

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082521\
 Data File : BG049972.D
 Acq On : 25 Aug 2021 17:36
 Operator : CG/JU
 Sample : M3533-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-0824-21MSD

Manual Integrations
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mohammad
 8/26/2021 11:38:45 AM

Quant Time: Aug 26 01:02:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 16:13:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	35729	20.000	ng	# 0.00
21) Naphthalene-d8	10.801	136	143540	20.000	ng	#-0.01
39) Acenaphthene-d10	14.637	164	90611	20.000	ng	-0.01
64) Phenanthrene-d10	17.392	188	173897	20.000	ng	#-0.01
76) Chrysene-d12	21.675	240	139252	20.000	ng	0.00
86) Perylene-d12	24.912	264	142635	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	152264	76.394	ng	0.00
7) Phenol-d6	7.159	99	210052	69.621	ng	0.00
23) Nitrobenzene-d5	9.150	82	146596	45.193	ng	-0.01
42) 2,4,6-Tribromophenol	16.135	330	91594	68.771	ng	-0.01
45) 2-Fluorobiphenyl	13.257	172	305675	49.087	ng	0.00
79) Terphenyl-d14	20.000	244	375464	48.970	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.370	88	26591	30.530	ng	93
3) Pyridine	3.781	79	66000	27.644	ng	92
4) n-Nitrosodimethylamine	3.699	42	49704	38.717	ng	# 79
6) Aniline	7.300	93	109467	34.234	ng	# 92
8) 2-Chlorophenol	7.547	128	106064	48.809	ng	99
9) Benzaldehyde	7.112	77	76772	38.135	ng	# 83
10) Phenol	7.183	94	135399	46.316	ng	91
11) bis(2-Chloroethyl)ether	7.394	93	91723	46.469	ng	90
12) 1,3-Dichlorobenzene	7.870	146	115639	46.464	ng	93
13) 1,4-Dichlorobenzene	8.017	146	116544	46.262	ng	96
14) 1,2-Dichlorobenzene	8.334	146	111238	46.610	ng	93
15) Benzyl Alcohol	8.222	79	115588	45.619	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.510	45	99207	44.233	ng	98
17) 2-Methylphenol	8.440	107	95397	49.555	ng	95
18) Hexachloroethane	9.062	117	46005	47.505	ng	95
19) n-Nitroso-di-n-propyla...	8.792	70	83734	41.473	ng	# 86
20) 3+4-Methylphenols	8.769	107	127926	47.316	ng	97
22) Acetophenone	8.810	105	171482	43.973	ng	93
24) Nitrobenzene	9.197	77	138525	40.471	ng	96
25) Isophorone	9.720	82	223507	38.614	ng	97
26) 2-Nitrophenol	9.908	139	60853	46.586	ng	95
27) 2,4-Dimethylphenol	9.979	122	97963	50.741	ng	98
28) bis(2-Chloroethoxy)met...	10.196	93	122998	48.576	ng	# 91
29) 2,4-Dichlorophenol	10.460	162	109250	46.112	ng	96
30) 1,2,4-Trichlorobenzene	10.666	180	120511	46.197	ng	98
31) Naphthalene	10.848	128	323871	43.083	ng	96
32) Benzoic acid	10.161	122	49343	37.410	ng	81
33) 4-Chloroaniline	10.960	127	69544	23.433	ng	# 95
34) Hexachlorobutadiene	11.130	225	84419	44.532	ng	95
35) Caprolactam	11.765	113	31283m	42.735	ng	
36) 4-Chloro-3-methylphenol	12.111	107	121568	44.422	ng	# 87
37) 2-Methylnaphthalene	12.464	142	246297	43.492	ng	97
38) 1-Methylnaphthalene	12.681	142	223553	42.003	ng	92
40) 1,2,4,5-Tetrachloroben...	12.834	216	135207	50.642	ng	98
41) Hexachlorocyclopentadiene	12.804	237	65637	47.191	ng	90
43) 2,4,6-Trichlorophenol	13.080	196	88033	48.910	ng	94

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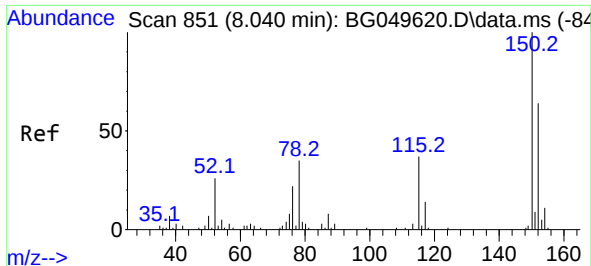
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.163	196	93082	47.669	ng	91
46) 1,1'-Biphenyl	13.468	154	293154	45.425	ng	95
47) 2-Chloronaphthalene	13.515	162	246199	47.763	ng	96
48) 2-Nitroaniline	13.721	65	82553	43.616	ng	93
49) Acenaphthylene	14.361	152	369050	45.173	ng	99
50) Dimethylphthalate	14.091	163	302654	44.271	ng	97
51) 2,6-Dinitrotoluene	14.220	165	63387	42.112	ng	90
52) Acenaphthene	14.708	154	214244	43.533	ng	92
53) 3-Nitroaniline	14.549	138	51859	35.329	ng	99
54) 2,4-Dinitrophenol	14.772	184	25942	30.358	ng	94
55) Dibenzofuran	15.043	168	340310	42.625	ng	94
56) 4-Nitrophenol	14.890	139	85819	80.026	ng	97
57) 2,4-Dinitrotoluene	15.013	165	89779	42.467	ng	92
58) Fluorene	15.689	166	276612	42.627	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.277	232	74890	41.294	ng	99
60) Diethylphthalate	15.454	149	295178	42.930	ng	96
61) 4-Chlorophenyl-phenyle...	15.677	204	147733	42.654	ng	96
62) 4-Nitroaniline	15.718	138	57375	37.998	ng	91
63) Azobenzene	15.971	77	282258	38.785	ng	88
65) 4,6-Dinitro-2-methylph...	15.789	198	19730	17.651	ng	94
66) n-Nitrosodiphenylamine	15.894	169	236926	48.219	ng	97
67) 4-Bromophenyl-phenylether	16.576	248	96471	47.104	ng	92
68) Hexachlorobenzene	16.705	284	108069	47.495	ng	96
69) Atrazine	16.846	200	95547	48.612	ng	100
70) Pentachlorophenol	17.052	266	92405	75.736	ng	93
71) Phenanthrene	17.439	178	429232	46.916	ng	97
72) Anthracene	17.527	178	417354	46.449	ng	98
73) Carbazole	17.803	167	356433	41.884	ng	97
74) Di-n-butylphthalate	18.344	149	427592	43.103	ng	99
75) Fluoranthene	19.448	202	533685	47.404	ng	99
77) Benzidine	19.630	184	138345	38.775	ng	97
78) Pyrene	19.813	202	525965	55.403	ng	97
80) Butylbenzylphthalate	20.688	149	164962	45.626	ng	97
81) Benzo(a)anthracene	21.651	228	452353	49.881	ng	98
82) 3,3'-Dichlorobenzidine	21.563	252	116092	43.844	ng	98
83) Chrysene	21.722	228	431708	49.800	ng	98
84) Bis(2-ethylhexyl)phtha...	21.540	149	225746	44.109	ng	97
85) Di-n-octyl phthalate	22.750	149	383477	44.354	ng	99
87) Indeno(1,2,3-cd)pyrene	28.636	276	421835	41.008	ng	# 99
88) Benzo(b)fluoranthene	23.889	252	473208m	50.585	ng	
89) Benzo(k)fluoranthene	23.954	252	432239	49.536	ng	98
90) Benzo(a)pyrene	24.765	252	440041	51.978	ng	94
91) Dibenzo(a,h)anthracene	28.689	278	349871	40.363	ng	# 95
92) Benzo(g,h,i)perylene	29.793	276	326131	38.403	ng	94

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



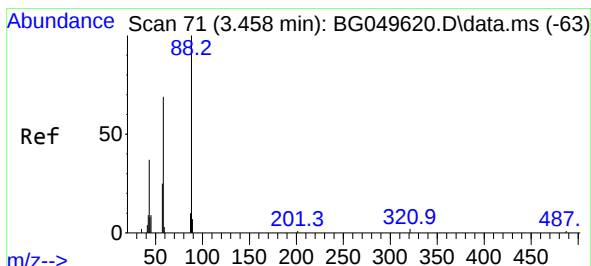
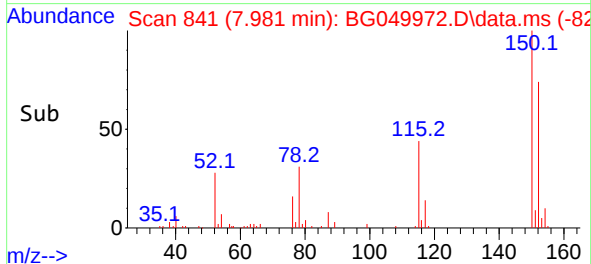
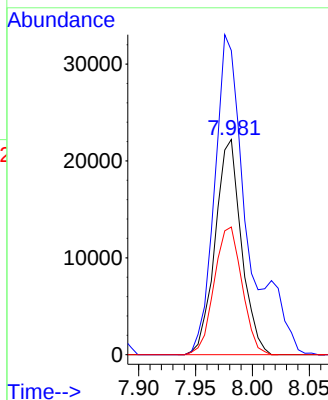
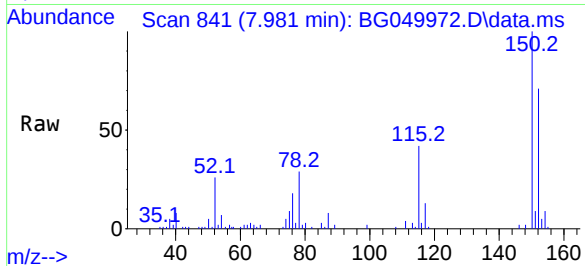
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 841
Delta R.T. -0.005 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

Tgt Ion:152 Resp: 35729
Ion Ratio Lower Upper
152 100
150 141.4 119.4 179.0
115 59.4 60.2 90.4#

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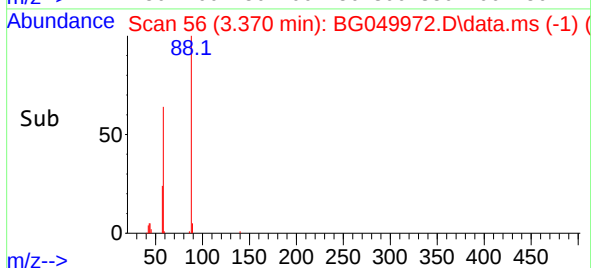
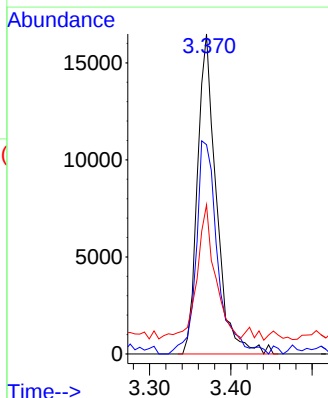
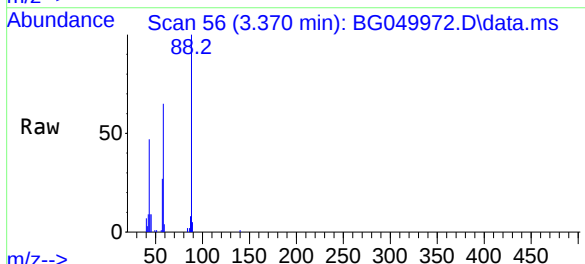
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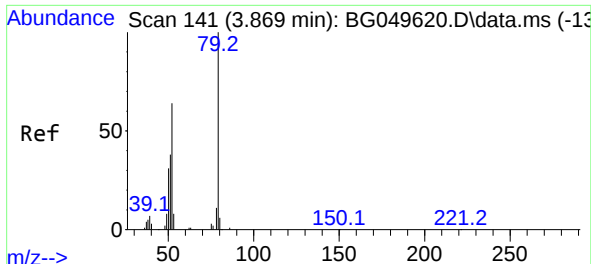
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#2
1,4-Dioxane
Concen: 30.530 ng
RT: 3.370 min Scan# 56
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

Tgt Ion: 88 Resp: 26591
Ion Ratio Lower Upper
88 100
58 75.7 55.7 83.5
43 40.9 29.3 43.9





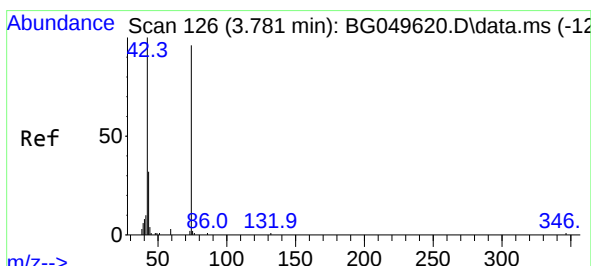
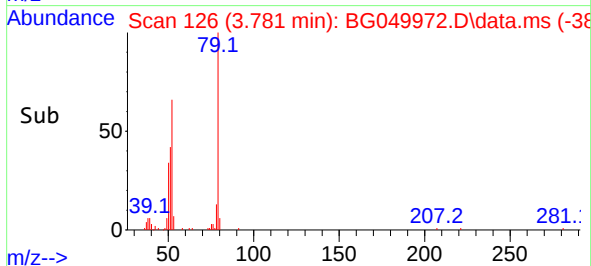
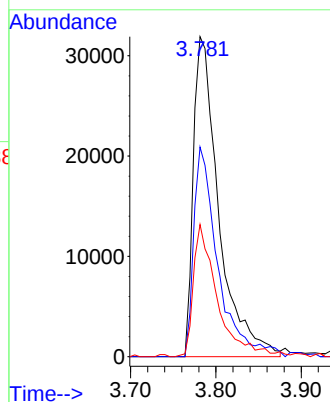
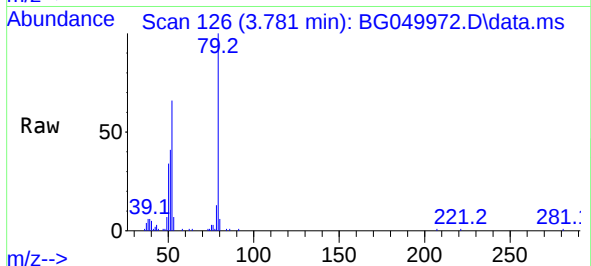
#3
Pyridine
Concen: 27.644 ng
RT: 3.781 min Scan# 126
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

Tgt Ion: 79 Resp: 66000
Ion Ratio Lower Upper
79 100
52 65.5 58.4 87.6
51 41.3 37.0 55.6

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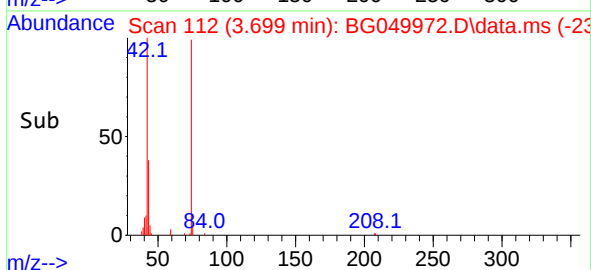
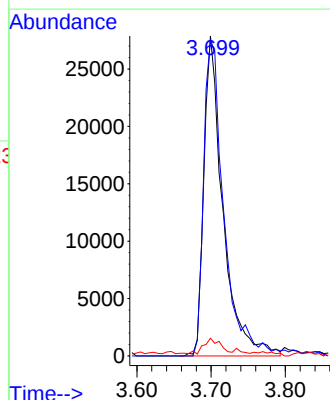
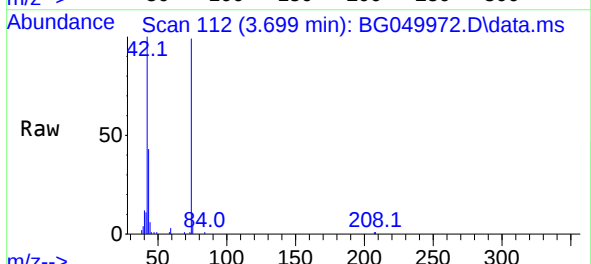
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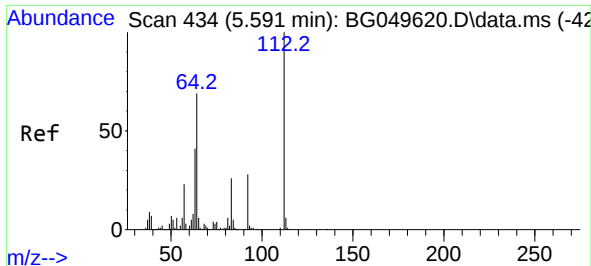
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#4
n-Nitrosodimethylamine
Concen: 38.717 ng
RT: 3.699 min Scan# 112
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

Tgt Ion: 42 Resp: 49704
Ion Ratio Lower Upper
42 100
74 98.7 64.0 96.0#
44 5.6 2.7 4.1#





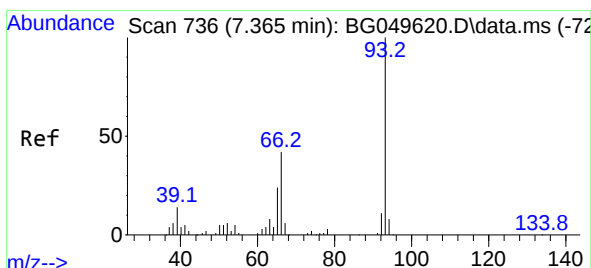
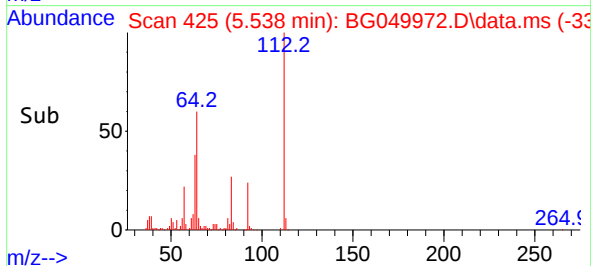
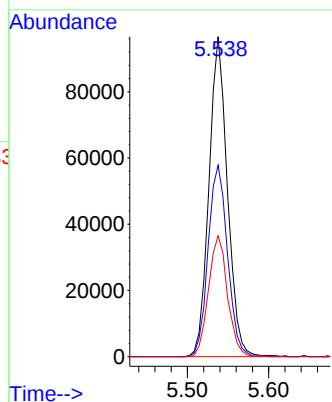
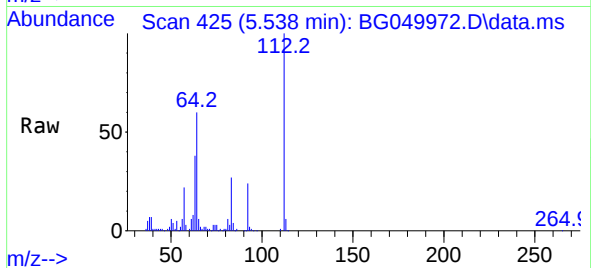
#5
2-Fluorophenol
Concen: 76.394 ng
RT: 5.538 min Scan# 425
Delta R.T. 0.001 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

Tgt Ion:	112	Resp:	152264
Ion Ratio	Lower	Upper	
112	100		
64	59.8	46.7	70.1
63	37.8	35.3	52.9

