

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG050026.D
 Acq On : 28 Aug 2021 12:07
 Operator : CG/JU
 Sample : SP5662
 Misc : SFAM SPIKE
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP5662

Manual Integrations
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mohammad

8/30/2021 10:33:43 AM

Quant Time: Aug 29 03:00:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 27 11:22:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	25380	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.786	136	105785	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.628	164	71124	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.383	188	161021	20.000	ng/ul	-0.01
79) Chrysene-d12	21.660	240	154436	20.000	ng/ul	0.00
88) Perylene-d12	24.885	264	161133	20.000	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.349	88	18678	31.130	ng/uL# 94
5) Pyridine	3.761	79	135061	84.293	ng/ul# 85
6) Benzaldehyde	7.097	77	140369	113.181	ng/ul 96
8) Phenol	7.162	94	191056	87.767	ng/ul 99
10) Bis(2-Chloroethyl)ether	7.379	93	130743	87.003	ng/ul 98
12) 2-Chlorophenol	7.532	128	146094	91.682	ng/ul# 87
13) 2-Methylphenol	8.419	108	149008	88.725	ng/ul 97
14) 2,2'-oxybis(1-Chloropr...	8.489	45	131882	83.692	ng/ul# 94
16) Acetophenone	8.795	105	235576	85.106	ng/ul 97
17) N-Nitroso-di-n-propyla...	8.777	70	119934	86.290	ng/ul 99
18) 4-Methylphenol	8.754	108	156702	86.732	ng/ul# 77
19) Hexachloroethane	9.047	117	63596	91.194	ng/ul 94
22) Nitrobenzene	9.183	77	193897	87.252	ng/ul 97
23) Isophorone	9.711	82	327674	82.758	ng/ul 97
25) 2-Nitrophenol	9.899	139	86124	90.710	ng/ul 92
26) 2,4-Dimethylphenol	9.964	107	189266	89.698	ng/ul 92
27) Bis(2-Chloroethoxy)met...	10.187	93	177105	86.621	ng/ul 99
29) 2,4-Dichlorophenol	10.446	162	153953	96.300	ng/ul 98
30) Naphthalene	10.839	128	454445	85.948	ng/ul 97
32) 4-Chloroaniline	10.951	127	170756	74.788	ng/ul 90
33) Hexachlorobutadiene	11.115	225	113867	88.045	ng/ul 95
34) Caprolactam	11.750	113	47715m	85.205	ng/ul
35) 4-Chloro-3-methylphenol	12.090	107	173294	90.699	ng/ul 97
36) 2-Methylnaphthalene	12.449	142	342958	87.257	ng/ul 96

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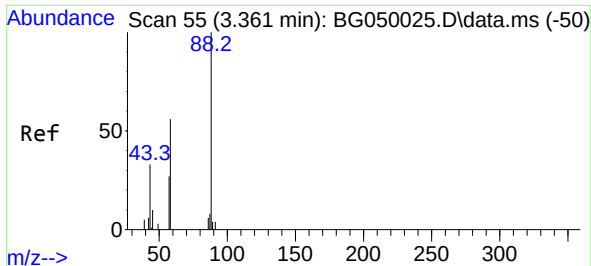
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.672	142	326319	82.252	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.819	216	196530	94.077	ng/ul#	95
40) Hexachlorocyclopentadiene	12.795	237	55729	59.607	ng/ul	99
41) 2,4,6-Trichlorophenol	13.066	196	122156	91.759	ng/ul	92
42) 2,4,5-Trichlorophenol	13.148	196	124948	89.552	ng/ul	93
43) 1,1'-Biphenyl	13.459	154	438375	88.222	ng/ul	99
44) 2-Chloronaphthalene	13.506	162	348365	87.282	ng/ul	98
45) 2-Nitroaniline	13.712	65	122408	90.331	ng/ul	93
47) Dimethylphthalate	14.076	163	454824	84.431	ng/ul	99
48) 2,6-Dinitrotoluene	14.211	165	99841	89.771	ng/ul	93
50) Acenaphthylene	14.352	152	527156	90.373	ng/ul	97
51) 3-Nitroaniline	14.546	138	96649	90.057	ng/ul	99
52) Acenaphthene	14.693	153	376691	89.023	ng/ul	97
53) 2,4-Dinitrophenol	14.763	184	48844	85.987	ng/ul#	86
55) 4-Nitrophenol	14.875	109	80200	80.321	ng/ul	98
56) Dibenzofuran	15.034	168	505521	86.270	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	144288	90.192	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.263	232	109432	94.648	ng/ul#	97
59) Diethylphthalate	15.445	149	472465	85.734	ng/ul	97
61) Fluorene	15.680	166	433436	87.673	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.668	204	232168	88.758	ng/ul	98
63) 4-Nitroaniline	15.715	138	105255	98.280	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.780	198	75398	80.299	ng/ul	95
67) N-Nitrosodiphenylamine	15.885	169	370335	87.358	ng/ul	97
68) 4-Bromophenyl-phenylether	16.567	248	160447	90.075	ng/ul	99
69) Hexachlorobenzene	16.690	284	180800	87.900	ng/ul	98
70) Atrazine	16.837	200	164229	87.201	ng/ul	98
71) Pentachlorophenol	17.043	266	62639	71.918	ng/ul	96
72) Phenanthrene	17.424	178	702722	87.541	ng/ul	98
74) Anthracene	17.518	178	715492	87.956	ng/ul#	93
75) 1,2,3,4-Tetrachloroben...	13.430	216	208975	96.732	ng/uL	90
76) Pentachlorobenzene	14.951	250	198393	86.668	ng/uL	96
77) Carbazole	17.794	167	633223	87.480	ng/ul	99
78) Di-n-butylphthalate	18.335	149	768660	83.030	ng/ul	99
80) Fluoranthene	19.439	202	863501	83.848	ng/ul#	98
82) Pyrene	19.804	202	847857	83.083	ng/ul	99
83) Butylbenzylphthalate	20.679	149	339073	84.197	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.554	252	308444	84.254	ng/ul	97
85) Benzo(a)anthracene	21.642	228	798754	83.005	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.531	149	487990	88.235	ng/ul	99
87) Chrysene	21.707	228	764978	84.096	ng/ul	95
89) Di-n-octyl phthalate	22.735	149	798350	83.519	ng/ul	100
90) Benzo(b)fluoranthene	23.869	252	845766	82.057	ng/ul#	97
91) Benzo(k)fluoranthene	23.933	252	804999	82.165	ng/ul	98
93) Benzo(a)pyrene	24.744	252	759782	84.880	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.609	276	977887	82.818	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.668	278	801646	81.100	ng/ul	98
96) Benzo(g,h,i)perylene	29.778	276	804623	81.054	ng/ul	95

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



#2
1,4-Dioxane
Concen: 31.130 ng/uL
RT: 3.349 min Scan# 53
Delta R.T. -0.028 min
Lab File: BG050026.D
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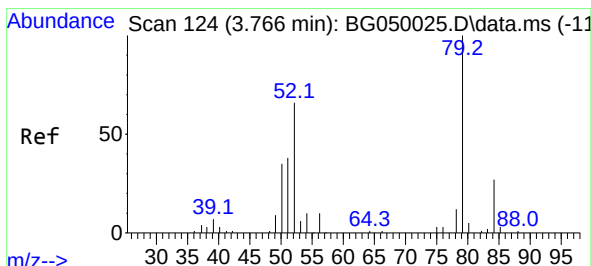
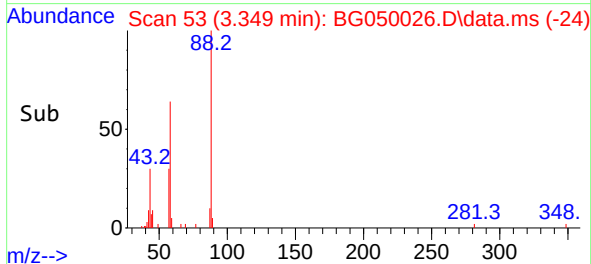
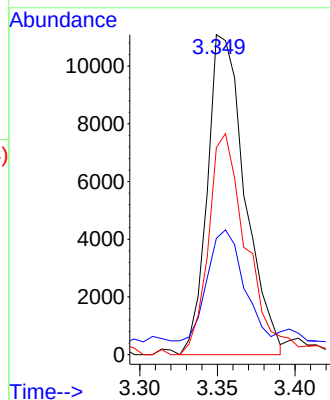
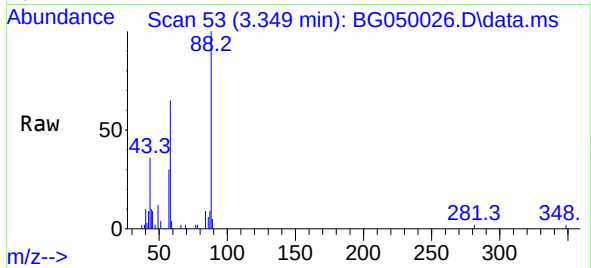
Tgt Ion: 88 Resp: 18678
Ion Ratio Lower Upper
88 100
43 36.3 21.6 32.4#
58 64.7 52.0 78.0

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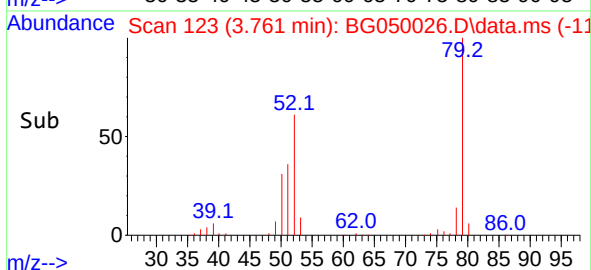
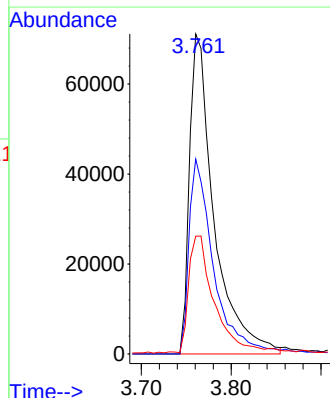
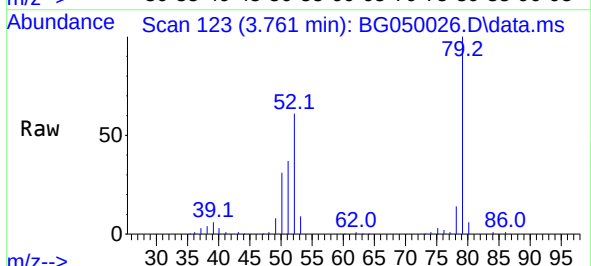
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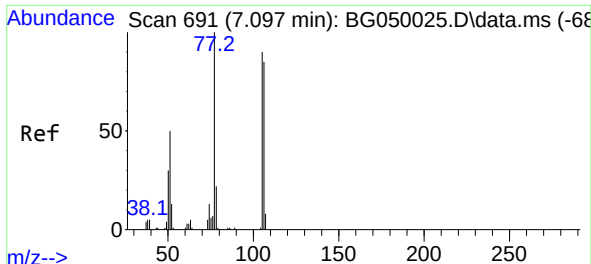
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#5
Pyridine
Concen: 84.293 ng/uL
RT: 3.761 min Scan# 123
Delta R.T. -0.028 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

Tgt Ion: 79 Resp: 135061
Ion Ratio Lower Upper
79 100
52 60.9 61.1 91.7#
51 36.8 34.8 52.2





#6
Benzaldehyde
Concen: 113.181 ng/ul
RT: 7.097 min Scan# 691
Delta R.T. -0.023 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

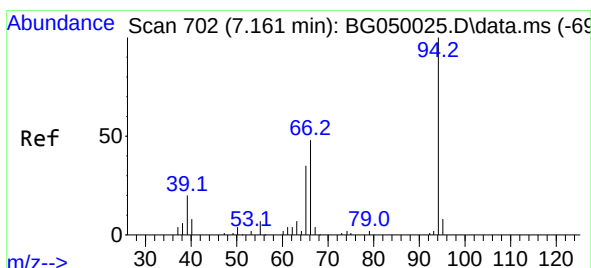
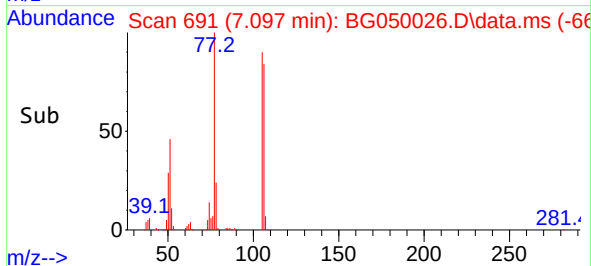
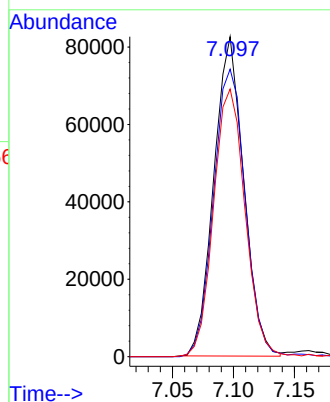
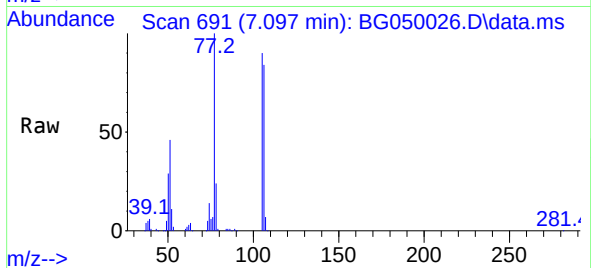
Tgt Ion:	77	Resp:	140369
Ion	Ratio	Lower	Upper
77	100		
105	89.8	72.3	108.5
106	83.7	72.3	108.5

Instrument :
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ClientSampleId :
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Manual Integrations
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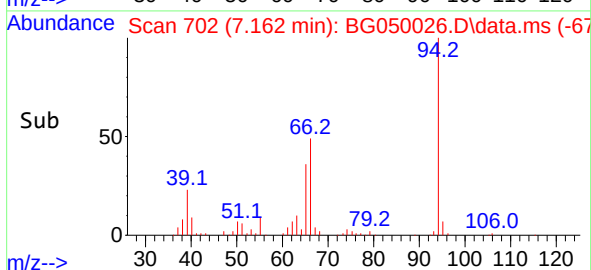
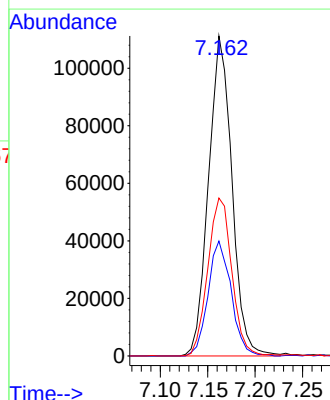
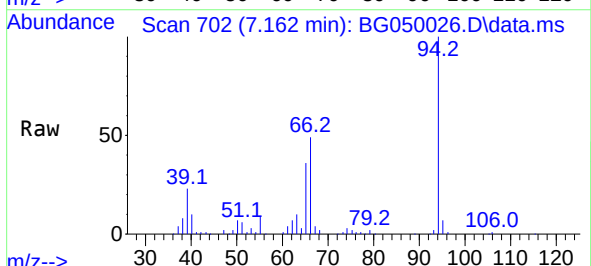
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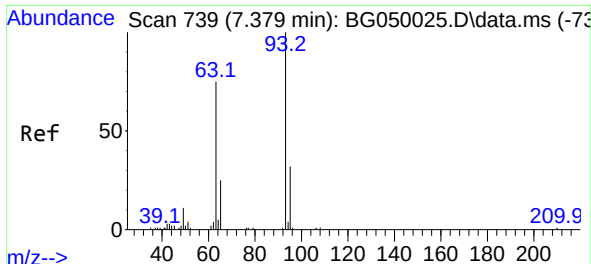
8/30/2021 10:33:43 AM



#8
Phenol
Concen: 87.767 ng/ul
RT: 7.162 min Scan# 702
Delta R.T. -0.017 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

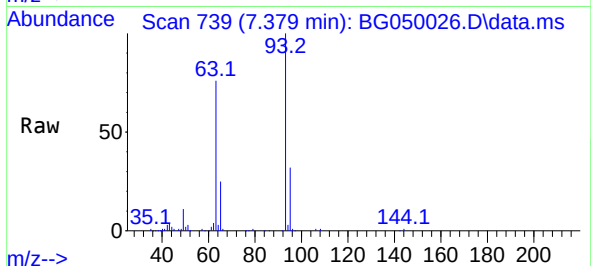
Tgt Ion:	94	Resp:	191056
Ion	Ratio	Lower	Upper
94	100		
65	35.9	27.7	41.5
66	49.3	39.0	58.4





#10
Bis(2-Chloroethyl)ether
Concen: 87.003 ng/ul
RT: 7.379 min Scan# 739
Delta R.T. -0.017 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

Instrument :
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ClientSampled :
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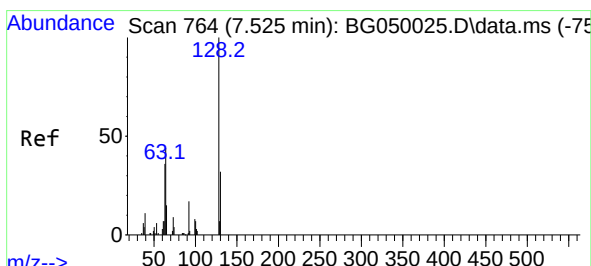
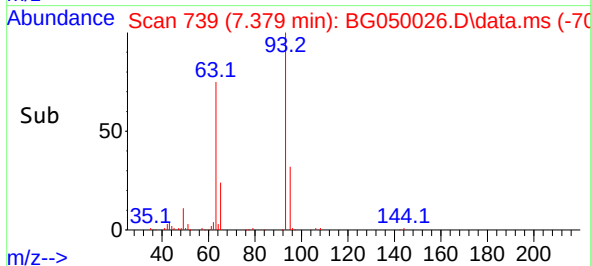
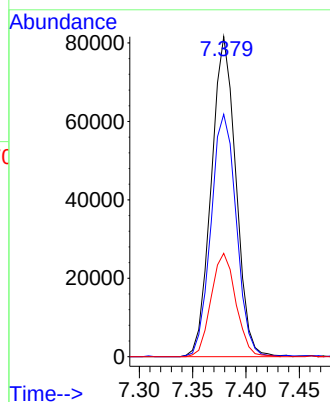


Tgt Ion: 93 Resp: 130743
Ion Ratio Lower Upper
93 100
63 75.7 59.9 89.9
95 32.3 27.6 41.4

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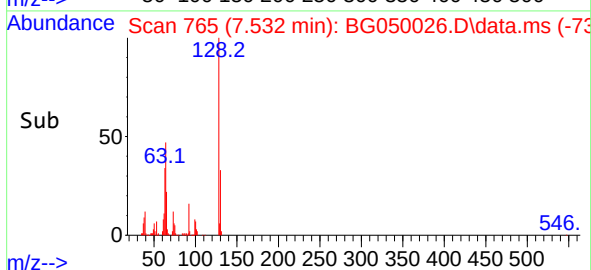
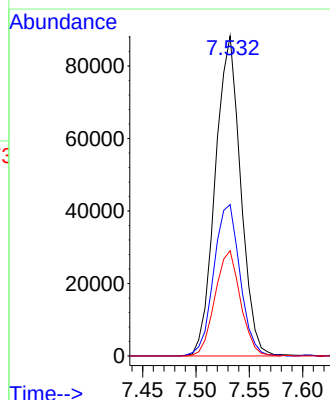
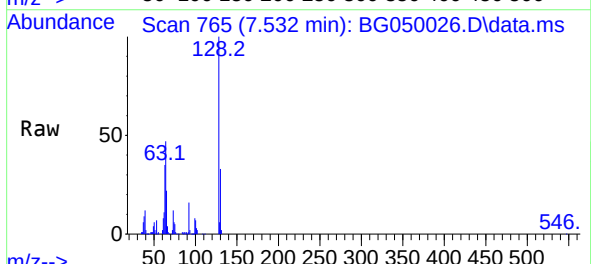
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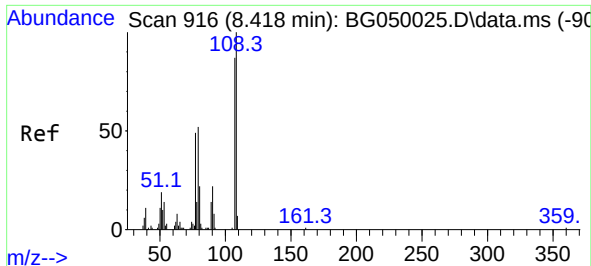
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#12
2-Chlorophenol
Concen: 91.682 ng/ul
RT: 7.532 min Scan# 765
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

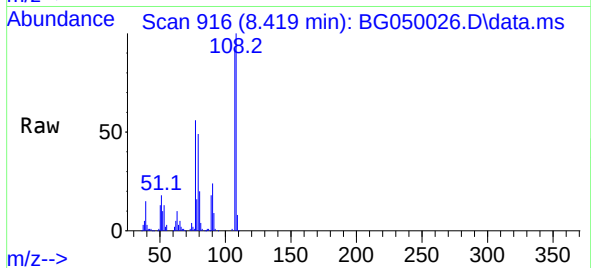
Tgt Ion:128 Resp: 146094
Ion Ratio Lower Upper
128 100
64 47.3 28.0 42.0#
130 32.9 24.4 36.6



