

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
 Data File : BG050182.D
 Acq On : 8 Sep 2021 2:09
 Operator : CG/JU
 Sample : M3573-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESQK5MS

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Quant Time: Sep 08 09:33:23 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	7.945	152	30120	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.765	136	112831	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.607	164	74963	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.362	188	163197	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.633	240	176390	20.000	ng/ul	0.00
88) Perylene-d12	24.852	264	182762	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	4416	7.248	ng/uL	0.00
4) Pyridine-d5	3.745	84	24569	11.361	ng/ul	0.00
7) Phenol-d5	7.123	99	17602	7.527	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.270	67	42122	30.841	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.481	132	45446	23.415	ng/ul	0.00
15) 4-Methylphenol-d8	8.668	113	43187	23.487	ng/ul	-0.01
21) Nitrobenzene-d5	9.120	128	38764	50.053	ng/ul	0.00
24) 2-Nitrophenol-d4	9.849	143	31637	33.595	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.401	165	56840	31.624	ng/ul	0.00
31) 4-Chloroaniline-d4	10.906	131	70186	31.695	ng/ul	-0.01
46) Dimethylphthalate-d6	14.014	166	219740	38.821	ng/ul	0.00
49) Acenaphthylene-d8	14.302	160	239863	35.589	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.854	143	6357m	9.308	ng/ul	0.00
60) Fluorene-d10	15.606	176	182103	38.746	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.747	200	40482	41.122	ng/ul	0.00
73) Anthracene-d10	17.462	188	300029	40.953	ng/ul	0.00
81) Pyrene-d10	19.753	212	375146	42.698	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.629	264	378288	39.100	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	6830	9.845	ng/uL#	87
5) Pyridine	3.763	79	30700	13.506	ng/ul#	89
6) Benzaldehyde	7.082	77	58075	44.798	ng/ul	97
8) Phenol	7.147	94	20575	8.934	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.364	93	60435	35.395	ng/ul	99
12) 2-Chlorophenol	7.517	128	48618	25.707	ng/ul#	89
13) 2-Methylphenol	8.410	108	46162	24.904	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.474	45	67784	39.336	ng/ul	99
16) Acetophenone	8.780	105	117717	43.513	ng/ul#	94
17) N-Nitroso-di-n-propyla...	8.756	70	67106	46.516	ng/ul	92
18) 4-Methylphenol	8.739	108	45957	26.104	ng/ul	85
19) Hexachloroethane	9.032	117	34103	43.229	ng/ul	97
22) Nitrobenzene	9.161	77	98973	49.071	ng/ul	99
23) Isophorone	9.684	82	157625	40.926	ng/ul	96
25) 2-Nitrophenol	9.878	139	32782	35.286	ng/ul	93
26) 2,4-Dimethylphenol	9.943	107	60107	27.188	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.166	93	77498	33.172	ng/ul	96
29) 2,4-Dichlorophenol	10.424	162	56459	34.344	ng/ul	98
30) Naphthalene	10.818	128	184828	35.667	ng/ul	97
32) 4-Chloroaniline	10.930	127	74056	35.503	ng/ul	87
33) Hexachlorobutadiene	11.094	225	43050	33.037	ng/ul	95
34) Caprolactam	11.717	113	3396m	6.790	ng/ul	
35) 4-Chloro-3-methylphenol	12.069	107	80731	43.571	ng/ul	95
36) 2-Methylnaphthalene	12.428	142	161285	42.088	ng/ul	93

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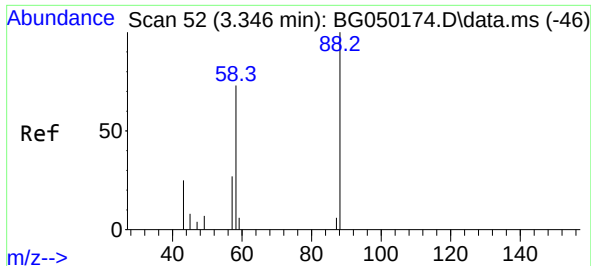
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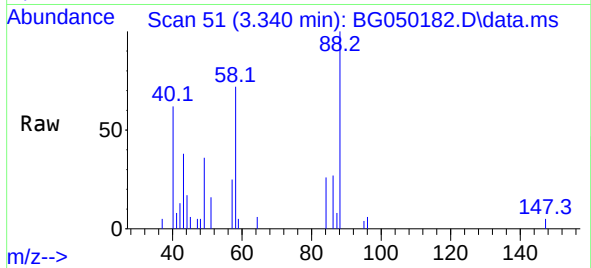
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	219683	59.703	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.804	216	120024	47.339	ng/ul#	98
40) Hexachlorocyclopentadiene	12.774	237	14563	21.183	ng/ul	96
41) 2,4,6-Trichlorophenol	13.050	196	68363	47.756	ng/ul	90
42) 2,4,5-Trichlorophenol	13.127	196	68564	45.801	ng/ul	95
43) 1,1'-Biphenyl	13.438	154	200979	37.138	ng/ul	99
44) 2-Chloronaphthalene	13.485	162	156345	36.736	ng/ul	95
45) 2-Nitroaniline	13.696	65	57675	42.806	ng/ul	98
47) Dimethylphthalate	14.061	163	226791	41.978	ng/ul#	98
48) 2,6-Dinitrotoluene	14.190	165	49263	42.826	ng/ul#	88
50) Acenaphthylene	14.331	152	234602	37.245	ng/ul	96
51) 3-Nitroaniline	14.525	138	46731	44.622	ng/ul	92
52) Acenaphthene	14.672	153	173463	38.648	ng/ul	97
53) 2,4-Dinitrophenol	14.754	184	20957	44.484	ng/ul#	83
55) 4-Nitrophenol	14.866	109	7714	10.149	ng/ul#	89
56) Dibenzofuran	15.012	168	245490	39.755	ng/ul	100
57) 2,4-Dinitrotoluene	14.989	165	72972	44.392	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.247	232	50863	44.859	ng/ul	93
59) Diethylphthalate	15.418	149	237467	43.488	ng/ul	98
61) Fluorene	15.659	166	212715	41.087	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.647	204	109248	39.632	ng/ul	98
63) 4-Nitroaniline	15.694	138	46982	48.169	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.758	198	39371	45.031	ng/ul#	98
67) N-Nitrosodiphenylamine	15.864	169	183878	41.669	ng/ul	99
68) 4-Bromophenyl-phenylether	16.546	248	82634	42.729	ng/ul	95
69) Hexachlorobenzene	16.675	284	91947	41.934	ng/ul	94
70) Atrazine	16.816	200	85677	46.305	ng/ul	97
71) Pentachlorophenol	17.027	266	24349	40.540	ng/ul	92
72) Phenanthrene	17.409	178	366485	44.030	ng/ul	98
74) Anthracene	17.497	178	371005m	43.958	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.409	216	90137	35.640	ng/ul	91
76) Pentachlorobenzene	14.936	250	99903	38.257	ng/ul	97
77) Carbazole	17.773	167	338417	45.482	ng/ul	98
78) Di-n-butylphthalate	18.314	149	406057	45.126	ng/ul	99
80) Fluoranthene	19.418	202	473453	43.356	ng/ul#	97
82) Pyrene	19.782	202	467004	43.602	ng/ul	97
83) Butylbenzylphthalate	20.658	149	188142	45.930	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.527	252	140599	36.954	ng/ul	93
85) Benzo(a)anthracene	21.615	228	463158	42.890	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.504	149	270511	44.219	ng/ul	99
87) Chrysene	21.686	228	444275	44.134	ng/ul	95
89) Di-n-octyl phthalate	22.702	149	446999	42.260	ng/ul	100
90) Benzo(b)fluoranthene	23.830	252	491282	42.953	ng/ul#	99
91) Benzo(k)fluoranthene	23.894	252	477582	43.743	ng/ul	99
93) Benzo(a)pyrene	24.705	252	423970	42.400	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.541	276	560626m	42.788	ng/ul	
95) Dibenzo(a,h)anthracene	28.588	278	456860	42.034	ng/ul#	98
96) Benzo(g,h,i)perylene	29.692	276	457742	43.605	ng/ul	97

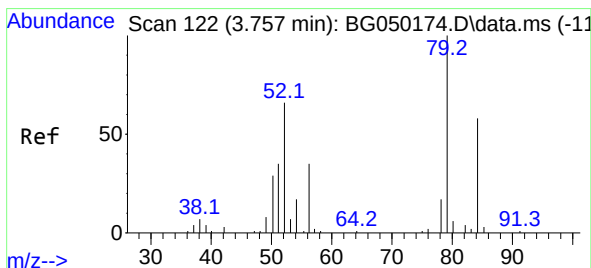
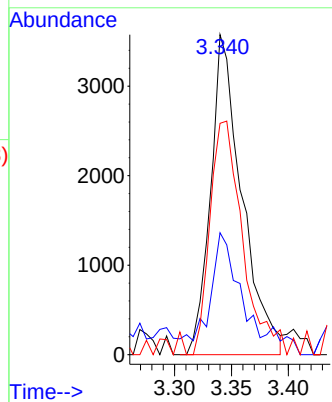
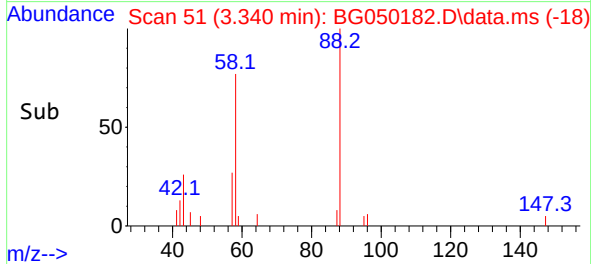
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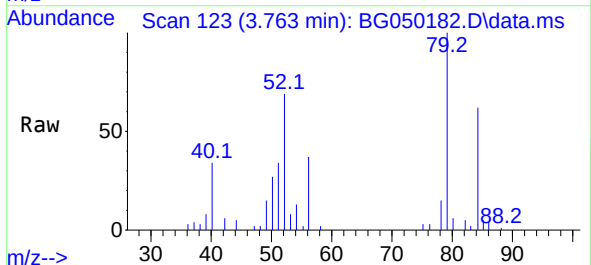
#2
1,4-Dioxane
Concen: 9.845 ng/uL
RT: 3.340 min Scan# 51
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



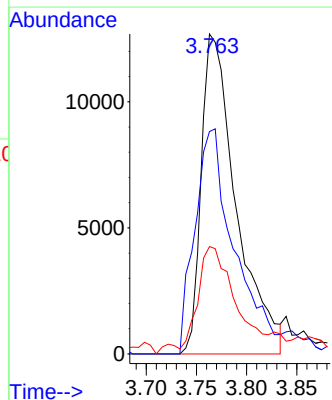
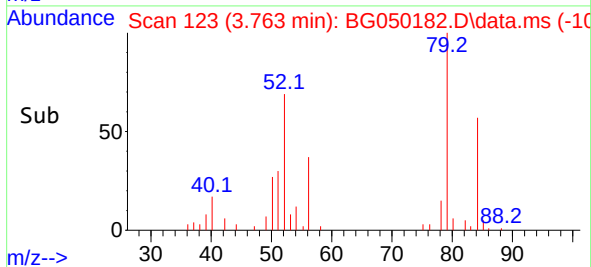
Tgt Ion: 88 Resp: 6830
Ion Ratio Lower Upper
88 100
43 38.1 21.6 32.4#
58 72.3 52.0 78.0



#5
Pyridine
Concen: 13.506 ng/uL
RT: 3.763 min Scan# 123
Delta R.T. 0.001 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



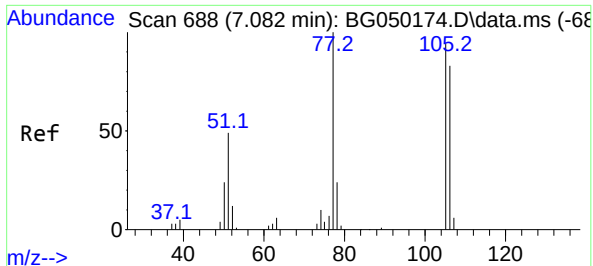
Tgt Ion: 79 Resp: 30700
Ion Ratio Lower Upper
79 100
52 69.5 61.1 91.7
51 33.5 34.8 52.2#



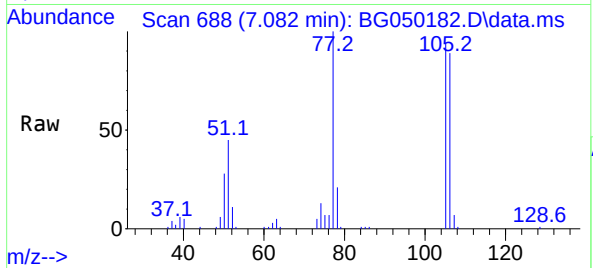
Instrument :
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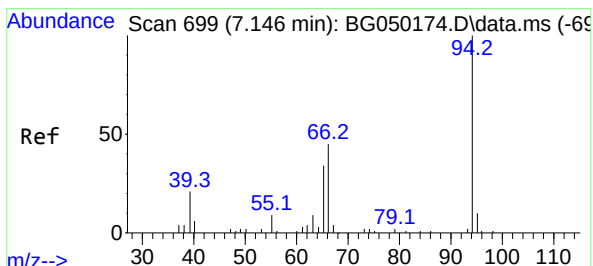
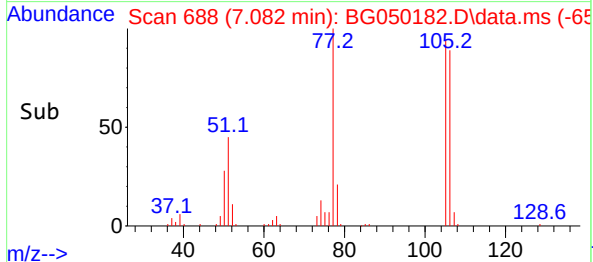
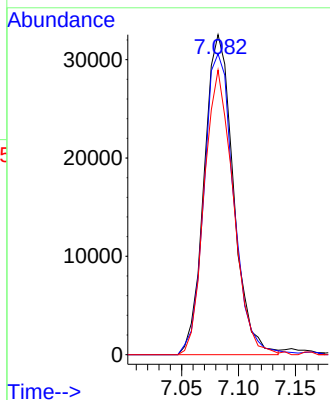
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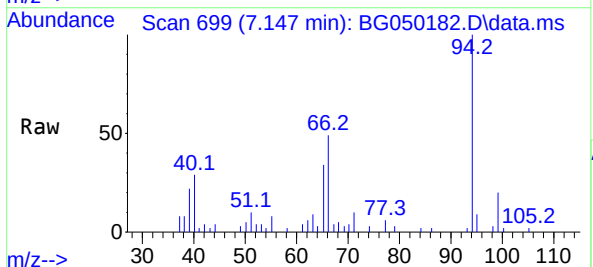
#6
Benzaldehyde
Concen: 44.798 ng/ul
RT: 7.082 min Scan# 688
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



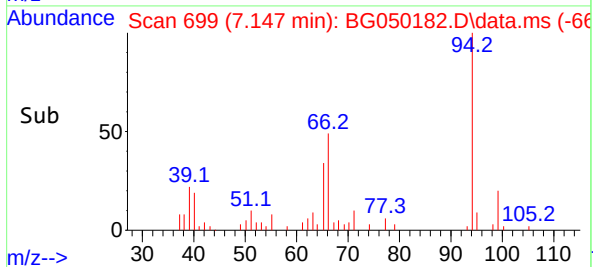
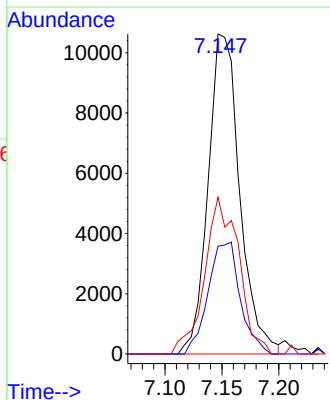
Tgt Ion:	77	Resp:	58075
Ion	Ratio	Lower	Upper
77	100		
105	94.0	72.3	108.5
106	88.9	72.3	108.5



#8
Phenol
Concen: 8.934 ng/ul
RT: 7.147 min Scan# 699
Delta R.T. -0.011 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



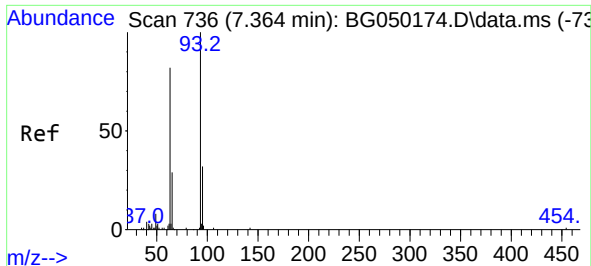
Tgt Ion:	94	Resp:	20575
Ion	Ratio	Lower	Upper
94	100		
65	33.7	27.7	41.5
66	49.0	39.0	58.4



Instrument :
BNA_G
ClientSampleId :
ESQK5MS

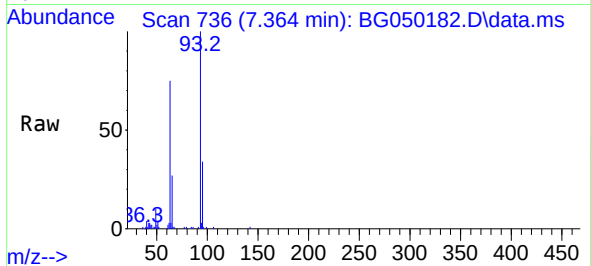
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#10
Bis(2-Chloroethyl)ether
Concen: 35.395 ng/ul
RT: 7.364 min Scan# 736
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

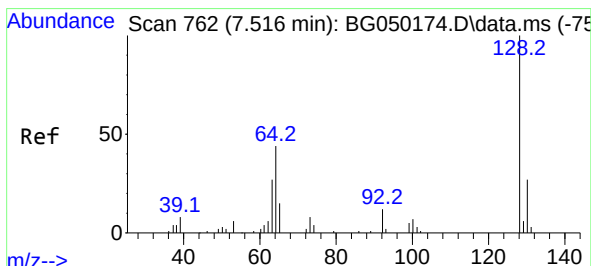
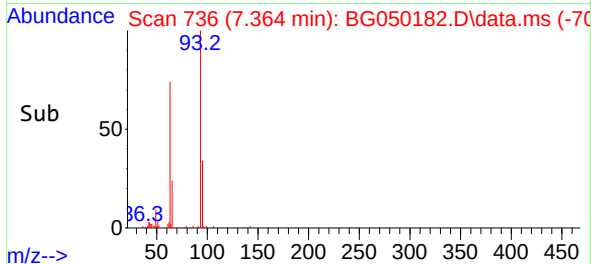
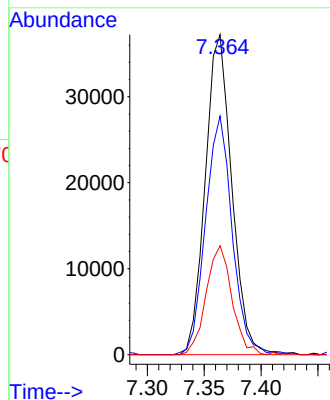
Instrument :
BNA_G
ClientSampleId :
ESQK5MS



Tgt Ion:	93	Resp:	60435
Ion	Ratio	Lower	Upper
93	100		
63	74.6	59.9	89.9
95	34.1	27.6	41.4

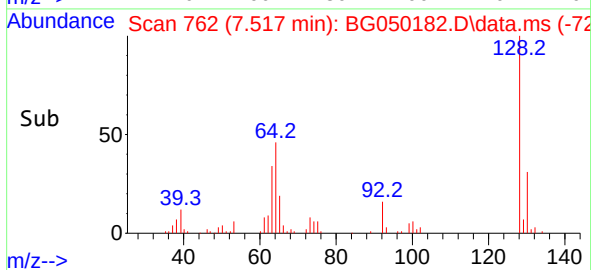
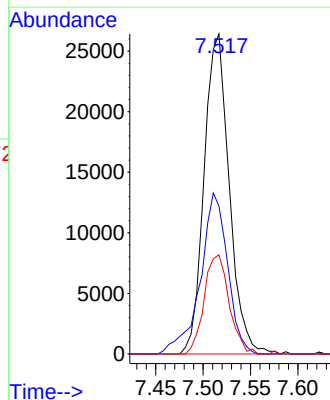
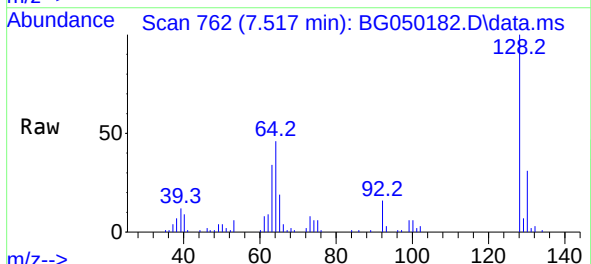
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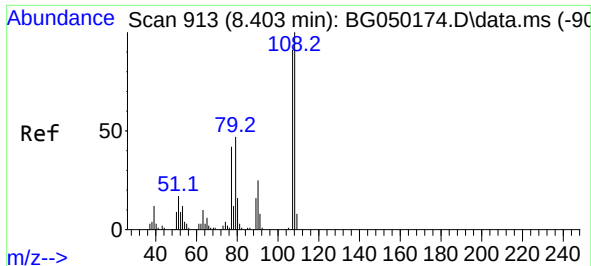
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#12
2-Chlorophenol
Concen: 25.707 ng/ul
RT: 7.517 min Scan# 762
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

Tgt Ion:	128	Resp:	48618
Ion	Ratio	Lower	Upper
128	100		
64	46.2	28.0	42.0#
130	31.0	24.4	36.6





