

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050046.D
 Acq On : 31 Aug 2021 2:01
 Operator : CG/JU
 Sample : PB138632BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS632

Manual Integrations
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mohammad
 8/31/2021 11:35:56 AM

Quant Time: Aug 31 04:29:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	26040	20.000	ng/u1	0.00
20) Naphthalene-d8	10.780	136	109161	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.622	164	79391	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.377	188	170787	20.000	ng/u1	0.00
79) Chrysene-d12	21.654	240	148708	20.000	ng/u1	0.00
88) Perylene-d12	24.879	264	152355	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	3680	7.287	ng/uL	0.00
4) Pyridine-d5	3.743	84	56858	37.381	ng/u1	0.00
7) Phenol-d5	7.132	99	90788	41.058	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.279	67	46198	37.606	ng/u1	0.00
11) 2-Chlorophenol-d4	7.491	132	67022	40.508	ng/u1	0.00
15) 4-Methylphenol-d8	8.689	113	71738	41.195	ng/u1	0.00
21) Nitrobenzene-d5	9.135	128	34547	40.821	ng/u1	0.00
24) 2-Nitrophenol-d4	9.858	143	41169	40.854	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	76455	42.537	ng/u1	0.00
31) 4-Chloroaniline-d4	10.921	131	95815	39.165	ng/u1	0.00
46) Dimethylphthalate-d6	14.023	166	228597	37.624	ng/u1	0.00
49) Acenaphthylene-d8	14.317	160	291462	40.913	ng/u1	0.00
54) 4-Nitrophenol-d4	14.857	143	31732	36.097	ng/u1	0.01
60) Fluorene-d10	15.621	176	205571	39.905	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.756	200	38686	35.209	ng/u1	0.00
73) Anthracene-d10	17.477	188	315742	41.170	ng/u1	0.00
81) Pyrene-d10	19.768	212	348634	43.384	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.661	264	319180	39.488	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.349	88	7343	11.928	ng/uL#	77
5) Pyridine	3.760	79	53344	32.449	ng/u1	93
6) Benzaldehyde	7.091	77	48339	37.988	ng/u1	95
8) Phenol	7.162	94	84666	37.908	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.373	93	55186	35.793	ng/u1	98
12) 2-Chlorophenol	7.526	128	63453	38.811	ng/u1#	84
13) 2-Methylphenol	8.419	108	66185	38.410	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.489	45	58579	36.232	ng/u1	97
16) Acetophenone	8.789	105	104804	36.903	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.771	70	53976	37.850	ng/u1#	92
18) 4-Methylphenol	8.748	108	68025	36.696	ng/u1#	70
19) Hexachloroethane	9.047	117	29213	40.829	ng/u1	95
22) Nitrobenzene	9.176	77	85784	37.408	ng/u1	93
23) Isophorone	9.699	82	147820	36.179	ng/u1	97
25) 2-Nitrophenol	9.893	139	38459	39.254	ng/u1	97
26) 2,4-Dimethylphenol	9.958	107	85090	39.079	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.181	93	80109	37.969	ng/u1	98
29) 2,4-Dichlorophenol	10.439	162	66619	40.382	ng/u1	95
30) Naphthalene	10.833	128	211063	38.683	ng/u1	98
32) 4-Chloroaniline	10.945	127	86993	36.923	ng/u1	94
33) Hexachlorobutadiene	11.109	225	52867	39.614	ng/u1	96
34) Caprolactam	11.714	113	22273m	38.543	ng/u1	
35) 4-Chloro-3-methylphenol	12.084	107	80566	40.863	ng/u1	99
36) 2-Methylnaphthalene	12.443	142	161867	39.909	ng/u1	96

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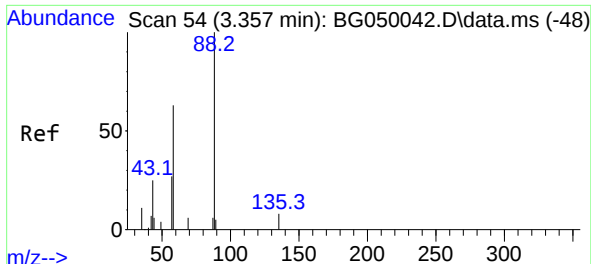
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.666	142	153404	37.471	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.819	216	91915	39.417	ng/ul#	97
40) Hexachlorocyclopentadiene	12.789	237	13684	13.112	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.065	196	60020	40.390	ng/ul	91
42) 2,4,5-Trichlorophenol	13.148	196	61189	39.288	ng/ul	92
43) 1,1'-Biphenyl	13.453	154	208079	37.515	ng/ul	99
44) 2-Chloronaphthalene	13.500	162	169962	38.150	ng/ul	98
45) 2-Nitroaniline	13.706	65	59252	39.172	ng/ul	91
47) Dimethylphthalate	14.070	163	209780	34.887	ng/ul	99
48) 2,6-Dinitrotoluene	14.205	165	47053	37.902	ng/ul	88
50) Acenaphthylene	14.346	152	251376	38.607	ng/ul	99
51) 3-Nitroaniline	14.534	138	43930	36.671	ng/ul	92
52) Acenaphthene	14.687	153	182057	38.545	ng/ul	97
53) 2,4-Dinitrophenol	14.757	184	17917	28.258	ng/ul	91
55) 4-Nitrophenol	14.869	109	37120	33.305	ng/ul	94
56) Dibenzofuran	15.022	168	248361	37.971	ng/ul	100
57) 2,4-Dinitrotoluene	14.998	165	67706	37.915	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.262	232	52258	40.492	ng/ul#	92
59) Diethylphthalate	15.433	149	221300	35.976	ng/ul	98
61) Fluorene	15.674	166	211526	38.331	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.662	204	108964	37.319	ng/ul	97
63) 4-Nitroaniline	15.703	138	47616	39.831	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.773	198	32095	32.227	ng/ul	96
67) N-Nitrosodiphenylamine	15.879	169	179271	39.870	ng/ul	99
68) 4-Bromophenyl-phenylether	16.561	248	79440	42.047	ng/ul	96
69) Hexachlorobenzene	16.690	284	87201	39.970	ng/ul	97
70) Atrazine	16.831	200	79110	39.603	ng/ul	98
71) Pentachlorophenol	17.042	266	25884	28.019	ng/ul	99
72) Phenanthrene	17.424	178	332178	39.015	ng/ul	98
74) Anthracene	17.512	178	333816	38.690	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.424	216	95654	41.745	ng/ul	94
76) Pentachlorobenzene	14.951	250	97905	40.324	ng/ul	94
77) Carbazole	17.788	167	294256	38.327	ng/ul	97
78) Di-n-butylphthalate	18.329	149	364380	37.109	ng/ul	99
80) Fluoranthene	19.433	202	399713	40.308	ng/ul#	98
82) Pyrene	19.797	202	391406	39.832	ng/ul	99
83) Butylbenzylphthalate	20.673	149	150044	38.693	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.542	252	118874	33.722	ng/ul	95
85) Benzo(a)anthracene	21.636	228	353456	38.145	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.519	149	211955	39.801	ng/ul	98
87) Chrysene	21.701	228	339057	38.709	ng/ul	96
89) Di-n-octyl phthalate	22.729	149	343290	37.982	ng/ul	100
90) Benzo(b)fluoranthene	23.857	252	363368m	37.285	ng/ul	
91) Benzo(k)fluoranthene	23.921	252	352003	37.999	ng/ul	99
93) Benzo(a)pyrene	24.732	252	322247	38.074	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.591	276	425366	38.100	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.632	278	349658	37.412	ng/ul	98
96) Benzo(g,h,i)perylene	29.749	276	347319	37.003	ng/ul	98

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



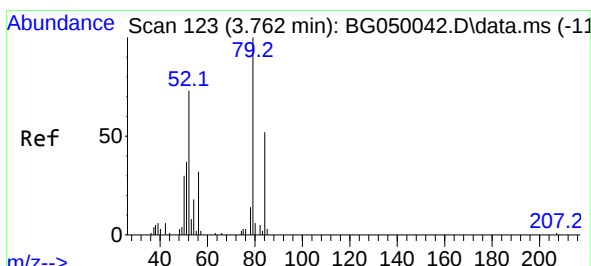
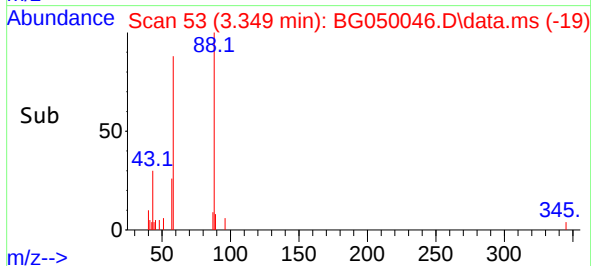
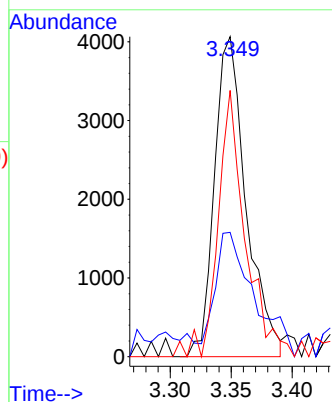
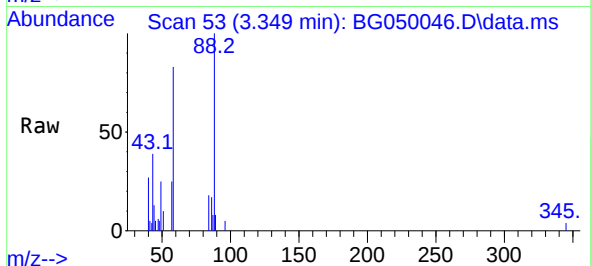
#2
1,4-Dioxane
Concen: 11.928 ng/uL
RT: 3.349 min Scan# 53
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

Tgt Ion: 88 Resp: 7343
Ion Ratio Lower Upper
88 100
43 38.8 21.6 32.4#
58 83.2 52.0 78.0#

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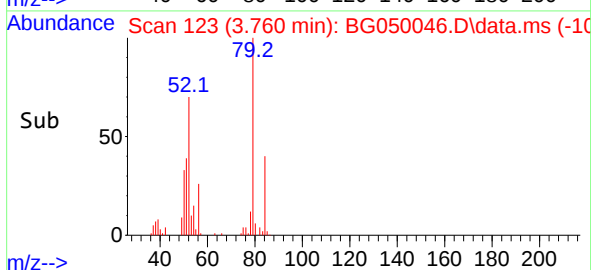
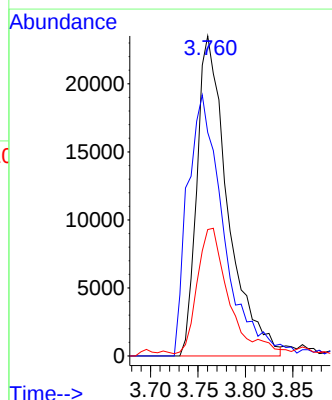
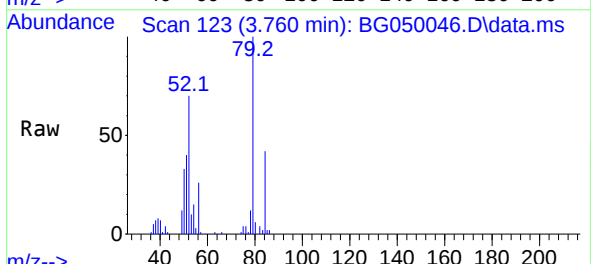
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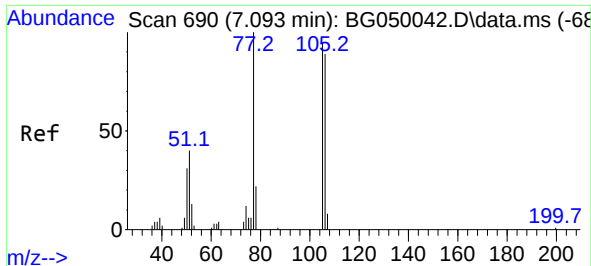
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#5
Pyridine
Concen: 32.449 ng/uL
RT: 3.760 min Scan# 123
Delta R.T. -0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

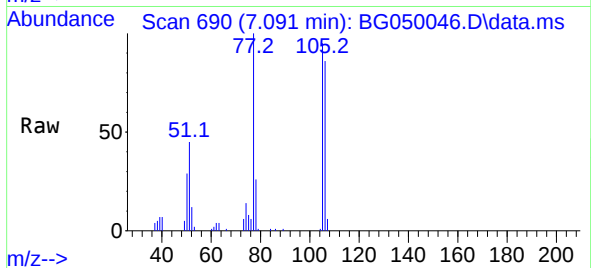
Tgt Ion: 79 Resp: 53344
Ion Ratio Lower Upper
79 100
52 69.8 61.1 91.7
51 39.5 34.8 52.2





#6
Benzaldehyde
Concen: 37.988 ng/ul
RT: 7.091 min Scan# 690
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

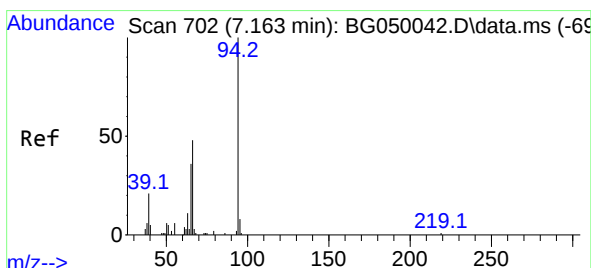
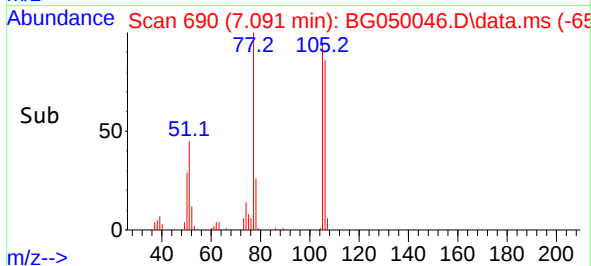
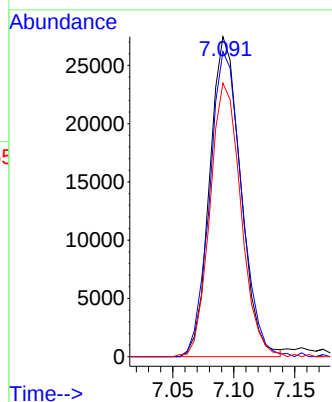
Instrument :
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ClientSampleId :
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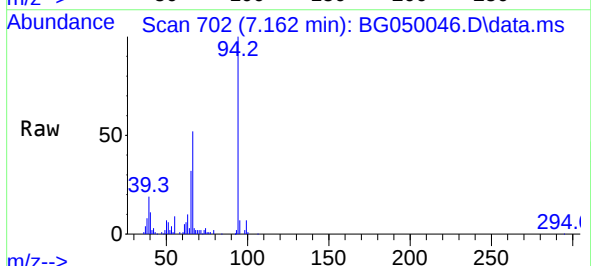
Tgt Ion: 77 Resp: 48339
Ion Ratio Lower Upper
77 100
105 95.3 72.3 108.5
106 85.5 72.3 108.5

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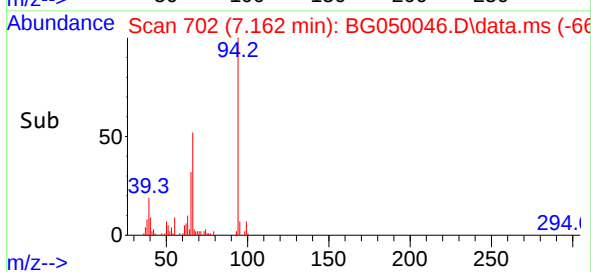
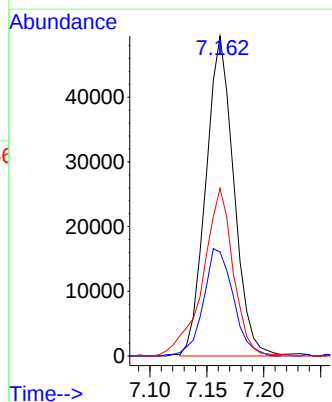
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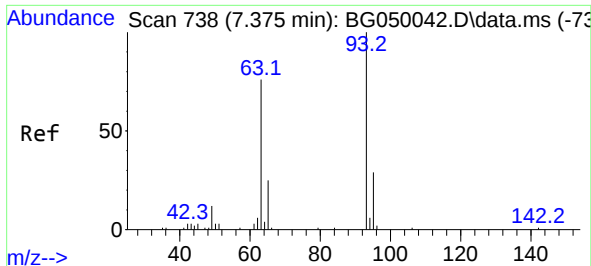


#8
Phenol
Concen: 37.908 ng/ul
RT: 7.162 min Scan# 702
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

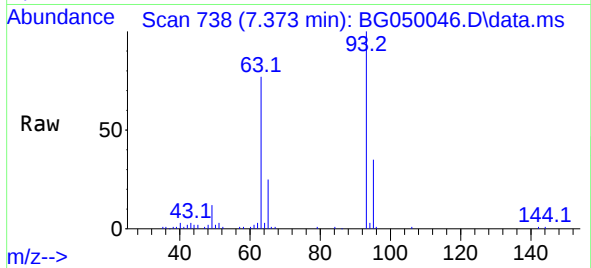


Tgt Ion: 94 Resp: 84666
Ion Ratio Lower Upper
94 100
65 32.5 27.7 41.5
66 52.4 39.0 58.4

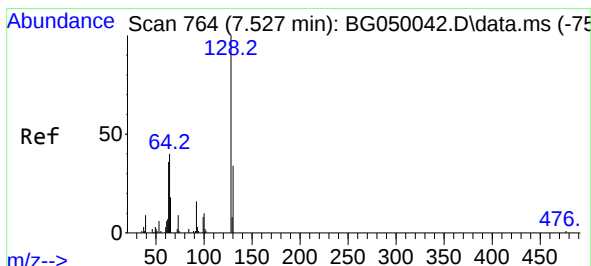
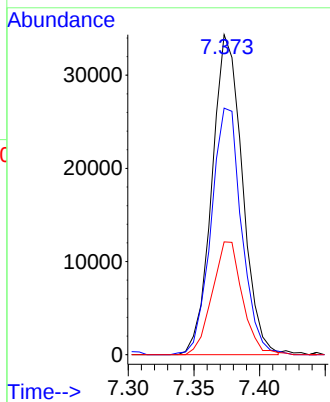
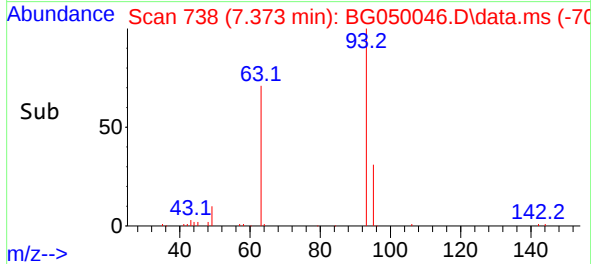




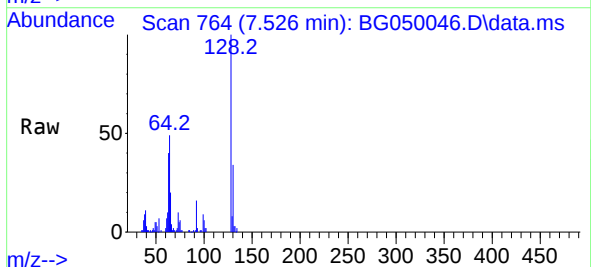
#10
Bis(2-Chloroethyl)ether
Concen: 35.793 ng/ul
RT: 7.373 min Scan# 738
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



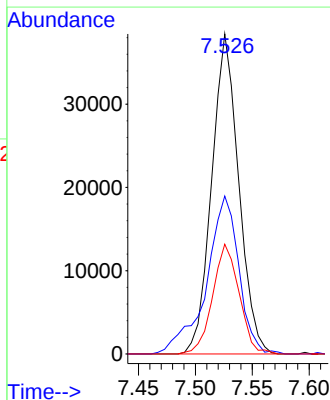
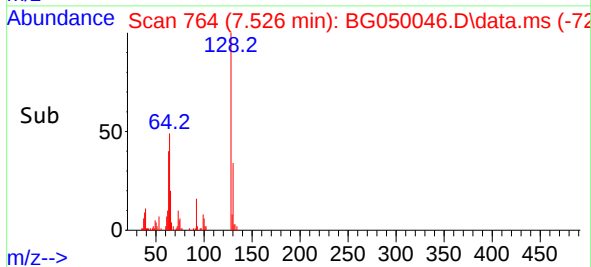
Tgt Ion:	93	Resp:	55186
Ion	Ratio	Lower	Upper
93	100		
63	77.0	59.9	89.9
95	35.2	27.6	41.4



#12
2-Chlorophenol
Concen: 38.811 ng/ul
RT: 7.526 min Scan# 764
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



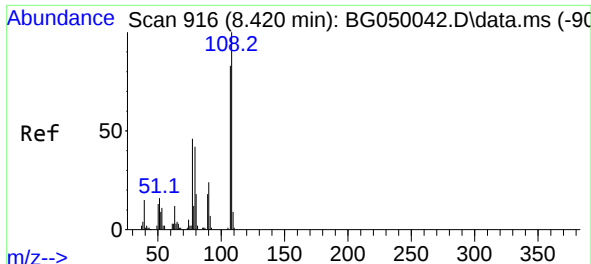
Tgt Ion:	128	Resp:	63453
Ion	Ratio	Lower	Upper
128	100		
64	49.4	28.0	42.0#
130	34.3	24.4	36.6



