

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050369.D
 Acq On : 1 Oct 2021 23:54
 Operator : CG/JU
 Sample : M3874-03MSD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7S7MSD

Manual Integrations
 APPROVED

mohammad

10/4/2021 11:50:31 AM

Quant Time: Oct 02 01:19:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	35254	20.00	ng/ul	0.00
20) Naphthalene-d8	11.096	136	147542	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.886	164	97095	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.630	188	215471	20.00	ng/ul	0.00
79) Chrysene-d12	21.931	240	197353	20.00	ng/ul	-0.02
88) Perylene-d12	25.362	264	200621	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.635	96	7316	7.62	ng/uL	0.00
4) Pyridine-d5	4.064	84	60015	20.99	ng/ul	0.00
7) Phenol-d5	7.401	99	129694	42.11	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.583	67	87711	45.25	ng/ul	0.00
11) 2-Chlorophenol-d4	7.794	132	93391	43.27	ng/ul	0.00
15) 4-Methylphenol-d8	8.964	113	90133	38.66	ng/ul	0.00
21) Nitrobenzene-d5	9.440	128	51124	49.53	ng/ul	0.00
24) 2-Nitrophenol-d4	10.162	143	51991	46.93	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.703	165	96269	44.01	ng/ul	0.00
31) 4-Chloroaniline-d4	11.220	131	117777	37.69	ng/ul	0.00
46) Dimethylphthalate-d6	14.281	166	289532	43.57	ng/ul	-0.01
49) Acenaphthylene-d8	14.586	160	369122	44.23	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	51286	40.07	ng/ul	0.00
60) Fluorene-d10	15.873	176	266009	44.43	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.979	200	45463	42.30	ng/ul	0.00
73) Anthracene-d10	17.730	188	397173	43.63	ng/ul	0.00
81) Pyrene-d10	20.004	212	486341	46.34	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.121	264	430861	42.71	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.670	88	23269	20.04	ng/uL	96
5) Pyridine	4.081	79	149630	51.66	ng/ul	92
6) Benzaldehyde	7.401	77	117129m	57.66	ng/ul	
8) Phenol	7.430	94	175457	55.58	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.677	93	128777	54.38	ng/ul	99
12) 2-Chlorophenol	7.830	128	120471	54.56	ng/ul#	94
13) 2-Methylphenol	8.693	108	125797	54.07	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.793	45	202714	57.06	ng/ul	99
16) Acetophenone	9.099	105	199612	53.89	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.075	70	119490	53.68	ng/ul#	95
18) 4-Methylphenol	9.022	108	135537	55.01	ng/ul	97
19) Hexachloroethane	9.363	117	51318	54.08	ng/ul	98
22) Nitrobenzene	9.487	77	176199	56.96	ng/ul	100
23) Isophorone	10.010	82	316718	53.28	ng/ul	100
25) 2-Nitrophenol	10.198	139	68469	60.14	ng/ul	95
26) 2,4-Dimethylphenol	10.239	107	120506	42.64	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.485	93	175961	54.82	ng/ul	98
29) 2,4-Dichlorophenol	10.726	162	118523	54.73	ng/ul	98
30) Naphthalene	11.149	128	395744	52.24	ng/ul	100
32) 4-Chloroaniline	11.249	127	155544	49.44	ng/ul	98
33) Hexachlorobutadiene	11.426	225	79371	50.43	ng/ul	98
34) Caprolactam	12.013	113	42756m	51.10	ng/ul	
35) 4-Chloro-3-methylphenol	12.336	107	141046	55.24	ng/ul	98
36) 2-Methylnaphthalene	12.730	142	278668	54.11	ng/ul	100

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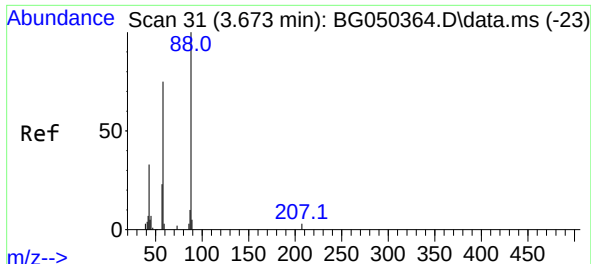
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.947	142	265706	51.25	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.088	216	153224	54.68	ng/ul	96
40) Hexachlorocyclopentadiene	13.065	237	80723	43.44	ng/ul	91
41) 2,4,6-Trichlorophenol	13.323	196	102563	58.07	ng/ul	98
42) 2,4,5-Trichlorophenol	13.394	196	111089	57.50	ng/ul	99
43) 1,1'-Biphenyl	13.723	154	350601	53.66	ng/ul	98
44) 2-Chloronaphthalene	13.770	162	273648	53.46	ng/ul	98
45) 2-Nitroaniline	13.964	65	104107	62.12	ng/ul	93
47) Dimethylphthalate	14.328	163	354632	53.04	ng/ul	99
48) 2,6-Dinitrotoluene	14.451	165	73879	58.74	ng/ul	98
50) Acenaphthylene	14.616	152	416187	49.17	ng/ul	98
51) 3-Nitroaniline	14.786	138	77337	56.53	ng/ul	98
52) Acenaphthene	14.951	153	303634	54.27	ng/ul	98
53) 2,4-Dinitrophenol	14.986	184	44569	56.86	ng/ul	89
55) 4-Nitrophenol	15.068	109	69779	55.14	ng/ul	96
56) Dibenzofuran	15.286	168	427575	52.55	ng/ul	99
57) 2,4-Dinitrotoluene	15.233	165	105494	57.77	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.497	232	91508	55.08	ng/ul	91
59) Diethylphthalate	15.685	149	369056	52.90	ng/ul	98
61) Fluorene	15.932	166	337515	52.14	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.914	204	180806	51.57	ng/ul	93
63) 4-Nitroaniline	15.944	138	77425	56.04	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.997	198	61918	58.28	ng/ul	93
67) N-Nitrosodiphenylamine	16.126	169	297350	54.58	ng/ul	98
68) 4-Bromophenyl-phenylether	16.813	248	109437	54.55	ng/ul	94
69) Hexachlorobenzene	16.931	284	114497	54.20	ng/ul	98
70) Atrazine	17.072	200	123534	53.26	ng/ul	96
71) Pentachlorophenol	17.272	266	77227	55.82	ng/ul	97
72) Phenanthrene	17.677	178	574375	53.40	ng/ul	99
74) Anthracene	17.765	178	551995	51.82	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.693	216	163726	57.64	ng/uL	99
76) Pentachlorobenzene	15.198	250	140317	54.07	ng/uL	98
77) Carbazole	18.030	167	523589	54.92	ng/ul	99
78) Di-n-butylphthalate	18.570	149	627041	55.50	ng/ul	99
80) Fluoranthene	19.669	202	707206	53.66	ng/ul	99
82) Pyrene	20.033	202	688166	52.95	ng/ul	99
83) Butylbenzylphthalate	20.903	149	283939	59.28	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.819	252	211201	51.92	ng/ul	98
85) Benzo(a)anthracene	21.913	228	650180	54.65	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.796	149	420114	61.04	ng/ul	99
87) Chrysene	21.984	228	615498	53.98	ng/ul	100
89) Di-n-octyl phthalate	23.082	149	697302	60.49	ng/ul	100
90) Benzo(b)fluoranthene	24.263	252	673767	55.14	ng/ul	99
91) Benzo(k)fluoranthene	24.340	252	637320	56.05	ng/ul	99
93) Benzo(a)pyrene	25.198	252	585536	50.22	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.287	276	715416	54.65	ng/ul	96
95) Dibenzo(a,h)anthracene	29.363	278	596892	53.58	ng/ul	98
96) Benzo(g,h,i)perylene	30.527	276	590132	53.48	ng/ul	98

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



#2
1,4-Dioxane
Concen: 20.04 ng/uL
RT: 3.670 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG050369.D
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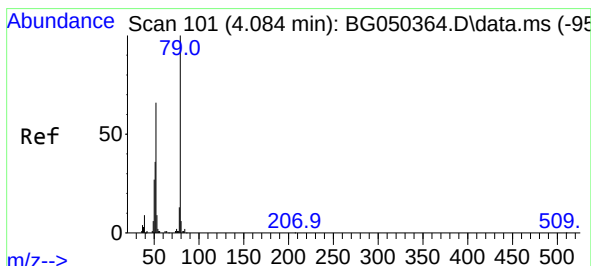
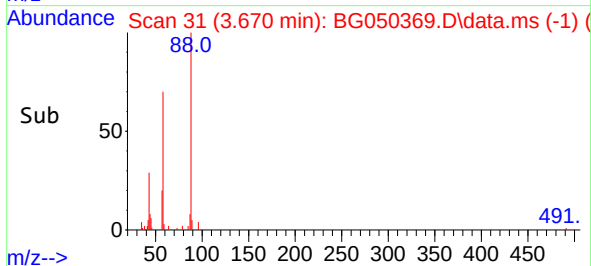
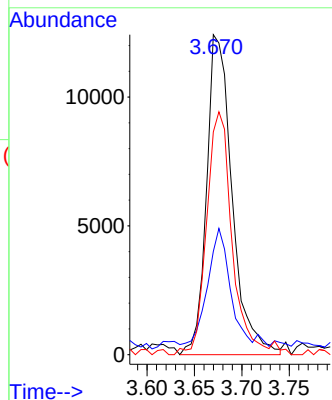
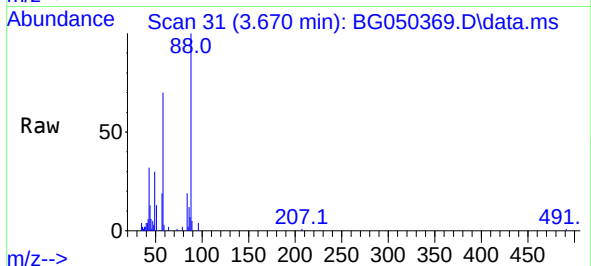
Tgt Ion:	88	Resp:	23269
Ion	Ratio	Lower	Upper
88	100		
43	32.3	23.8	35.8
58	69.6	53.7	80.5

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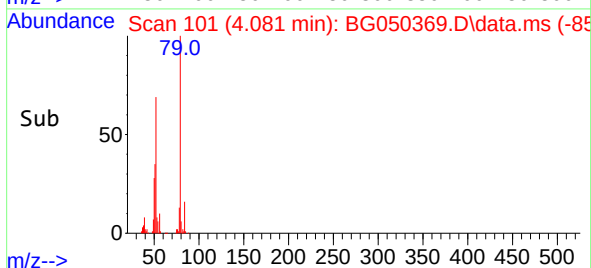
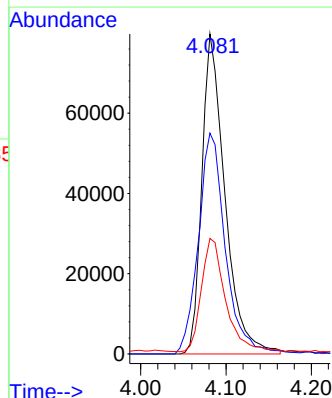
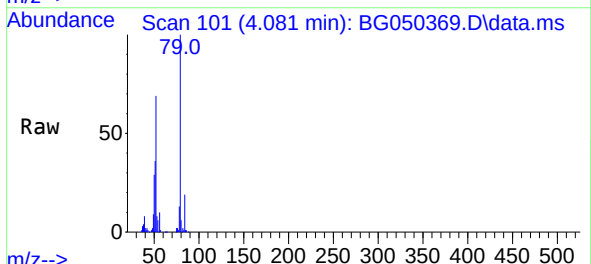
mohammad

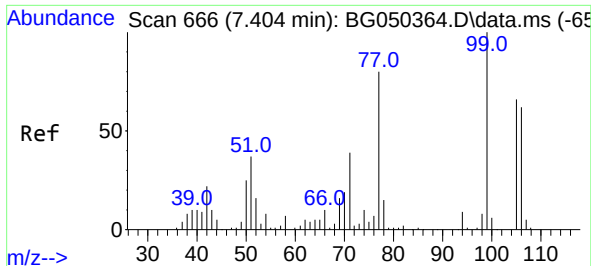
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#5
Pyridine
Concen: 51.66 ng/uL
RT: 4.081 min Scan# 101
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

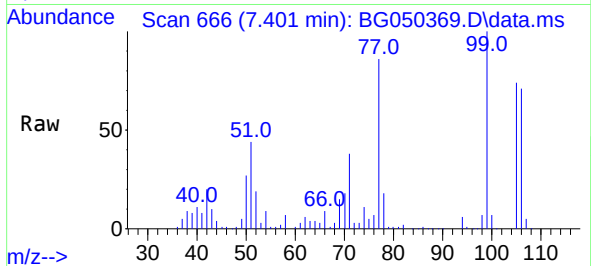
Tgt Ion:	79	Resp:	149630
Ion	Ratio	Lower	Upper
79	100		
52	69.0	61.8	92.8
51	36.1	30.6	45.8





#6
Benzaldehyde
Concen: 57.66 ng/ul m
RT: 7.401 min Scan# 666
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

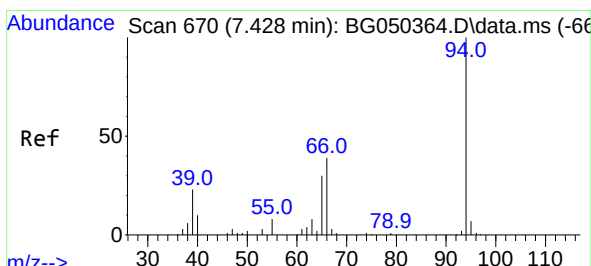
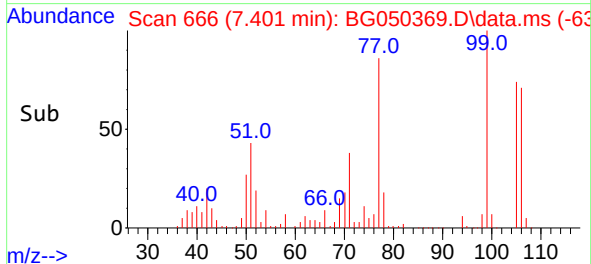
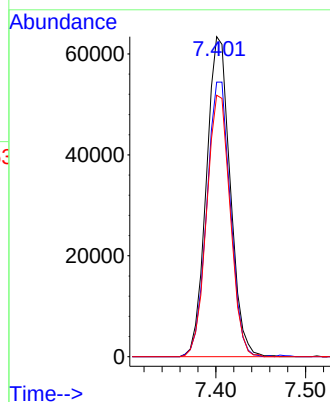


Tgt Ion: 77 Resp: 117129
Ion Ratio Lower Upper
77 100
105 85.8 64.2 96.4
106 81.7 62.1 93.1

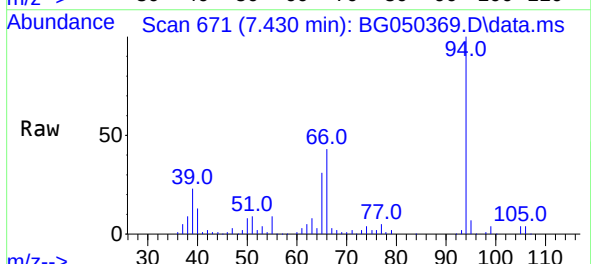
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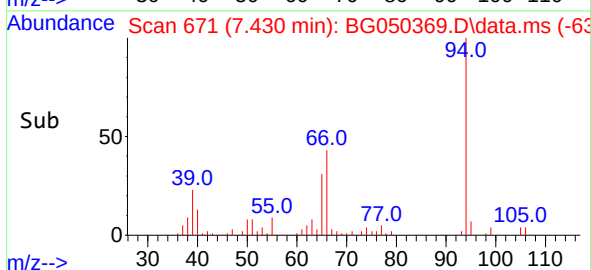
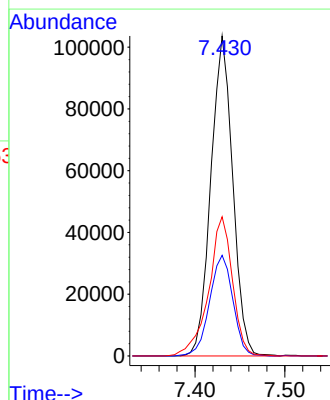
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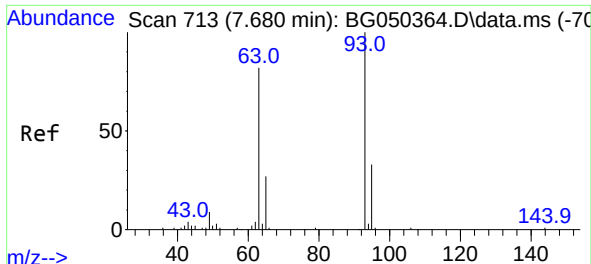


#8
Phenol
Concen: 55.58 ng/ul
RT: 7.430 min Scan# 671
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54



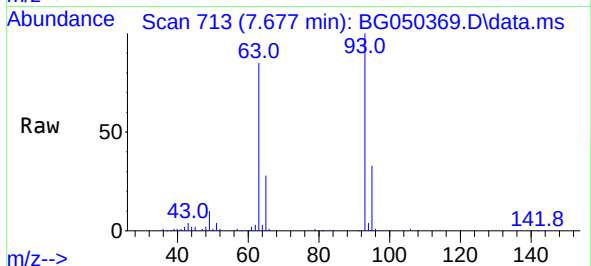
Tgt Ion: 94 Resp: 175457
Ion Ratio Lower Upper
94 100
65 31.4 25.3 37.9
66 43.5 34.9 52.3





#10
Bis(2-Chloroethyl)ether
Concen: 54.38 ng/ul
RT: 7.677 min Scan# 713
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Instrument :
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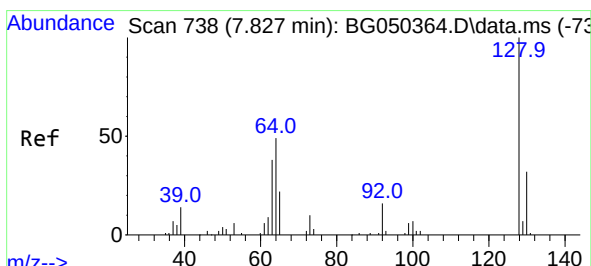
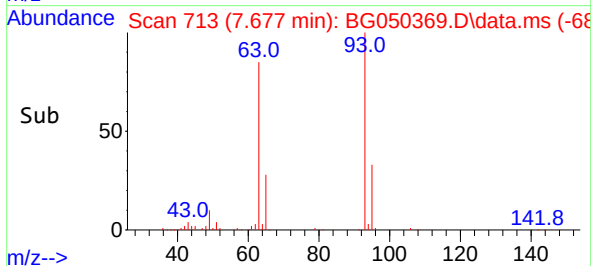
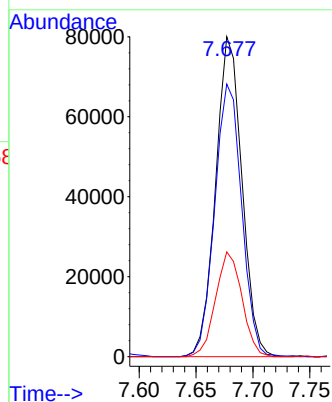
Tgt Ion: 93 Resp: 128777

Ion	Ratio	Lower	Upper
93	100		
63	85.2	66.9	100.3
95	32.7	26.1	39.1

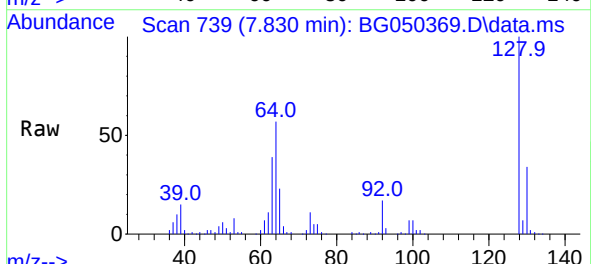
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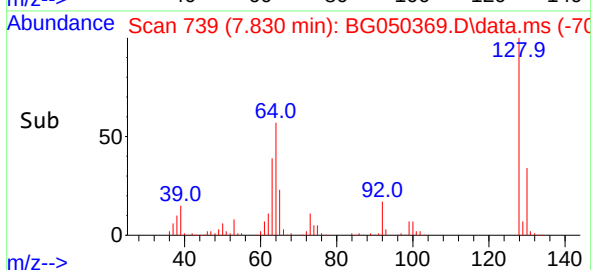
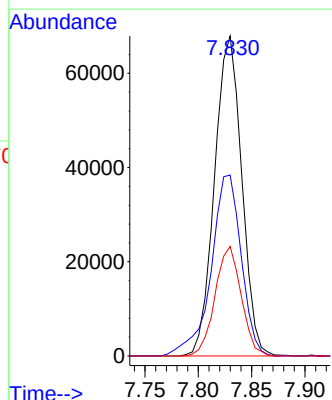


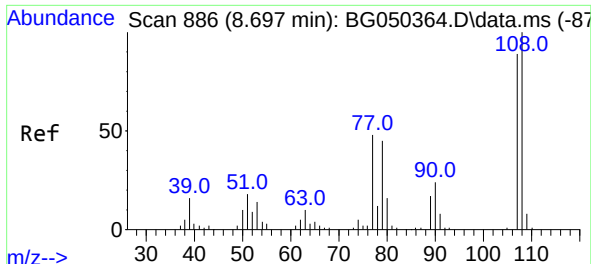
#12
2-Chlorophenol
Concen: 54.56 ng/ul
RT: 7.830 min Scan# 739
Delta R.T. 0.000 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54



Tgt Ion: 128 Resp: 120471

Ion	Ratio	Lower	Upper
128	100		
64	56.5	43.2	64.8
130	34.3	22.4	33.6





#13
2-Methylphenol
Concen: 54.07 ng/ul
RT: 8.693 min Scan# 886
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