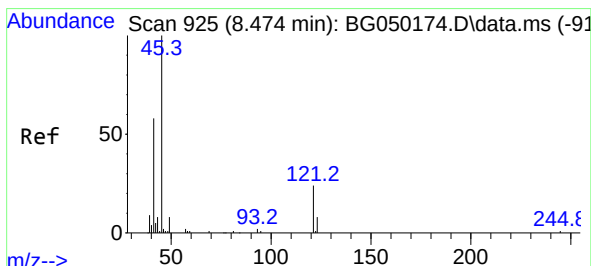
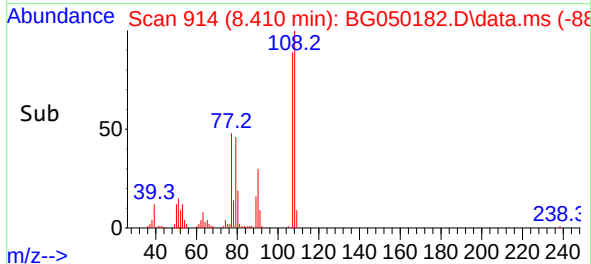
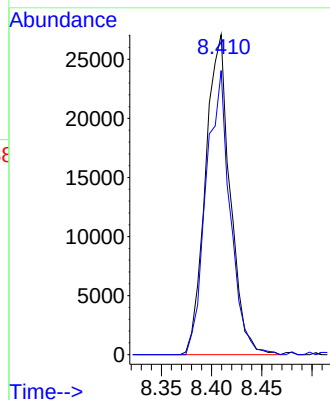
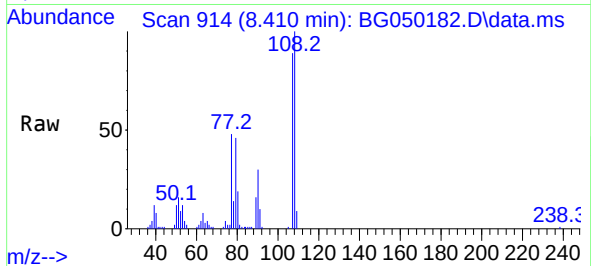
#13
2-Methylphenol
Concen: 24.904 ng/ul
RT: 8.410 min Scan# 914
Delta R.T. -0.005 min
Lab File: BG050182.D
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Tgt Ion: 108 Resp: 46162
Ion Ratio Lower Upper
108 100
107 88.8 71.0 106.4

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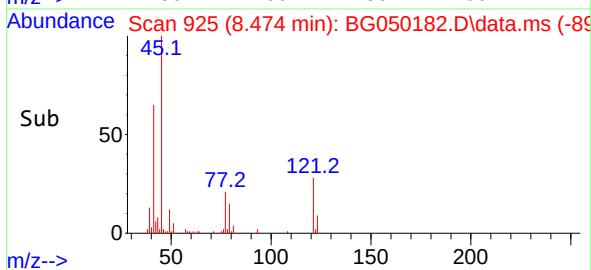
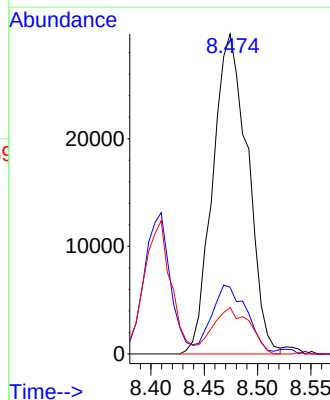
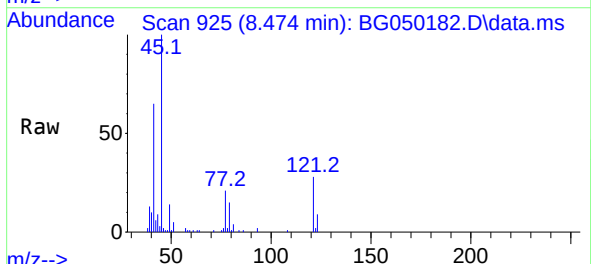
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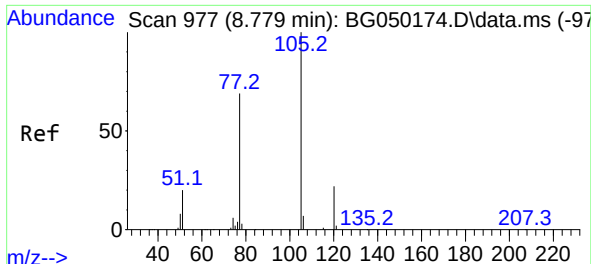
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 39.336 ng/ul
RT: 8.474 min Scan# 925
Delta R.T. 0.001 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

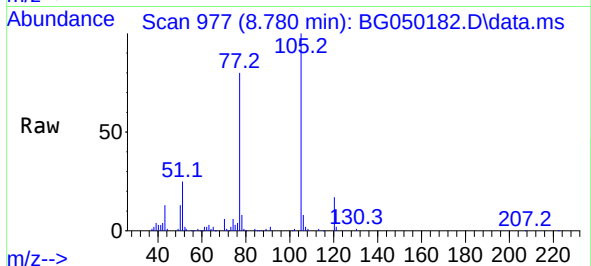
Tgt Ion: 45 Resp: 67784
Ion Ratio Lower Upper
45 100
77 20.9 16.9 25.3
79 14.5 11.0 16.4





#16
Acetophenone
Concen: 43.513 ng/ul
RT: 8.780 min Scan# 977
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

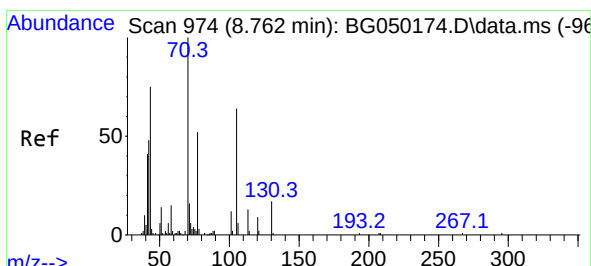
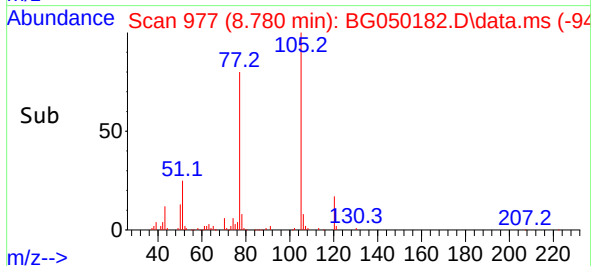
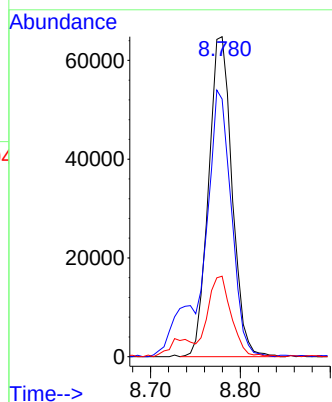
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BNA_G
ClientSampleId :
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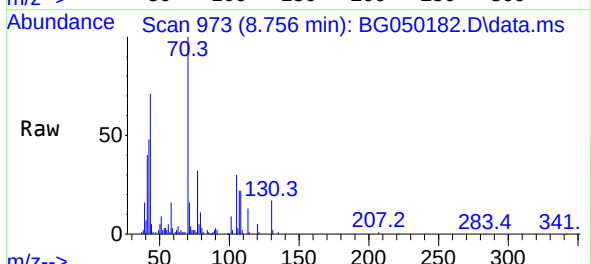
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Ion Ratio Lower Upper
105 100
77 80.5 67.7 101.5
51 25.1 25.3 37.9#

Manual Integrations
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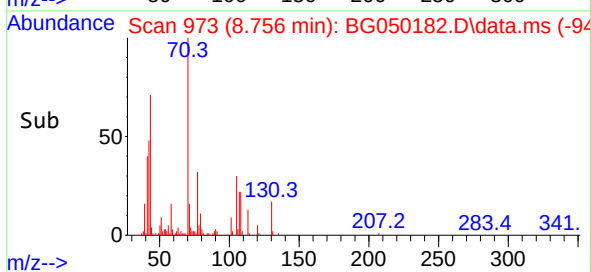
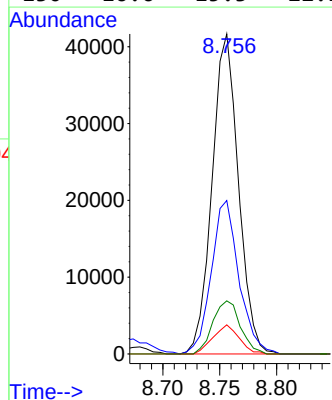
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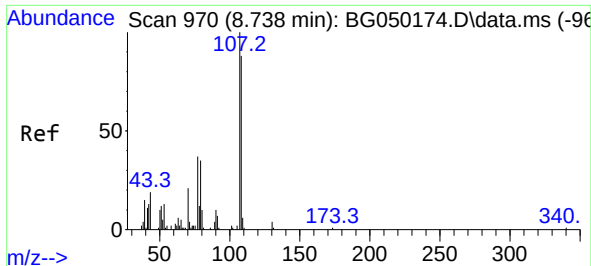


#17
N-Nitroso-di-n-propylamine
Concen: 46.516 ng/ul
RT: 8.756 min Scan# 973
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



Tgt Ion: 70 Resp: 67106
Ion Ratio Lower Upper
70 100
42 48.0 44.2 66.4
101 9.1 7.8 11.8
130 16.6 15.3 22.9





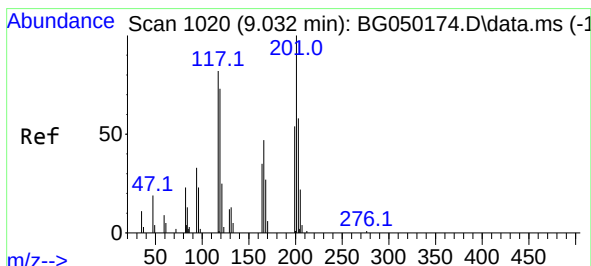
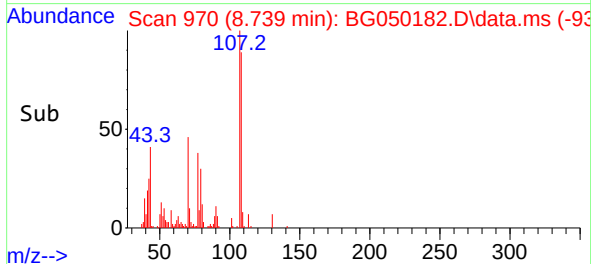
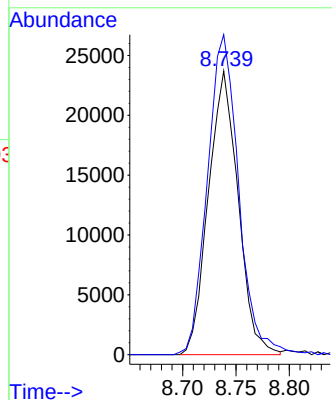
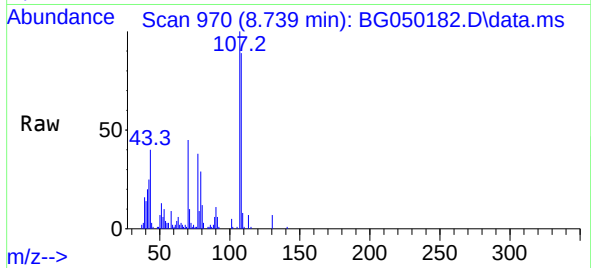
#18
4-Methylphenol
Concen: 26.104 ng/ul
RT: 8.739 min Scan# 970
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

Instrument :
BNA_G
ClientSampleId :
ESQK5MS

Tgt Ion:108 Resp: 45957
Ion Ratio Lower Upper
108 100
107 112.8 78.3 117.5

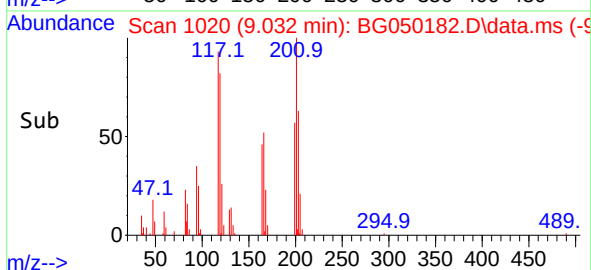
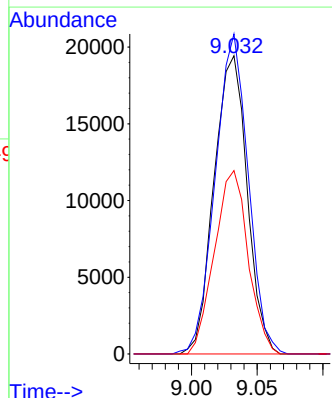
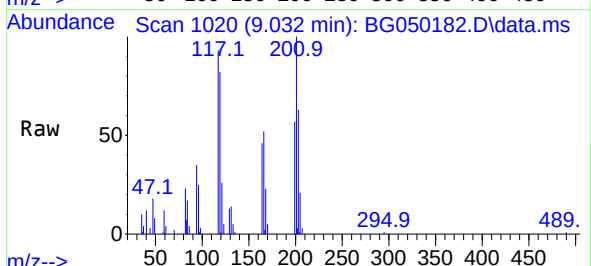
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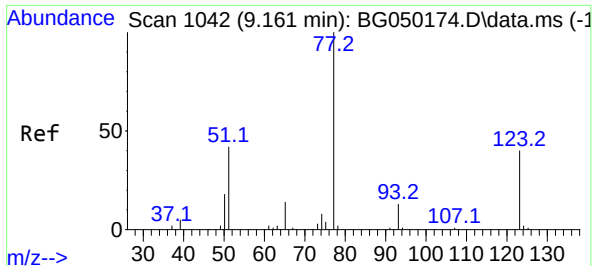
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#19
Hexachloroethane
Concen: 43.229 ng/ul
RT: 9.032 min Scan# 1020
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

Tgt Ion:117 Resp: 34103
Ion Ratio Lower Upper
117 100
201 107.3 89.3 133.9
199 61.5 50.5 75.7





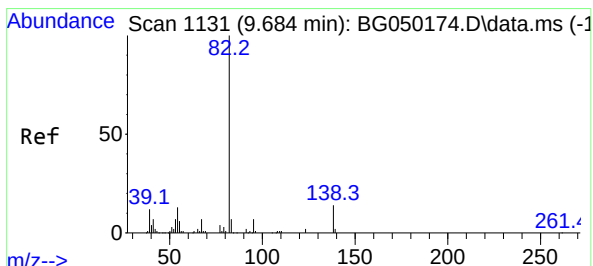
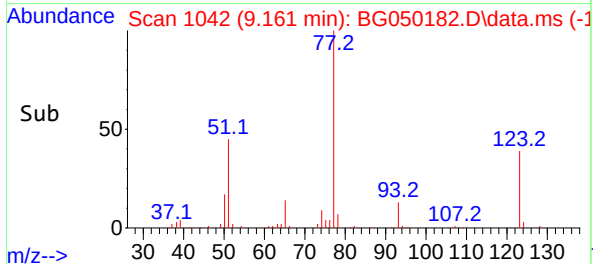
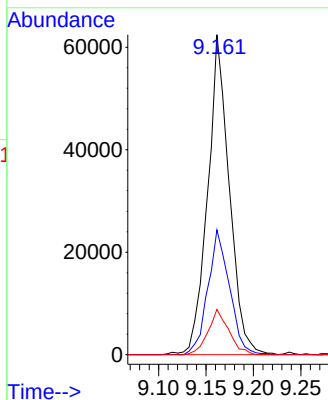
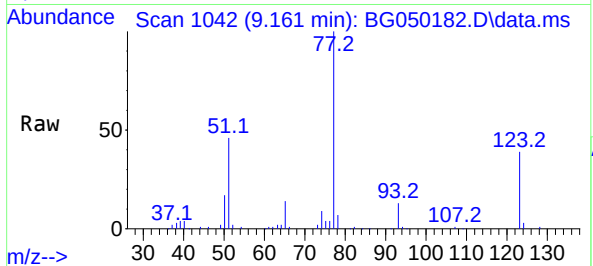
#22
Nitrobenzene
Concen: 49.071 ng/ul
RT: 9.161 min Scan# 1042
Delta R.T. -0.011 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

Tgt Ion:	77	Resp:	98973
Ion	Ratio	Lower	Upper
77	100		
123	39.0	30.4	45.6
65	14.2	11.3	16.9

Instrument :
BNA_G
ClientSampleId :
ESQK5MS

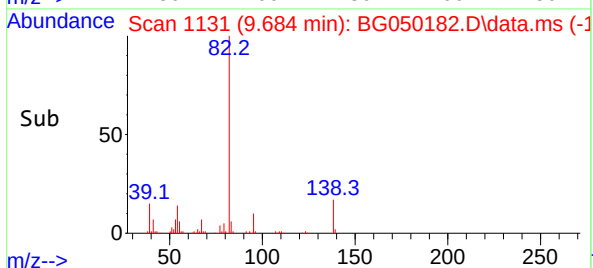
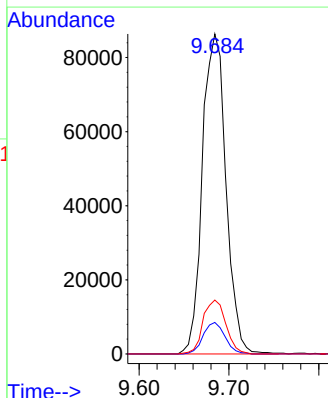
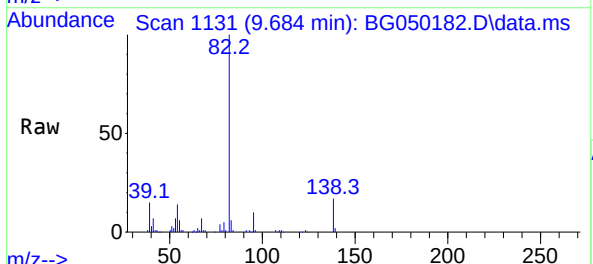
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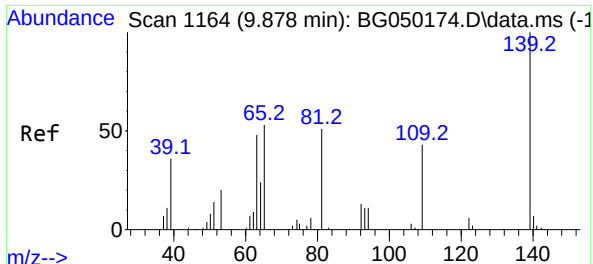
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#23
Isophorone
Concen: 40.926 ng/ul
RT: 9.684 min Scan# 1131
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

Tgt Ion:	82	Resp:	157625
Ion	Ratio	Lower	Upper
82	100		
95	9.8	7.8	11.8
138	16.9	11.4	17.0





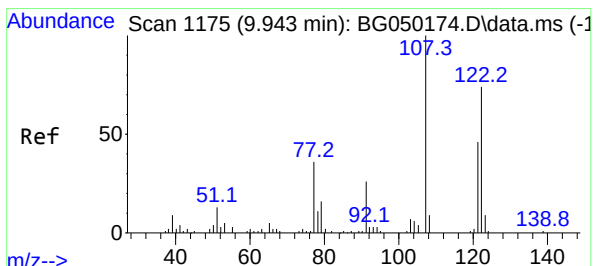
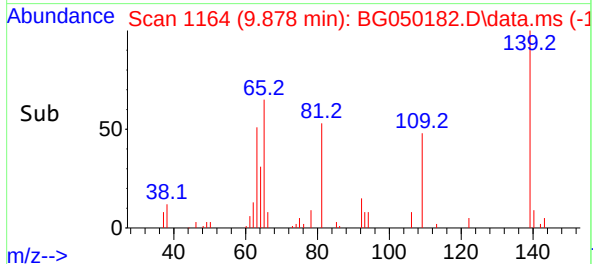
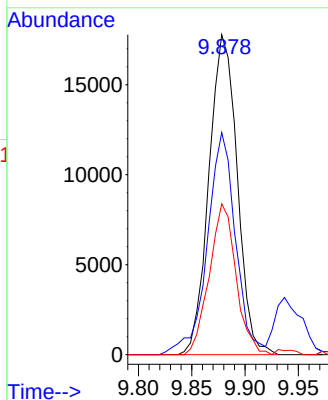
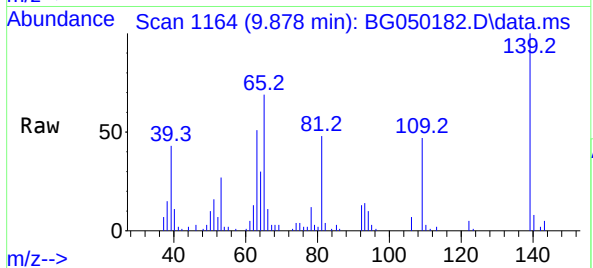
#25
2-Nitrophenol
Concen: 35.286 ng/ul
RT: 9.878 min Scan# 1164
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

Instrument :
BNA_G
ClientSampled :
ESQK5MS

Tgt Ion:	139	Resp:	32782
Ion Ratio	Lower	Upper	
139	100		
65	69.4	53.1	79.7
109	47.1	44.1	66.1

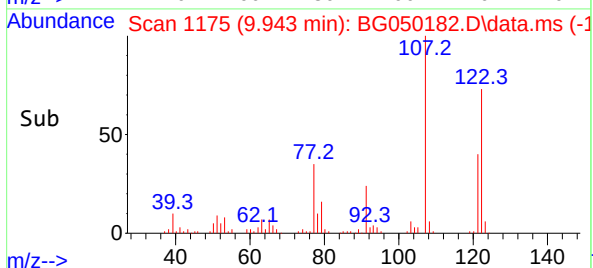
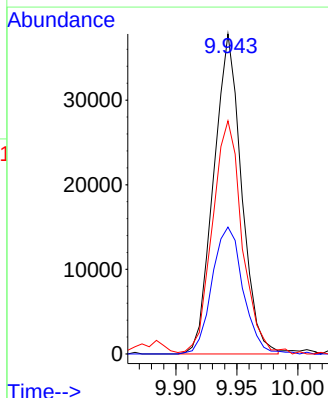
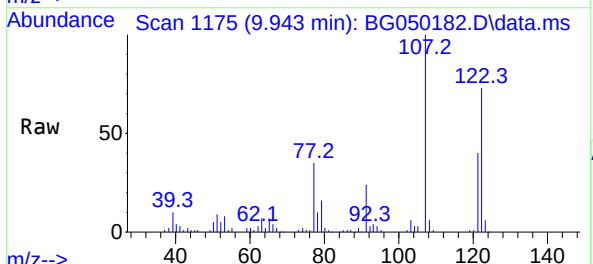
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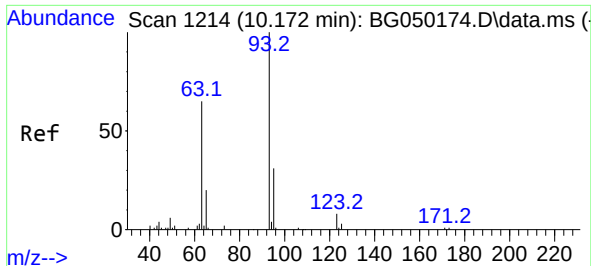
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#26
2,4-Dimethylphenol
Concen: 27.188 ng/ul
RT: 9.943 min Scan# 1175
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

