

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101521\
 Data File : BG050599.D
 Acq On : 15 Oct 2021 11:48
 Operator : CG/JU
 Sample : PB139878BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB139878BS

Manual Integrations
 APPROVED

mohammad
 10/18/2021 12:40:26 PM

Quant Time: Oct 15 13:20:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.256	152	45021	20.00	ng	0.00
21) Naphthalene-d8	11.082	136	197988	20.00	ng	# 0.00
39) Acenaphthene-d10	14.878	164	132484	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	291971	20.00	ng	# 0.00
76) Chrysene-d12	21.922	240	239726	20.00	ng	# 0.00
86) Perylene-d12	25.330	264	243477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	405786	134.80	ng	0.00
7) Phenol-d6	7.404	99	546477	125.38	ng	0.00
23) Nitrobenzene-d5	9.431	82	377573	78.94	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	160406	126.94	ng	0.00
45) 2-Fluorobiphenyl	13.503	172	696912	79.17	ng	0.00
79) Terphenyl-d14	20.207	244	1081314	87.90	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.650	88	43768	28.07	ng	94
3) Pyridine	4.061	79	108923	25.57	ng	# 92
4) n-Nitrosodimethylamine	3.973	42	80503	40.11	ng	# 44
6) Aniline	7.574	93	217061	42.86	ng	95
8) 2-Chlorophenol	7.815	128	138614	47.82	ng	88
9) Benzaldehyde	7.386	77	112915	41.25	ng	91
10) Phenol	7.428	94	196035	46.26	ng	86
11) bis(2-Chloroethyl)ether	7.663	93	141960	42.92	ng	85
12) 1,3-Dichlorobenzene	8.144	146	138887	41.51	ng	95
13) 1,4-Dichlorobenzene	8.291	146	140908	41.77	ng	96
14) 1,2-Dichlorobenzene	8.614	146	136654	42.41	ng	95
15) Benzyl Alcohol	8.491	79	157135	45.62	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.773	45	233906	43.36	ng	84
17) 2-Methylphenol	8.691	107	132917	47.67	ng	92
18) Hexachloroethane	9.349	117	55042	43.12	ng	94
19) n-Nitroso-di-n-propyla...	9.061	70	134918	42.47	ng	# 90
20) 3+4-Methylphenols	9.020	107	180471	45.98	ng	94
22) Acetophenone	9.084	105	223871	39.77	ng	96
24) Nitrobenzene	9.472	77	193135	40.61	ng	95
25) Isophorone	9.995	82	345712	40.75	ng	# 96
26) 2-Nitrophenol	10.183	139	78068	44.71	ng	94
27) 2,4-Dimethylphenol	10.230	122	142473	47.22	ng	94
28) bis(2-Chloroethoxy)met...	10.471	93	196031	40.41	ng	93
29) 2,4-Dichlorophenol	10.718	162	136664	44.44	ng	95
30) 1,2,4-Trichlorobenzene	10.941	180	139561	39.95	ng	97
31) Naphthalene	11.135	128	436251	41.16	ng	98
32) Benzoic acid	10.365	122	82381	36.79	ng	# 77
33) 4-Chloroaniline	11.235	127	149304	33.58	ng	96
34) Hexachlorobutadiene	11.405	225	86535	39.46	ng	97
35) Caprolactam	12.010	113	53209m	45.21	ng	
36) 4-Chloro-3-methylphenol	12.334	107	168262	43.78	ng	# 90
37) 2-Methylnaphthalene	12.721	142	311957	42.66	ng	94
38) 1-Methylnaphthalene	12.939	142	284184	40.08	ng	95
40) 1,2,4,5-Tetrachloroben...	13.080	216	156159	39.91	ng	98
41) Hexachlorocyclopentadiene	13.056	237	199295	88.14	ng	93
43) 2,4,6-Trichlorophenol	13.315	196	114798	41.64	ng	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101521\
 Data File : BG050599.D
 Acq On : 15 Oct 2021 11:48
 Operator : CG/JU
 Sample : PB139878BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB139878BS

Manual Integrations
 APPROVED

mohammad
 10/18/2021 12:40:26 PM

Quant Time: Oct 15 13:20:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.385	196	122742	42.58	ng	90
46) 1,1'-Biphenyl	13.714	154	382974	39.63	ng	94
47) 2-Chloronaphthalene	13.761	162	305656	41.19	ng	98
48) 2-Nitroaniline	13.961	65	131976	44.71	ng	93
49) Acenaphthylene	14.602	152	505640	41.59	ng	97
50) Dimethylphthalate	14.320	163	419232	41.86	ng	99
51) 2,6-Dinitrotoluene	14.443	165	91512	45.62	ng	88
52) Acenaphthene	14.942	154	359801m	46.05	ng	
53) 3-Nitroaniline	14.778	138	88482	37.29	ng	87
54) 2,4-Dinitrophenol	14.983	184	102415	82.31	ng	90
55) Dibenzofuran	15.271	168	479029	39.64	ng	97
56) 4-Nitrophenol	15.077	139	161126	84.43	ng	# 82
57) 2,4-Dinitrotoluene	15.230	165	129036	45.64	ng	93
58) Fluorene	15.924	166	384435	41.42	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.495	232	104328	41.55	ng	96
60) Diethylphthalate	15.671	149	440841	41.90	ng	97
61) 4-Chlorophenyl-phenyle...	15.906	204	207428	40.85	ng	98
62) 4-Nitroaniline	15.941	138	103352	41.87	ng	# 69
63) Azobenzene	16.200	77	492604	40.45	ng	82
65) 4,6-Dinitro-2-methylph...	15.994	198	71105	40.55	ng	92
66) n-Nitrosodiphenylamine	16.117	169	352647	42.51	ng	97
67) 4-Bromophenyl-phenylether	16.799	248	125087	42.52	ng	100
68) Hexachlorobenzene	16.922	284	125522	42.93	ng	# 92
69) Atrazine	17.057	200	144864	44.33	ng	99
70) Pentachlorophenol	17.263	266	156244	78.49	ng	97
71) Phenanthrene	17.663	178	647002	42.05	ng	98
72) Anthracene	17.757	178	658117	43.05	ng	98
73) Carbazole	18.021	167	615207	40.37	ng	98
74) Di-n-butylphthalate	18.556	149	764194	42.73	ng	# 97
75) Fluoranthene	19.660	202	774931	40.97	ng	96
77) Benzidine	19.831	184	469502	60.43	ng	98
78) Pyrene	20.019	202	766545	45.07	ng	97
80) Butylbenzylphthalate	20.888	149	325940	45.31	ng	95
81) Benzo(a)anthracene	21.899	228	677806	42.73	ng	100
82) 3,3'-Dichlorobenzidine	21.805	252	214772	40.85	ng	# 99
83) Chrysene	21.969	228	651825	43.69	ng	95
84) Bis(2-ethylhexyl)phtha...	21.775	149	470136	45.99	ng	# 97
85) Di-n-octyl phthalate	23.050	149	805166	47.23	ng	96
87) Indeno(1,2,3-cd)pyrene	29.261	276	757735	44.68	ng	# 93
88) Benzo(b)fluoranthene	24.243	252	696892	46.74	ng	# 93
89) Benzo(k)fluoranthene	24.320	252	662857	45.19	ng	# 97
90) Benzo(a)pyrene	25.177	252	673107	53.09	ng	# 94
91) Dibenzo(a,h)anthracene	29.331	278	630828	44.97	ng	# 92
92) Benzo(g,h,i)perylene	30.495	276	625076	45.50	ng	# 90

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

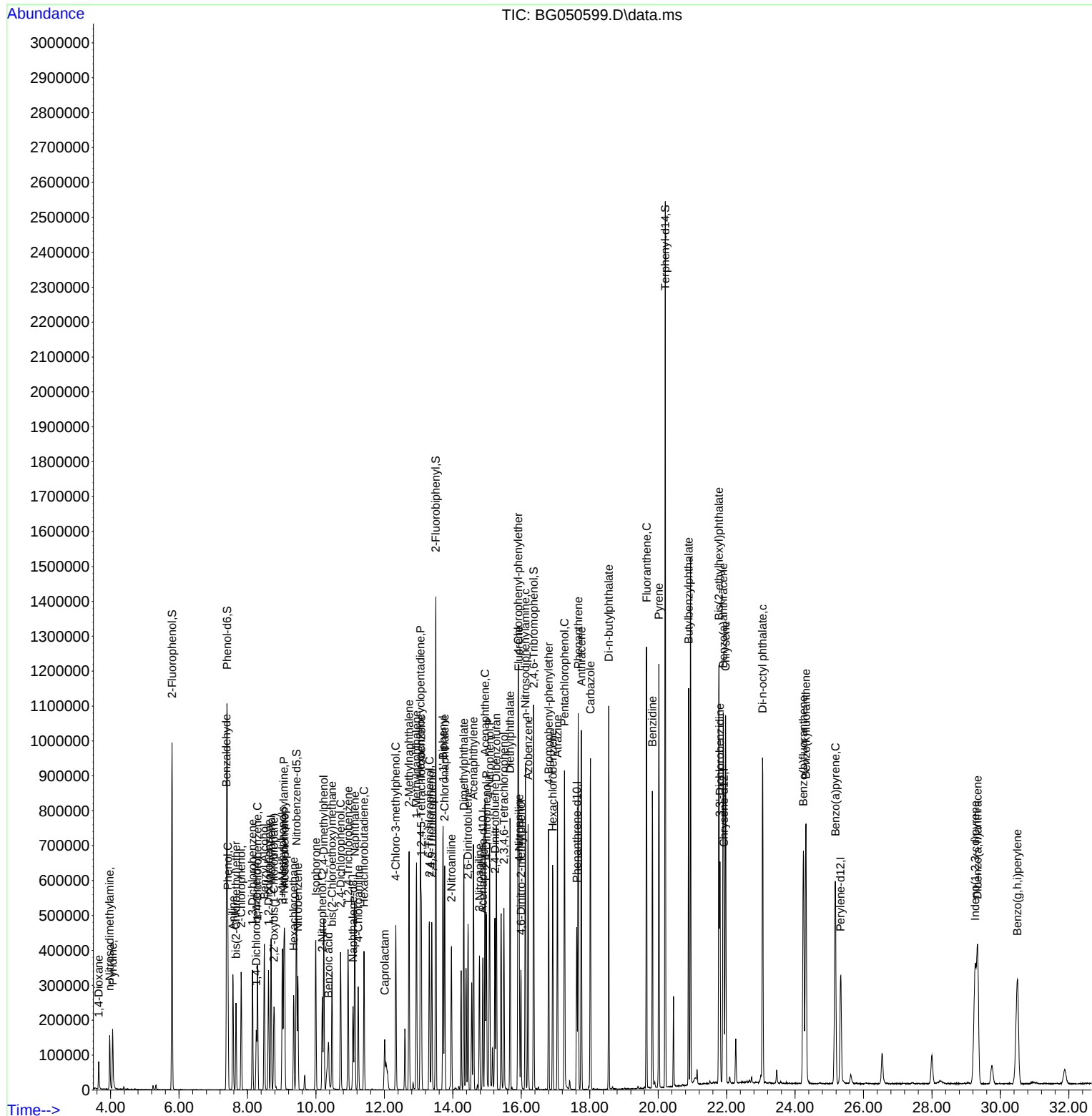
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101521\
 Data File : BG050599.D
 Acq On : 15 Oct 2021 11:48
 Operator : CG/JU
 Sample : PB139878BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

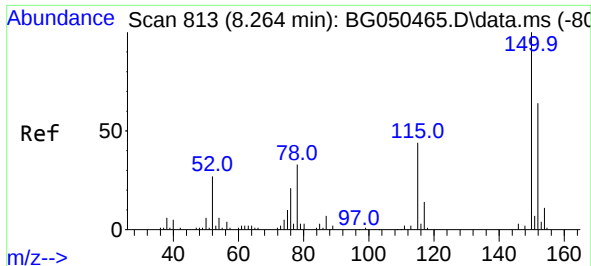
Instrument :
 BNA_G
 ClientSampleId :
 PB139878BS

Manual Integrations
 APPROVED

mohammad
 10/18/2021 12:40:26 PM

Quant Time: Oct 15 13:20:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration





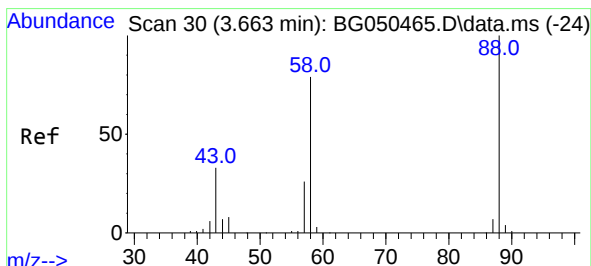
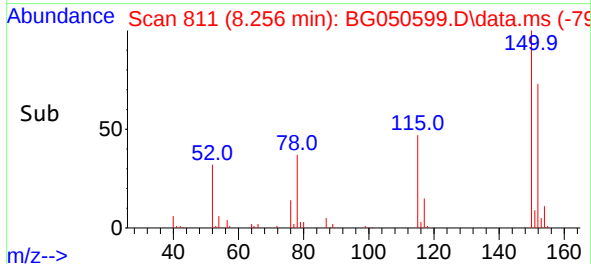
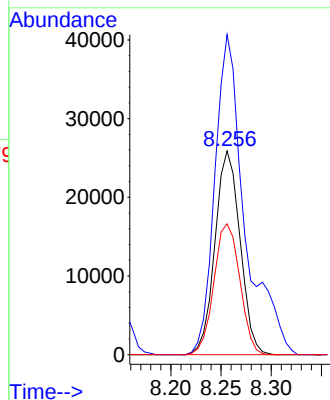
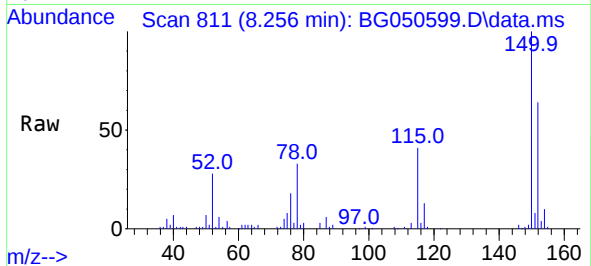
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.256 min Scan# 811
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:152 Resp: 45021
Ion Ratio Lower Upper
152 100
150 157.1 119.4 179.0
115 64.3 60.2 90.4

Instrument :
BNA_G
ClientSampleId :
PB139878BS

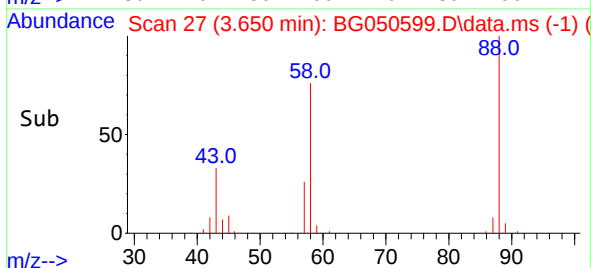
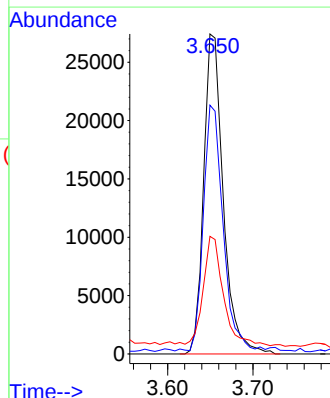
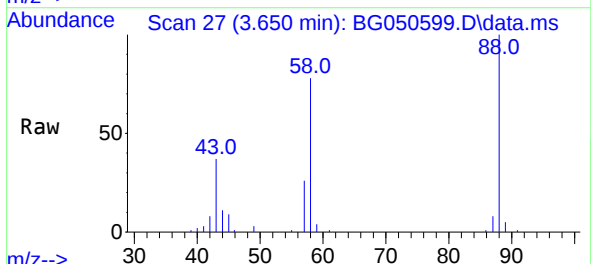
Manual Integrations
APPROVED

mohammad
10/18/2021 12:40:26 PM



#2
1,4-Dioxane
Concen: 28.07 ng
RT: 3.650 min Scan# 27
Delta R.T. -0.008 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion: 88 Resp: 43768
Ion Ratio Lower Upper
88 100
58 75.7 55.7 83.5
43 35.0 29.3 43.9





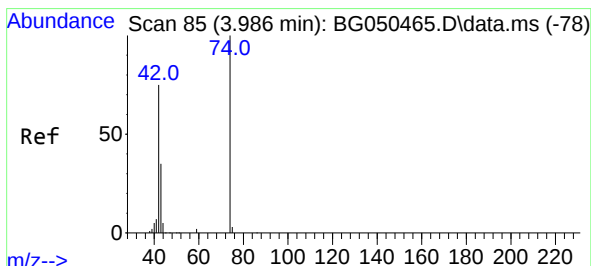
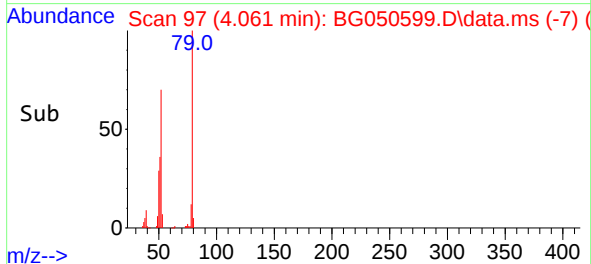
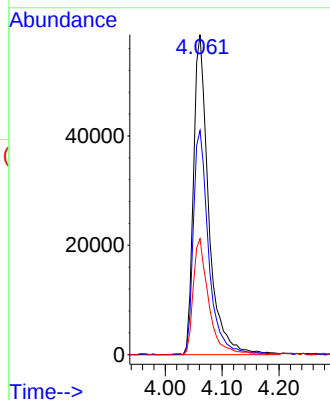
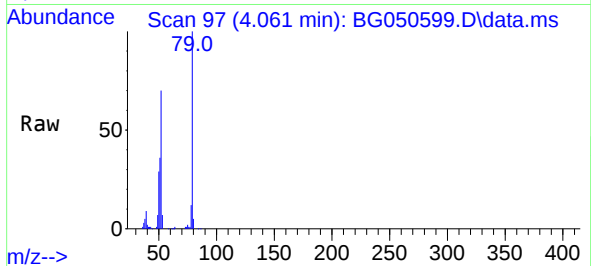
#3
Pyridine
Concen: 25.57 ng
RT: 4.061 min Scan# 97
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion: 79 Resp: 108923
Ion Ratio Lower Upper
79 100
52 70.1 58.4 87.6
51 36.3 37.0 55.6#

Instrument :
BNA_G
ClientSampleId :
PB139878BS

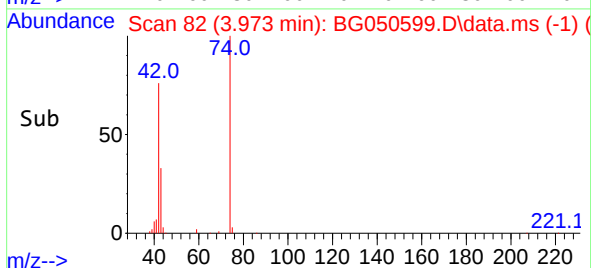
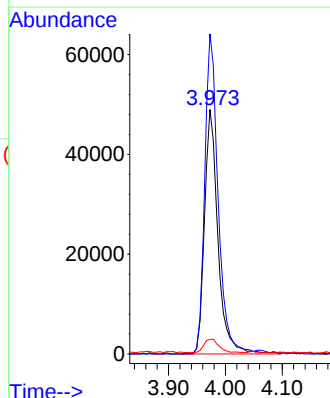
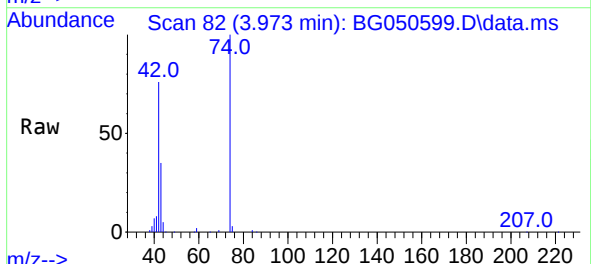
Manual Integrations
APPROVED

mohammad
10/18/2021 12:40:26 PM



#4
n-Nitrosodimethylamine
Concen: 40.11 ng
RT: 3.973 min Scan# 82
Delta R.T. -0.008 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion: 42 Resp: 80503
Ion Ratio Lower Upper
42 100
74 130.8 64.0 96.0#
44 5.9 2.7 4.1#





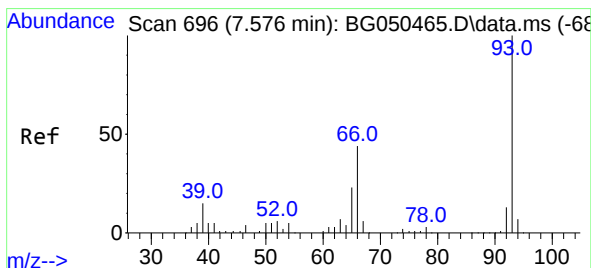
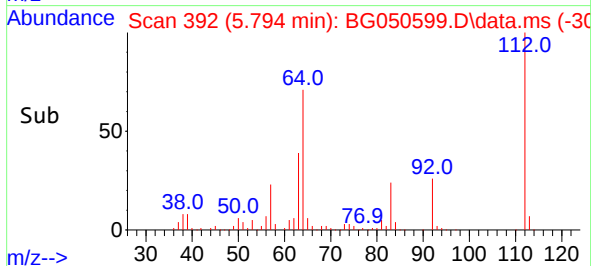
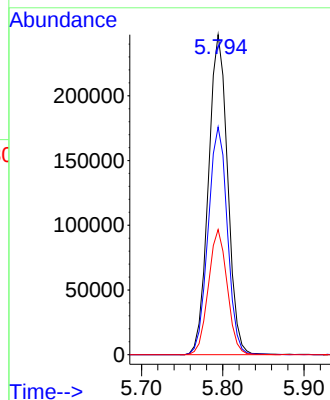
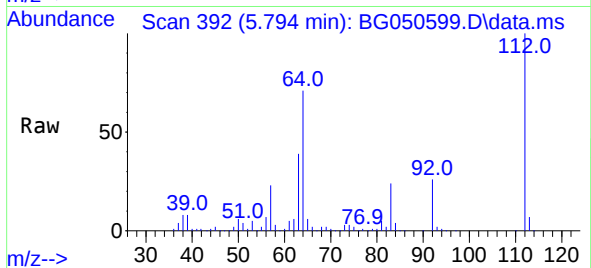
#5
2-Fluorophenol
Concen: 134.80 ng
RT: 5.794 min Scan# 392
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion: 112 Resp: 405786
Ion Ratio Lower Upper
112 100
64 71.2 46.7 70.1#
63 39.1 35.3 52.9

Instrument :
BNA_G
ClientSampleId :
PB139878BS

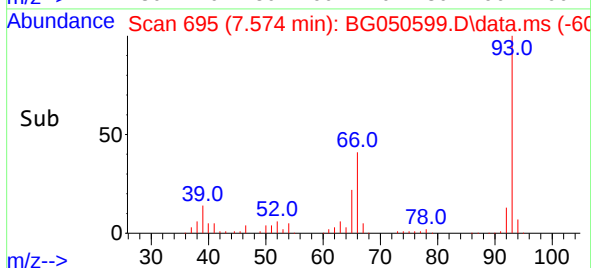
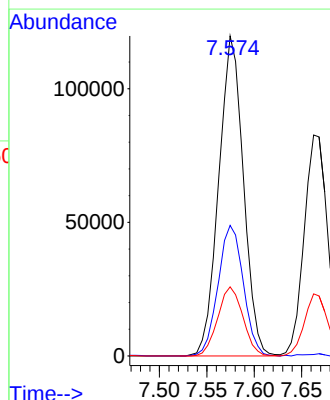
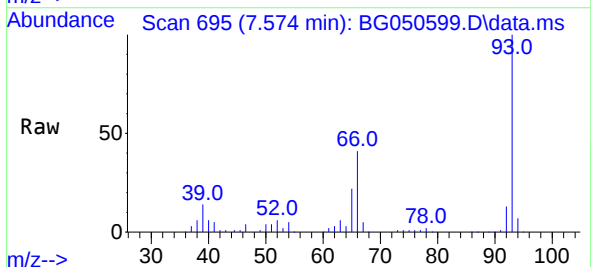
Manual Integrations
APPROVED

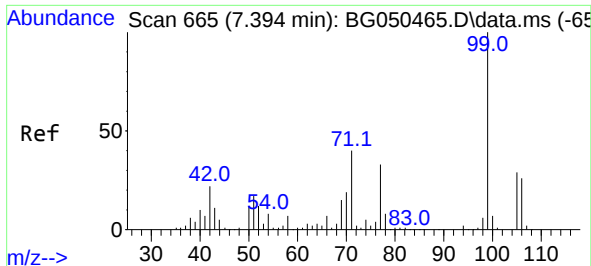
mohammad
10/18/2021 12:40:26 PM



#6
Aniline
Concen: 42.86 ng
RT: 7.574 min Scan# 695
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion: 93 Resp: 217061
Ion Ratio Lower Upper
93 100
66 40.8 30.6 45.8
65 21.6 15.0 22.4





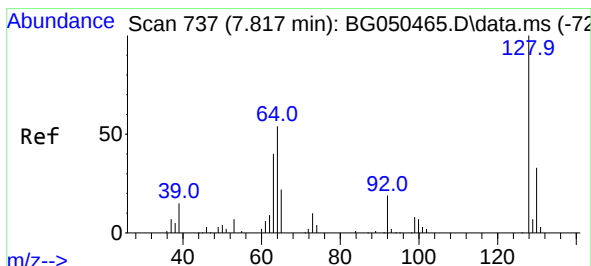
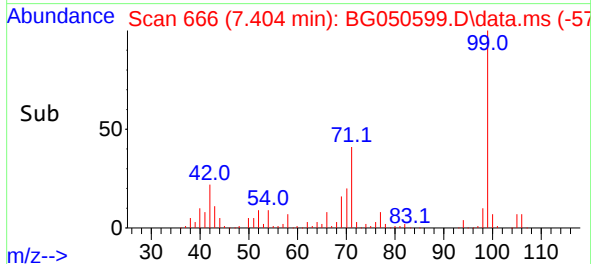
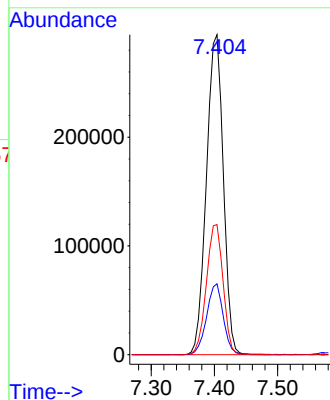
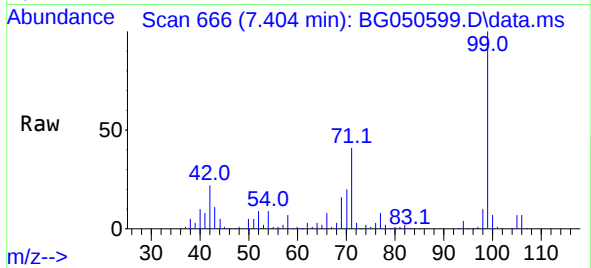
#7
Phenol-d6
Concen: 125.38 ng
RT: 7.404 min Scan# 666
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion: 99 Resp: 546477
Ion Ratio Lower Upper
99 100
42 22.2 20.5 30.7
71 40.7 41.5 62.3#

