

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
 Data File : BG050225.D
 Acq On : 9 Sep 2021 9:52
 Operator : CG/JU
 Sample : M3608-20MS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBKL5MS

Manual Integrations
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9/10/2021 3:21:35 PM

Quant Time: Sep 09 11:13:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 07 18:32:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	46833	20.000	ng/ul	0.00
20) Naphthalene-d8	10.778	136	217897	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.614	164	103485	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	221163	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	236789	20.000	ng/ul	0.00
88) Perylene-d12	24.853	264	253159	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	3711	3.917	ng/uL	0.00
4) Pyridine-d5	3.740	84	49795	14.808	ng/ul	0.00
7) Phenol-d5	7.118	99	41744	11.480	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.271	67	69137	32.556	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.476	132	79591	26.373	ng/ul	-0.01
15) 4-Methylphenol-d8	8.675	113	56382	19.721	ng/ul	0.00
21) Nitrobenzene-d5	9.121	128	45578	30.474	ng/ul	0.00
24) 2-Nitrophenol-d4	9.850	143	49320	27.119	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.408	165	94904	27.342	ng/ul	0.00
31) 4-Chloroaniline-d4	10.913	131	115321	26.967	ng/ul	0.00
46) Dimethylphthalate-d6	14.026	166	299074	38.274	ng/ul	0.00
49) Acenaphthylene-d8	14.308	160	353393	37.982	ng/ul	0.00
54) 4-Nitrophenol-d4	14.855	143	14708	15.600	ng/ul	0.00
60) Fluorene-d10	15.612	176	259186	39.948	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.759	200	120475	90.305	ng/ul	0.00
73) Anthracene-d10	17.475	188	391675	39.450	ng/ul	0.00
81) Pyrene-d10	19.760	212	473950	40.184	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.641	264	520615	38.848	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.347	88	9072	8.410	ng/uL#	87
5) Pyridine	3.752	79	56334	15.939	ng/ul#	93
6) Benzaldehyde	7.083	77	94185	46.725	ng/ul#	81
8) Phenol	7.147	94	46454	12.973	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.365	93	91745	34.557	ng/ul	95
12) 2-Chlorophenol	7.512	128	79020	26.871	ng/ul#	89
13) 2-Methylphenol	8.404	108	74346	25.796	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	82034	30.617	ng/ul#	90
16) Acetophenone	8.780	105	154454m	36.718	ng/ul	
17) N-Nitroso-di-n-propyla...	8.763	70	76281	34.007	ng/ul	97
18) 4-Methylphenol	8.739	108	70195	25.643	ng/ul	83
19) Hexachloroethane	9.027	117	47471	38.701	ng/ul	96
22) Nitrobenzene	9.168	77	123037	31.588	ng/ul	99
23) Isophorone	9.697	82	223577	30.059	ng/ul	95
25) 2-Nitrophenol	9.885	139	49673	27.687	ng/ul	88
26) 2,4-Dimethylphenol	9.949	107	126607	29.655	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.179	93	143614	31.831	ng/ul	93
29) 2,4-Dichlorophenol	10.437	162	94382	29.729	ng/ul	98
30) Naphthalene	10.866	128	8389905	838.367	ng/ul#	40
32) 4-Chloroaniline	10.936	127	114679	28.469	ng/ul	91
33) Hexachlorobutadiene	11.101	225	76611	30.444	ng/ul	96
34) Caprolactam	11.953	113	8200	8.490	ng/ul#	83
35) 4-Chloro-3-methylphenol	12.070	107	111548	31.174	ng/ul	98
36) 2-Methylnaphthalene	12.434	142	385937	52.151	ng/ul	98

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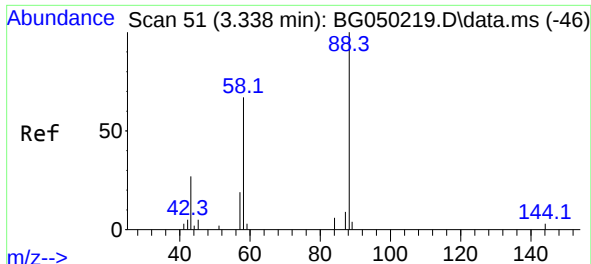
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	1331394	187.363	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	128401	36.685	ng/ul#	94
40) Hexachlorocyclopentadiene	12.775	237	4564	4.809	ng/ul	92
41) 2,4,6-Trichlorophenol	13.051	196	78521	39.734	ng/ul	91
42) 2,4,5-Trichlorophenol	13.127	196	112627	54.499	ng/ul	93
43) 1,1'-Biphenyl	13.445	154	651418	87.195	ng/ul	98
44) 2-Chloronaphthalene	13.486	162	219780	37.408	ng/ul	99
45) 2-Nitroaniline	13.703	65	75319	40.494	ng/ul	98
47) Dimethylphthalate	14.073	163	296006	39.689	ng/ul	99
48) 2,6-Dinitrotoluene	14.197	165	64890	40.863	ng/ul	93
50) Acenaphthylene	14.338	152	392231	45.107	ng/ul	95
51) 3-Nitroaniline	14.537	138	57563	39.816	ng/ul	98
52) Acenaphthene	14.690	153	1498800	241.899	ng/ul	96
53) 2,4-Dinitrophenol	14.761	184	28457	43.756	ng/ul#	1
55) 4-Nitrophenol	14.866	109	17199m	16.392	ng/ul	
56) Dibenzofuran	15.019	168	1229636	144.247	ng/ul	96
57) 2,4-Dinitrotoluene	14.996	165	94415	41.606	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.254	232	327661	209.334	ng/ul#	95
59) Diethylphthalate	15.430	149	306761	40.694	ng/ul	97
61) Fluorene	15.671	166	892838	124.926	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.653	204	148769	39.094	ng/ul	98
63) 4-Nitroaniline	15.700	138	70521m	52.375	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.765	198	245859	207.504	ng/ul#	63
67) N-Nitrosodiphenylamine	15.871	169	246558	41.229	ng/ul	95
68) 4-Bromophenyl-phenylether	16.546	248	106052	40.465	ng/ul#	89
69) Hexachlorobenzene	16.676	284	120828	40.663	ng/ul	93
70) Atrazine	16.846	200	98997	39.481	ng/ul	98
71) Pentachlorophenol	17.052	266	1818873	2234.636	ng/ul	98
72) Phenanthrene	17.422	178	1170478	103.767	ng/ul	97
74) Anthracene	17.510	178	514382	44.973	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.409	216	134982	39.383	ng/uL	92
76) Pentachlorobenzene	14.937	250	135661	38.334	ng/uL	98
77) Carbazole	17.798	167	2864223	284.048	ng/ul#	88
78) Di-n-butylphthalate	18.320	149	485357	39.802	ng/ul	100
80) Fluoranthene	19.425	202	598900	40.855	ng/ul#	98
82) Pyrene	19.789	202	578387	40.227	ng/ul	98
83) Butylbenzylphthalate	20.664	149	233373	42.440	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.534	252	133927	26.222	ng/ul#	99
85) Benzo(a)anthracene	21.622	228	583092	40.223	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.504	149	338675	41.240	ng/ul	98
87) Chrysene	21.686	228	555589	41.114	ng/ul	95
89) Di-n-octyl phthalate	22.709	149	570373	38.929	ng/ul	100
90) Benzo(b)fluoranthene	23.837	252	706449	44.590	ng/ul#	98
91) Benzo(k)fluoranthene	23.901	252	599424	39.635	ng/ul	99
93) Benzo(a)pyrene	24.706	252	553651	39.973	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.554	276	731567	40.309	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.601	278	605339	40.207	ng/ul	98
96) Benzo(g,h,i)perylene	29.705	276	582198	40.038	ng/ul	95

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



#2
1,4-Dioxane
Concen: 8.410 ng/uL
RT: 3.347 min Scan# 52
Delta R.T. 0.002 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

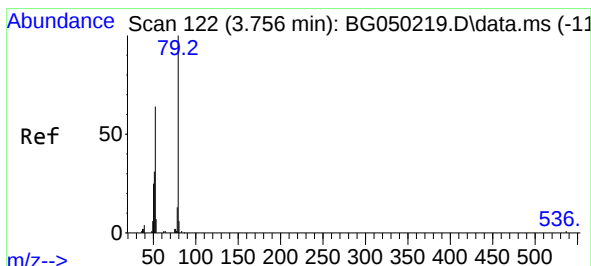
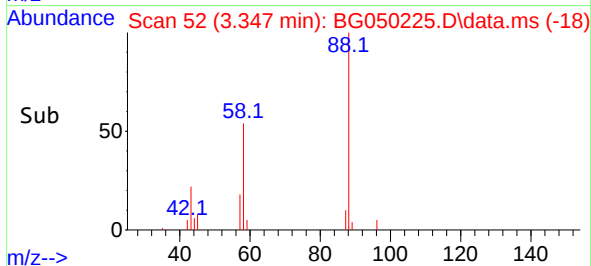
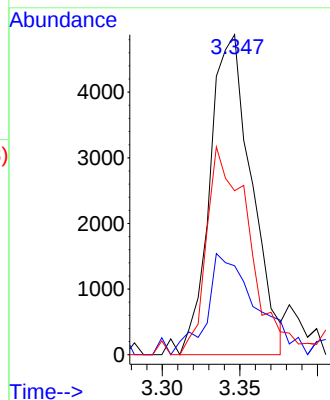
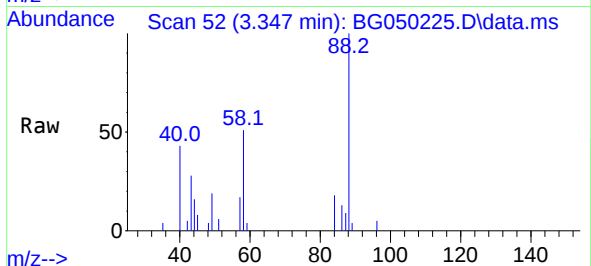
Tgt Ion: 88 Resp: 9072
Ion Ratio Lower Upper
88 100
43 27.8 21.6 32.4
58 51.2 52.0 78.0#

Instrument :
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Manual Integrations
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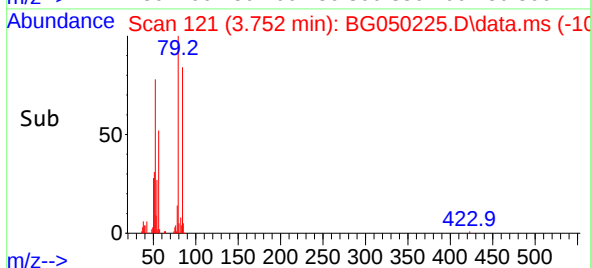
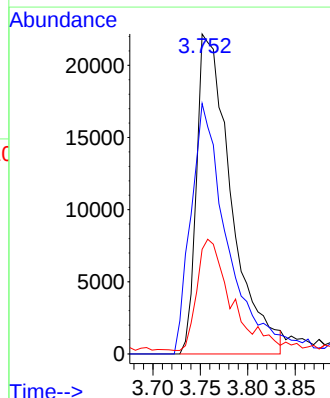
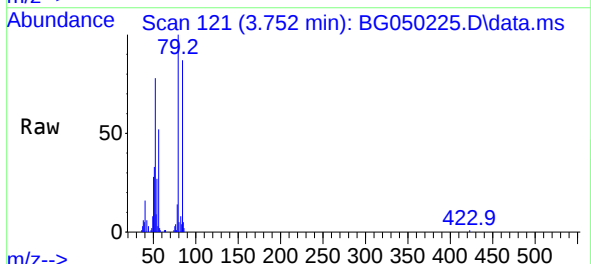
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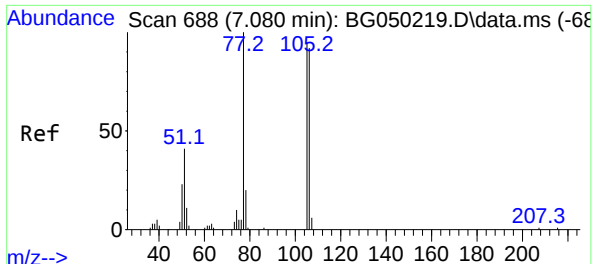
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#5
Pyridine
Concen: 15.939 ng/uL
RT: 3.752 min Scan# 121
Delta R.T. -0.010 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

Tgt Ion: 79 Resp: 56334
Ion Ratio Lower Upper
79 100
52 78.2 61.1 91.7
51 32.7 34.8 52.2#





#6
Benzaldehyde
Concen: 46.725 ng/ul
RT: 7.083 min Scan# 688
Delta R.T. -0.004 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

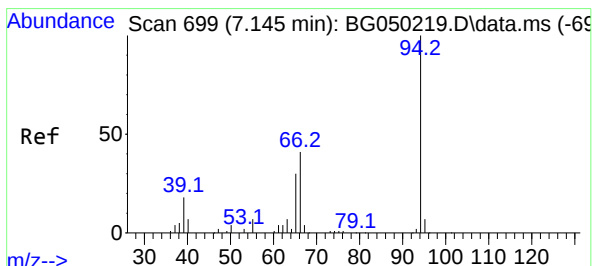
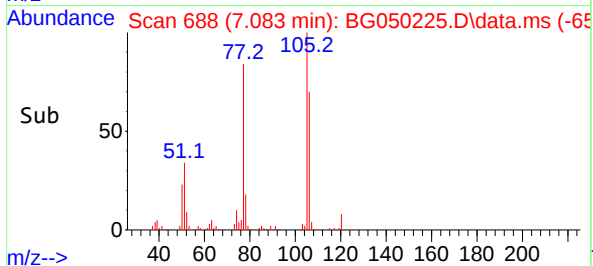
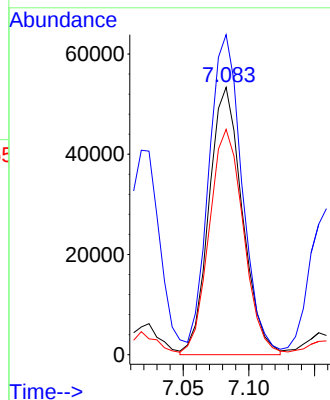
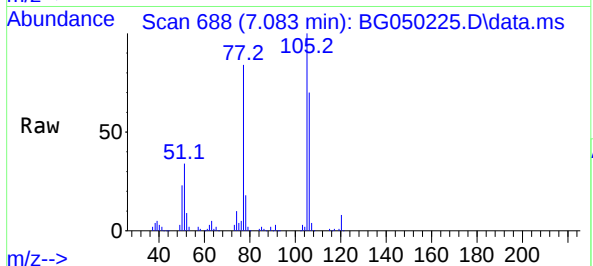
Tgt Ion: 77 Resp: 94185
Ion Ratio Lower Upper
77 100
105 119.7 72.3 108.5#
106 84.3 72.3 108.5

Instrument :
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ClientSampleId :
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Manual Integrations
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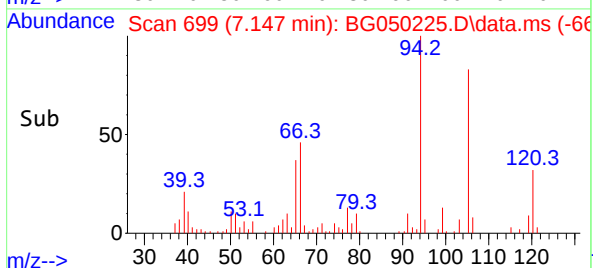
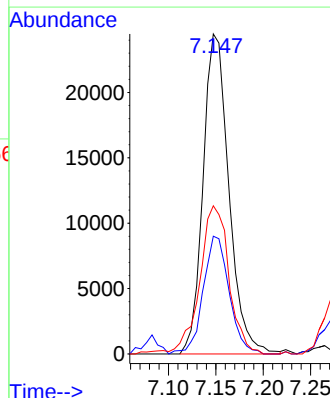
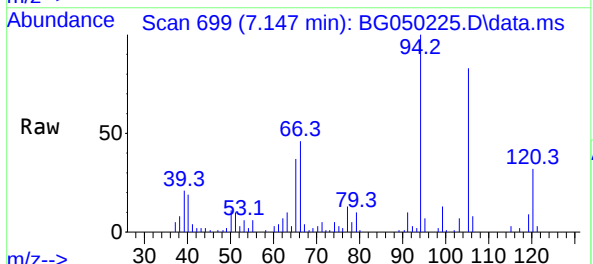
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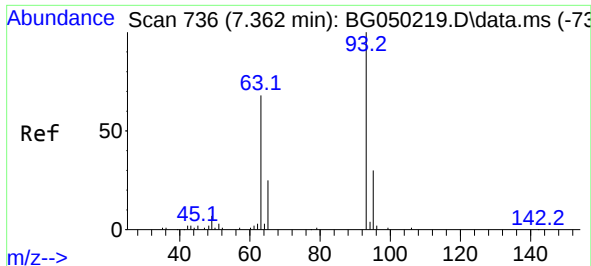
9/10/2021 3:21:35 PM



#8
Phenol
Concen: 12.973 ng/ul
RT: 7.147 min Scan# 699
Delta R.T. -0.010 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

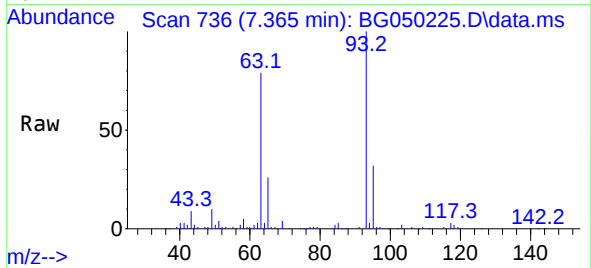
Tgt Ion: 94 Resp: 46454
Ion Ratio Lower Upper
94 100
65 36.8 27.7 41.5
66 46.3 39.0 58.4





#10
Bis(2-Chloroethyl)ether
Concen: 34.557 ng/ul
RT: 7.365 min Scan# 736
Delta R.T. -0.004 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

Instrument :
BNA_G
ClientSampleId :
DBKL5MS

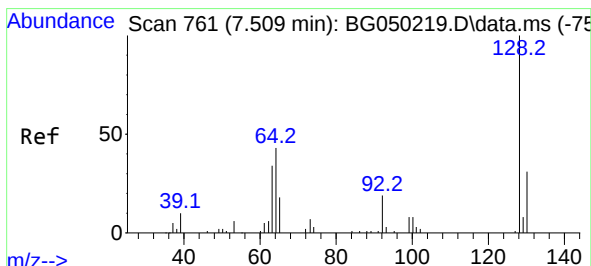
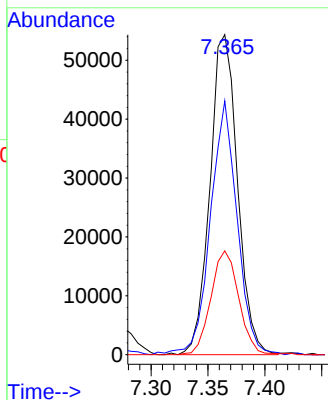
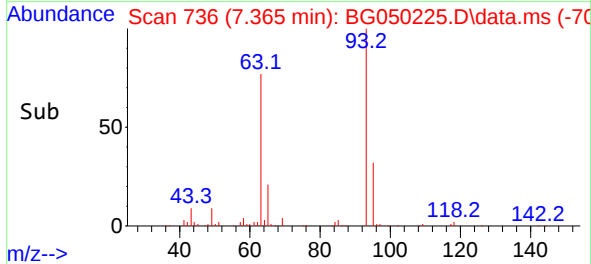


Tgt Ion:	93	Resp:	91745
Ion	Ratio	Lower	Upper
93	100		
63	79.3	59.9	89.9
95	32.5	27.6	41.4

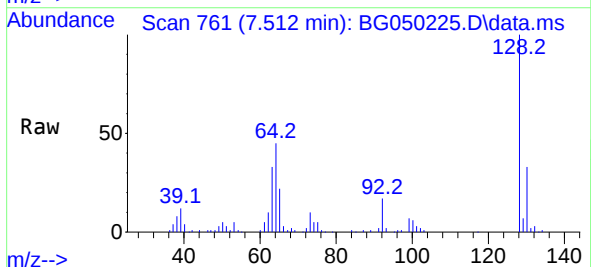
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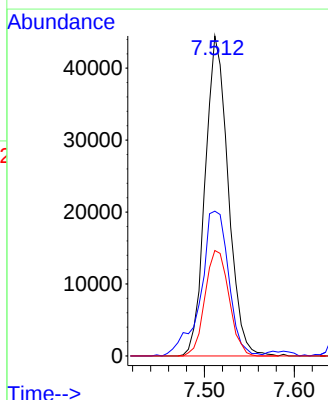
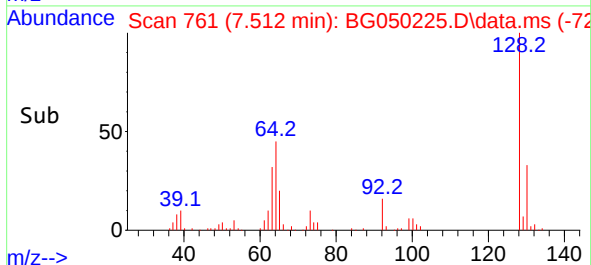
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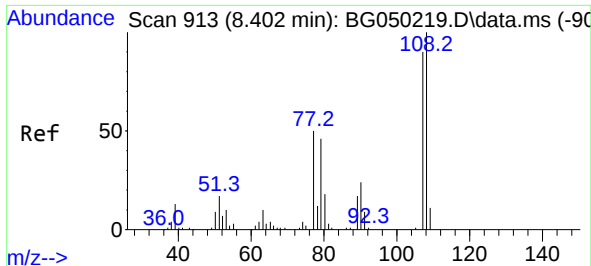


#12
2-Chlorophenol
Concen: 26.871 ng/ul
RT: 7.512 min Scan# 761
Delta R.T. -0.010 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



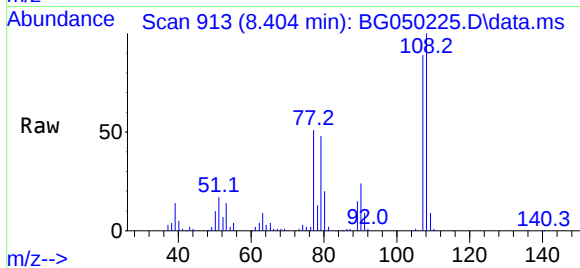
Tgt Ion:	128	Resp:	79020
Ion	Ratio	Lower	Upper
128	100		
64	45.2	28.0	42.0#
130	32.9	24.4	36.6