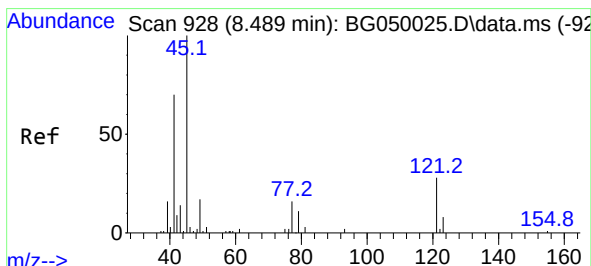
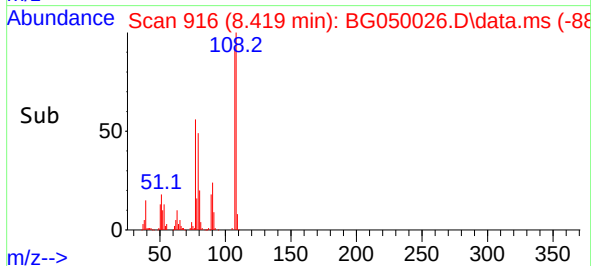
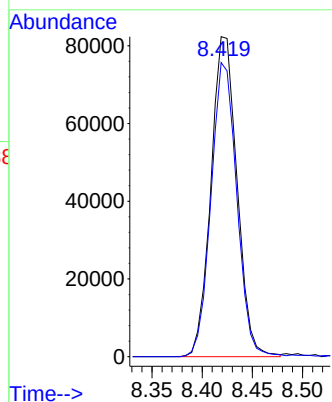


#13
2-Methylphenol
Concen: 88.725 ng/ul
RT: 8.419 min Scan# 916
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

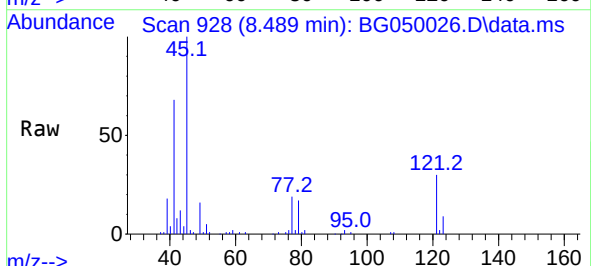
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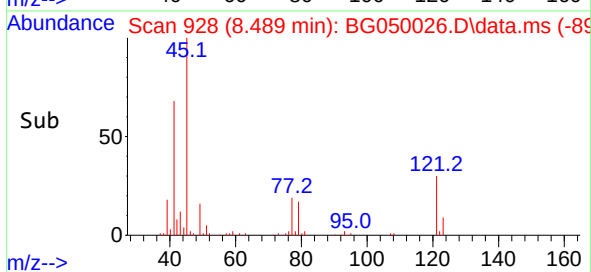
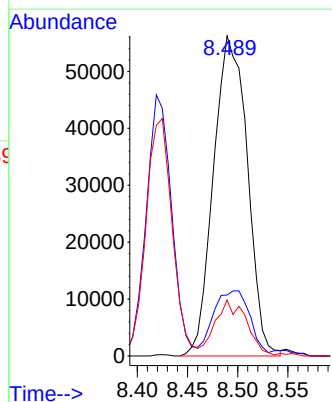
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Ion Ratio Lower Upper
108 100
107 91.9 71.0 106.4

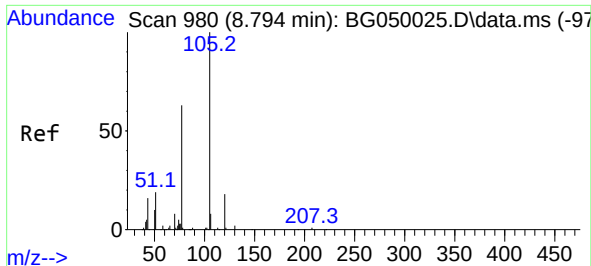


#14
2,2'-oxybis(1-Chloropropane)
Concen: 83.692 ng/ul
RT: 8.489 min Scan# 928
Delta R.T. -0.023 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07



Tgt Ion: 45 Resp: 131882
Ion Ratio Lower Upper
45 100
77 19.1 16.9 25.3
79 17.4 11.0 16.4#





#16
Acetophenone
Concen: 85.106 ng/ul
RT: 8.795 min Scan# 980
Delta R.T. -0.017 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

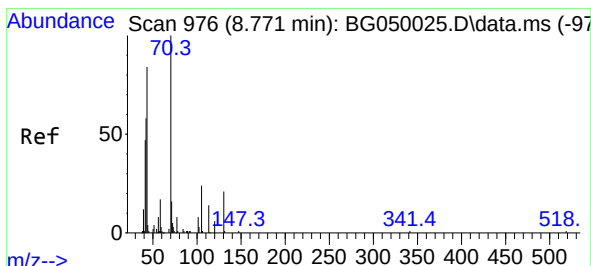
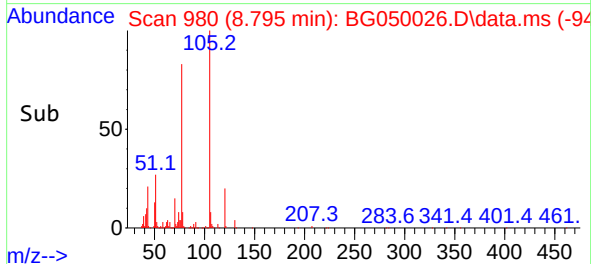
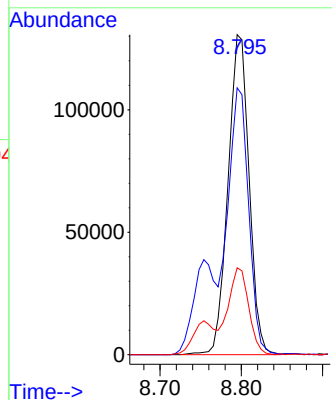
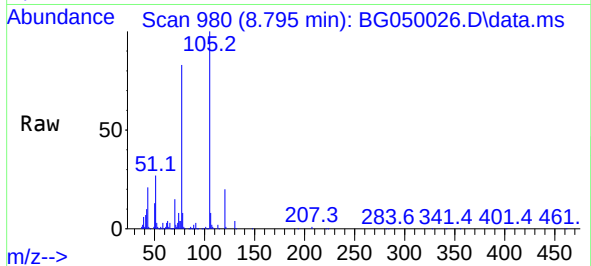
Tgt Ion:105 Resp: 235576
Ion Ratio Lower Upper
105 100
77 83.4 67.7 101.5
51 27.2 25.3 37.9

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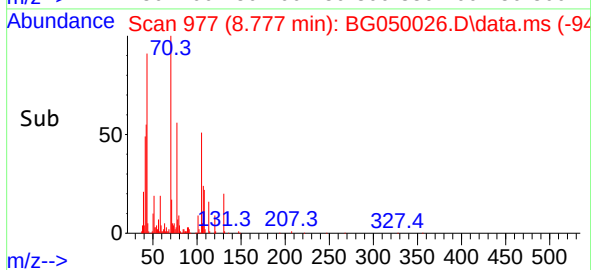
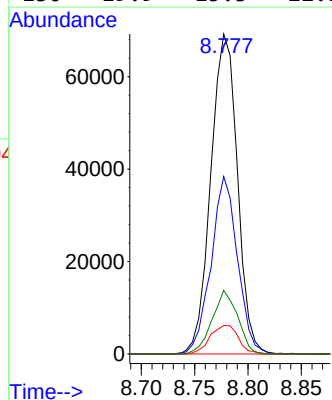
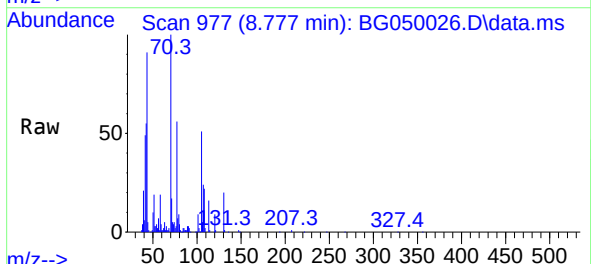
mohammad

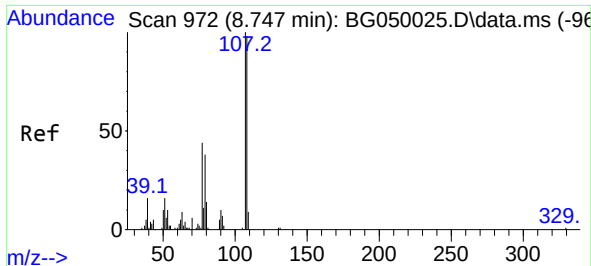
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#17
N-Nitroso-di-n-propylamine
Concen: 86.290 ng/ul
RT: 8.777 min Scan# 977
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

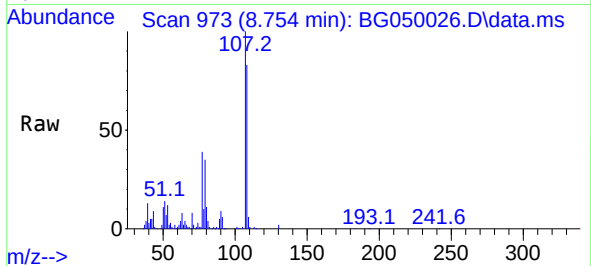
Tgt Ion: 70 Resp: 119934
Ion Ratio Lower Upper
70 100
42 55.5 44.2 66.4
101 8.9 7.8 11.8
130 19.9 15.3 22.9





#18
4-Methylphenol
Concen: 86.732 ng/ul
RT: 8.754 min Scan# 973
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

Instrument :
BNA_G
ClientSampled :
SP5662

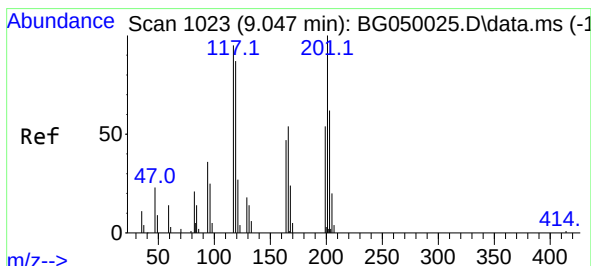
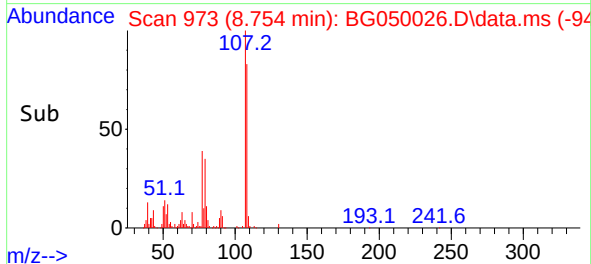
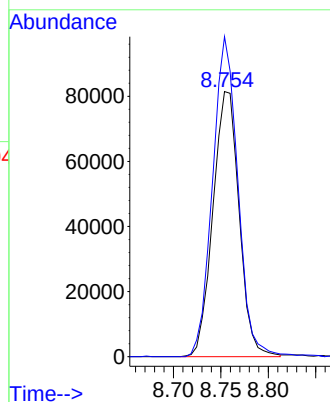


Tgt Ion:108 Resp: 156702
Ion Ratio Lower Upper
108 100
107 120.7 78.3 117.5#

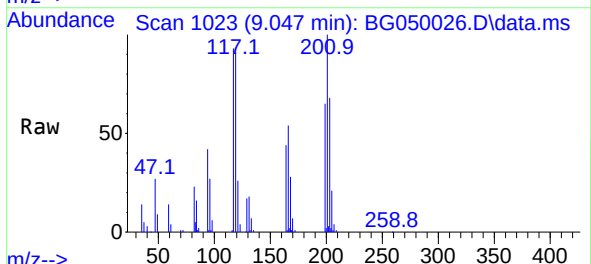
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mohammad

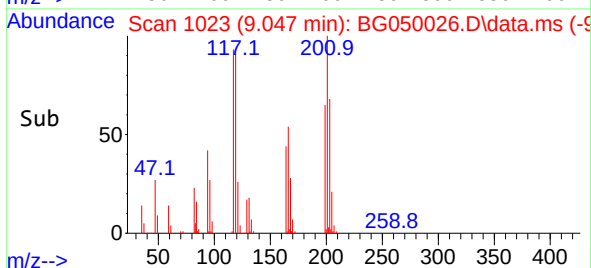
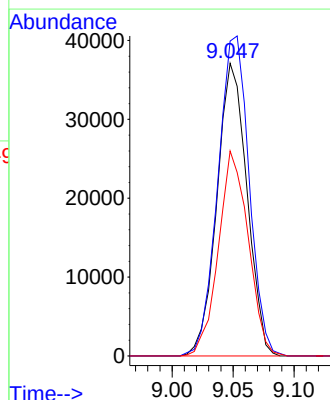
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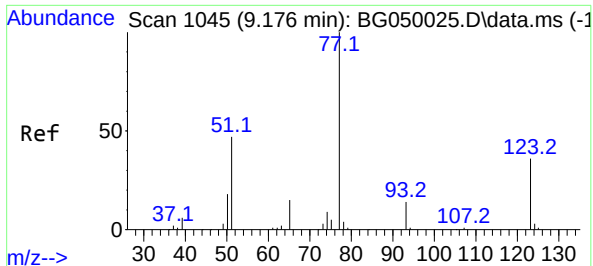


#19
Hexachloroethane
Concen: 91.194 ng/ul
RT: 9.047 min Scan# 1023
Delta R.T. -0.028 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07



Tgt Ion:117 Resp: 63596
Ion Ratio Lower Upper
117 100
201 107.6 89.3 133.9
199 70.1 50.5 75.7





#22
Nitrobenzene
Concen: 87.252 ng/ul
RT: 9.183 min Scan# 1046
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

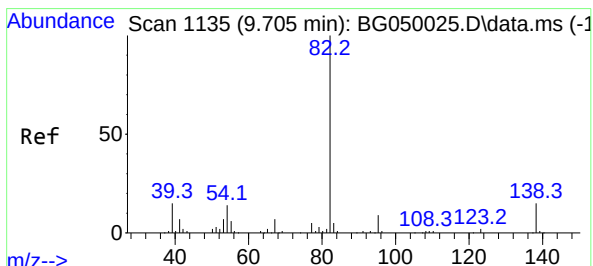
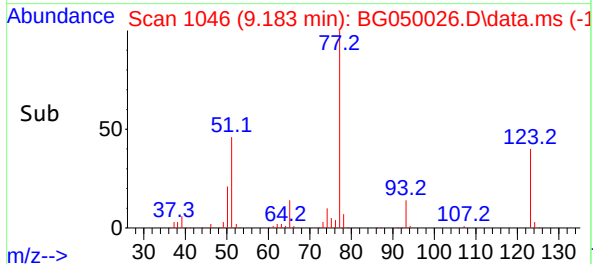
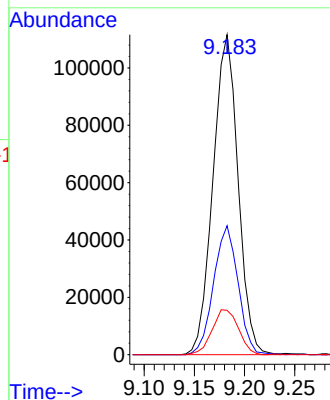
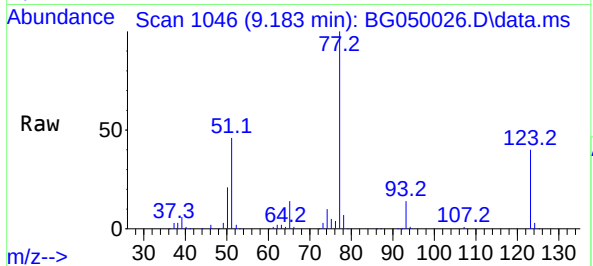
Tgt Ion: 77 Resp: 193897
Ion Ratio Lower Upper
77 100
123 40.3 30.4 45.6
65 13.8 11.3 16.9

Instrument :
BNA_G
ClientSampled :
SP5662

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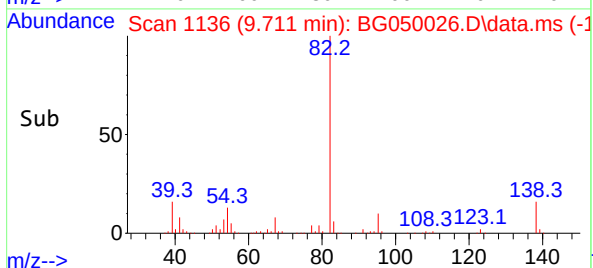
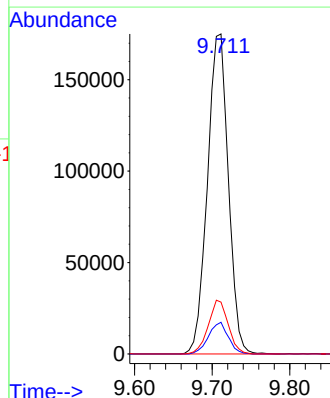
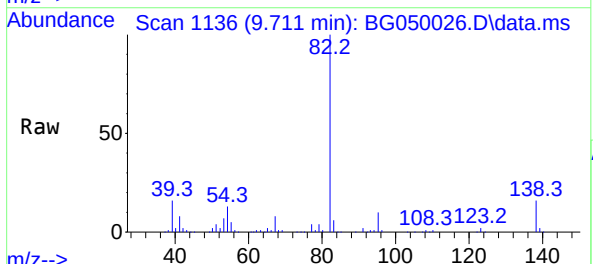
mohammad

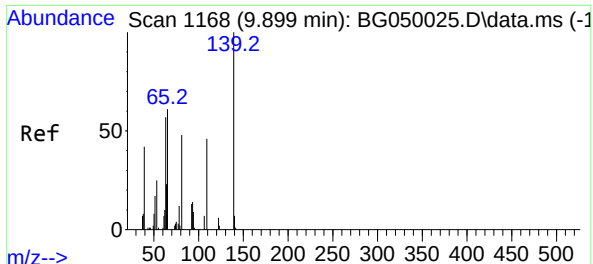
8/30/2021 10:33:43 AM



#23
Isophorone
Concen: 82.758 ng/ul
RT: 9.711 min Scan# 1136
Delta R.T. -0.005 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

Tgt Ion: 82 Resp: 327674
Ion Ratio Lower Upper
82 100
95 9.9 7.8 11.8
138 16.2 11.4 17.0





#25
2-Nitrophenol
Concen: 90.710 ng/ul
RT: 9.899 min Scan# 1168
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

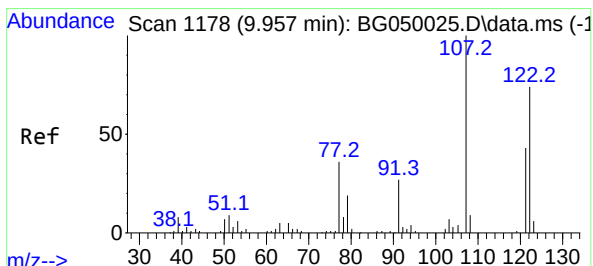
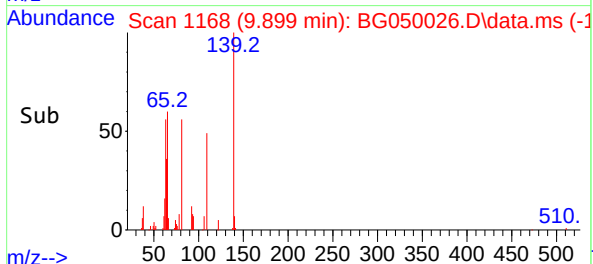
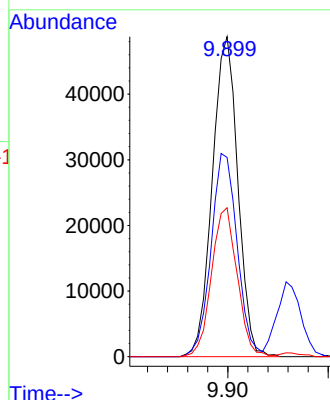
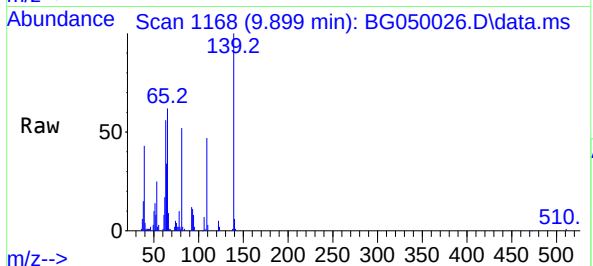
Tgt Ion:	139	Resp:	86124
Ion Ratio	Lower	Upper	
139	100		
65	62.2	53.1	79.7
109	46.5	44.1	66.1

Instrument :
BNA_G
ClientSampled :
SP5662

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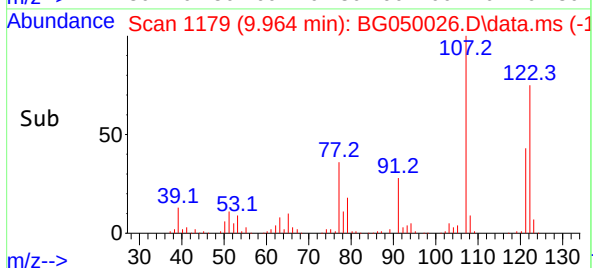
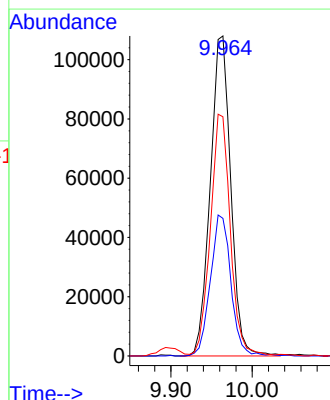
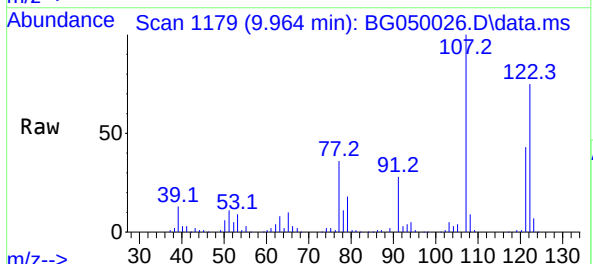
mohammad

