

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049980.D
 Acq On : 26 Aug 2021 14:24
 Operator : CG/JU
 Sample : SP5661
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP5661

Manual Integrations
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Quant Time: Aug 26 15:40:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 20 10:07:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	19430	20.000	ng/u1	#-0.01
20) Naphthalene-d8	10.789	136	86841	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.630	164	60465	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.385	188	137141	20.000	ng/u1	0.00
79) Chrysene-d12	21.656	240	122390	20.000	ng/u1	0.00
88) Perylene-d12	24.887	264	124955	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	5772	15.319	ng/uL	-0.01
4) Pyridine-d5	3.751	84	88459	77.941	ng/u1	-0.02
7) Phenol-d5	7.141	99	129155	78.279	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	72020	78.570	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.505	132	99497	80.594	ng/u1	0.00
15) 4-Methylphenol-d8	8.691	113	100872	77.630	ng/u1	0.00
21) Nitrobenzene-d5	9.144	128	49795	73.961	ng/u1	0.00
24) 2-Nitrophenol-d4	9.866	143	59994	74.836	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.418	165	106344	74.373	ng/u1	0.00
31) 4-Chloroaniline-d4	10.930	131	140620	72.253	ng/u1	0.00
46) Dimethylphthalate-d6	14.031	166	358588	77.491	ng/u1	0.00
49) Acenaphthylene-d8	14.325	160	425052	78.340	ng/u1	0.00
54) 4-Nitrophenol-d4	14.859	143	51251	76.550	ng/u1	0.00
60) Fluorene-d10	15.623	176	300881	76.688	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.764	200	65523	74.264	ng/u1	0.00
73) Anthracene-d10	17.485	188	479104	77.798	ng/u1	0.00
81) Pyrene-d10	19.776	212	556513	84.144	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.676	264	502661	75.825	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.363	88	7147	15.559	ng/uL#	84
5) Pyridine	3.774	79	47394	38.637	ng/u1	92
6) Benzaldehyde	7.099	77	42420	44.678	ng/u1	96
8) Phenol	7.170	94	71079	42.651	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.381	93	48300	41.984	ng/u1	95
12) 2-Chlorophenol	7.534	128	53740	44.052	ng/u1#	89
13) 2-Methylphenol	8.427	108	53971	41.977	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.492	45	50757	42.074	ng/u1	97
16) Acetophenone	8.797	105	90110	42.523	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.779	70	46471	43.674	ng/u1	97
18) 4-Methylphenol	8.756	108	59028	42.676	ng/u1	84
19) Hexachloroethane	9.056	117	23869	44.708	ng/u1	96
22) Nitrobenzene	9.185	77	71914	39.420	ng/u1	98
23) Isophorone	9.708	82	129102	39.719	ng/u1	95
25) 2-Nitrophenol	9.901	139	33693	43.229	ng/u1	92
26) 2,4-Dimethylphenol	9.960	107	70210	40.533	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.189	93	68226	40.648	ng/u1	100
29) 2,4-Dichlorophenol	10.448	162	56555	43.093	ng/u1	97
30) Naphthalene	10.841	128	174644	40.235	ng/u1	98
32) 4-Chloroaniline	10.953	127	71470	38.131	ng/u1	89
33) Hexachlorobutadiene	11.117	225	42780	40.294	ng/u1	98
34) Caprolactam	11.723	113	16848m	36.649	ng/u1	
35) 4-Chloro-3-methylphenol	12.093	107	65639	41.849	ng/u1	95
36) 2-Methylnaphthalene	12.451	142	129940	40.272	ng/u1	100

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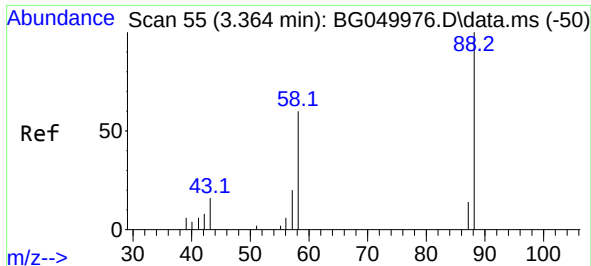
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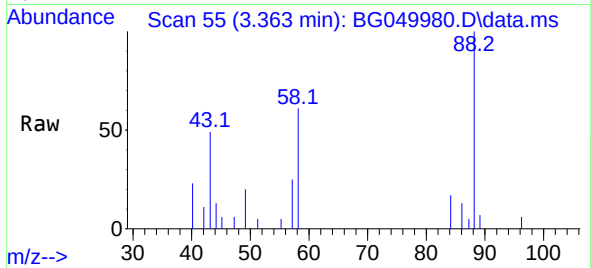
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.674	142	126017	38.693	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.821	216	74478	41.937	ng/ul#	95
40) Hexachlorocyclopentadiene	12.798	237	14210	17.878	ng/ul	98
41) 2,4,6-Trichlorophenol	13.068	196	47061	41.582	ng/ul	88
42) 2,4,5-Trichlorophenol	13.150	196	48035	40.496	ng/ul	90
43) 1,1'-Biphenyl	13.461	154	170614	40.389	ng/ul	97
44) 2-Chloronaphthalene	13.508	162	136776	40.310	ng/ul	97
45) 2-Nitroaniline	13.714	65	48823	42.380	ng/ul	93
47) Dimethylphthalate	14.078	163	184941	40.383	ng/ul	99
48) 2,6-Dinitrotoluene	14.207	165	40528	42.864	ng/ul#	88
50) Acenaphthylene	14.354	152	199333	40.197	ng/ul	99
51) 3-Nitroaniline	14.542	138	37850	41.485	ng/ul	96
52) Acenaphthene	14.695	153	143860	39.992	ng/ul	99
53) 2,4-Dinitrophenol	14.765	184	17077	35.363	ng/ul#	86
55) 4-Nitrophenol	14.871	109	32803	38.644	ng/ul	95
56) Dibenzofuran	15.030	168	200657	40.280	ng/ul	96
57) 2,4-Dinitrotoluene	15.000	165	57046	41.945	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.271	232	40370	41.071	ng/ul#	97
59) Diethylphthalate	15.441	149	194106	41.432	ng/ul	98
61) Fluorene	15.682	166	167218	39.787	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.664	204	90346	40.628	ng/ul	99
63) 4-Nitroaniline	15.705	138	38772	42.585	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.776	198	30863	38.592	ng/ul	97
67) N-Nitrosodiphenylamine	15.887	169	148379	41.095	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	63846	42.084	ng/ul	97
69) Hexachlorobenzene	16.692	284	71999	41.099	ng/ul	96
70) Atrazine	16.833	200	68729	42.848	ng/ul	92
71) Pentachlorophenol	17.045	266	18794	25.335	ng/ul	93
72) Phenanthrene	17.427	178	286012	41.834	ng/ul	98
74) Anthracene	17.521	178	281424	40.620	ng/ul#	93
75) 1,2,3,4-Tetrachloroben...	13.432	216	74316	40.390	ng/uL	93
76) Pentachlorobenzene	14.953	250	78345	40.184	ng/uL	96
77) Carbazole	17.791	167	257322	41.739	ng/ul	99
78) Di-n-butylphthalate	18.337	149	330714	41.944	ng/ul	97
80) Fluoranthene	19.442	202	356882	43.728	ng/ul	99
82) Pyrene	19.806	202	346424	42.835	ng/ul	99
83) Butylbenzylphthalate	20.675	149	136803	42.865	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.550	252	121265	41.798	ng/ul#	96
85) Benzo(a)anthracene	21.639	228	315946	41.429	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.527	149	182940	41.739	ng/ul	100
87) Chrysene	21.703	228	309029	42.867	ng/ul	96
89) Di-n-octyl phthalate	22.731	149	300150	40.491	ng/ul	100
90) Benzo(b)fluoranthene	23.859	252	320045	40.041	ng/ul	99
91) Benzo(k)fluoranthene	23.924	252	317295	41.763	ng/ul	98
93) Benzo(a)pyrene	24.740	252	284033	40.918	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.582	276	370242	40.434	ng/ul#	98
95) Dibenzo(a,h)anthracene	28.647	278	312519	40.770	ng/ul	99
96) Benzo(g,h,i)perylene	29.751	276	306017m	39.752	ng/ul	

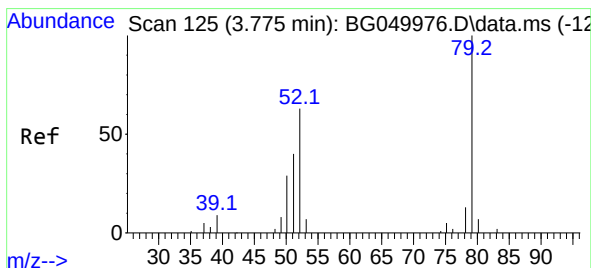
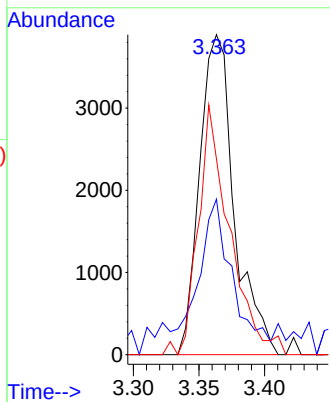
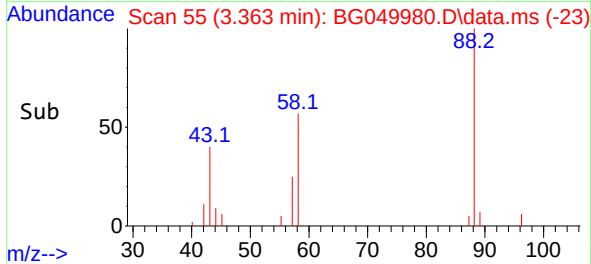
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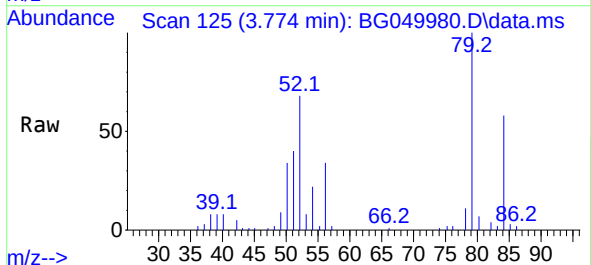
#2
1,4-Dioxane
Concen: 15.559 ng/uL
RT: 3.363 min Scan# 55
Delta R.T. -0.014 min
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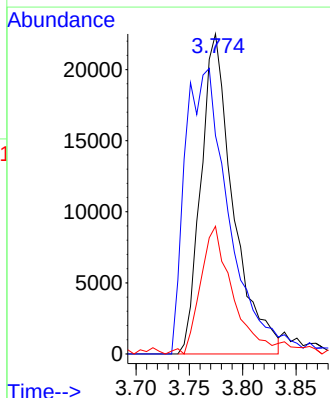
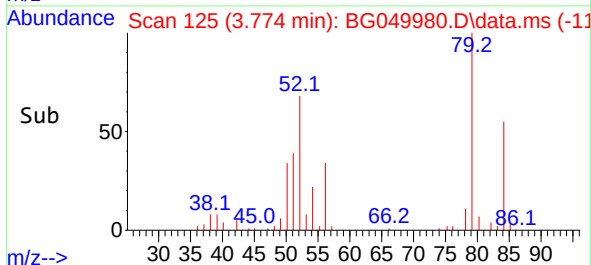
Tgt Ion: 88 Resp: 7147
Ion Ratio Lower Upper
88 100
43 48.6 21.6 32.4#
58 61.2 52.0 78.0



#5
Pyridine
Concen: 38.637 ng/uL
RT: 3.774 min Scan# 125
Delta R.T. -0.014 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



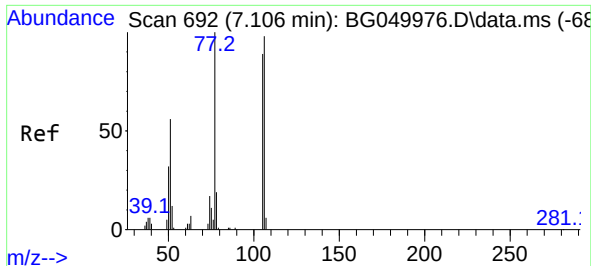
Tgt Ion: 79 Resp: 47394
Ion Ratio Lower Upper
79 100
52 68.3 61.1 91.7
51 39.9 34.8 52.2



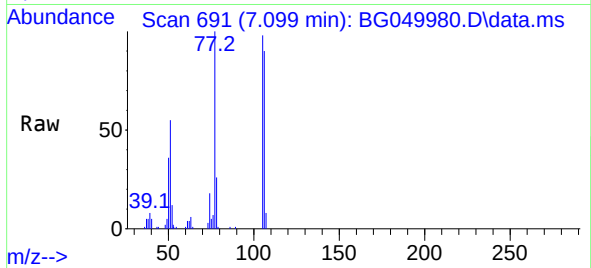
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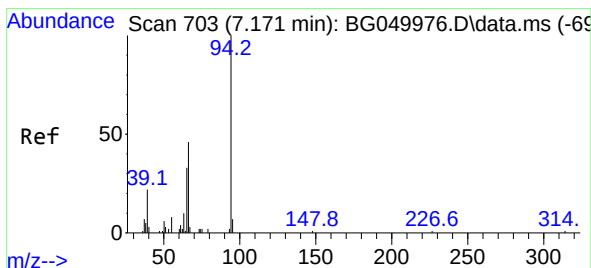
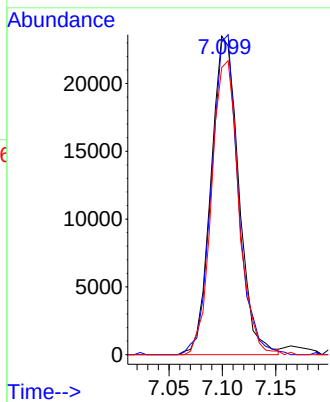
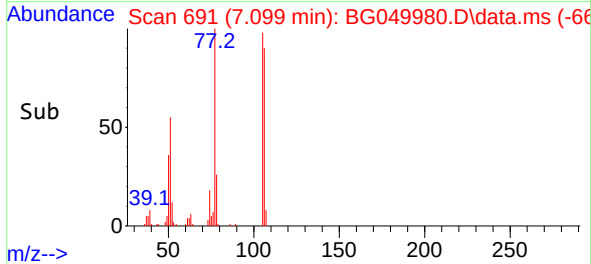
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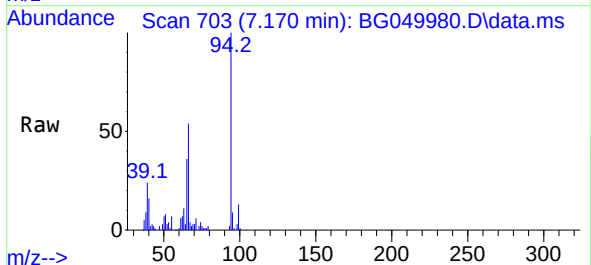
#6
Benzaldehyde
Concen: 44.678 ng/ul
RT: 7.099 min Scan# 691
Delta R.T. -0.020 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



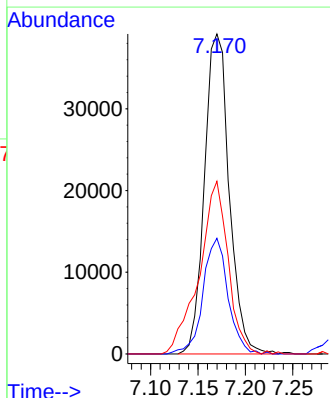
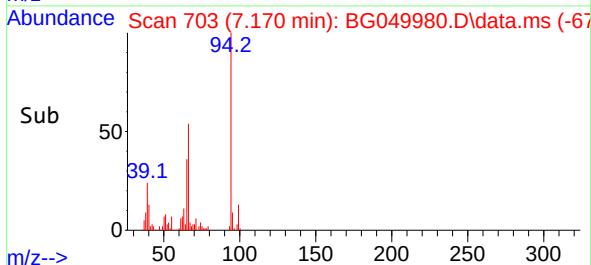
Tgt Ion: 77 Resp: 42420
Ion Ratio Lower Upper
77 100
105 98.2 72.3 108.5
106 90.2 72.3 108.5



#8
Phenol
Concen: 42.651 ng/ul
RT: 7.170 min Scan# 703
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



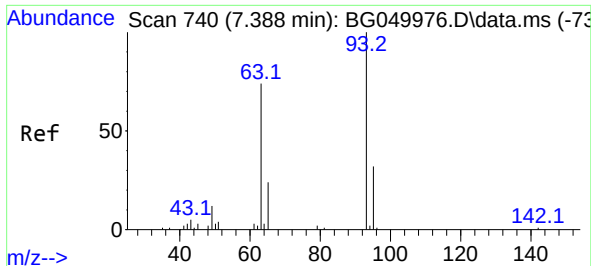
Tgt Ion: 94 Resp: 71079
Ion Ratio Lower Upper
94 100
65 36.2 27.7 41.5
66 54.0 39.0 58.4



Instrument :
BNA_G
ClientSampleId :
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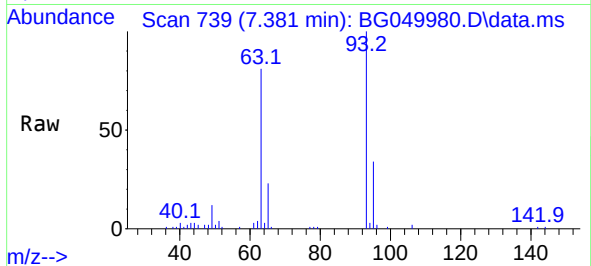
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#10
Bis(2-Chloroethyl)ether
Concen: 41.984 ng/ul
RT: 7.381 min Scan# 739
Delta R.T. -0.014 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

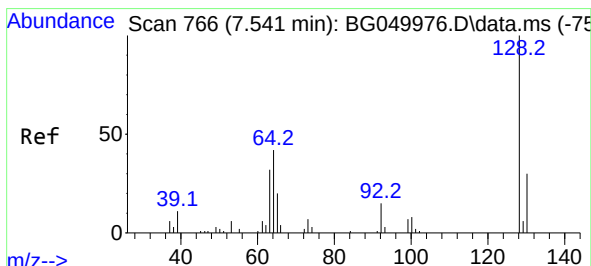
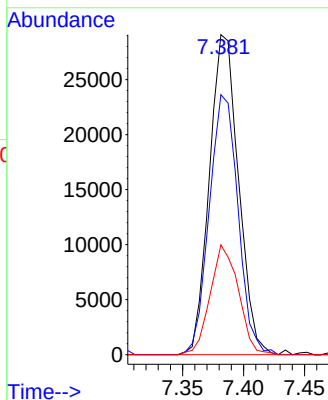
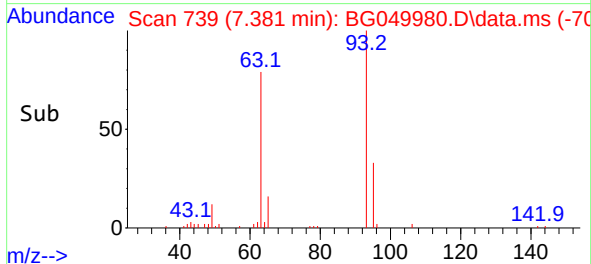
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ClientSampled :
SP5661



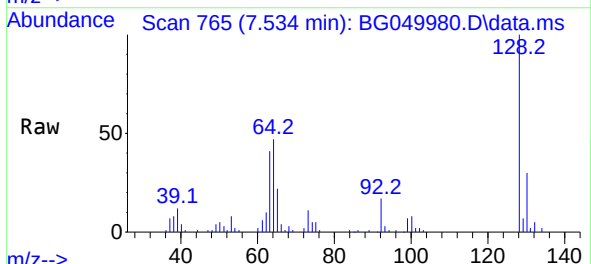
Tgt Ion: 93 Resp: 48300
Ion Ratio Lower Upper
93 100
63 81.2 59.9 89.9
95 34.3 27.6 41.4

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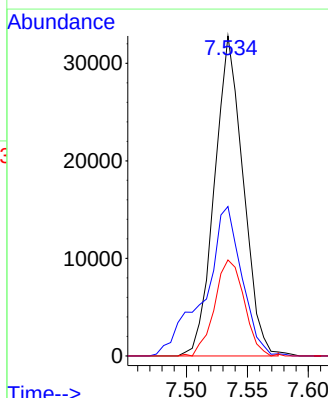
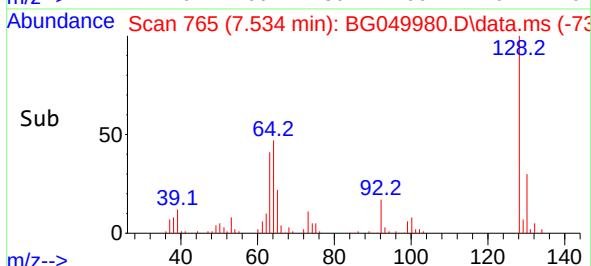
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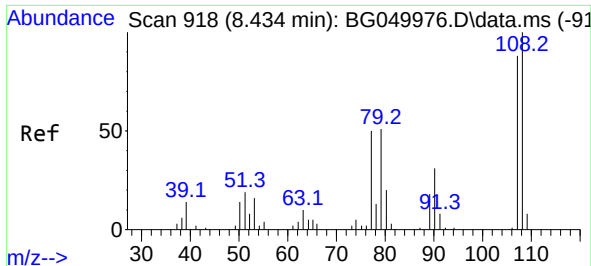


#12
2-Chlorophenol
Concen: 44.052 ng/ul
RT: 7.534 min Scan# 765
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



Tgt Ion: 128 Resp: 53740
Ion Ratio Lower Upper
128 100
64 46.7 28.0 42.0#
130 30.0 24.4 36.6