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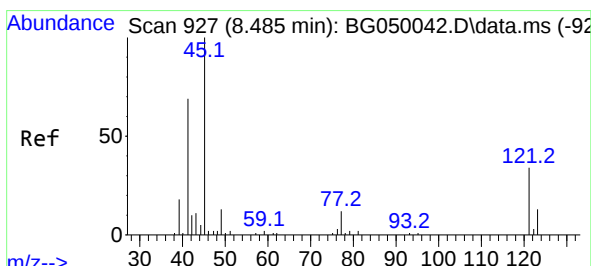
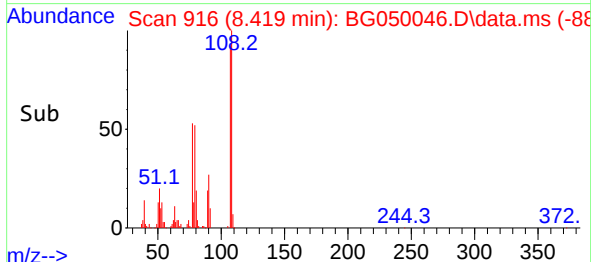
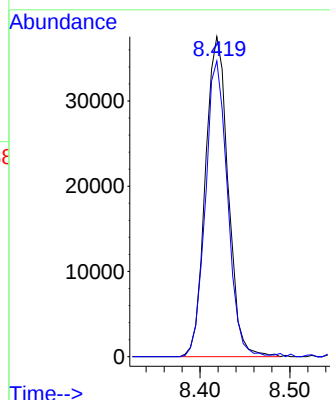
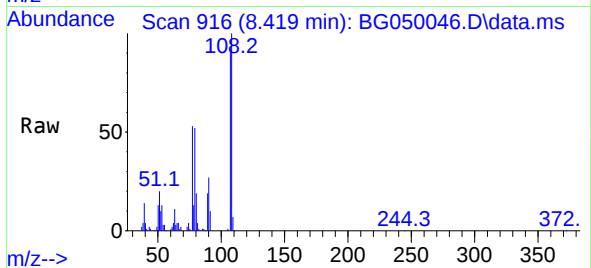
#13
2-Methylphenol
Concen: 38.410 ng/ul
RT: 8.419 min Scan# 916
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

Tgt Ion: 108 Resp: 66185
Ion Ratio Lower Upper
108 100
107 92.4 71.0 106.4

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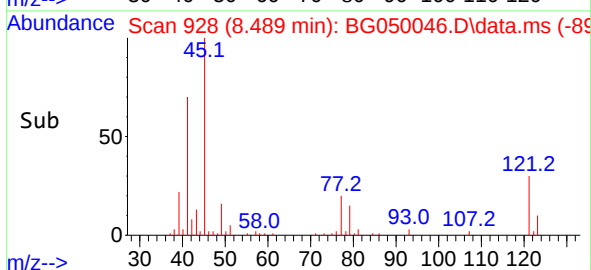
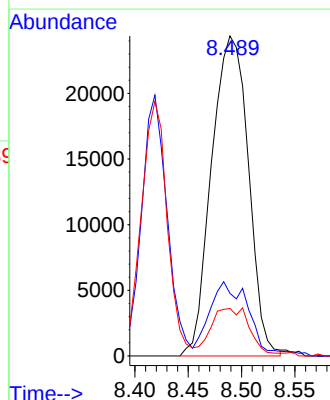
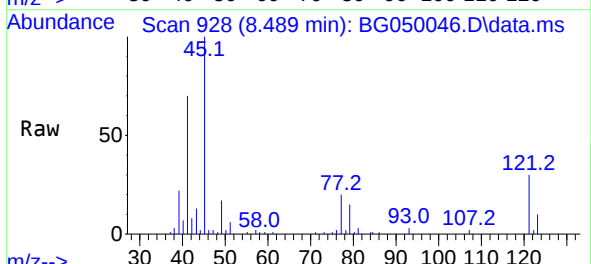
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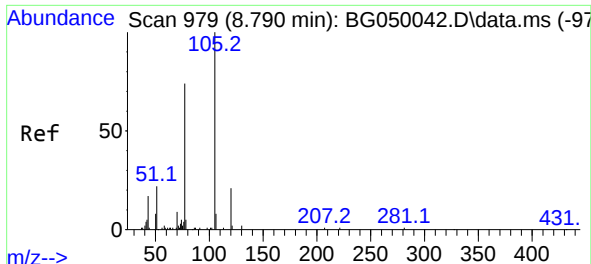
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 36.232 ng/ul
RT: 8.489 min Scan# 928
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

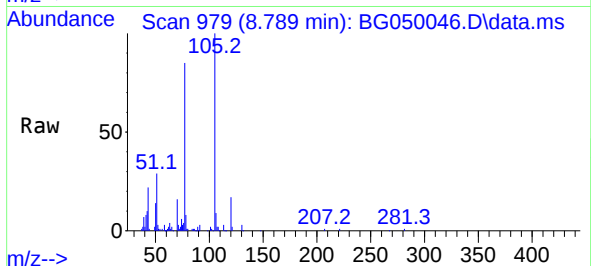
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Ion Ratio Lower Upper
45 100
77 19.6 16.9 25.3
79 14.8 11.0 16.4





#16
Acetophenone
Concen: 36.903 ng/ul
RT: 8.789 min Scan# 979
Delta R.T. 0.000 min
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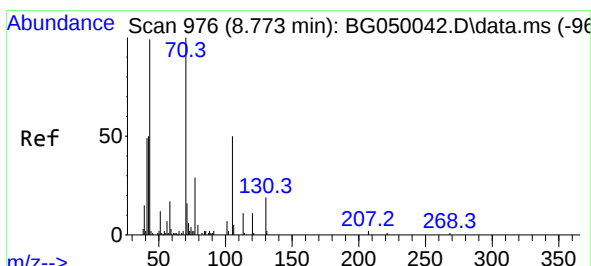
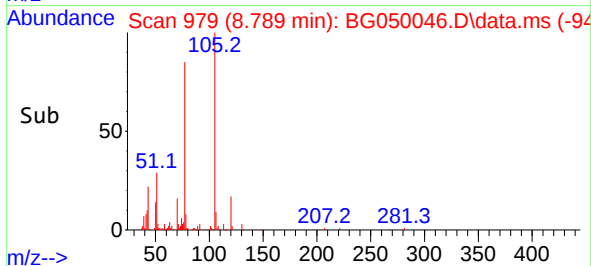
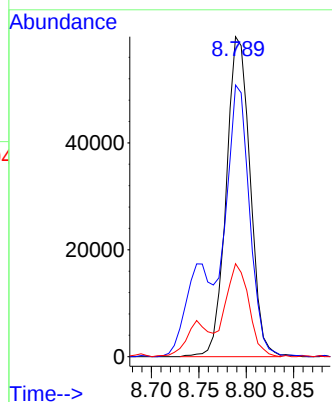
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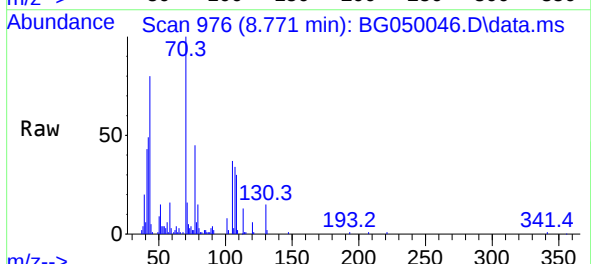
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Ion Ratio Lower Upper
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77 84.9 67.7 101.5
51 29.0 25.3 37.9

Manual Integrations
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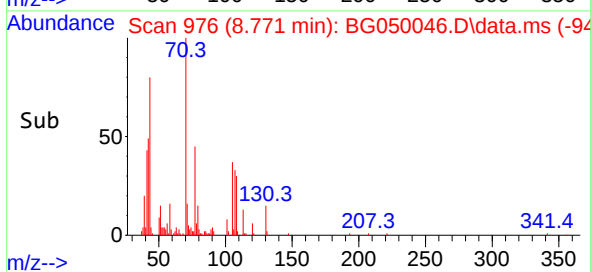
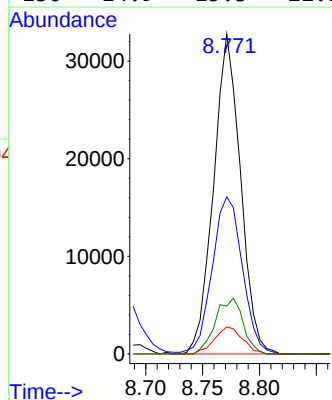
mohammad
8/31/2021 11:35:56 AM

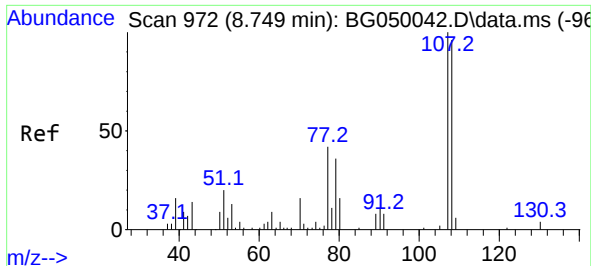


#17
N-Nitroso-di-n-propylamine
Concen: 37.850 ng/ul
RT: 8.771 min Scan# 976
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



Tgt Ion: 70 Resp: 53976
Ion Ratio Lower Upper
70 100
42 49.1 44.2 66.4
101 8.5 7.8 11.8
130 14.9 15.3 22.9





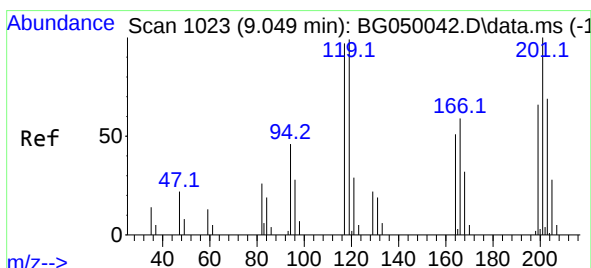
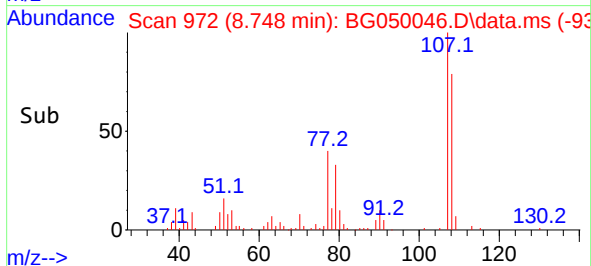
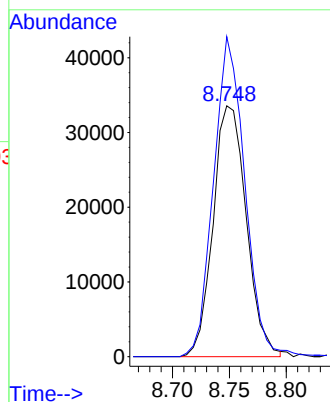
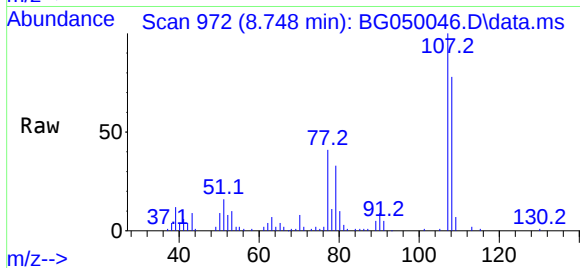
#18
4-Methylphenol
Concen: 36.696 ng/ul
RT: 8.748 min Scan# 972
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

Instrument :
BNA_G
ClientSampled :
SLCS632

Tgt Ion:108 Resp: 68025
Ion Ratio Lower Upper
108 100
107 127.6 78.3 117.5#

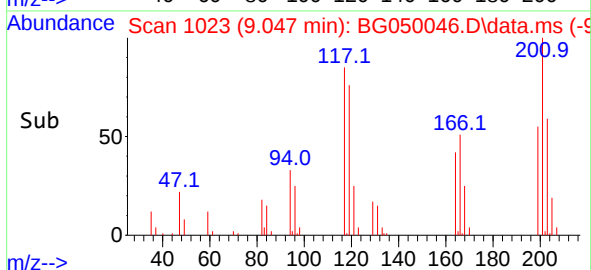
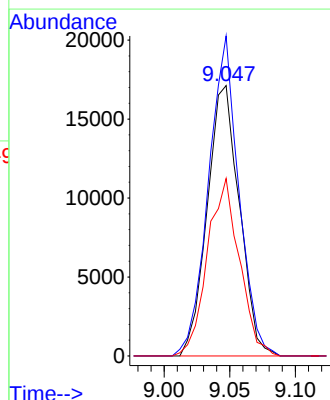
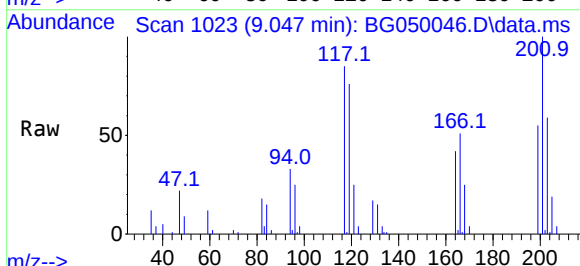
Manual Integrations
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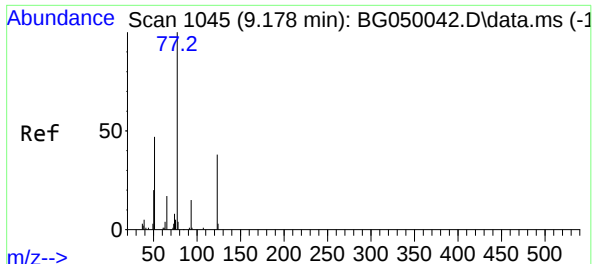
mohammad
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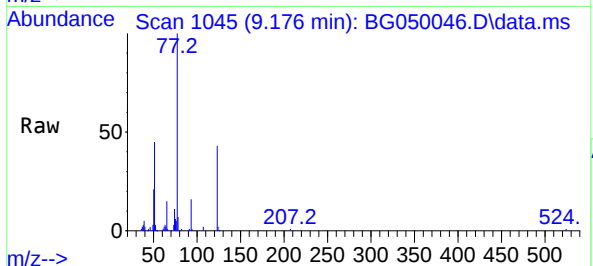
#19
Hexachloroethane
Concen: 40.829 ng/ul
RT: 9.047 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

Tgt Ion:117 Resp: 29213
Ion Ratio Lower Upper
117 100
201 118.3 89.3 133.9
199 65.6 50.5 75.7

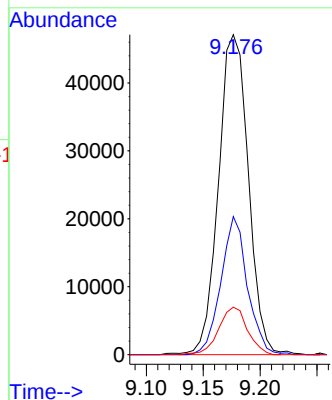




#22
Nitrobenzene
Concen: 37.408 ng/u1
RT: 9.176 min Scan# 1045
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



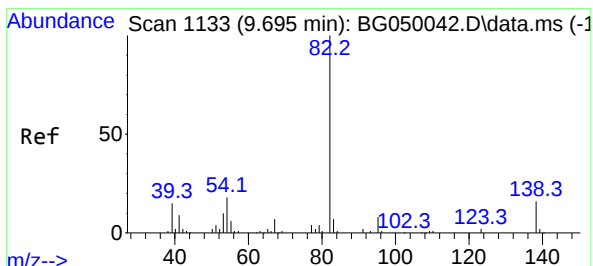
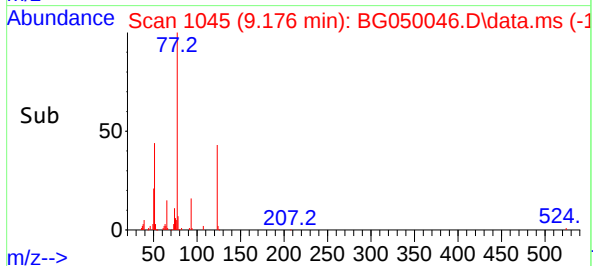
Tgt Ion: 77 Resp: 85784
Ion Ratio Lower Upper
77 100
123 43.2 30.4 45.6
65 14.8 11.3 16.9



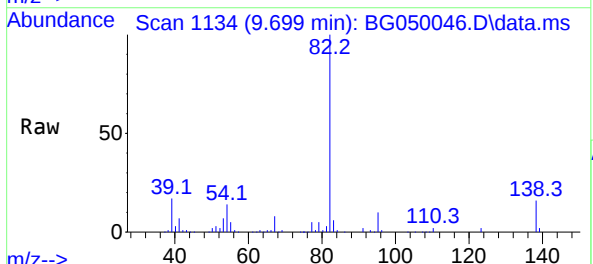
Instrument :
BNA_G
ClientSampled :
SLCS632

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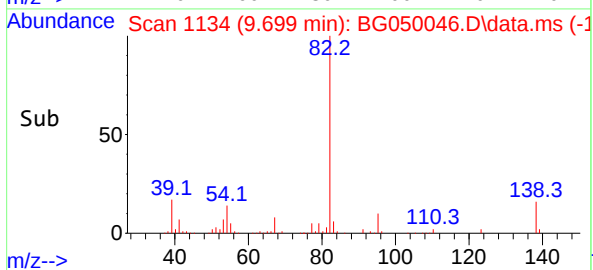
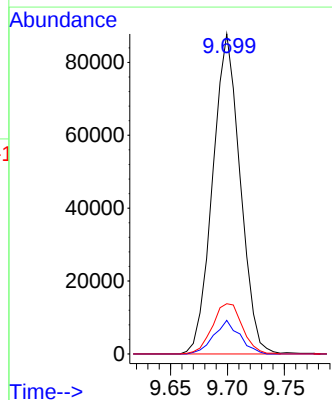
mohammad
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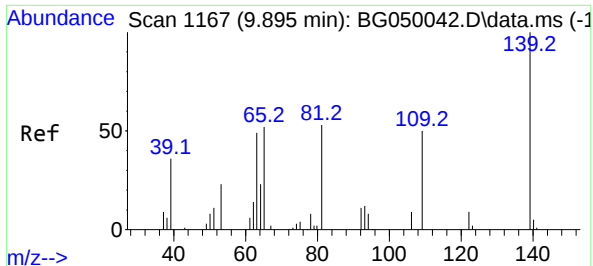


#23
Isophorone
Concen: 36.179 ng/u1
RT: 9.699 min Scan# 1134
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



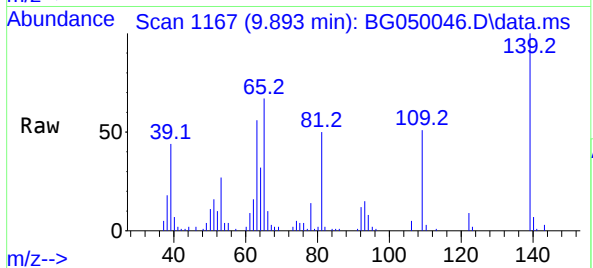
Tgt Ion: 82 Resp: 147820
Ion Ratio Lower Upper
82 100
95 10.5 7.8 11.8
138 15.7 11.4 17.0





#25
2-Nitrophenol
Concen: 39.254 ng/ul
RT: 9.893 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

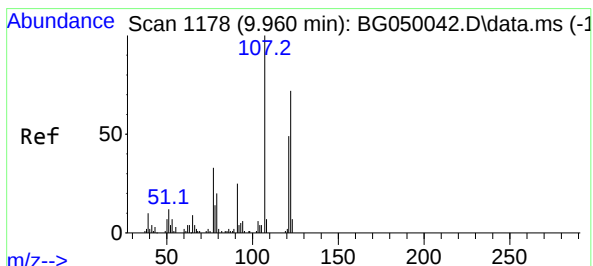
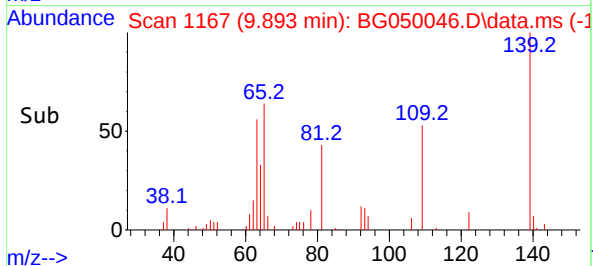
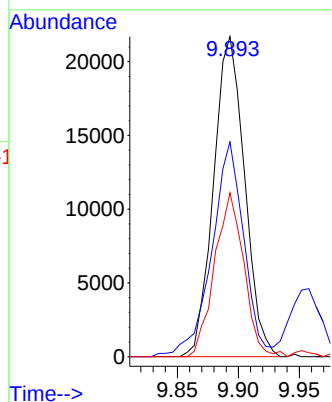
Instrument :
BNA_G
ClientSampled :
SLCS632



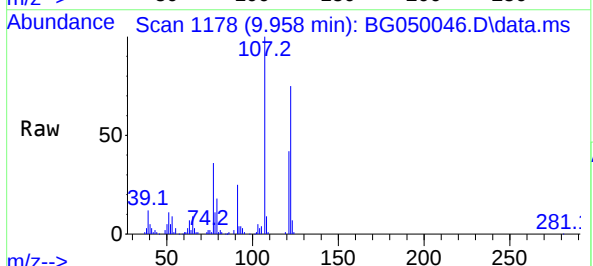
Tgt Ion:139 Resp: 38459
Ion Ratio Lower Upper
139 100
65 67.1 53.1 79.7
109 51.2 44.1 66.1

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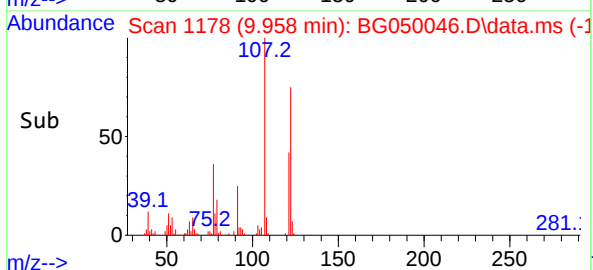
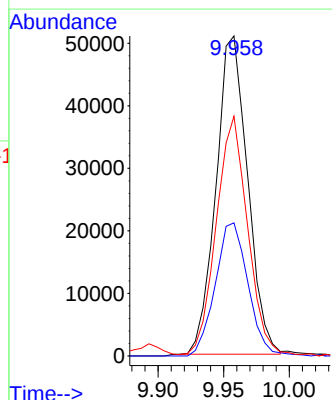
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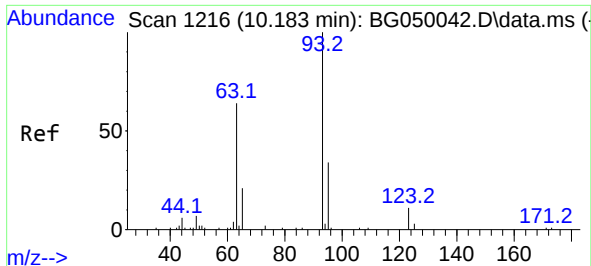