Tgt Ion:	107	Resp:	60107
Ion Ratio	Lower	Upper	
107	100		
121	39.6	32.7	49.1
122	72.8	52.6	79.0





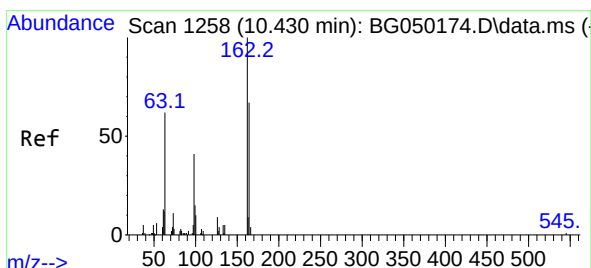
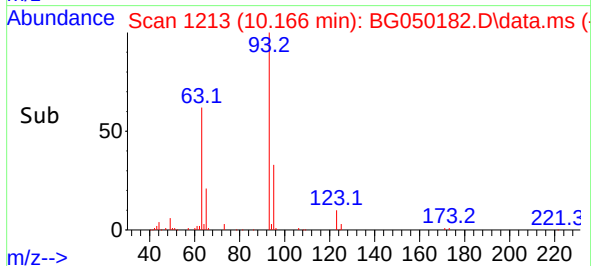
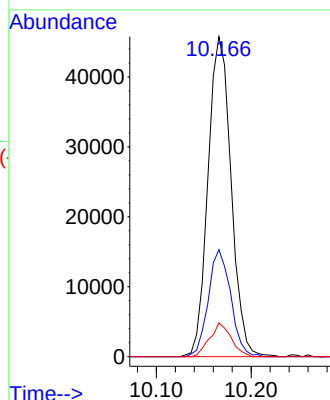
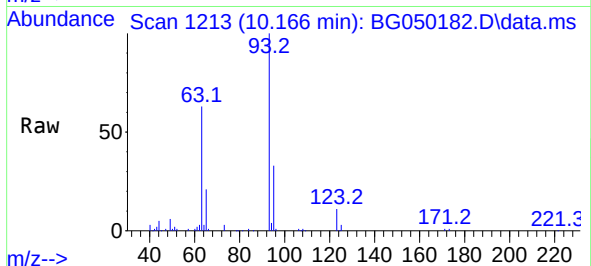
#27
 Bis(2-Chloroethoxy)methane
 Concen: 33.172 ng/ul
 RT: 10.166 min Scan# 1213
 Delta R.T. -0.005 min
 Lab File: BG050182.D
 Acq: 8 Sep 2021 2:09

Tgt Ion:	93	Resp:	77498
Ion Ratio	Lower	Upper	
93	100		
95	33.5	24.8	37.2
123	10.5	8.2	12.2

Instrument :
 BNA_G
 ClientSampleId :
 ESQK5MS

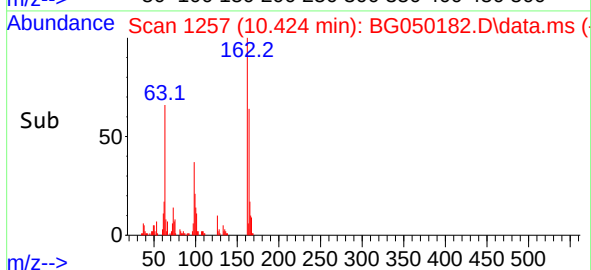
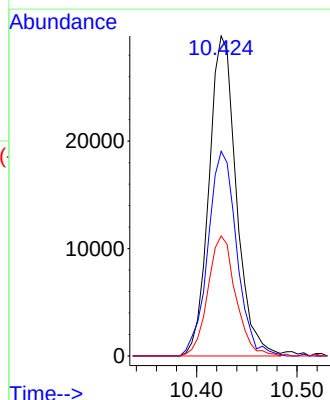
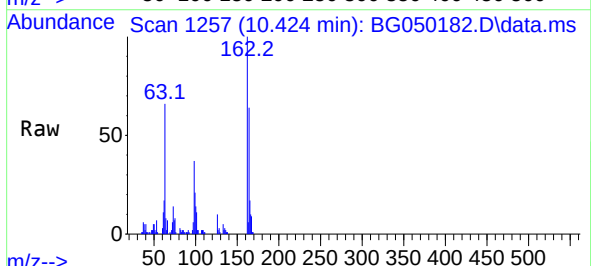
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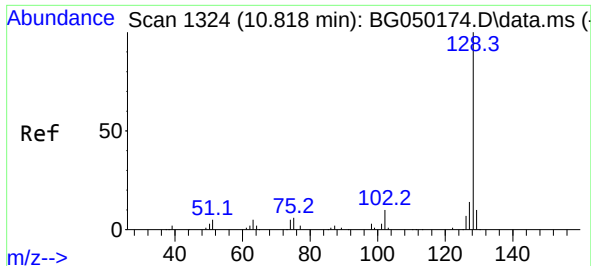
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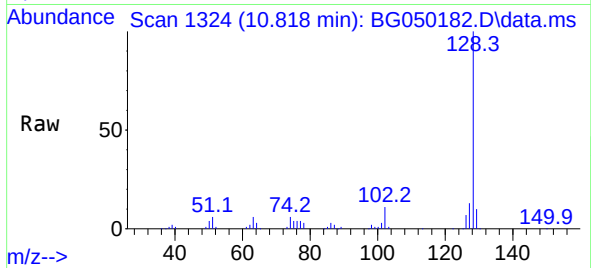
#29
 2,4-Dichlorophenol
 Concen: 34.344 ng/ul
 RT: 10.424 min Scan# 1257
 Delta R.T. -0.011 min
 Lab File: BG050182.D
 Acq: 8 Sep 2021 2:09

Tgt Ion:	162	Resp:	56459
Ion Ratio	Lower	Upper	
162	100		
164	63.9	51.0	76.6
98	37.5	27.8	41.8

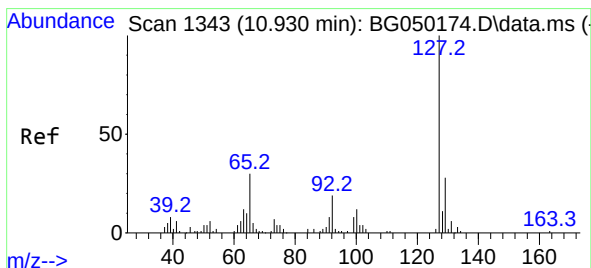
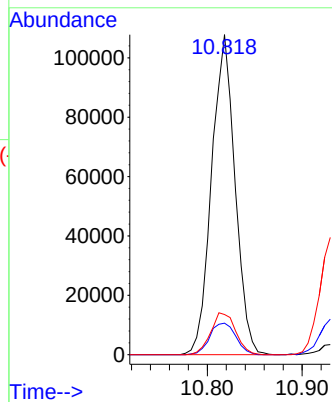
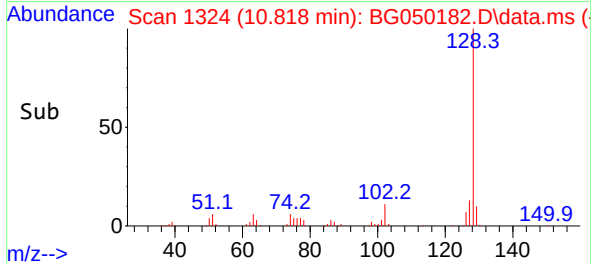




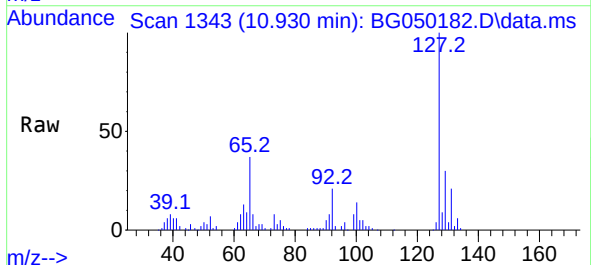
#30
Naphthalene
Concen: 35.667 ng/uI
RT: 10.818 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



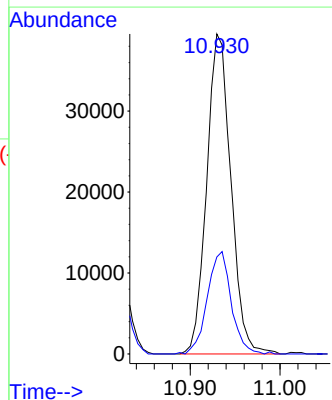
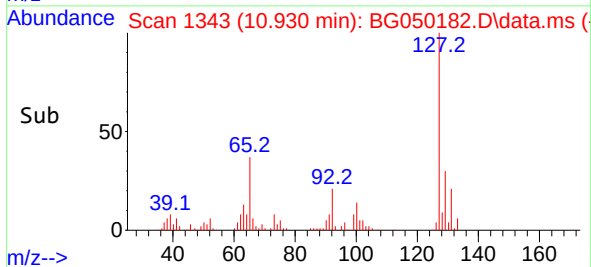
Tgt Ion:128 Resp: 184828
Ion Ratio Lower Upper
128 100
129 9.8 9.3 13.9
127 12.6 9.8 14.6



#32
4-Chloroaniline
Concen: 35.503 ng/uI
RT: 10.930 min Scan# 1343
Delta R.T. -0.011 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



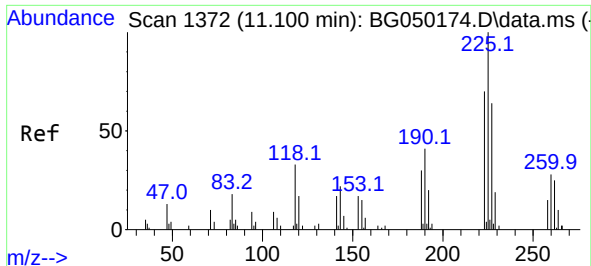
Tgt Ion:127 Resp: 74056
Ion Ratio Lower Upper
127 100
129 30.3 30.3 45.5



Instrument :
BNA_G
ClientSampleId :
ESQK5MS

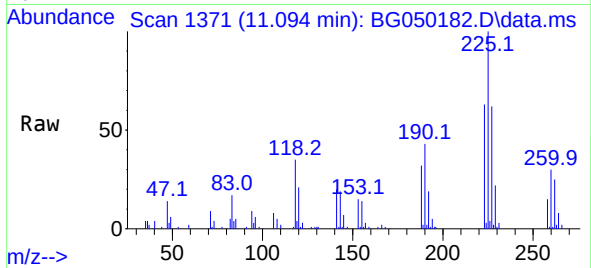
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#33
Hexachlorobutadiene
Concen: 33.037 ng/ul
RT: 11.094 min Scan# 1371
Delta R.T. -0.011 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

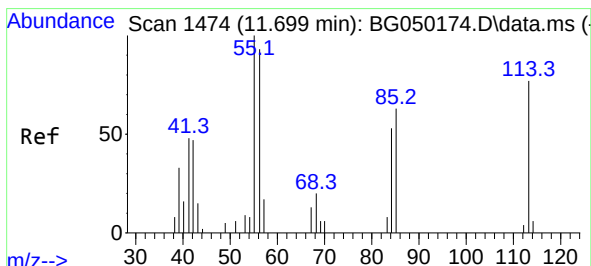
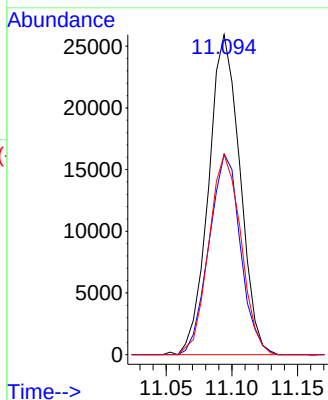
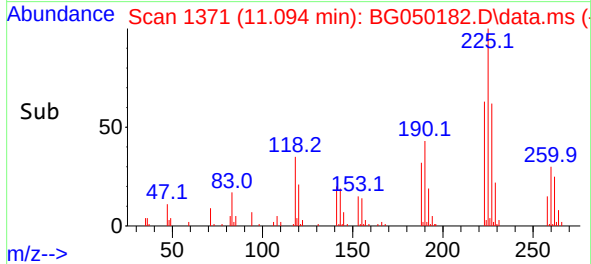
Instrument :
BNA_G
ClientSampled :
ESQK5MS



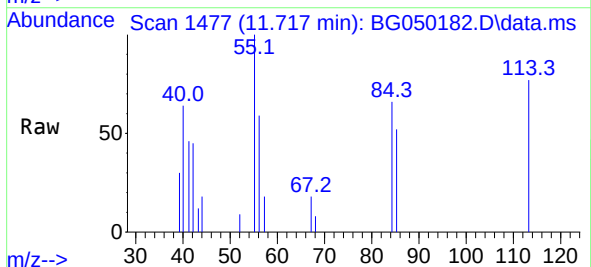
Tgt Ion:225 Resp: 43050
Ion Ratio Lower Upper
225 100
223 62.8 51.3 76.9
227 62.5 55.1 82.7

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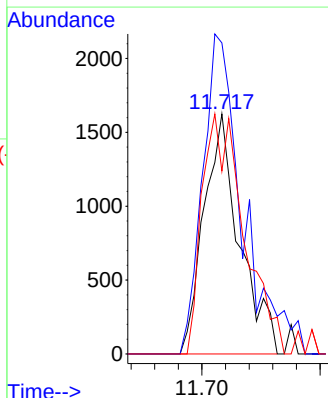
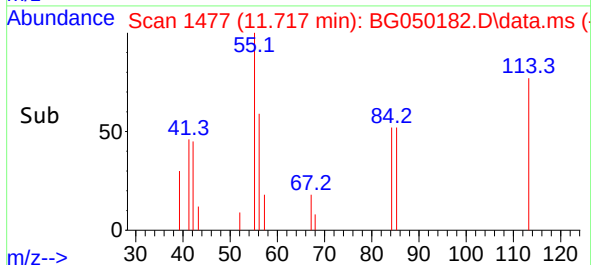
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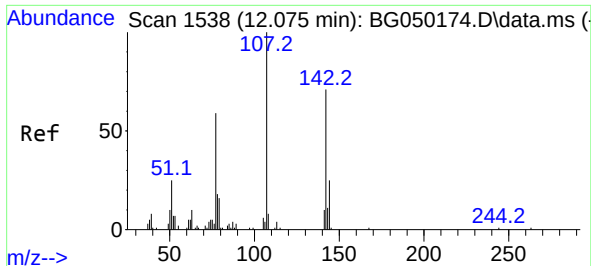


#34
Caprolactam
Concen: 6.790 ng/ul m
RT: 11.717 min Scan# 1477
Delta R.T. 0.001 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



Tgt Ion:113 Resp: 3396
Ion Ratio Lower Upper
113 100
55 129.6 114.0 171.0
56 76.2 107.4 161.0#





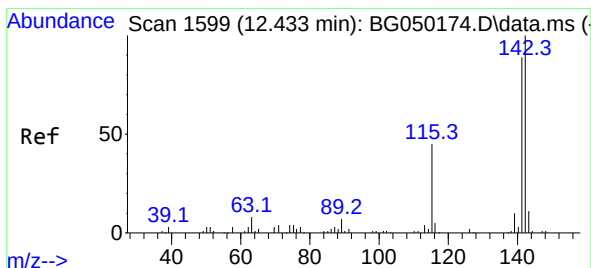
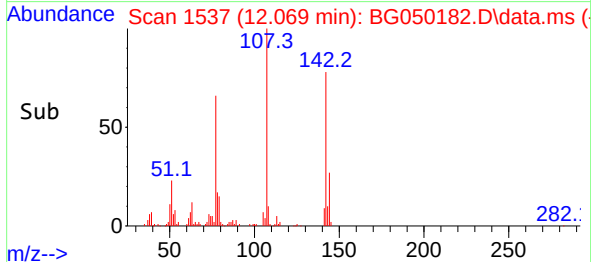
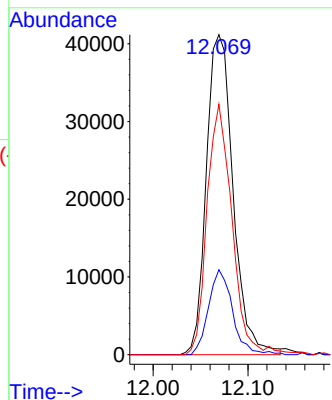
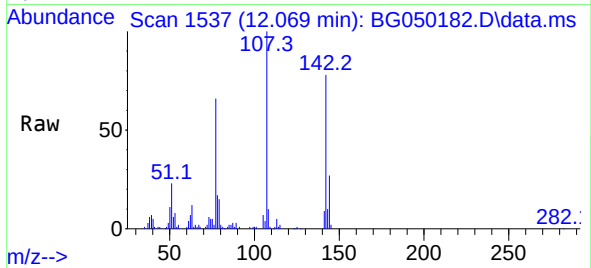
#35
4-Chloro-3-methylphenol
Concen: 43.571 ng/ul
RT: 12.069 min Scan# 1537
Delta R.T. -0.011 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

Tgt Ion:	107	Resp:	80731
Ion Ratio	Lower	Upper	
107	100		
144	26.5	18.9	28.3
142	78.2	59.2	88.8

Instrument :
BNA_G
ClientSampleId :
ESQK5MS

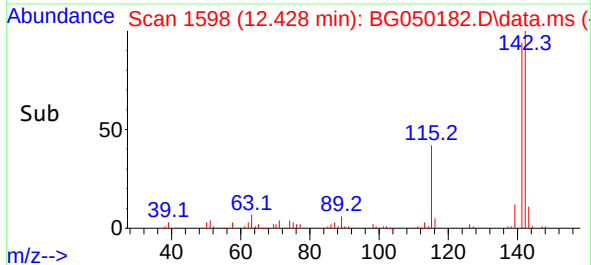
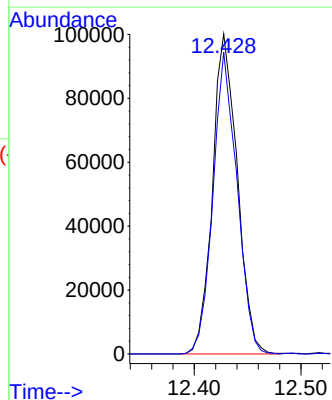
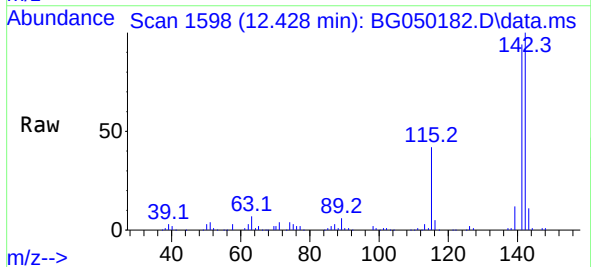
Manual Integrations
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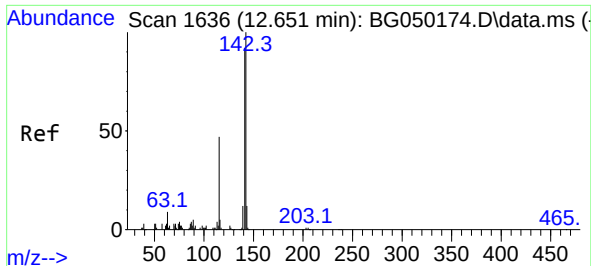
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#36
2-Methylnaphthalene
Concen: 42.088 ng/ul
RT: 12.428 min Scan# 1598
Delta R.T. -0.011 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

Tgt Ion:	142	Resp:	161285
Ion Ratio	Lower	Upper	
142	100		
141	94.3	70.5	105.7

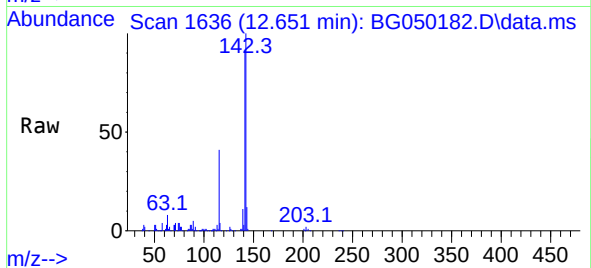




#37

1-Methylnaphthalene
Concen: 59.703 ng/ul
RT: 12.651 min Scan# 1636
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

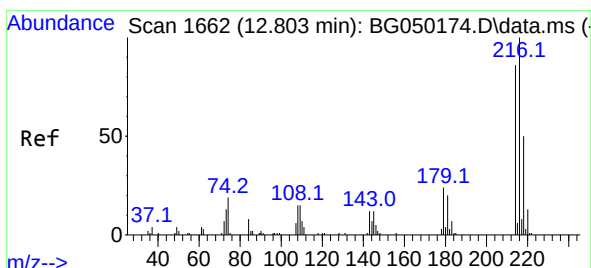
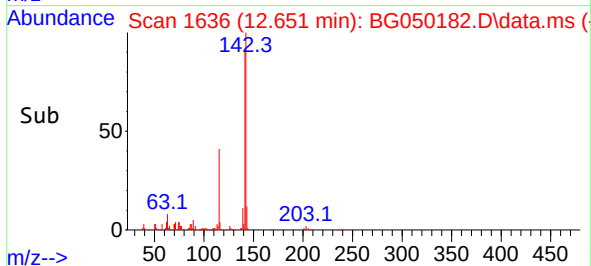
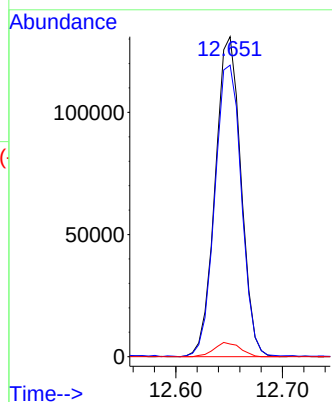
Instrument :
BNA_G
ClientSampleId :
ESQK5MS