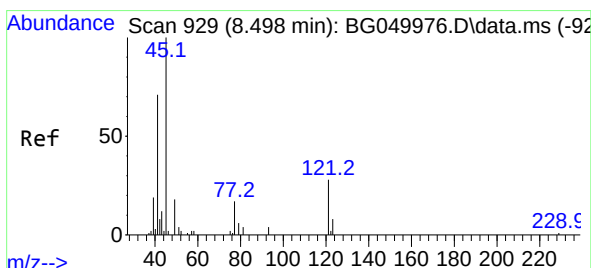
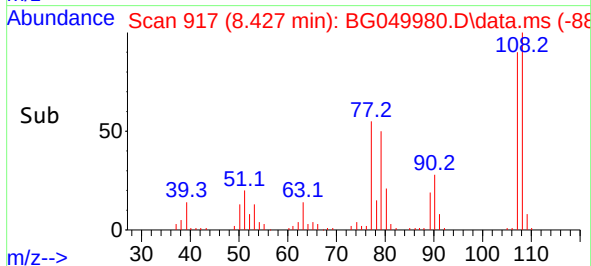
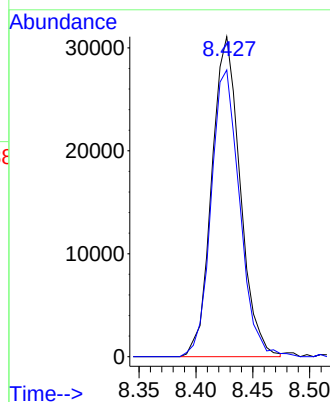
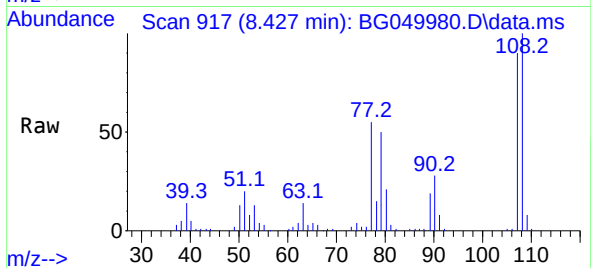
#13
2-Methylphenol
Concen: 41.977 ng/ul
RT: 8.427 min Scan# 917
Delta R.T. -0.003 min
Lab File: BG049980.D
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Tgt Ion:108 Resp: 53971
Ion Ratio Lower Upper
108 100
107 89.6 71.0 106.4

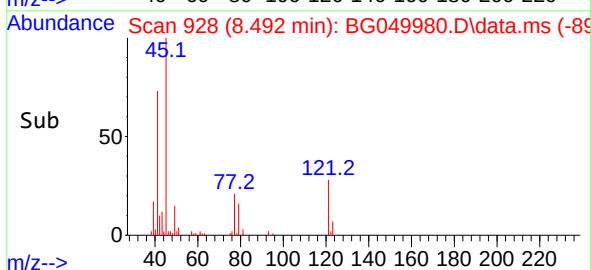
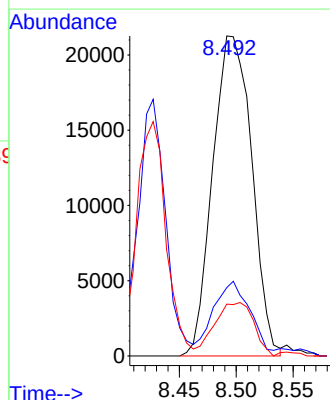
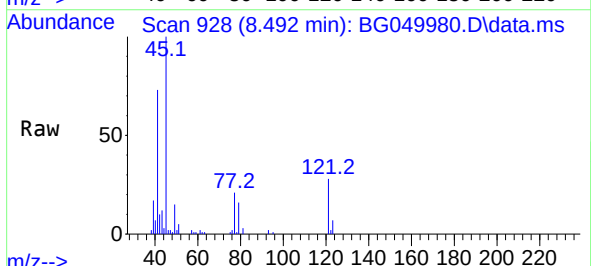
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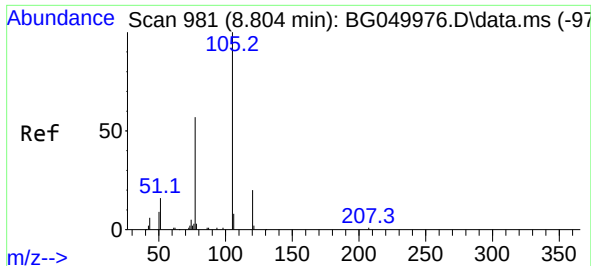
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 42.074 ng/ul
RT: 8.492 min Scan# 928
Delta R.T. -0.020 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

Tgt Ion: 45 Resp: 50757
Ion Ratio Lower Upper
45 100
77 21.3 16.9 25.3
79 16.2 11.0 16.4





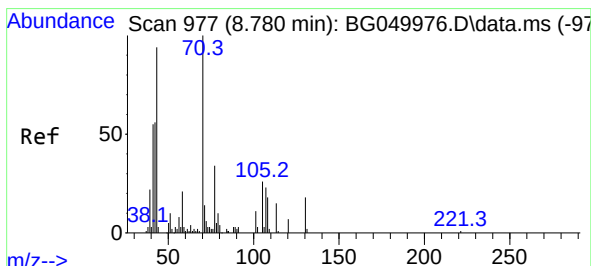
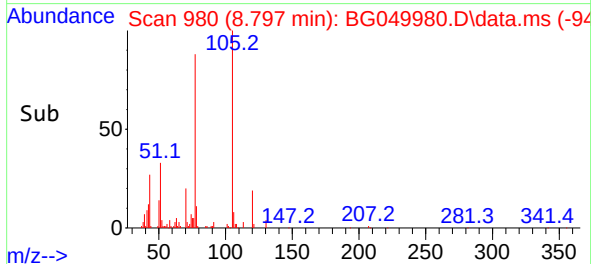
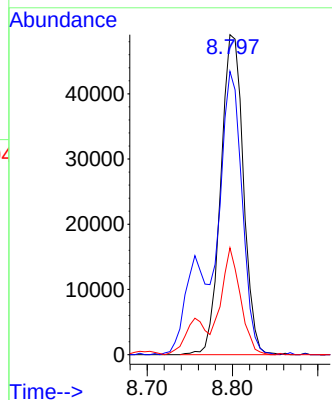
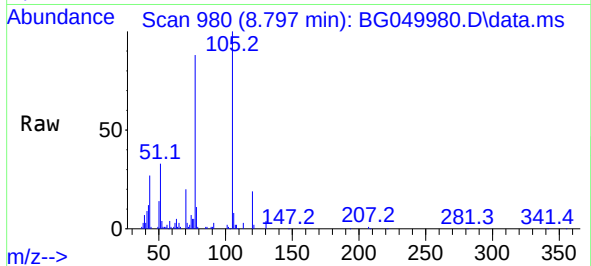
#16
Acetophenone
Concen: 42.523 ng/ul
RT: 8.797 min Scan# 980
Delta R.T. -0.014 min
Lab File: BG049980.D
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Tgt Ion: 105 Resp: 90110
Ion Ratio Lower Upper
105 100
77 88.5 67.7 101.5
51 33.4 25.3 37.9

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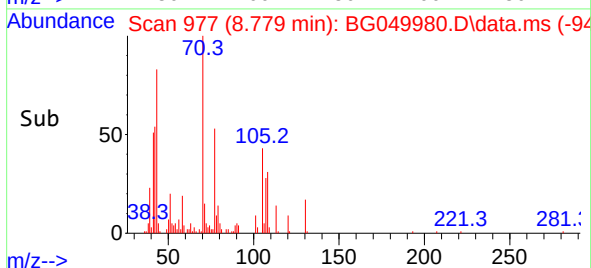
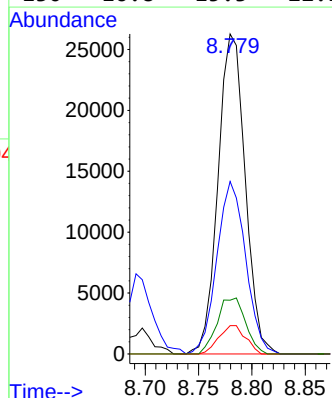
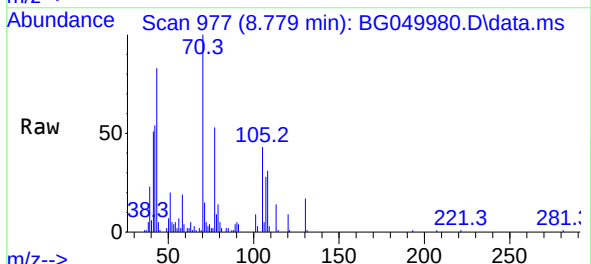
Manual Integrations
APPROVED

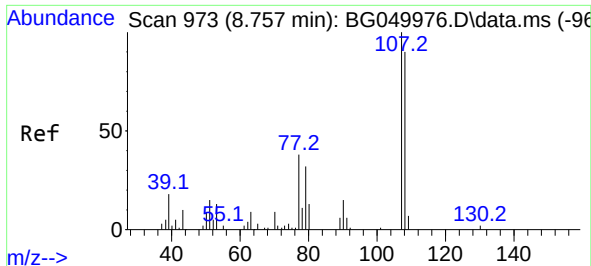
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#17
N-Nitroso-di-n-propylamine
Concen: 43.674 ng/ul
RT: 8.779 min Scan# 977
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

Tgt Ion: 70 Resp: 46471
Ion Ratio Lower Upper
70 100
42 53.9 44.2 66.4
101 8.8 7.8 11.8
130 16.8 15.3 22.9





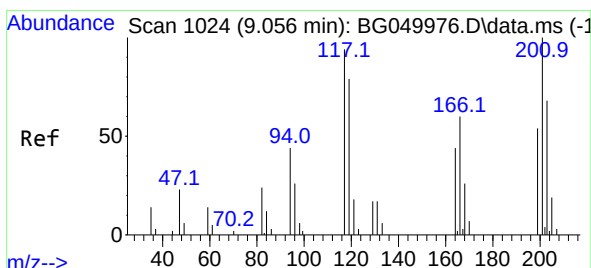
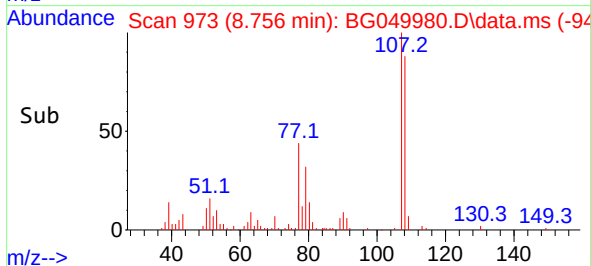
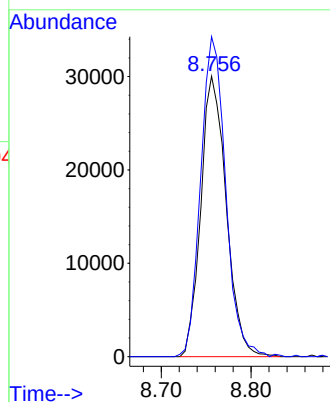
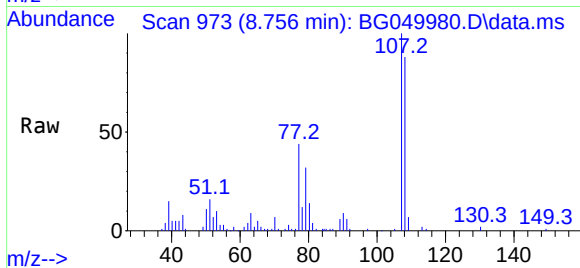
#18
4-Methylphenol
Concen: 42.676 ng/ul
RT: 8.756 min Scan# 973
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

Instrument :
BNA_G
ClientSampled :
SP5661

Tgt Ion:108 Resp: 59028
Ion Ratio Lower Upper
108 100
107 114.1 78.3 117.5

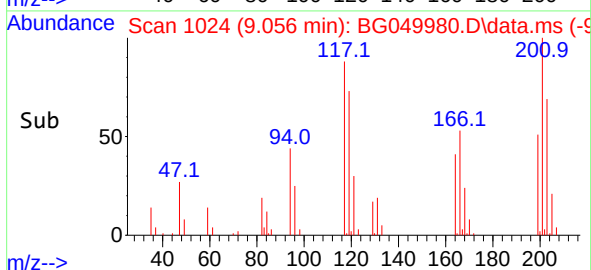
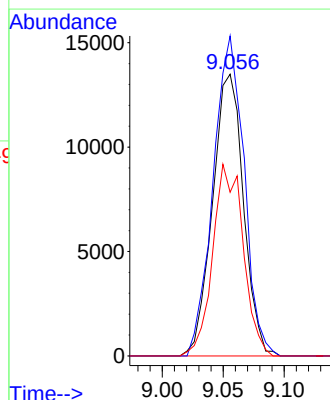
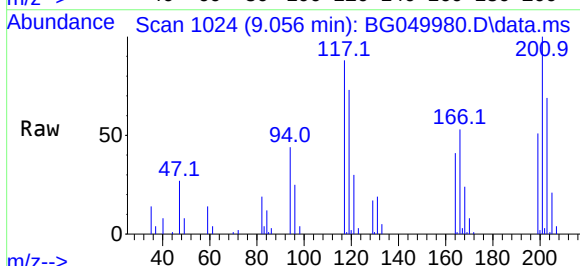
Manual Integrations
APPROVED

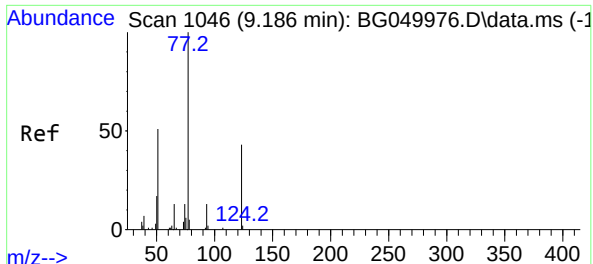
mohammad
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#19
Hexachloroethane
Concen: 44.708 ng/ul
RT: 9.056 min Scan# 1024
Delta R.T. -0.020 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

Tgt Ion:117 Resp: 23869
Ion Ratio Lower Upper
117 100
201 113.6 89.3 133.9
199 58.1 50.5 75.7





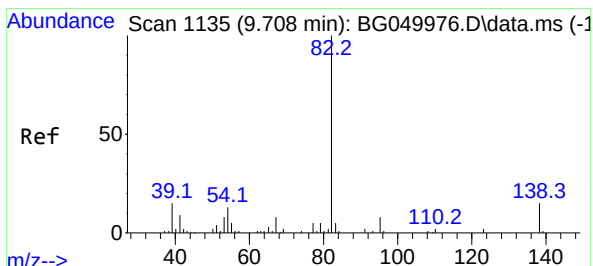
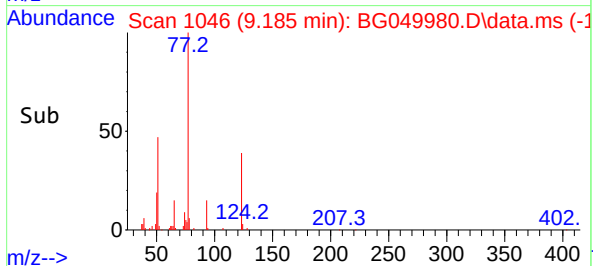
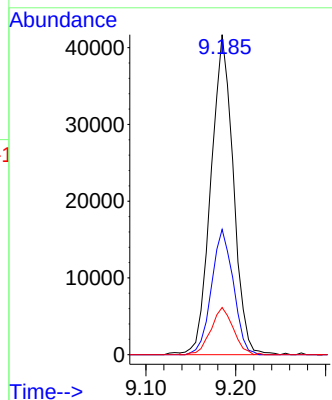
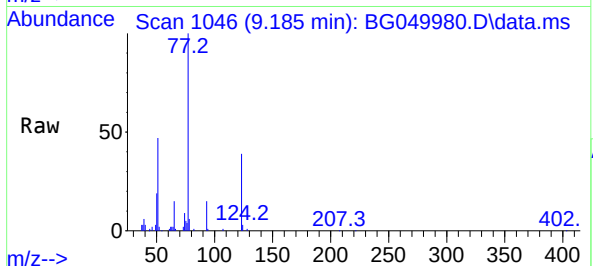
#22
Nitrobenzene
Concen: 39.420 ng/ul
RT: 9.185 min Scan# 1046
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

Tgt Ion: 77 Resp: 71914
Ion Ratio Lower Upper
77 100
123 39.2 30.4 45.6
65 14.7 11.3 16.9

Instrument :
BNA_G
ClientSampled :
SP5661

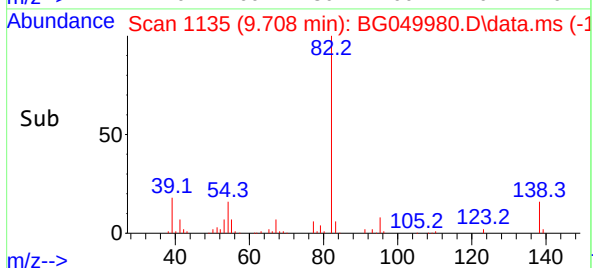
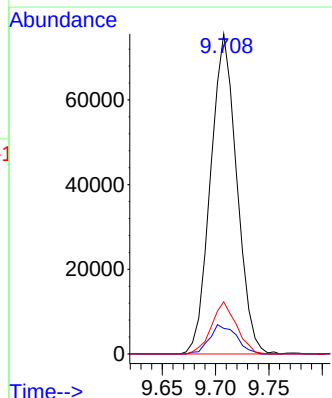
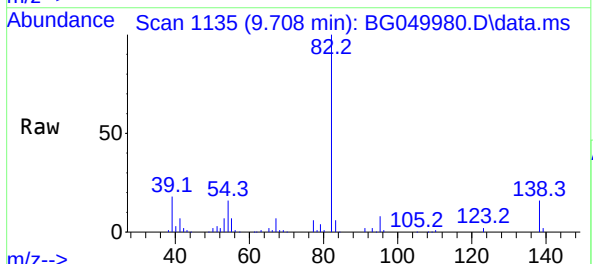
Manual Integrations
APPROVED

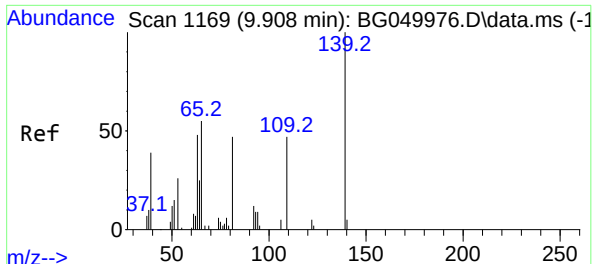
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#23
Isophorone
Concen: 39.719 ng/ul
RT: 9.708 min Scan# 1135
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

Tgt Ion: 82 Resp: 129102
Ion Ratio Lower Upper
82 100
95 8.0 7.8 11.8
138 16.3 11.4 17.0





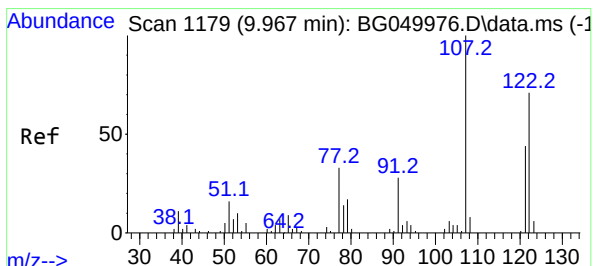
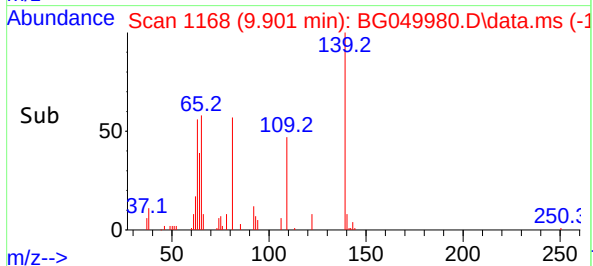
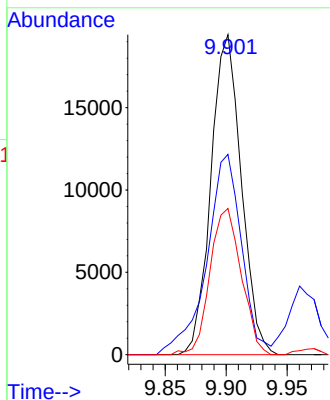
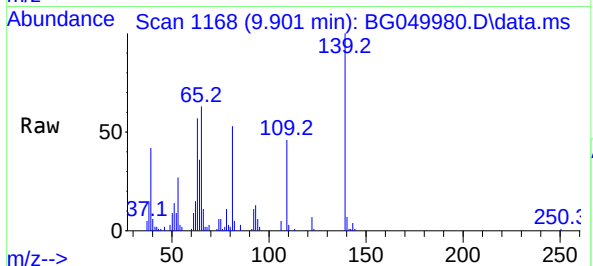
#25
2-Nitrophenol
Concen: 43.229 ng/ul
RT: 9.901 min Scan# 1168
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

Tgt Ion:139 Resp: 33693
Ion Ratio Lower Upper
139 100
65 62.6 53.1 79.7
109 45.7 44.1 66.1

Instrument :
BNA_G
ClientSampled :
SP5661

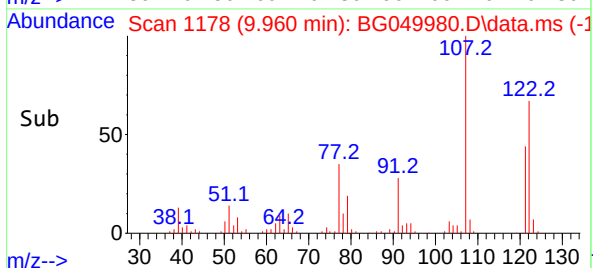
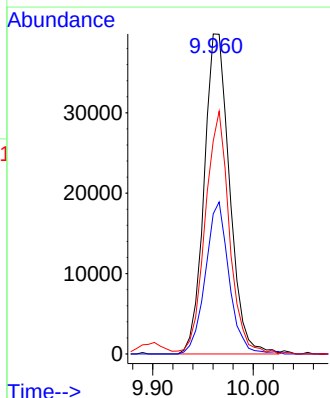
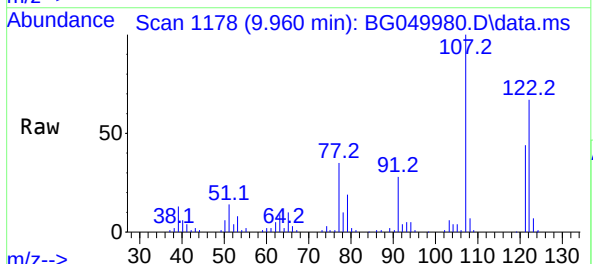
Manual Integrations
APPROVED