Instrument :
BNA_G
ClientSampleId :
PB139878BS

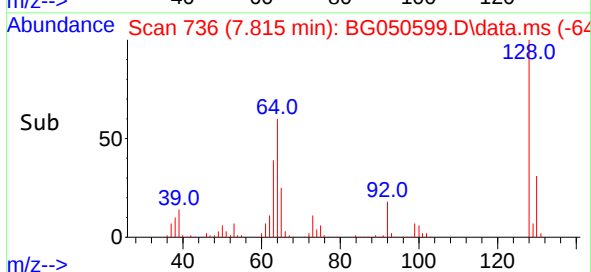
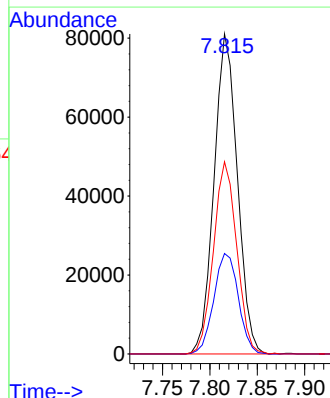
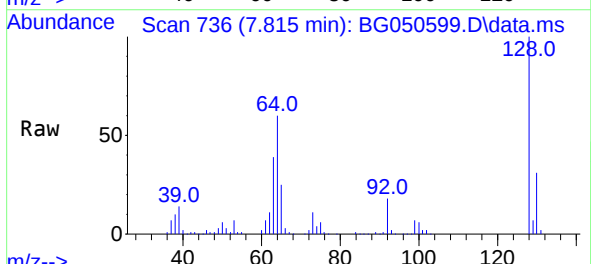
Manual Integrations
APPROVED

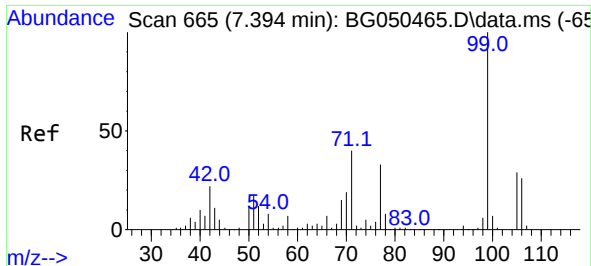
mohammad
10/18/2021 12:40:26 PM



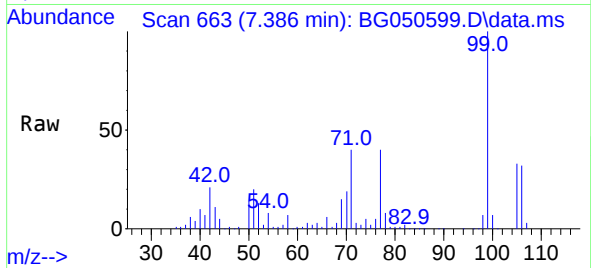
#8
2-Chlorophenol
Concen: 47.82 ng
RT: 7.815 min Scan# 736
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:128 Resp: 138614
Ion Ratio Lower Upper
128 100
130 31.4 10.0 50.0
64 60.0 28.1 68.1

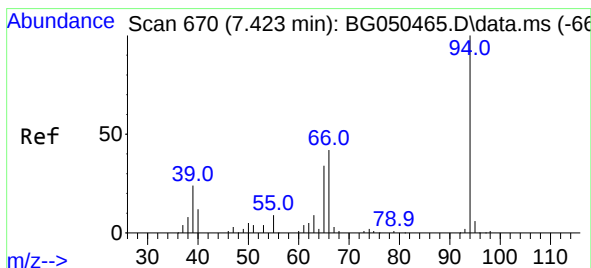
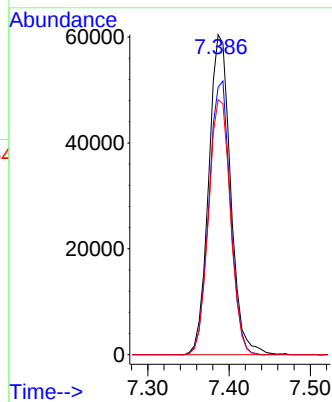
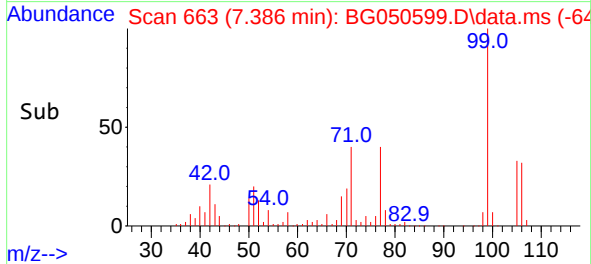




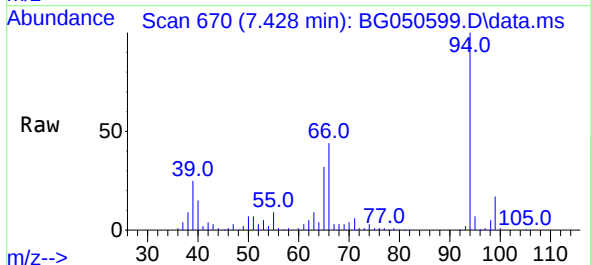
#9
Benzaldehyde
Concen: 41.25 ng
RT: 7.386 min Scan# 663
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



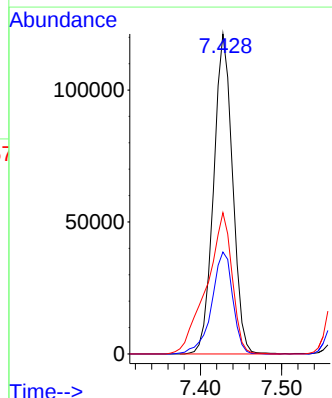
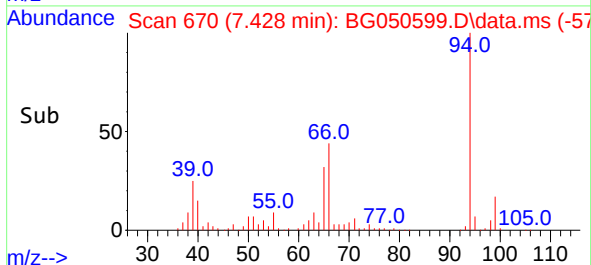
Tgt Ion: 77 Resp: 112915
Ion Ratio Lower Upper
77 100
105 83.6 68.8 108.8
106 79.6 47.9 87.9



#10
Phenol
Concen: 46.26 ng
RT: 7.428 min Scan# 670
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



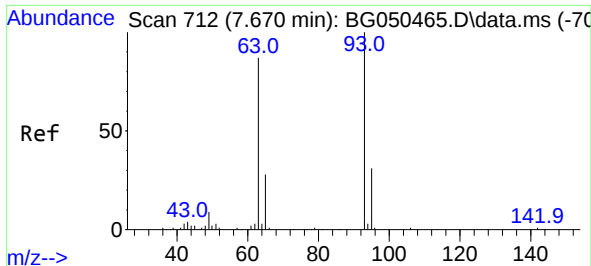
Tgt Ion: 94 Resp: 196035
Ion Ratio Lower Upper
94 100
65 31.9 12.9 52.9
66 44.2 39.4 79.4



Instrument :
BNA_G
ClientSampleId :
PB139878BS

Manual Integrations
APPROVED

mohammad
10/18/2021 12:40:26 PM



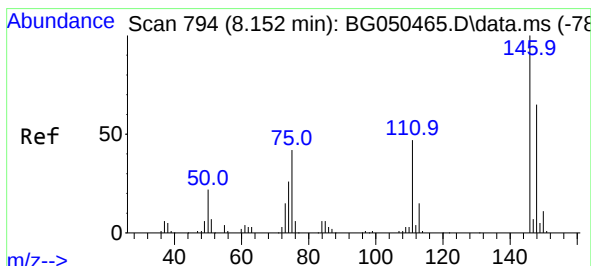
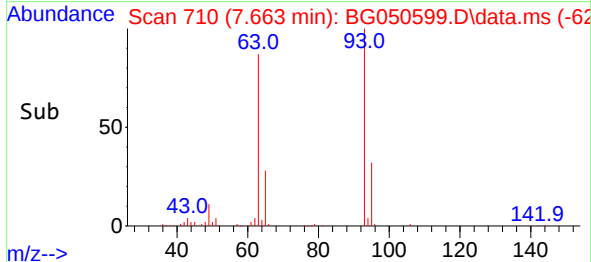
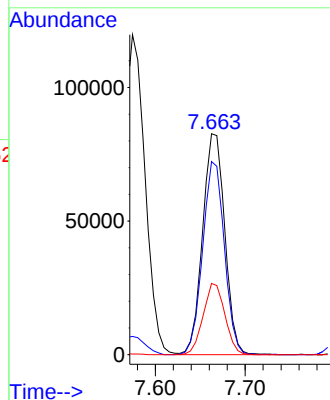
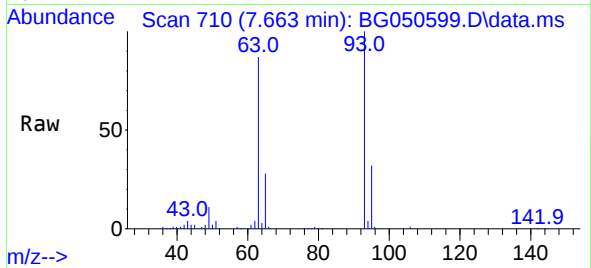
#11
bis(2-Chloroethyl)ether
Concen: 42.92 ng
RT: 7.663 min Scan# 710
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion: 93 Resp: 141960
Ion Ratio Lower Upper
93 100
63 87.4 50.4 90.4
95 32.3 15.3 55.3

Instrument :
BNA_G
ClientSampleId :
PB139878BS

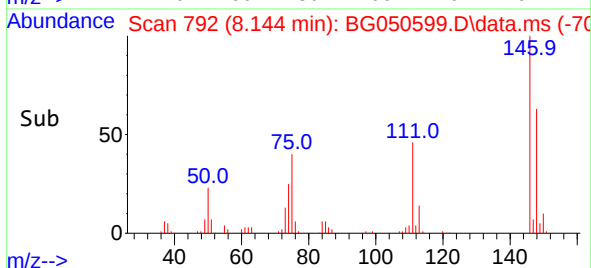
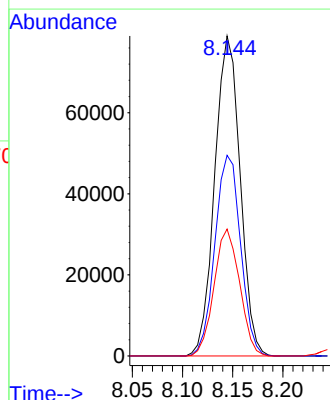
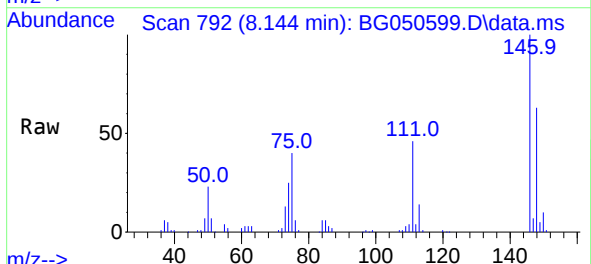
Manual Integrations
APPROVED

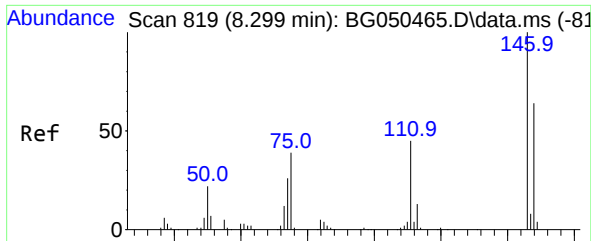
mohammad
10/18/2021 12:40:26 PM



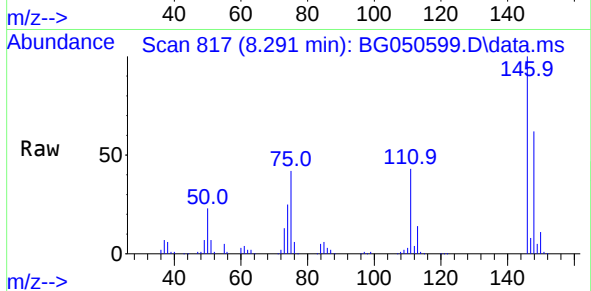
#12
1,3-Dichlorobenzene
Concen: 41.51 ng
RT: 8.144 min Scan# 792
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion: 146 Resp: 138887
Ion Ratio Lower Upper
146 100
148 62.7 52.6 78.8
75 39.6 35.7 53.5

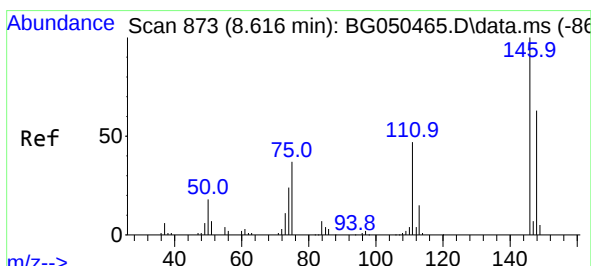
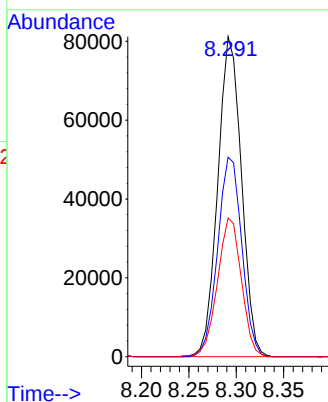
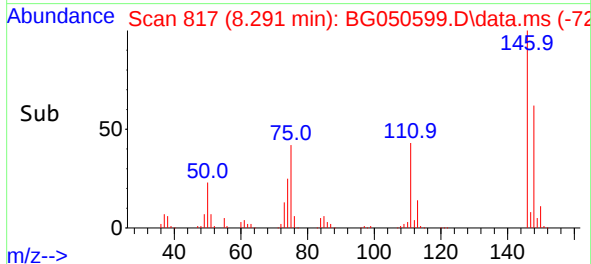




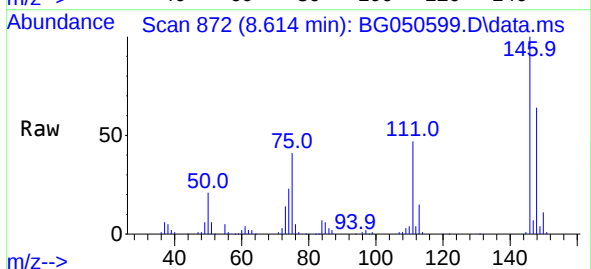
#13
1,4-Dichlorobenzene
Concen: 41.77 ng
RT: 8.291 min Scan# 817
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



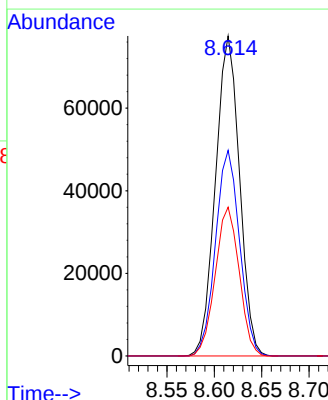
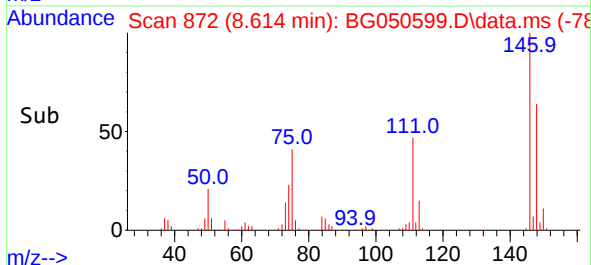
Tgt Ion:146 Resp: 140908
Ion Ratio Lower Upper
146 100
148 62.4 54.0 81.0
111 43.4 34.3 51.5



#14
1,2-Dichlorobenzene
Concen: 42.41 ng
RT: 8.614 min Scan# 872
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



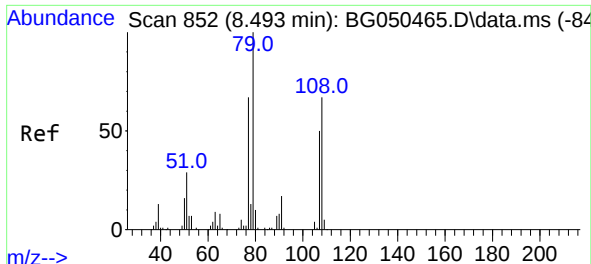
Tgt Ion:146 Resp: 136654
Ion Ratio Lower Upper
146 100
148 64.3 47.5 71.3
111 46.5 39.1 58.7



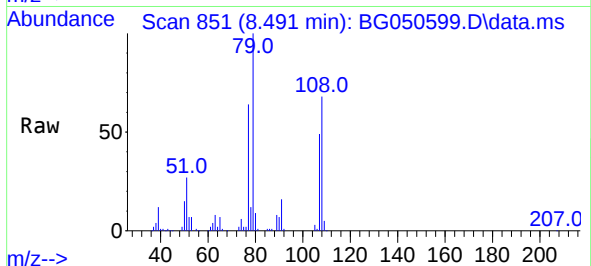
Instrument :
BNA_G
ClientSampleId :
PB139878BS

Manual Integrations
APPROVED

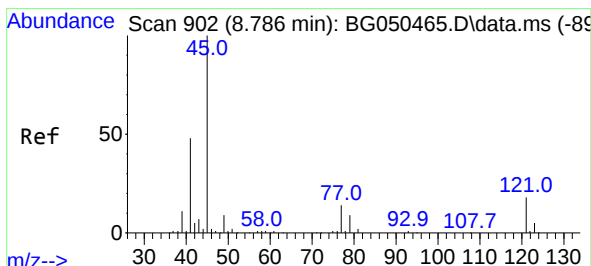
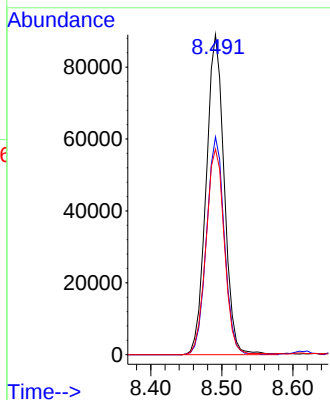
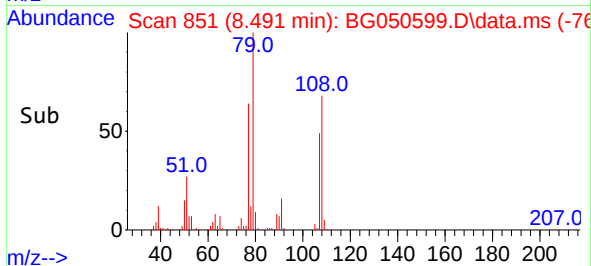
mohammad
10/18/2021 12:40:26 PM



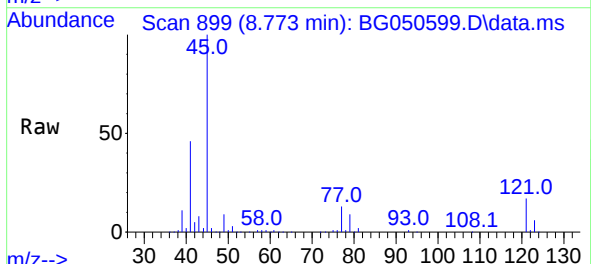
#15
Benzyl Alcohol
Concen: 45.62 ng
RT: 8.491 min Scan# 851
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



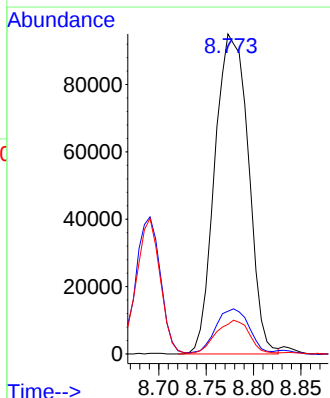
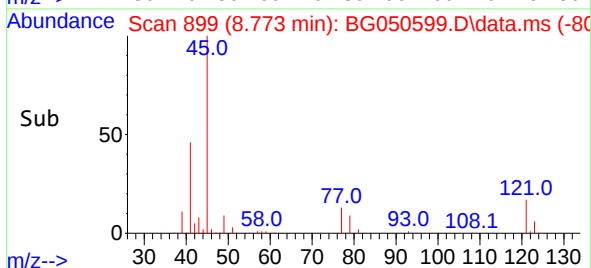
Tgt Ion: 79 Resp: 157135
Ion Ratio Lower Upper
79 100
108 68.0 48.2 72.4
77 64.2 57.3 85.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.36 ng
RT: 8.773 min Scan# 899
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



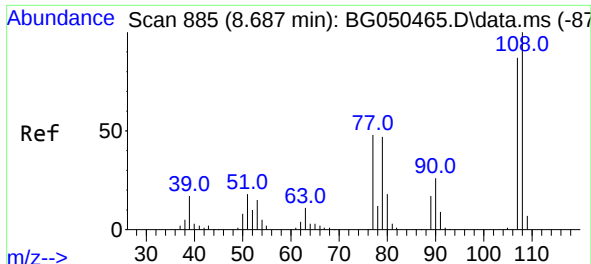
Tgt Ion: 45 Resp: 233906
Ion Ratio Lower Upper
45 100
77 13.4 2.2 42.2
79 9.2 0.0 34.3



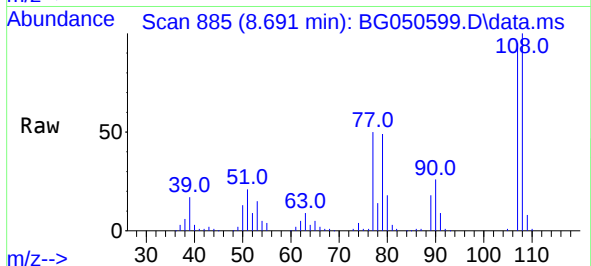
Instrument :
BNA_G
ClientSampleId :
PB139878BS

Manual Integrations
APPROVED

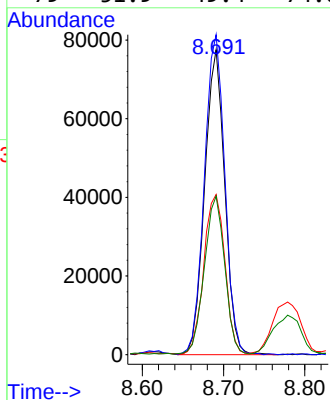
mohammad
10/18/2021 12:40:26 PM



#17
2-Methylphenol
Concen: 47.67 ng
RT: 8.691 min Scan# 885
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



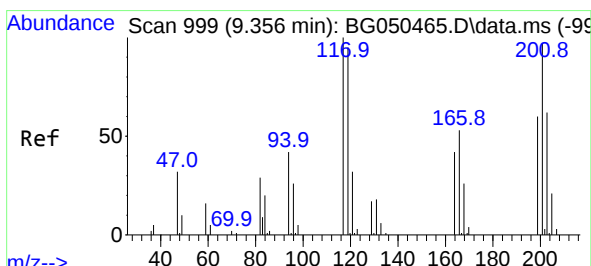
Tgt Ion:	107	Resp:	132917
Ion	Ratio	Lower	Upper
107	100		
108	104.9	84.6	127.0
77	52.5	50.7	76.1
79	51.9	49.4	74.0



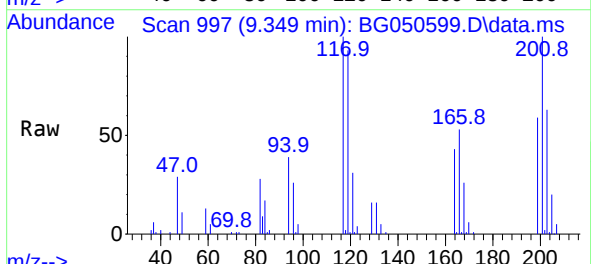
Instrument :
BNA_G
ClientSampleId :
PB139878BS

Manual Integrations
APPROVED

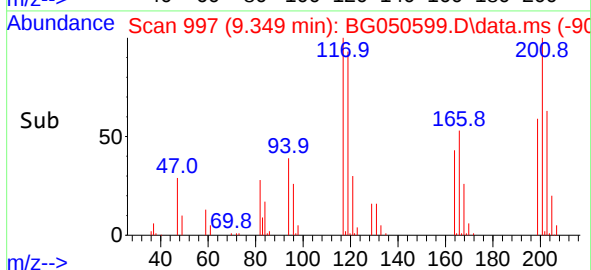
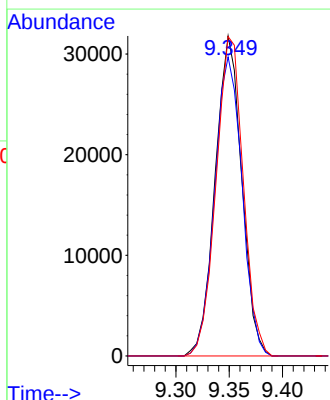
mohammad
10/18/2021 12:40:26 PM

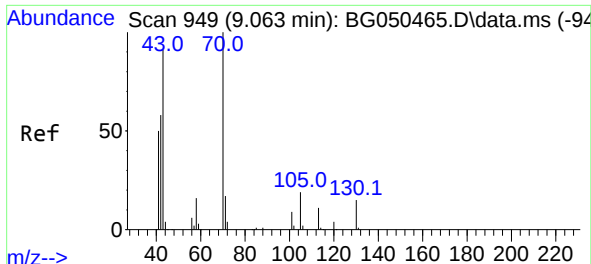


#18
Hexachloroethane
Concen: 43.12 ng
RT: 9.349 min Scan# 997
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



Tgt Ion:	117	Resp:	55042
Ion	Ratio	Lower	Upper
117	100		
119	93.5	74.4	111.6
201	99.8	88.6	133.0





#19
n-Nitroso-di-n-propylamine
Concen: 42.47 ng
RT: 9.061 min Scan# 948
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

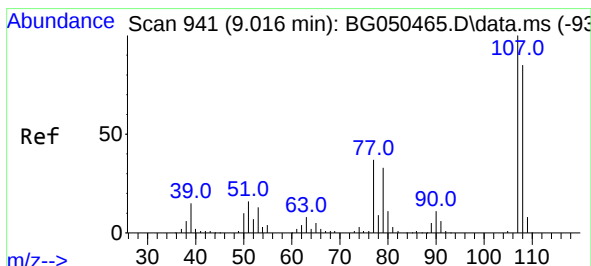
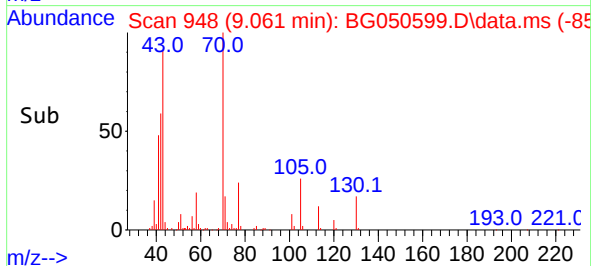
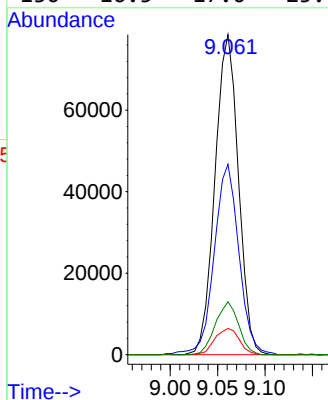
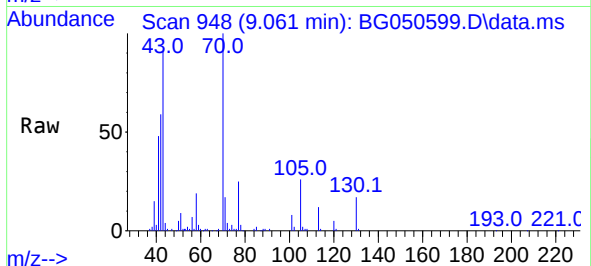
Tgt Ion: 70 Resp: 134918

Ion	Ratio	Lower	Upper
70	100		
42	59.5	54.5	81.7
101	8.2	9.0	13.6#
130	16.5	17.0	25.6#