#26
2,4-Dimethylphenol
Concen: 39.079 ng/ul
RT: 9.958 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



Tgt Ion:107 Resp: 85090
Ion Ratio Lower Upper
107 100
121 41.6 32.7 49.1
122 74.9 52.6 79.0





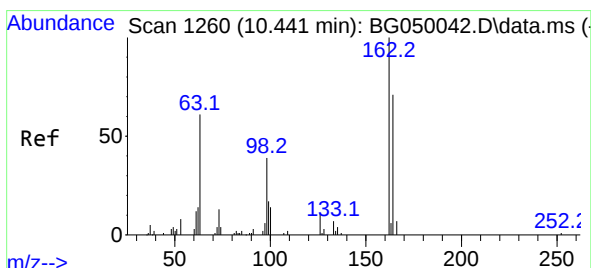
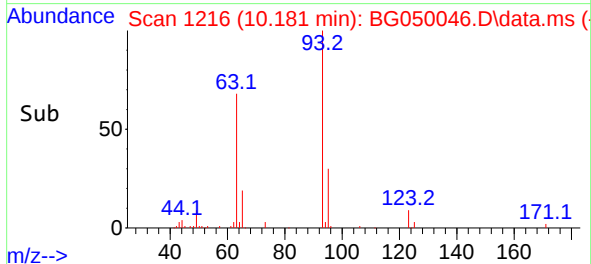
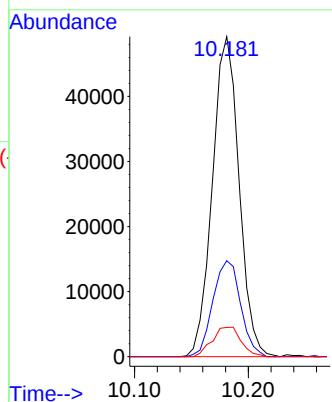
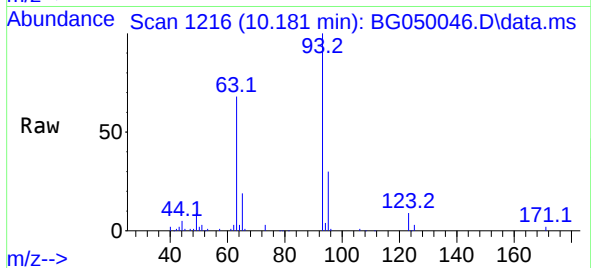
#27
 Bis(2-Chloroethoxy)methane
 Concen: 37.969 ng/ul
 RT: 10.181 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: BG050046.D
 Acq: 31 Aug 2021 2:01

Instrument :
 BNA_G
 ClientSampled :
 SLCS632

Tgt Ion:	93	Resp:	80109
Ion Ratio	Lower	Upper	
93	100		
95	30.0	24.8	37.2
123	9.2	8.2	12.2

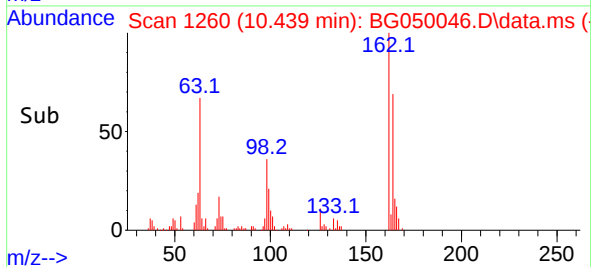
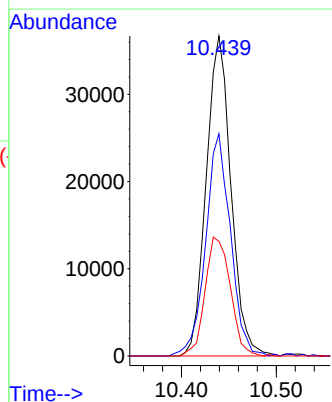
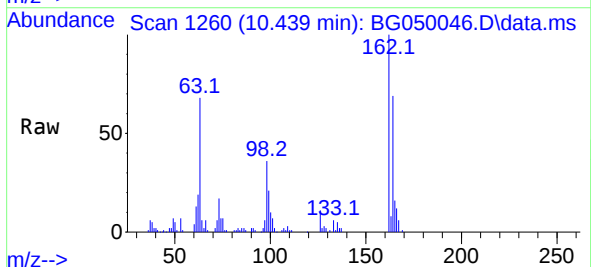
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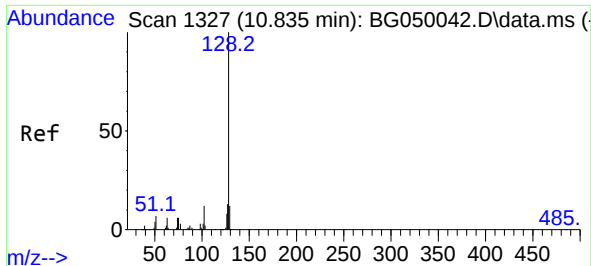
mohammad
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#29
 2,4-Dichlorophenol
 Concen: 40.382 ng/ul
 RT: 10.439 min Scan# 1260
 Delta R.T. 0.006 min
 Lab File: BG050046.D
 Acq: 31 Aug 2021 2:01

Tgt Ion:	162	Resp:	66619
Ion Ratio	Lower	Upper	
162	100		
164	69.4	51.0	76.6
98	35.8	27.8	41.8





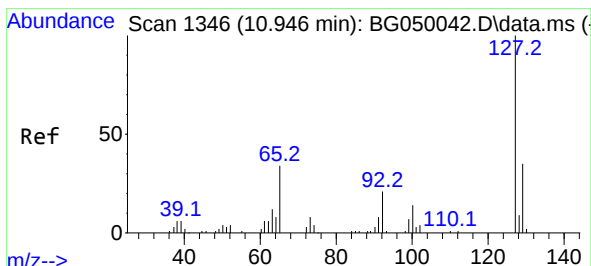
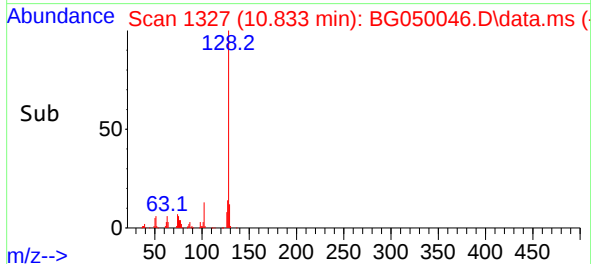
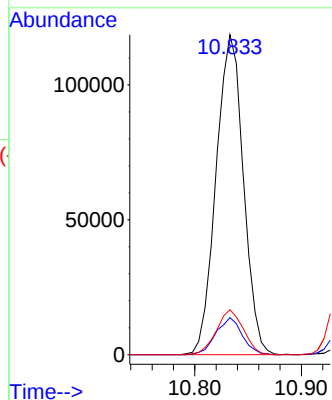
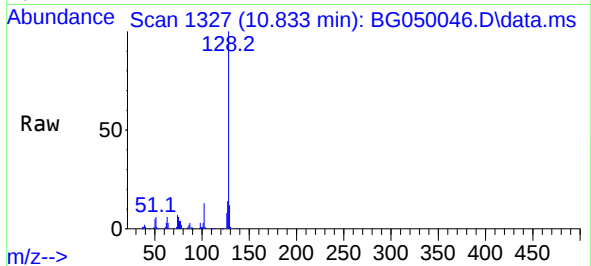
#30
Naphthalene
Concen: 38.683 ng/u1
RT: 10.833 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

Tgt Ion:128 Resp: 211063
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 14.1 9.8 14.6

Instrument :
BNA_G
ClientSampled :
SLCS632

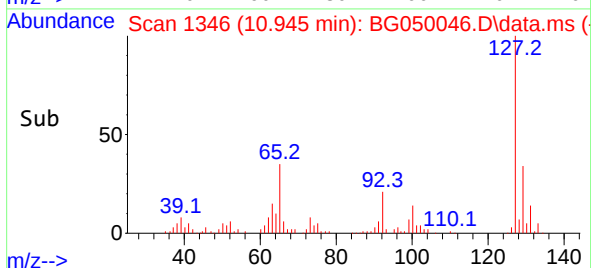
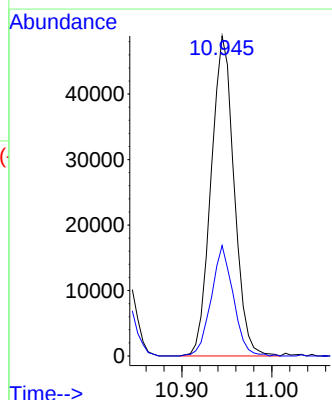
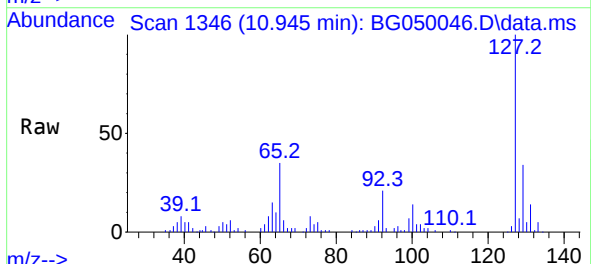
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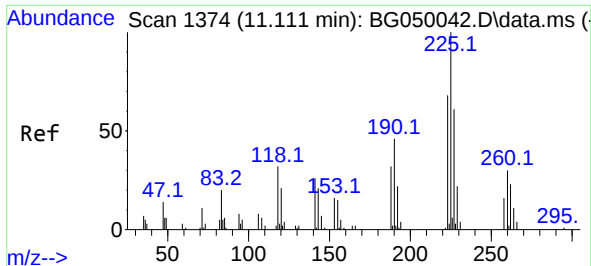
mohammad
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#32
4-Chloroaniline
Concen: 36.923 ng/u1
RT: 10.945 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

Tgt Ion:127 Resp: 86993
Ion Ratio Lower Upper
127 100
129 34.5 30.3 45.5





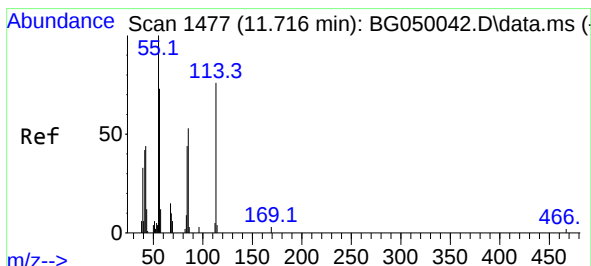
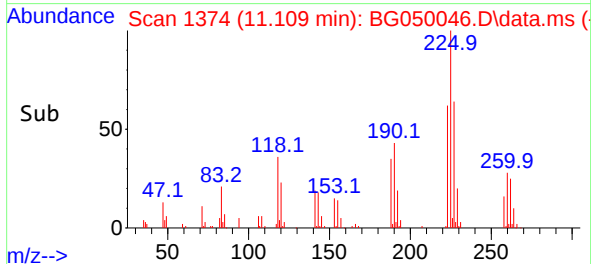
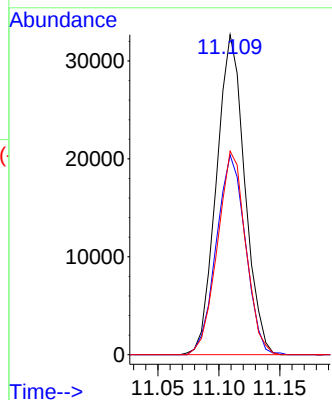
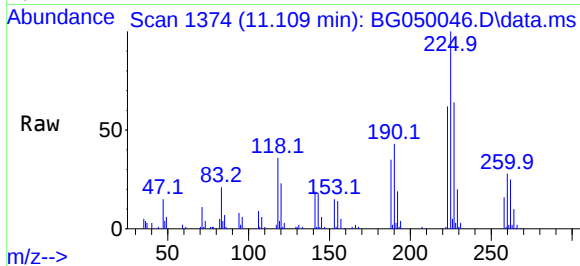
#33
Hexachlorobutadiene
Concen: 39.614 ng/ul
RT: 11.109 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

Instrument :
BNA_G
ClientSampled :
SLCS632

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.3	76.9
227	63.6	55.1	82.7

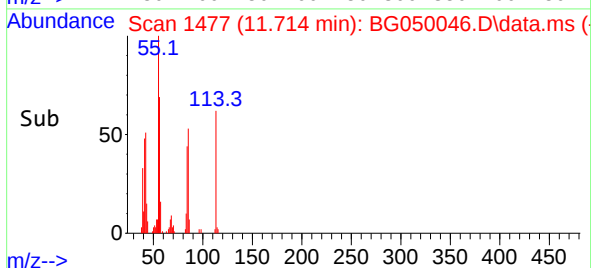
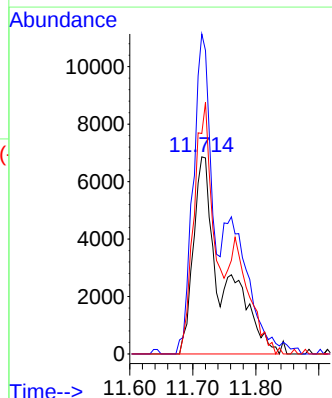
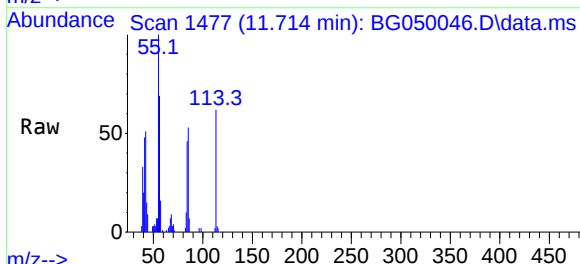
Manual Integrations
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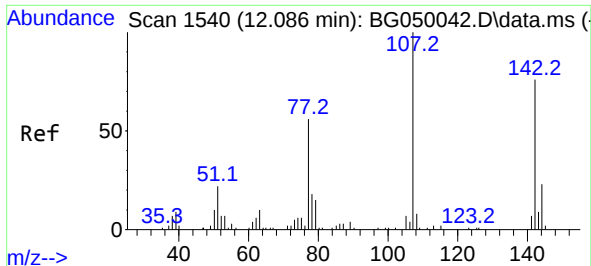
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#34
Caprolactam
Concen: 38.543 ng/ul m
RT: 11.714 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

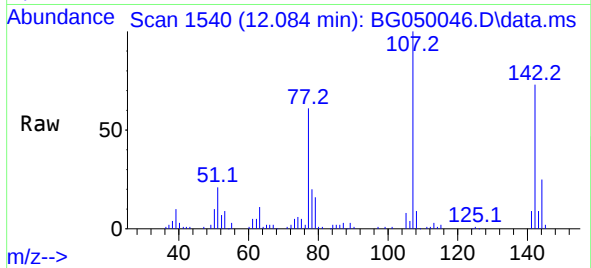
Tgt Ion	Ratio	Lower	Upper
113	100		
55	162.3	114.0	171.0
56	111.8	107.4	161.0





#35
4-Chloro-3-methylphenol
Concen: 40.863 ng/ul
RT: 12.084 min Scan# 1540
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

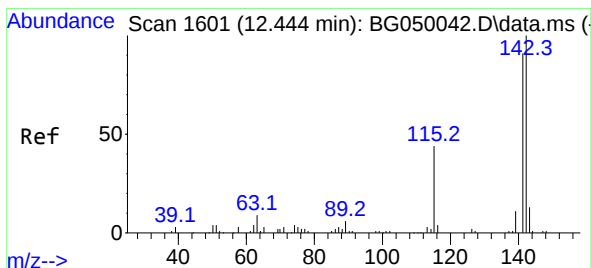
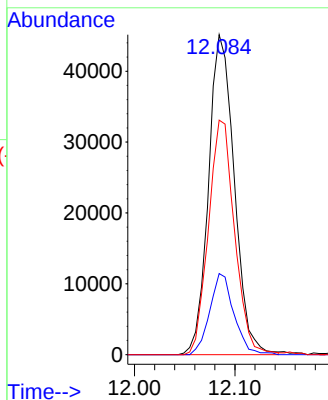
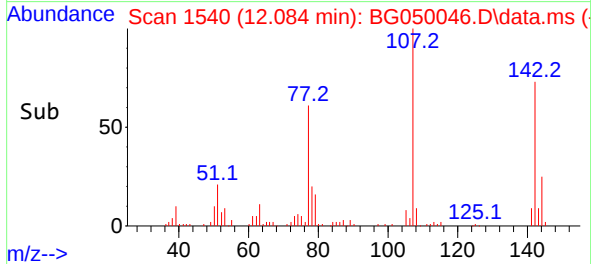
Instrument :
BNA_G
ClientSampled :
SLCS632



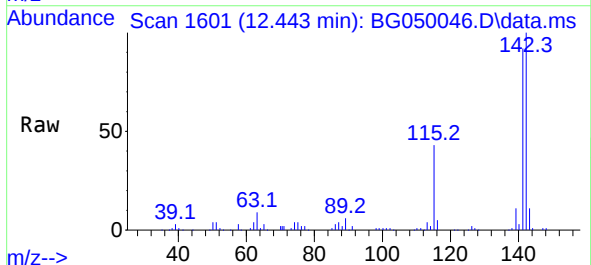
Tgt Ion:107 Resp: 80566
Ion Ratio Lower Upper
107 100
144 25.4 18.9 28.3
142 73.3 59.2 88.8

Manual Integrations
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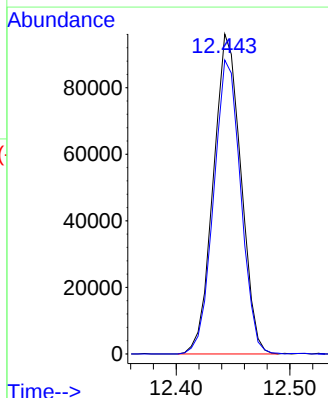
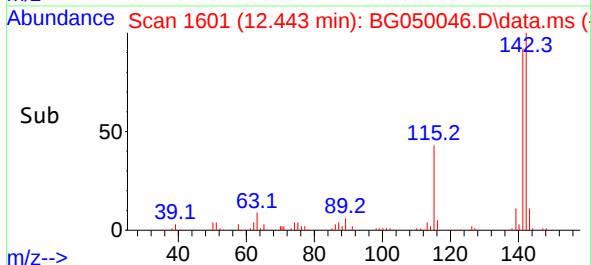
mohammad
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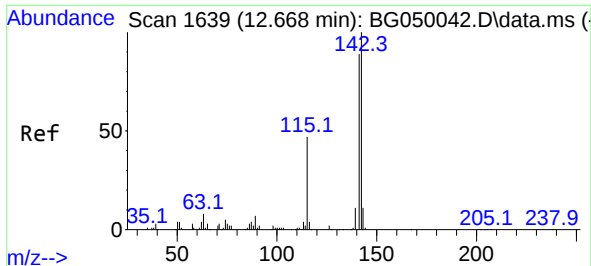


#36
2-Methylnaphthalene
Concen: 39.909 ng/ul
RT: 12.443 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



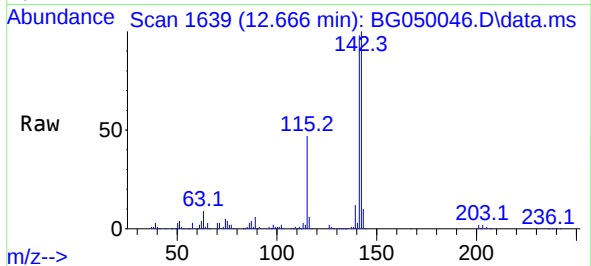
Tgt Ion:142 Resp: 161867
Ion Ratio Lower Upper
142 100
141 91.9 70.5 105.7





#37
1-Methylnaphthalene
Concen: 37.471 ng/ul
RT: 12.666 min Scan# 1639
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

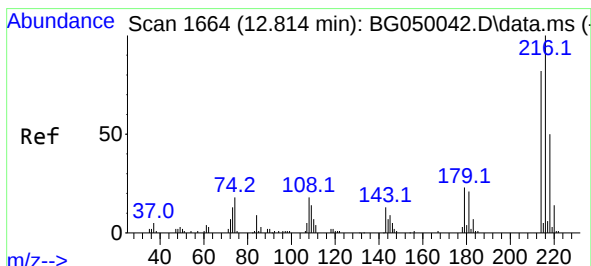
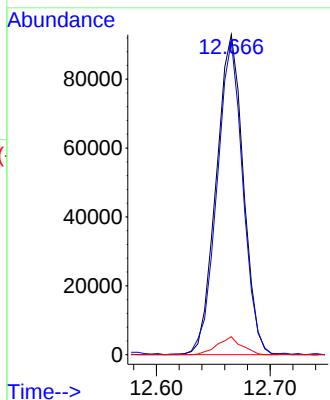
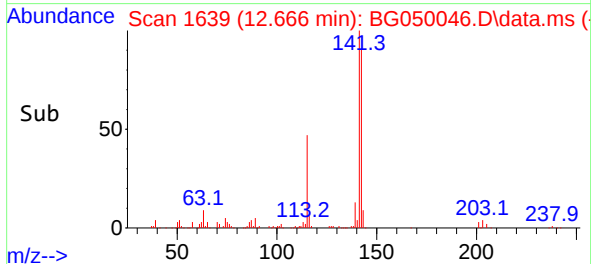
Instrument :
BNA_G
ClientSampled :
SLCS632