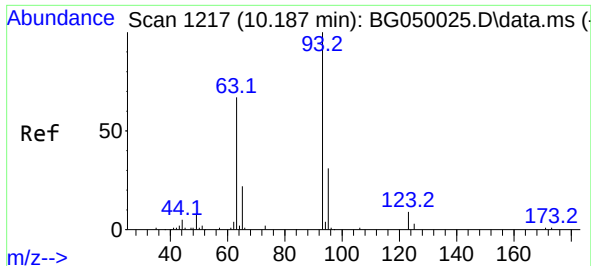
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#26
2,4-Dimethylphenol
Concen: 89.698 ng/ul
RT: 9.964 min Scan# 1179
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

Tgt Ion:	107	Resp:	189266
Ion Ratio	Lower	Upper	
107	100		
121	43.0	32.7	49.1
122	74.7	52.6	79.0





#27
 Bis(2-Chloroethoxy)methane
 Concen: 86.621 ng/ul
 RT: 10.187 min Scan# 1217
 Delta R.T. -0.011 min
 Lab File: BG050026.D
 Acq: 28 Aug 2021 12:07

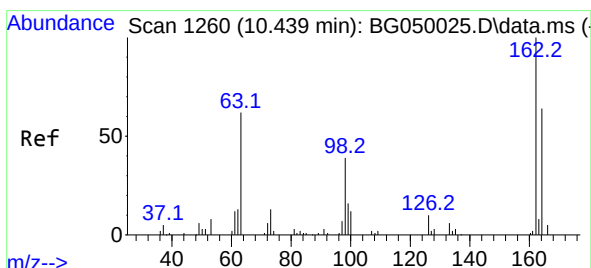
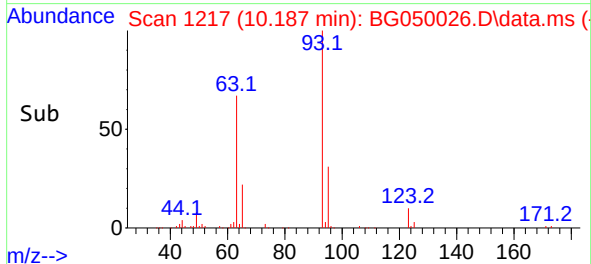
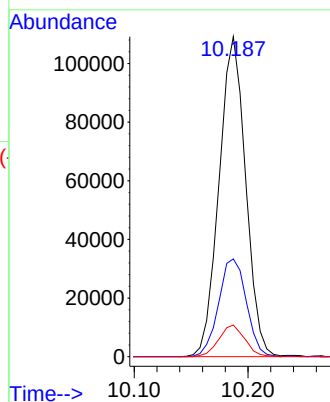
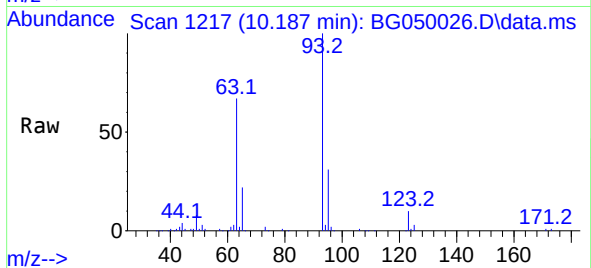
Tgt Ion: 93 Resp: 177105
 Ion Ratio Lower Upper
 93 100
 95 30.6 24.8 37.2
 123 9.9 8.2 12.2

Instrument :
 BNA_G
 ClientSampled :
 SP5662

Manual Integrations
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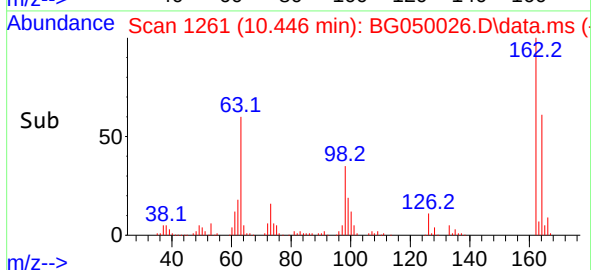
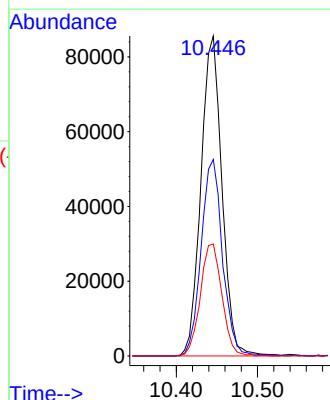
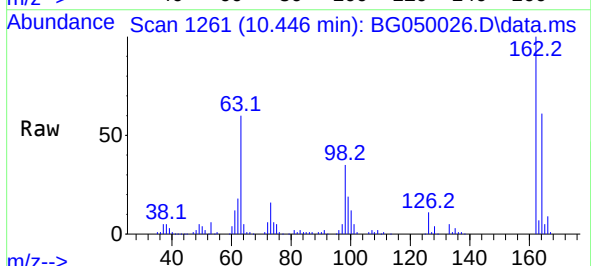
mohammad

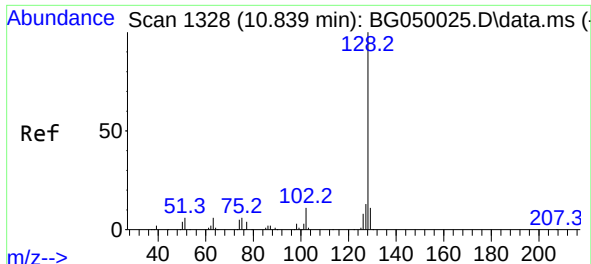
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#29
 2,4-Dichlorophenol
 Concen: 96.300 ng/ul
 RT: 10.446 min Scan# 1261
 Delta R.T. -0.011 min
 Lab File: BG050026.D
 Acq: 28 Aug 2021 12:07

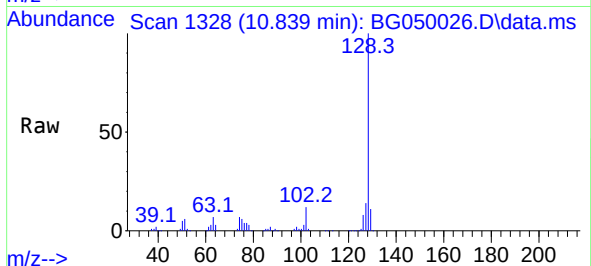
Tgt Ion:162 Resp: 153953
 Ion Ratio Lower Upper
 162 100
 164 61.4 51.0 76.6
 98 35.0 27.8 41.8





#30
Naphthalene
Concen: 85.948 ng/ul
RT: 10.839 min Scan# 1328
Delta R.T. -0.017 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

Instrument :
BNA_G
ClientSampled :
SP5662

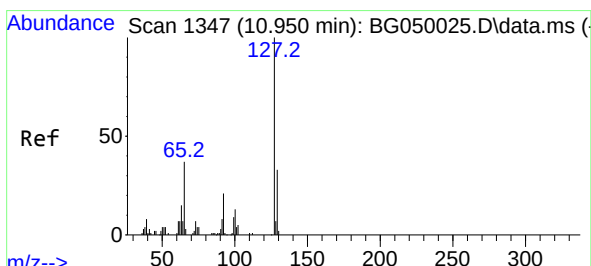
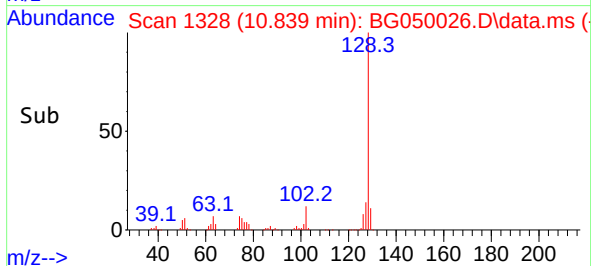
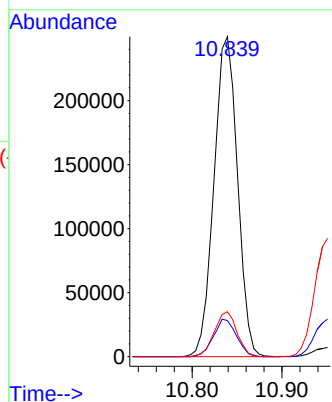


Tgt Ion:128 Resp: 454445
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 14.0 9.8 14.6

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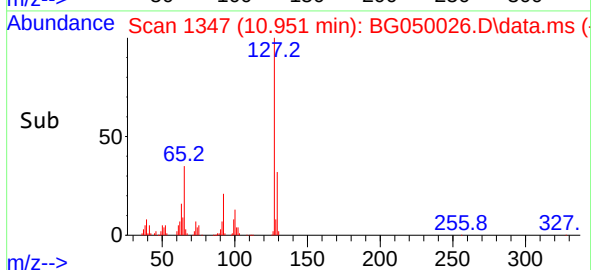
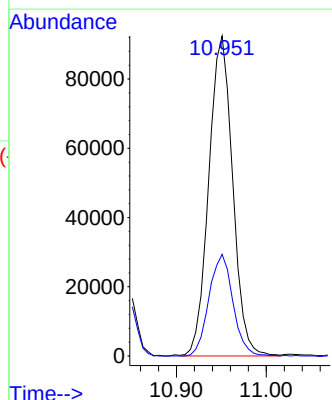
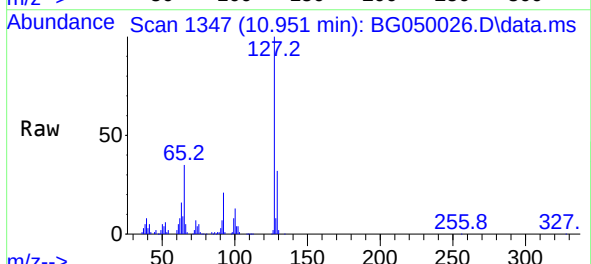
mohammad

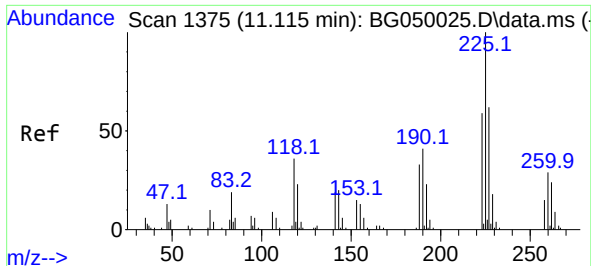
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#32
4-Chloroaniline
Concen: 74.788 ng/ul
RT: 10.951 min Scan# 1347
Delta R.T. -0.017 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

Tgt Ion:127 Resp: 170756
Ion Ratio Lower Upper
127 100
129 31.7 30.3 45.5





#33
Hexachlorobutadiene
Concen: 88.045 ng/ul
RT: 11.115 min Scan# 1375
Delta R.T. -0.017 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

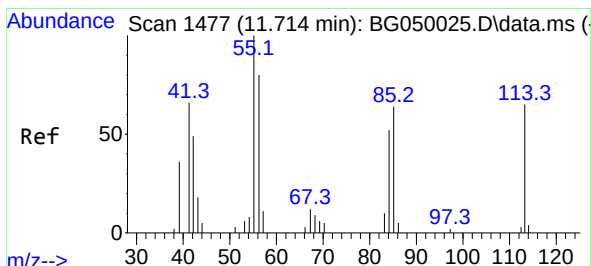
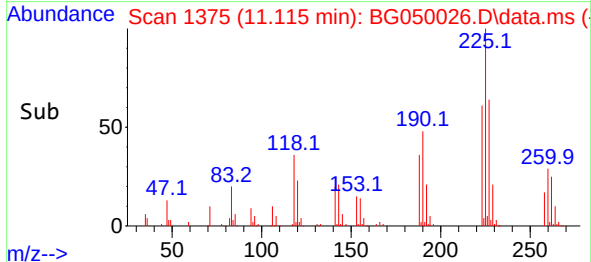
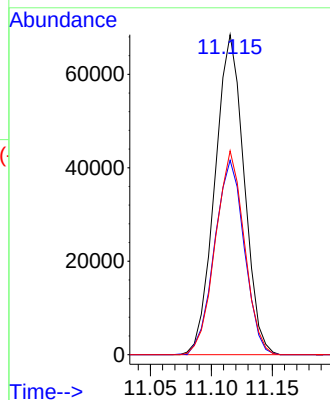
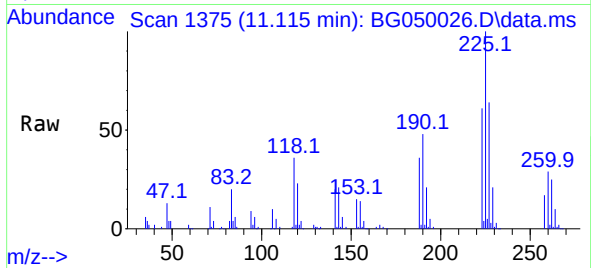
Tgt Ion:225 Resp: 113867
Ion Ratio Lower Upper
225 100
223 60.8 51.3 76.9
227 63.7 55.1 82.7

Instrument :
BNA_G
ClientSampled :
SP5662

Manual Integrations
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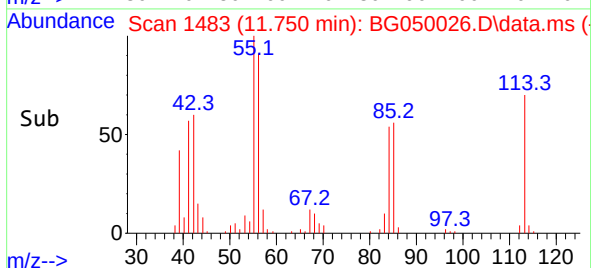
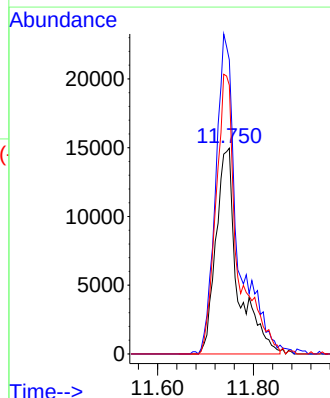
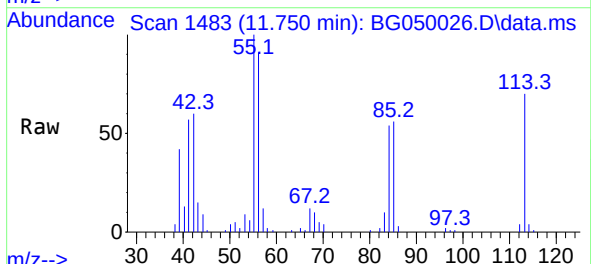
mohammad

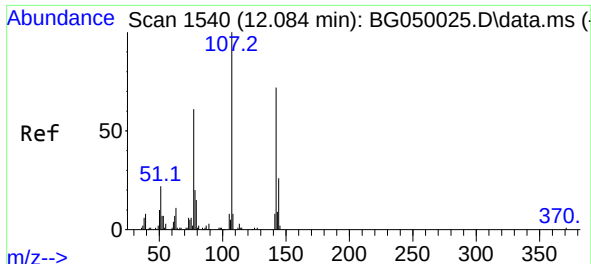
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#34
Caprolactam
Concen: 85.205 ng/ul m
RT: 11.750 min Scan# 1483
Delta R.T. 0.019 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

Tgt Ion:113 Resp: 47715
Ion Ratio Lower Upper
113 100
55 142.9 114.0 171.0
56 130.6 107.4 161.0





#35
4-Chloro-3-methylphenol
Concen: 90.699 ng/ul
RT: 12.090 min Scan# 1541
Delta R.T. -0.005 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

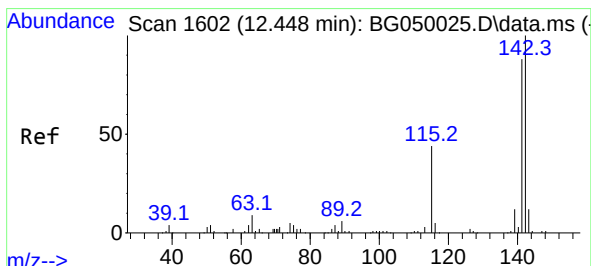
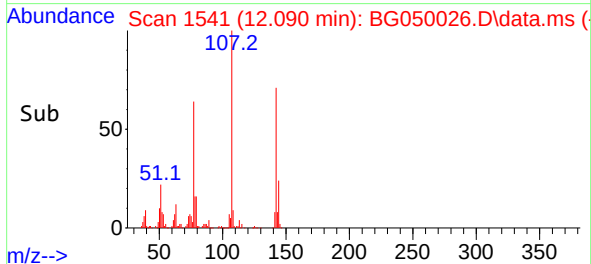
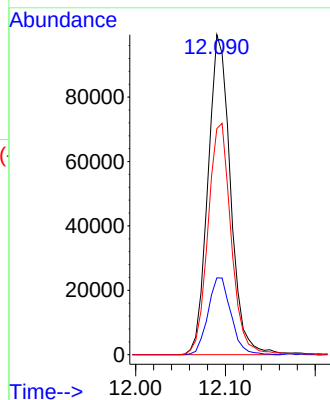
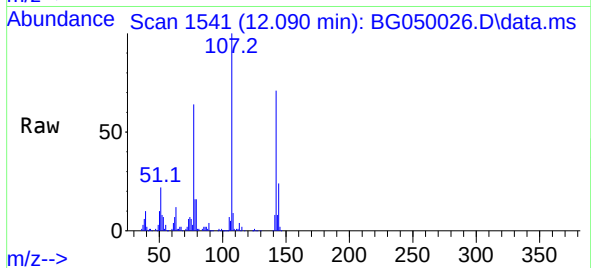
Tgt Ion:107 Resp: 173294
Ion Ratio Lower Upper
107 100
144 24.0 18.9 28.3
142 70.6 59.2 88.8

Instrument :
BNA_G
ClientSampled :
SP5662

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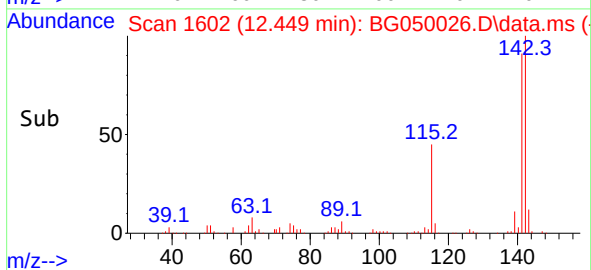
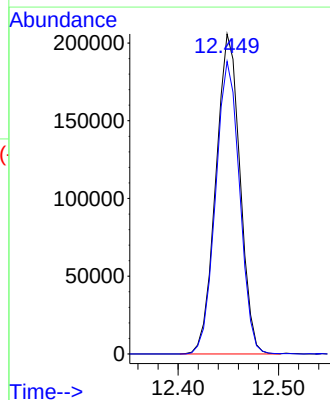
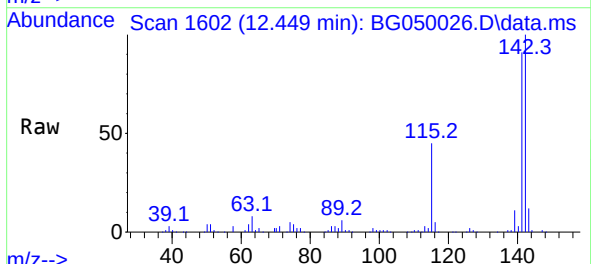
mohammad

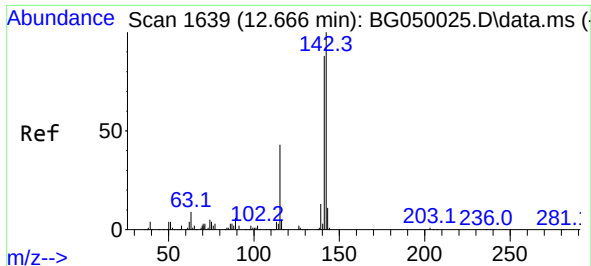
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#36
2-Methylnaphthalene
Concen: 87.257 ng/ul
RT: 12.449 min Scan# 1602
Delta R.T. -0.017 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

Tgt Ion:142 Resp: 342958
Ion Ratio Lower Upper
142 100
141 91.4 70.5 105.7





#37
1-Methylnaphthalene
Concen: 82.252 ng/ul
RT: 12.672 min Scan# 1640
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

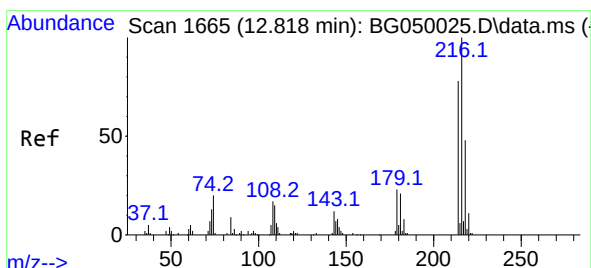
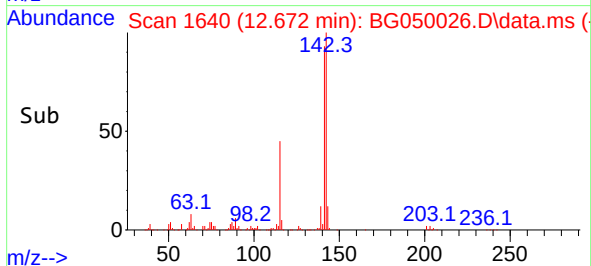
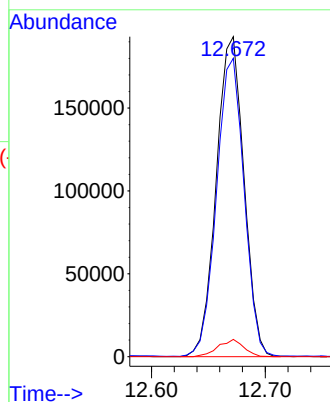
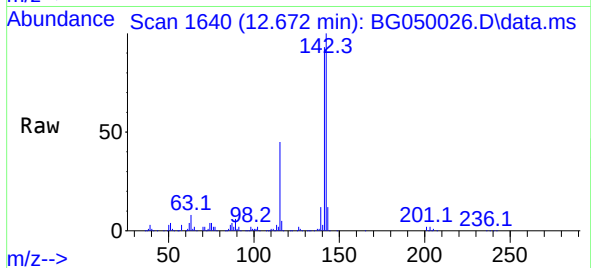
Tgt Ion:142 Resp: 326319
Ion Ratio Lower Upper
142 100
141 93.3 75.8 113.8
116 5.4 3.7 5.5