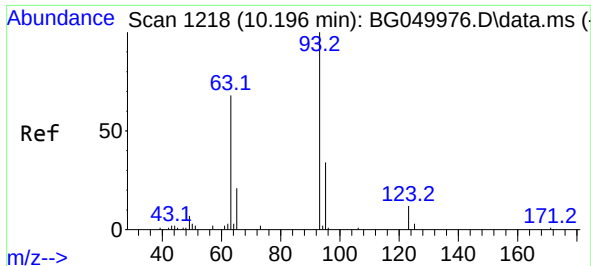
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#26
2,4-Dimethylphenol
Concen: 40.533 ng/ul
RT: 9.960 min Scan# 1178
Delta R.T. -0.014 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

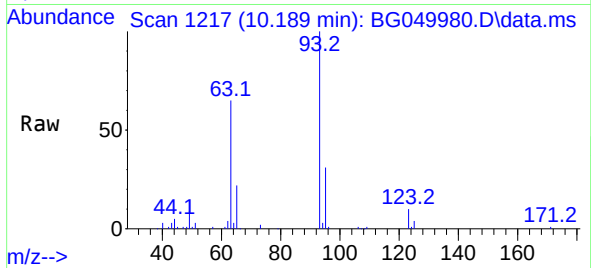
Tgt Ion:107 Resp: 70210
Ion Ratio Lower Upper
107 100
121 43.8 32.7 49.1
122 66.6 52.6 79.0





#27
 Bis(2-Chloroethoxy)methane
 Concen: 40.648 ng/ul
 RT: 10.189 min Scan# 1217
 Delta R.T. -0.009 min
 Lab File: BG049980.D
 Acq: 26 Aug 2021 14:24

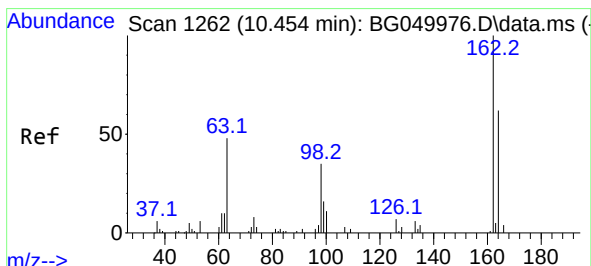
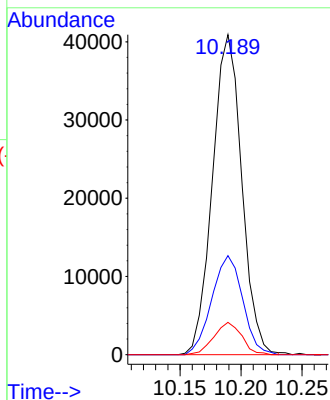
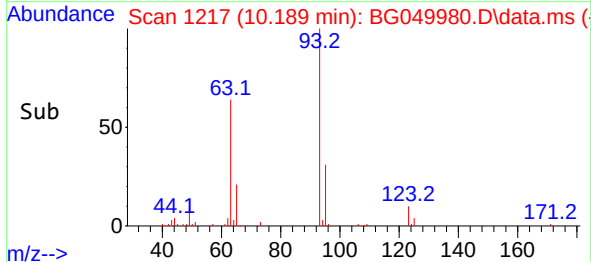
Instrument :
 BNA_G
 ClientSampled :
 SP5661



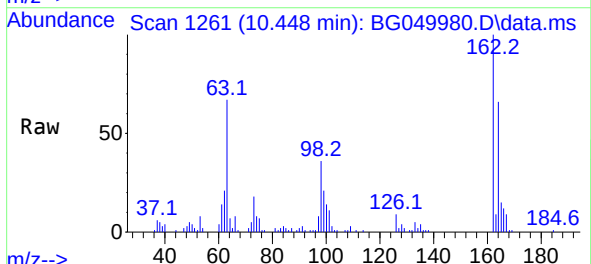
Tgt Ion: 93 Resp: 68226
 Ion Ratio Lower Upper
 93 100
 95 31.0 24.8 37.2
 123 10.1 8.2 12.2

Manual Integrations
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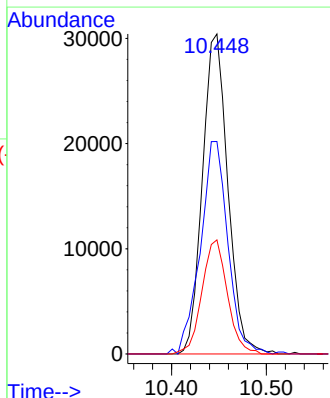
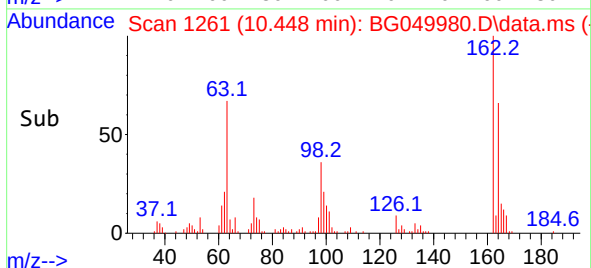
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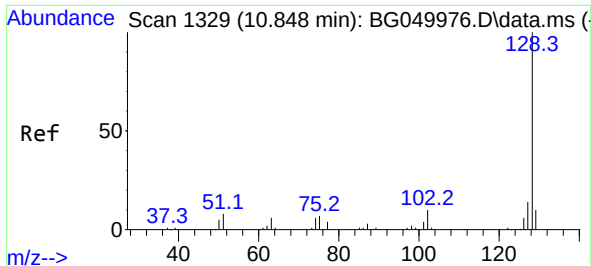


#29
 2,4-Dichlorophenol
 Concen: 43.093 ng/ul
 RT: 10.448 min Scan# 1261
 Delta R.T. -0.009 min
 Lab File: BG049980.D
 Acq: 26 Aug 2021 14:24



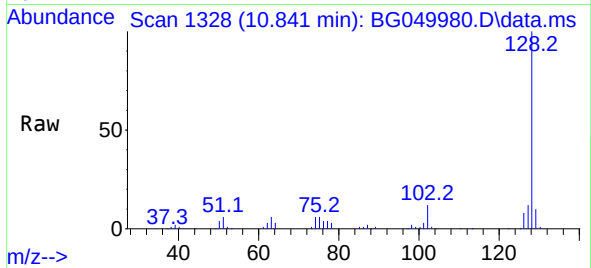
Tgt Ion: 162 Resp: 56555
 Ion Ratio Lower Upper
 162 100
 164 66.4 51.0 76.6
 98 35.7 27.8 41.8





#30
Naphthalene
Concen: 40.235 ng/ul
RT: 10.841 min Scan# 1328
Delta R.T. -0.014 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

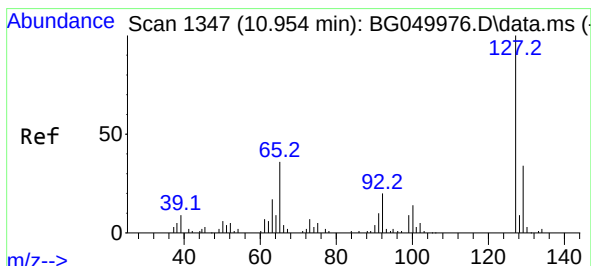
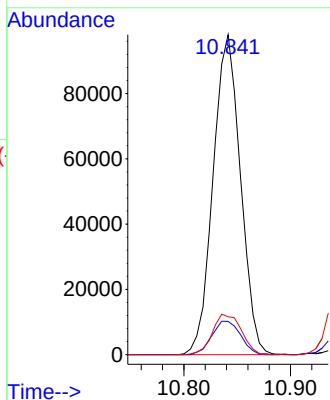
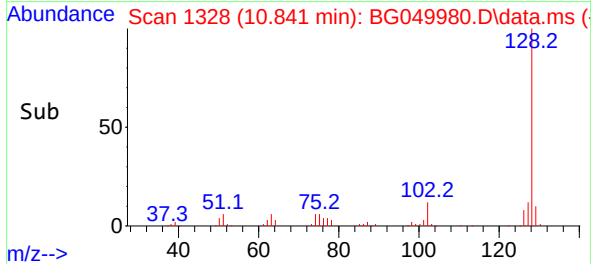
Instrument :
BNA_G
ClientSampled :
SP5661



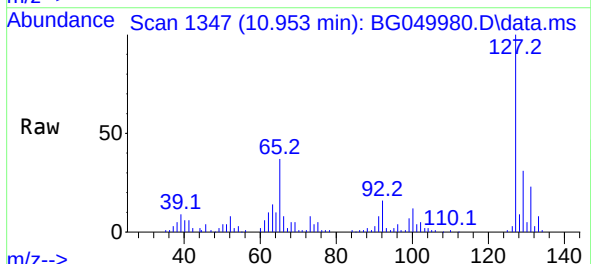
Tgt Ion:128 Resp: 174644
Ion Ratio Lower Upper
128 100
129 10.4 9.3 13.9
127 11.8 9.8 14.6

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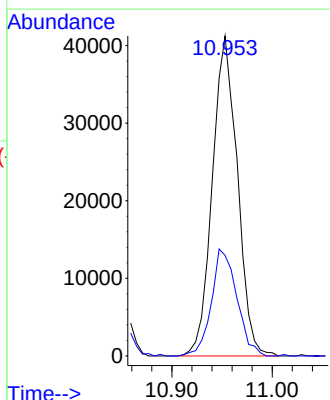
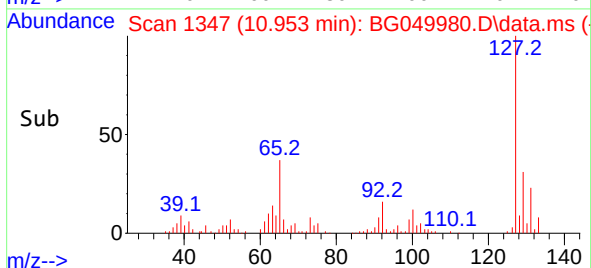
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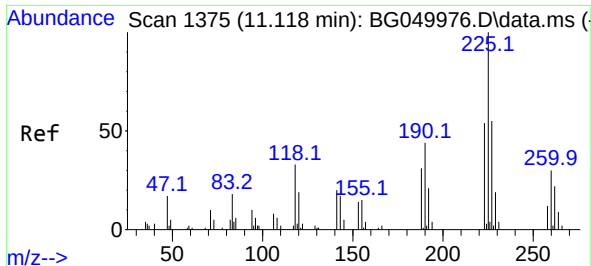


#32
4-Chloroaniline
Concen: 38.131 ng/ul
RT: 10.953 min Scan# 1347
Delta R.T. -0.014 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



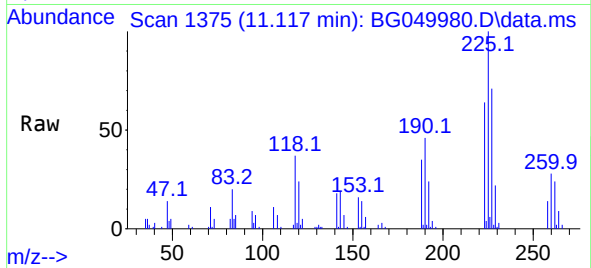
Tgt Ion:127 Resp: 71470
Ion Ratio Lower Upper
127 100
129 31.4 30.3 45.5





#33
Hexachlorobutadiene
Concen: 40.294 ng/ul
RT: 11.117 min Scan# 1375
Delta R.T. -0.014 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

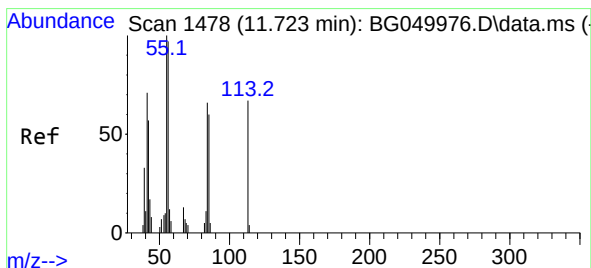
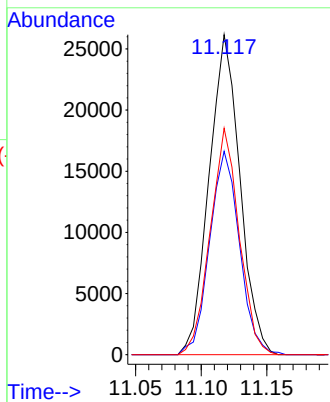
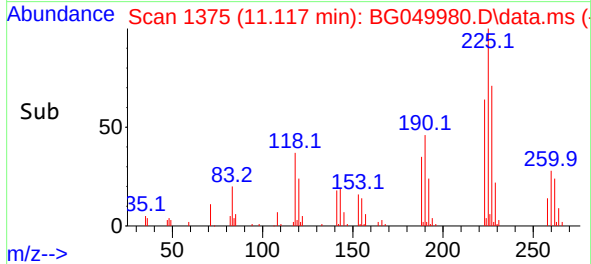
Instrument :
BNA_G
ClientSampled :
SP5661



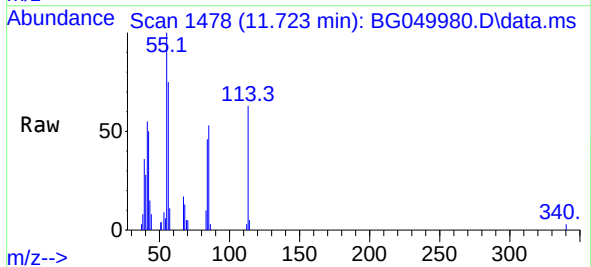
Tgt Ion:225 Resp: 42780
Ion Ratio Lower Upper
225 100
223 63.6 51.3 76.9
227 70.7 55.1 82.7

Manual Integrations
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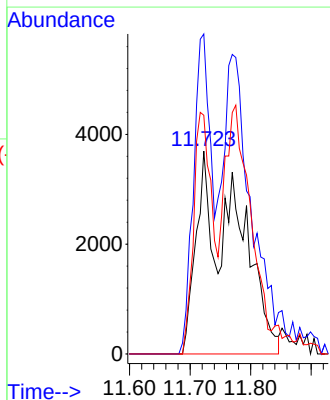
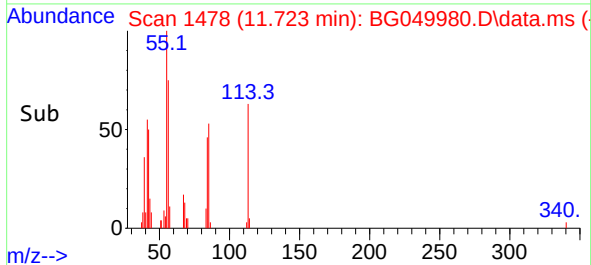
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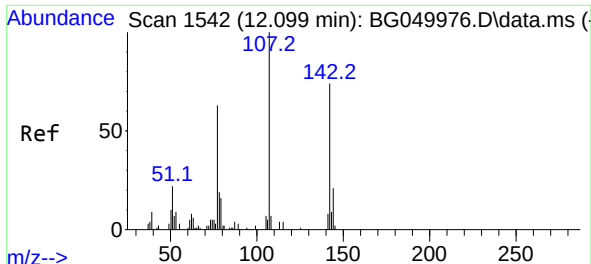


#34
Caprolactam
Concen: 36.649 ng/ul m
RT: 11.723 min Scan# 1478
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

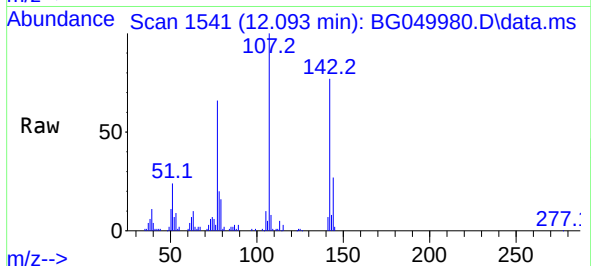


Tgt Ion:113 Resp: 16848
Ion Ratio Lower Upper
113 100
55 157.7 114.0 171.0
56 117.6 107.4 161.0

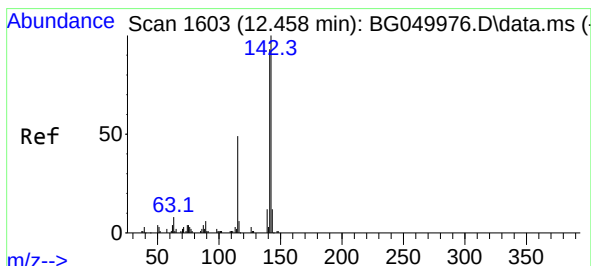
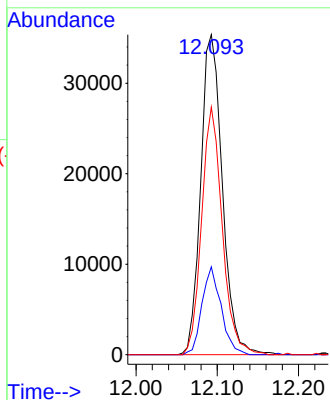
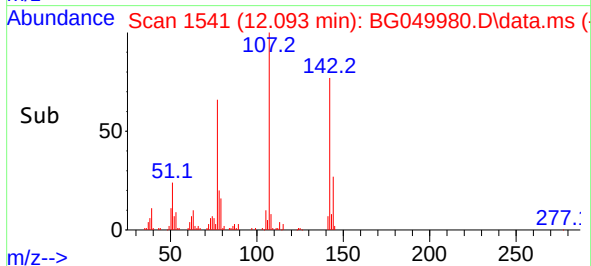




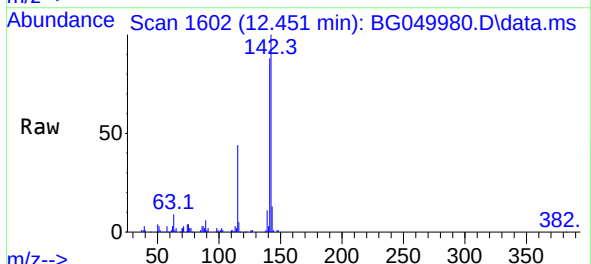
#35
4-Chloro-3-methylphenol
Concen: 41.849 ng/ul
RT: 12.093 min Scan# 1541
Delta R.T. -0.003 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



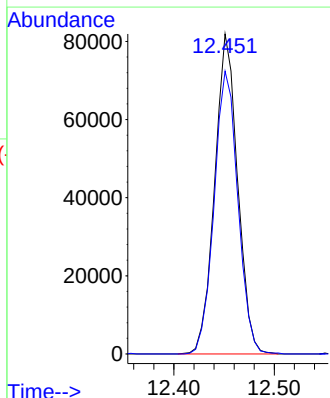
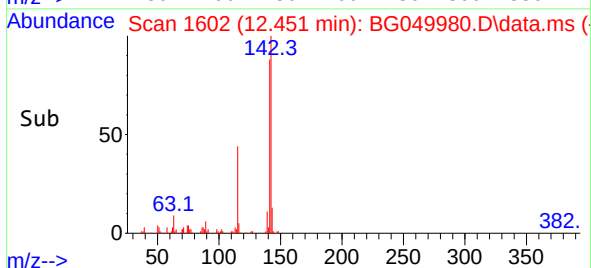
Tgt Ion:107 Resp: 65639
Ion Ratio Lower Upper
107 100
144 27.4 18.9 28.3
142 77.4 59.2 88.8



#36
2-Methylnaphthalene
Concen: 40.272 ng/ul
RT: 12.451 min Scan# 1602
Delta R.T. -0.014 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



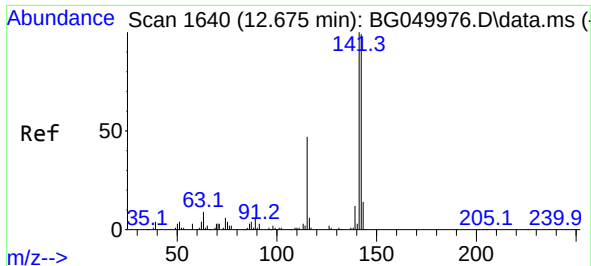
Tgt Ion:142 Resp: 129940
Ion Ratio Lower Upper
142 100
141 88.4 70.5 105.7



Instrument :
BNA_G
ClientSampleId :
SP5661

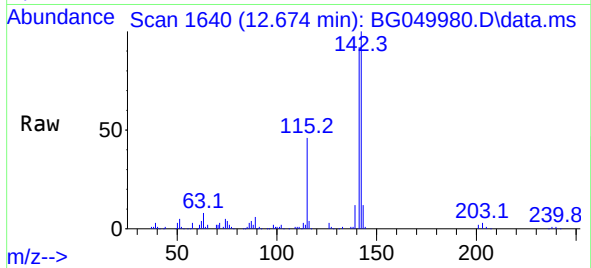
Manual Integrations
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#37
1-Methylnaphthalene
Concen: 38.693 ng/ul
RT: 12.674 min Scan# 1640
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