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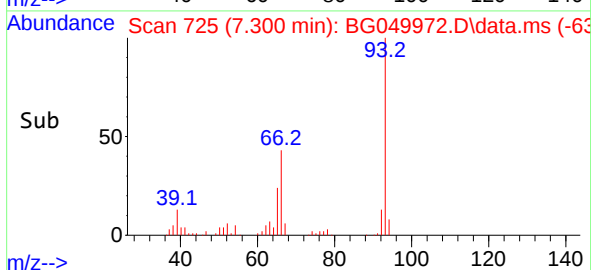
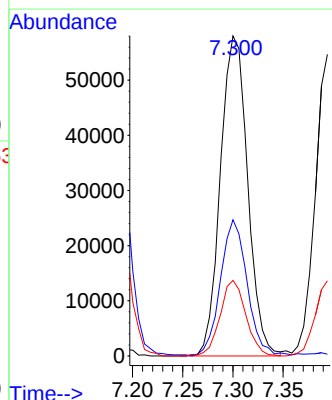
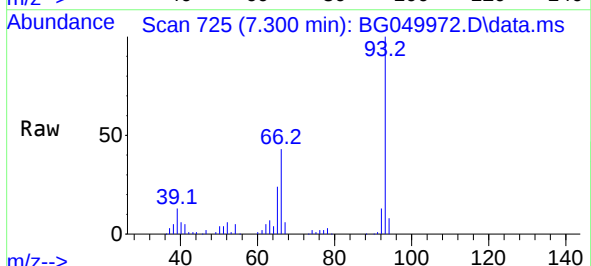
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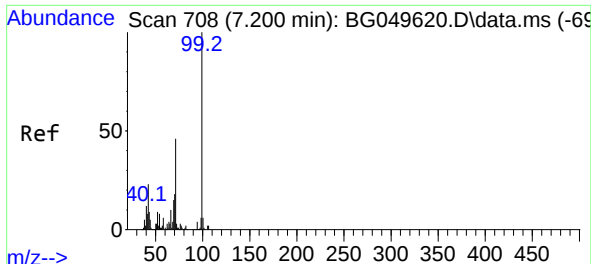
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#6
Aniline
Concen: 34.234 ng
RT: 7.300 min Scan# 725
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

Tgt Ion:	93	Resp:	109467
Ion Ratio	Lower	Upper	
93	100		
66	42.6	30.6	45.8
65	23.6	15.0	22.4





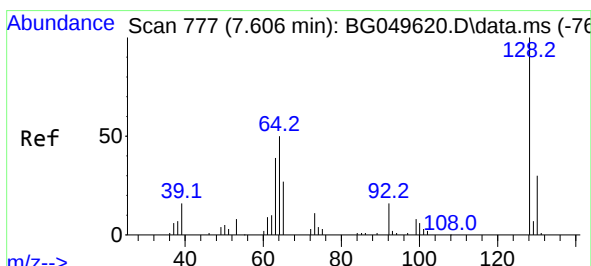
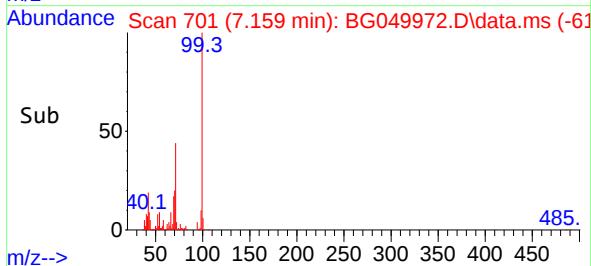
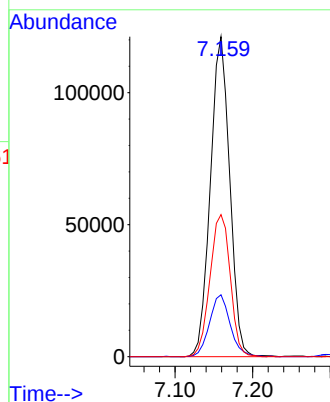
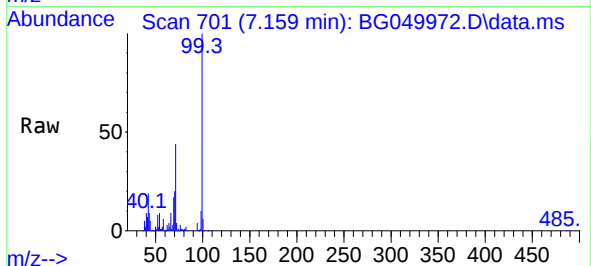
#7
Phenol-d6
Concen: 69.621 ng
RT: 7.159 min Scan# 701
Delta R.T. 0.001 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

Tgt Ion: 99 Resp: 210052
Ion Ratio Lower Upper
99 100
42 19.4 20.5 30.7#
71 44.4 41.5 62.3

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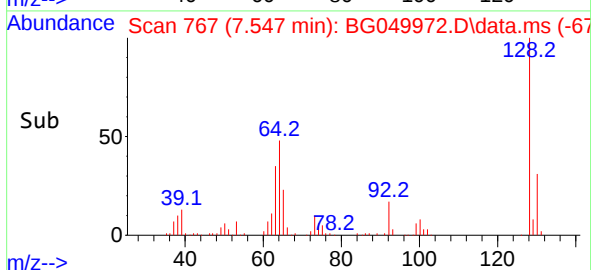
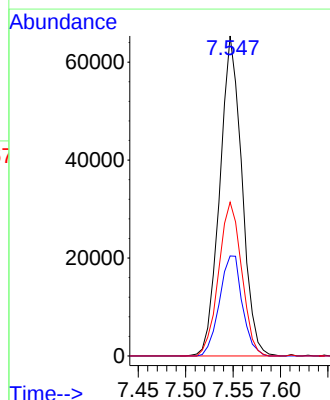
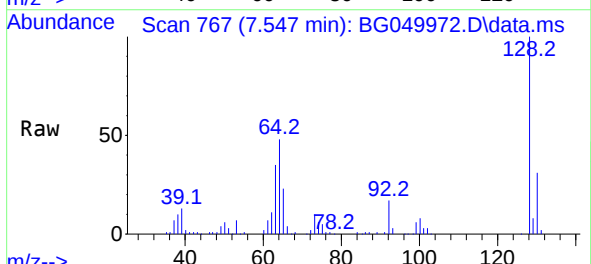
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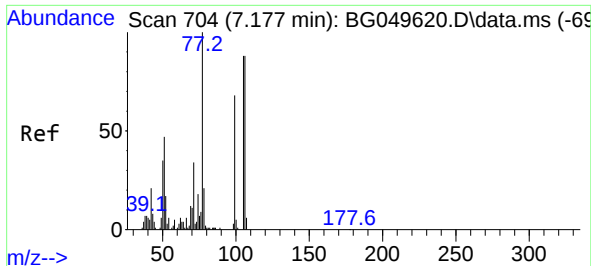
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#8
2-Chlorophenol
Concen: 48.809 ng
RT: 7.547 min Scan# 767
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

Tgt Ion: 128 Resp: 106064
Ion Ratio Lower Upper
128 100
130 31.3 10.0 50.0
64 48.0 28.1 68.1





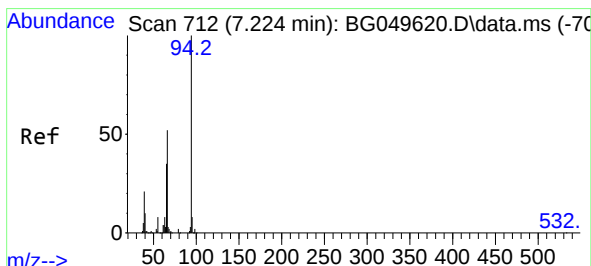
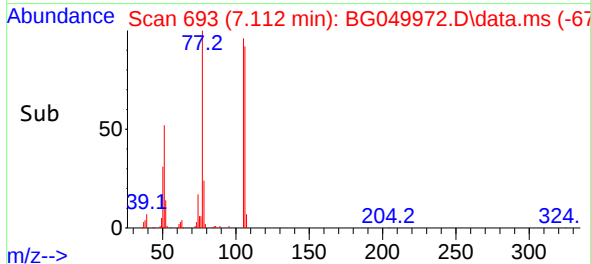
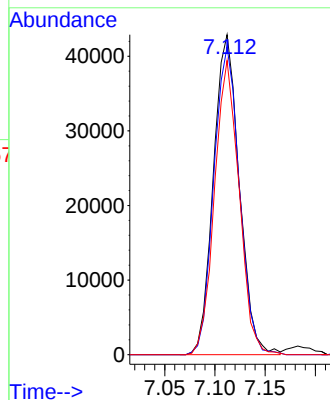
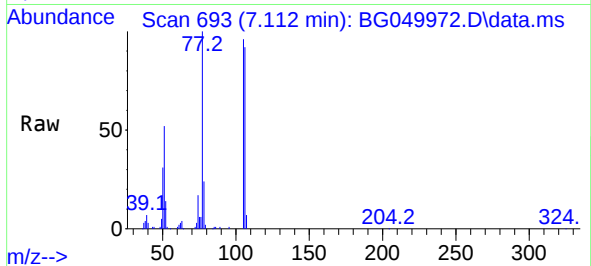
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Benzaldehyde
Concen: 38.135 ng
RT: 7.112 min Scan# 693
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

Tgt Ion: 77 Resp: 76772
Ion Ratio Lower Upper
77 100
105 96.2 68.8 108.8
106 92.0 47.9 87.9#

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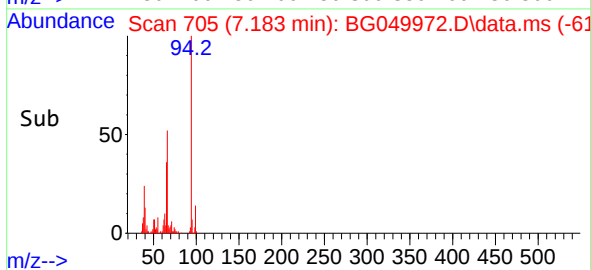
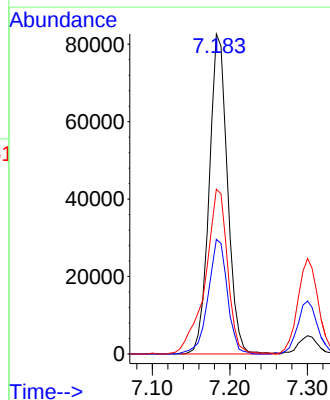
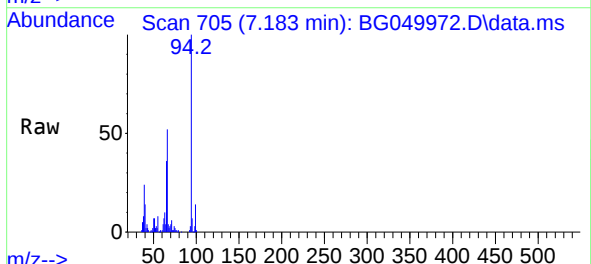
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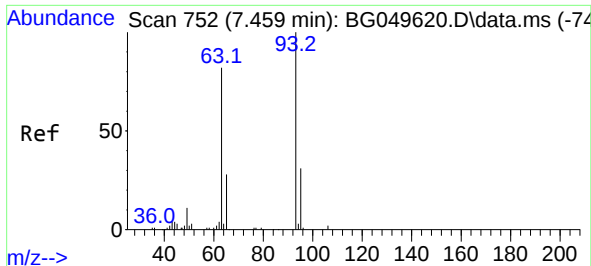
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#10
Phenol
Concen: 46.316 ng
RT: 7.183 min Scan# 705
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

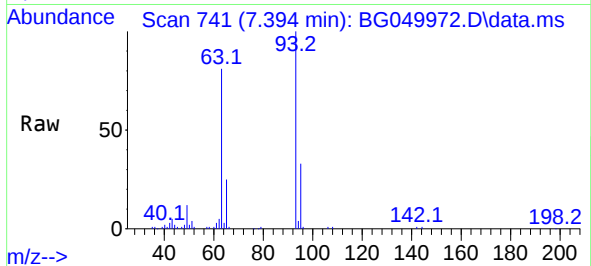
Tgt Ion: 94 Resp: 135399
Ion Ratio Lower Upper
94 100
65 35.8 12.9 52.9
66 51.5 39.4 79.4





#11
bis(2-Chloroethyl)ether
Concen: 46.469 ng
RT: 7.394 min Scan# 741
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

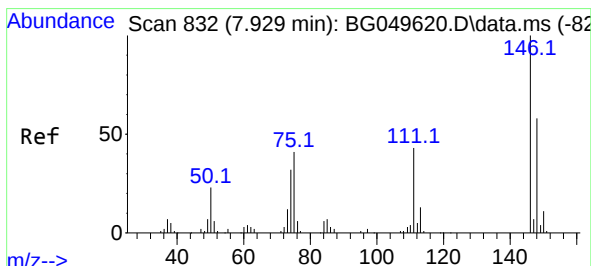
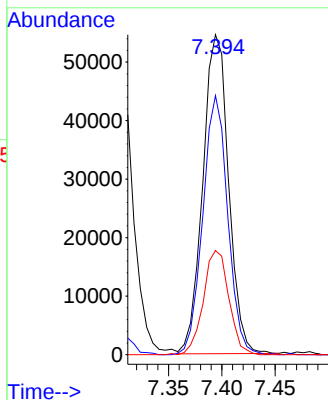
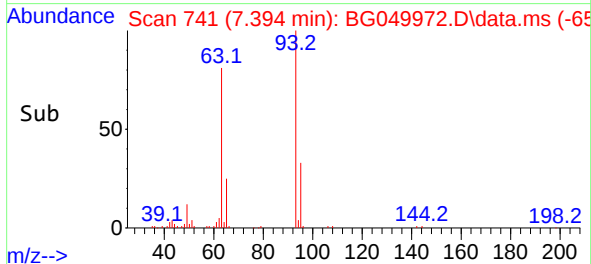
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



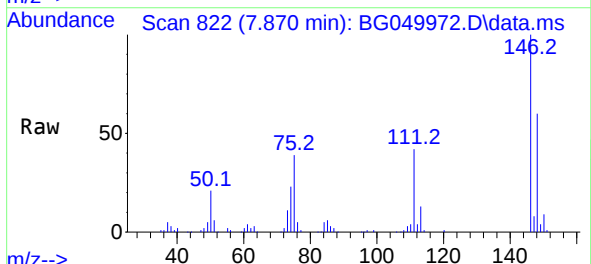
Tgt Ion: 93 Resp: 91723
Ion Ratio Lower Upper
93 100
63 81.0 50.4 90.4
95 32.5 15.3 55.3

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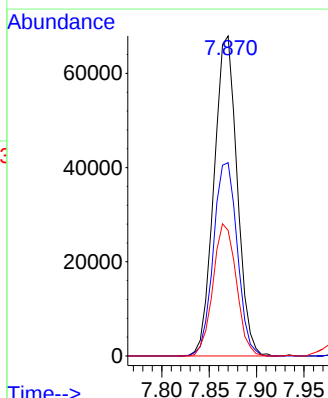
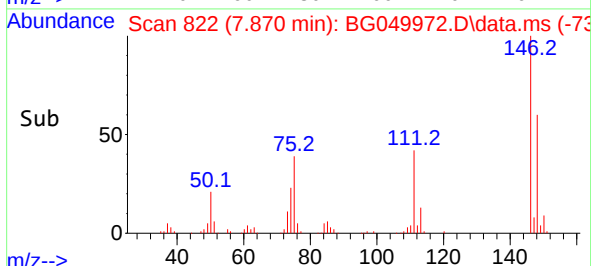
mohammad
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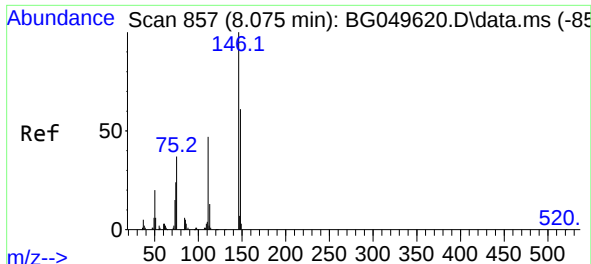


#12
1,3-Dichlorobenzene
Concen: 46.464 ng
RT: 7.870 min Scan# 822
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



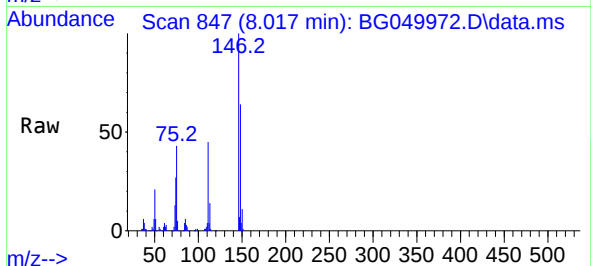
Tgt Ion: 146 Resp: 115639
Ion Ratio Lower Upper
146 100
148 60.4 52.6 78.8
75 39.3 35.7 53.5





#13
1,4-Dichlorobenzene
Concen: 46.262 ng
RT: 8.017 min Scan# 847
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

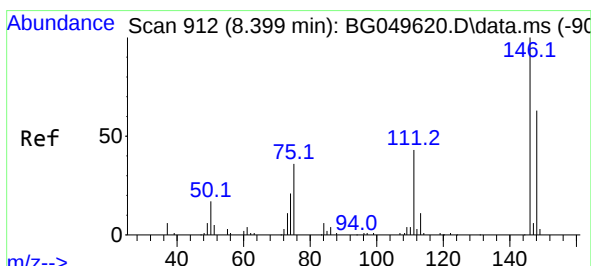
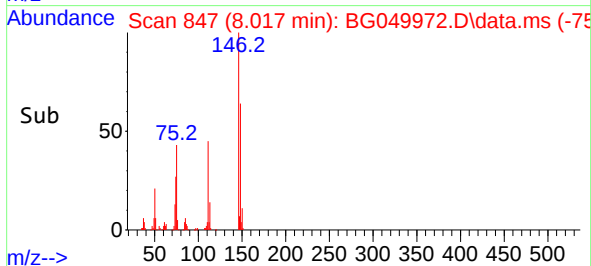
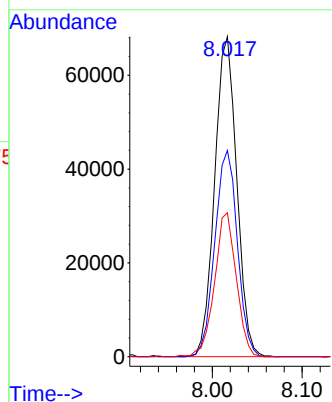
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



Tgt Ion:146 Resp: 116544
Ion Ratio Lower Upper
146 100
148 64.5 54.0 81.0
111 45.0 34.3 51.5

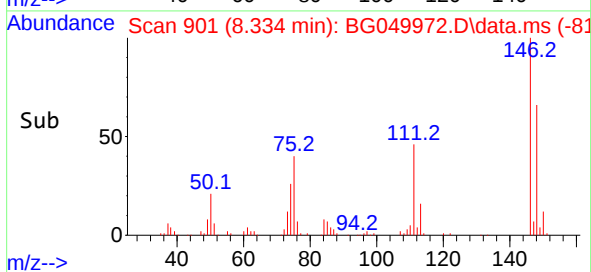
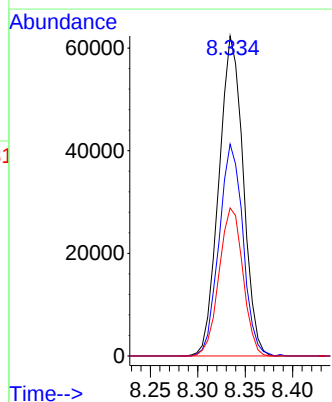
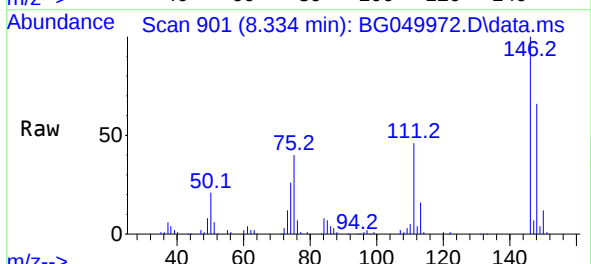
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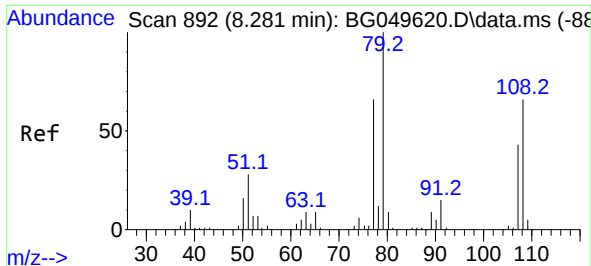
mohammad
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#14
1,2-Dichlorobenzene
Concen: 46.610 ng
RT: 8.334 min Scan# 901
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

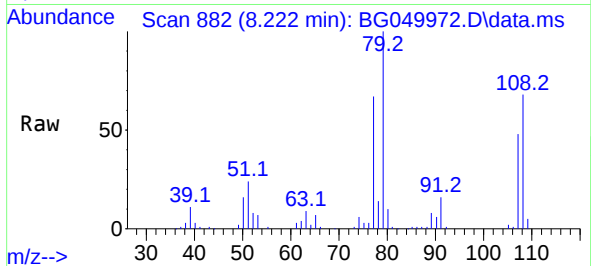
Tgt Ion:146 Resp: 111238
Ion Ratio Lower Upper
146 100
148 66.2 47.5 71.3
111 46.3 39.1 58.7