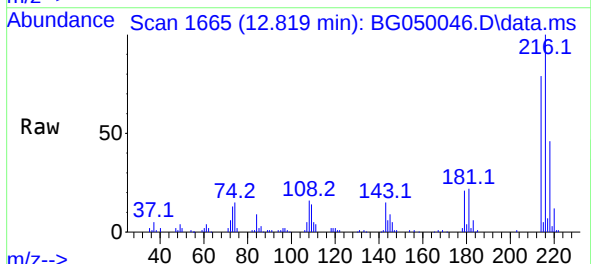
Tgt Ion:142 Resp: 153404
Ion Ratio Lower Upper
142 100
141 98.0 75.8 113.8
116 5.6 3.7 5.5#

Manual Integrations
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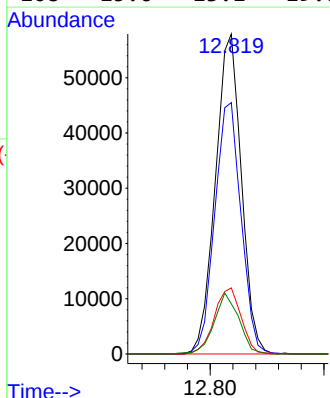
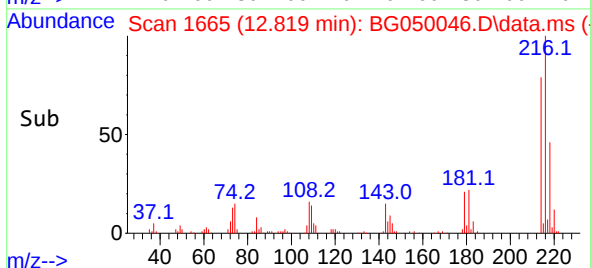
mohammad
8/31/2021 11:35:56 AM

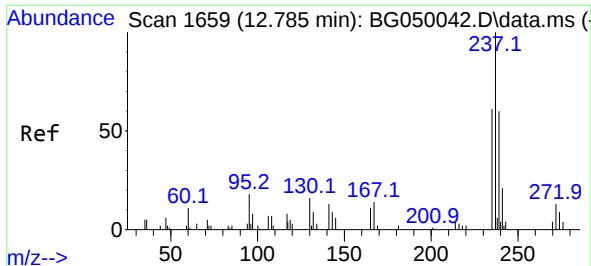


#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.417 ng/ul
RT: 12.819 min Scan# 1665
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



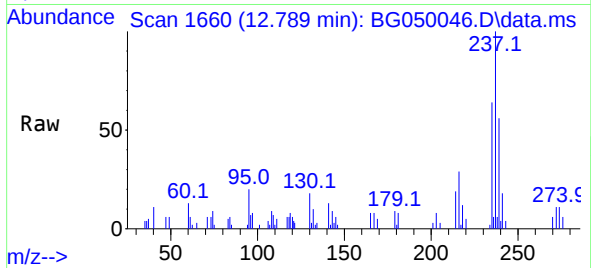
Tgt Ion:216 Resp: 91915
Ion Ratio Lower Upper
216 100
214 78.5 64.2 96.2
179 20.7 12.8 19.2#
108 15.6 13.1 19.7





#40
Hexachlorocyclopentadiene
Concen: 13.112 ng/ul
RT: 12.789 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

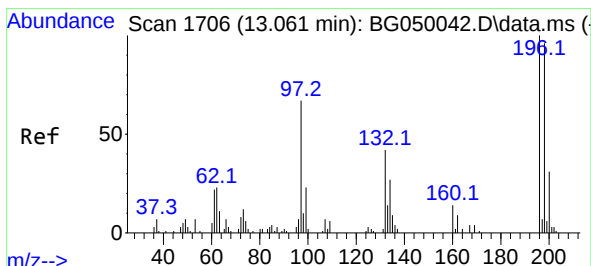
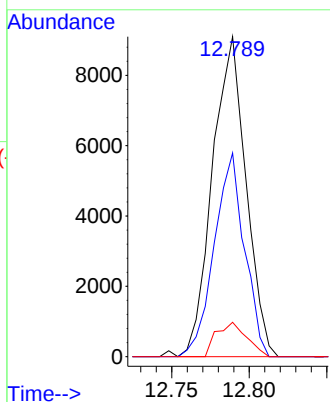
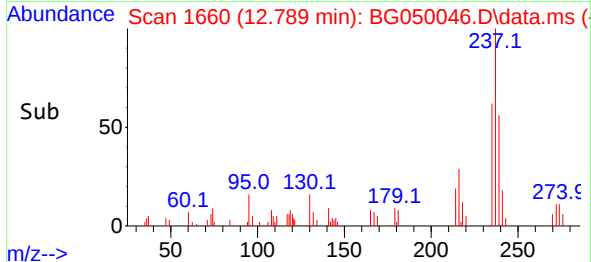
Instrument :
BNA_G
ClientSampled :
SLCS632



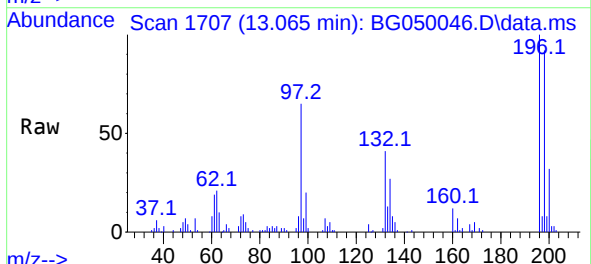
Tgt Ion:237 Resp: 13684
Ion Ratio Lower Upper
237 100
235 63.7 53.5 80.3
272 10.7 11.5 17.3#

Manual Integrations
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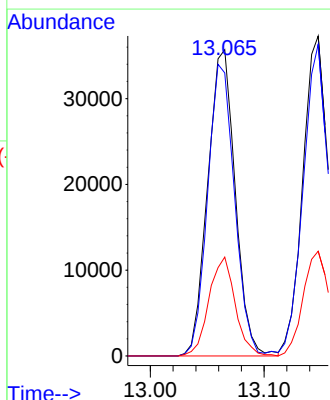
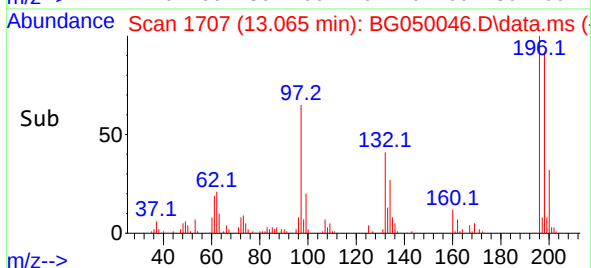
mohammad
8/31/2021 11:35:56 AM

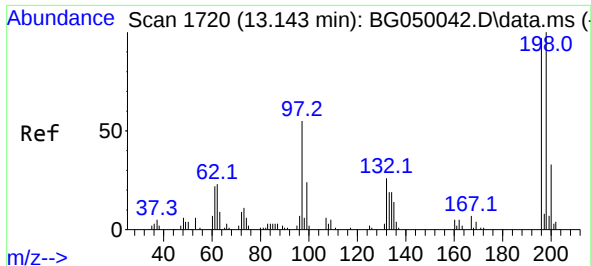


#41
2,4,6-Trichlorophenol
Concen: 40.390 ng/ul
RT: 13.065 min Scan# 1707
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



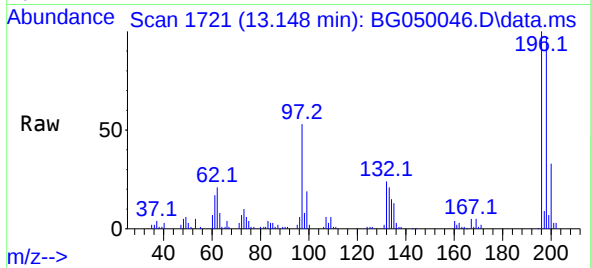
Tgt Ion:196 Resp: 60020
Ion Ratio Lower Upper
196 100
198 92.4 83.7 125.5
200 32.3 25.9 38.9





#42
2,4,5-Trichlorophenol
Concen: 39.288 ng/ul
RT: 13.148 min Scan# 1721
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

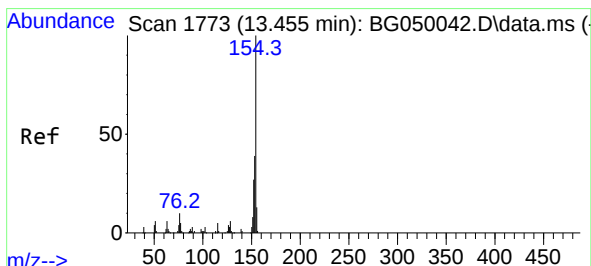
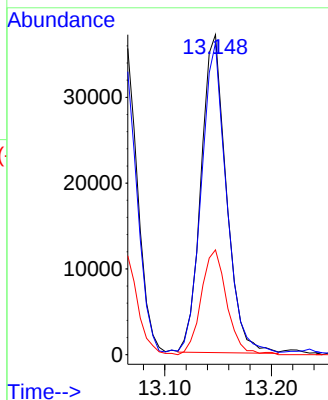
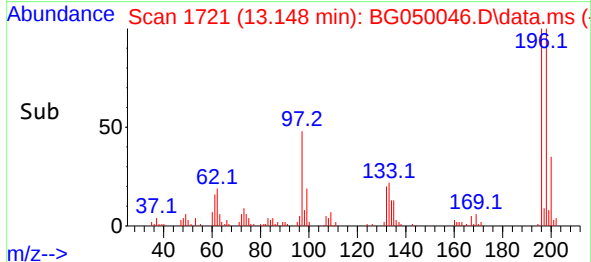
Instrument :
BNA_G
ClientSampled :
SLCS632



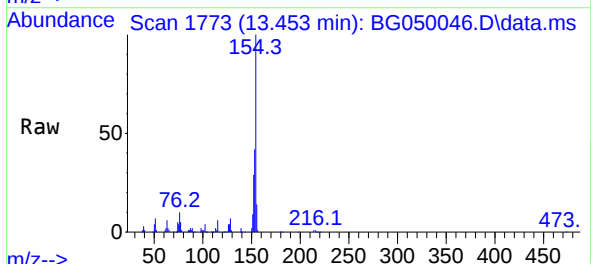
Tgt Ion:196 Resp: 61189
Ion Ratio Lower Upper
196 100
198 97.4 70.3 105.5
200 32.8 26.6 40.0

Manual Integrations
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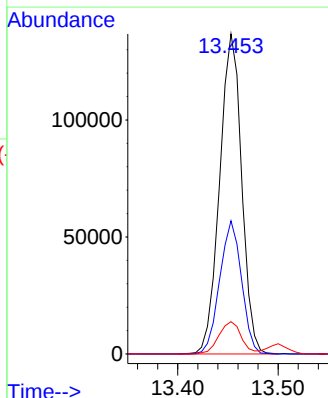
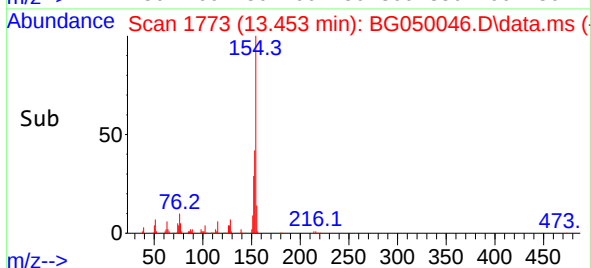
mohammad
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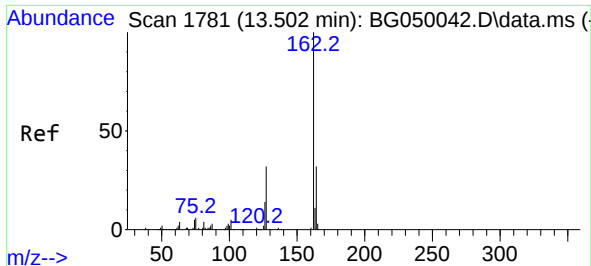


#43
1,1'-Biphenyl
Concen: 37.515 ng/ul
RT: 13.453 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



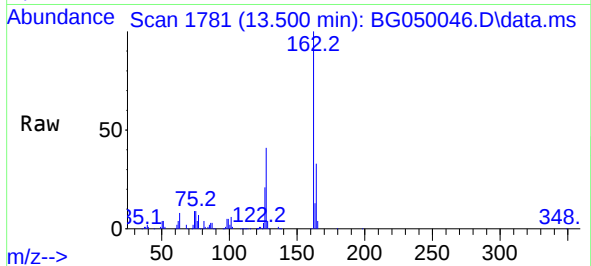
Tgt Ion:154 Resp: 208079
Ion Ratio Lower Upper
154 100
153 41.6 32.5 48.7
76 10.1 7.8 11.8





#44
2-Chloronaphthalene
Concen: 38.150 ng/ul
RT: 13.500 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

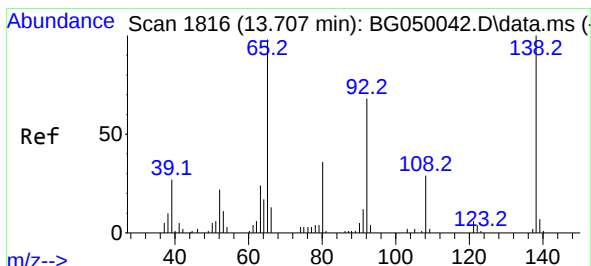
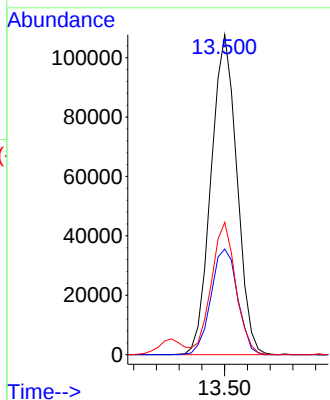
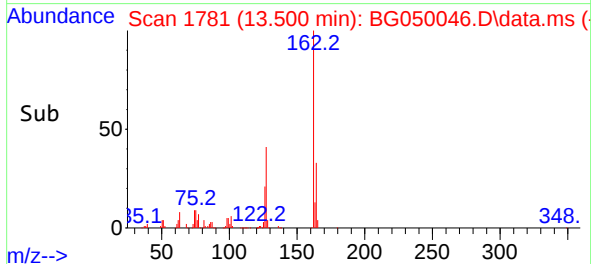
Instrument :
BNA_G
ClientSampled :
SLCS632



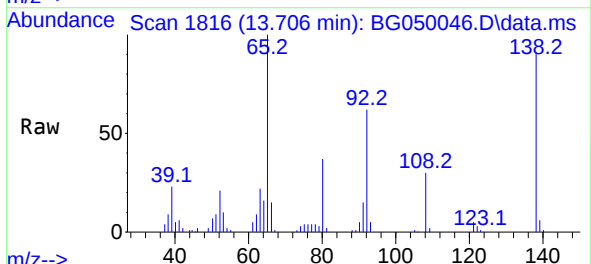
Tgt Ion:162 Resp: 169962
Ion Ratio Lower Upper
162 100
164 33.0 25.2 37.8
127 41.3 31.9 47.9

Manual Integrations
APPROVED

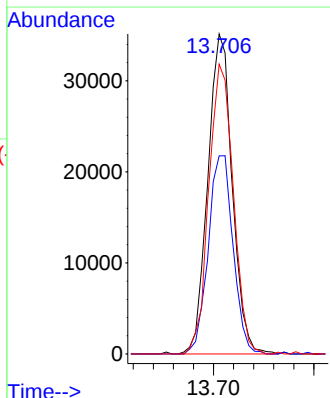
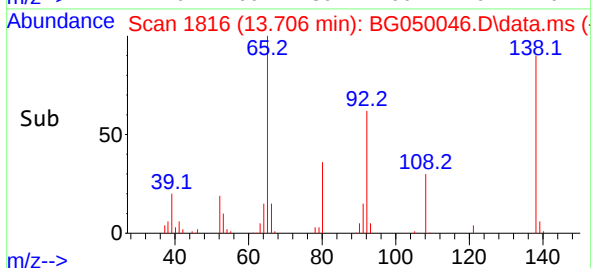
mohammad
8/31/2021 11:35:56 AM

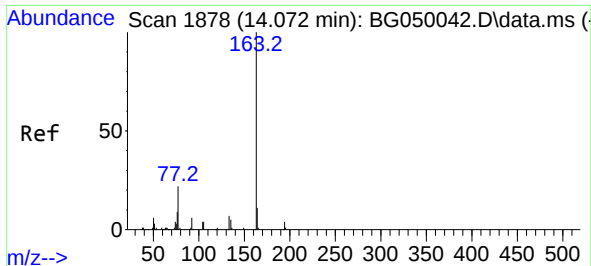


#45
2-Nitroaniline
Concen: 39.172 ng/ul
RT: 13.706 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



Tgt Ion: 65 Resp: 59252
Ion Ratio Lower Upper
65 100
92 61.9 55.6 83.4
138 90.5 78.7 118.1





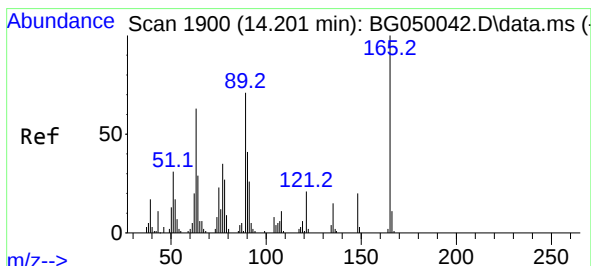
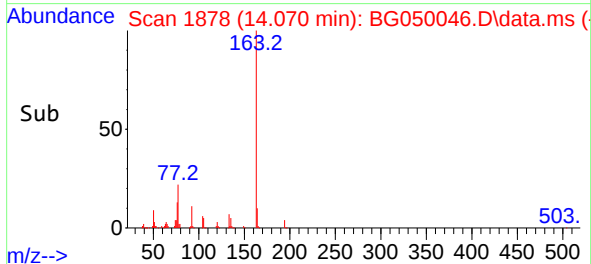
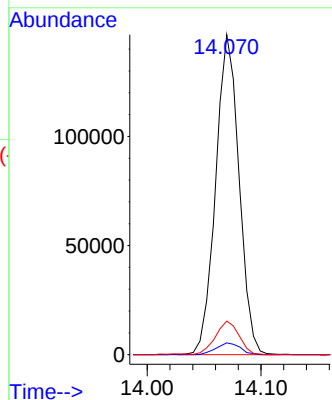
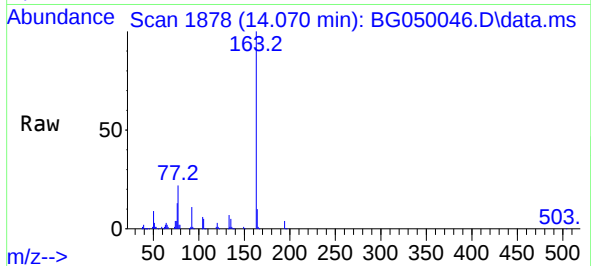
#47
Dimethylphthalate
Concen: 34.887 ng/ul
RT: 14.070 min Scan# 1878
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

Tgt Ion:163 Resp: 209780
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.5 8.2 12.4

Instrument :
BNA_G
ClientSampled :
SLCS632

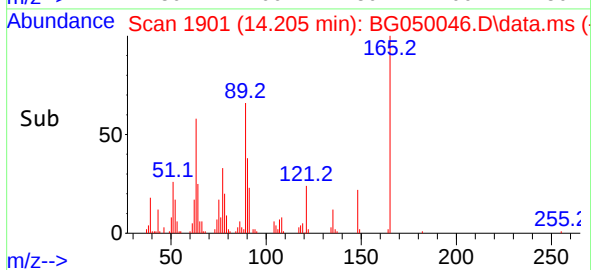
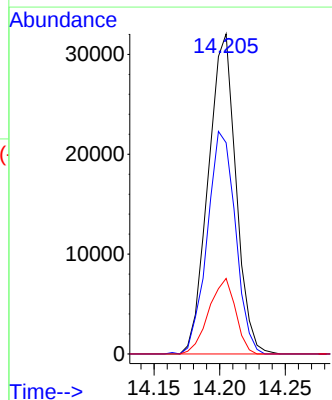
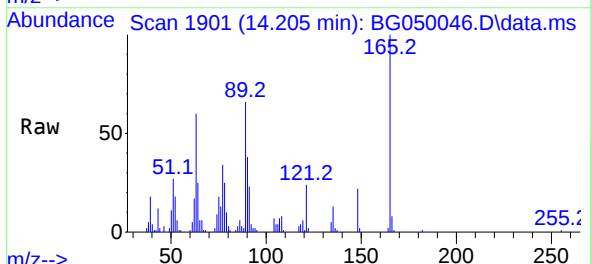
Manual Integrations
APPROVED

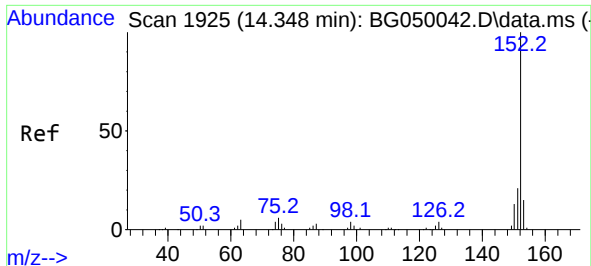
mohammad
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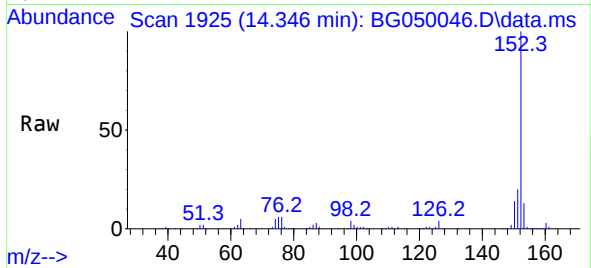
#48
2,6-Dinitrotoluene
Concen: 37.902 ng/ul
RT: 14.205 min Scan# 1901
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

Tgt Ion:165 Resp: 47053
Ion Ratio Lower Upper
165 100
89 66.0 62.5 93.7
121 23.6 22.2 33.2

