

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
 Data File : BG045184.D
 Acq On : 28 Apr 2020 13:56
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 4/30/2020 12:04:32 AM

Quant Time: Apr 28 14:37:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 14:34:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	62039	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	236472	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	171323	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	428042	20.00	ng	0.00
76) Chrysene-d12	21.65	240	451337	20.00	ng	0.00
87) Perylene-d12	24.82	264	511356	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	309078	82.25	ng	0.00
7) Phenol-d6	7.15	99	436159	78.12	ng	0.00
23) Nitrobenzene-d5	9.15	82	421816	81.39	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	215746	81.51	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	982748	84.11	ng	0.00
79) Terphenyl-d14	20.00	244	1790541	86.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	69491	41.611	ng	98
3) Pyridine	3.85	79	199472	38.793	ng	95
4) n-Nitrosodimethylamine	3.76	42	61111	38.796	ng	99
6) Aniline	7.31	93	267765	36.887	ng	99
8) 2-Chlorophenol	7.55	128	158650	39.283	ng	96
9) Benzaldehyde	7.12	77	122323	38.429	ng	97
10) Phenol	7.18	94	213078	38.139	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	166297	37.385	ng	94
12) 1,3-Dichlorobenzene	7.88	146	189181	39.753	ng	97
13) 1,4-Dichlorobenzene	8.02	146	190080	40.084	ng	99
14) 1,2-Dichlorobenzene	8.35	146	177781	39.188	ng	96
15) Benzyl Alcohol	8.23	79	167322	35.745	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	155753	35.670	ng	97
17) 2-Methylphenol	8.43	107	160356	37.201	ng	96
18) Hexachloroethane	9.08	117	72167	40.483	ng	96
19) n-Nitroso-di-n-propylamine	8.79	70	139023	35.210	ng	97
20) 3+4-Methylphenols	8.76	107	216663	35.910	ng	98
22) Acetophenone	8.81	105	247850	38.758	ng	96
24) Nitrobenzene	9.19	77	215867	40.635	ng	# 94
25) Isophorone	9.71	82	410878	38.714	ng	99
26) 2-Nitrophenol	9.91	139	93772	40.980	ng	100
27) 2,4-Dimethylphenol	9.97	122	141017	38.839	ng	98
28) bis(2-Chloroethoxy)methane	10.20	93	214102	38.395	ng	98
29) 2,4-Dichlorophenol	10.45	162	164487	39.234	ng	99
30) 1,2,4-Trichlorobenzene	10.66	180	197059	41.515	ng	98
31) Naphthalene	10.85	128	527980	40.814	ng	98
32) Benzoic acid	10.11	122	83053	30.930	ng	97
33) 4-Chloroaniline	10.95	127	223511	37.048	ng	98
34) Hexachlorobutadiene	11.14	225	145087	44.581	ng	92
35) Caprolactam	11.71	113	58458	35.035	ng	93
36) 4-Chloro-3-methylphenol	12.08	107	194147	39.421	ng	100
37) 2-Methylnaphthalene	12.46	142	401133	39.950	ng	99
38) 1-Methylnaphthalene	12.68	142	375824	39.648	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	225911	40.954	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
 Data File : BG045184.D
 Acq On : 28 Apr 2020 13:56
 Operator : CG/JU
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTDC040

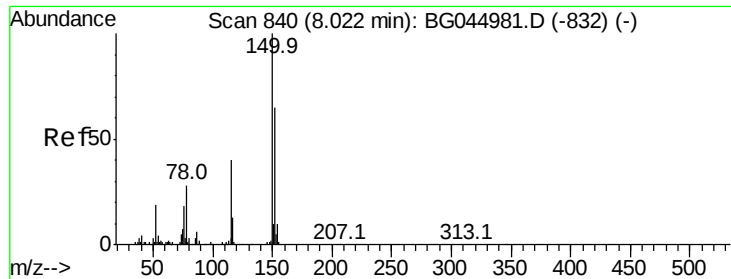
Manual Integrations
 APPROVED

mohammad
 4/30/2020 12:04:32 AM

Quant Time: Apr 28 14:37:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 14:34:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	191907	55.663	nq	94
43) 2,4,6-Trichlorophenol	13.06	196	158348	40.674	nq	93
44) 2,4,5-Trichlorophenol	13.14	196	176031	39.724	nq	99
46) 1,1'-Biphenyl	13.47	154	519510	39.896	nq	99
47) 2-Chloronaphthalene	13.51	162	399902	40.191	nq	99
48) 2-Nitroaniline	13.70	65	128076	39.123	nq	92
49) Acenaphthylene	14.36	152	645232	39.812	nq	97
50) Dimethylphthalate	14.09	163	554104	39.721	nq	99
51) 2,6-Dinitrotoluene	14.20	165	127217	40.772	nq	98
52) Acenaphthene	14.70	154	450138m	41.050	nq	
53) 3-Nitroaniline	14.53	138	129739	37.912	nq	91
54) 2,4-Dinitrophenol	14.74	184	94112	50.724	nq	95
55) Dibenzofuran	15.03	168	644538	40.316	nq	99
56) 4-Nitrophenol	14.85	139	106600	40.175	nq	96
57) 2,4-Dinitrotoluene	14.99	165	185093	40.592	nq	97
58) Fluorene	15.68	166	535794	41.030	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	159524	40.458	nq	99
60) Diethylphthalate	15.45	149	577119	39.680	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	308889	41.096	nq	97
62) 4-Nitroaniline	15.70	138	133834	37.706	nq	99
63) Azobenzene	15.97	77	535254	39.917	nq	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	115931	41.205	nq	96
66) n-Nitrosodiphenylamine	15.89	169	470943	38.293	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	214606	38.863	nq	97
68) Hexachlorobenzene	16.69	284	226061	39.472	nq	98
69) Atrazine	16.83	200	178522	39.180	nq	96
70) Pentachlorophenol	17.03	266	162725	46.316	nq	98
71) Phenanthrene	17.42	178	890927	40.504	nq	100
72) Anthracene	17.52	178	904961	41.015	nq	97
73) Carbazole	17.78	167	901803	40.275	nq	98
74) Di-n-butylphthalate	18.34	149	1103010	45.294	nq	100
75) Fluoranthene	19.43	202	1199553	46.620	nq	98
77) Benzidine	19.61	184	576894	43.998	nq	98
78) Pyrene	19.80	202	1215567	39.066	nq	99
80) Butylbenzylphthalate	20.68	149	530873	41.160	nq	99
81) Benzo(a)anthracene	21.63	228	1183208	40.447	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	490693	42.144	nq	97
83) Chrysene	21.69	228	1154129	41.062	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	726431	40.952	nq	99
85) Di-n-octyl phthalate	22.74	149	1262672	41.163	nq	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1516717	40.644	nq	# 95
88) Benzo(b)fluoranthene	23.82	252	1296361	40.472	nq	98
89) Benzo(k)fluoranthene	23.89	252	1234382	40.523	nq	99
90) Benzo(a)pyrene	24.68	252	1224885	40.502	nq	98
91) Dibenzo(a,h)anthracene	28.50	278	1235903	40.557	nq	98
92) Benzo(g,h,i)perylene	29.55	276	1213384	39.716	nq	99

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



#1

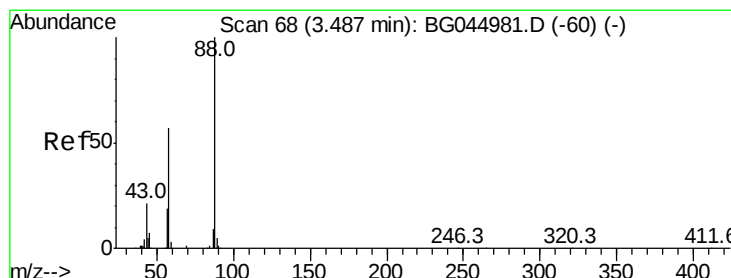
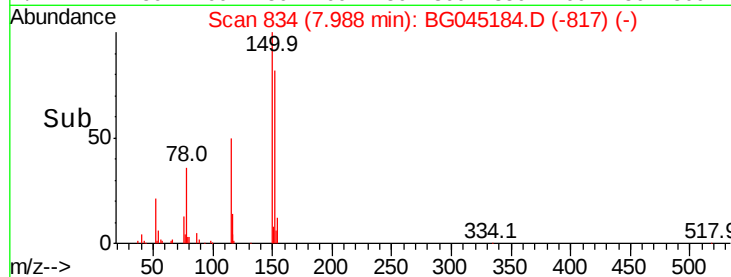
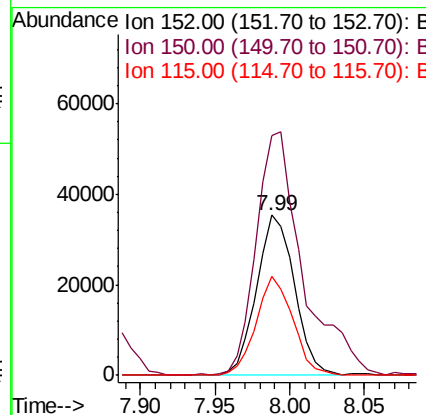
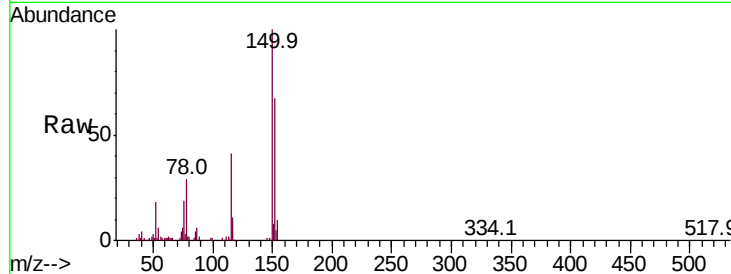
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	123.6	185.4
115	61.5	49.1	73.7

Manual Integrations
APPROVED

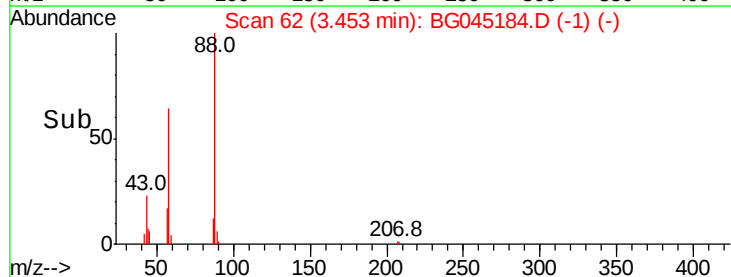
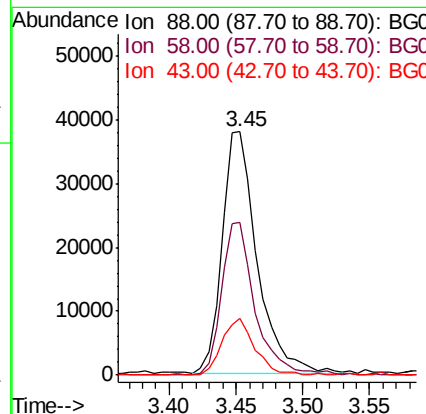
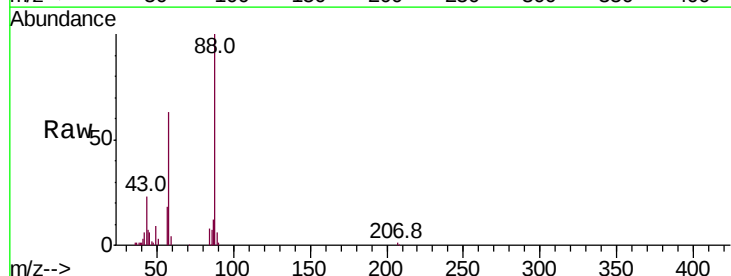
mohammad
4/30/2020 12:04:32 AM

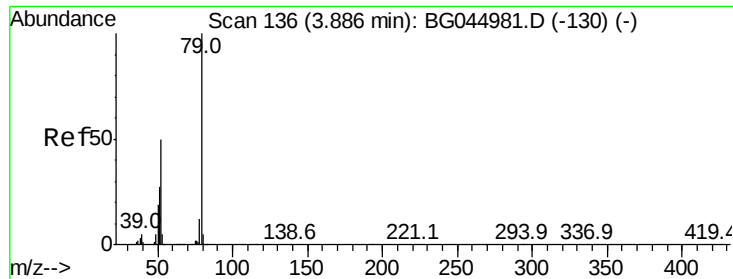


#2

1,4-Dioxane
Concen: 41.611 ng
RT: 3.45 min Scan# 62
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.6	46.6	69.8
43	22.0	17.5	26.3





#3

Pvridine

Concen: 38.793 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

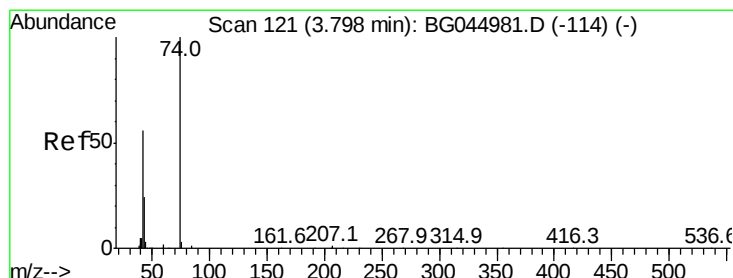
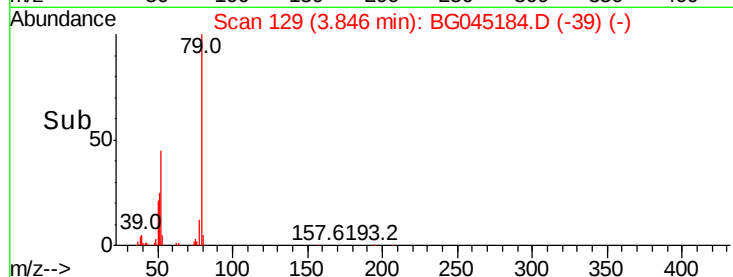
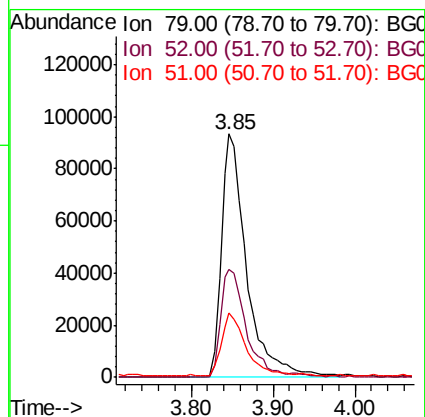
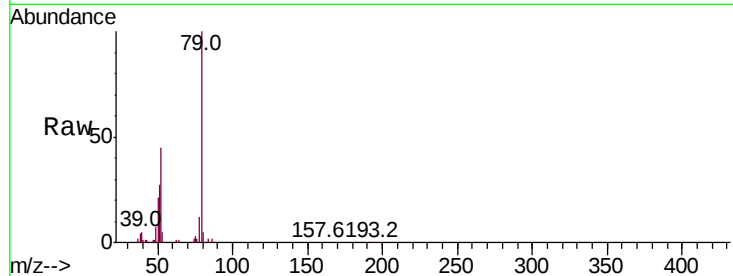
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	199472
Ion Ratio	Lower	Upper	
79	100		
52	44.5	39.8	59.6
51	26.6	21.4	32.2

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:32 AM



#4

n-Nitrosodimethylamine

Concen: 38.796 ng

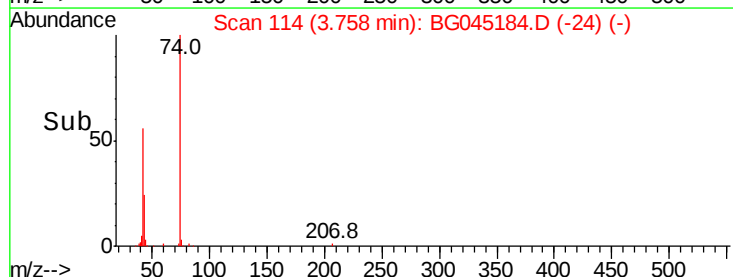
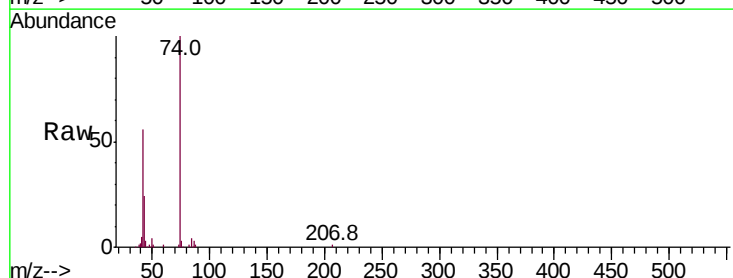
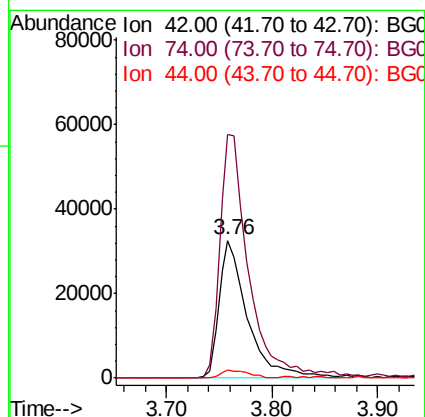
RT: 3.76 min Scan# 114

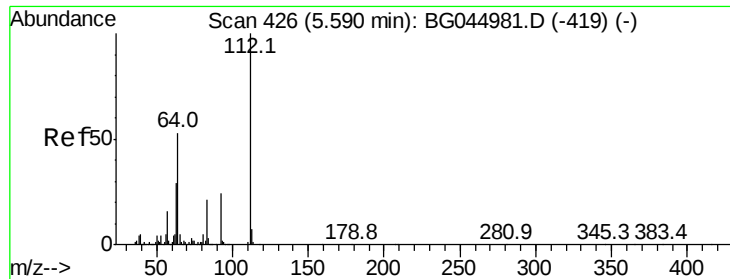
Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Tgt Ion:	42	Resp:	61111
Ion Ratio	Lower	Upper	
42	100		
74	177.2	143.0	214.6
44	6.1	4.6	6.8





#5

2-Fluorophenol

Concen: 82.250 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

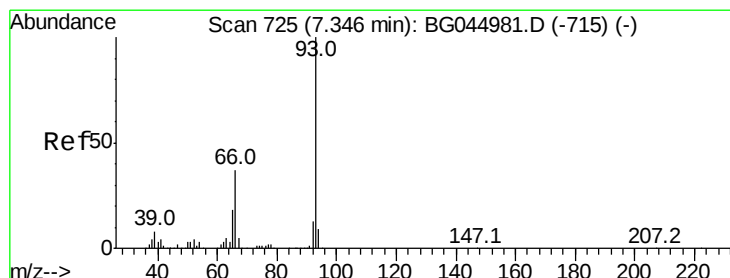
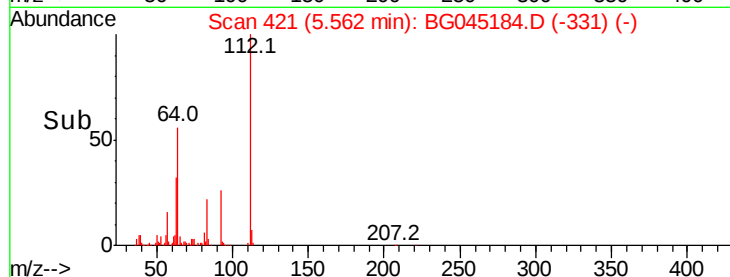
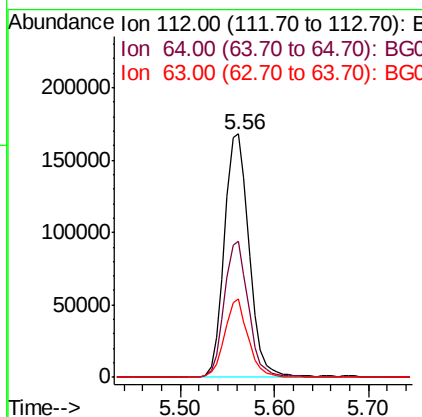
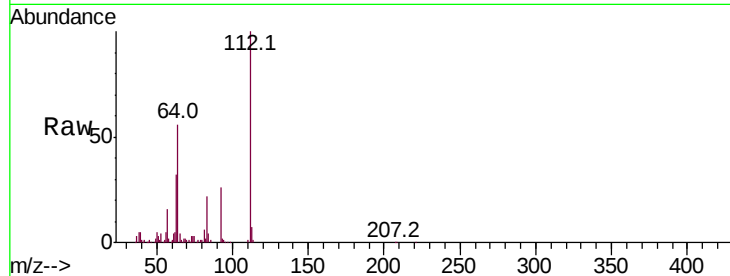
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	309078
Ion Ratio	Lower	Upper	
112	100		
64	55.9	42.4	63.6
63	32.1	23.1	34.7

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:32 AM



#6

Aniline

Concen: 36.887 ng

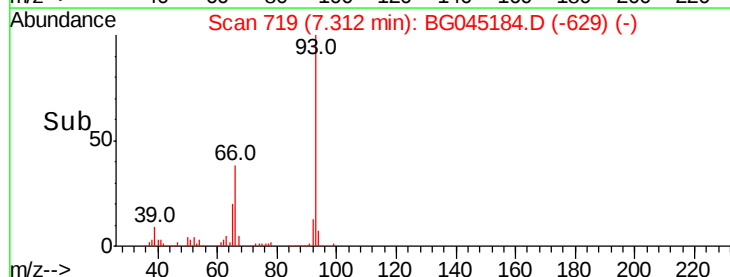
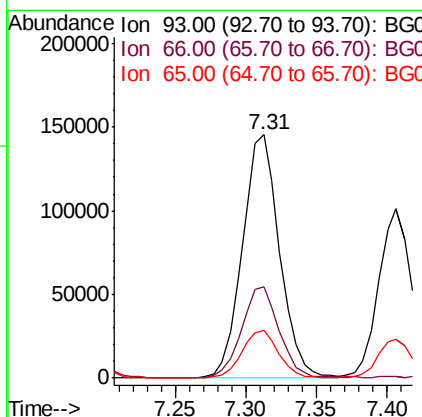
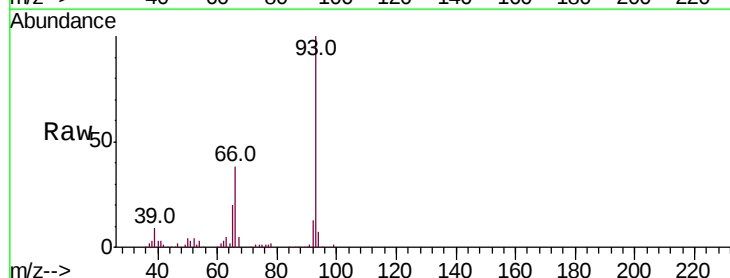
RT: 7.31 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Tgt Ion:	93	Resp:	267765
Ion Ratio	Lower	Upper	
93	100		
66	37.5	29.8	44.8
65	19.9	14.6	22.0





#7

Phenol-d6

Concen: 78.121 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

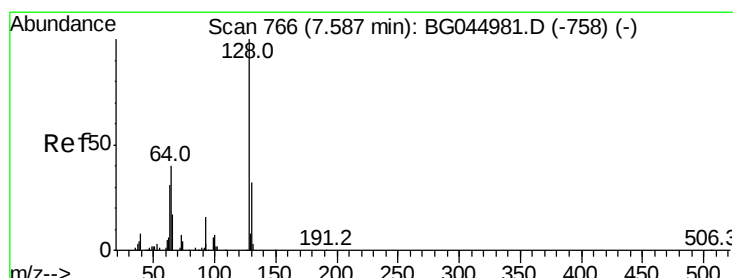
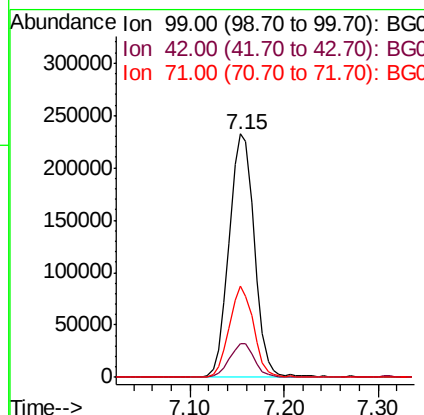
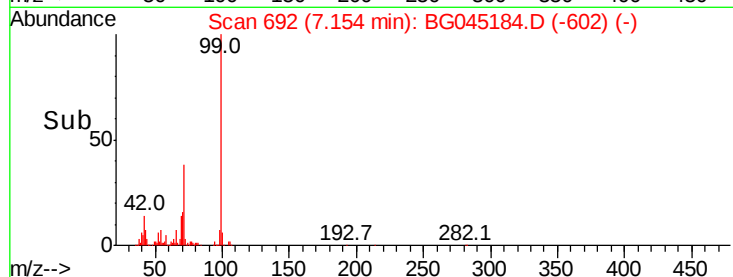
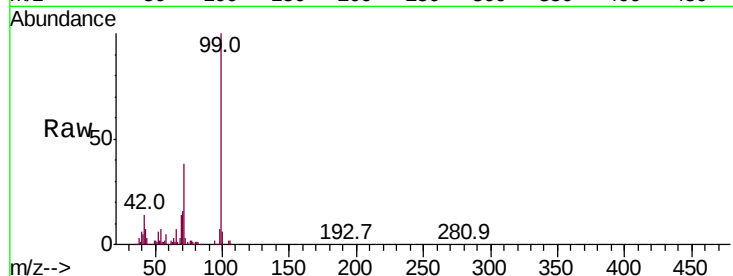
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	436159
Ion Ratio	Lower	Upper	
99	100		
42	14.1	11.3	16.9
71	37.6	28.3	42.5

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:32 AM



#8

2-Chlorophenol

Concen: 39.283 ng

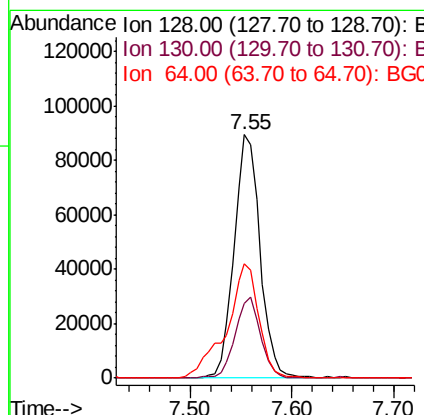
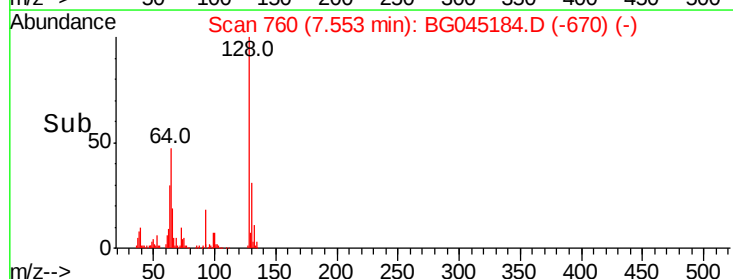
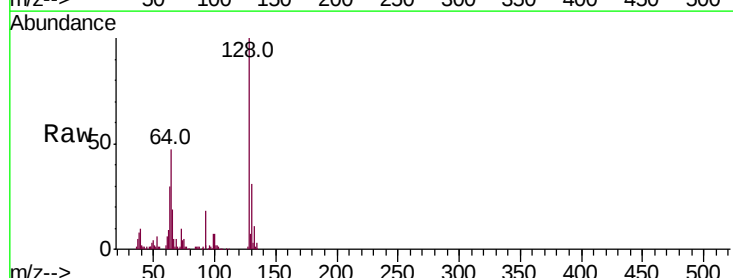
RT: 7.55 min Scan# 760

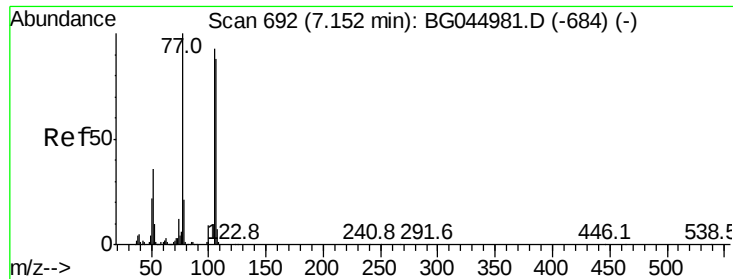
Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Tgt Ion:	128	Resp:	158650
Ion Ratio	Lower	Upper	
128	100		
130	30.5	12.3	52.3
64	47.2	24.4	64.4





#9

Benzaldehyde

Concen: 38.429 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

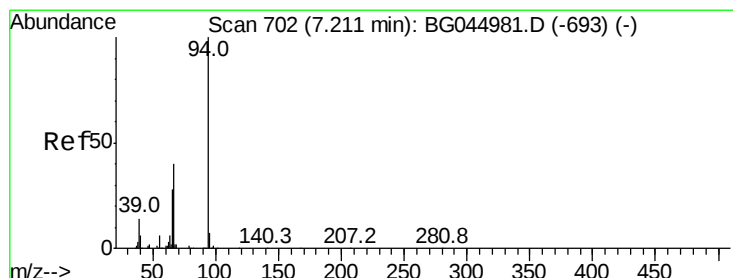
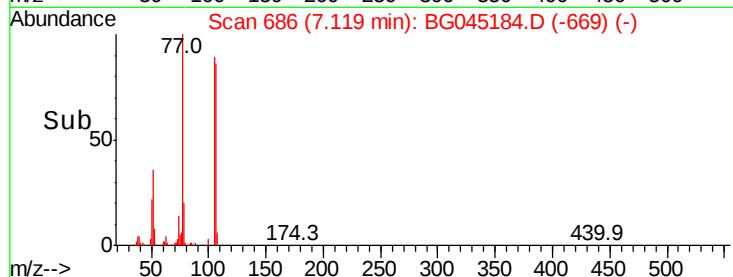
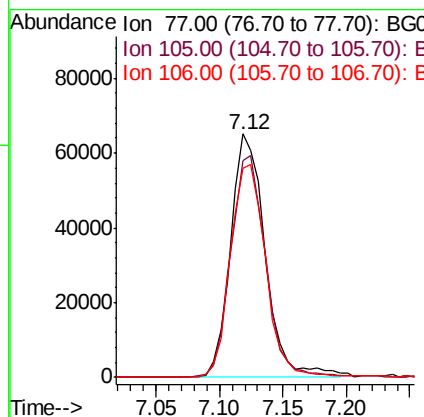
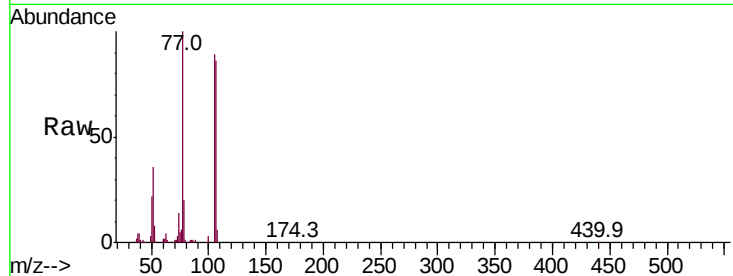
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	122323
Ion Ratio	Lower	Upper	
77	100		
105	89.3	72.9	112.9
106	85.7	67.6	107.6