#15
Benzyl Alcohol
Concen: 45.619 ng
RT: 8.222 min Scan# 882
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

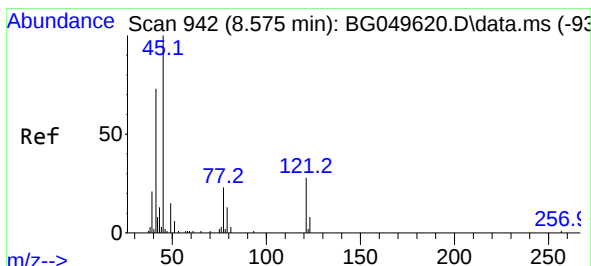
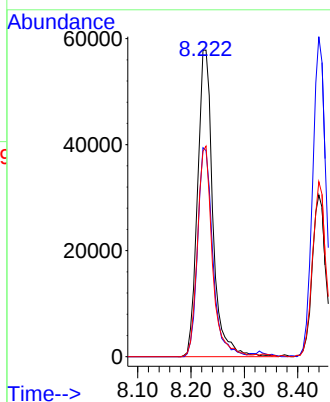
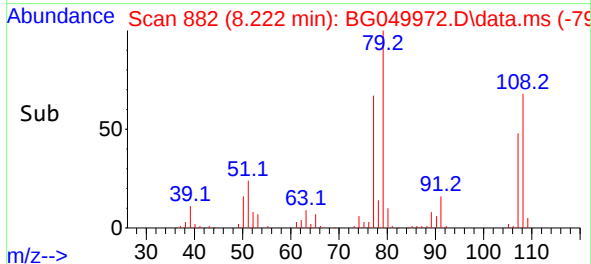
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



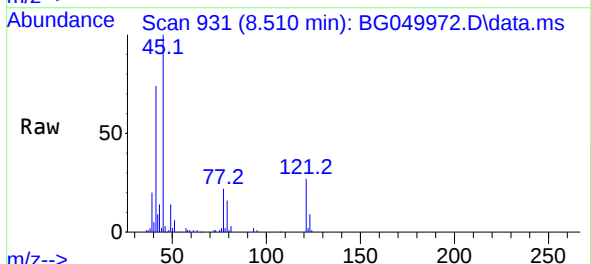
Tgt Ion: 79 Resp: 115588
Ion Ratio Lower Upper
79 100
108 68.1 48.2 72.4
77 67.0 57.3 85.9

Manual Integrations
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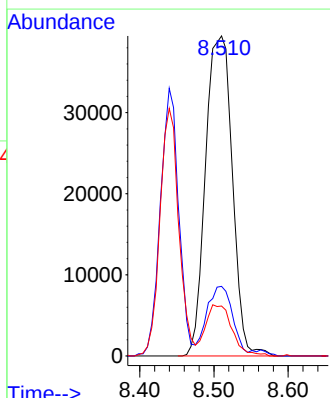
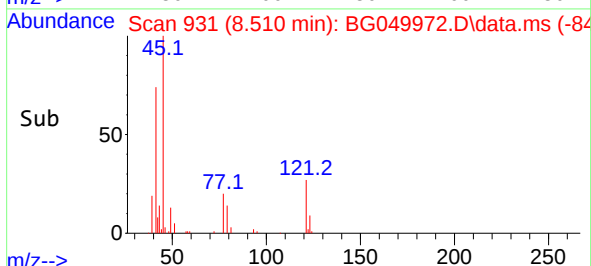
mohammad
8/26/2021 11:38:45 AM

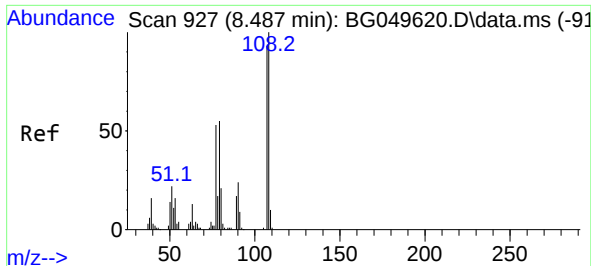


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.233 ng
RT: 8.510 min Scan# 931
Delta R.T. 0.001 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



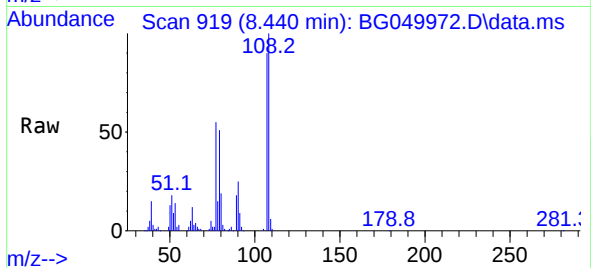
Tgt Ion: 45 Resp: 99207
Ion Ratio Lower Upper
45 100
77 21.8 2.2 42.2
79 15.6 0.0 34.3





#17
2-Methylphenol
Concen: 49.555 ng
RT: 8.440 min Scan# 919
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

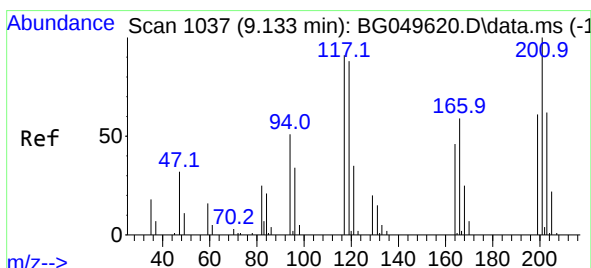
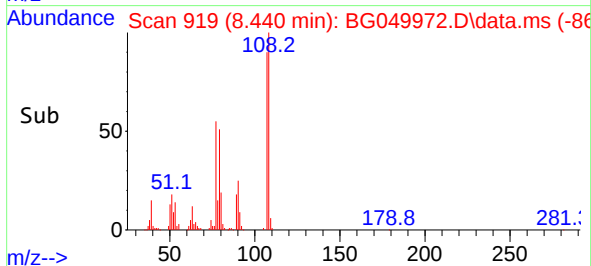
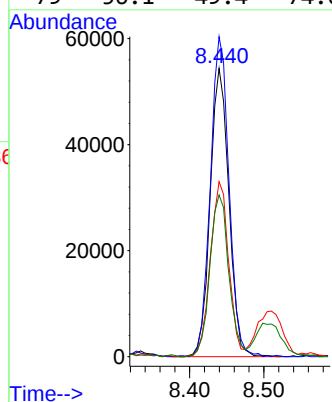
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



Tgt Ion:	107	Resp:	95397
Ion	Ratio	Lower	Upper
107	100		
108	111.0	84.6	127.0
77	60.7	50.7	76.1
79	56.1	49.4	74.0

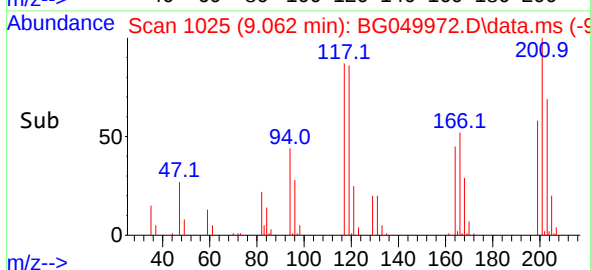
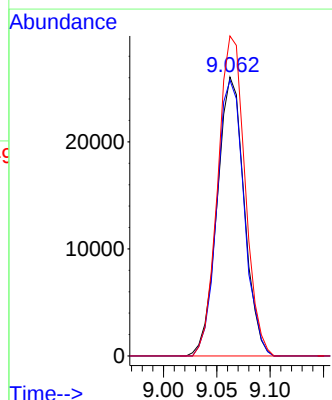
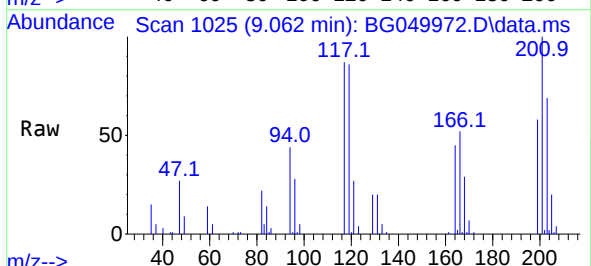
Manual Integrations
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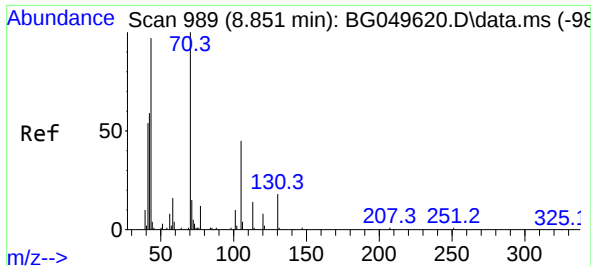
mohammad
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#18
Hexachloroethane
Concen: 47.505 ng
RT: 9.062 min Scan# 1025
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

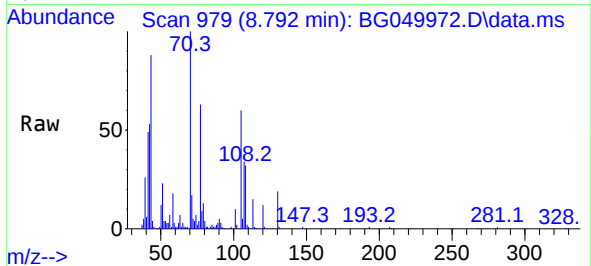
Tgt Ion:	117	Resp:	46005
Ion	Ratio	Lower	Upper
117	100		
119	98.9	74.4	111.6
201	114.8	88.6	133.0





#19
n-Nitroso-di-n-propylamine
Concen: 41.473 ng
RT: 8.792 min Scan# 979
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

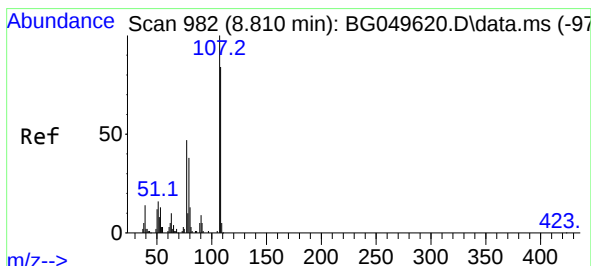
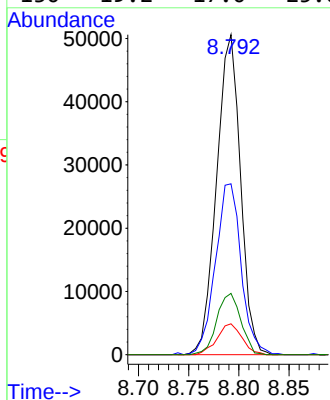
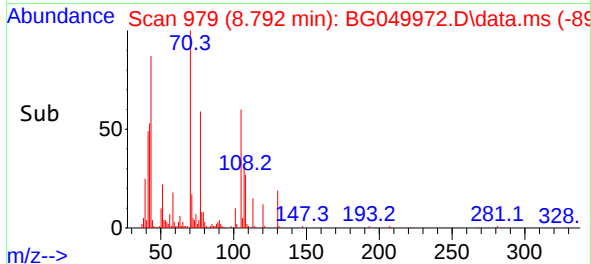
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



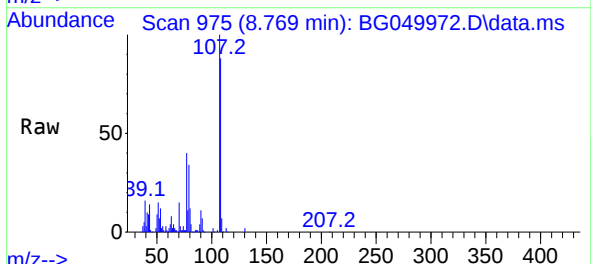
Tgt Ion: 70 Resp: 83734
Ion Ratio Lower Upper
70 100
42 53.4 54.5 81.7#
101 9.6 9.0 13.6
130 19.2 17.0 25.6

Manual Integrations
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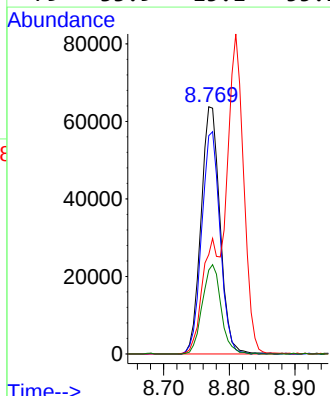
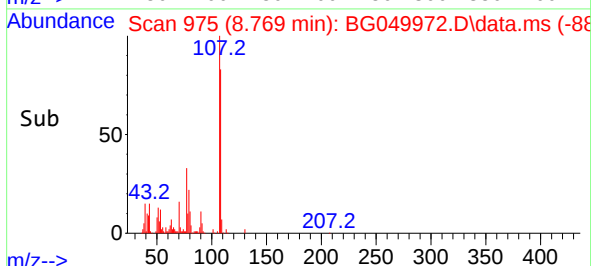
mohammad
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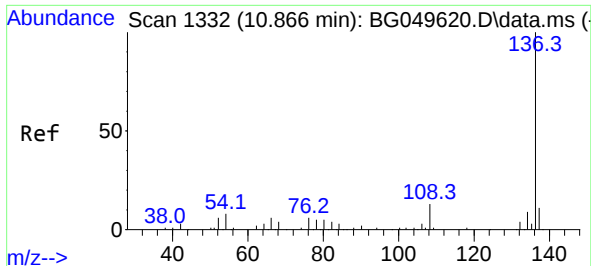


#20
3+4-Methylphenols
Concen: 47.316 ng
RT: 8.769 min Scan# 975
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



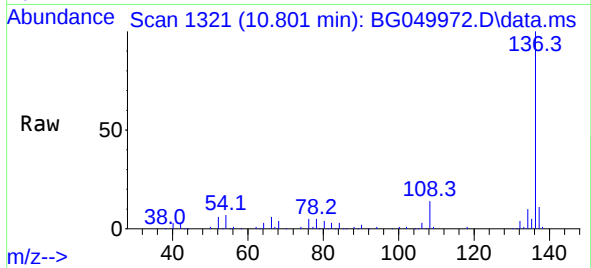
Tgt Ion: 107 Resp: 127926
Ion Ratio Lower Upper
107 100
108 88.3 69.3 109.3
77 40.2 25.2 65.2
79 33.9 15.1 55.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.801 min Scan# 1321
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

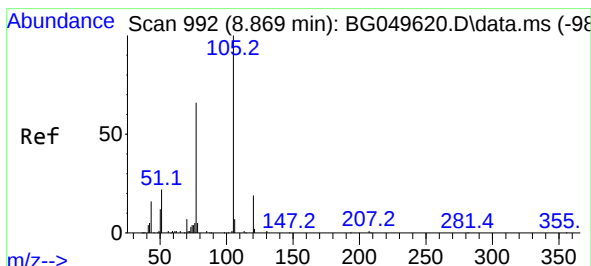
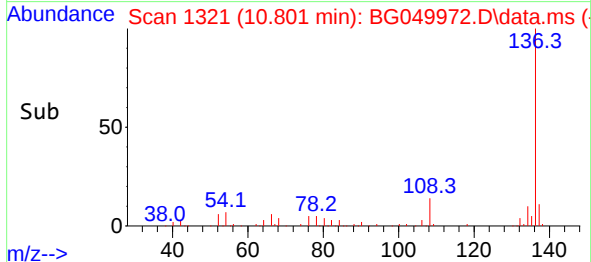
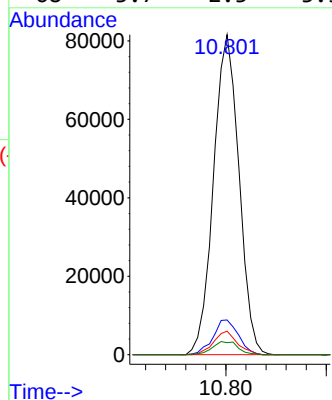
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



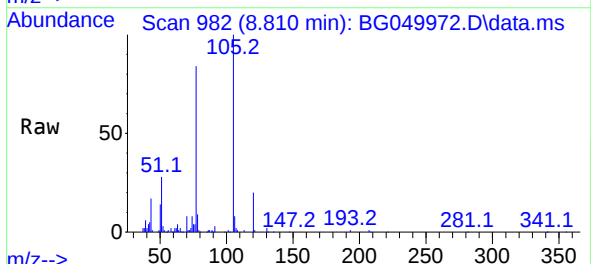
Tgt Ion:136 Resp: 143540
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 7.3 5.5 8.3
68 3.7 2.3 3.5#

Manual Integrations
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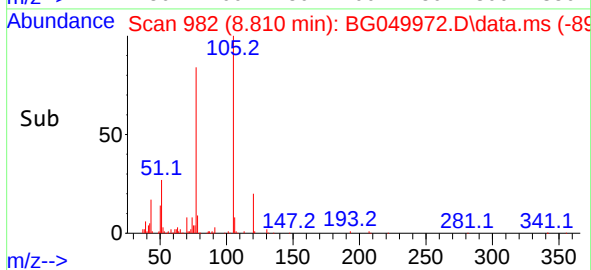
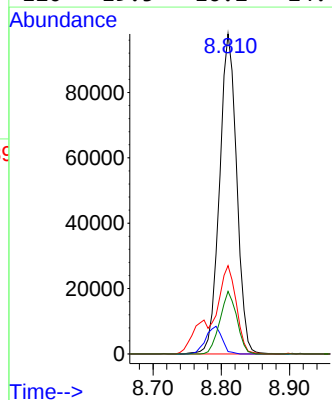
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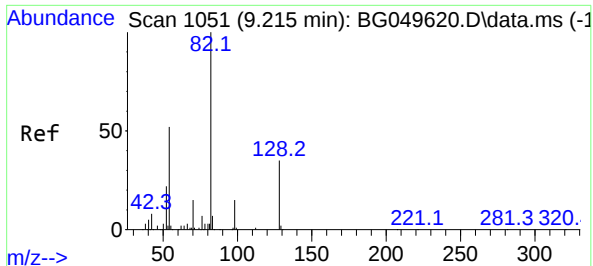


#22
Acetophenone
Concen: 43.973 ng
RT: 8.810 min Scan# 982
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



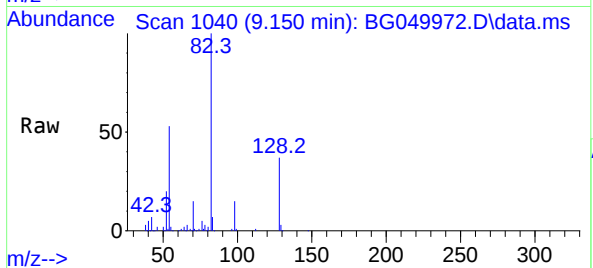
Tgt Ion:105 Resp: 171482
Ion Ratio Lower Upper
105 100
71 0.8 0.6 0.8
51 27.6 26.6 40.0
120 19.5 16.2 24.4





#23
Nitrobenzene-d5
Concen: 45.193 ng
RT: 9.150 min Scan# 1040
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

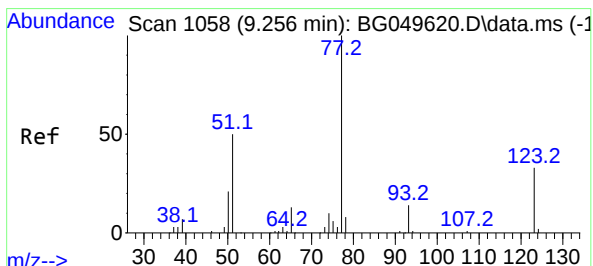
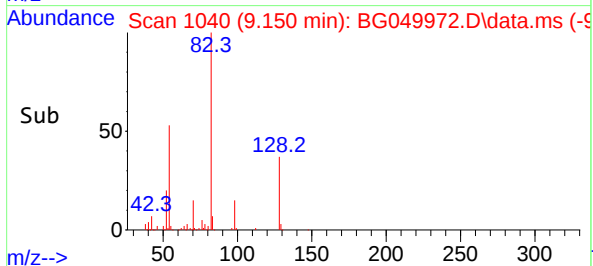
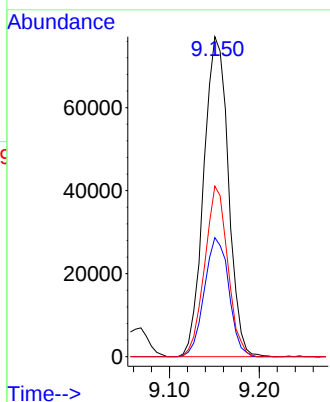
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