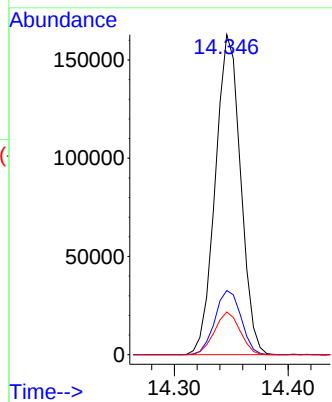
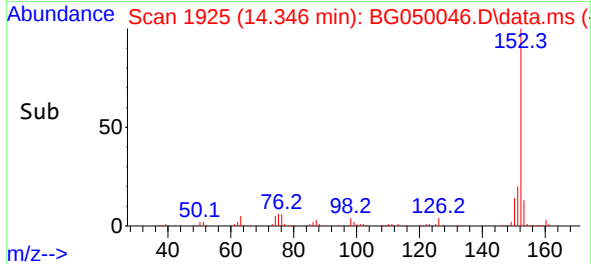




#50
Acenaphthylene
Concen: 38.607 ng/ul
RT: 14.346 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



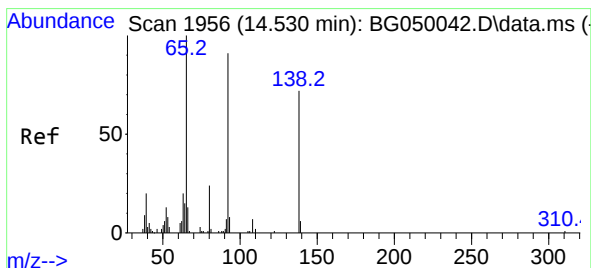
Tgt Ion:152 Resp: 251376
Ion Ratio Lower Upper
152 100
151 20.1 15.2 22.8
153 13.4 10.7 16.1



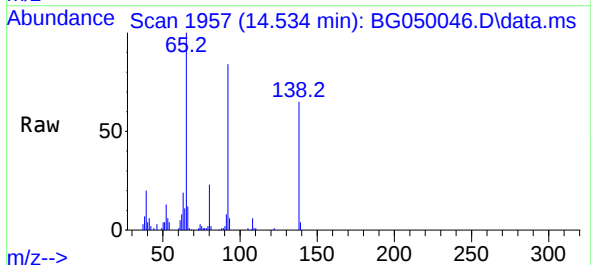
Instrument :
BNA_G
ClientSampled :
SLCS632

Manual Integrations
APPROVED

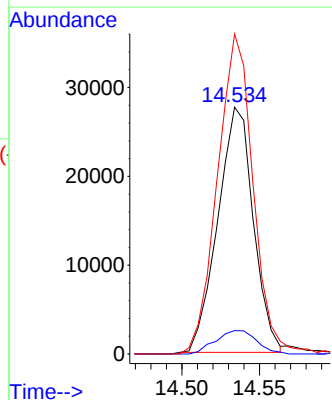
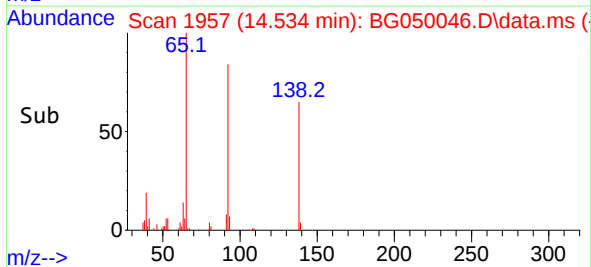
mohammad
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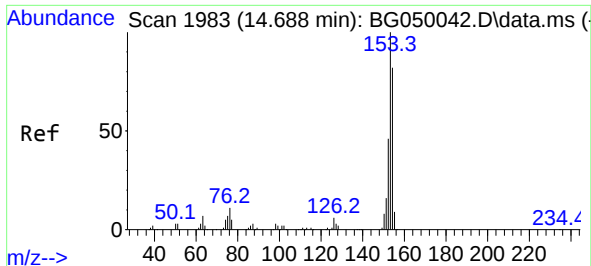


#51
3-Nitroaniline
Concen: 36.671 ng/ul
RT: 14.534 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



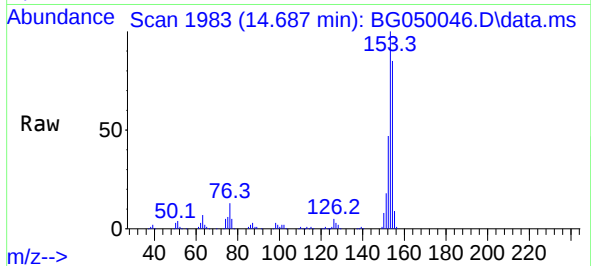
Tgt Ion:138 Resp: 43930
Ion Ratio Lower Upper
138 100
108 9.5 9.0 13.4
92 129.6 96.4 144.6





#52
Acenaphthene
Concen: 38.545 ng/uI
RT: 14.687 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

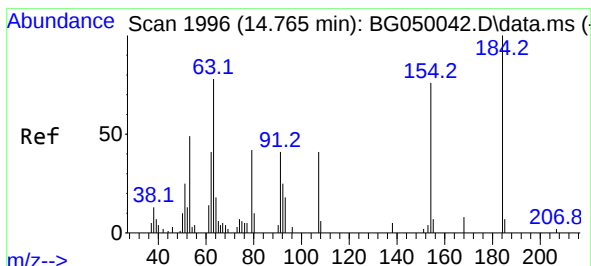
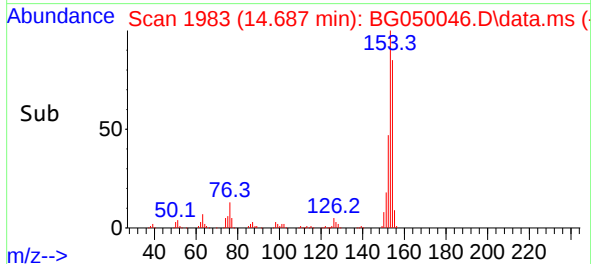
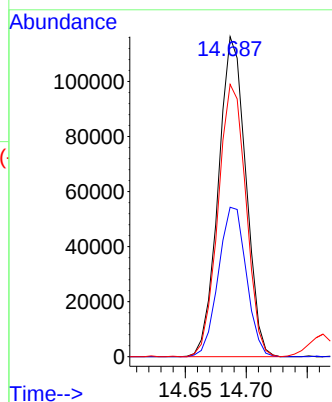
Instrument :
BNA_G
ClientSampled :
SLCS632



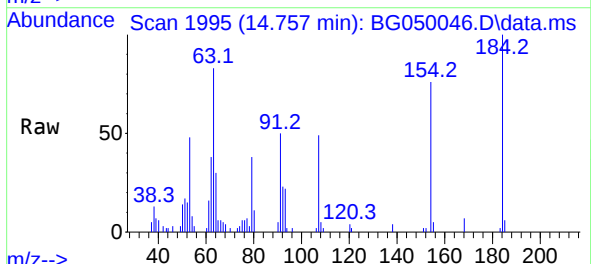
Tgt Ion:153 Resp: 182057
Ion Ratio Lower Upper
153 100
152 46.7 37.4 56.2
154 85.1 71.5 107.3

Manual Integrations
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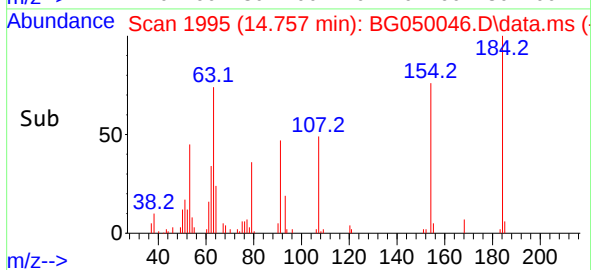
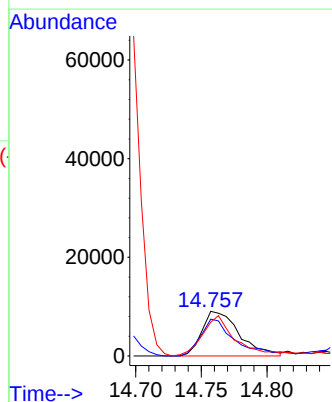
mohammad
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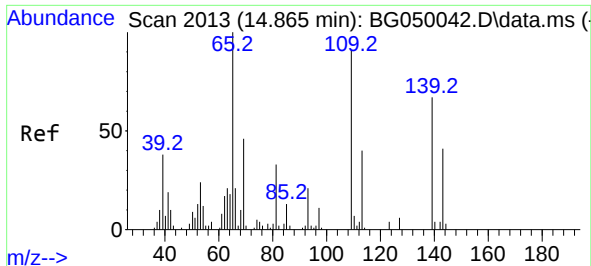


#53
2,4-Dinitrophenol
Concen: 28.258 ng/uI
RT: 14.757 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

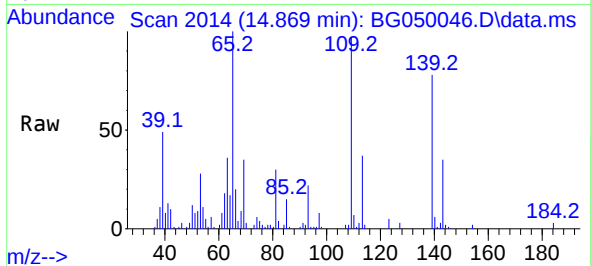


Tgt Ion:184 Resp: 17917
Ion Ratio Lower Upper
184 100
63 82.6 75.8 113.8
154 75.8 64.6 96.8

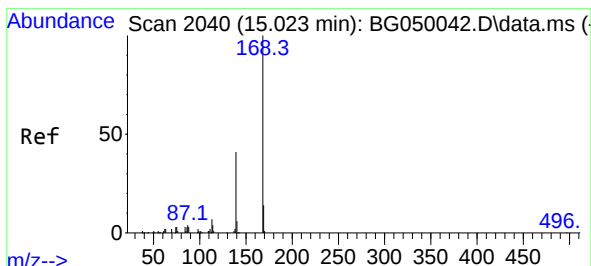
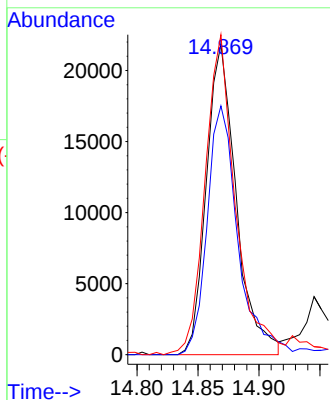
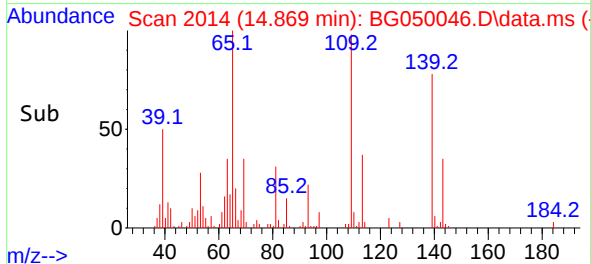




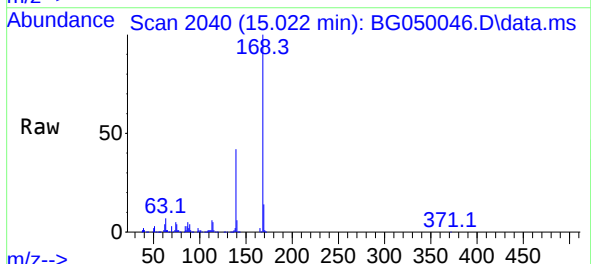
#55
4-Nitrophenol
Concen: 33.305 ng/u1
RT: 14.869 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



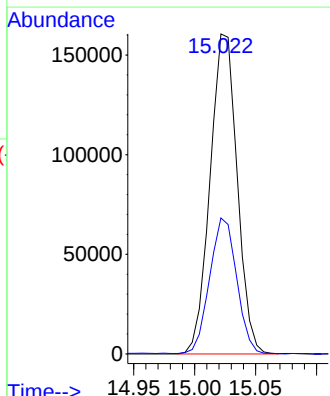
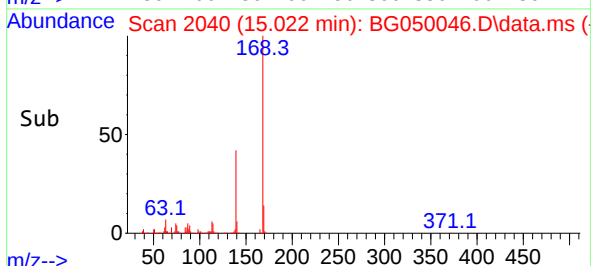
Tgt Ion:109 Resp: 37120
Ion Ratio Lower Upper
109 100
139 80.1 61.4 92.0
65 103.0 76.5 114.7



#56
Dibenzofuran
Concen: 37.971 ng/u1
RT: 15.022 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



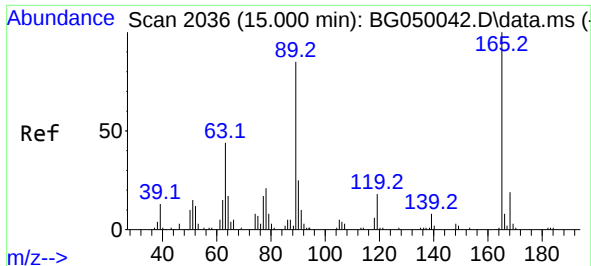
Tgt Ion:168 Resp: 248361
Ion Ratio Lower Upper
168 100
139 42.5 33.8 50.8



Instrument :
BNA_G
ClientSampled :
SLCS632

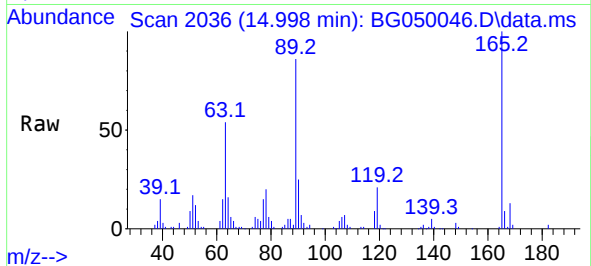
Manual Integrations
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#57
2,4-Dinitrotoluene
Concen: 37.915 ng/ul
RT: 14.998 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

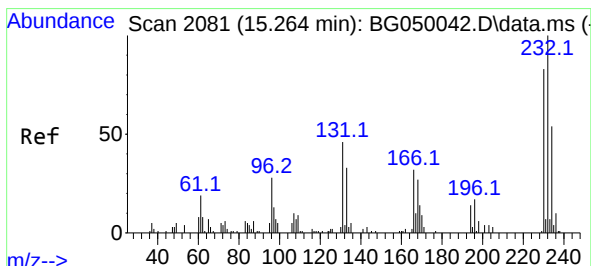
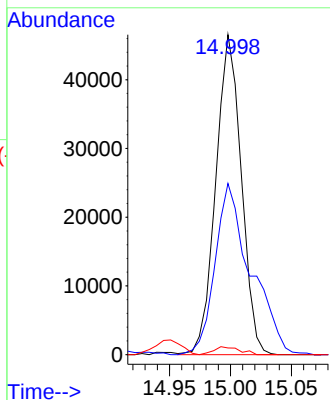
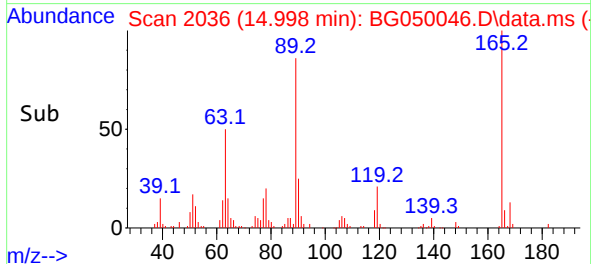
Instrument :
BNA_G
ClientSampled :
SLCS632



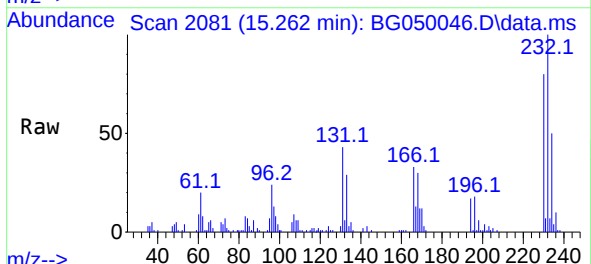
Tgt Ion:165 Resp: 67706
Ion Ratio Lower Upper
165 100
63 53.5 42.3 63.5
182 2.1 2.6 4.0#

Manual Integrations
APPROVED

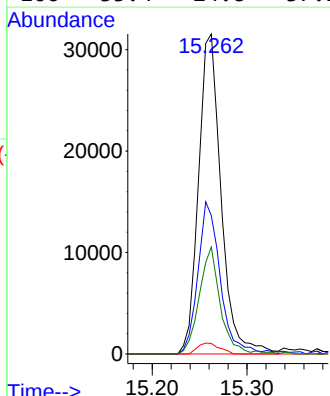
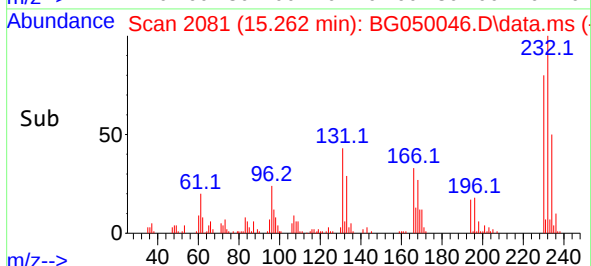
mohammad
8/31/2021 11:35:56 AM

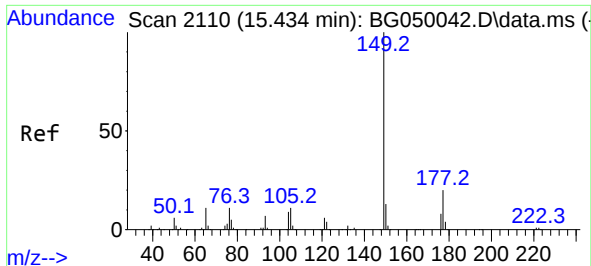


#58
2,3,4,6-Tetrachlorophenol
Concen: 40.492 ng/ul
RT: 15.262 min Scan# 2081
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



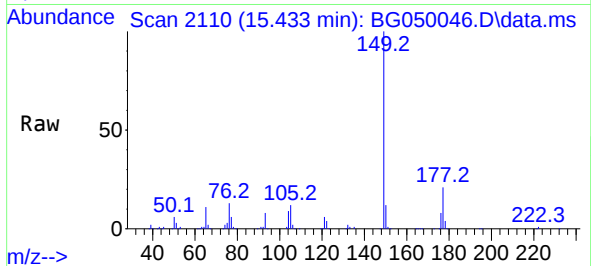
Tgt Ion:232 Resp: 52258
Ion Ratio Lower Upper
232 100
131 43.2 40.0 60.0
130 3.3 1.8 2.8#
166 33.4 24.8 37.2





#59
Diethylphthalate
Concen: 35.976 ng/ul
RT: 15.433 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

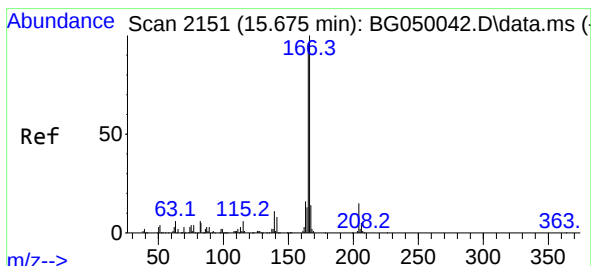
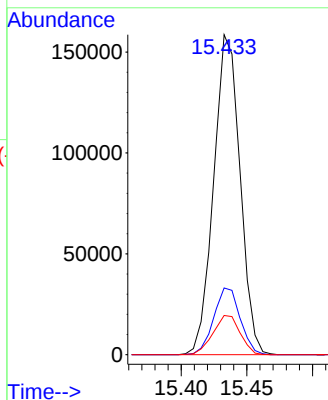
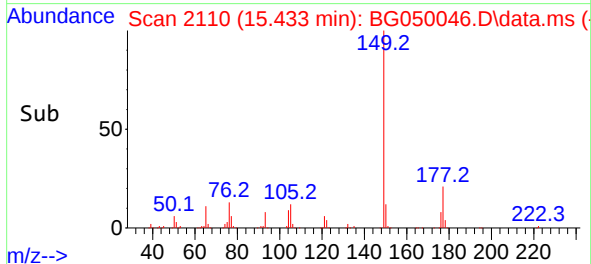
Instrument :
BNA_G
ClientSampled :
SLCS632



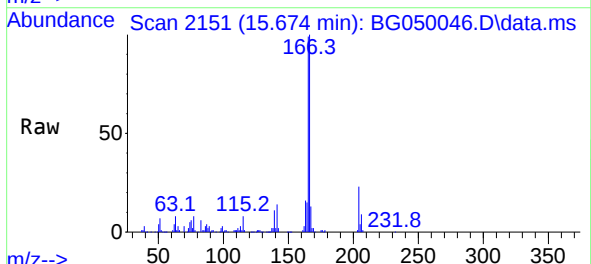
Tgt Ion:149 Resp: 221300
Ion Ratio Lower Upper
149 100
177 20.8 15.8 23.6
150 12.2 9.7 14.5