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:32 AM



#10

Phenol

Concen: 38.139 ng

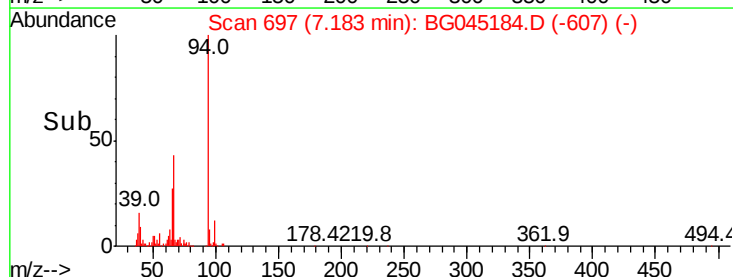
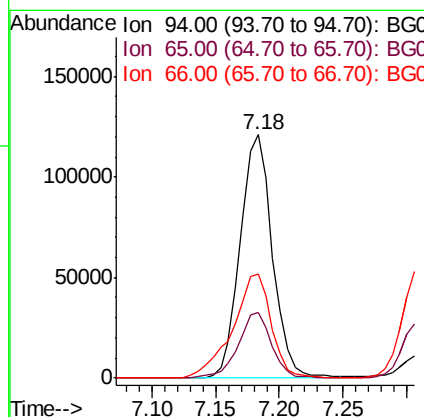
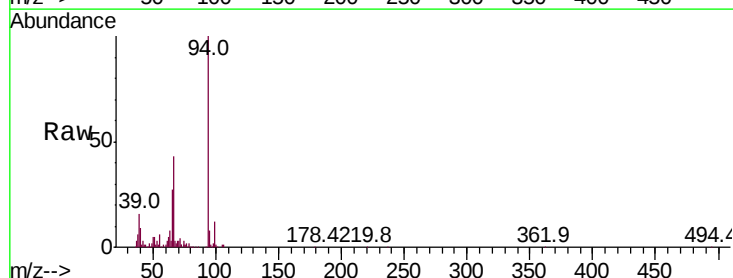
RT: 7.18 min Scan# 697

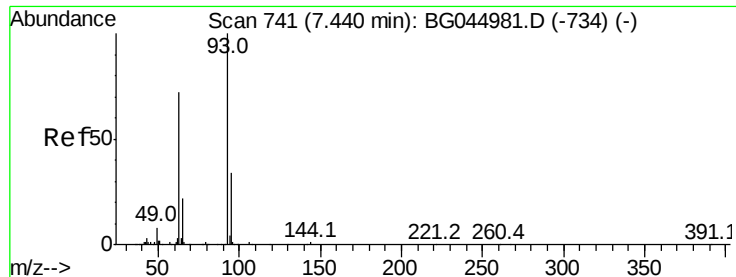
Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Tgt Ion:	94	Resp:	213078
Ion Ratio	Lower	Upper	
94	100		
65	26.7	8.2	48.2
66	42.9	20.4	60.4





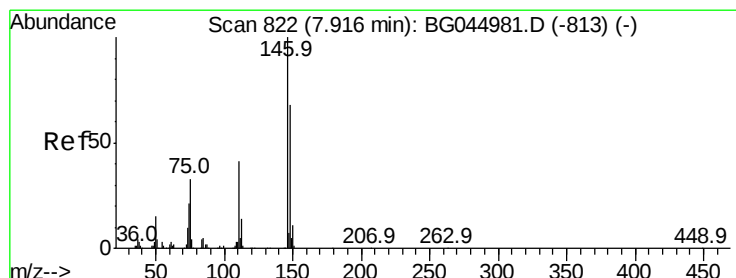
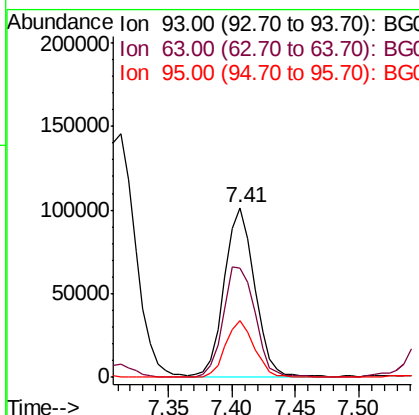
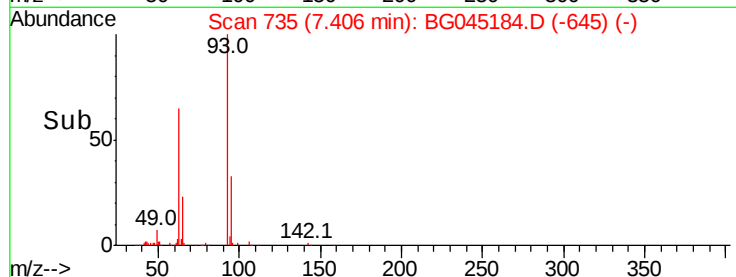
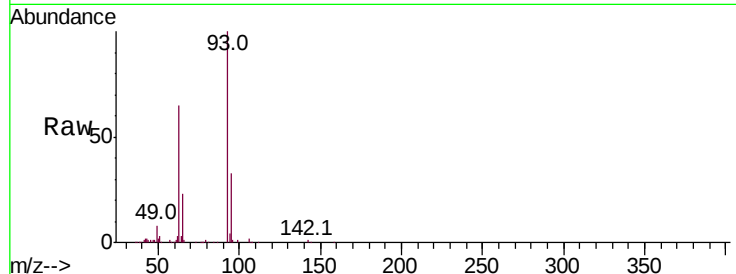
#11
bis(2-Chloroethyl)ether
Concen: 37.385 ng
RT: 7.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	166297		
63	64.7	51.8	91.8	
95	33.1	13.8	53.8	

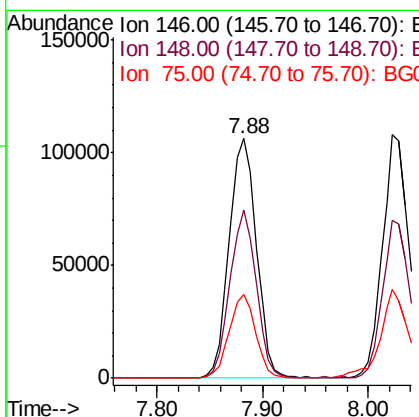
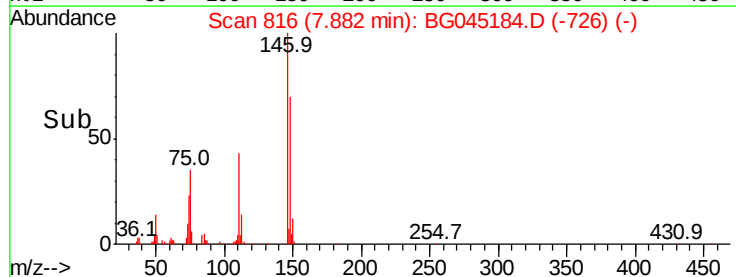
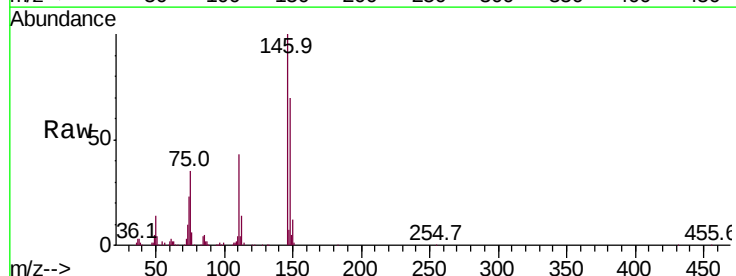
Manual Integrations
APPROVED

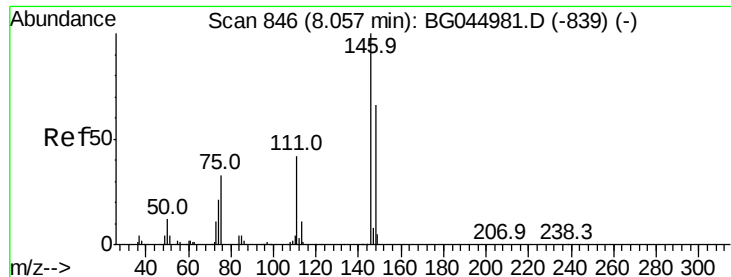
mohammad
4/30/2020 12:04:32 AM



#12
1,3-Dichlorobenzene
Concen: 39.753 ng
RT: 7.88 min Scan# 816
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	189181		
148	69.9	54.6	81.8	
75	34.9	26.0	39.0	





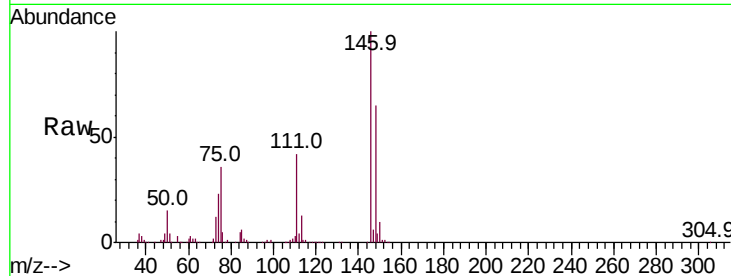
#13
1,4-Dichlorobenzene
Concen: 40.084 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
146	100	190080		
148	64.9	53.3	79.9	
111	42.2	33.8	50.8	

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:32 AM

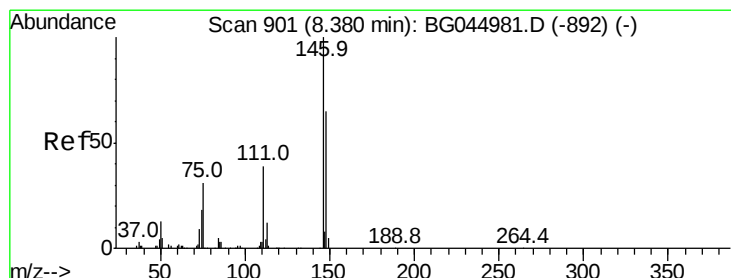
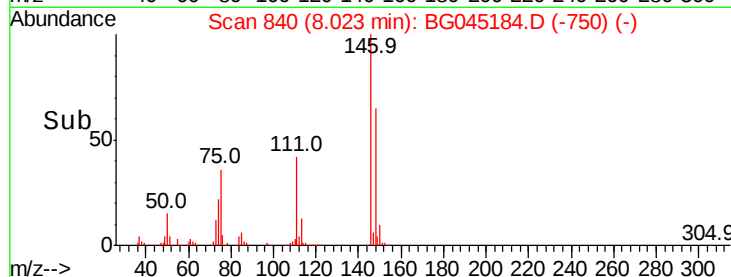
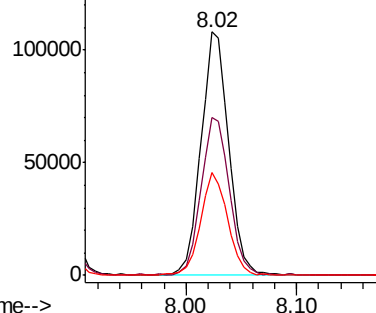


Abundance

Ion 146.00 (145.70 to 146.70): E

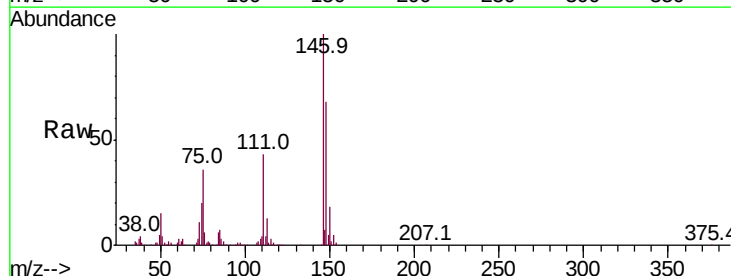
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 39.188 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	177781		
148	67.6	51.9	77.9	
111	42.6	31.3	46.9	

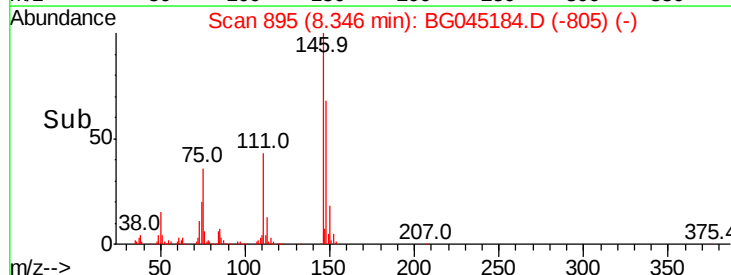
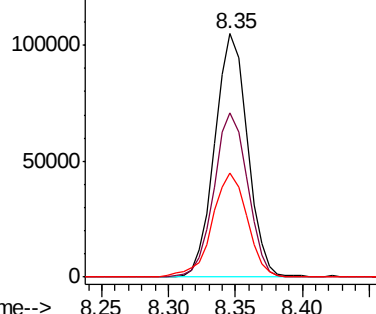


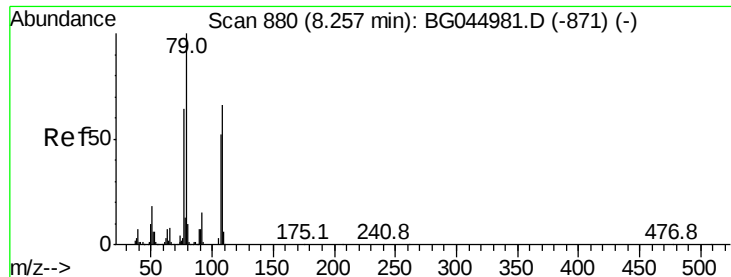
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





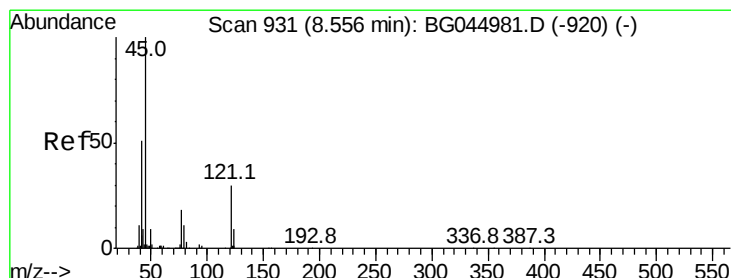
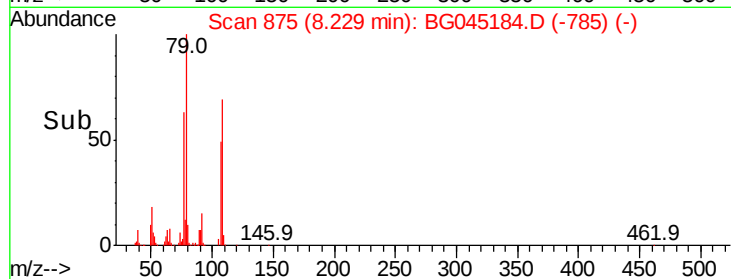
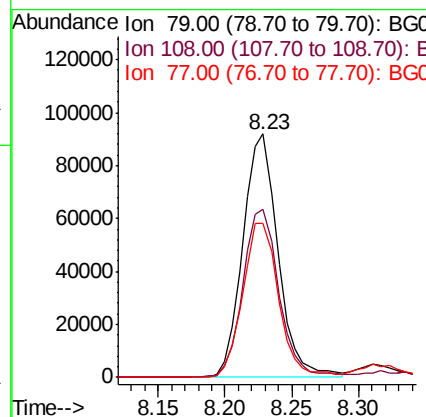
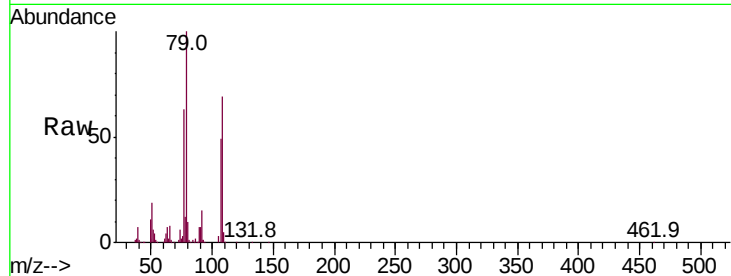
#15
Benzyl Alcohol
Concen: 35.745 ng
RT: 8.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.8	52.7	79.1
77	63.1	51.3	76.9

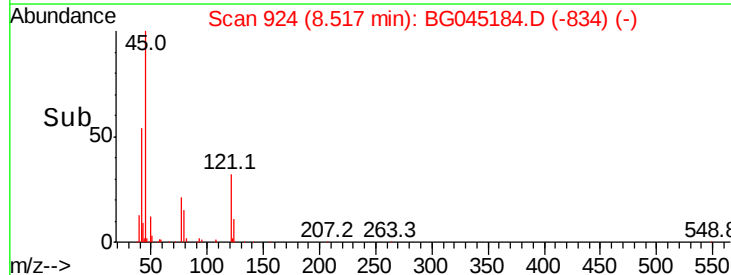
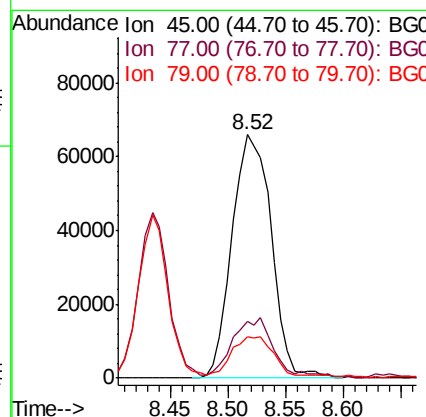
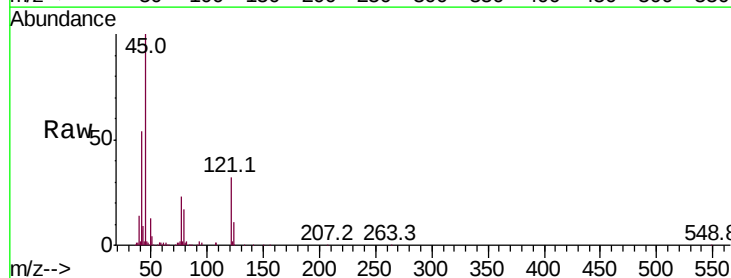
Manual Integrations
APPROVED

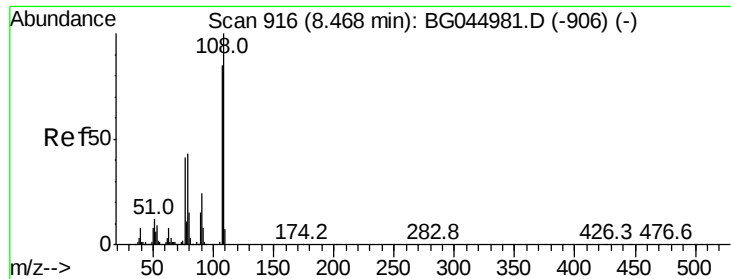
mohammad
4/30/2020 12:04:32 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.670 ng
RT: 8.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.1	1.9	41.9
79	17.1	0.0	35.5





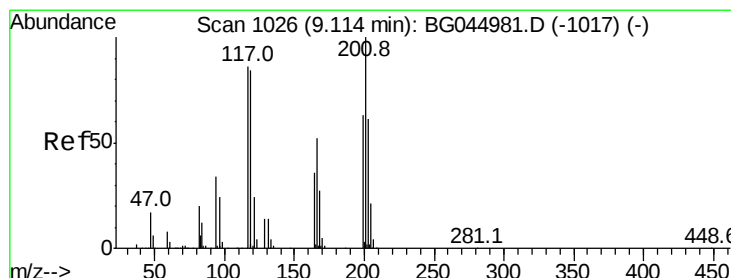
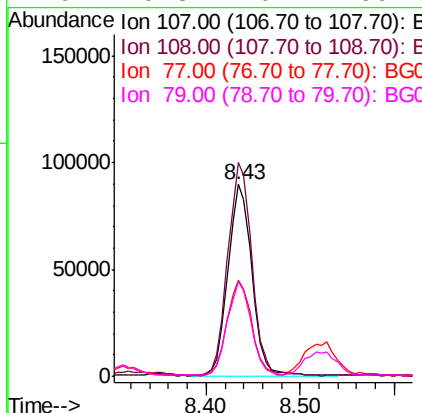
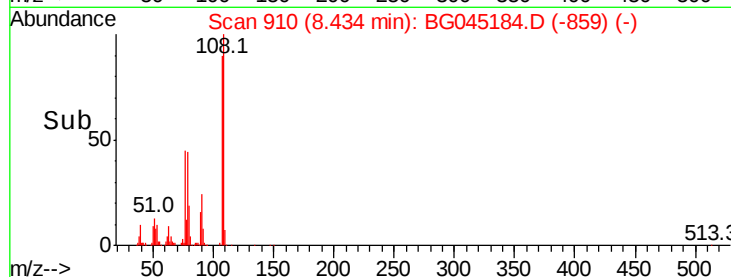
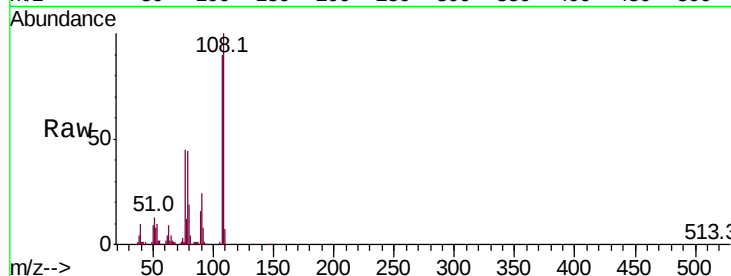
#17
2-Methylphenol
Concen: 37.201 ng
RT: 8.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	93.8	140.6	
77	49.9	38.5	57.7	
79	49.3	40.1	60.1	

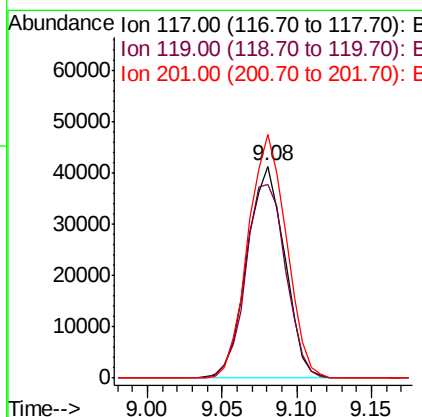
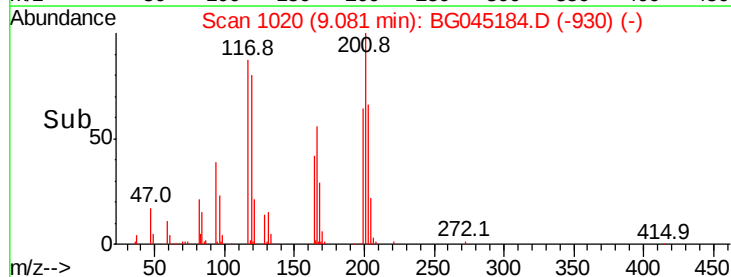
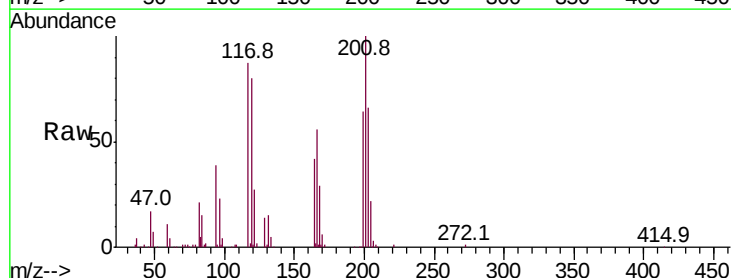
Manual Integrations
APPROVED

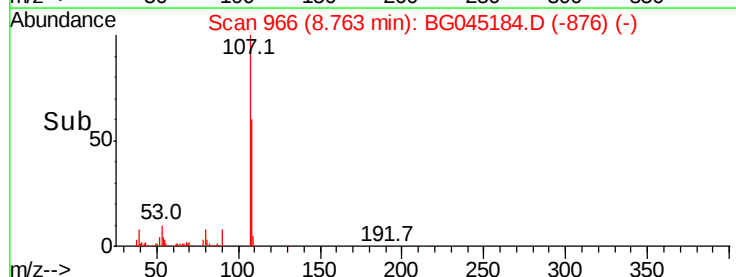
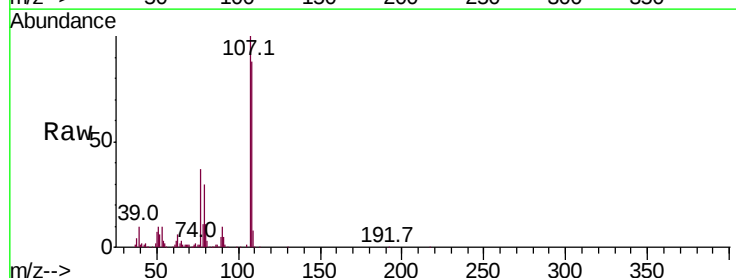
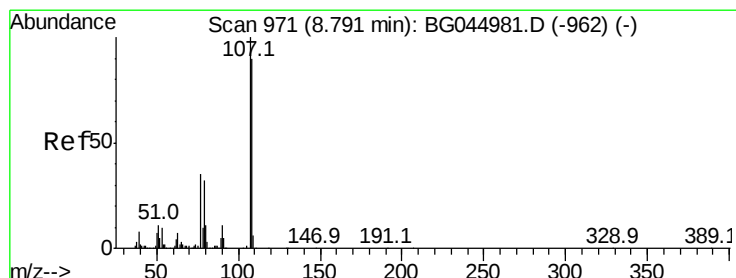
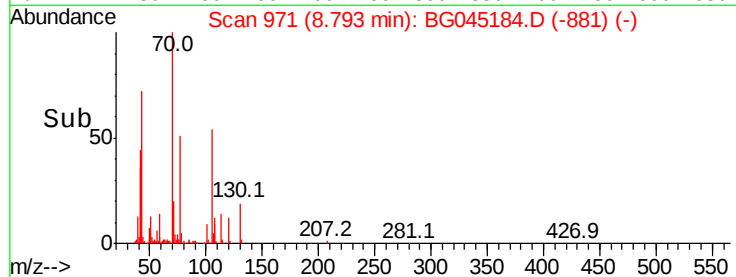
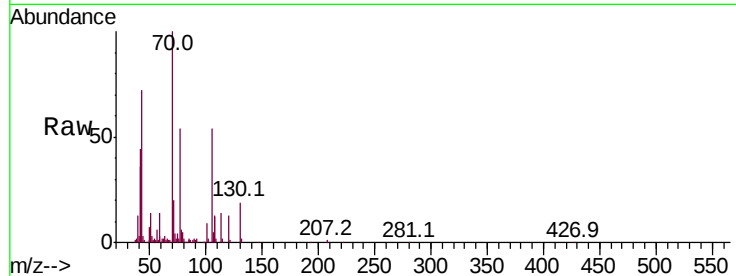
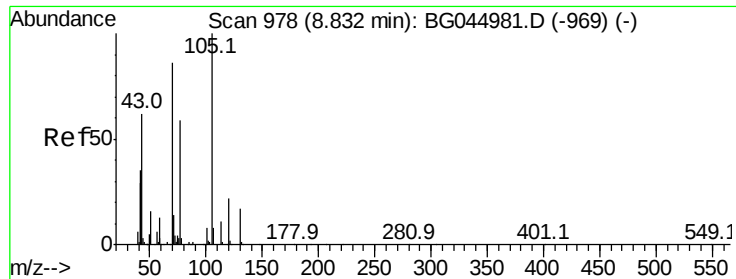
mohammad
4/30/2020 12:04:32 AM



#18
Hexachloroethane
Concen: 40.483 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.4	78.3	117.5	
201	114.8	92.9	139.3	





#19

n-Nitroso-di-n-propylamine

Concen: 35.210 ng

RT: 8.79 min Scan# 971

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 139023

Ion Ratio Lower Upper

70 100

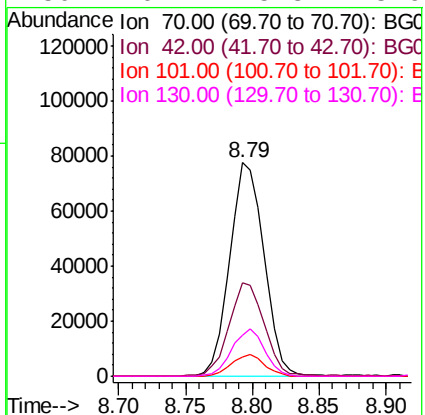
42 43.7 33.3 49.9

101 9.0 7.8 11.8

130 19.2 15.8 23.6

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:32 AM



#20

3+4-Methylphenols

Concen: 35.910 ng

RT: 8.76 min Scan# 966

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Tgt Ion: 107 Resp: 216663

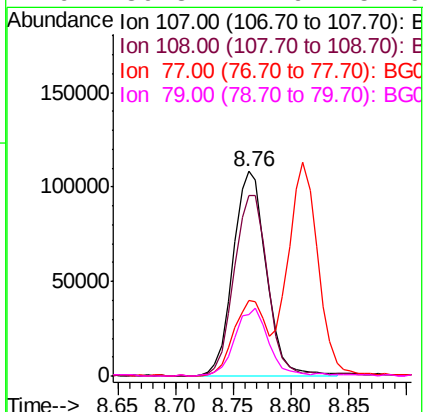
Ion Ratio Lower Upper

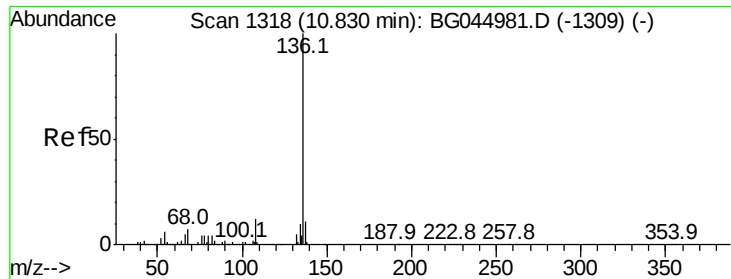
107 100

108 88.4 69.9 109.9

77 36.8 15.2 55.2

79 30.3 11.6 51.6





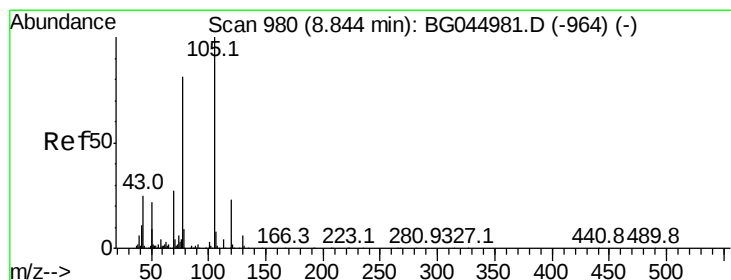
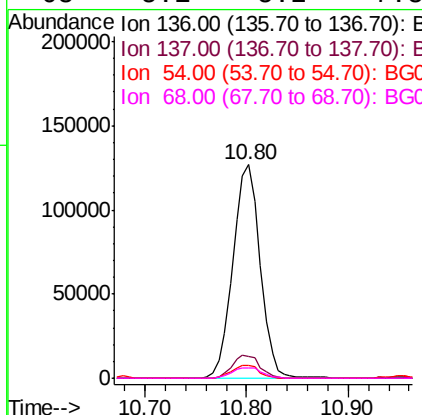
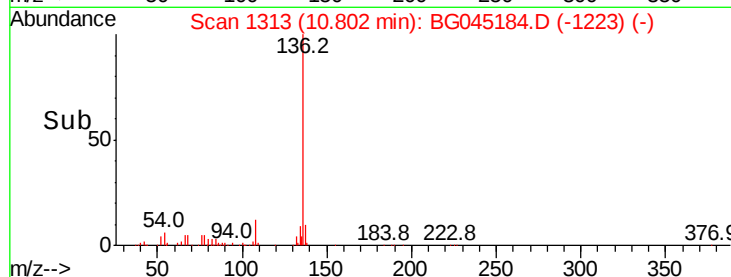
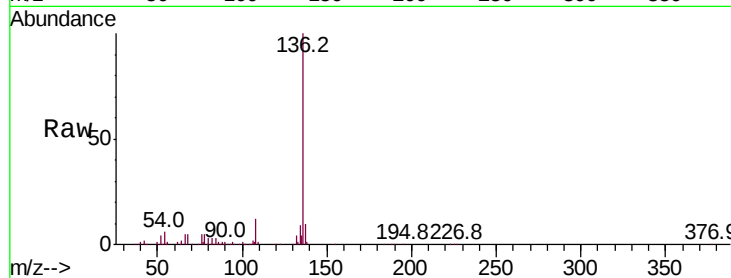
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	236472		
137	10.2		8.6	13.0
54	5.9		4.8	7.2
68	5.1		5.2	7.8