#13
2-Methylphenol
Concen: 25.796 ng/ul
RT: 8.404 min Scan# 913
Delta R.T. -0.010 min
Lab File: BG050225.D
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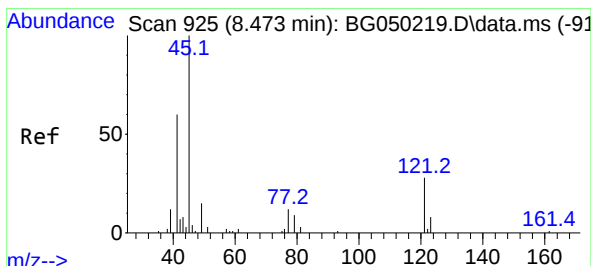
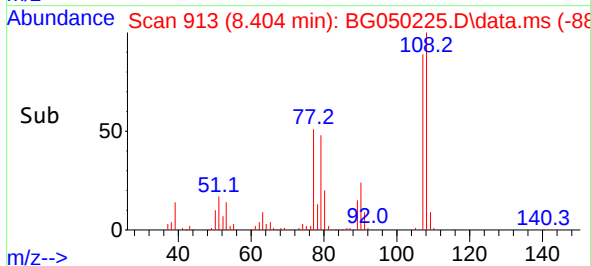
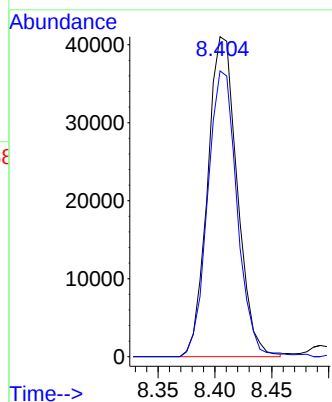


Tgt Ion:108 Resp: 74346
Ion Ratio Lower Upper
108 100
107 89.3 71.0 106.4

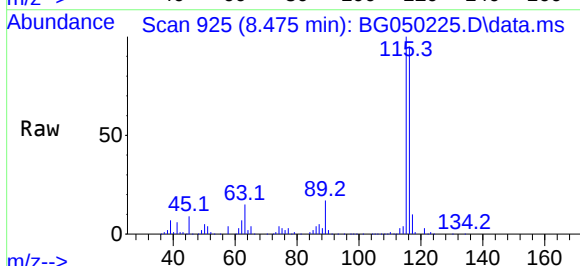
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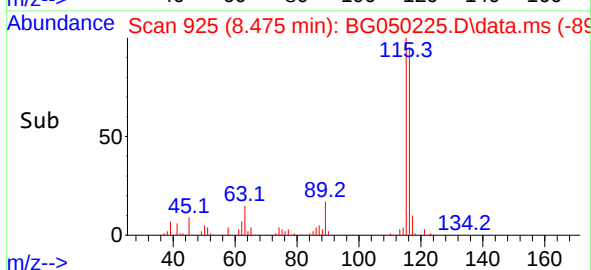
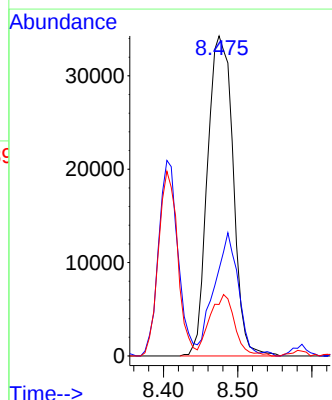
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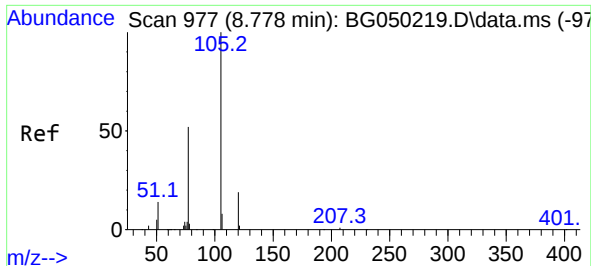


#14
2,2'-oxybis(1-Chloropropane)
Concen: 30.617 ng/ul
RT: 8.475 min Scan# 925
Delta R.T. 0.002 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



Tgt Ion: 45 Resp: 82034
Ion Ratio Lower Upper
45 100
77 27.2 16.9 25.3#
79 16.1 11.0 16.4





#16
Acetophenone
Concen: 36.718 ng/ul m
RT: 8.780 min Scan# 977
Delta R.T. -0.004 min
Lab File: BG050225.D
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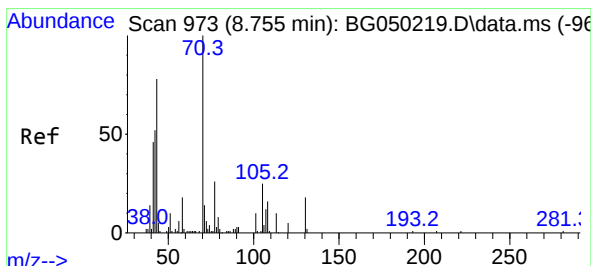
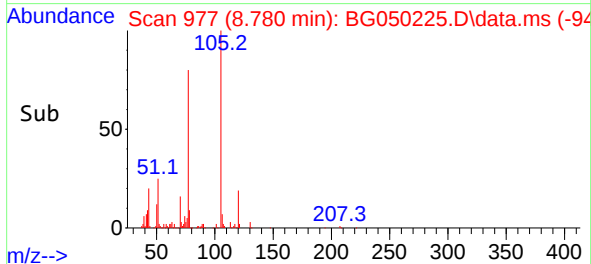
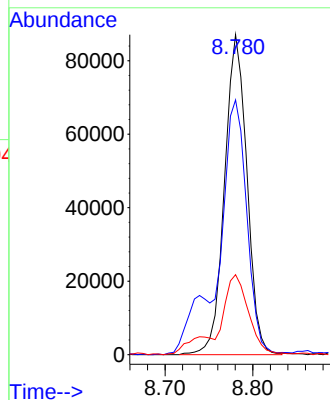
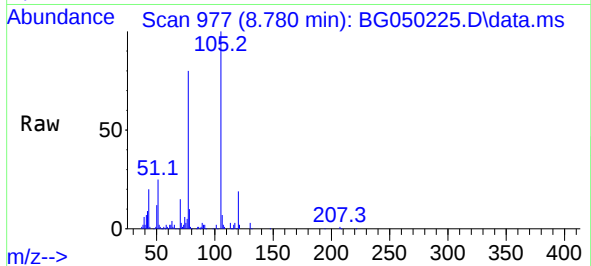
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Ion Ratio Lower Upper
105 100
77 79.6 67.7 101.5
51 25.0 25.3 37.9#

Instrument :
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Manual Integrations
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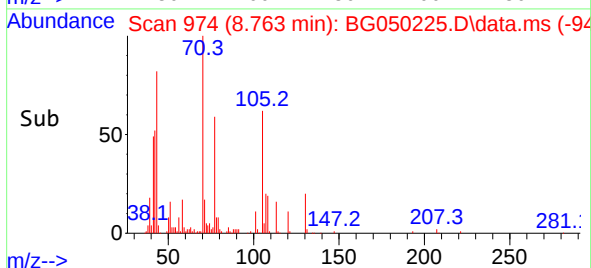
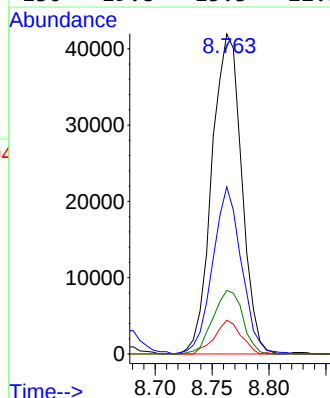
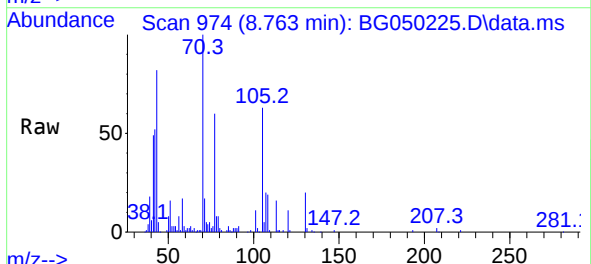
mohammad

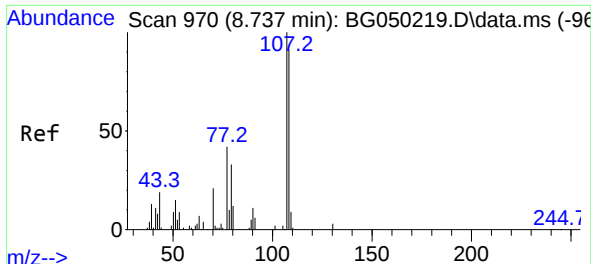
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#17
N-Nitroso-di-n-propylamine
Concen: 34.007 ng/ul
RT: 8.763 min Scan# 974
Delta R.T. 0.002 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

Tgt Ion: 70 Resp: 76281
Ion Ratio Lower Upper
70 100
42 52.2 44.2 66.4
101 10.6 7.8 11.8
130 19.8 15.3 22.9





#18
4-Methylphenol
Concen: 25.643 ng/ul
RT: 8.739 min Scan# 970
Delta R.T. -0.004 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

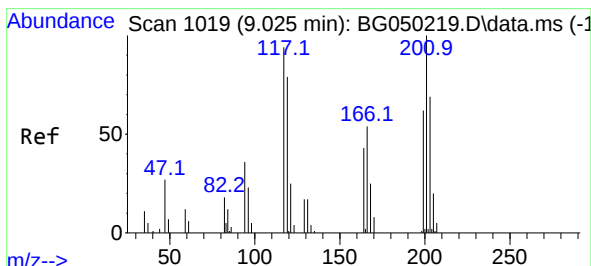
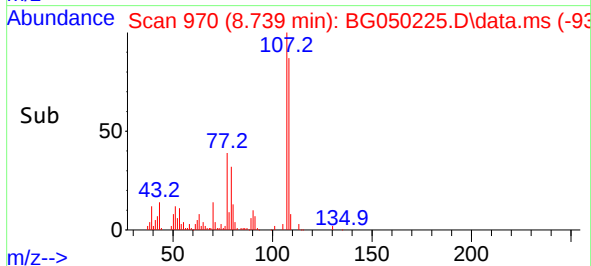
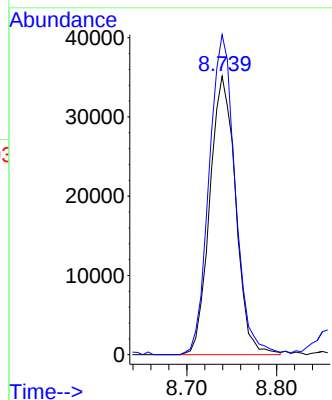
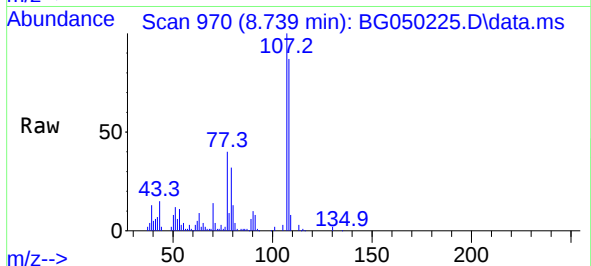
Instrument :
BNA_G
ClientSampleId :
DBKL5MS

Tgt Ion:108 Resp: 70195
Ion Ratio Lower Upper
108 100
107 114.9 78.3 117.5

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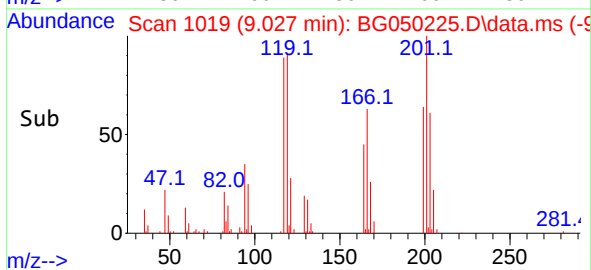
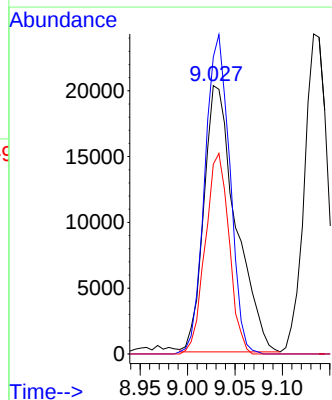
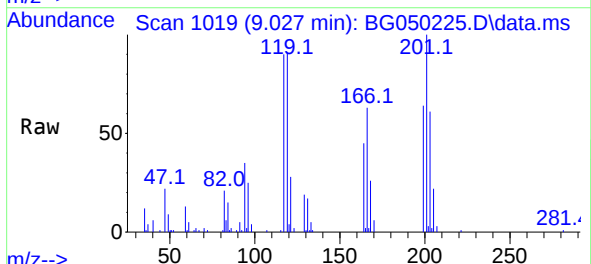
mohammad

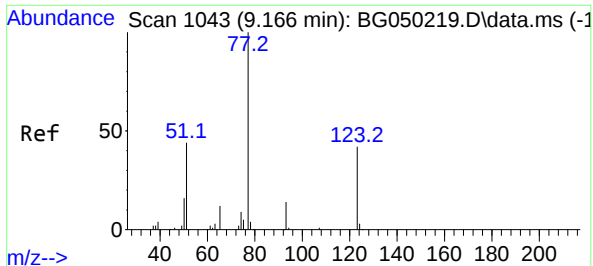
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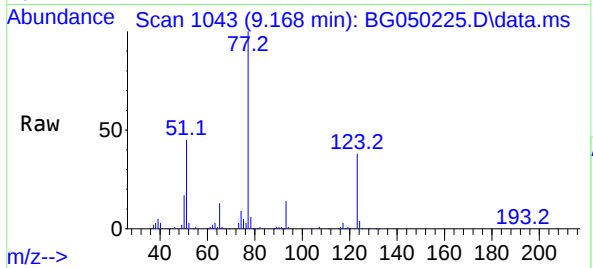
#19
Hexachloroethane
Concen: 38.701 ng/ul
RT: 9.027 min Scan# 1019
Delta R.T. -0.010 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

Tgt Ion:117 Resp: 47471
Ion Ratio Lower Upper
117 100
201 110.7 89.3 133.9
199 70.7 50.5 75.7

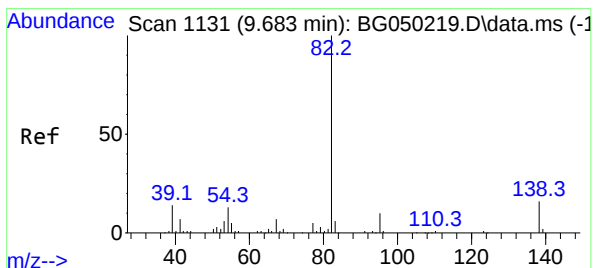
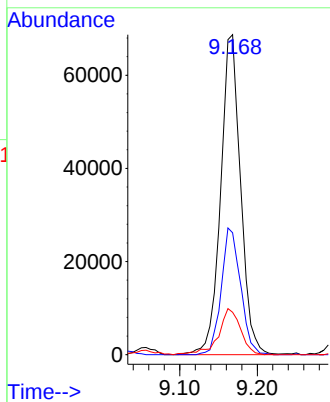
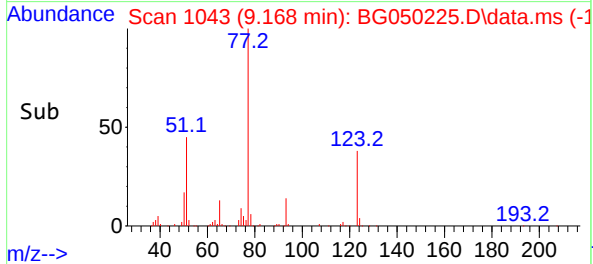




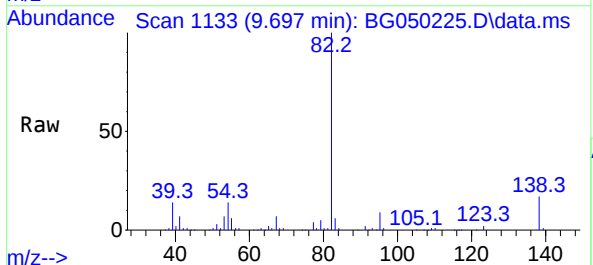
#22
Nitrobenzene
Concen: 31.588 ng/ul
RT: 9.168 min Scan# 1043
Delta R.T. -0.004 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



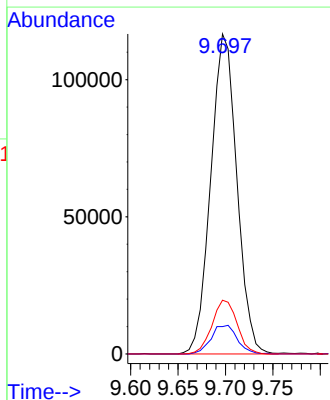
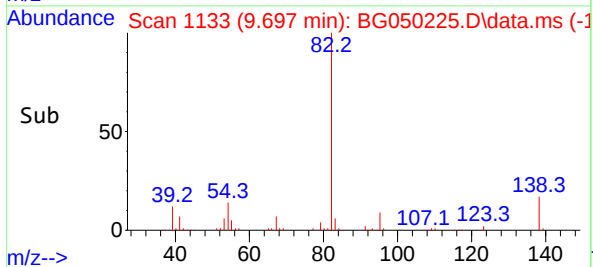
Tgt Ion: 77 Resp: 123037
Ion Ratio Lower Upper
77 100
123 38.1 30.4 45.6
65 13.2 11.3 16.9



#23
Isophorone
Concen: 30.059 ng/ul
RT: 9.697 min Scan# 1133
Delta R.T. 0.007 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



Tgt Ion: 82 Resp: 223577
Ion Ratio Lower Upper
82 100
95 8.5 7.8 11.8
138 16.8 11.4 17.0

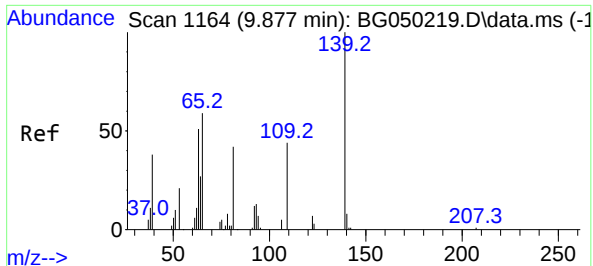


Instrument :
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ClientSampleId :
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#25
2-Nitrophenol
Concen: 27.687 ng/ul
RT: 9.885 min Scan# 1165
Delta R.T. 0.002 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

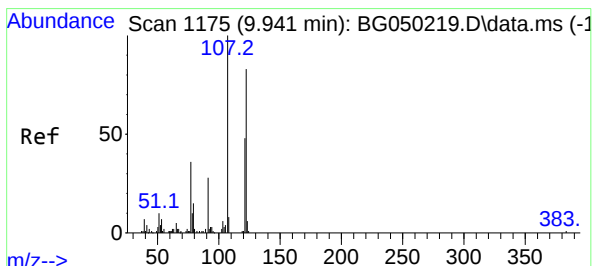
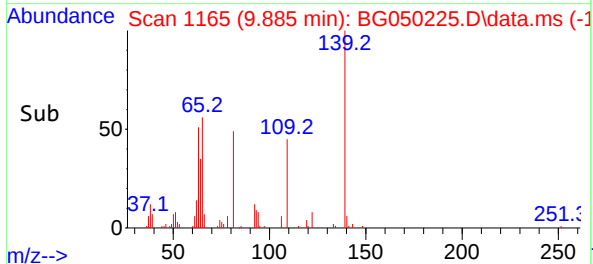
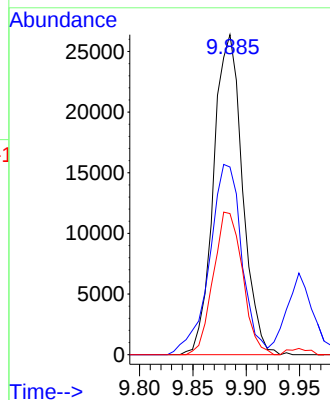
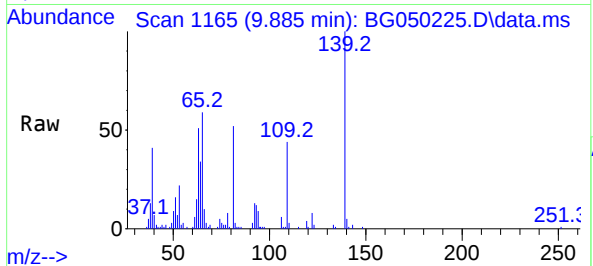
Tgt Ion:	139	Resp:	49673
Ion	Ratio	Lower	Upper
139	100		
65	58.7	53.1	79.7
109	44.1	44.1	66.1