Manual Integrations
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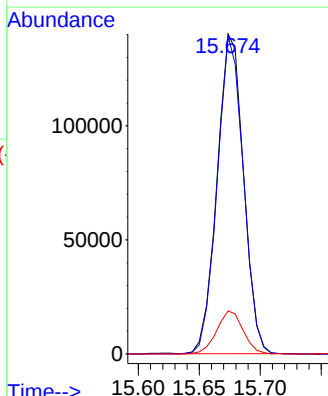
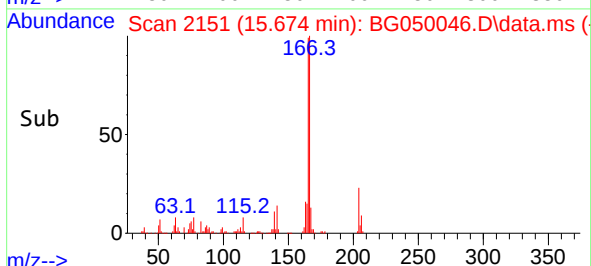
mohammad
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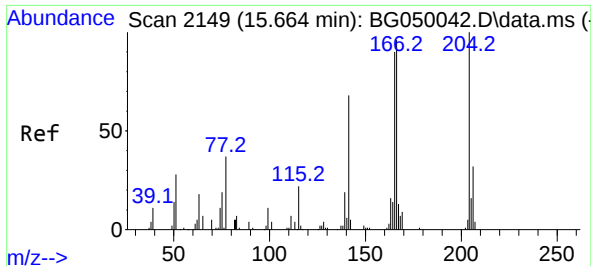


#61
Fluorene
Concen: 38.331 ng/ul
RT: 15.674 min Scan# 2151
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

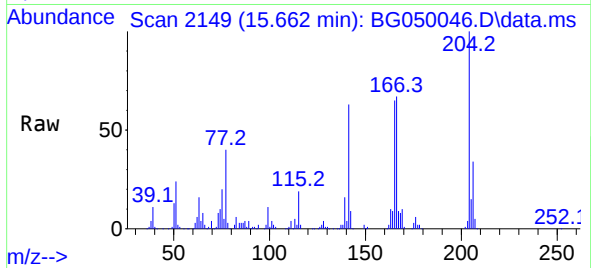


Tgt Ion:166 Resp: 211526
Ion Ratio Lower Upper
166 100
165 99.4 83.3 124.9
167 13.4 11.8 17.6

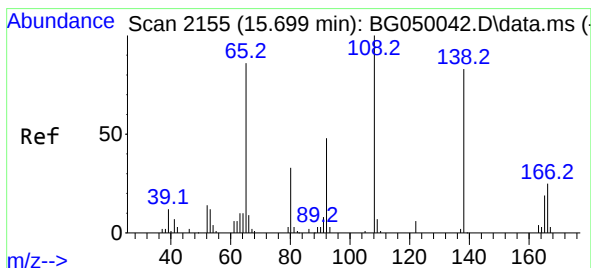
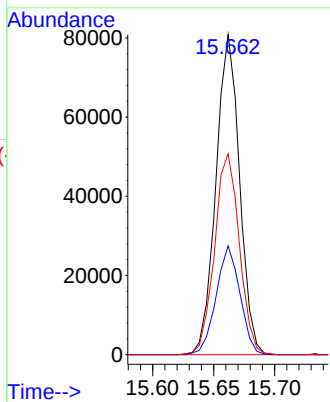
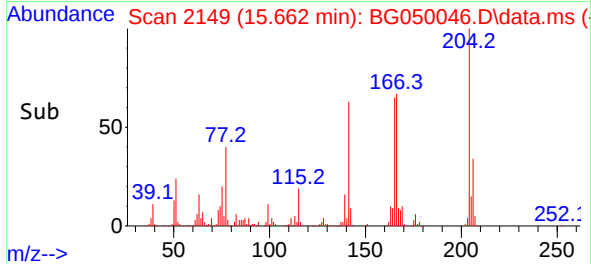




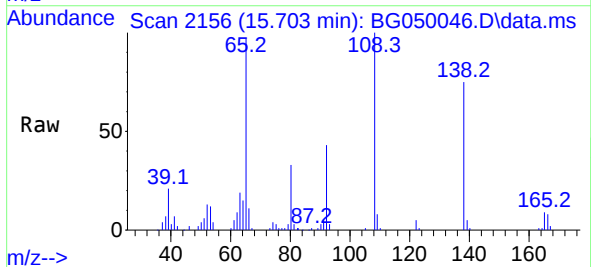
#62
4-Chlorophenyl-phenylether
Concen: 37.319 ng/ul
RT: 15.662 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



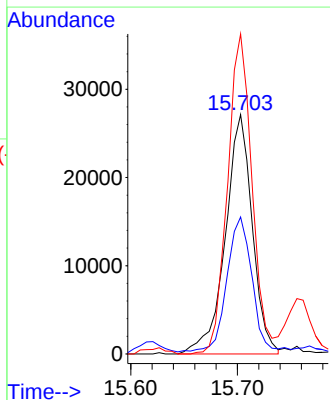
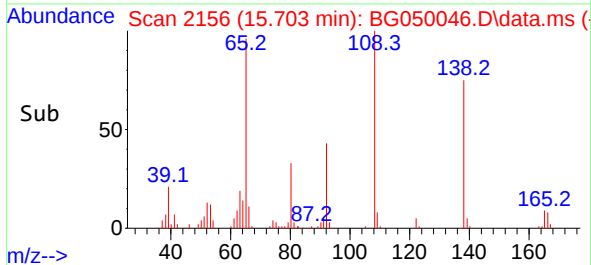
Tgt Ion:204 Resp: 108964
Ion Ratio Lower Upper
204 100
206 34.0 25.4 38.2
141 62.8 51.8 77.6



#63
4-Nitroaniline
Concen: 39.831 ng/ul
RT: 15.703 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



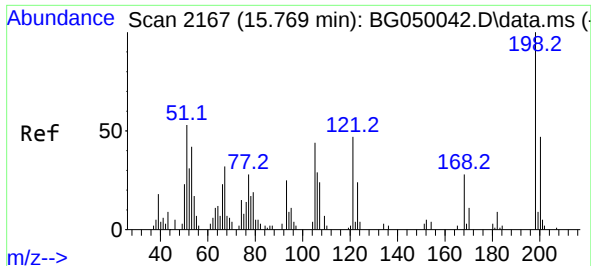
Tgt Ion:138 Resp: 47616
Ion Ratio Lower Upper
138 100
92 57.2 50.0 75.0
108 133.7 101.8 152.8



Instrument :
BNA_G
ClientSampled :
SLCS632

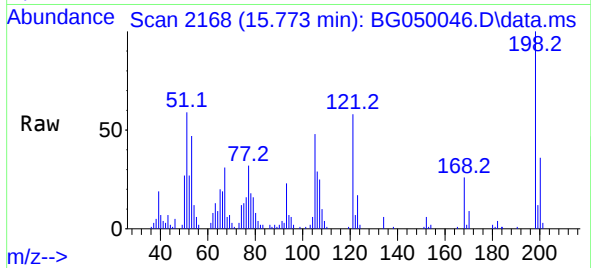
Manual Integrations
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#66
4,6-Dinitro-2-methylphenol
Concen: 32.227 ng/ul
RT: 15.773 min Scan# 2168
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

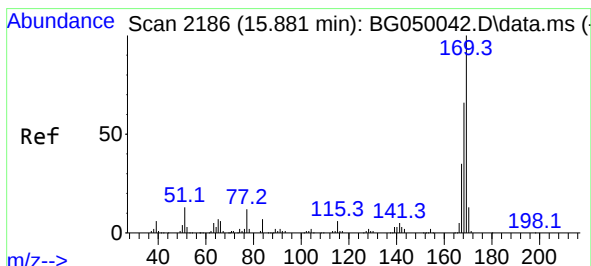
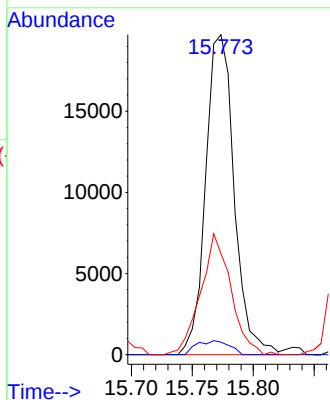
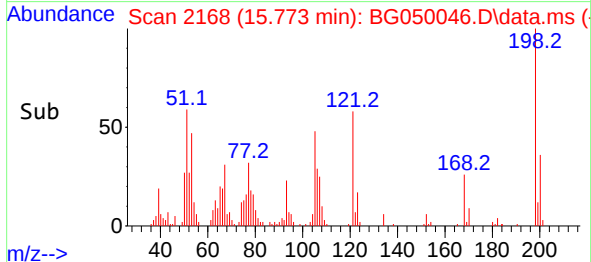
Instrument :
BNA_G
ClientSampled :
SLCS632



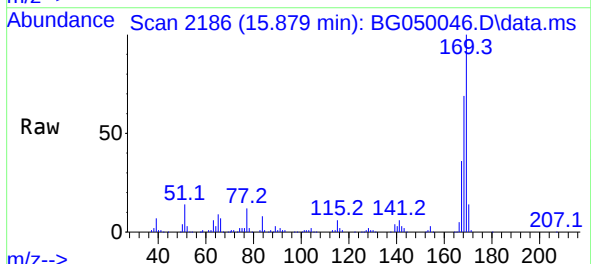
Tgt Ion:198 Resp: 32095
Ion Ratio Lower Upper
198 100
182 3.9 3.0 4.6
77 31.5 23.4 35.2

Manual Integrations
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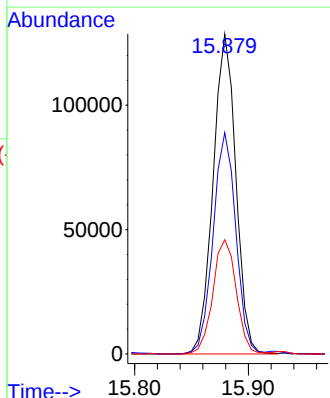
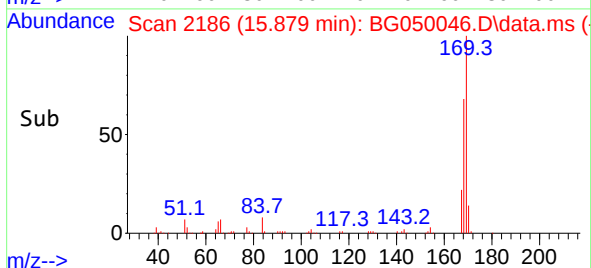
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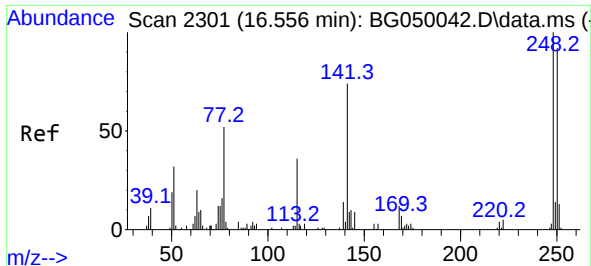


#67
N-Nitrosodiphenylamine
Concen: 39.870 ng/ul
RT: 15.879 min Scan# 2186
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



Tgt Ion:169 Resp: 179271
Ion Ratio Lower Upper
169 100
168 69.2 55.0 82.6
167 35.7 29.0 43.4





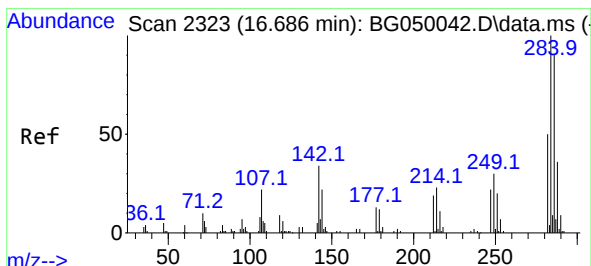
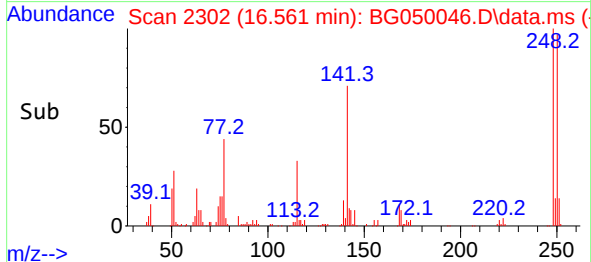
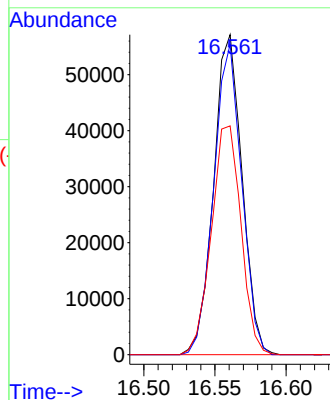
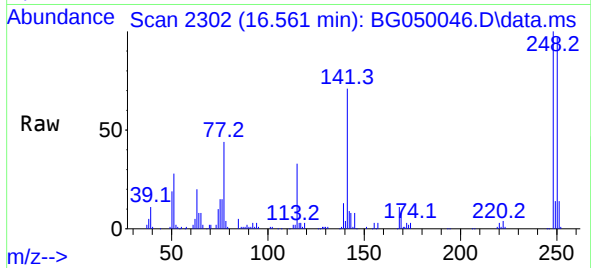
#68
4-Bromophenyl-phenylether
Concen: 42.047 ng/ul
RT: 16.561 min Scan# 2302
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

Instrument :
BNA_G
ClientSampled :
SLCS632

Tgt Ion:248 Resp: 79440
Ion Ratio Lower Upper
248 100
250 97.0 80.2 120.2
141 71.5 60.6 90.8

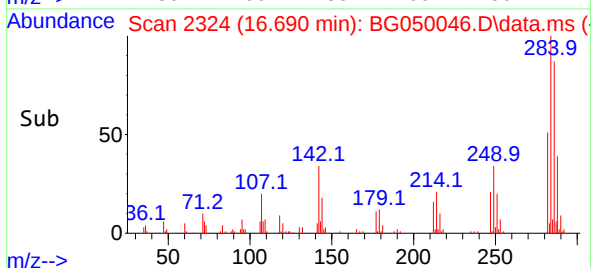
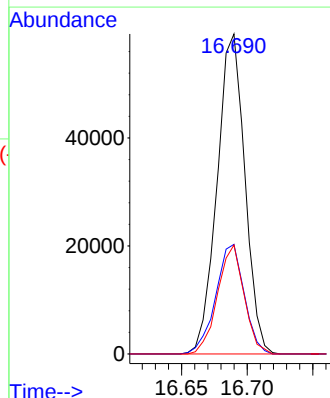
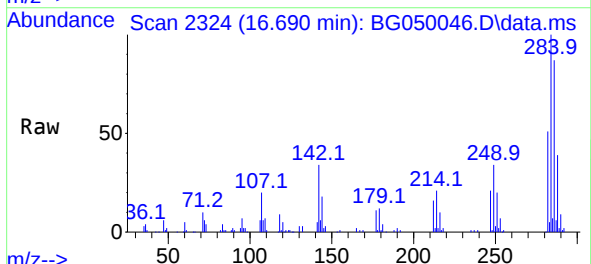
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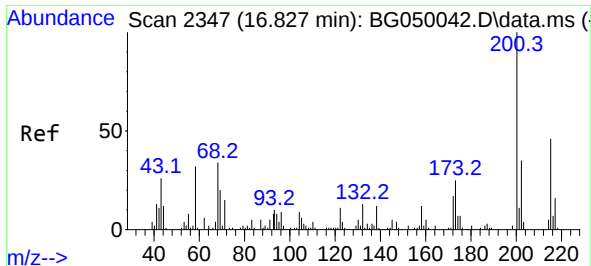
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#69
Hexachlorobenzene
Concen: 39.970 ng/ul
RT: 16.690 min Scan# 2324
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

Tgt Ion:284 Resp: 87201
Ion Ratio Lower Upper
284 100
142 34.2 28.7 43.1
249 34.1 25.5 38.3





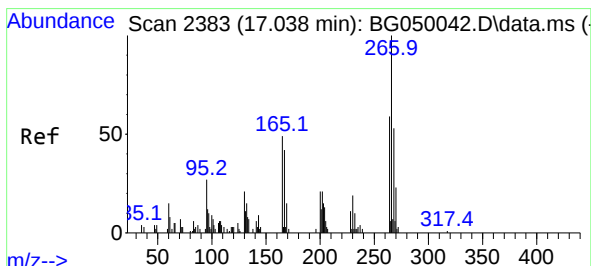
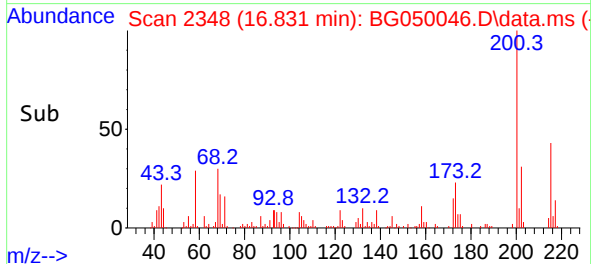
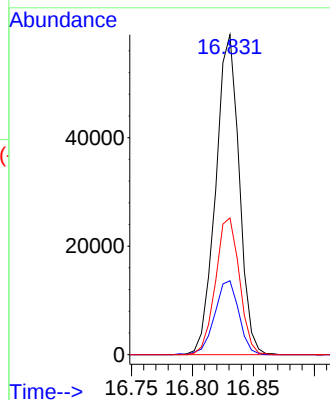
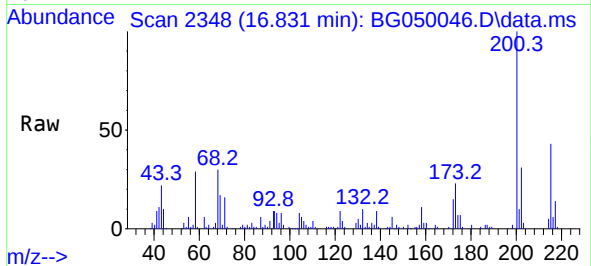
#70
Atrazine
Concen: 39.603 ng/uI
RT: 16.831 min Scan# 2348
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

Tgt Ion:200 Resp: 79110
Ion Ratio Lower Upper
200 100
173 23.1 19.3 28.9
215 42.8 34.9 52.3

Instrument :
BNA_G
ClientSampled :
SLCS632

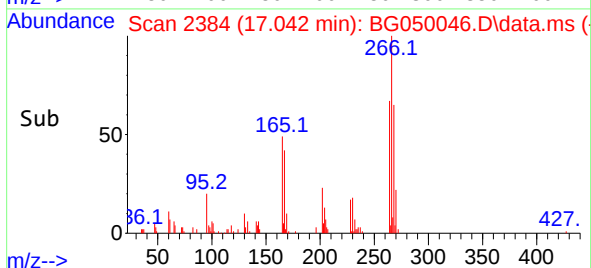
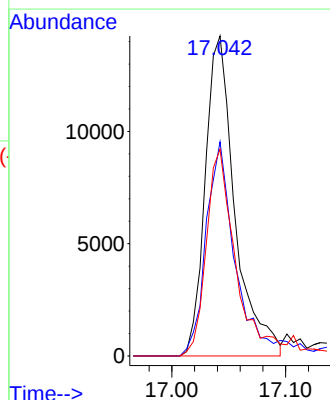
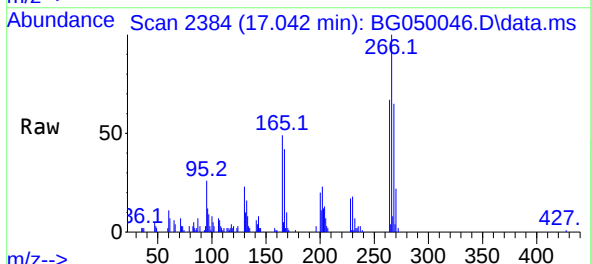
Manual Integrations
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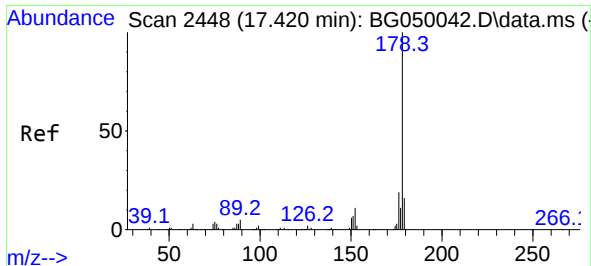
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#71
Pentachlorophenol
Concen: 28.019 ng/uI
RT: 17.042 min Scan# 2384
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

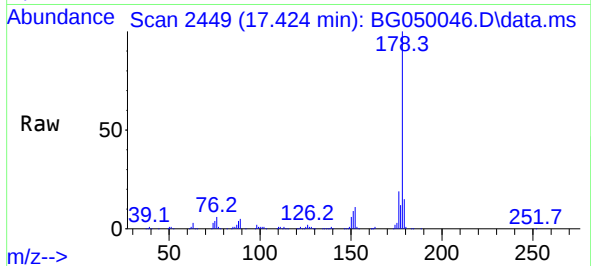
Tgt Ion:266 Resp: 25884
Ion Ratio Lower Upper
266 100
264 66.9 54.1 81.1
268 64.6 52.6 78.8





#72
Phenanthrene
Concen: 39.015 ng/u1
RT: 17.424 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

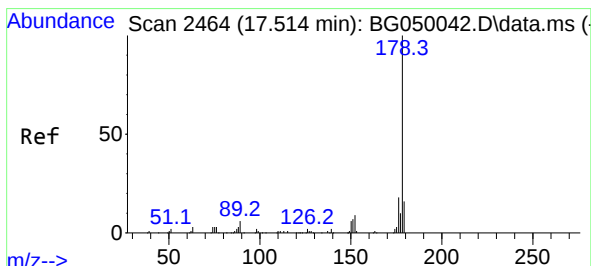
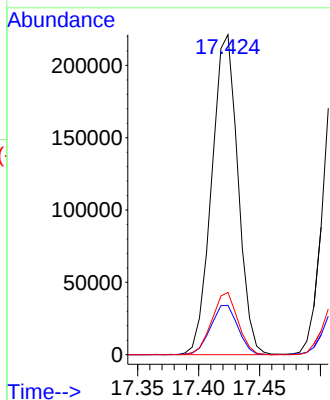
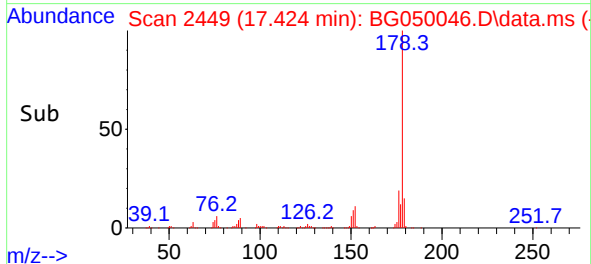
Instrument :
BNA_G
ClientSampled :
SLCS632