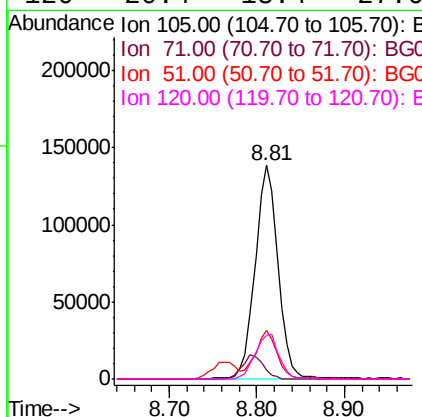
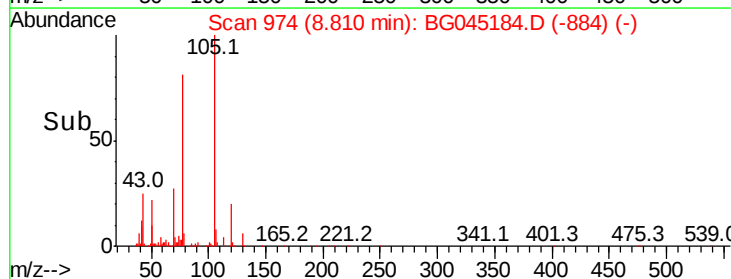
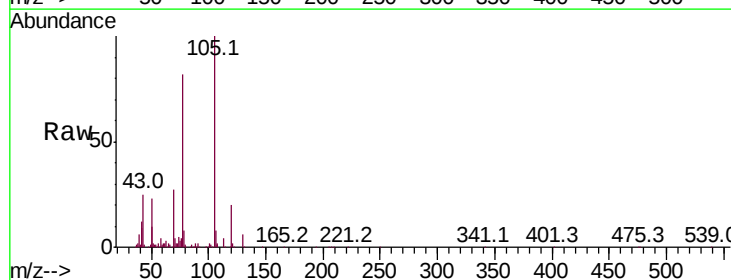
Manual Integrations
APPROVED

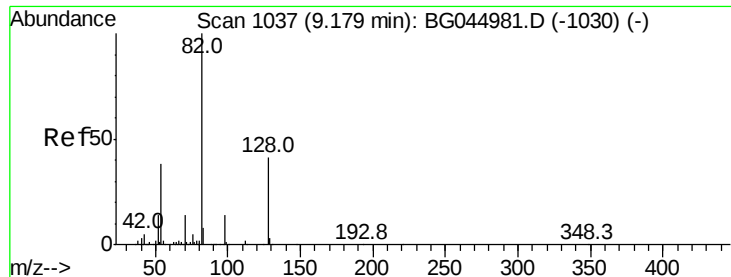
mohammad
4/30/2020 12:04:32 AM



#22
Acetophenone
Concen: 38.758 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	247850		
71	4.4		3.3	4.9
51	22.6		17.3	25.9
120	20.4		18.4	27.6





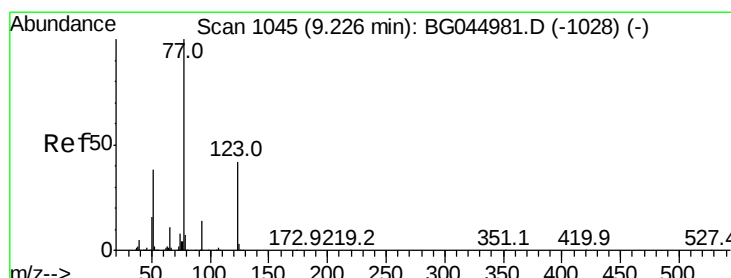
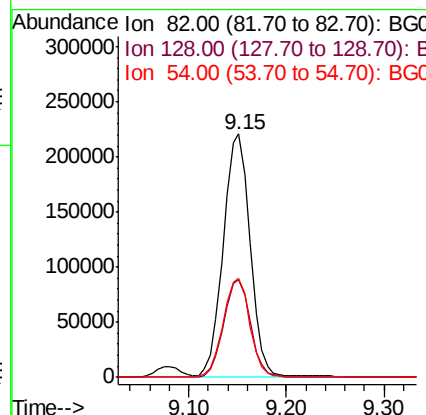
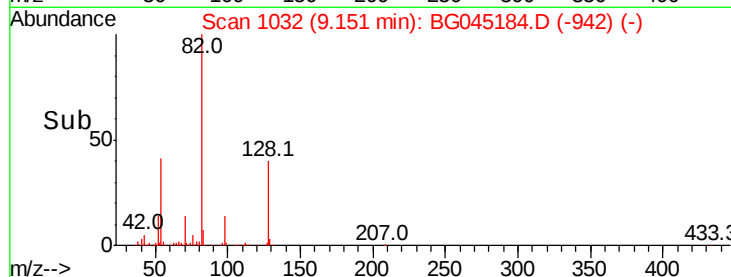
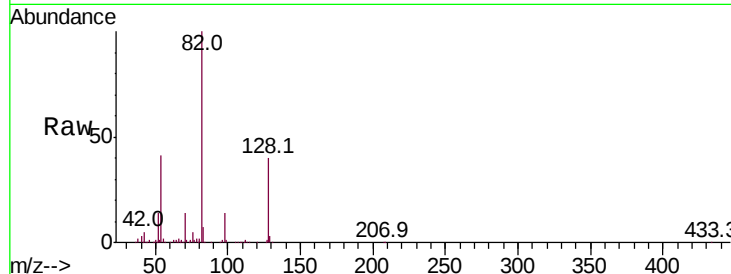
#23
Nitrobenzene-d5
Concen: 81.392 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.0	49.4
54	40.6	30.4	45.6

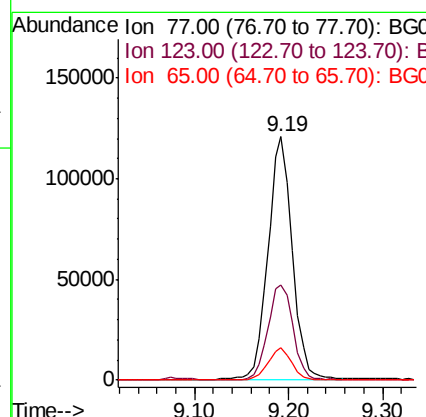
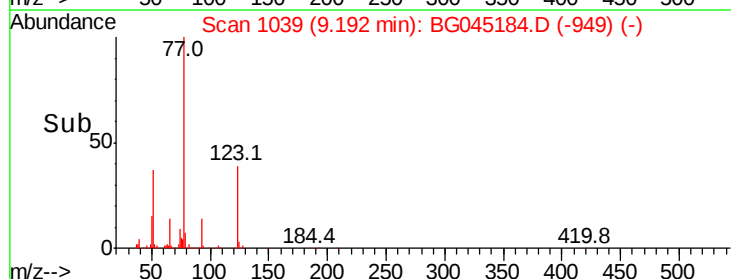
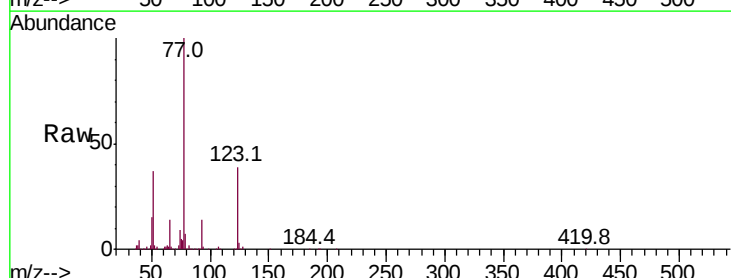
Manual Integrations
APPROVED

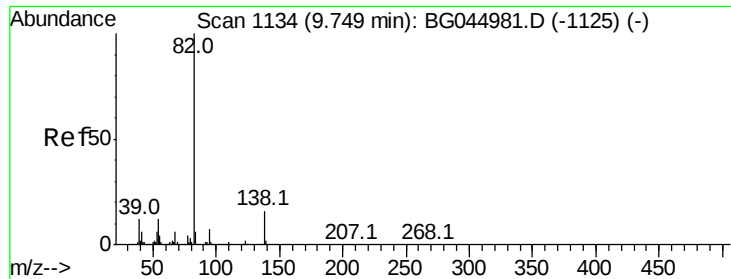
mohammad
4/30/2020 12:04:32 AM



#24
Nitrobenzene
Concen: 40.635 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.1	34.3	51.5
65	13.5	8.9	13.3#





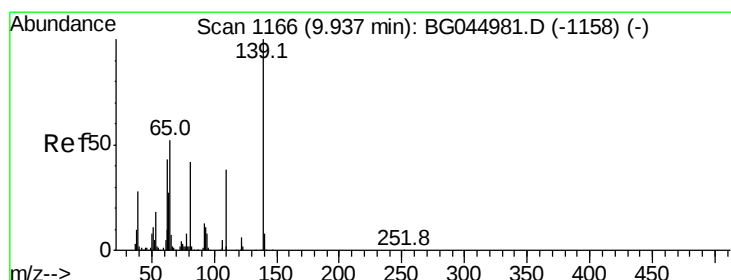
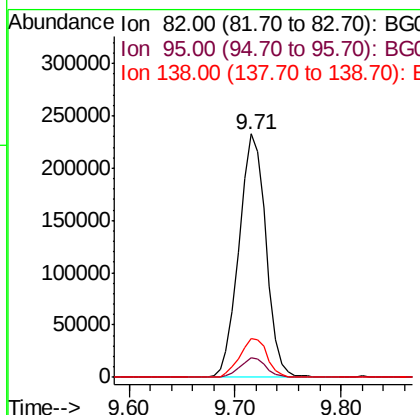
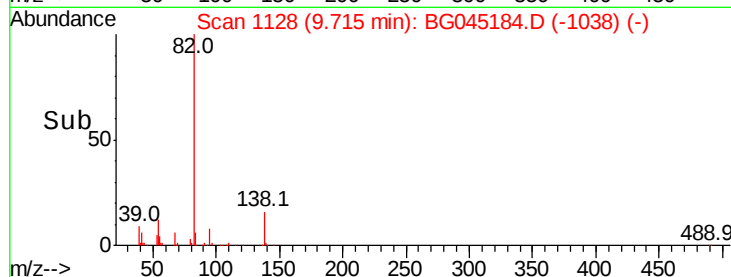
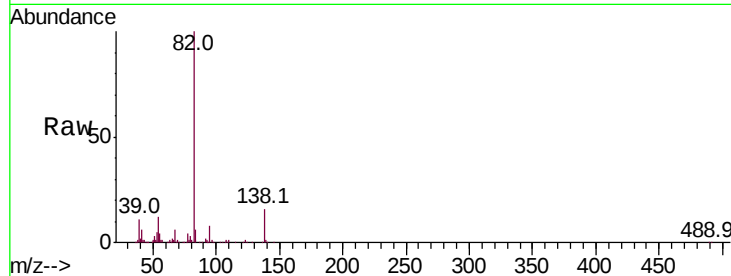
#25
Isophorone
Concen: 38.714 ng
RT: 9.71 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.1	6.0	9.0	
138	15.9	12.7	19.1	

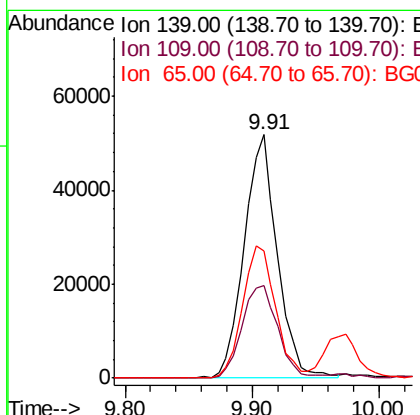
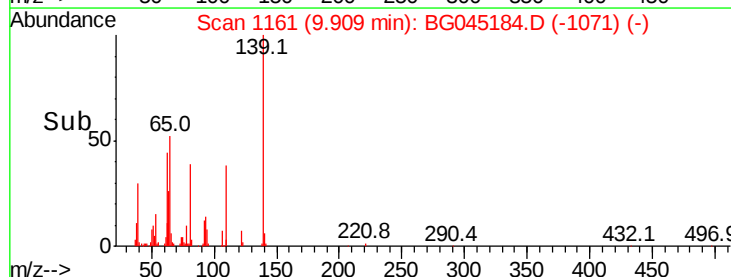
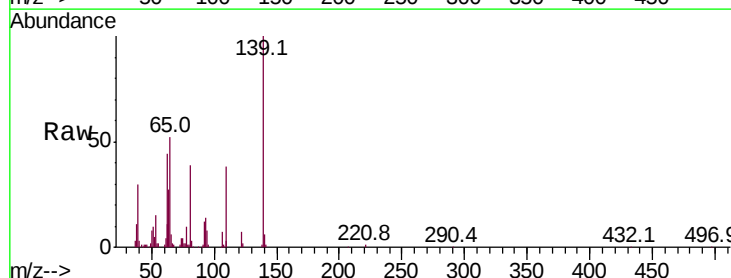
Manual Integrations
APPROVED

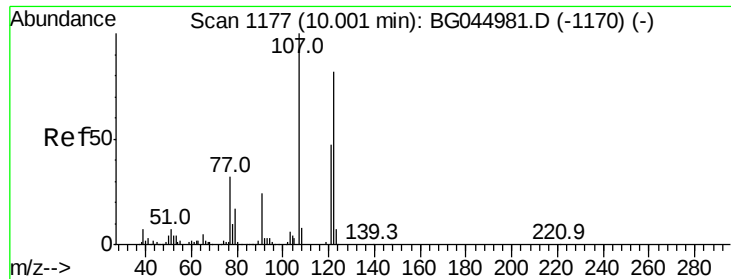
mohammad
4/30/2020 12:04:32 AM



#26
2-Nitrophenol
Concen: 40.980 ng
RT: 9.91 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	37.8	30.6	45.8	
65	52.3	41.8	62.6	





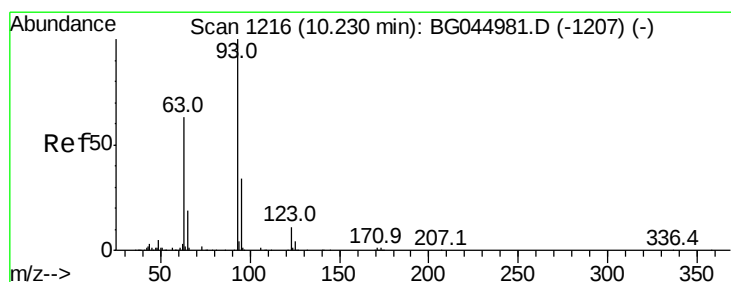
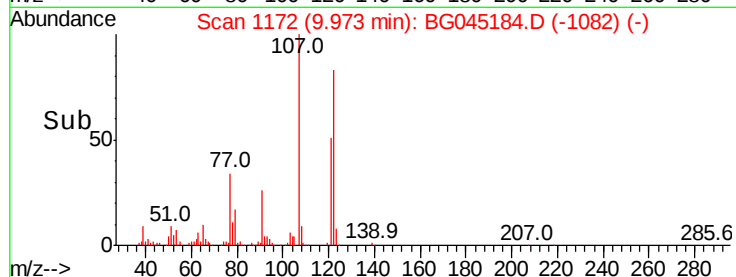
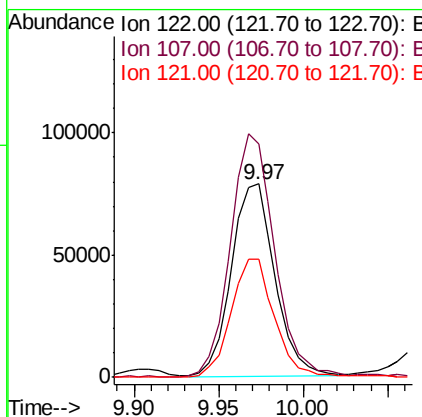
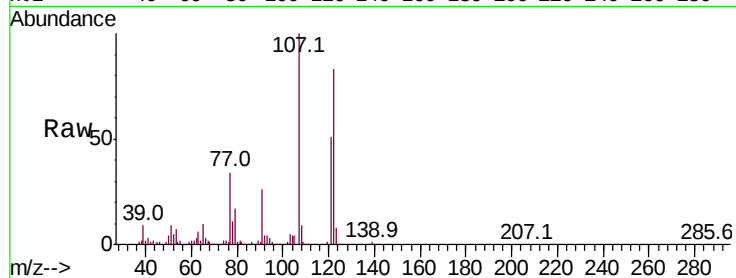
#27
 2,4-Dimethylphenol
 Concen: 38.839 ng
 RT: 9.97 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.9	96.8	145.2
121	61.3	45.6	68.4

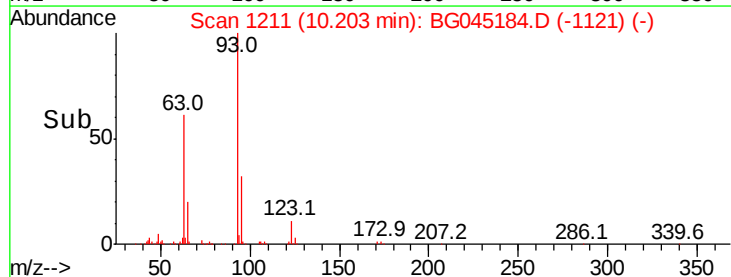
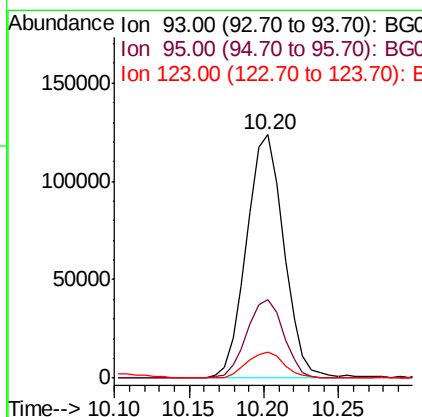
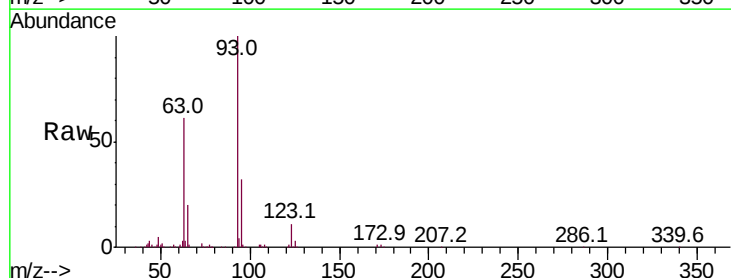
Manual Integrations
 APPROVED

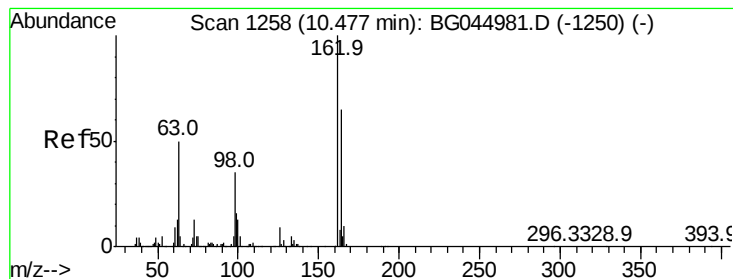
mohammad
 4/30/2020 12:04:32 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.395 ng
 RT: 10.20 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	27.0	40.4
123	10.9	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 39.234 ng

RT: 10.45 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

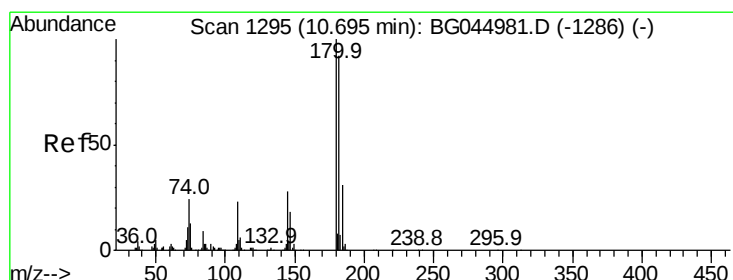
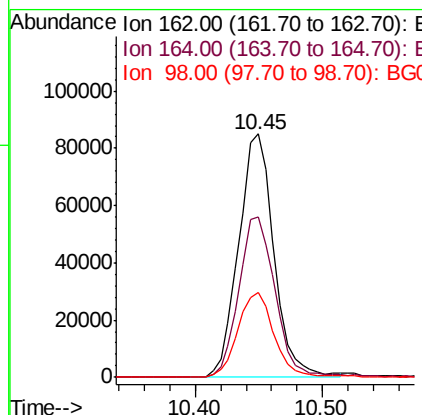
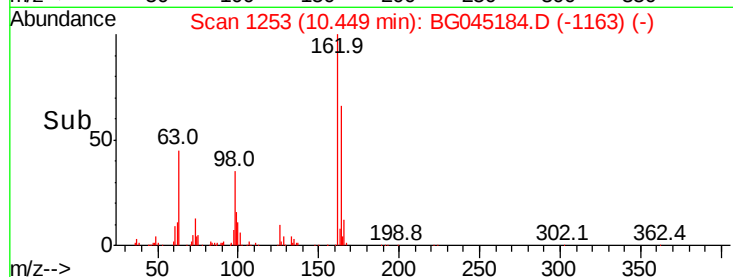
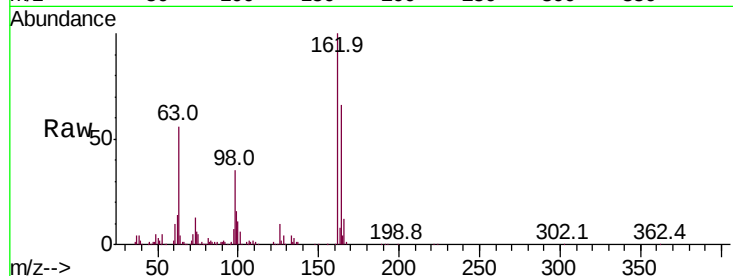
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	164487
Ion Ratio	Lower	Upper	
162	100		
164	66.1	45.0	85.0
98	35.1	15.2	55.2

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:32 AM



#30

1,2,4-Trichlorobenzene

Concen: 41.515 ng

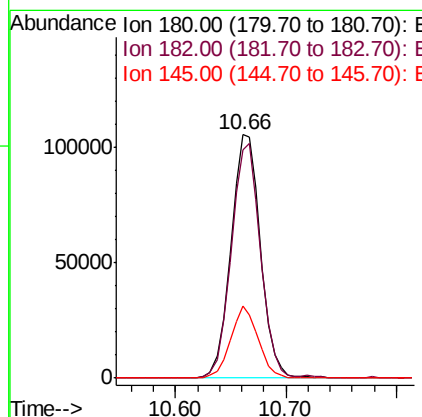
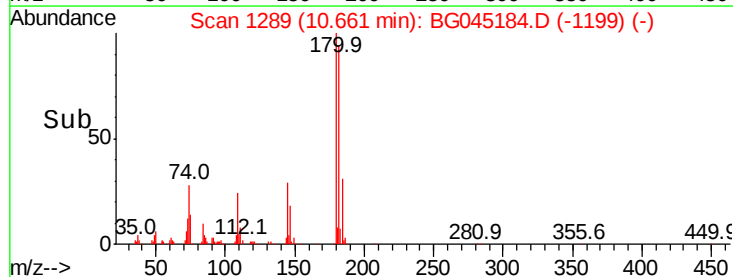
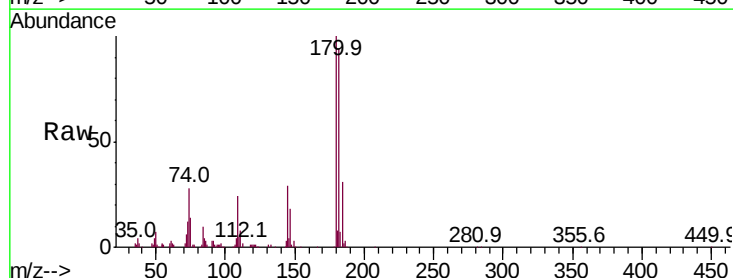
RT: 10.66 min Scan# 1289

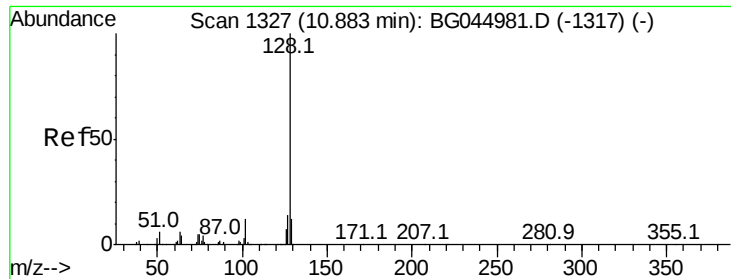
Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Tgt Ion:	180	Resp:	197059
Ion Ratio	Lower	Upper	
180	100		
182	93.9	73.3	109.9
145	29.4	22.6	33.8





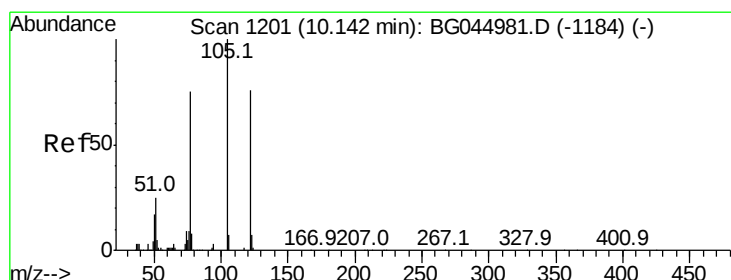
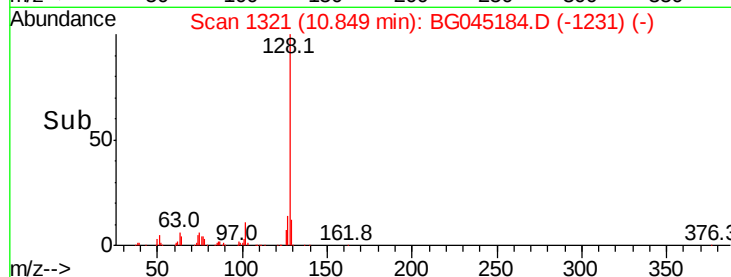
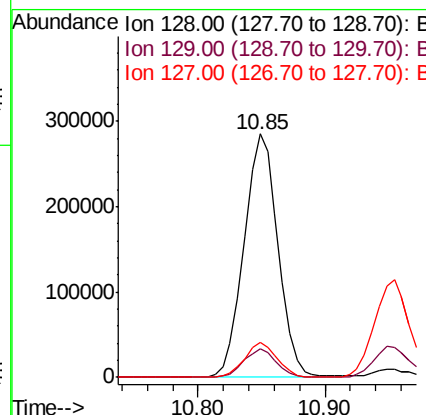
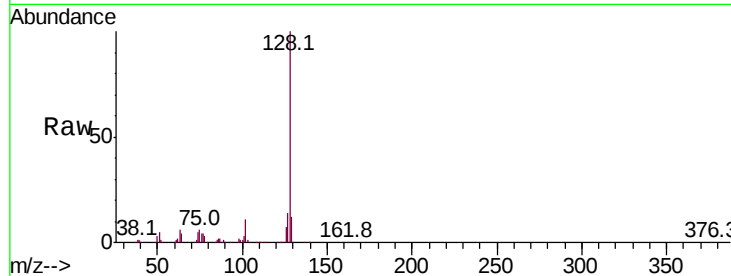
#31
Naphthalene
Concen: 40.814 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	14.4	10.8	16.2

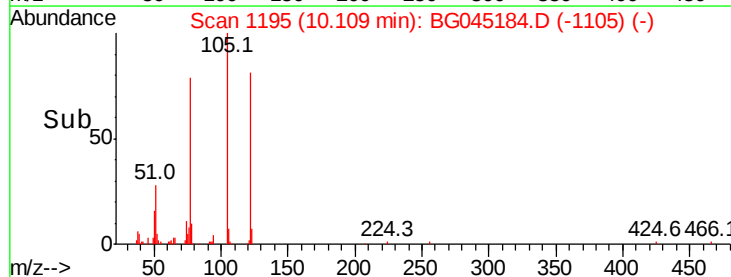
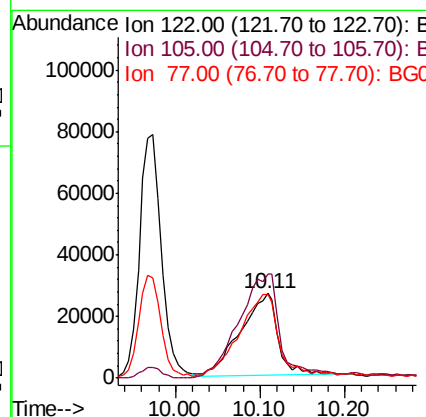
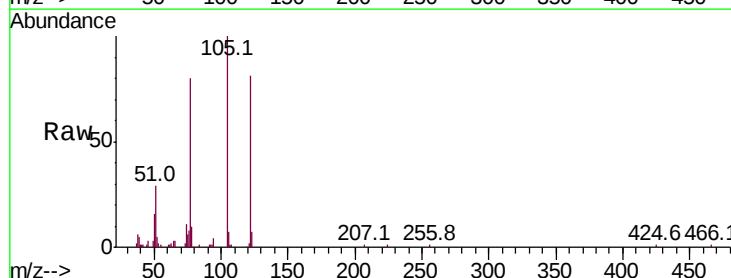
Manual Integrations
APPROVED

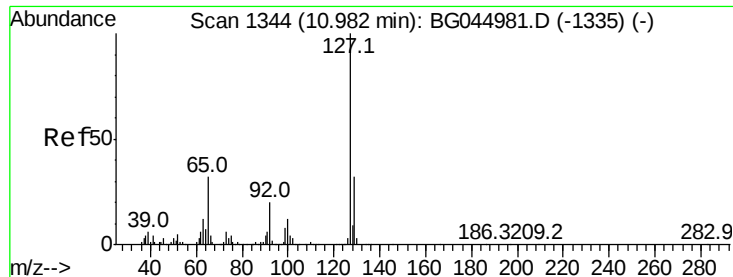
mohammad
4/30/2020 12:04:32 AM



#32
Benzoic acid
Concen: 30.930 ng
RT: 10.11 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.6	108.4	148.4
77	98.4	78.8	118.8





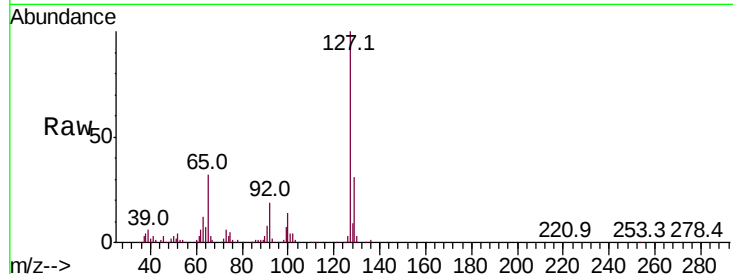
#33
4-Chloroaniline
Concen: 37.048 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	30.6	25.7	38.5
65	32.2	25.4	38.2
92	19.1	16.1	24.1