Tgt Ion:142 Resp: 219683
Ion Ratio Lower Upper
142 100
141 91.1 75.8 113.8
116 4.0 3.7 5.5

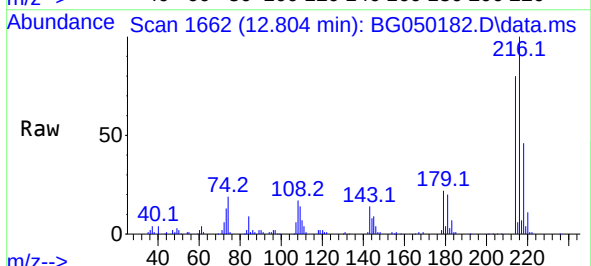
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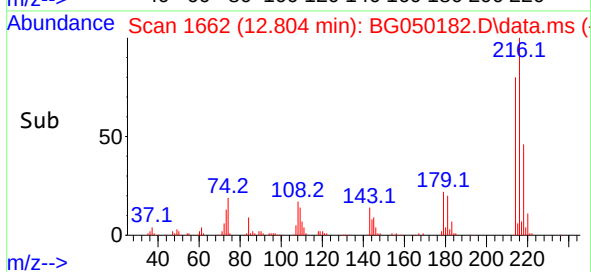
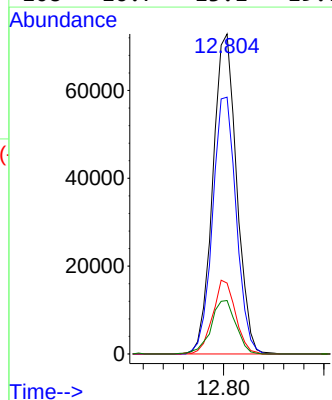


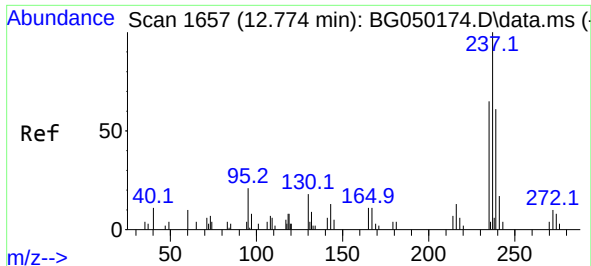
#39

1,2,4,5-Tetrachlorobenzene
Concen: 47.339 ng/ul
RT: 12.804 min Scan# 1662
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



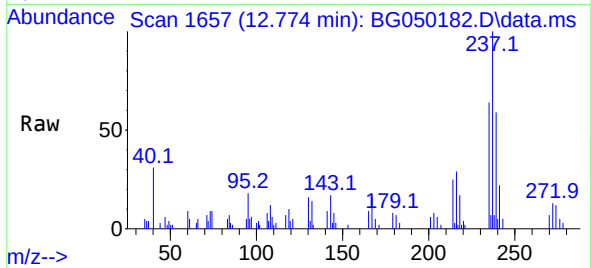
Tgt Ion:216 Resp: 120024
Ion Ratio Lower Upper
216 100
214 80.2 64.2 96.2
179 22.2 12.8 19.2#
108 16.7 13.1 19.7





#40
Hexachlorocyclopentadiene
Concen: 21.183 ng/ul
RT: 12.774 min Scan# 1657
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

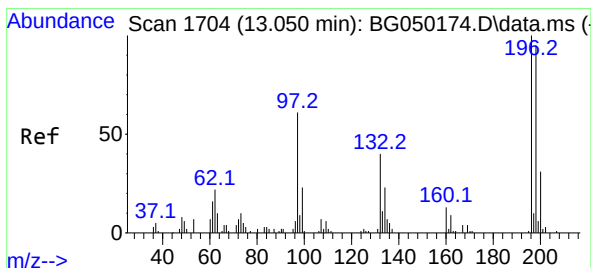
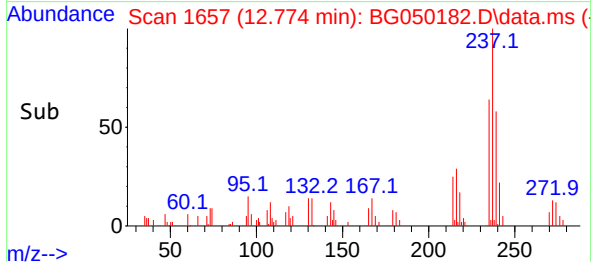
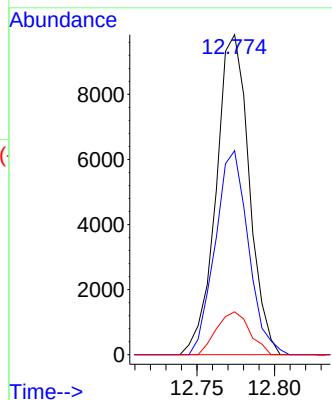
Instrument :
BNA_G
ClientSampled :
ESQK5MS



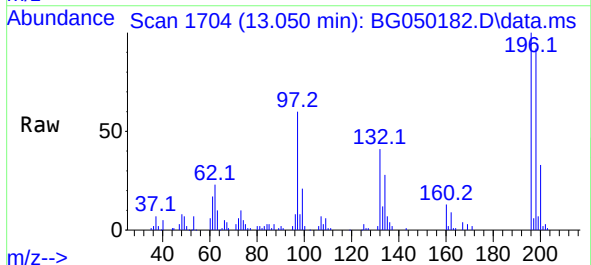
Tgt Ion:237 Resp: 14563
Ion Ratio Lower Upper
237 100
235 63.7 53.5 80.3
272 13.4 11.5 17.3

Manual Integrations
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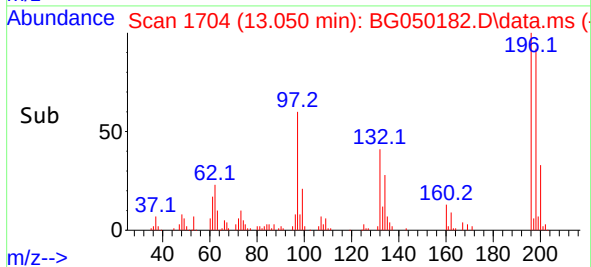
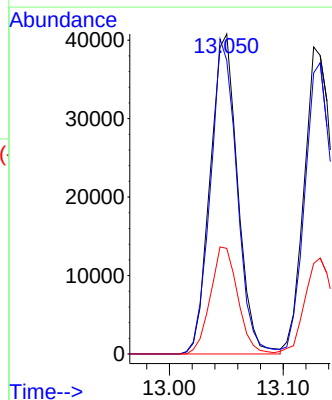
mohammad
9/9/2021 8:40:23 AM

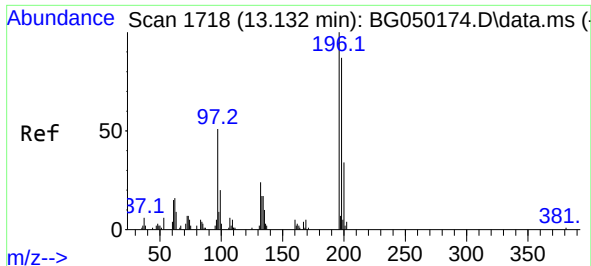


#41
2,4,6-Trichlorophenol
Concen: 47.756 ng/ul
RT: 13.050 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



Tgt Ion:196 Resp: 68363
Ion Ratio Lower Upper
196 100
198 91.8 83.7 125.5
200 33.0 25.9 38.9





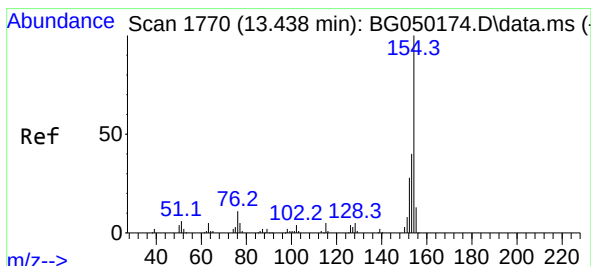
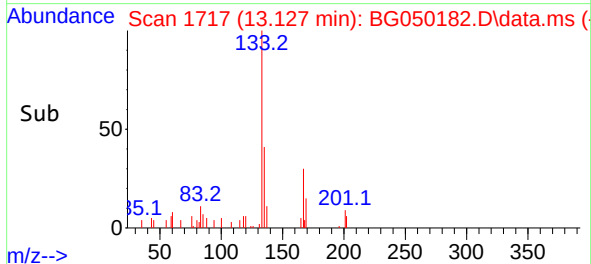
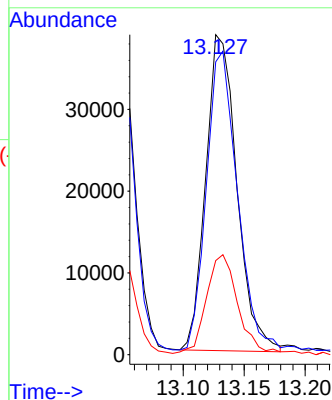
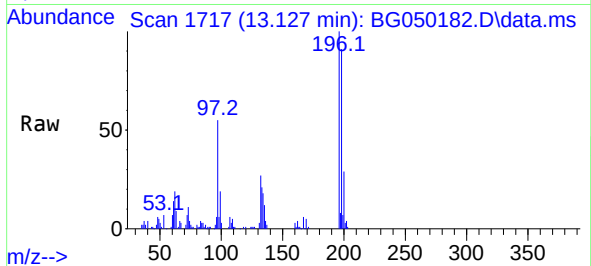
#42
2,4,5-Trichlorophenol
Concen: 45.801 ng/ul
RT: 13.127 min Scan# 1717
Delta R.T. -0.017 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

Tgt Ion:196 Resp: 68564
Ion Ratio Lower Upper
196 100
198 91.5 70.3 105.5
200 29.4 26.6 40.0

Instrument :
BNA_G
ClientSampleId :
ESQK5MS

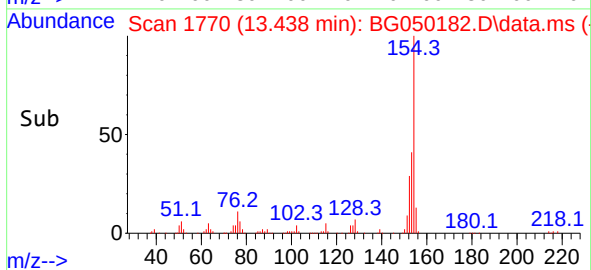
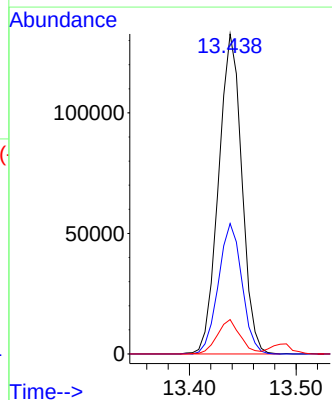
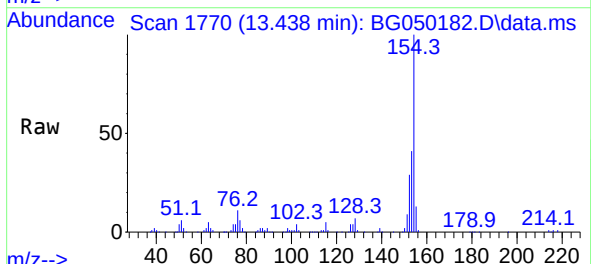
Manual Integrations
APPROVED

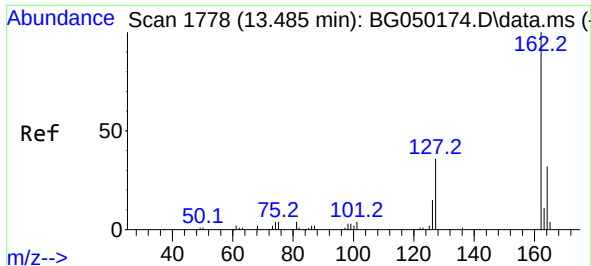
mohammad
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#43
1,1'-Biphenyl
Concen: 37.138 ng/ul
RT: 13.438 min Scan# 1770
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

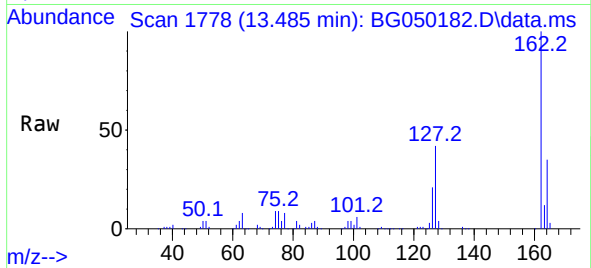
Tgt Ion:154 Resp: 200979
Ion Ratio Lower Upper
154 100
153 40.7 32.5 48.7
76 10.7 7.8 11.8





#44
2-Chloronaphthalene
Concen: 36.736 ng/ul
RT: 13.485 min Scan# 1778
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

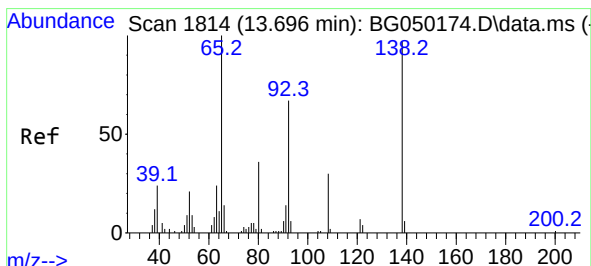
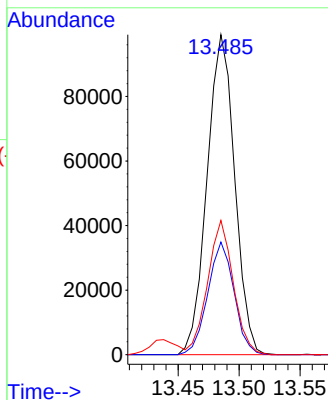
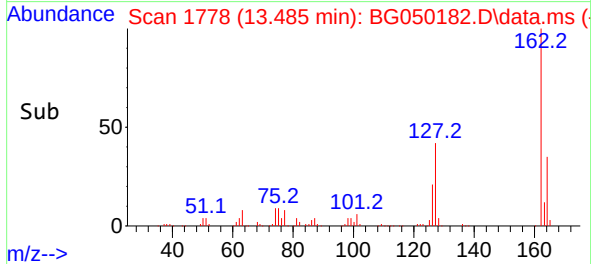
Instrument :
BNA_G
ClientSampleId :
ESQK5MS



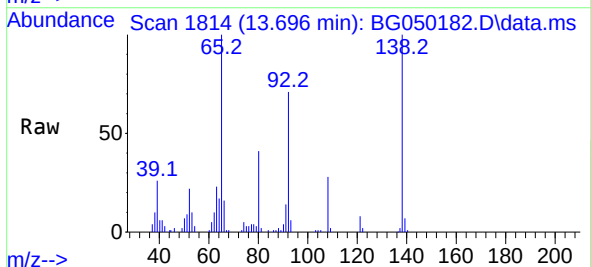
Tgt Ion:162 Resp: 156345
Ion Ratio Lower Upper
162 100
164 35.2 25.2 37.8
127 41.9 31.9 47.9

Manual Integrations
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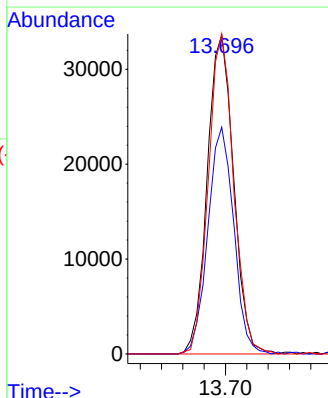
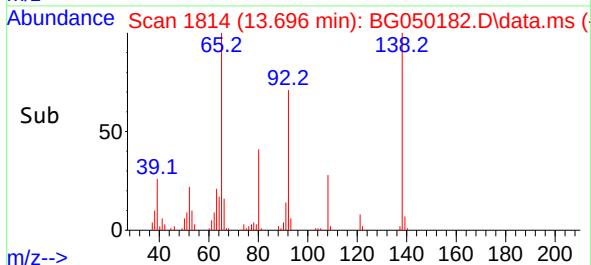
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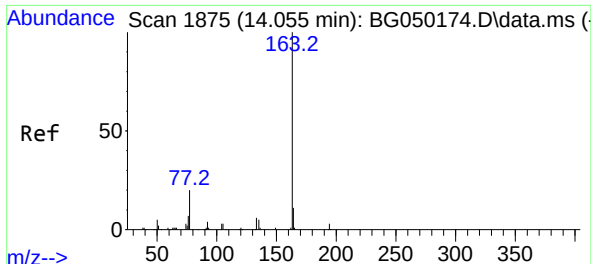


#45
2-Nitroaniline
Concen: 42.806 ng/ul
RT: 13.696 min Scan# 1814
Delta R.T. -0.011 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



Tgt Ion: 65 Resp: 57675
Ion Ratio Lower Upper
65 100
92 71.1 55.6 83.4
138 100.3 78.7 118.1





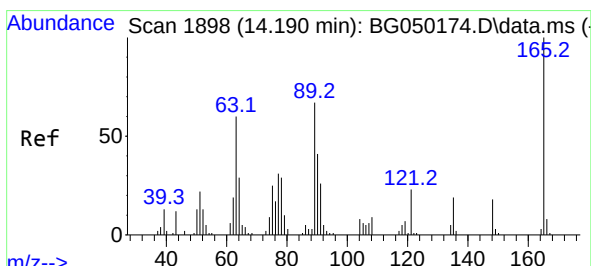
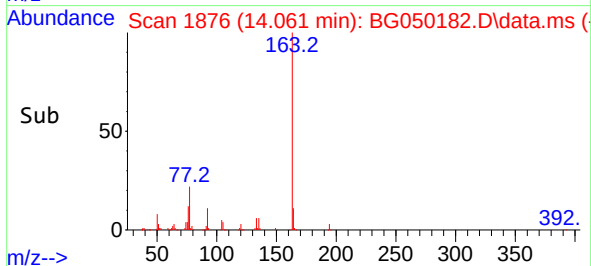
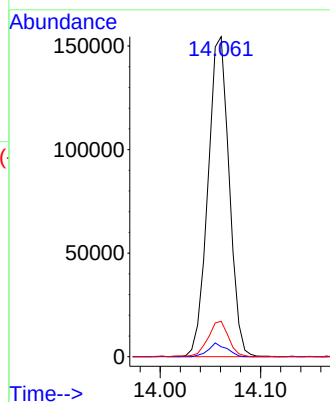
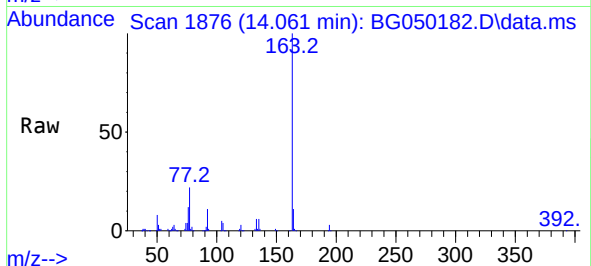
#47
Dimethylphthalate
Concen: 41.978 ng/ul
RT: 14.061 min Scan# 1876
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

Tgt Ion:163 Resp: 226791
Ion Ratio Lower Upper
163 100
194 3.1 3.4 5.0#
164 11.0 8.2 12.4

Instrument :
BNA_G
ClientSampleId :
ESQK5MS

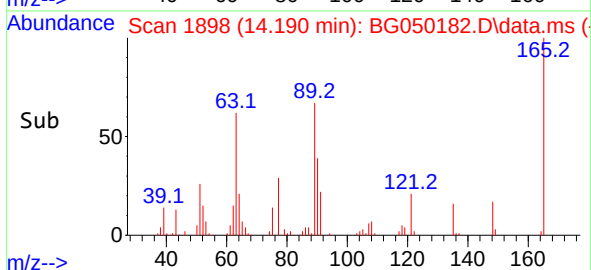
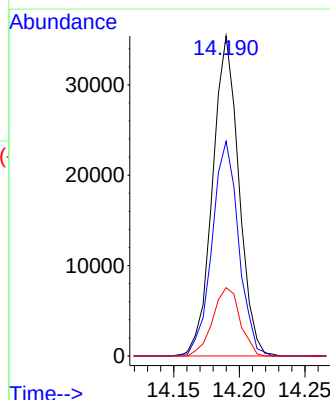
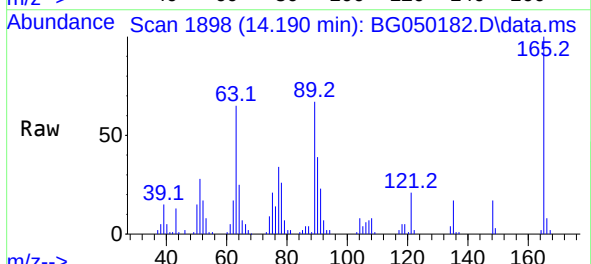
Manual Integrations
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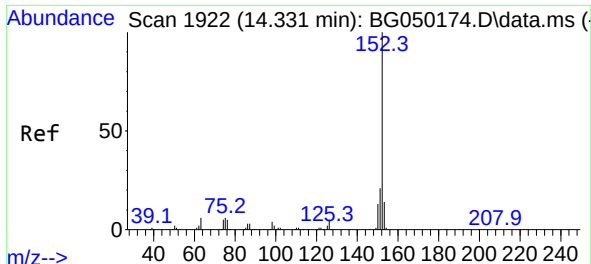
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#48
2,6-Dinitrotoluene
Concen: 42.826 ng/ul
RT: 14.190 min Scan# 1898
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