Instrument :
BNA_G
ClientSampleId :
DBKL5MS

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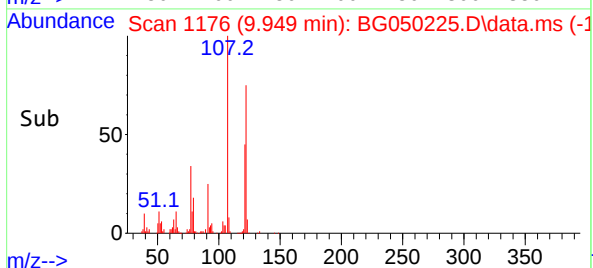
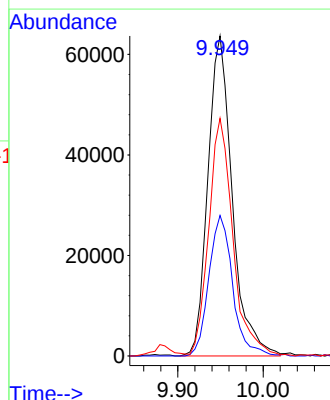
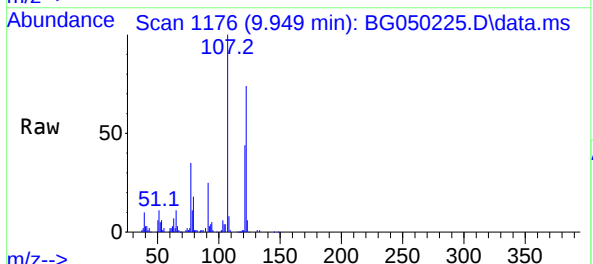
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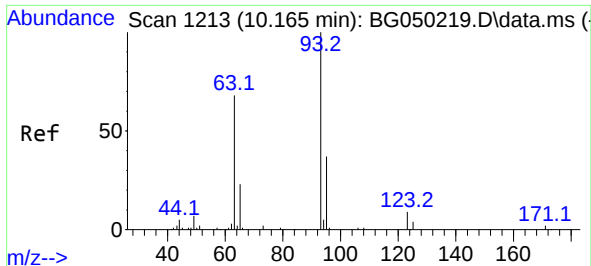
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#26
2,4-Dimethylphenol
Concen: 29.655 ng/ul
RT: 9.949 min Scan# 1176
Delta R.T. 0.002 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

Tgt Ion:	107	Resp:	126607
Ion	Ratio	Lower	Upper
107	100		
121	43.9	32.7	49.1
122	74.3	52.6	79.0





#27
 Bis(2-Chloroethoxy)methane
 Concen: 31.831 ng/ul
 RT: 10.179 min Scan# 1215
 Delta R.T. 0.007 min
 Lab File: BG050225.D
 Acq: 9 Sep 2021 9:52

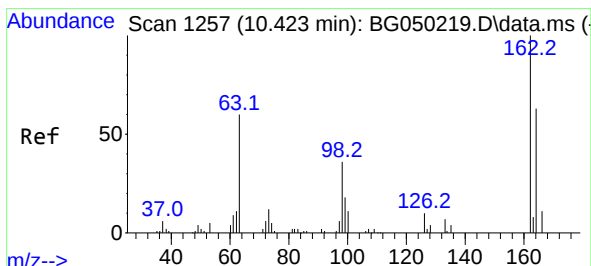
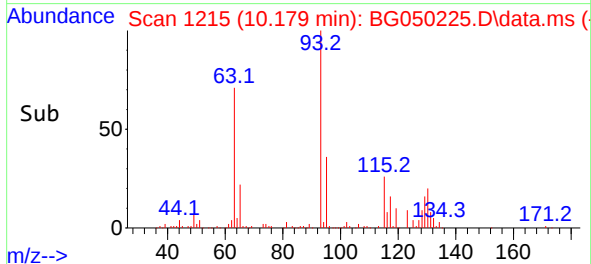
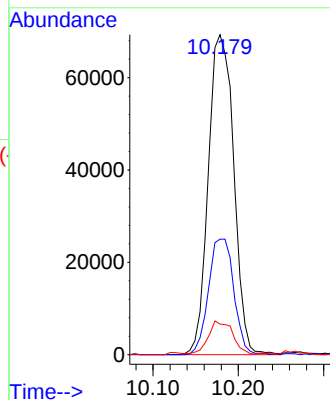
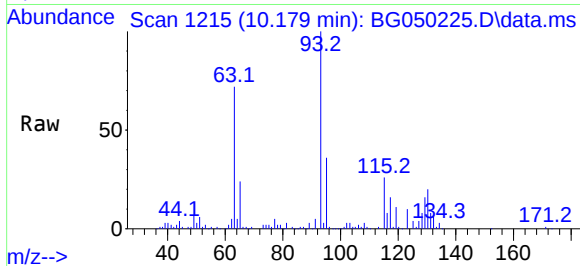
Tgt Ion: 93 Resp: 143614
 Ion Ratio Lower Upper
 93 100
 95 36.1 24.8 37.2
 123 9.6 8.2 12.2

Instrument :
 BNA_G
 ClientSampleId :
 DBKL5MS

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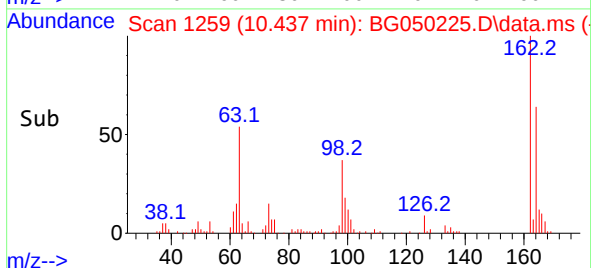
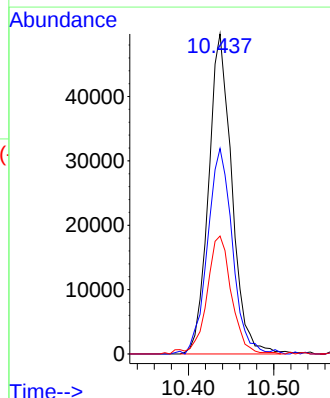
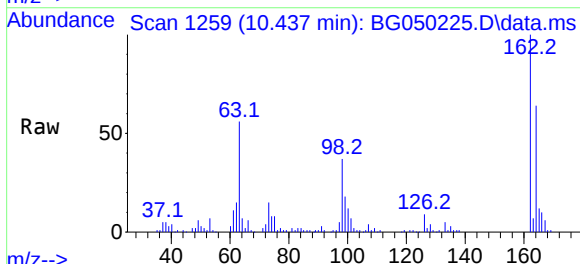
mohammad

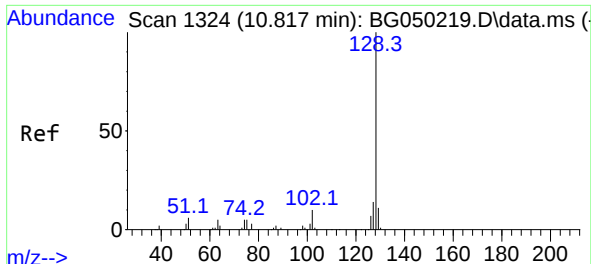
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#29
 2,4-Dichlorophenol
 Concen: 29.729 ng/ul
 RT: 10.437 min Scan# 1259
 Delta R.T. 0.002 min
 Lab File: BG050225.D
 Acq: 9 Sep 2021 9:52

Tgt Ion:162 Resp: 94382
 Ion Ratio Lower Upper
 162 100
 164 64.2 51.0 76.6
 98 36.8 27.8 41.8





#30
Naphthalene
Concen: 838.367 ng/ul
RT: 10.866 min Scan# 1332
Delta R.T. 0.043 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

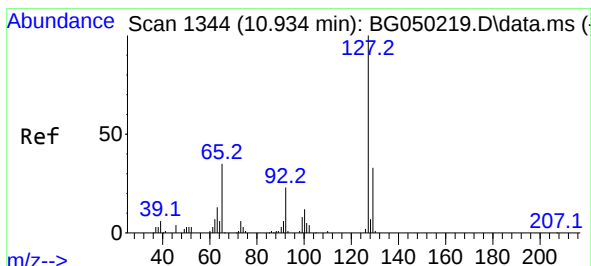
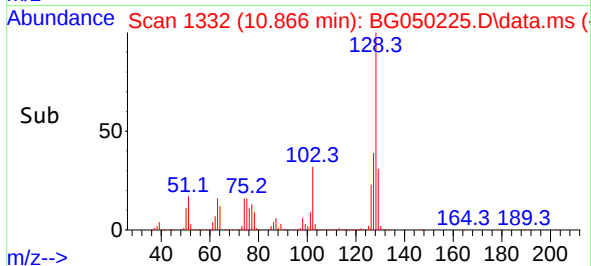
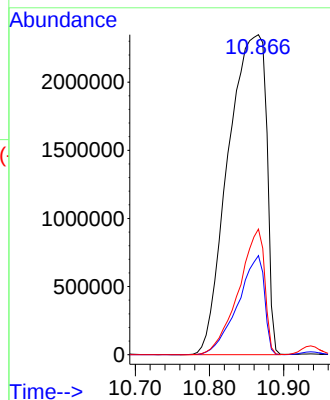
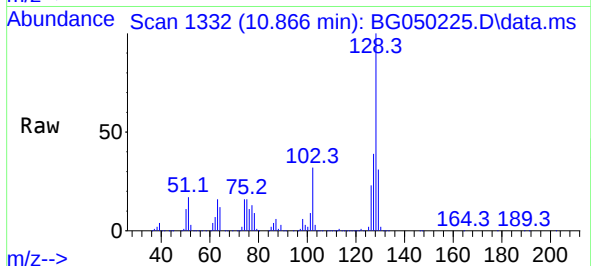
Tgt Ion:128 Resp: 8389905
Ion Ratio Lower Upper
128 100
129 30.9 9.3 13.9#
127 39.2 9.8 14.6#

Instrument :
BNA_G
ClientSampleId :
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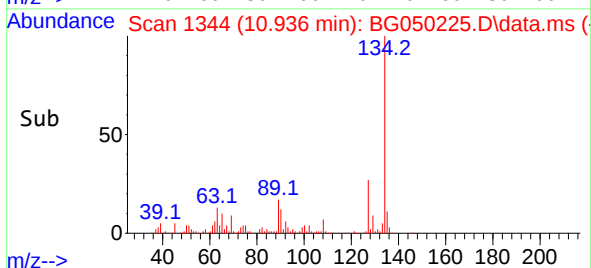
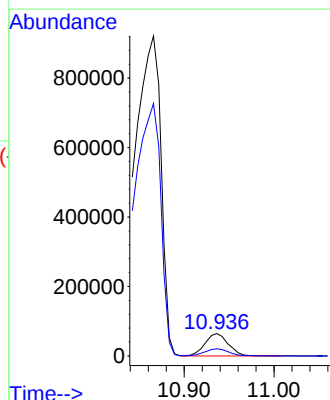
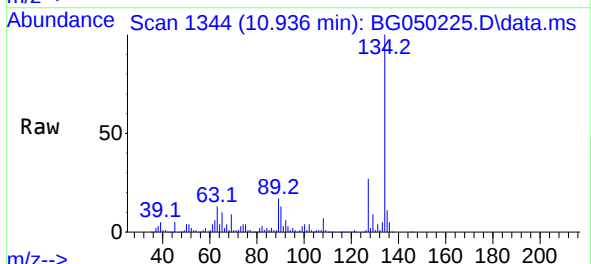
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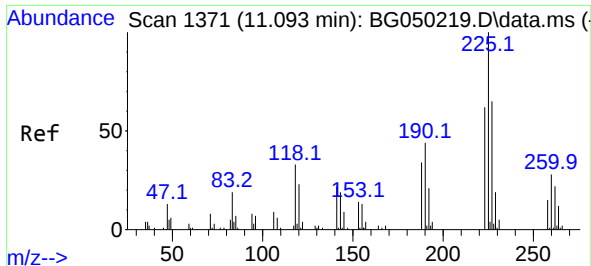
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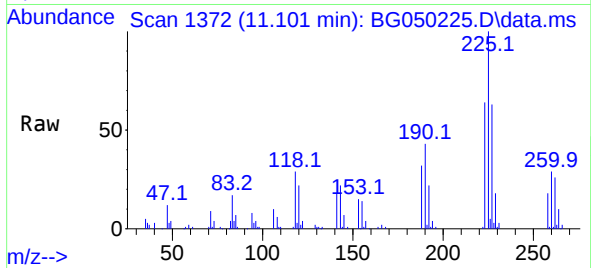
#32
4-Chloroaniline
Concen: 28.469 ng/ul
RT: 10.936 min Scan# 1344
Delta R.T. -0.004 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

Tgt Ion:127 Resp: 114679
Ion Ratio Lower Upper
127 100
129 32.2 30.3 45.5

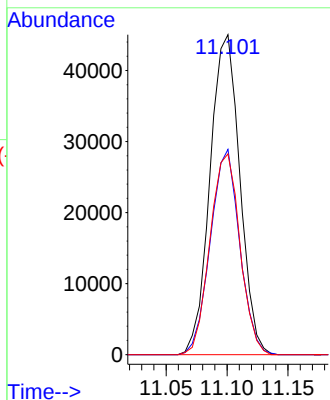
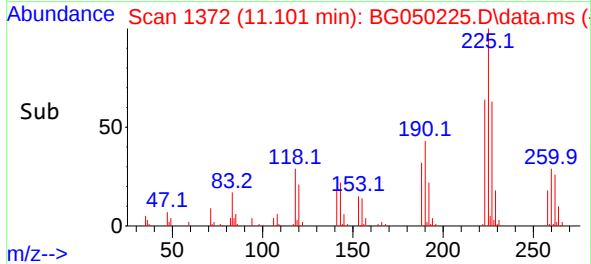




#33
Hexachlorobutadiene
Concen: 30.444 ng/ul
RT: 11.101 min Scan# 1372
Delta R.T. -0.004 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



Tgt Ion:225 Resp: 76611
Ion Ratio Lower Upper
225 100
223 64.2 51.3 76.9
227 62.7 55.1 82.7

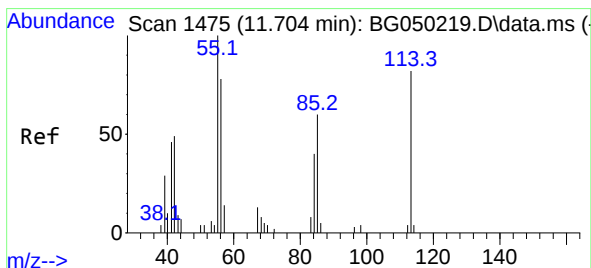


Instrument :
BNA_G
ClientSampleId :
DBKL5MS

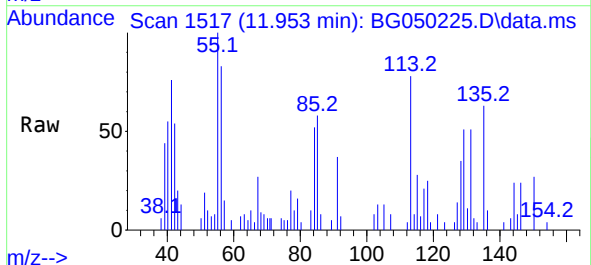
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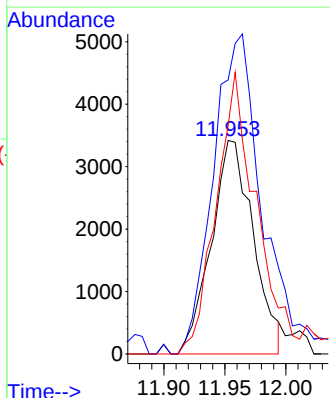
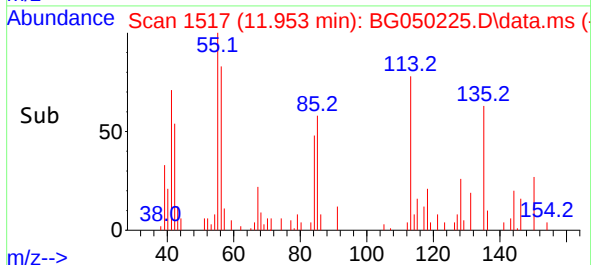
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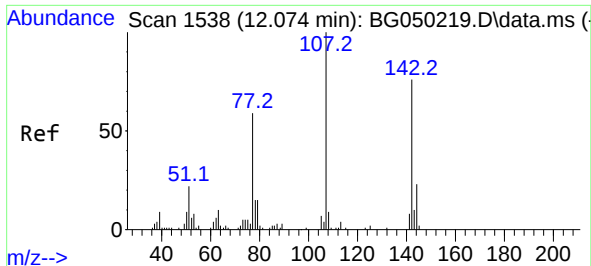


#34
Caprolactam
Concen: 8.490 ng/ul
RT: 11.953 min Scan# 1517
Delta R.T. 0.236 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

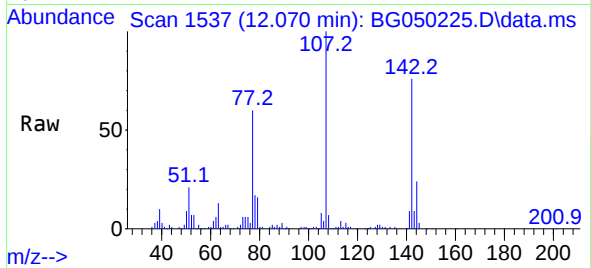


Tgt Ion:113 Resp: 8200
Ion Ratio Lower Upper
113 100
55 128.4 114.0 171.0
56 107.0 107.4 161.0#

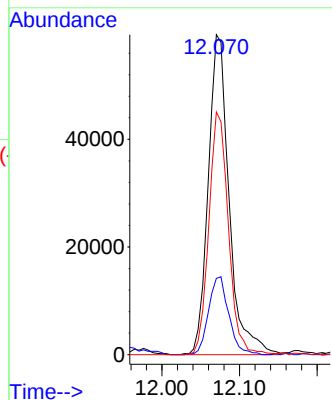




#35
4-Chloro-3-methylphenol
Concen: 31.174 ng/ul
RT: 12.070 min Scan# 1537
Delta R.T. -0.010 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



Tgt Ion:	107	Resp:	111548
Ion	Ratio	Lower	Upper
107	100		
144	23.9	18.9	28.3
142	75.8	59.2	88.8

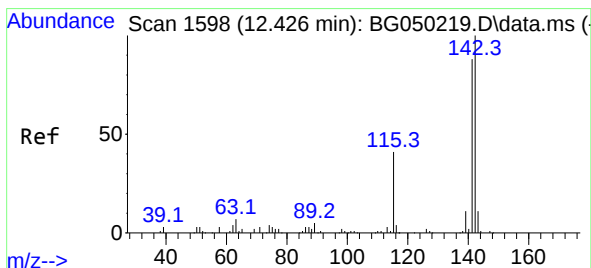


Instrument :
BNA_G
ClientSampleId :
DBKL5MS

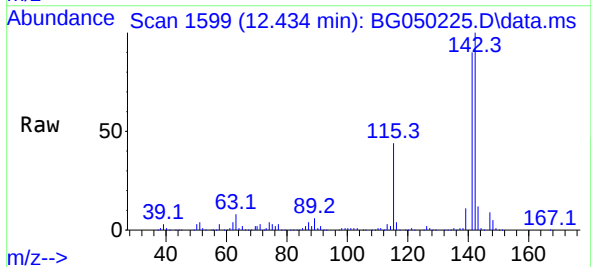
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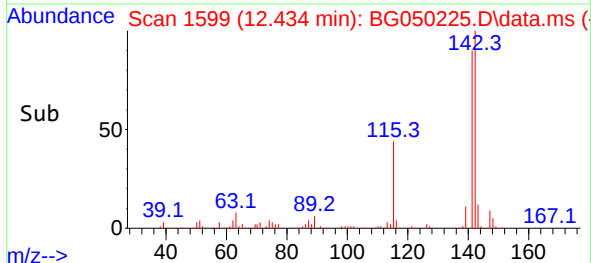
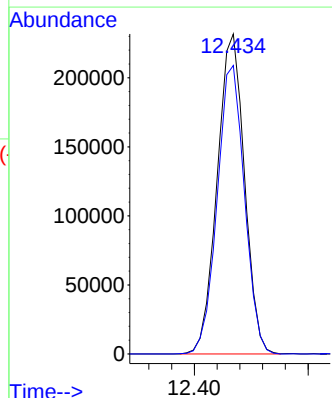
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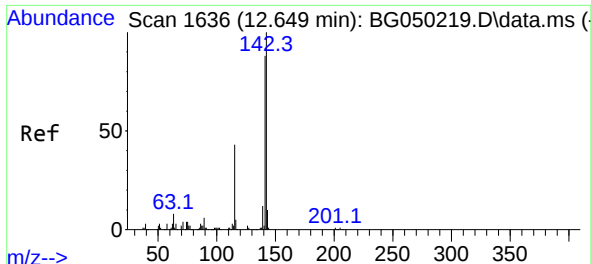


#36
2-Methylnaphthalene
Concen: 52.151 ng/ul
RT: 12.434 min Scan# 1599
Delta R.T. -0.004 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



Tgt Ion:	142	Resp:	385937
Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.5	105.7





#37
1-Methylnaphthalene
Concen: 187.363 ng/ul
RT: 12.663 min Scan# 1638
Delta R.T. 0.007 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

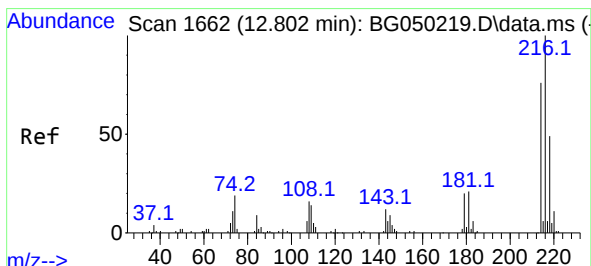
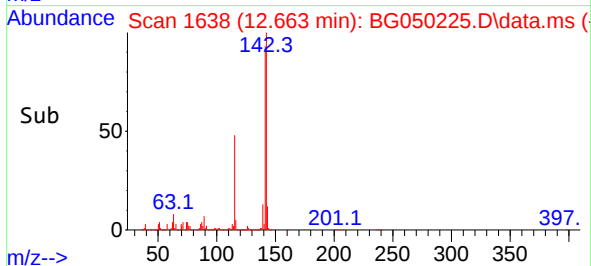
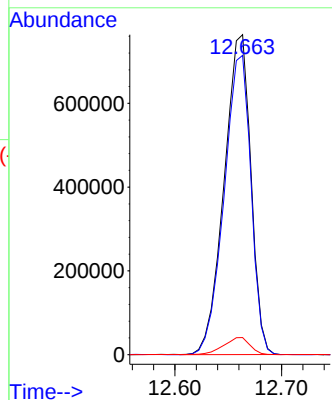
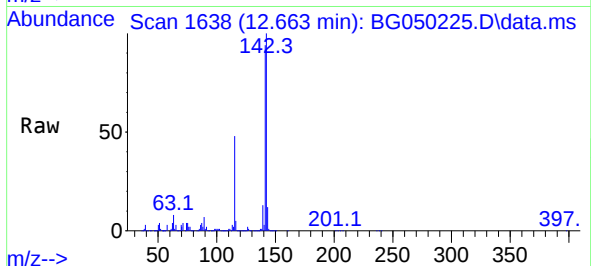
Tgt Ion:142 Resp: 1331394
Ion Ratio Lower Upper
142 100
141 93.6 75.8 113.8
116 5.3 3.7 5.5