Instrument :
BNA_G
ClientSampleId :
SP5662

Manual Integrations
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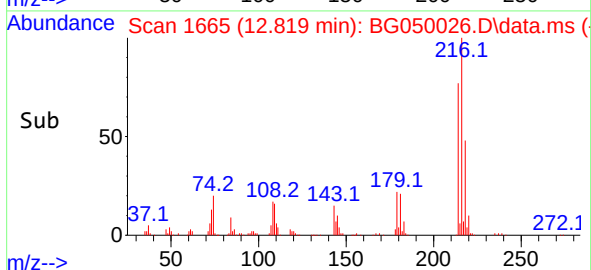
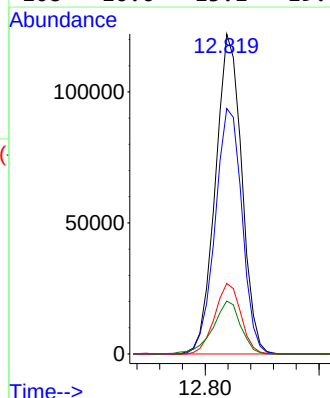
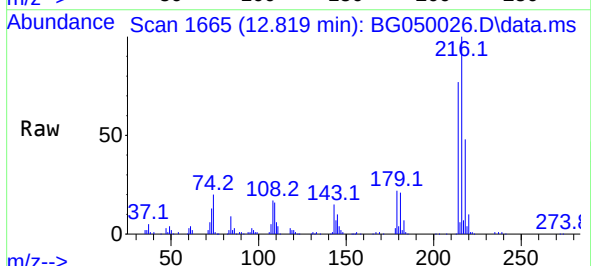
mohammad

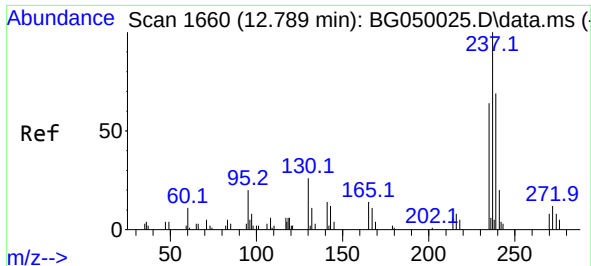
8/30/2021 10:33:43 AM



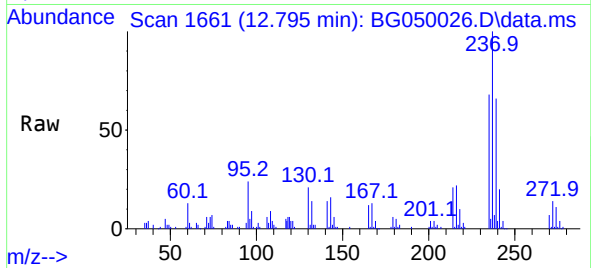
#39
1,2,4,5-Tetrachlorobenzene
Concen: 94.077 ng/ul
RT: 12.819 min Scan# 1665
Delta R.T. -0.017 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

Tgt Ion:216 Resp: 196530
Ion Ratio Lower Upper
216 100
214 76.7 64.2 96.2
179 22.0 12.8 19.2#
108 16.6 13.1 19.7

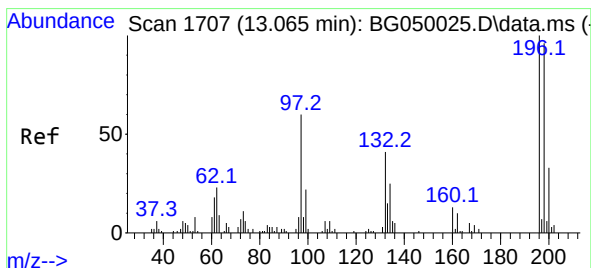
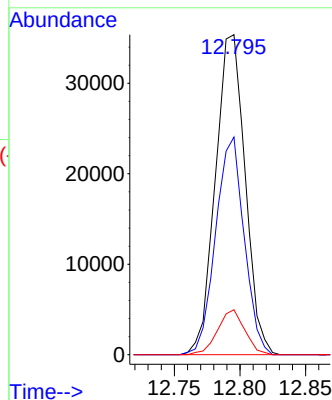
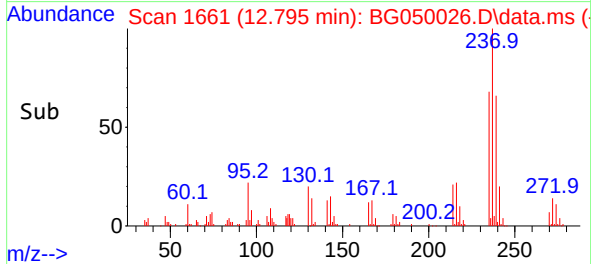




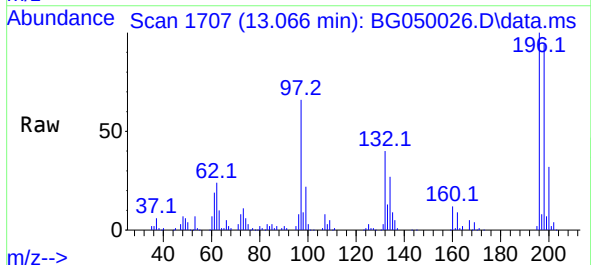
#40
Hexachlorocyclopentadiene
Concen: 59.607 ng/ul
RT: 12.795 min Scan# 1661
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07



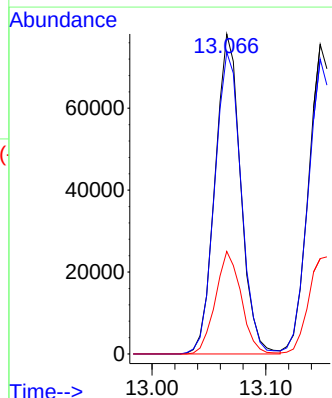
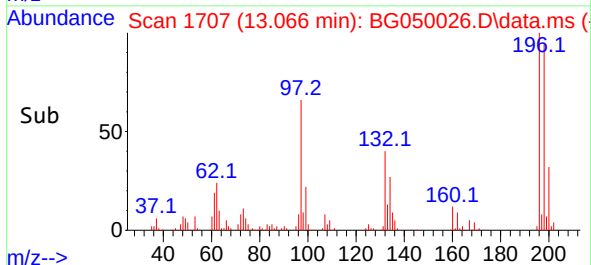
Tgt Ion:237 Resp: 55729
Ion Ratio Lower Upper
237 100
235 68.0 53.5 80.3
272 14.0 11.5 17.3



#41
2,4,6-Trichlorophenol
Concen: 91.759 ng/ul
RT: 13.066 min Scan# 1707
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07



Tgt Ion:196 Resp: 122156
Ion Ratio Lower Upper
196 100
198 94.3 83.7 125.5
200 32.0 25.9 38.9

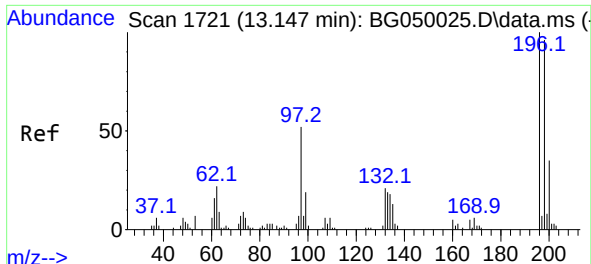


Instrument :
BNA_G
ClientSampleId :
SP5662

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#42
2,4,5-Trichlorophenol
Concen: 89.552 ng/ul
RT: 13.148 min Scan# 1721
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

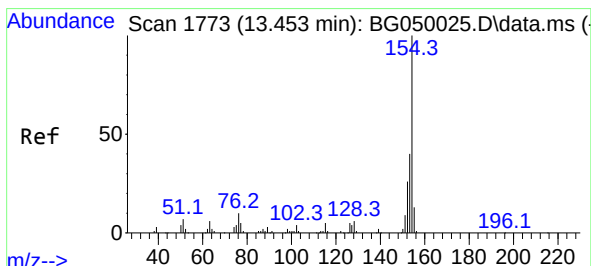
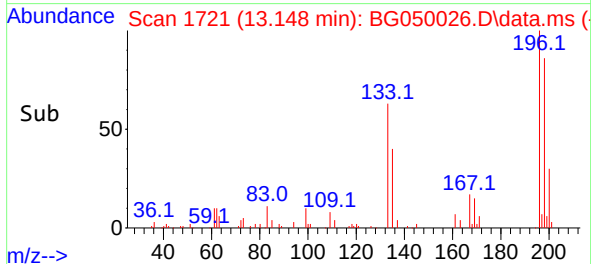
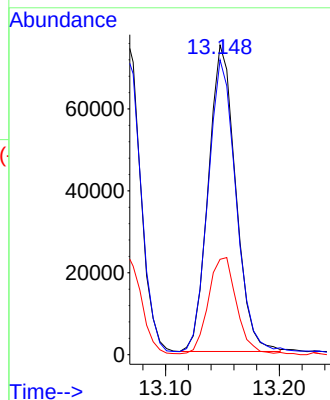
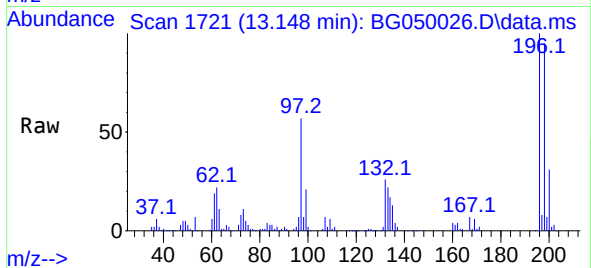
Tgt Ion:196 Resp: 124948
Ion Ratio Lower Upper
196 100
198 95.2 70.3 105.5
200 30.8 26.6 40.0

Instrument :
BNA_G
ClientSampled :
SP5662

Manual Integrations
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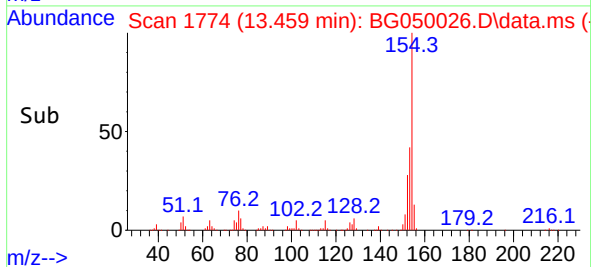
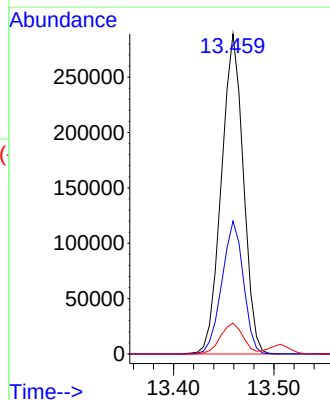
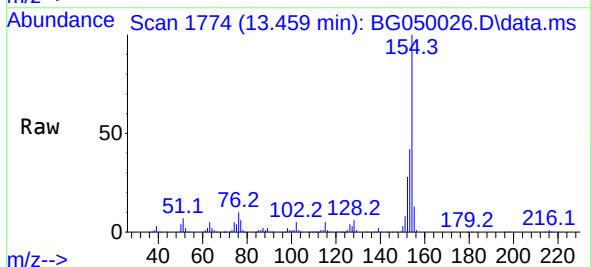
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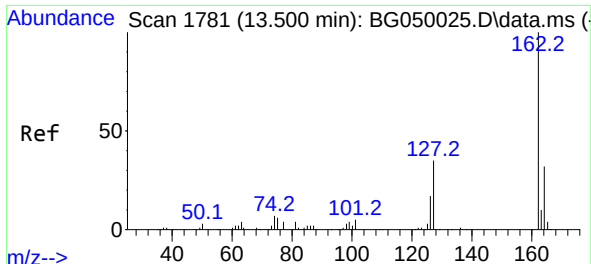
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#43
1,1'-Biphenyl
Concen: 88.222 ng/ul
RT: 13.459 min Scan# 1774
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

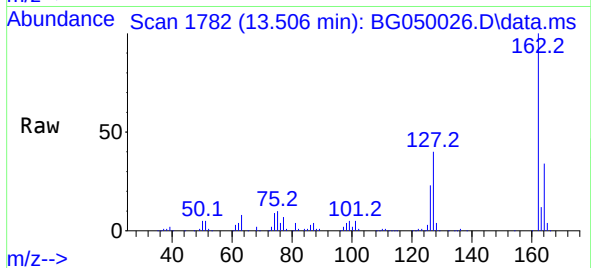
Tgt Ion:154 Resp: 438375
Ion Ratio Lower Upper
154 100
153 41.5 32.5 48.7
76 9.6 7.8 11.8





#44
2-Chloronaphthalene
Concen: 87.282 ng/ul
RT: 13.506 min Scan# 1782
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

Instrument :
BNA_G
ClientSampled :
SP5662

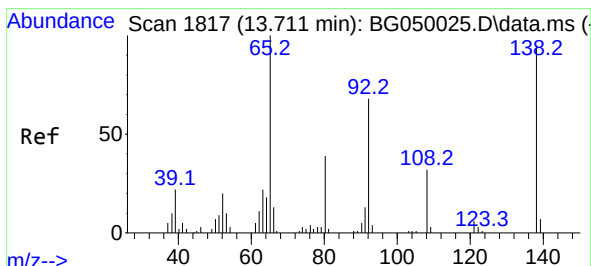
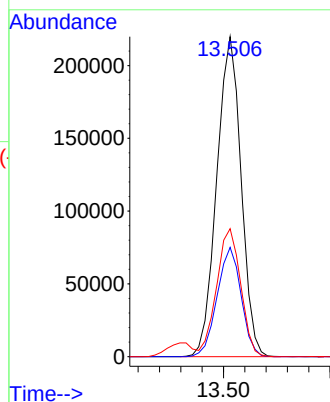


Tgt Ion:162 Resp: 348365
Ion Ratio Lower Upper
162 100
164 34.1 25.2 37.8
127 40.0 31.9 47.9

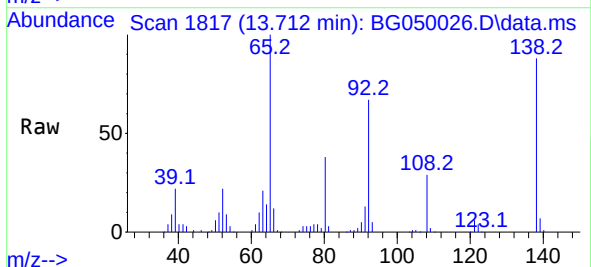
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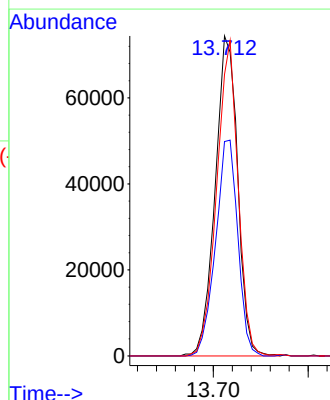
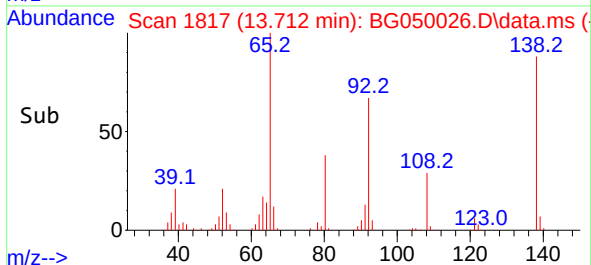
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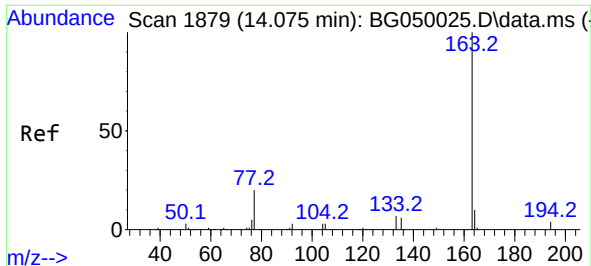


#45
2-Nitroaniline
Concen: 90.331 ng/ul
RT: 13.712 min Scan# 1817
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

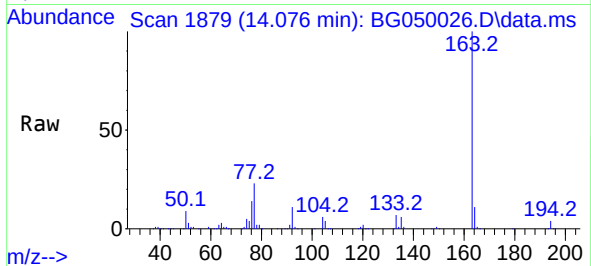


Tgt Ion: 65 Resp: 122408
Ion Ratio Lower Upper
65 100
92 67.0 55.6 83.4
138 88.0 78.7 118.1

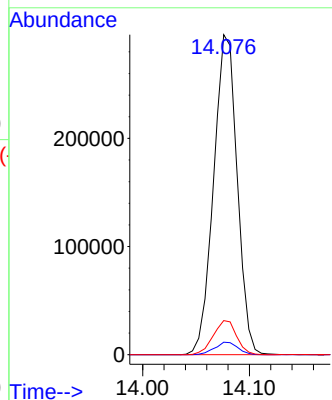




#47
Dimethylphthalate
Concen: 84.431 ng/ul
RT: 14.076 min Scan# 1879
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07



Tgt Ion:163 Resp: 454824
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.6 8.2 12.4

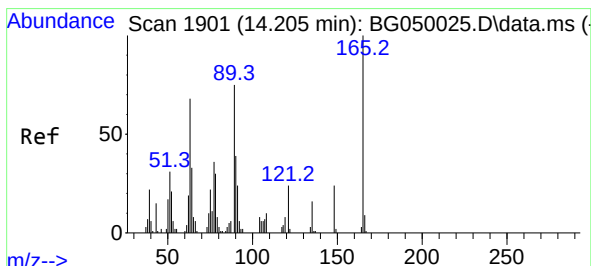


Instrument :
BNA_G
ClientSampleId :
SP5662

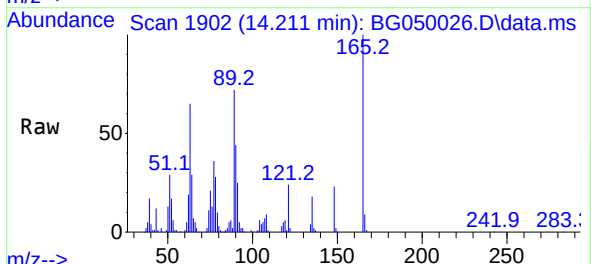
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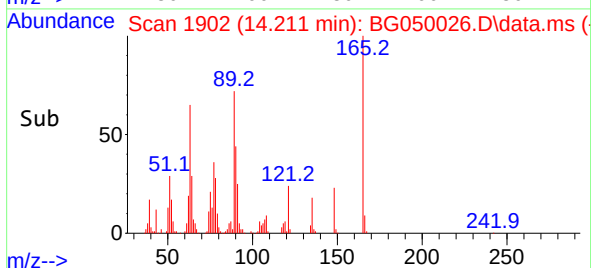
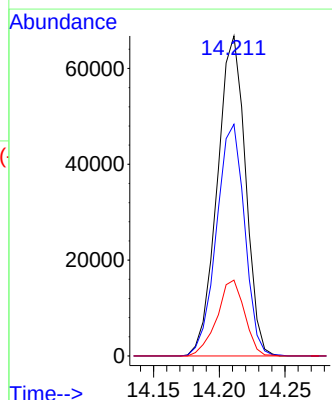
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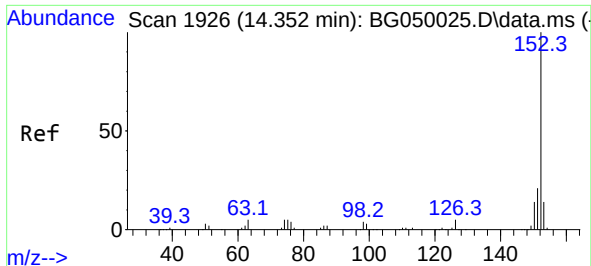


#48
2,6-Dinitrotoluene
Concen: 89.771 ng/ul
RT: 14.211 min Scan# 1902
Delta R.T. -0.005 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

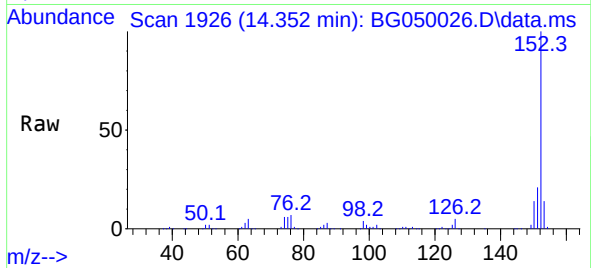


Tgt Ion:165 Resp: 99841
Ion Ratio Lower Upper
165 100
89 72.4 62.5 93.7
121 23.7 22.2 33.2