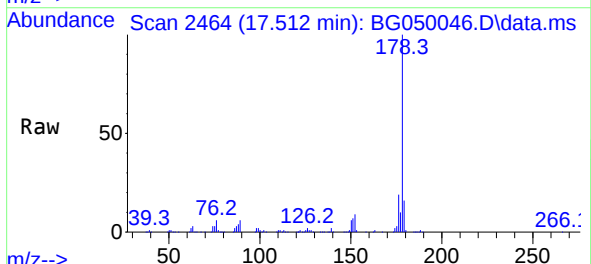
Tgt Ion:178 Resp: 332178
Ion Ratio Lower Upper
178 100
179 15.4 11.7 17.5
176 19.5 16.2 24.2

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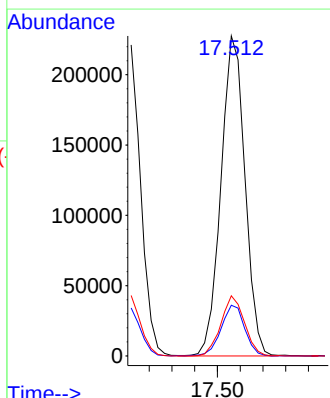
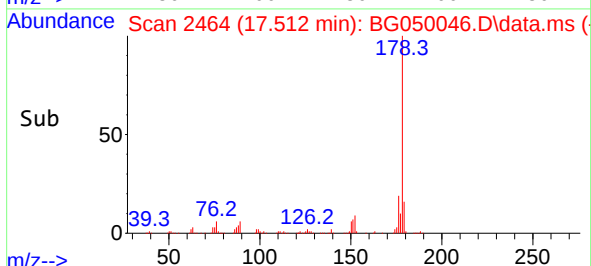
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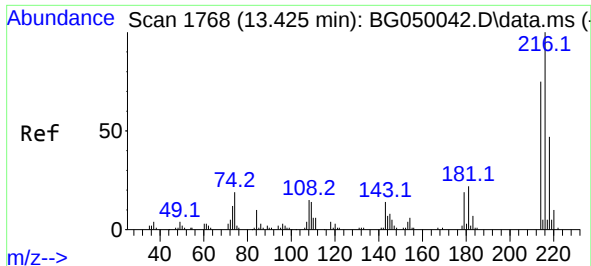


#74
Anthracene
Concen: 38.690 ng/u1
RT: 17.512 min Scan# 2464
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



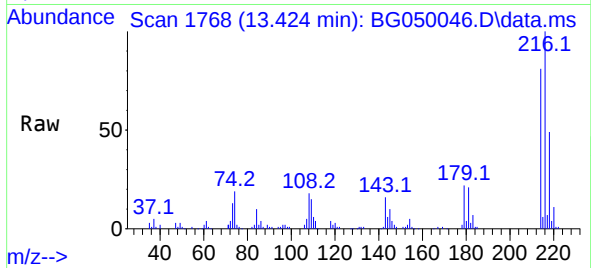
Tgt Ion:178 Resp: 333816
Ion Ratio Lower Upper
178 100
179 15.8 11.4 17.0
176 18.8 12.8 19.2





#75
1,2,3,4-Tetrachlorobenzene
Concen: 41.745 ng/uL
RT: 13.424 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

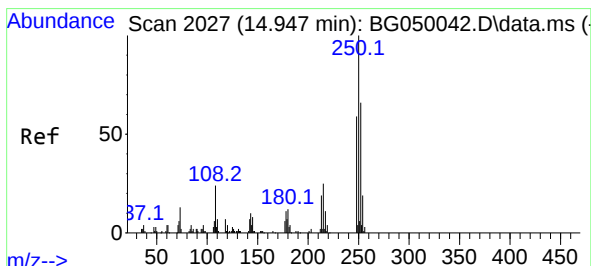
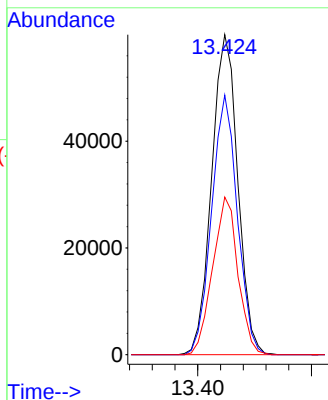
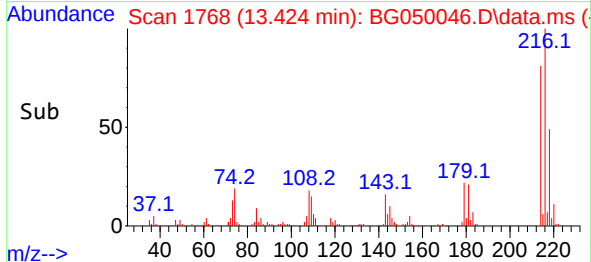
Instrument :
BNA_G
ClientSampled :
SLCS632



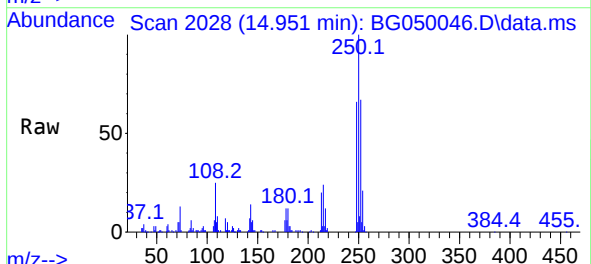
Tgt Ion:216 Resp: 95654
Ion Ratio Lower Upper
216 100
214 81.1 70.9 106.3
218 49.2 40.9 61.3

Manual Integrations
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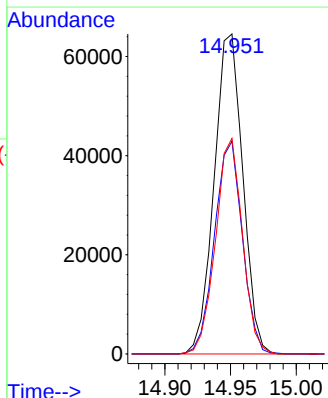
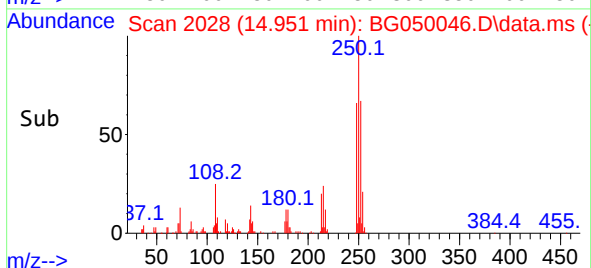
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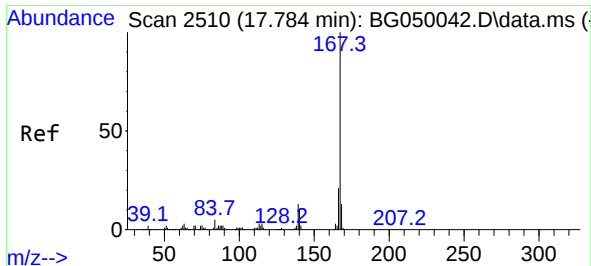


#76
Pentachlorobenzene
Concen: 40.324 ng/uL
RT: 14.951 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

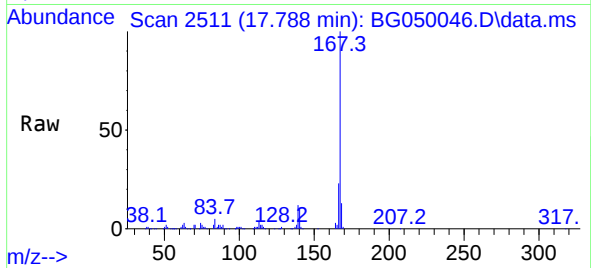


Tgt Ion:250 Resp: 97905
Ion Ratio Lower Upper
250 100
248 66.5 51.5 77.3
252 67.3 47.9 71.9

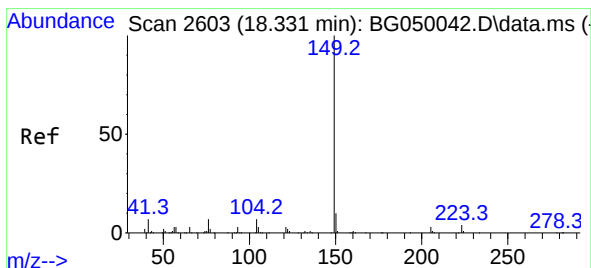
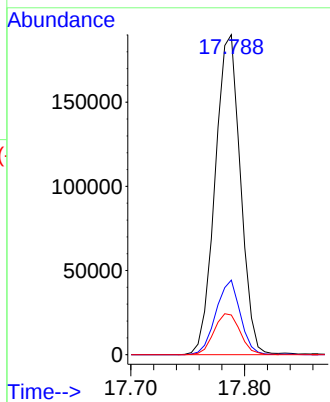
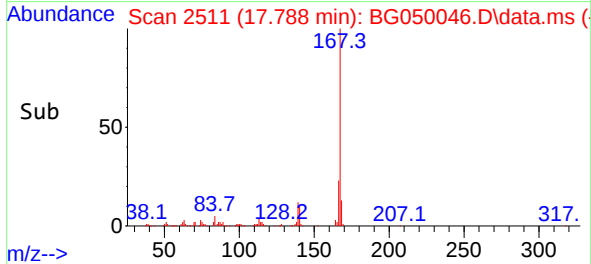




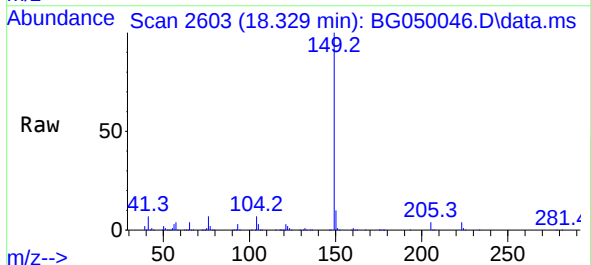
#77
 Carbazole
 Concen: 38.327 ng/ul
 RT: 17.788 min Scan# 2511
 Delta R.T. 0.006 min
 Lab File: BG050046.D
 Acq: 31 Aug 2021 2:01



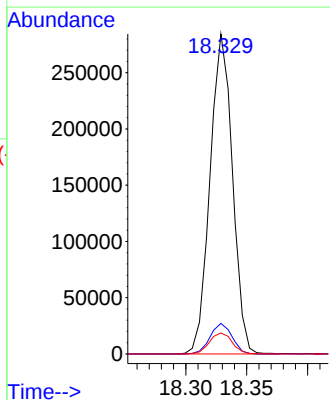
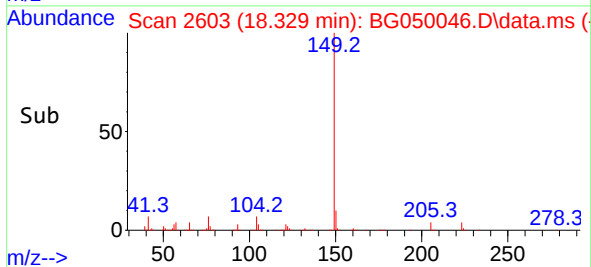
Tgt Ion:167 Resp: 294256
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.8 26.8
 139 12.4 11.1 16.7



#78
 Di-n-butylphthalate
 Concen: 37.109 ng/ul
 RT: 18.329 min Scan# 2603
 Delta R.T. 0.000 min
 Lab File: BG050046.D
 Acq: 31 Aug 2021 2:01



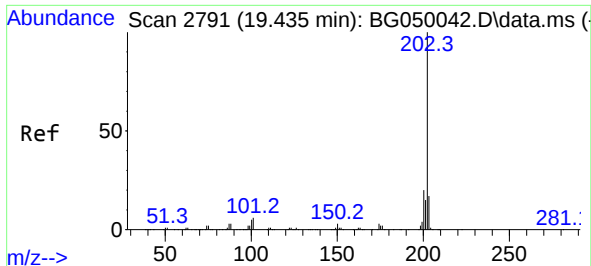
Tgt Ion:149 Resp: 364380
 Ion Ratio Lower Upper
 149 100
 150 9.5 8.1 12.1
 104 6.5 5.3 7.9



Instrument :
 BNA_G
 ClientSampled :
 SLCS632

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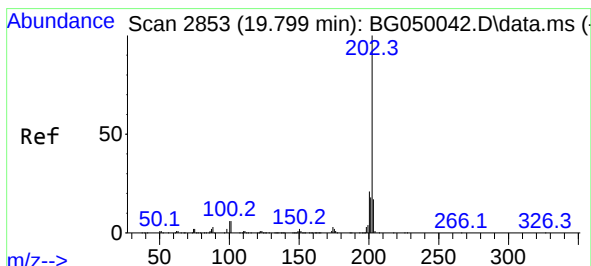
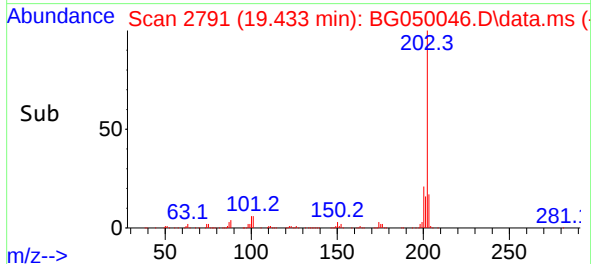
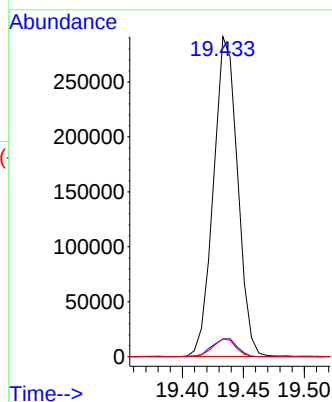
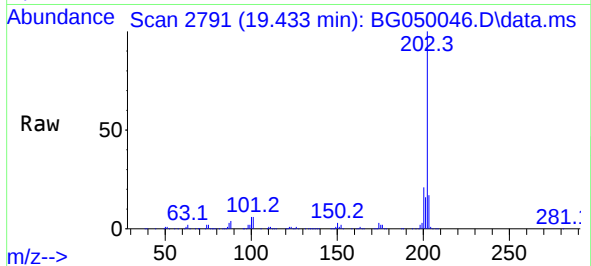
#80
Fluoranthene
Concen: 40.308 ng/u1
RT: 19.433 min Scan# 2791
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

Instrument :
BNA_G
ClientSampled :
SLCS632

Tgt Ion:202 Resp: 399713
Ion Ratio Lower Upper
202 100
101 5.6 4.3 6.5
100 5.6 3.5 5.3#

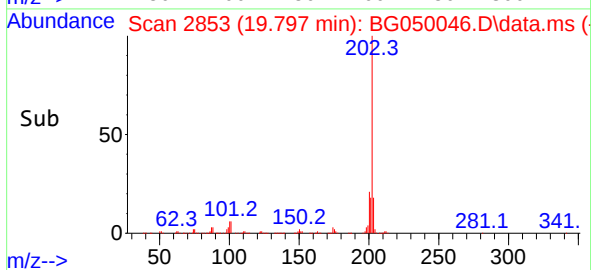
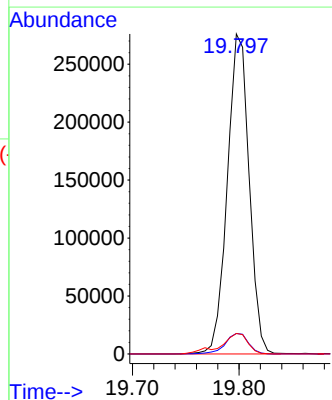
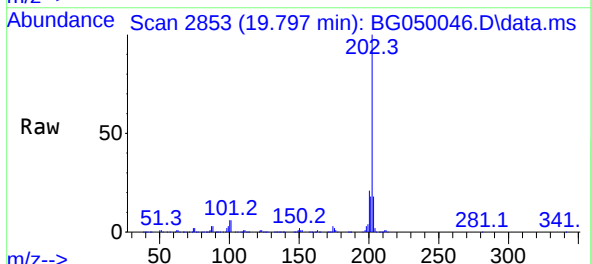
Manual Integrations
APPROVED

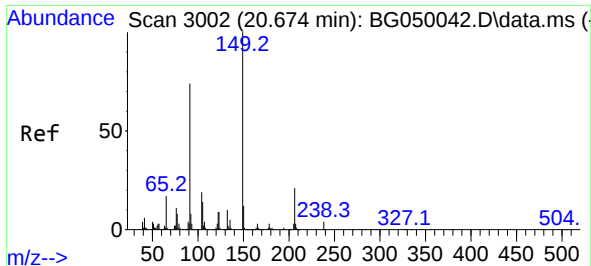
mohammad
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#82
Pyrene
Concen: 39.832 ng/u1
RT: 19.797 min Scan# 2853
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

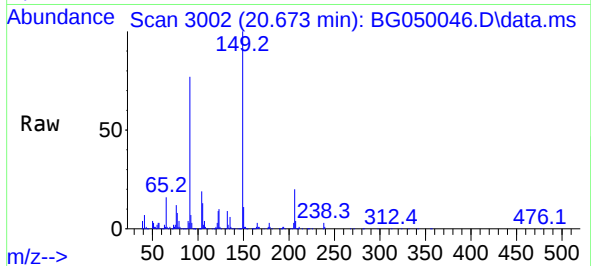
Tgt Ion:202 Resp: 391406
Ion Ratio Lower Upper
202 100
101 6.4 5.4 8.0
100 6.4 5.0 7.6





#83
Butylbenzylphthalate
Concen: 38.693 ng/ul
RT: 20.673 min Scan# 3002
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

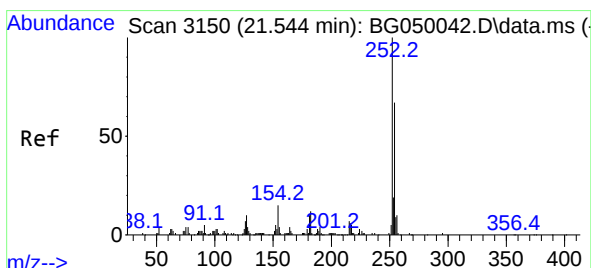
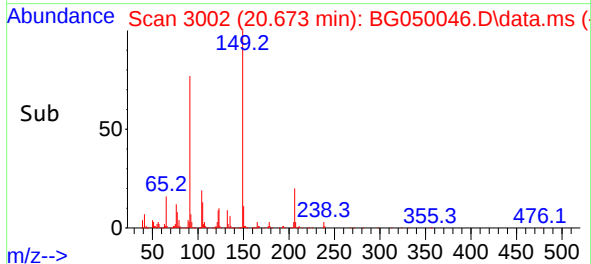
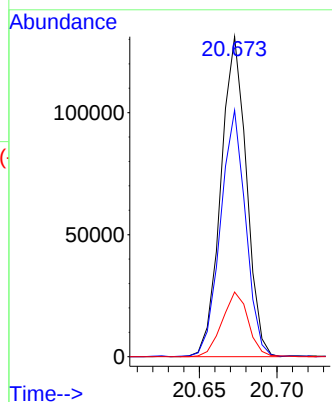
Instrument :
BNA_G
ClientSampled :
SLCS632



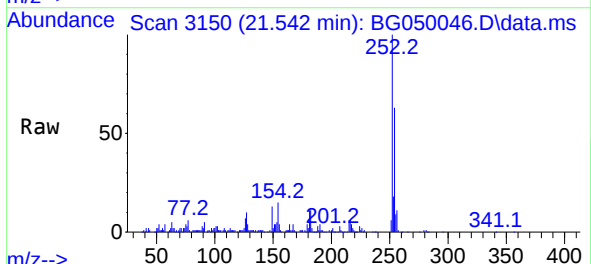
Tgt Ion:149 Resp: 150044
Ion Ratio Lower Upper
149 100
91 77.0 60.6 90.8
206 20.2 16.8 25.2

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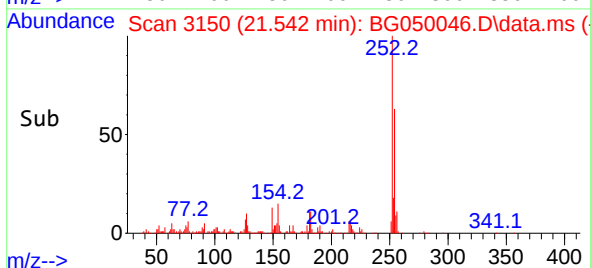
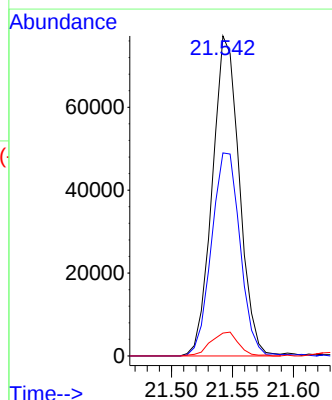
mohammad
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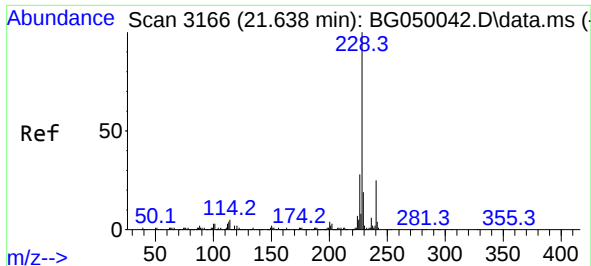


#84
3,3'-Dichlorobenzidine
Concen: 33.722 ng/ul
RT: 21.542 min Scan# 3150
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