Instrument :
BNA_G
ClientSampleId :
DBKL5MS

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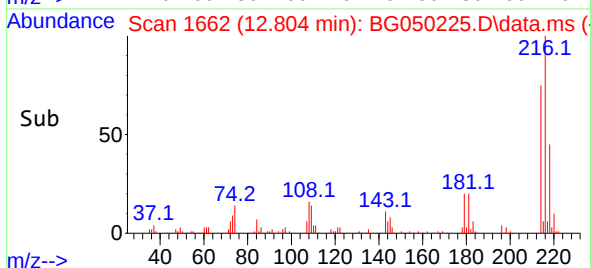
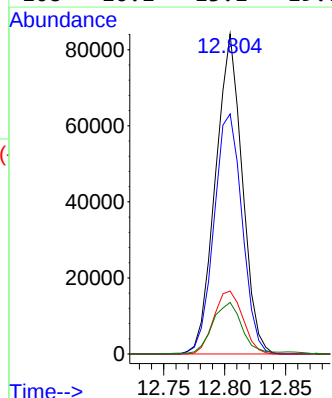
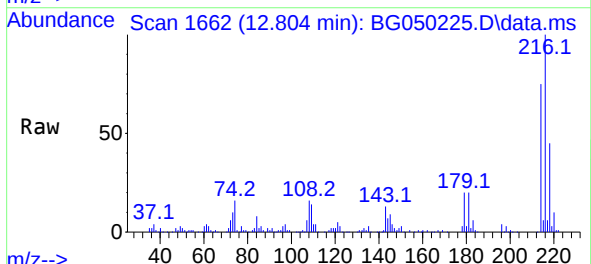
mohammad

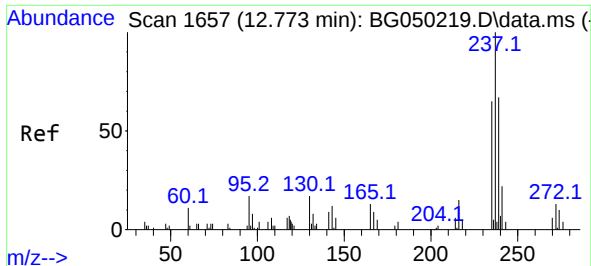
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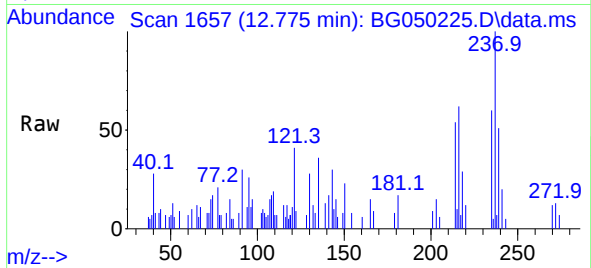
#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.685 ng/ul
RT: 12.804 min Scan# 1662
Delta R.T. -0.004 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

Tgt Ion:216 Resp: 128401
Ion Ratio Lower Upper
216 100
214 75.0 64.2 96.2
179 19.7 12.8 19.2#
108 16.1 13.1 19.7

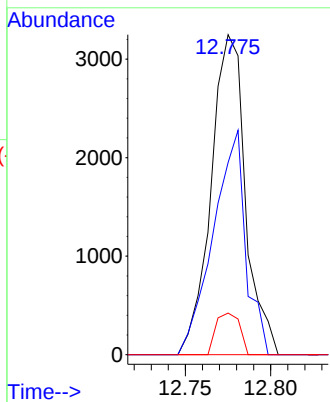
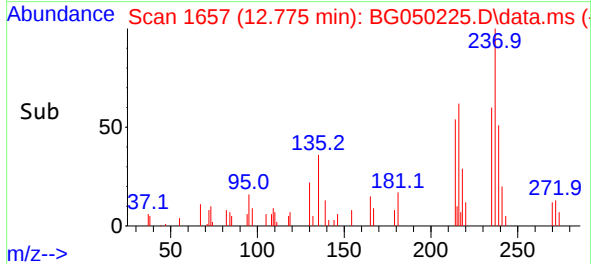




#40
Hexachlorocyclopentadiene
Concen: 4.809 ng/ul
RT: 12.775 min Scan# 1657
Delta R.T. -0.004 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



Tgt Ion:237 Resp: 4564
Ion Ratio Lower Upper
237 100
235 60.1 53.5 80.3
272 13.0 11.5 17.3

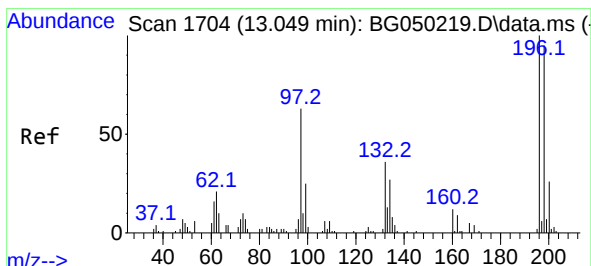


Instrument :
BNA_G
ClientSampleId :
DBKL5MS

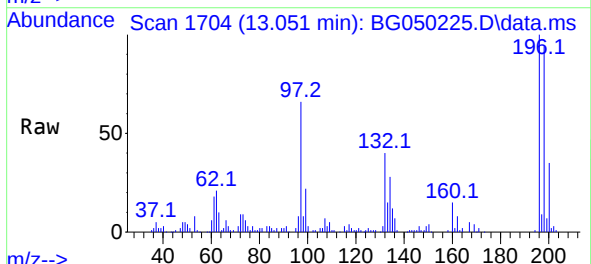
Manual Integrations
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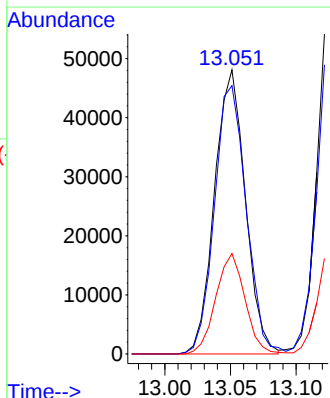
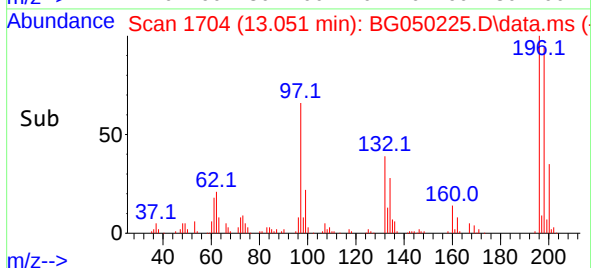
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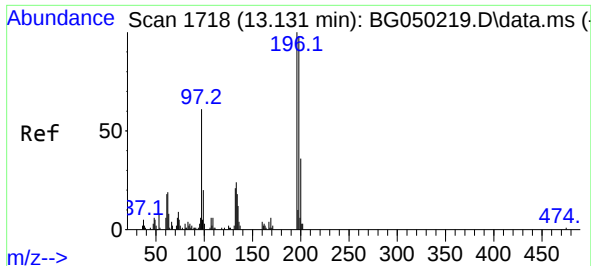


#41
2,4,6-Trichlorophenol
Concen: 39.734 ng/ul
RT: 13.051 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



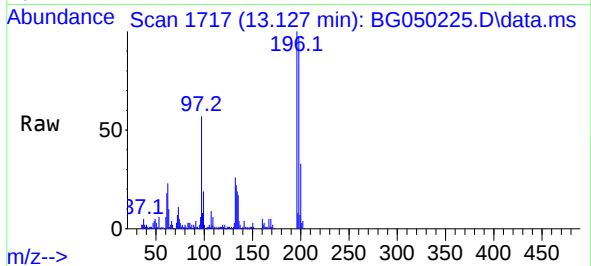
Tgt Ion:196 Resp: 78521
Ion Ratio Lower Upper
196 100
198 94.4 83.7 125.5
200 35.4 25.9 38.9





#42
2,4,5-Trichlorophenol
Concen: 54.499 ng/ul
RT: 13.127 min Scan# 1717
Delta R.T. -0.016 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

Instrument :
BNA_G
ClientSampleId :
DBKL5MS

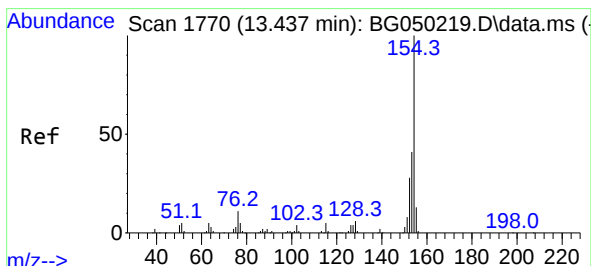
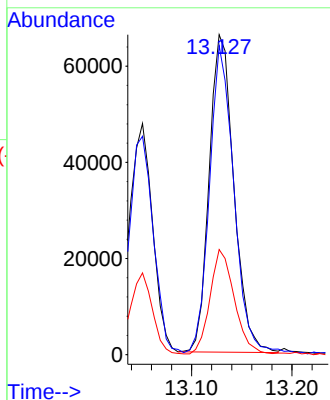
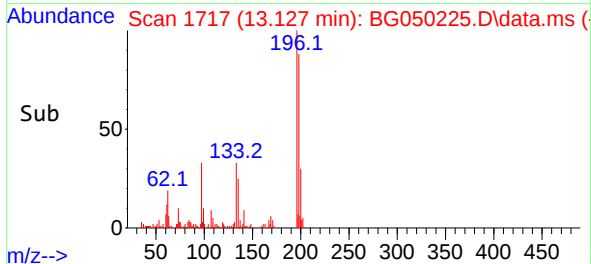


Tgt Ion:196 Resp: 112627
Ion Ratio Lower Upper
196 100
198 96.6 70.3 105.5
200 32.8 26.6 40.0

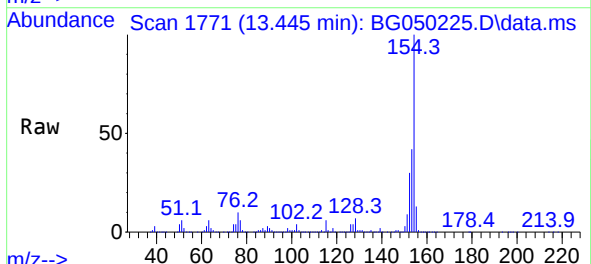
Manual Integrations
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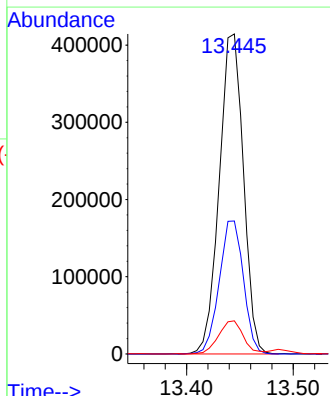
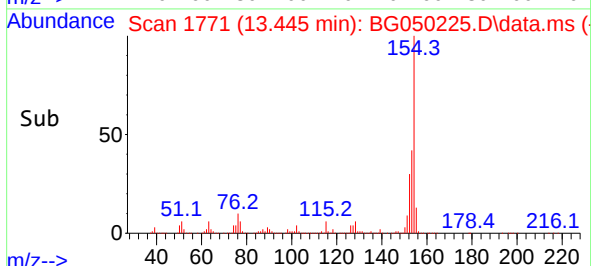
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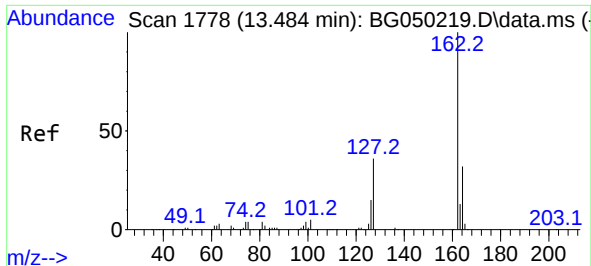


#43
1,1'-Biphenyl
Concen: 87.195 ng/ul
RT: 13.445 min Scan# 1771
Delta R.T. 0.002 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



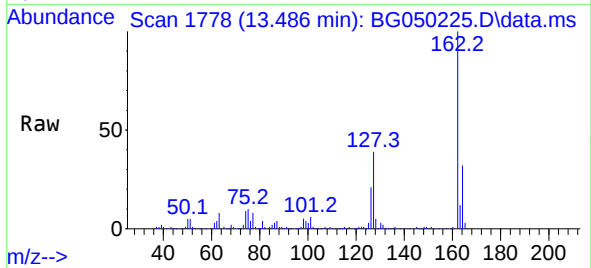
Tgt Ion:154 Resp: 651418
Ion Ratio Lower Upper
154 100
153 41.5 32.5 48.7
76 10.4 7.8 11.8





#44
2-Chloronaphthalene
Concen: 37.408 ng/ul
RT: 13.486 min Scan# 1778
Delta R.T. -0.004 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

Instrument :
BNA_G
ClientSampleId :
DBKL5MS

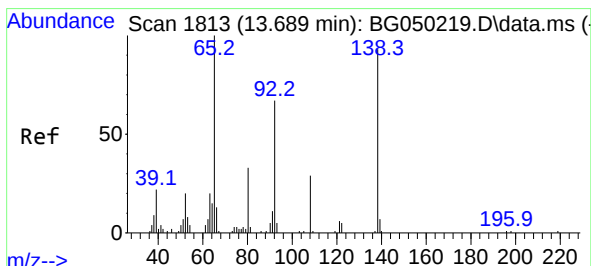
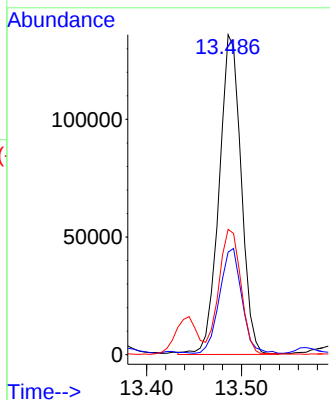
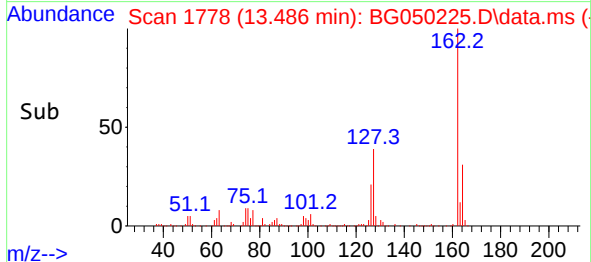


Tgt Ion:162 Resp: 219780
Ion Ratio Lower Upper
162 100
164 32.0 25.2 37.8
127 39.2 31.9 47.9

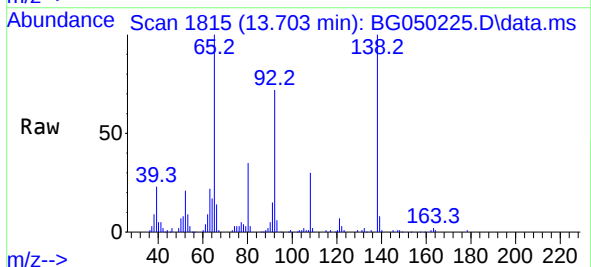
Manual Integrations
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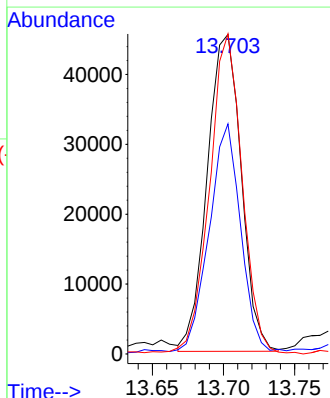
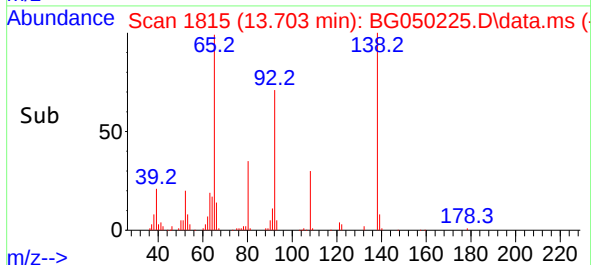
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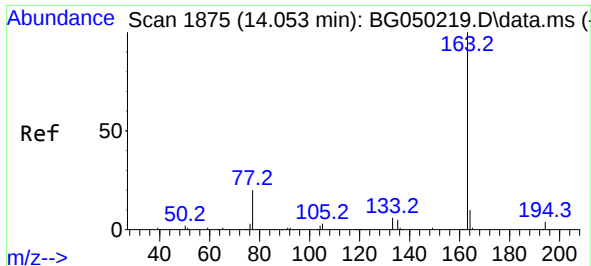


#45
2-Nitroaniline
Concen: 40.494 ng/ul
RT: 13.703 min Scan# 1815
Delta R.T. -0.004 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



Tgt Ion: 65 Resp: 75319
Ion Ratio Lower Upper
65 100
92 72.0 55.6 83.4
138 100.2 78.7 118.1





#47
Dimethylphthalate
Concen: 39.689 ng/ul
RT: 14.073 min Scan# 1878
Delta R.T. 0.007 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

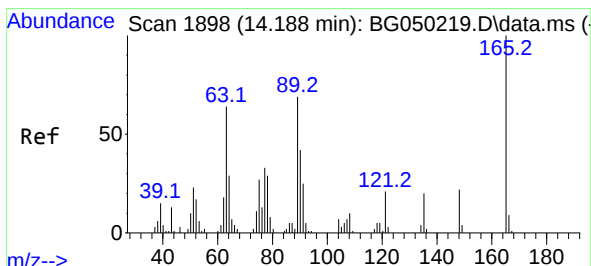
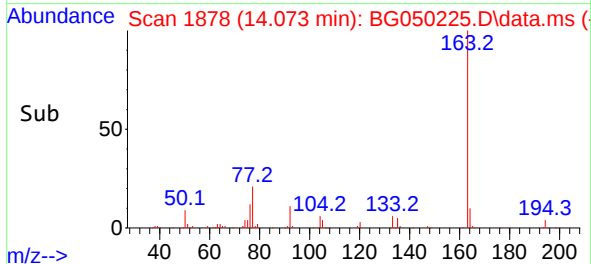
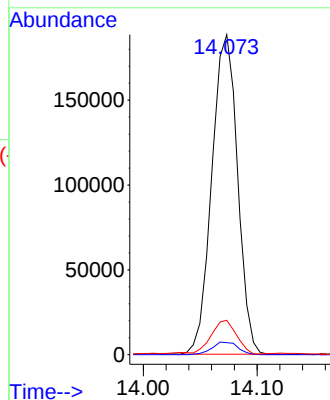
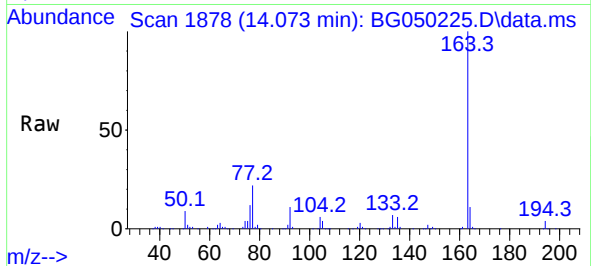
Tgt Ion:163 Resp: 296006
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.7 8.2 12.4

Instrument :
BNA_G
ClientSampleId :
DBKL5MS

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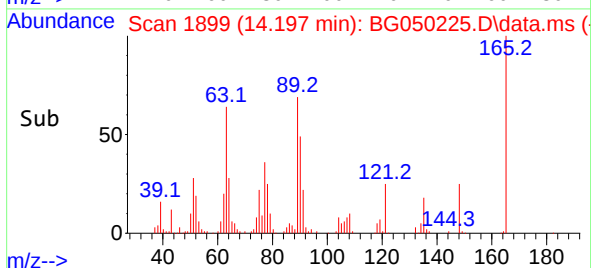
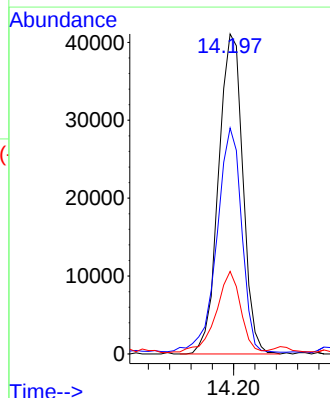
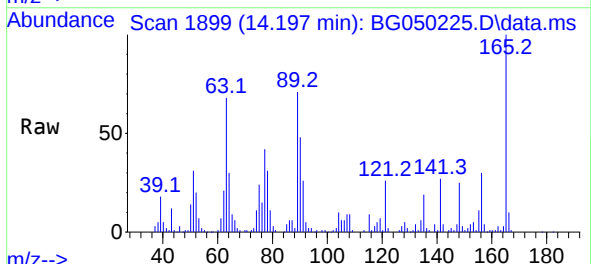
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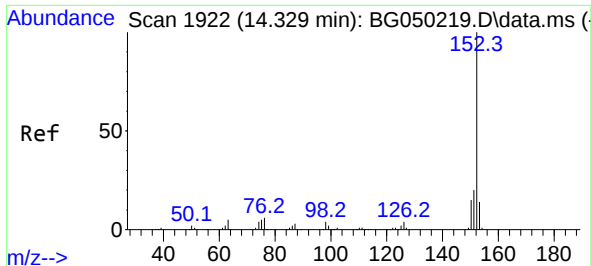
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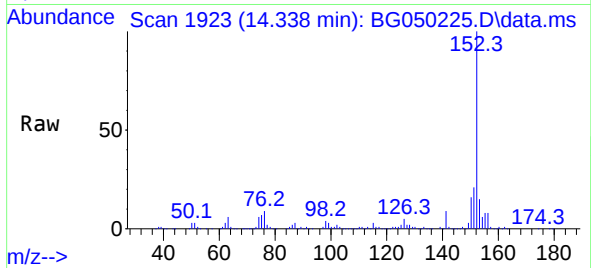
#48
2,6-Dinitrotoluene
Concen: 40.863 ng/ul
RT: 14.197 min Scan# 1899
Delta R.T. 0.002 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