Instrument :
BNA_G
ClientSampleId :
PB139878BS

Manual Integrations
APPROVED

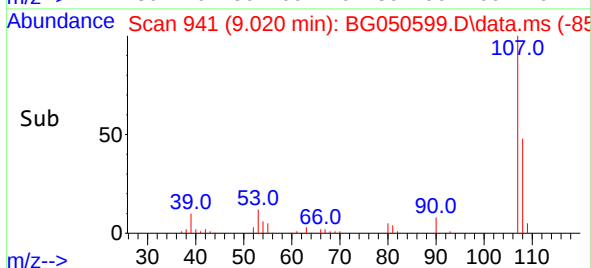
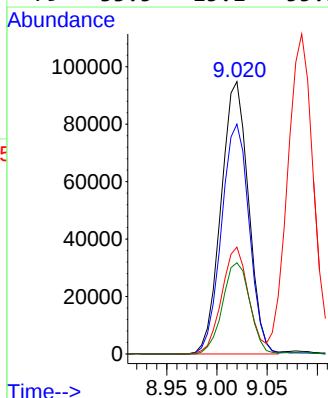
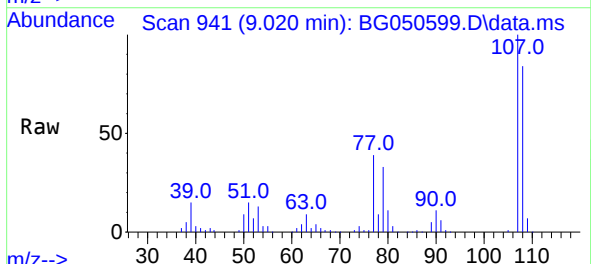
mohammad
10/18/2021 12:40:26 PM

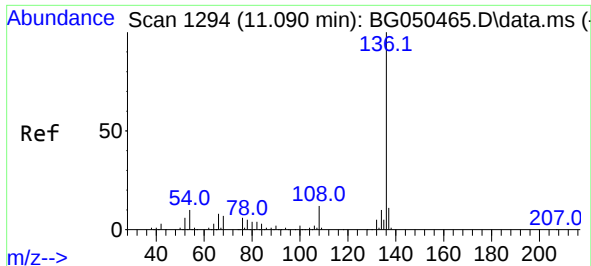


#20
3+4-Methylphenols
Concen: 45.98 ng
RT: 9.020 min Scan# 941
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion: 107 Resp: 180471

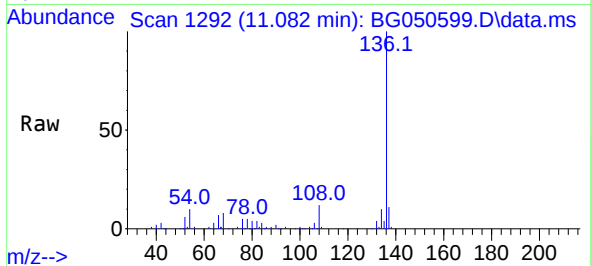
Ion	Ratio	Lower	Upper
107	100		
108	84.4	69.3	109.3
77	39.3	25.2	65.2
79	33.5	15.1	55.1





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.082 min Scan# 1292
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

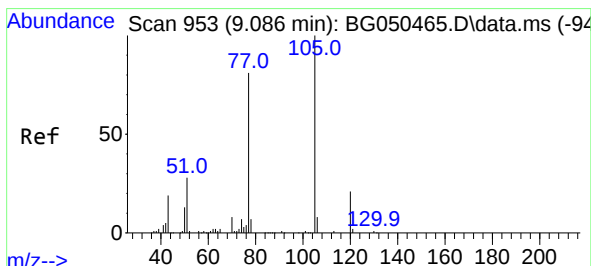
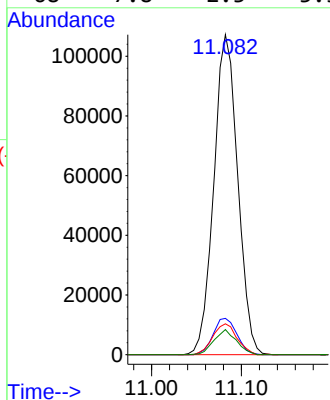
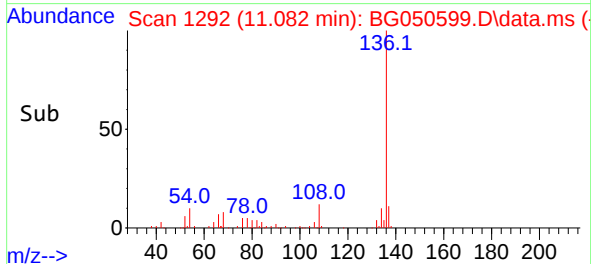
Instrument :
BNA_G
ClientSampleId :
PB139878BS



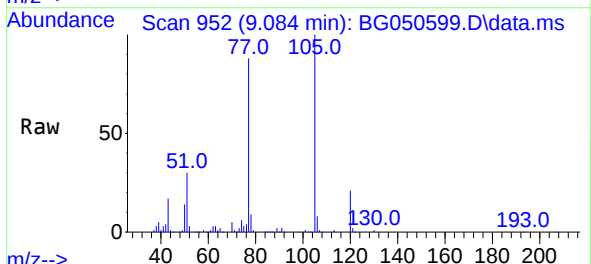
Tgt Ion:136 Resp: 197988
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 9.7 5.5 8.3#
68 7.8 2.3 3.5#

Manual Integrations
APPROVED

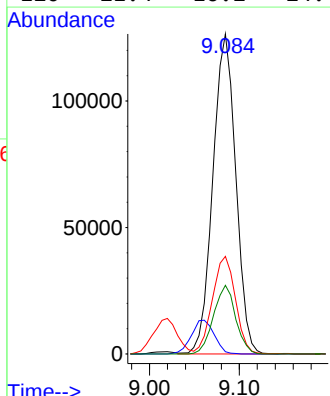
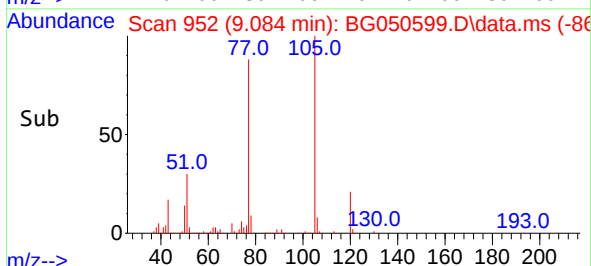
mohammad
10/18/2021 12:40:26 PM

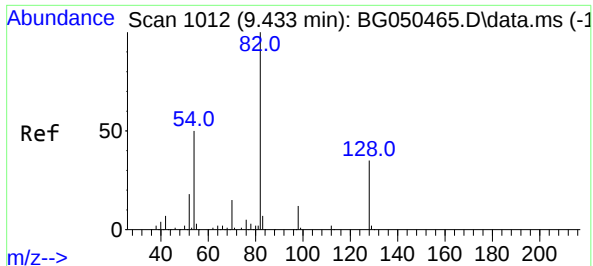


#22
Acetophenone
Concen: 39.77 ng
RT: 9.084 min Scan# 952
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



Tgt Ion:105 Resp: 223871
Ion Ratio Lower Upper
105 100
71 0.7 0.6 0.8
51 30.5 26.6 40.0
120 21.4 16.2 24.4





#23
Nitrobenzene-d5
Concen: 78.94 ng
RT: 9.431 min Scan# 1011
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

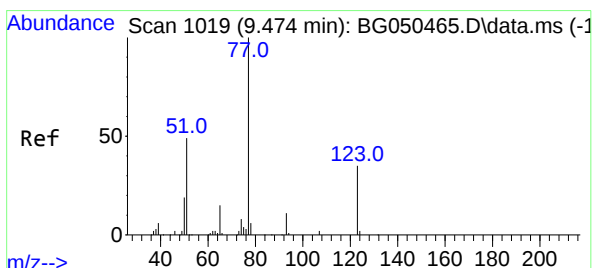
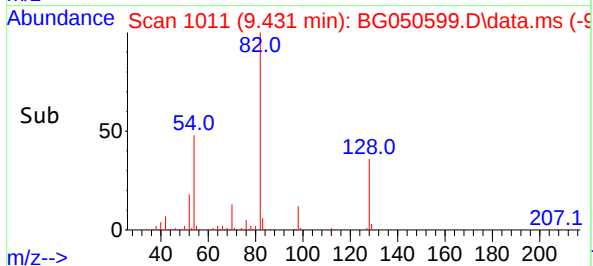
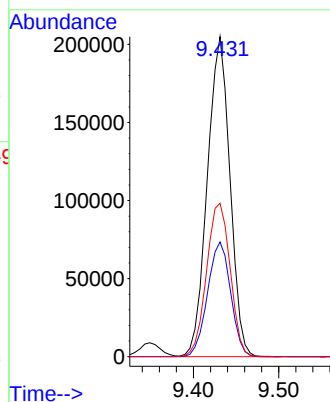
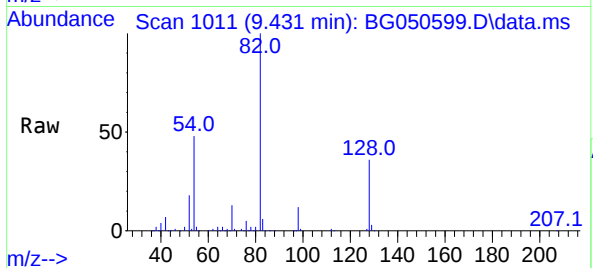
Tgt Ion: 82 Resp: 377573

Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.8	44.6
54	48.0	45.8	68.8

Instrument :
BNA_G
ClientSampleId :
PB139878BS

Manual Integrations
APPROVED

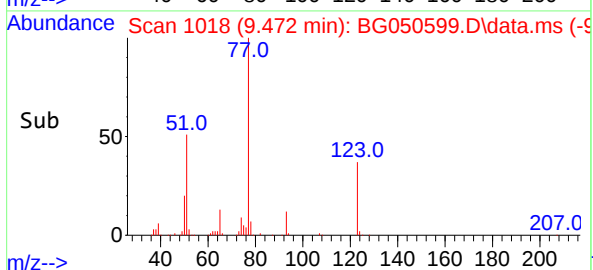
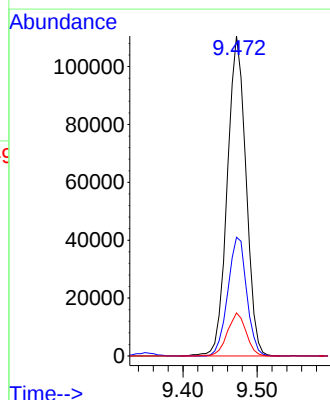
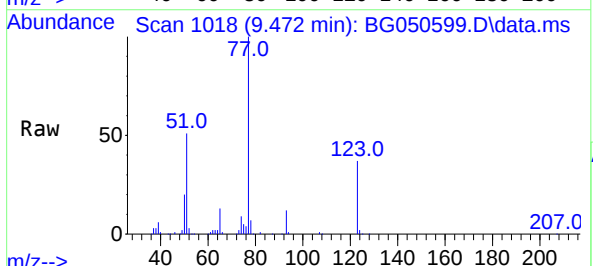
mohammad
10/18/2021 12:40:26 PM

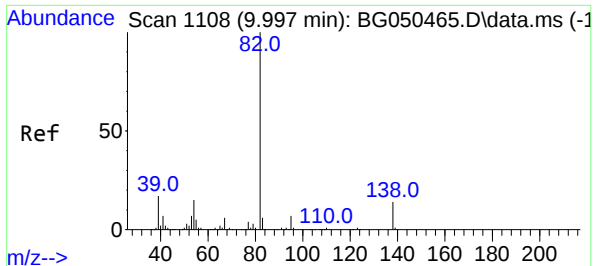


#24
Nitrobenzene
Concen: 40.61 ng
RT: 9.472 min Scan# 1018
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion: 77 Resp: 193135

Ion	Ratio	Lower	Upper
77	100		
123	37.1	27.5	41.3
65	13.5	12.6	18.8





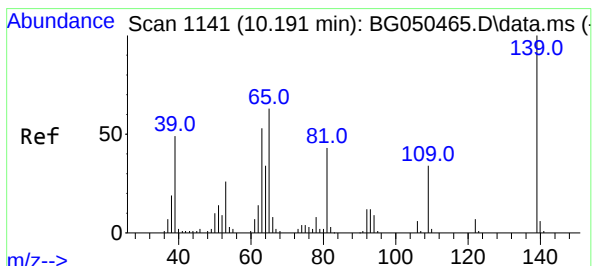
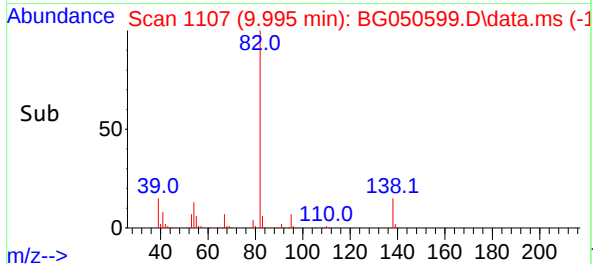
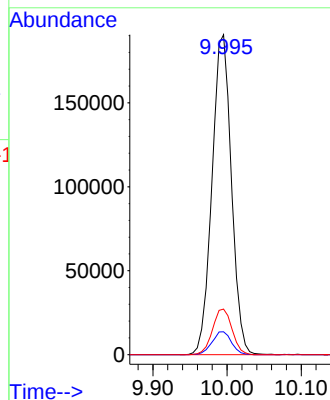
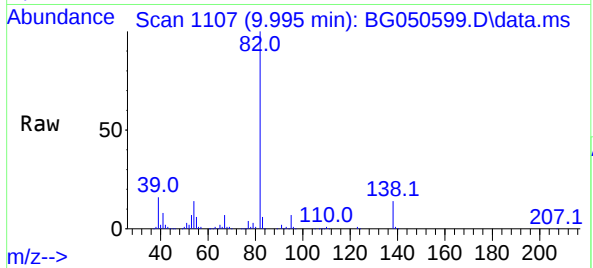
#25
Isophorone
Concen: 40.75 ng
RT: 9.995 min Scan# 1107
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion: 82 Resp: 345712
Ion Ratio Lower Upper
82 100
95 7.2 8.5 12.7#
138 14.3 11.8 17.6

Instrument :
BNA_G
ClientSampleId :
PB139878BS

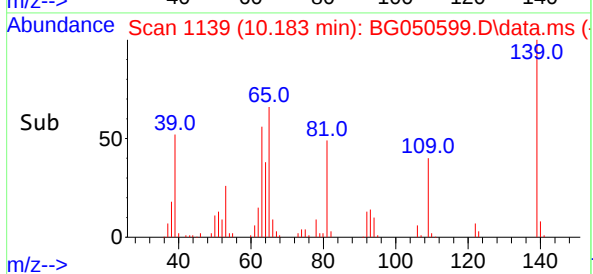
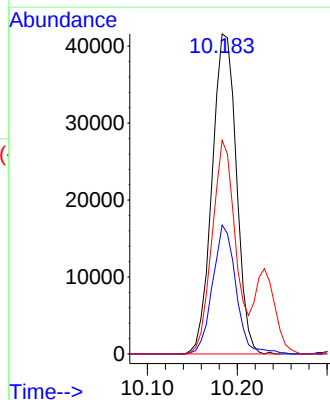
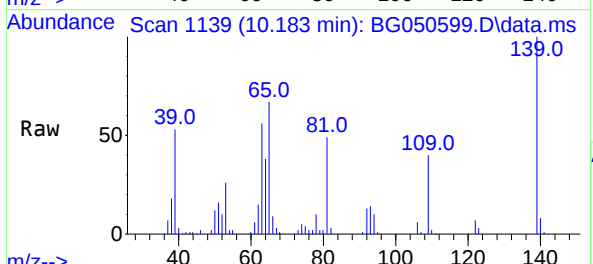
Manual Integrations
APPROVED

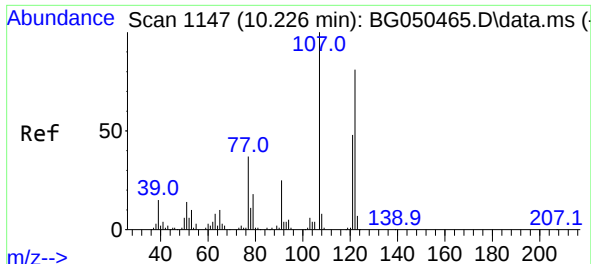
mohammad
10/18/2021 12:40:26 PM



#26
2-Nitrophenol
Concen: 44.71 ng
RT: 10.183 min Scan# 1139
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

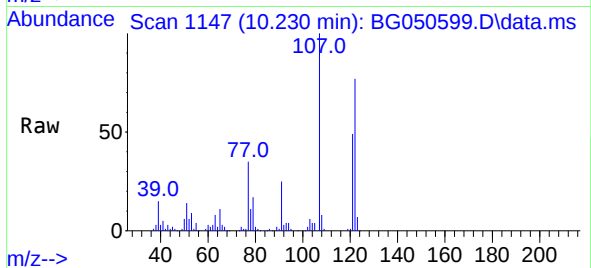
Tgt Ion: 139 Resp: 78068
Ion Ratio Lower Upper
139 100
109 40.3 37.8 56.6
65 66.8 51.8 77.8





#27
2,4-Dimethylphenol
Concen: 47.22 ng
RT: 10.230 min Scan# 1147
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

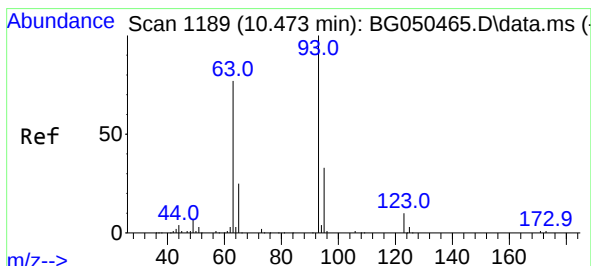
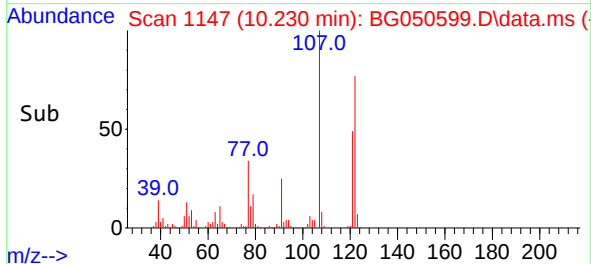
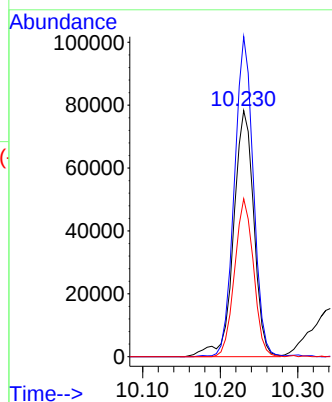
Instrument :
BNA_G
ClientSampleId :
PB139878BS



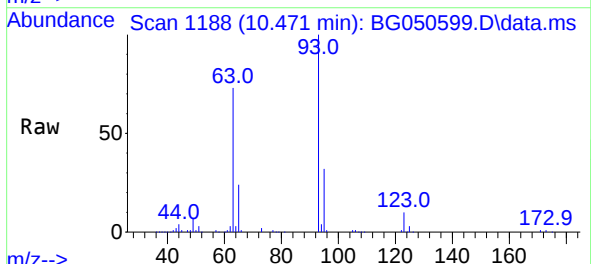
Tgt Ion:122 Resp: 142473
Ion Ratio Lower Upper
122 100
107 130.0 110.1 165.1
121 64.2 49.0 73.6

Manual Integrations
APPROVED

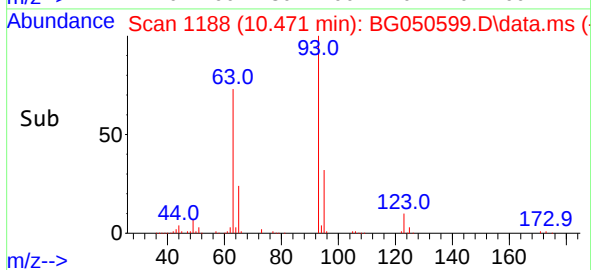
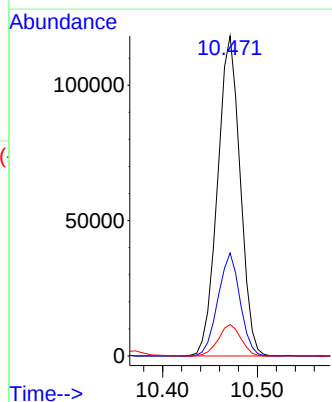
mohammad
10/18/2021 12:40:26 PM

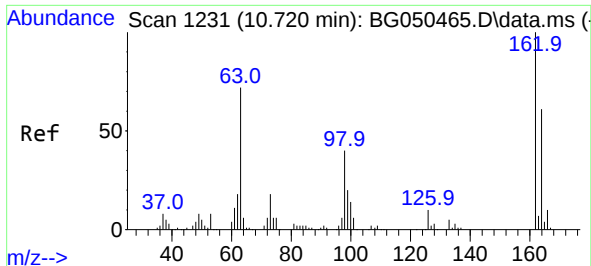


#28
bis(2-Chloroethoxy)methane
Concen: 40.41 ng
RT: 10.471 min Scan# 1188
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



Tgt Ion: 93 Resp: 196031
Ion Ratio Lower Upper
93 100
95 32.1 22.2 33.4
123 9.8 8.8 13.2





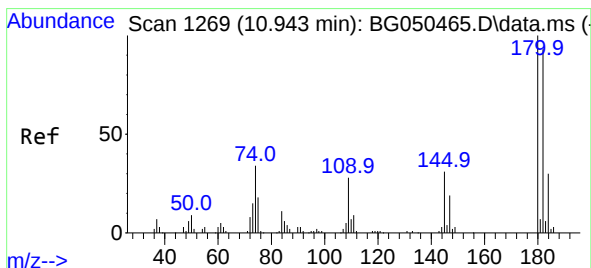
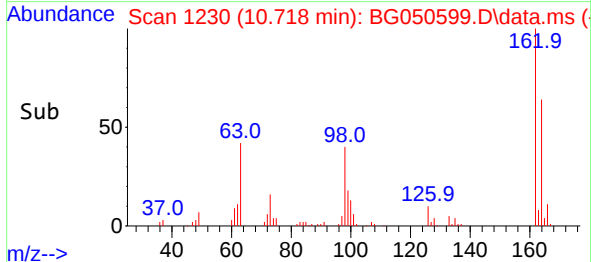
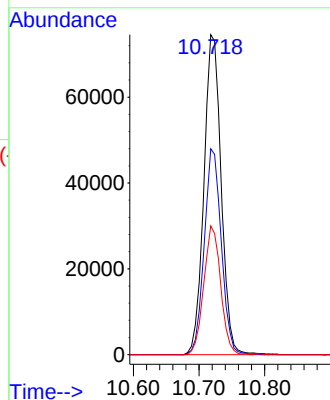
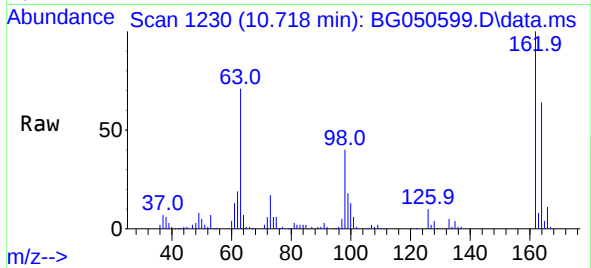
#29
2,4-Dichlorophenol
Concen: 44.44 ng
RT: 10.718 min Scan# 1230
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:162 Resp: 136664
Ion Ratio Lower Upper
162 100
164 64.4 39.4 79.4
98 40.3 18.7 58.7

Instrument :
BNA_G
ClientSampleId :
PB139878BS

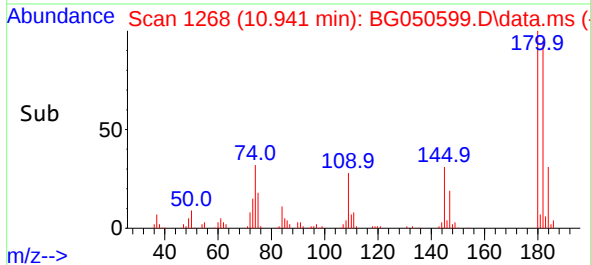
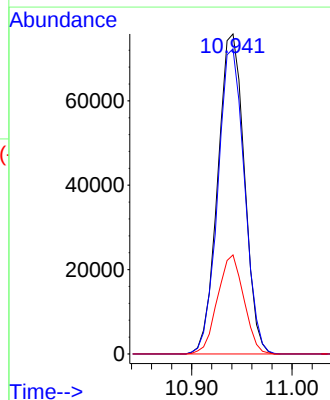
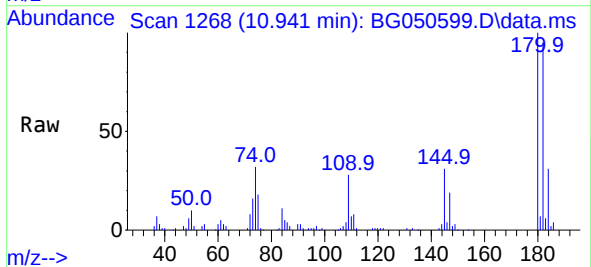
Manual Integrations
APPROVED

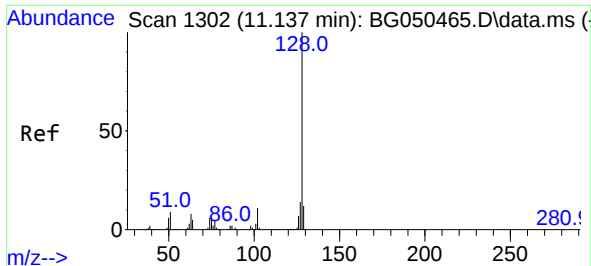
mohammad
10/18/2021 12:40:26 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.95 ng
RT: 10.941 min Scan# 1268
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:180 Resp: 139561
Ion Ratio Lower Upper
180 100
182 95.3 78.9 118.3
145 31.0 26.2 39.4





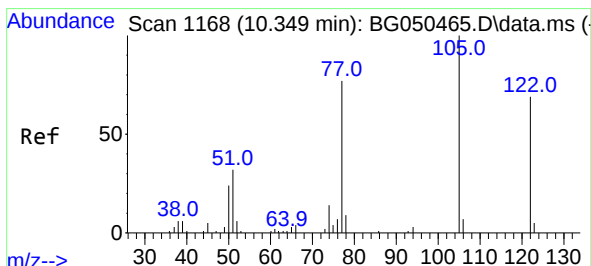
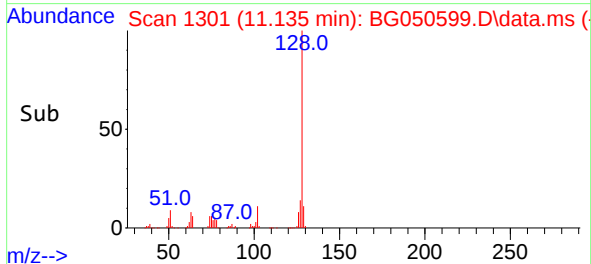
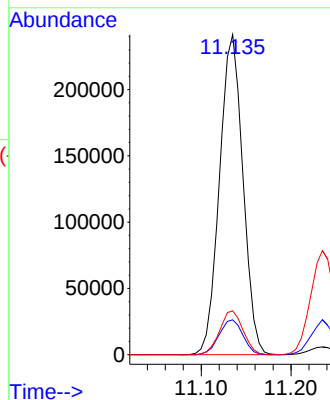
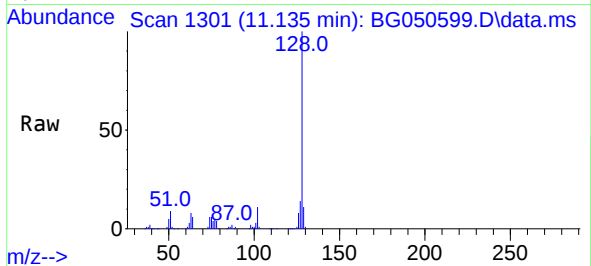
#31
Naphthalene
Concen: 41.16 ng
RT: 11.135 min Scan# 1301
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:128 Resp: 436251
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.7 10.2 15.4