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:32 AM



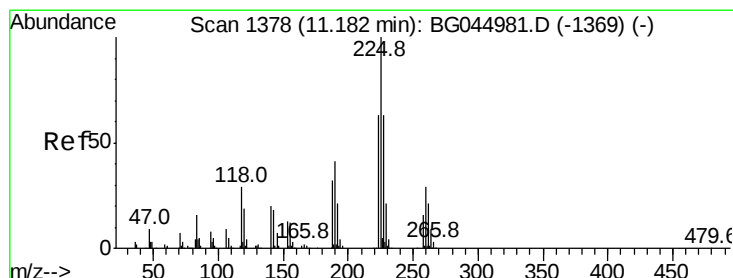
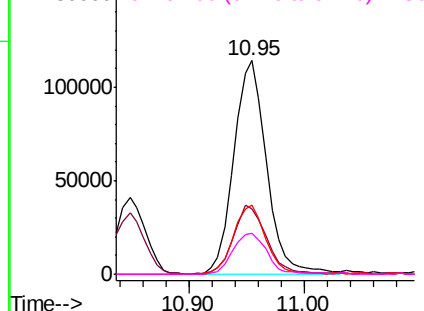
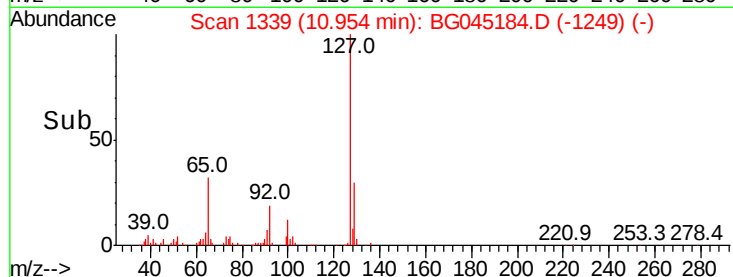
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

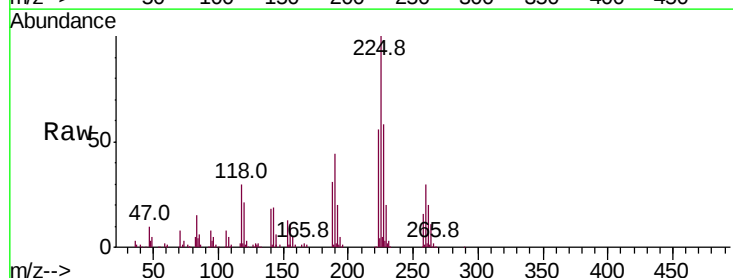
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 44.581 ng
RT: 11.14 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	56.3	50.7	76.1
227	57.8	50.2	75.2

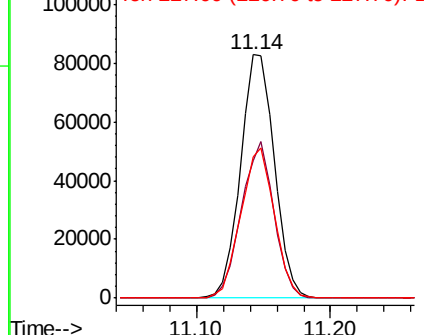
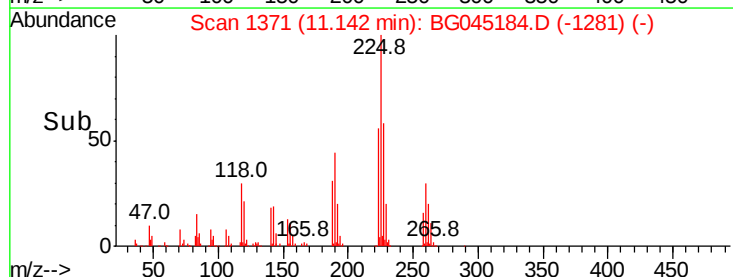


Abundance

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: 35.035 ng

RT: 11.71 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

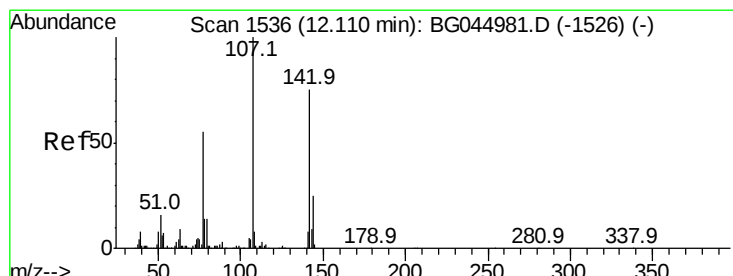
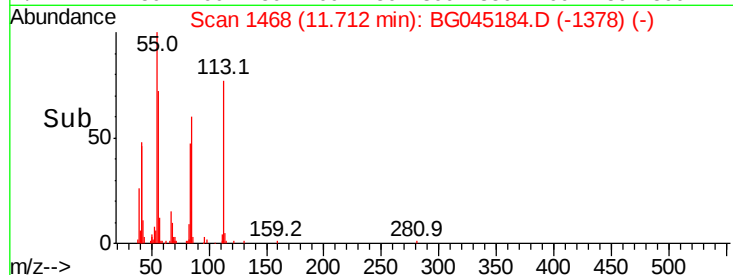
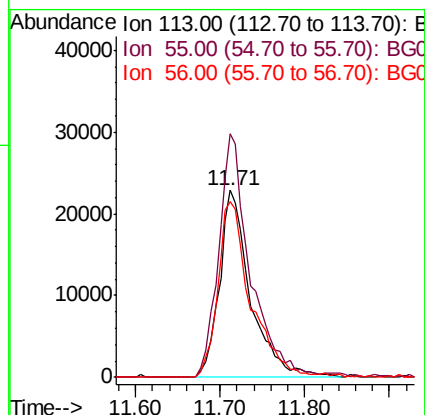
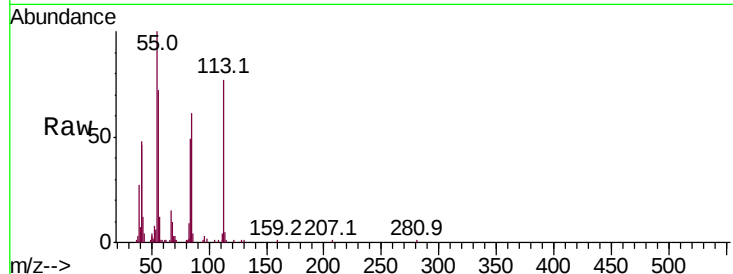
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	58458
Ion Ratio	Lower	Upper	
113	100		
55	130.4	118.8	158.8
56	94.2	82.6	122.6

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:32 AM



#36

4-Chloro-3-methylphenol

Concen: 39.421 ng

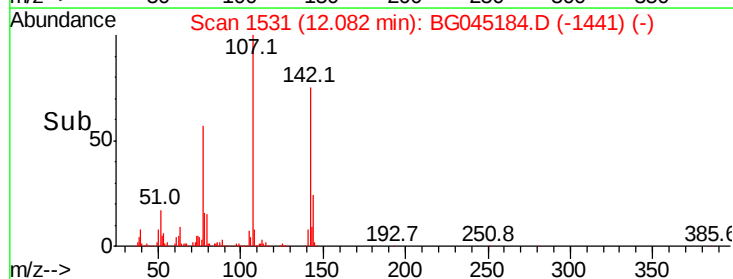
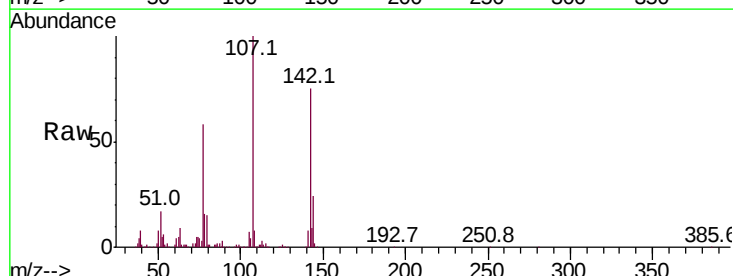
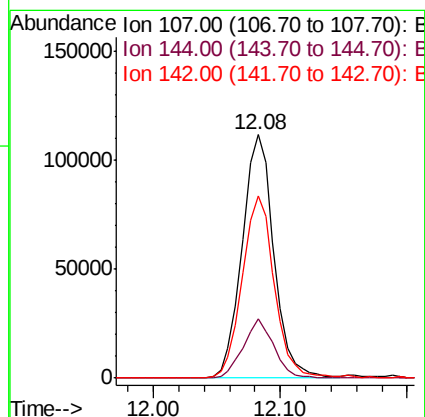
RT: 12.08 min Scan# 1531

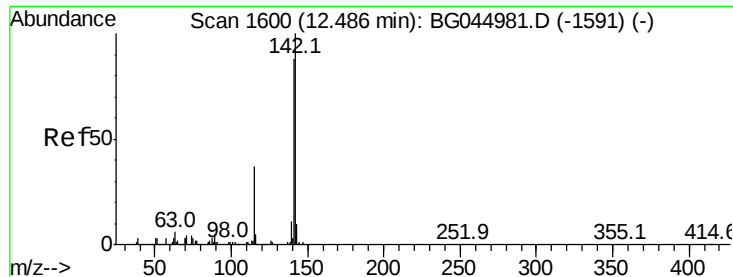
Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Tgt Ion:	107	Resp:	194147
Ion Ratio	Lower	Upper	
107	100		
144	24.4	19.8	29.6
142	74.7	59.7	89.5





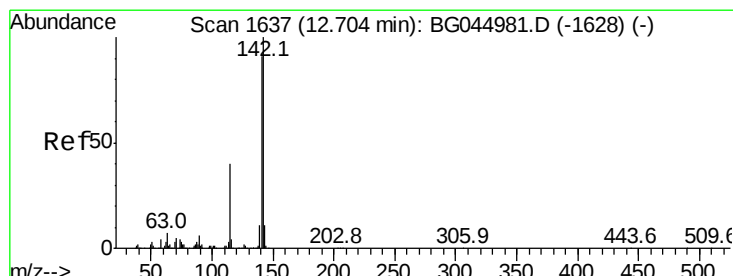
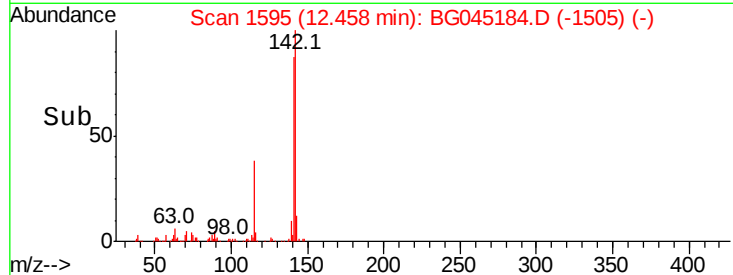
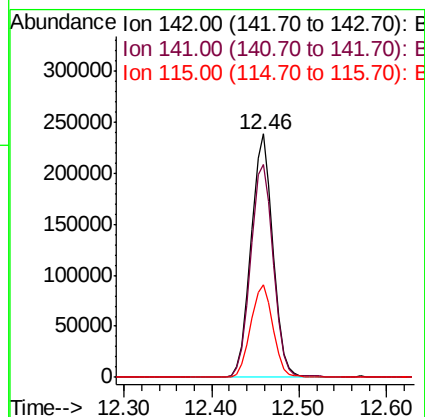
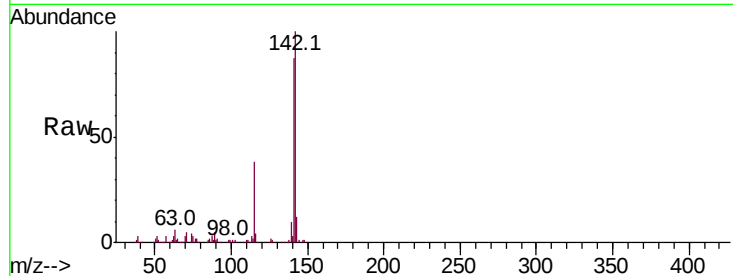
#37
2-Methylnaphthalene
Concen: 39.950 ng
RT: 12.46 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.3	105.5
115	38.0	29.8	44.6

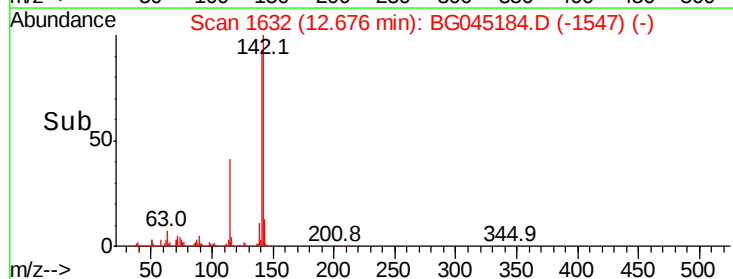
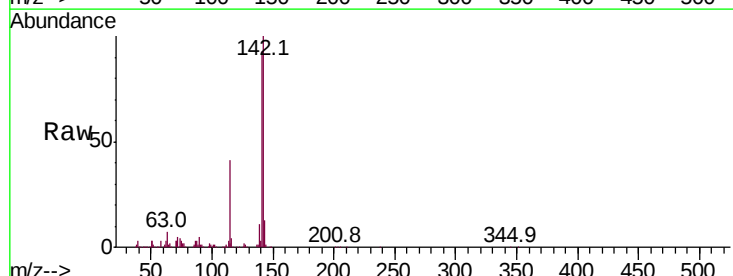
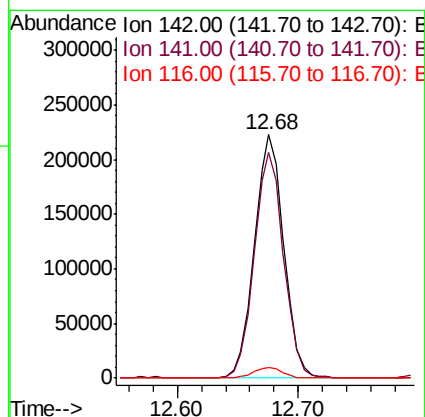
Manual Integrations
APPROVED

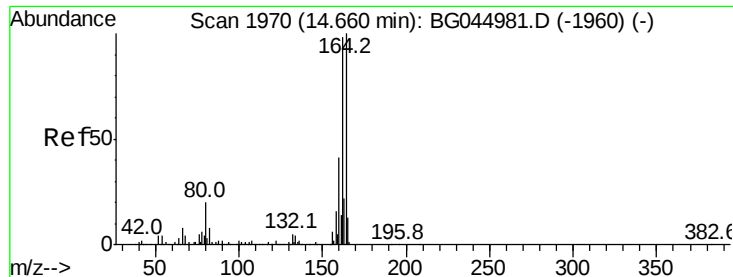
mohammad
4/30/2020 12:04:32 AM



#38
1-Methylnaphthalene
Concen: 39.648 ng
RT: 12.68 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	72.7	109.1
116	4.3	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

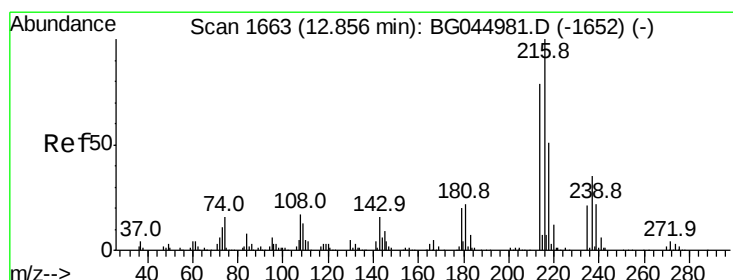
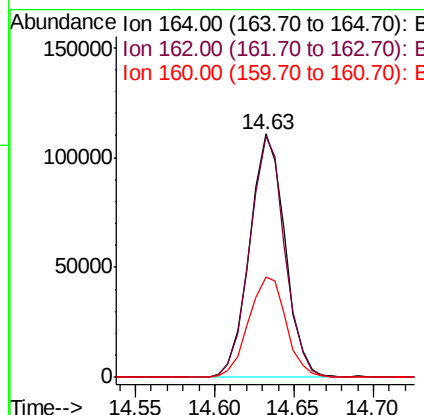
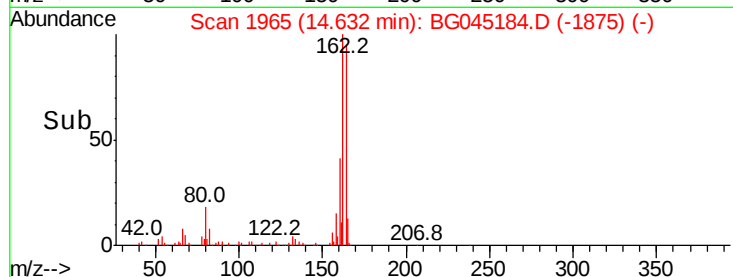
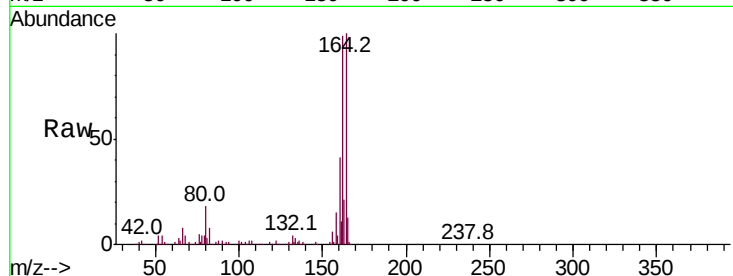
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	171323
Ion Ratio	Lower	Upper	
164	100		
162	99.0	78.7	118.1
160	41.0	32.8	49.2

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:32 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.954 ng

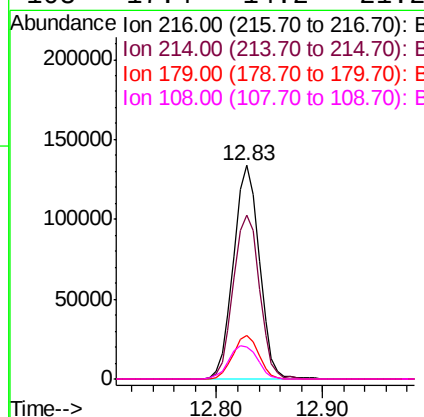
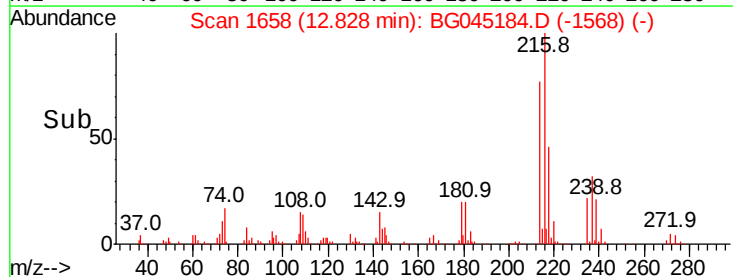
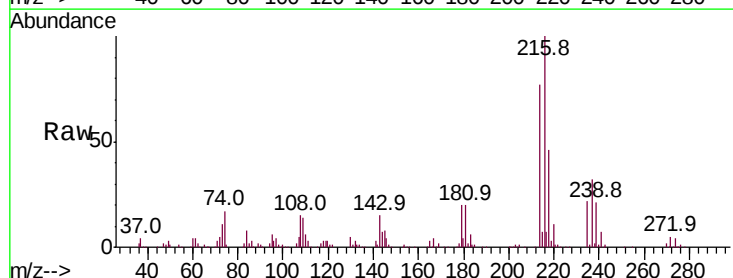
RT: 12.83 min Scan# 1658

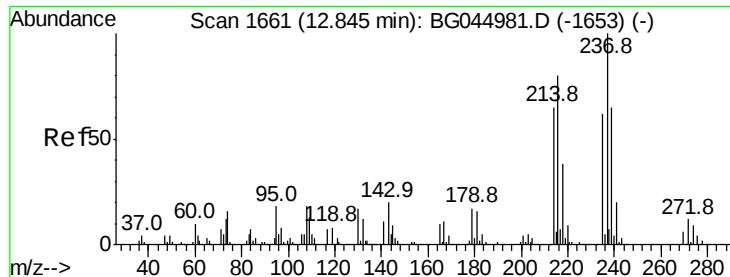
Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Tgt Ion:	216	Resp:	225911
Ion Ratio	Lower	Upper	
216	100		
214	77.8	63.0	94.6
179	20.3	15.8	23.8
108	17.4	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 55.663 ng

RT: 12.81 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

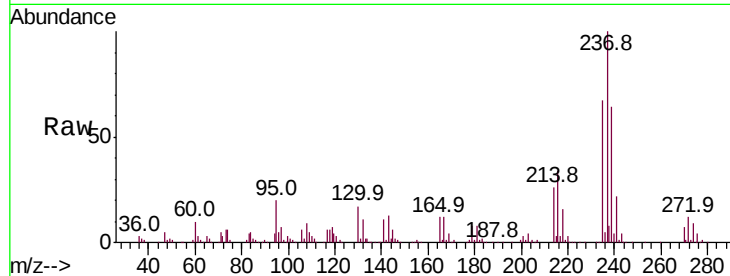
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	191907
Ion Ratio	Lower	Upper	
237	100		
235	67.1	41.6	81.6
272	12.0	0.0	32.1

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:32 AM

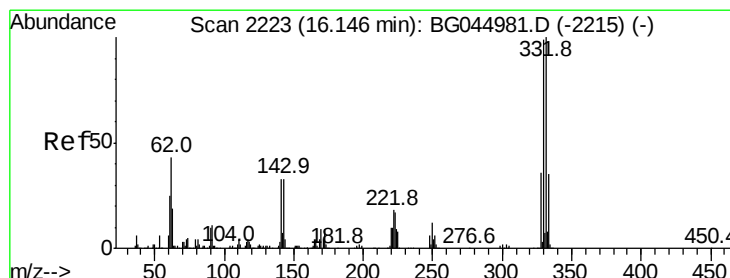
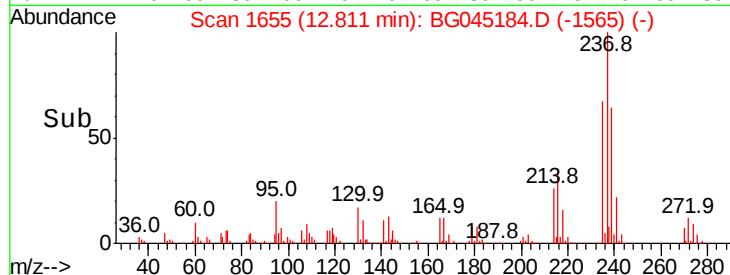
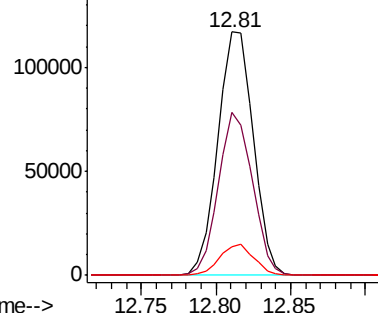


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 81.515 ng

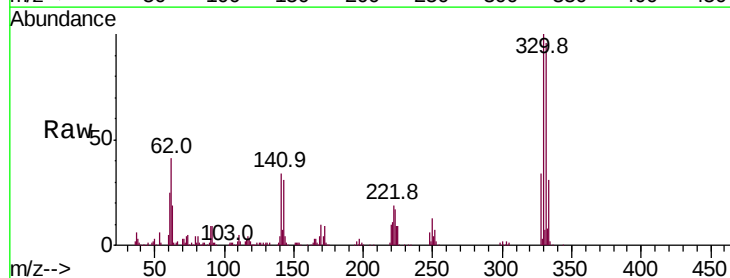
RT: 16.12 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Tgt Ion:	330	Resp:	215746
Ion Ratio	Lower	Upper	
330	100		
332	97.1	79.1	118.7
141	35.7	27.1	40.7

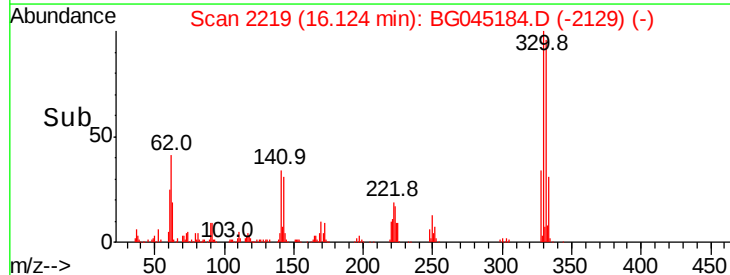
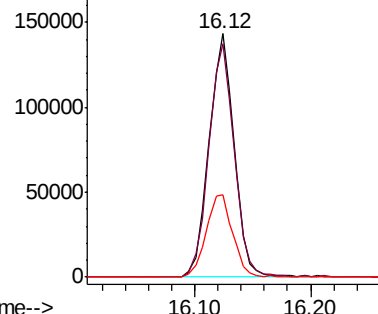


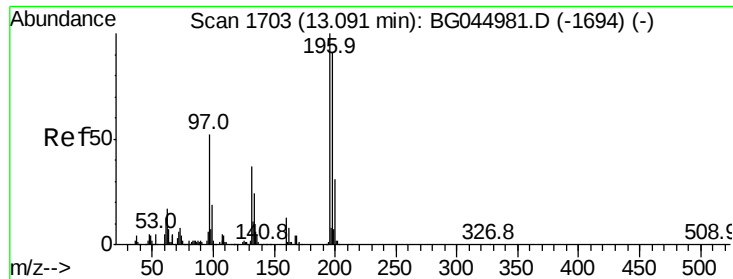
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





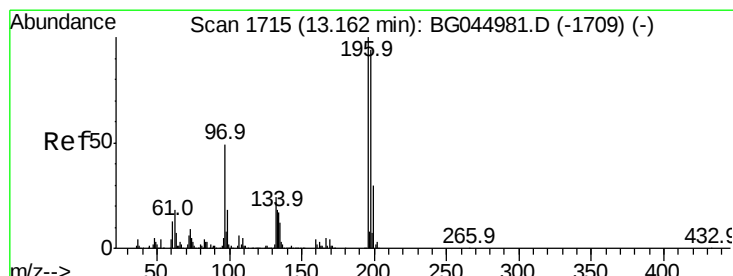
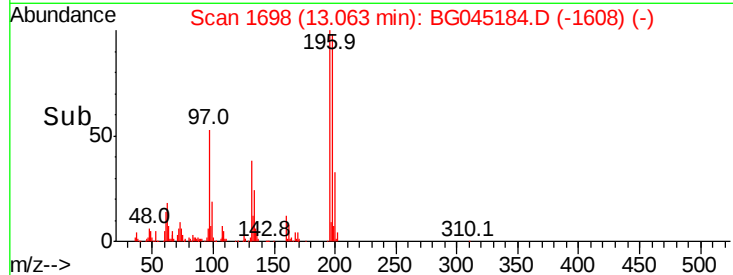
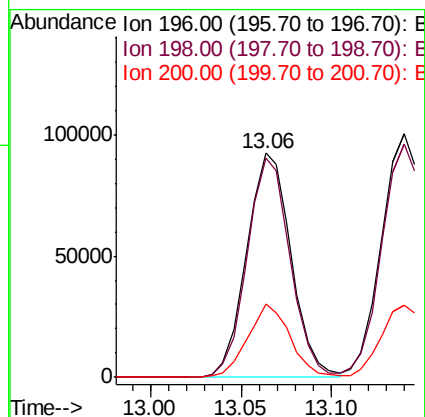
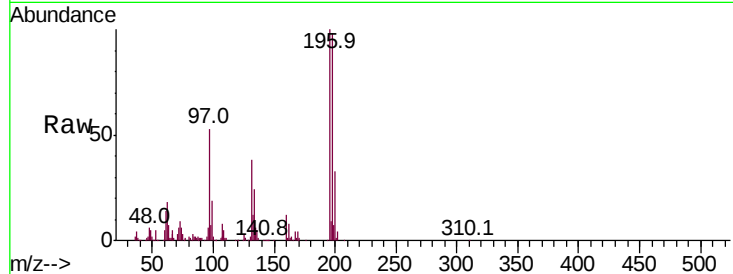
#43
2,4,6-Trichlorophenol
Concen: 40.674 ng
RT: 13.06 min Scan# 1698
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	158348		
198	97.9	72.5	108.7	
200	32.5	24.5	36.7	

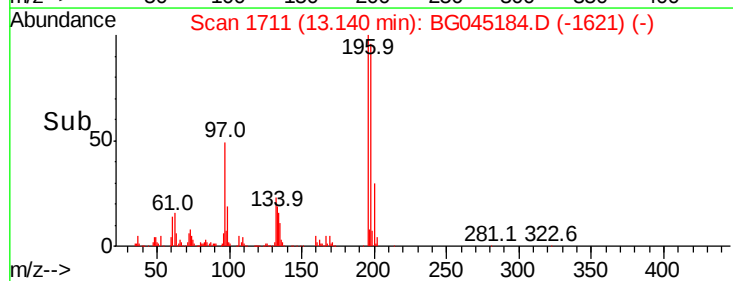
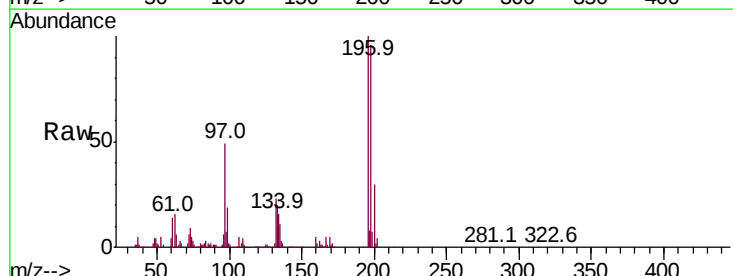
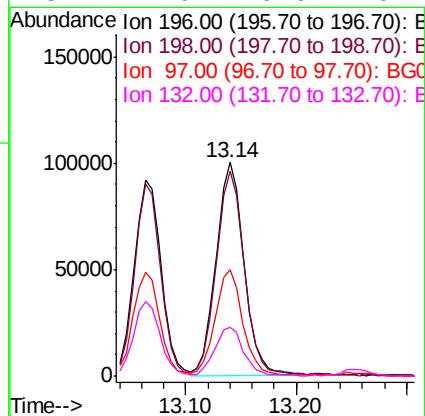
Manual Integrations
APPROVED

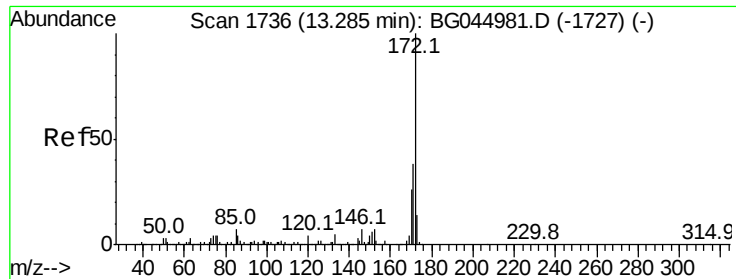
mohammad
4/30/2020 12:04:32 AM



#44
2,4,5-Trichlorophenol
Concen: 39.724 ng
RT: 13.14 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	176031		
198	95.7	75.7	113.5	
97	49.5	39.6	59.4	
132	22.6	19.6	29.4	