Tgt Ion:165 Resp: 64890
Ion Ratio Lower Upper
165 100
89 70.6 62.5 93.7
121 25.8 22.2 33.2

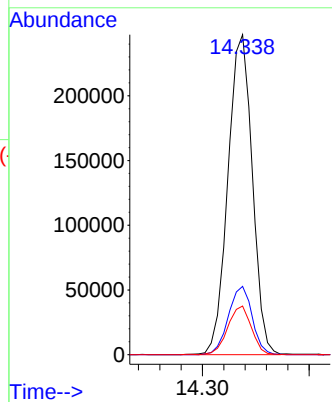
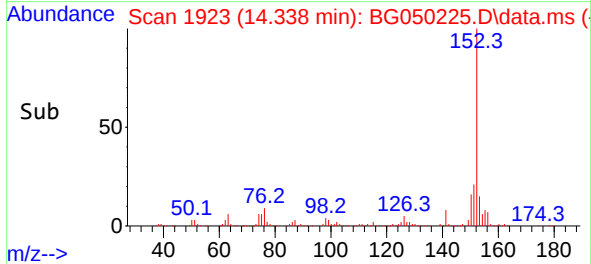




#50
Acenaphthylene
Concen: 45.107 ng/ul
RT: 14.338 min Scan# 1923
Delta R.T. 0.002 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



Tgt Ion:152 Resp: 392231
Ion Ratio Lower Upper
152 100
151 21.3 15.2 22.8
153 15.2 10.7 16.1

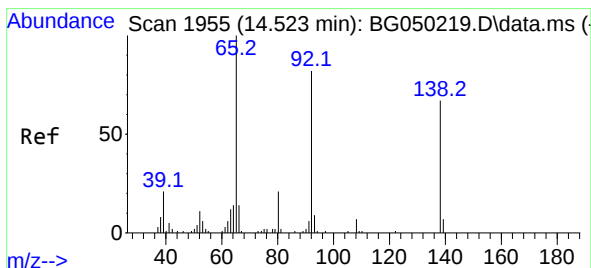


Instrument :
BNA_G
ClientSampled :
DBKL5MS

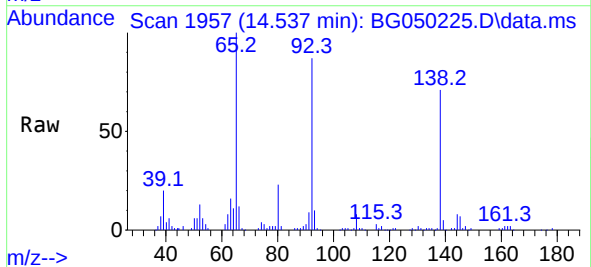
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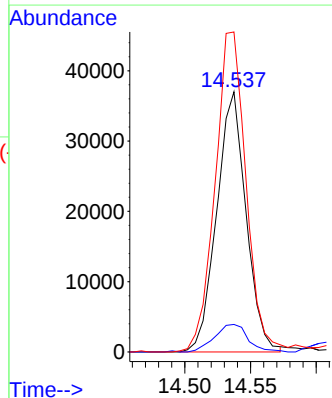
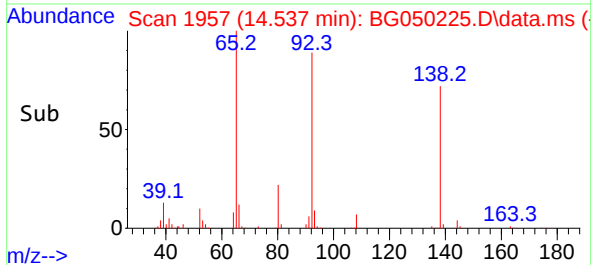
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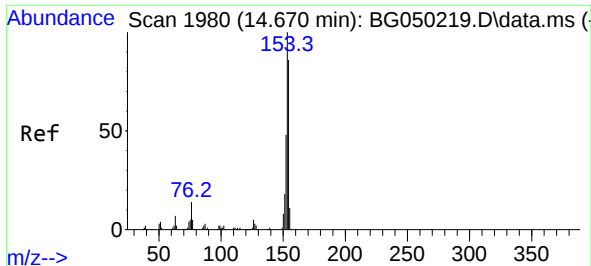


#51
3-Nitroaniline
Concen: 39.816 ng/ul
RT: 14.537 min Scan# 1957
Delta R.T. 0.007 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



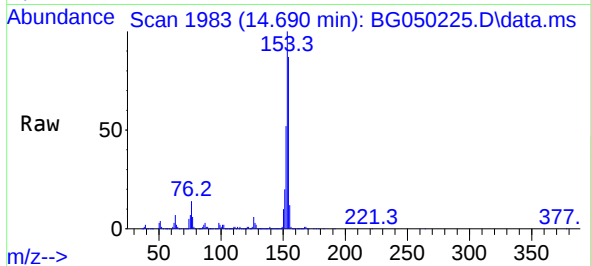
Tgt Ion:138 Resp: 57563
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.4
92 123.0 96.4 144.6





#52
Acenaphthene
Concen: 241.899 ng/ul
RT: 14.690 min Scan# 1983
Delta R.T. 0.013 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

Instrument :
BNA_G
ClientSampleId :
DBKL5MS

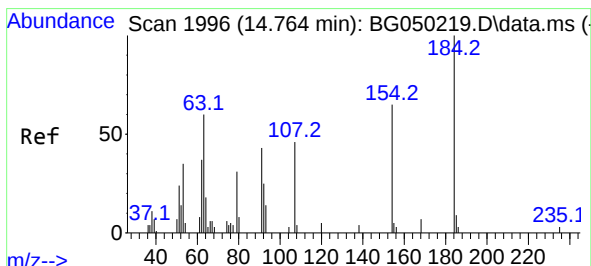
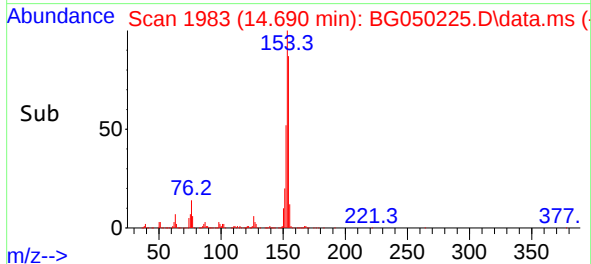
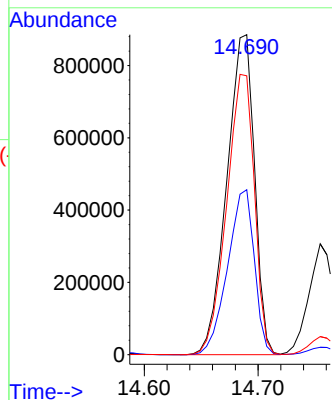


Tgt Ion:153 Resp: 1498800
Ion Ratio Lower Upper
153 100
152 51.5 37.4 56.2
154 87.1 71.5 107.3

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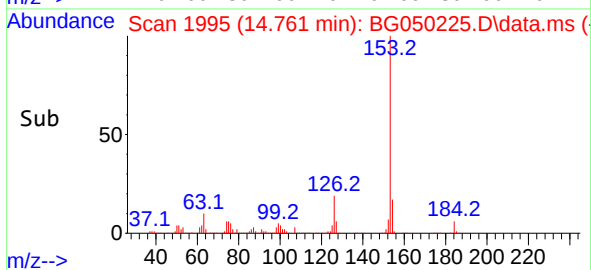
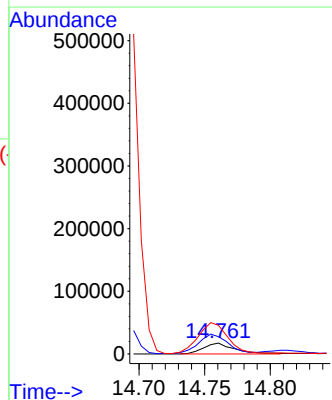
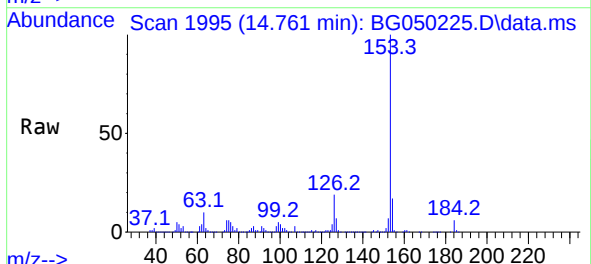
mohammad

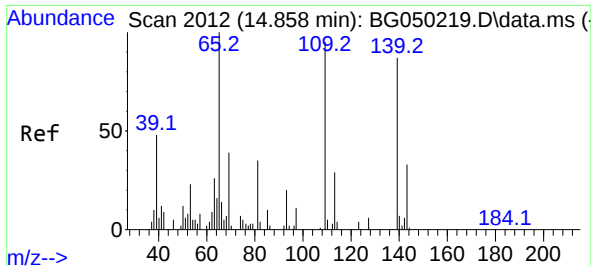
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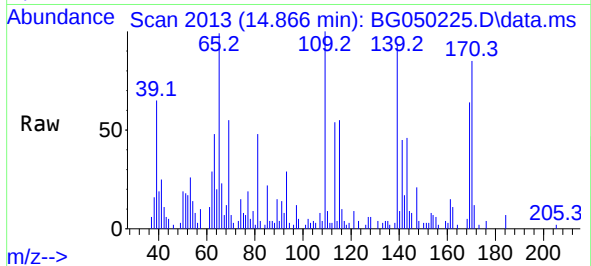
#53
2,4-Dinitrophenol
Concen: 43.756 ng/ul
RT: 14.761 min Scan# 1995
Delta R.T. -0.004 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

Tgt Ion:184 Resp: 28457
Ion Ratio Lower Upper
184 100
63 159.8 75.8 113.8#
154 262.8 64.6 96.8#

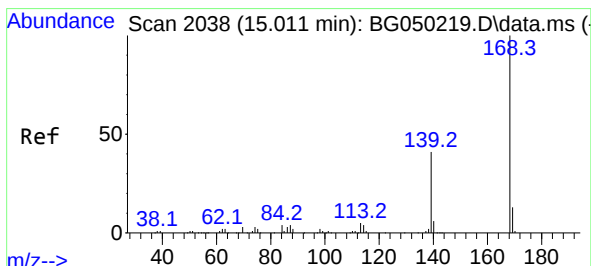
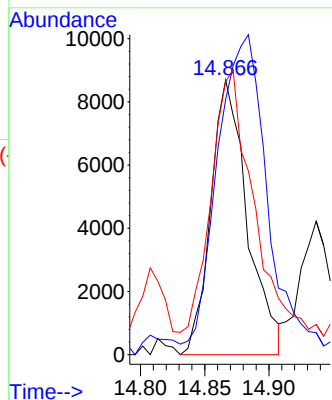
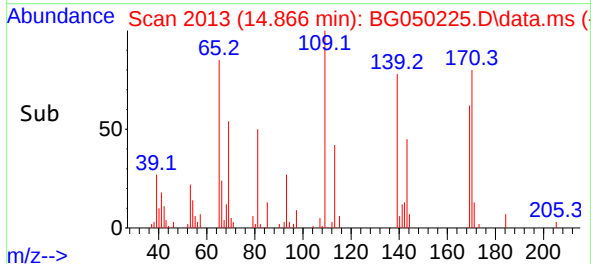




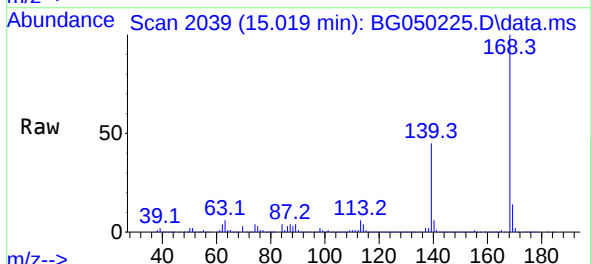
#55
4-Nitrophenol
Concen: 16.392 ng/ul m
RT: 14.866 min Scan# 2013
Delta R.T. 0.007 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



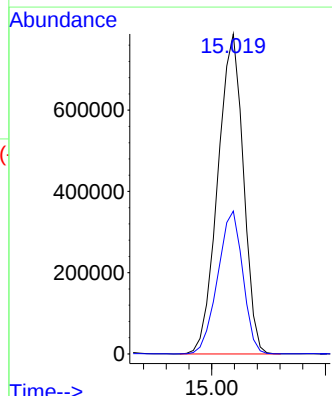
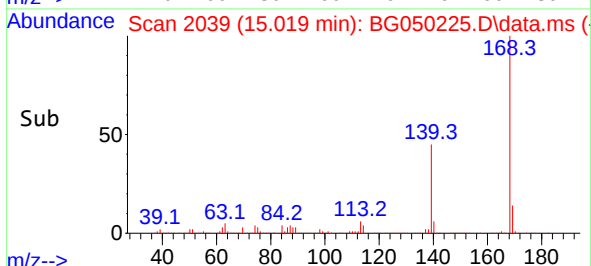
Tgt Ion:109 Resp: 17199
Ion Ratio Lower Upper
109 100
139 92.8 61.4 92.0#
65 99.4 76.5 114.7



#56
Dibenzofuran
Concen: 144.247 ng/ul
RT: 15.019 min Scan# 2039
Delta R.T. 0.002 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



Tgt Ion:168 Resp: 1229636
Ion Ratio Lower Upper
168 100
139 44.7 33.8 50.8

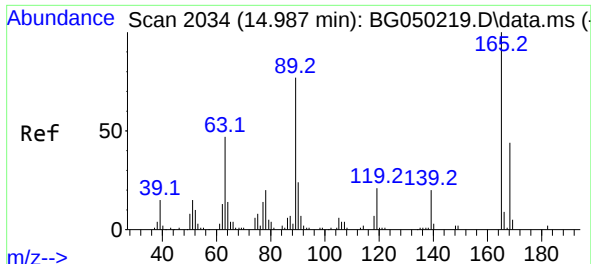


Instrument :
BNA_G
ClientSampleId :
DBKL5MS

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#57
2,4-Dinitrotoluene
Concen: 41.606 ng/ul
RT: 14.996 min Scan# 2035
Delta R.T. 0.002 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

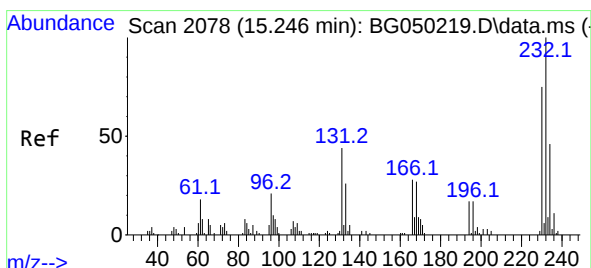
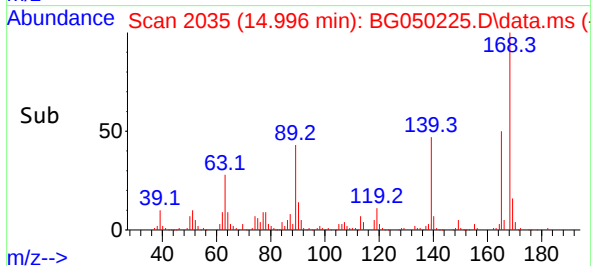
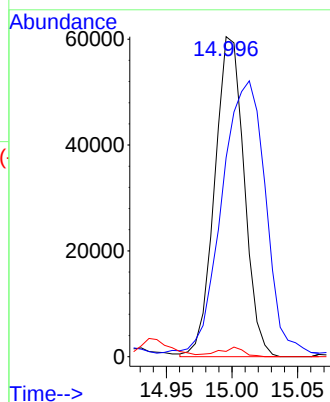
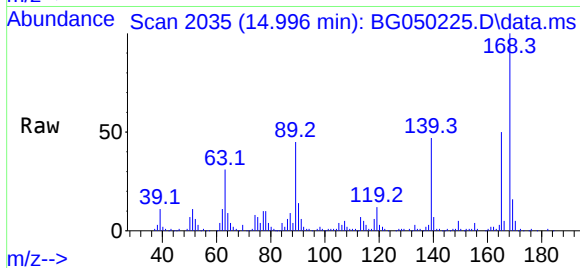
Tgt Ion:165 Resp: 94415
Ion Ratio Lower Upper
165 100
63 62.2 42.3 63.5
182 1.7 2.6 4.0#

Instrument :
BNA_G
ClientSampled :
DBKL5MS

Manual Integrations
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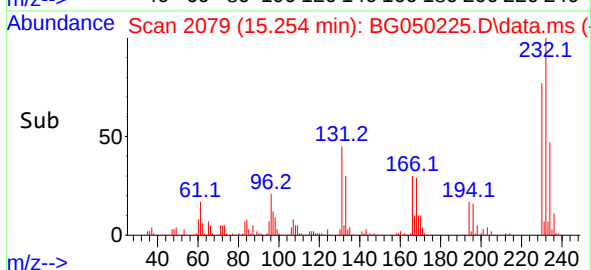
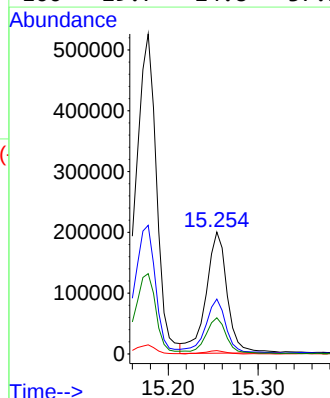
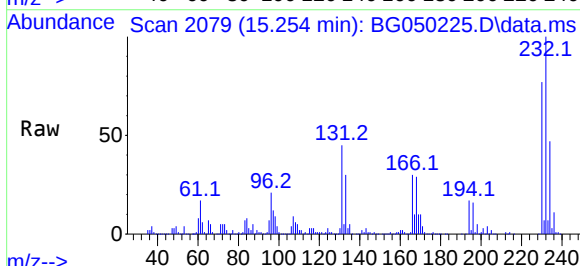
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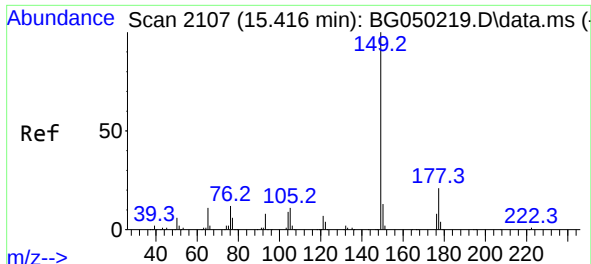
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#58
2,3,4,6-Tetrachlorophenol
Concen: 209.334 ng/ul
RT: 15.254 min Scan# 2079
Delta R.T. 0.001 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

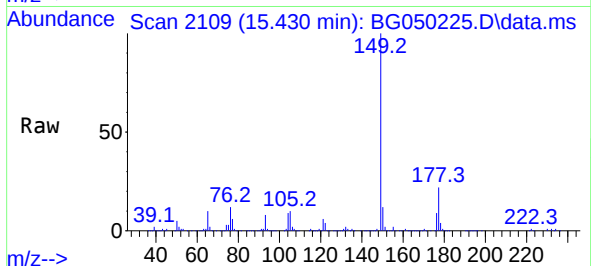
Tgt Ion:232 Resp: 327661
Ion Ratio Lower Upper
232 100
131 44.9 40.0 60.0
130 2.8 1.8 2.8#
166 29.7 24.8 37.2





#59
Diethylphthalate
Concen: 40.694 ng/ul
RT: 15.430 min Scan# 2109
Delta R.T. 0.007 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

Instrument :
BNA_G
ClientSampleId :
DBKL5MS

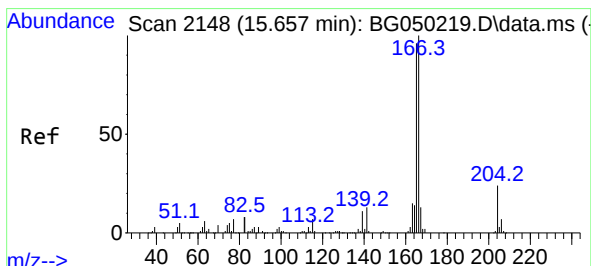
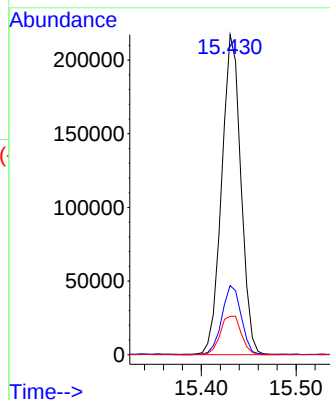


Tgt Ion:149 Resp: 306761
Ion Ratio Lower Upper
149 100
177 21.6 15.8 23.6
150 12.0 9.7 14.5

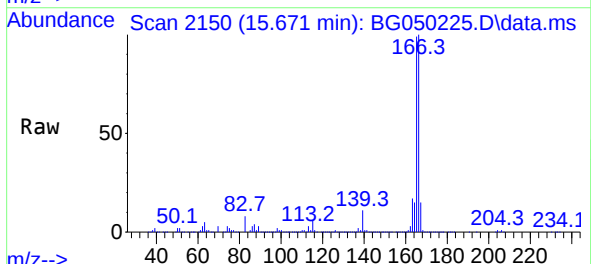
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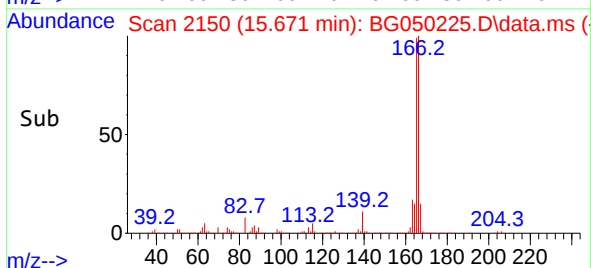
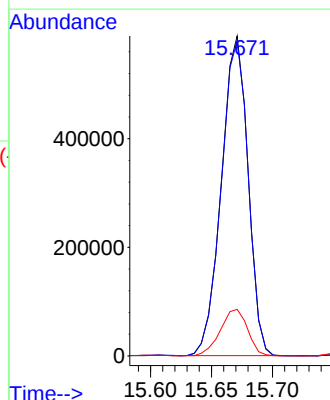
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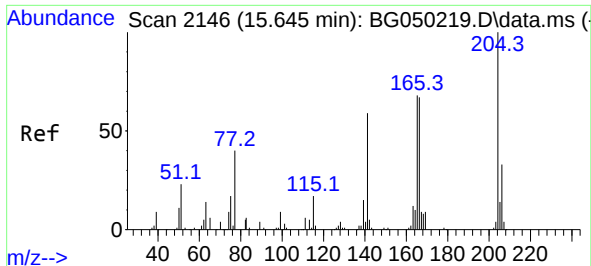


