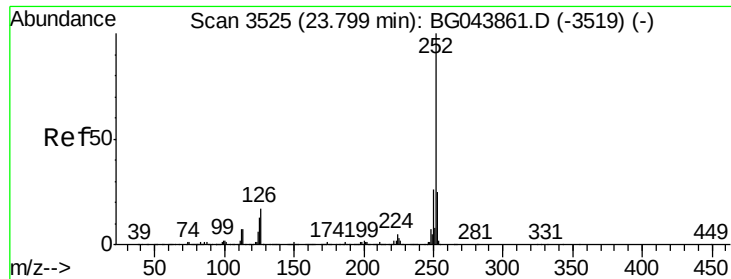
Delta R.T. -0.06 min

Lab File: BG044162.D

Acq: 22 Jan 2020 17:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		1083062		
253	22.8	19.7	29.5		
125	11.0	9.4	14.2		





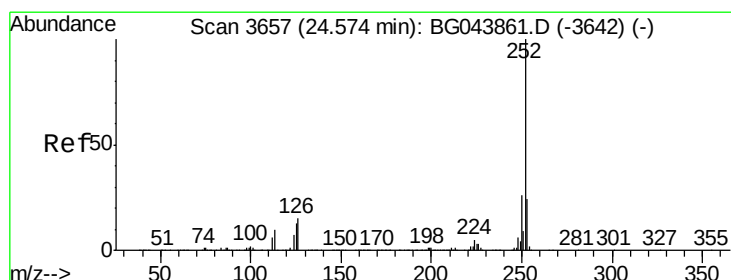
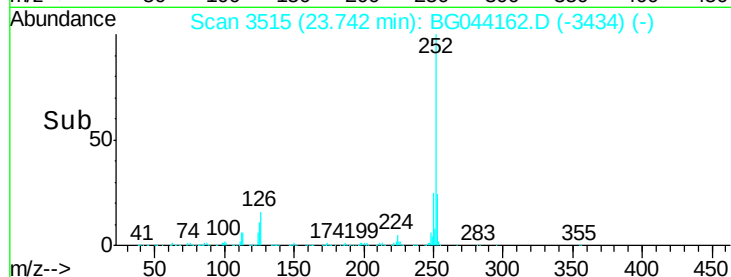
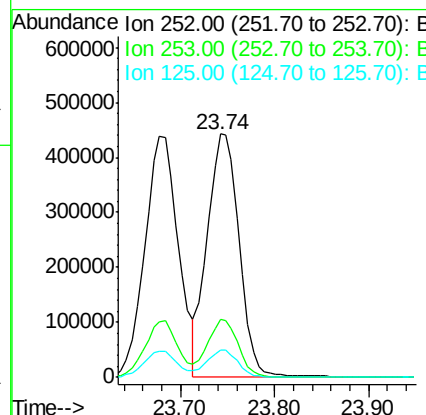
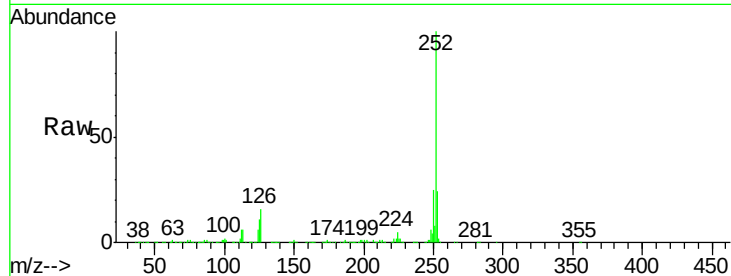
#89
Benzo(k)fluoranthene
Concen: 37.158 ng
RT: 23.74 min Scan# 3515
Delta R.T. -0.06 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.4	29.2
125	11.3	9.9	14.9

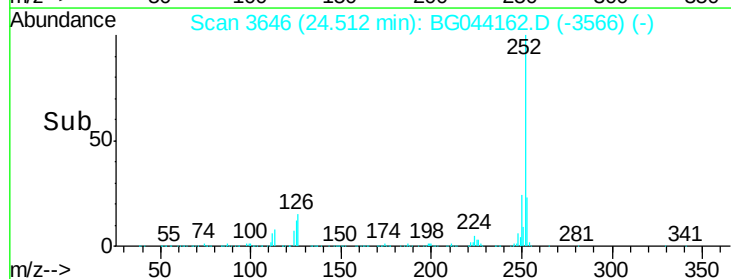
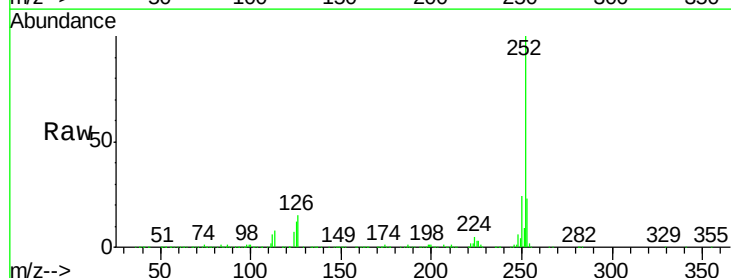
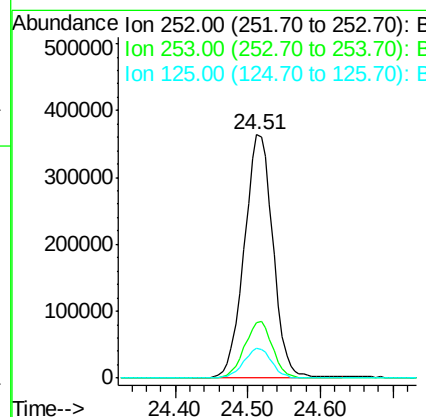
Manual Integrations
APPROVED