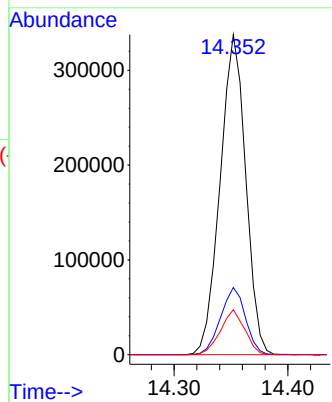
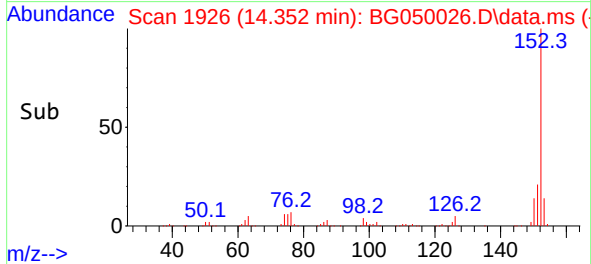




#50
Acenaphthylene
Concen: 90.373 ng/ul
RT: 14.352 min Scan# 1926
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07



Tgt Ion:152 Resp: 527156
Ion Ratio Lower Upper
152 100
151 21.0 15.2 22.8
153 14.0 10.7 16.1

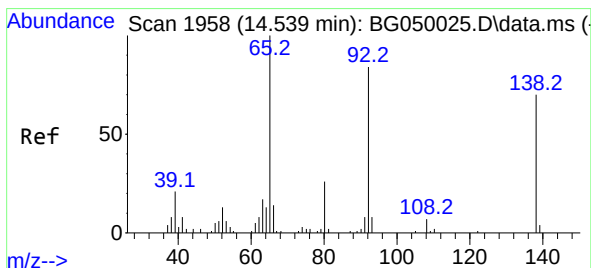


Instrument :
BNA_G
ClientSampleId :
SP5662

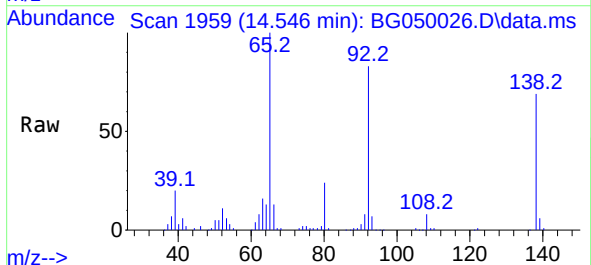
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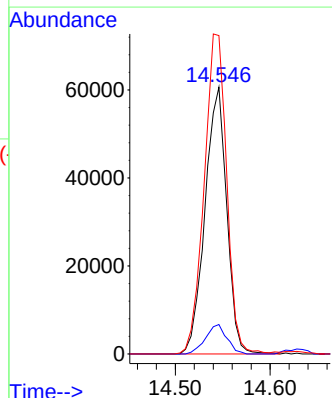
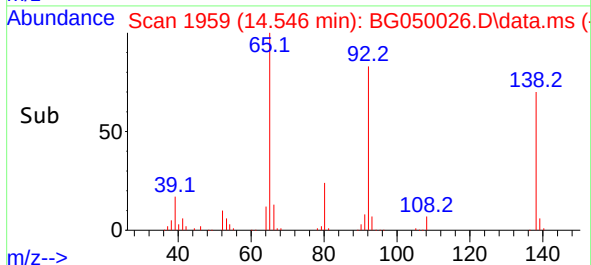
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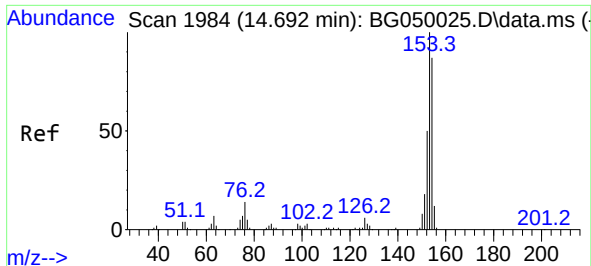


#51
3-Nitroaniline
Concen: 90.057 ng/ul
RT: 14.546 min Scan# 1959
Delta R.T. 0.001 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

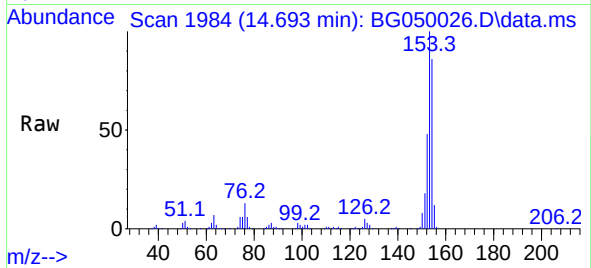


Tgt Ion:138 Resp: 96649
Ion Ratio Lower Upper
138 100
108 11.0 9.0 13.4
92 119.4 96.4 144.6

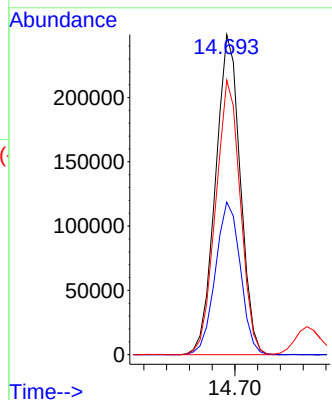




#52
Acenaphthene
Concen: 89.023 ng/ul
RT: 14.693 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07



Tgt Ion:153 Resp: 376691
Ion Ratio Lower Upper
153 100
152 47.7 37.4 56.2
154 85.8 71.5 107.3

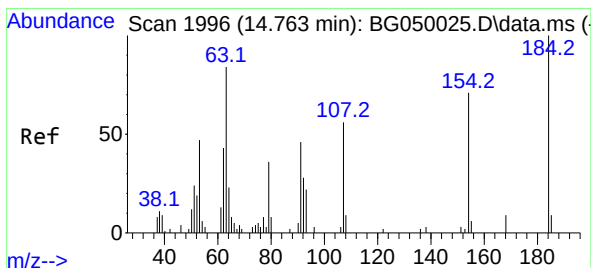


Instrument :
BNA_G
ClientSampleId :
SP5662

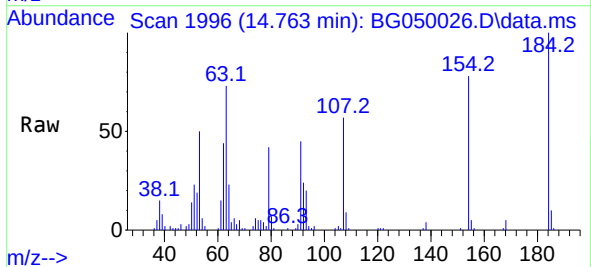
Manual Integrations
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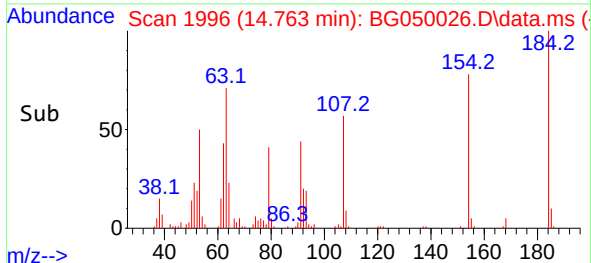
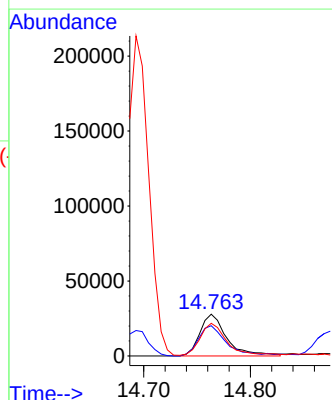
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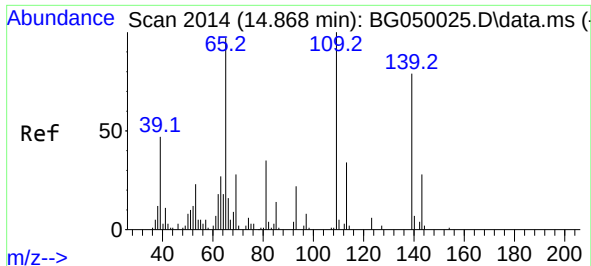


#53
2,4-Dinitrophenol
Concen: 85.987 ng/ul
RT: 14.763 min Scan# 1996
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07



Tgt Ion:184 Resp: 48844
Ion Ratio Lower Upper
184 100
63 72.5 75.8 113.8#
154 78.4 64.6 96.8





#55
4-Nitrophenol
Concen: 80.321 ng/ul
RT: 14.875 min Scan# 2015
Delta R.T. 0.001 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

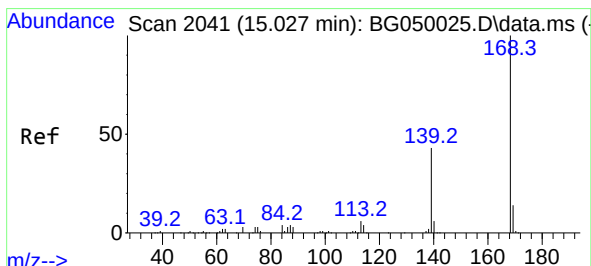
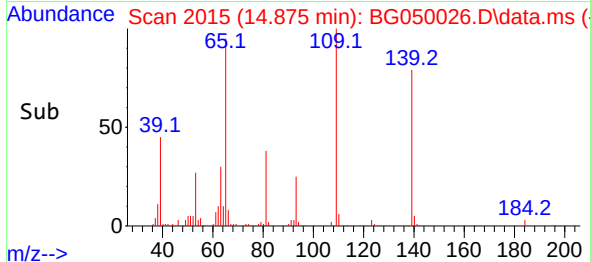
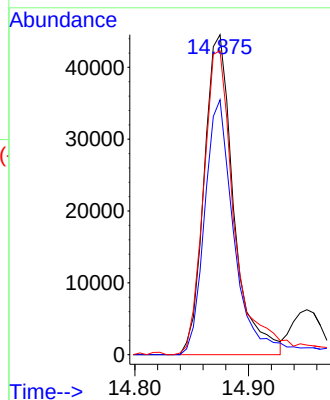
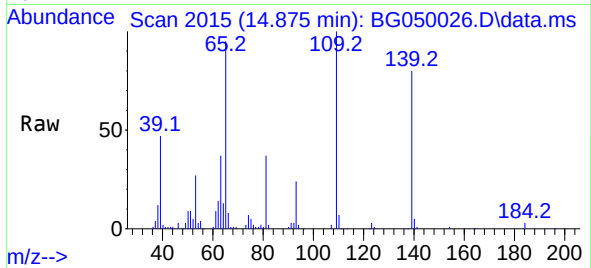
Tgt Ion:109 Resp: 80200
Ion Ratio Lower Upper
109 100
139 79.7 61.4 92.0
65 95.0 76.5 114.7

Instrument :
BNA_G
ClientSampled :
SP5662

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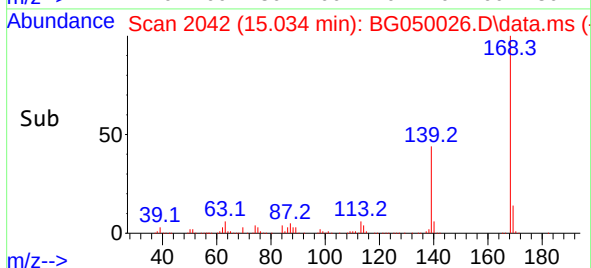
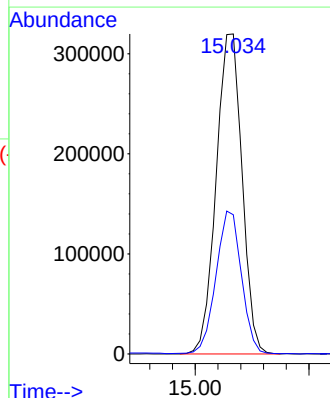
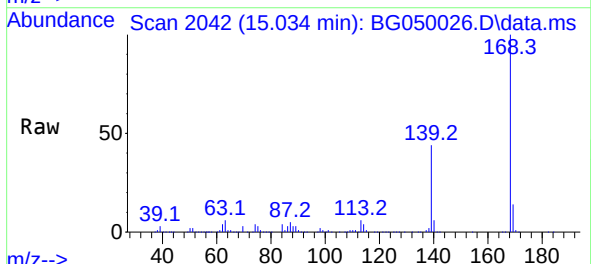
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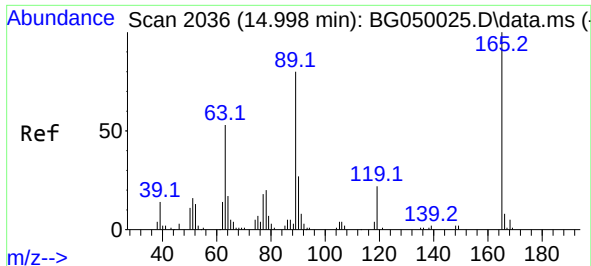
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#56
Dibenzofuran
Concen: 86.270 ng/ul
RT: 15.034 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

Tgt Ion:168 Resp: 505521
Ion Ratio Lower Upper
168 100
139 43.5 33.8 50.8





#57
2,4-Dinitrotoluene
Concen: 90.192 ng/ul
RT: 15.004 min Scan# 2037
Delta R.T. -0.005 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

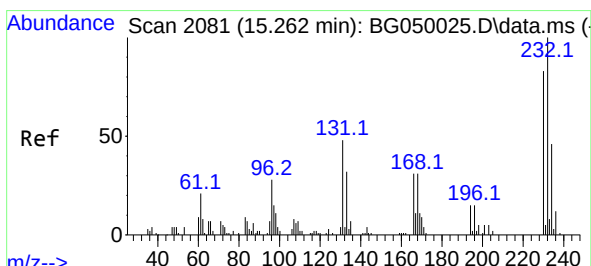
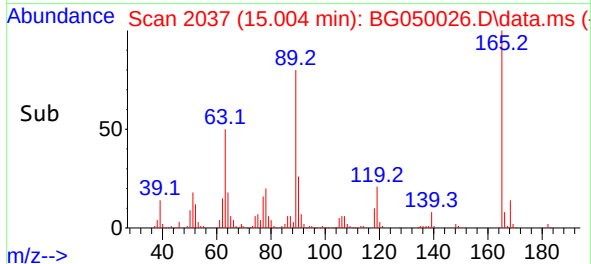
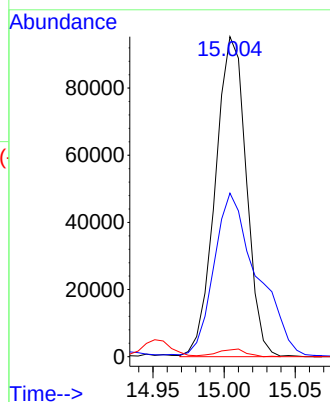
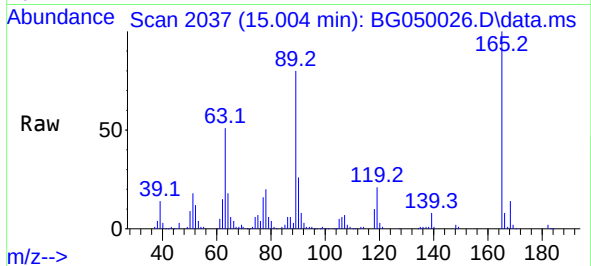
Tgt Ion:165 Resp: 144288
Ion Ratio Lower Upper
165 100
63 51.1 42.3 63.5
182 2.1 2.6 4.0#

Instrument :
BNA_G
ClientSampled :
SP5662

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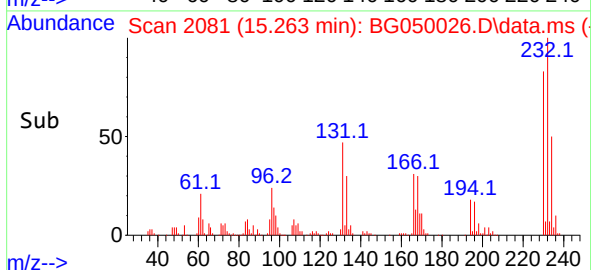
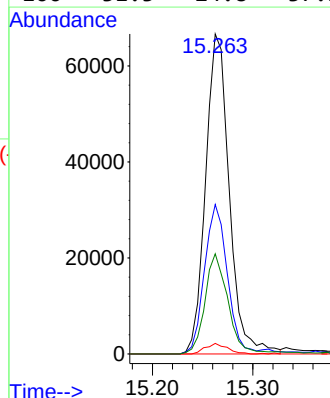
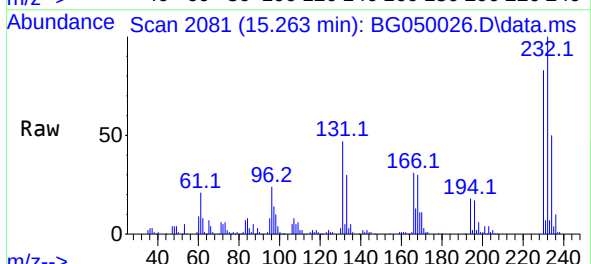
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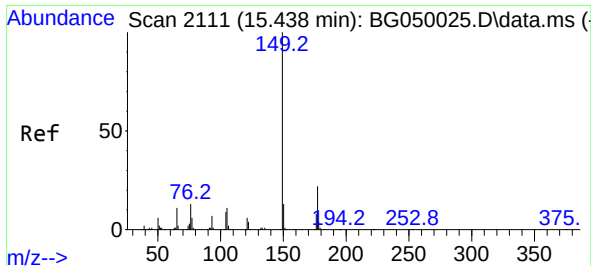
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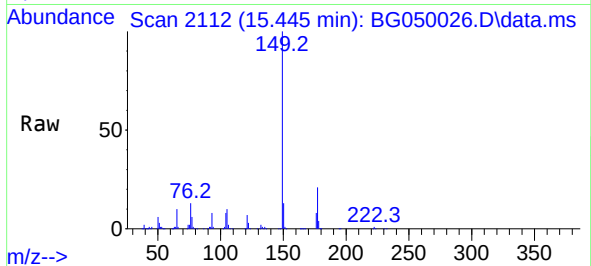
#58
2,3,4,6-Tetrachlorophenol
Concen: 94.648 ng/ul
RT: 15.263 min Scan# 2081
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

Tgt Ion:232 Resp: 109432
Ion Ratio Lower Upper
232 100
131 46.7 40.0 60.0
130 3.3 1.8 2.8#
166 31.3 24.8 37.2

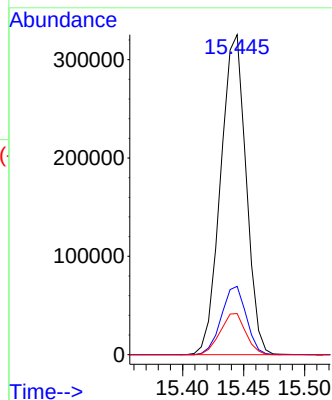




#59
Diethylphthalate
Concen: 85.734 ng/ul
RT: 15.445 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07



Tgt Ion:149 Resp: 472465
Ion Ratio Lower Upper
149 100
177 21.4 15.8 23.6
150 12.9 9.7 14.5

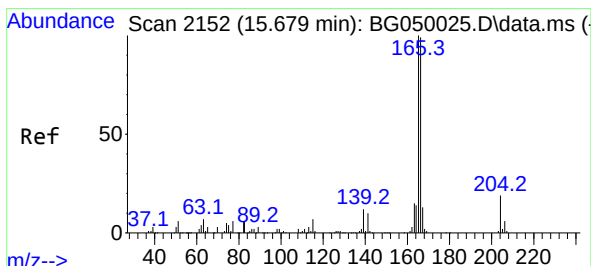


Instrument :
BNA_G
ClientSampleId :
SP5662

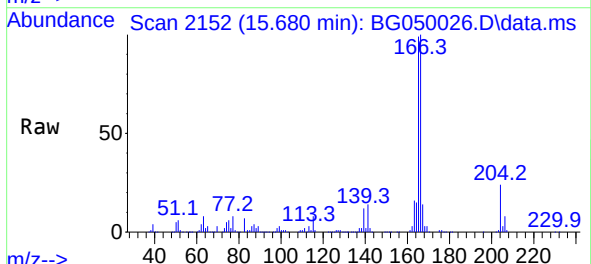
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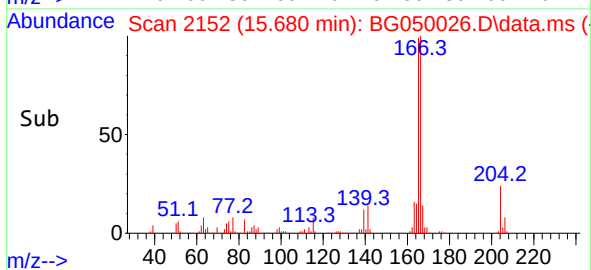
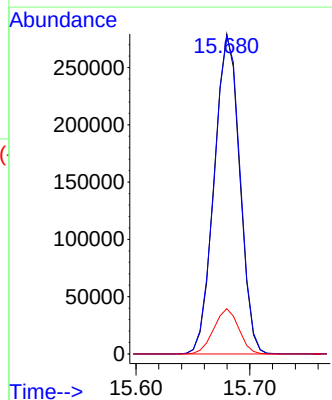
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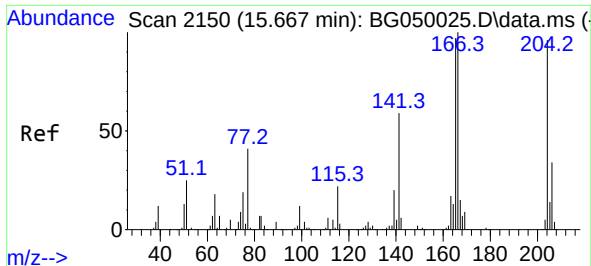


#61
Fluorene
Concen: 87.673 ng/ul
RT: 15.680 min Scan# 2152
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07