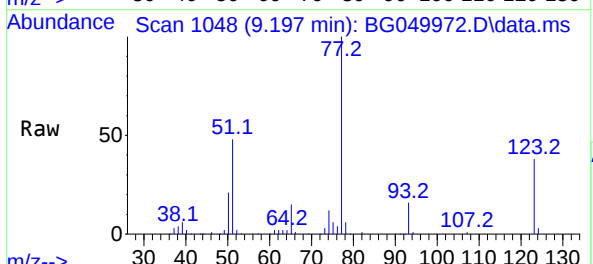
Tgt Ion: 82 Resp: 146596
Ion Ratio Lower Upper
82 100
128 37.2 29.8 44.6
54 53.3 45.8 68.8

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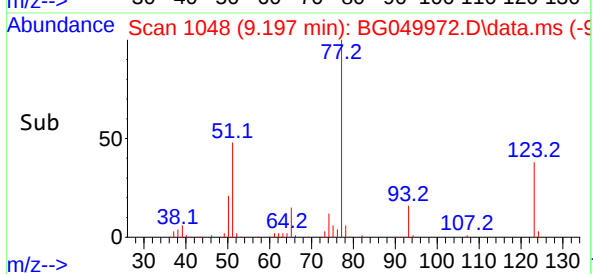
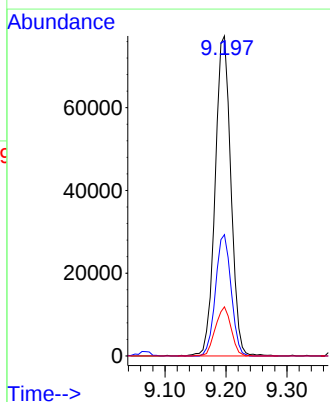
mohammad
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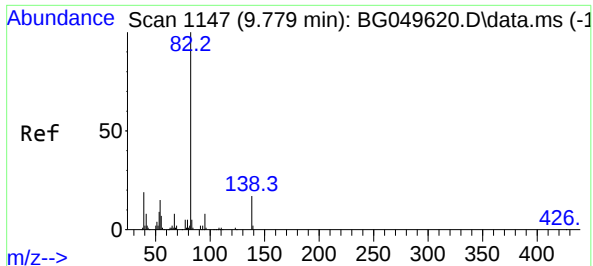


#24
Nitrobenzene
Concen: 40.471 ng
RT: 9.197 min Scan# 1048
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



Tgt Ion: 77 Resp: 138525
Ion Ratio Lower Upper
77 100
123 37.9 27.5 41.3
65 15.4 12.6 18.8





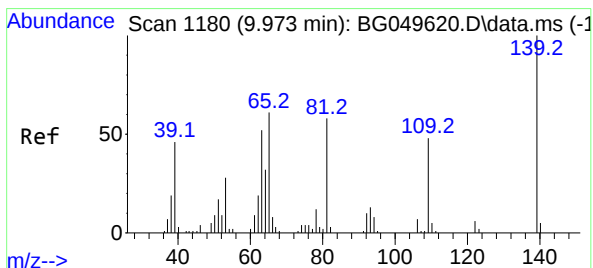
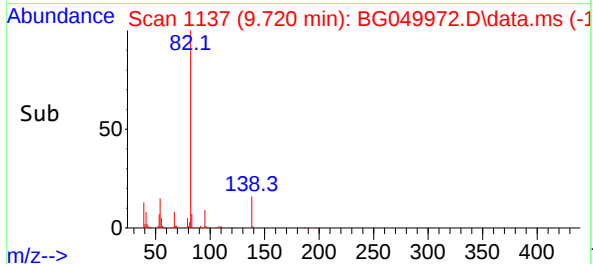
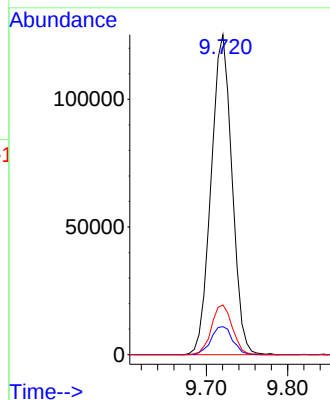
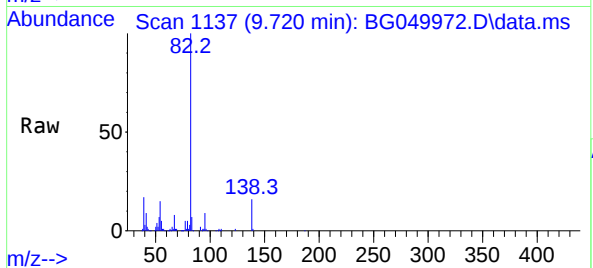
#25
Isophorone
Concen: 38.614 ng
RT: 9.720 min Scan# 1137
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

Tgt Ion:	82	Resp:	223507
Ion	Ratio	Lower	Upper
82	100		
95	8.8	8.5	12.7
138	15.6	11.8	17.6

Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD

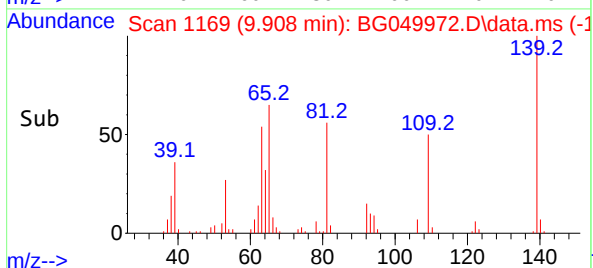
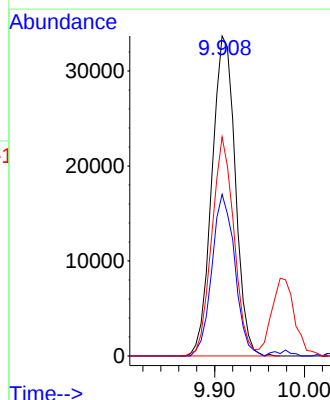
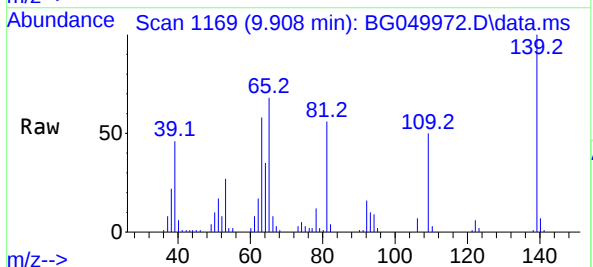
Manual Integrations
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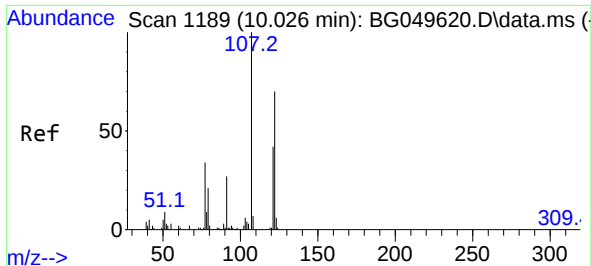
mohammad
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#26
2-Nitrophenol
Concen: 46.586 ng
RT: 9.908 min Scan# 1169
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

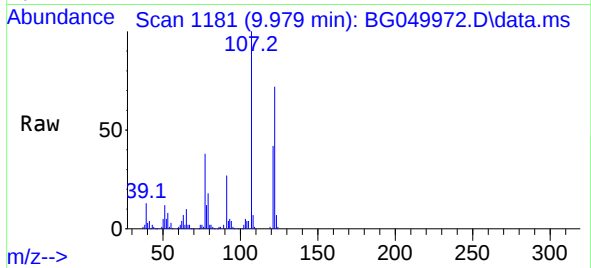
Tgt Ion:	139	Resp:	60853
Ion	Ratio	Lower	Upper
139	100		
109	50.5	37.8	56.6
65	68.4	51.8	77.8





#27
2,4-Dimethylphenol
Concen: 50.741 ng
RT: 9.979 min Scan# 1181
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

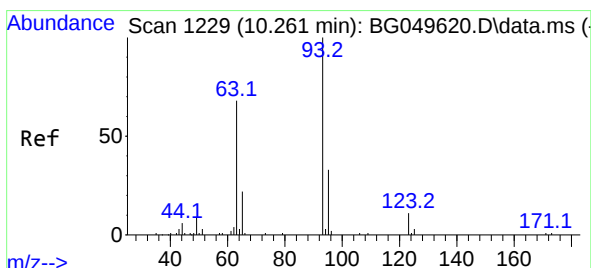
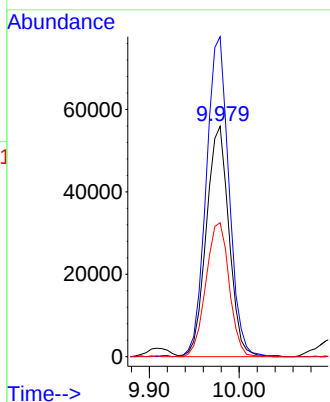
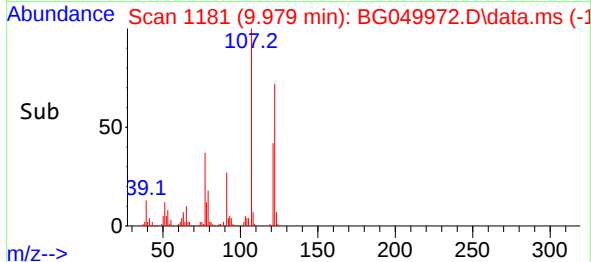
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



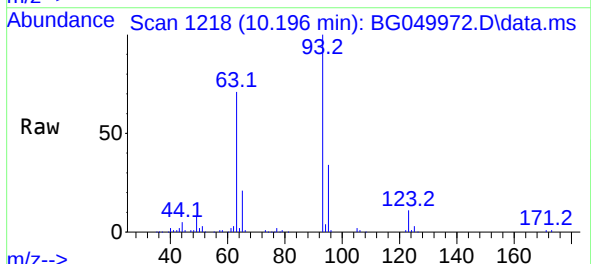
Tgt Ion:122 Resp: 97963
Ion Ratio Lower Upper
122 100
107 138.9 110.1 165.1
121 58.1 49.0 73.6

Manual Integrations
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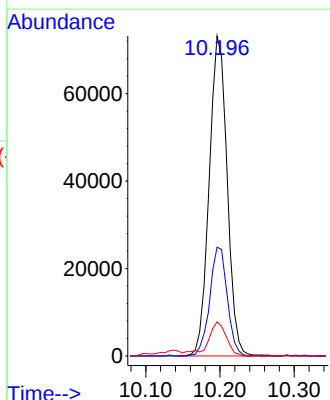
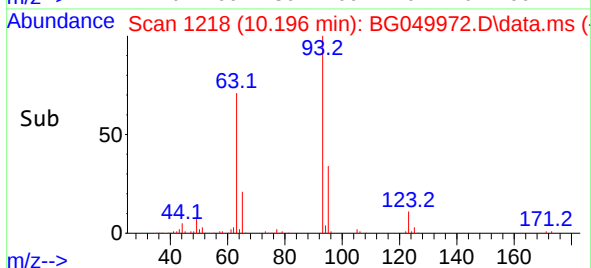
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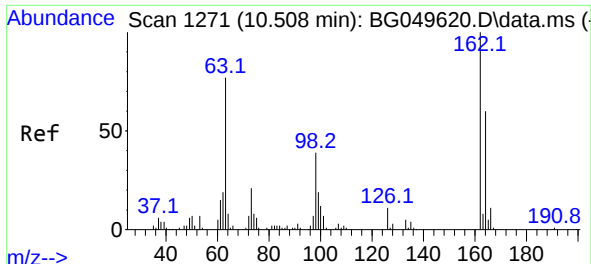


#28
bis(2-Chloroethoxy)methane
Concen: 48.576 ng
RT: 10.196 min Scan# 1218
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



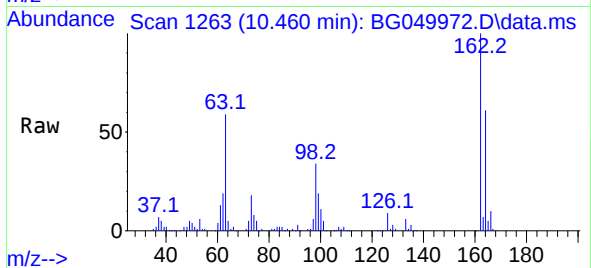
Tgt Ion: 93 Resp: 122998
Ion Ratio Lower Upper
93 100
95 34.0 22.2 33.4#
123 10.6 8.8 13.2





#29
2,4-Dichlorophenol
Concen: 46.112 ng
RT: 10.460 min Scan# 1263
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

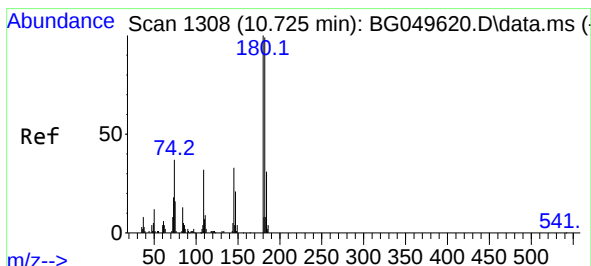
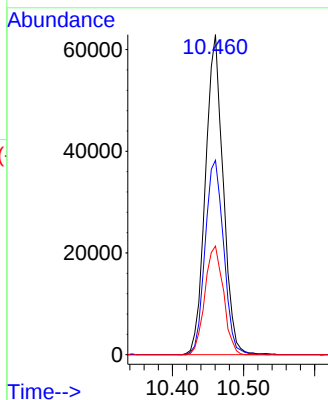
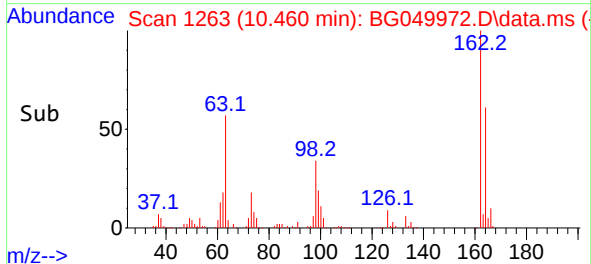
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



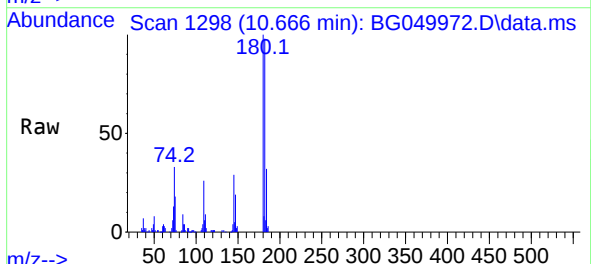
Tgt Ion:162 Resp: 109250
Ion Ratio Lower Upper
162 100
164 60.7 39.4 79.4
98 34.0 18.7 58.7

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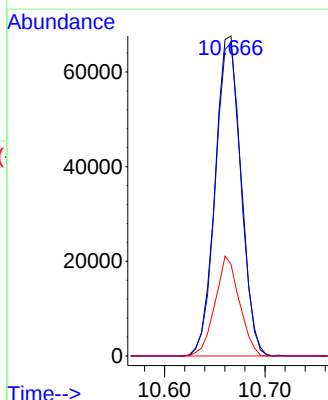
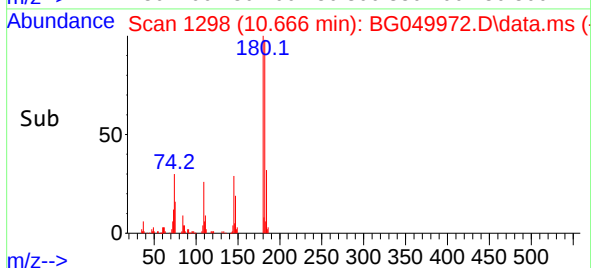
mohammad
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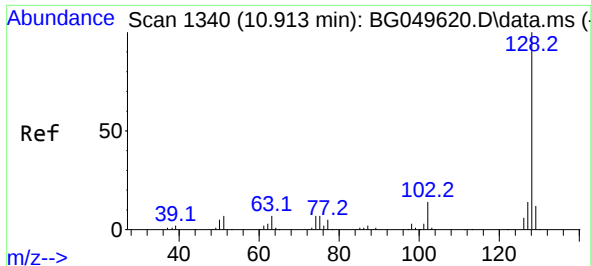


#30
1,2,4-Trichlorobenzene
Concen: 46.197 ng
RT: 10.666 min Scan# 1298
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



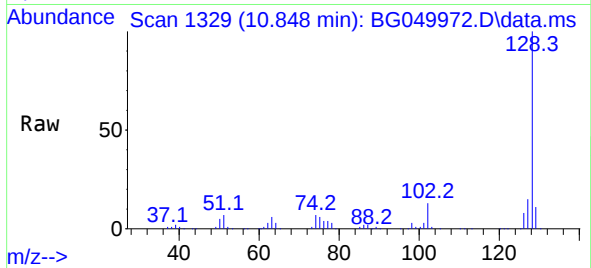
Tgt Ion:180 Resp: 120511
Ion Ratio Lower Upper
180 100
182 97.8 78.9 118.3
145 28.7 26.2 39.4





#31
Naphthalene
Concen: 43.083 ng
RT: 10.848 min Scan# 1329
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

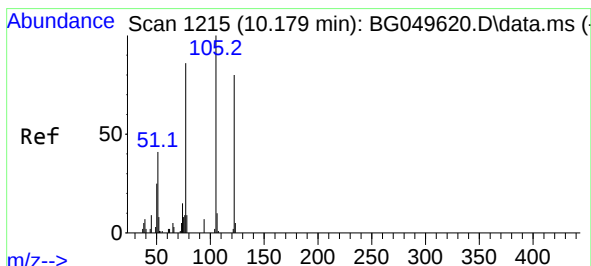
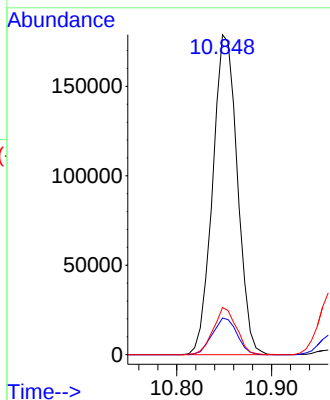
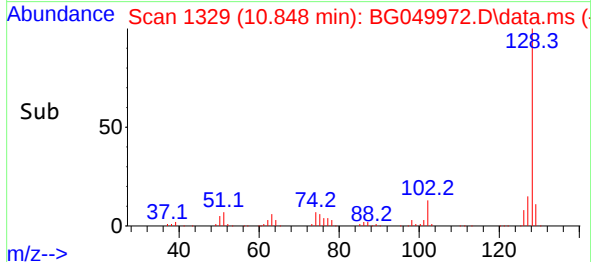
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



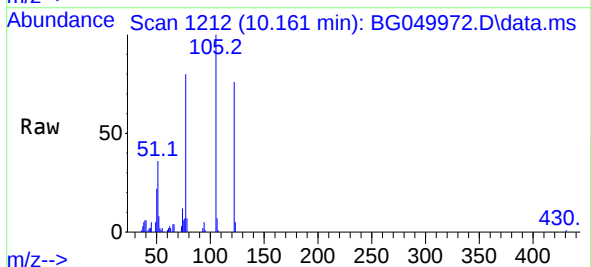
Tgt Ion:128 Resp: 323871
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 14.8 10.2 15.4