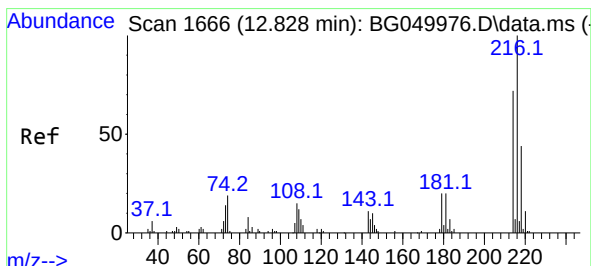
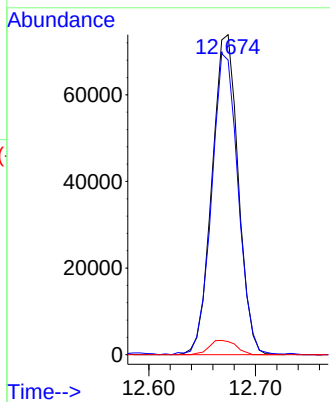
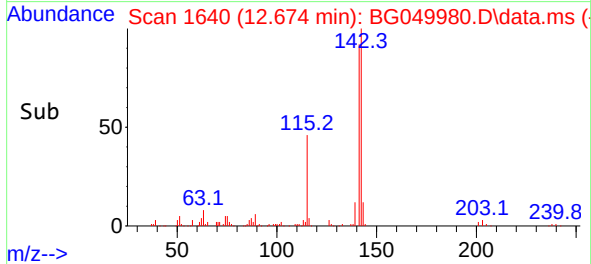
Instrument :
BNA_G
ClientSampled :
SP5661



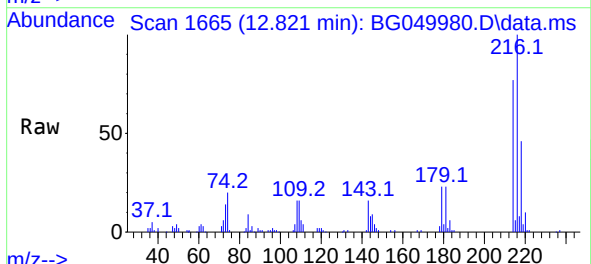
Tgt Ion:142 Resp: 126017
Ion Ratio Lower Upper
142 100
141 92.1 75.8 113.8
116 4.1 3.7 5.5

Manual Integrations
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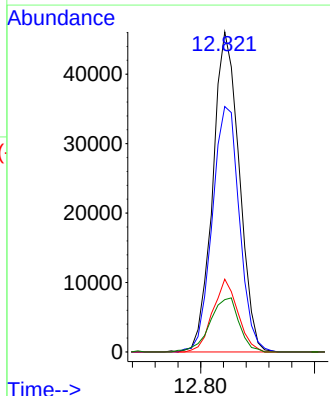
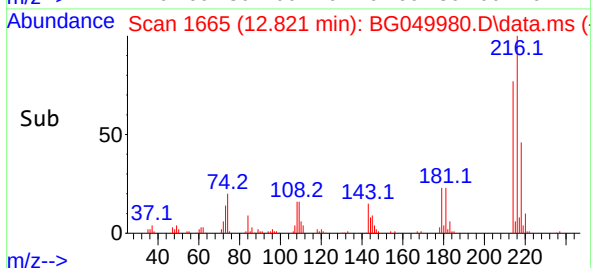
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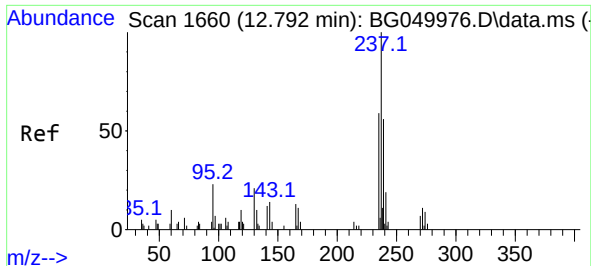


#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.937 ng/ul
RT: 12.821 min Scan# 1665
Delta R.T. -0.014 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

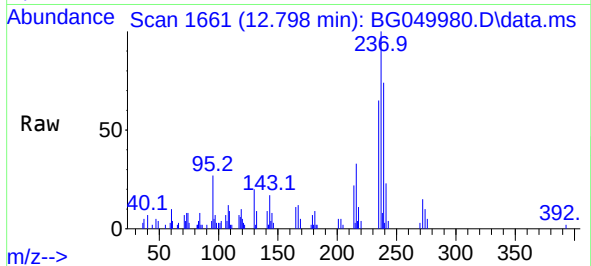


Tgt Ion:216 Resp: 74478
Ion Ratio Lower Upper
216 100
214 76.7 64.2 96.2
179 22.7 12.8 19.2#
108 16.4 13.1 19.7

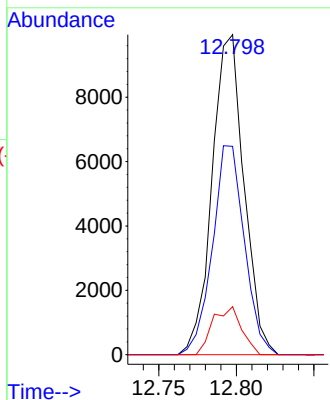
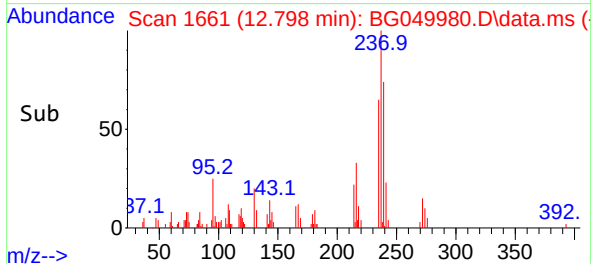




#40
Hexachlorocyclopentadiene
Concen: 17.878 ng/ul
RT: 12.798 min Scan# 1661
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



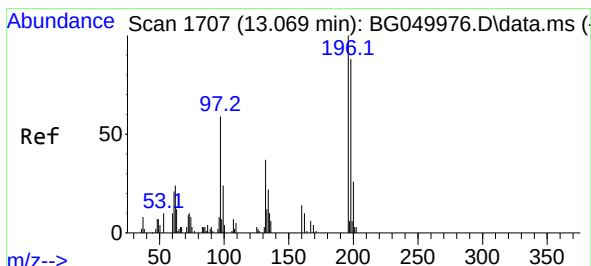
Tgt Ion:237 Resp: 14210
Ion Ratio Lower Upper
237 100
235 65.1 53.5 80.3
272 15.0 11.5 17.3



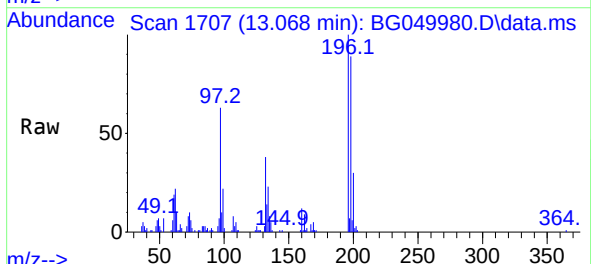
Instrument :
BNA_G
ClientSampled :
SP5661

Manual Integrations
APPROVED

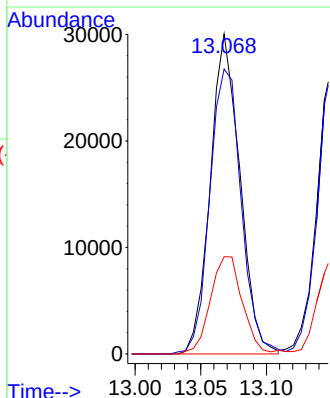
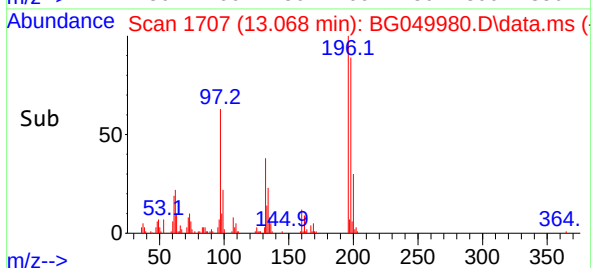
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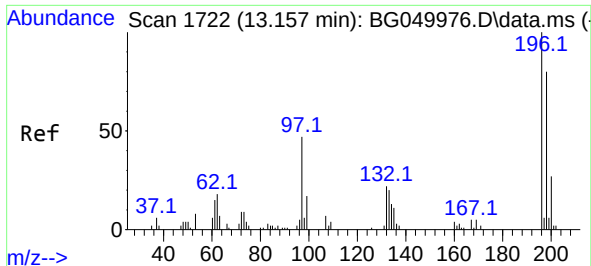


#41
2,4,6-Trichlorophenol
Concen: 41.582 ng/ul
RT: 13.068 min Scan# 1707
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



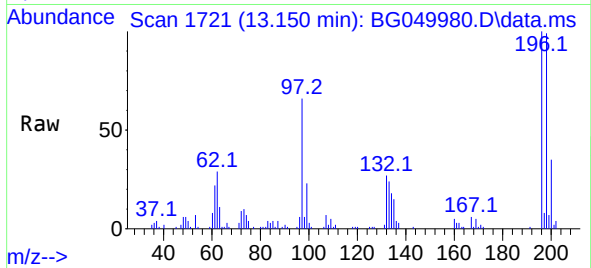
Tgt Ion:196 Resp: 47061
Ion Ratio Lower Upper
196 100
198 89.0 83.7 125.5
200 30.4 25.9 38.9





#42
2,4,5-Trichlorophenol
Concen: 40.496 ng/ul
RT: 13.150 min Scan# 1721
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

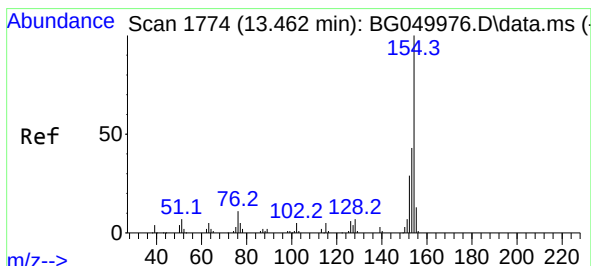
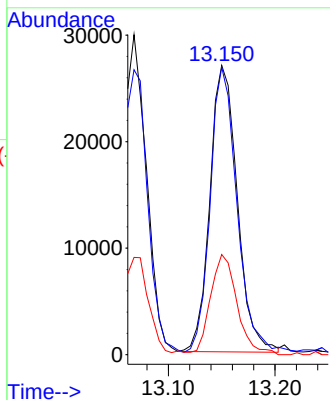
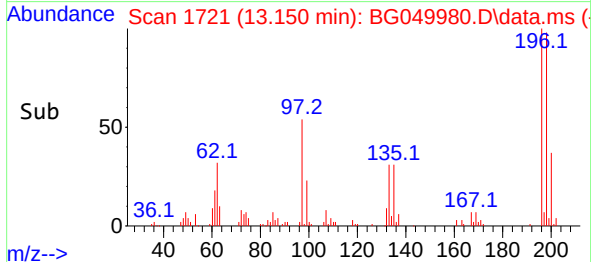
Instrument :
BNA_G
ClientSampled :
SP5661



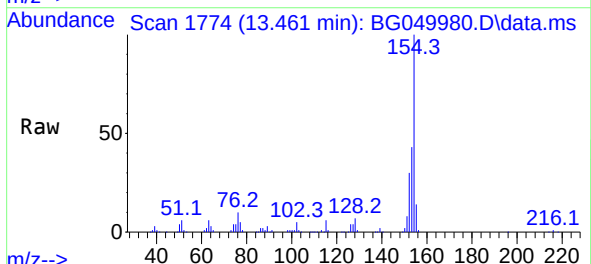
Tgt Ion:196 Resp: 48035
Ion Ratio Lower Upper
196 100
198 99.4 70.3 105.5
200 34.6 26.6 40.0

Manual Integrations
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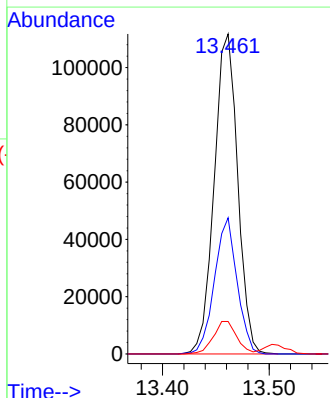
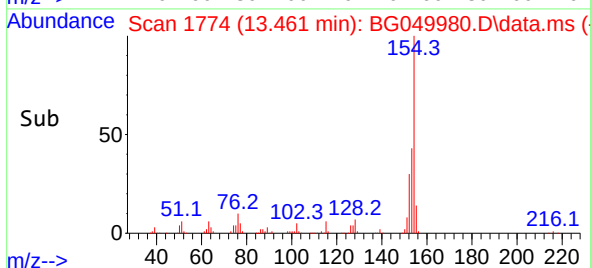
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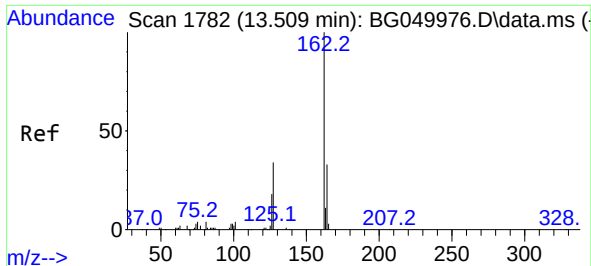


#43
1,1'-Biphenyl
Concen: 40.389 ng/ul
RT: 13.461 min Scan# 1774
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



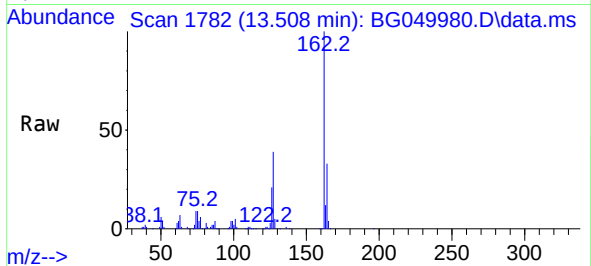
Tgt Ion:154 Resp: 170614
Ion Ratio Lower Upper
154 100
153 42.6 32.5 48.7
76 10.2 7.8 11.8





#44
2-Chloronaphthalene
Concen: 40.310 ng/ul
RT: 13.508 min Scan# 1782
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

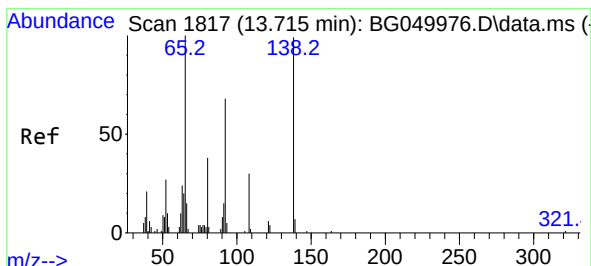
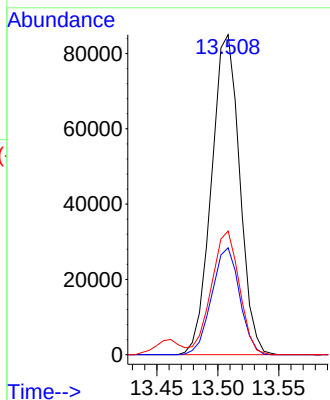
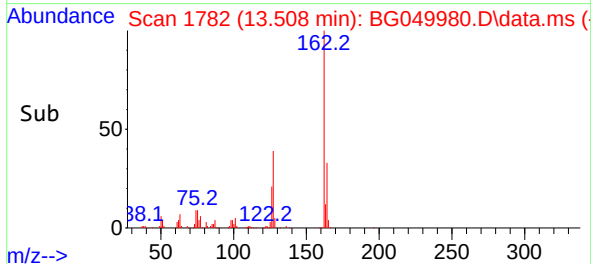
Instrument :
BNA_G
ClientSampled :
SP5661



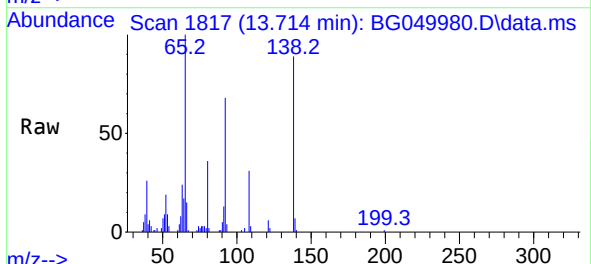
Tgt Ion:162 Resp: 136776
Ion Ratio Lower Upper
162 100
164 33.4 25.2 37.8
127 38.6 31.9 47.9

Manual Integrations
APPROVED

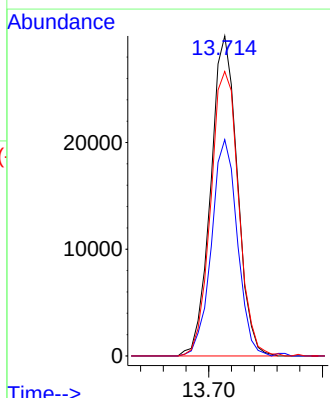
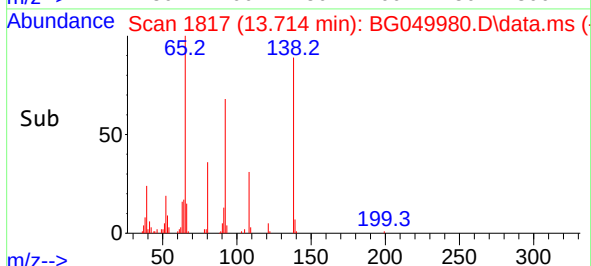
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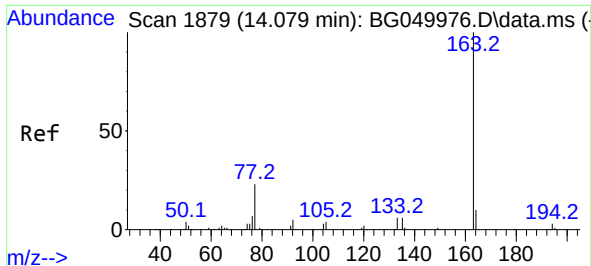


#45
2-Nitroaniline
Concen: 42.380 ng/ul
RT: 13.714 min Scan# 1817
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

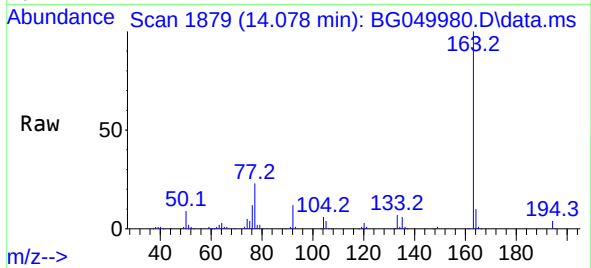


Tgt Ion: 65 Resp: 48823
Ion Ratio Lower Upper
65 100
92 67.6 55.6 83.4
138 88.9 78.7 118.1





#47
Dimethylphthalate
Concen: 40.383 ng/ul
RT: 14.078 min Scan# 1879
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

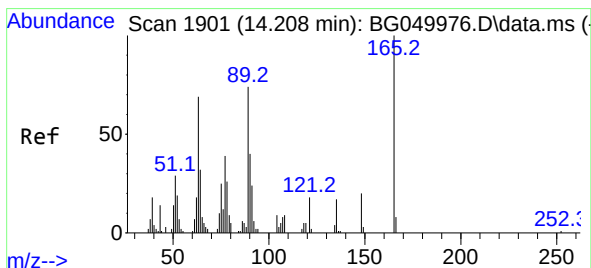
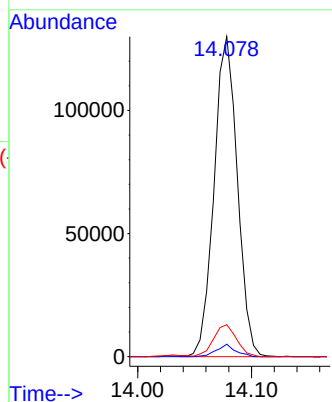


Tgt Ion:163 Resp: 184941
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.0 8.2 12.4

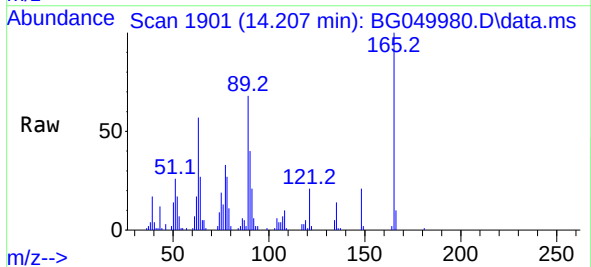
Instrument :
BNA_G
ClientSampled :
SP5661

Manual Integrations
APPROVED

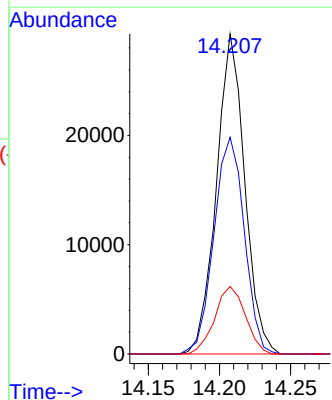
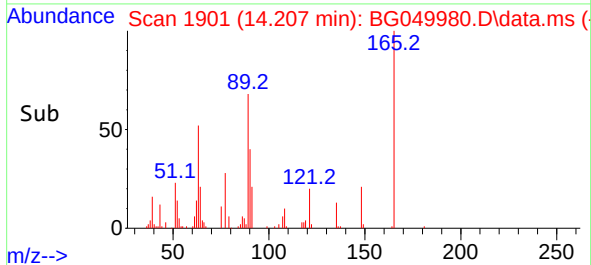
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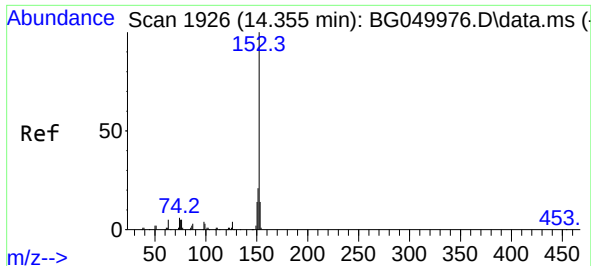


#48
2,6-Dinitrotoluene
Concen: 42.864 ng/ul
RT: 14.207 min Scan# 1901
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



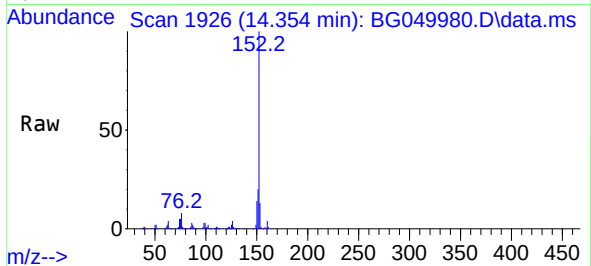
Tgt Ion:165 Resp: 40528
Ion Ratio Lower Upper
165 100
89 67.7 62.5 93.7
121 21.1 22.2 33.2#