#61
Fluorene
Concen: 124.926 ng/ul
RT: 15.671 min Scan# 2150
Delta R.T. 0.007 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

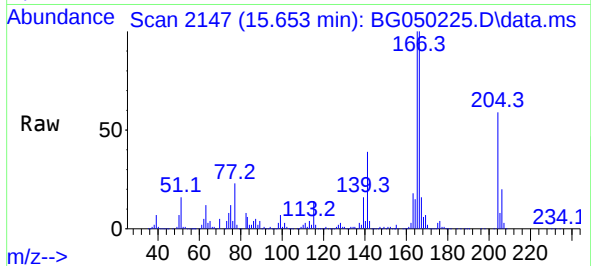


Tgt Ion:166 Resp: 892838
Ion Ratio Lower Upper
166 100
165 98.5 83.3 124.9
167 14.6 11.8 17.6

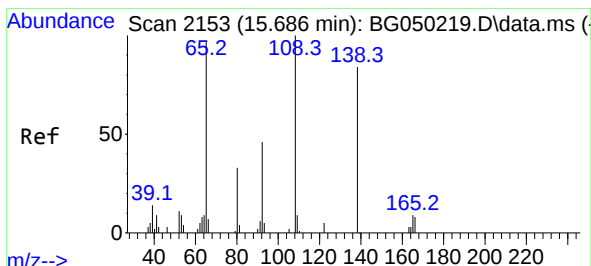
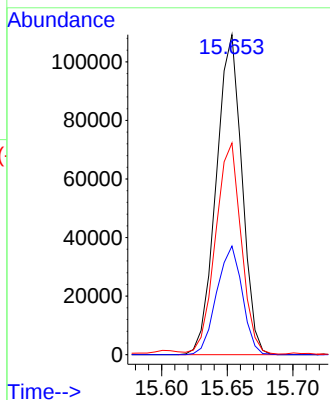
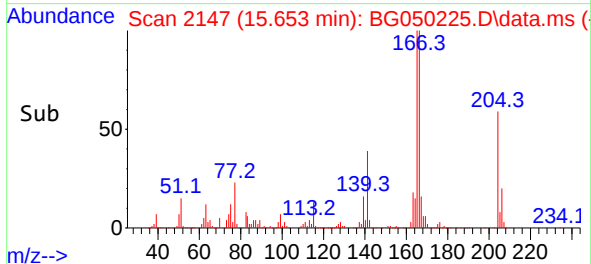




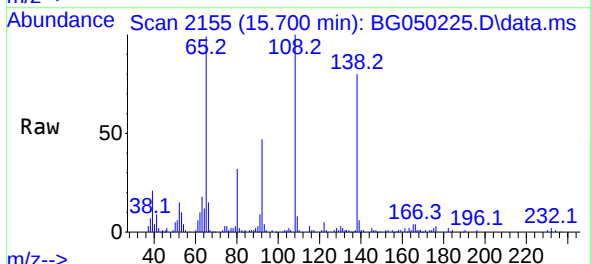
#62
4-Chlorophenyl-phenylether
Concen: 39.094 ng/ul
RT: 15.653 min Scan# 2147
Delta R.T. 0.002 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



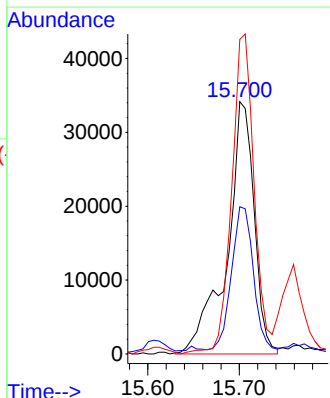
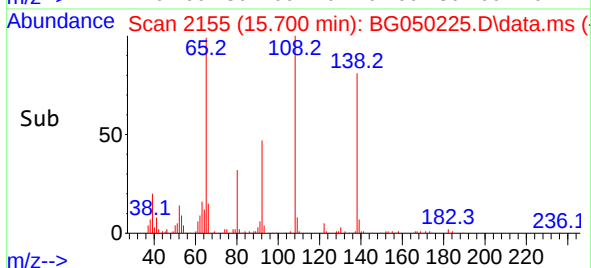
Tgt Ion:204 Resp: 148769
Ion Ratio Lower Upper
204 100
206 33.9 25.4 38.2
141 66.1 51.8 77.6



#63
4-Nitroaniline
Concen: 52.375 ng/ul m
RT: 15.700 min Scan# 2155
Delta R.T. 0.007 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



Tgt Ion:138 Resp: 70521
Ion Ratio Lower Upper
138 100
92 58.3 50.0 75.0
108 124.7 101.8 152.8

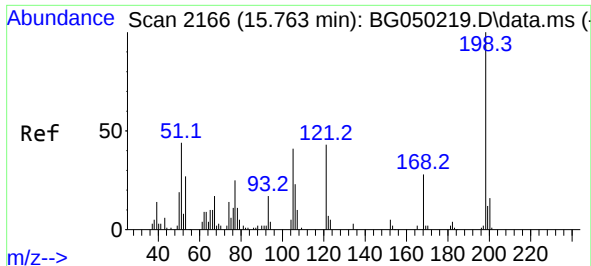


Instrument :
BNA_G
ClientSampleId :
DBKL5MS

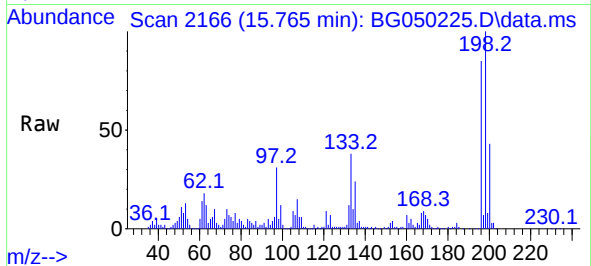
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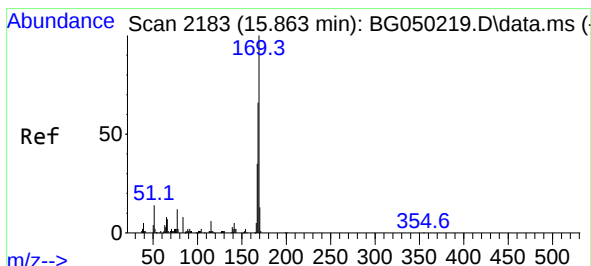
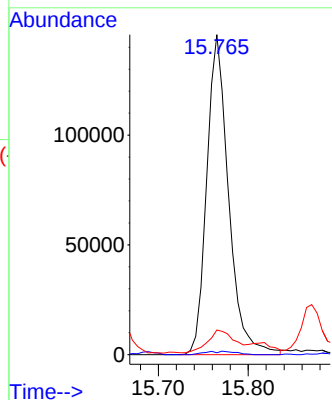
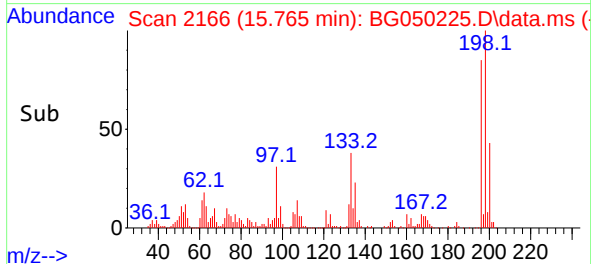
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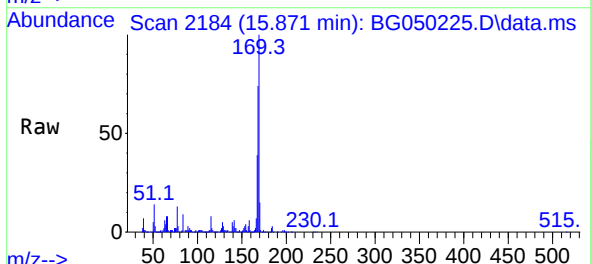
#66
4,6-Dinitro-2-methylphenol
Concen: 207.504 ng/ul
RT: 15.765 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



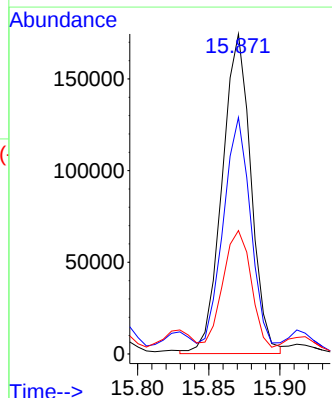
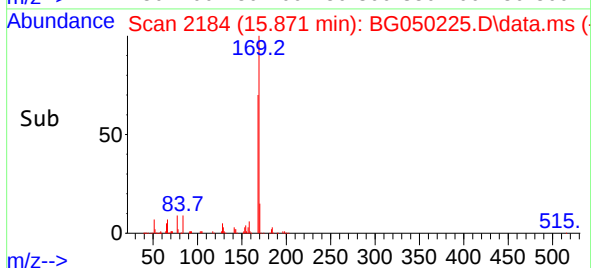
Tgt Ion:198 Resp: 245859
Ion Ratio Lower Upper
198 100
182 0.6 3.0 4.6#
77 7.7 23.4 35.2#



#67
N-Nitrosodiphenylamine
Concen: 41.229 ng/ul
RT: 15.871 min Scan# 2184
Delta R.T. 0.001 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



Tgt Ion:169 Resp: 246558
Ion Ratio Lower Upper
169 100
168 73.9 55.0 82.6
167 38.5 29.0 43.4

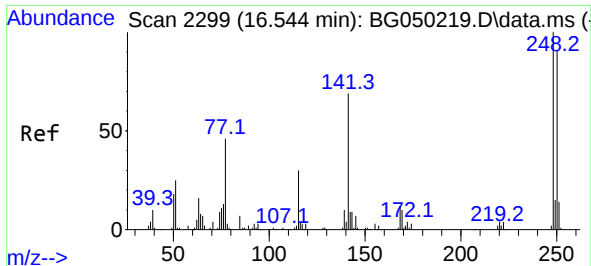


Instrument :
BNA_G
ClientSampleId :
DBKL5MS

Manual Integrations
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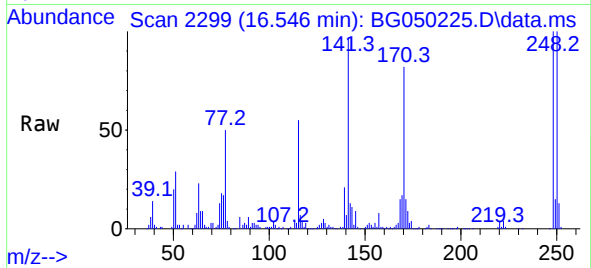
mohammad

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#68
4-Bromophenyl-phenylether
Concen: 40.465 ng/ul
RT: 16.546 min Scan# 2299
Delta R.T. -0.004 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

Instrument :
BNA_G
ClientSampleId :
DBKL5MS

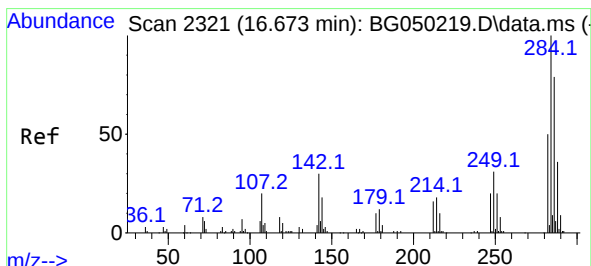
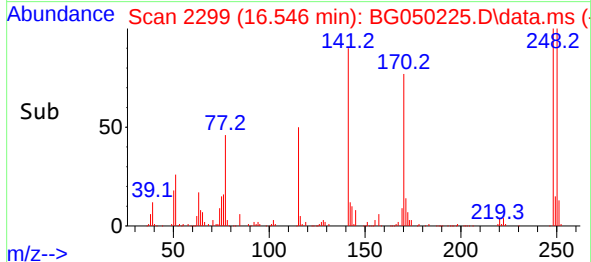
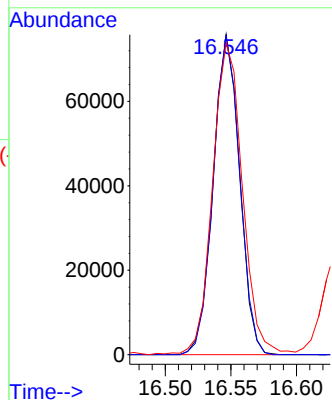


Tgt Ion:248 Resp: 106052
Ion Ratio Lower Upper
248 100
250 99.5 80.2 120.2
141 97.3 60.6 90.8#

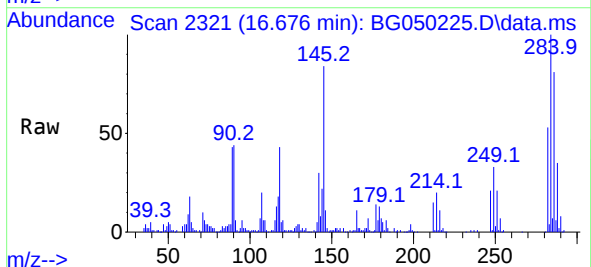
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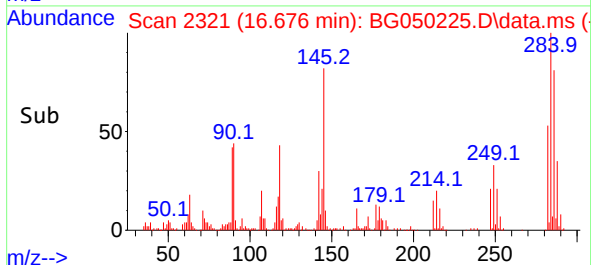
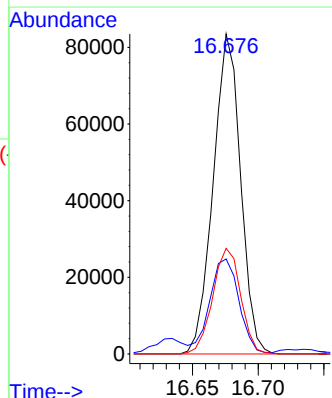
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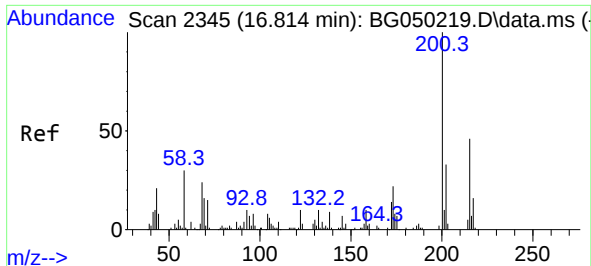


#69
Hexachlorobenzene
Concen: 40.663 ng/ul
RT: 16.676 min Scan# 2321
Delta R.T. 0.002 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



Tgt Ion:284 Resp: 120828
Ion Ratio Lower Upper
284 100
142 29.7 28.7 43.1
249 33.0 25.5 38.3





#70
Atrazine
Concen: 39.481 ng/ul
RT: 16.846 min Scan# 2350
Delta R.T. 0.025 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

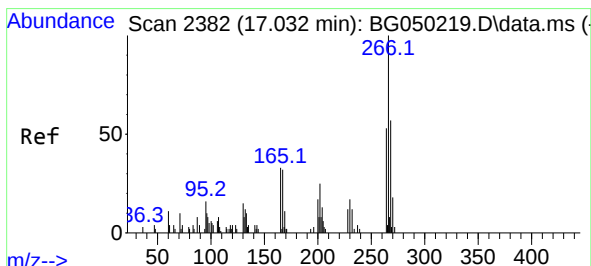
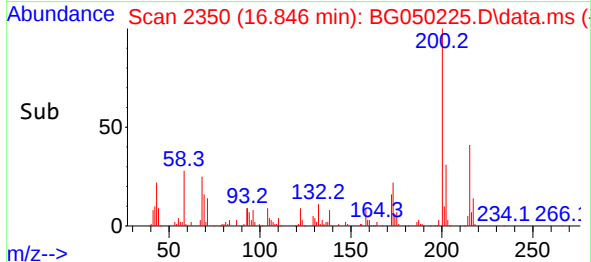
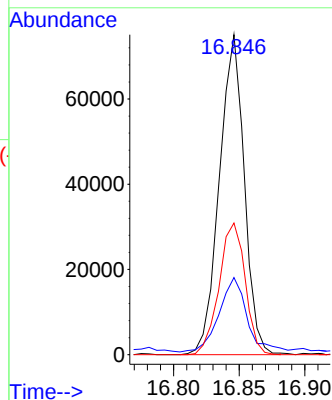
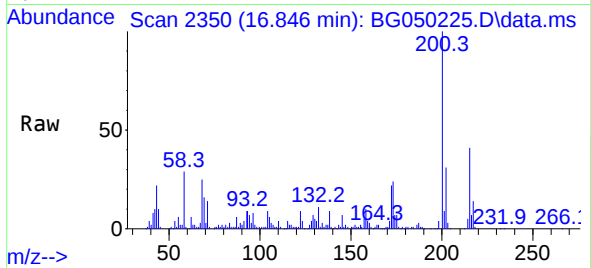
Tgt Ion:	200	Resp:	98997
Ion Ratio	Lower	Upper	
200	100		
173	24.1	19.3	28.9
215	41.1	34.9	52.3

Instrument :
BNA_G
ClientSampleId :
DBKL5MS

Manual Integrations
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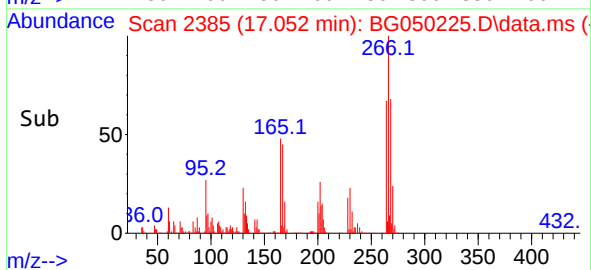
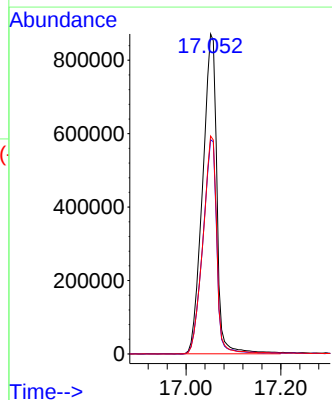
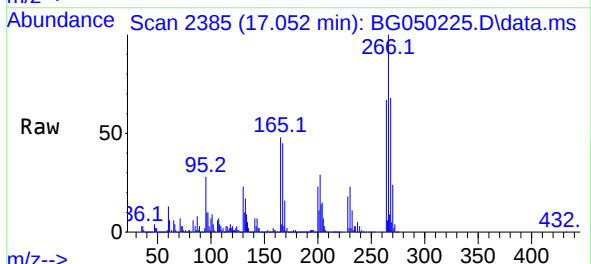
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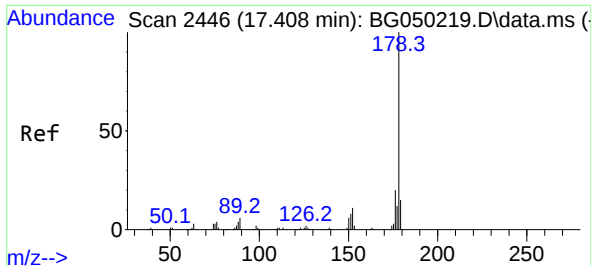
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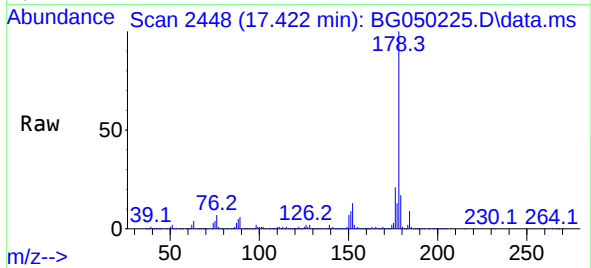
#71
Pentachlorophenol
Concen: 2234.636 ng/ul
RT: 17.052 min Scan# 2385
Delta R.T. 0.013 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

Tgt Ion:	266	Resp:	1818873
Ion Ratio	Lower	Upper	
266	100		
264	66.9	54.1	81.1
268	68.1	52.6	78.8

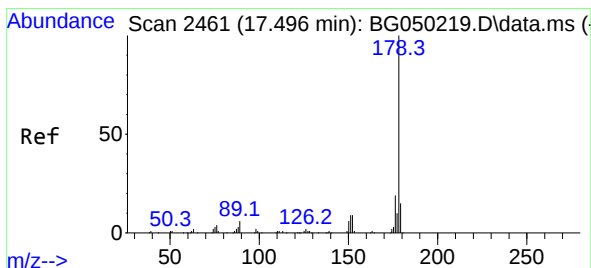
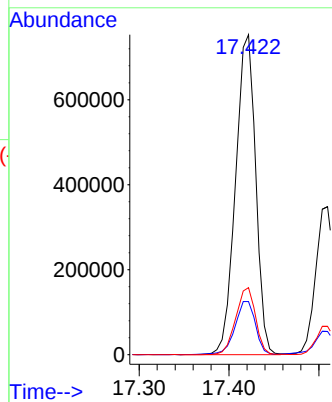
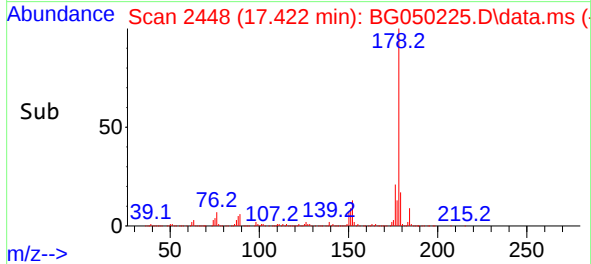