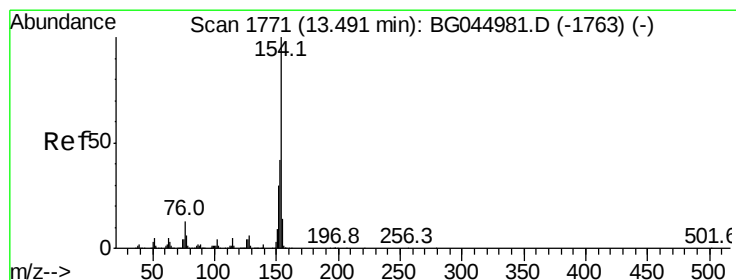
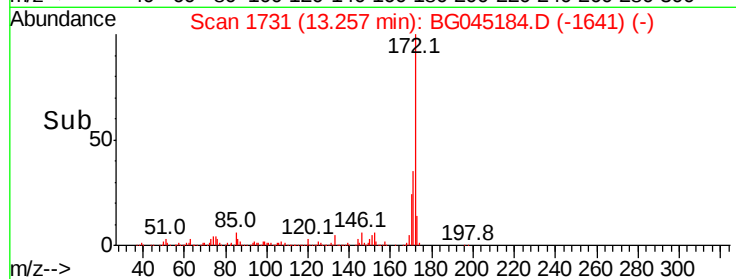
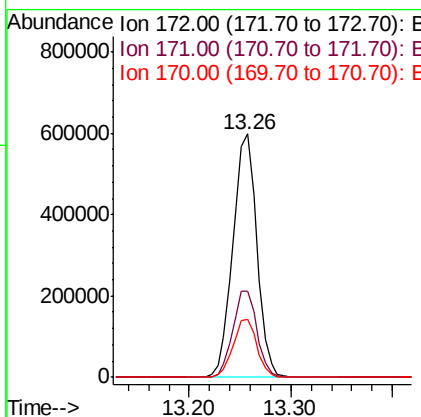
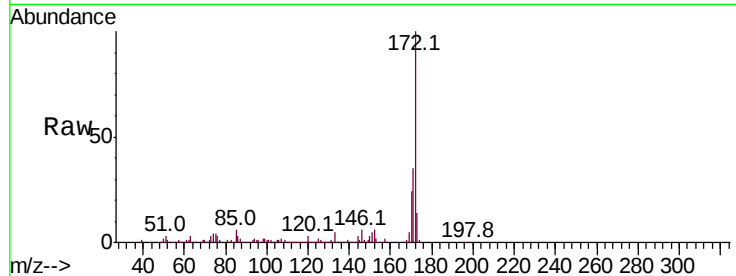
#45
2-Fluorobiphenyl
Concen: 84.111 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.6	46.0
170	23.9	20.5	30.7

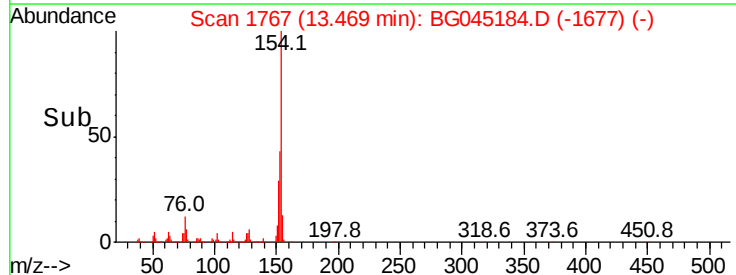
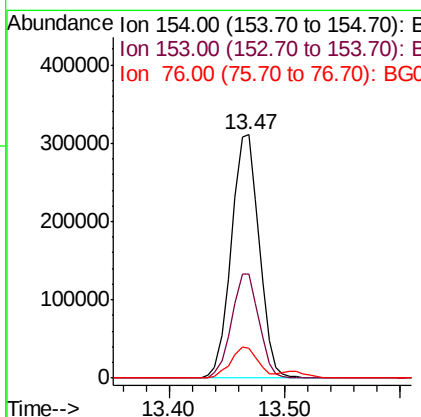
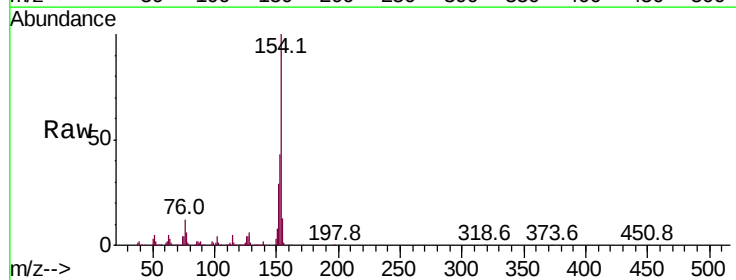
Manual Integrations
APPROVED

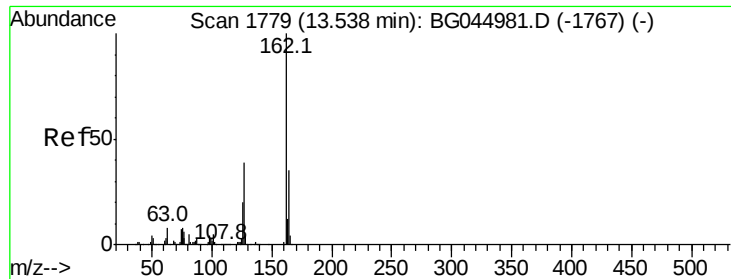
mohammad
4/30/2020 12:04:32 AM



#46
1,1'-Biphenyl
Concen: 39.896 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	21.9	61.9
76	12.1	0.0	33.1





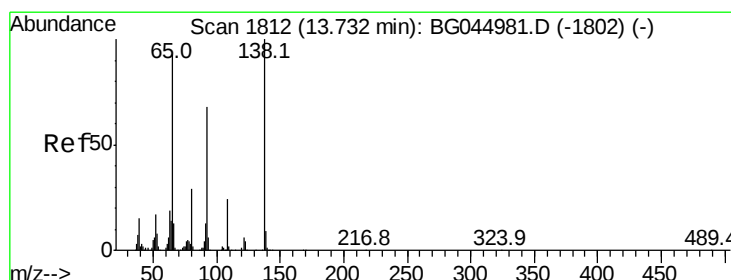
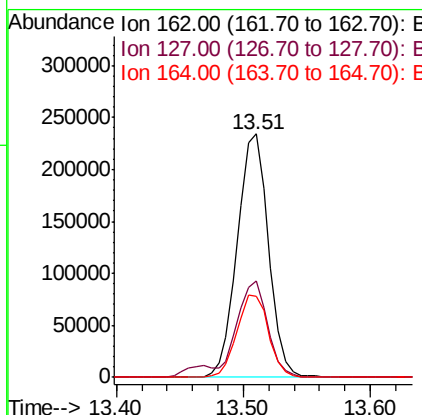
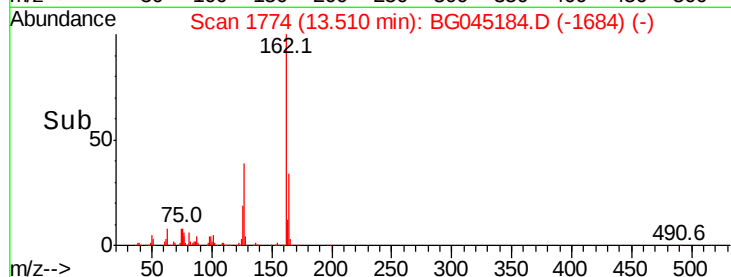
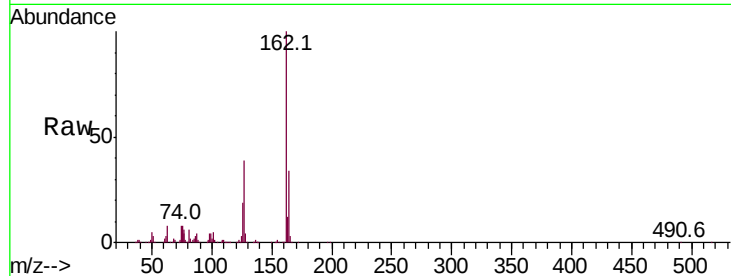
#47
2-Chloronaphthalene
Concen: 40.191 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.3	46.9
164	33.5	27.8	41.8

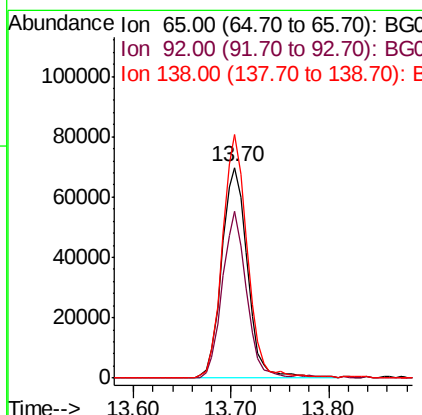
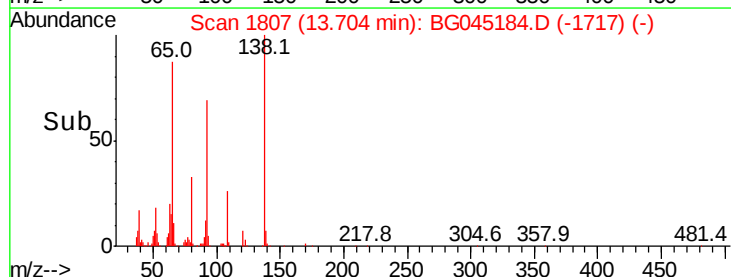
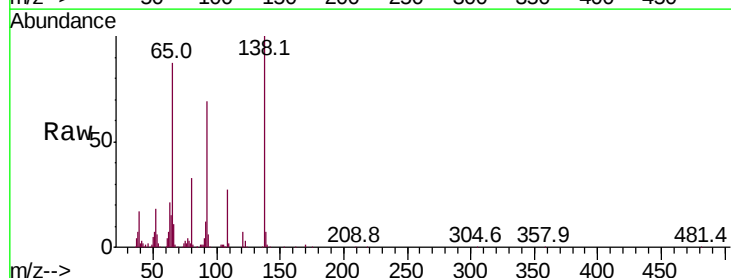
Manual Integrations
APPROVED

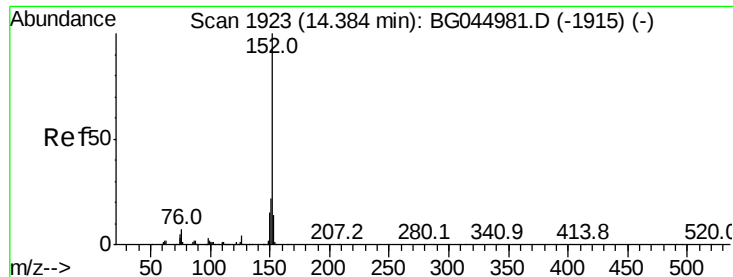
mohammad
4/30/2020 12:04:32 AM



#48
2-Nitroaniline
Concen: 39.123 ng
RT: 13.70 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	79.4	58.3	87.5
138	115.6	85.6	128.4





#49

Acenaphthylene

Concen: 39.812 ng

RT: 14.36 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

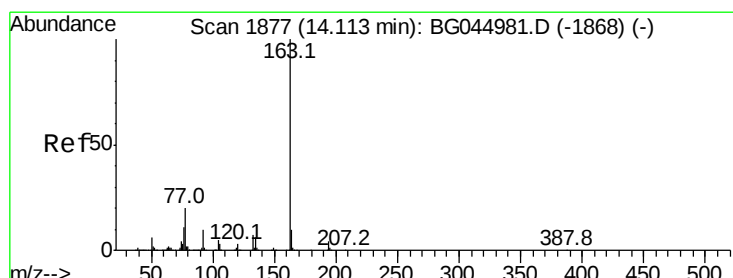
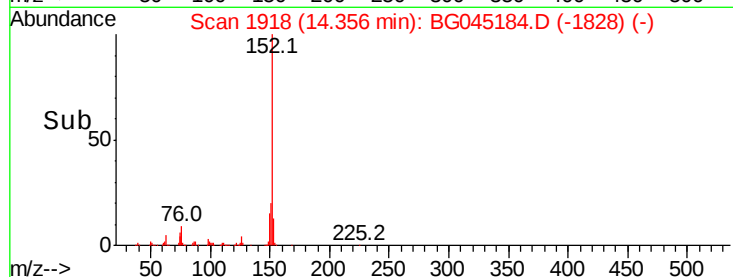
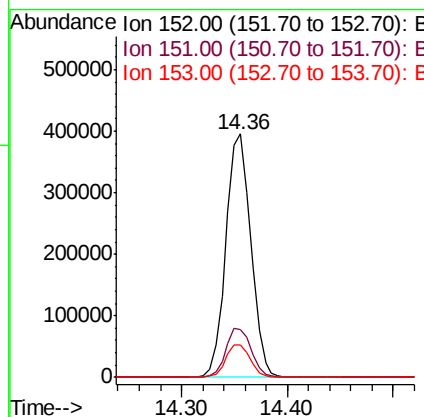
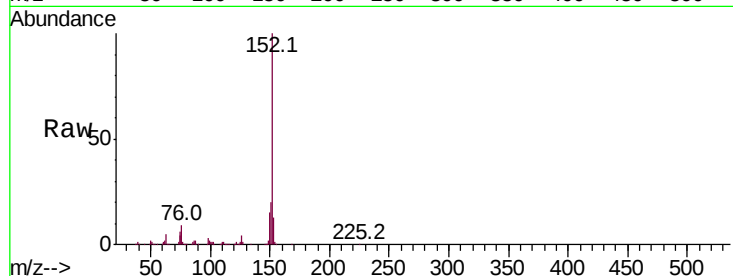
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	645232
Ion Ratio	Lower	Upper	
152	100		
151	19.6	17.2	25.8
153	13.3	11.0	16.4

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:32 AM



#50

Dimethylphthalate

Concen: 39.721 ng

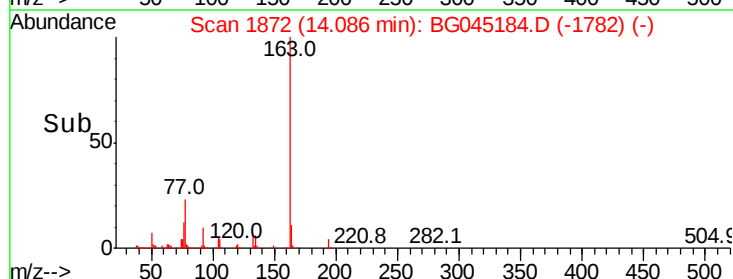
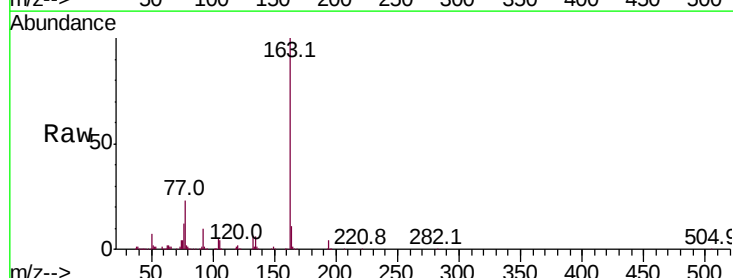
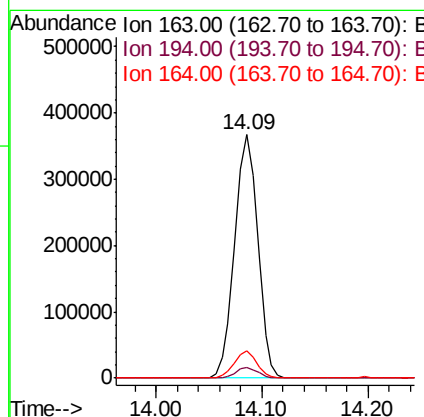
RT: 14.09 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Tgt Ion:	163	Resp:	554104
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	11.0	8.2	12.4





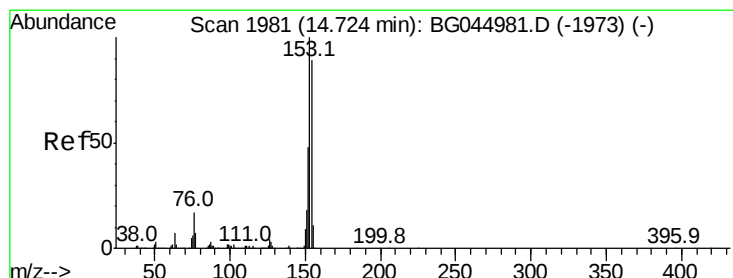
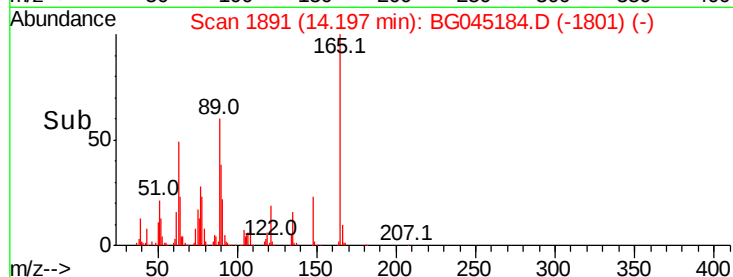
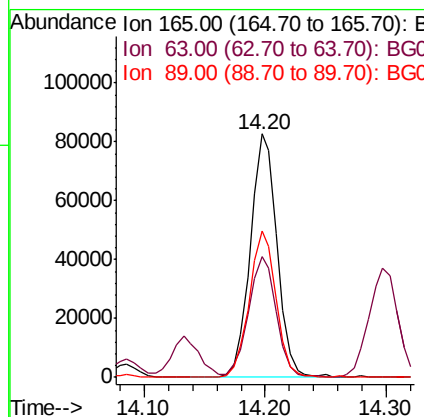
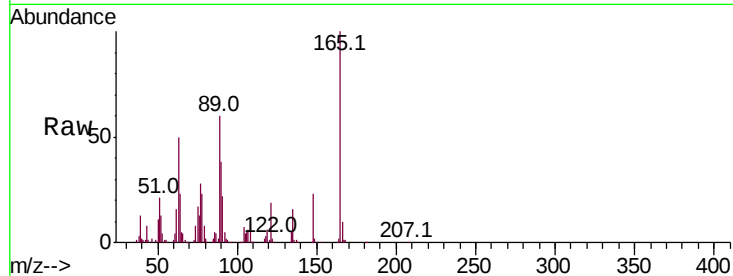
#51
2,6-Dinitrotoluene
Concen: 40.772 ng
RT: 14.20 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	127217		
63	49.5	40.4	60.6	
89	60.0	49.1	73.7	

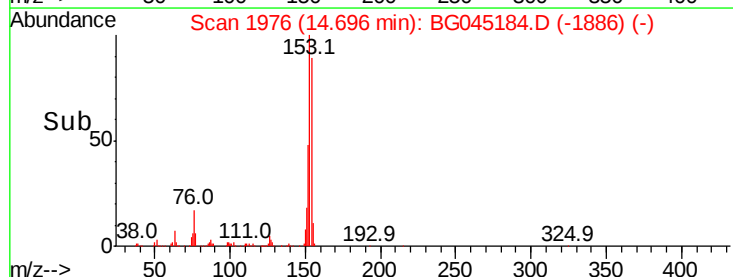
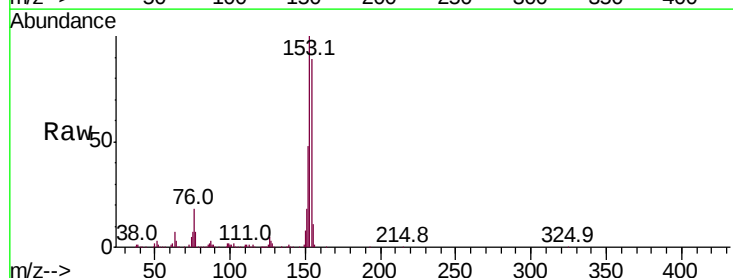
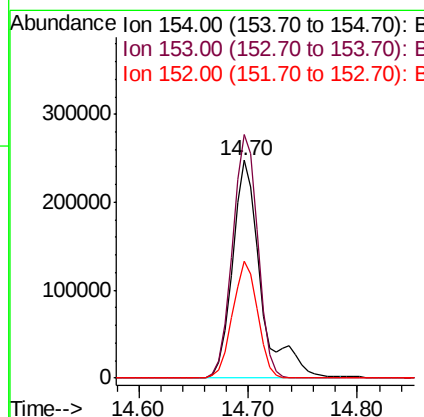
Manual Integrations
APPROVED

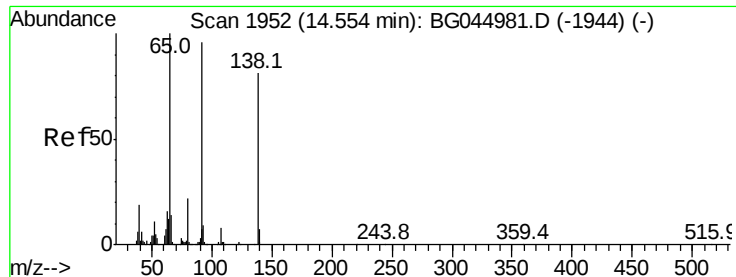
mohammad
4/30/2020 12:04:32 AM



#52
Acenaphthene
Concen: 41.050 ng m
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	450138		
153	111.8	89.7	134.5	
152	53.6	43.1	64.7	





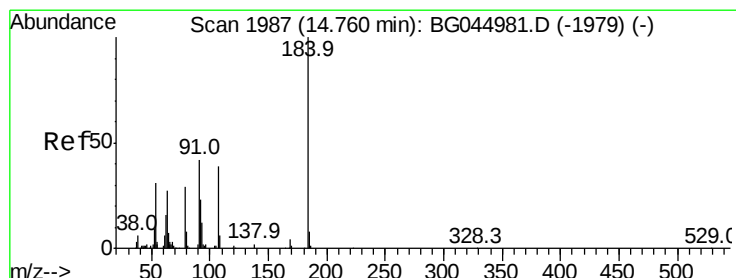
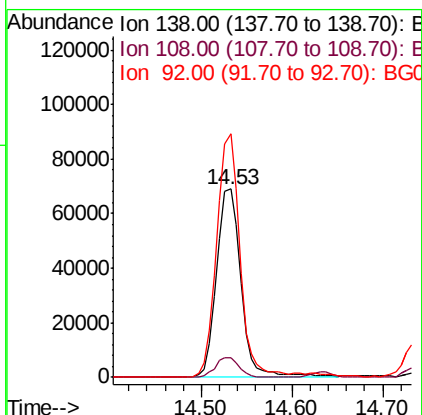
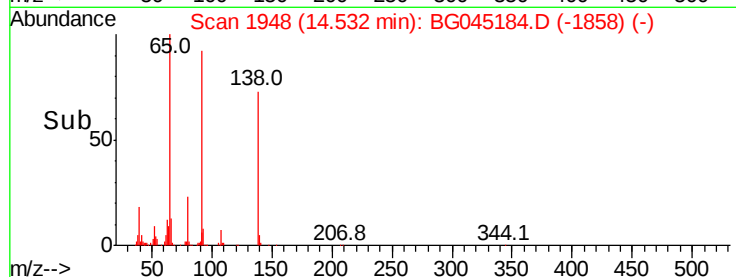
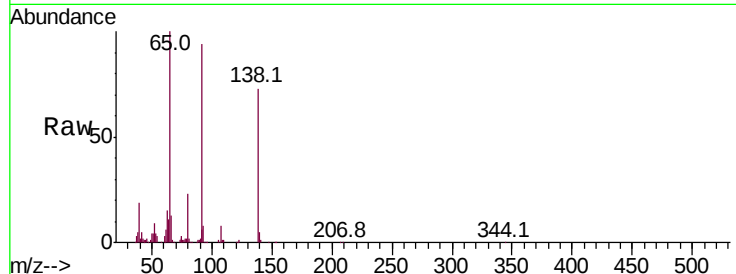
#53
3-Nitroaniline
Concen: 37.912 ng
RT: 14.53 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	7.8	11.8
92	129.2	94.5	141.7

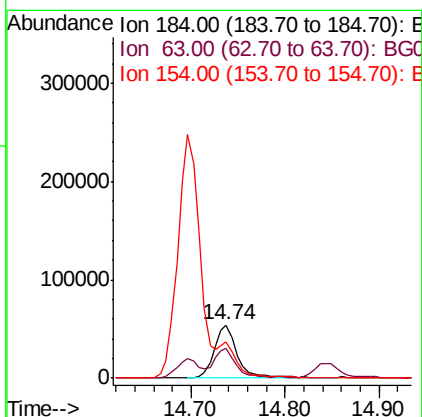
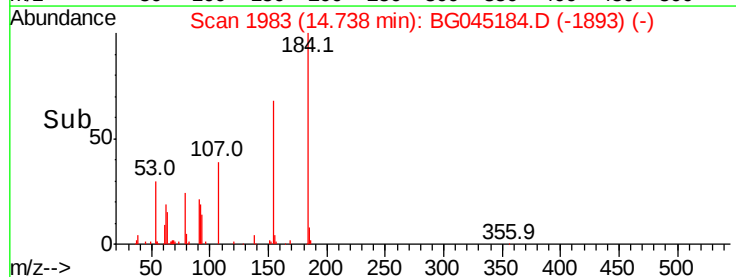
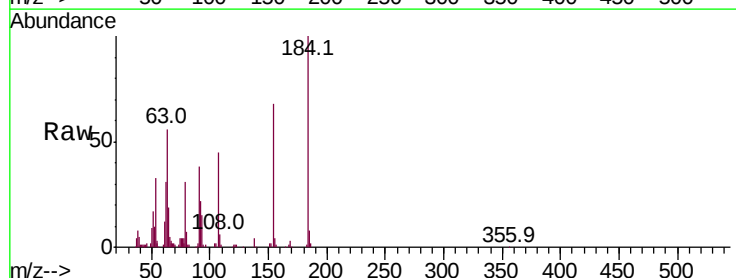
Manual Integrations
APPROVED

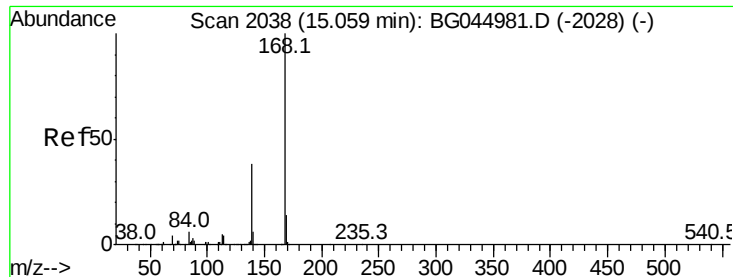
mohammad
4/30/2020 12:04:32 AM



#54
2,4-Dinitrophenol
Concen: 50.724 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.3	41.5	62.3
154	68.5	52.3	78.5





#55

Dibenzenofuran

Concen: 40.316 ng

RT: 15.03 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

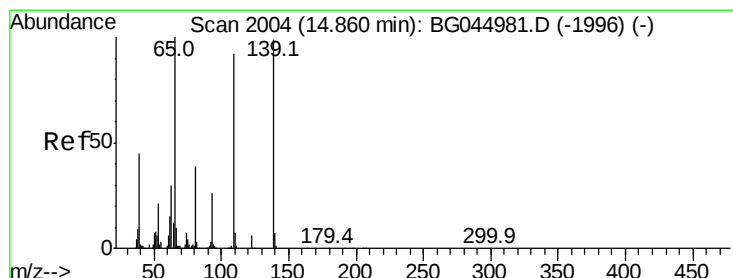
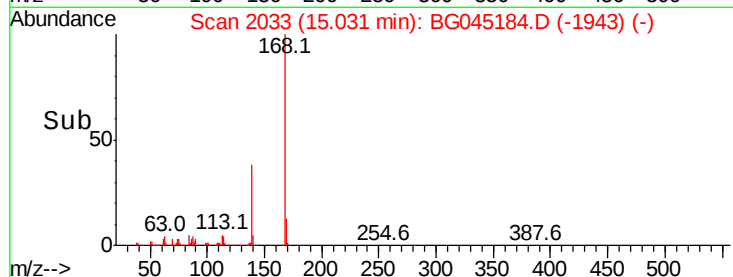
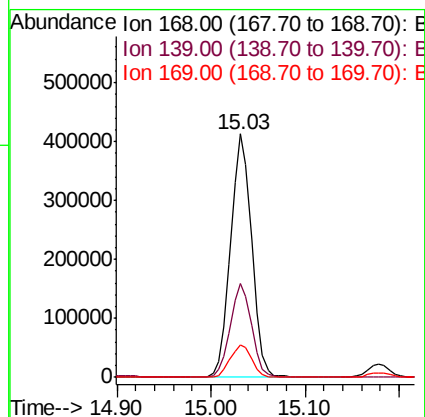
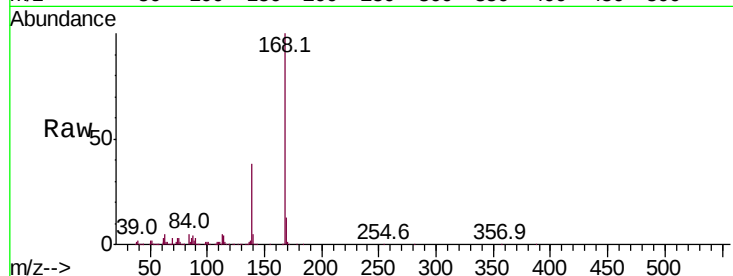
ClientSampled :

SSTDCCC040

Tot Ion:	168	Resp:	644538
Ion Ratio	Lower	Upper	
168	100		
139	38.4	30.4	45.6
169	13.3	11.0	16.4

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:32 AM



#56

4-Nitrophenol

Concen: 40.175 ng

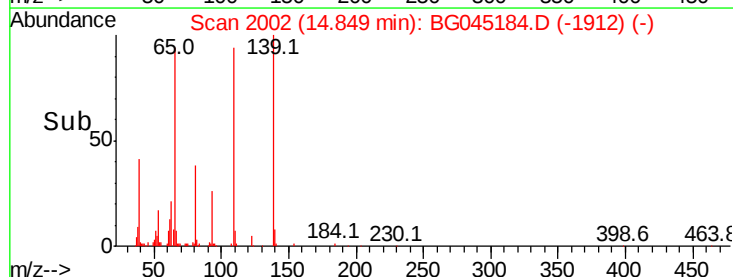
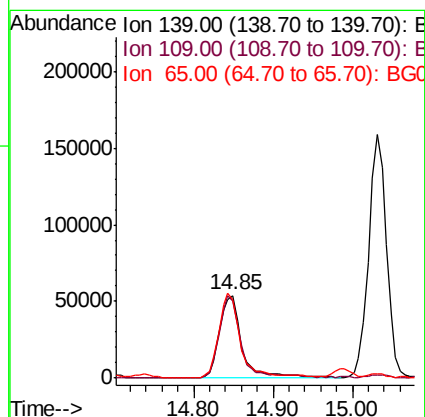
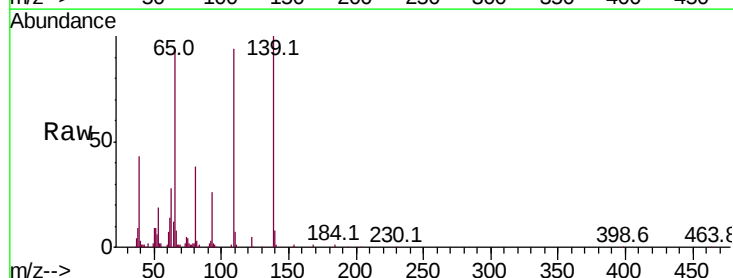
RT: 14.85 min Scan# 2002

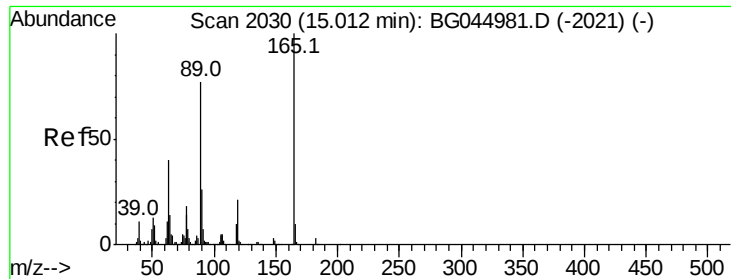
Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Tgt Ion:	139	Resp:	106600
Ion Ratio	Lower	Upper	
139	100		
109	93.8	73.6	113.6
65	94.3	81.2	121.2