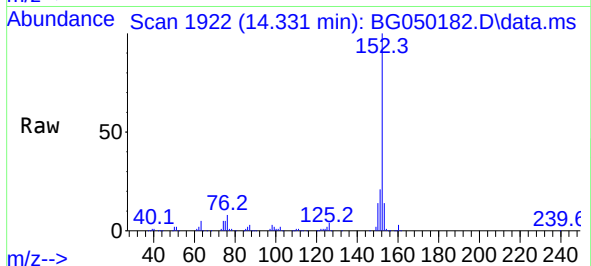
Tgt Ion:165 Resp: 49263
Ion Ratio Lower Upper
165 100
89 67.1 62.5 93.7
121 21.4 22.2 33.2#





#50
Acenaphthylene
Concen: 37.245 ng/ul
RT: 14.331 min Scan# 1922
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

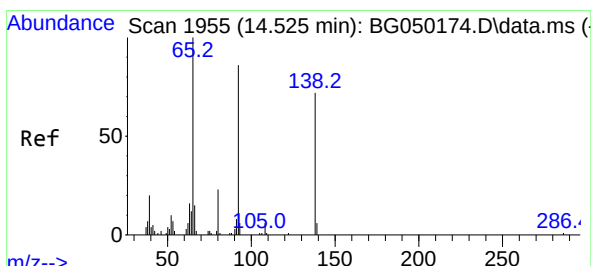
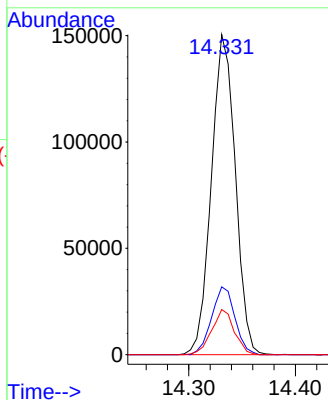
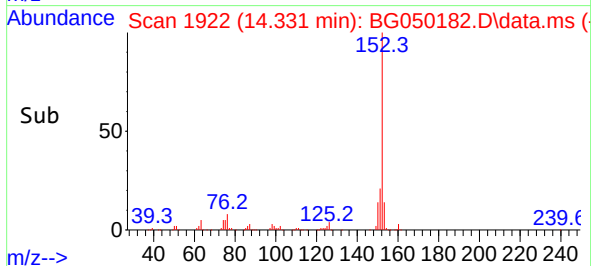
Instrument :
BNA_G
ClientSampleId :
ESQK5MS



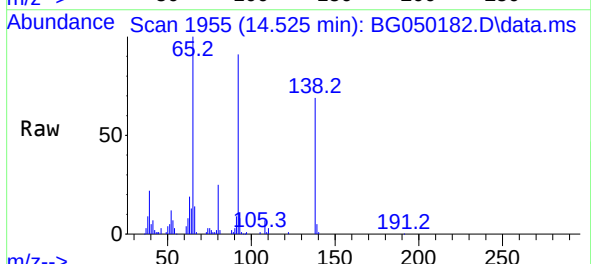
Tgt Ion:152 Resp: 234602
Ion Ratio Lower Upper
152 100
151 21.2 15.2 22.8
153 14.1 10.7 16.1

Manual Integrations
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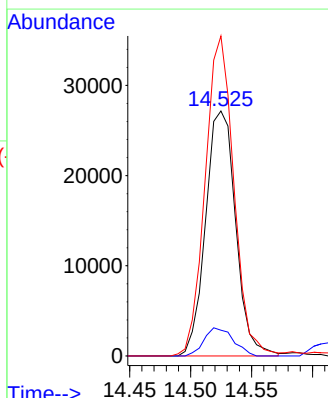
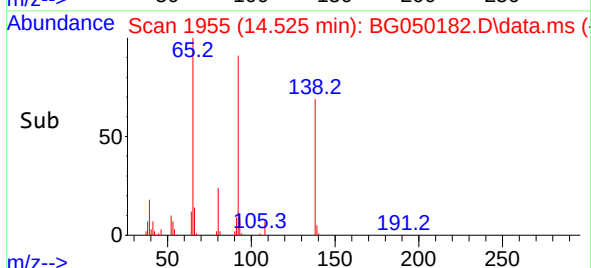
mohammad
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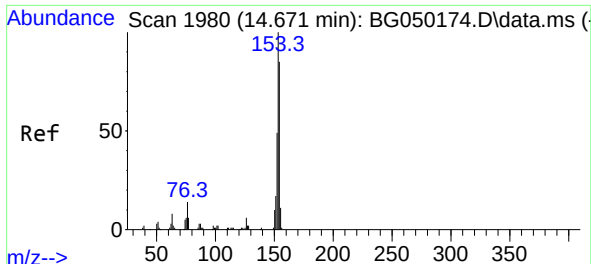


#51
3-Nitroaniline
Concen: 44.622 ng/ul
RT: 14.525 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



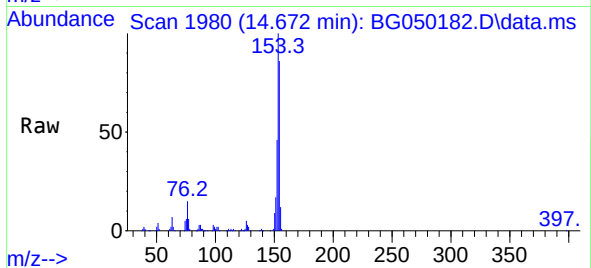
Tgt Ion:138 Resp: 46731
Ion Ratio Lower Upper
138 100
108 10.5 9.0 13.4
92 130.6 96.4 144.6





#52
Acenaphthene
Concen: 38.648 ng/ul
RT: 14.672 min Scan# 1980
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

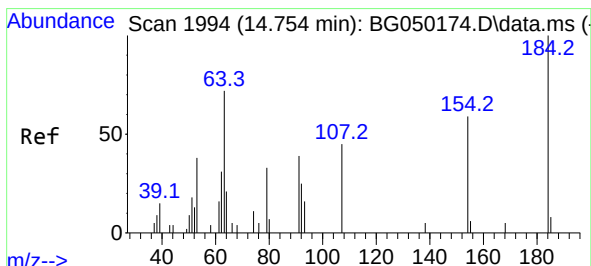
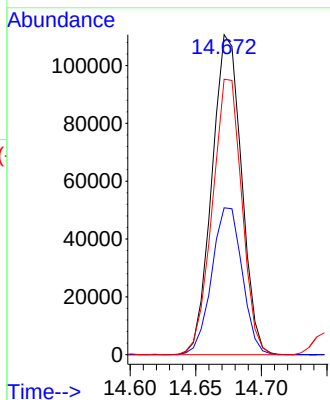
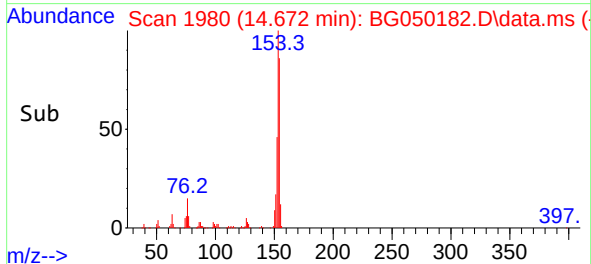
Instrument :
BNA_G
ClientSampleId :
ESQK5MS



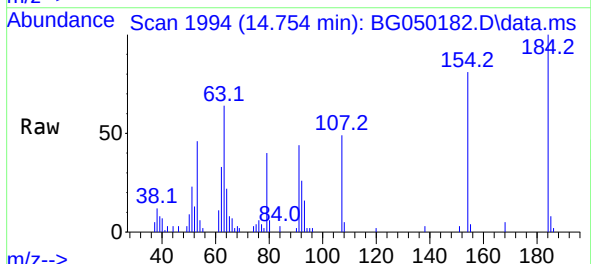
Tgt Ion:153 Resp: 173463
Ion Ratio Lower Upper
153 100
152 45.9 37.4 56.2
154 86.1 71.5 107.3

Manual Integrations
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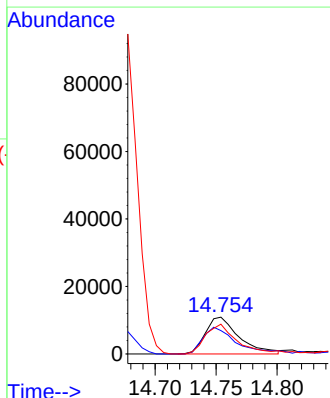
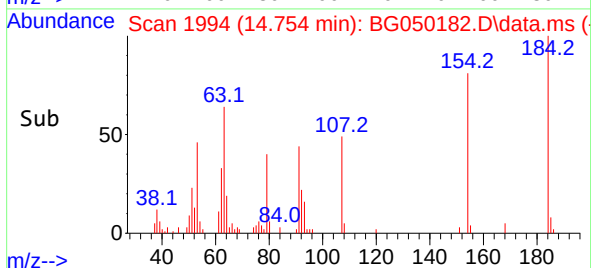
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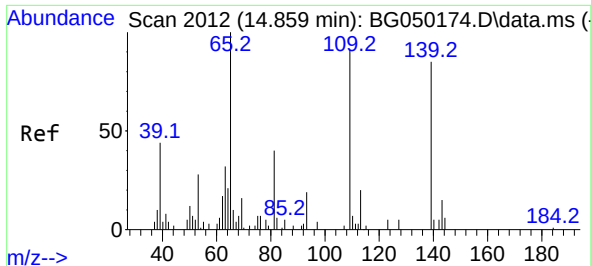


#53
2,4-Dinitrophenol
Concen: 44.484 ng/ul
RT: 14.754 min Scan# 1994
Delta R.T. -0.011 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



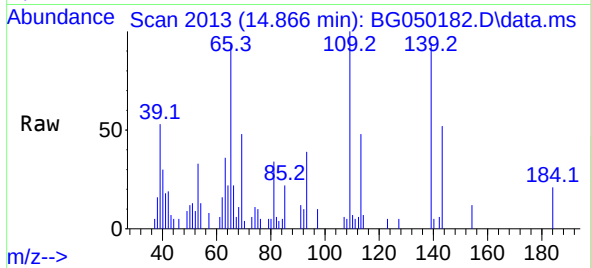
Tgt Ion:184 Resp: 20957
Ion Ratio Lower Upper
184 100
63 63.8 75.8 113.8#
154 81.0 64.6 96.8





#55
4-Nitrophenol
Concen: 10.149 ng/ul
RT: 14.866 min Scan# 2013
Delta R.T. 0.007 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

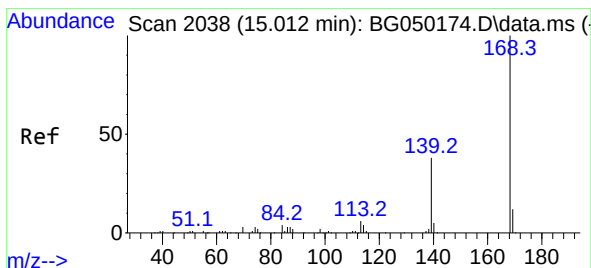
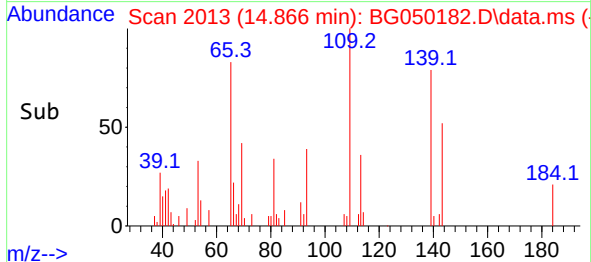
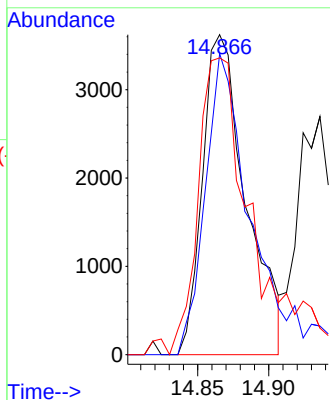
Instrument :
BNA_G
ClientSampleId :
ESQK5MS



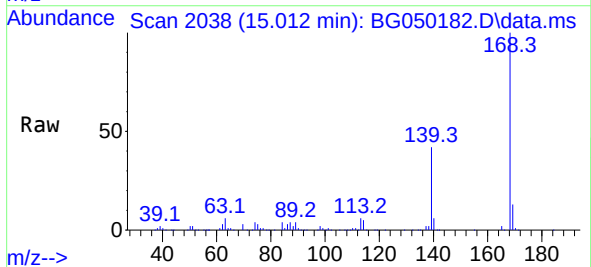
Tgt Ion:109 Resp: 7714
Ion Ratio Lower Upper
109 100
139 94.1 61.4 92.0#
65 92.8 76.5 114.7

Manual Integrations
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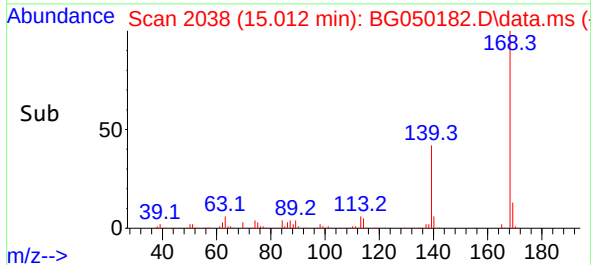
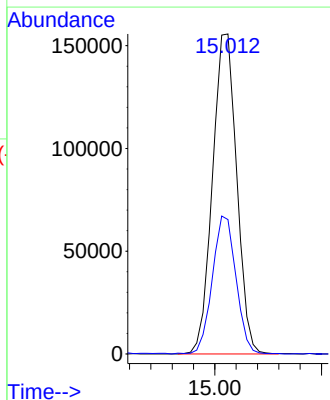
mohammad
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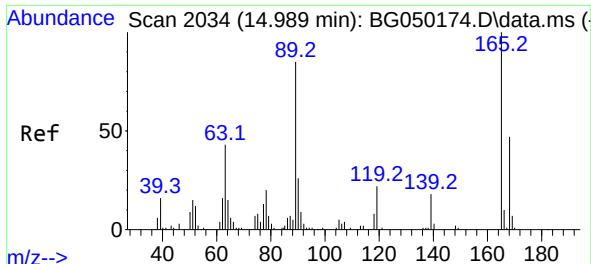


#56
Dibenzofuran
Concen: 39.755 ng/ul
RT: 15.012 min Scan# 2038
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

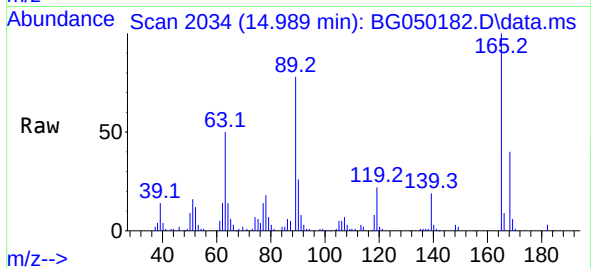


Tgt Ion:168 Resp: 245490
Ion Ratio Lower Upper
168 100
139 42.0 33.8 50.8

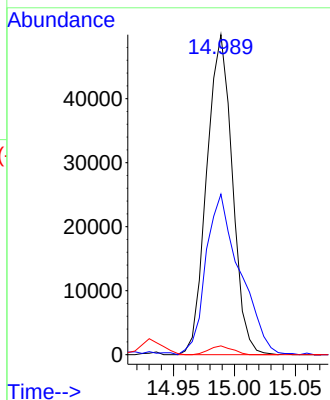
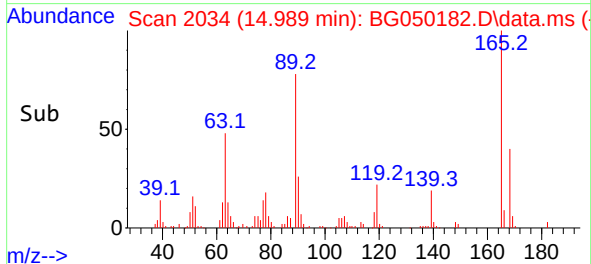




#57
2,4-Dinitrotoluene
Concen: 44.392 ng/ul
RT: 14.989 min Scan# 2034
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



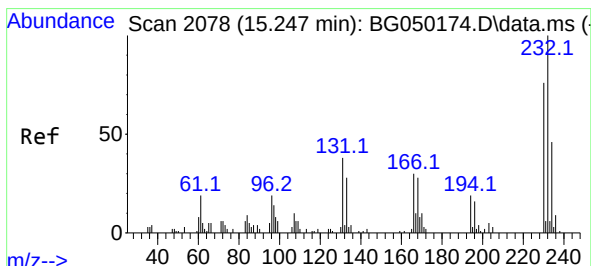
Tgt Ion:165 Resp: 72972
Ion Ratio Lower Upper
165 100
63 50.2 42.3 63.5
182 2.8 2.6 4.0



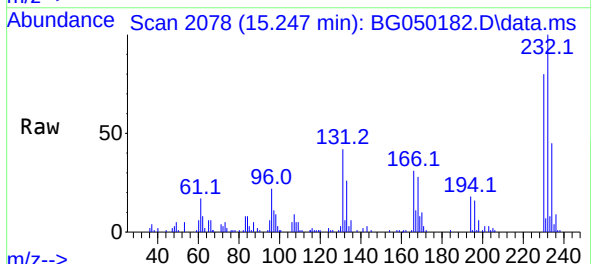
Instrument :
BNA_G
ClientSampleId :
ESQK5MS

Manual Integrations
APPROVED

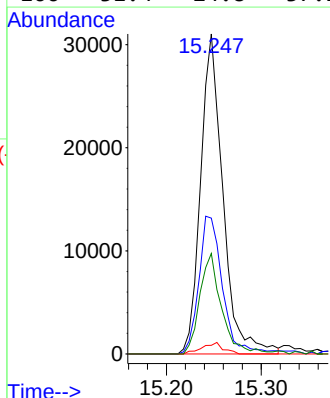
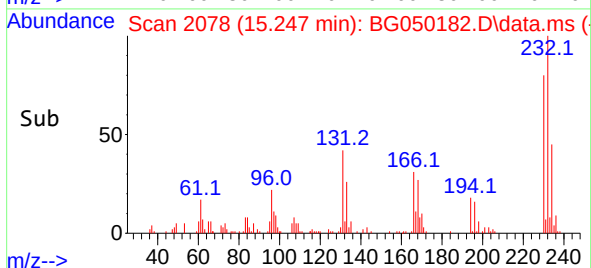
mohammad
9/9/2021 8:40:23 AM

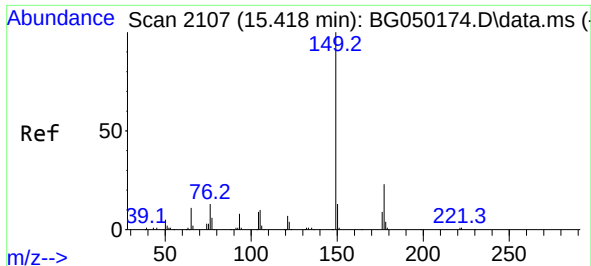


#58
2,3,4,6-Tetrachlorophenol
Concen: 44.859 ng/ul
RT: 15.247 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



Tgt Ion:232 Resp: 50863
Ion Ratio Lower Upper
232 100
131 42.4 40.0 60.0
130 2.7 1.8 2.8
166 31.4 24.8 37.2





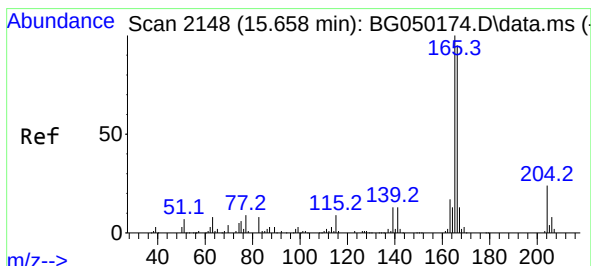
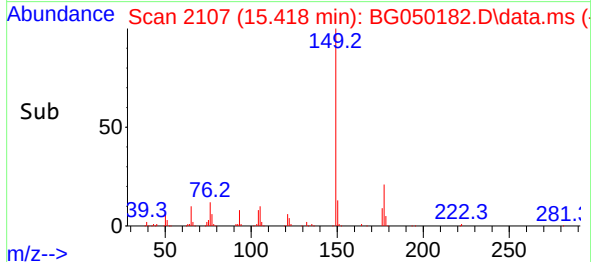
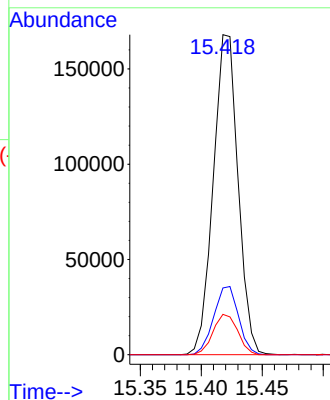
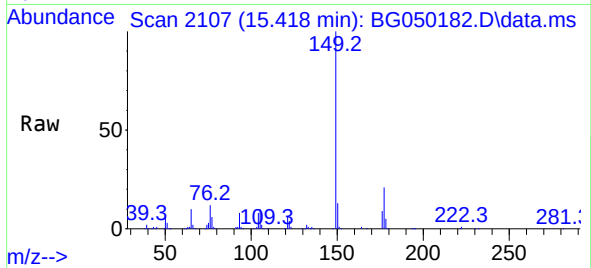
#59
Diethylphthalate
Concen: 43.488 ng/ul
RT: 15.418 min Scan# 2107
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

Tgt Ion:149 Resp: 237467
Ion Ratio Lower Upper
149 100
177 20.8 15.8 23.6
150 12.6 9.7 14.5