Instrument :
BNA_G
ClientSampleId :
PB139878BS

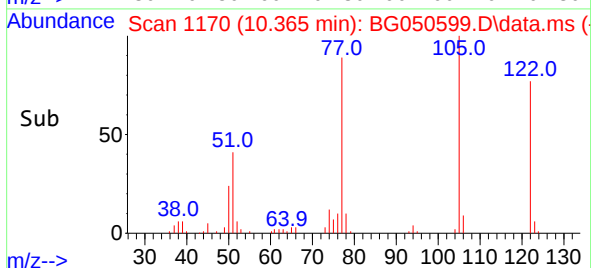
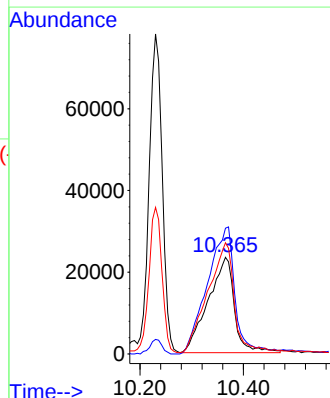
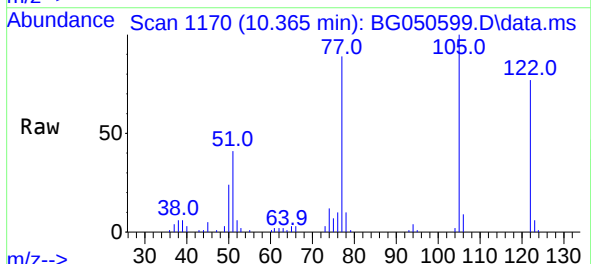
Manual Integrations
APPROVED

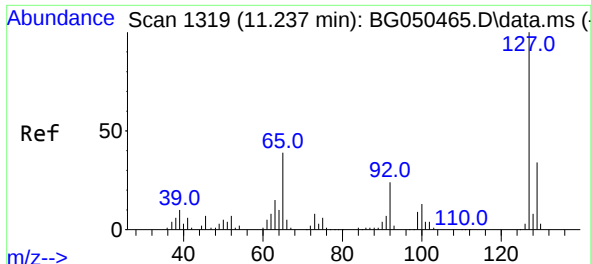
mohammad
10/18/2021 12:40:26 PM



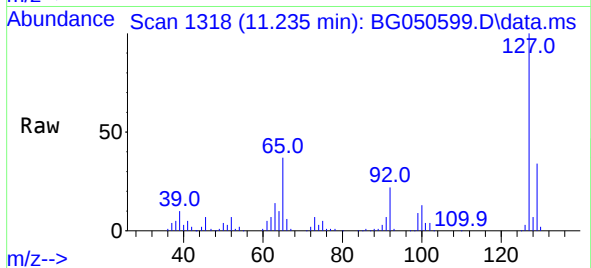
#32
Benzoic acid
Concen: 36.79 ng
RT: 10.365 min Scan# 1170
Delta R.T. 0.009 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:122 Resp: 82381
Ion Ratio Lower Upper
122 100
105 130.1 92.3 132.3
77 115.1 66.5 106.5#

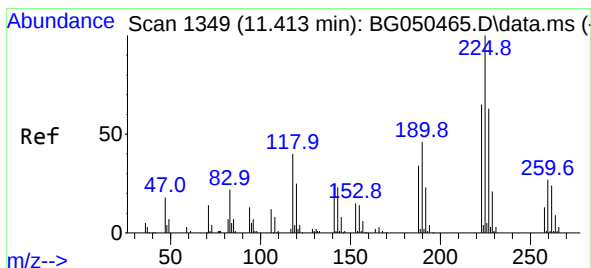
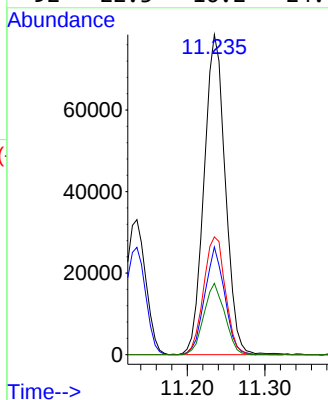
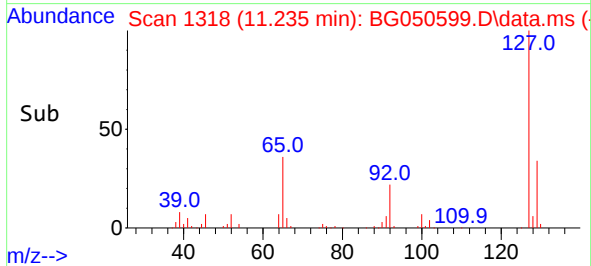




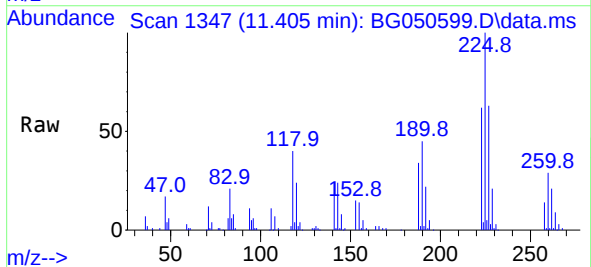
#33
4-Chloroaniline
Concen: 33.58 ng
RT: 11.235 min Scan# 1318
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



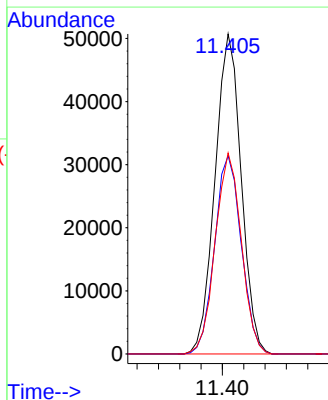
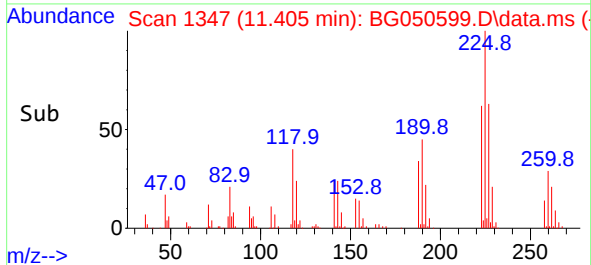
Tgt Ion:	127	Resp:	149304
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.7	40.1
65	36.8	32.8	49.2
92	22.3	16.2	24.4



#34
Hexachlorobutadiene
Concen: 39.46 ng
RT: 11.405 min Scan# 1347
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



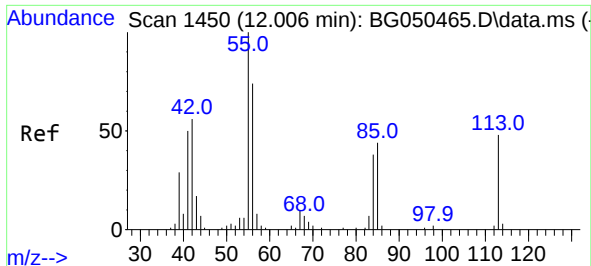
Tgt Ion:	225	Resp:	86535
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.8	74.8
227	62.8	46.4	69.6



Instrument :
BNA_G
ClientSampleId :
PB139878BS

Manual Integrations
APPROVED

mohammad
10/18/2021 12:40:26 PM



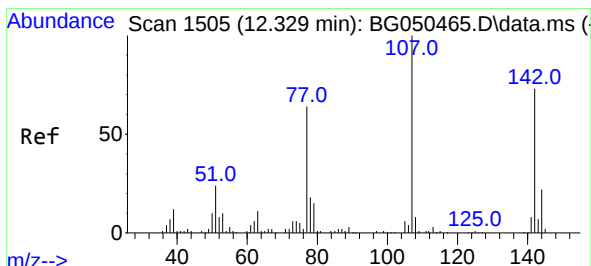
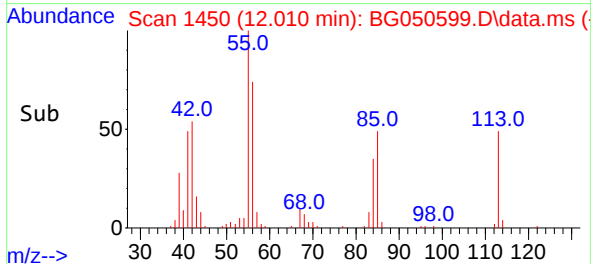
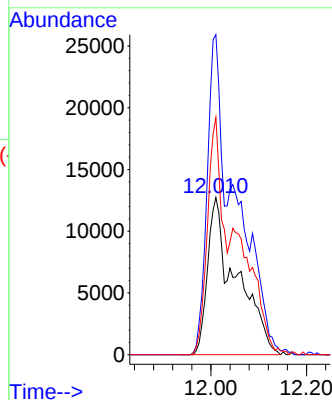
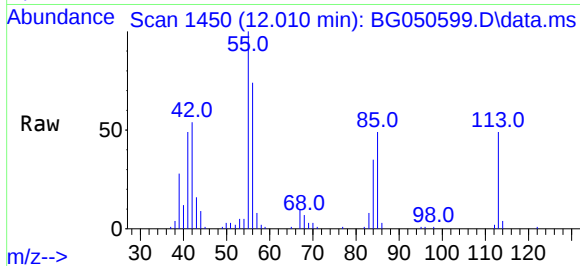
#35
Caprolactam
Concen: 45.21 ng m
RT: 12.010 min Scan# 1450
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:113 Resp: 53209
Ion Ratio Lower Upper
113 100
55 203.7 113.8 153.8#
56 151.0 105.6 145.6#

Instrument :
BNA_G
ClientSampleId :
PB139878BS

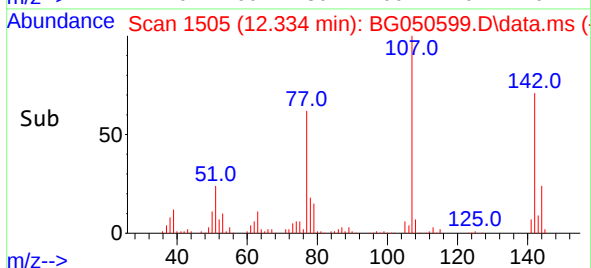
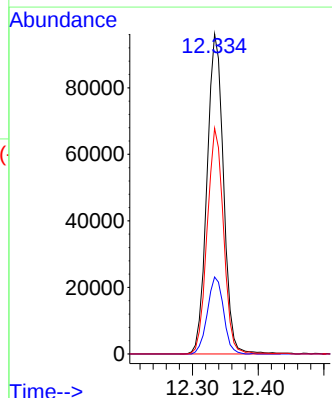
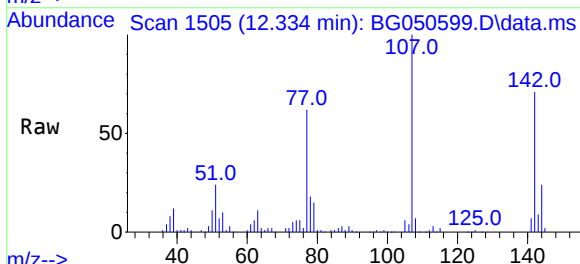
Manual Integrations
APPROVED

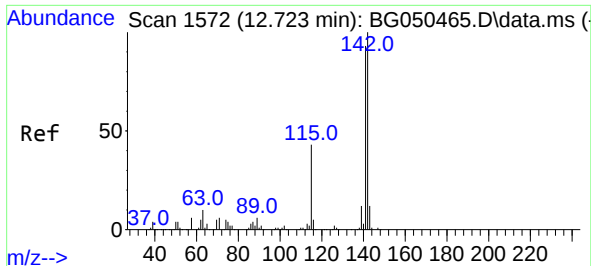
mohammad
10/18/2021 12:40:26 PM



#36
4-Chloro-3-methylphenol
Concen: 43.78 ng
RT: 12.334 min Scan# 1505
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:107 Resp: 168262
Ion Ratio Lower Upper
107 100
144 24.0 24.8 37.2#
142 70.6 62.2 93.4





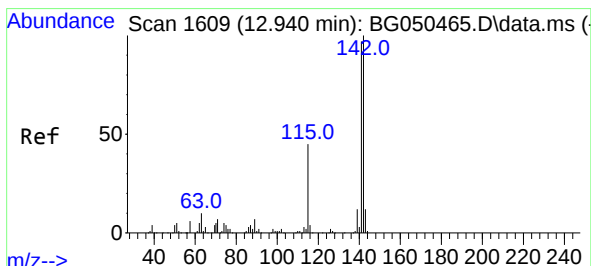
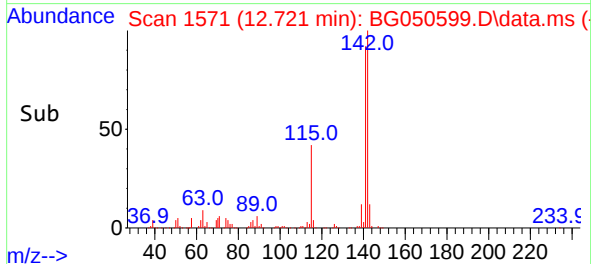
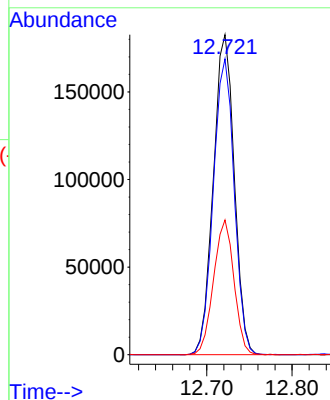
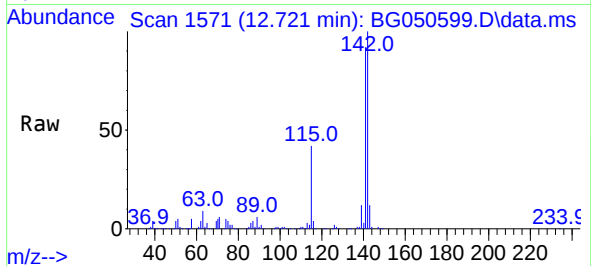
#37
2-Methylnaphthalene
Concen: 42.66 ng
RT: 12.721 min Scan# 1571
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:142 Resp: 311957
Ion Ratio Lower Upper
142 100
141 92.5 68.8 103.2
115 42.1 36.4 54.6

Instrument :
BNA_G
ClientSampleId :
PB139878BS

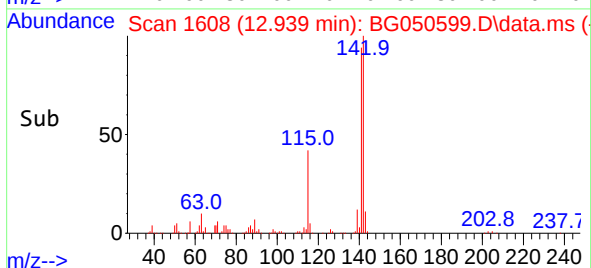
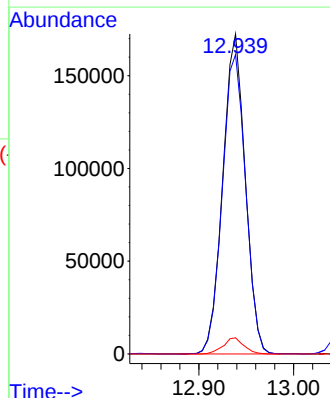
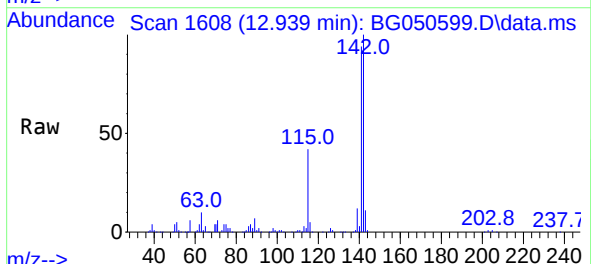
Manual Integrations
APPROVED

mohammad
10/18/2021 12:40:26 PM



#38
1-Methylnaphthalene
Concen: 40.08 ng
RT: 12.939 min Scan# 1608
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

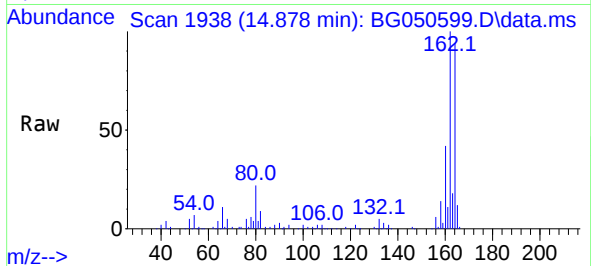
Tgt Ion:142 Resp: 284184
Ion Ratio Lower Upper
142 100
141 93.5 70.6 106.0
116 5.1 4.0 6.0





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.878 min Scan# 1938
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

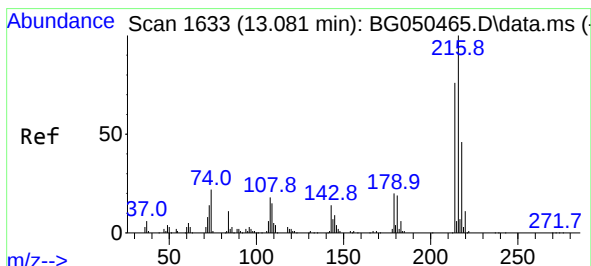
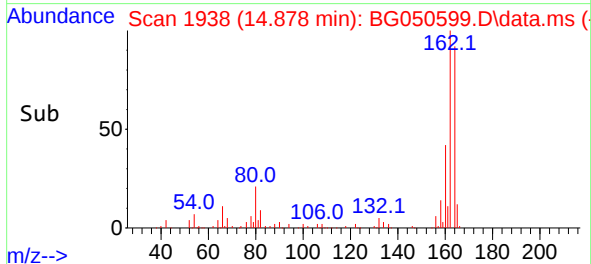
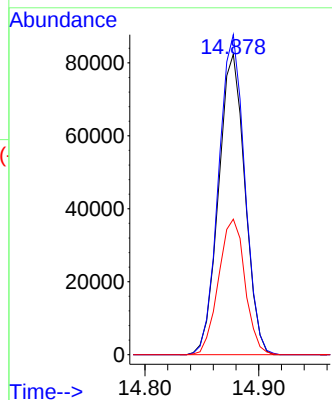
Instrument :
BNA_G
ClientSampleId :
PB139878BS



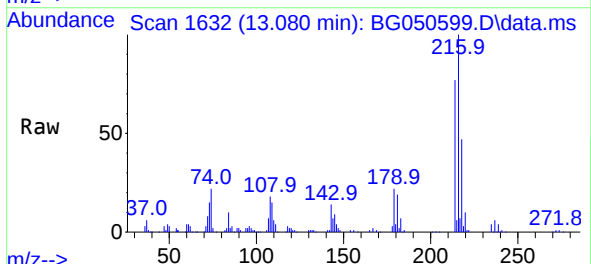
Tgt Ion:164 Resp: 132484
Ion Ratio Lower Upper
164 100
162 106.5 81.4 122.0
160 45.1 34.9 52.3

Manual Integrations
APPROVED

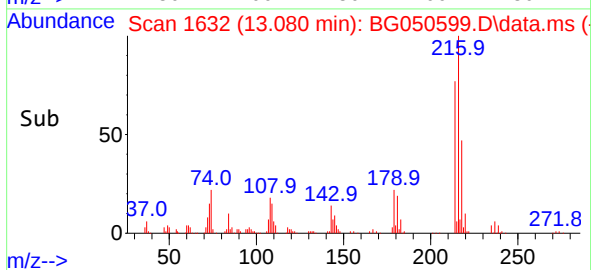
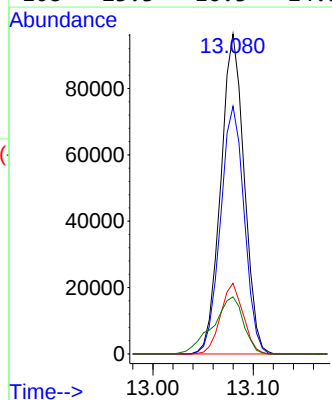
mohammad
10/18/2021 12:40:26 PM

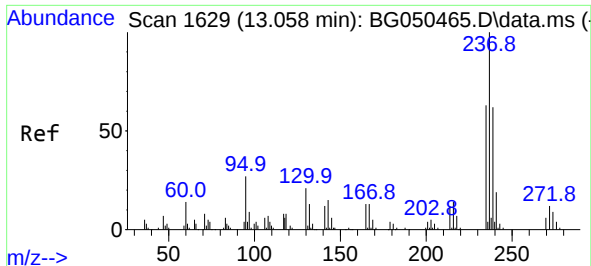


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.91 ng
RT: 13.080 min Scan# 1632
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



Tgt Ion:216 Resp: 156159
Ion Ratio Lower Upper
216 100
214 78.4 61.4 92.2
179 21.3 17.3 25.9
108 23.3 16.3 24.5





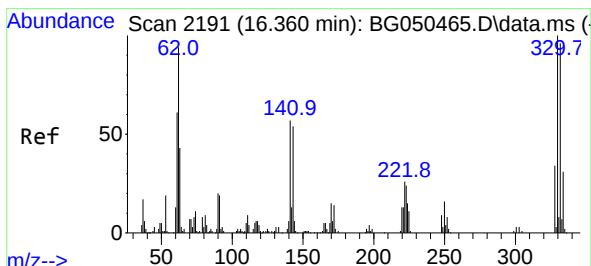
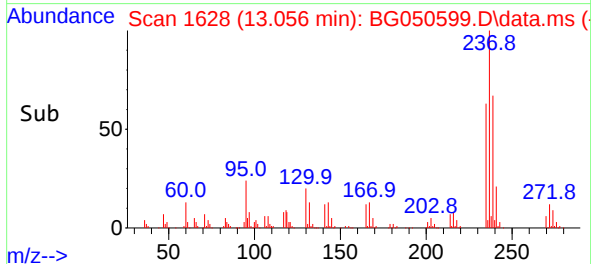
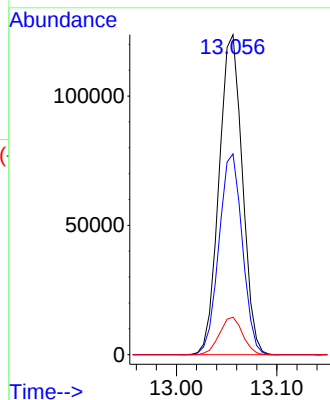
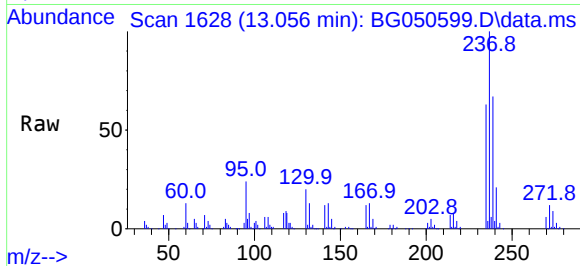
#41
Hexachlorocyclopentadiene
Concen: 88.14 ng
RT: 13.056 min Scan# 1628
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:237 Resp: 199295
Ion Ratio Lower Upper
237 100
235 62.8 36.6 76.6
272 11.7 0.0 32.5

Instrument :
BNA_G
ClientSampleId :
PB139878BS

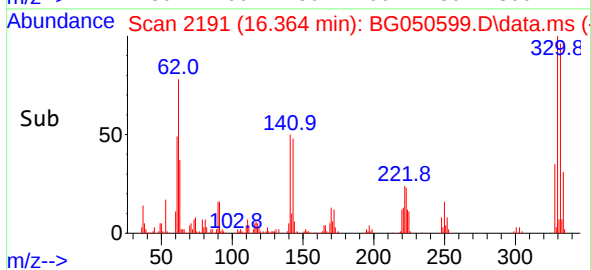
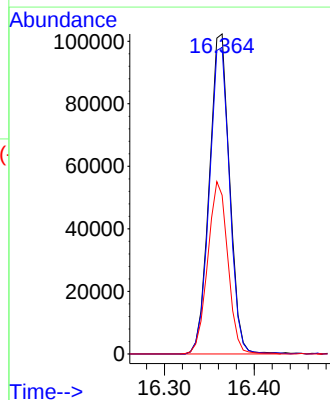
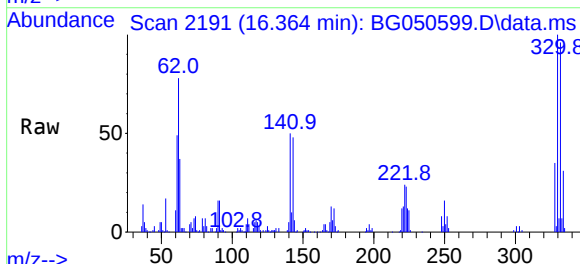
Manual Integrations
APPROVED

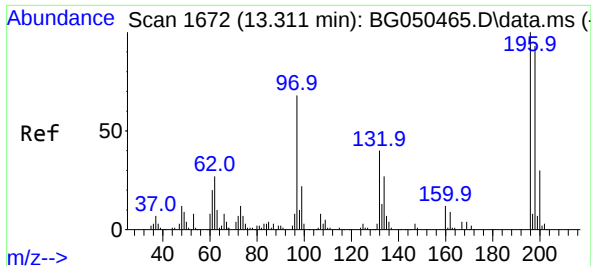
mohammad
10/18/2021 12:40:26 PM



#42
2,4,6-Tribromophenol
Concen: 126.94 ng
RT: 16.364 min Scan# 2191
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:330 Resp: 160406
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 53.5 35.6 53.4#





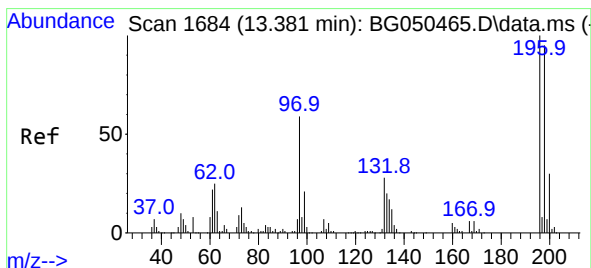
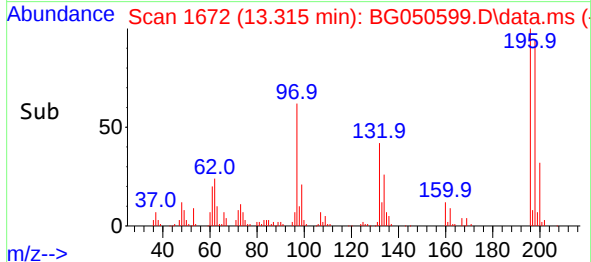
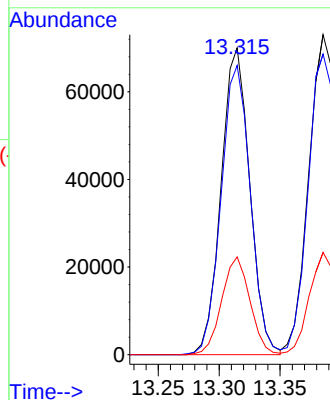
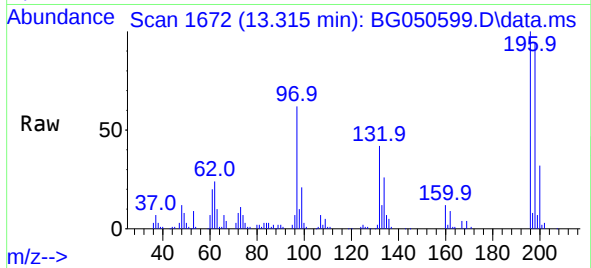
#43
2,4,6-Trichlorophenol
Concen: 41.64 ng
RT: 13.315 min Scan# 1672
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:196 Resp: 114798
Ion Ratio Lower Upper
196 100
198 94.3 82.1 123.1
200 31.8 23.8 35.8

Instrument :
BNA_G
ClientSampleId :
PB139878BS

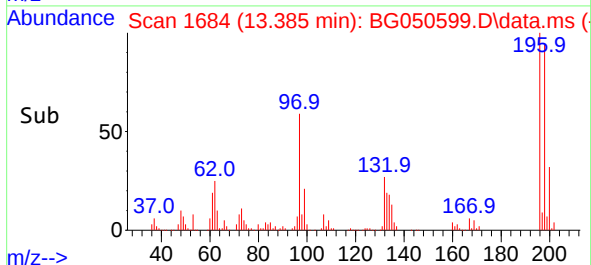
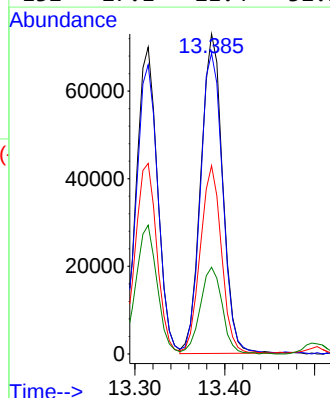
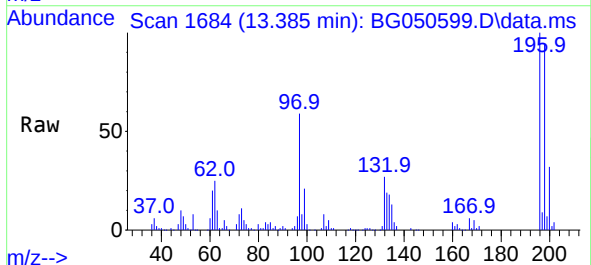
Manual Integrations
APPROVED