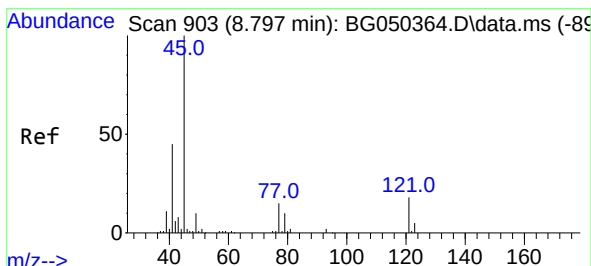
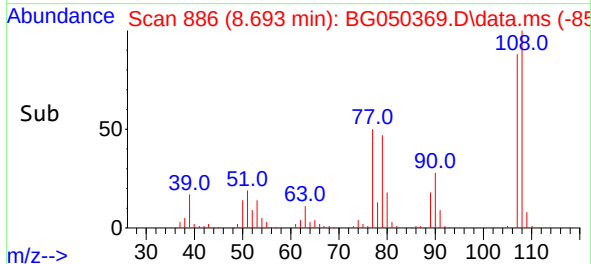
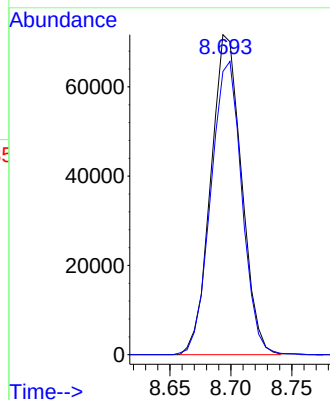
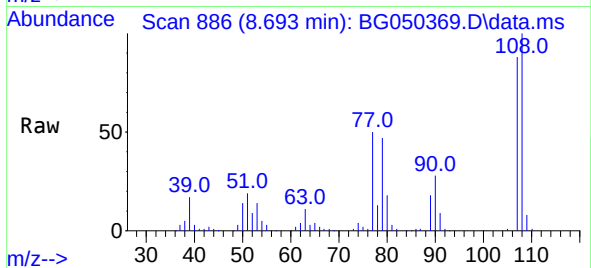
Tgt Ion: 108 Resp: 125797
Ion Ratio Lower Upper
108 100
107 88.5 75.5 113.3

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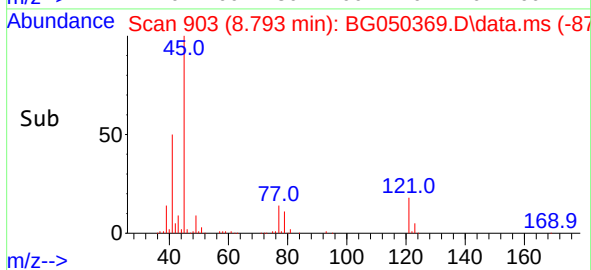
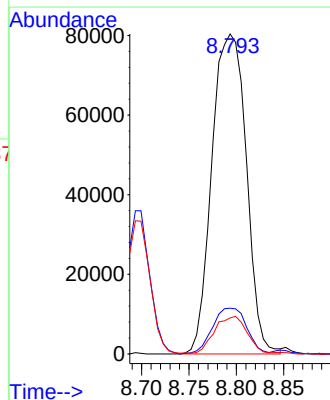
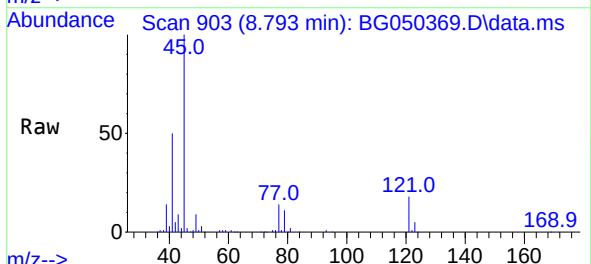
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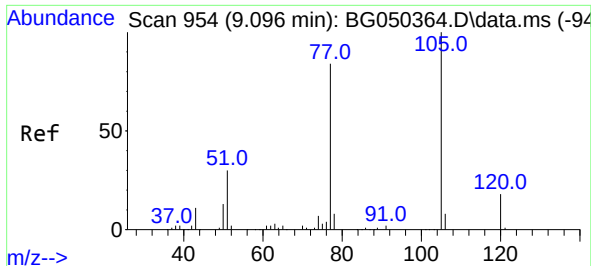
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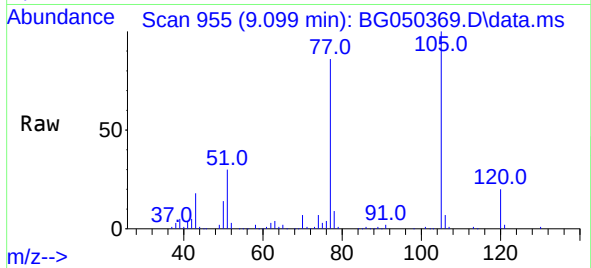
#14
2,2'-oxybis(1-Chloropropane)
Concen: 57.06 ng/ul
RT: 8.793 min Scan# 903
Delta R.T. -0.006 min
Lab File: BG050369.D
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Tgt Ion: 45 Resp: 202714
Ion Ratio Lower Upper
45 100
77 14.3 11.4 17.2
79 11.3 8.6 13.0

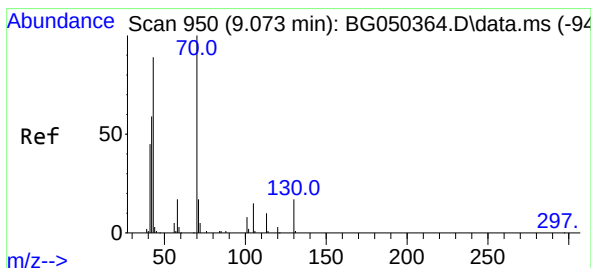
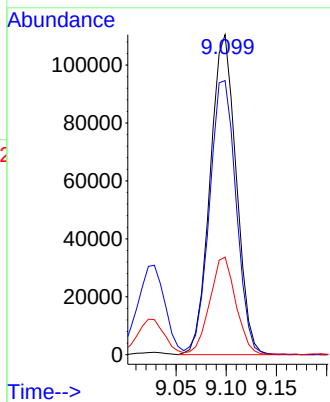
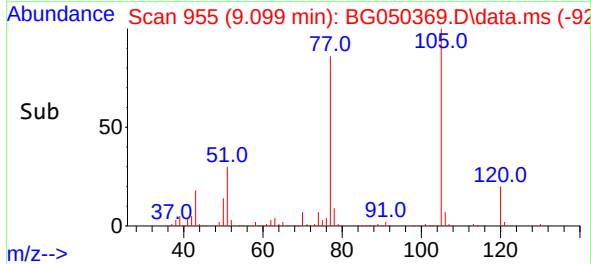




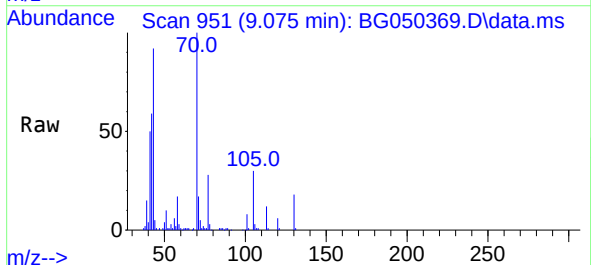
#16
Acetophenone
Concen: 53.89 ng/ul
RT: 9.099 min Scan# 955
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54



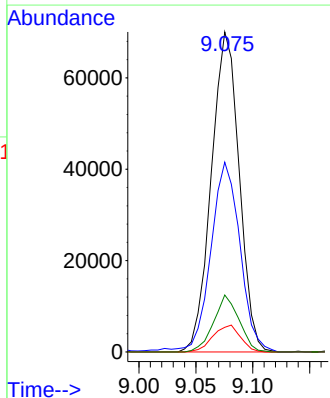
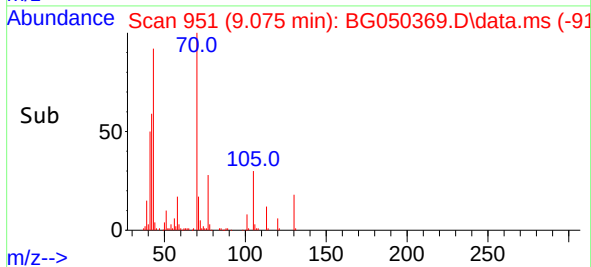
Tgt Ion:105 Resp: 199612
Ion Ratio Lower Upper
105 100
77 85.6 72.1 108.1
51 30.5 24.6 36.8



#17
N-Nitroso-di-n-propylamine
Concen: 53.68 ng/ul
RT: 9.075 min Scan# 951
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54



Tgt Ion: 70 Resp: 119490
Ion Ratio Lower Upper
70 100
42 59.3 50.4 75.6
101 7.7 7.8 11.6#
130 17.8 15.9 23.9

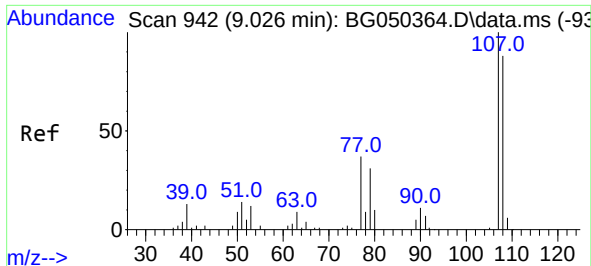


Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

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#18
4-Methylphenol
Concen: 55.01 ng/ul
RT: 9.022 min Scan# 942
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

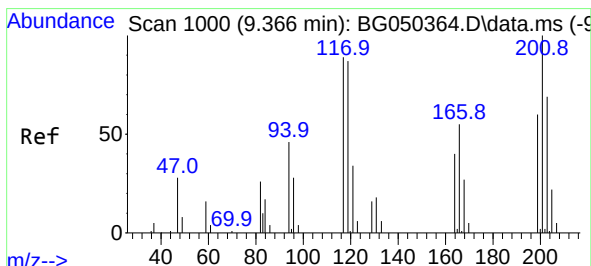
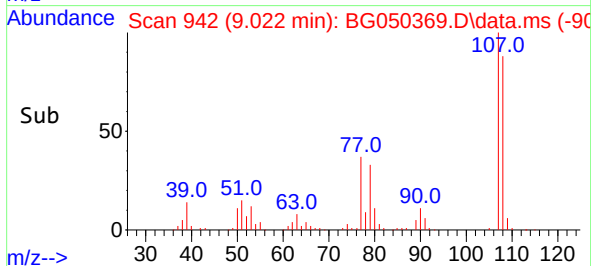
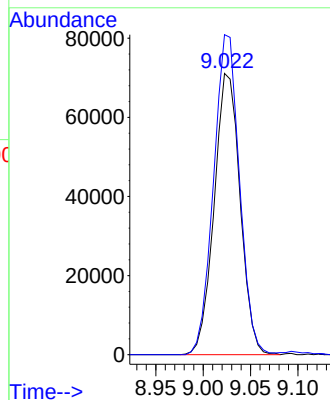
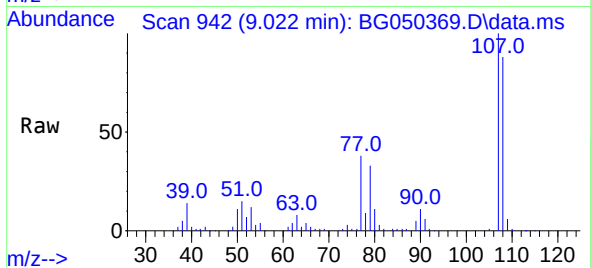
Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

Tgt Ion:108 Resp: 135537
Ion Ratio Lower Upper
108 100
107 113.8 93.8 140.8

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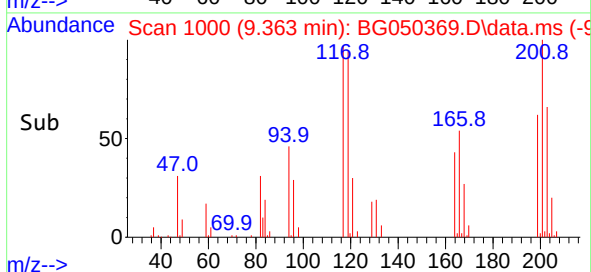
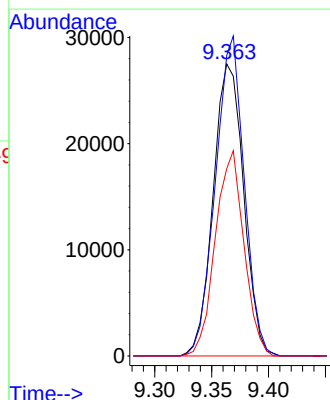
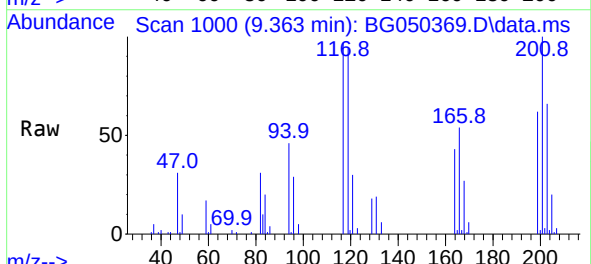
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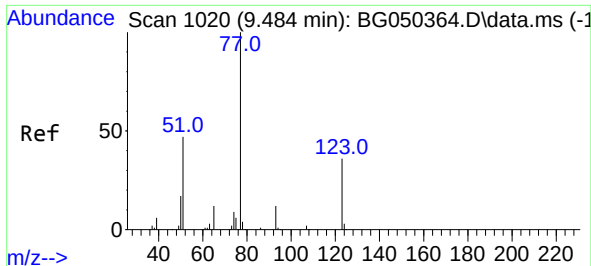
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#19
Hexachloroethane
Concen: 54.08 ng/ul
RT: 9.363 min Scan# 1000
Delta R.T. -0.012 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

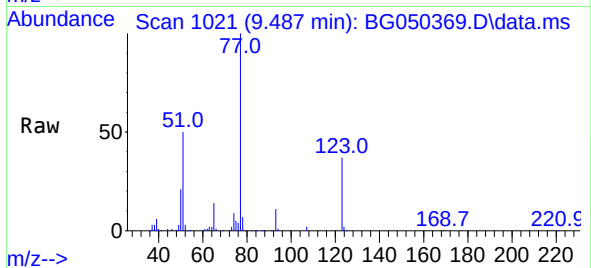
Tgt Ion:117 Resp: 51318
Ion Ratio Lower Upper
117 100
201 103.0 83.0 124.4
199 64.2 53.8 80.6





#22
Nitrobenzene
Concen: 56.96 ng/ul
RT: 9.487 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

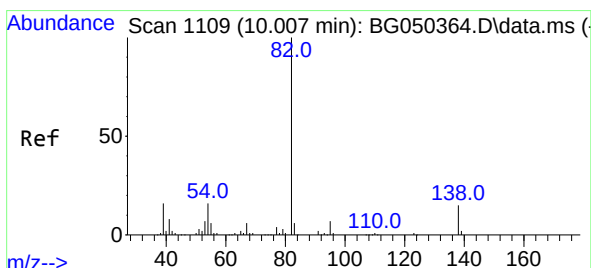
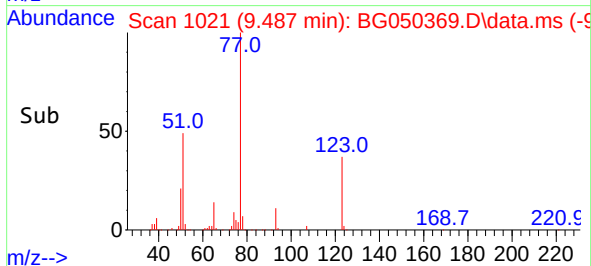
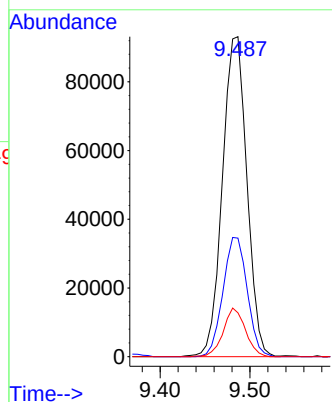


Tgt Ion: 77 Resp: 176199
Ion Ratio Lower Upper
77 100
123 37.0 29.9 44.9
65 13.7 11.0 16.4

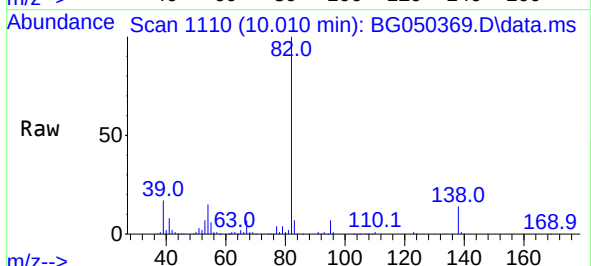
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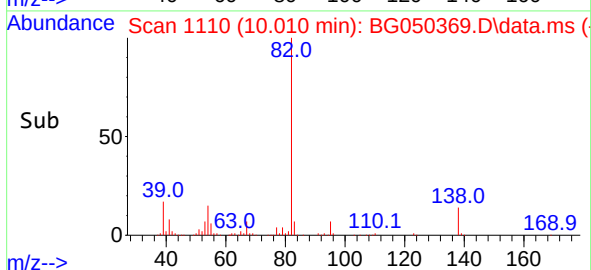
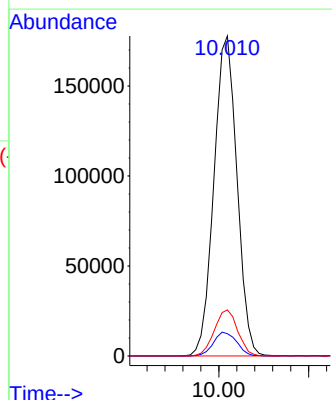
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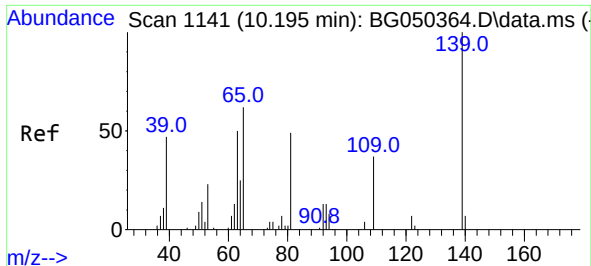


#23
Isophorone
Concen: 53.28 ng/ul
RT: 10.010 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54



Tgt Ion: 82 Resp: 316718
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 14.4 11.6 17.4





#25
2-Nitrophenol
Concen: 60.14 ng/ul
RT: 10.198 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

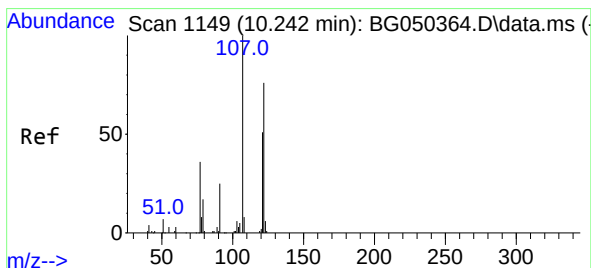
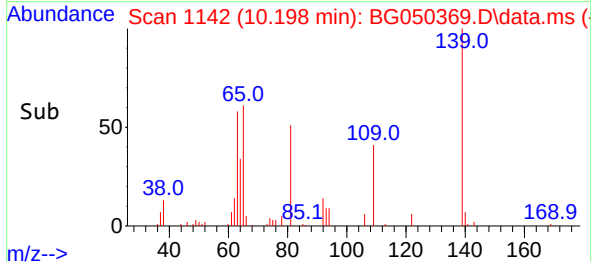
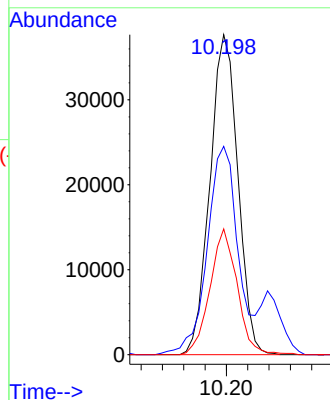
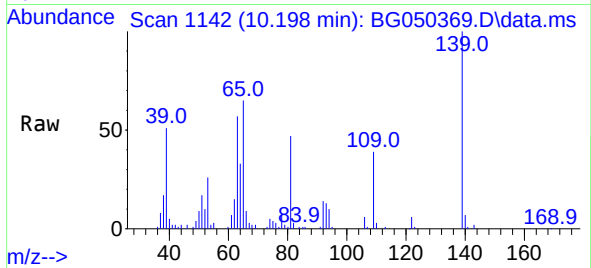
Tgt Ion:	139	Resp:	68469
Ion	Ratio	Lower	Upper
139	100		
65	65.1	49.1	73.7
109	39.3	28.6	42.8

Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

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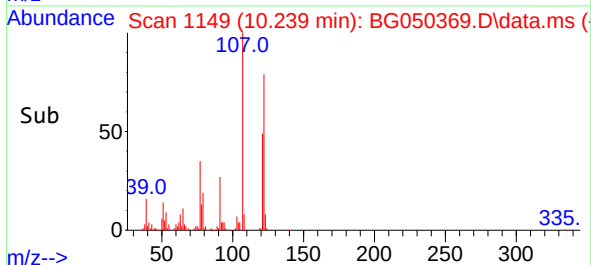
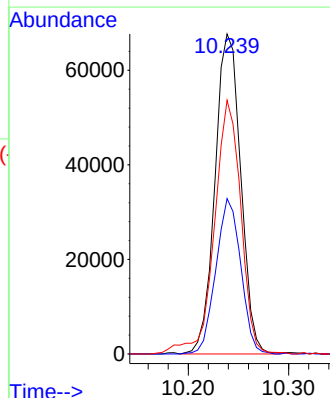
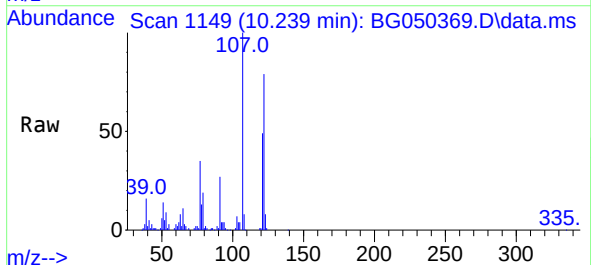
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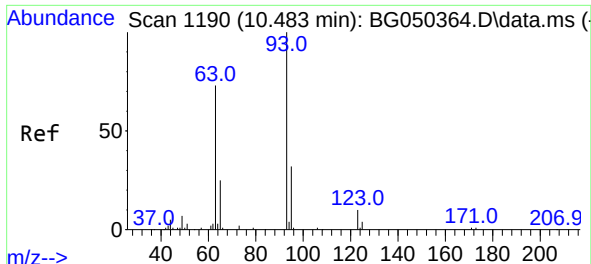
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#26
2,4-Dimethylphenol
Concen: 42.64 ng/ul
RT: 10.239 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

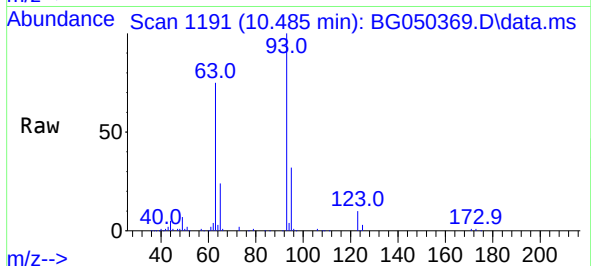
Tgt Ion:	107	Resp:	120506
Ion	Ratio	Lower	Upper
107	100		
121	48.6	39.0	58.6
122	79.2	64.6	97.0





#27
Bis(2-Chloroethoxy)methane
Concen: 54.82 ng/ul
RT: 10.485 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Instrument :
BNA_G
ClientSampled :
EW7S7MSD

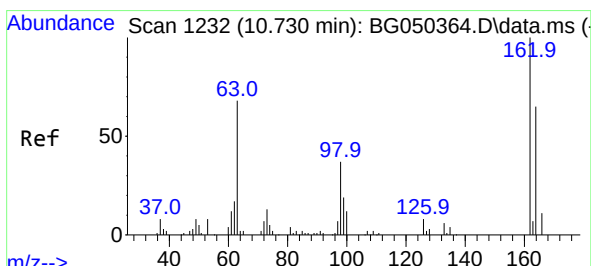
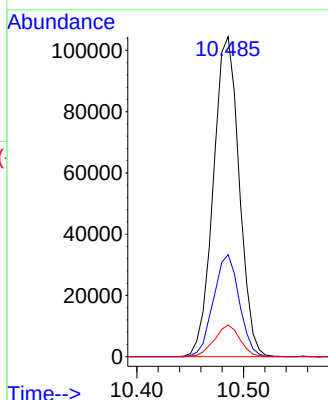
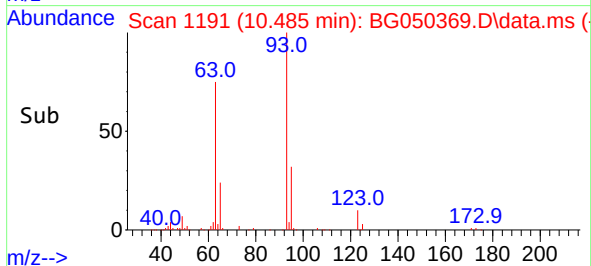


Tgt Ion: 93 Resp: 175961
Ion Ratio Lower Upper
93 100
95 31.9 24.6 37.0
123 9.9 8.3 12.5

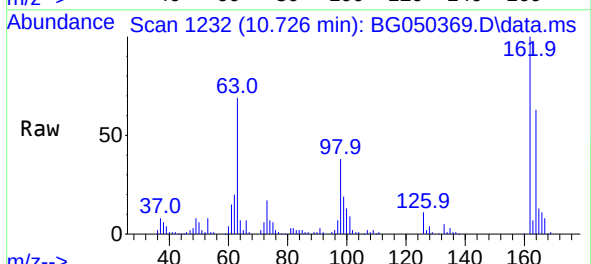
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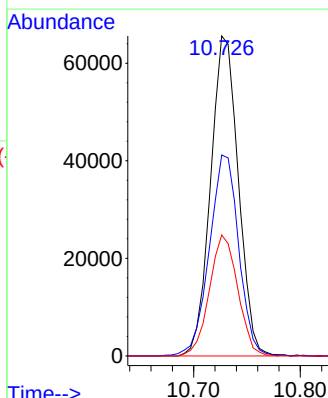
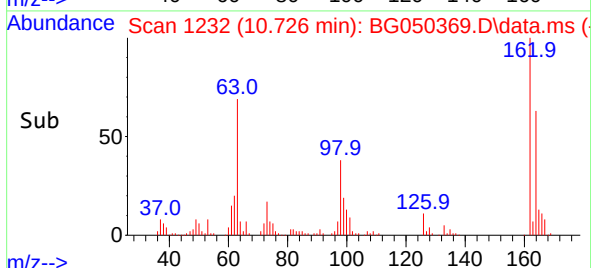
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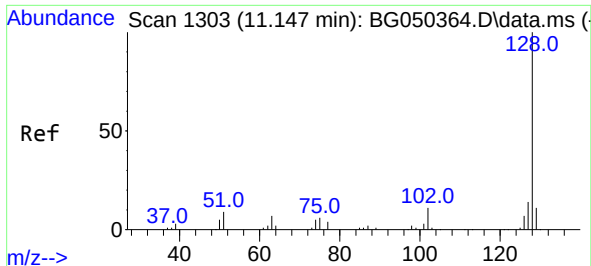


#29
2,4-Dichlorophenol
Concen: 54.73 ng/ul
RT: 10.726 min Scan# 1232
Delta R.T. -0.012 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

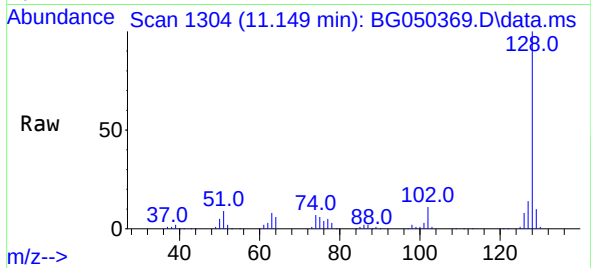


Tgt Ion: 162 Resp: 118523
Ion Ratio Lower Upper
162 100
164 62.8 49.4 74.0
98 37.8 29.0 43.4

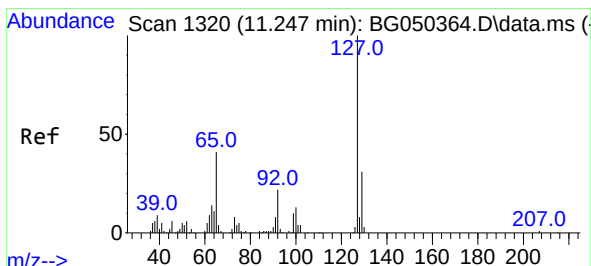
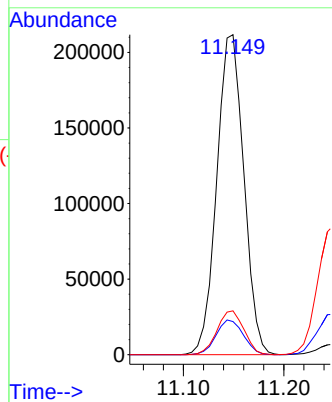
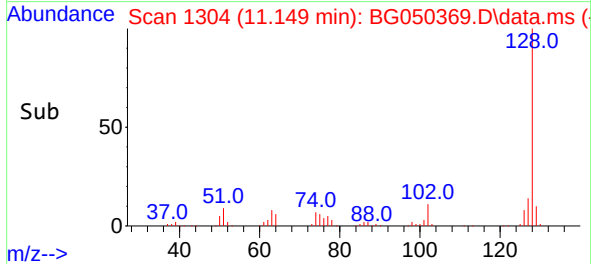




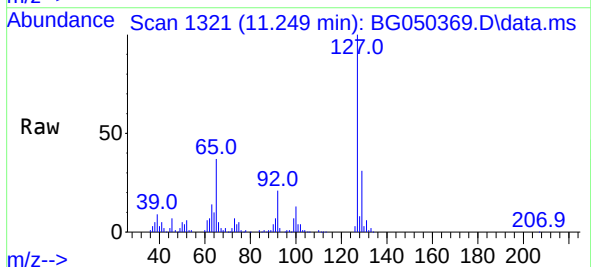
#30
Naphthalene
Concen: 52.24 ng/ul
RT: 11.149 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54



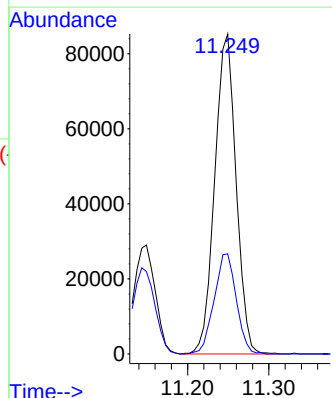
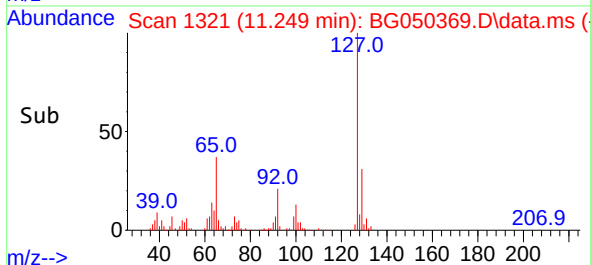
Tgt Ion:128 Resp: 395744
Ion Ratio Lower Upper
128 100
129 10.4 8.2 12.2
127 13.7 11.0 16.4



#32
4-Chloroaniline
Concen: 49.44 ng/ul
RT: 11.249 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54



Tgt Ion:127 Resp: 155544
Ion Ratio Lower Upper
127 100
129 31.3 24.3 36.5

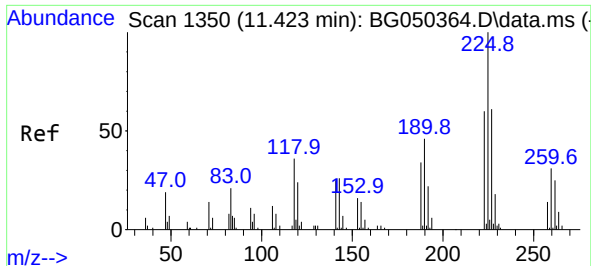


Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

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#33
Hexachlorobutadiene
Concen: 50.43 ng/ul
RT: 11.426 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

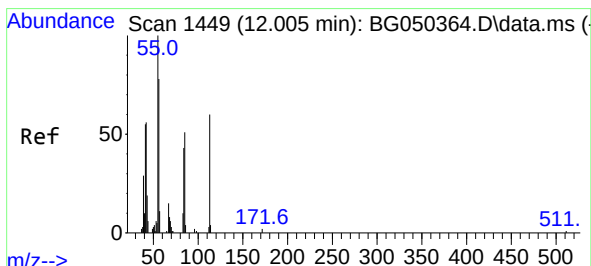
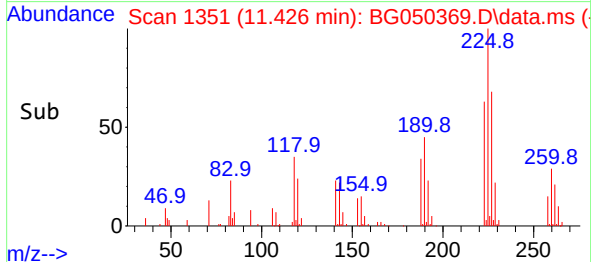
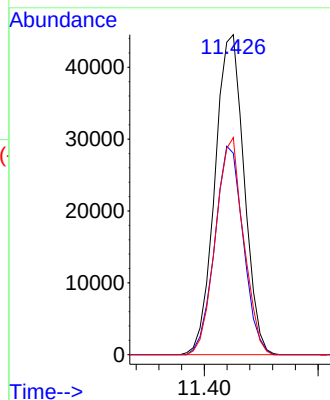
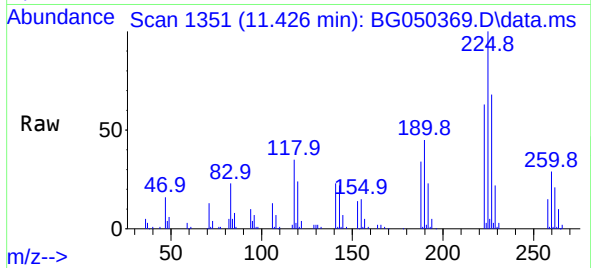
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.1	76.7
227	67.8	52.7	79.1

Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

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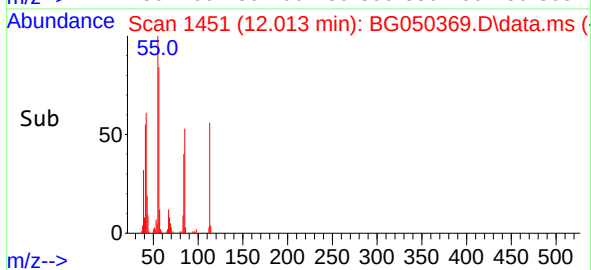
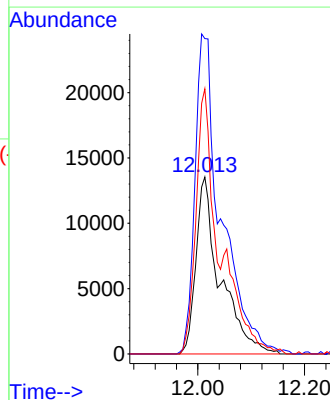
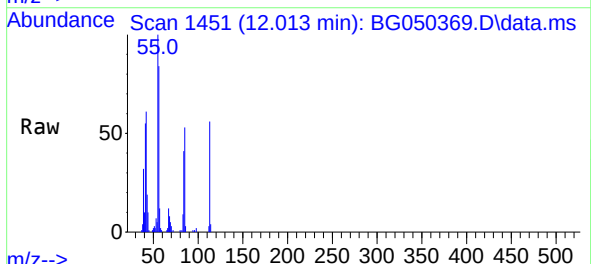
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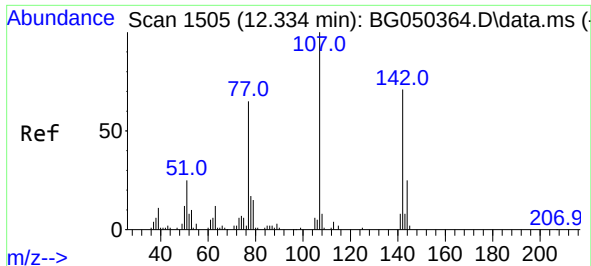
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#34
Caprolactam
Concen: 51.10 ng/ul m
RT: 12.013 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

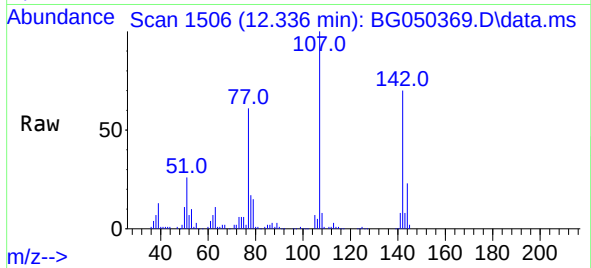
Tgt Ion	Ratio	Lower	Upper
113	100		
55	178.1	144.1	216.1
56	149.7	105.8	158.8





#35
4-Chloro-3-methylphenol
Concen: 55.24 ng/ul
RT: 12.336 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

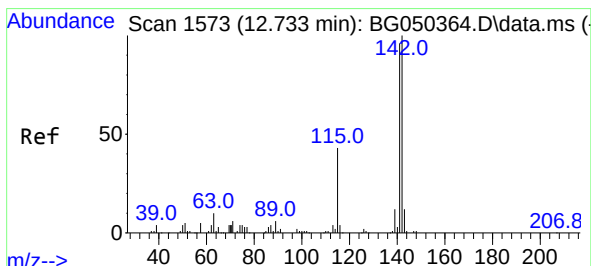
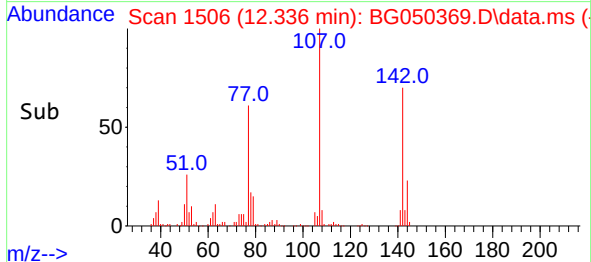
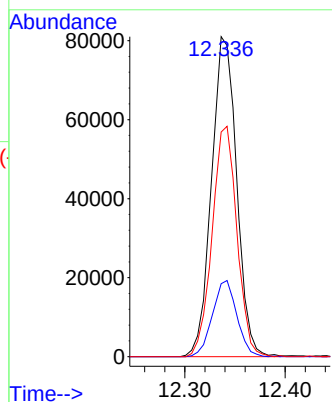


Tgt Ion:107 Resp: 141046
Ion Ratio Lower Upper
107 100
144 22.8 16.8 25.2
142 70.2 55.4 83.2

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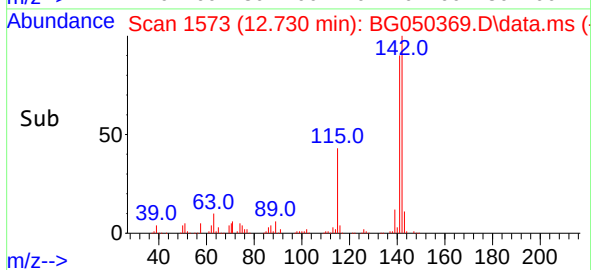
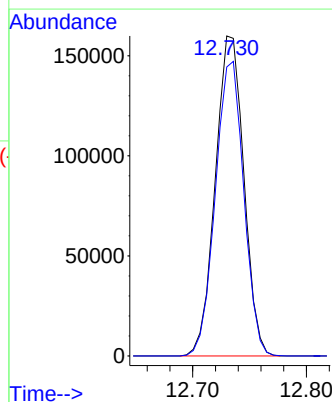
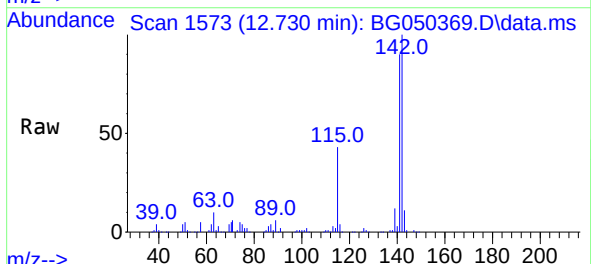
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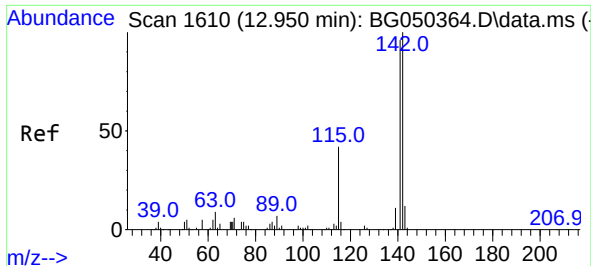
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#36
2-Methylnaphthalene
Concen: 54.11 ng/ul
RT: 12.730 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

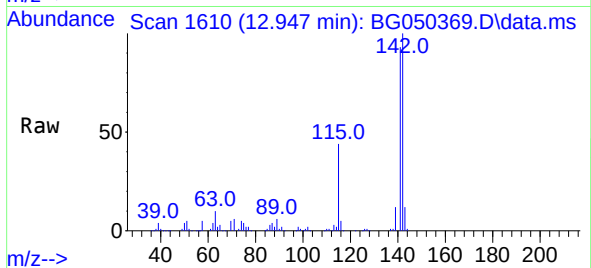
Tgt Ion:142 Resp: 278668
Ion Ratio Lower Upper
142 100
141 90.3 72.0 108.0





#37
1-Methylnaphthalene
Concen: 51.25 ng/ul
RT: 12.947 min Scan# 1610
Delta R.T. -0.012 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

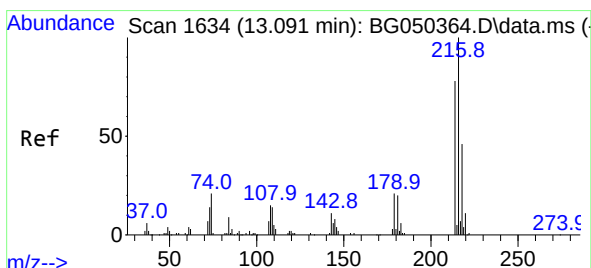
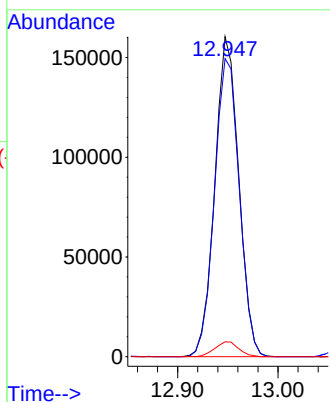
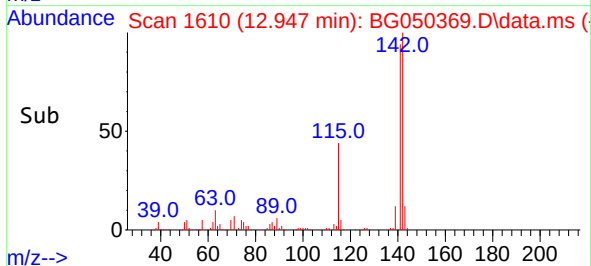