#50
Acenaphthylene
Concen: 40.197 ng/ul
RT: 14.354 min Scan# 1926
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

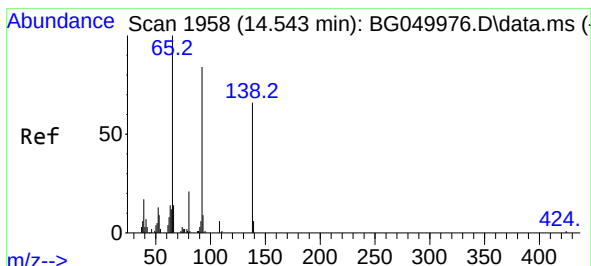
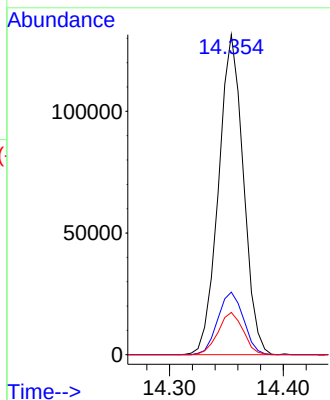
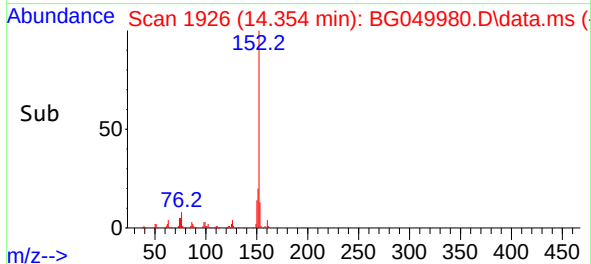
Instrument :
BNA_G
ClientSampled :
SP5661



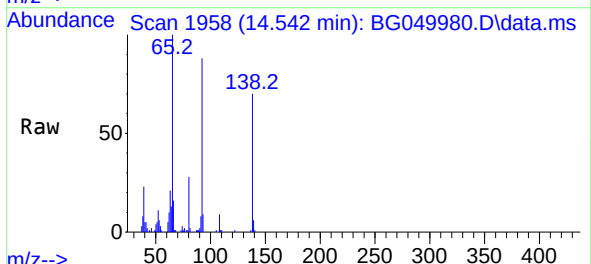
Tgt Ion:152 Resp: 199333
Ion Ratio Lower Upper
152 100
151 19.6 15.2 22.8
153 13.2 10.7 16.1

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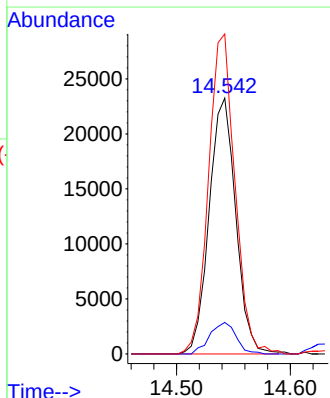
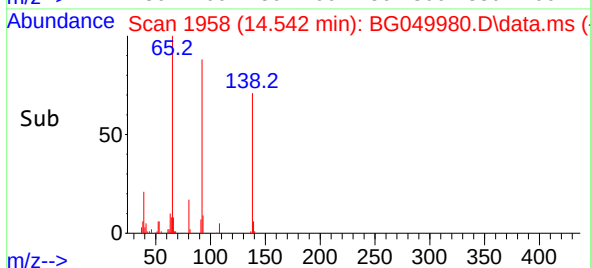
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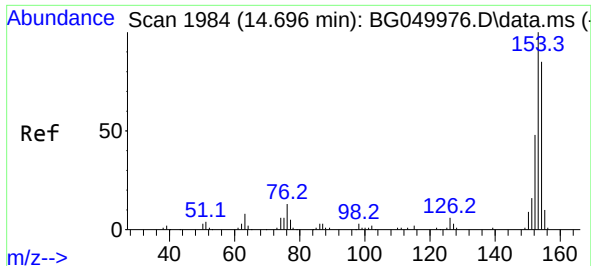


#51
3-Nitroaniline
Concen: 41.485 ng/ul
RT: 14.542 min Scan# 1958
Delta R.T. -0.003 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



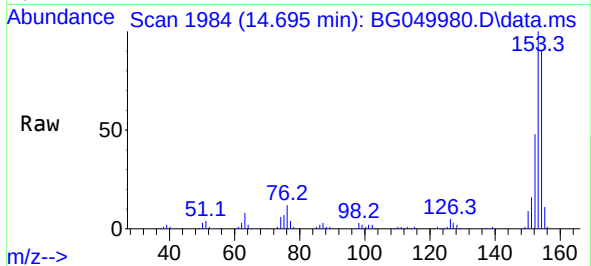
Tgt Ion:138 Resp: 37850
Ion Ratio Lower Upper
138 100
108 12.4 9.0 13.4
92 125.1 96.4 144.6





#52
Acenaphthene
Concen: 39.992 ng/ul
RT: 14.695 min Scan# 1984
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

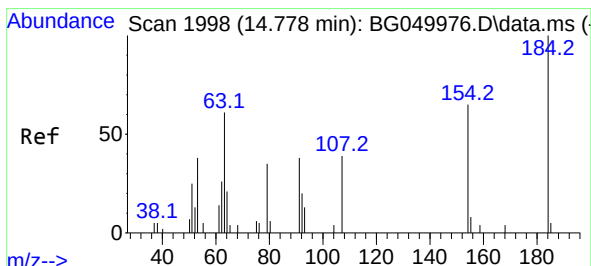
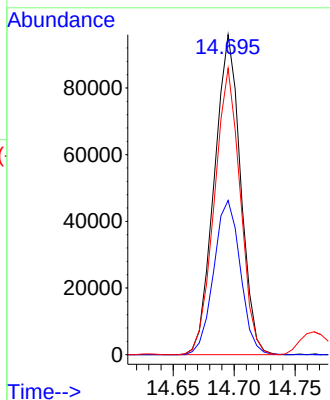
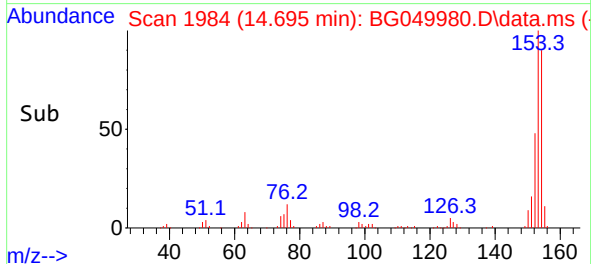
Instrument :
BNA_G
ClientSampled :
SP5661



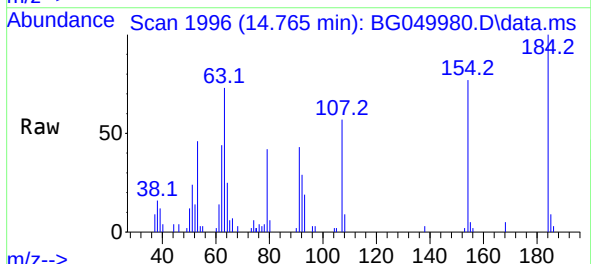
Tgt Ion:153 Resp: 143860
Ion Ratio Lower Upper
153 100
152 48.2 37.4 56.2
154 89.5 71.5 107.3

Manual Integrations
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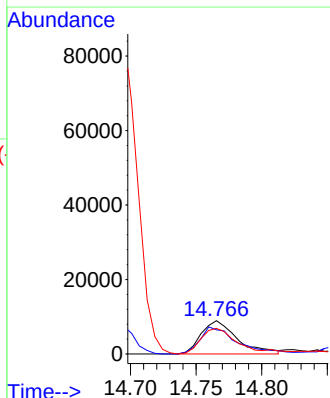
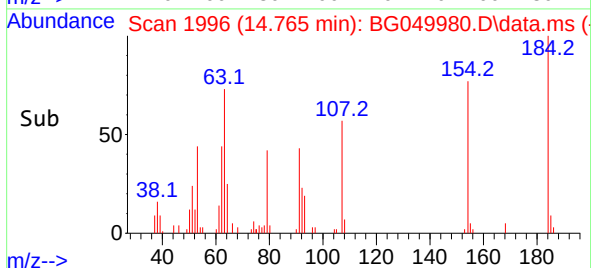
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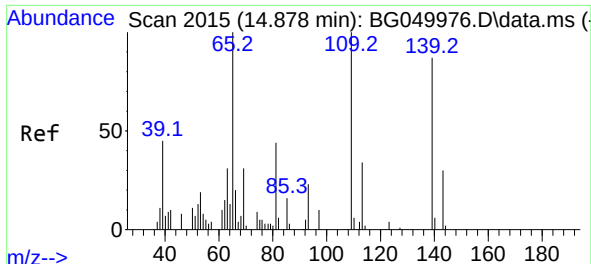


#53
2,4-Dinitrophenol
Concen: 35.363 ng/ul
RT: 14.765 min Scan# 1996
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

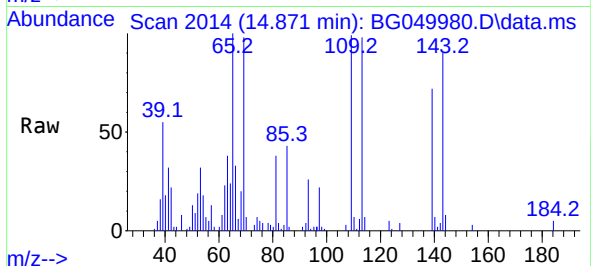


Tgt Ion:184 Resp: 17077
Ion Ratio Lower Upper
184 100
63 72.7 75.8 113.8#
154 76.7 64.6 96.8

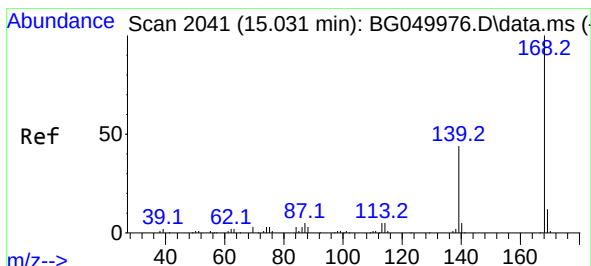
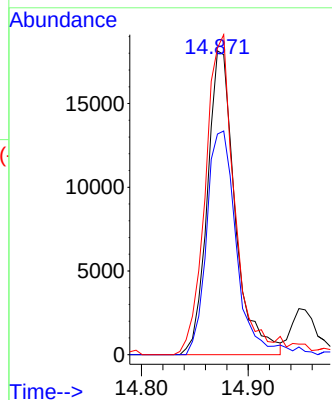
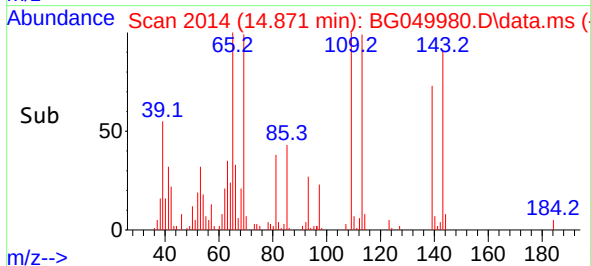




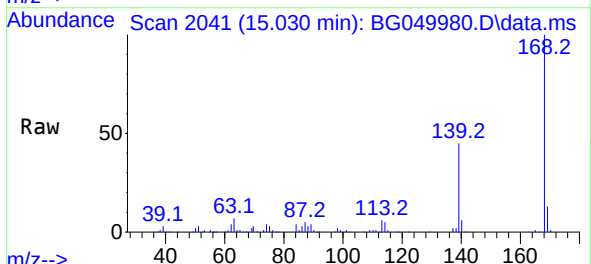
#55
4-Nitrophenol
Concen: 38.644 ng/ul
RT: 14.871 min Scan# 2014
Delta R.T. -0.003 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



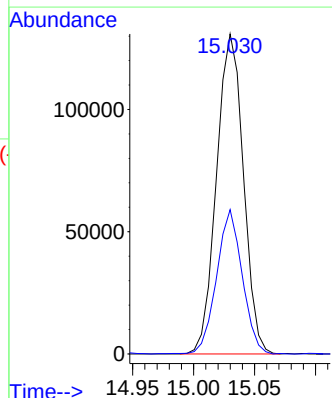
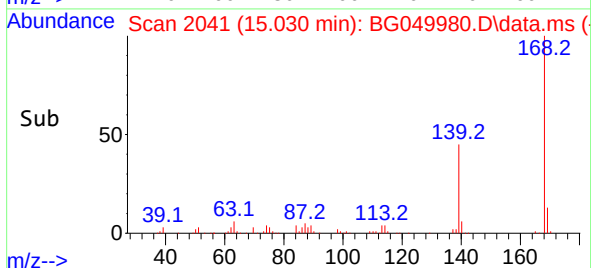
Tgt Ion:109 Resp: 32803
Ion Ratio Lower Upper
109 100
139 72.7 61.4 92.0
65 101.0 76.5 114.7



#56
Dibenzofuran
Concen: 40.280 ng/ul
RT: 15.030 min Scan# 2041
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



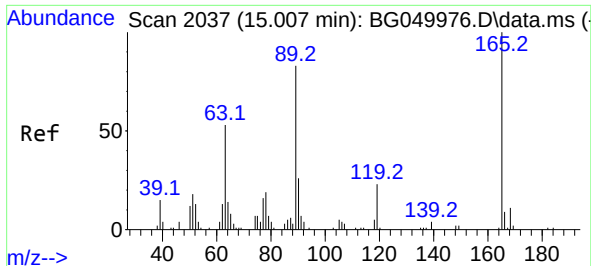
Tgt Ion:168 Resp: 200657
Ion Ratio Lower Upper
168 100
139 45.1 33.8 50.8



Instrument :
BNA_G
ClientSampleId :
SP5661

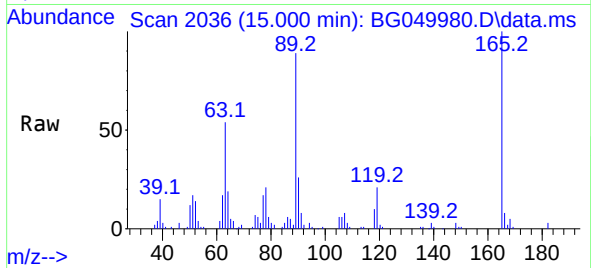
Manual Integrations
APPROVED

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#57
2,4-Dinitrotoluene
Concen: 41.945 ng/ul
RT: 15.000 min Scan# 2036
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

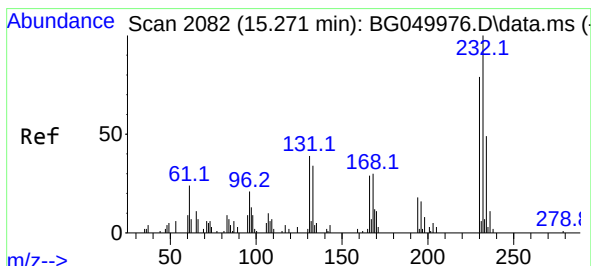
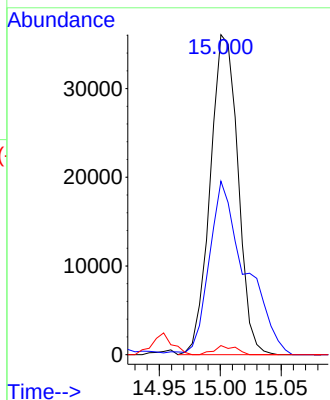
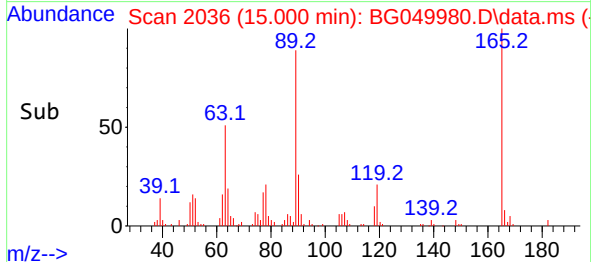
Instrument :
BNA_G
ClientSampled :
SP5661



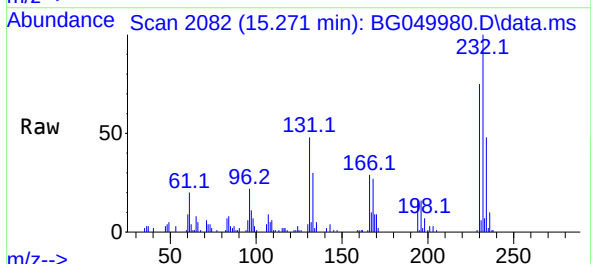
Tgt Ion:165 Resp: 57046
Ion Ratio Lower Upper
165 100
63 54.2 42.3 63.5
182 2.9 2.6 4.0

Manual Integrations
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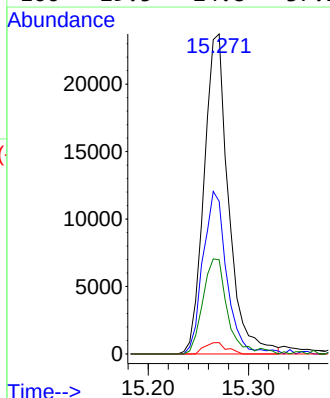
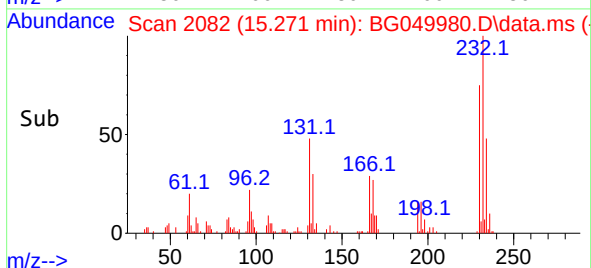
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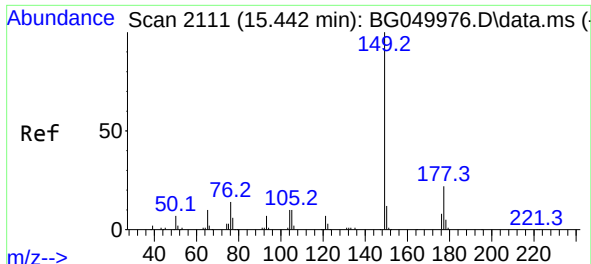


#58
2,3,4,6-Tetrachlorophenol
Concen: 41.071 ng/ul
RT: 15.271 min Scan# 2082
Delta R.T. -0.003 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



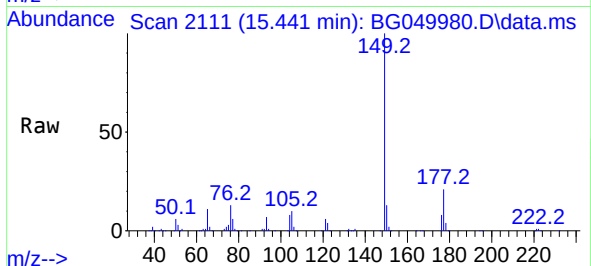
Tgt Ion:232 Resp: 40370
Ion Ratio Lower Upper
232 100
131 47.7 40.0 60.0
130 3.5 1.8 2.8#
166 29.5 24.8 37.2





#59
Diethylphthalate
Concen: 41.432 ng/ul
RT: 15.441 min Scan# 2111
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

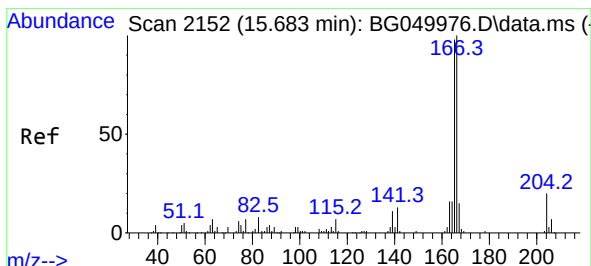
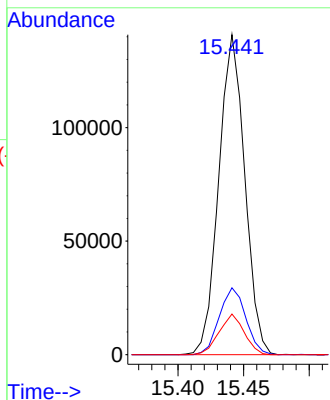
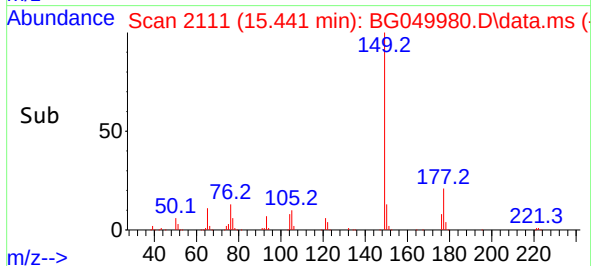
Instrument :
BNA_G
ClientSampled :
SP5661



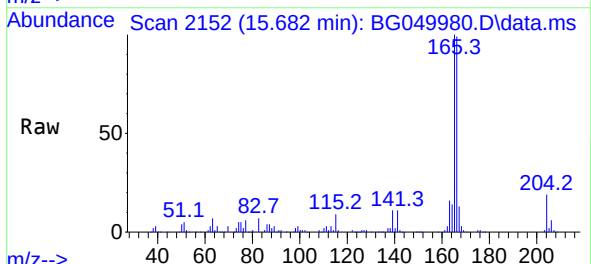
Tgt Ion:149 Resp: 194106
Ion Ratio Lower Upper
149 100
177 20.9 15.8 23.6
150 12.7 9.7 14.5