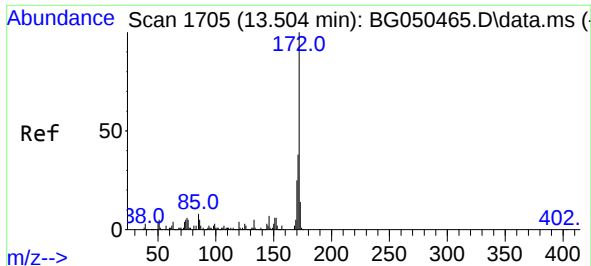
mohammad
10/18/2021 12:40:26 PM



#44
2,4,5-Trichlorophenol
Concen: 42.58 ng
RT: 13.385 min Scan# 1684
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:196 Resp: 122742
Ion Ratio Lower Upper
196 100
198 94.0 87.4 131.0
97 58.8 43.3 64.9
132 27.1 21.4 32.2





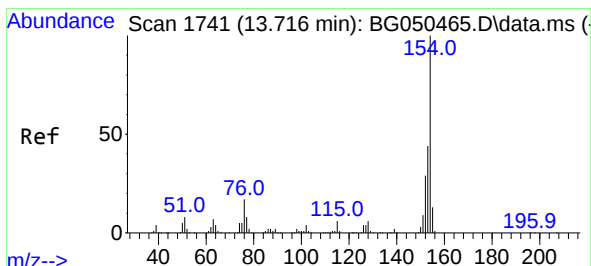
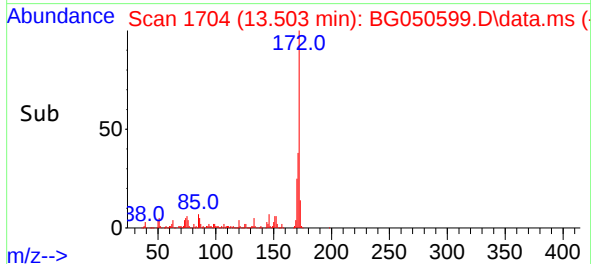
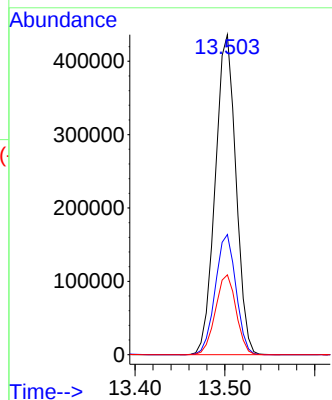
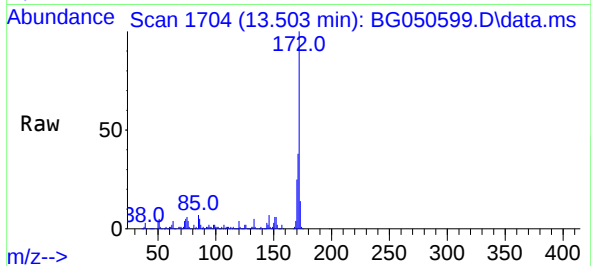
#45
2-Fluorobiphenyl
Concen: 79.17 ng
RT: 13.503 min Scan# 1704
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:172 Resp: 696912
Ion Ratio Lower Upper
172 100
171 37.6 28.6 43.0
170 25.0 18.6 27.8

Instrument :
BNA_G
ClientSampleId :
PB139878BS

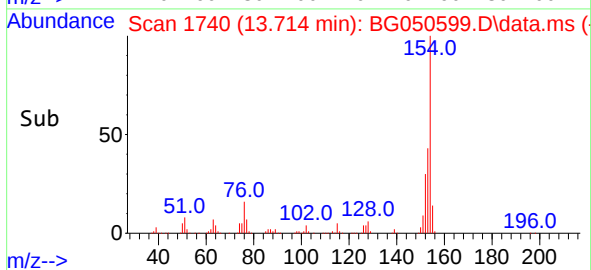
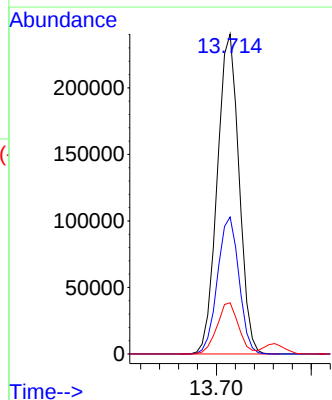
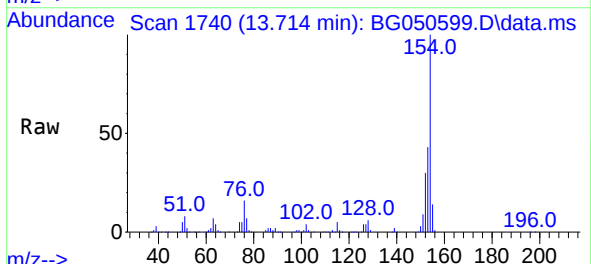
Manual Integrations
APPROVED

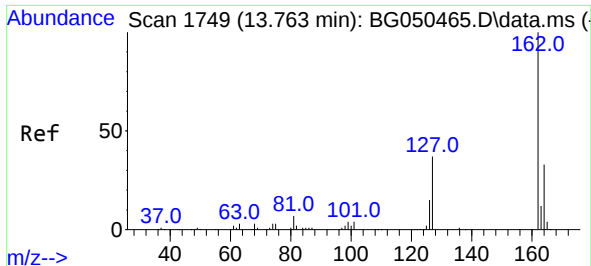
mohammad
10/18/2021 12:40:26 PM



#46
1,1'-Biphenyl
Concen: 39.63 ng
RT: 13.714 min Scan# 1740
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

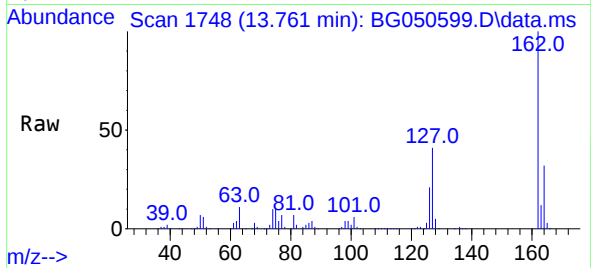
Tgt Ion:154 Resp: 382974
Ion Ratio Lower Upper
154 100
153 42.8 20.5 60.5
76 16.0 0.0 29.3





#47
2-Chloronaphthalene
Concen: 41.19 ng
RT: 13.761 min Scan# 1748
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

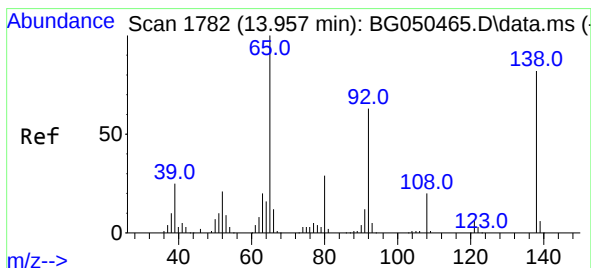
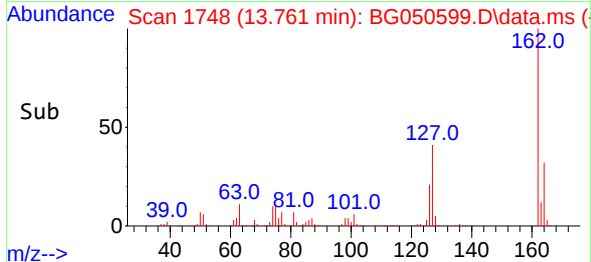
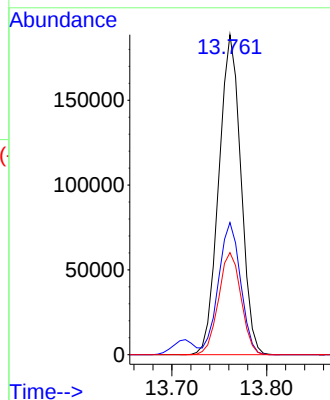
Instrument :
BNA_G
ClientSampleId :
PB139878BS



Tgt Ion:162 Resp: 305656
Ion Ratio Lower Upper
162 100
127 41.3 32.7 49.1
164 31.9 27.0 40.4

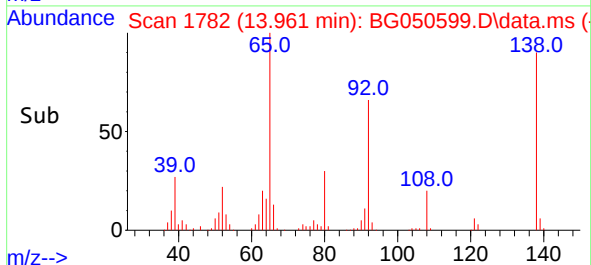
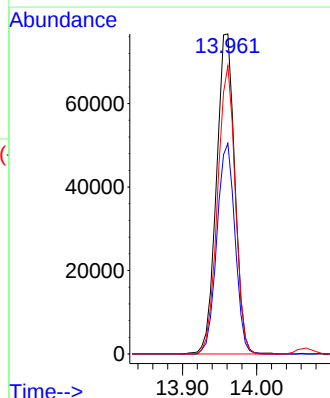
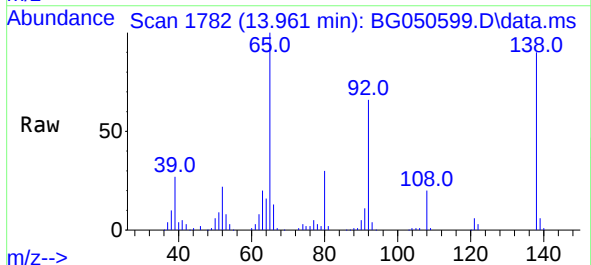
Manual Integrations
APPROVED

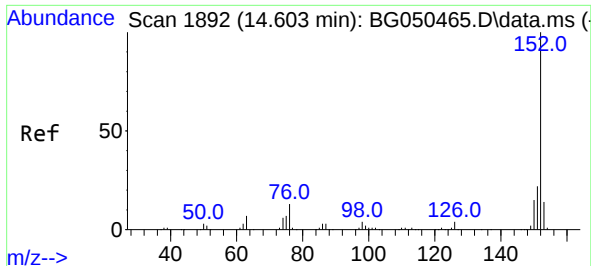
mohammad
10/18/2021 12:40:26 PM



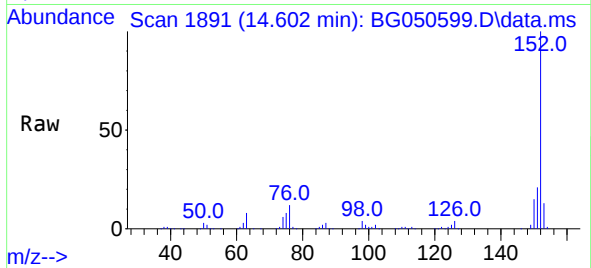
#48
2-Nitroaniline
Concen: 44.71 ng
RT: 13.961 min Scan# 1782
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion: 65 Resp: 131976
Ion Ratio Lower Upper
65 100
92 65.8 47.2 70.8
138 90.1 68.0 102.0

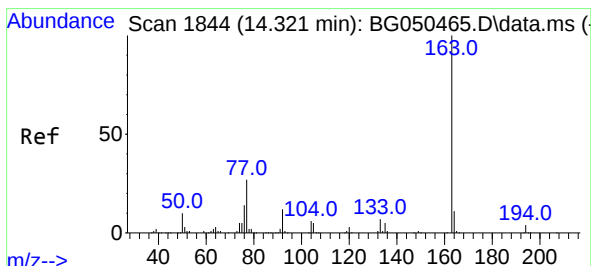
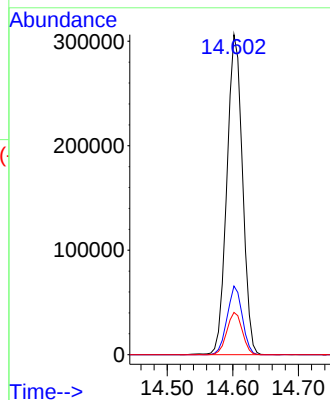
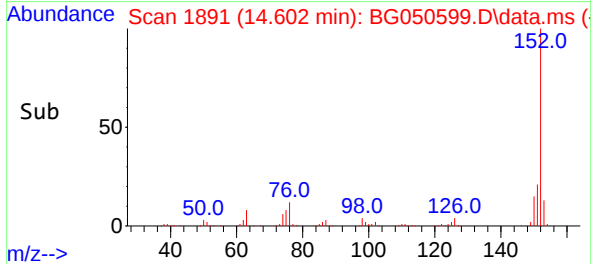




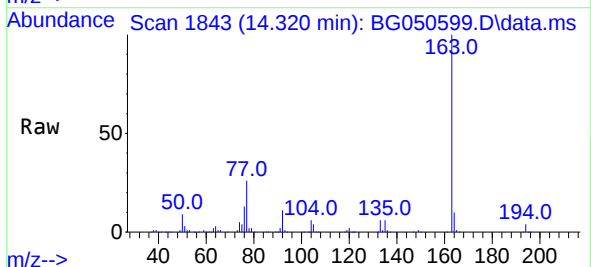
#49
Acenaphthylene
Concen: 41.59 ng
RT: 14.602 min Scan# 1891
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



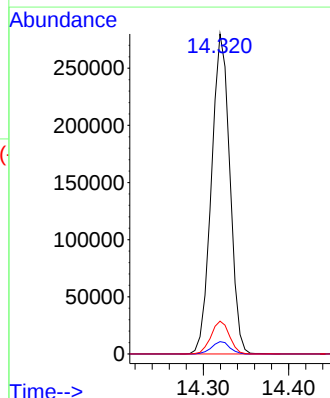
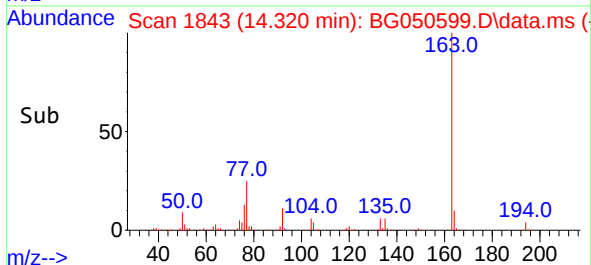
Tgt Ion:152 Resp: 505640
Ion Ratio Lower Upper
152 100
151 21.4 18.2 27.4
153 13.2 11.7 17.5



#50
Dimethylphthalate
Concen: 41.86 ng
RT: 14.320 min Scan# 1843
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



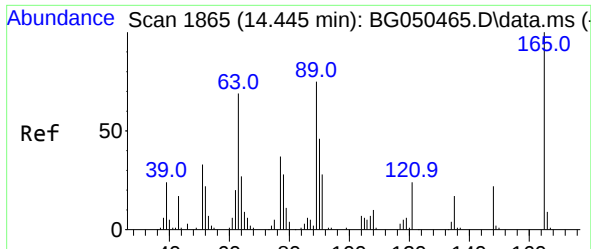
Tgt Ion:163 Resp: 419232
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.2 8.6 12.8



Instrument :
BNA_G
ClientSampleId :
PB139878BS

Manual Integrations
APPROVED

mohammad
10/18/2021 12:40:26 PM



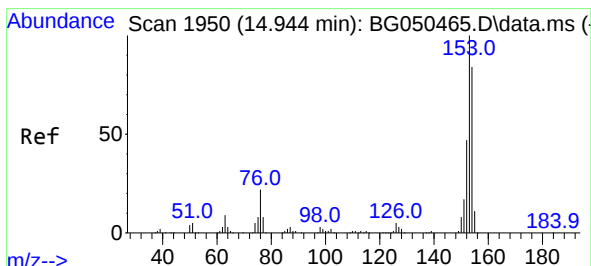
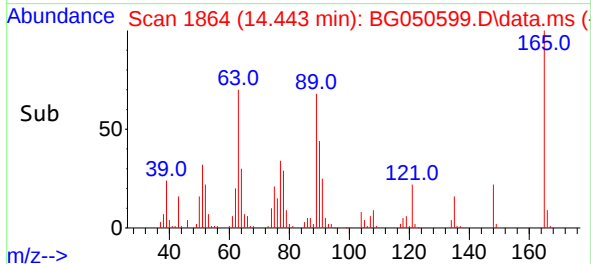
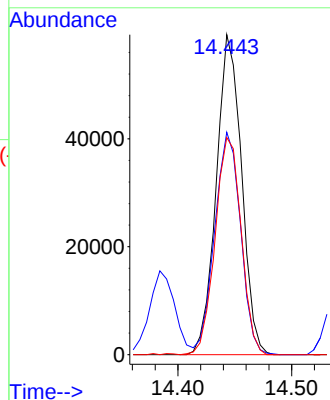
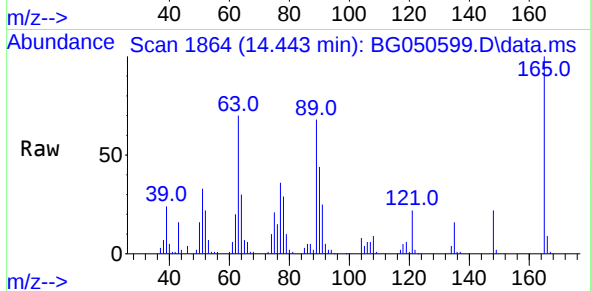
#51
2,6-Dinitrotoluene
Concen: 45.62 ng
RT: 14.443 min Scan# 1864
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:	165	Resp:	91512
Ion Ratio	Lower	Upper	
165	100		
63	69.5	63.3	94.9
89	67.9	63.4	95.0

Instrument :
BNA_G
ClientSampleId :
PB139878BS

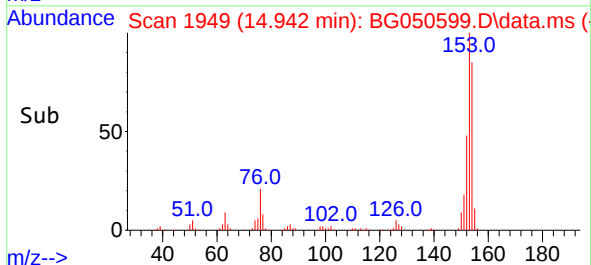
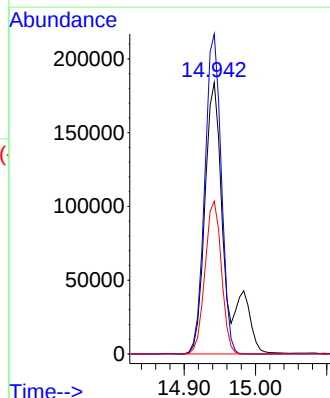
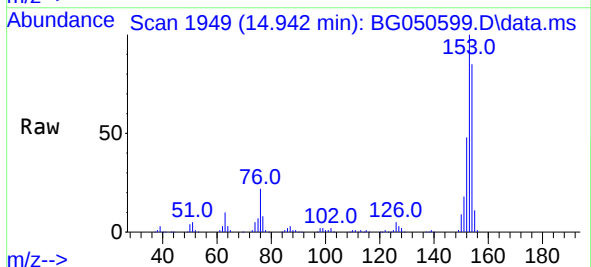
Manual Integrations
APPROVED

mohammad
10/18/2021 12:40:26 PM



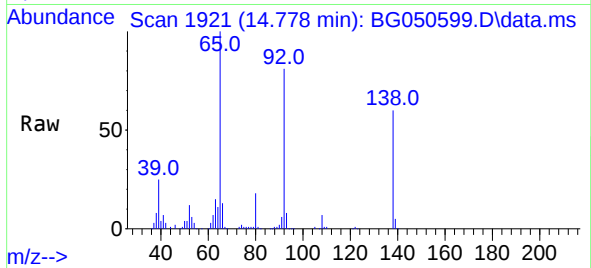
#52
Acenaphthene
Concen: 46.05 ng m
RT: 14.942 min Scan# 1949
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:	154	Resp:	359801
Ion Ratio	Lower	Upper	
154	100		
153	117.8	87.0	130.4
152	56.3	40.1	60.1

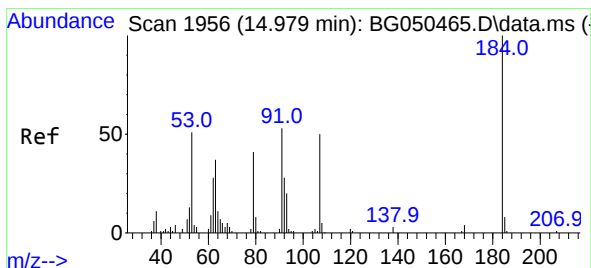
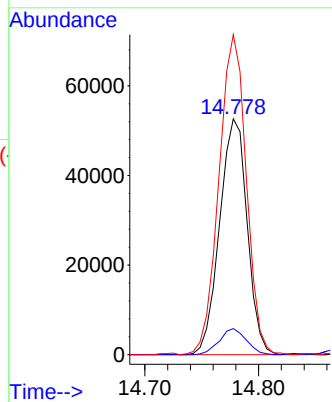
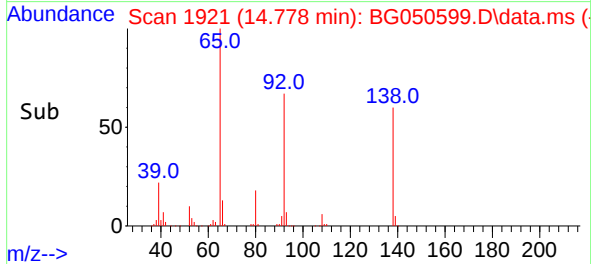




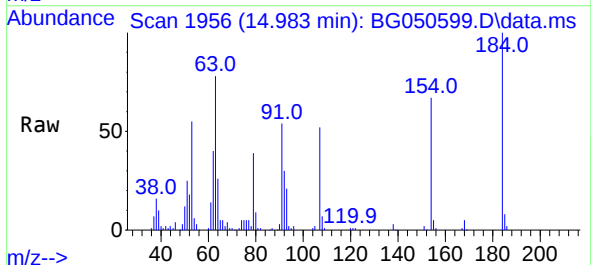
#53
3-Nitroaniline
Concen: 37.29 ng
RT: 14.778 min Scan# 1921
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



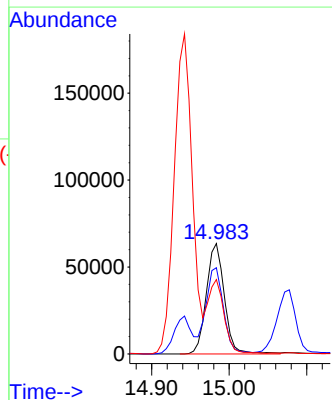
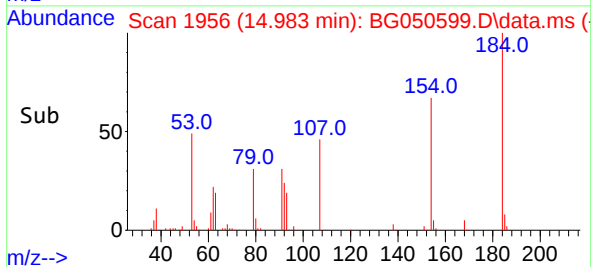
Tgt Ion:138 Resp: 88482
Ion Ratio Lower Upper
138 100
108 11.0 8.3 12.5
92 135.7 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 82.31 ng
RT: 14.983 min Scan# 1956
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



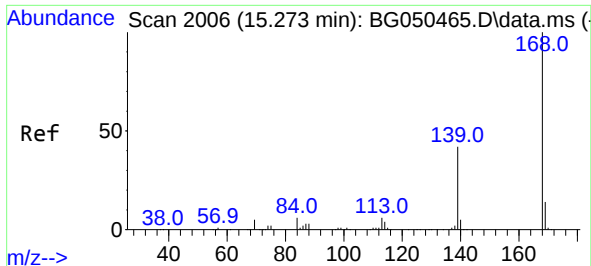
Tgt Ion:184 Resp: 102415
Ion Ratio Lower Upper
184 100
63 78.1 68.3 102.5
154 67.5 62.6 93.8



Instrument :
BNA_G
ClientSampleId :
PB139878BS

Manual Integrations
APPROVED

mohammad
10/18/2021 12:40:26 PM



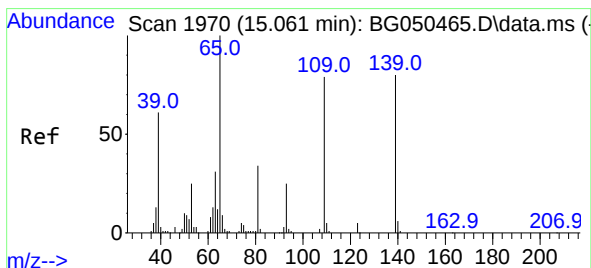
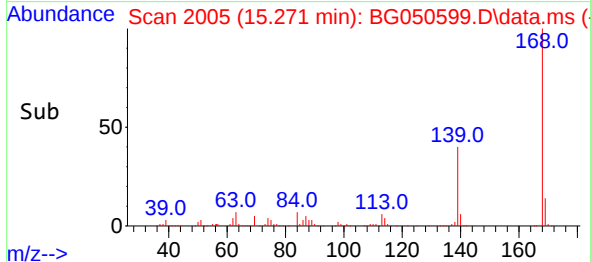
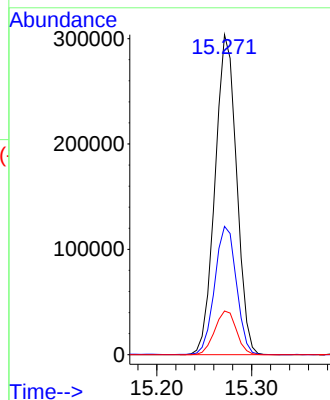
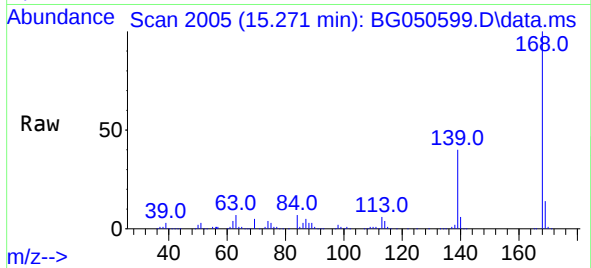
#55
Dibenzofuran
Concen: 39.64 ng
RT: 15.271 min Scan# 2005
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:168 Resp: 479029
Ion Ratio Lower Upper
168 100
139 40.1 33.4 50.2
169 13.6 12.3 18.5

Instrument :
BNA_G
ClientSampleId :
PB139878BS

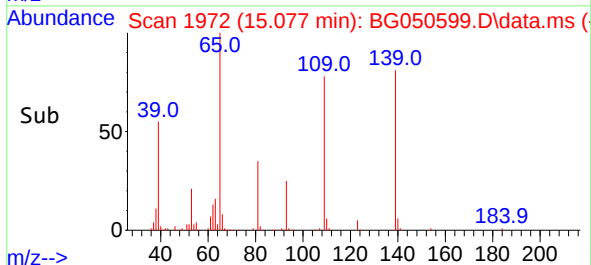
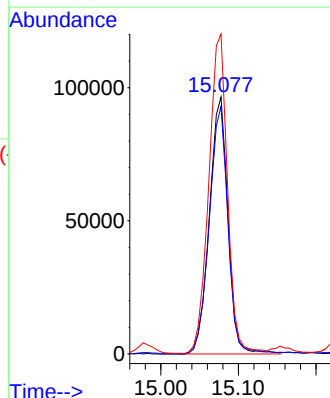
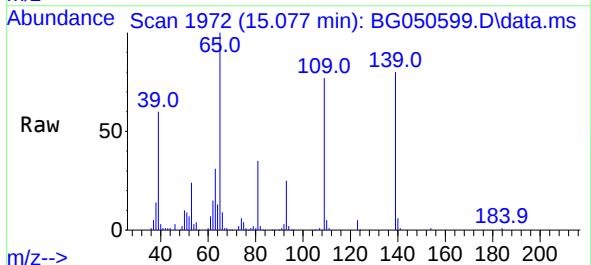
Manual Integrations
APPROVED