Tgt Ion:142 Resp: 265706
Ion Ratio Lower Upper
142 100
141 93.1 78.9 118.3
116 4.6 3.8 5.6

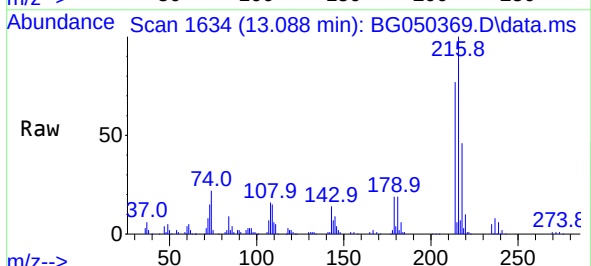
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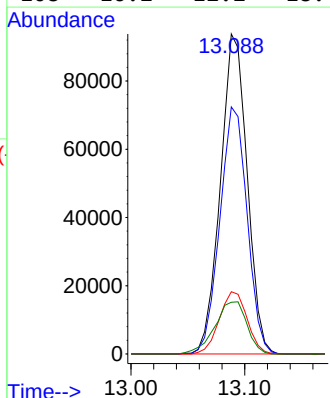
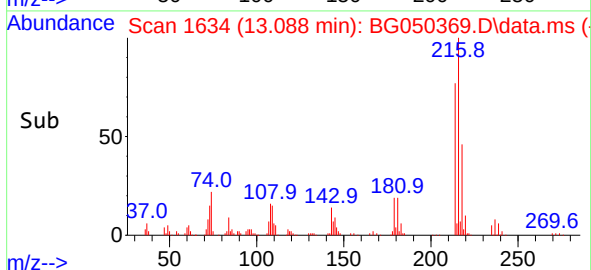
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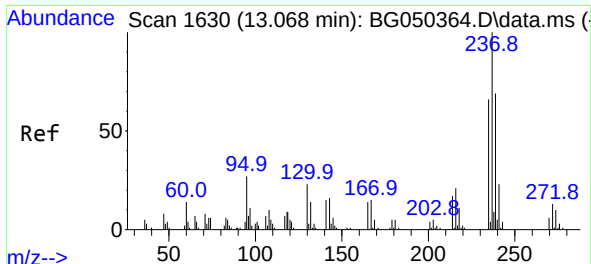


#39
1,2,4,5-Tetrachlorobenzene
Concen: 54.68 ng/ul
RT: 13.088 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

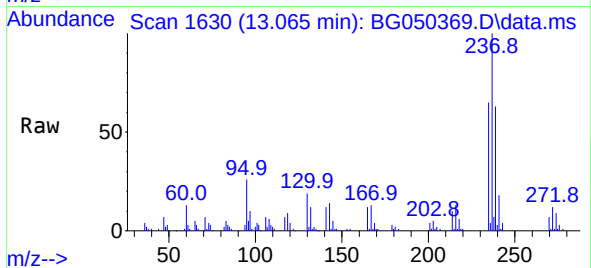


Tgt Ion:216 Resp: 153224
Ion Ratio Lower Upper
216 100
214 77.2 65.0 97.4
179 19.4 16.5 24.7
108 16.2 12.2 18.4

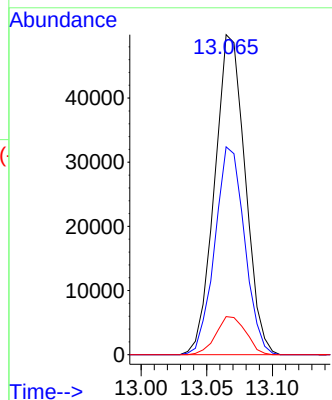
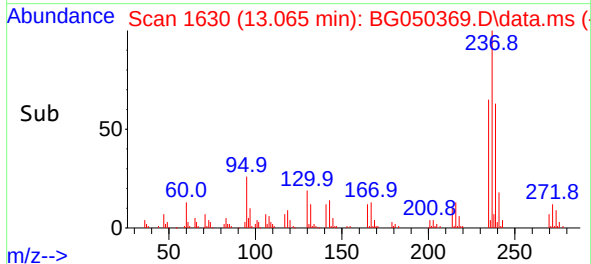




#40
Hexachlorocyclopentadiene
Concen: 43.44 ng/ul
RT: 13.065 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54



Tgt Ion:237 Resp: 80723
Ion Ratio Lower Upper
237 100
235 65.0 45.6 68.4
272 11.9 9.5 14.3

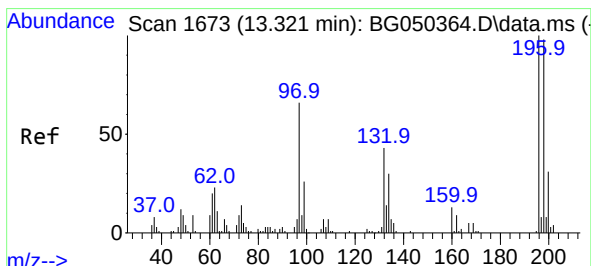


Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

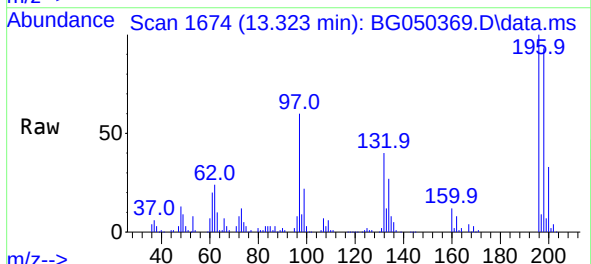
Manual Integrations
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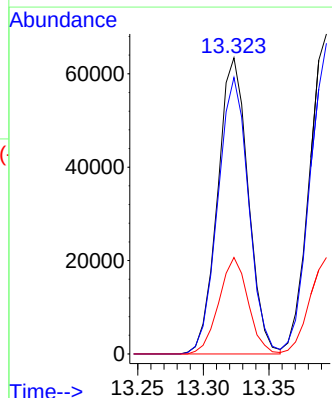
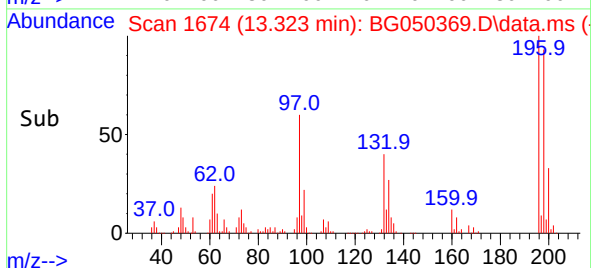
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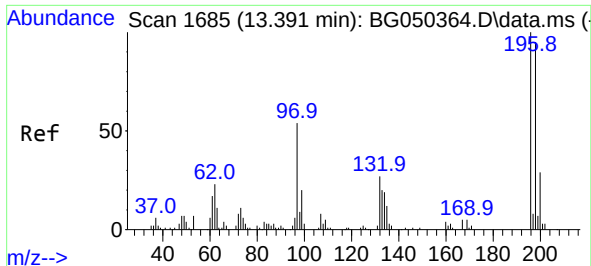


#41
2,4,6-Trichlorophenol
Concen: 58.07 ng/ul
RT: 13.323 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

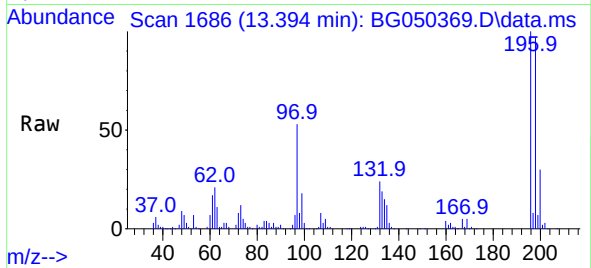


Tgt Ion:196 Resp: 102563
Ion Ratio Lower Upper
196 100
198 93.4 75.1 112.7
200 32.6 23.7 35.5

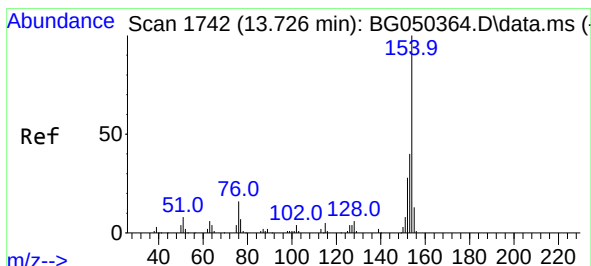
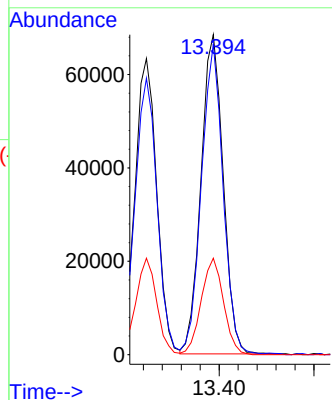
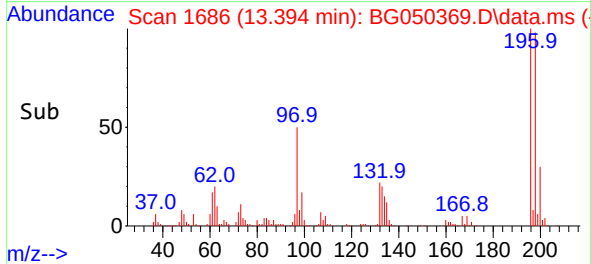




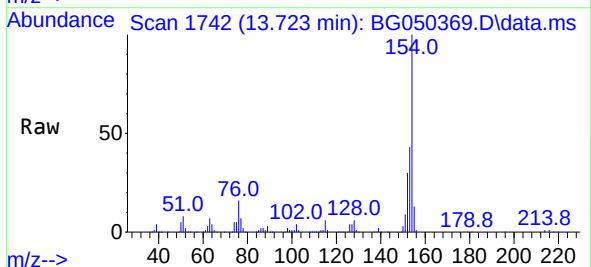
#42
2,4,5-Trichlorophenol
Concen: 57.50 ng/ul
RT: 13.394 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54



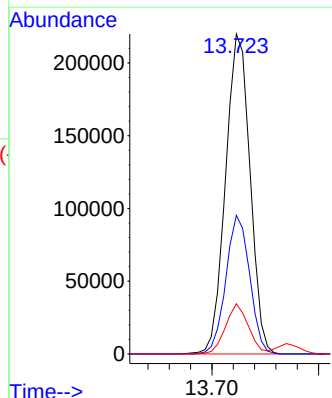
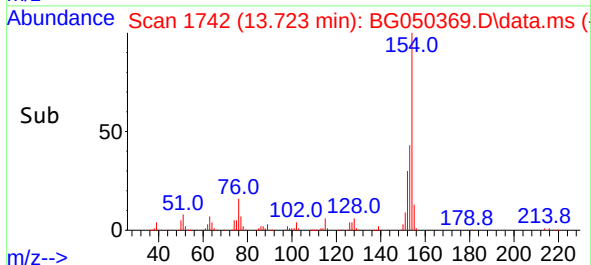
Tgt Ion:196 Resp: 111089
Ion Ratio Lower Upper
196 100
198 97.1 78.3 117.5
200 30.2 24.6 37.0



#43
1,1'-Biphenyl
Concen: 53.66 ng/ul
RT: 13.723 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54



Tgt Ion:154 Resp: 350601
Ion Ratio Lower Upper
154 100
153 43.3 33.4 50.2
76 15.7 12.4 18.6

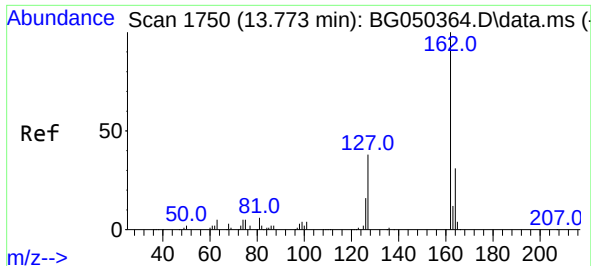


Instrument :
BNA_G
ClientSampled :
EW7S7MSD

Manual Integrations
APPROVED

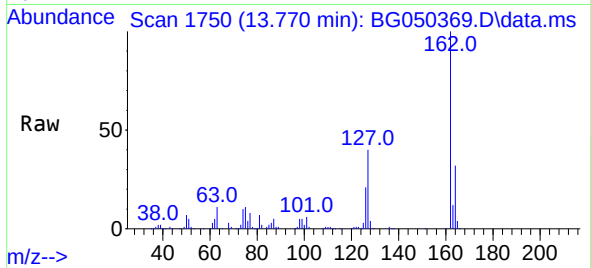
mohammad

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#44
2-Chloronaphthalene
Concen: 53.46 ng/ul
RT: 13.770 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

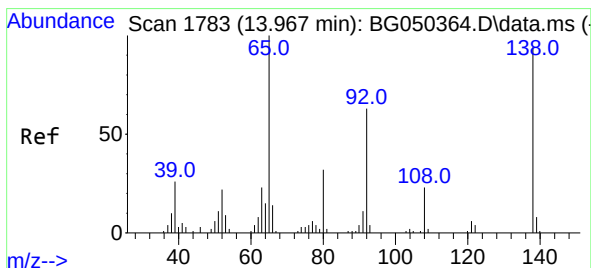
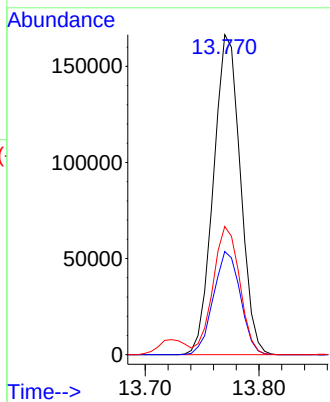
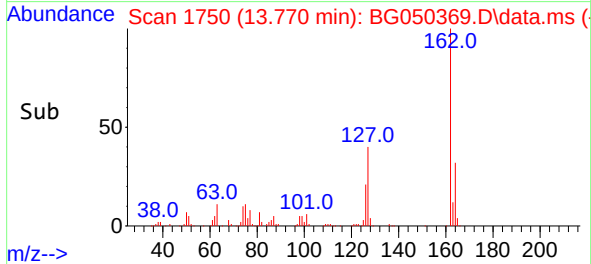


Tgt Ion:162 Resp: 273648
Ion Ratio Lower Upper
162 100
164 32.3 24.5 36.7
127 40.1 32.6 48.8

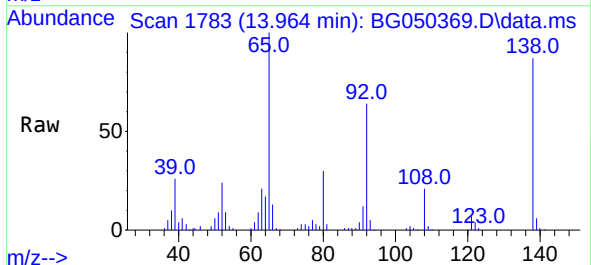
Manual Integrations
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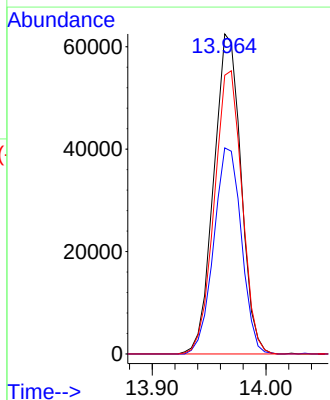
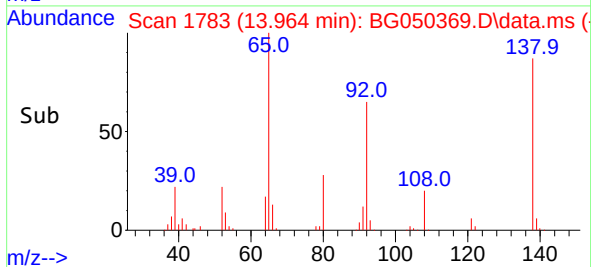
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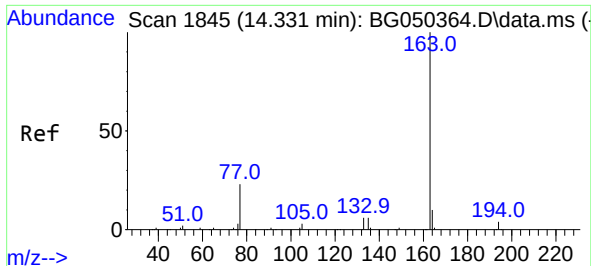


#45
2-Nitroaniline
Concen: 62.12 ng/ul
RT: 13.964 min Scan# 1783
Delta R.T. -0.012 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54



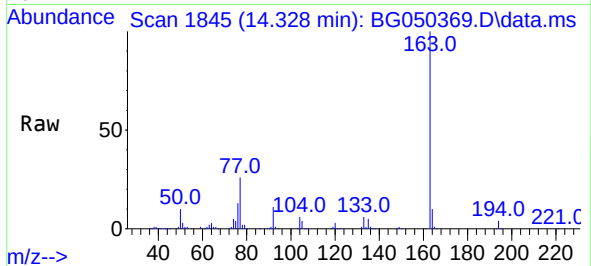
Tgt Ion: 65 Resp: 104107
Ion Ratio Lower Upper
65 100
92 64.4 54.8 82.2
138 87.1 76.1 114.1





#47
Dimethylphthalate
Concen: 53.04 ng/ul
RT: 14.328 min Scan# 1845
Delta R.T. -0.012 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

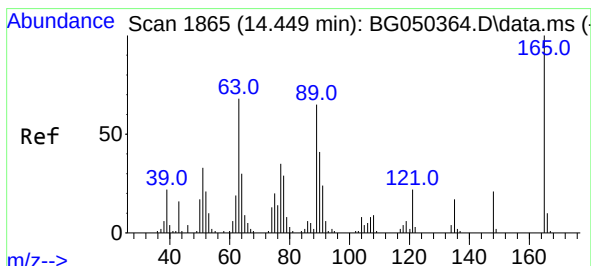
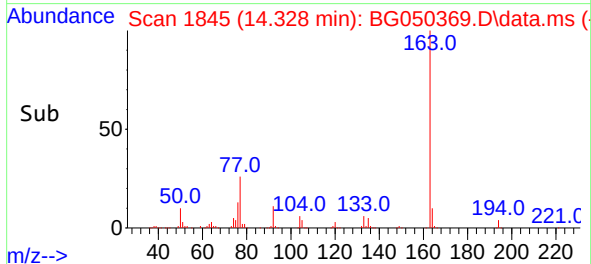
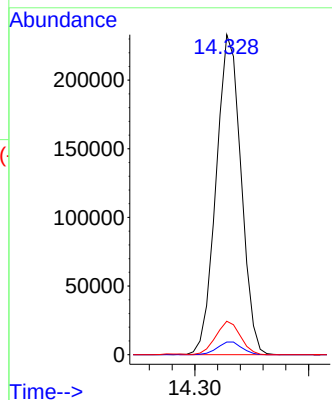


Tgt Ion:163 Resp: 354632
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.4 8.0 12.0

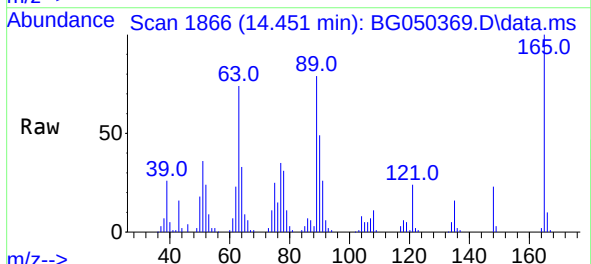
Manual Integrations
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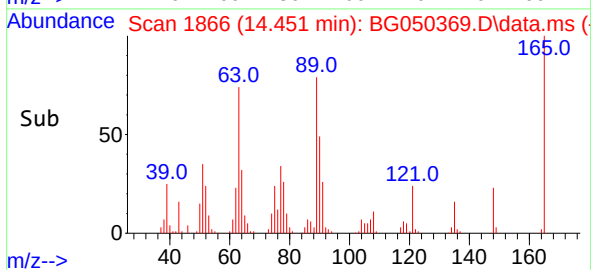
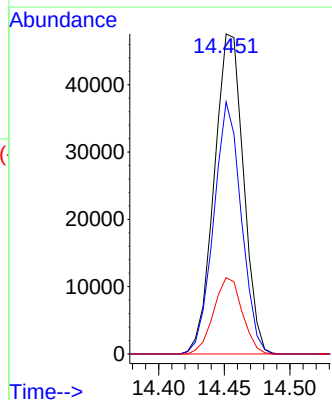
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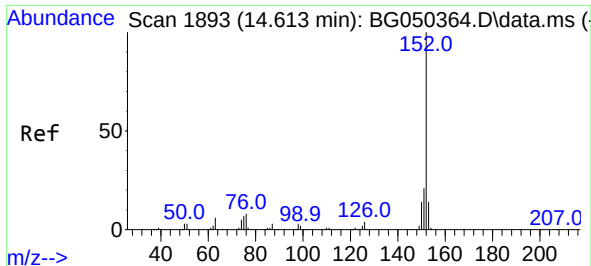


#48
2,6-Dinitrotoluene
Concen: 58.74 ng/ul
RT: 14.451 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54



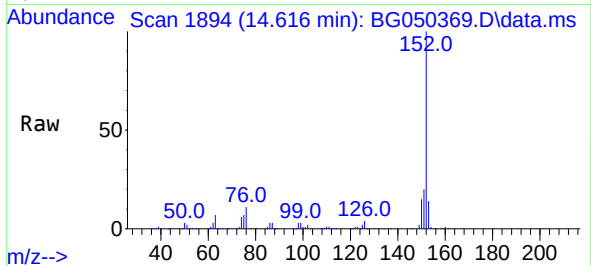
Tgt Ion:165 Resp: 73879
Ion Ratio Lower Upper
165 100
89 78.8 62.3 93.5
121 23.9 20.8 31.2