Manual Integrations
APPROVED

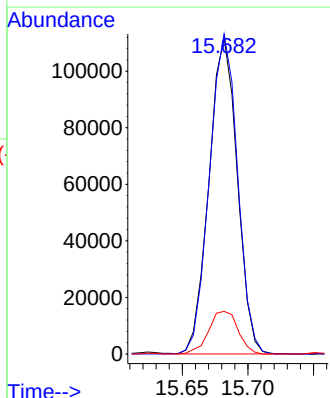
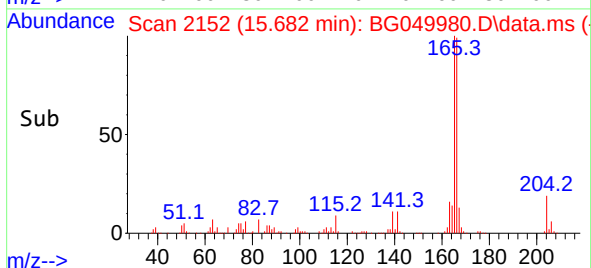
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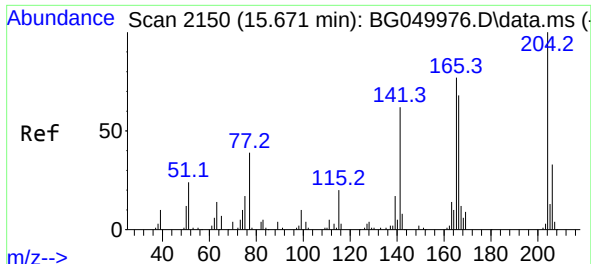


#61
Fluorene
Concen: 39.787 ng/ul
RT: 15.682 min Scan# 2152
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



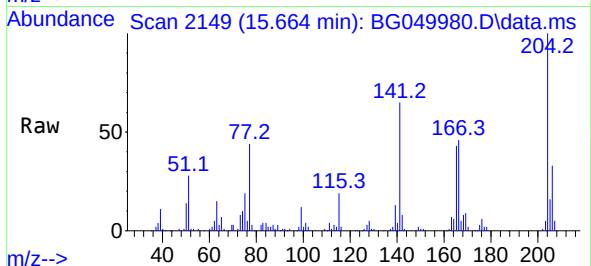
Tgt Ion:166 Resp: 167218
Ion Ratio Lower Upper
166 100
165 101.2 83.3 124.9
167 13.5 11.8 17.6





#62
4-Chlorophenyl-phenylether
Concen: 40.628 ng/ul
RT: 15.664 min Scan# 2149
Delta R.T. -0.014 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

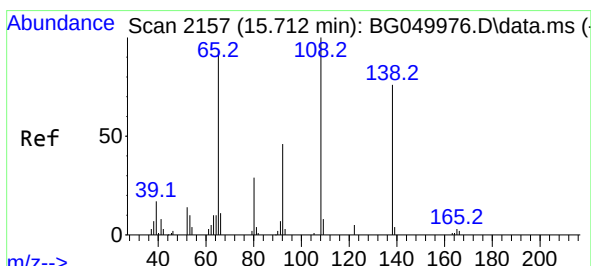
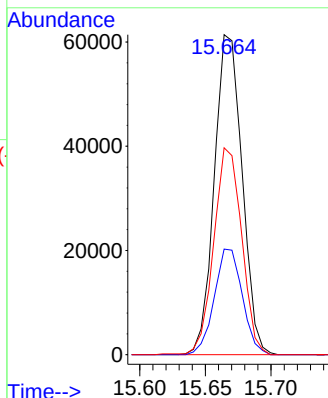
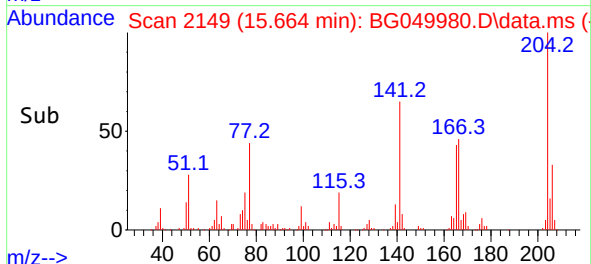
Instrument :
BNA_G
ClientSampled :
SP5661



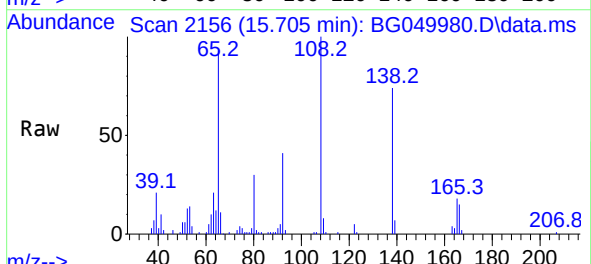
Tgt Ion:204 Resp: 90346
Ion Ratio Lower Upper
204 100
206 33.0 25.4 38.2
141 64.6 51.8 77.6

Manual Integrations
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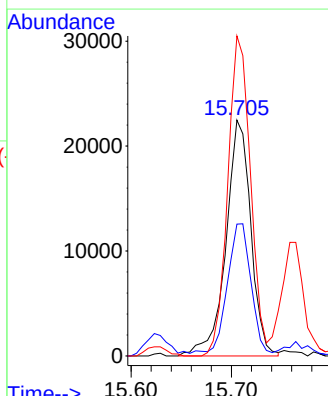
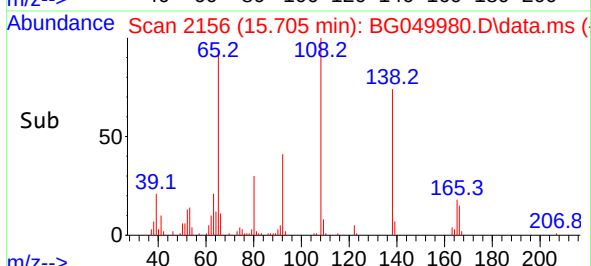
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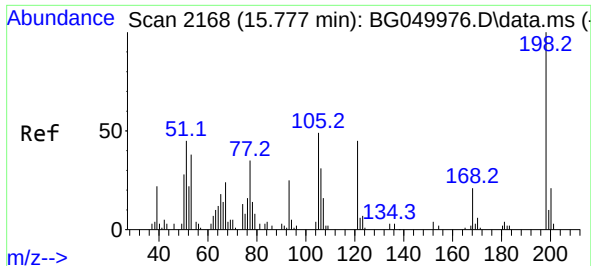


#63
4-Nitroaniline
Concen: 42.585 ng/ul
RT: 15.705 min Scan# 2156
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



Tgt Ion:138 Resp: 38772
Ion Ratio Lower Upper
138 100
92 55.9 50.0 75.0
108 135.7 101.8 152.8





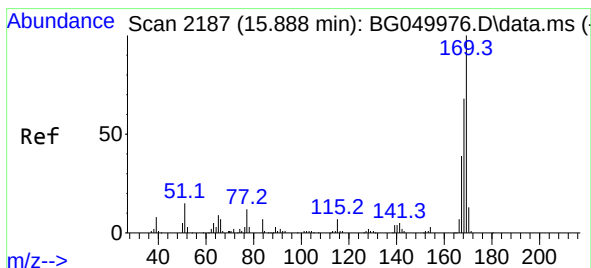
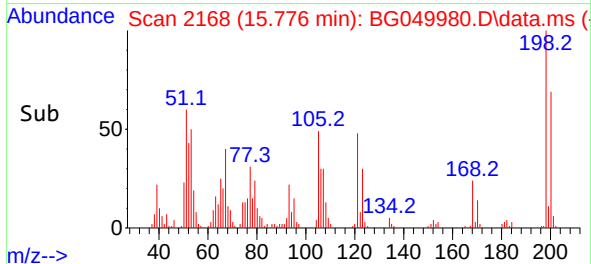
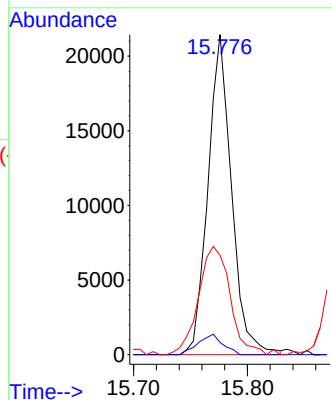
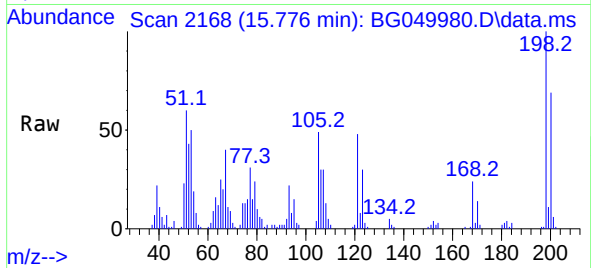
#66
4,6-Dinitro-2-methylphenol
Concen: 38.592 ng/ul
RT: 15.776 min Scan# 2168
Delta R.T. -0.003 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

Instrument :
BNA_G
ClientSampled :
SP5661

Tgt Ion:198 Resp: 30863
Ion Ratio Lower Upper
198 100
182 3.8 3.0 4.6
77 31.1 23.4 35.2

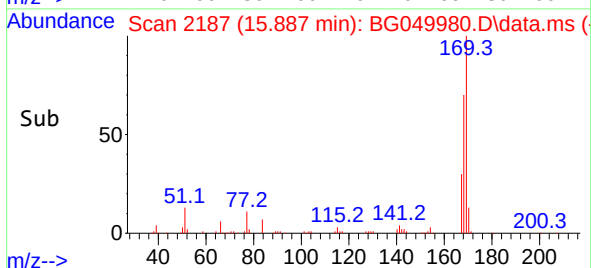
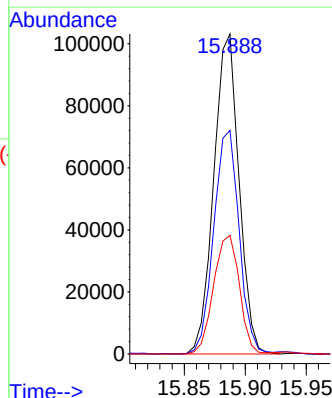
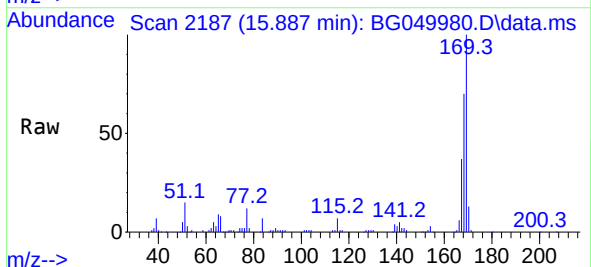
Manual Integrations
APPROVED

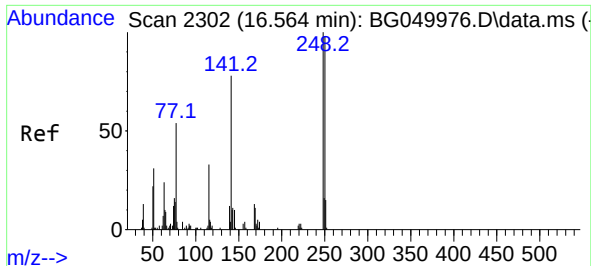
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#67
N-Nitrosodiphenylamine
Concen: 41.095 ng/ul
RT: 15.887 min Scan# 2187
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

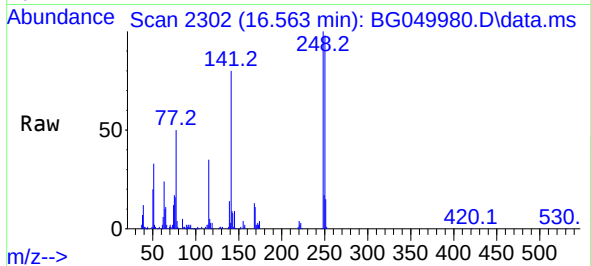
Tgt Ion:169 Resp: 148379
Ion Ratio Lower Upper
169 100
168 69.9 55.0 82.6
167 37.0 29.0 43.4





#68
4-Bromophenyl-phenylether
Concen: 42.084 ng/ul
RT: 16.563 min Scan# 2302
Delta R.T. -0.014 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

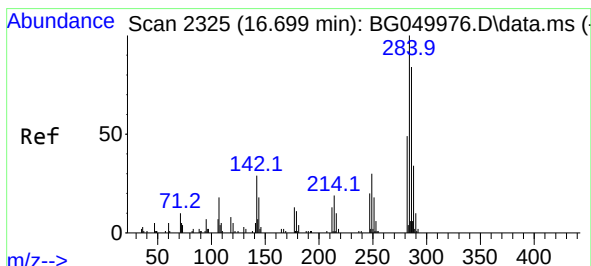
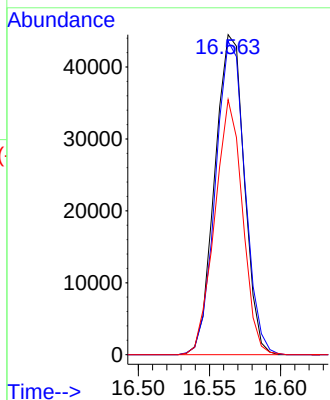
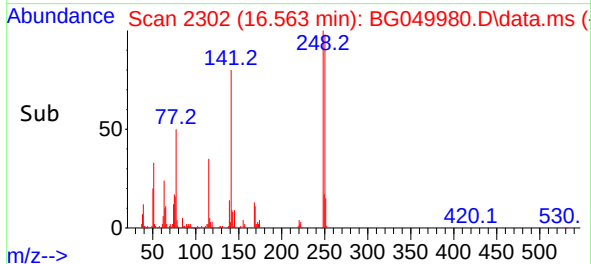
Instrument :
BNA_G
ClientSampled :
SP5661



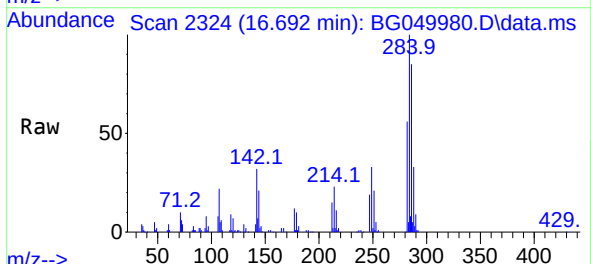
Tgt Ion:248 Resp: 63846
Ion Ratio Lower Upper
248 100
250 97.9 80.2 120.2
141 79.7 60.6 90.8

Manual Integrations
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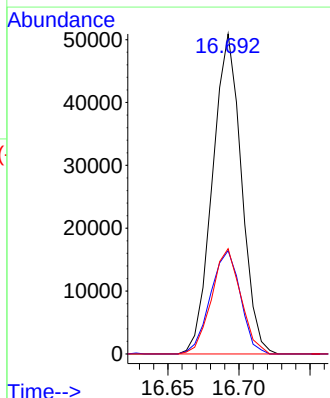
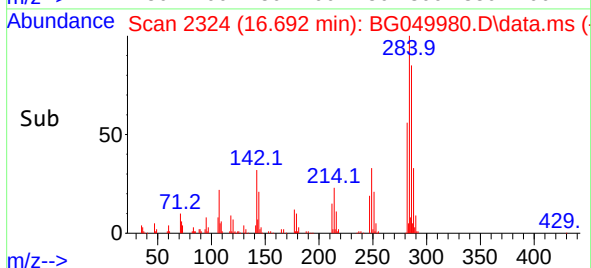
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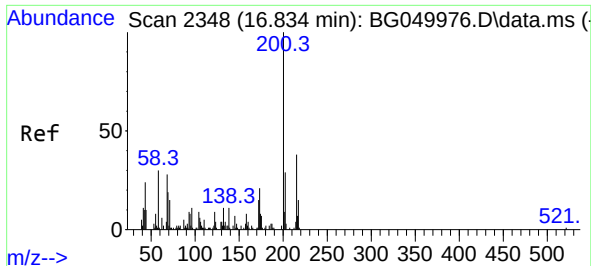


#69
Hexachlorobenzene
Concen: 41.099 ng/ul
RT: 16.692 min Scan# 2324
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



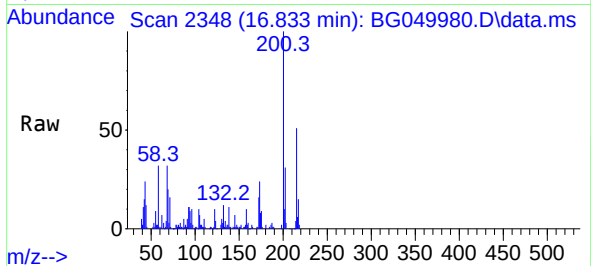
Tgt Ion:284 Resp: 71999
Ion Ratio Lower Upper
284 100
142 32.3 28.7 43.1
249 32.9 25.5 38.3





#70
Atrazine
Concen: 42.848 ng/ul
RT: 16.833 min Scan# 2348
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

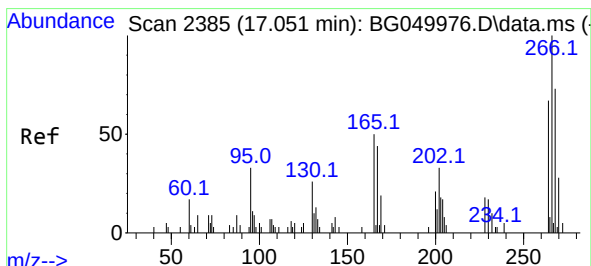
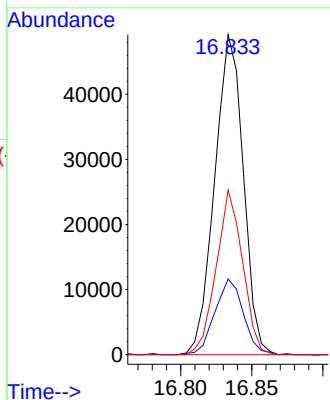
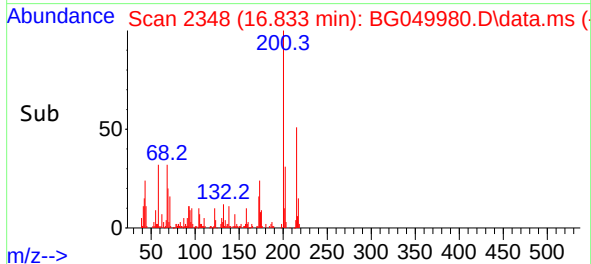
Instrument :
BNA_G
ClientSampled :
SP5661



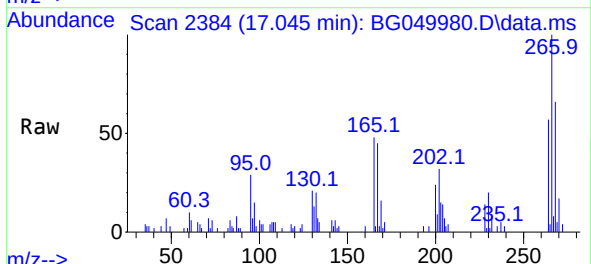
Tgt Ion:200 Resp: 68729
Ion Ratio Lower Upper
200 100
173 23.7 19.3 28.9
215 51.4 34.9 52.3

Manual Integrations
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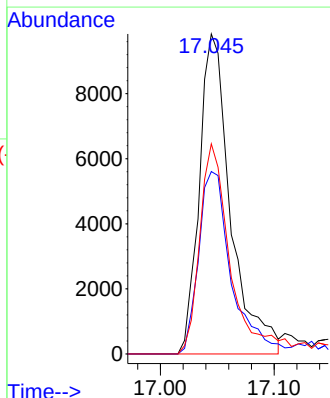
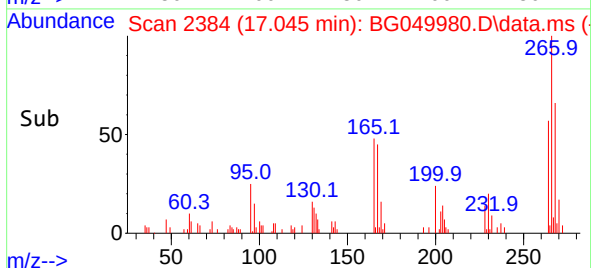
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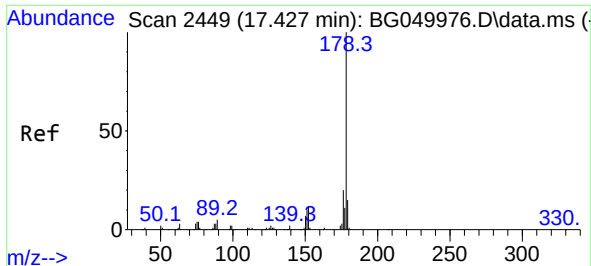


#71
Pentachlorophenol
Concen: 25.335 ng/ul
RT: 17.045 min Scan# 2384
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



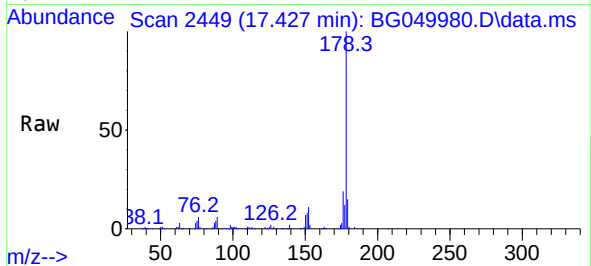
Tgt Ion:266 Resp: 18794
Ion Ratio Lower Upper
266 100
264 57.0 54.1 81.1
268 65.7 52.6 78.8





#72
Phenanthrene
Concen: 41.834 ng/u1
RT: 17.427 min Scan# 2449
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