Manual Integrations
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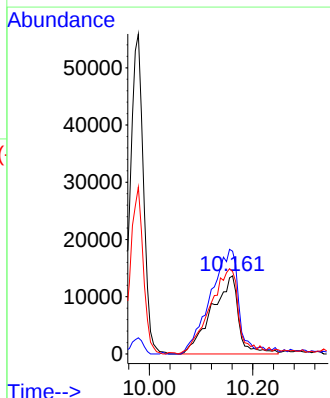
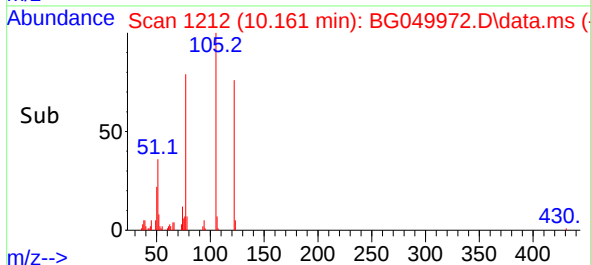
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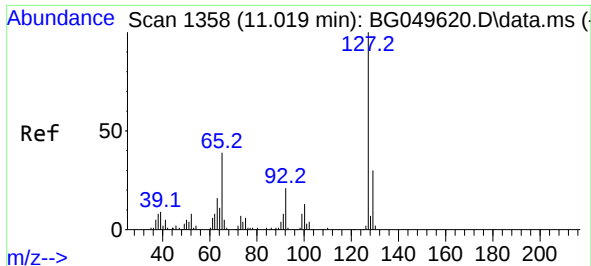


#32
Benzoic acid
Concen: 37.410 ng
RT: 10.161 min Scan# 1212
Delta R.T. 0.025 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



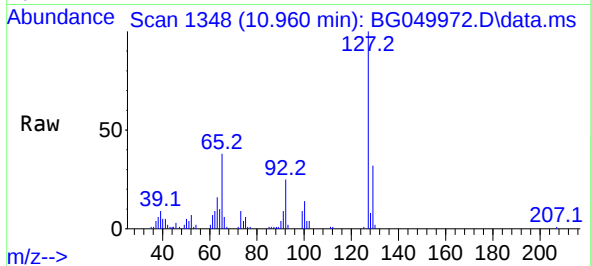
Tgt Ion:122 Resp: 49343
Ion Ratio Lower Upper
122 100
105 131.5 92.3 132.3
77 105.5 66.5 106.5





#33
4-Chloroaniline
Concen: 23.433 ng
RT: 10.960 min Scan# 1348
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

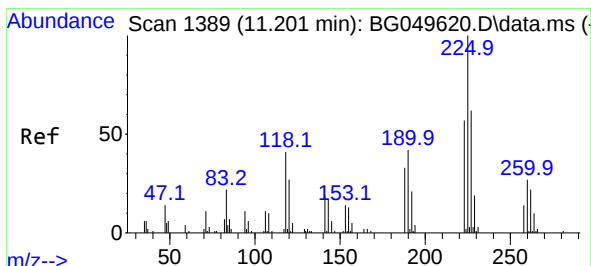
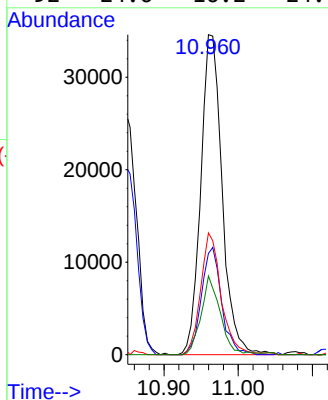
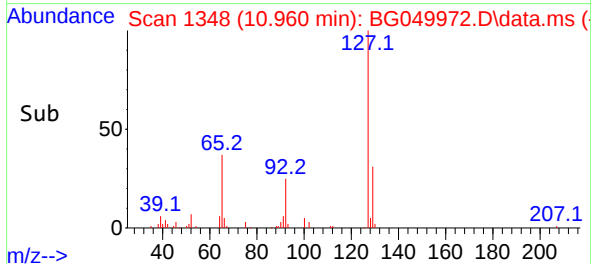
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



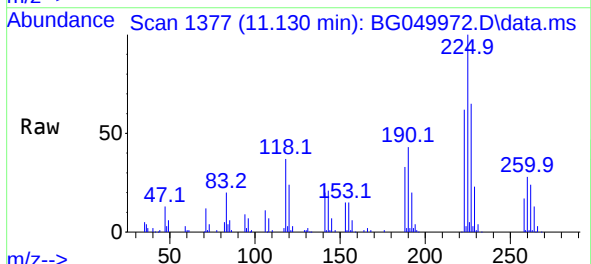
Tgt Ion:127 Resp: 69544
Ion Ratio Lower Upper
127 100
129 31.6 26.7 40.1
65 38.0 32.8 49.2
92 24.6 16.2 24.4#

Manual Integrations
APPROVED

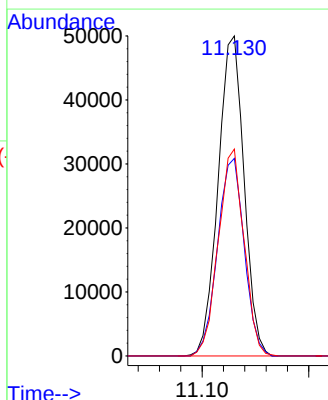
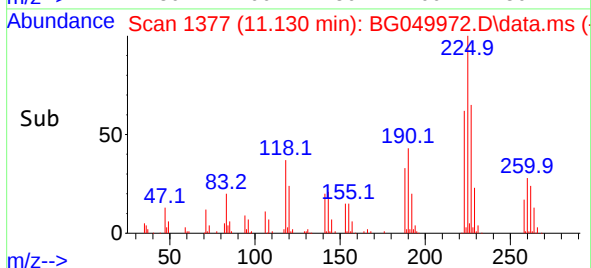
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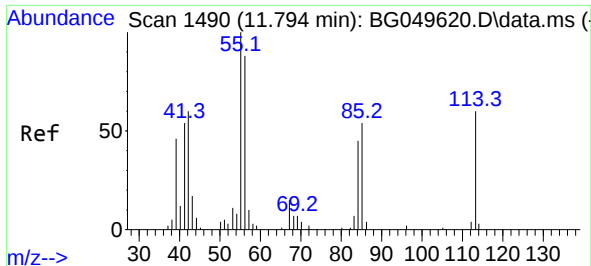


#34
Hexachlorobutadiene
Concen: 44.532 ng
RT: 11.130 min Scan# 1377
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

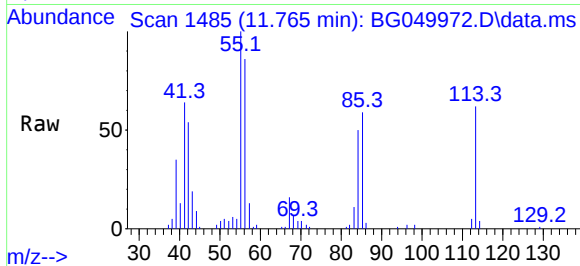


Tgt Ion:225 Resp: 84419
Ion Ratio Lower Upper
225 100
223 61.8 49.8 74.8
227 64.6 46.4 69.6

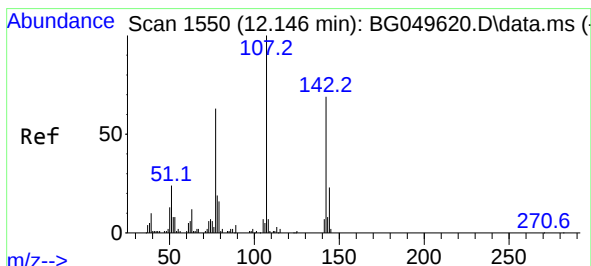
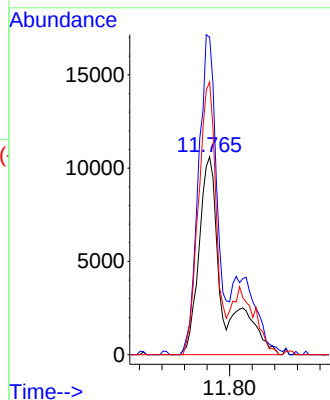
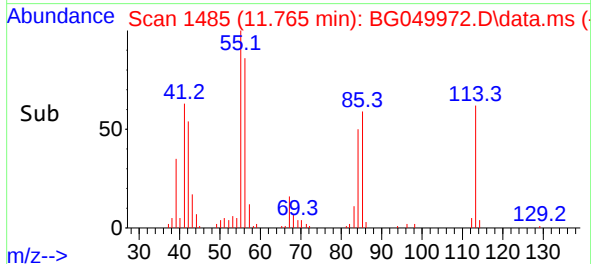




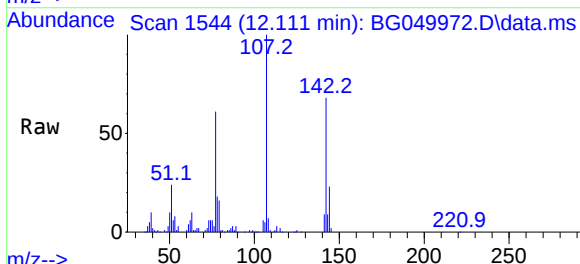
#35
Caprolactam
Concen: 42.735 ng m
RT: 11.765 min Scan# 1485
Delta R.T. 0.013 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



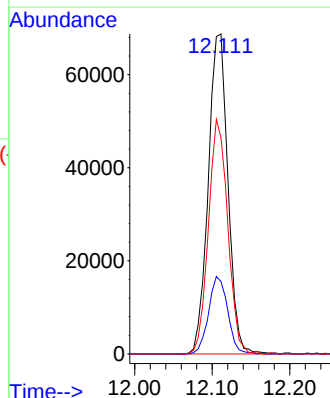
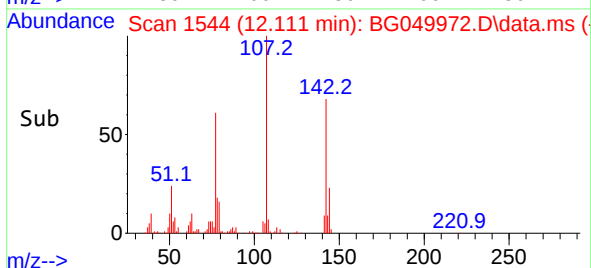
Tgt Ion:113 Resp: 31283
Ion Ratio Lower Upper
113 100
55 160.4 113.8 153.8#
56 137.9 105.6 145.6



#36
4-Chloro-3-methylphenol
Concen: 44.422 ng
RT: 12.111 min Scan# 1544
Delta R.T. 0.001 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



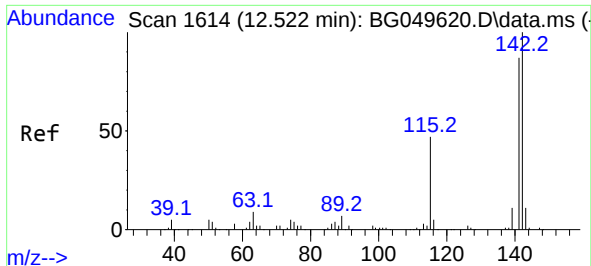
Tgt Ion:107 Resp: 121568
Ion Ratio Lower Upper
107 100
144 22.6 24.8 37.2#
142 67.6 62.2 93.4



Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD

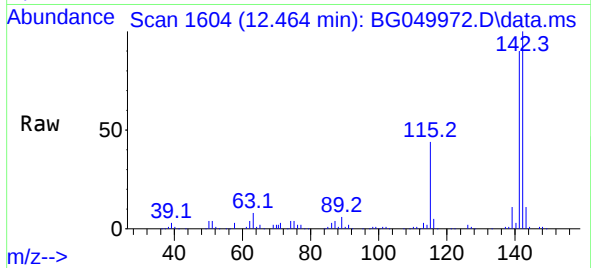
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#37
2-Methylnaphthalene
Concen: 43.492 ng
RT: 12.464 min Scan# 1604
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

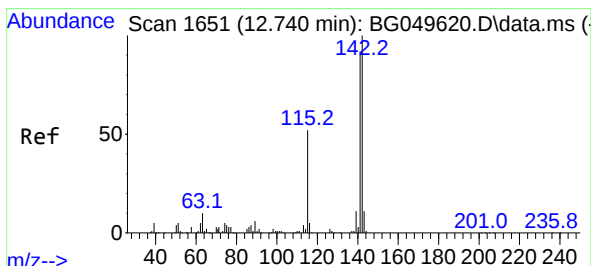
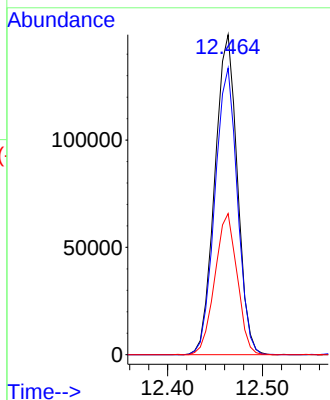
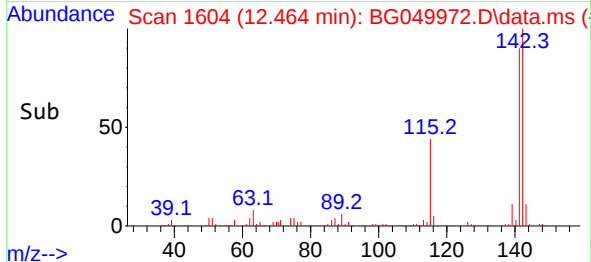
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



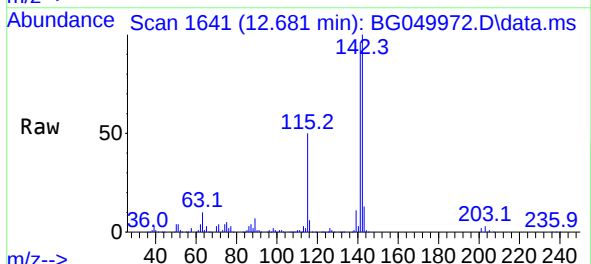
Tgt Ion:142 Resp: 246297
Ion Ratio Lower Upper
142 100
141 89.5 68.8 103.2
115 44.1 36.4 54.6

Manual Integrations
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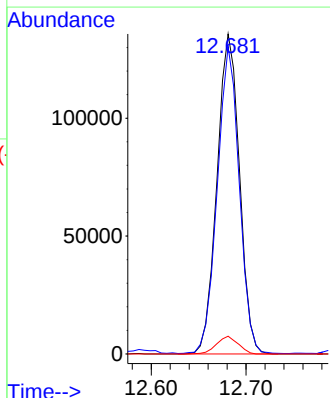
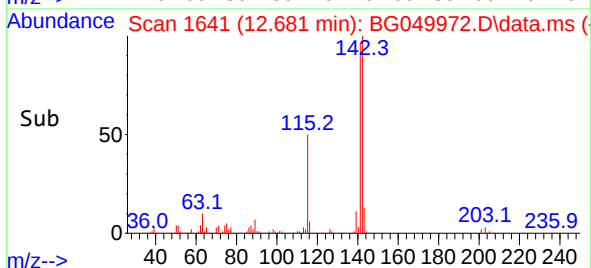
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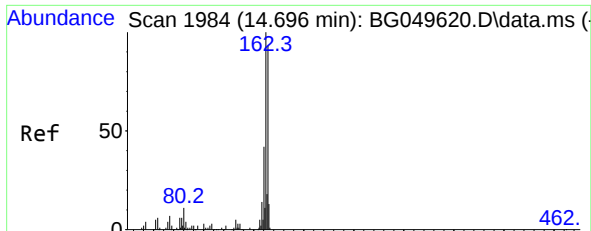


#38
1-Methylnaphthalene
Concen: 42.003 ng
RT: 12.681 min Scan# 1641
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



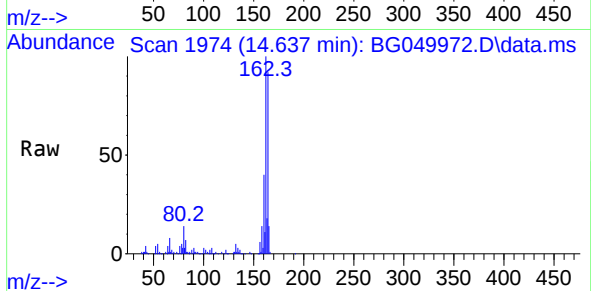
Tgt Ion:142 Resp: 223553
Ion Ratio Lower Upper
142 100
141 96.1 70.6 106.0
116 5.5 4.0 6.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.637 min Scan# 1974
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

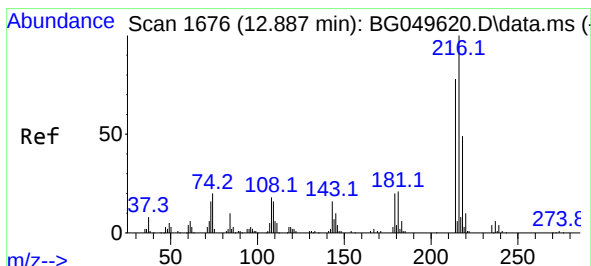
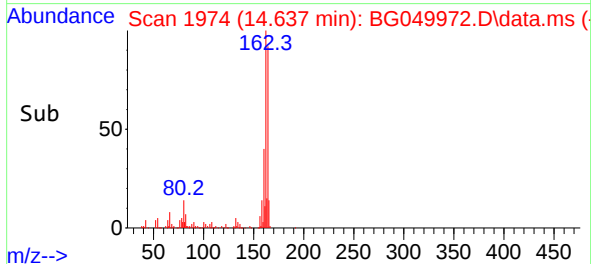
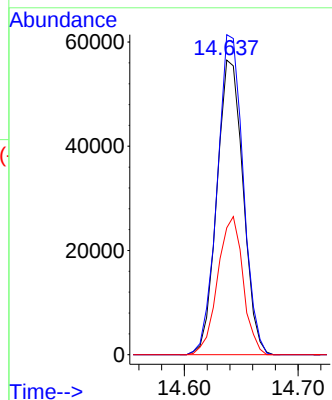
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



Tgt Ion:164 Resp: 90611
Ion Ratio Lower Upper
164 100
162 108.6 81.4 122.0
160 43.1 34.9 52.3

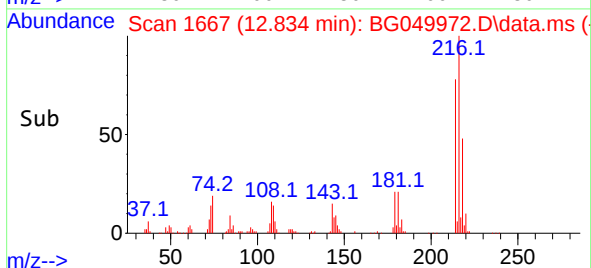
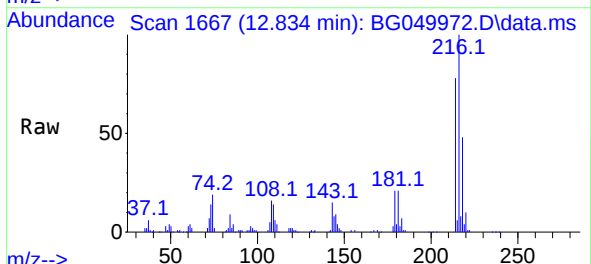
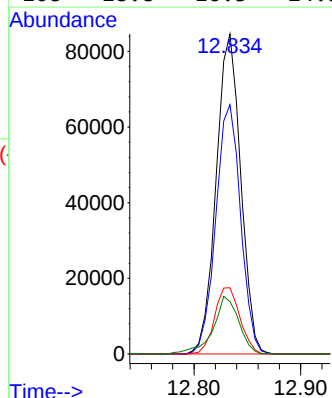
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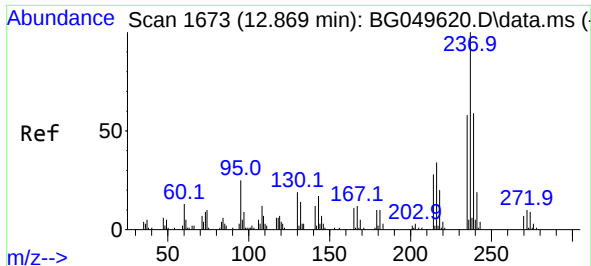
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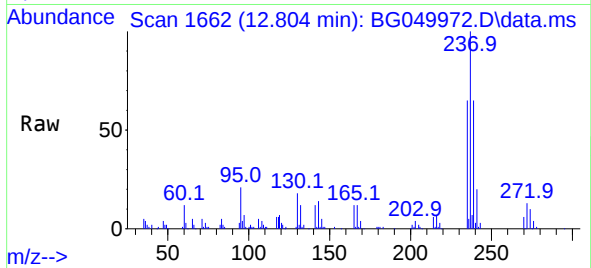
#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.642 ng
RT: 12.834 min Scan# 1667
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