Instrument :
BNA_G
ClientSampleId :
ESQK5MS

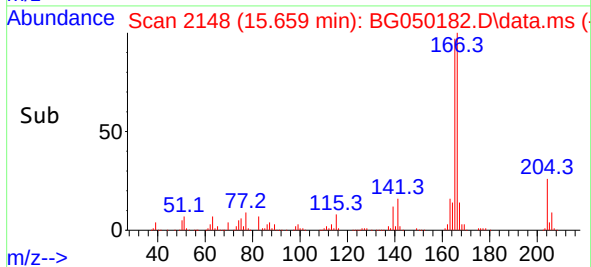
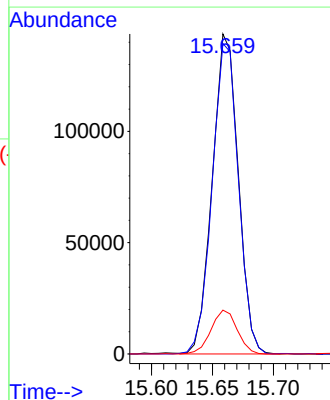
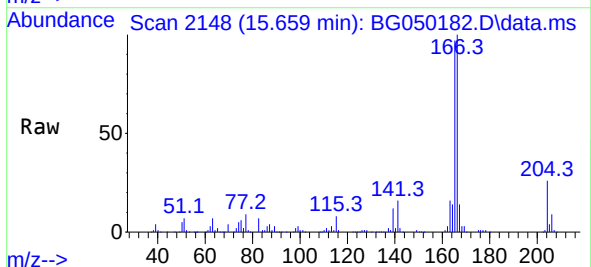
Manual Integrations
APPROVED

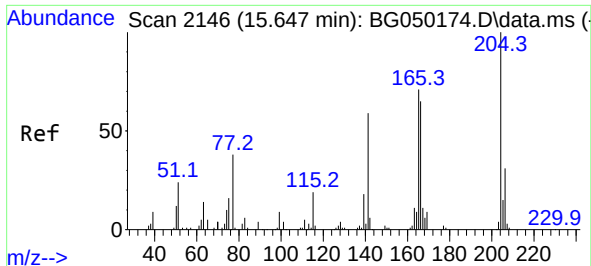
mohammad
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#61
Fluorene
Concen: 41.087 ng/ul
RT: 15.659 min Scan# 2148
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

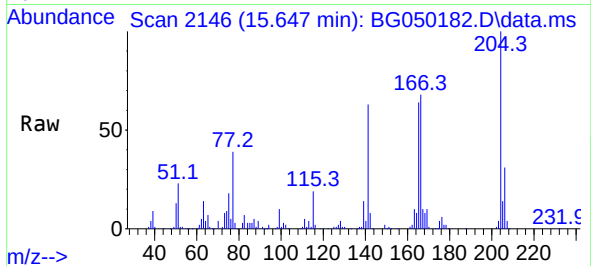
Tgt Ion:166 Resp: 212715
Ion Ratio Lower Upper
166 100
165 97.0 83.3 124.9
167 13.7 11.8 17.6





#62
4-Chlorophenyl-phenylether
Concen: 39.632 ng/ul
RT: 15.647 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

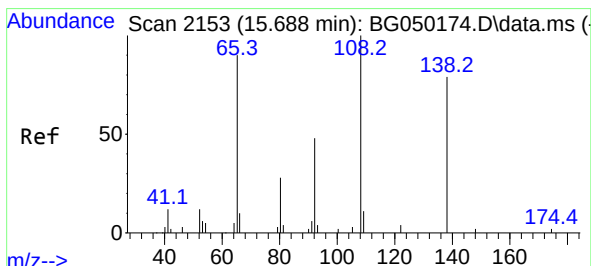
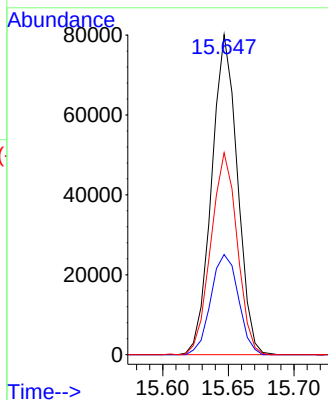
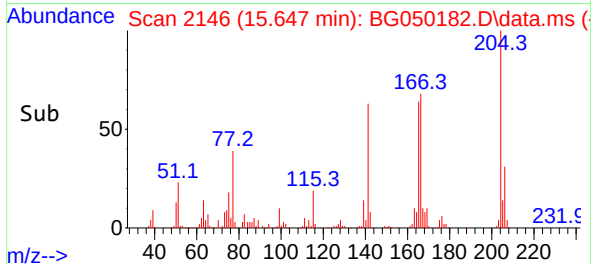
Instrument :
BNA_G
ClientSampleId :
ESQK5MS



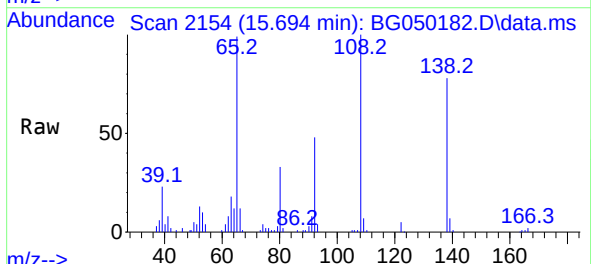
Tgt Ion:204 Resp: 109248
Ion Ratio Lower Upper
204 100
206 31.3 25.4 38.2
141 63.1 51.8 77.6

Manual Integrations
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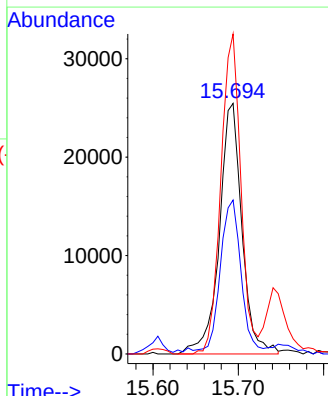
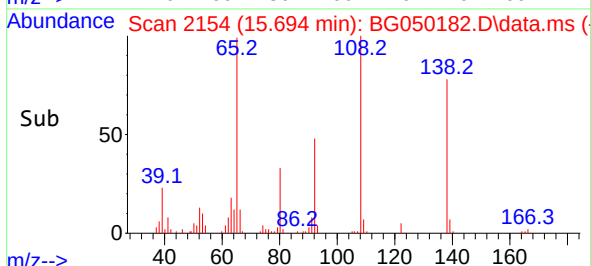
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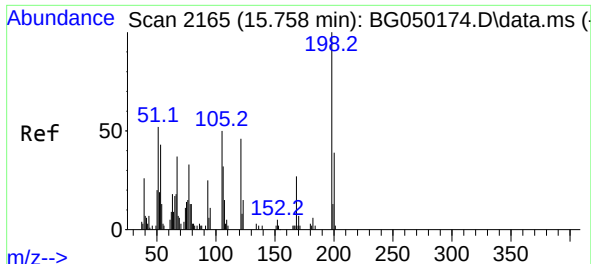


#63
4-Nitroaniline
Concen: 48.169 ng/ul
RT: 15.694 min Scan# 2154
Delta R.T. 0.001 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



Tgt Ion:138 Resp: 46982
Ion Ratio Lower Upper
138 100
92 61.4 50.0 75.0
108 127.7 101.8 152.8





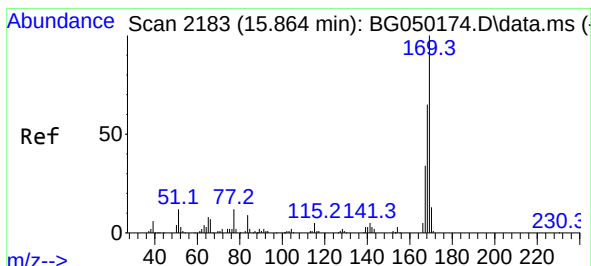
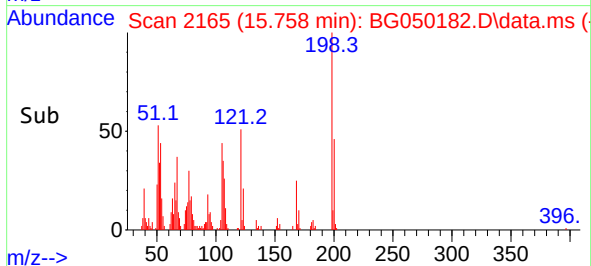
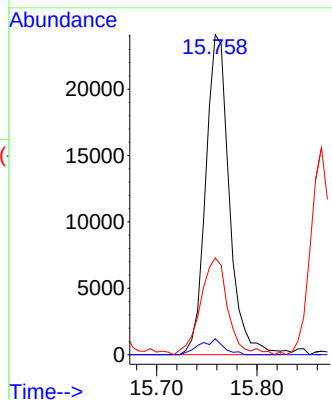
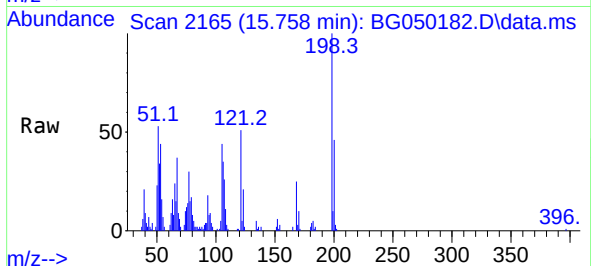
#66
4,6-Dinitro-2-methylphenol
Concen: 45.031 ng/ul
RT: 15.758 min Scan# 2165
Delta R.T. -0.011 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

Tgt Ion:198 Resp: 39371
Ion Ratio Lower Upper
198 100
182 5.0 3.0 4.6#
77 30.2 23.4 35.2

Instrument :
BNA_G
ClientSampleId :
ESQK5MS

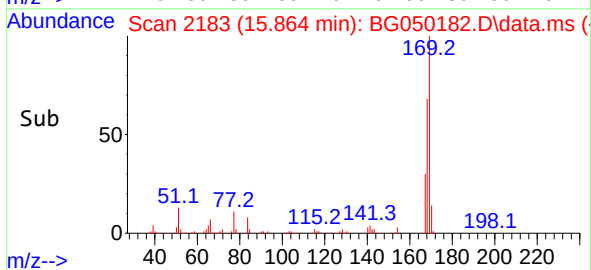
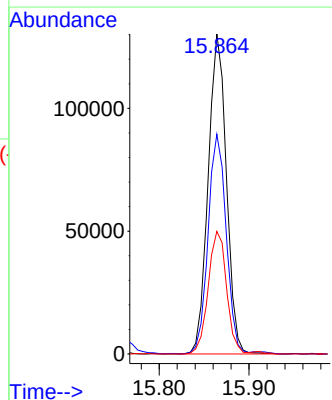
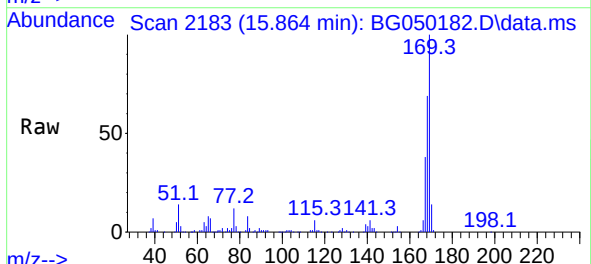
Manual Integrations
APPROVED

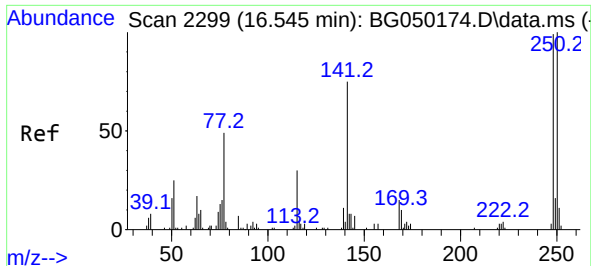
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#67
N-Nitrosodiphenylamine
Concen: 41.669 ng/ul
RT: 15.864 min Scan# 2183
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

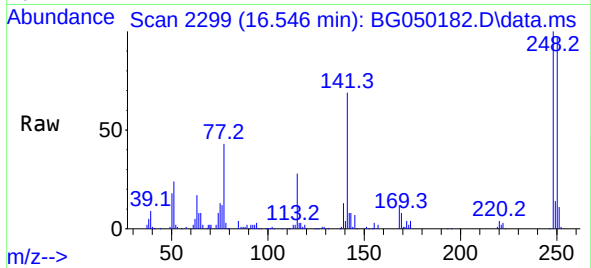
Tgt Ion:169 Resp: 183878
Ion Ratio Lower Upper
169 100
168 68.7 55.0 82.6
167 38.3 29.0 43.4





#68
4-Bromophenyl-phenylether
Concen: 42.729 ng/ul
RT: 16.546 min Scan# 2299
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

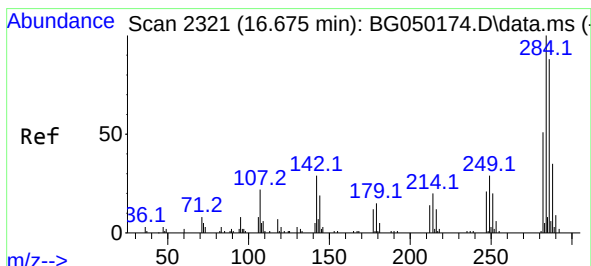
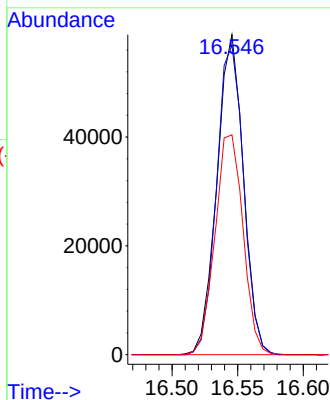
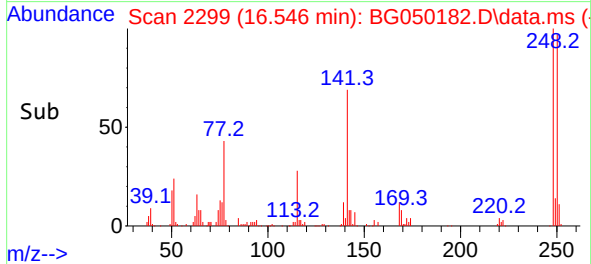
Instrument :
BNA_G
ClientSampleId :
ESQK5MS



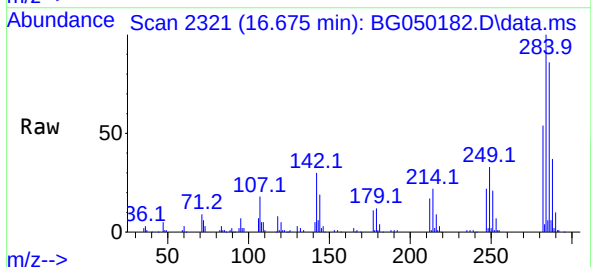
Tgt Ion:248 Resp: 82634
Ion Ratio Lower Upper
248 100
250 96.7 80.2 120.2
141 68.7 60.6 90.8

Manual Integrations
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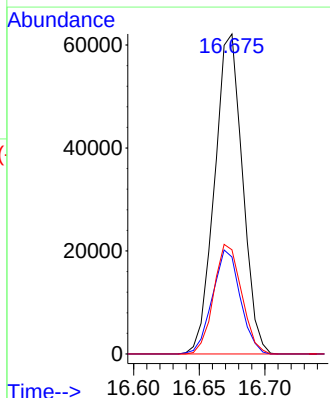
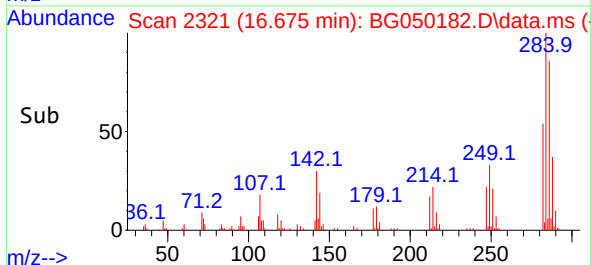
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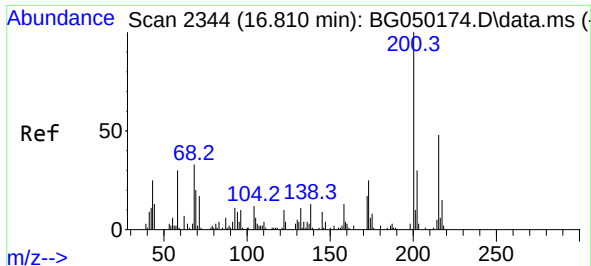


#69
Hexachlorobenzene
Concen: 41.934 ng/ul
RT: 16.675 min Scan# 2321
Delta R.T. 0.001 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

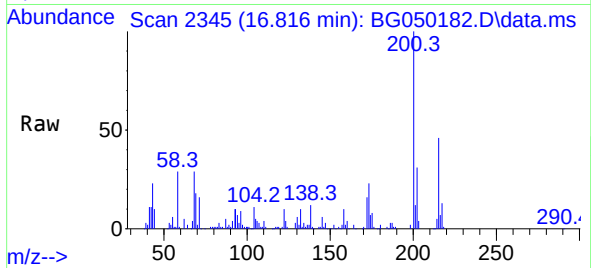


Tgt Ion:284 Resp: 91947
Ion Ratio Lower Upper
284 100
142 30.3 28.7 43.1
249 32.5 25.5 38.3

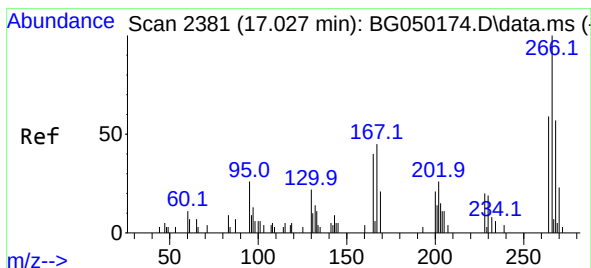
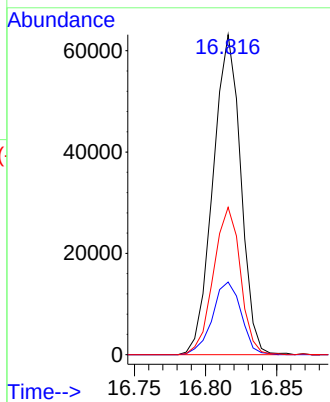
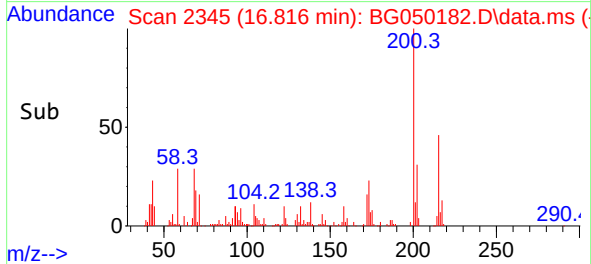




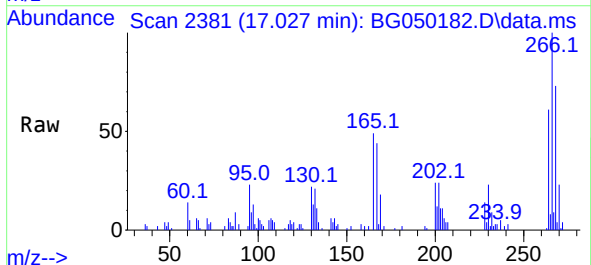
#70
Atrazine
Concen: 46.305 ng/ul
RT: 16.816 min Scan# 2345
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



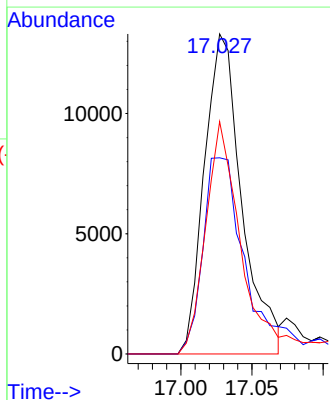
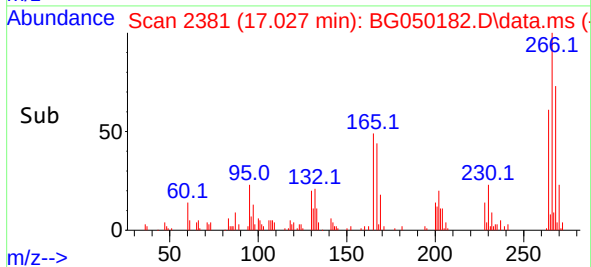
Tgt Ion:200 Resp: 85677
Ion Ratio Lower Upper
200 100
173 22.7 19.3 28.9
215 46.1 34.9 52.3



#71
Pentachlorophenol
Concen: 40.540 ng/ul
RT: 17.027 min Scan# 2381
Delta R.T. -0.011 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



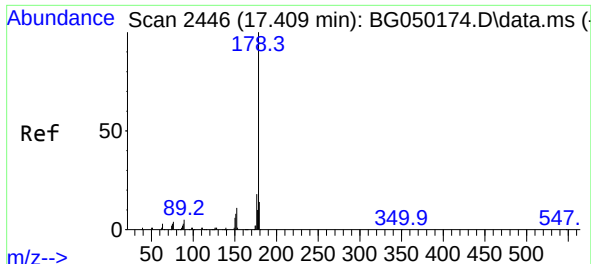
Tgt Ion:266 Resp: 24349
Ion Ratio Lower Upper
266 100
264 61.3 54.1 81.1
268 72.6 52.6 78.8



Instrument :
BNA_G
ClientSampleId :
ESQK5MS

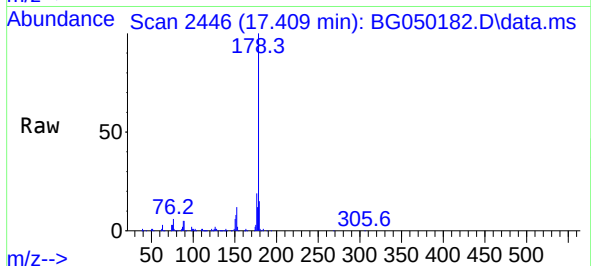
Manual Integrations
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#72
Phenanthrene
Concen: 44.030 ng/ul
RT: 17.409 min Scan# 2446
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