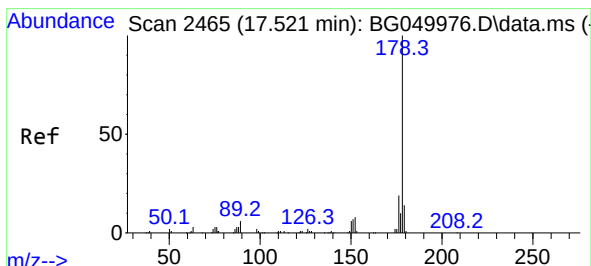
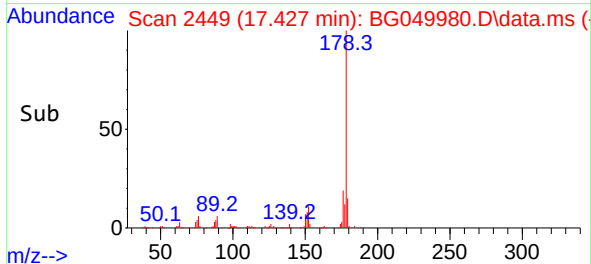
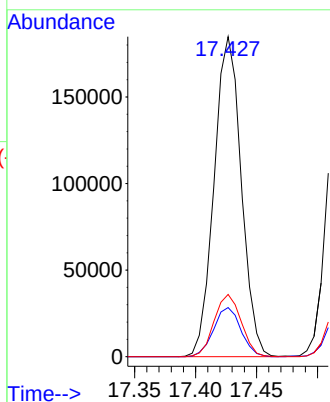
Instrument :
BNA_G
ClientSampled :
SP5661



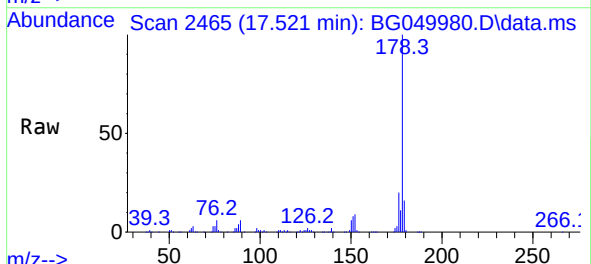
Tgt Ion:178 Resp: 286012
Ion Ratio Lower Upper
178 100
179 15.3 11.7 17.5
176 19.4 16.2 24.2

Manual Integrations
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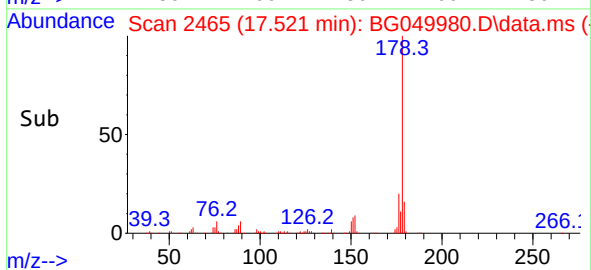
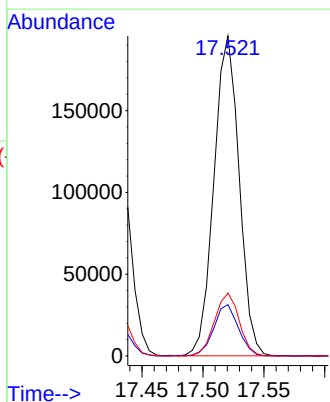
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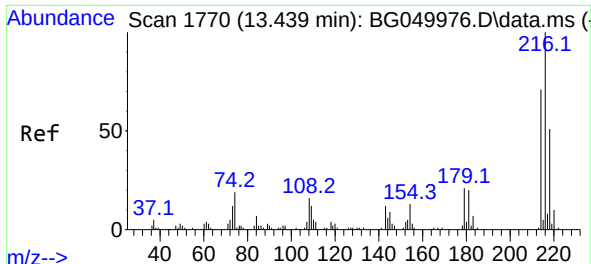


#74
Anthracene
Concen: 40.620 ng/u1
RT: 17.521 min Scan# 2465
Delta R.T. -0.003 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



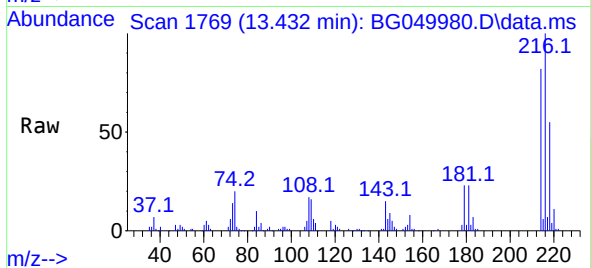
Tgt Ion:178 Resp: 281424
Ion Ratio Lower Upper
178 100
179 16.1 11.4 17.0
176 19.6 12.8 19.2#





#75
1,2,3,4-Tetrachlorobenzene
Concen: 40.390 ng/uL
RT: 13.432 min Scan# 1769
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

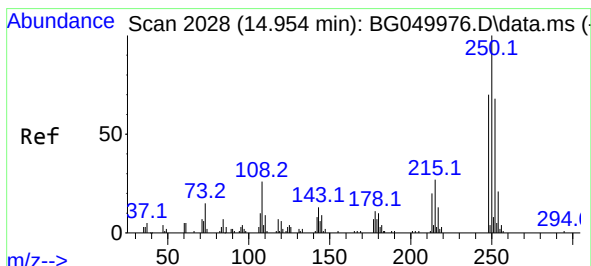
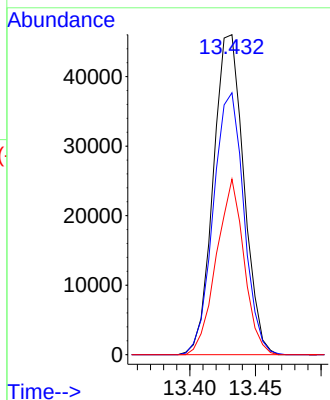
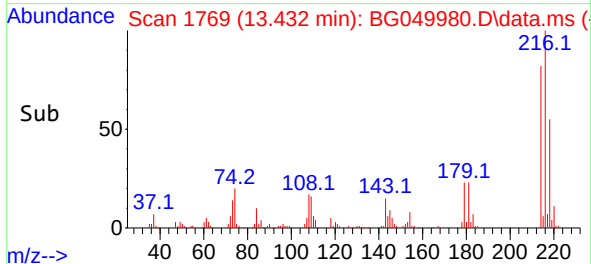
Instrument :
BNA_G
ClientSampled :
SP5661



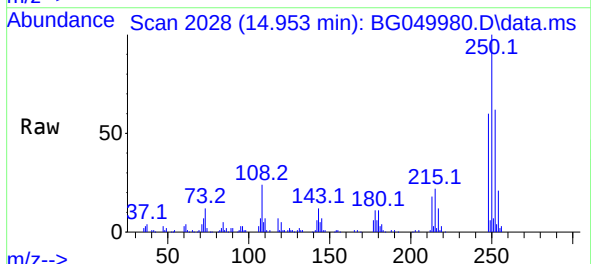
Tgt Ion:216 Resp: 74316
Ion Ratio Lower Upper
216 100
214 81.8 70.9 106.3
218 54.8 40.9 61.3

Manual Integrations
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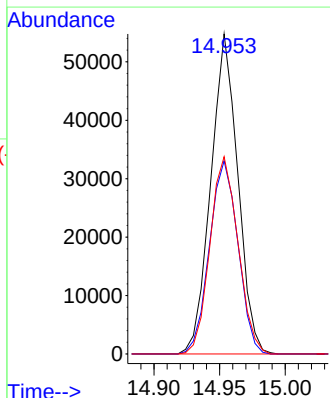
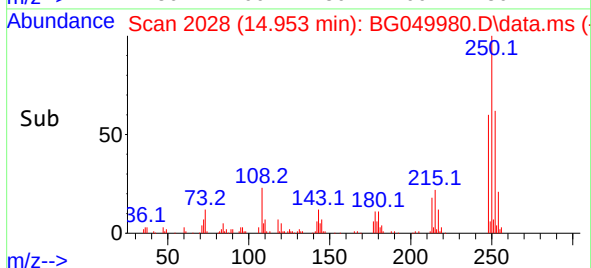
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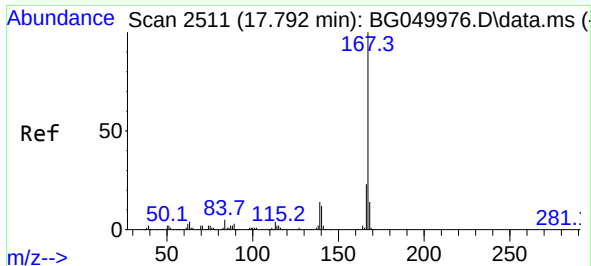


#76
Pentachlorobenzene
Concen: 40.184 ng/uL
RT: 14.953 min Scan# 2028
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



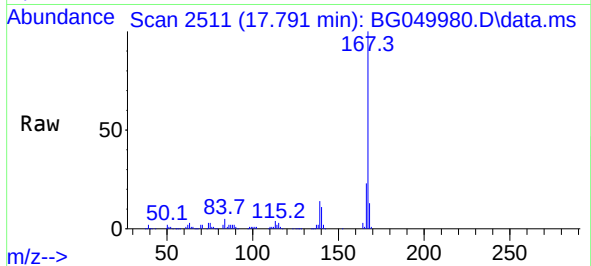
Tgt Ion:250 Resp: 78345
Ion Ratio Lower Upper
250 100
248 60.4 51.5 77.3
252 61.7 47.9 71.9





#77
 Carbazole
 Concen: 41.739 ng/ul
 RT: 17.791 min Scan# 2511
 Delta R.T. -0.009 min
 Lab File: BG049980.D
 Acq: 26 Aug 2021 14:24

Instrument :
 BNA_G
 ClientSampled :
 SP5661

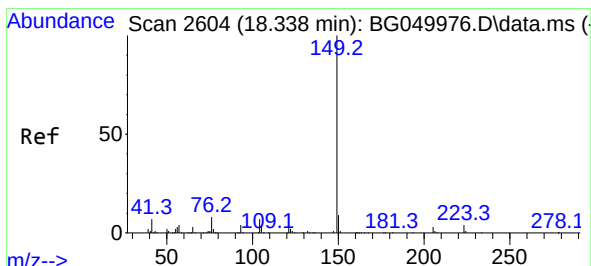
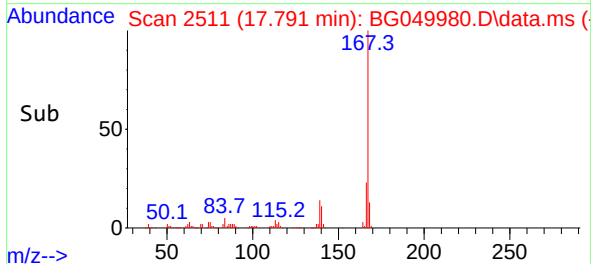
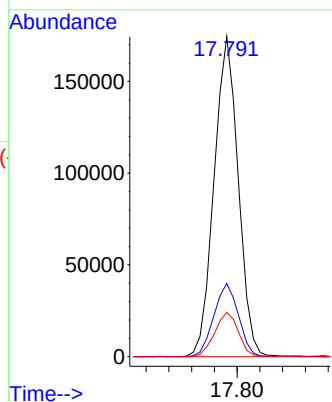


Tgt Ion:167 Resp: 257322

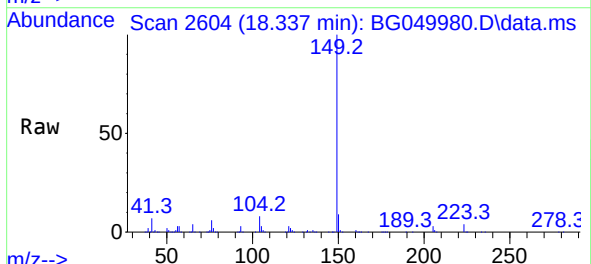
Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.8	26.8
139	13.8	11.1	16.7

Manual Integrations
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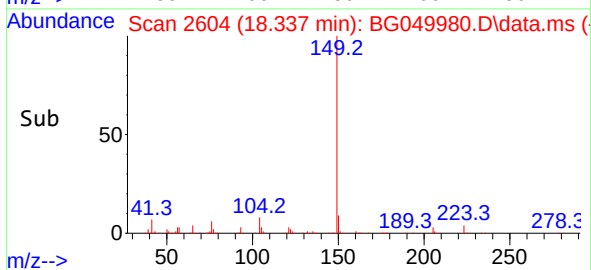
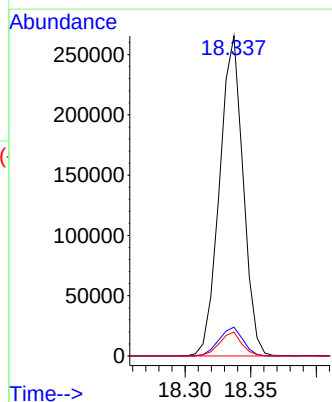


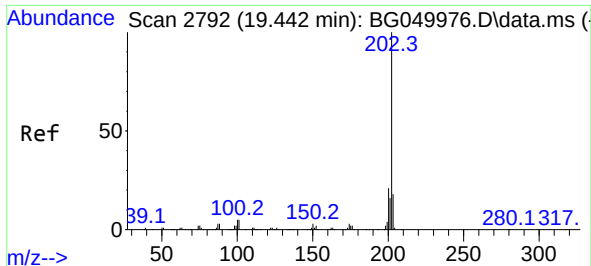
#78
 Di-n-butylphthalate
 Concen: 41.944 ng/ul
 RT: 18.337 min Scan# 2604
 Delta R.T. -0.009 min
 Lab File: BG049980.D
 Acq: 26 Aug 2021 14:24



Tgt Ion:149 Resp: 330714

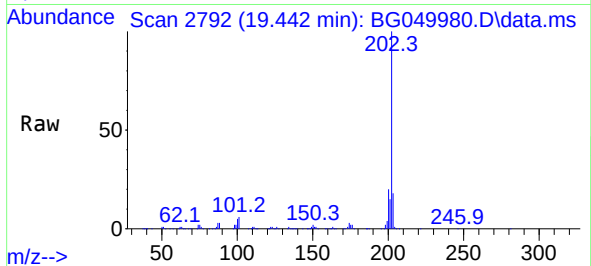
Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.1	12.1
104	7.5	5.3	7.9





#80
Fluoranthene
Concen: 43.728 ng/u1
RT: 19.442 min Scan# 2792
Delta R.T. -0.003 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

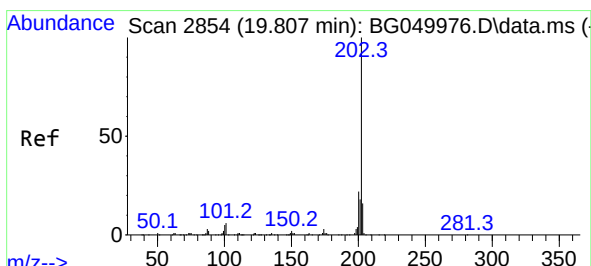
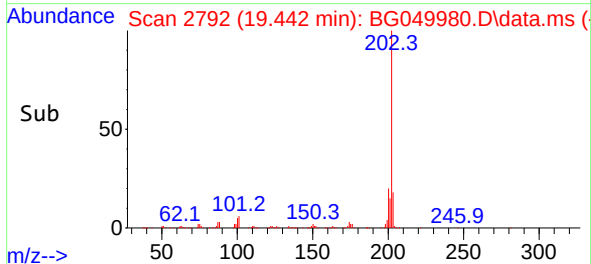
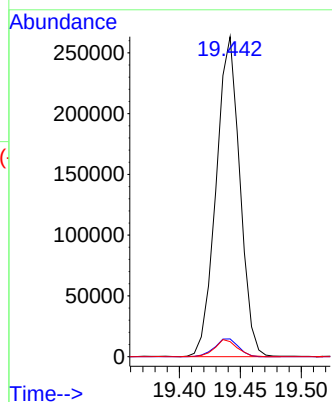
Instrument :
BNA_G
ClientSampled :
SP5661



Tgt Ion:202 Resp: 356882
Ion Ratio Lower Upper
202 100
101 5.5 4.3 6.5
100 4.7 3.5 5.3

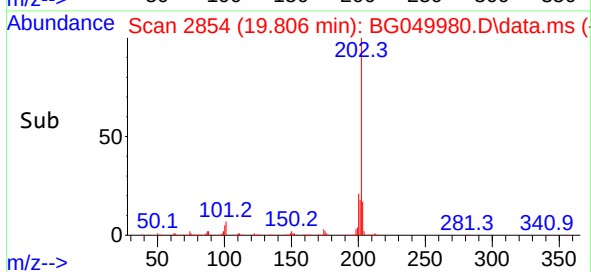
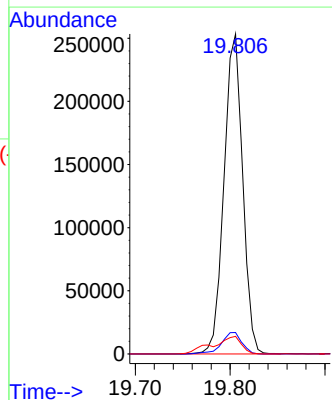
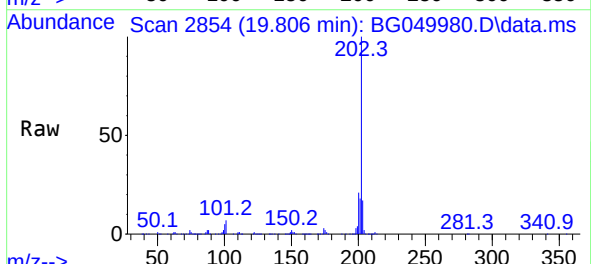
Manual Integrations
APPROVED

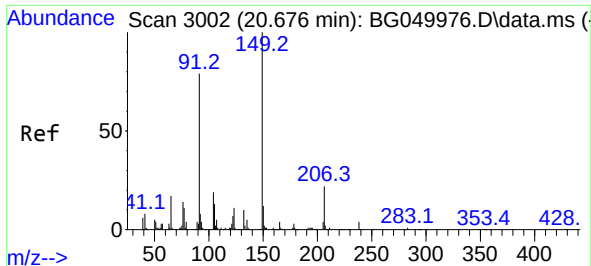
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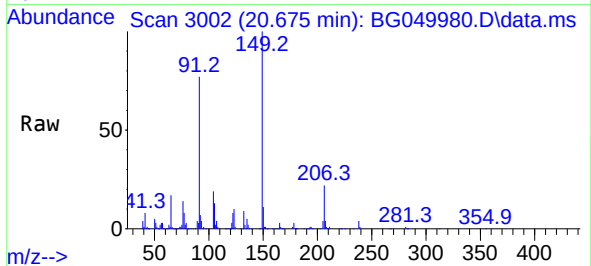
#82
Pyrene
Concen: 42.835 ng/u1
RT: 19.806 min Scan# 2854
Delta R.T. -0.003 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

Tgt Ion:202 Resp: 346424
Ion Ratio Lower Upper
202 100
101 6.7 5.4 8.0
100 5.5 5.0 7.6

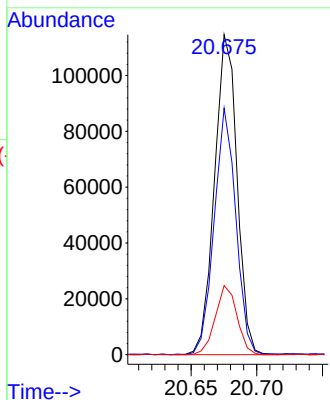
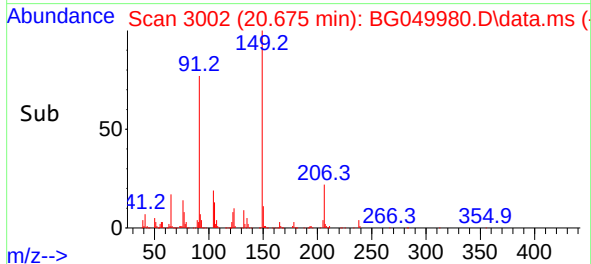




#83
Butylbenzylphthalate
Concen: 42.865 ng/ul
RT: 20.675 min Scan# 3002
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



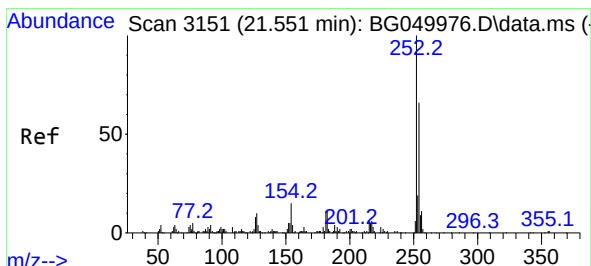
Tgt Ion:149 Resp: 136803
Ion Ratio Lower Upper
149 100
91 77.0 60.6 90.8
206 21.6 16.8 25.2



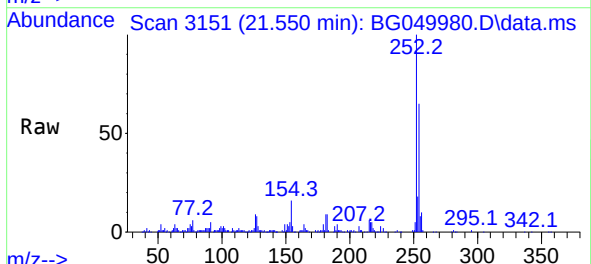
Instrument :
BNA_G
ClientSampleId :
SP5661

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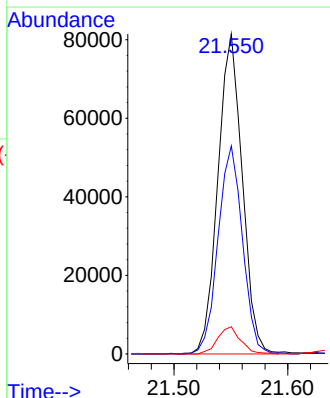
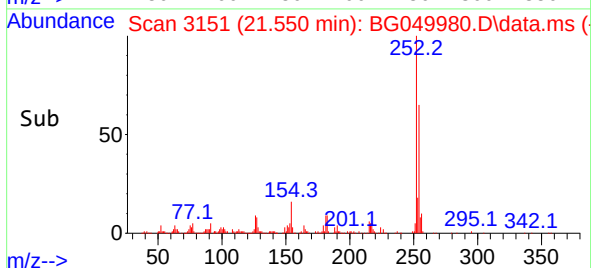
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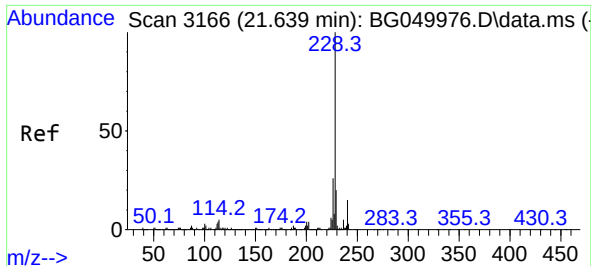