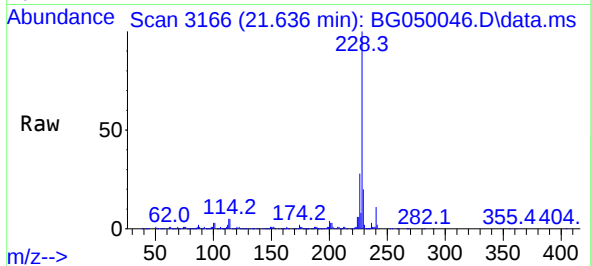
Tgt Ion:252 Resp: 118874
Ion Ratio Lower Upper
252 100
254 63.4 54.2 81.2
126 7.2 5.4 8.0





#85
Benzo(a)anthracene
Concen: 38.145 ng/ul
RT: 21.636 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

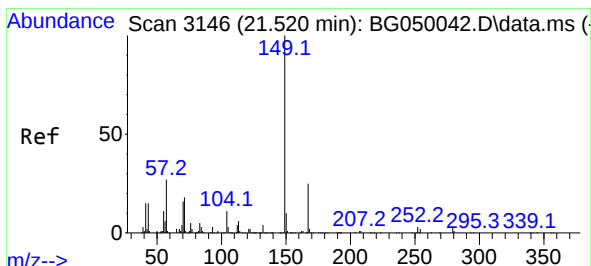
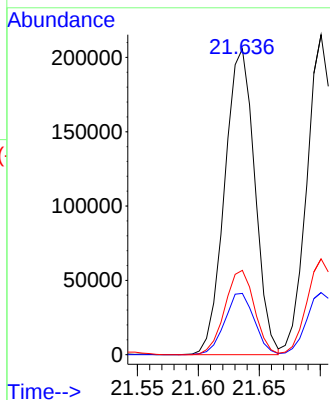
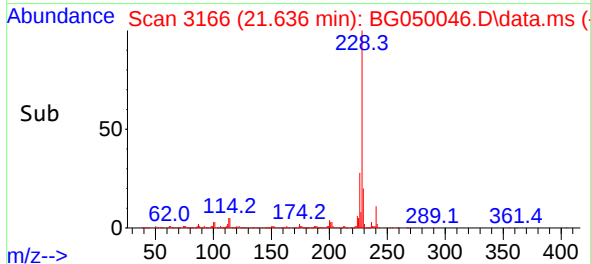
Instrument :
BNA_G
ClientSampled :
SLCS632



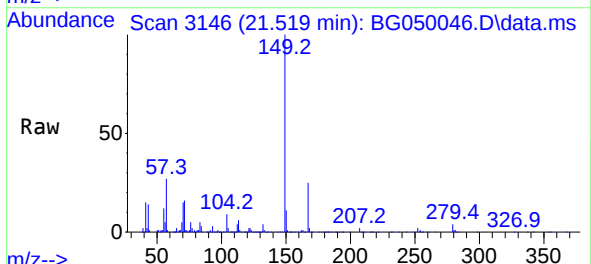
Tgt Ion:228 Resp: 353456
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.4
226 27.6 21.0 31.4

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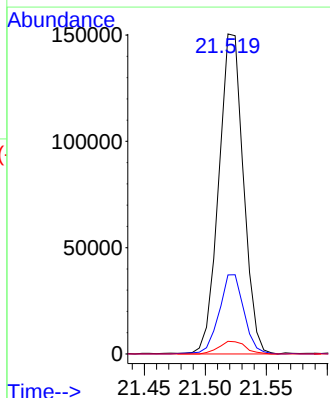
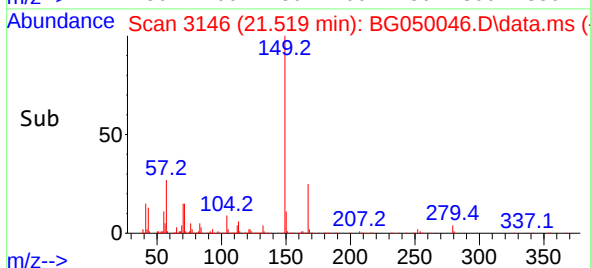
mohammad
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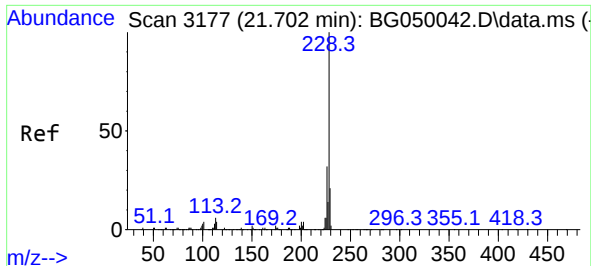


#86
Bis(2-ethylhexyl)phthalate
Concen: 39.801 ng/ul
RT: 21.519 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



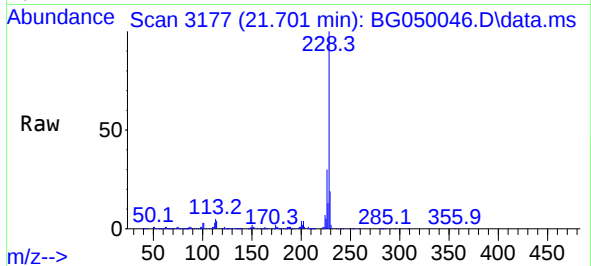
Tgt Ion:149 Resp: 211955
Ion Ratio Lower Upper
149 100
167 24.7 20.4 30.6
279 4.0 3.7 5.5





#87
Chrysene
Concen: 38.709 ng/ul
RT: 21.701 min Scan# 3177
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

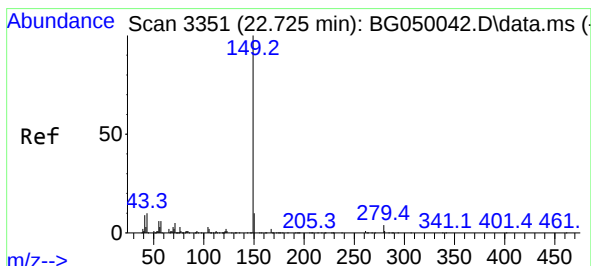
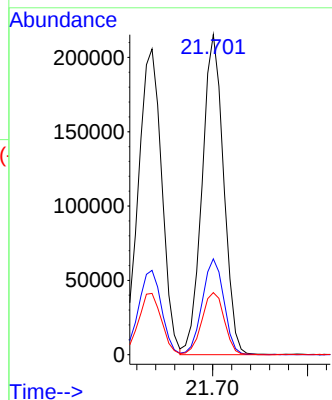
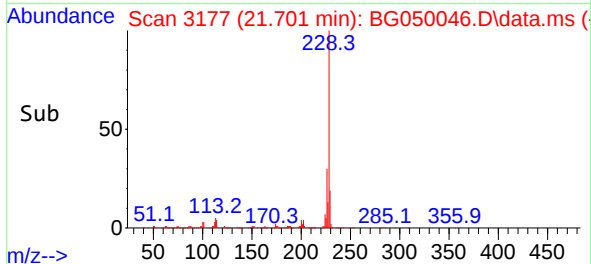
Instrument :
BNA_G
ClientSampled :
SLCS632



Tgt Ion:228 Resp: 339057
Ion Ratio Lower Upper
228 100
226 30.0 23.0 34.4
229 19.4 17.8 26.6

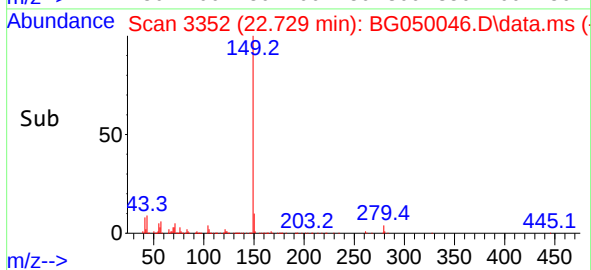
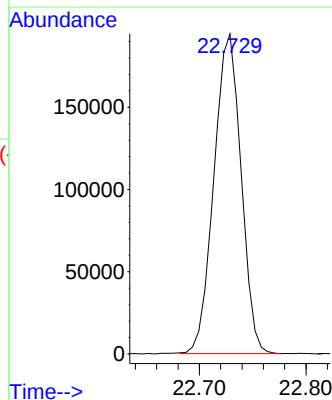
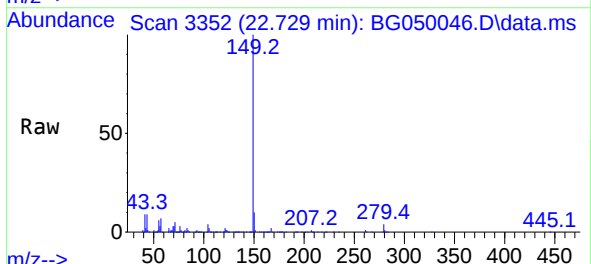
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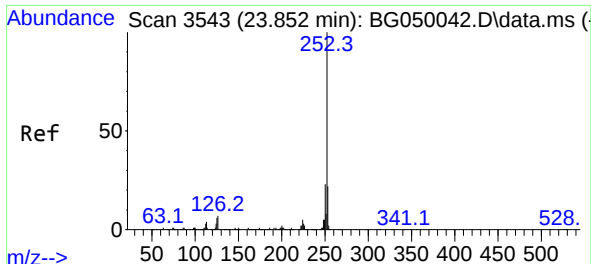
mohammad
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#89
Di-n-octyl phthalate
Concen: 37.982 ng/ul
RT: 22.729 min Scan# 3352
Delta R.T. 0.006 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

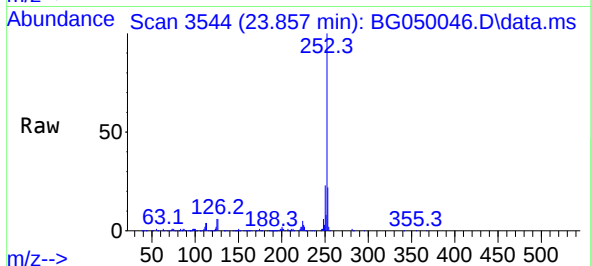
Tgt Ion:149 Resp: 343290





#90
Benzo(b)fluoranthene
Concen: 37.285 ng/ul m
RT: 23.857 min Scan# 3544
Delta R.T. 0.012 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

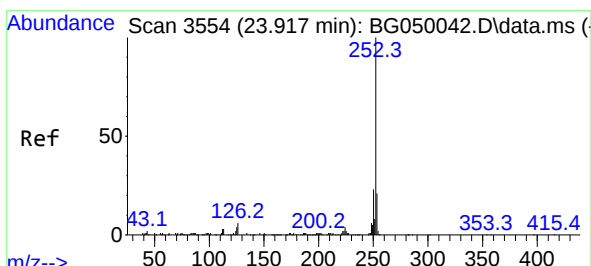
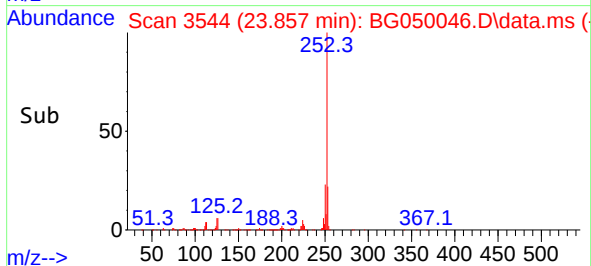
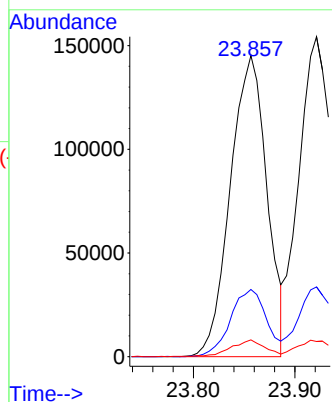
Instrument :
BNA_G
ClientSampled :
SLCS632



Tgt Ion:252 Resp: 363368
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 5.6 3.4 5.0#

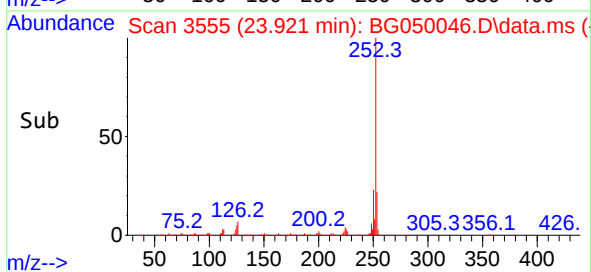
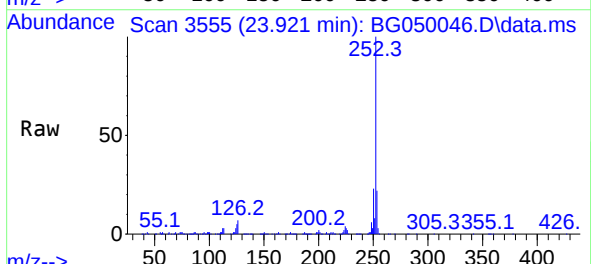
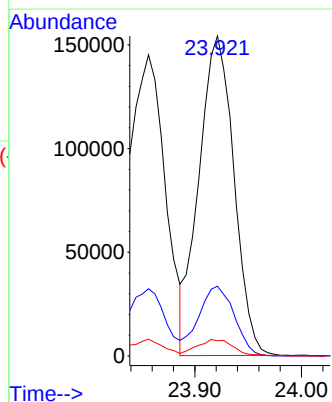
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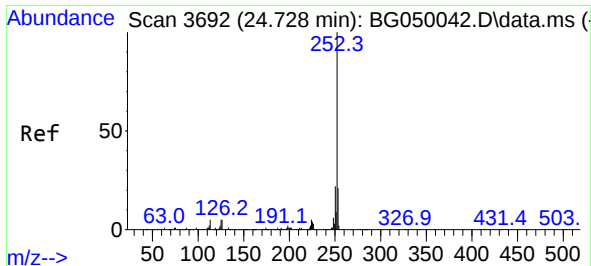
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#91
Benzo(k)fluoranthene
Concen: 37.999 ng/ul
RT: 23.921 min Scan# 3555
Delta R.T. 0.012 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

Tgt Ion:252 Resp: 352003
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 4.7 4.1 6.1





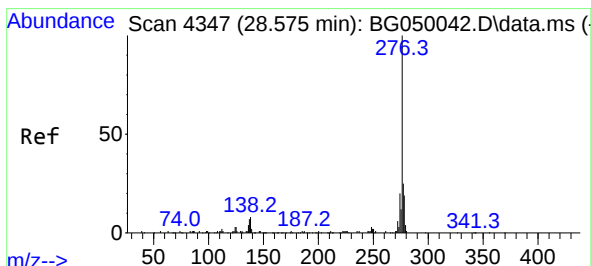
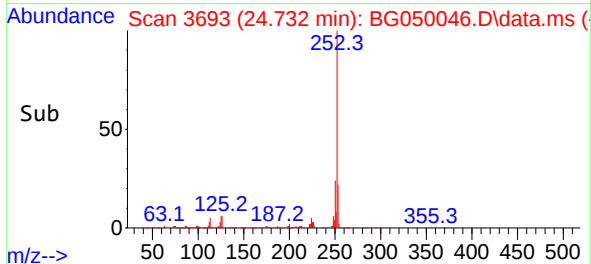
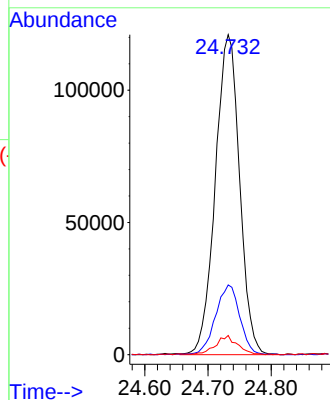
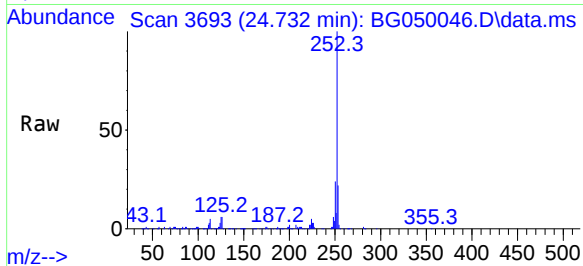
#93
Benzo(a)pyrene
Concen: 38.074 ng/u1
RT: 24.732 min Scan# 3693
Delta R.T. 0.012 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

Tgt Ion:252 Resp: 322247
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.4
125 6.0 4.4 6.6

Instrument :
BNA_G
ClientSampled :
SLCS632

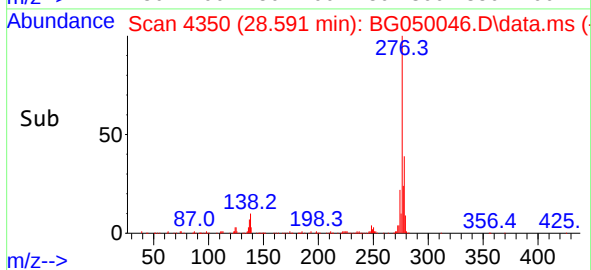
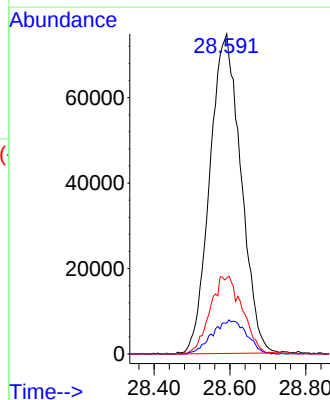
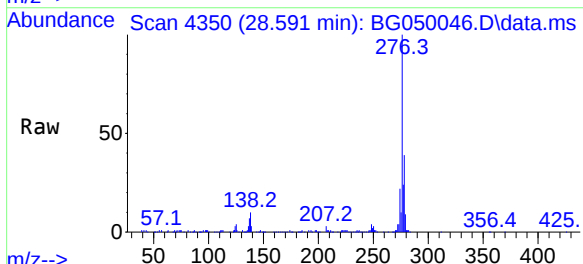
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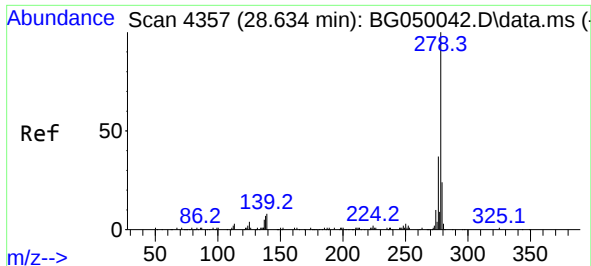
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#94
Indeno(1,2,3-cd)pyrene
Concen: 38.100 ng/u1
RT: 28.591 min Scan# 4350
Delta R.T. 0.024 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

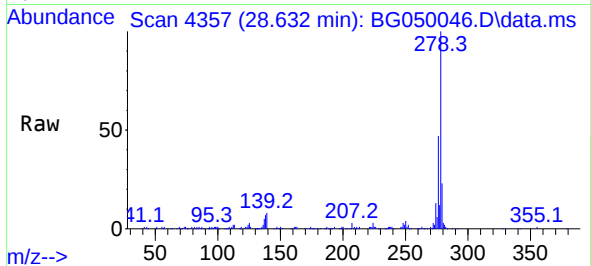
Tgt Ion:276 Resp: 425366
Ion Ratio Lower Upper
276 100
138 9.7 5.5 8.3#
277 23.7 18.6 27.8





#95
Dibenzo(a,h)anthracene
Concen: 37.412 ng/ul
RT: 28.632 min Scan# 4357
Delta R.T. 0.029 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01

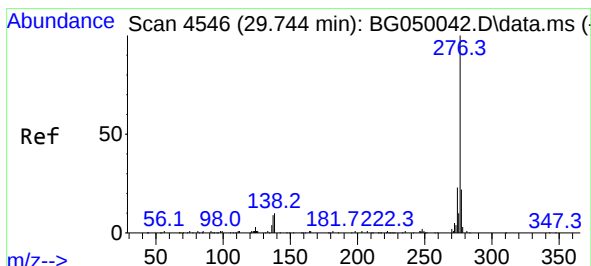
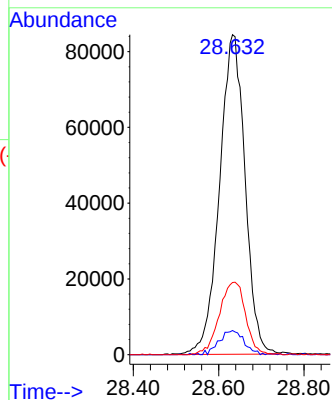
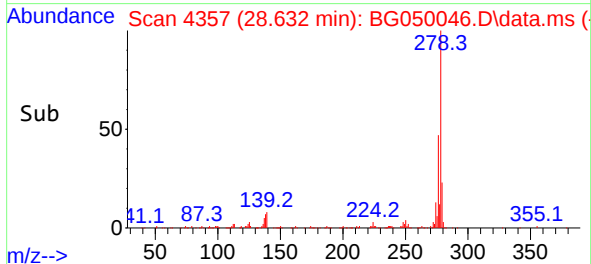
Instrument :
BNA_G
ClientSampled :
SLCS632



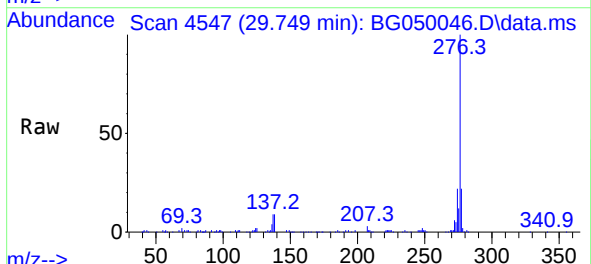
Tgt Ion:278 Resp: 349658
Ion Ratio Lower Upper
278 100
139 7.6 5.2 7.8
279 22.6 19.0 28.4

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#96
Benzo(g,h,i)perylene
Concen: 37.003 ng/ul
RT: 29.749 min Scan# 4547
Delta R.T. 0.035 min
Lab File: BG050046.D
Acq: 31 Aug 2021 2:01



Tgt Ion:276 Resp: 347319
Ion Ratio Lower Upper
276 100
138 8.7 8.6 13.0
277 21.8 17.4 26.0