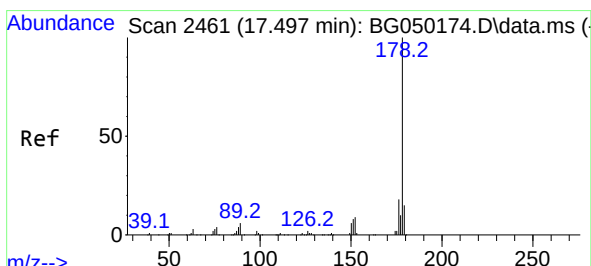
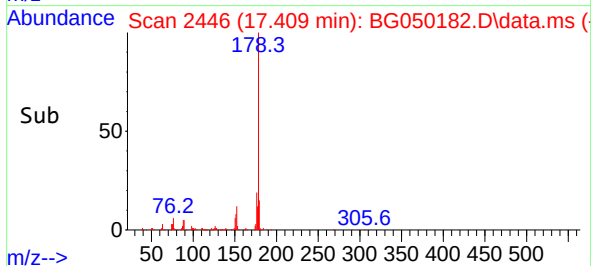
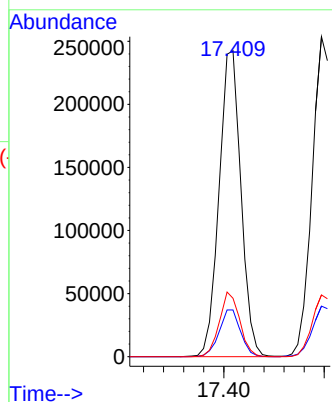
Instrument :
BNA_G
ClientSampleId :
ESQK5MS



Tgt Ion:178 Resp: 366485
Ion Ratio Lower Upper
178 100
179 15.3 11.7 17.5
176 19.1 16.2 24.2

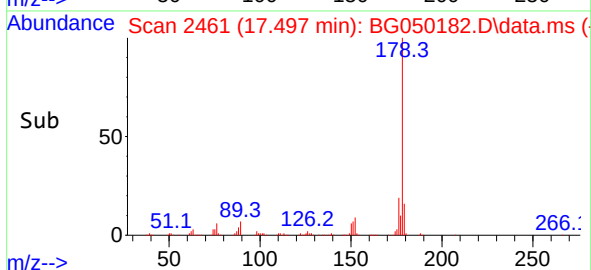
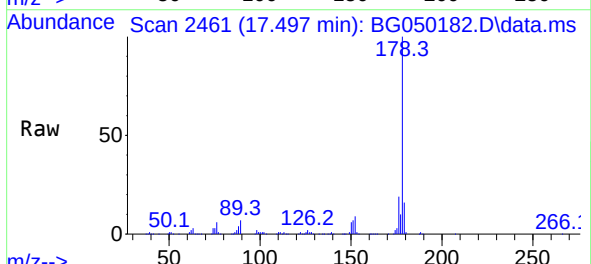
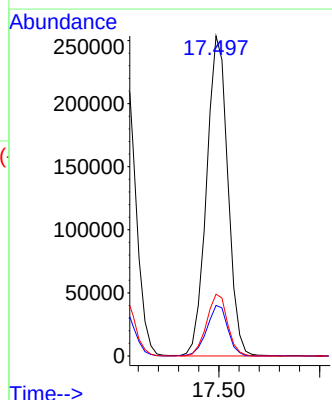
Manual Integrations
APPROVED

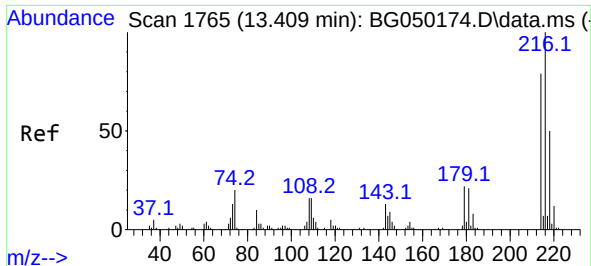
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#74
Anthracene
Concen: 43.958 ng/ul m
RT: 17.497 min Scan# 2461
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

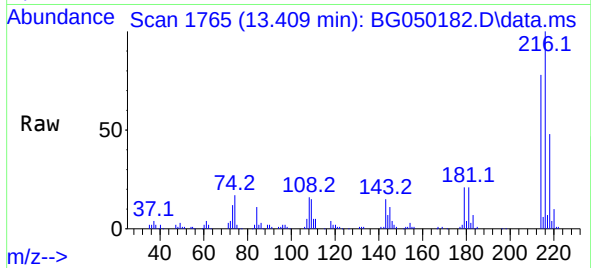
Tgt Ion:178 Resp: 371005
Ion Ratio Lower Upper
178 100
179 15.8 11.4 17.0
176 19.3 12.8 19.2#





#75
1,2,3,4-Tetrachlorobenzene
Concen: 35.640 ng/uL
RT: 13.409 min Scan# 1765
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

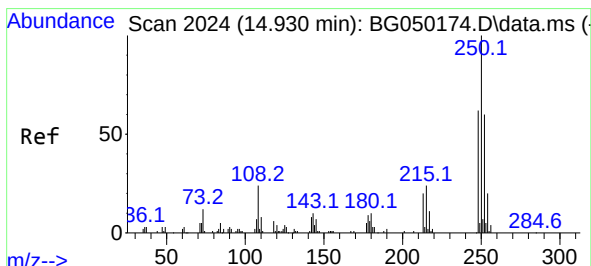
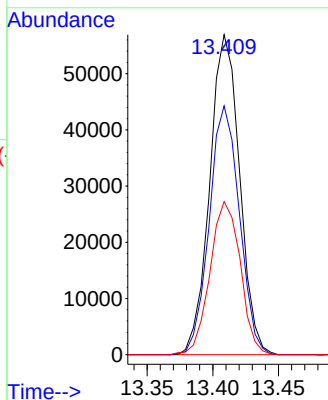
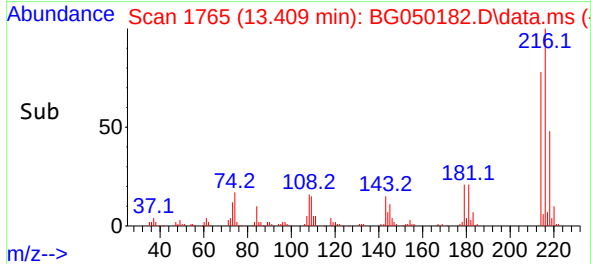
Instrument :
BNA_G
ClientSampleId :
ESQK5MS



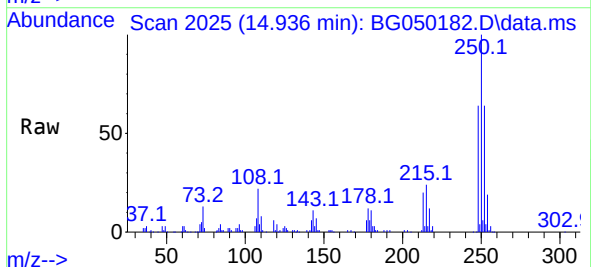
Tgt Ion:216 Resp: 90137
Ion Ratio Lower Upper
216 100
214 77.7 70.9 106.3
218 47.9 40.9 61.3

Manual Integrations
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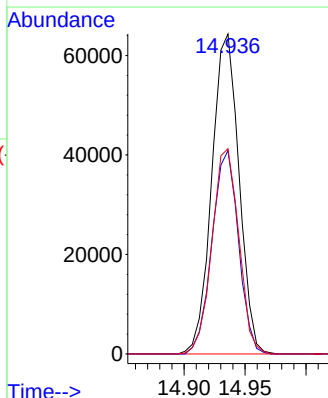
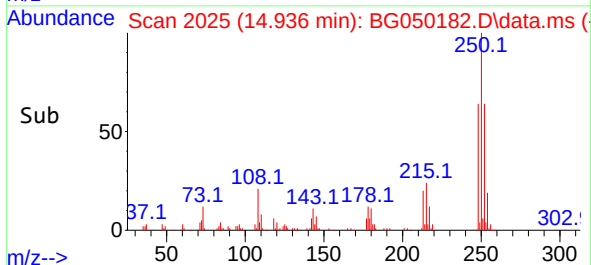
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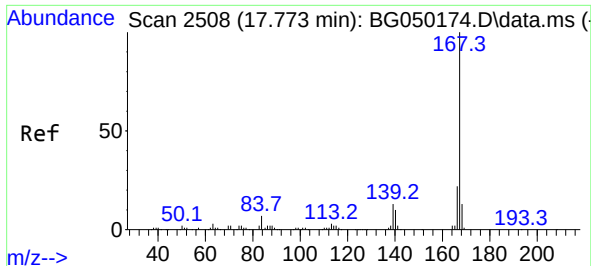


#76
Pentachlorobenzene
Concen: 38.257 ng/uL
RT: 14.936 min Scan# 2025
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

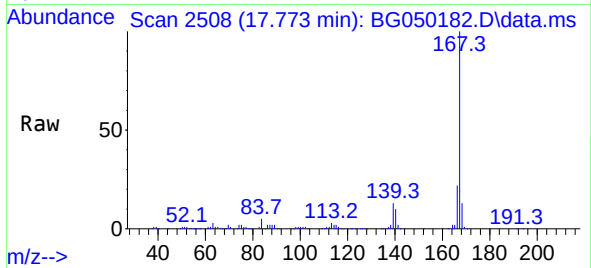


Tgt Ion:250 Resp: 99903
Ion Ratio Lower Upper
250 100
248 63.6 51.5 77.3
252 64.1 47.9 71.9

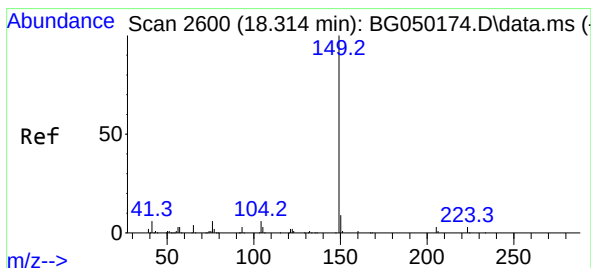
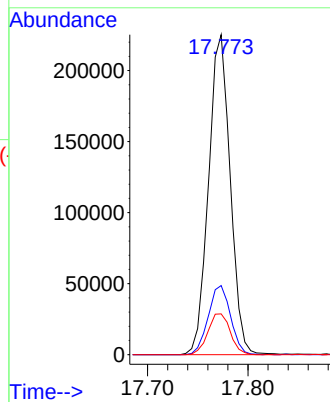
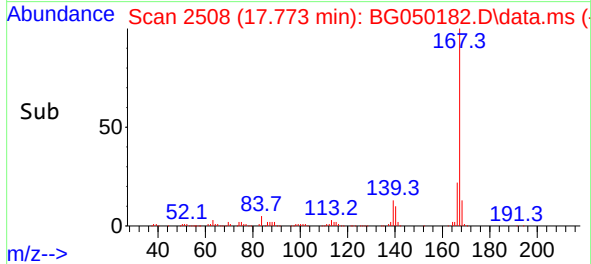




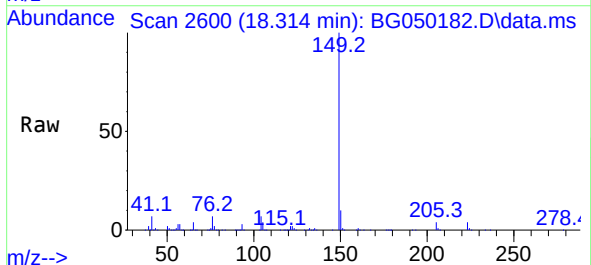
#77
Carbazole
Concen: 45.482 ng/ul
RT: 17.773 min Scan# 2508
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



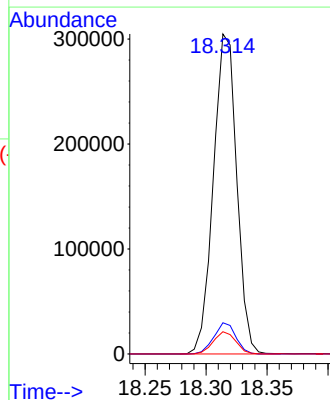
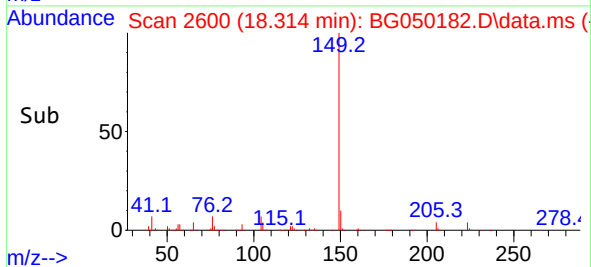
Tgt Ion:167 Resp: 338417
Ion Ratio Lower Upper
167 100
166 21.6 17.8 26.8
139 12.8 11.1 16.7



#78
Di-n-butylphthalate
Concen: 45.126 ng/ul
RT: 18.314 min Scan# 2600
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



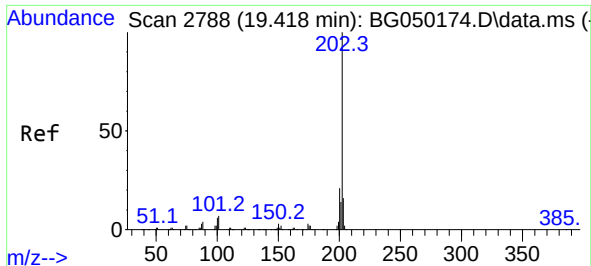
Tgt Ion:149 Resp: 406057
Ion Ratio Lower Upper
149 100
150 9.7 8.1 12.1
104 7.0 5.3 7.9



Instrument :
BNA_G
ClientSampleId :
ESQK5MS

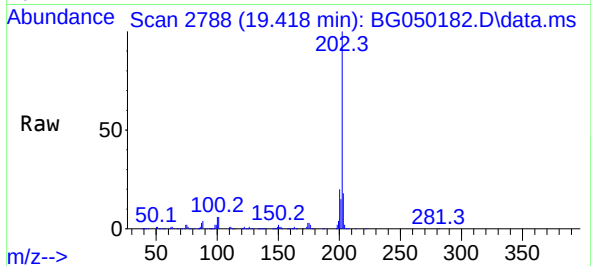
Manual Integrations
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#80
Fluoranthene
Concen: 43.356 ng/u1
RT: 19.418 min Scan# 2788
Delta R.T. -0.011 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

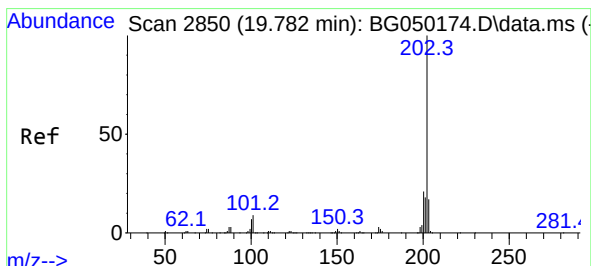
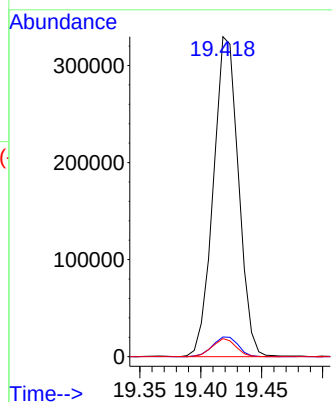
Instrument :
BNA_G
ClientSampleId :
ESQK5MS



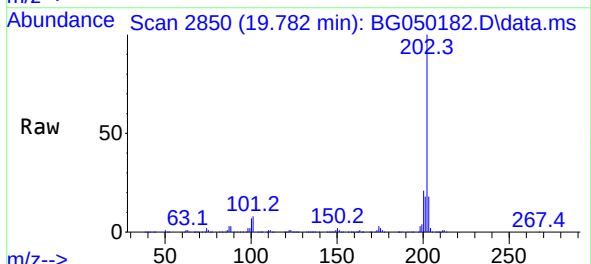
Tgt Ion:202 Resp: 473453
Ion Ratio Lower Upper
202 100
101 6.2 4.3 6.5
100 5.7 3.5 5.3#

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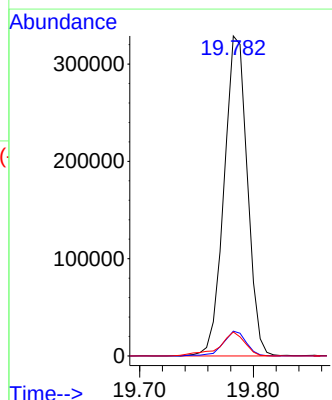
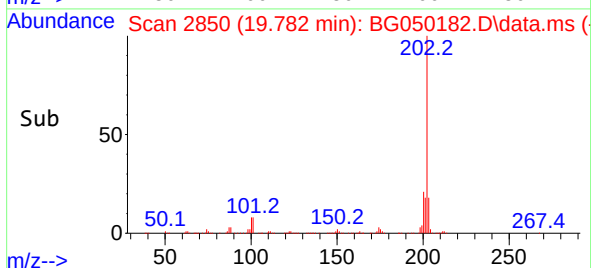
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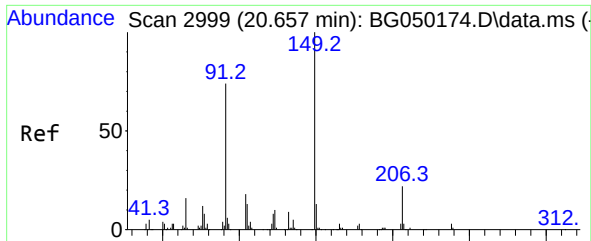


#82
Pyrene
Concen: 43.602 ng/u1
RT: 19.782 min Scan# 2850
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

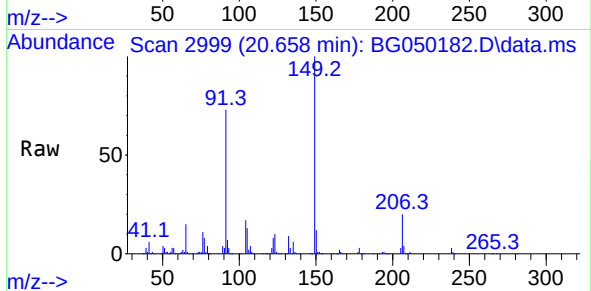


Tgt Ion:202 Resp: 467004
Ion Ratio Lower Upper
202 100
101 7.8 5.4 8.0
100 7.5 5.0 7.6

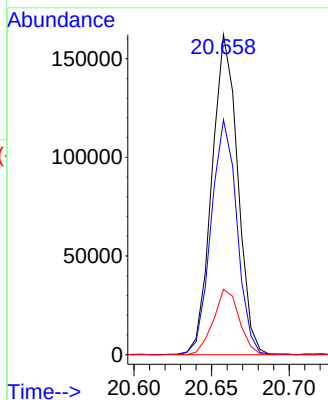
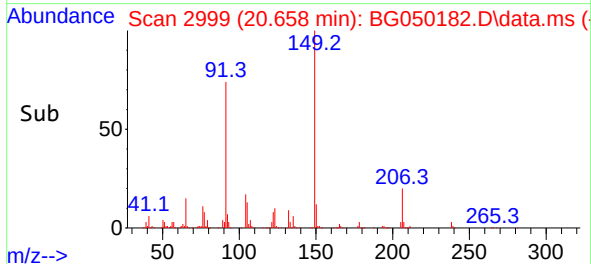




#83
Butylbenzylphthalate
Concen: 45.930 ng/ul
RT: 20.658 min Scan# 2999
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



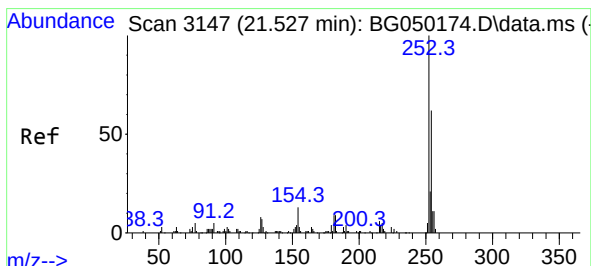
Tgt Ion:149 Resp: 188142
Ion Ratio Lower Upper
149 100
91 73.4 60.6 90.8
206 20.4 16.8 25.2



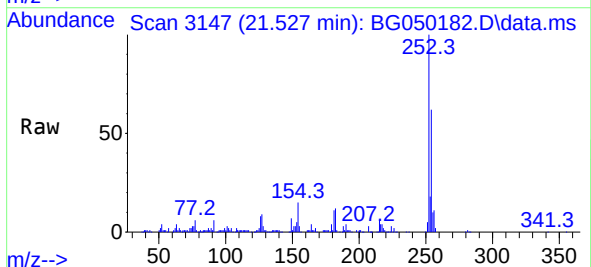
Instrument :
BNA_G
ClientSampleId :
ESQK5MS

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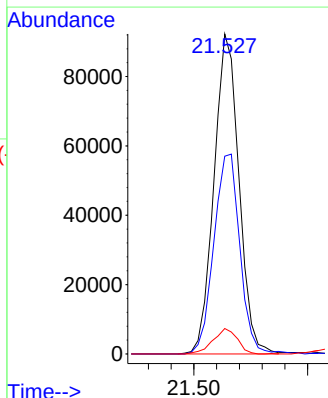
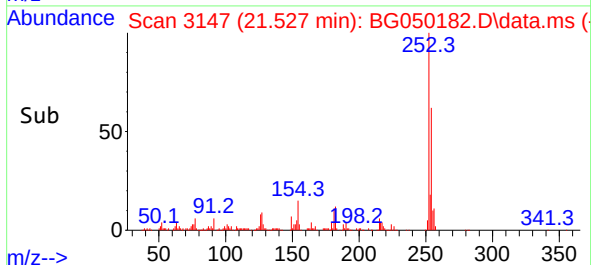
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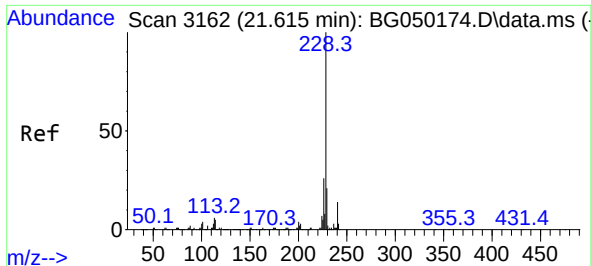


#84
3,3'-Dichlorobenzidine
Concen: 36.954 ng/ul
RT: 21.527 min Scan# 3147
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