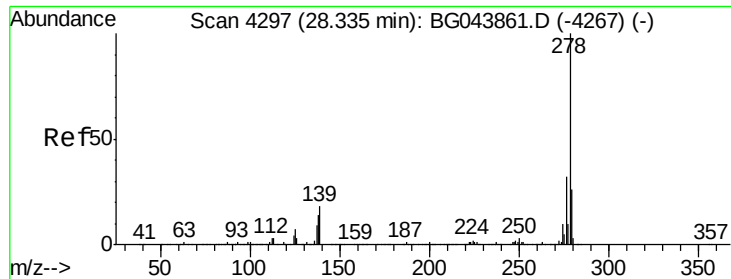
mohammad
1/23/2020 1:51:46 PM



#90
Benzo(a)pyrene
Concen: 35.804 ng
RT: 24.51 min Scan# 3646
Delta R.T. -0.06 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.3	28.9
125	12.3	10.4	15.6





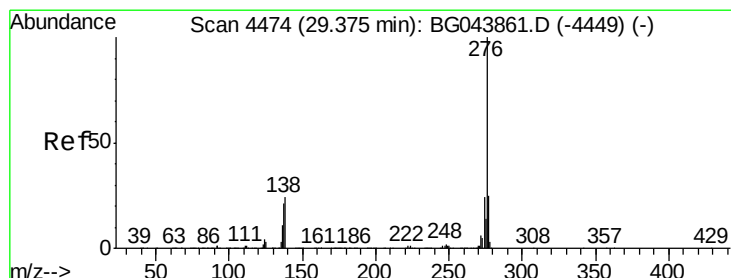
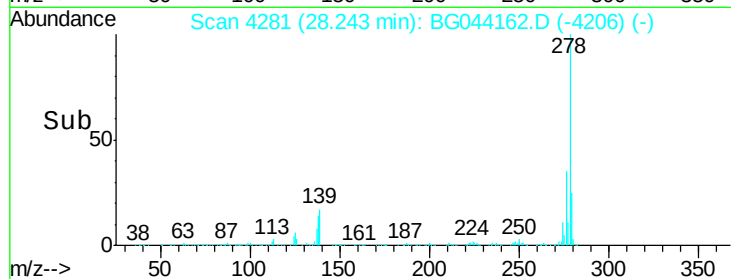
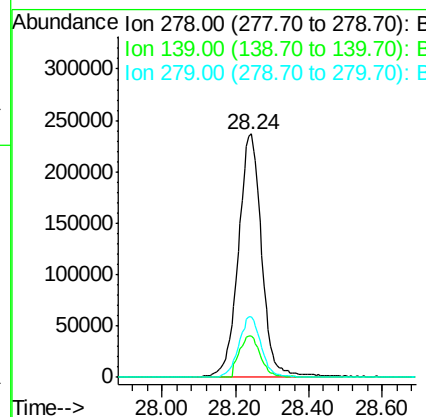
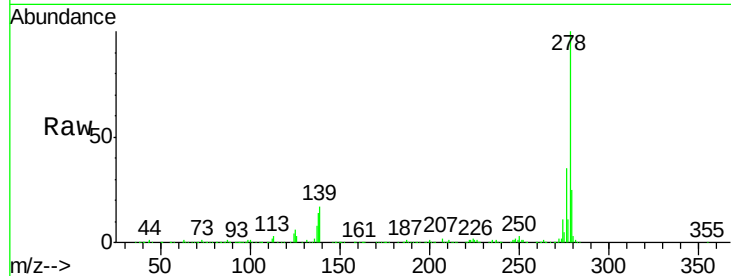
#91
Dibenzo(a,h)anthracene
Concen: 37.166 ng
RT: 28.24 min Scan# 4281
Delta R.T. -0.09 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SB-04-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	17.0	14.2	21.4	
279	24.7	20.6	30.8	

Manual Integrations
APPROVED

mohammad
1/23/2020 1:51:46 PM



#92
Benzo(g,h,i)perylene
Concen: 37.600 ng
RT: 29.27 min Scan# 4456
Delta R.T. -0.10 min
Lab File: BG044162.D
Acq: 22 Jan 2020 17:39

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.5	20.2	30.4	
138	21.6	19.0	28.6	