Tgt Ion:216 Resp: 135207
Ion Ratio Lower Upper
216 100
214 78.7 61.4 92.2
179 21.4 17.3 25.9
108 18.8 16.3 24.5





#41
Hexachlorocyclopentadiene
Concen: 47.191 ng
RT: 12.804 min Scan# 1662
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

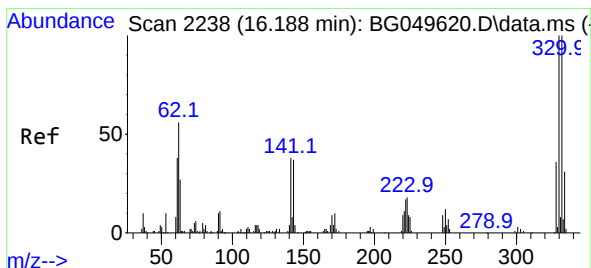
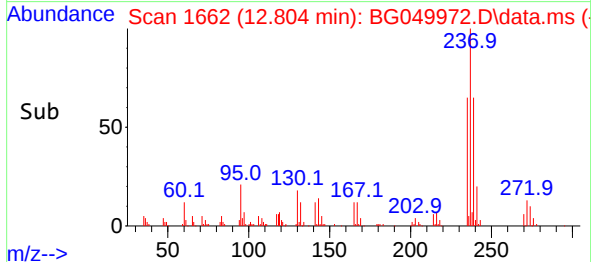
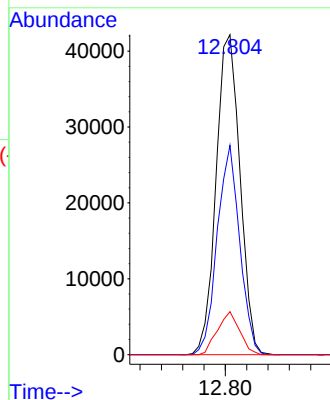


Tgt Ion:237 Resp: 65637
Ion Ratio Lower Upper
237 100
235 65.4 36.6 76.6
272 13.5 0.0 32.5

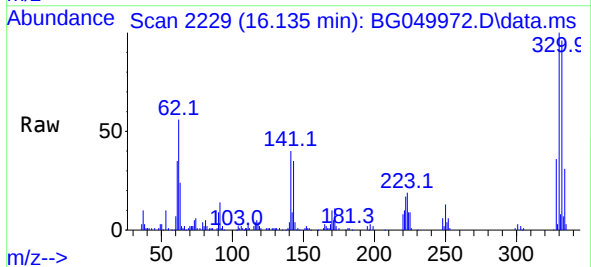
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD

Manual Integrations
APPROVED

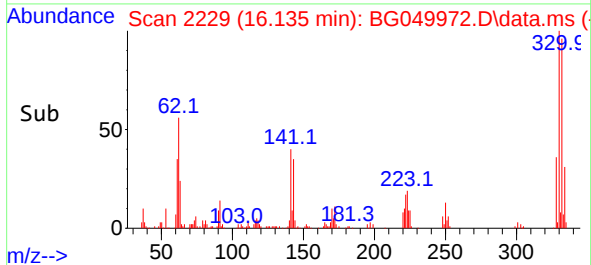
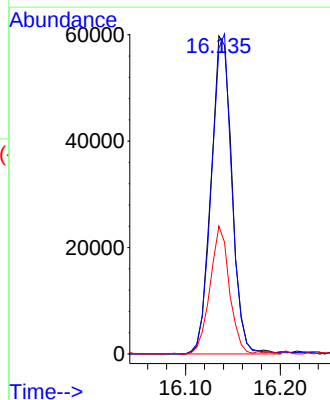
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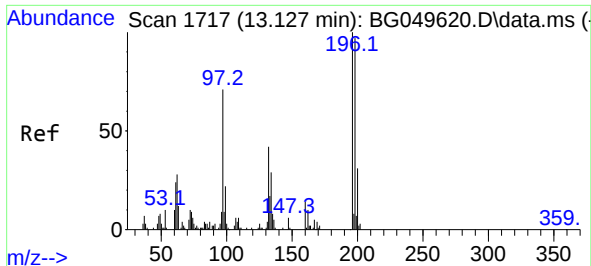


#42
2,4,6-Tribromophenol
Concen: 68.771 ng
RT: 16.135 min Scan# 2229
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



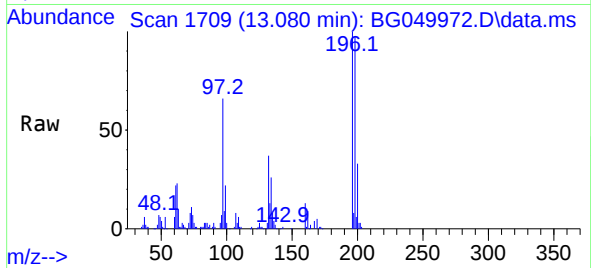
Tgt Ion:330 Resp: 91594
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 37.1 35.6 53.4





#43
2,4,6-Trichlorophenol
Concen: 48.910 ng
RT: 13.080 min Scan# 1709
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

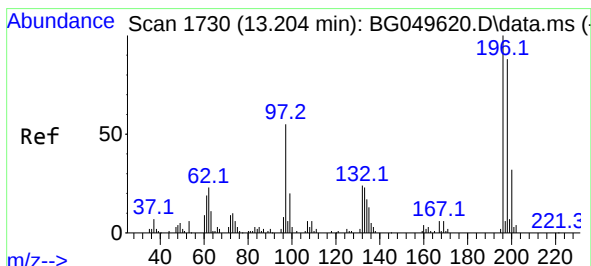
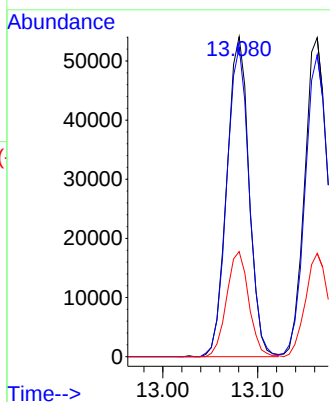
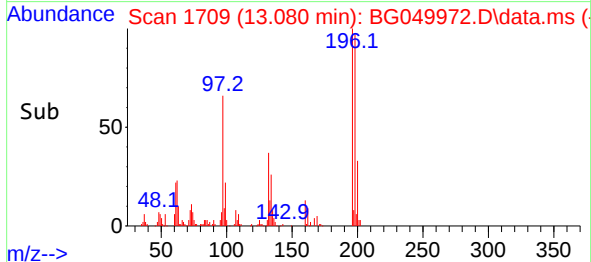
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



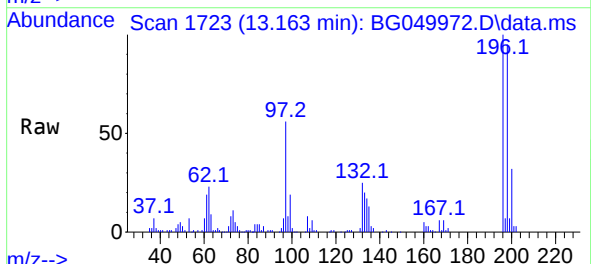
Tgt Ion:196 Resp: 88033
Ion Ratio Lower Upper
196 100
198 96.7 82.1 123.1
200 32.8 23.8 35.8

Manual Integrations
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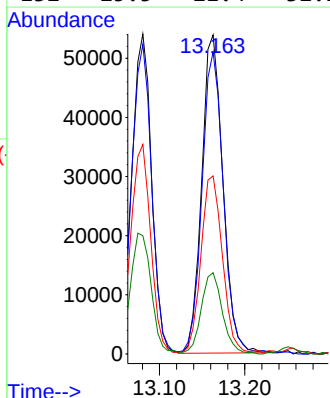
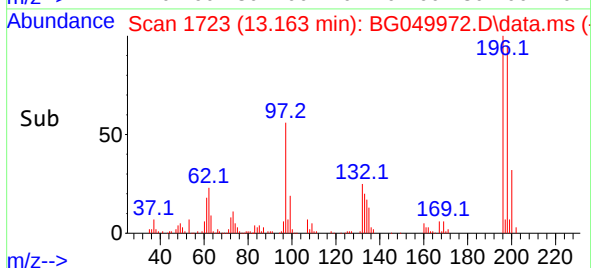
mohammad
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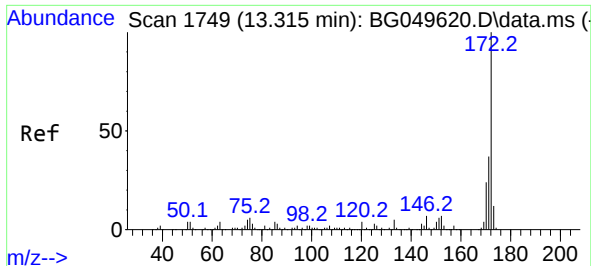


#44
2,4,5-Trichlorophenol
Concen: 47.669 ng
RT: 13.163 min Scan# 1723
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



Tgt Ion:196 Resp: 93082
Ion Ratio Lower Upper
196 100
198 94.6 87.4 131.0
97 55.8 43.3 64.9
132 25.5 21.4 32.2





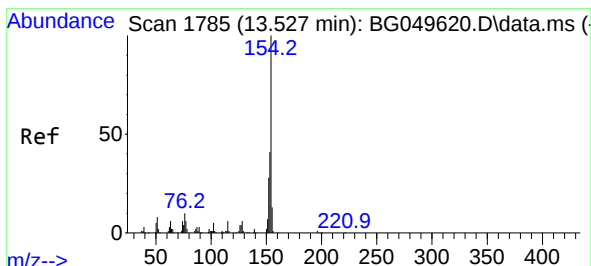
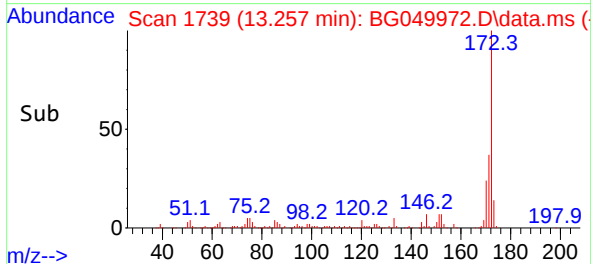
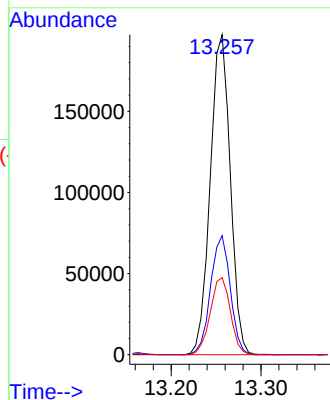
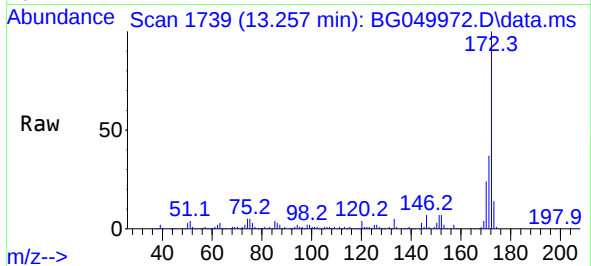
#45
2-Fluorobiphenyl
Concen: 49.087 ng
RT: 13.257 min Scan# 1739
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

Tgt Ion:172 Resp: 305675
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 24.1 18.6 27.8

Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD

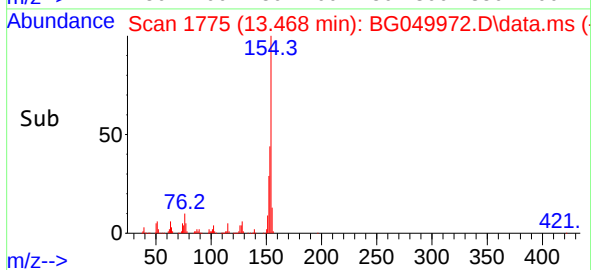
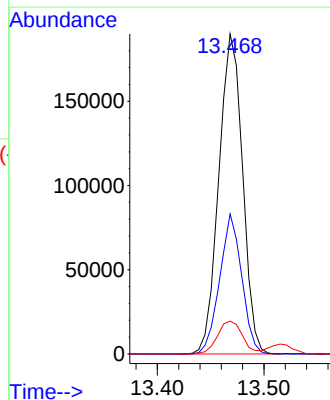
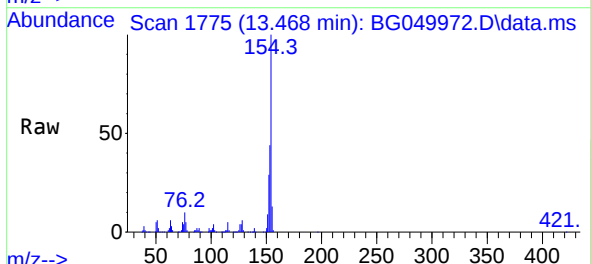
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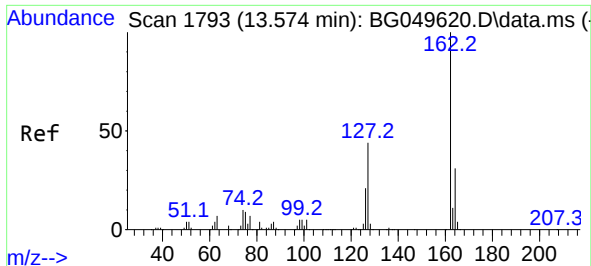
mohammad
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#46
1,1'-Biphenyl
Concen: 45.425 ng
RT: 13.468 min Scan# 1775
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

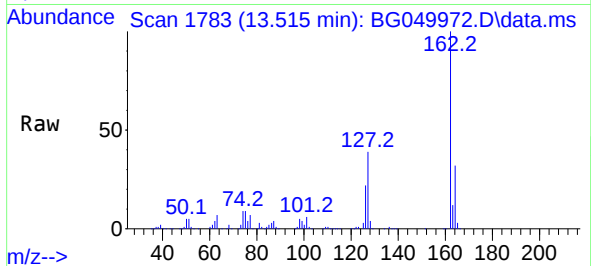
Tgt Ion:154 Resp: 293154
Ion Ratio Lower Upper
154 100
153 43.8 20.5 60.5
76 10.3 0.0 29.3





#47
2-Chloronaphthalene
Concen: 47.763 ng
RT: 13.515 min Scan# 1783
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

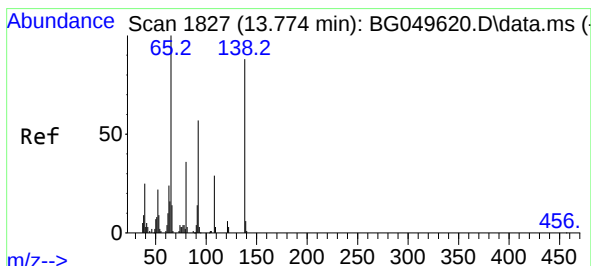
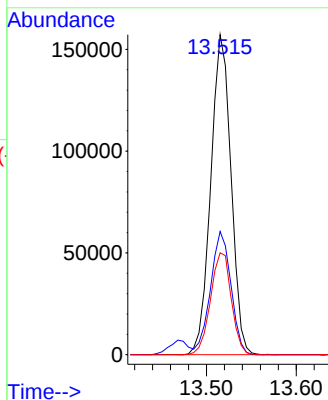
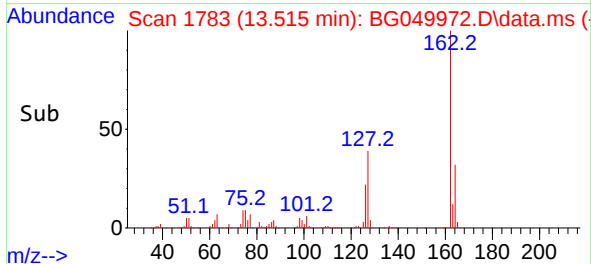
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



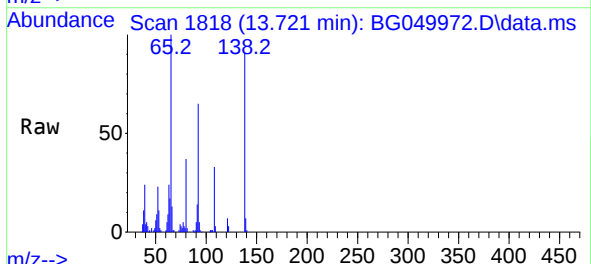
Tgt Ion:162 Resp: 246199
Ion Ratio Lower Upper
162 100
127 38.5 32.7 49.1
164 31.9 27.0 40.4

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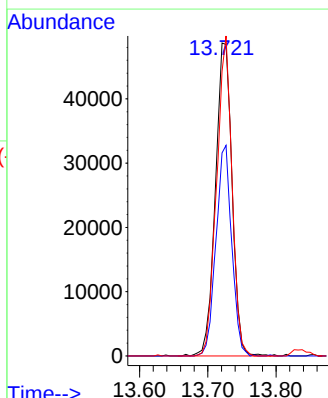
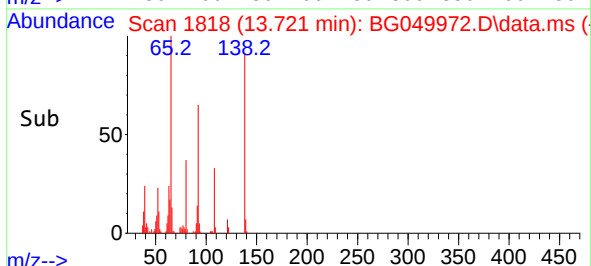
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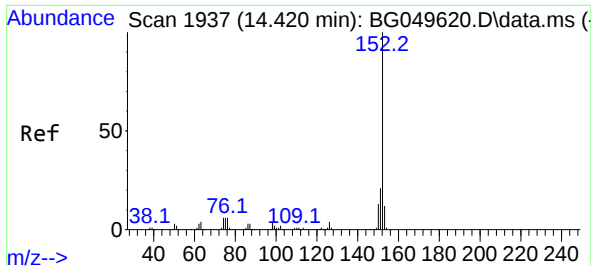


#48
2-Nitroaniline
Concen: 43.616 ng
RT: 13.721 min Scan# 1818
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



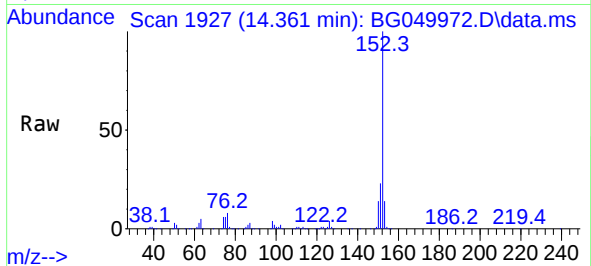
Tgt Ion: 65 Resp: 82553
Ion Ratio Lower Upper
65 100
92 64.9 47.2 70.8
138 90.9 68.0 102.0





#49
Acenaphthylene
Concen: 45.173 ng
RT: 14.361 min Scan# 1927
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

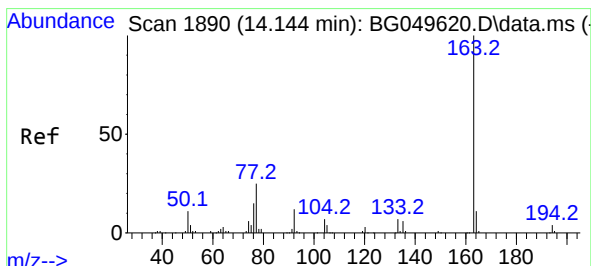
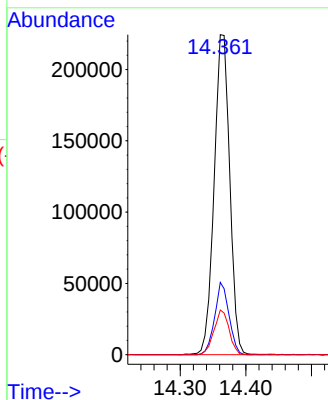
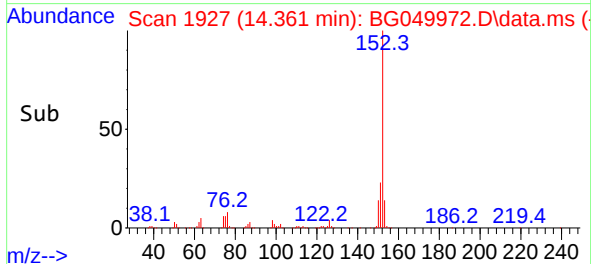
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