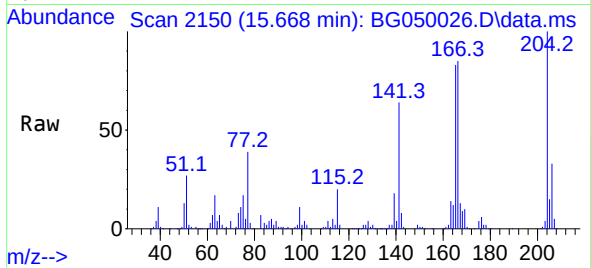
Tgt Ion:166 Resp: 433436
Ion Ratio Lower Upper
166 100
165 99.2 83.3 124.9
167 14.1 11.8 17.6





#62
4-Chlorophenyl-phenylether
Concen: 88.758 ng/ul
RT: 15.668 min Scan# 2150
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

Instrument :
BNA_G
ClientSampleId :
SP5662

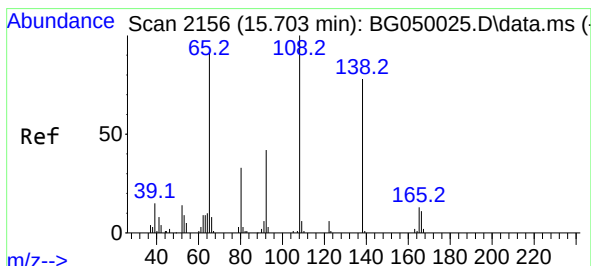
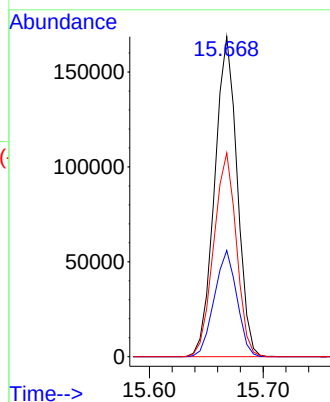


Tgt Ion:204 Resp: 232168
Ion Ratio Lower Upper
204 100
206 33.2 25.4 38.2
141 63.7 51.8 77.6

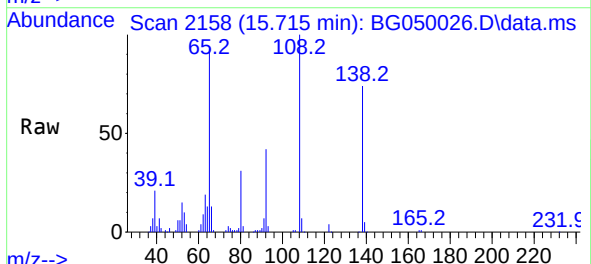
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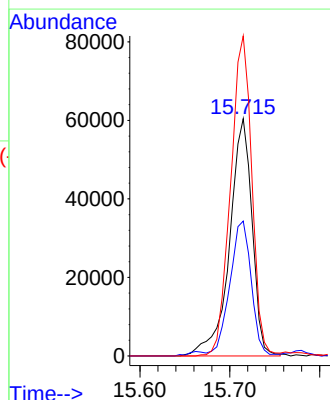
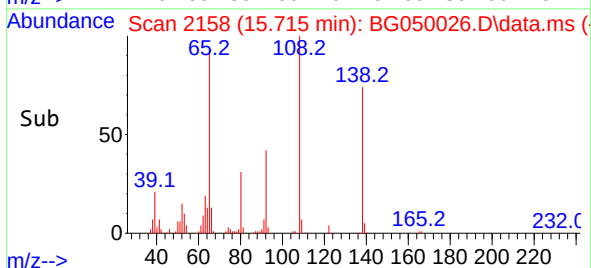
8/30/2021 10:33:43 AM

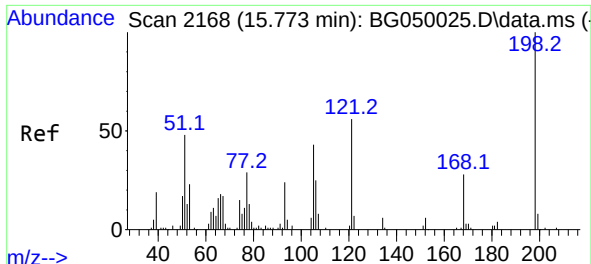


#63
4-Nitroaniline
Concen: 98.280 ng/ul
RT: 15.715 min Scan# 2158
Delta R.T. 0.001 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

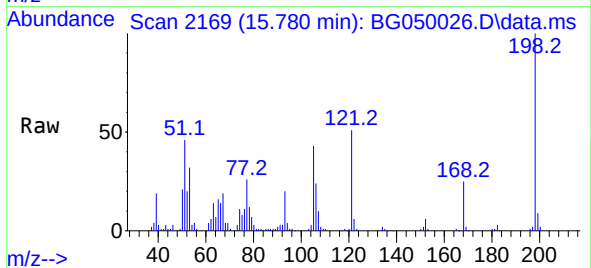


Tgt Ion:138 Resp: 105255
Ion Ratio Lower Upper
138 100
92 56.9 50.0 75.0
108 134.8 101.8 152.8

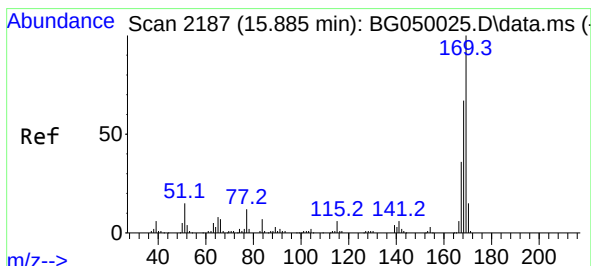
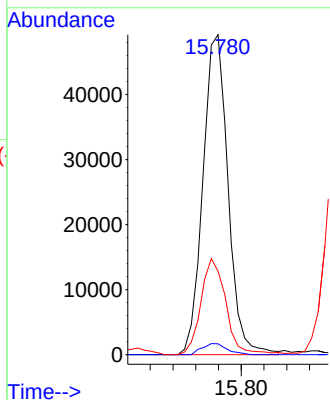
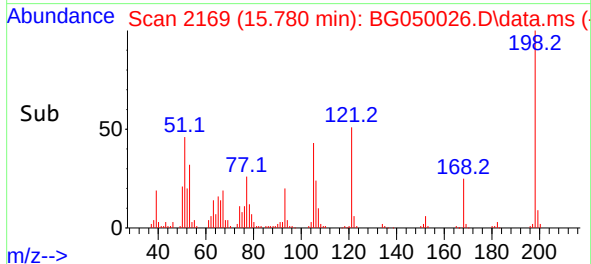




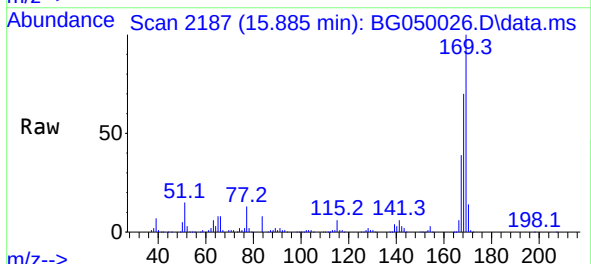
#66
4,6-Dinitro-2-methylphenol
Concen: 80.299 ng/ul
RT: 15.780 min Scan# 2169
Delta R.T. 0.001 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07



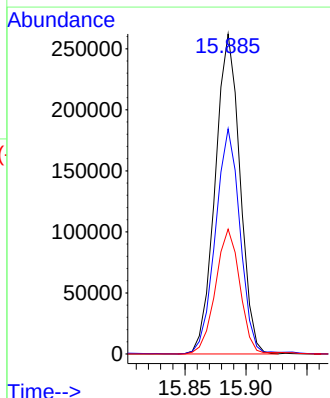
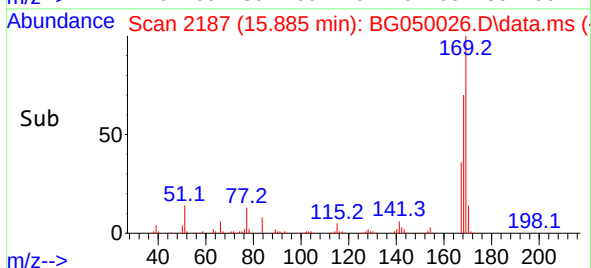
Tgt Ion:198 Resp: 75398
Ion Ratio Lower Upper
198 100
182 3.4 3.0 4.6
77 26.1 23.4 35.2



#67
N-Nitrosodiphenylamine
Concen: 87.358 ng/ul
RT: 15.885 min Scan# 2187
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07



Tgt Ion:169 Resp: 370335
Ion Ratio Lower Upper
169 100
168 70.3 55.0 82.6
167 39.0 29.0 43.4

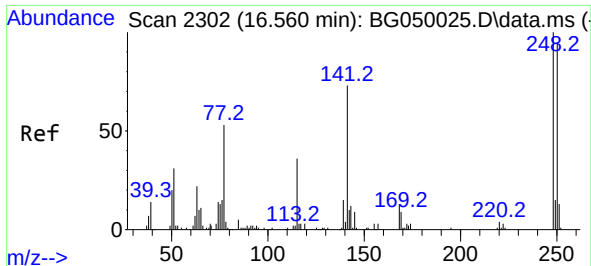


Instrument :
BNA_G
ClientSampled :
SP5662

Manual Integrations
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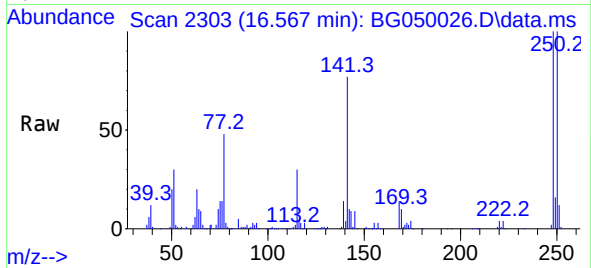
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#68
4-Bromophenyl-phenylether
Concen: 90.075 ng/ul
RT: 16.567 min Scan# 2303
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

Instrument :
BNA_G
ClientSampled :
SP5662

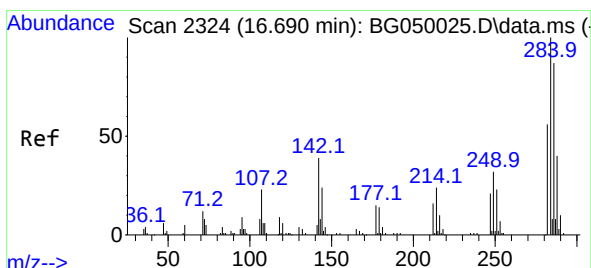
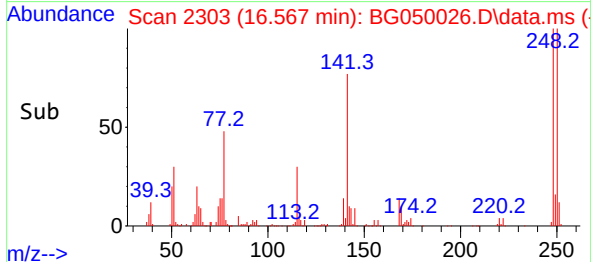
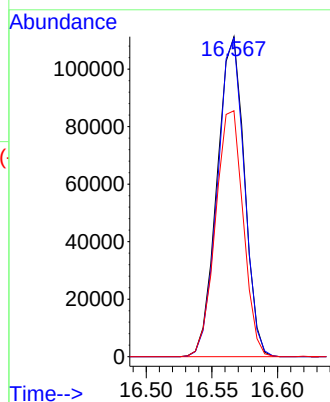


Tgt Ion:248 Resp: 160447
Ion Ratio Lower Upper
248 100
250 99.6 80.2 120.2
141 76.8 60.6 90.8

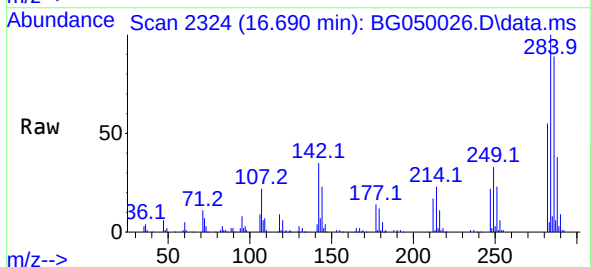
Manual Integrations
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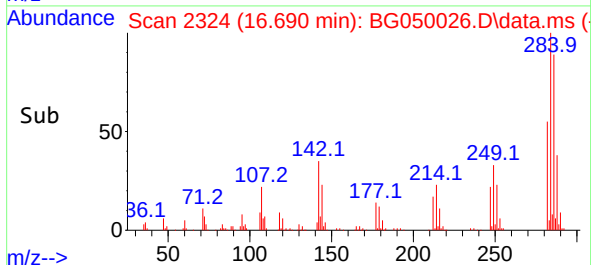
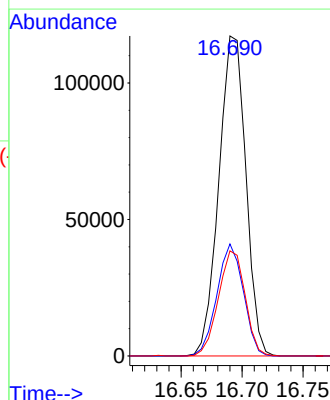
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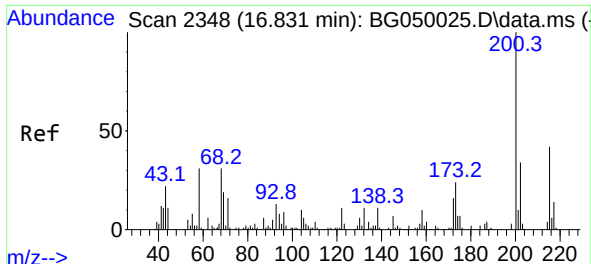


#69
Hexachlorobenzene
Concen: 87.900 ng/ul
RT: 16.690 min Scan# 2324
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07



Tgt Ion:284 Resp: 180800
Ion Ratio Lower Upper
284 100
142 35.0 28.7 43.1
249 32.8 25.5 38.3





#70
Atrazine
Concen: 87.201 ng/ul
RT: 16.837 min Scan# 2349
Delta R.T. -0.005 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

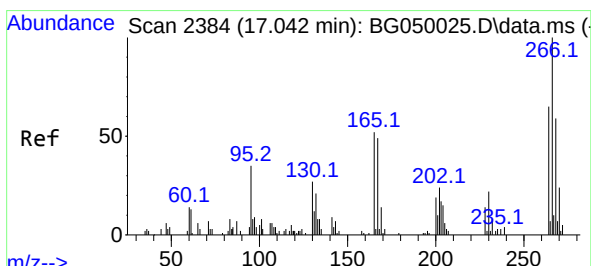
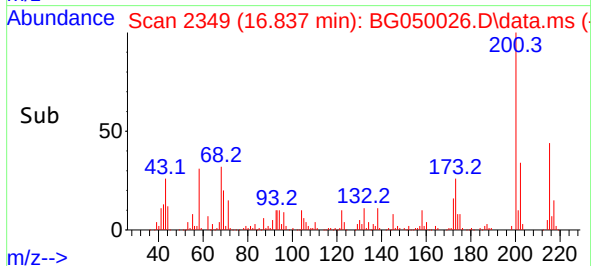
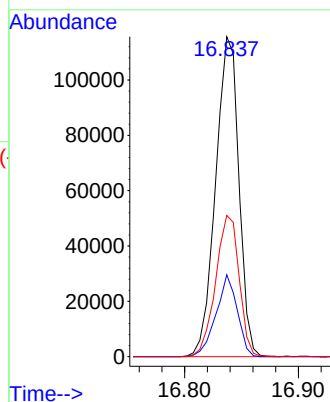
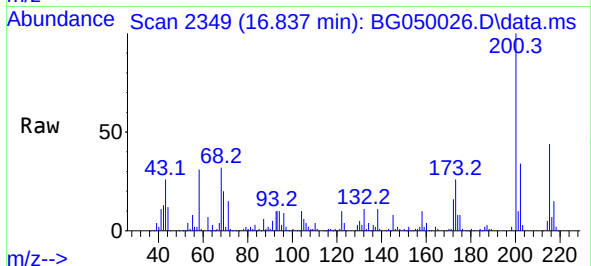
Tgt Ion:200 Resp: 164229
Ion Ratio Lower Upper
200 100
173 25.6 19.3 28.9
215 44.2 34.9 52.3

Instrument :
BNA_G
ClientSampleId :
SP5662

Manual Integrations
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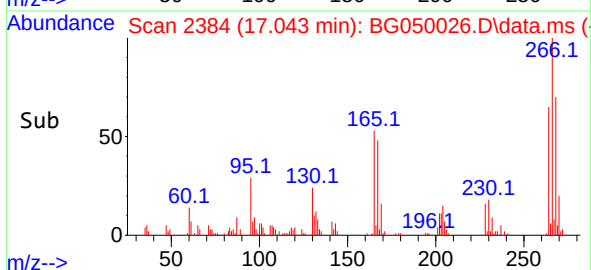
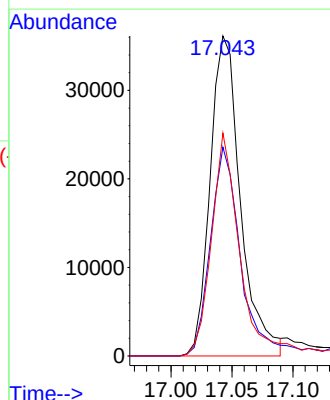
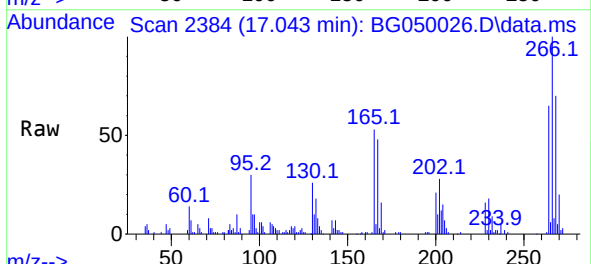
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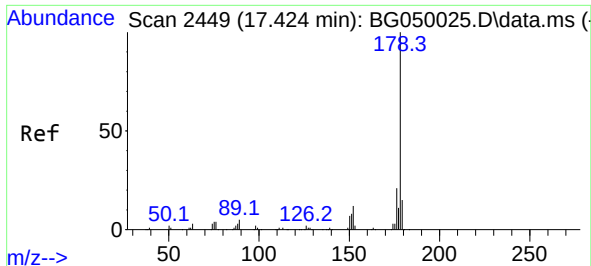
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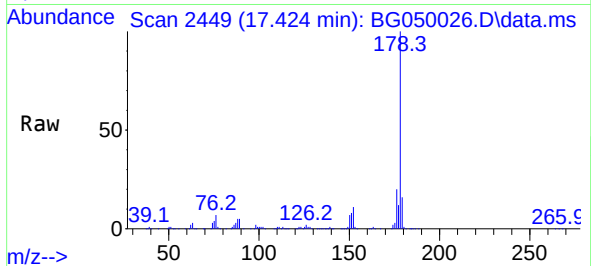
#71
Pentachlorophenol
Concen: 71.918 ng/ul
RT: 17.043 min Scan# 2384
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

Tgt Ion:266 Resp: 62639
Ion Ratio Lower Upper
266 100
264 65.2 54.1 81.1
268 69.7 52.6 78.8

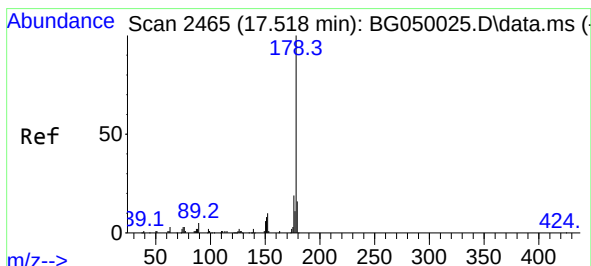
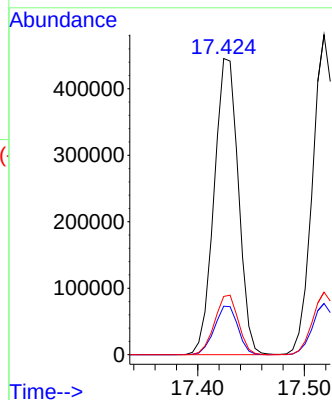
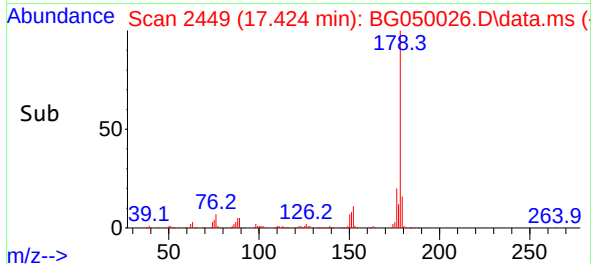




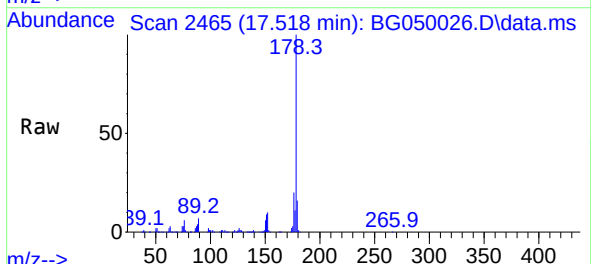
#72
Phenanthrene
Concen: 87.541 ng/ul
RT: 17.424 min Scan# 2449
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07