#50
Acenaphthylene
Concen: 49.17 ng/ul
RT: 14.616 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Instrument :
BNA_G
ClientSampled :
EW7S7MSD

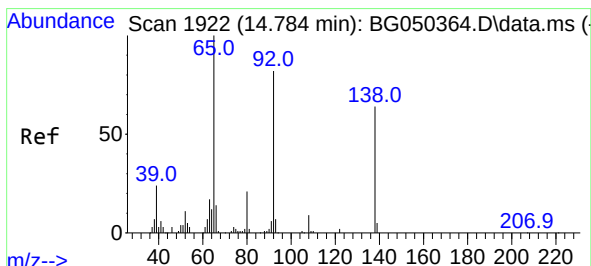
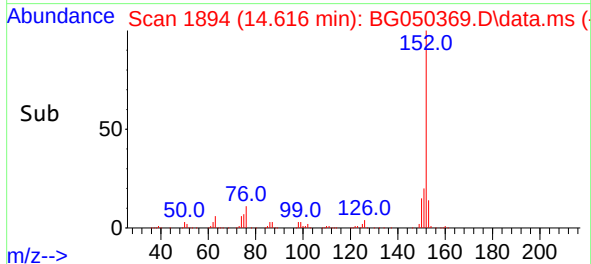
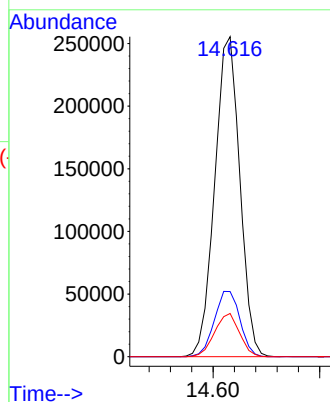


Tgt Ion:152 Resp: 416187
Ion Ratio Lower Upper
152 100
151 20.3 17.4 26.2
153 13.5 10.3 15.5

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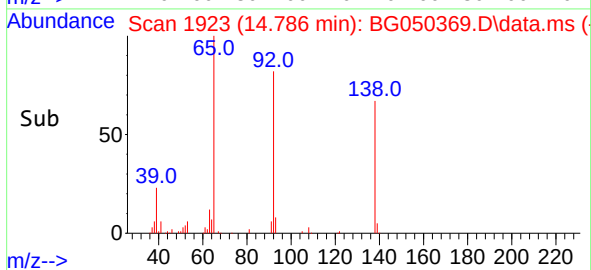
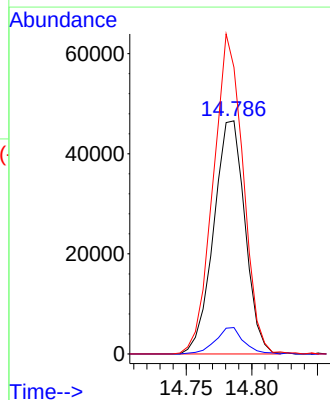
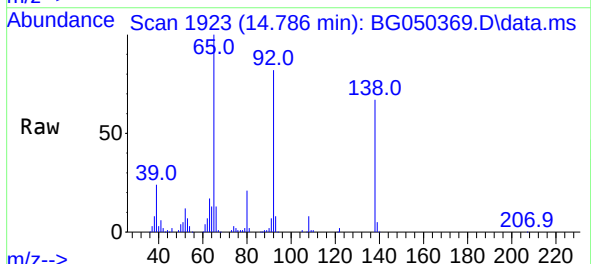
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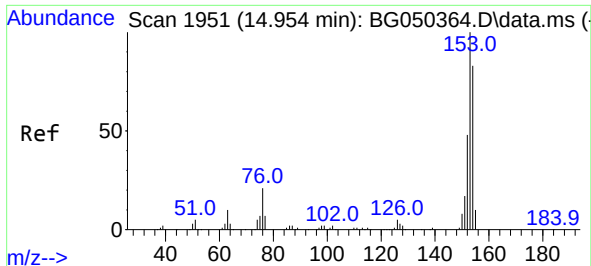
10/4/2021 11:50:31 AM



#51
3-Nitroaniline
Concen: 56.53 ng/ul
RT: 14.786 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

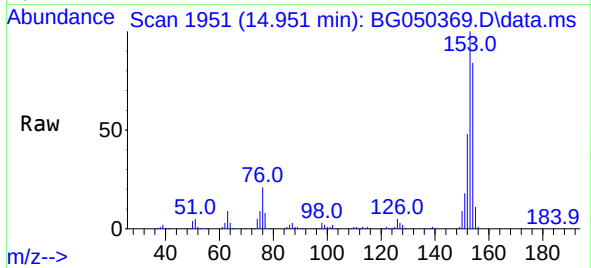
Tgt Ion:138 Resp: 77337
Ion Ratio Lower Upper
138 100
108 11.3 8.6 12.8
92 123.0 97.0 145.4





#52
Acenaphthene
Concen: 54.27 ng/ul
RT: 14.951 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

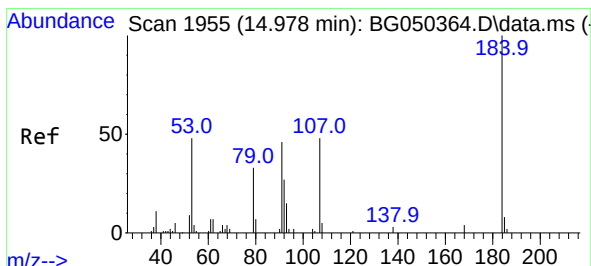
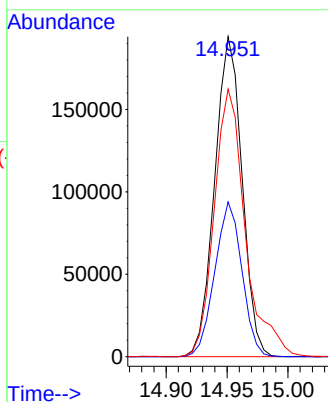
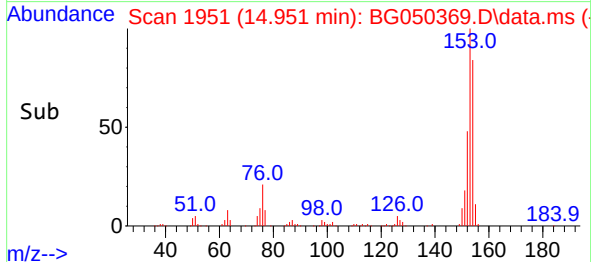


Tgt Ion:153 Resp: 303634
Ion Ratio Lower Upper
153 100
152 48.4 40.2 60.2
154 83.6 68.2 102.2

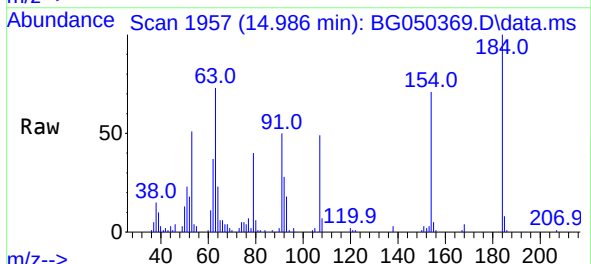
Manual Integrations
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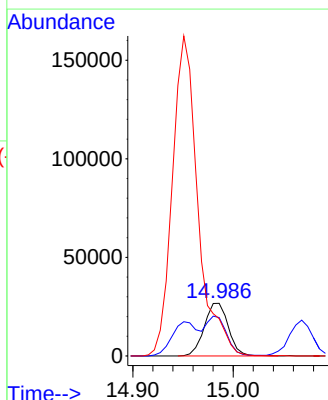
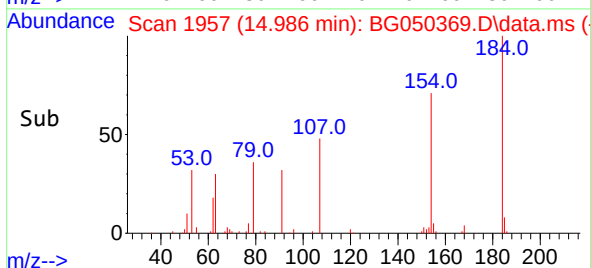
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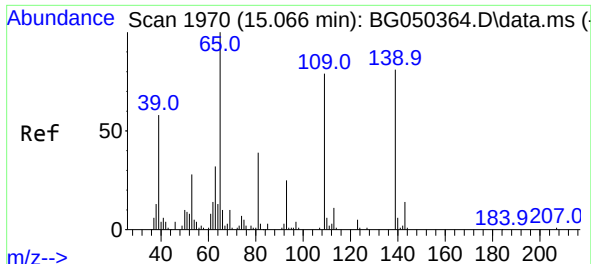


#53
2,4-Dinitrophenol
Concen: 56.86 ng/ul
RT: 14.986 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54



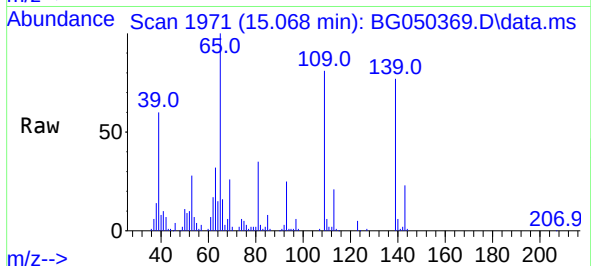
Tgt Ion:184 Resp: 44569
Ion Ratio Lower Upper
184 100
63 73.1 62.1 93.1
154 70.7 68.3 102.5





#55
4-Nitrophenol
Concen: 55.14 ng/ul
RT: 15.068 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

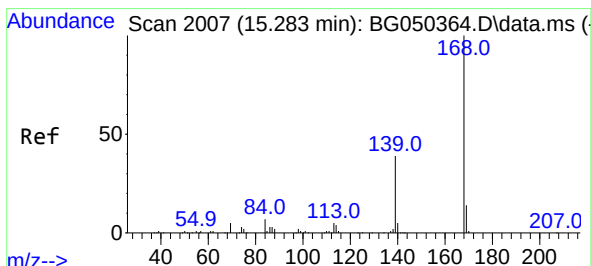
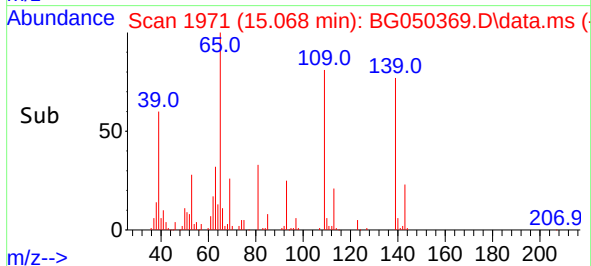
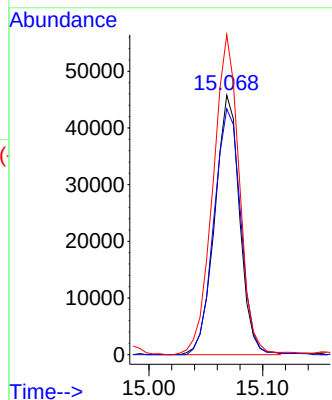


Tgt Ion:109 Resp: 69779
Ion Ratio Lower Upper
109 100
139 94.8 81.4 122.0
65 123.3 97.8 146.6

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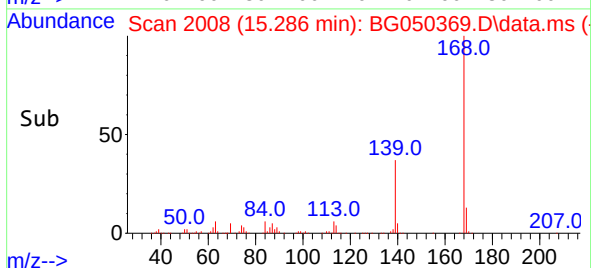
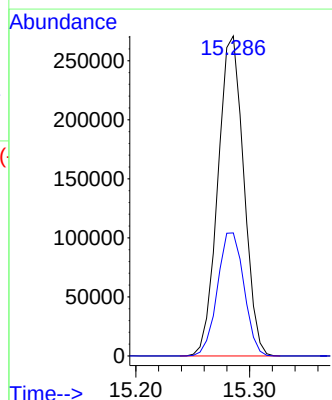
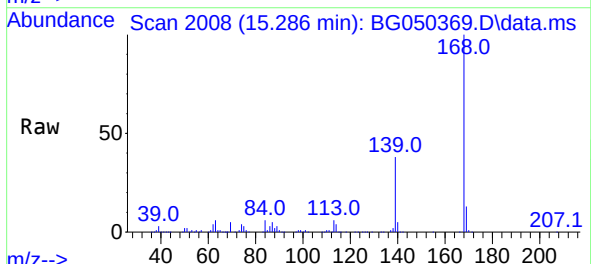
mohammad

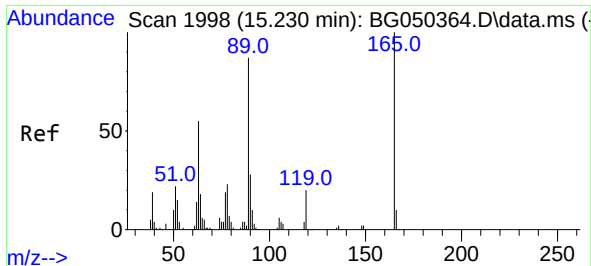
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#56
Dibenzofuran
Concen: 52.55 ng/ul
RT: 15.286 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

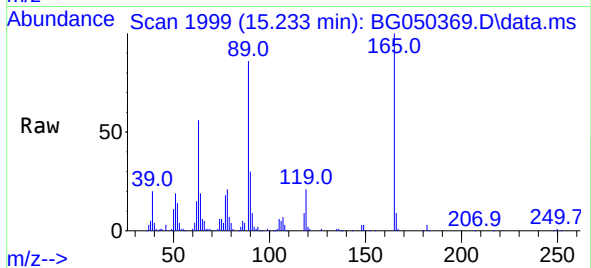
Tgt Ion:168 Resp: 427575
Ion Ratio Lower Upper
168 100
139 38.5 30.2 45.4





#57
2,4-Dinitrotoluene
Concen: 57.77 ng/ul
RT: 15.233 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Instrument :
BNA_G
ClientSampled :
EW7S7MSD

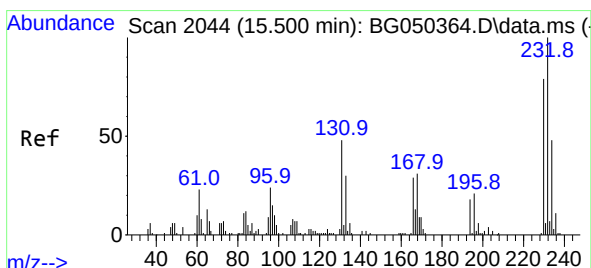
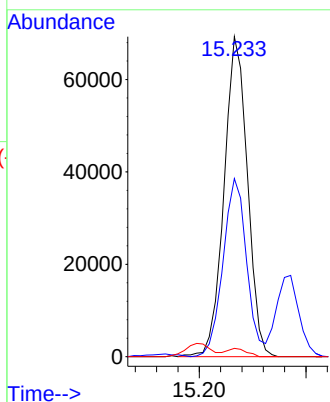
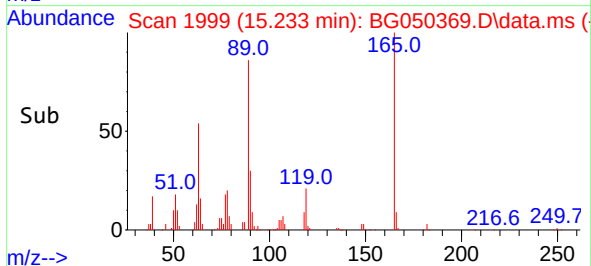


Tgt Ion:165 Resp: 105494
Ion Ratio Lower Upper
165 100
63 55.6 43.4 65.2
182 2.6 1.7 2.5#

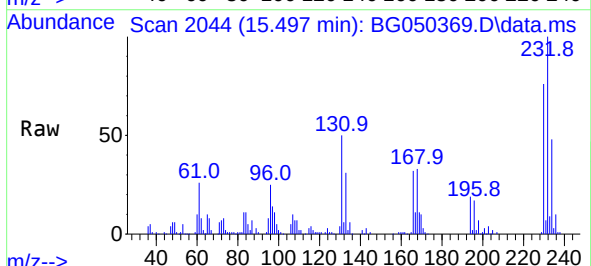
Manual Integrations
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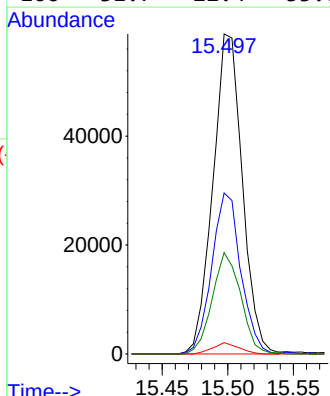
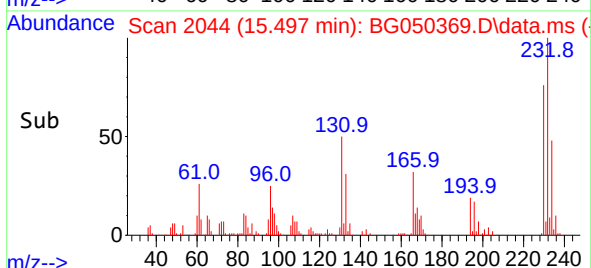
10/4/2021 11:50:31 AM

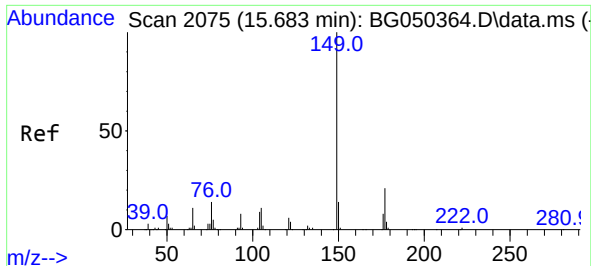


#58
2,3,4,6-Tetrachlorophenol
Concen: 55.08 ng/ul
RT: 15.497 min Scan# 2044
Delta R.T. -0.012 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54



Tgt Ion:232 Resp: 91508
Ion Ratio Lower Upper
232 100
131 50.3 34.3 51.5
130 3.5 2.8 4.2
166 31.7 22.4 33.6





#59
Diethylphthalate
Concen: 52.90 ng/ul
RT: 15.685 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

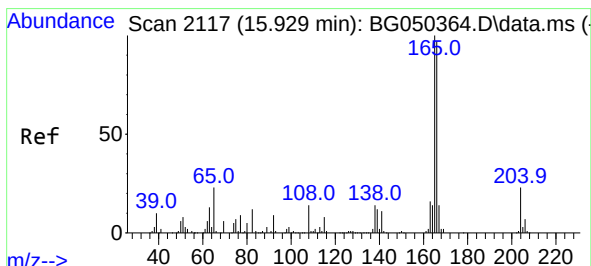
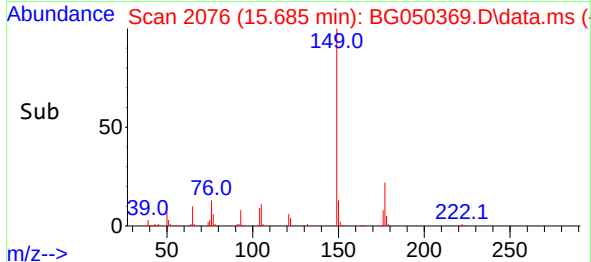
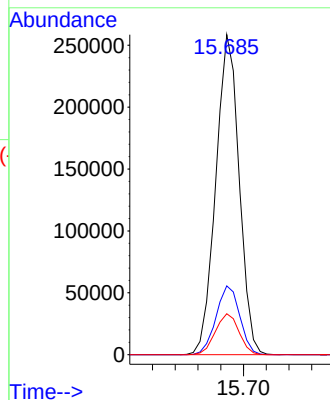
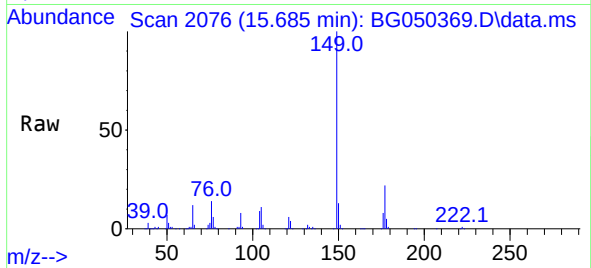
Tgt Ion:149 Resp: 369056
Ion Ratio Lower Upper
149 100
177 21.5 18.2 27.4
150 12.8 10.2 15.2

Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

Manual Integrations
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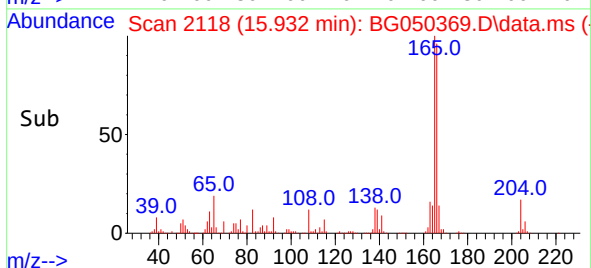
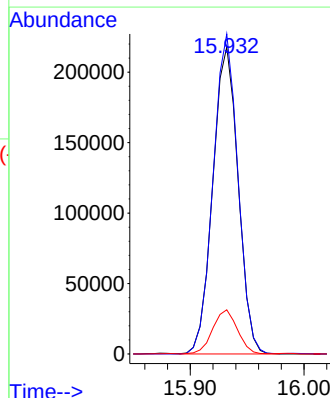
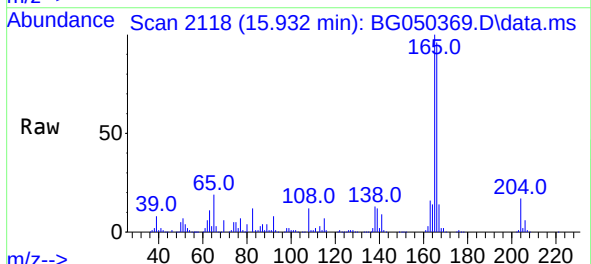
mohammad