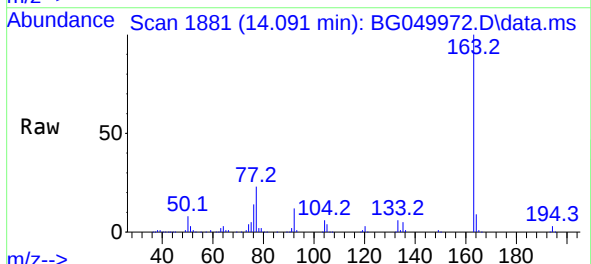
Tgt Ion:152 Resp: 369050
Ion Ratio Lower Upper
152 100
151 22.6 18.2 27.4
153 14.0 11.7 17.5

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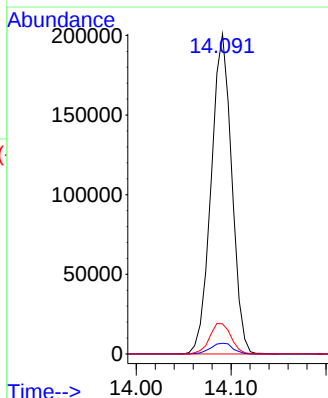
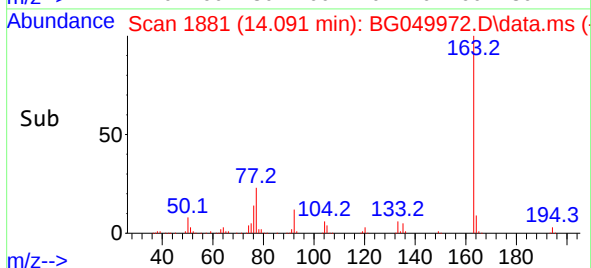
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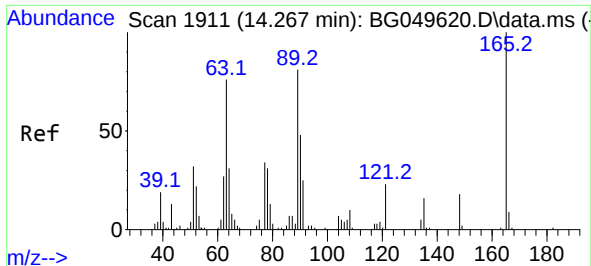


#50
Dimethylphthalate
Concen: 44.271 ng
RT: 14.091 min Scan# 1881
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

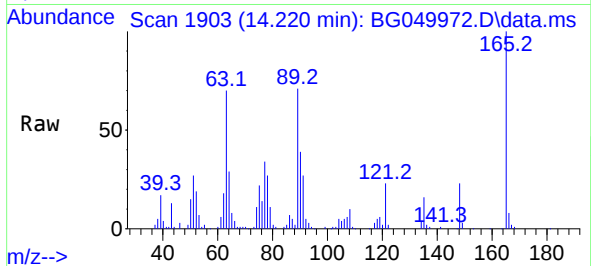


Tgt Ion:163 Resp: 302654
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.6
164 9.4 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 42.112 ng
RT: 14.220 min Scan# 1903
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

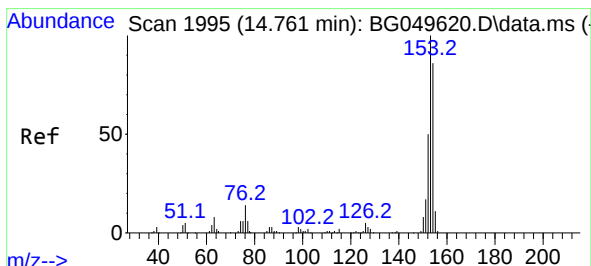
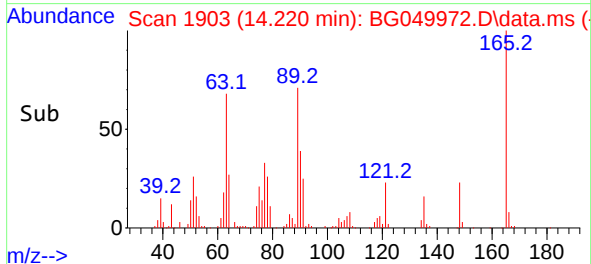
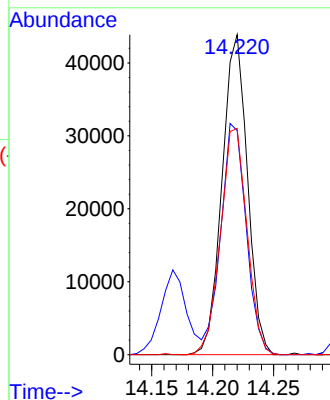


Tgt Ion:165 Resp: 63387
Ion Ratio Lower Upper
165 100
63 70.0 63.3 94.9
89 70.7 63.4 95.0

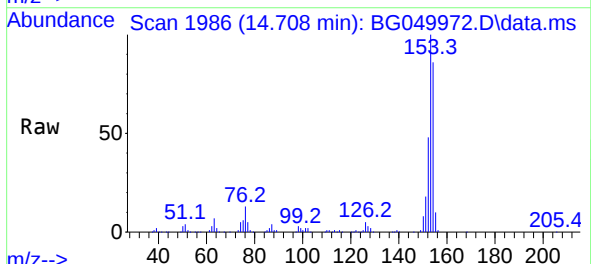
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD

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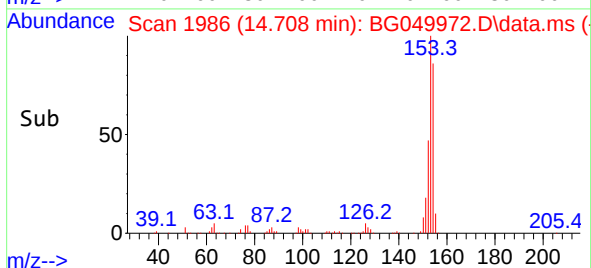
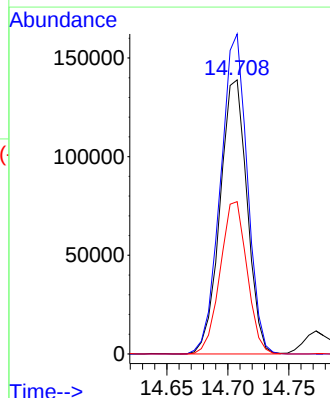
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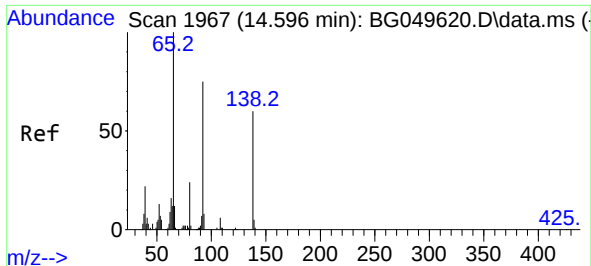


#52
Acenaphthene
Concen: 43.533 ng
RT: 14.708 min Scan# 1986
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



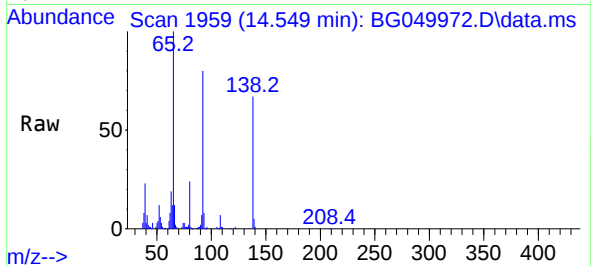
Tgt Ion:154 Resp: 214244
Ion Ratio Lower Upper
154 100
153 116.7 87.0 130.4
152 55.6 40.1 60.1





#53
3-Nitroaniline
Concen: 35.329 ng
RT: 14.549 min Scan# 1959
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

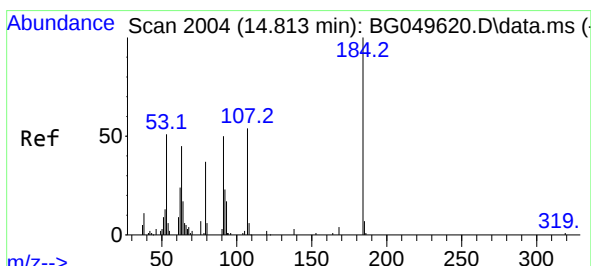
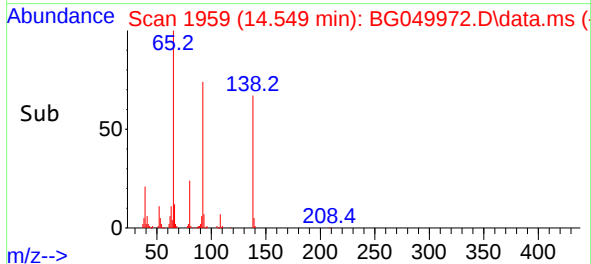
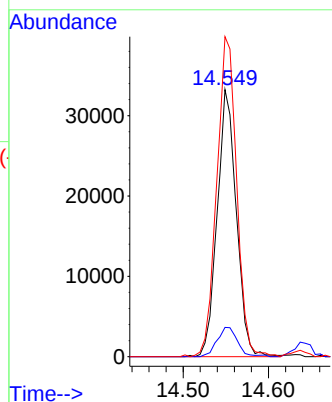
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



Tgt Ion:138 Resp: 51859
Ion Ratio Lower Upper
138 100
108 11.0 8.3 12.5
92 119.9 96.4 144.6

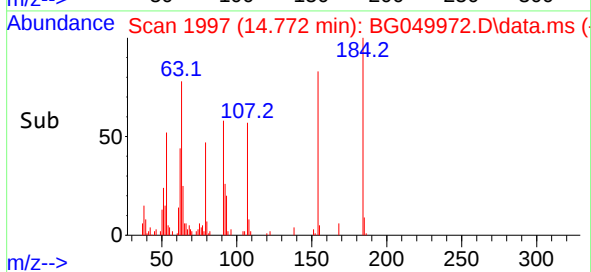
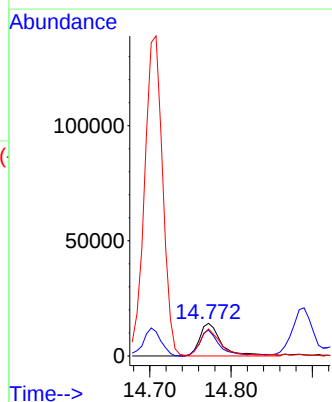
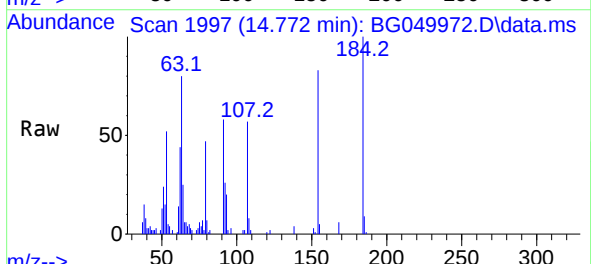
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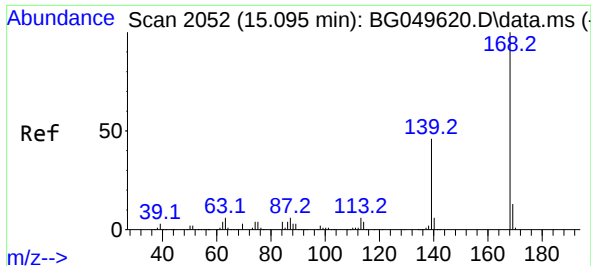
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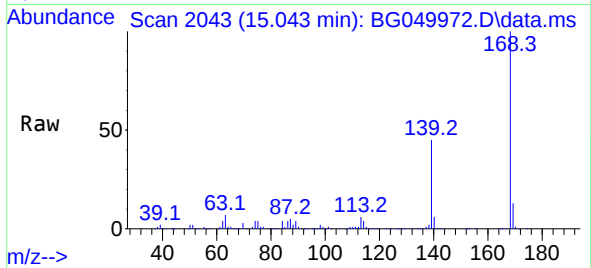
#54
2,4-Dinitrophenol
Concen: 30.358 ng
RT: 14.772 min Scan# 1997
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

Tgt Ion:184 Resp: 25942
Ion Ratio Lower Upper
184 100
63 79.8 68.3 102.5
154 82.8 62.6 93.8

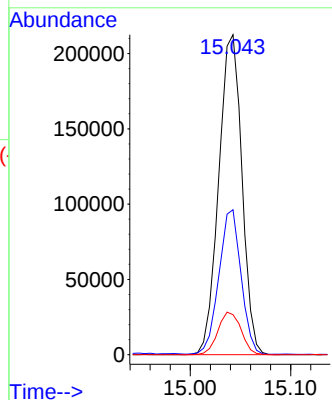
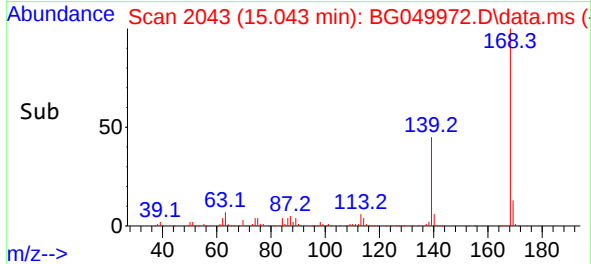




#55
Dibenzofuran
Concen: 42.625 ng
RT: 15.043 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



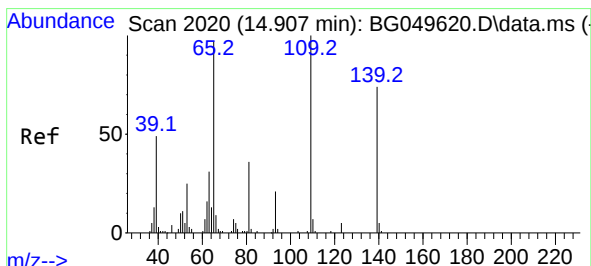
Tgt Ion:168 Resp: 340310
Ion Ratio Lower Upper
168 100
139 45.3 33.4 50.2
169 12.5 12.3 18.5



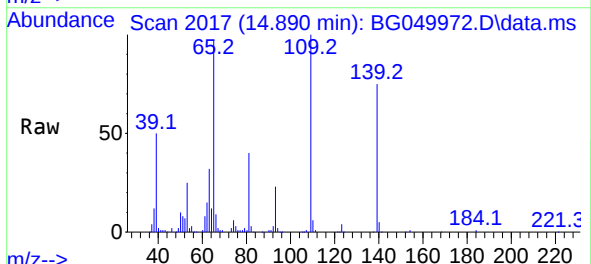
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD

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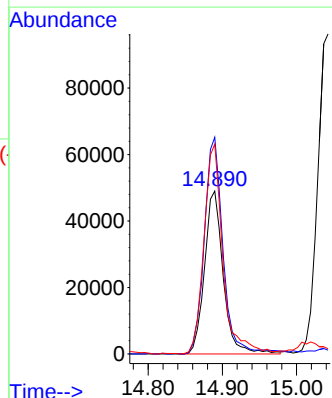
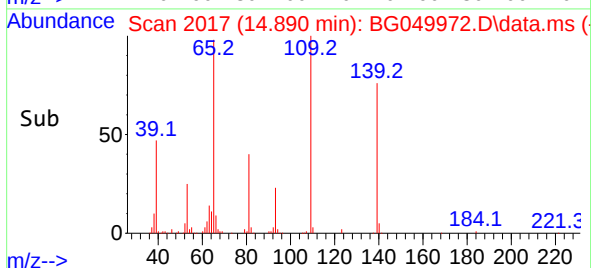
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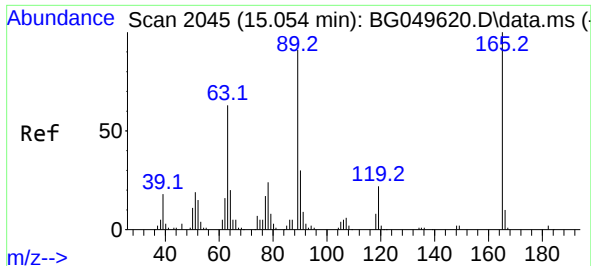


#56
4-Nitrophenol
Concen: 80.026 ng
RT: 14.890 min Scan# 2017
Delta R.T. 0.001 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

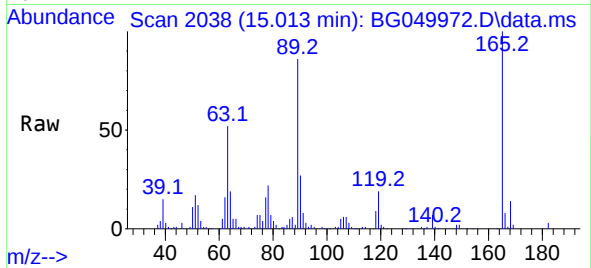


Tgt Ion:139 Resp: 85819
Ion Ratio Lower Upper
139 100
109 133.0 116.3 156.3
65 128.8 105.0 145.0

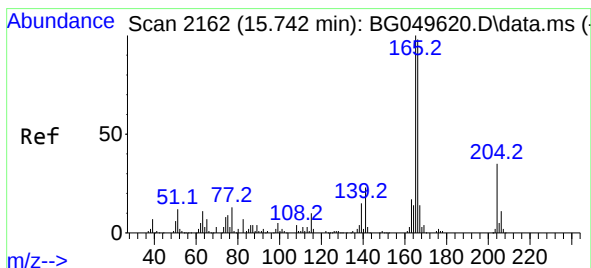
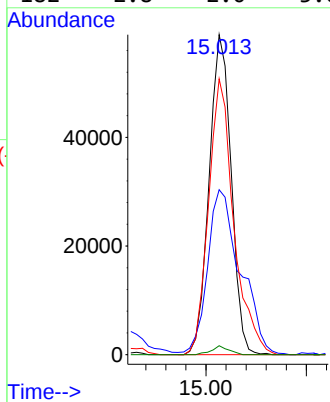
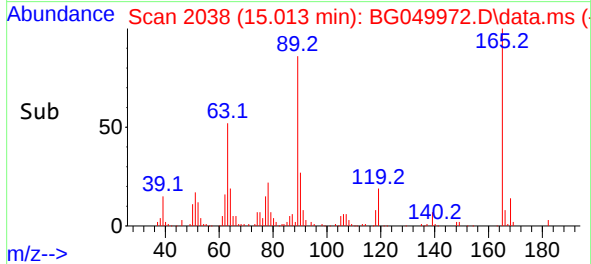




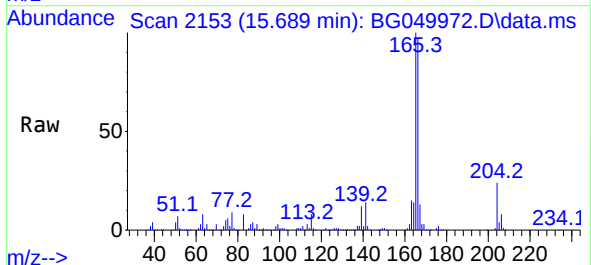
#57
2,4-Dinitrotoluene
Concen: 42.467 ng
RT: 15.013 min Scan# 2038
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



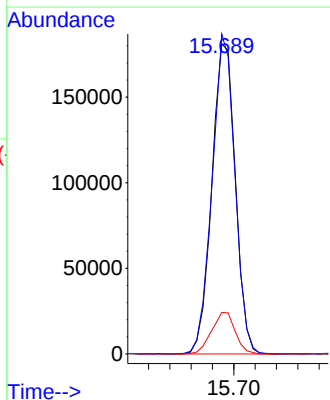
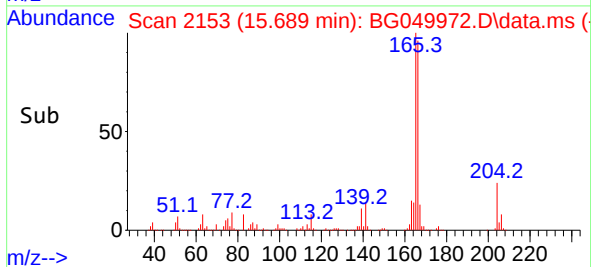
Tgt Ion:165 Resp: 89779
Ion Ratio Lower Upper
165 100
63 51.5 48.0 72.0
89 86.2 65.4 98.0
182 2.8 2.0 3.0