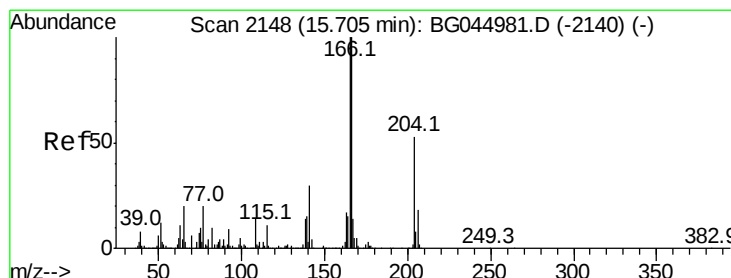
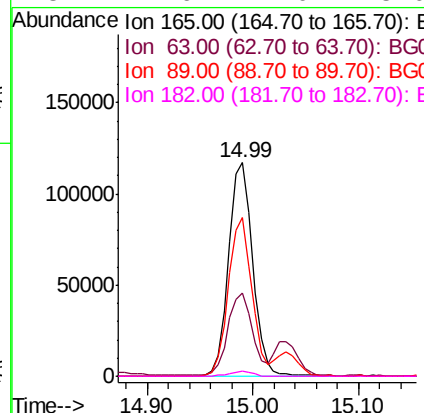
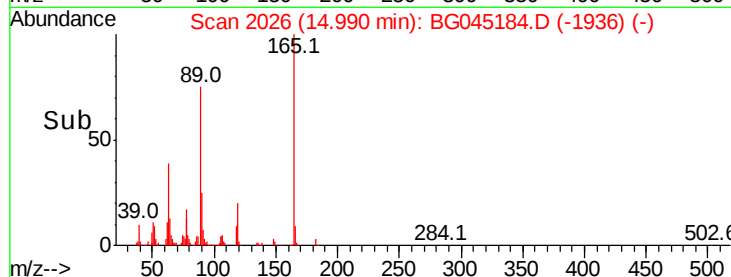
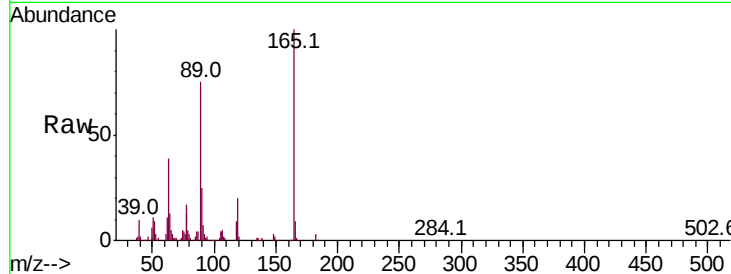
#57
2,4-Dinitrotoluene
Concen: 40.592 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	38.9	32.2	48.2
89	74.6	61.7	92.5
182	2.6	2.0	3.0

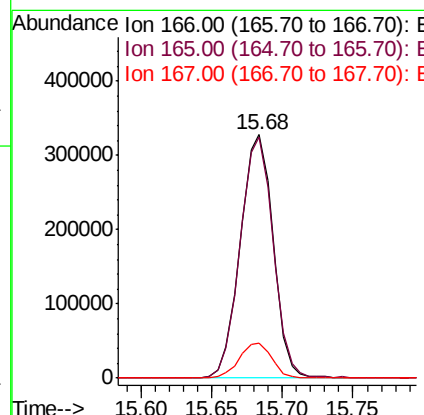
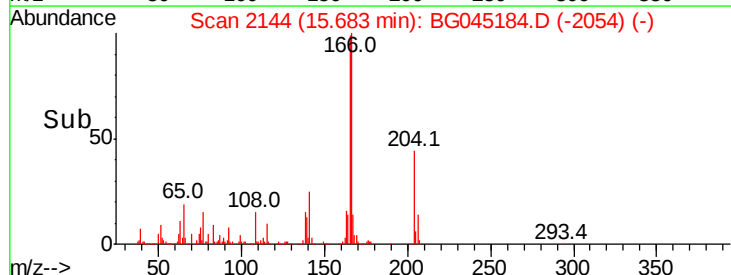
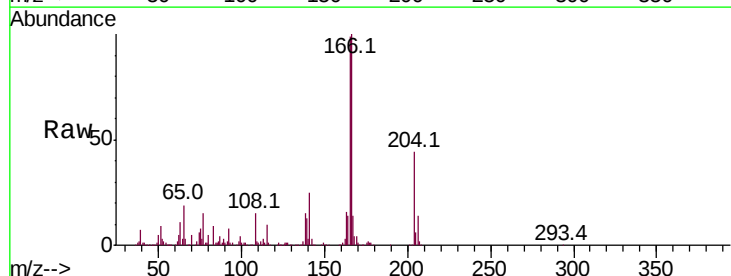
Manual Integrations
APPROVED

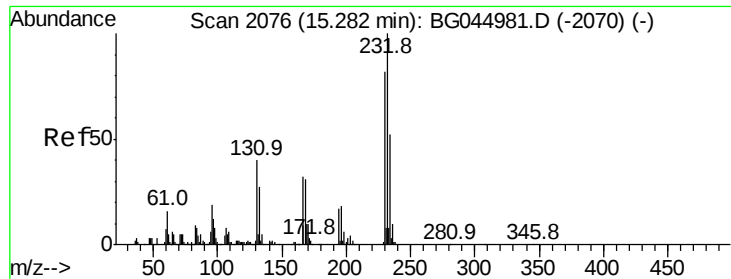
mohammad
4/30/2020 12:04:32 AM



#58
Fluorene
Concen: 41.030 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.8	79.9	119.9
167	14.1	11.4	17.0





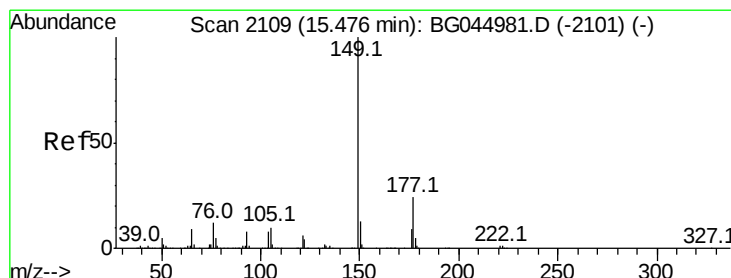
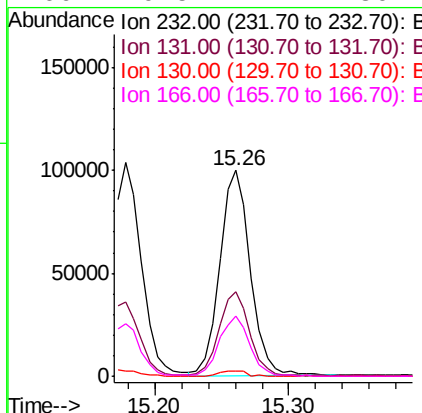
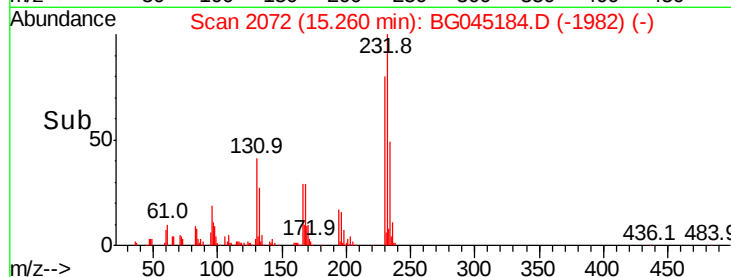
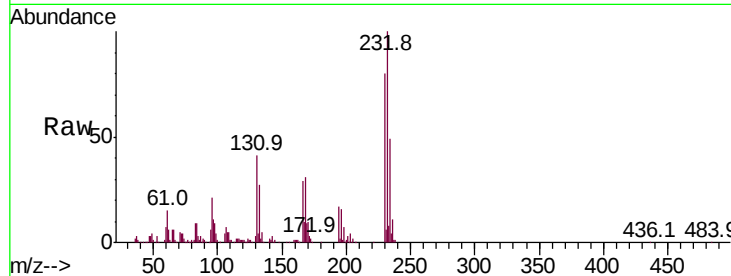
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.458 ng
RT: 15.26 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	159524		
131	41.0		32.2	48.2
130	2.4		2.2	3.2
166	29.5		24.2	36.4

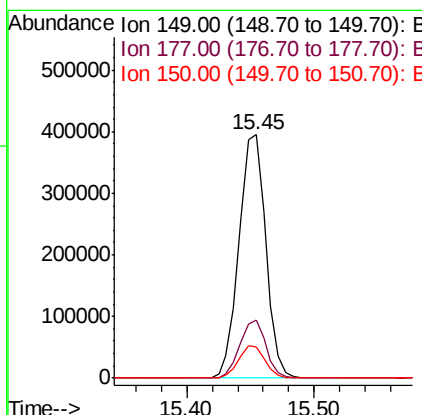
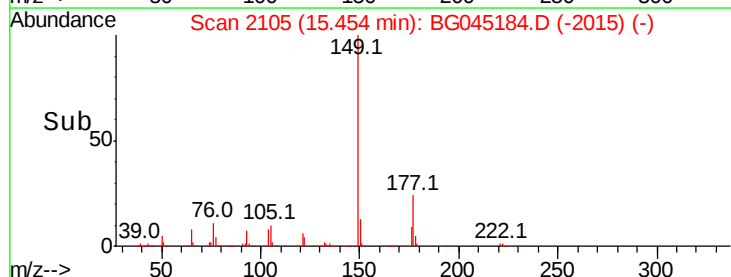
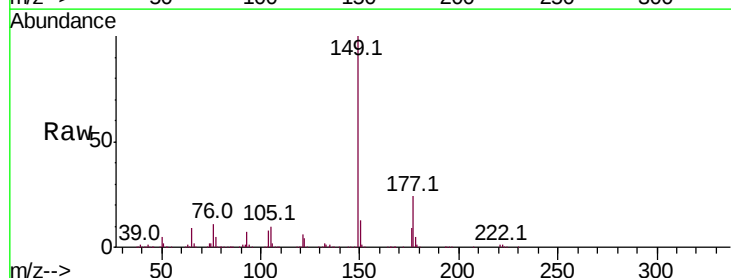
Manual Integrations
APPROVED

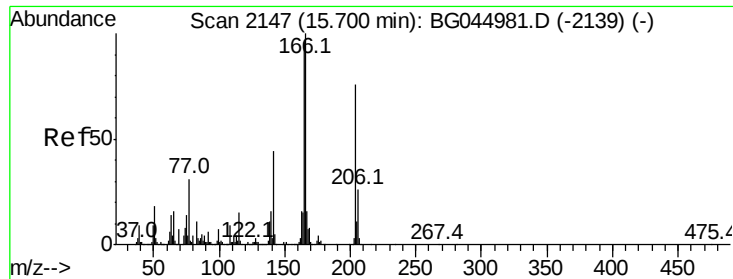
mohammad
4/30/2020 12:04:32 AM



#60
Diethylphthalate
Concen: 39.680 ng
RT: 15.45 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	577119		
177	23.9		18.9	28.3
150	12.6		10.6	15.8





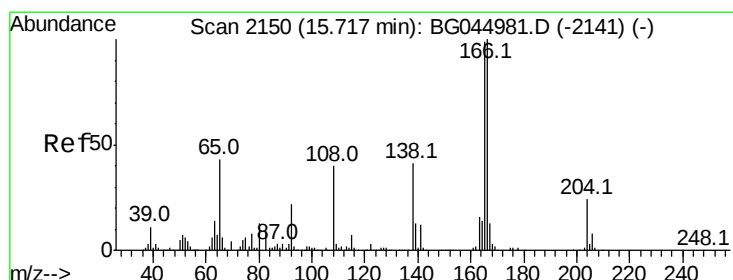
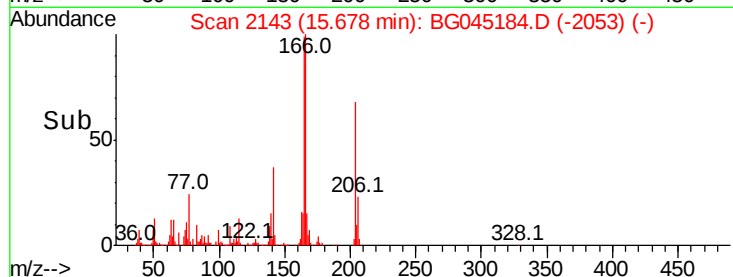
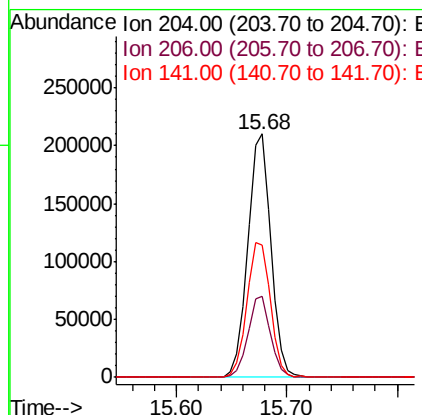
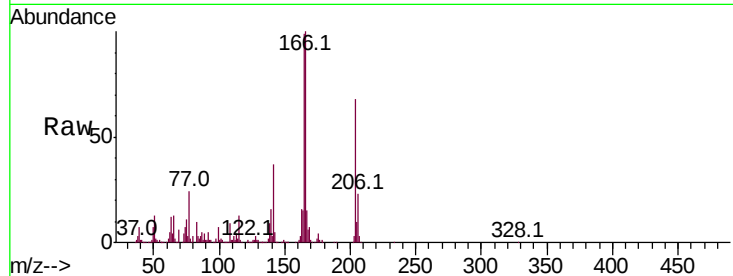
#61
4-Chlorophenyl-phenylether
Concen: 41.096 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.9	40.3
141	54.3	46.3	69.5

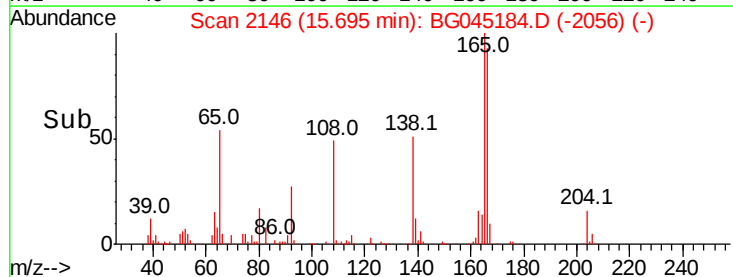
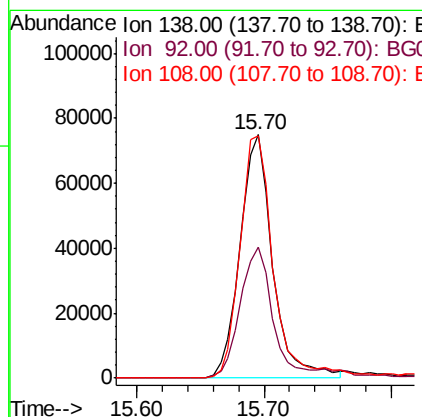
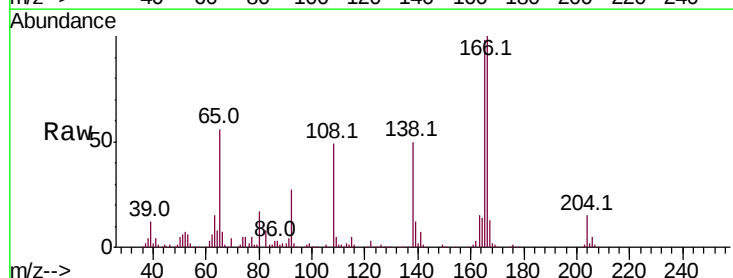
Manual Integrations
APPROVED

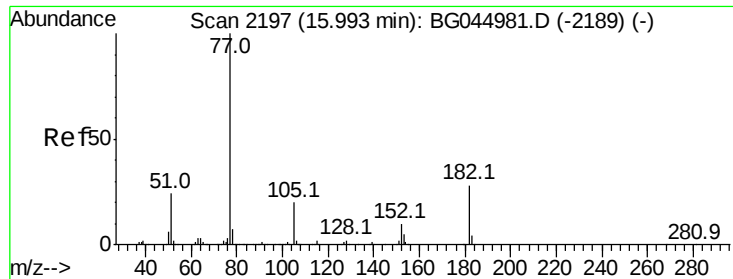
mohammad
4/30/2020 12:04:32 AM



#62
4-Nitroaniline
Concen: 37.706 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.9	33.6	73.6
108	99.3	78.2	118.2





#63

Azobenzene

Concen: 39.917 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

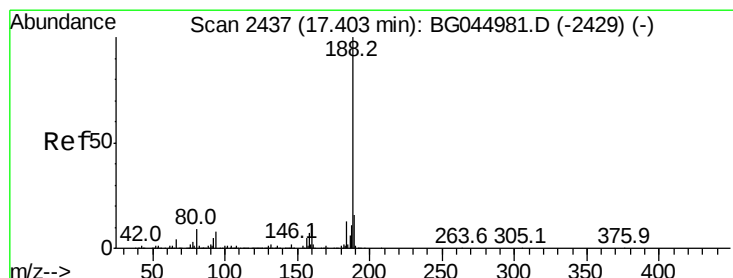
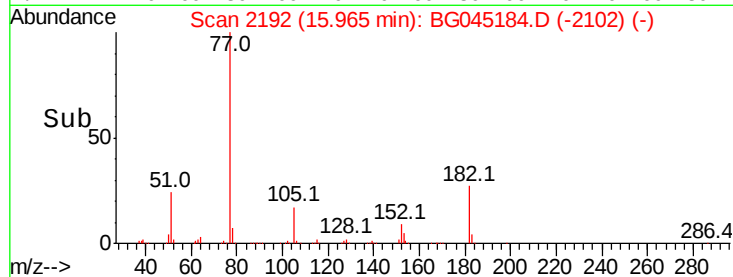
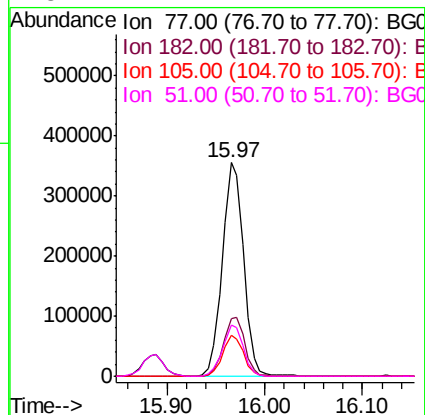
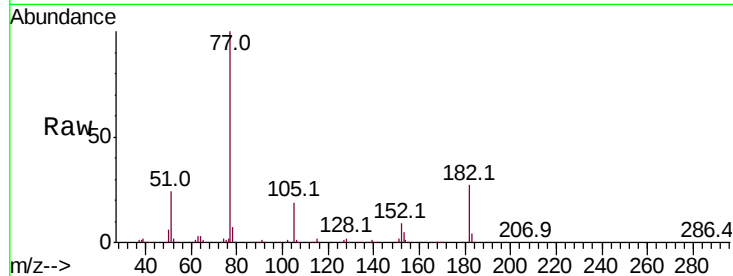
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		535254		
182	26.8	8.4	48.4		
105	19.3	0.5	40.5		
51	24.2	4.4	44.4		

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:32 AM



#64

Phenanthrene-d10

Concen: 20.000 ng

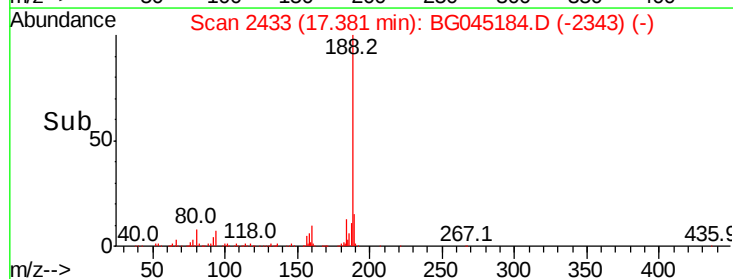
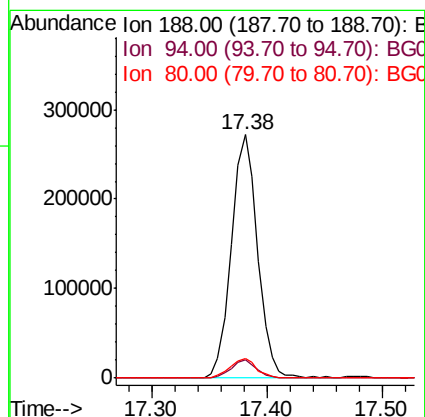
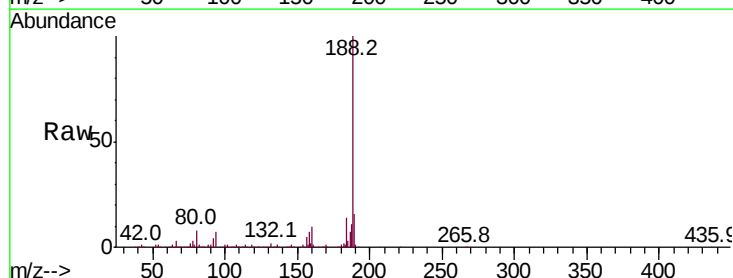
RT: 17.38 min Scan# 2433

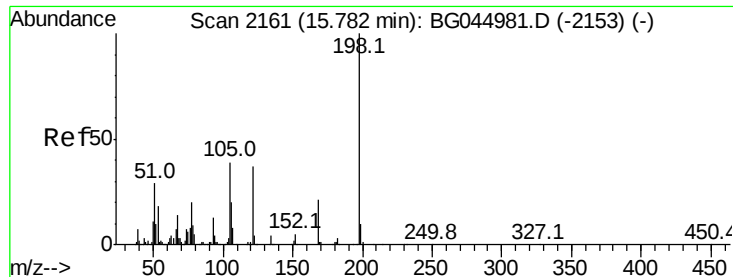
Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		428042		
94	7.4	6.2	9.4		
80	8.2	7.0	10.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 41.205 ng

RT: 15.75 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

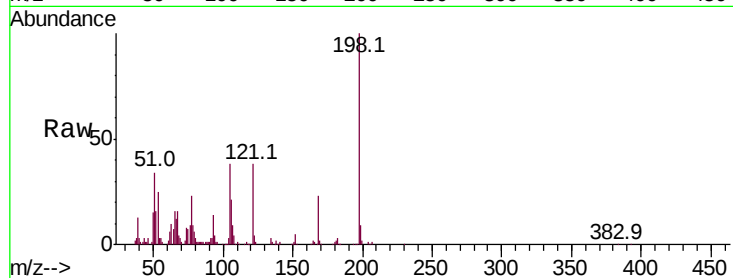
ClientSampleId :

SSTDCCC040

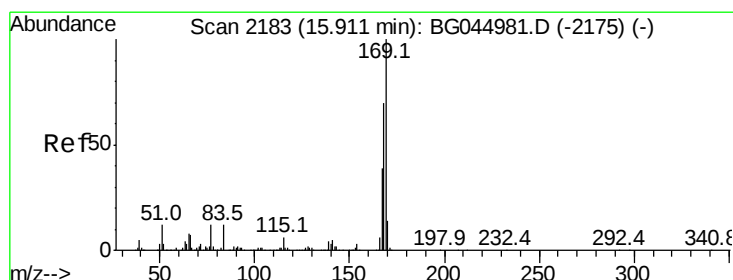
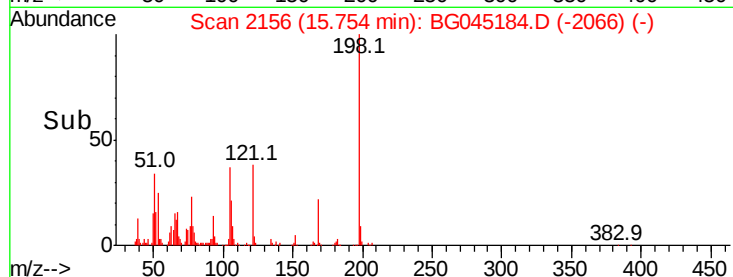
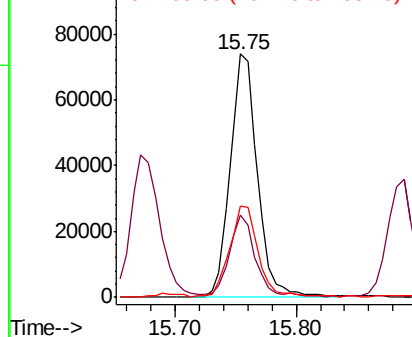
Tot Ion:198	Resp:	115931
Ion Ratio	Lower	Upper
198 100		
51 33.8	10.0	50.0
105 37.7	18.9	58.9

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:32 AM



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.293 ng

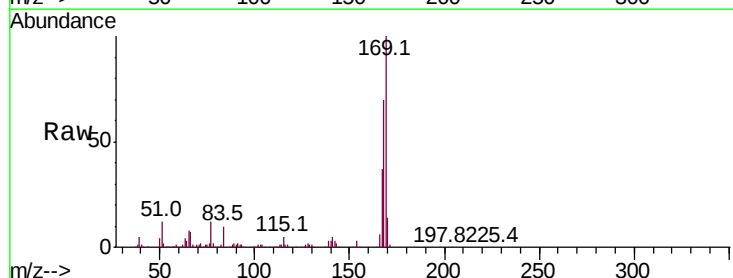
RT: 15.89 min Scan# 2179

Delta R.T. 0.00 min

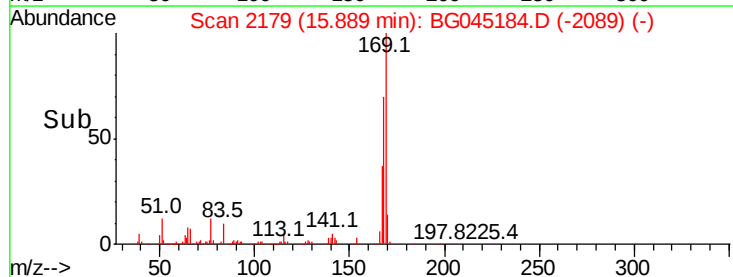
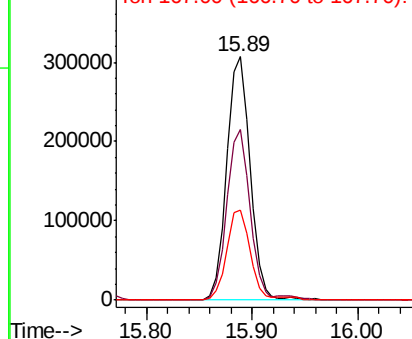
Lab File: BG045184.D

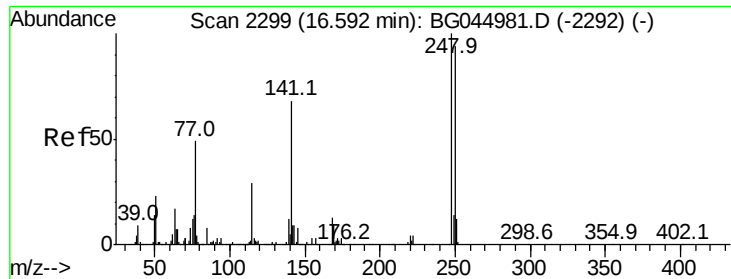
Acq: 28 Apr 2020 13:56

Tgt Ion:169	Resp:	470943
Ion Ratio	Lower	Upper
169 100		
168 70.2	55.8	83.8
167 37.0	30.8	46.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





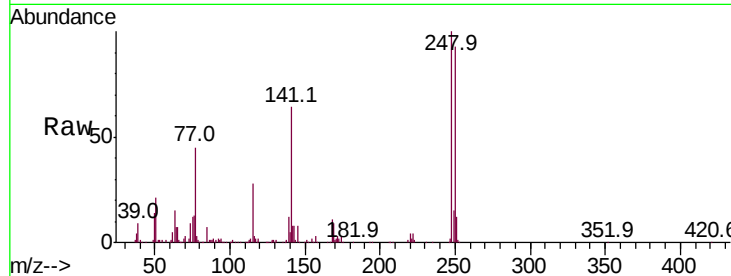
#67
4-Bromophenyl-phenylether
Concen: 38.863 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	92.7	75.4	113.2
141	64.3	54.4	81.6

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:32 AM

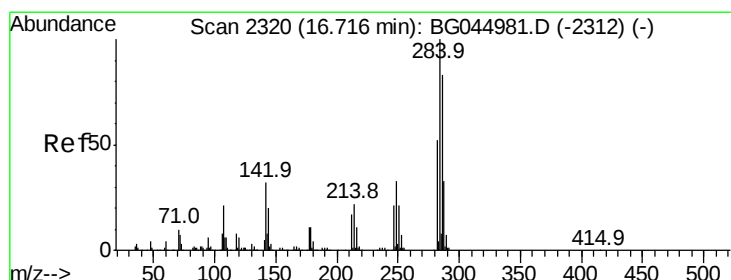
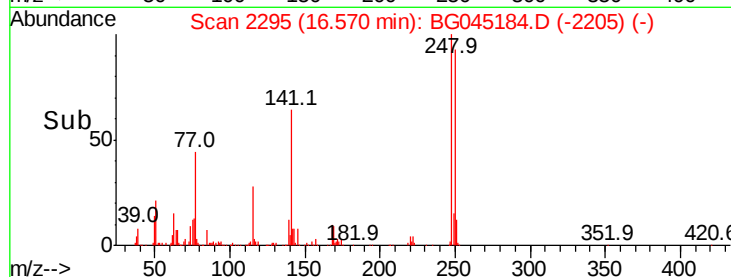
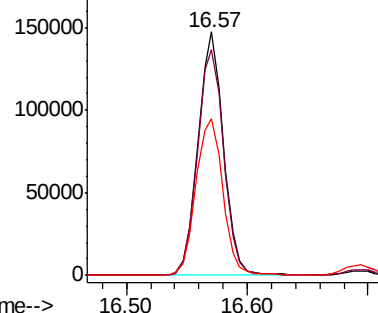


Abundance

Ion 248.00 (247.70 to 248.70): E

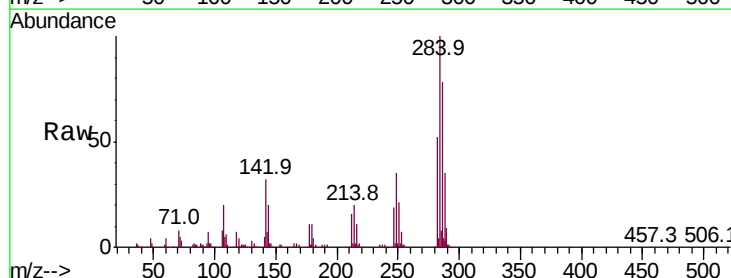
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.472 ng
RT: 16.69 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	25.8	38.6
249	34.6	26.6	39.8

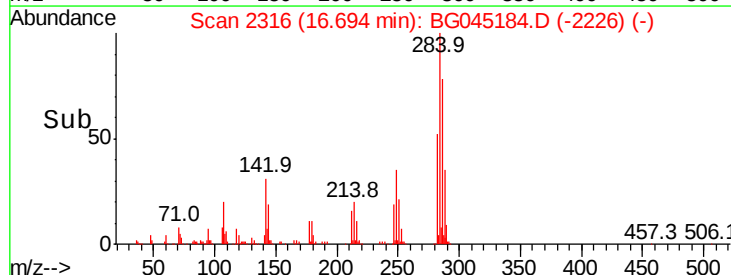
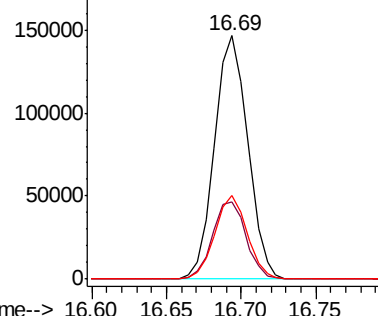