#84
3,3'-Dichlorobenzidine
Concen: 41.798 ng/ul
RT: 21.550 min Scan# 3151
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



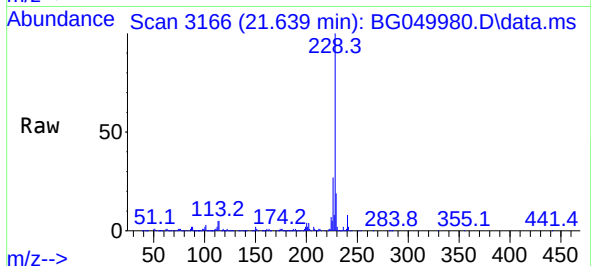
Tgt Ion:252 Resp: 121265
Ion Ratio Lower Upper
252 100
254 65.0 54.2 81.2
126 8.5 5.4 8.0#





#85
Benzo(a)anthracene
Concen: 41.429 ng/ul
RT: 21.639 min Scan# 3166
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

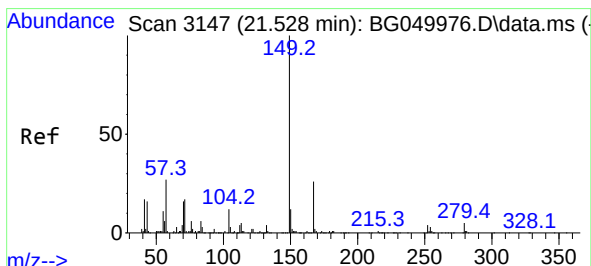
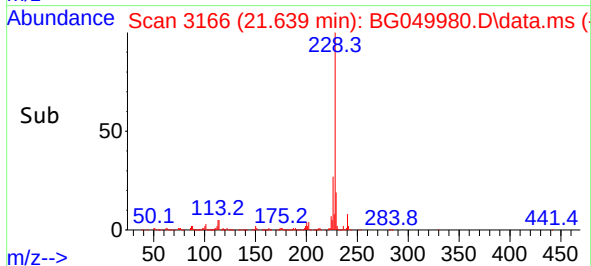
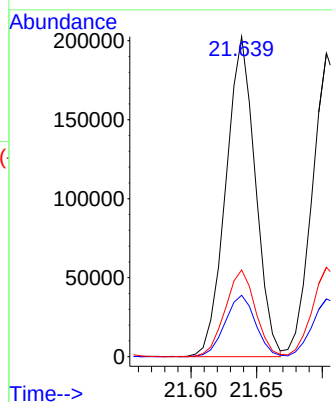
Instrument :
BNA_G
ClientSampleId :
SP5661



Tgt Ion:228 Resp: 315946
Ion Ratio Lower Upper
228 100
229 19.2 16.2 24.4
226 27.1 21.0 31.4

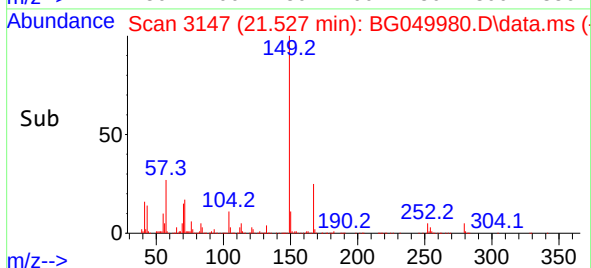
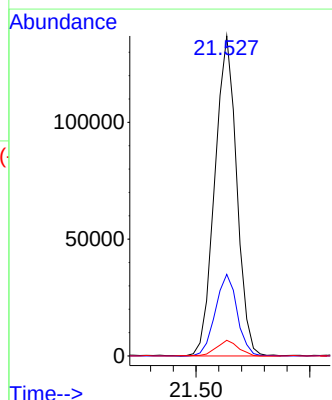
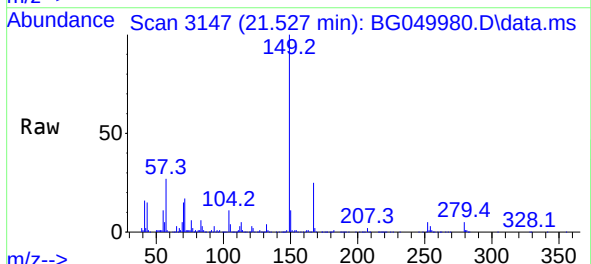
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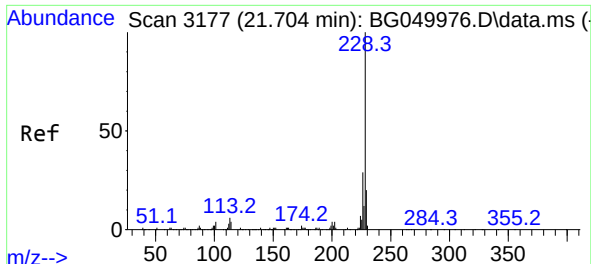
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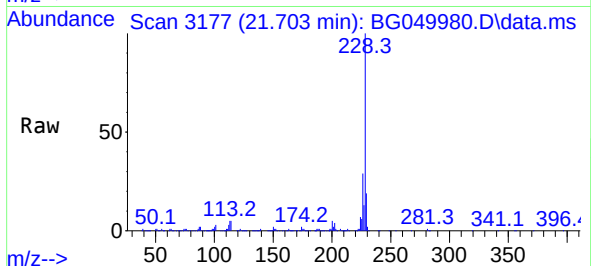
#86
Bis(2-ethylhexyl)phthalate
Concen: 41.739 ng/ul
RT: 21.527 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

Tgt Ion:149 Resp: 182940
Ion Ratio Lower Upper
149 100
167 25.5 20.4 30.6
279 4.9 3.7 5.5

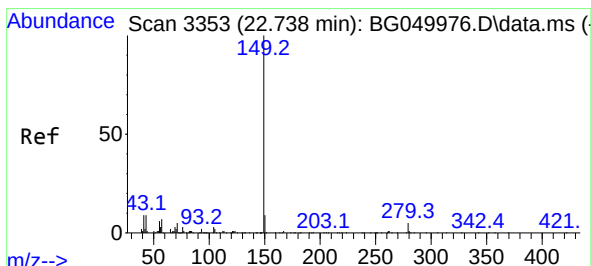
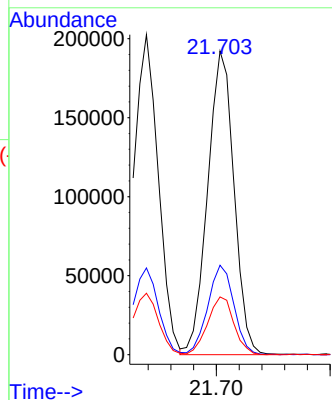
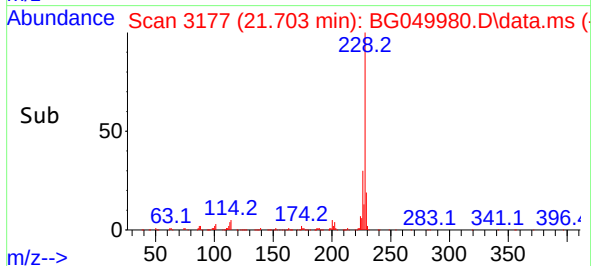




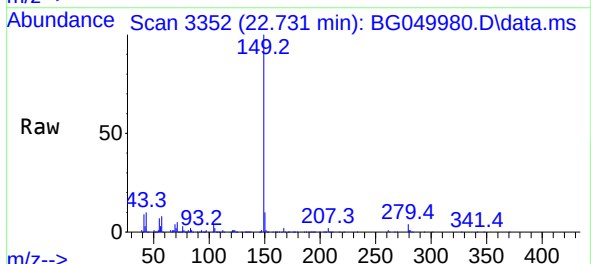
#87
Chrysene
Concen: 42.867 ng/ul
RT: 21.703 min Scan# 3177
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



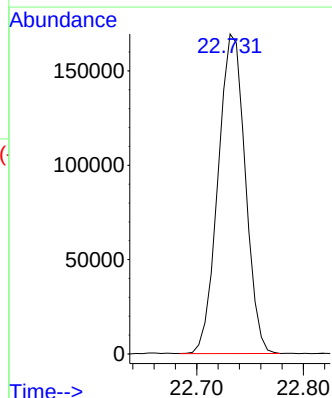
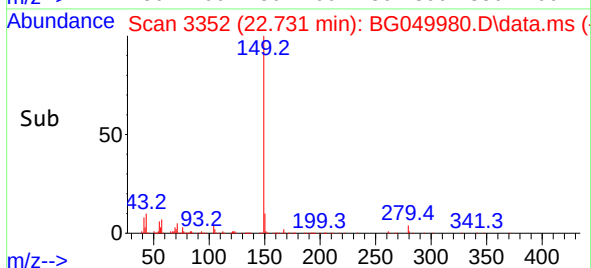
Tgt Ion:228 Resp: 309029
Ion Ratio Lower Upper
228 100
226 29.5 23.0 34.4
229 19.0 17.8 26.6



#89
Di-n-octyl phthalate
Concen: 40.491 ng/ul
RT: 22.731 min Scan# 3352
Delta R.T. -0.014 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



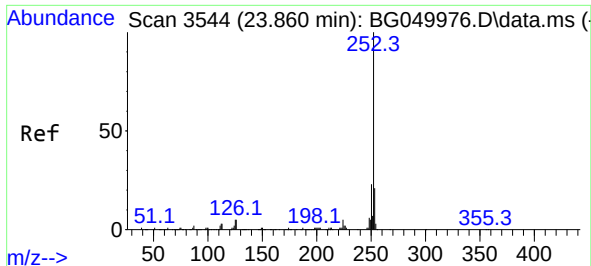
Tgt Ion:149 Resp: 300150



Instrument :
BNA_G
ClientSampleId :
SP5661

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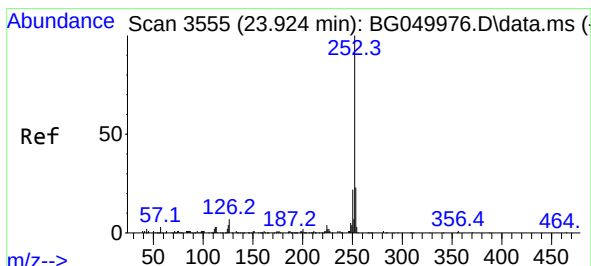
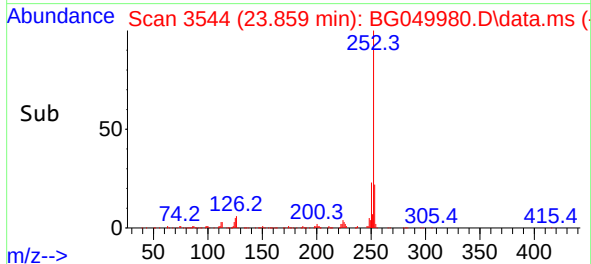
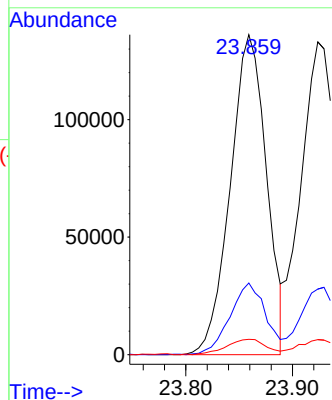
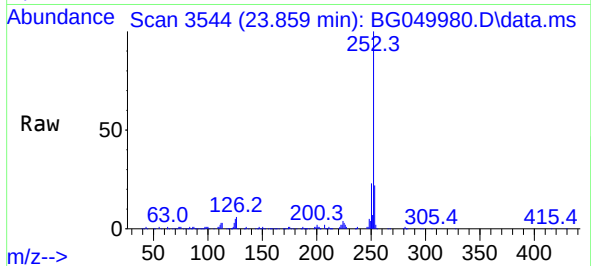
#90
Benzo(b)fluoranthene
Concen: 40.041 ng/ul
RT: 23.859 min Scan# 3544
Delta R.T. -0.003 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

Tgt Ion:252 Resp: 320045
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 4.8 3.4 5.0

Instrument :
BNA_G
ClientSampled :
SP5661

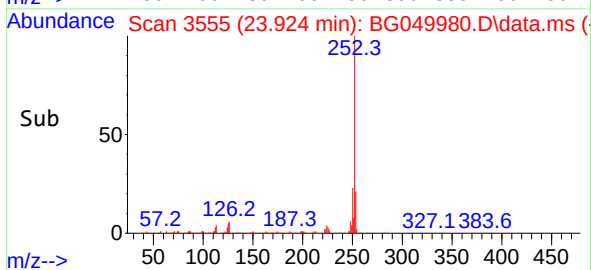
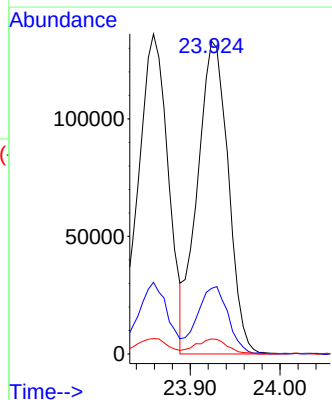
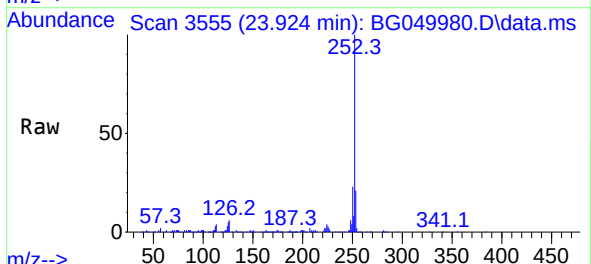
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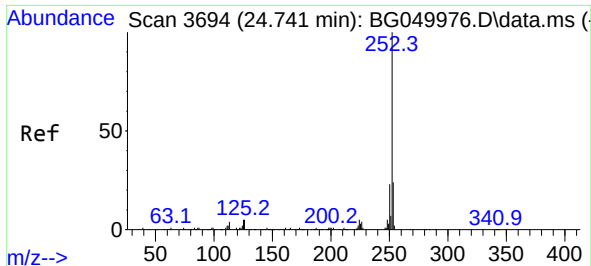
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#91
Benzo(k)fluoranthene
Concen: 41.763 ng/ul
RT: 23.924 min Scan# 3555
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

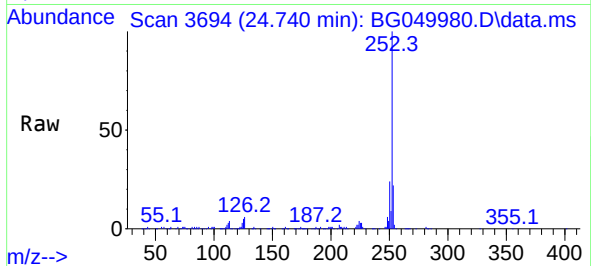
Tgt Ion:252 Resp: 317295
Ion Ratio Lower Upper
252 100
253 21.0 17.7 26.5
125 4.8 4.1 6.1





#93
Benzo(a)pyrene
Concen: 40.918 ng/ul
RT: 24.740 min Scan# 3694
Delta R.T. -0.003 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

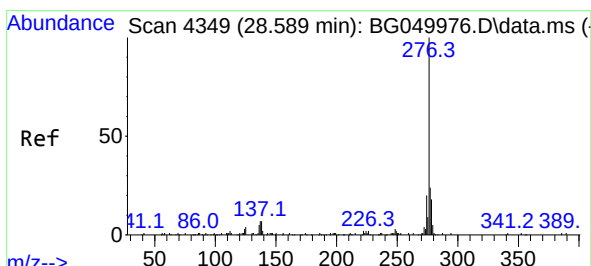
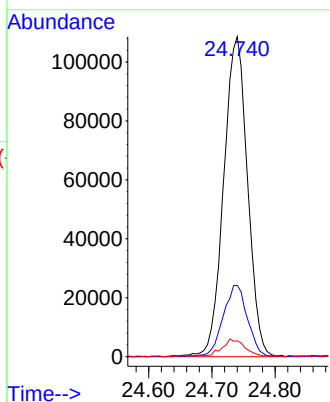
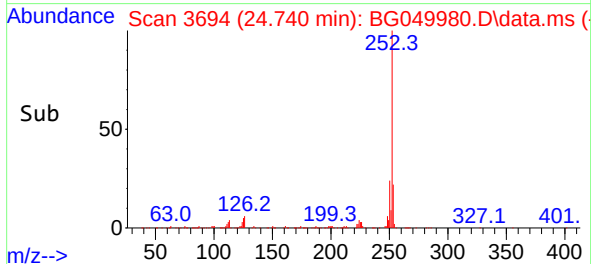
Instrument :
BNA_G
ClientSampled :
SP5661



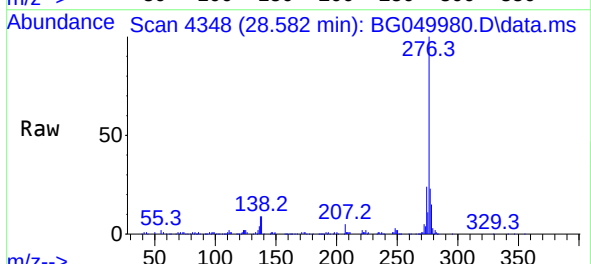
Tgt Ion:252 Resp: 284033
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 4.9 4.4 6.6

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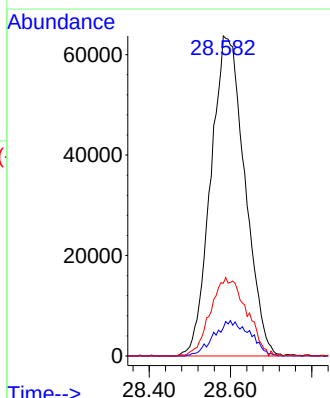
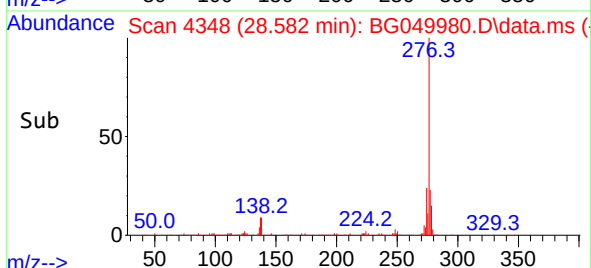
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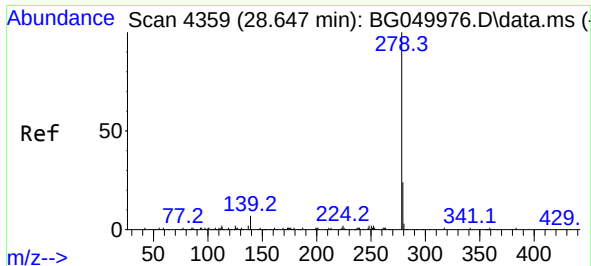


#94
Indeno(1,2,3-cd)pyrene
Concen: 40.434 ng/ul
RT: 28.582 min Scan# 4348
Delta R.T. -0.009 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24



Tgt Ion:276 Resp: 370242
Ion Ratio Lower Upper
276 100
138 8.8 5.5 8.3#
277 22.7 18.6 27.8





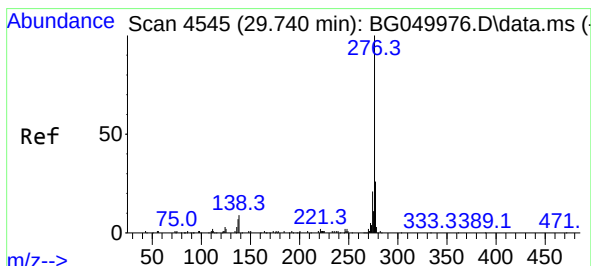
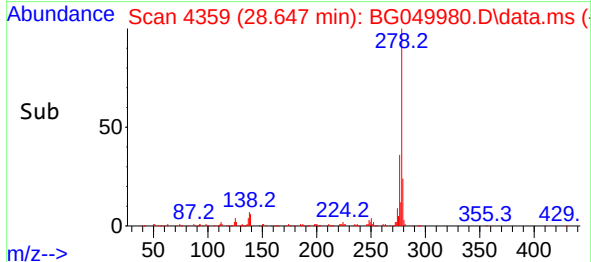
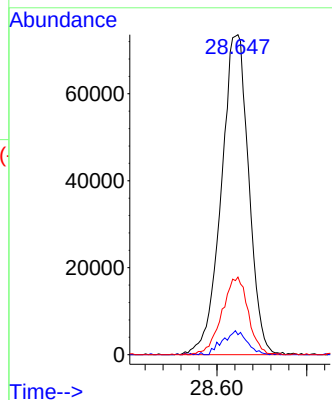
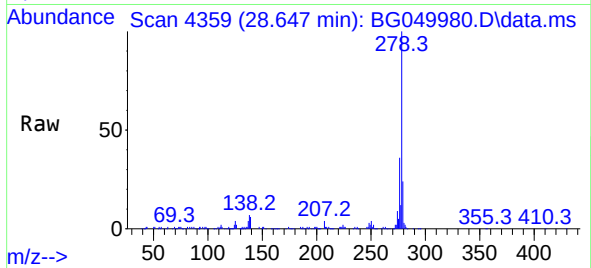
#95
Dibenzo(a,h)anthracene
Concen: 40.770 ng/ul
RT: 28.647 min Scan# 4359
Delta R.T. 0.003 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

Tgt Ion:278 Resp: 312519
Ion Ratio Lower Upper
278 100
139 6.3 5.2 7.8
279 24.3 19.0 28.4

Instrument :
BNA_G
ClientSampled :
SP5661

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#96
Benzo(g,h,i)perylene
Concen: 39.752 ng/ul m
RT: 29.751 min Scan# 4547
Delta R.T. 0.015 min
Lab File: BG049980.D
Acq: 26 Aug 2021 14:24

Tgt Ion:276 Resp: 306017
Ion Ratio Lower Upper
276 100
138 8.2 8.6 13.0#
277 26.4 17.4 26.0#