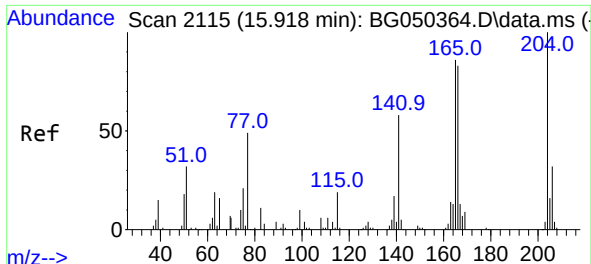
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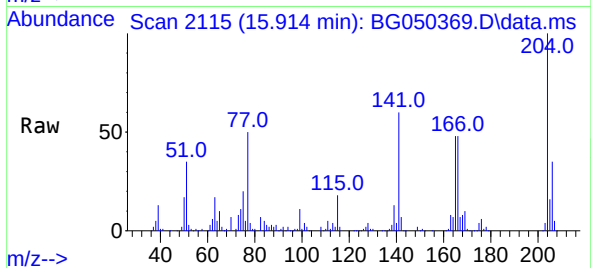
#61
Fluorene
Concen: 52.14 ng/ul
RT: 15.932 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Tgt Ion:166 Resp: 337515
Ion Ratio Lower Upper
166 100
165 104.2 78.6 118.0
167 14.4 10.9 16.3

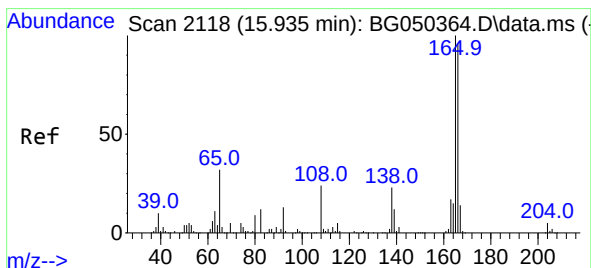
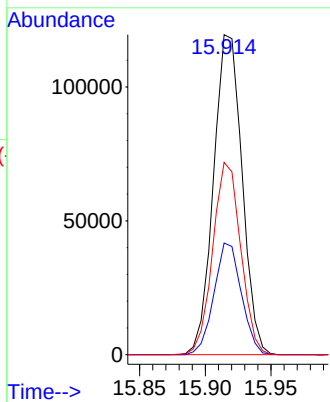
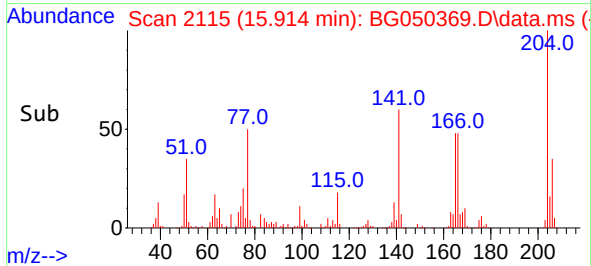




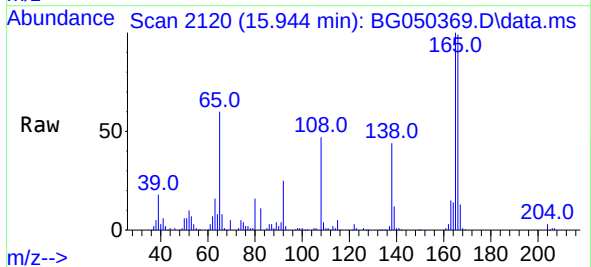
#62
4-Chlorophenyl-phenylether
Concen: 51.57 ng/ul
RT: 15.914 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54



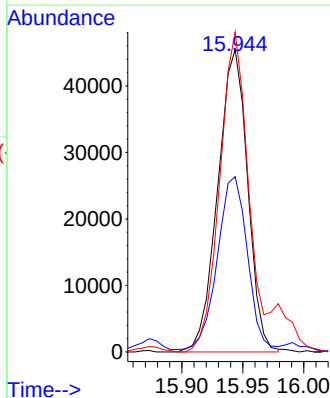
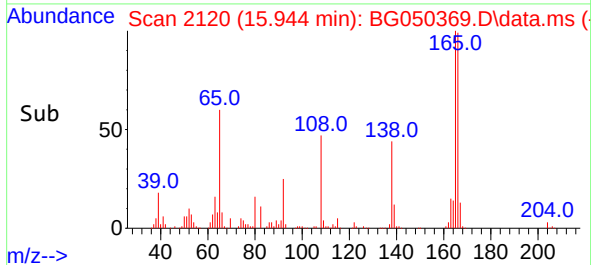
Tgt Ion:204 Resp: 180806
Ion Ratio Lower Upper
204 100
206 34.9 24.8 37.2
141 60.1 44.1 66.1



#63
4-Nitroaniline
Concen: 56.04 ng/ul
RT: 15.944 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54



Tgt Ion:138 Resp: 77425
Ion Ratio Lower Upper
138 100
92 58.0 47.0 70.4
108 105.8 77.2 115.8

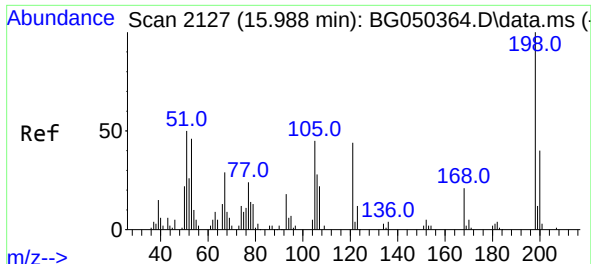


Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

Manual Integrations
APPROVED

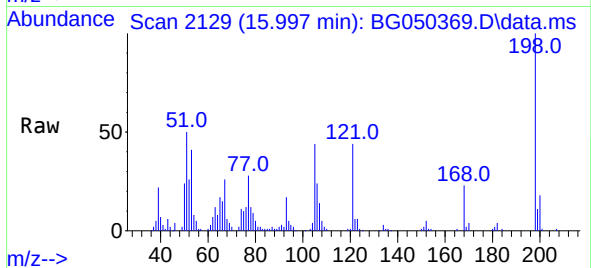
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#66
4,6-Dinitro-2-methylphenol
Concen: 58.28 ng/ul
RT: 15.997 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Instrument :
BNA_G
ClientSampled :
EW7S7MSD

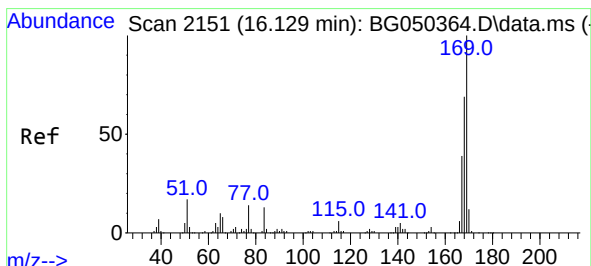
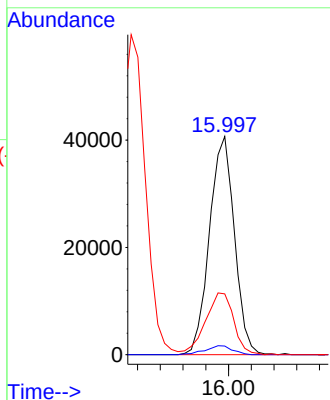
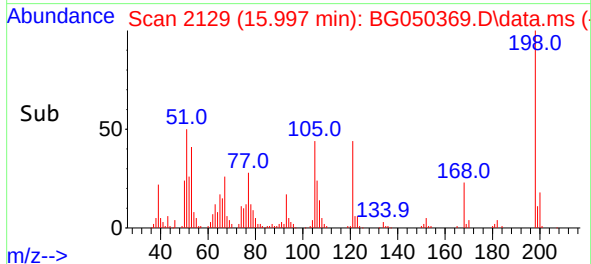


Tgt Ion:198 Resp: 61918
Ion Ratio Lower Upper
198 100
182 4.0 3.0 4.6
77 27.9 25.8 38.8

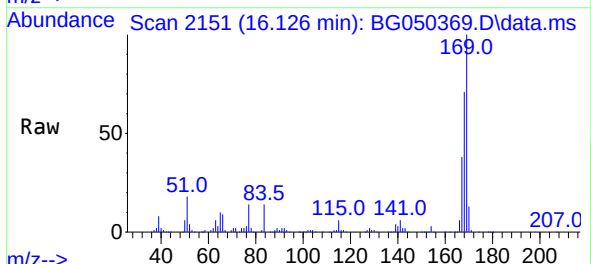
Manual Integrations
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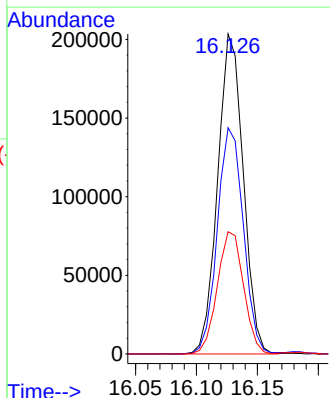
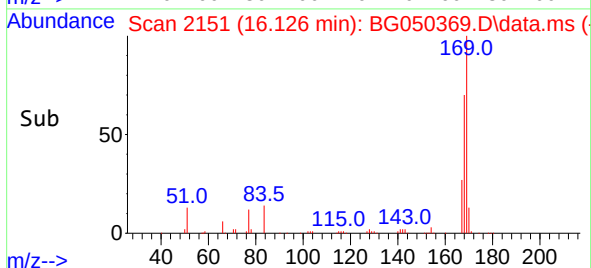
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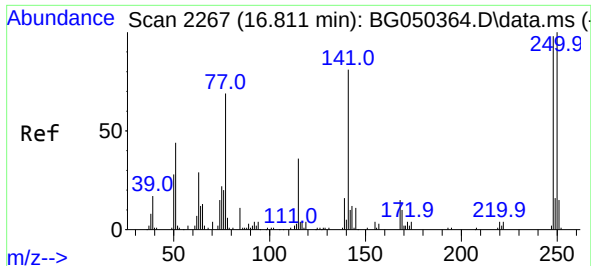


#67
N-Nitrosodiphenylamine
Concen: 54.58 ng/ul
RT: 16.126 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

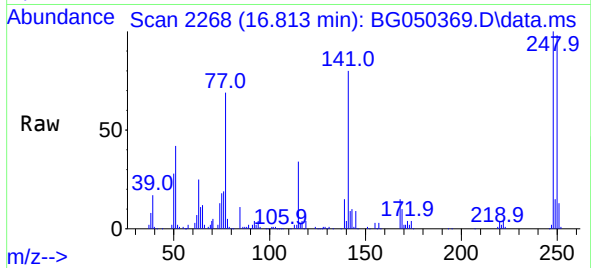


Tgt Ion:169 Resp: 297350
Ion Ratio Lower Upper
169 100
168 70.7 58.3 87.5
167 38.2 31.4 47.2

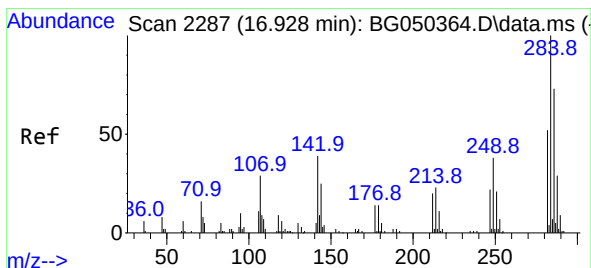
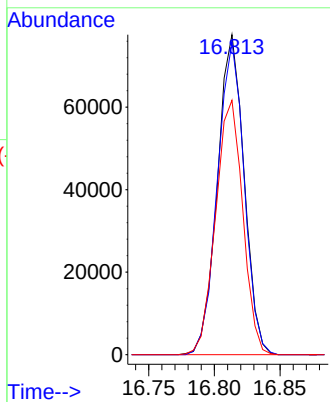
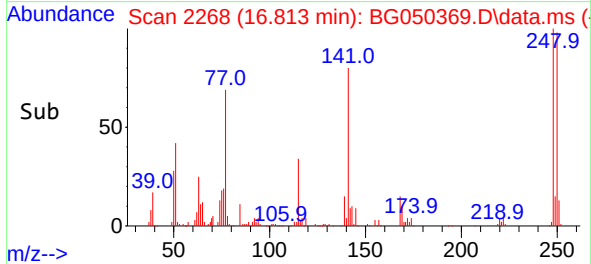




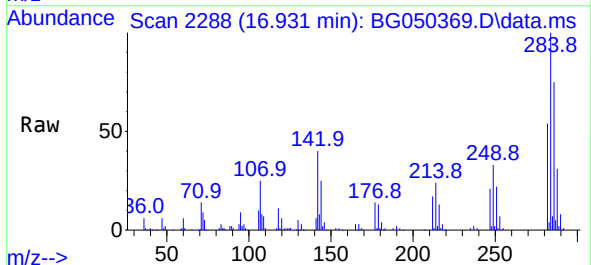
#68
4-Bromophenyl-phenylether
Concen: 54.55 ng/ul
RT: 16.813 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54



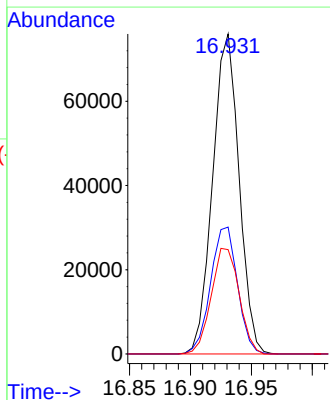
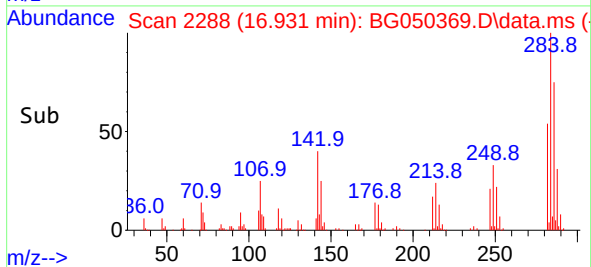
Tgt Ion:248 Resp: 109437
Ion Ratio Lower Upper
248 100
250 97.8 73.3 109.9
141 79.5 60.2 90.2



#69
Hexachlorobenzene
Concen: 54.20 ng/ul
RT: 16.931 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54



Tgt Ion:284 Resp: 114497
Ion Ratio Lower Upper
284 100
142 39.6 33.3 49.9
249 34.9 28.3 42.5

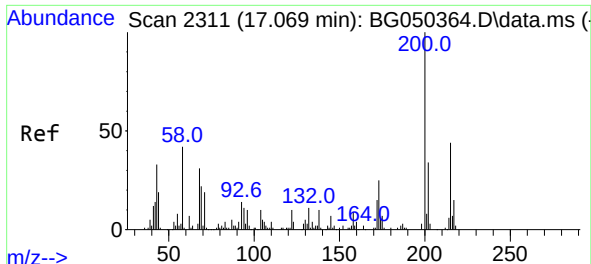


Instrument :
BNA_G
ClientSampled :
EW7S7MSD

Manual Integrations
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#70
Atrazine
Concen: 53.26 ng/ul
RT: 17.072 min Scan# 2312
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

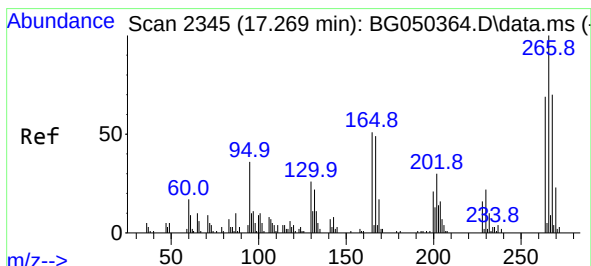
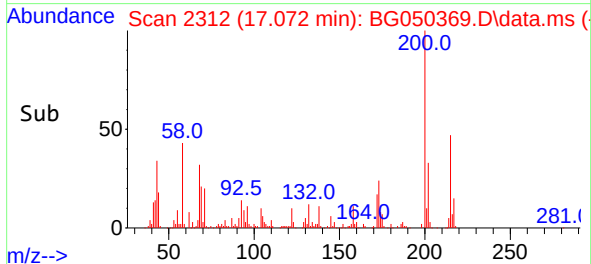
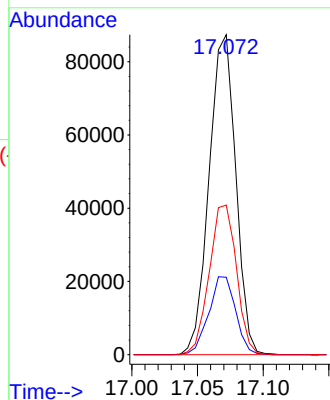
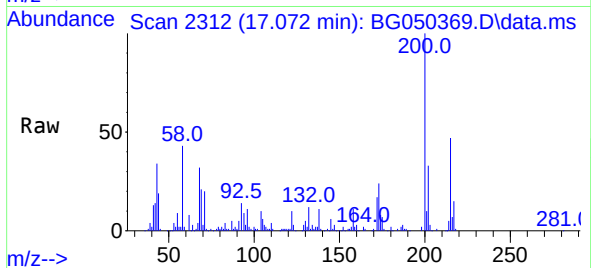
Tgt Ion:200 Resp: 123534
Ion Ratio Lower Upper
200 100
173 24.2 19.9 29.9
215 46.8 40.4 60.6

Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

Manual Integrations
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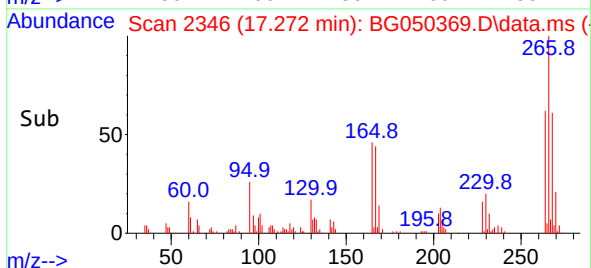
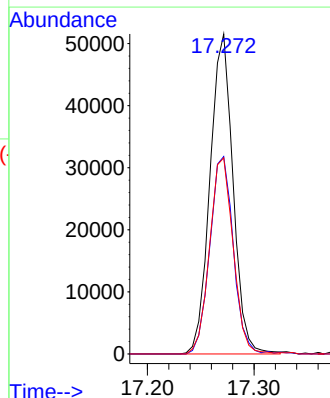
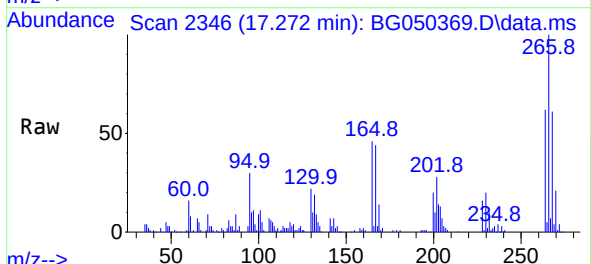
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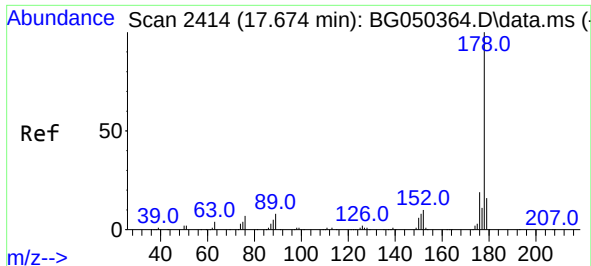
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#71
Pentachlorophenol
Concen: 55.82 ng/ul
RT: 17.272 min Scan# 2346
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

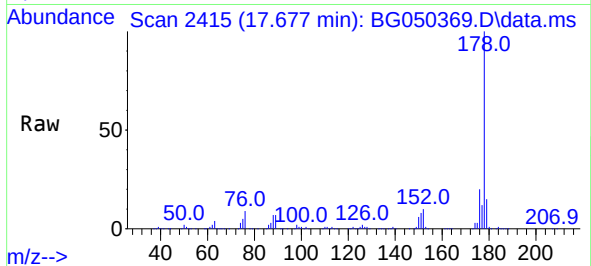
Tgt Ion:266 Resp: 77227
Ion Ratio Lower Upper
266 100
264 61.7 51.0 76.4
268 61.3 51.1 76.7





#72
Phenanthrene
Concen: 53.40 ng/ul
RT: 17.677 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

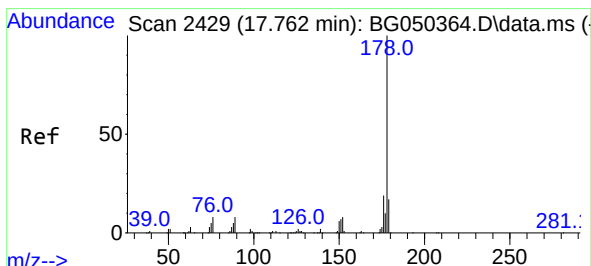
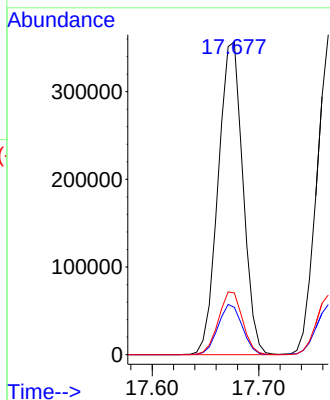
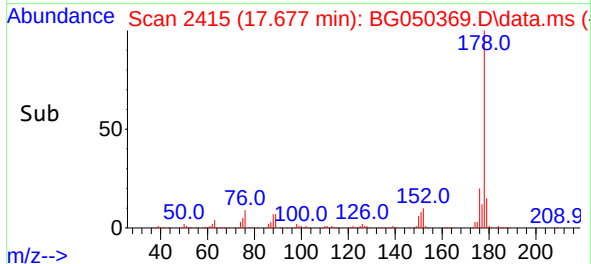