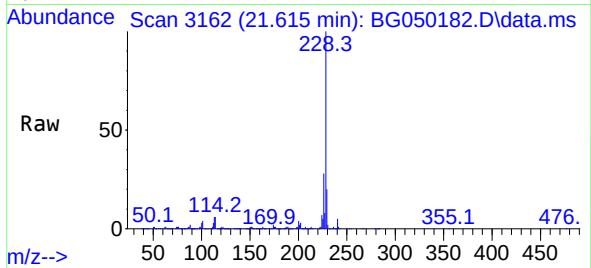


Tgt Ion:252 Resp: 140599
Ion Ratio Lower Upper
252 100
254 61.8 54.2 81.2
126 7.9 5.4 8.0

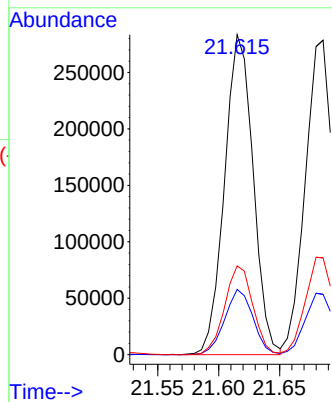
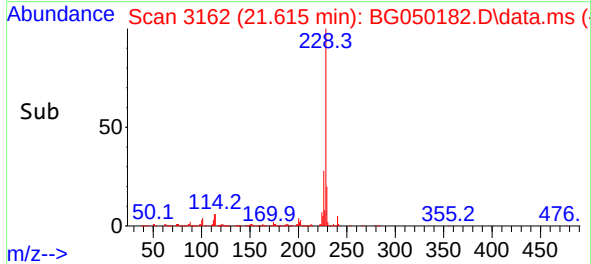




#85
Benzo(a)anthracene
Concen: 42.890 ng/ul
RT: 21.615 min Scan# 3162
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



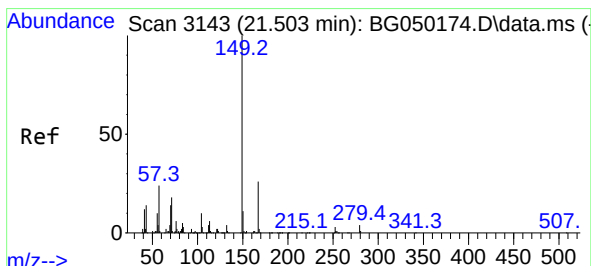
Tgt Ion:228 Resp: 463158
Ion Ratio Lower Upper
228 100
229 20.4 16.2 24.4
226 27.7 21.0 31.4



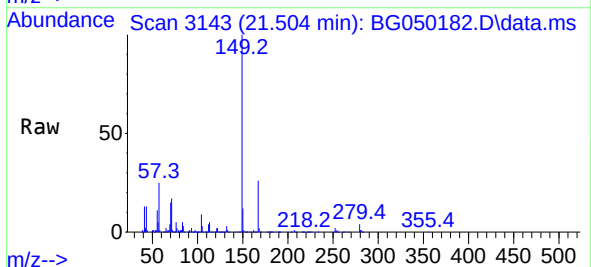
Instrument :
BNA_G
ClientSampleId :
ESQK5MS

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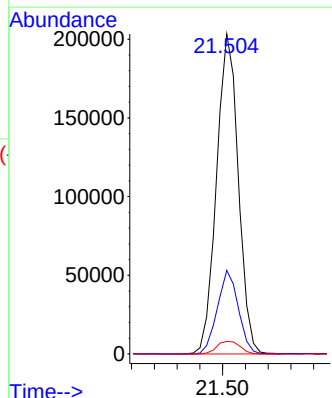
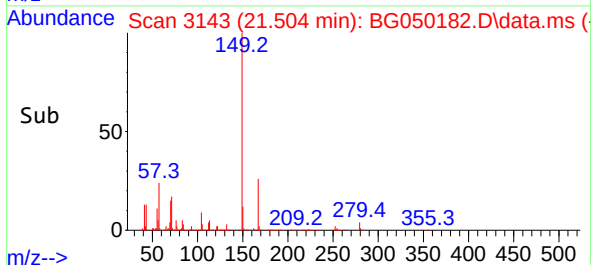
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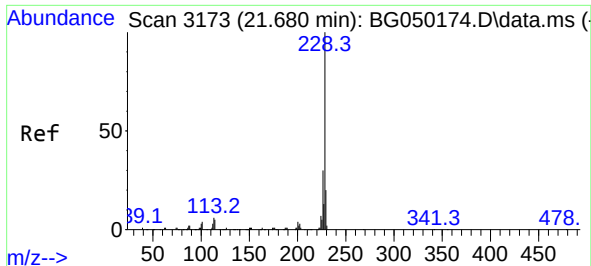


#86
Bis(2-ethylhexyl)phthalate
Concen: 44.219 ng/ul
RT: 21.504 min Scan# 3143
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



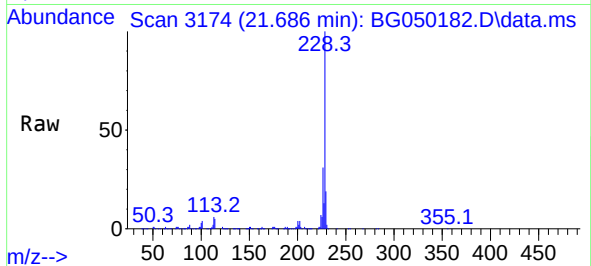
Tgt Ion:149 Resp: 270511
Ion Ratio Lower Upper
149 100
167 26.1 20.4 30.6
279 3.9 3.7 5.5





#87
Chrysene
Concen: 44.134 ng/ul
RT: 21.686 min Scan# 3174
Delta R.T. 0.001 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

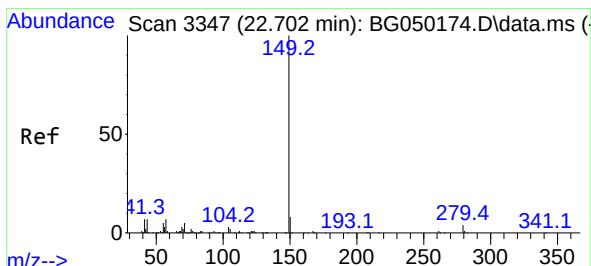
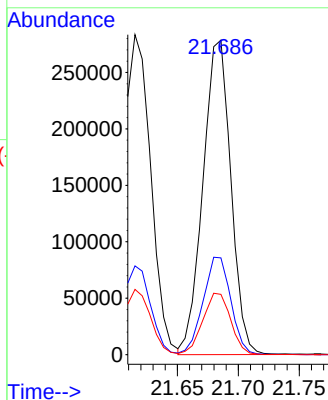
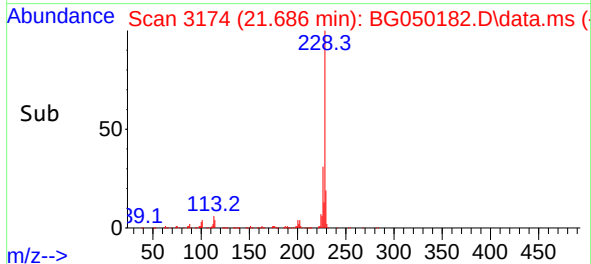
Instrument :
BNA_G
ClientSampleId :
ESQK5MS



Tgt Ion:228 Resp: 444275
Ion Ratio Lower Upper
228 100
226 30.8 23.0 34.4
229 19.2 17.8 26.6

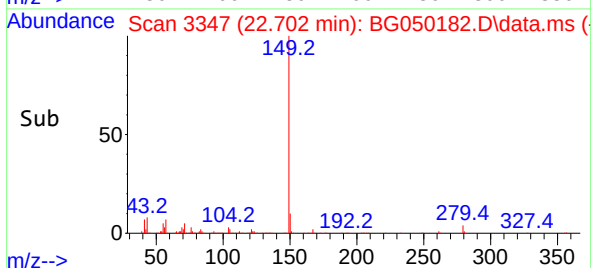
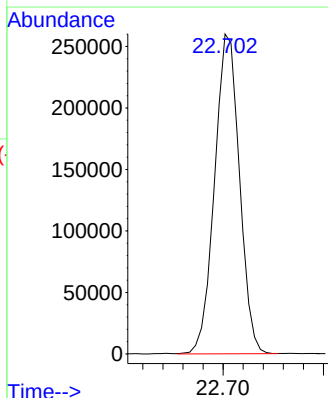
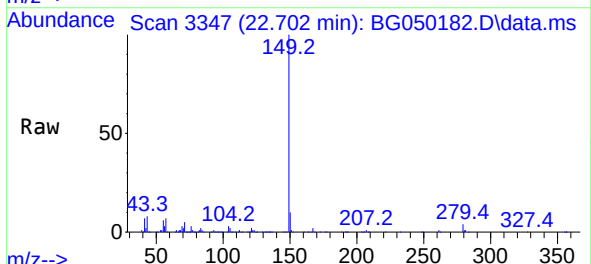
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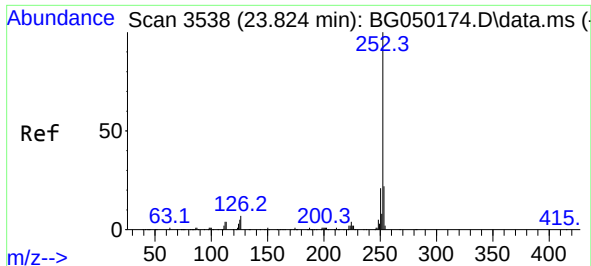
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#89
Di-n-octyl phthalate
Concen: 42.260 ng/ul
RT: 22.702 min Scan# 3347
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

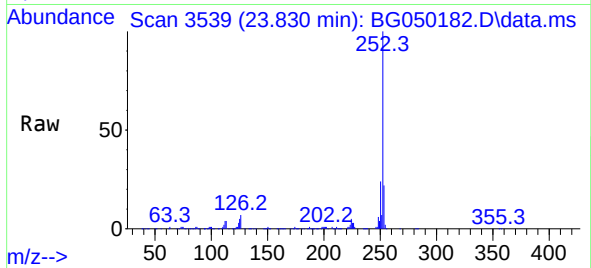
Tgt Ion:149 Resp: 446999





#90
Benzo(b)fluoranthene
Concen: 42.953 ng/ul
RT: 23.830 min Scan# 3539
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

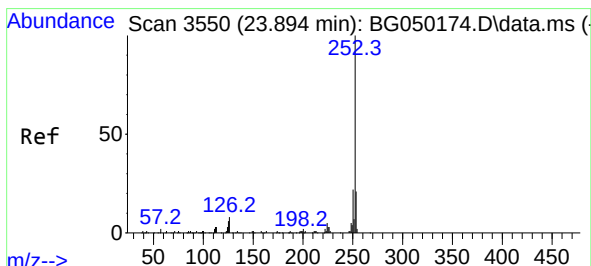
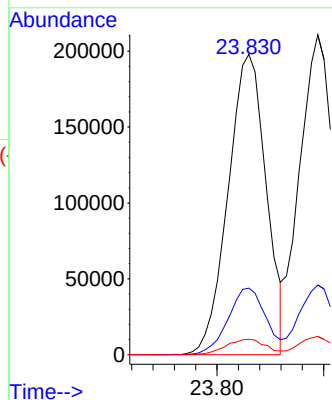
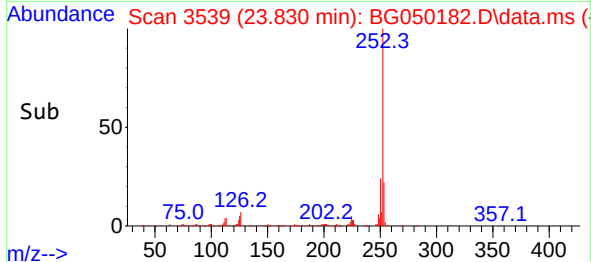
Instrument :
BNA_G
ClientSampleId :
ESQK5MS



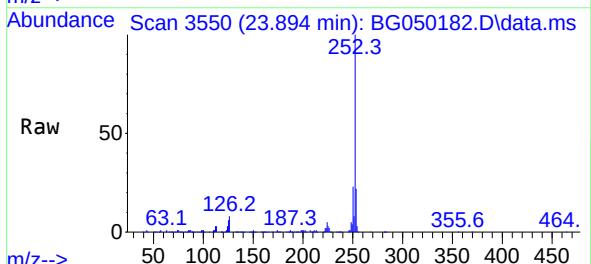
Tgt Ion:252 Resp: 491282
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 5.1 3.4 5.0#

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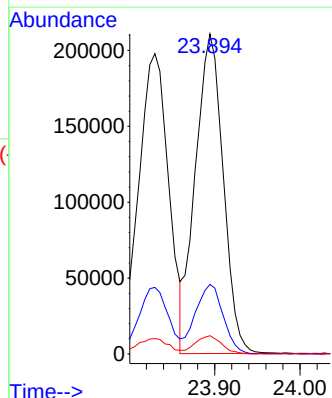
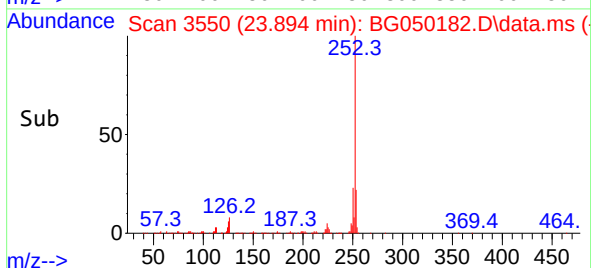
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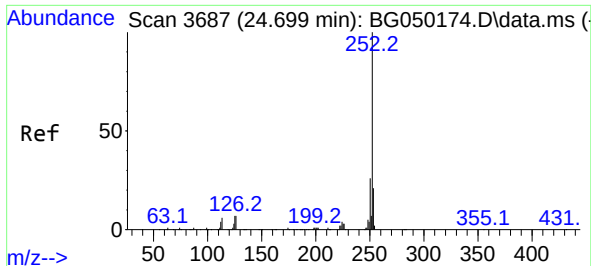


#91
Benzo(k)fluoranthene
Concen: 43.743 ng/ul
RT: 23.894 min Scan# 3550
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

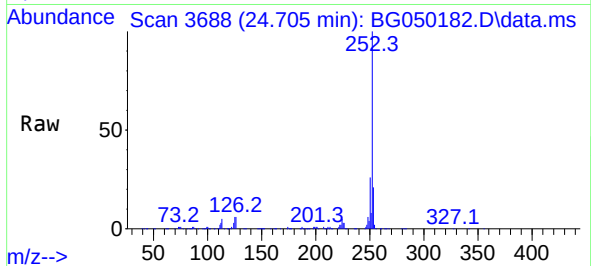


Tgt Ion:252 Resp: 477582
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 5.7 4.1 6.1

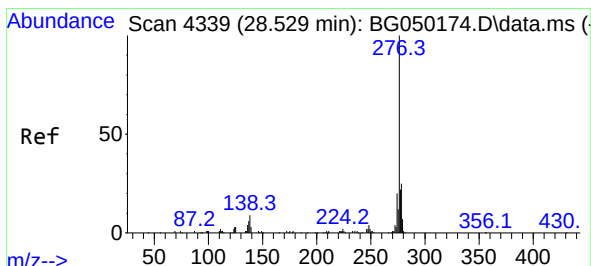
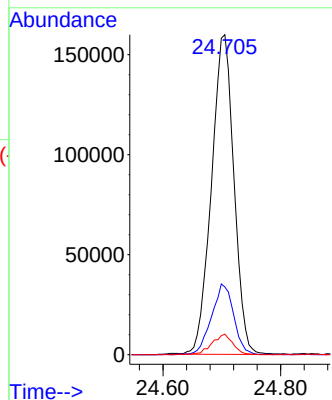
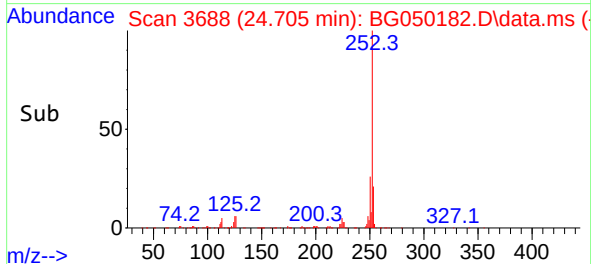




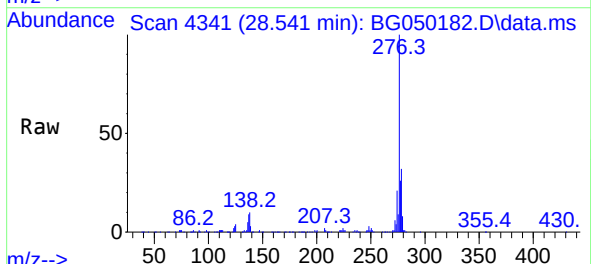
#93
Benzo(a)pyrene
Concen: 42.400 ng/ul
RT: 24.705 min Scan# 3688
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



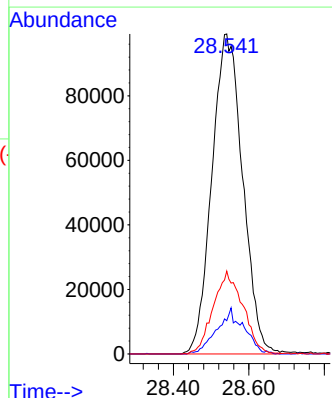
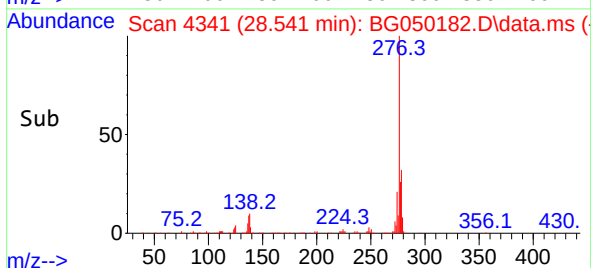
Tgt Ion:252 Resp: 423970
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.4
125 6.4 4.4 6.6



#94
Indeno(1,2,3-cd)pyrene
Concen: 42.788 ng/ul m
RT: 28.541 min Scan# 4341
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



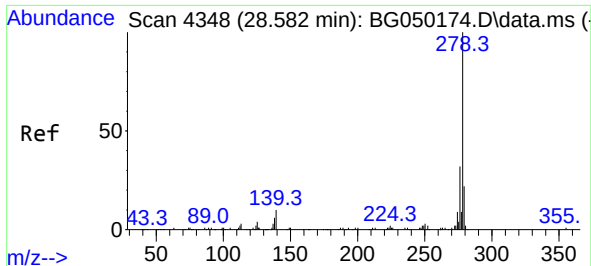
Tgt Ion:276 Resp: 560626
Ion Ratio Lower Upper
276 100
138 10.4 5.5 8.3#
277 25.9 18.6 27.8



Instrument :
BNA_G
ClientSampleId :
ESQK5MS

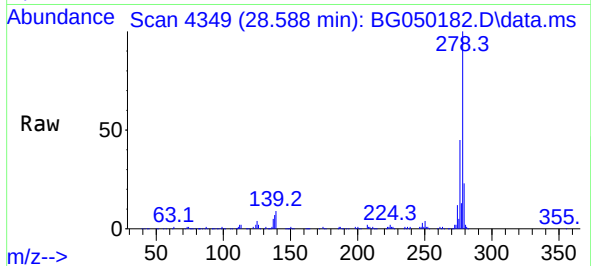
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#95
Dibenzo(a,h)anthracene
Concen: 42.034 ng/ul
RT: 28.588 min Scan# 4349
Delta R.T. -0.011 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09

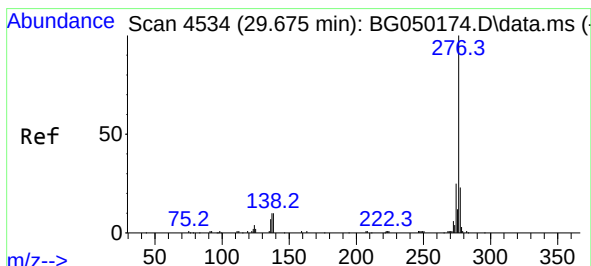
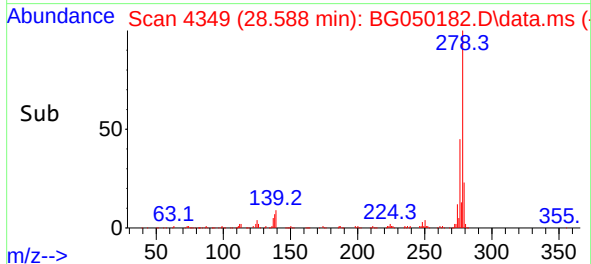
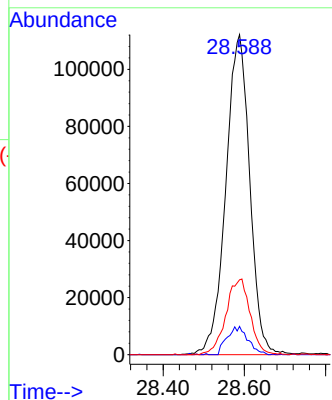
Instrument :
BNA_G
ClientSampleId :
ESQK5MS



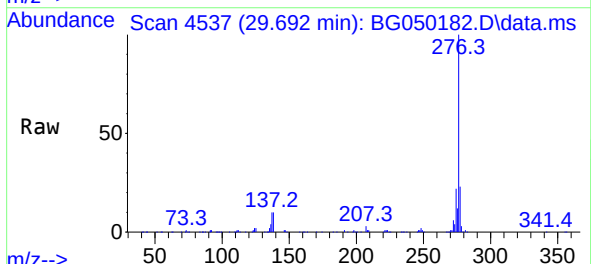
Tgt Ion:278 Resp: 456860
Ion Ratio Lower Upper
278 100
139 8.9 5.2 7.8#
279 23.4 19.0 28.4

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#96
Benzo(g,h,i)perylene
Concen: 43.605 ng/ul
RT: 29.692 min Scan# 4537
Delta R.T. -0.005 min
Lab File: BG050182.D
Acq: 8 Sep 2021 2:09



Tgt Ion:276 Resp: 457742
Ion Ratio Lower Upper
276 100
138 10.3 8.6 13.0
277 23.3 17.4 26.0