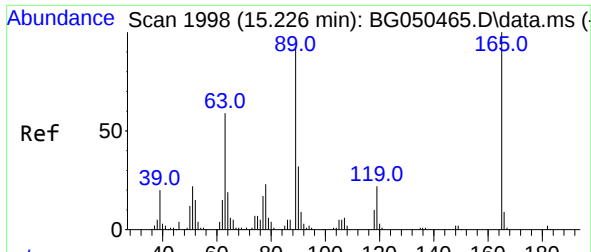
mohammad
10/18/2021 12:40:26 PM



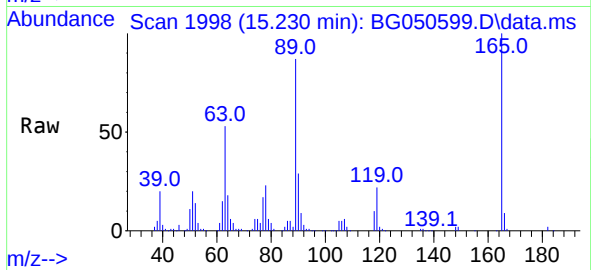
#56
4-Nitrophenol
Concen: 84.43 ng
RT: 15.077 min Scan# 1972
Delta R.T. 0.009 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:139 Resp: 161126
Ion Ratio Lower Upper
139 100
109 96.4 116.3 156.3#
65 124.6 105.0 145.0

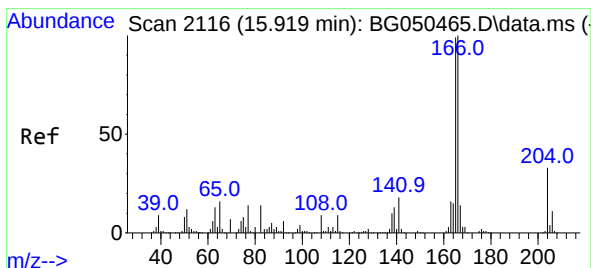
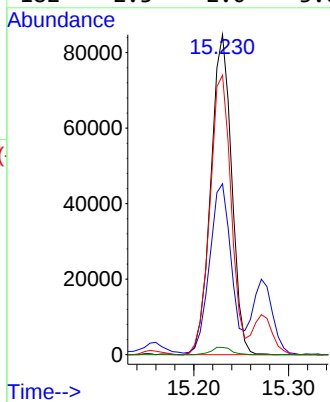
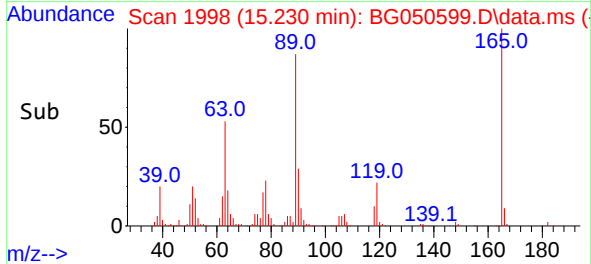




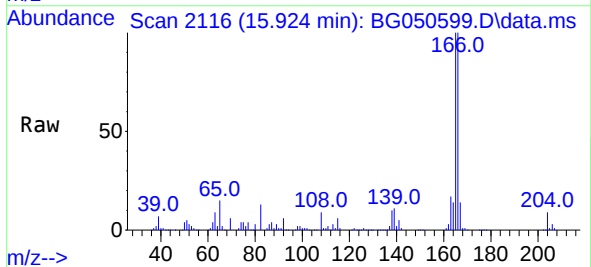
#57
2,4-Dinitrotoluene
Concen: 45.64 ng
RT: 15.230 min Scan# 1998
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



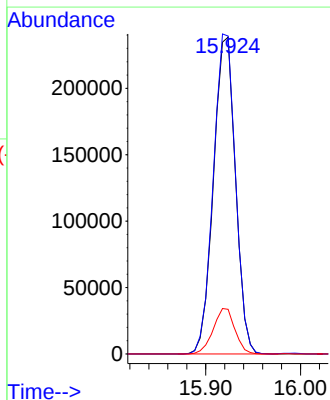
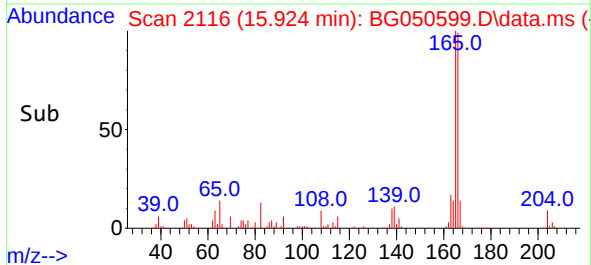
Tgt Ion:165 Resp: 129036
Ion Ratio Lower Upper
165 100
63 53.4 48.0 72.0
89 87.4 65.4 98.0
182 2.3 2.0 3.0



#58
Fluorene
Concen: 41.42 ng
RT: 15.924 min Scan# 2116
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



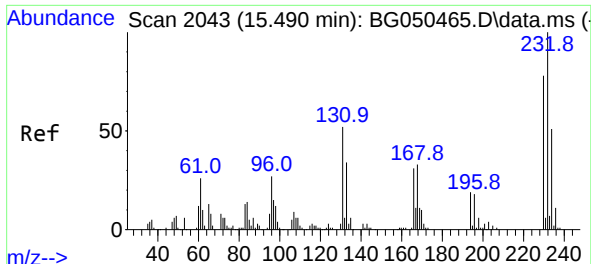
Tgt Ion:166 Resp: 384435
Ion Ratio Lower Upper
166 100
165 100.3 77.7 116.5
167 14.1 10.8 16.2



Instrument :
BNA_G
ClientSampleId :
PB139878BS

Manual Integrations
APPROVED

mohammad
10/18/2021 12:40:26 PM



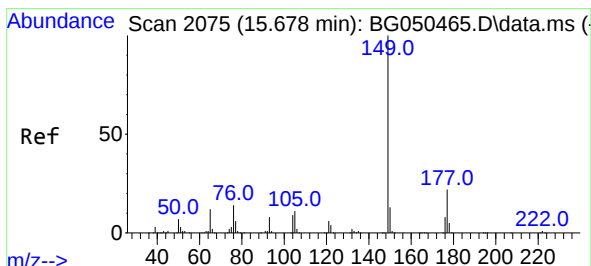
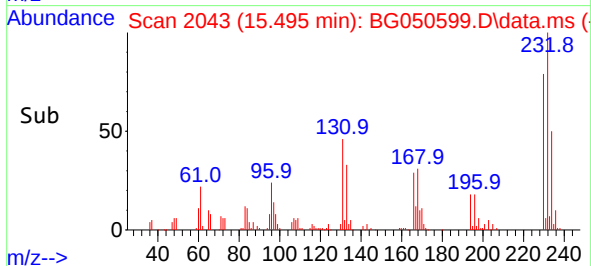
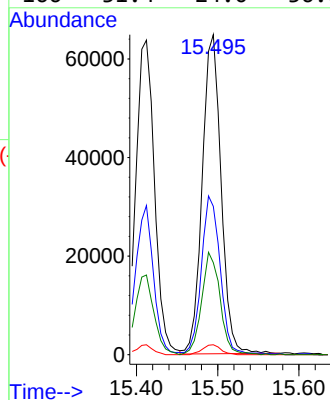
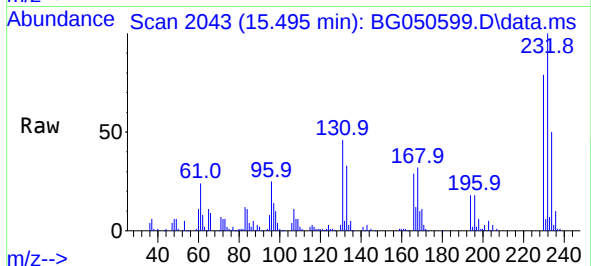
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.55 ng
RT: 15.495 min Scan# 2043
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:232 Resp: 104328
Ion Ratio Lower Upper
232 100
131 50.2 37.2 55.8
130 3.1 2.8 4.2
166 31.4 24.0 36.0

Instrument :
BNA_G
ClientSampleId :
PB139878BS

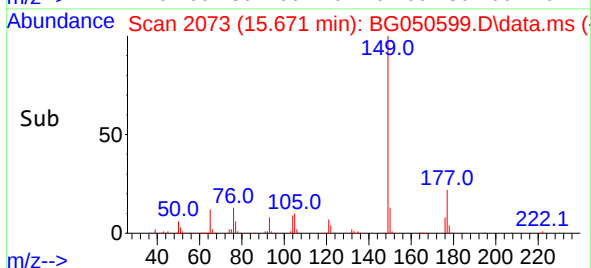
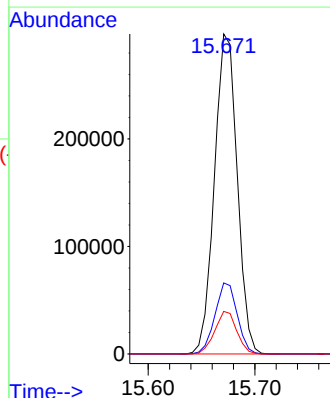
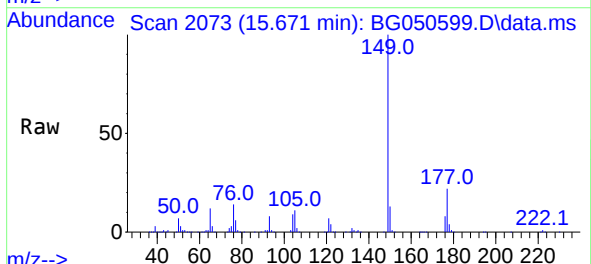
Manual Integrations
APPROVED

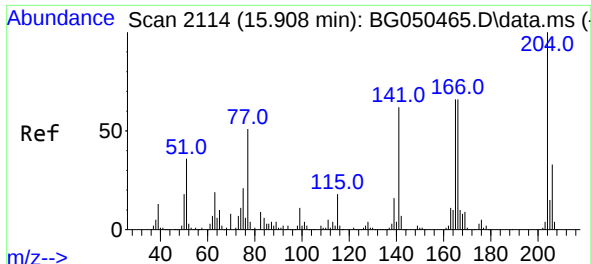
mohammad
10/18/2021 12:40:26 PM



#60
Diethylphthalate
Concen: 41.90 ng
RT: 15.671 min Scan# 2073
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:149 Resp: 440841
Ion Ratio Lower Upper
149 100
177 22.2 19.0 28.6
150 13.3 10.2 15.4





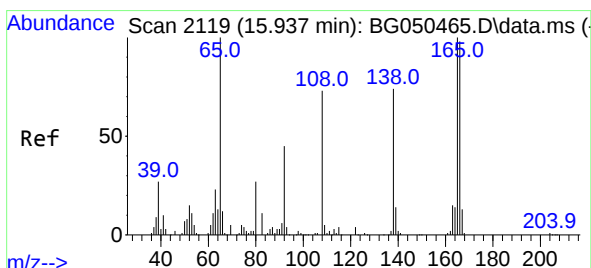
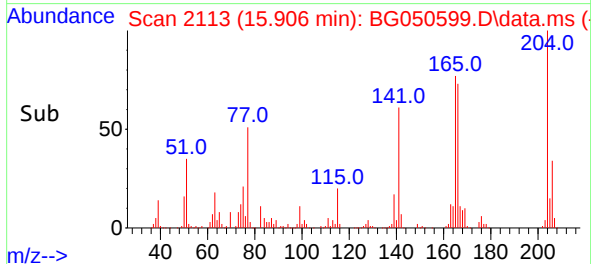
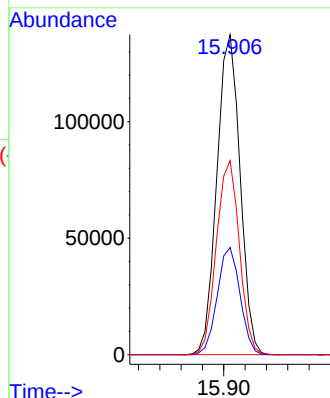
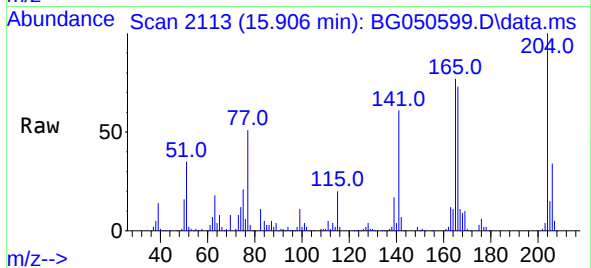
#61
4-Chlorophenyl-phenylether
Concen: 40.85 ng
RT: 15.906 min Scan# 2113
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Instrument :
BNA_G
ClientSampleId :
PB139878BS

Tgt Ion:204 Resp: 207428
Ion Ratio Lower Upper
204 100
206 33.5 24.6 37.0
141 60.6 47.8 71.8

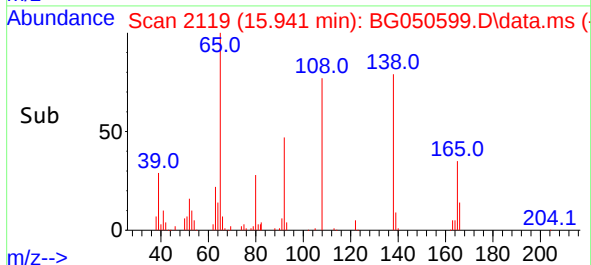
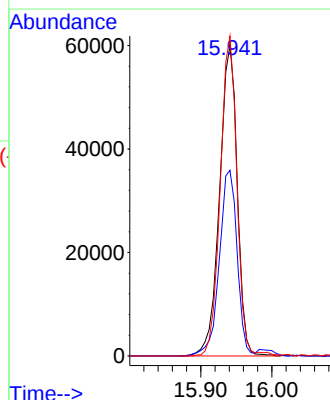
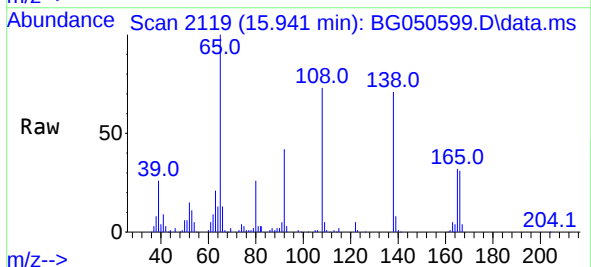
Manual Integrations
APPROVED

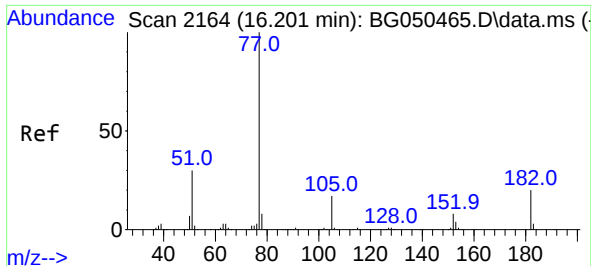
mohammad
10/18/2021 12:40:26 PM



#62
4-Nitroaniline
Concen: 41.87 ng
RT: 15.941 min Scan# 2119
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:138 Resp: 103352
Ion Ratio Lower Upper
138 100
92 59.8 32.3 72.3
108 103.0 132.4 172.4#





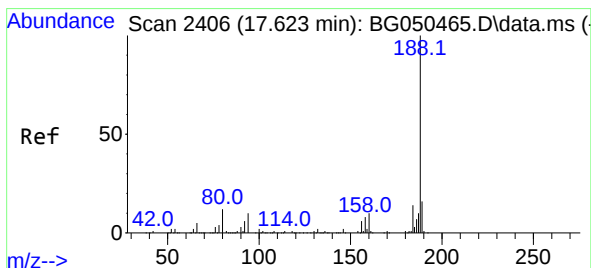
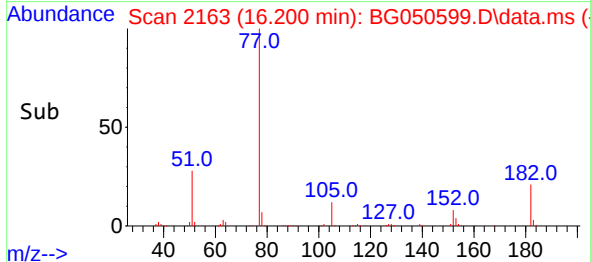
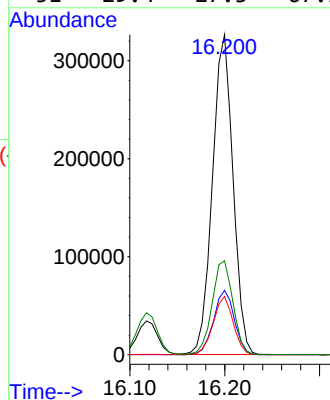
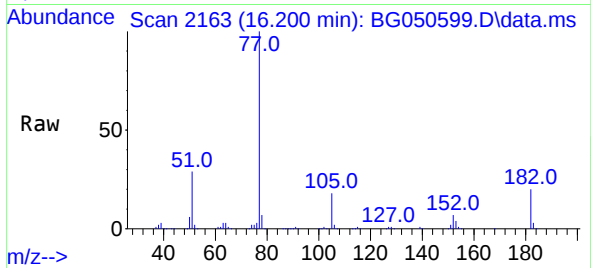
#63
Azobenzene
Concen: 40.45 ng
RT: 16.200 min Scan# 2163
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:	77	Resp:	492604
Ion Ratio	Lower	Upper	
77	100		
182	20.1	7.9	47.9
105	18.2	0.0	37.9
51	29.4	27.3	67.3

Instrument :
BNA_G
ClientSampleId :
PB139878BS

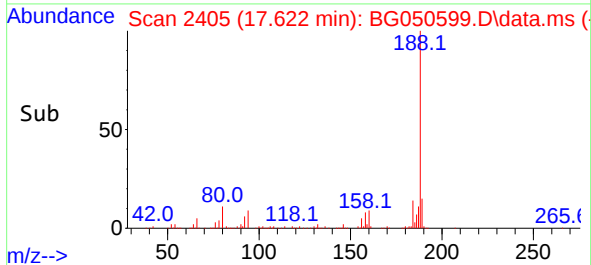
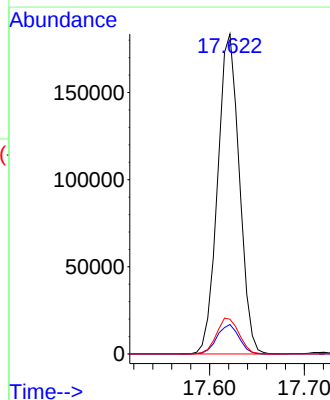
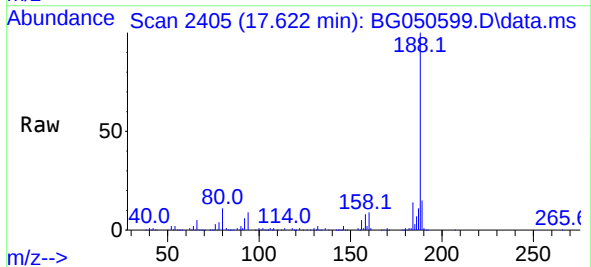
Manual Integrations
APPROVED

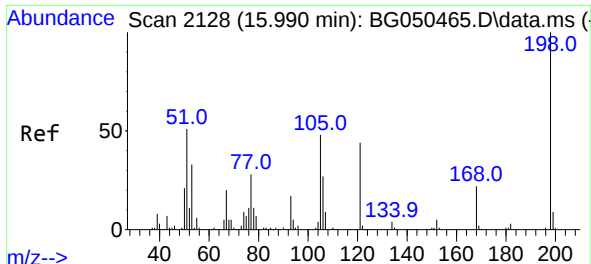
mohammad
10/18/2021 12:40:26 PM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2405
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:	188	Resp:	291971
Ion Ratio	Lower	Upper	
188	100		
94	9.2	5.4	8.0#
80	10.8	3.7	5.5#





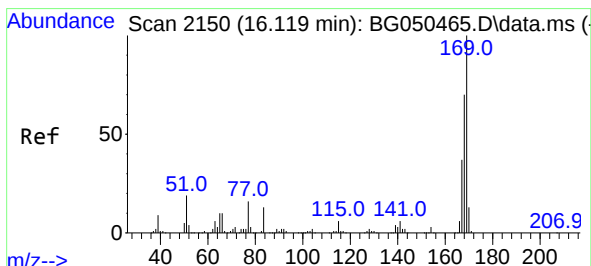
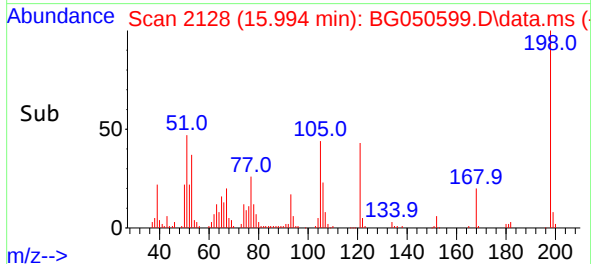
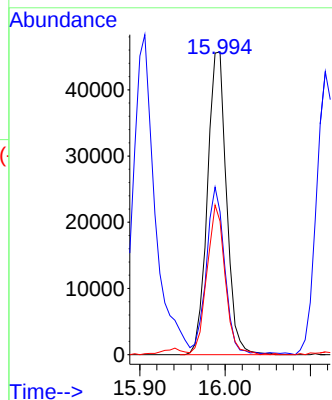
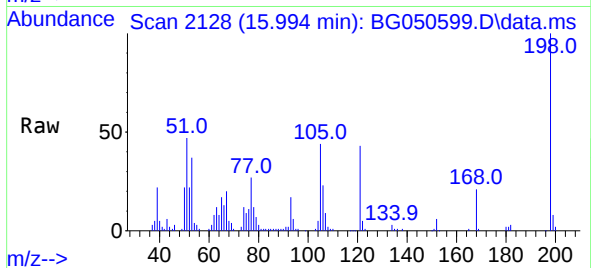
#65
4,6-Dinitro-2-methylphenol
Concen: 40.55 ng
RT: 15.994 min Scan# 2128
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:	198	Resp:	71105
Ion Ratio	Lower	Upper	
198	100		
51	47.1	29.4	69.4
105	44.1	15.1	55.1

Instrument :
BNA_G
ClientSampleId :
PB139878BS

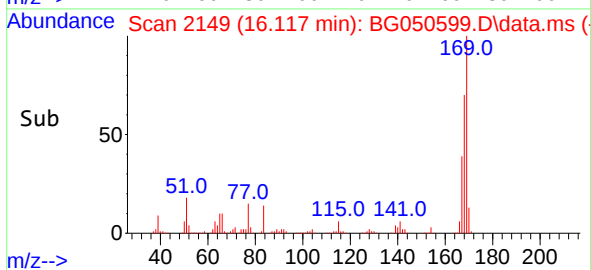
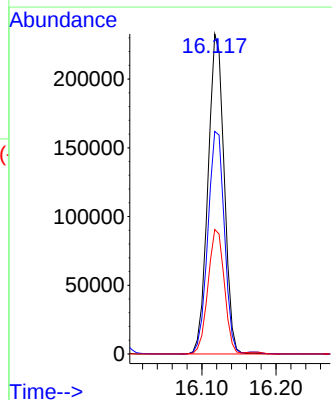
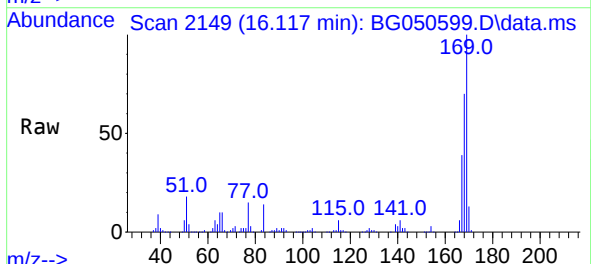
Manual Integrations
APPROVED

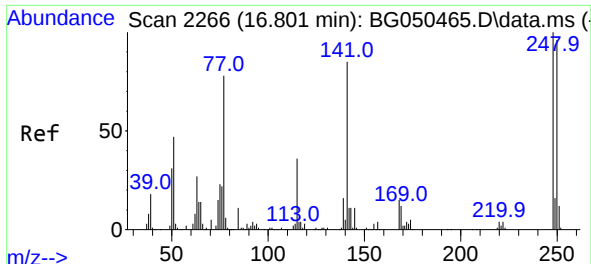
mohammad
10/18/2021 12:40:26 PM



#66
n-Nitrosodiphenylamine
Concen: 42.51 ng
RT: 16.117 min Scan# 2149
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

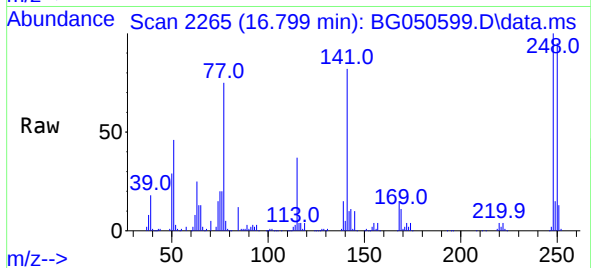
Tgt Ion:	169	Resp:	352647
Ion Ratio	Lower	Upper	
169	100		
168	69.5	56.3	84.5
167	38.9	28.4	42.6





#67
4-Bromophenyl-phenylether
Concen: 42.52 ng
RT: 16.799 min Scan# 2265
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

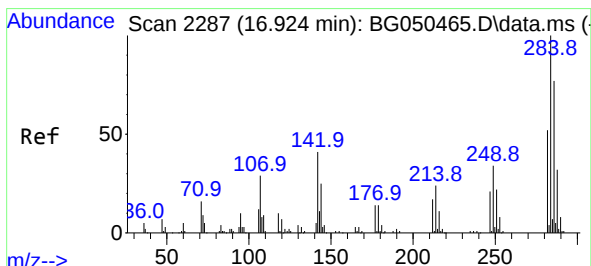
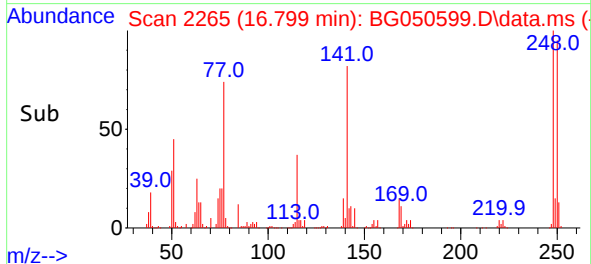
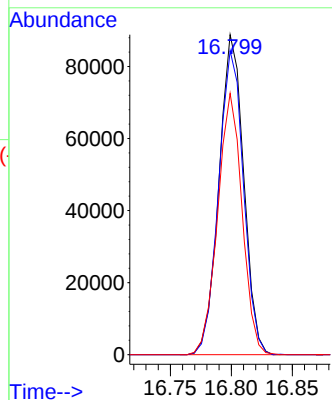
Instrument :
BNA_G
ClientSampleId :
PB139878BS



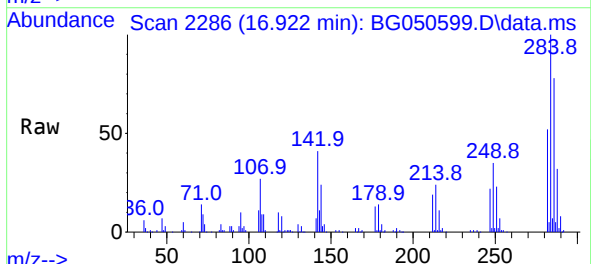
Tgt Ion:248 Resp: 125087
Ion Ratio Lower Upper
248 100
250 95.0 76.1 114.1
141 81.7 65.4 98.2