Tgt Ion:178 Resp: 574375
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 19.7 16.2 24.2

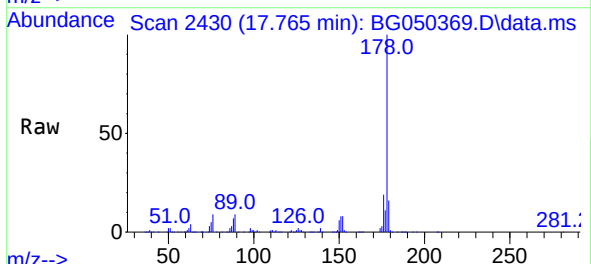
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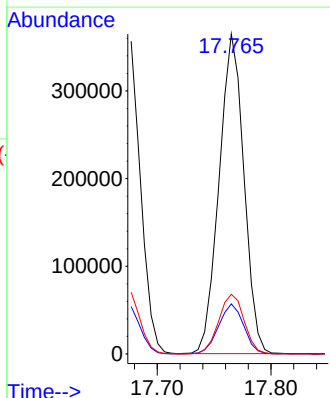
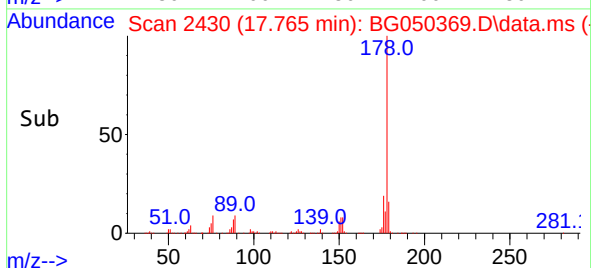
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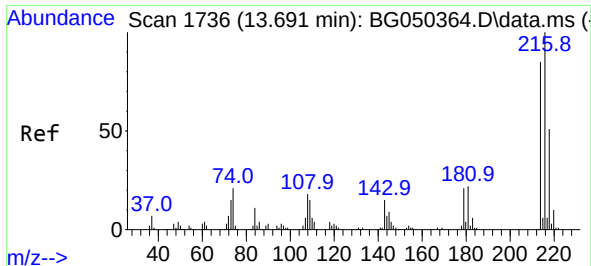


#74
Anthracene
Concen: 51.82 ng/ul
RT: 17.765 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54



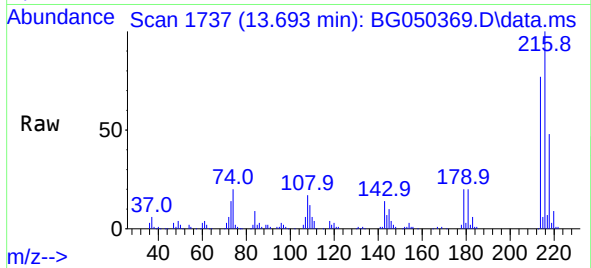
Tgt Ion:178 Resp: 551995
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 18.6 15.0 22.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 57.64 ng/uL
RT: 13.693 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Instrument :
BNA_G
ClientSampled :
EW7S7MSD

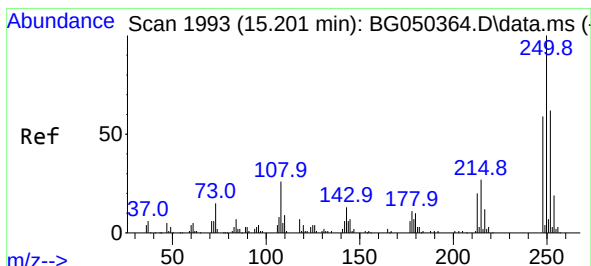
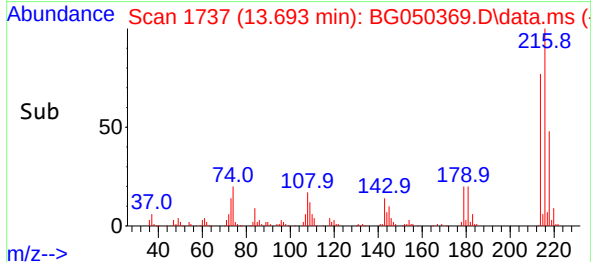
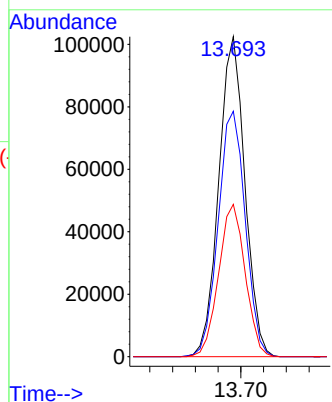


Tgt Ion:216 Resp: 163726
Ion Ratio Lower Upper
216 100
214 76.7 61.0 91.6
218 47.6 37.1 55.7

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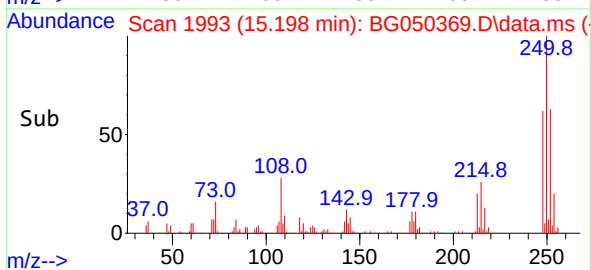
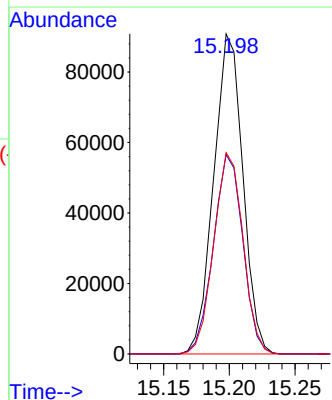
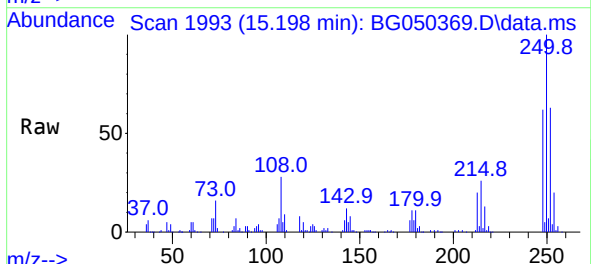
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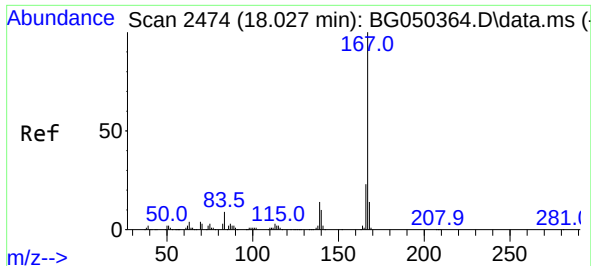
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#76
Pentachlorobenzene
Concen: 54.07 ng/uL
RT: 15.198 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Tgt Ion:250 Resp: 140317
Ion Ratio Lower Upper
250 100
248 62.3 50.2 75.2
252 62.9 51.9 77.9





#77
 Carbazole
 Concen: 54.92 ng/ul
 RT: 18.030 min Scan# 2475
 Delta R.T. -0.006 min
 Lab File: BG050369.D
 Acq: 1 Oct 2021 23:54

Tgt Ion:167 Resp: 523589

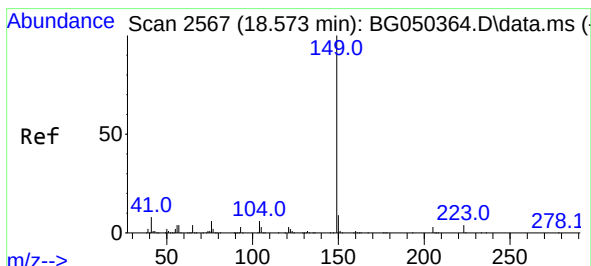
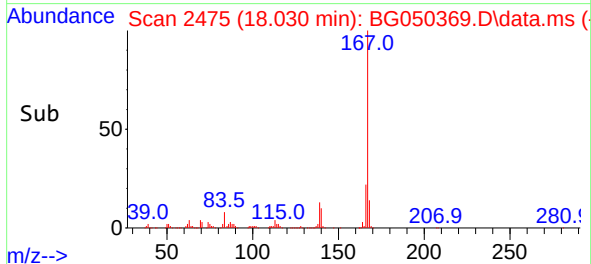
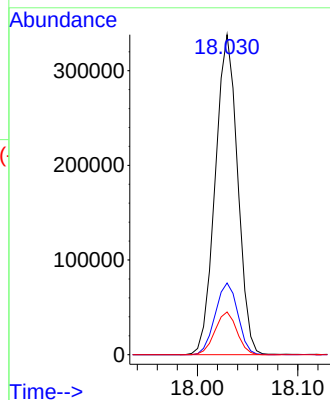
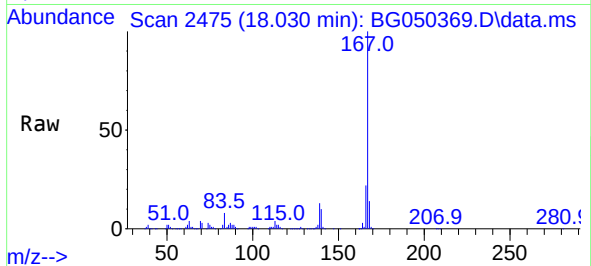
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.3	10.5	15.7

Instrument :
 BNA_G
 ClientSampleId :
 EW7S7MSD

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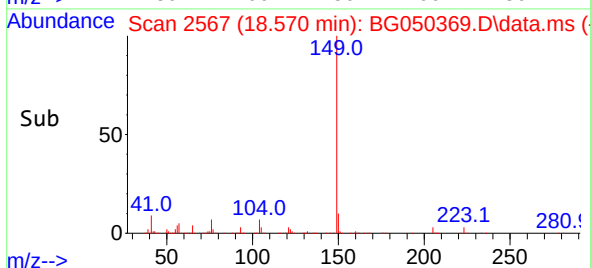
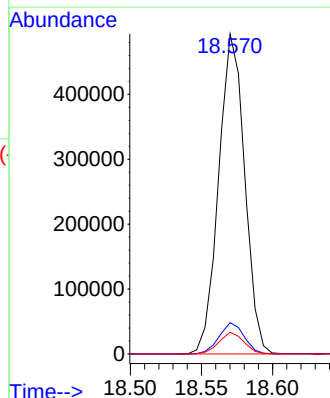
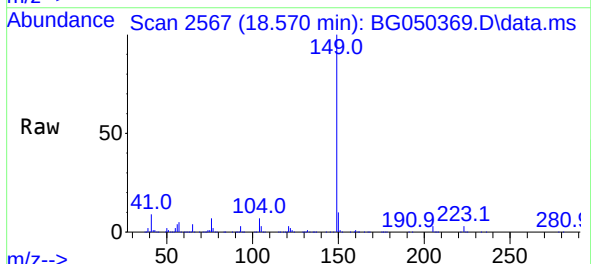
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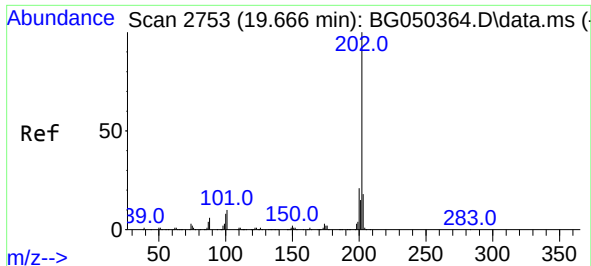


#78
 Di-n-butylphthalate
 Concen: 55.50 ng/ul
 RT: 18.570 min Scan# 2567
 Delta R.T. -0.012 min
 Lab File: BG050369.D
 Acq: 1 Oct 2021 23:54

Tgt Ion:149 Resp: 627041

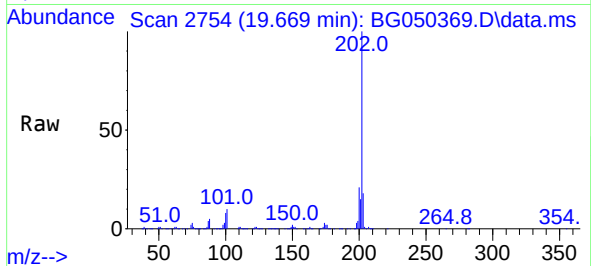
Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.5	11.3
104	6.8	4.9	7.3





#80
Fluoranthene
Concen: 53.66 ng/ul
RT: 19.669 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

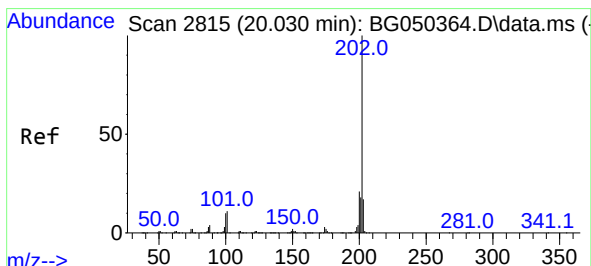
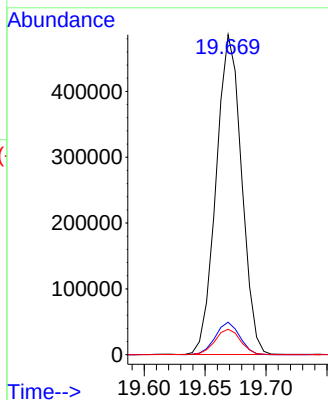
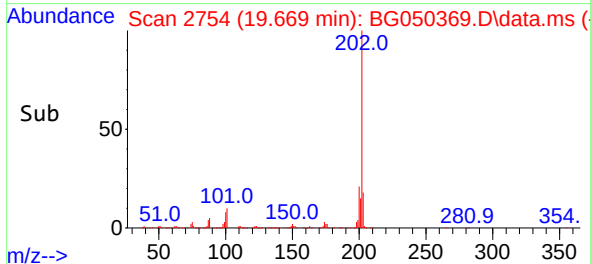


Tgt Ion:202 Resp: 707206
Ion Ratio Lower Upper
202 100
101 10.2 7.7 11.5
100 8.0 6.6 10.0

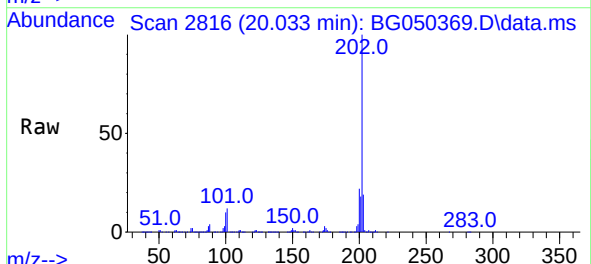
Manual Integrations
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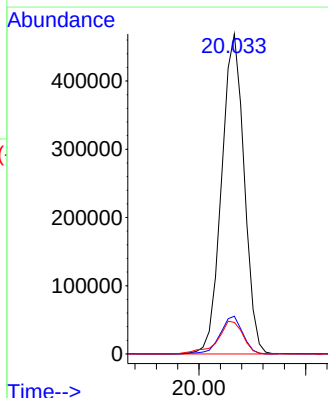
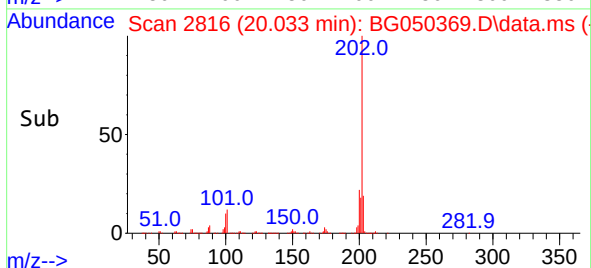
10/4/2021 11:50:31 AM

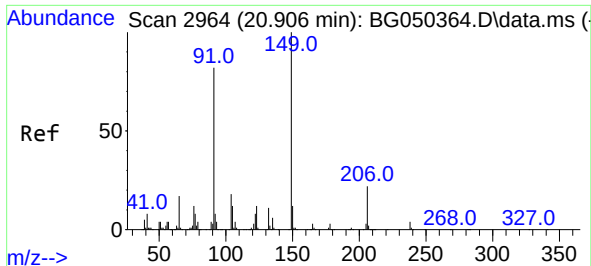


#82
Pyrene
Concen: 52.95 ng/ul
RT: 20.033 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

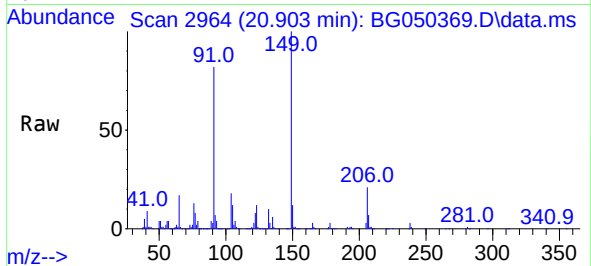


Tgt Ion:202 Resp: 688166
Ion Ratio Lower Upper
202 100
101 11.8 9.7 14.5
100 9.8 7.6 11.4

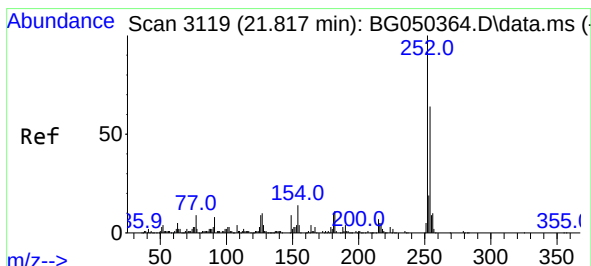
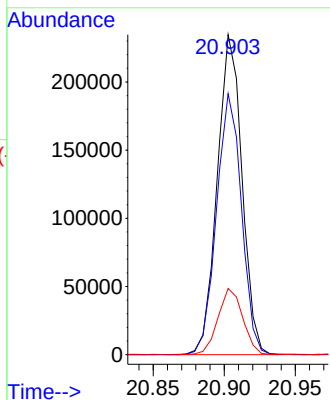
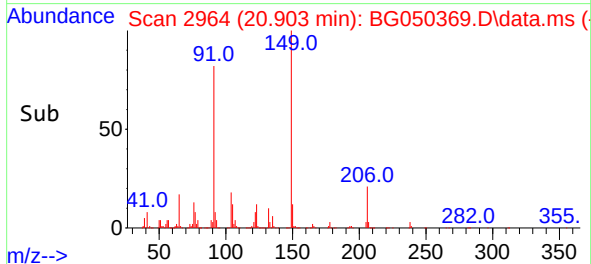




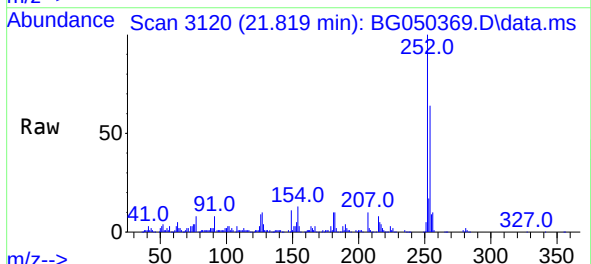
#83
Butylbenzylphthalate
Concen: 59.28 ng/ul
RT: 20.903 min Scan# 2964
Delta R.T. -0.012 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54



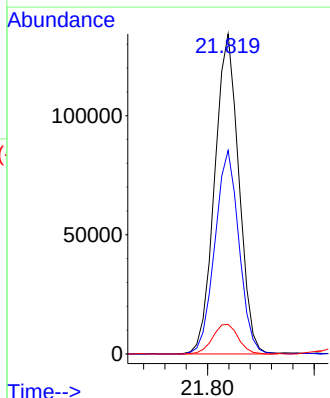
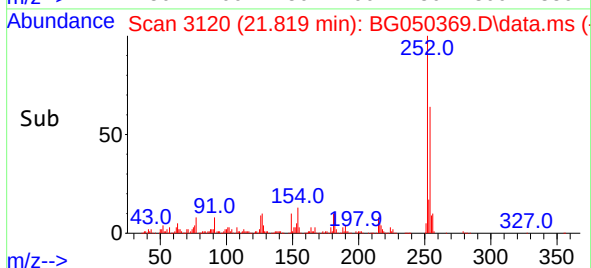
Tgt Ion:149 Resp: 283939
Ion Ratio Lower Upper
149 100
91 81.5 65.8 98.6
206 20.7 17.2 25.8



#84
3,3'-Dichlorobenzidine
Concen: 51.92 ng/ul
RT: 21.819 min Scan# 3120
Delta R.T. -0.012 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54



Tgt Ion:252 Resp: 211201
Ion Ratio Lower Upper
252 100
254 63.6 52.2 78.2
126 9.3 8.3 12.5

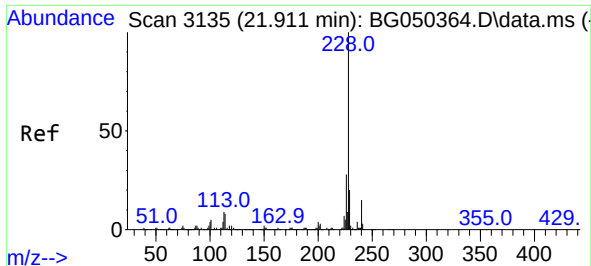


Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

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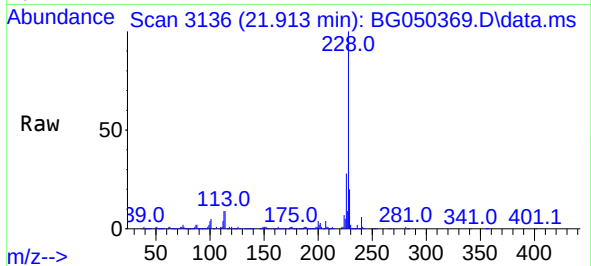
mohammad