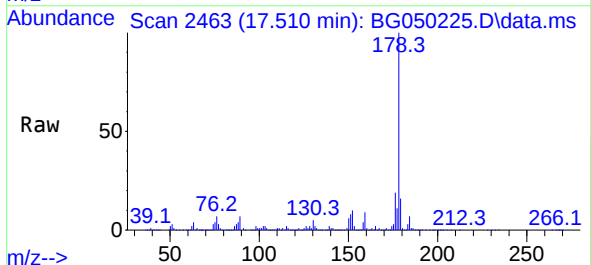
#72
Phenanthrene
Concen: 103.767 ng/u1
RT: 17.422 min Scan# 2448
Delta R.T. 0.007 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



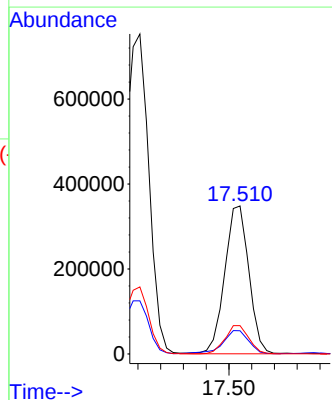
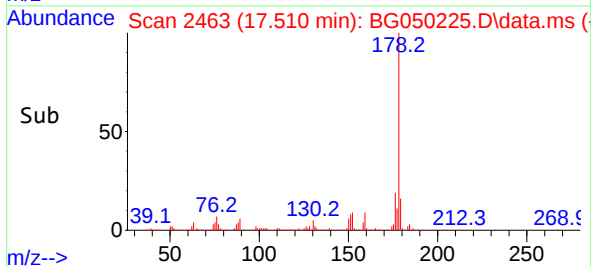
Tgt Ion:178 Resp: 1170478
Ion Ratio Lower Upper
178 100
179 16.6 11.7 17.5
176 21.0 16.2 24.2



#74
Anthracene
Concen: 44.973 ng/u1
RT: 17.510 min Scan# 2463
Delta R.T. 0.007 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



Tgt Ion:178 Resp: 514382
Ion Ratio Lower Upper
178 100
179 15.7 11.4 17.0
176 19.1 12.8 19.2

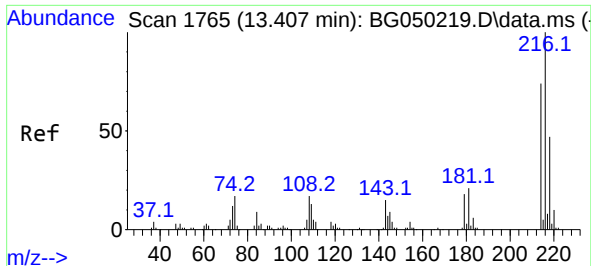


Instrument :
BNA_G
ClientSampleId :
DBKL5MS

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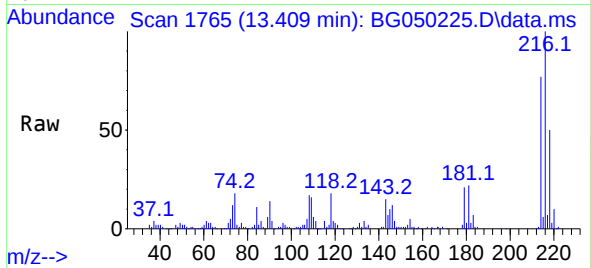
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#75
1,2,3,4-Tetrachlorobenzene
Concen: 39.383 ng/uL
RT: 13.409 min Scan# 1765
Delta R.T. -0.004 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

Instrument :
BNA_G
ClientSampleId :
DBKL5MS

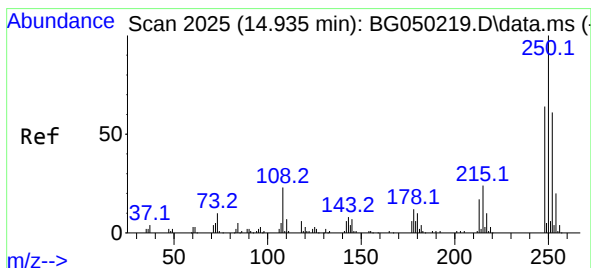
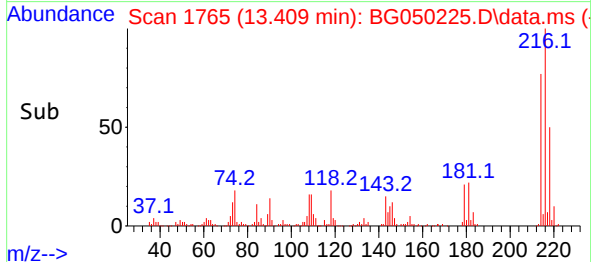
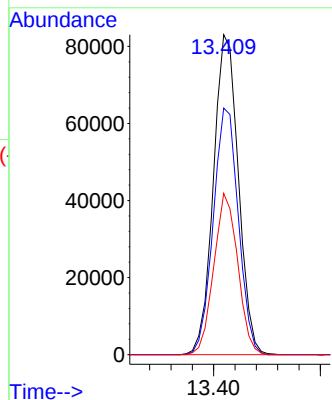


Tgt Ion:216 Resp: 134982
Ion Ratio Lower Upper
216 100
214 77.1 70.9 106.3
218 50.4 40.9 61.3

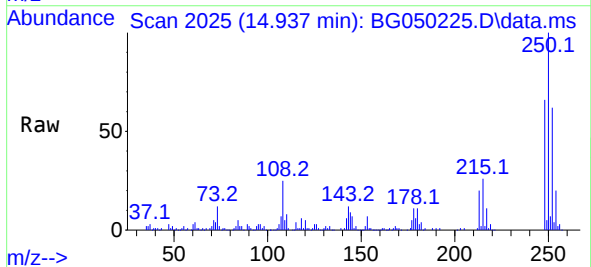
Manual Integrations
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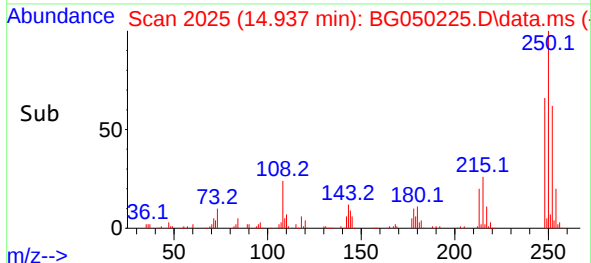
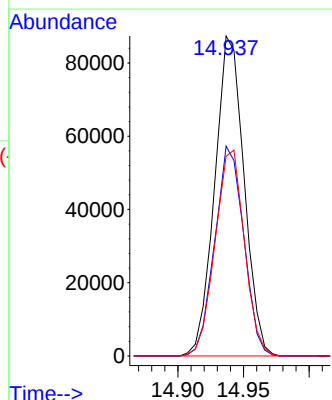
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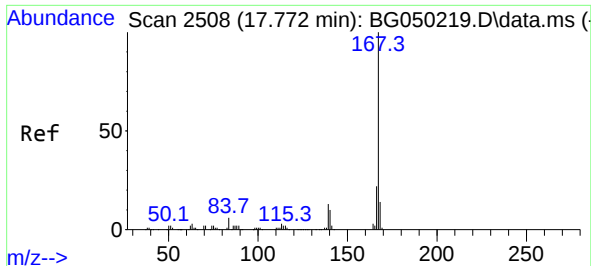


#76
Pentachlorobenzene
Concen: 38.334 ng/uL
RT: 14.937 min Scan# 2025
Delta R.T. -0.004 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



Tgt Ion:250 Resp: 135661
Ion Ratio Lower Upper
250 100
248 65.6 51.5 77.3
252 62.4 47.9 71.9





#77
 Carbazole
 Concen: 284.048 ng/ul
 RT: 17.798 min Scan# 2512
 Delta R.T. 0.019 min
 Lab File: BG050225.D
 Acq: 9 Sep 2021 9:52

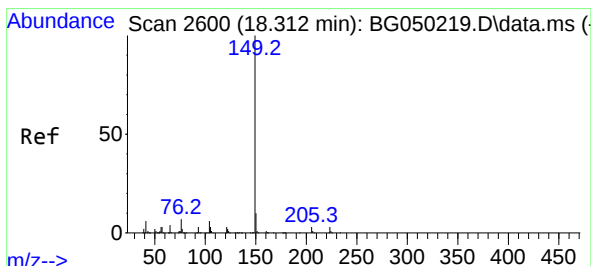
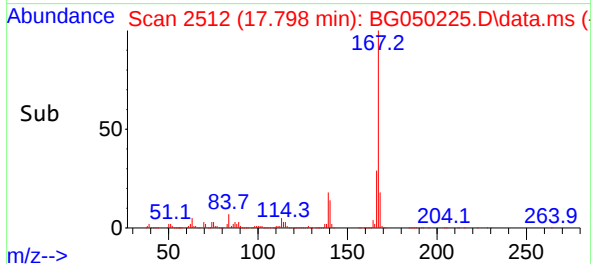
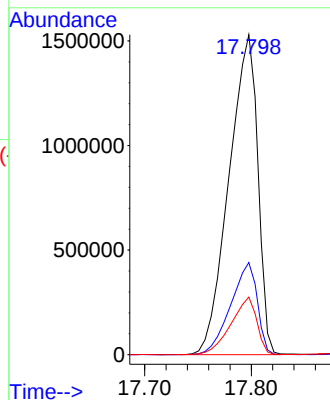
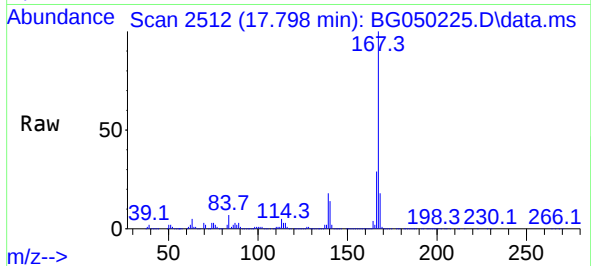
Tgt Ion:167 Resp: 2864223
 Ion Ratio Lower Upper
 167 100
 166 28.8 17.8 26.8#
 139 18.0 11.1 16.7#

Instrument :
 BNA_G
 ClientSampled :
 DBKL5MS

Manual Integrations
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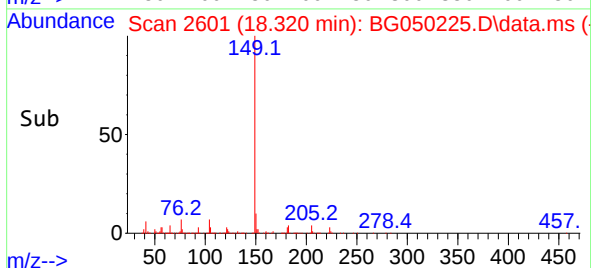
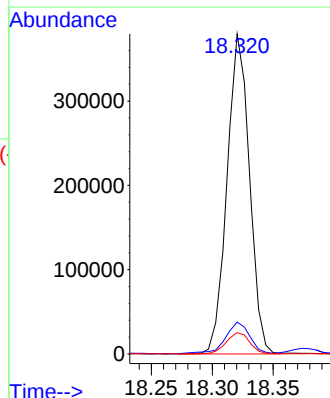
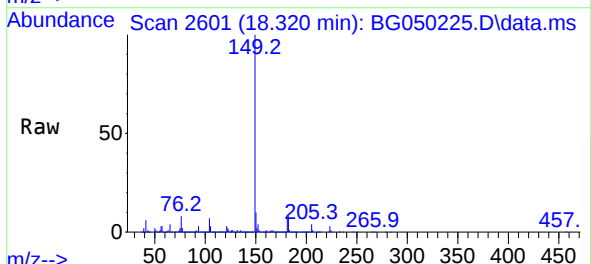
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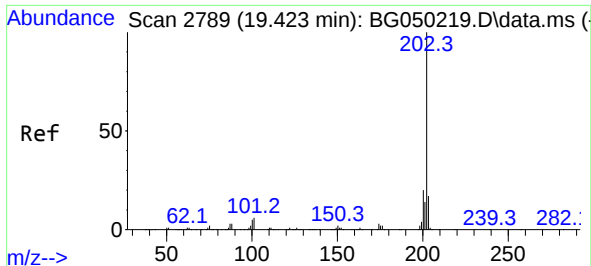
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#78
 Di-n-butylphthalate
 Concen: 39.802 ng/ul
 RT: 18.320 min Scan# 2601
 Delta R.T. 0.002 min
 Lab File: BG050225.D
 Acq: 9 Sep 2021 9:52

Tgt Ion:149 Resp: 485357
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.1 12.1
 104 6.6 5.3 7.9





#80
Fluoranthene
Concen: 40.855 ng/u1
RT: 19.425 min Scan# 2789
Delta R.T. -0.004 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

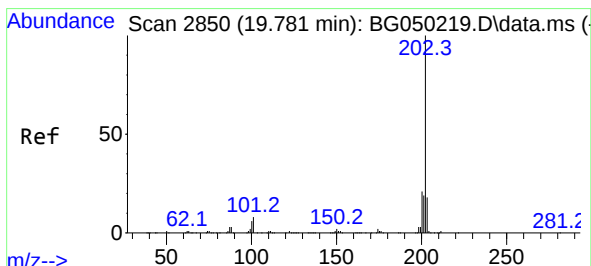
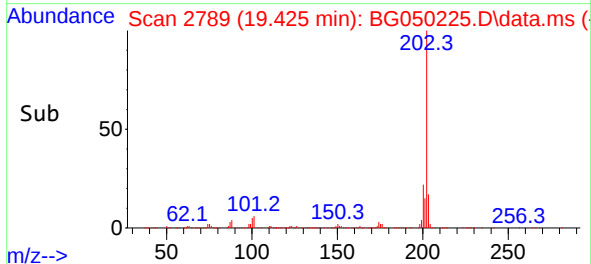
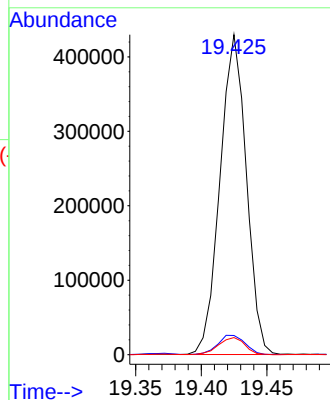
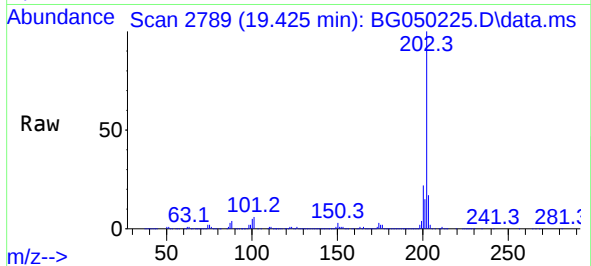
Tgt Ion:202 Resp: 598900
Ion Ratio Lower Upper
202 100
101 6.0 4.3 6.5
100 5.4 3.5 5.3#

Instrument :
BNA_G
ClientSampleId :
DBKL5MS

Manual Integrations
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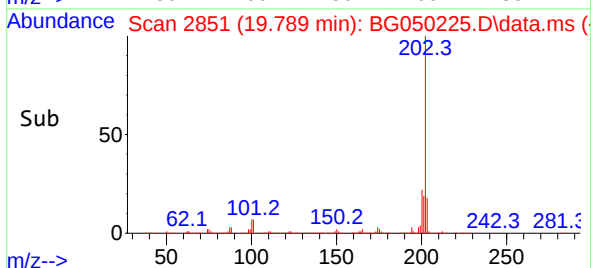
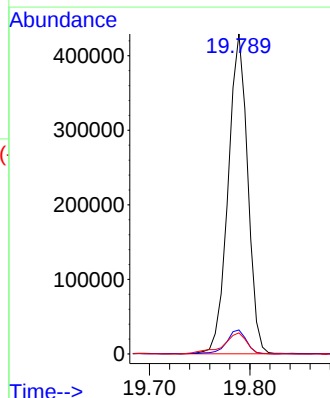
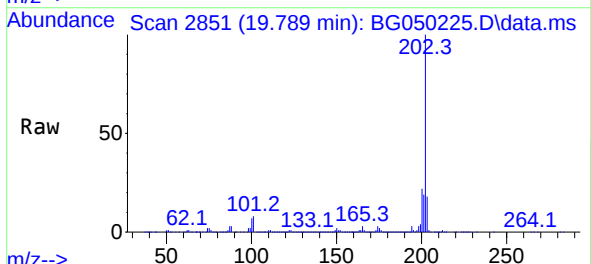
mohammad

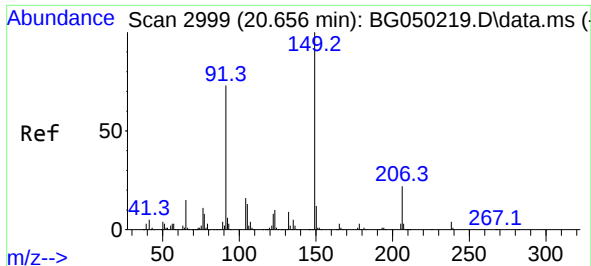
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#82
Pyrene
Concen: 40.227 ng/u1
RT: 19.789 min Scan# 2851
Delta R.T. 0.002 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

Tgt Ion:202 Resp: 578387
Ion Ratio Lower Upper
202 100
101 7.5 5.4 8.0
100 6.6 5.0 7.6





#83
Butylbenzylphthalate
Concen: 42.440 ng/ul
RT: 20.664 min Scan# 3000
Delta R.T. 0.002 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

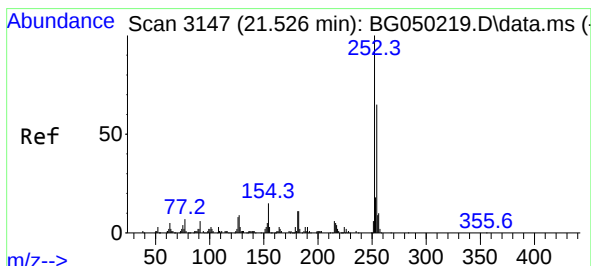
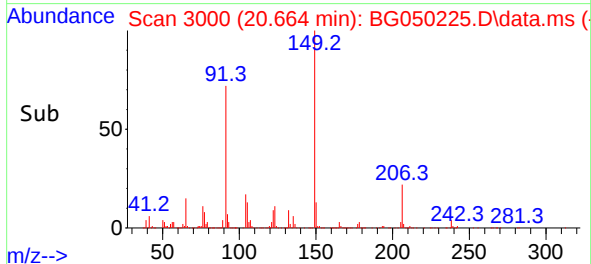
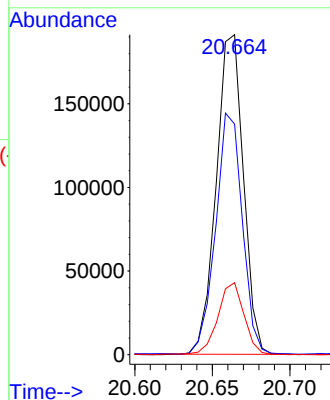
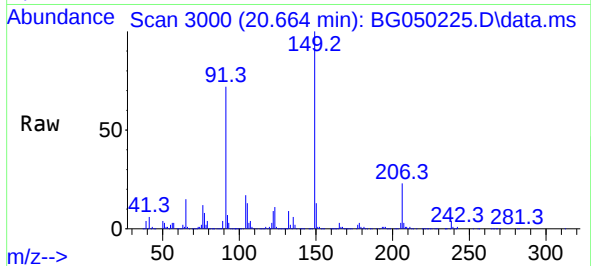
Tgt Ion:	149	Resp:	233373
Ion Ratio	Lower	Upper	
149	100		
91	72.1	60.6	90.8
206	22.5	16.8	25.2

Instrument :
BNA_G
ClientSampled :
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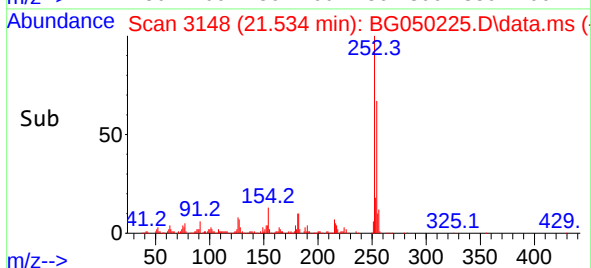
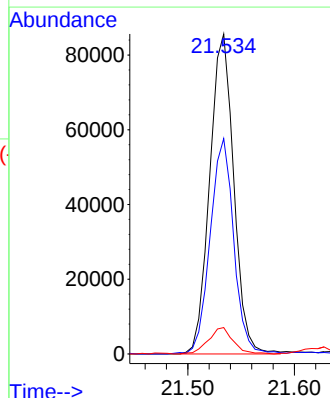
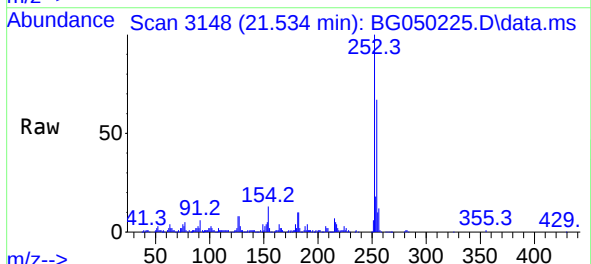
mohammad

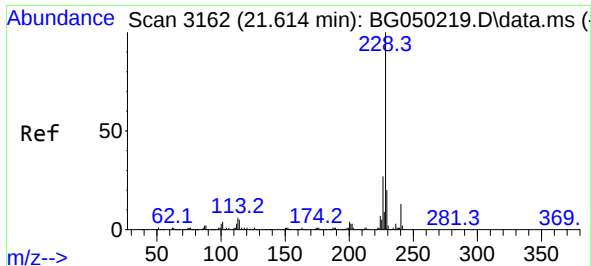
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#84
3,3'-Dichlorobenzidine
Concen: 26.222 ng/ul
RT: 21.534 min Scan# 3148
Delta R.T. 0.002 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