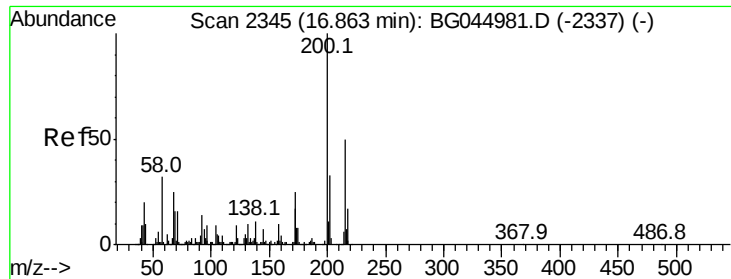
Abundance

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: 39.180 ng

RT: 16.83 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:200 Resp: 178522

Ion Ratio Lower Upper

200 100

173 26.8 4.5 44.5

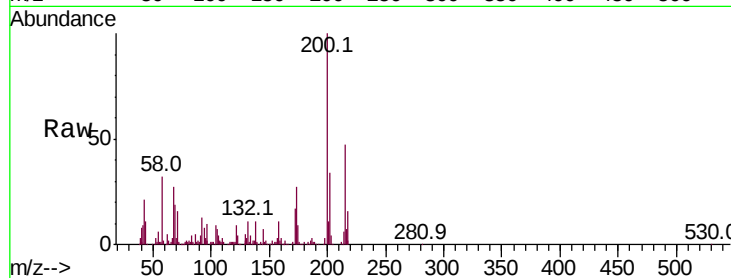
215 47.5 30.0 70.0

Manual Integrations

APPROVED

mohammad

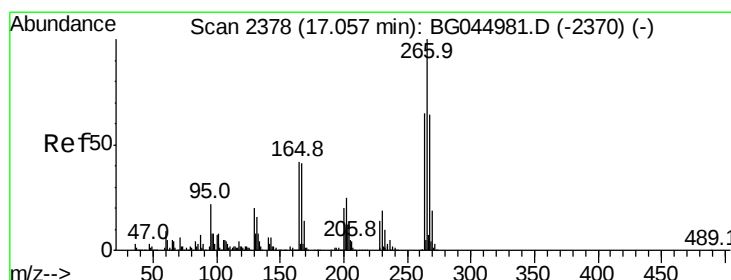
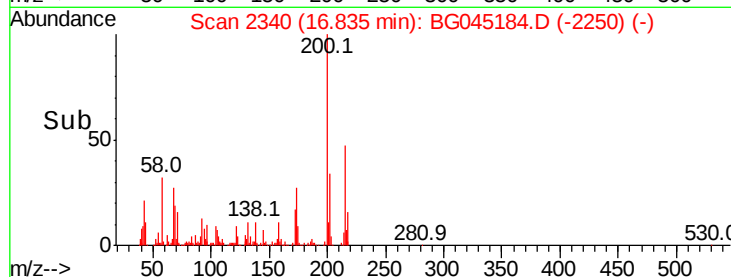
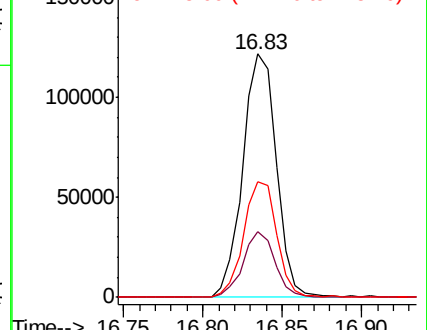
4/30/2020 12:04:32 AM



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 46.316 ng

RT: 17.03 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

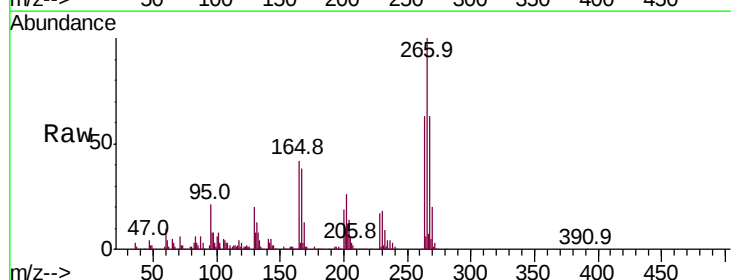
Tgt Ion:266 Resp: 162725

Ion Ratio Lower Upper

266 100

268 62.9 51.5 77.3

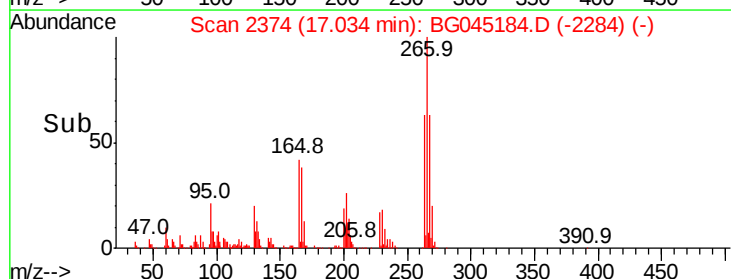
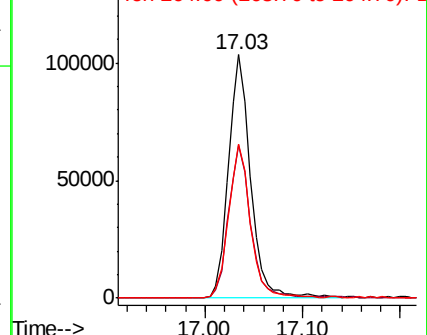
264 63.4 52.2 78.4

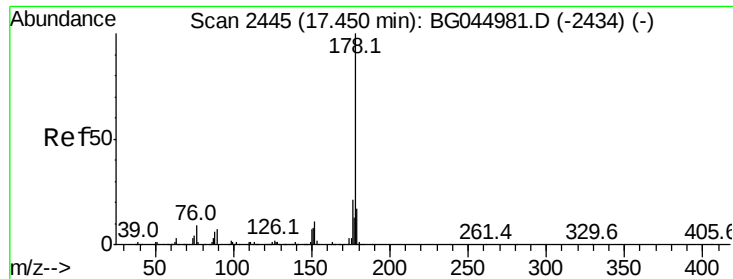


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





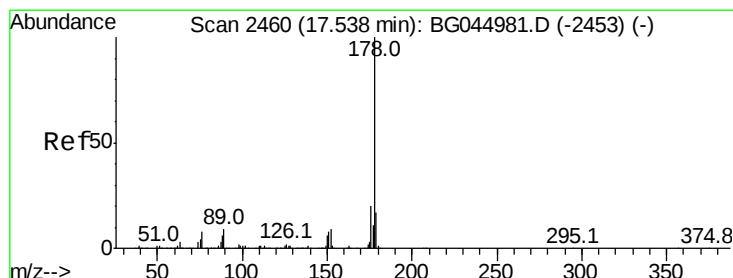
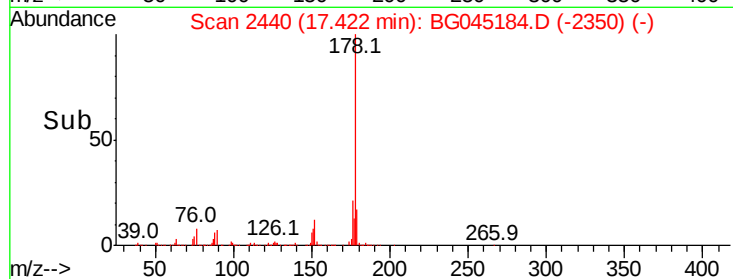
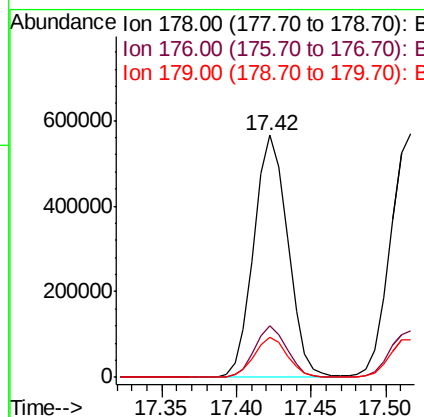
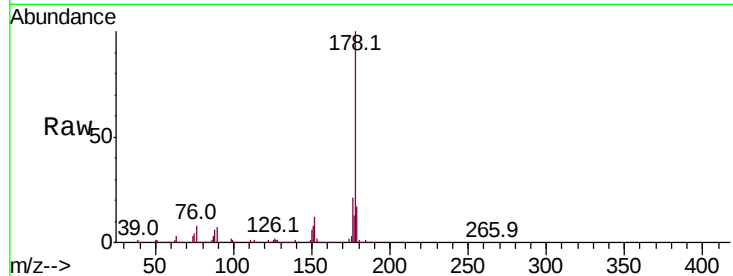
#71
Phenanthrene
Concen: 40.504 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.8	25.2
179	16.6	13.2	19.8

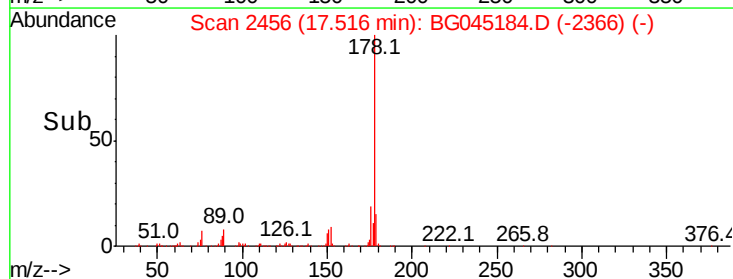
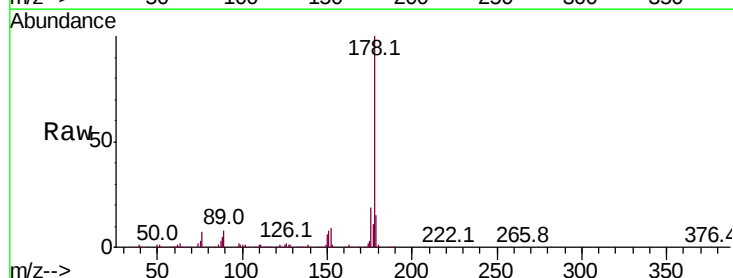
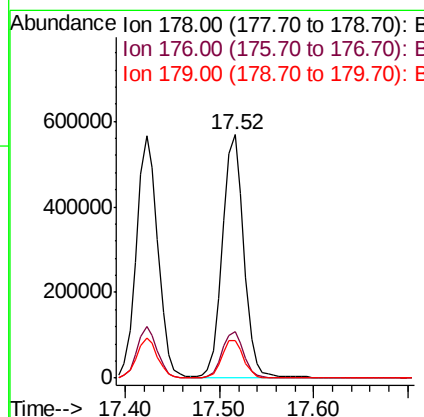
Manual Integrations
APPROVED

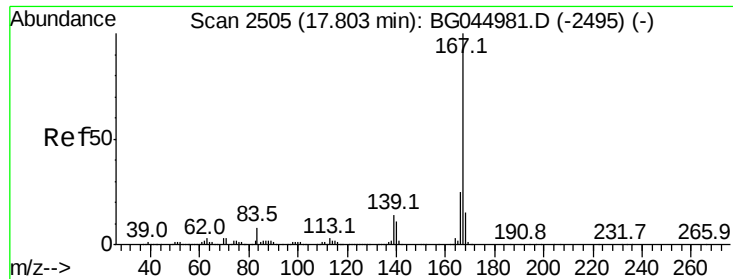
mohammad
4/30/2020 12:04:32 AM



#72
Anthracene
Concen: 41.015 ng
RT: 17.52 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	15.5	13.6	20.4





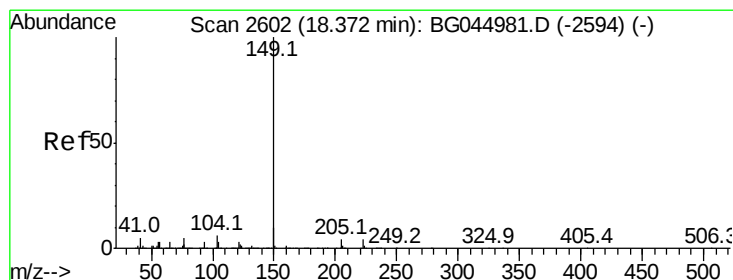
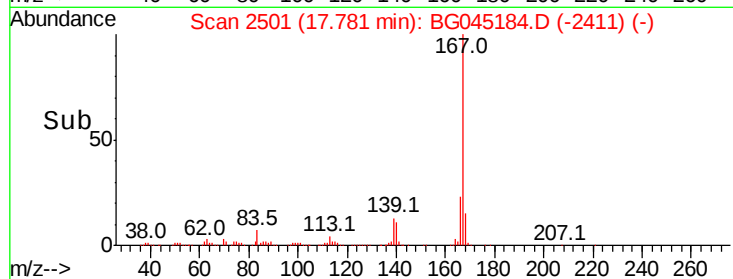
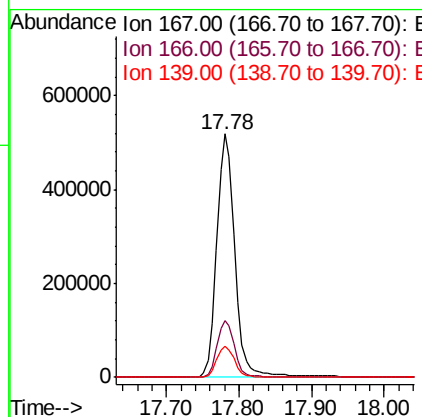
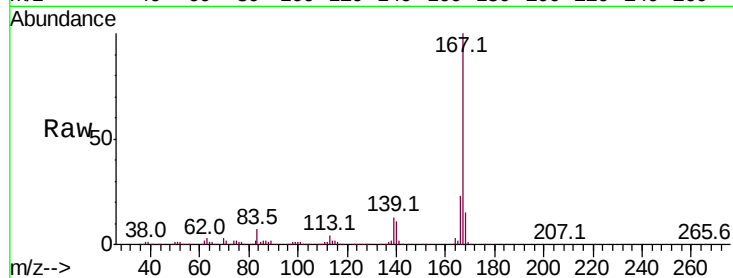
#73
 Carbazole
 Concen: 40.275 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.8	29.6
139	13.0	10.9	16.3

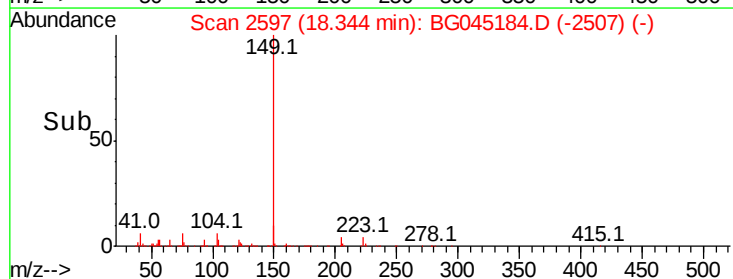
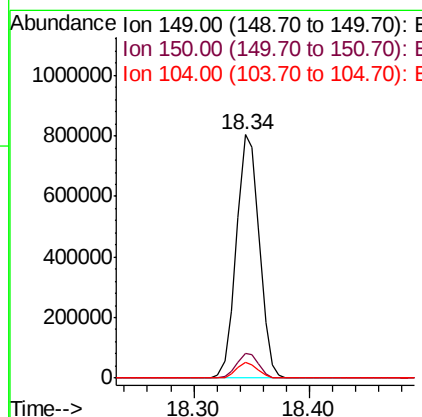
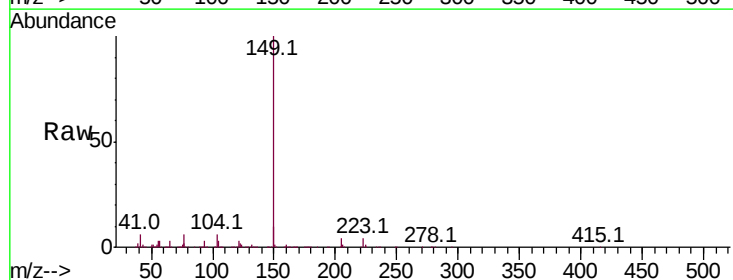
Manual Integrations
 APPROVED

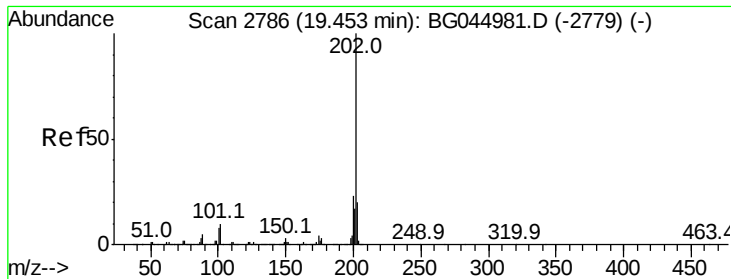
mohammad
 4/30/2020 12:04:32 AM



#74
 Di-n-butylphthalate
 Concen: 45.294 ng
 RT: 18.34 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	6.3	4.8	7.2





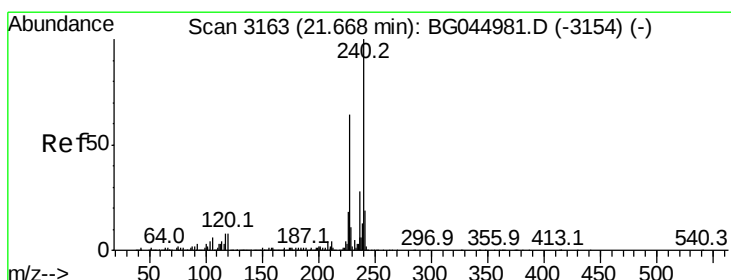
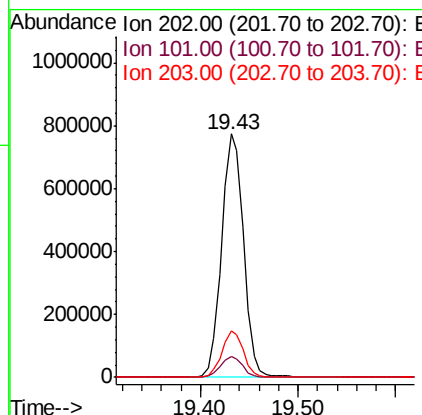
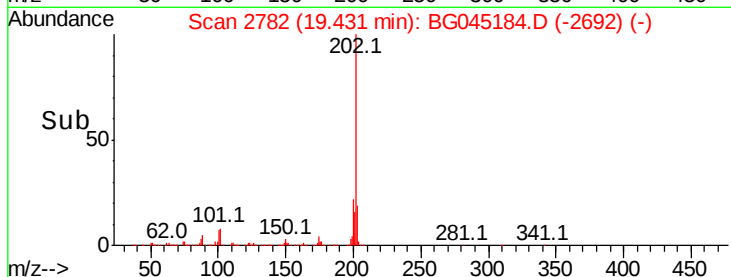
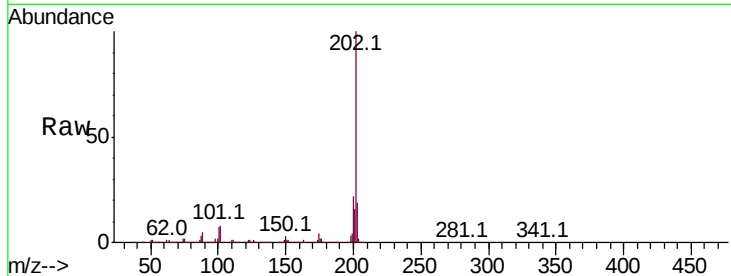
#75
 Fluoranthene
 Concen: 46.620 ng
 RT: 19.43 min Scan# 2782
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1199553		
101	8.4		0.0	29.6
203	19.3		0.0	39.7

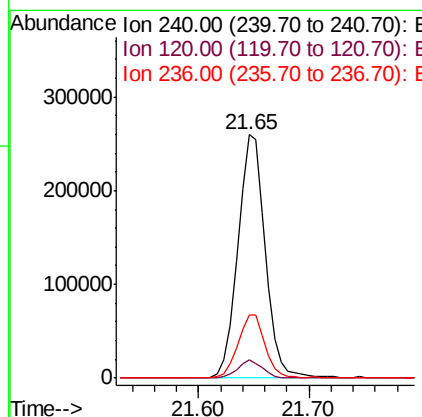
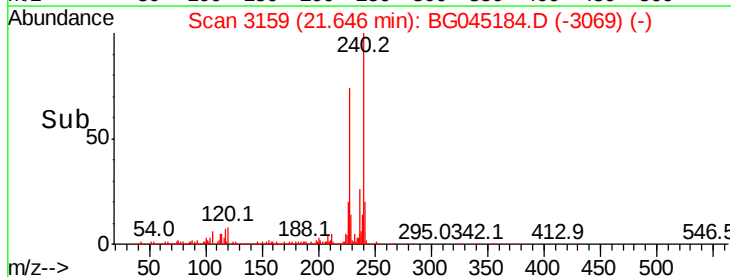
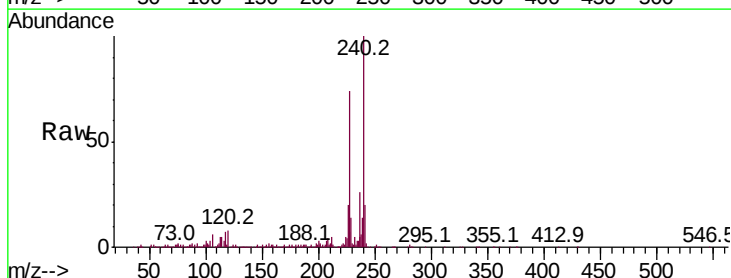
Manual Integrations
 APPROVED

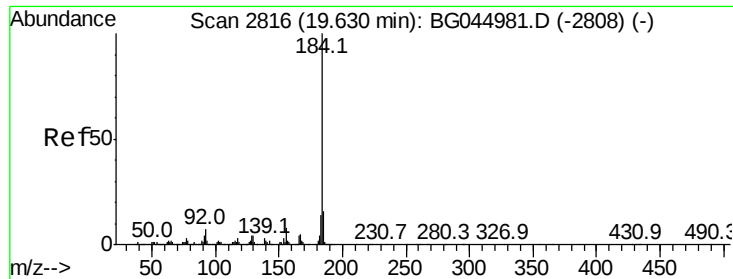
mohammad
 4/30/2020 12:04:32 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	451337		
120	7.6		6.6	10.0
236	26.1		22.2	33.2





#77

Benzidine

Concen: 43.998 ng

RT: 19.61 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

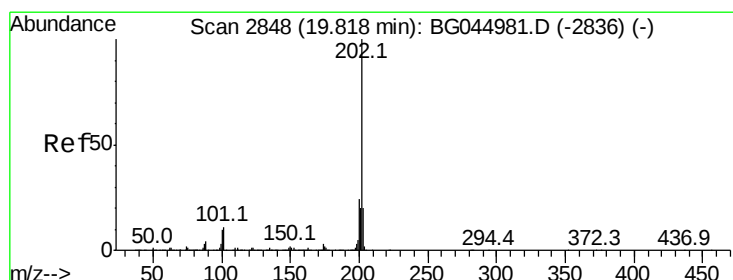
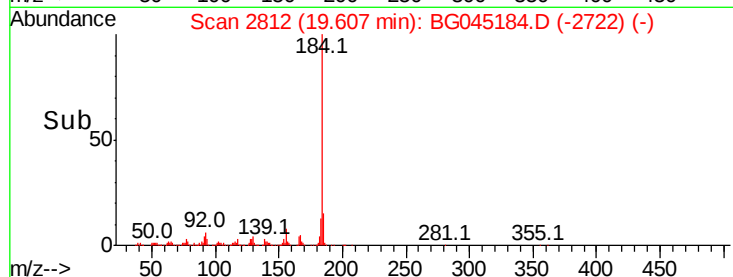
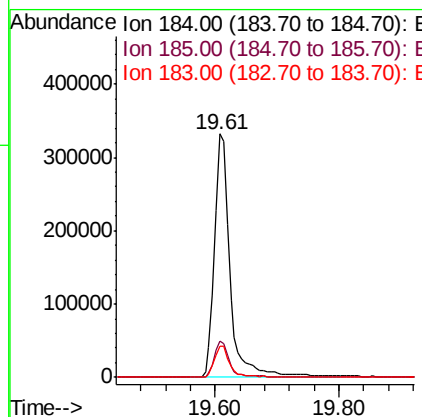
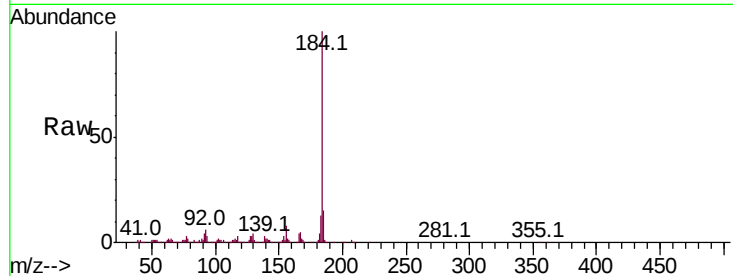
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	576894
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.6	19.0
183	12.9	11.3	16.9

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:32 AM



#78

Pyrene

Concen: 39.066 ng

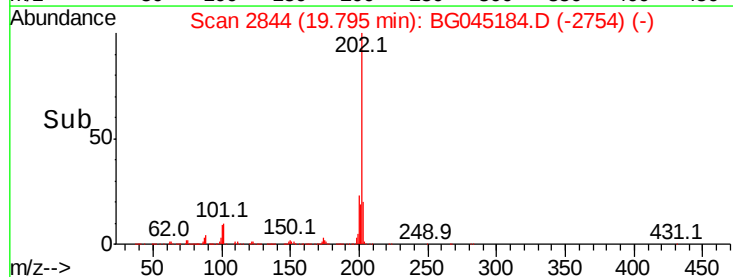
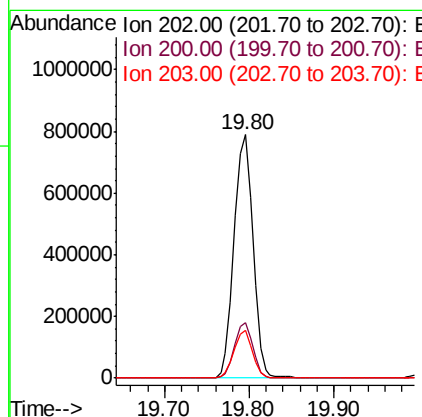
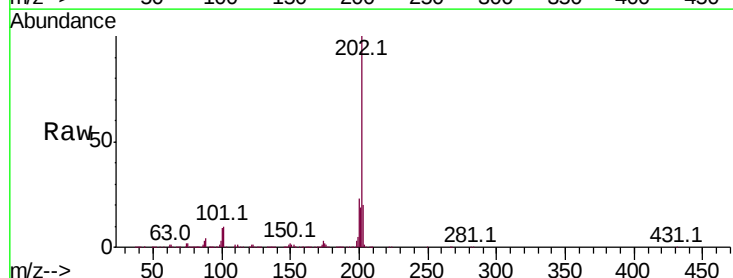
RT: 19.80 min Scan# 2844

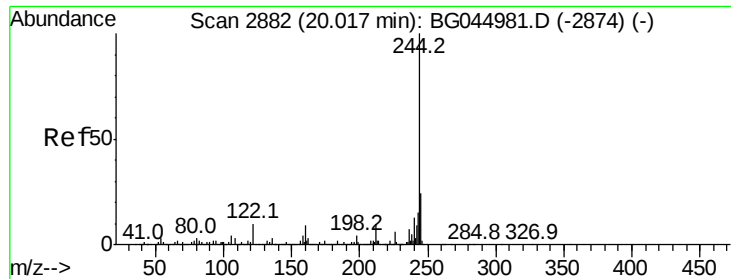
Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Tgt Ion:	202	Resp:	1215567
Ion Ratio	Lower	Upper	
202	100		
200	23.0	19.0	28.6
203	19.5	16.1	24.1





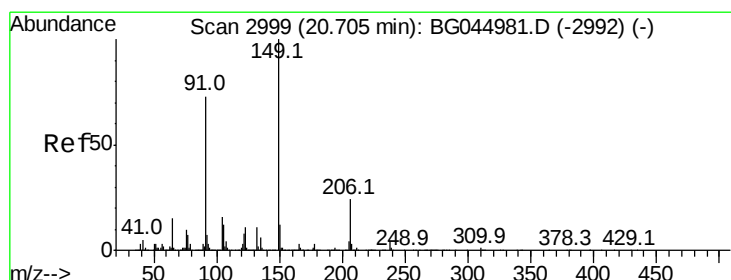
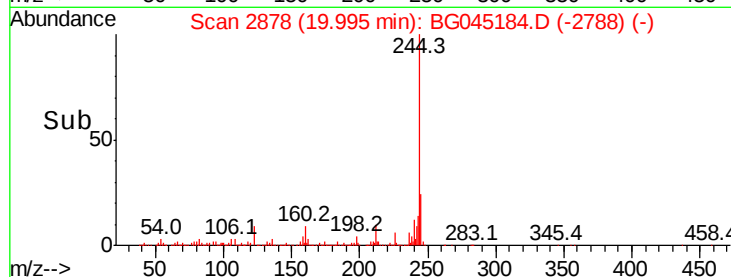
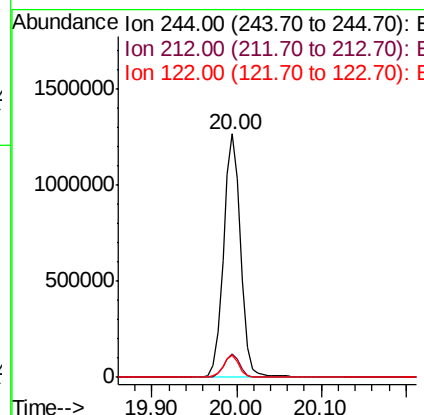
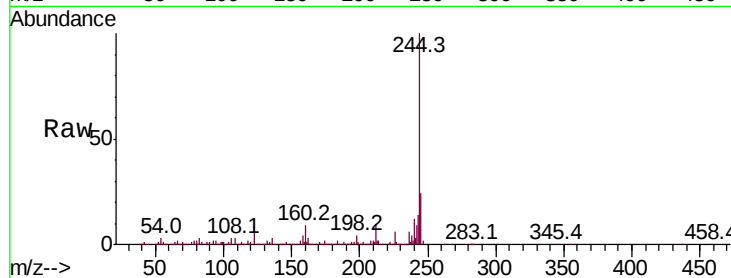
#79
 Terphenyl-d14
 Concen: 86.468 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.9	11.9
122	9.0	7.7	11.5