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#85
Benzo(a)anthracene
Concen: 54.65 ng/ul
RT: 21.913 min Scan# 3136
Delta R.T. -0.012 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Instrument :
BNA_G
ClientSampled :
EW7S7MSD

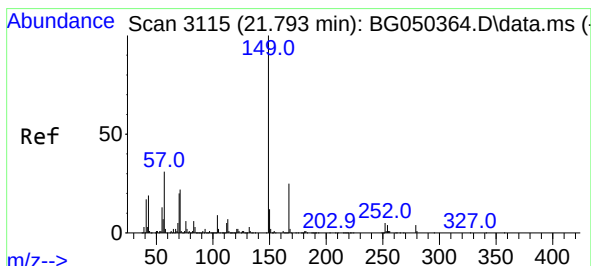
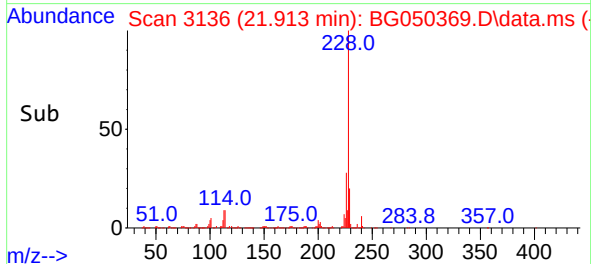
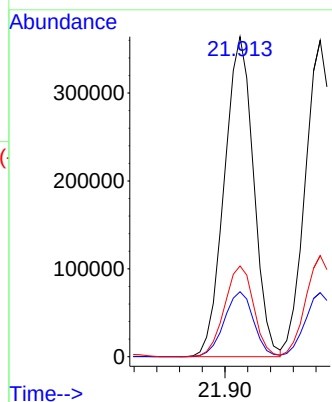


Tgt Ion:228 Resp: 650180
Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 28.3 22.2 33.2

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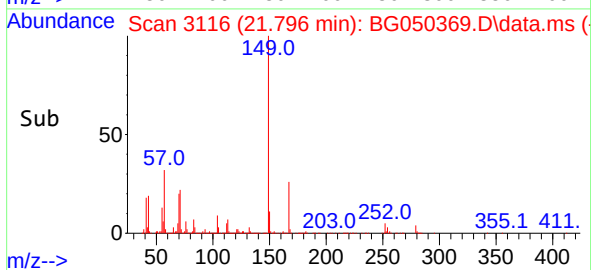
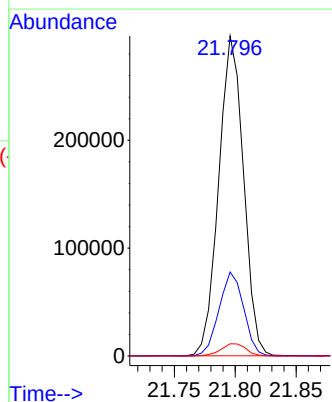
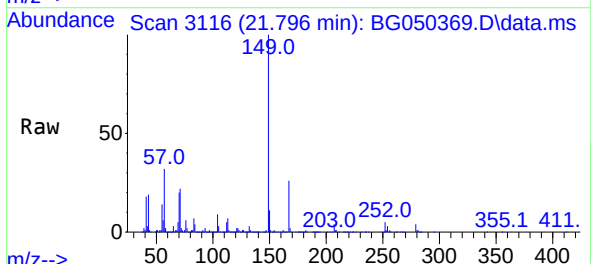
mohammad

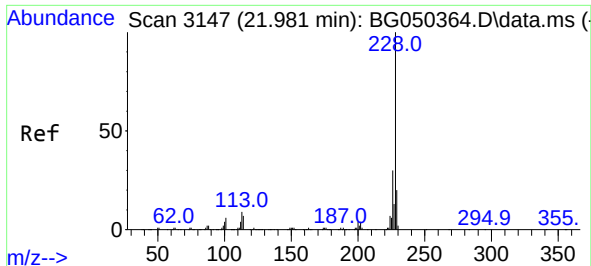
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#86
Bis(2-ethylhexyl)phthalate
Concen: 61.04 ng/ul
RT: 21.796 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Tgt Ion:149 Resp: 420114
Ion Ratio Lower Upper
149 100
167 26.2 21.3 31.9
279 3.8 2.8 4.2





#87
Chrysene
Concen: 53.98 ng/ul
RT: 21.984 min Scan# 3148
Delta R.T. -0.012 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

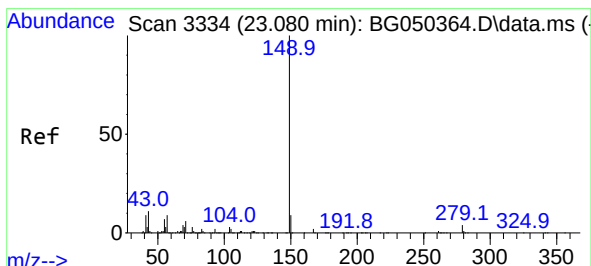
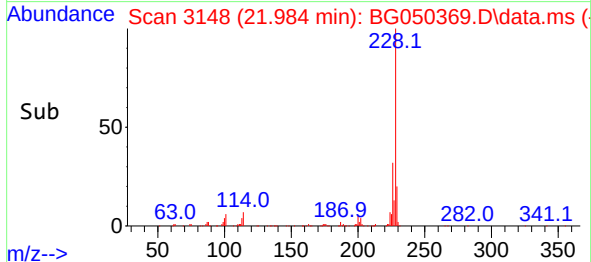
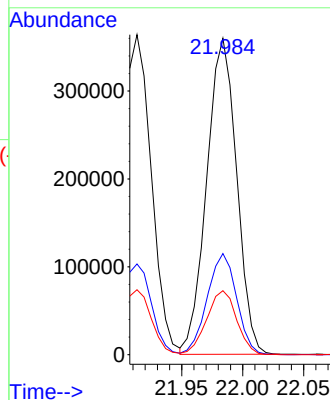
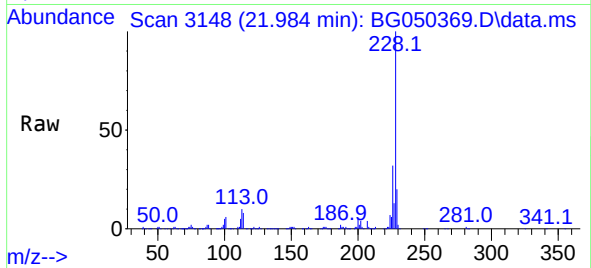
Tgt Ion:228 Resp: 615498
Ion Ratio Lower Upper
228 100
226 32.0 25.4 38.0
229 20.3 16.2 24.2

Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

Manual Integrations
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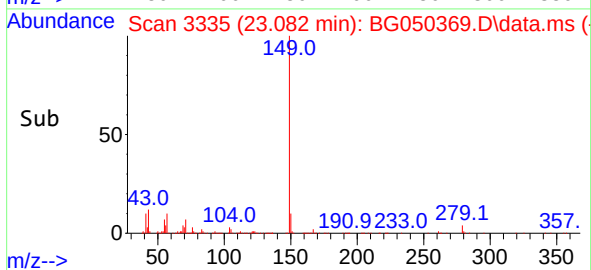
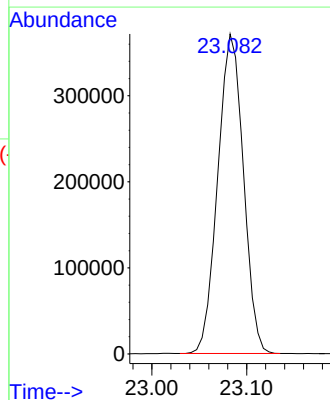
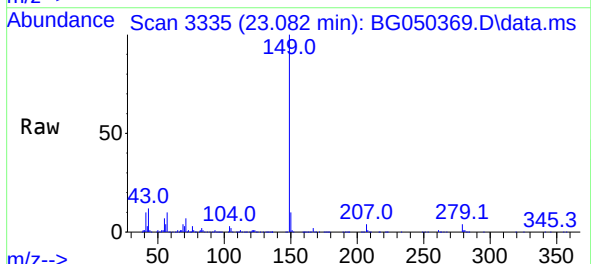
mohammad

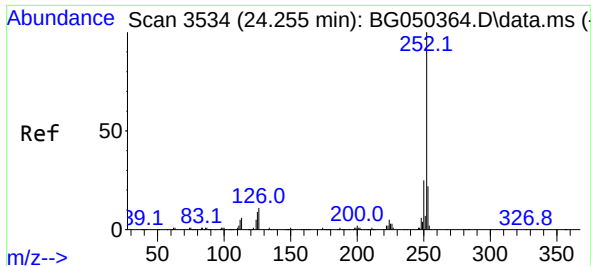
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#89
Di-n-octyl phthalate
Concen: 60.49 ng/ul
RT: 23.082 min Scan# 3335
Delta R.T. -0.018 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Tgt Ion:149 Resp: 697302





#90
Benzo(b)fluoranthene
Concen: 55.14 ng/ul
RT: 24.263 min Scan# 3536
Delta R.T. -0.018 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

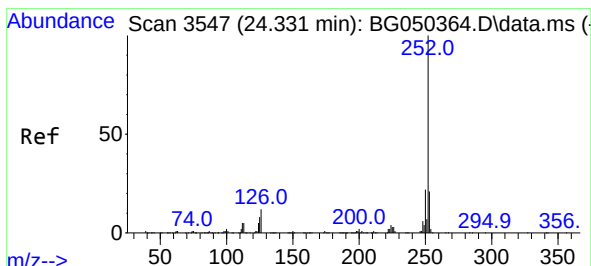
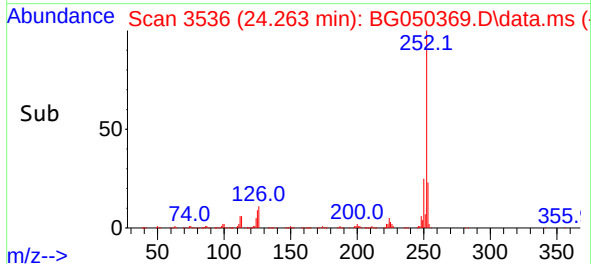
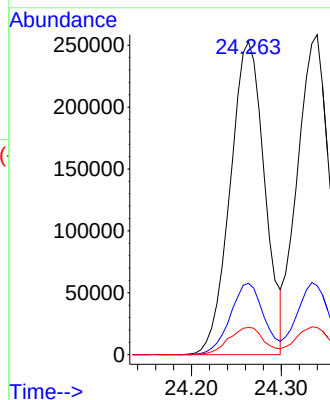
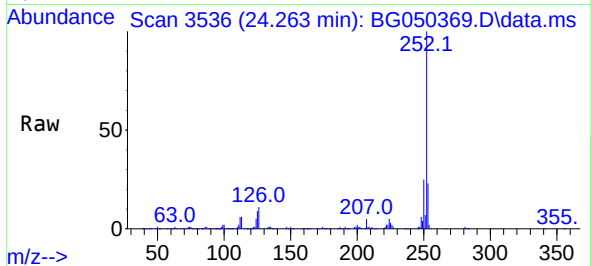
Tgt Ion:252 Resp: 673767
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 8.7 6.7 10.1

Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

Manual Integrations
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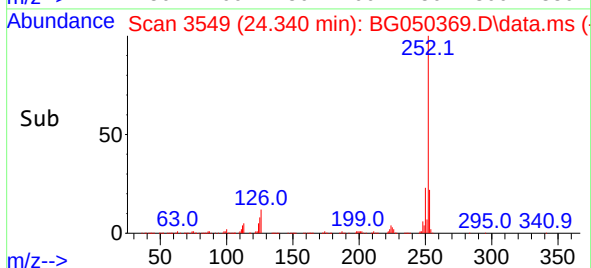
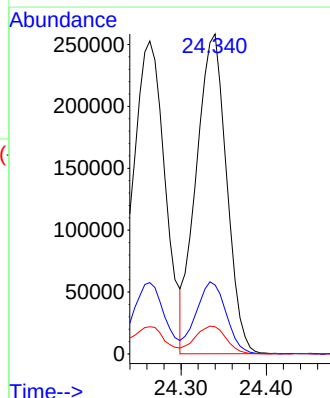
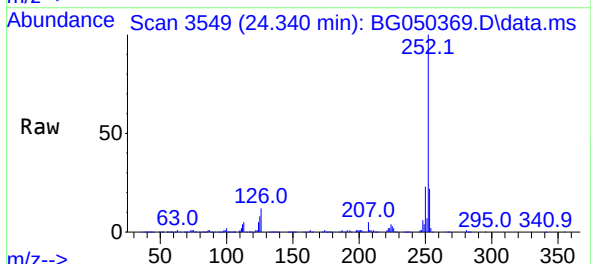
mohammad

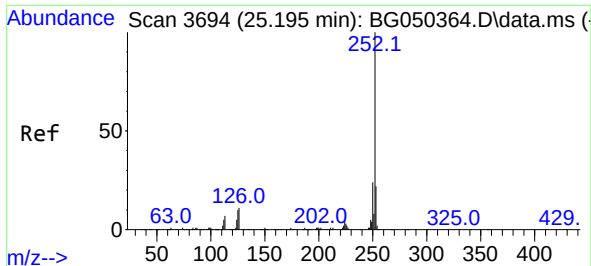
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#91
Benzo(k)fluoranthene
Concen: 56.05 ng/ul
RT: 24.340 min Scan# 3549
Delta R.T. -0.012 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Tgt Ion:252 Resp: 637320
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 8.5 7.4 11.0





#93
Benzo(a)pyrene
Concen: 50.22 ng/ul
RT: 25.198 min Scan# 3695
Delta R.T. -0.018 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

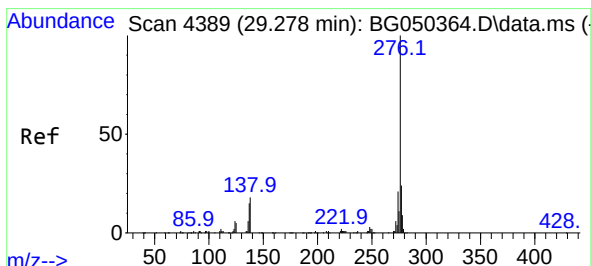
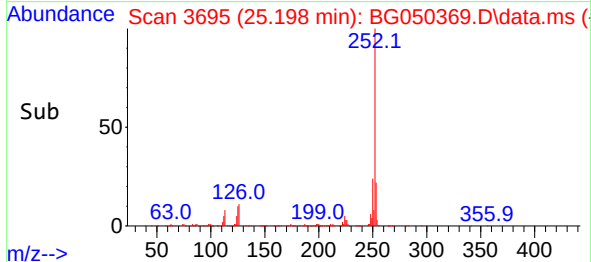
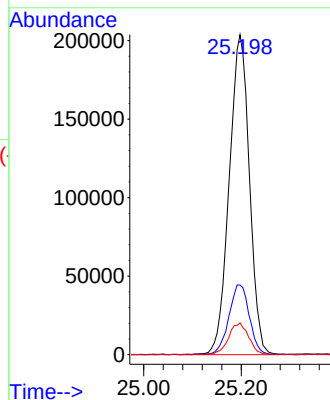
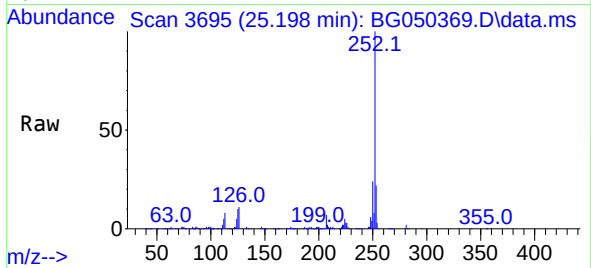
Tgt Ion: 252 Resp: 585536
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 9.9 8.3 12.5

Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

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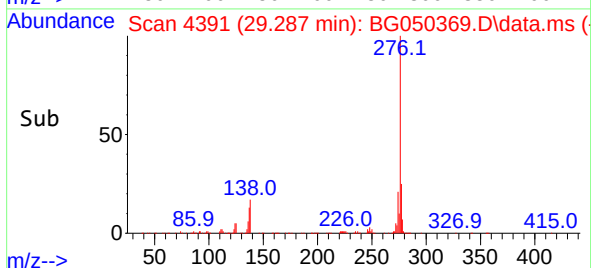
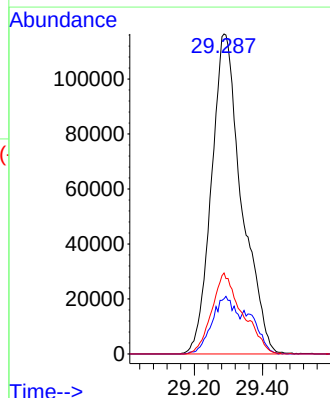
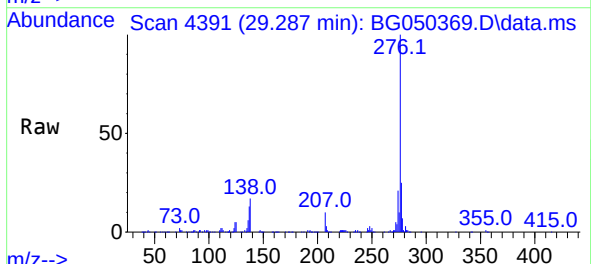
mohammad

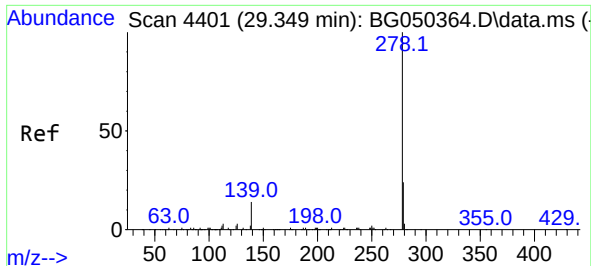
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#94
Indeno(1,2,3-cd)pyrene
Concen: 54.65 ng/ul
RT: 29.287 min Scan# 4391
Delta R.T. -0.029 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

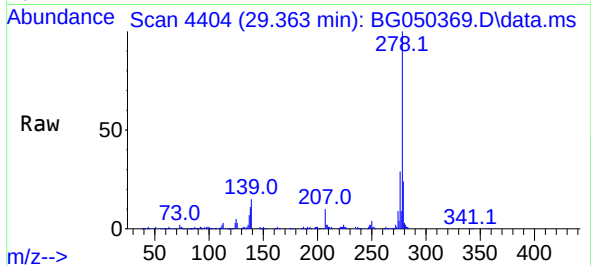
Tgt Ion: 276 Resp: 715416
Ion Ratio Lower Upper
276 100
138 17.3 12.4 18.6
277 25.3 18.5 27.7





#95
Dibenzo(a,h)anthracene
Concen: 53.58 ng/ul
RT: 29.363 min Scan# 4404
Delta R.T. -0.029 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54

Instrument :
BNA_G
ClientSampleId :
EW7S7MSD

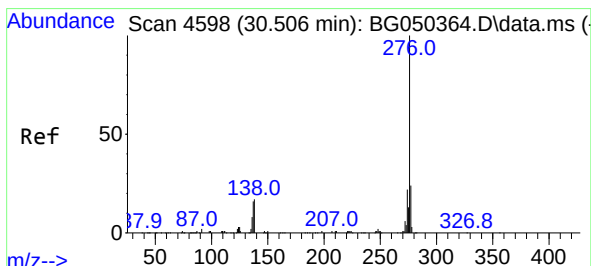
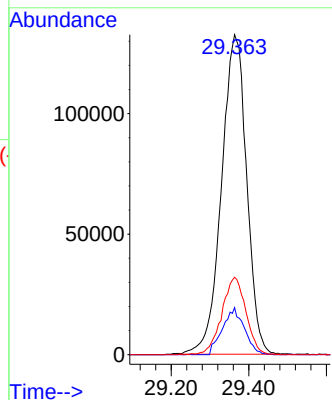
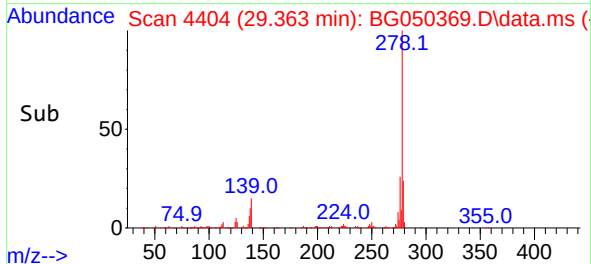


Tgt Ion:278 Resp: 596892
Ion Ratio Lower Upper
278 100
139 14.7 11.3 16.9
279 24.2 18.3 27.5

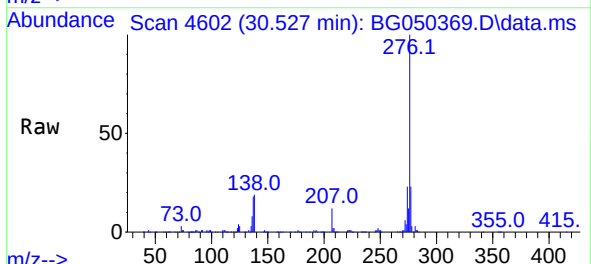
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#96
Benzo(g,h,i)perylene
Concen: 53.48 ng/ul
RT: 30.527 min Scan# 4602
Delta R.T. -0.029 min
Lab File: BG050369.D
Acq: 1 Oct 2021 23:54



Tgt Ion:276 Resp: 590132
Ion Ratio Lower Upper
276 100
138 18.6 14.1 21.1
277 22.8 17.9 26.9