Tgt Ion:	252	Resp:	133927
Ion Ratio	Lower	Upper	
252	100		
254	67.3	54.2	81.2
126	8.2	5.4	8.0#





#85
Benzo(a)anthracene
Concen: 40.223 ng/ul
RT: 21.622 min Scan# 3163
Delta R.T. 0.002 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

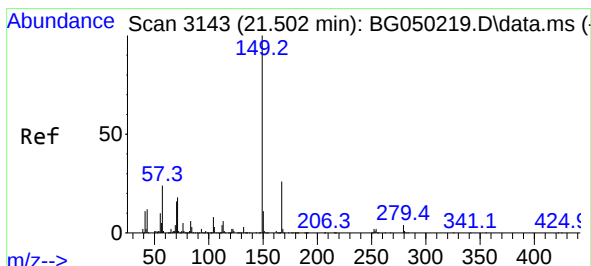
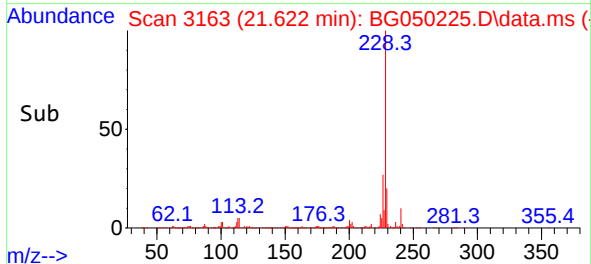
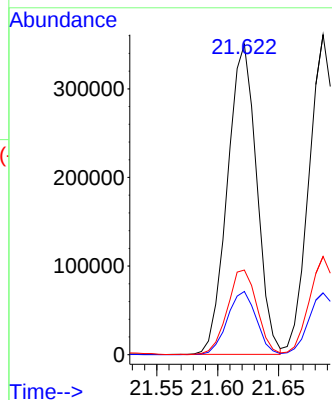
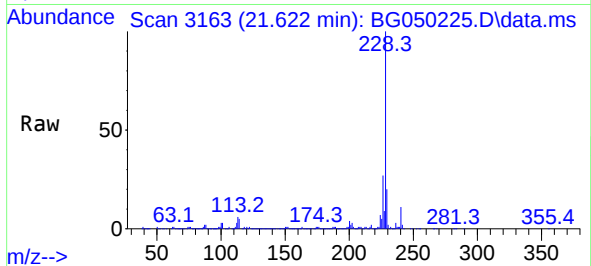
Tgt Ion:228 Resp: 583092
Ion Ratio Lower Upper
228 100
229 20.4 16.2 24.4
226 27.3 21.0 31.4

Instrument :
BNA_G
ClientSampleId :
DBKL5MS

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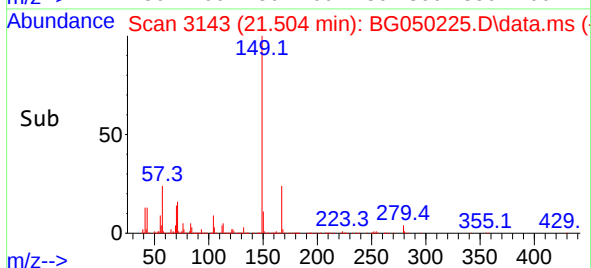
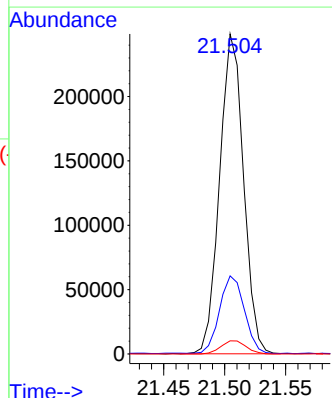
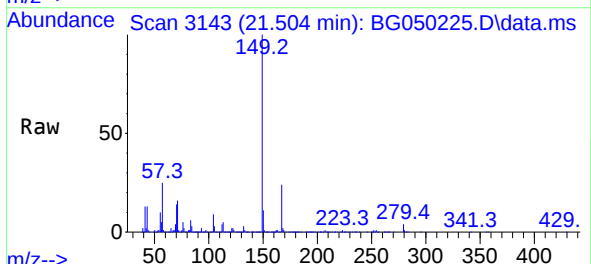
mohammad

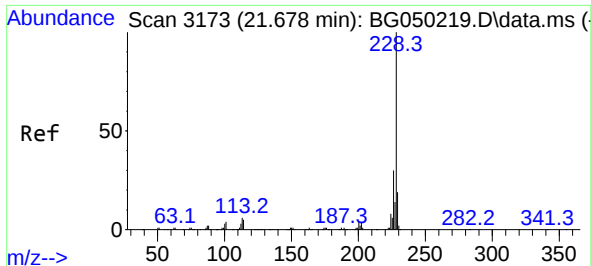
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#86
Bis(2-ethylhexyl)phthalate
Concen: 41.240 ng/ul
RT: 21.504 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

Tgt Ion:149 Resp: 338675
Ion Ratio Lower Upper
149 100
167 24.4 20.4 30.6
279 4.1 3.7 5.5





#87
Chrysene
Concen: 41.114 ng/ul
RT: 21.686 min Scan# 3174
Delta R.T. 0.002 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

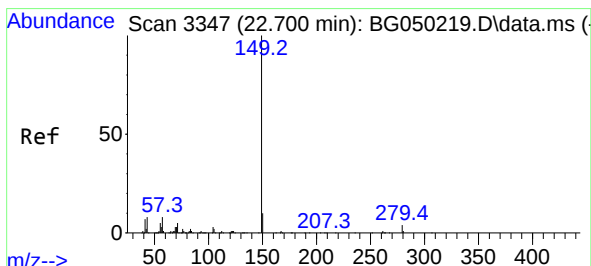
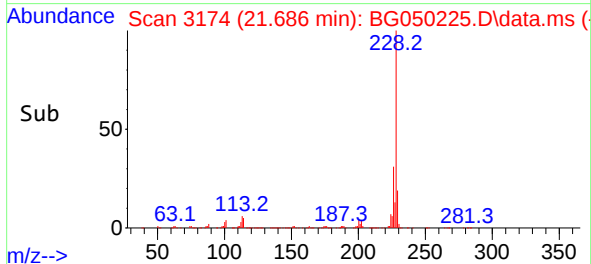
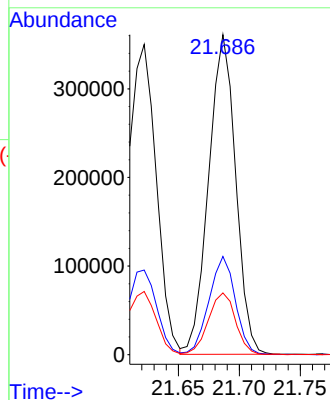
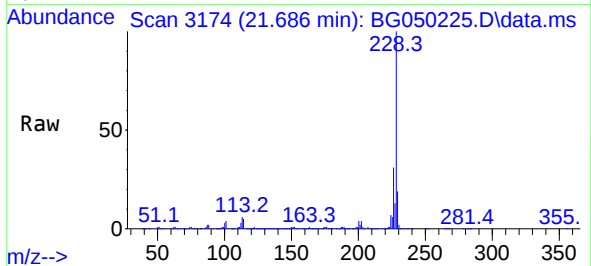
Tgt Ion:228 Resp: 555589
Ion Ratio Lower Upper
228 100
226 30.7 23.0 34.4
229 19.3 17.8 26.6

Instrument :
BNA_G
ClientSampleId :
DBKL5MS

Manual Integrations
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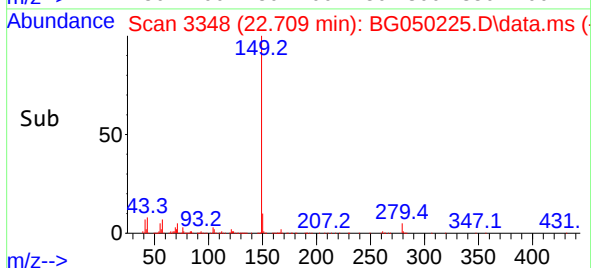
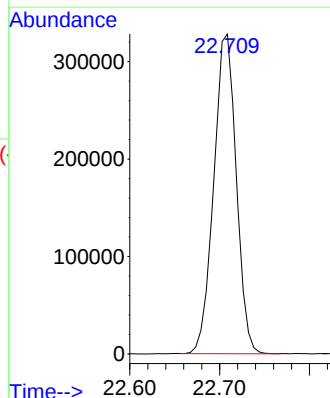
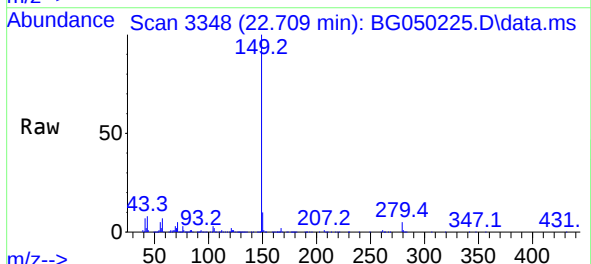
mohammad

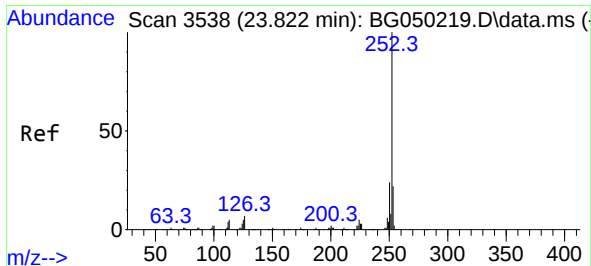
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#89
Di-n-octyl phthalate
Concen: 38.929 ng/ul
RT: 22.709 min Scan# 3348
Delta R.T. 0.002 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

Tgt Ion:149 Resp: 570373





#90
Benzo(b)fluoranthene
Concen: 44.590 ng/ul
RT: 23.837 min Scan# 3540
Delta R.T. 0.002 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

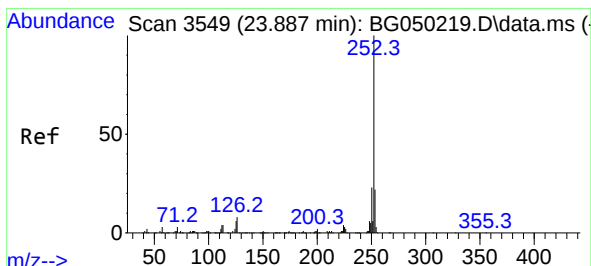
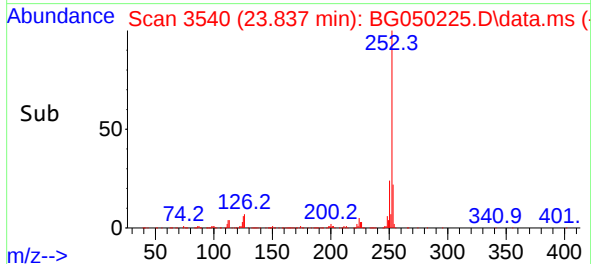
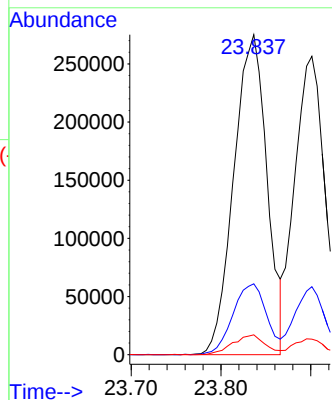
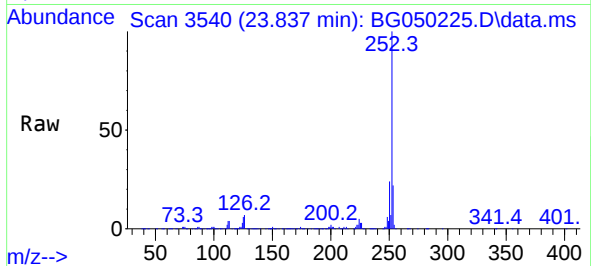
Tgt Ion:252 Resp: 706449
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 6.2 3.4 5.0#

Instrument :
BNA_G
ClientSampleId :
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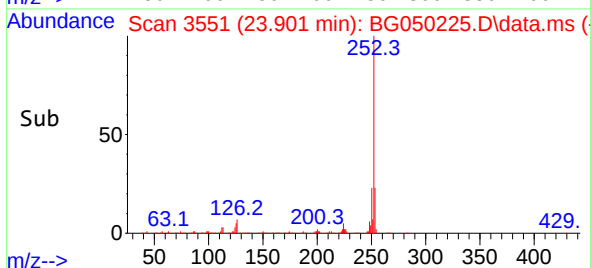
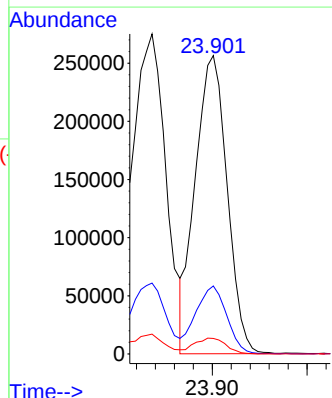
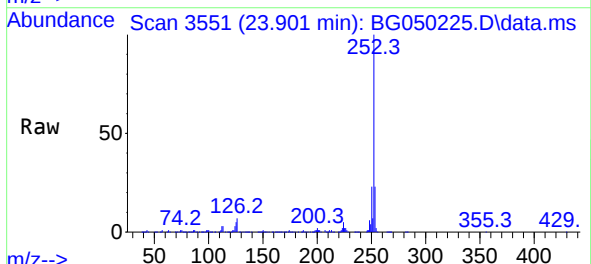
mohammad

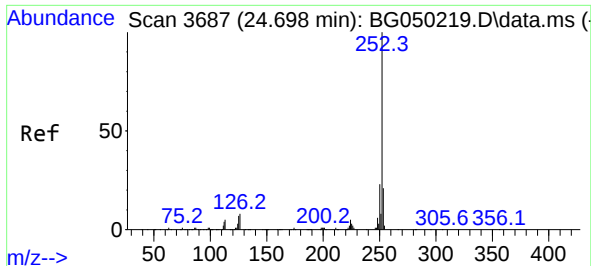
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#91
Benzo(k)fluoranthene
Concen: 39.635 ng/ul
RT: 23.901 min Scan# 3551
Delta R.T. 0.001 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

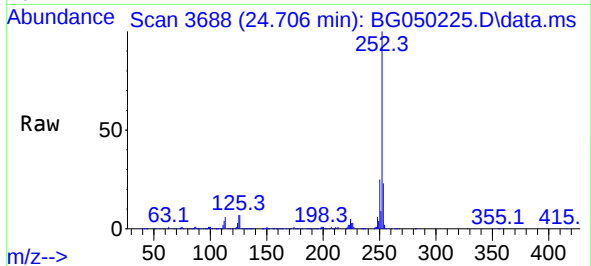
Tgt Ion:252 Resp: 599424
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 5.2 4.1 6.1





#93
Benzo(a)pyrene
Concen: 39.973 ng/ul
RT: 24.706 min Scan# 3688
Delta R.T. -0.004 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

Instrument :
BNA_G
ClientSampleId :
DBKL5MS

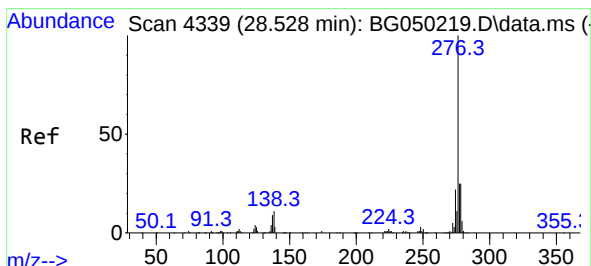
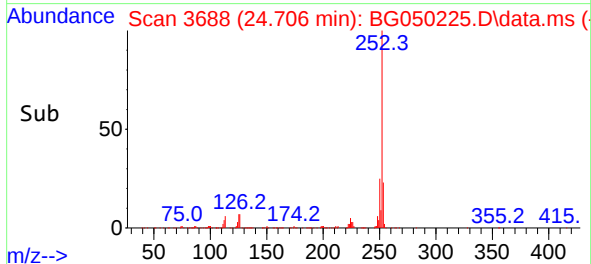
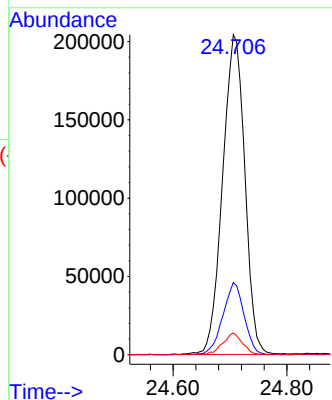


Tgt Ion:252 Resp: 553651
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.4
125 6.8 4.4 6.6#

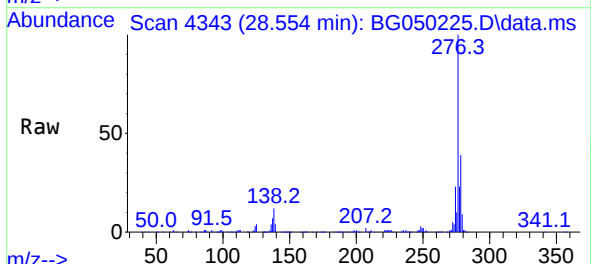
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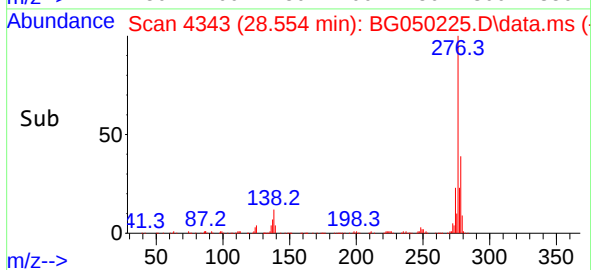
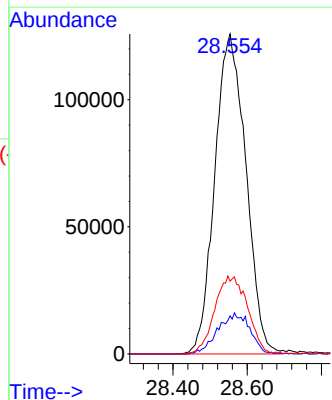
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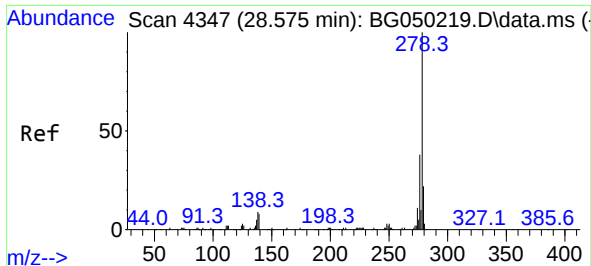


#94
Indeno(1,2,3-cd)pyrene
Concen: 40.309 ng/ul
RT: 28.554 min Scan# 4343
Delta R.T. 0.007 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52



Tgt Ion:276 Resp: 731567
Ion Ratio Lower Upper
276 100
138 11.9 5.5 8.3#
277 22.7 18.6 27.8





#95
Dibenzo(a,h)anthracene
Concen: 40.207 ng/ul
RT: 28.601 min Scan# 4351
Delta R.T. 0.002 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

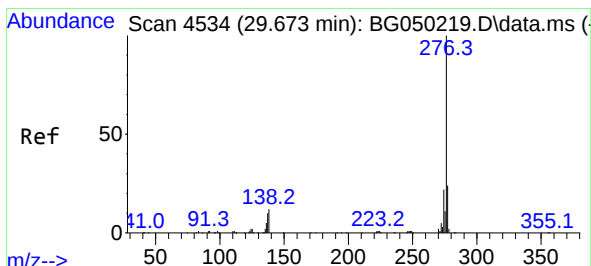
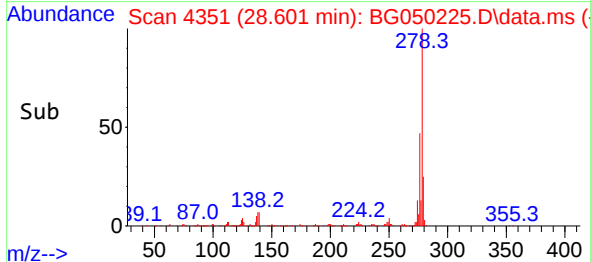
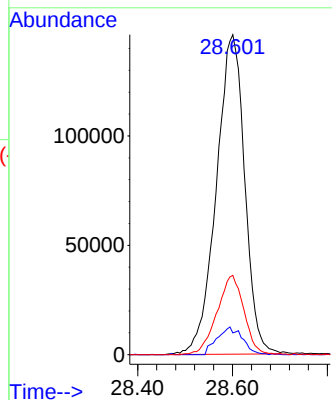
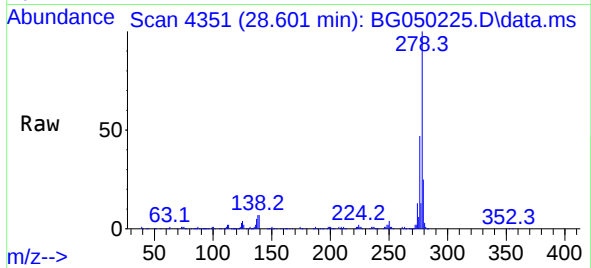
Tgt Ion:278 Resp: 605339
Ion Ratio Lower Upper
278 100
139 6.8 5.2 7.8
279 24.8 19.0 28.4

Instrument :
BNA_G
ClientSampleId :
DBKL5MS

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#96
Benzo(g,h,i)perylene
Concen: 40.038 ng/ul
RT: 29.705 min Scan# 4539
Delta R.T. 0.007 min
Lab File: BG050225.D
Acq: 9 Sep 2021 9:52

Tgt Ion:276 Resp: 582198
Ion Ratio Lower Upper
276 100
138 10.8 8.6 13.0
277 24.9 17.4 26.0