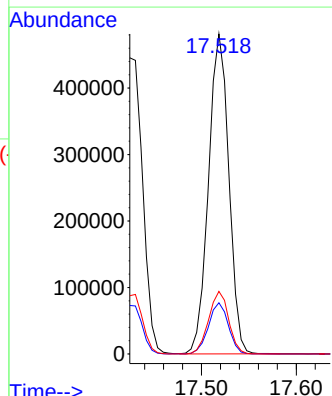
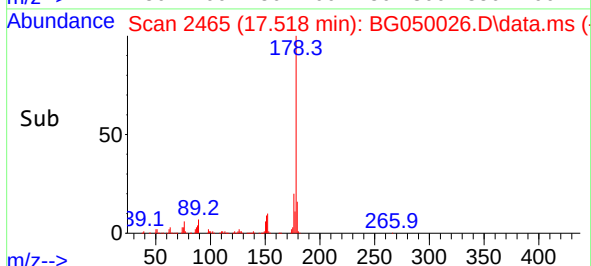
Tgt Ion:178 Resp: 702722
Ion Ratio Lower Upper
178 100
179 16.4 11.7 17.5
176 19.7 16.2 24.2



#74
Anthracene
Concen: 87.956 ng/ul
RT: 17.518 min Scan# 2465
Delta R.T. -0.005 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07



Tgt Ion:178 Resp: 715492
Ion Ratio Lower Upper
178 100
179 16.0 11.4 17.0
176 19.6 12.8 19.2#

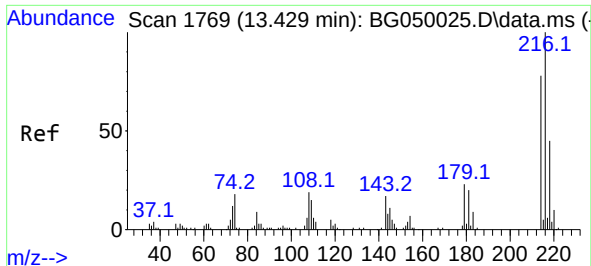


Instrument :
BNA_G
ClientSampled :
SP5662

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#75
1,2,3,4-Tetrachlorobenzene
Concen: 96.732 ng/uL
RT: 13.430 min Scan# 1769
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

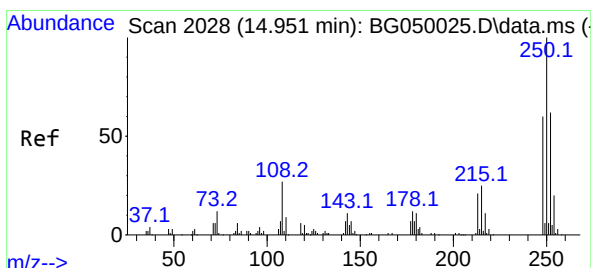
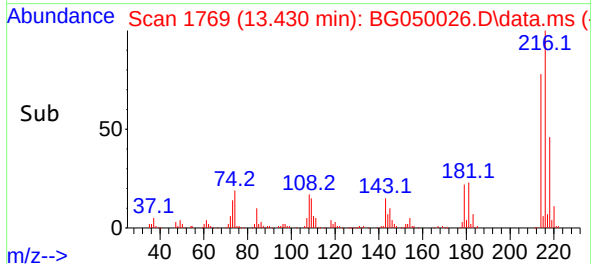
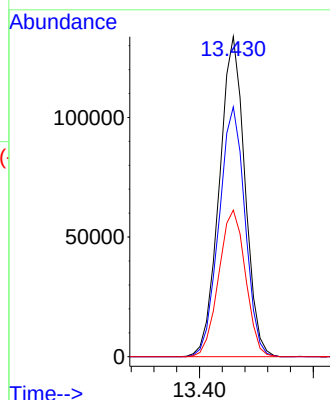
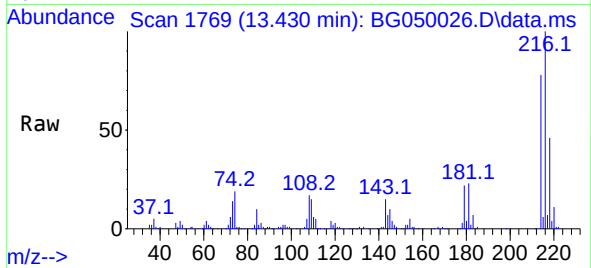
Instrument :
BNA_G
ClientSampled :
SP5662

Tgt Ion:216 Resp: 208975
Ion Ratio Lower Upper
216 100
214 78.1 70.9 106.3
218 45.8 40.9 61.3

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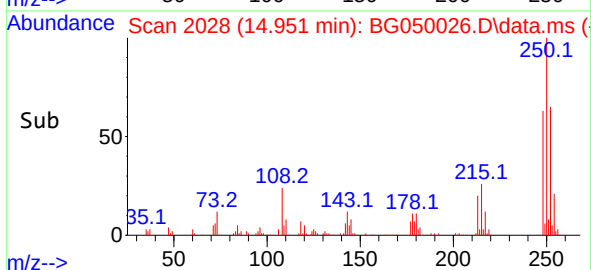
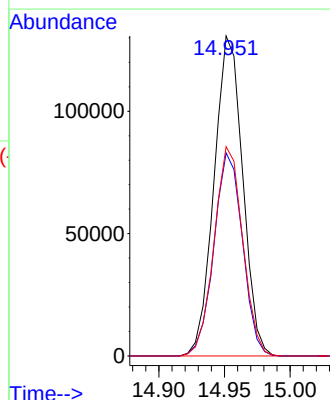
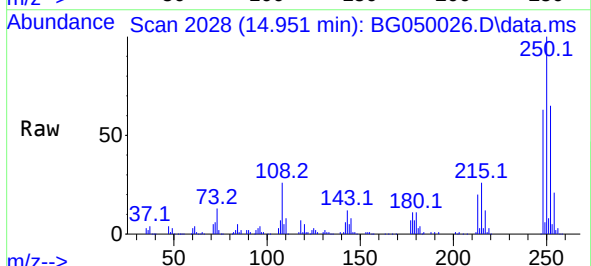
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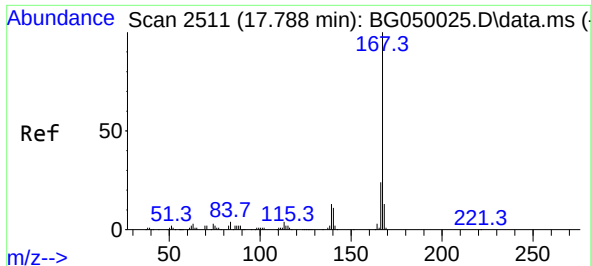
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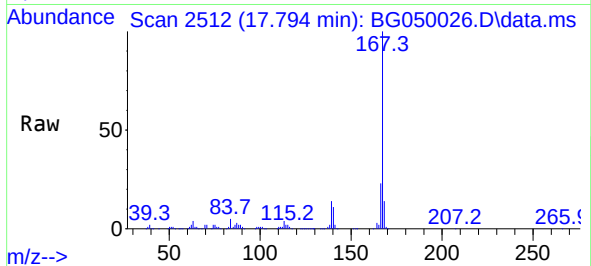
#76
Pentachlorobenzene
Concen: 86.668 ng/uL
RT: 14.951 min Scan# 2028
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

Tgt Ion:250 Resp: 198393
Ion Ratio Lower Upper
250 100
248 63.4 51.5 77.3
252 65.4 47.9 71.9

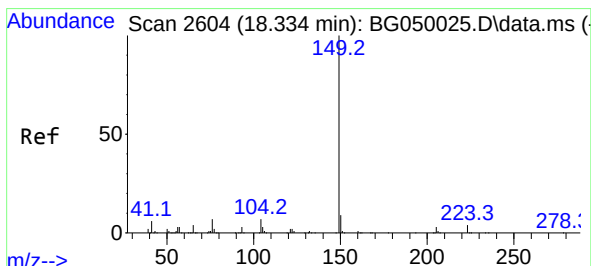
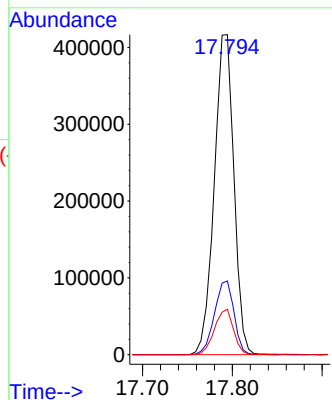
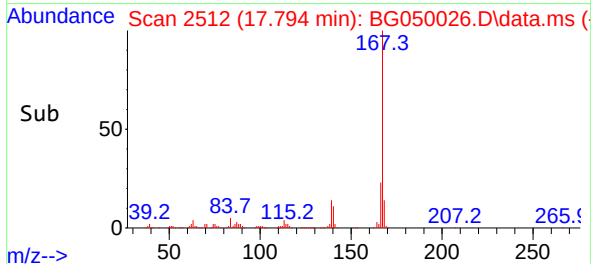




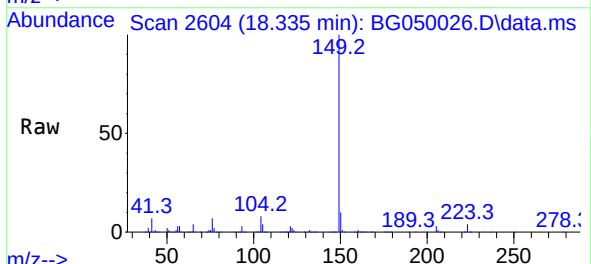
#77
Carbazole
Concen: 87.480 ng/ul
RT: 17.794 min Scan# 2512
Delta R.T. -0.005 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07



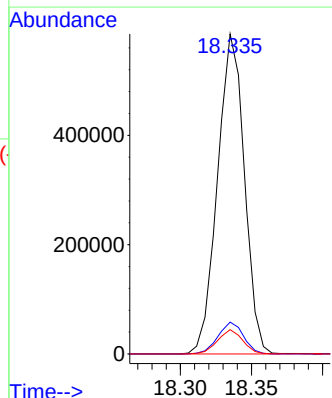
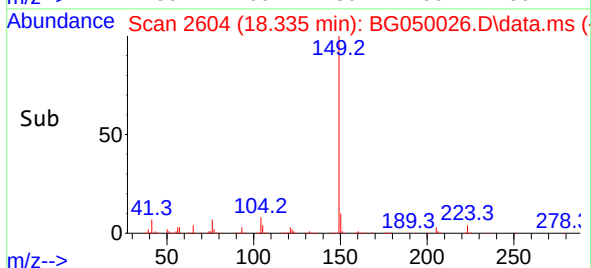
Tgt Ion:167 Resp: 633223
Ion Ratio Lower Upper
167 100
166 23.0 17.8 26.8
139 14.2 11.1 16.7



#78
Di-n-butylphthalate
Concen: 83.030 ng/ul
RT: 18.335 min Scan# 2604
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07



Tgt Ion:149 Resp: 768660
Ion Ratio Lower Upper
149 100
150 10.0 8.1 12.1
104 7.6 5.3 7.9

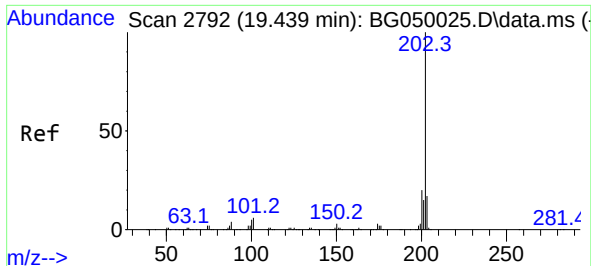


Instrument :
BNA_G
ClientSampleId :
SP5662

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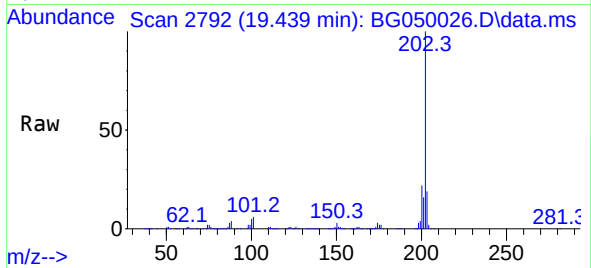
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#80
Fluoranthene
Concen: 83.848 ng/ul
RT: 19.439 min Scan# 2792
Delta R.T. -0.005 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

Instrument :
BNA_G
ClientSampleId :
SP5662

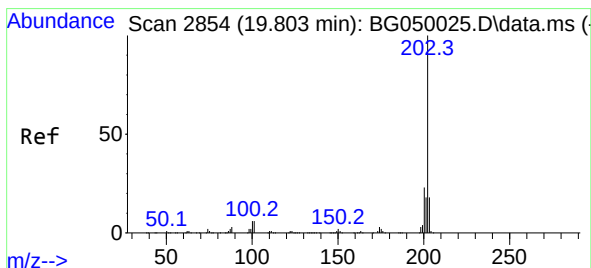
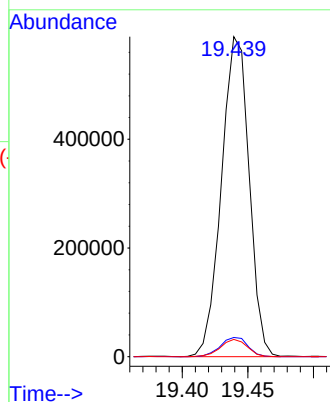


Tgt Ion:202 Resp: 863501
Ion Ratio Lower Upper
202 100
101 6.0 4.3 6.5
100 5.4 3.5 5.3#

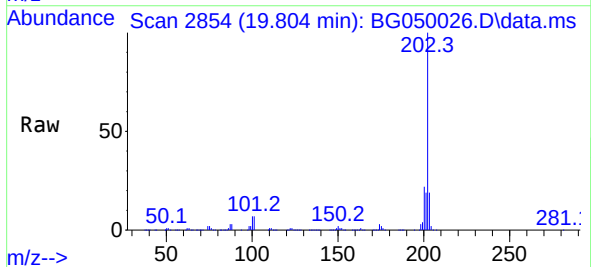
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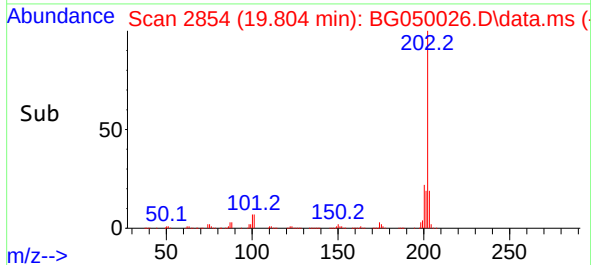
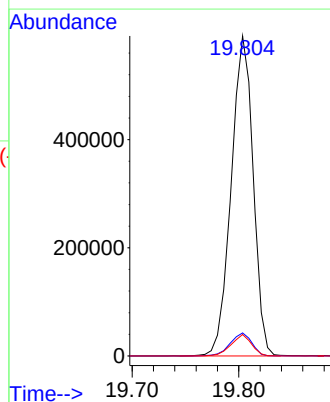
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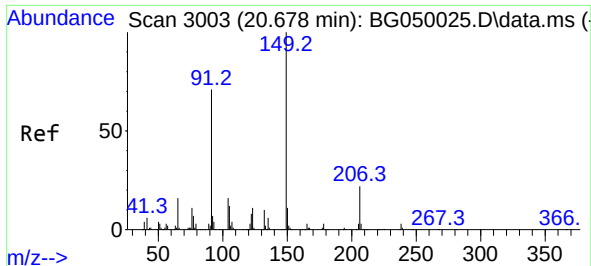


#82
Pyrene
Concen: 83.083 ng/ul
RT: 19.804 min Scan# 2854
Delta R.T. -0.005 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

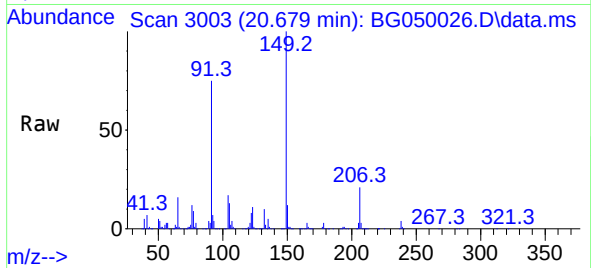


Tgt Ion:202 Resp: 847857
Ion Ratio Lower Upper
202 100
101 7.2 5.4 8.0
100 6.7 5.0 7.6

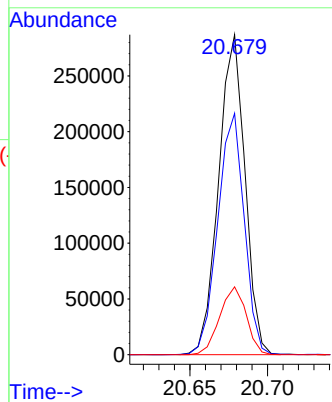
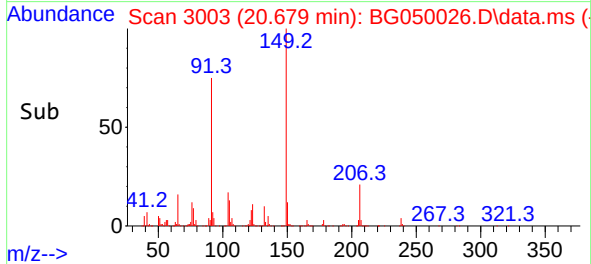




#83
Butylbenzylphthalate
Concen: 84.197 ng/ul
RT: 20.679 min Scan# 3003
Delta R.T. -0.005 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07



Tgt Ion:149 Resp: 339073
Ion Ratio Lower Upper
149 100
91 75.4 60.6 90.8
206 21.2 16.8 25.2

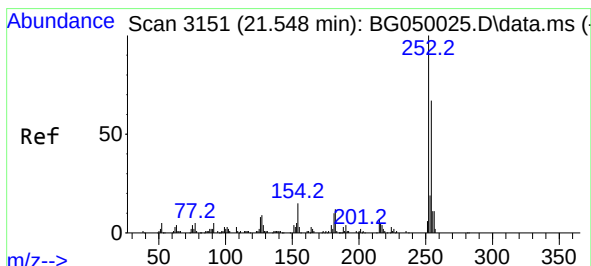


Instrument :
BNA_G
ClientSampleId :
SP5662

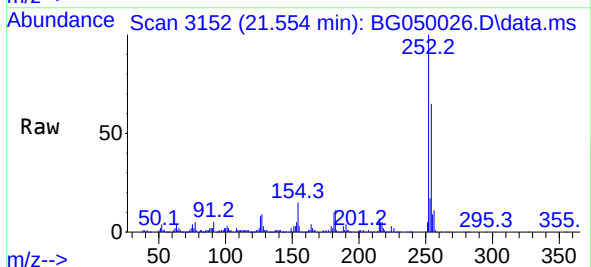
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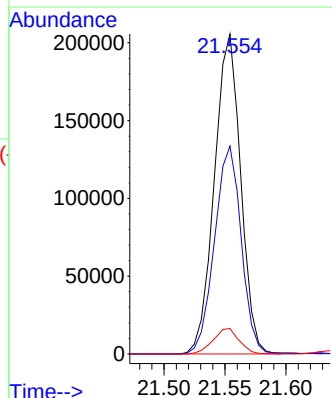
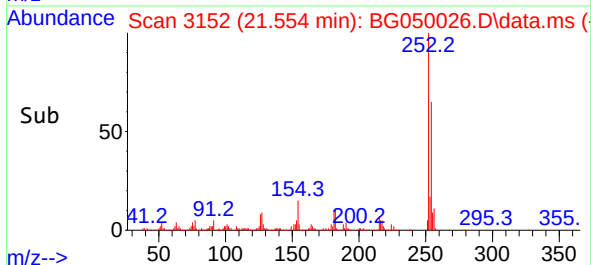
8/30/2021 10:33:43 AM

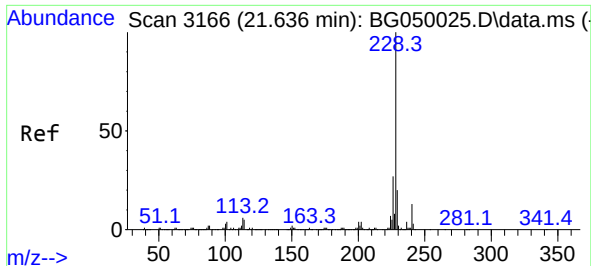


#84
3,3'-Dichlorobenzidine
Concen: 84.254 ng/ul
RT: 21.554 min Scan# 3152
Delta R.T. -0.005 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07



Tgt Ion:252 Resp: 308444
Ion Ratio Lower Upper
252 100
254 65.0 54.2 81.2
126 7.9 5.4 8.0





#85
Benzo(a)anthracene
Concen: 83.005 ng/ul
RT: 21.642 min Scan# 3167
Delta R.T. -0.005 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

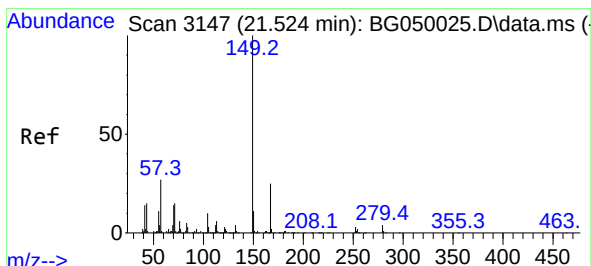
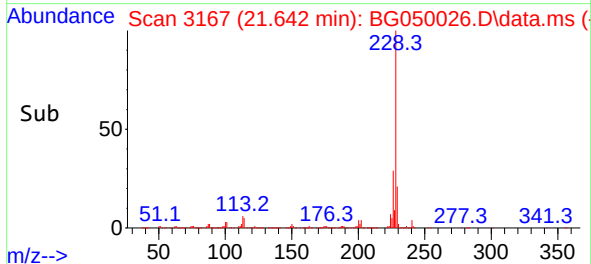
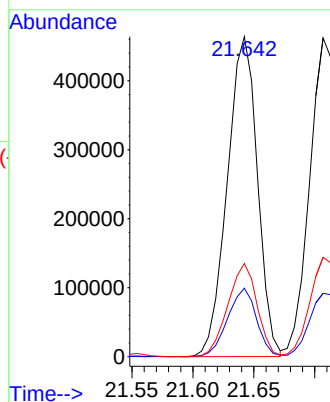
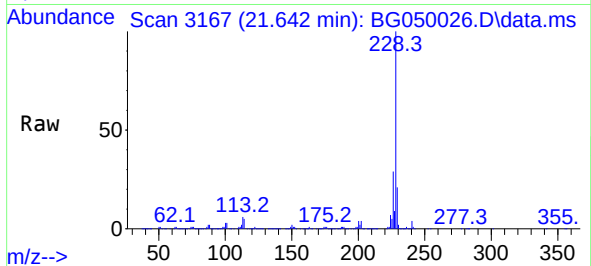
Tgt Ion:228 Resp: 798754
Ion Ratio Lower Upper
228 100
229 21.4 16.2 24.4
226 29.1 21.0 31.4