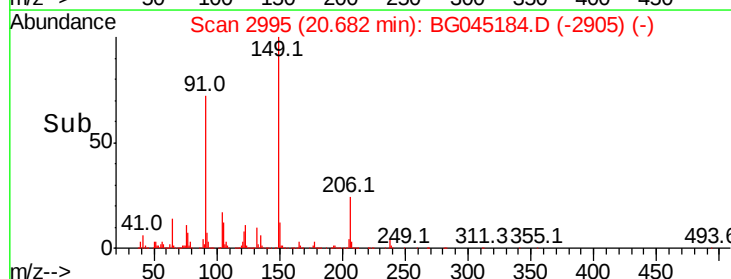
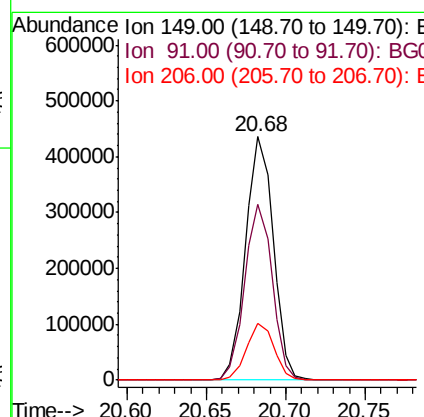
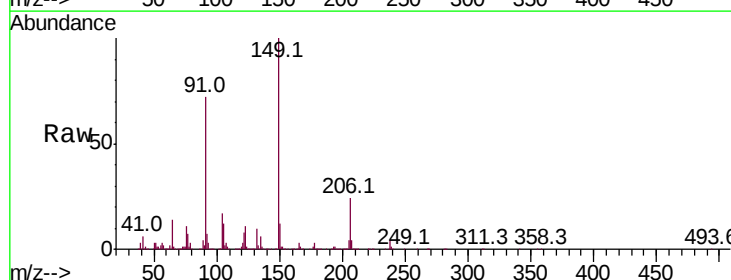
Manual Integrations
 APPROVED

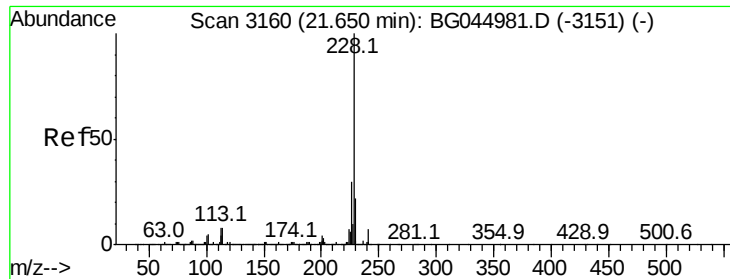
mohammad
 4/30/2020 12:04:32 AM



#80
 Butylbenzylphthalate
 Concen: 41.160 ng
 RT: 20.68 min Scan# 2995
 Delta R.T. 0.00 min
 Lab File: BG045184.D
 Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.4	58.5	87.7
206	23.5	19.2	28.8





#81

Benzo(a)anthracene

Concen: 40.447 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1183208

Ion Ratio Lower Upper

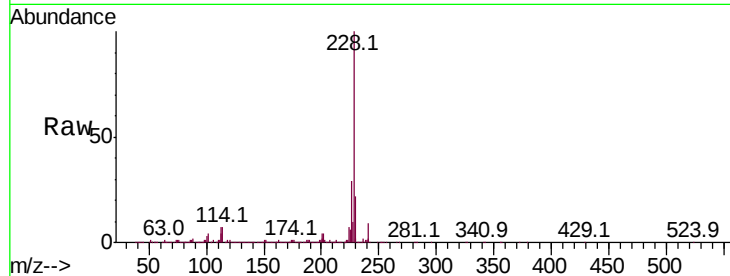
228 100

226 29.4 24.0 36.0

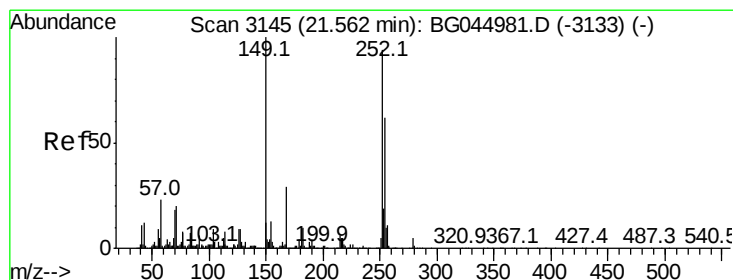
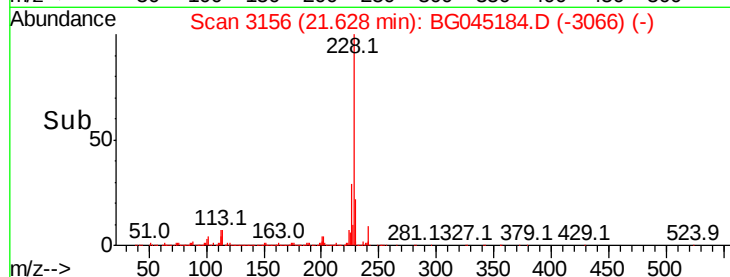
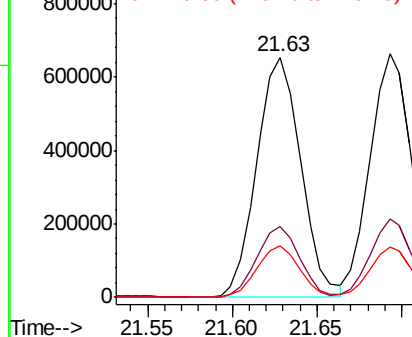
229 21.7 17.5 26.3

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:32 AM



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



#82

3,3'-Dichlorobenzidine

Concen: 42.144 ng

RT: 21.54 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

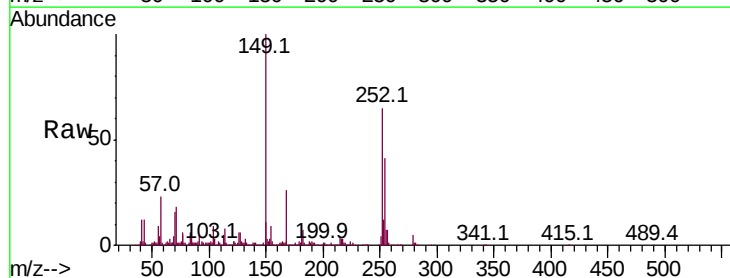
Tgt Ion:252 Resp: 490693

Ion Ratio Lower Upper

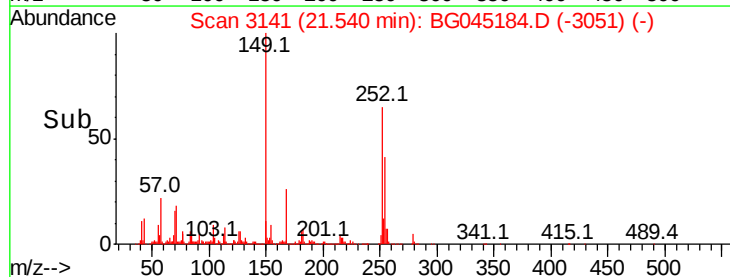
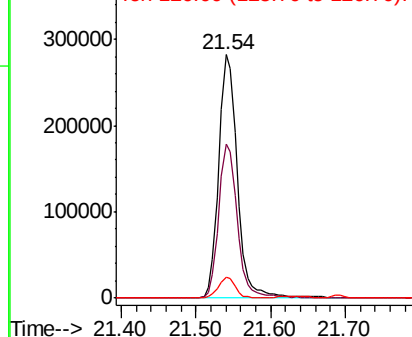
252 100

254 63.2 52.6 79.0

126 8.7 7.5 11.3



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





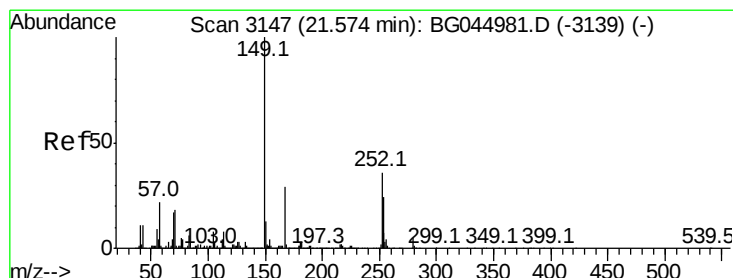
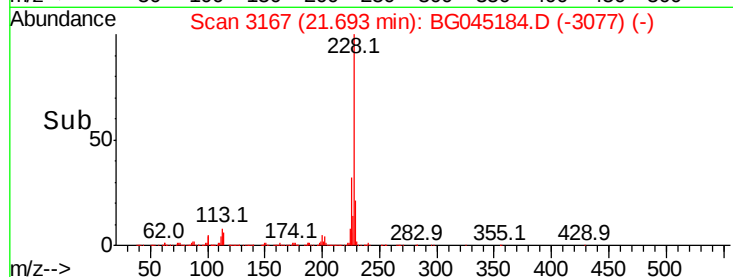
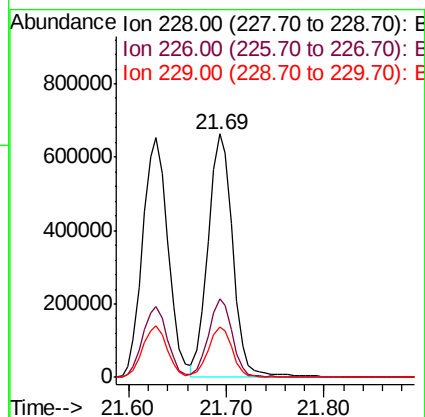
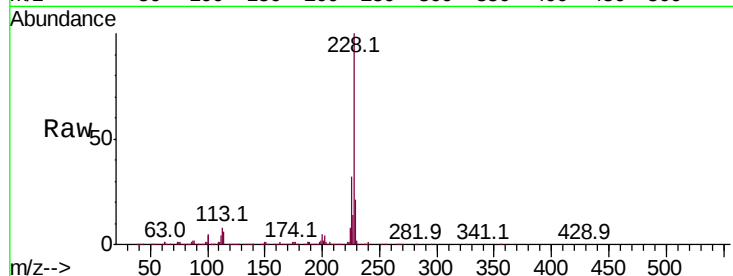
#83
Chrysene
Concen: 41.062 ng
RT: 21.69 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	26.2	39.4
229	20.8	17.0	25.6

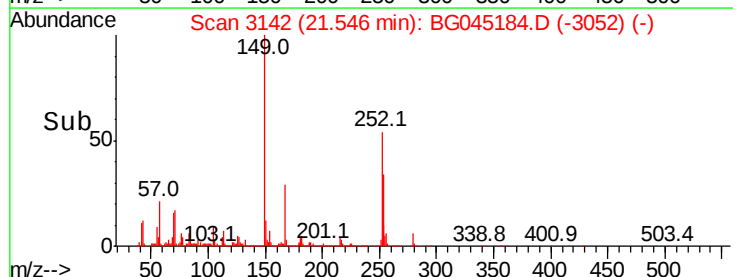
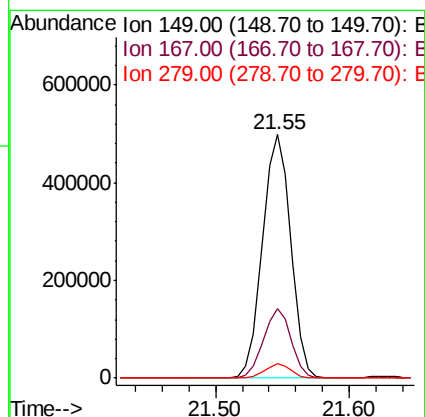
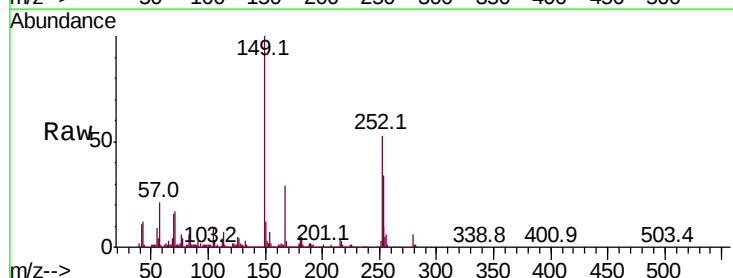
Manual Integrations
APPROVED

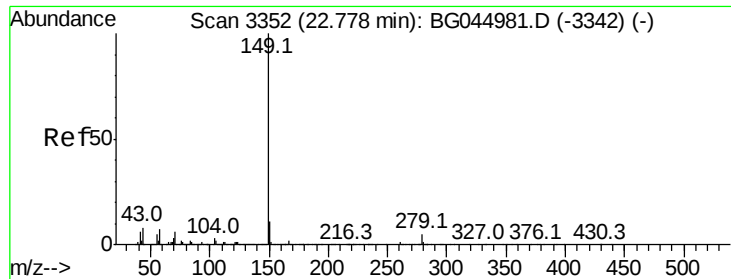
mohammad
4/30/2020 12:04:32 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.952 ng
RT: 21.55 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.4	35.0
279	5.7	4.3	6.5





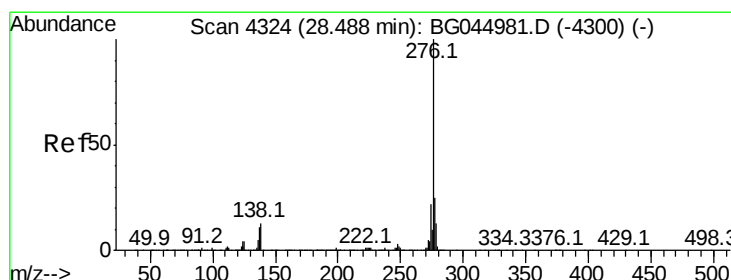
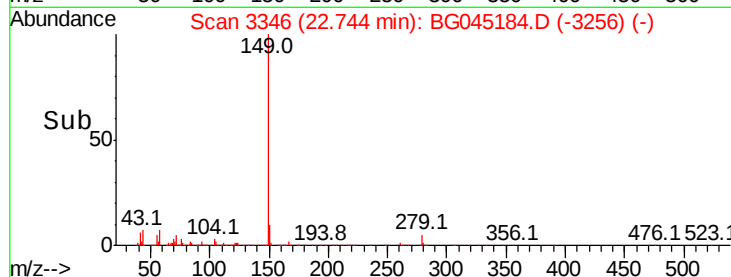
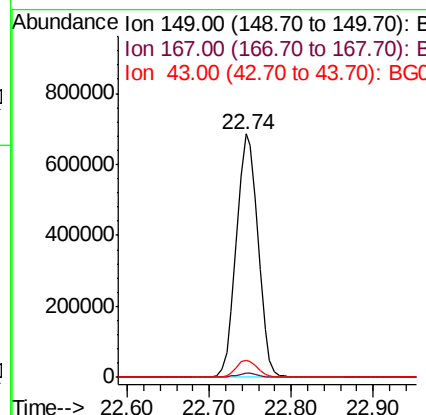
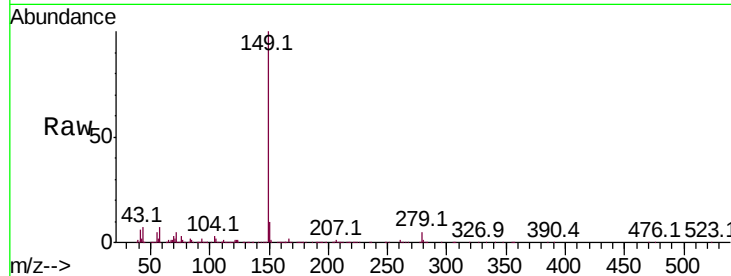
#85
Di-n-octyl phthalate
Concen: 41.163 ng
RT: 22.74 min Scan# 3346
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	7.1	5.7	8.5

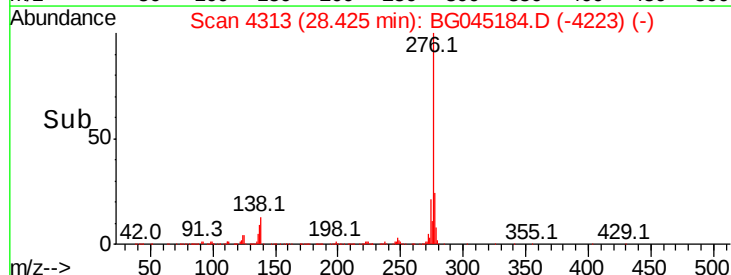
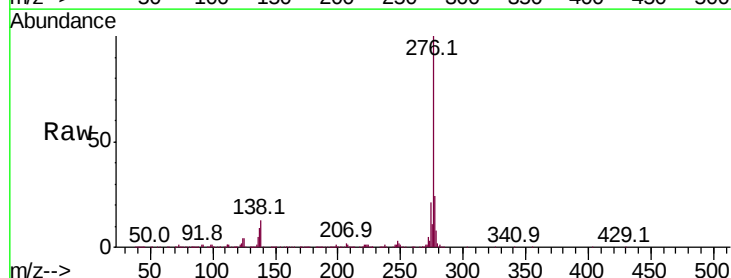
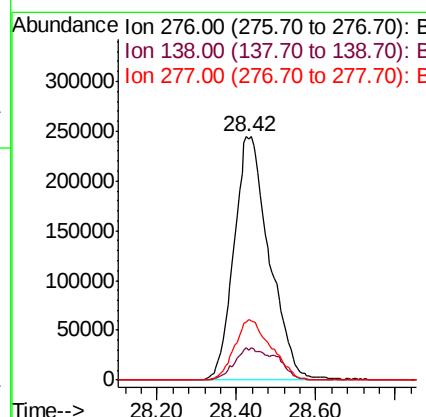
Manual Integrations
APPROVED

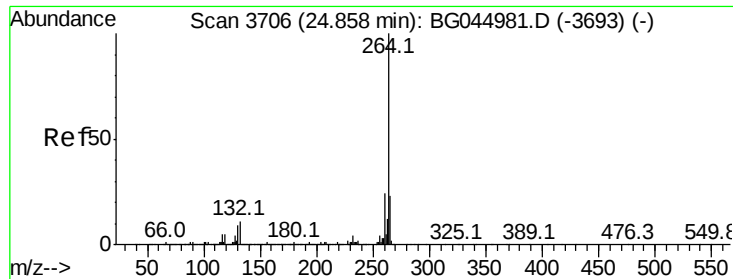
mohammad
4/30/2020 12:04:32 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.644 ng
RT: 28.42 min Scan# 4313
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.8	9.6	14.4#
277	25.6	20.6	31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3700

Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Instrument :

BNA_G

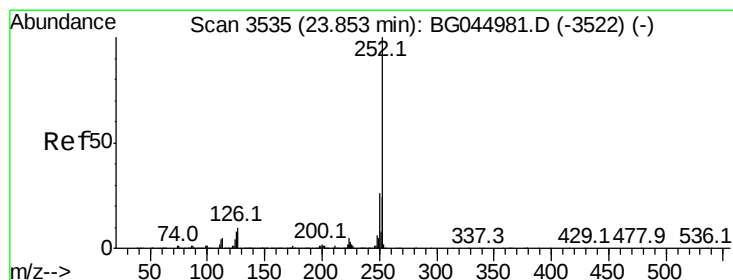
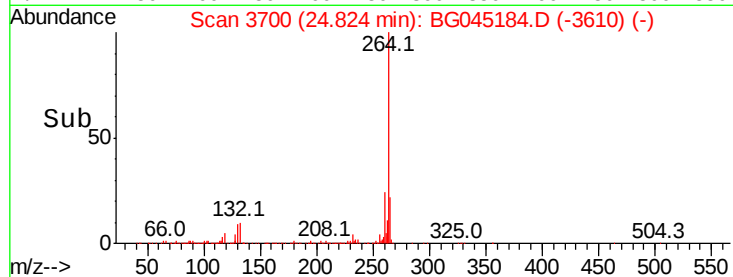
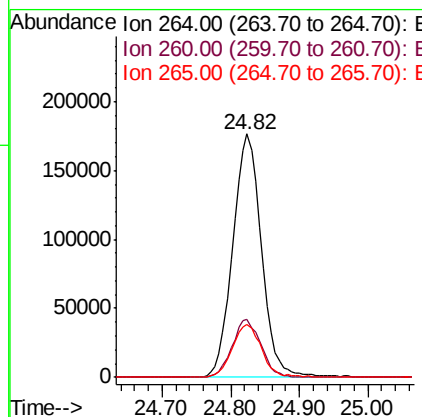
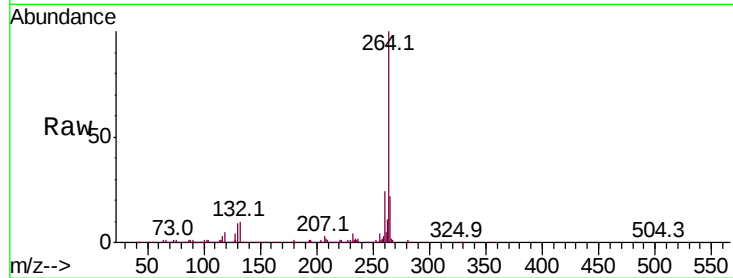
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	511356
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.8	19.0	28.4

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:32 AM



#88

Benzo(b)fluoranthene

Concen: 40.472 ng

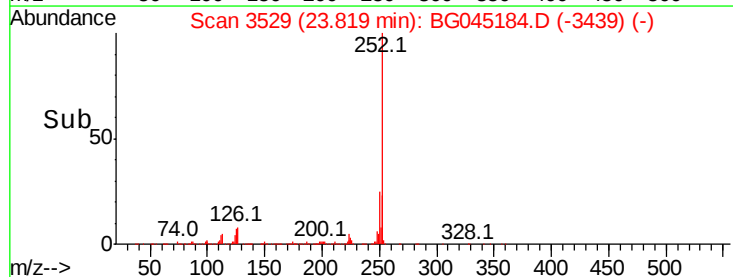
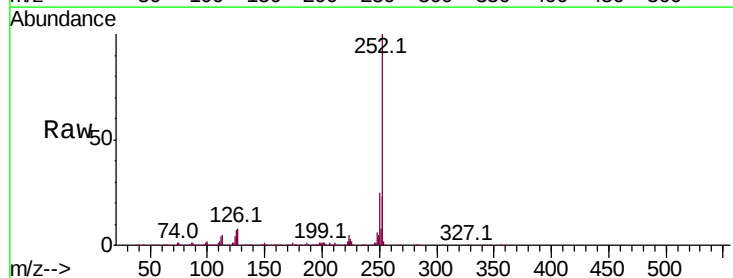
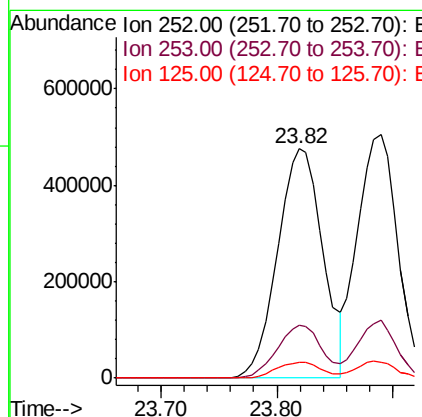
RT: 23.82 min Scan# 3529

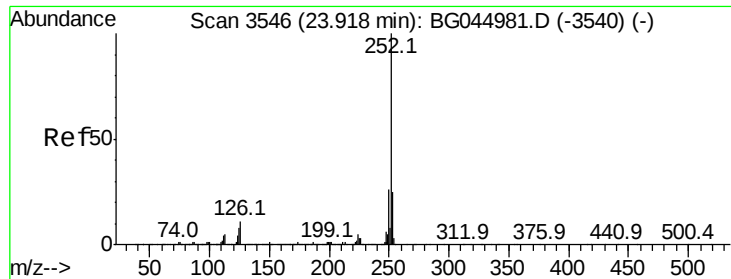
Delta R.T. 0.00 min

Lab File: BG045184.D

Acq: 28 Apr 2020 13:56

Tgt Ion:	252	Resp:	1296361
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.8	28.2
125	7.0	6.2	9.4





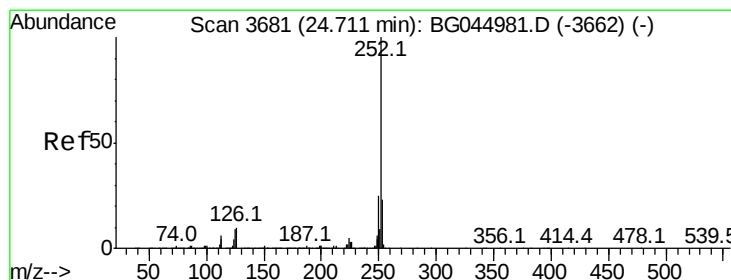
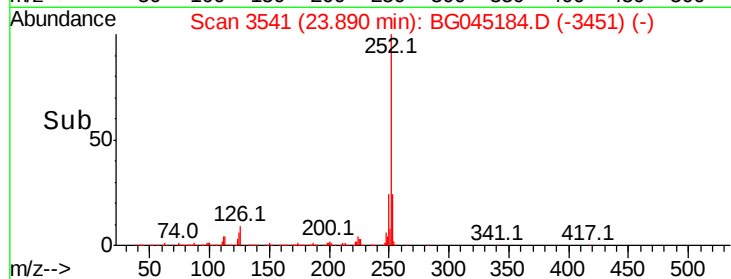
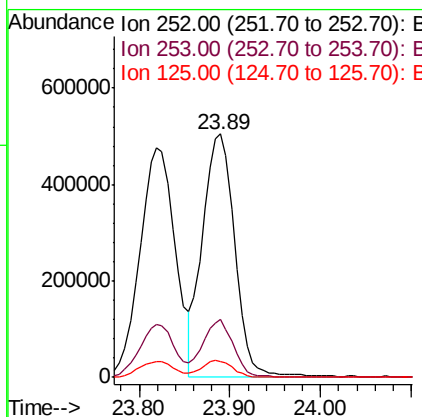
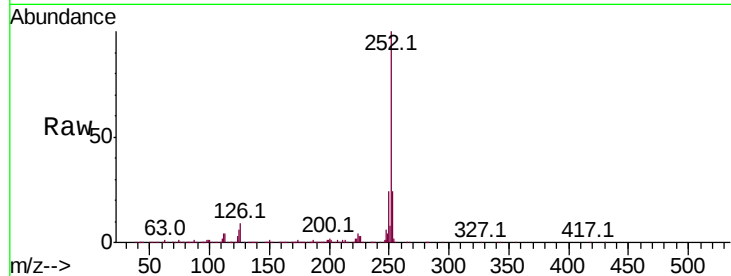
#89
Benzo(k)fluoranthene
Concen: 40.523 ng
RT: 23.89 min Scan# 3541
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.2	28.8
125	6.5	5.9	8.9

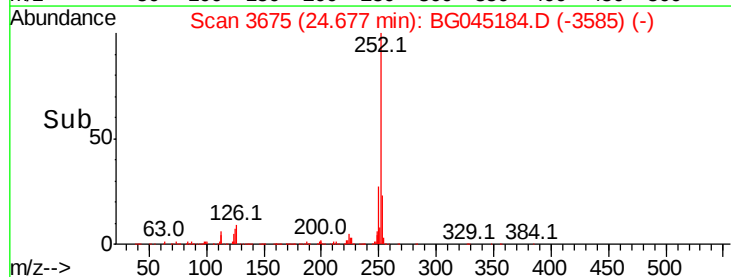
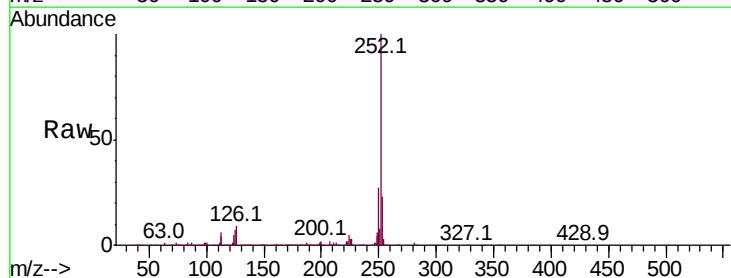
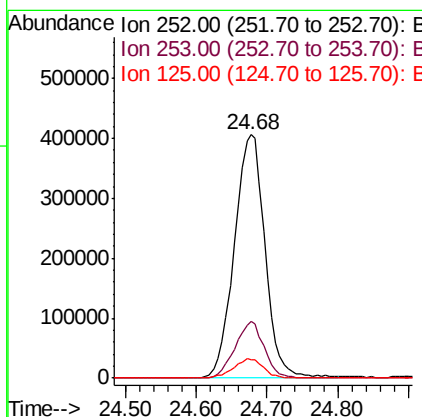
Manual Integrations
APPROVED

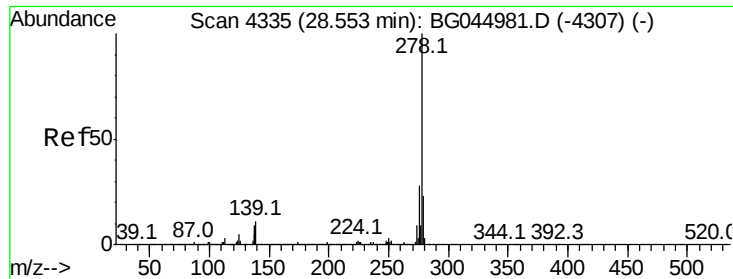
mohammad
4/30/2020 12:04:32 AM



#90
Benzo(a)pyrene
Concen: 40.502 ng
RT: 24.68 min Scan# 3675
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	7.4	7.0	10.6





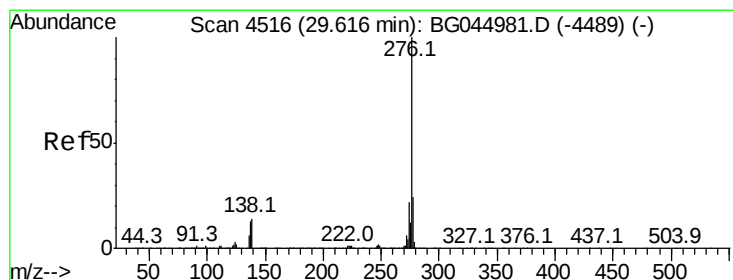
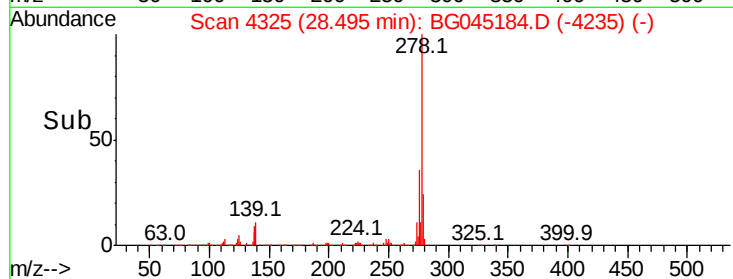
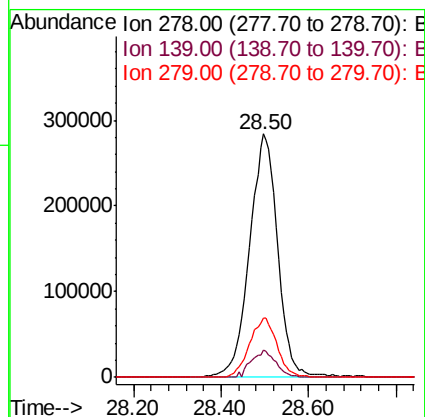
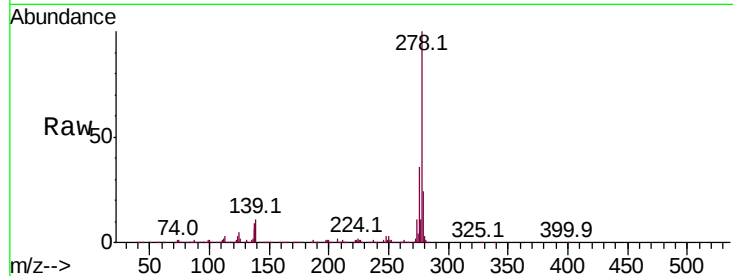
#91
Dibenzo(a,h)anthracene
Concen: 40.557 ng
RT: 28.50 min Scan# 4325
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.3	9.0	13.6
279	24.4	18.4	27.6

Manual Integrations
APPROVED

mohammad
4/30/2020 12:04:32 AM



#92
Benzo(g,h,i)perylene
Concen: 39.716 ng
RT: 29.55 min Scan# 4505
Delta R.T. 0.00 min
Lab File: BG045184.D
Acq: 28 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	14.1	11.4	17.2