Manual Integrations
APPROVED

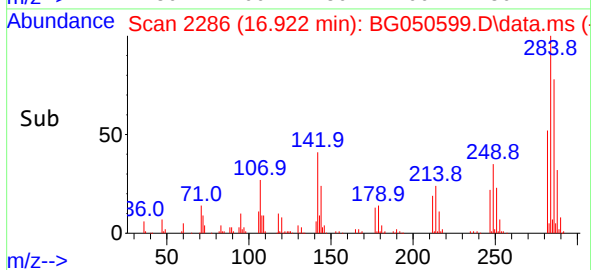
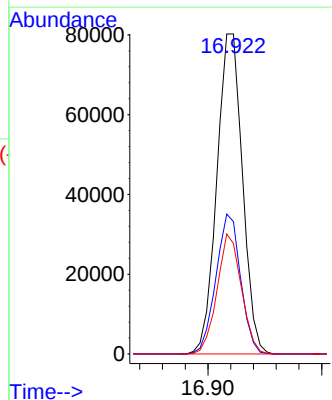
mohammad
10/18/2021 12:40:26 PM

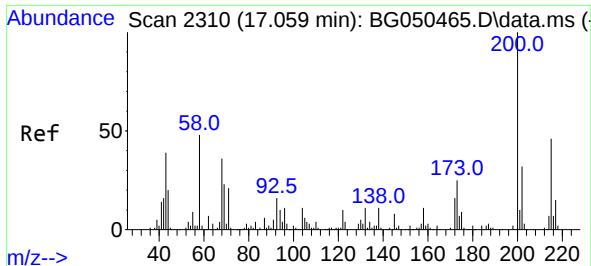


#68
Hexachlorobenzene
Concen: 42.93 ng
RT: 16.922 min Scan# 2286
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



Tgt Ion:284 Resp: 125522
Ion Ratio Lower Upper
284 100
142 41.3 27.0 40.6#
249 37.0 28.2 42.2





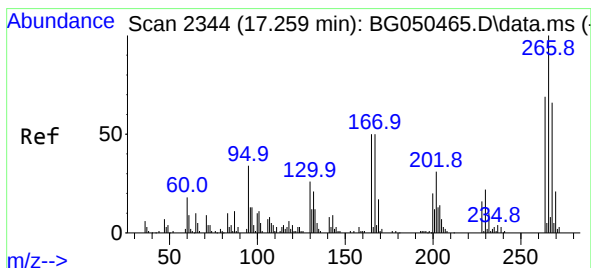
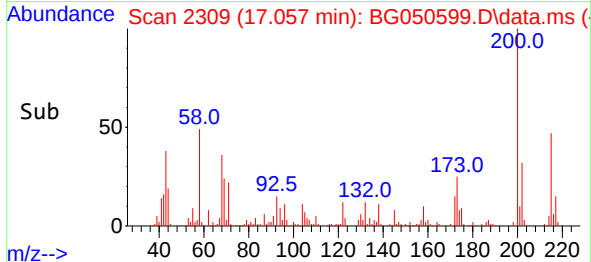
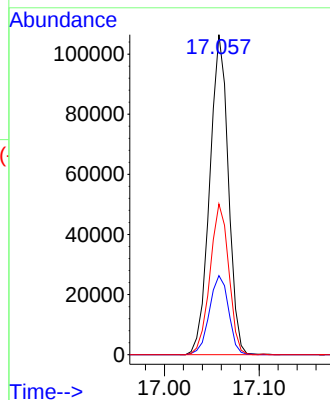
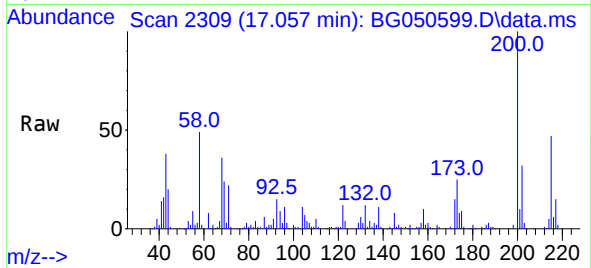
#69
Atrazine
Concen: 44.33 ng
RT: 17.057 min Scan# 2309
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:200 Resp: 144864
Ion Ratio Lower Upper
200 100
173 24.7 3.7 43.7
215 47.1 26.9 66.9

Instrument :
BNA_G
ClientSampleId :
PB139878BS

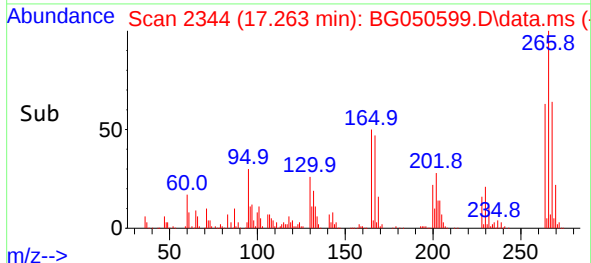
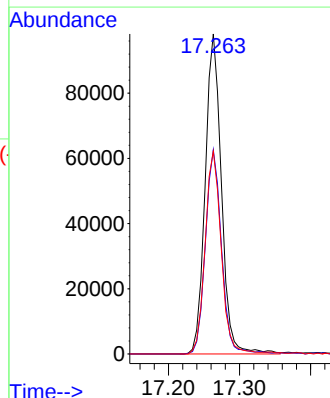
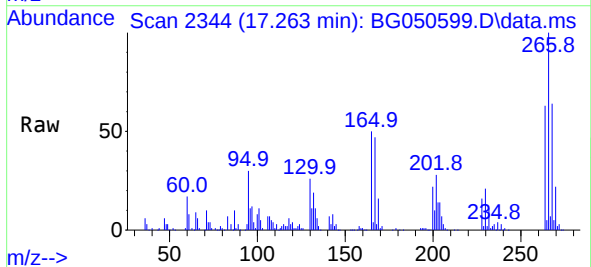
Manual Integrations
APPROVED

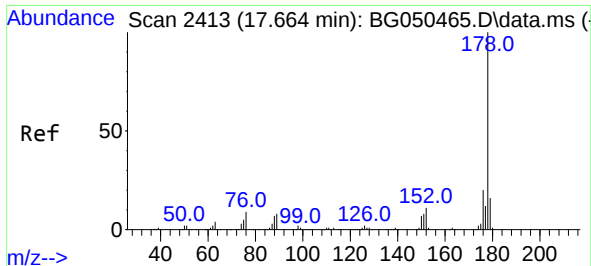
mohammad
10/18/2021 12:40:26 PM



#70
Pentachlorophenol
Concen: 78.49 ng
RT: 17.263 min Scan# 2344
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

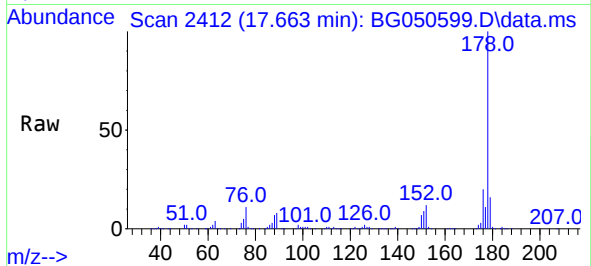
Tgt Ion:266 Resp: 156244
Ion Ratio Lower Upper
266 100
268 63.8 49.0 73.4
264 63.4 49.0 73.6





#71
Phenanthrene
Concen: 42.05 ng
RT: 17.663 min Scan# 2412
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

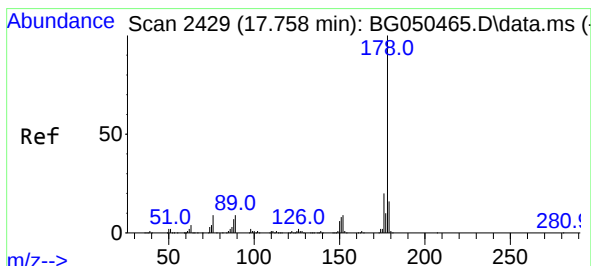
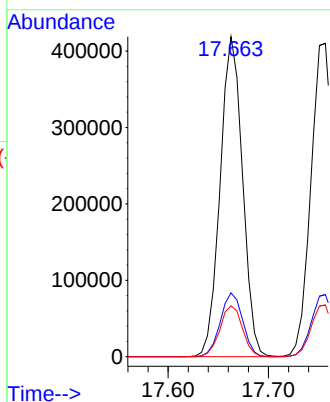
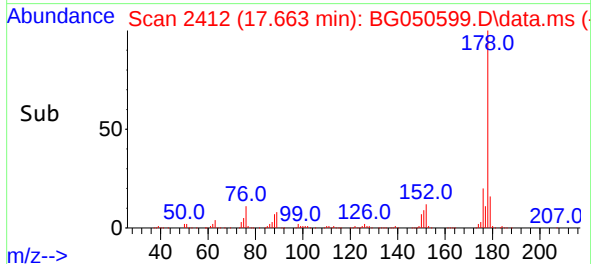
Instrument :
BNA_G
ClientSampleId :
PB139878BS



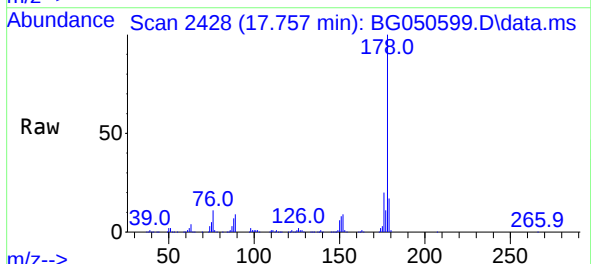
Tgt Ion:178 Resp: 647002
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 15.9 14.2 21.4

Manual Integrations
APPROVED

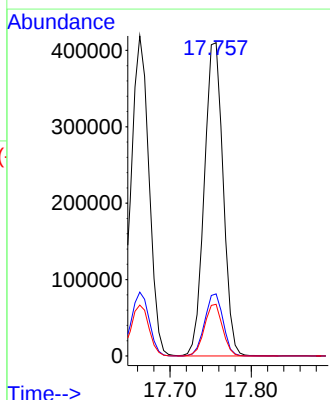
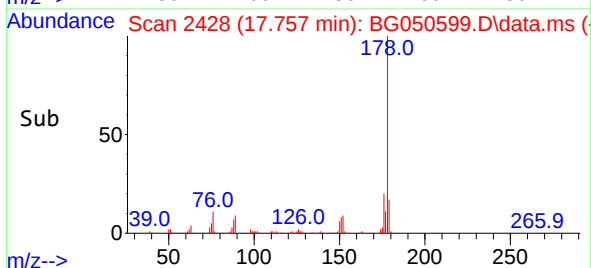
mohammad
10/18/2021 12:40:26 PM

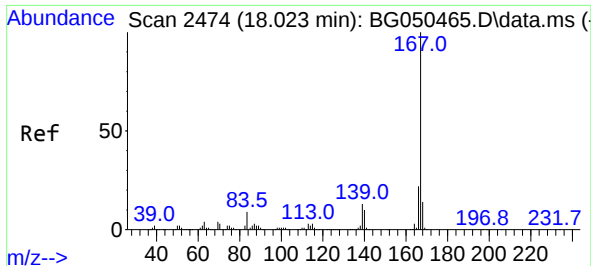


#72
Anthracene
Concen: 43.05 ng
RT: 17.757 min Scan# 2428
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



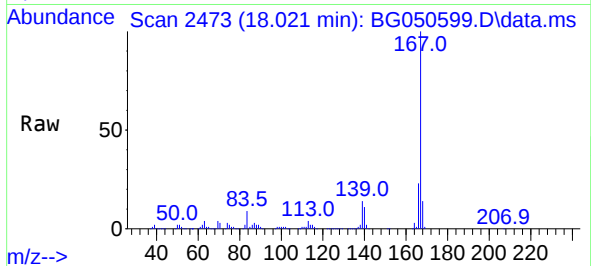
Tgt Ion:178 Resp: 658117
Ion Ratio Lower Upper
178 100
176 19.8 14.6 21.8
179 16.5 13.4 20.0





#73
Carbazole
Concen: 40.37 ng
RT: 18.021 min Scan# 2473
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

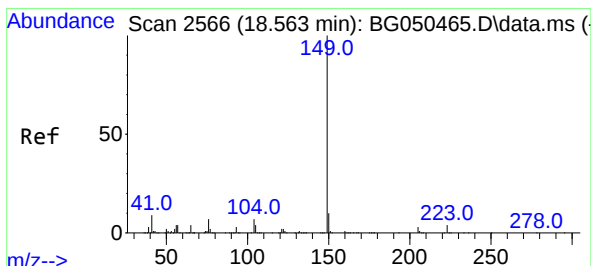
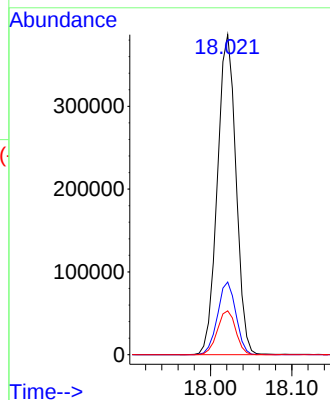
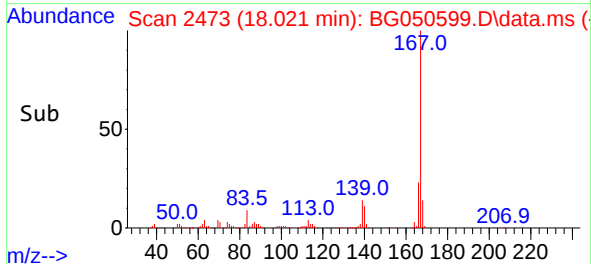
Instrument :
BNA_G
ClientSampleId :
PB139878BS



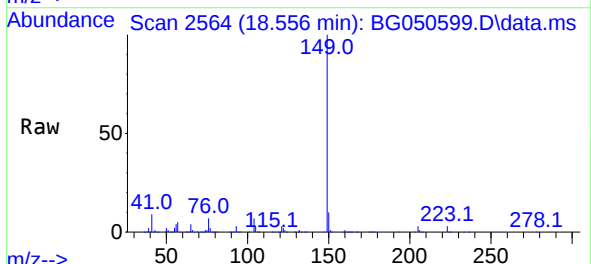
Tgt Ion:167 Resp: 615207
Ion Ratio Lower Upper
167 100
166 22.7 17.4 26.2
139 13.7 10.7 16.1

Manual Integrations
APPROVED

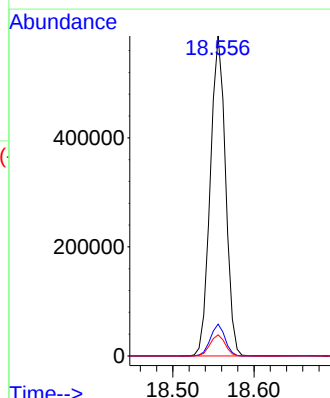
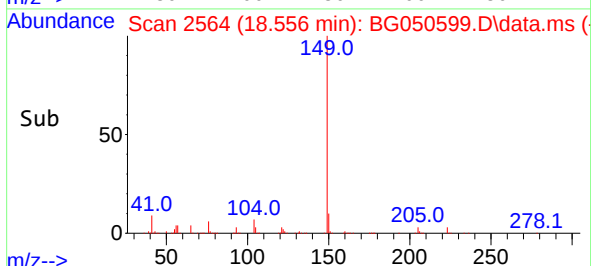
mohammad
10/18/2021 12:40:26 PM

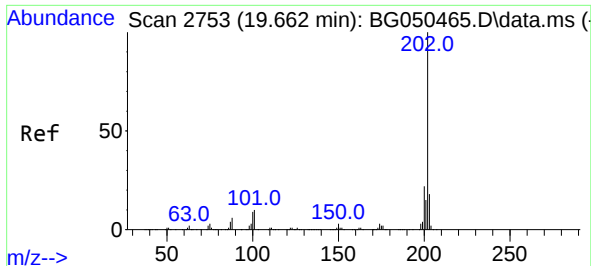


#74
Di-n-butylphthalate
Concen: 42.73 ng
RT: 18.556 min Scan# 2564
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



Tgt Ion:149 Resp: 764194
Ion Ratio Lower Upper
149 100
150 10.0 7.5 11.3
104 6.6 6.6 10.0#





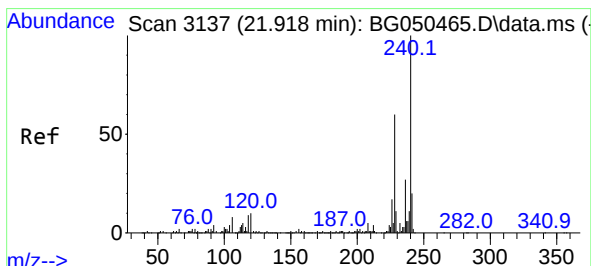
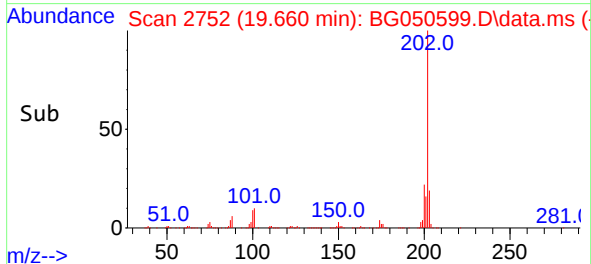
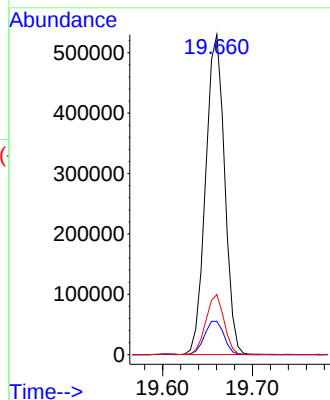
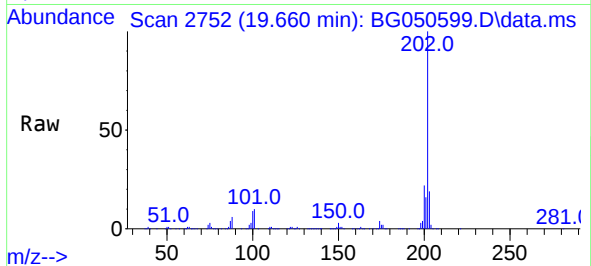
#75
Fluoranthene
Concen: 40.97 ng
RT: 19.660 min Scan# 2752
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:	202	Resp:	774931
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	24.7
203	18.8	0.0	38.5

Instrument :
BNA_G
ClientSampleId :
PB139878BS

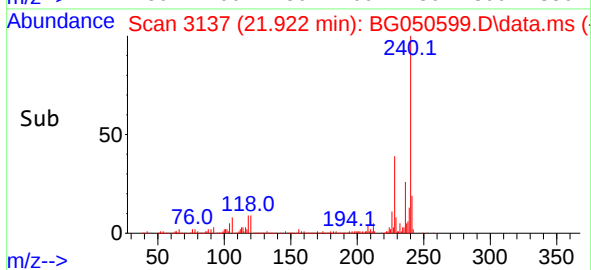
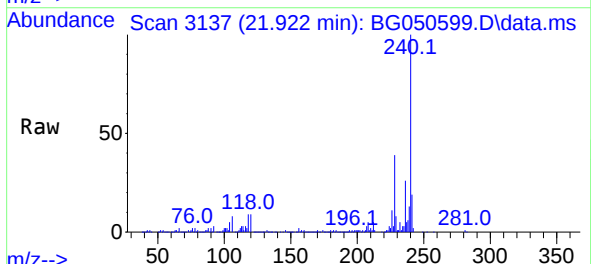
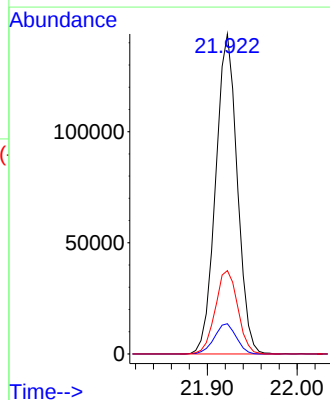
Manual Integrations
APPROVED

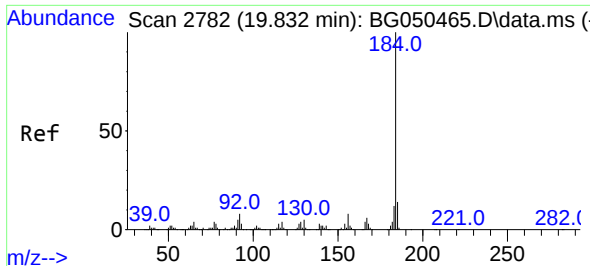
mohammad
10/18/2021 12:40:26 PM



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.922 min Scan# 3137
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

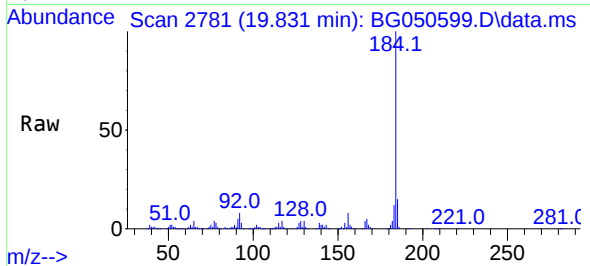
Tgt Ion:	240	Resp:	239726
Ion Ratio	Lower	Upper	
240	100		
120	9.4	4.2	6.2
236	26.0	21.8	32.6





#77
Benzidine
Concen: 60.43 ng
RT: 19.831 min Scan# 2781
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

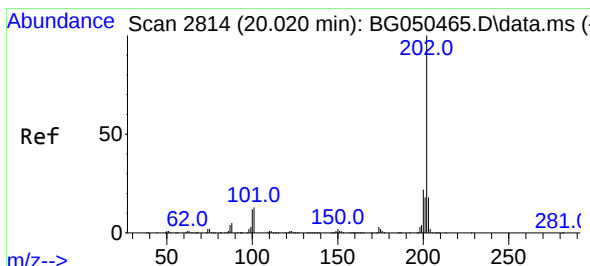
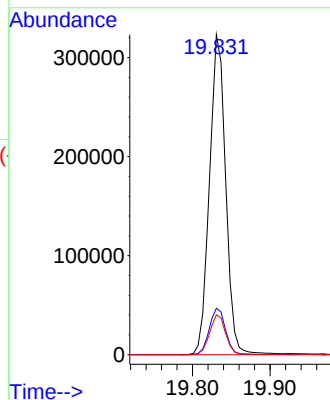
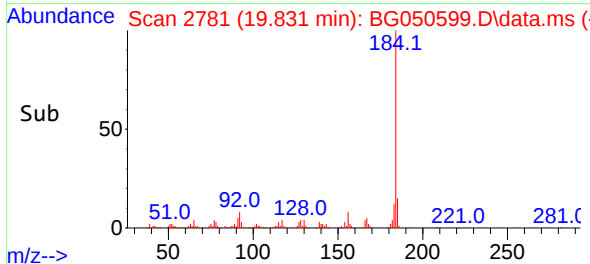
Instrument :
BNA_G
ClientSampleId :
PB139878BS



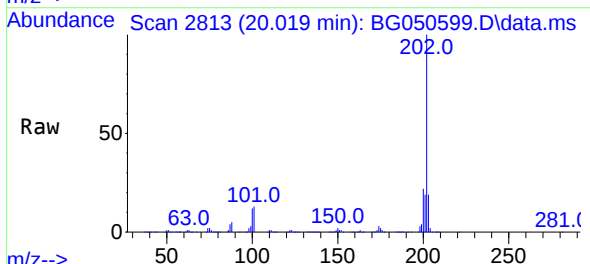
Tgt Ion:184 Resp: 469502
Ion Ratio Lower Upper
184 100
185 14.5 10.7 16.1
183 12.4 9.4 14.0

Manual Integrations
APPROVED

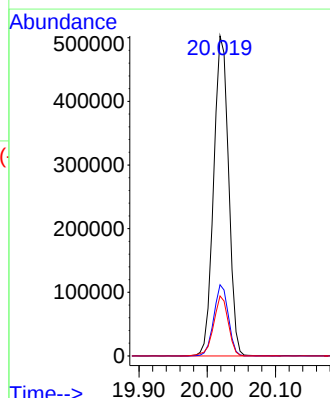
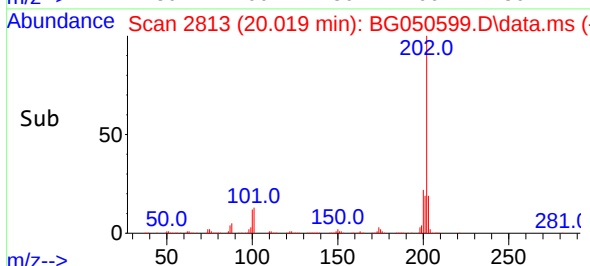
mohammad
10/18/2021 12:40:26 PM

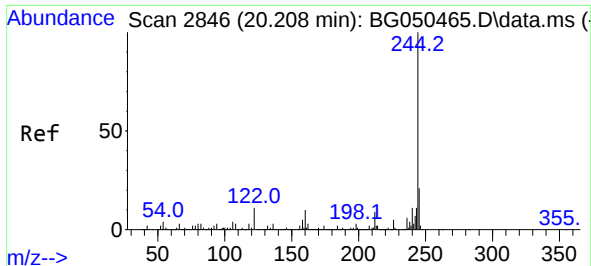


#78
Pyrene
Concen: 45.07 ng
RT: 20.019 min Scan# 2813
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



Tgt Ion:202 Resp: 766545
Ion Ratio Lower Upper
202 100
200 22.3 15.8 23.8
203 18.7 14.6 21.8





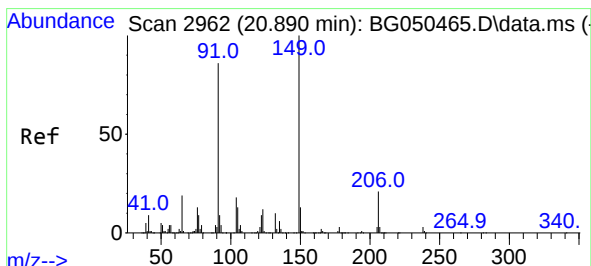
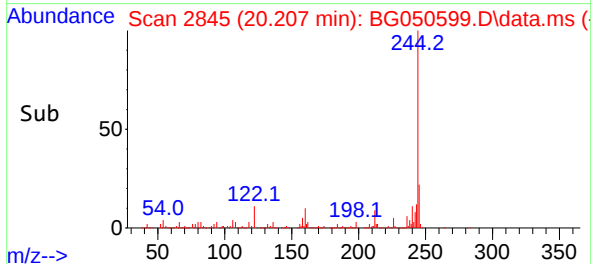
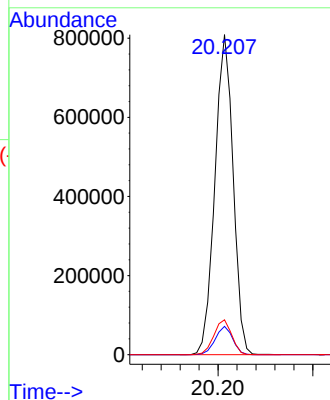
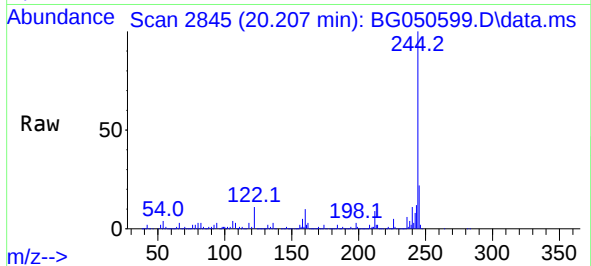
#79
 Terphenyl-d14
 Concen: 87.90 ng
 RT: 20.207 min Scan# 2845
 Delta R.T. -0.002 min
 Lab File: BG050599.D
 Acq: 15 Oct 2021 11:48

Tgt Ion:244 Resp: 1081314
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.9 10.3
 122 10.9 5.0 7.6#