Instrument :
BNA_G
ClientSampled :
SP5662

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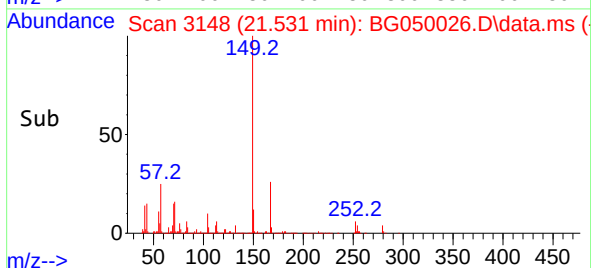
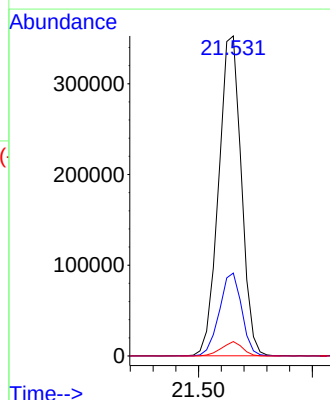
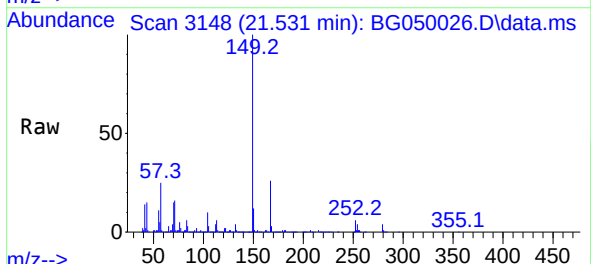
mohammad

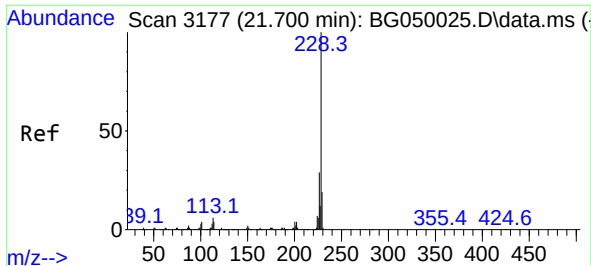
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#86
Bis(2-ethylhexyl)phthalate
Concen: 88.235 ng/ul
RT: 21.531 min Scan# 3148
Delta R.T. -0.005 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

Tgt Ion:149 Resp: 487990
Ion Ratio Lower Upper
149 100
167 25.9 20.4 30.6
279 4.5 3.7 5.5





#87
Chrysene
Concen: 84.096 ng/ul
RT: 21.707 min Scan# 3178
Delta R.T. -0.005 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

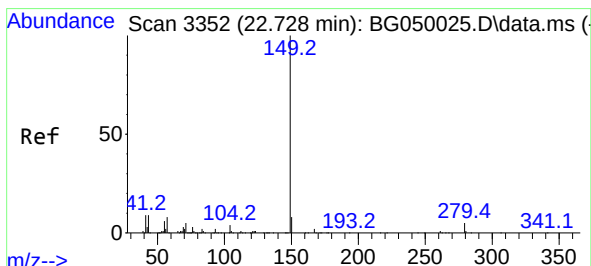
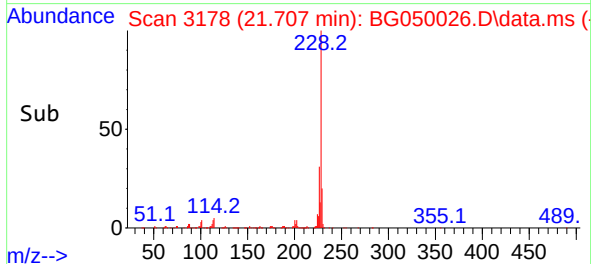
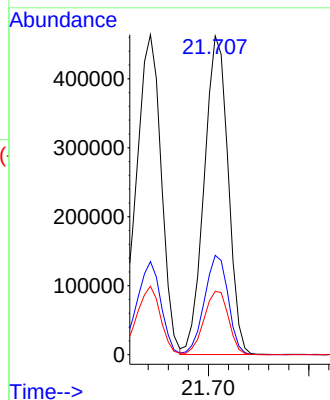
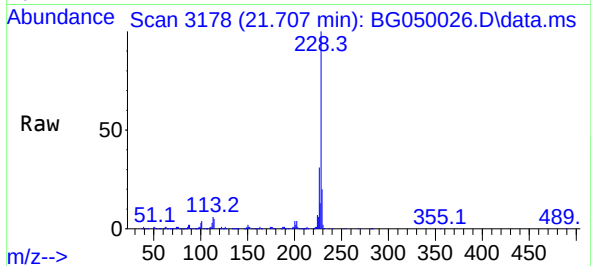
Tgt Ion:228 Resp: 764978
Ion Ratio Lower Upper
228 100
226 31.2 23.0 34.4
229 19.9 17.8 26.6

Instrument :
BNA_G
ClientSampleId :
SP5662

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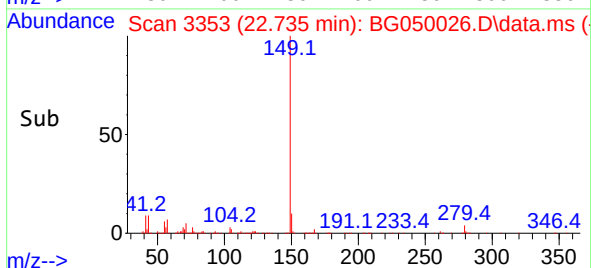
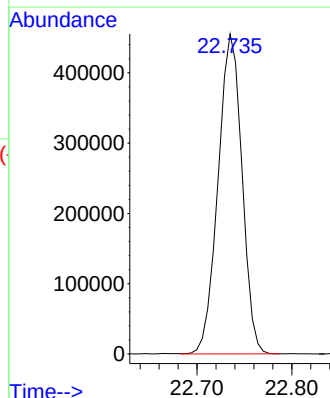
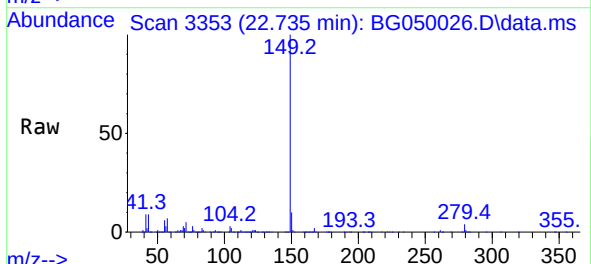
mohammad

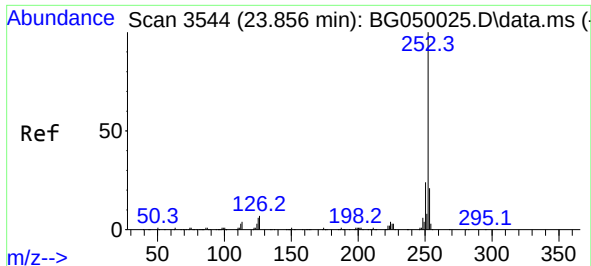
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#89
Di-n-octyl phthalate
Concen: 83.519 ng/ul
RT: 22.735 min Scan# 3353
Delta R.T. -0.011 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

Tgt Ion:149 Resp: 798350





#90
Benzo(b)fluoranthene
Concen: 82.057 ng/u1
RT: 23.869 min Scan# 3546
Delta R.T. 0.007 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

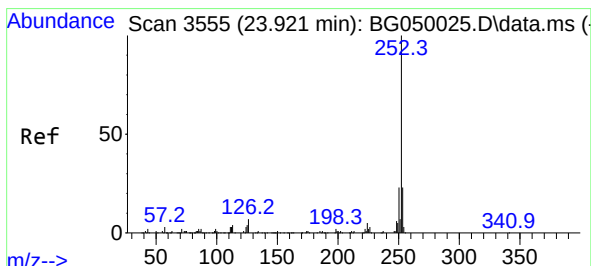
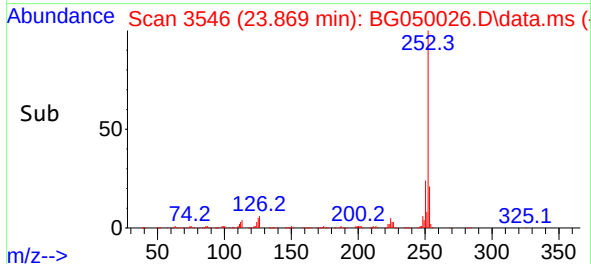
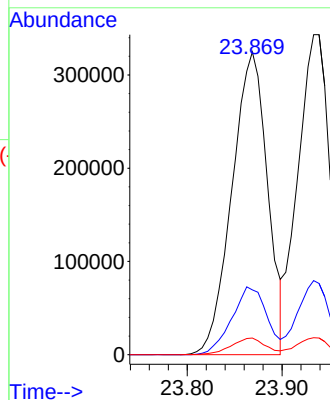
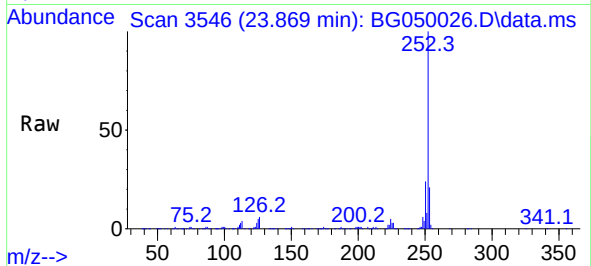
Tgt Ion:252 Resp: 845766
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 5.5 3.4 5.0#

Instrument :
BNA_G
ClientSampled :
SP5662

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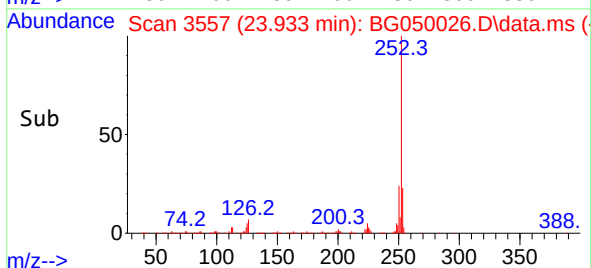
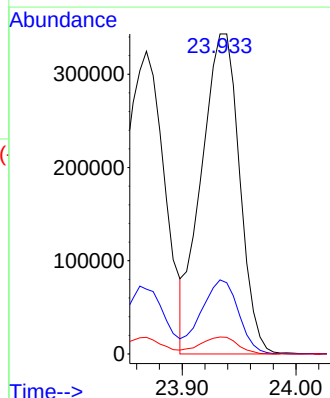
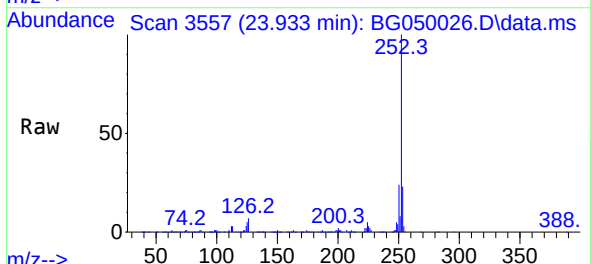
mohammad

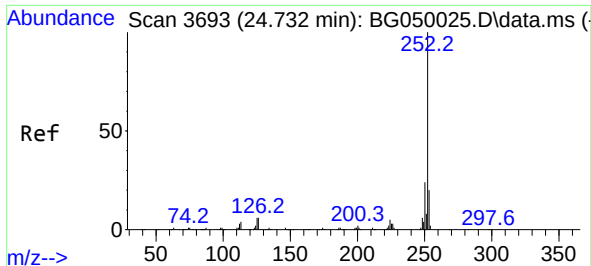
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#91
Benzo(k)fluoranthene
Concen: 82.165 ng/u1
RT: 23.933 min Scan# 3557
Delta R.T. 0.001 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

Tgt Ion:252 Resp: 804999
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 5.3 4.1 6.1





#93
Benzo(a)pyrene
Concen: 84.880 ng/ul
RT: 24.744 min Scan# 3695
Delta R.T. 0.001 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

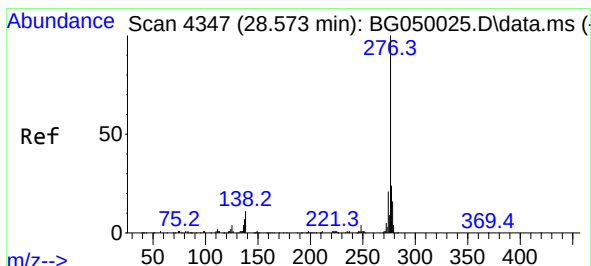
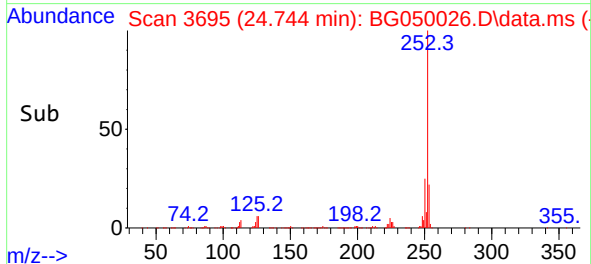
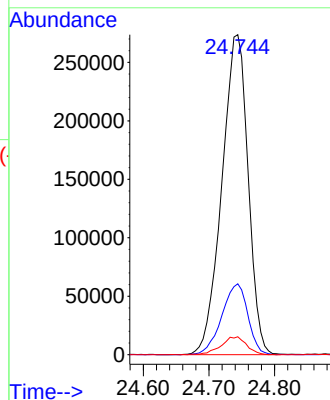
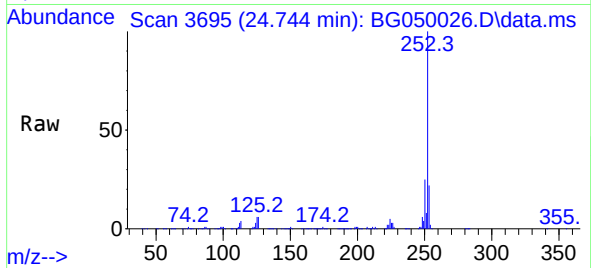
Tgt Ion:	252	Resp:	759782
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.0	25.4
125	5.6	4.4	6.6

Instrument :
BNA_G
ClientSampled :
SP5662

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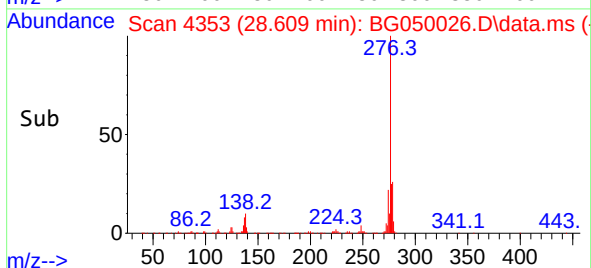
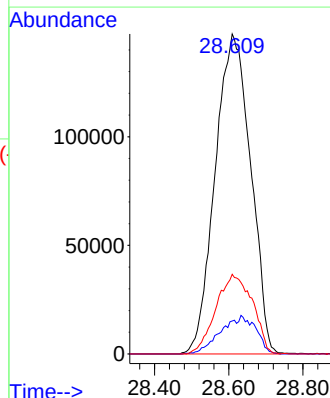
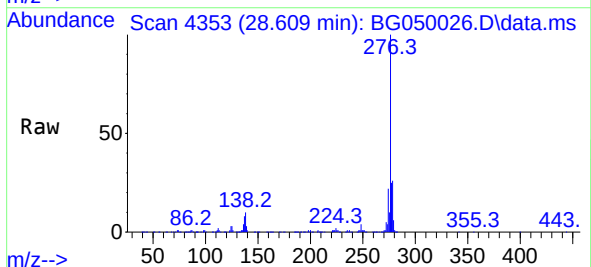
mohammad

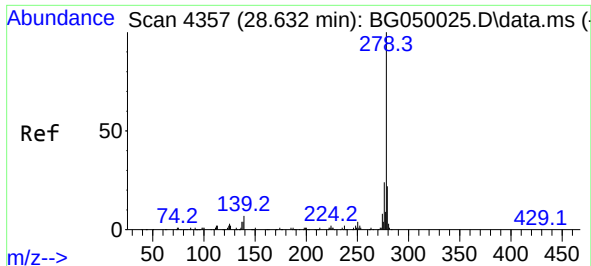
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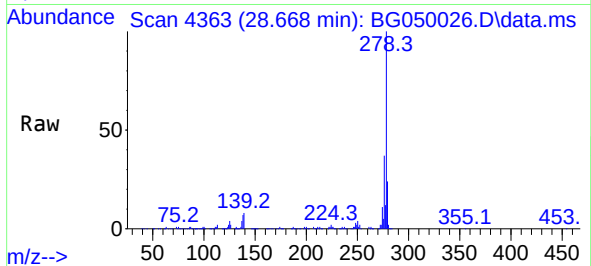
#94
Indeno(1,2,3-cd)pyrene
Concen: 82.818 ng/ul
RT: 28.609 min Scan# 4353
Delta R.T. 0.019 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07

Tgt Ion:	276	Resp:	977887
Ion Ratio	Lower	Upper	
276	100		
138	10.3	5.5	8.3#
277	24.9	18.6	27.8

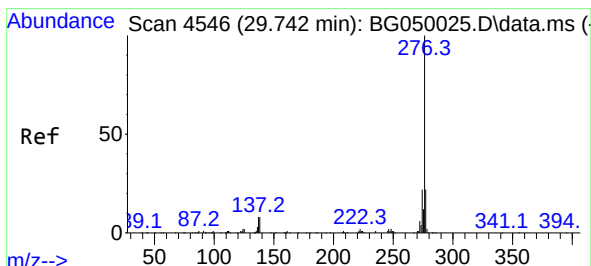
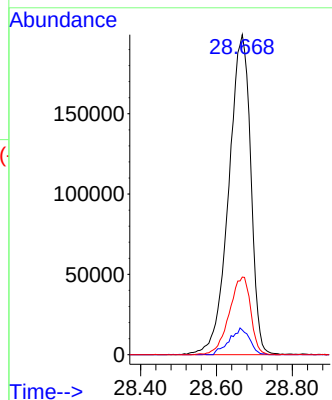
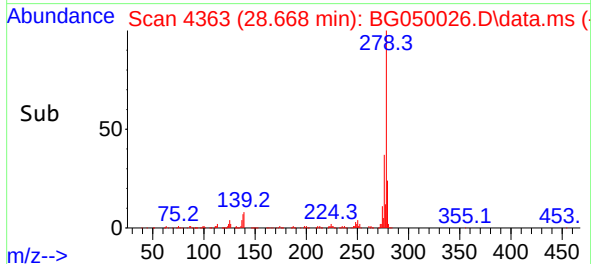




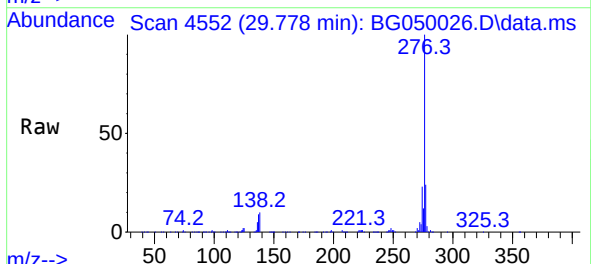
#95
Dibenzo(a,h)anthracene
Concen: 81.100 ng/ul
RT: 28.668 min Scan# 4363
Delta R.T. 0.024 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07



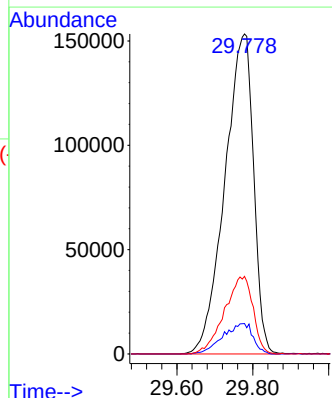
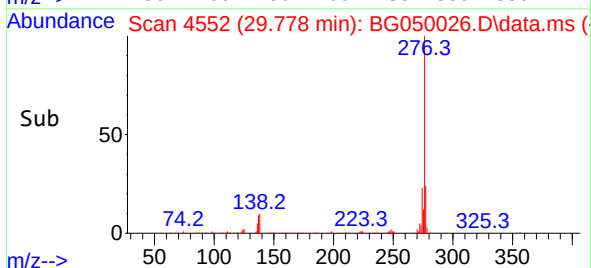
Tgt Ion:278 Resp: 801646
Ion Ratio Lower Upper
278 100
139 7.7 5.2 7.8
279 24.2 19.0 28.4



#96
Benzo(g,h,i)perylene
Concen: 81.054 ng/ul
RT: 29.778 min Scan# 4552
Delta R.T. 0.042 min
Lab File: BG050026.D
Acq: 28 Aug 2021 12:07



Tgt Ion:276 Resp: 804623
Ion Ratio Lower Upper
276 100
138 9.5 8.6 13.0
277 24.3 17.4 26.0



Instrument :
BNA_G
ClientSampleId :
SP5662

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