Instrument :
 BNA_G
 ClientSampleId :
 PB139878BS

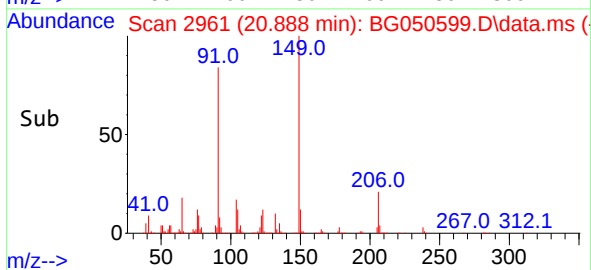
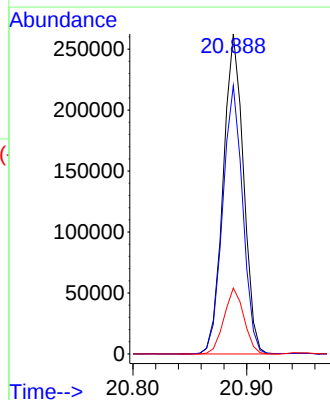
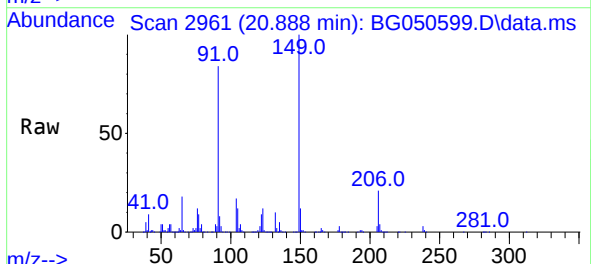
Manual Integrations
 APPROVED

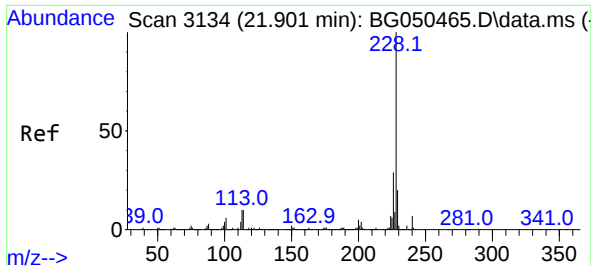
mohammad
 10/18/2021 12:40:26 PM



#80
 Butylbenzylphthalate
 Concen: 45.31 ng
 RT: 20.888 min Scan# 2961
 Delta R.T. -0.002 min
 Lab File: BG050599.D
 Acq: 15 Oct 2021 11:48

Tgt Ion:149 Resp: 325940
 Ion Ratio Lower Upper
 149 100
 91 83.9 63.4 95.2
 206 20.6 18.4 27.6





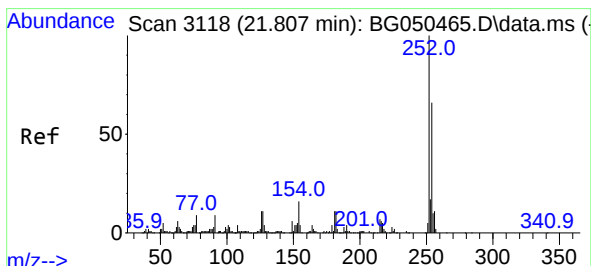
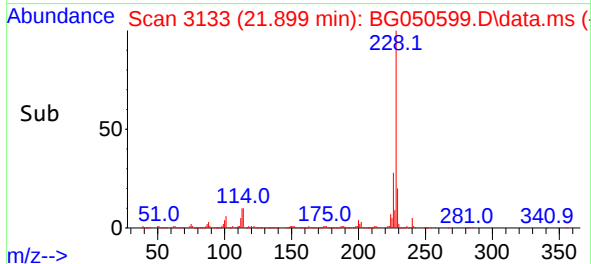
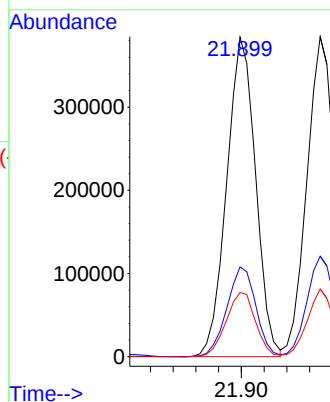
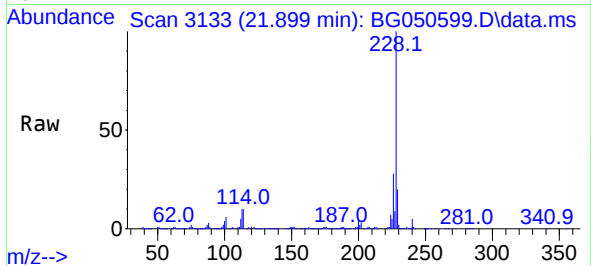
#81
Benzo(a)anthracene
Concen: 42.73 ng
RT: 21.899 min Scan# 3133
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:228 Resp: 677806
Ion Ratio Lower Upper
228 100
226 28.1 22.7 34.1
229 20.1 16.0 24.0

Instrument :
BNA_G
ClientSampleId :
PB139878BS

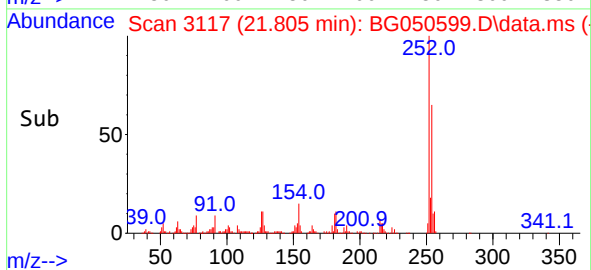
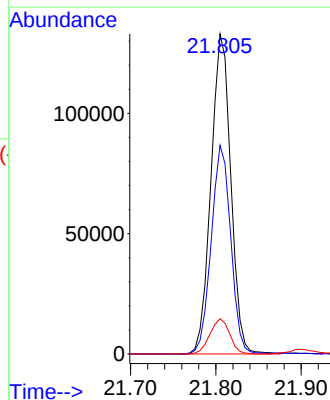
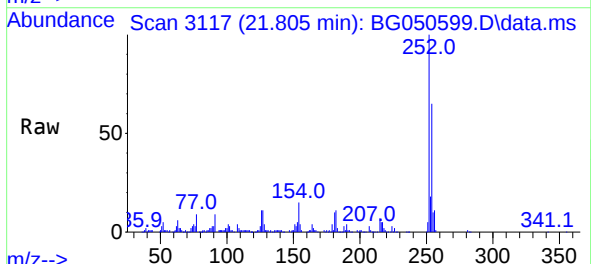
Manual Integrations
APPROVED

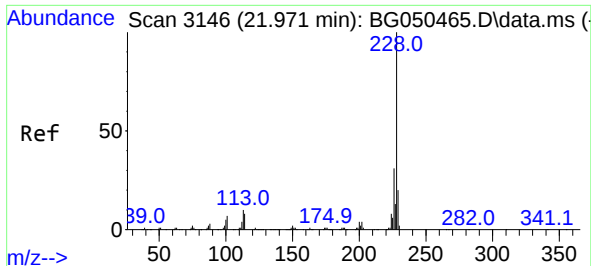
mohammad
10/18/2021 12:40:26 PM



#82
3,3'-Dichlorobenzidine
Concen: 40.85 ng
RT: 21.805 min Scan# 3117
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:252 Resp: 214772
Ion Ratio Lower Upper
252 100
254 65.2 52.4 78.6
126 11.0 5.9 8.9#





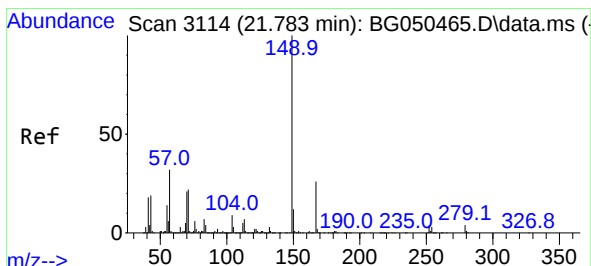
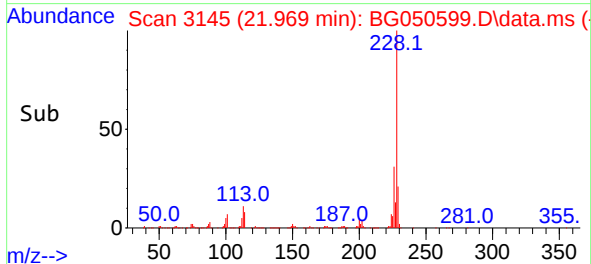
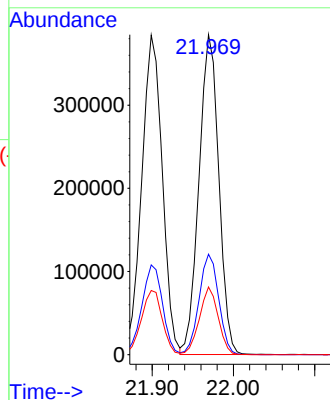
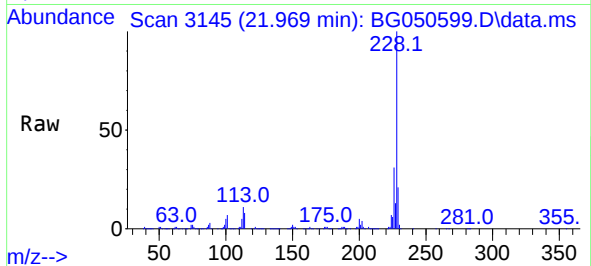
#83
Chrysene
Concen: 43.69 ng
RT: 21.969 min Scan# 3145
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:228 Resp: 651825
Ion Ratio Lower Upper
228 100
226 31.4 23.1 34.7
229 21.2 15.3 22.9

Instrument :
BNA_G
ClientSampleId :
PB139878BS

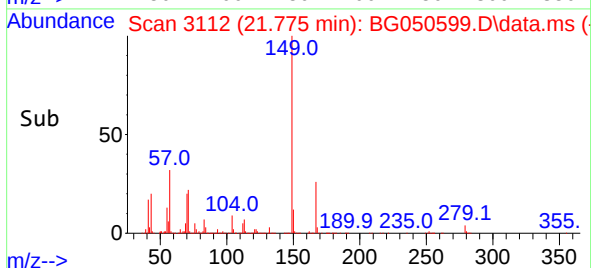
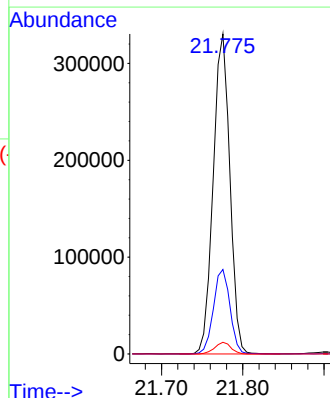
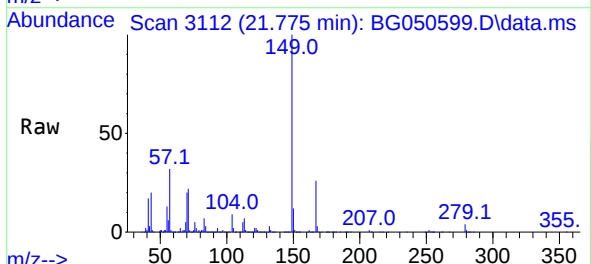
Manual Integrations
APPROVED

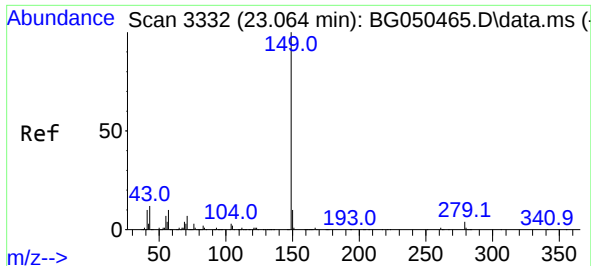
mohammad
10/18/2021 12:40:26 PM



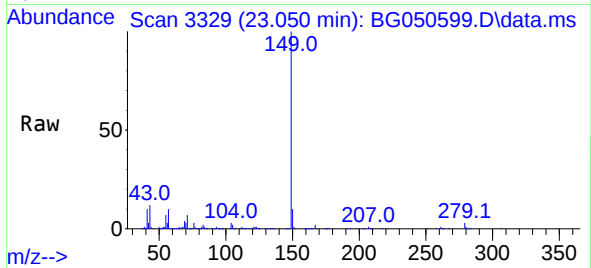
#84
Bis(2-ethylhexyl)phthalate
Concen: 45.99 ng
RT: 21.775 min Scan# 3112
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:149 Resp: 470136
Ion Ratio Lower Upper
149 100
167 26.4 22.3 33.5
279 3.7 3.8 5.8#

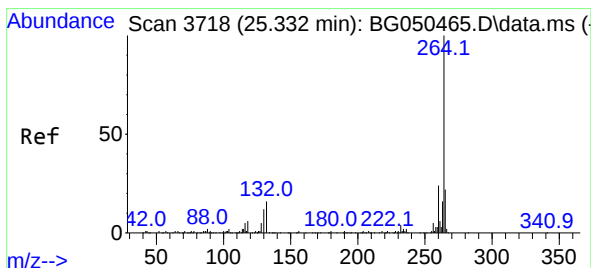
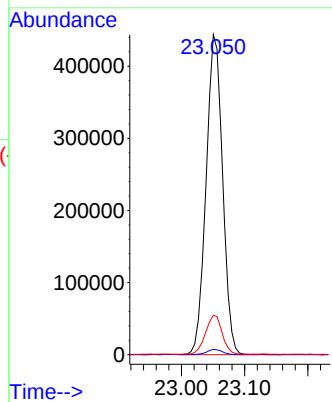
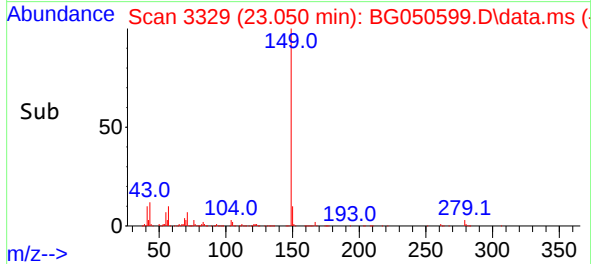




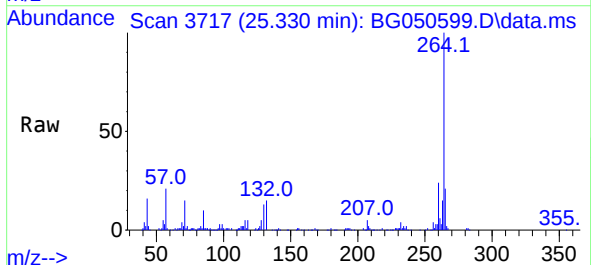
#85
Di-n-octyl phthalate
Concen: 47.23 ng
RT: 23.050 min Scan# 3329
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



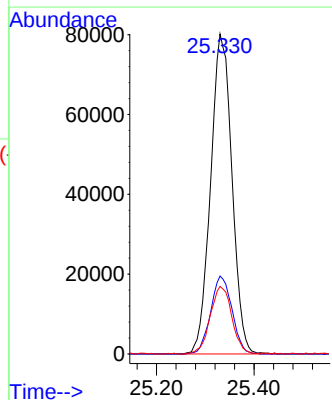
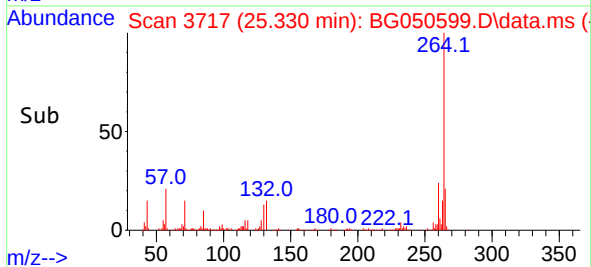
Tgt Ion:149 Resp: 805166
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.2
43 12.3 8.6 12.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.330 min Scan# 3717
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48



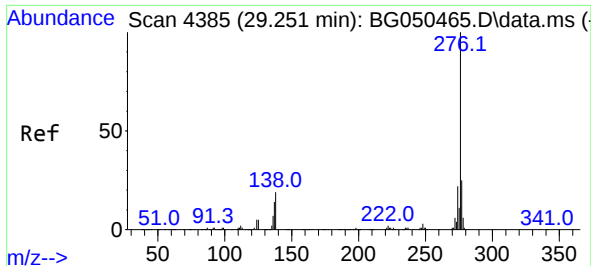
Tgt Ion:264 Resp: 243477
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 21.1 16.9 25.3



Instrument :
BNA_G
ClientSampled :
PB139878BS

Manual Integrations
APPROVED

mohammad
10/18/2021 12:40:26 PM



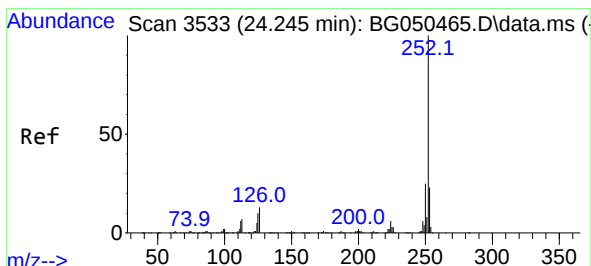
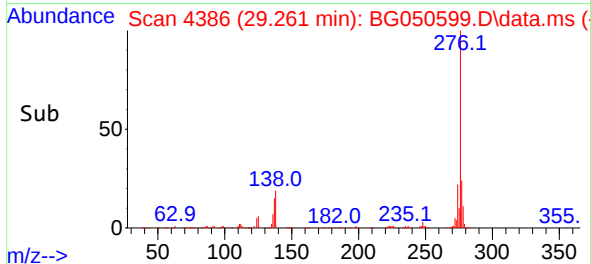
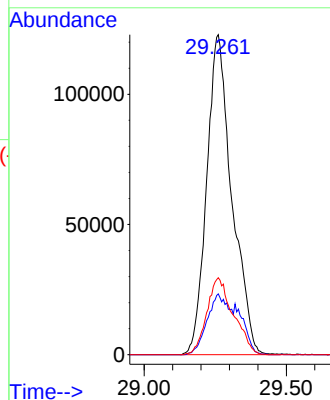
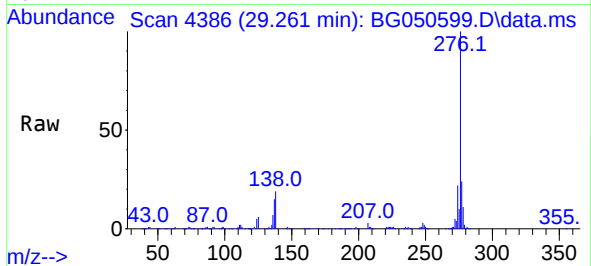
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.68 ng
RT: 29.261 min Scan# 4386
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion: 276 Resp: 757735
Ion Ratio Lower Upper
276 100
138 16.9 5.1 7.7#
277 25.2 19.8 29.6

Instrument :
BNA_G
ClientSampleId :
PB139878BS

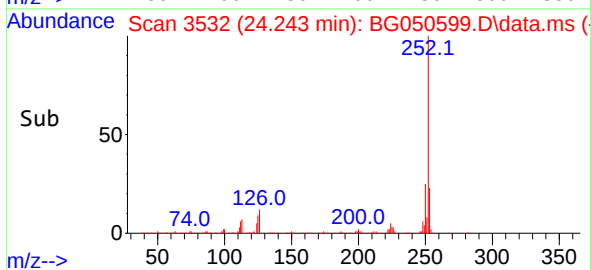
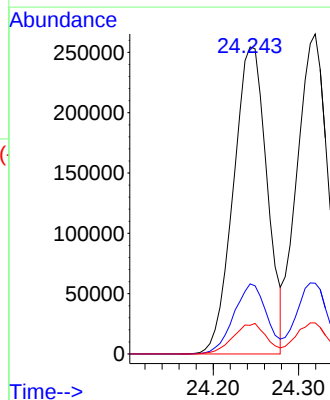
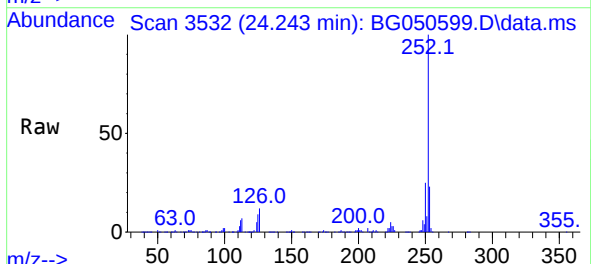
Manual Integrations
APPROVED

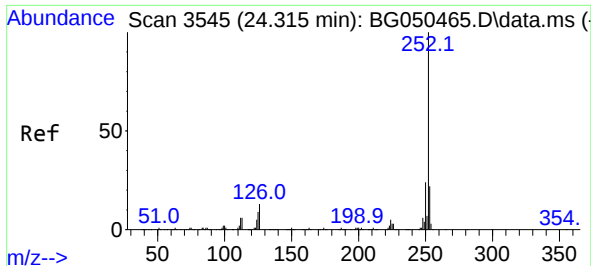
mohammad
10/18/2021 12:40:26 PM



#88
Benzo(b)fluoranthene
Concen: 46.74 ng
RT: 24.243 min Scan# 3532
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion: 252 Resp: 696892
Ion Ratio Lower Upper
252 100
253 22.8 16.2 24.4
125 9.3 3.0 4.4#





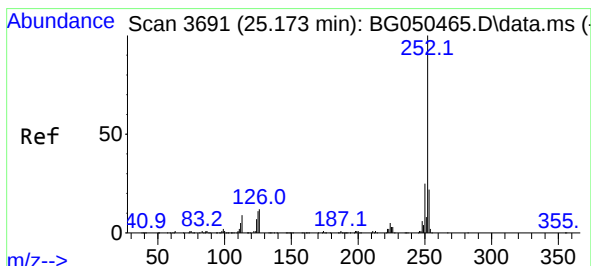
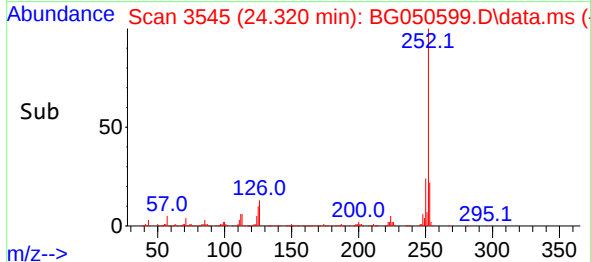
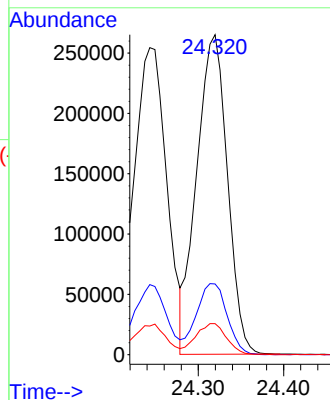
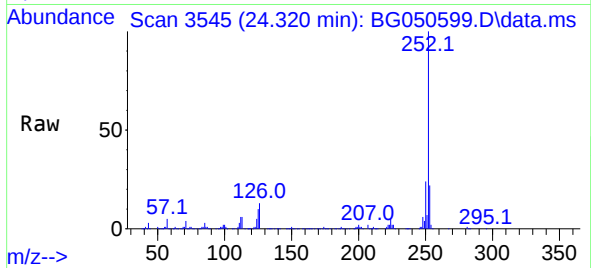
#89
Benzo(k)fluoranthene
Concen: 45.19 ng
RT: 24.320 min Scan# 3545
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:252 Resp: 662857
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 9.7 3.1 4.7#

Instrument :
BNA_G
ClientSampleId :
PB139878BS

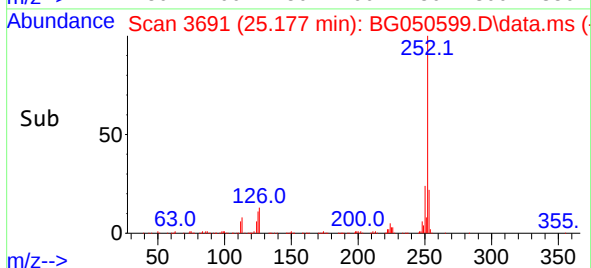
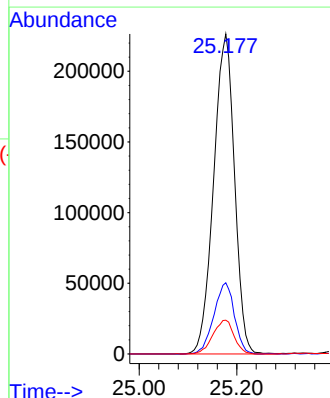
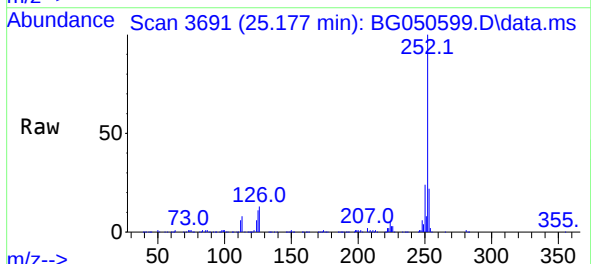
Manual Integrations
APPROVED

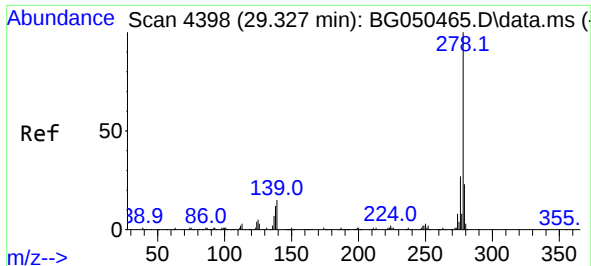
mohammad
10/18/2021 12:40:26 PM



#90
Benzo(a)pyrene
Concen: 53.09 ng
RT: 25.177 min Scan# 3691
Delta R.T. 0.004 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:252 Resp: 673107
Ion Ratio Lower Upper
252 100
253 22.3 16.6 25.0
125 10.5 3.5 5.3#





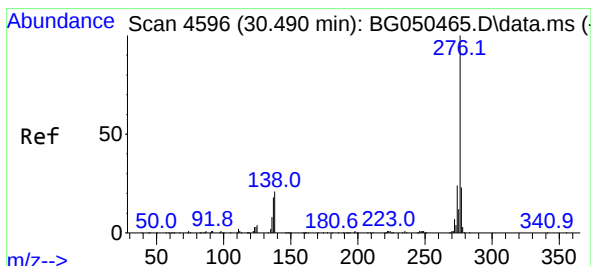
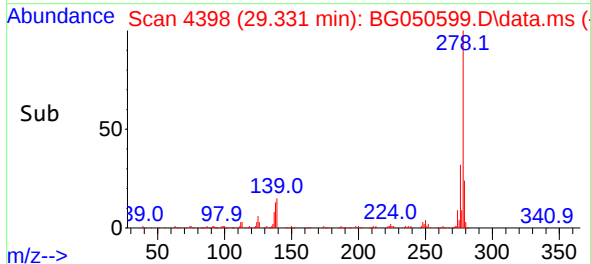
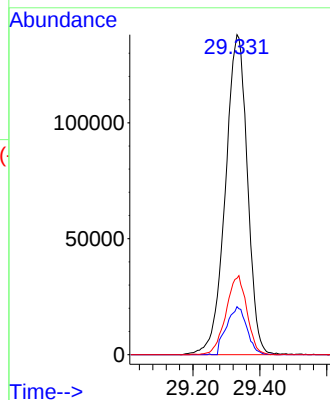
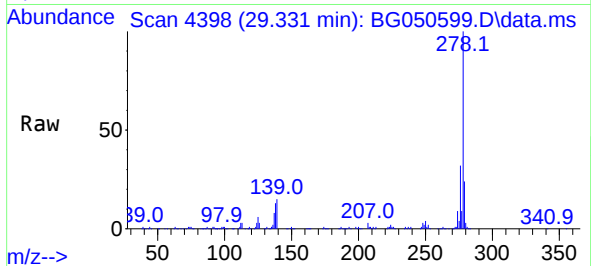
#91
Dibenzo(a,h)anthracene
Concen: 44.97 ng
RT: 29.331 min Scan# 4398
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:278 Resp: 630828
Ion Ratio Lower Upper
278 100
139 15.0 4.6 6.8#
279 23.9 17.9 26.9

Instrument :
BNA_G
ClientSampleId :
PB139878BS

Manual Integrations
APPROVED

mohammad
10/18/2021 12:40:26 PM



#92
Benzo(g,h,i)perylene
Concen: 45.50 ng
RT: 30.495 min Scan# 4596
Delta R.T. -0.002 min
Lab File: BG050599.D
Acq: 15 Oct 2021 11:48

Tgt Ion:276 Resp: 625076
Ion Ratio Lower Upper
276 100
277 23.8 18.4 27.6
138 20.9 7.0 10.6#