#58
Fluorene
Concen: 42.627 ng
RT: 15.689 min Scan# 2153
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



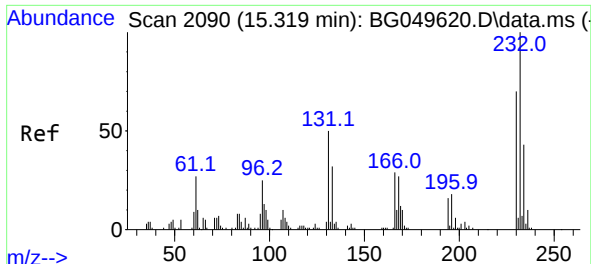
Tgt Ion:166 Resp: 276612
Ion Ratio Lower Upper
166 100
165 103.2 77.7 116.5
167 13.4 10.8 16.2



Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD

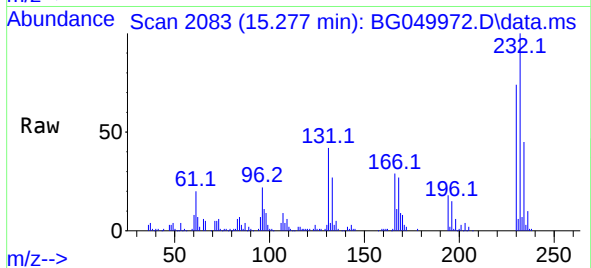
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#59
2,3,4,6-Tetrachlorophenol
Concen: 41.294 ng
RT: 15.277 min Scan# 2083
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

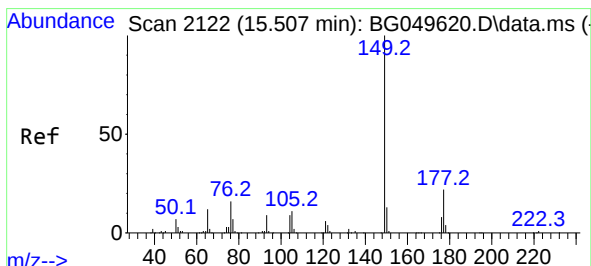
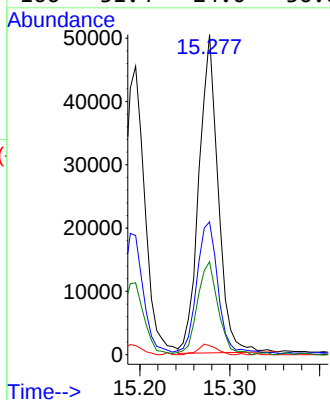
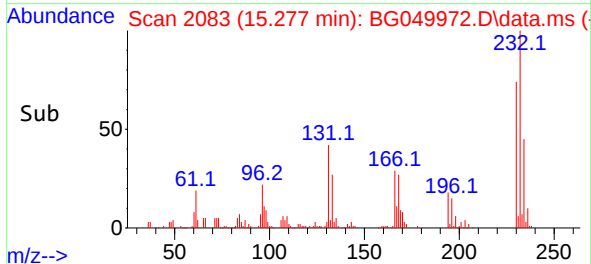
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



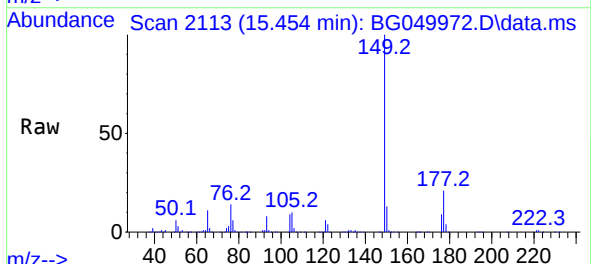
Tgt Ion:232 Resp: 74890
Ion Ratio Lower Upper
232 100
131 46.1 37.2 55.8
130 3.1 2.8 4.2
166 31.4 24.0 36.0

Manual Integrations
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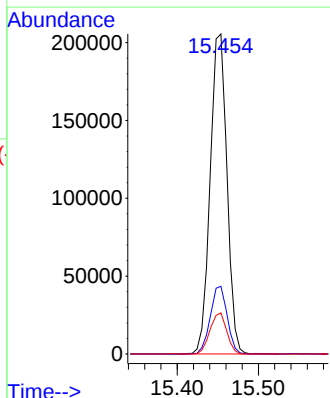
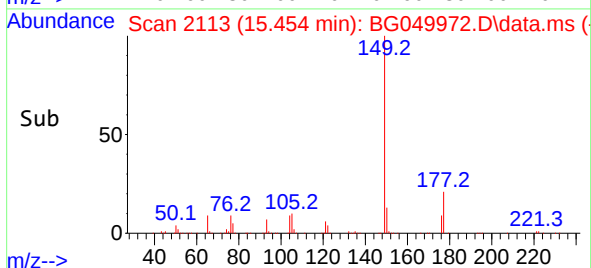
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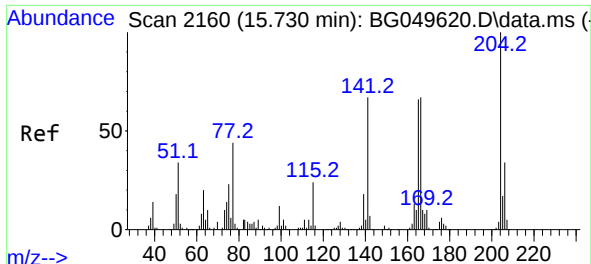


#60
Diethylphthalate
Concen: 42.930 ng
RT: 15.454 min Scan# 2113
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



Tgt Ion:149 Resp: 295178
Ion Ratio Lower Upper
149 100
177 21.2 19.0 28.6
150 12.9 10.2 15.4





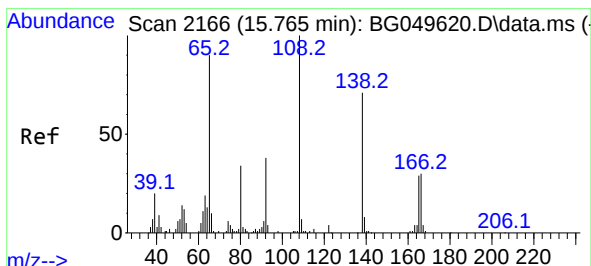
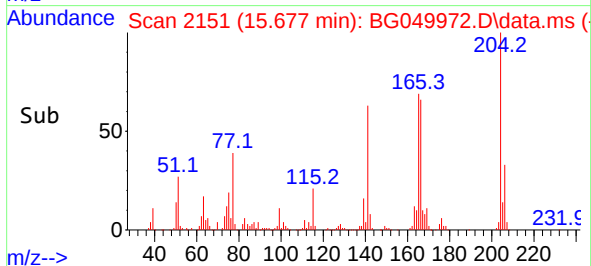
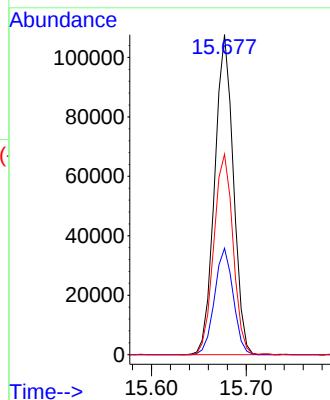
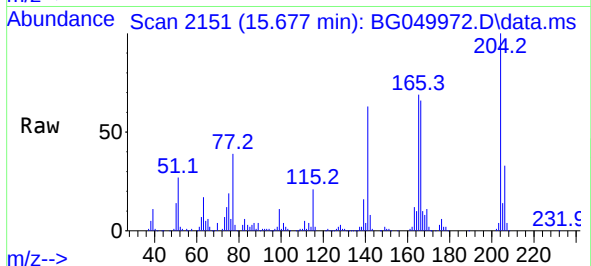
#61
4-Chlorophenyl-phenylether
Concen: 42.654 ng
RT: 15.677 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

Tgt Ion:204 Resp: 147733
Ion Ratio Lower Upper
204 100
206 33.3 24.6 37.0
141 62.6 47.8 71.8

Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD

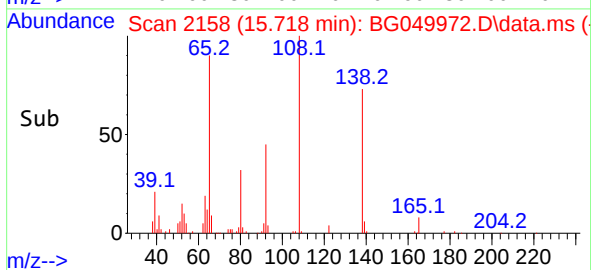
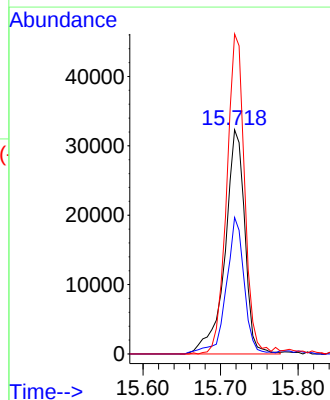
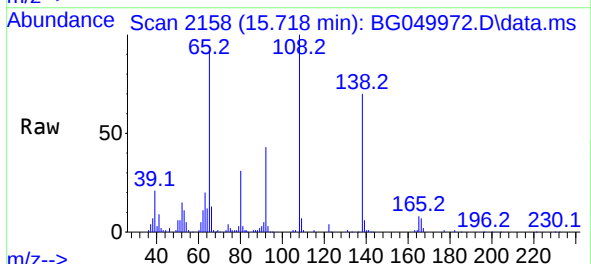
Manual Integrations
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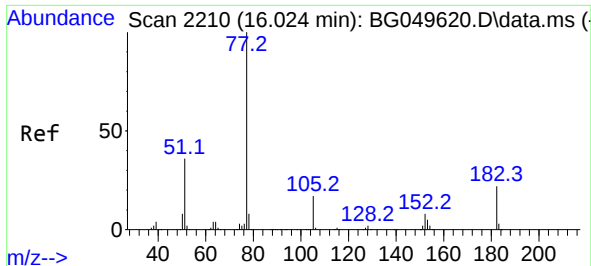
mohammad
8/26/2021 11:38:45 AM



#62
4-Nitroaniline
Concen: 37.998 ng
RT: 15.718 min Scan# 2158
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

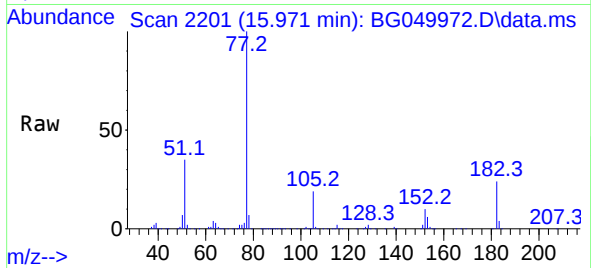
Tgt Ion:138 Resp: 57375
Ion Ratio Lower Upper
138 100
92 60.9 32.3 72.3
108 142.8 132.4 172.4





#63
Azobenzene
Concen: 38.785 ng
RT: 15.971 min Scan# 2201
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

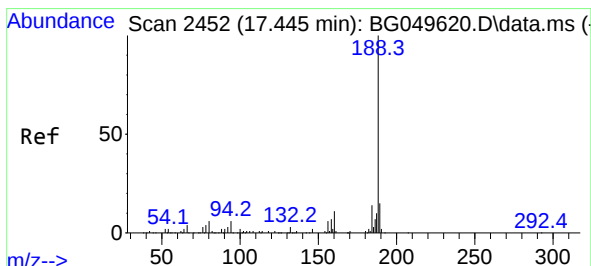
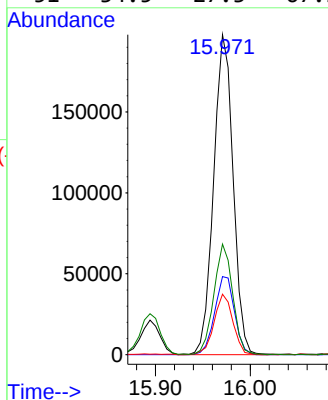
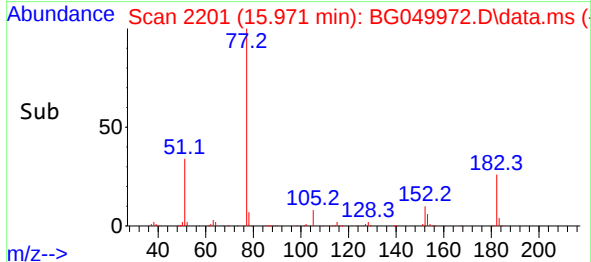
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



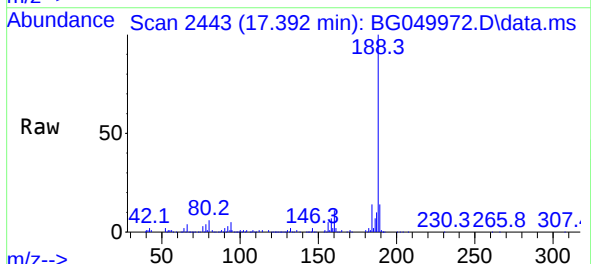
Tgt Ion: 77 Resp: 282258
Ion Ratio Lower Upper
77 100
182 24.4 7.9 47.9
105 18.9 0.0 37.9
51 34.5 27.3 67.3

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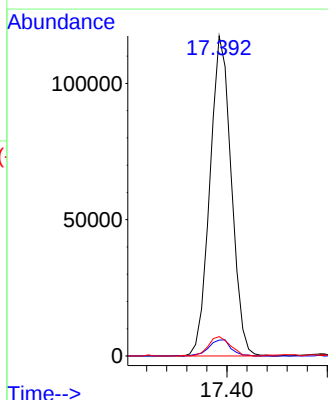
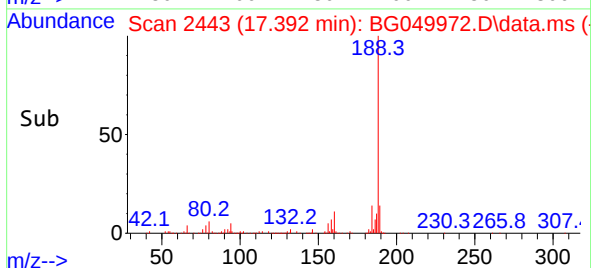
mohammad
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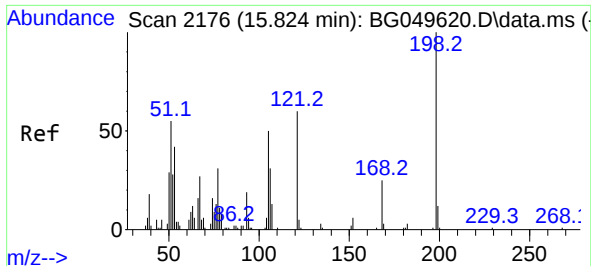


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.392 min Scan# 2443
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



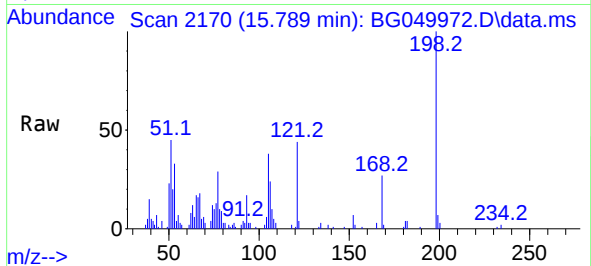
Tgt Ion: 188 Resp: 173897
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 6.0 3.7 5.5#





#65
4,6-Dinitro-2-methylphenol
Concen: 17.651 ng
RT: 15.789 min Scan# 2170
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

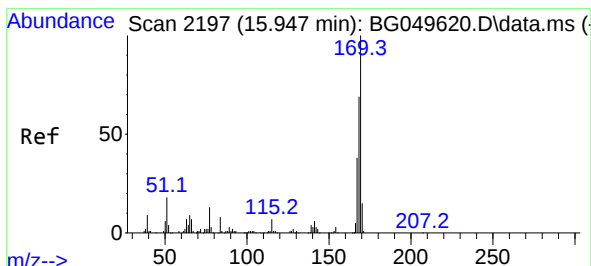
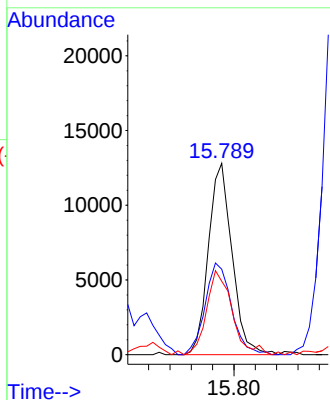
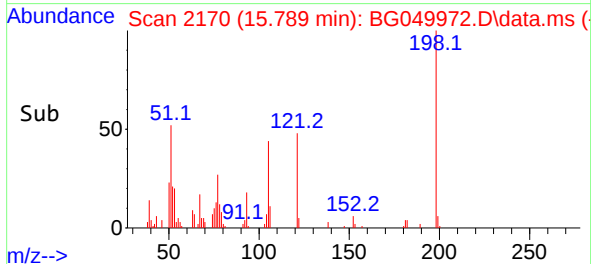
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



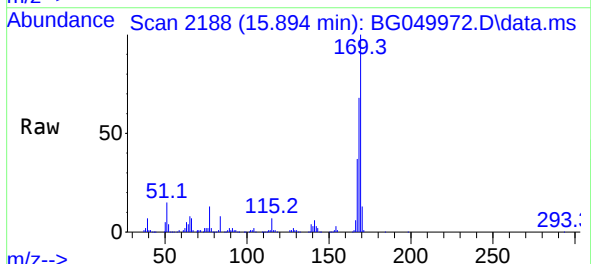
Tgt Ion:198 Resp: 19730
Ion Ratio Lower Upper
198 100
51 44.6 29.4 69.4
105 38.4 15.1 55.1

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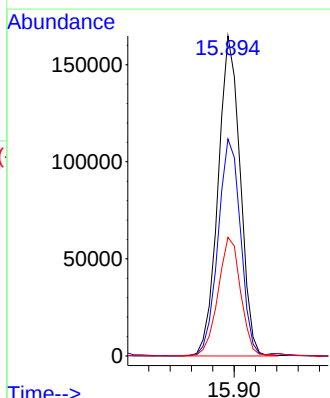
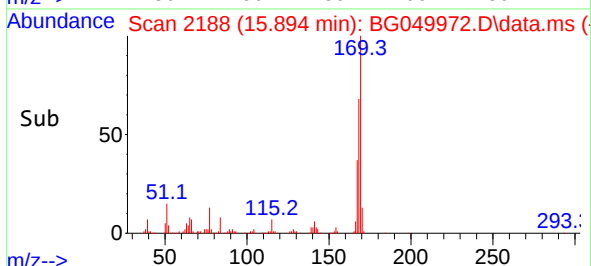
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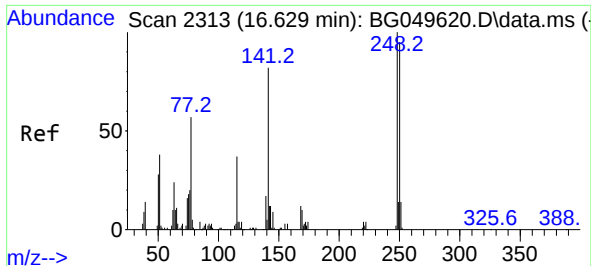


#66
n-Nitrosodiphenylamine
Concen: 48.219 ng
RT: 15.894 min Scan# 2188
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



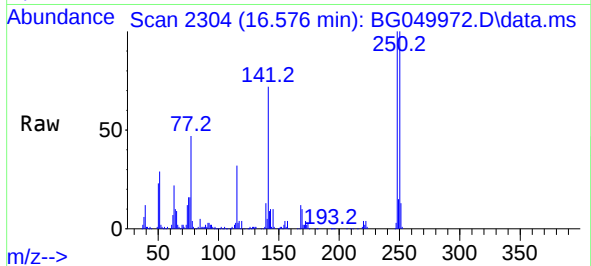
Tgt Ion:169 Resp: 236926
Ion Ratio Lower Upper
169 100
168 67.8 56.3 84.5
167 37.1 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 47.104 ng
RT: 16.576 min Scan# 2304
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

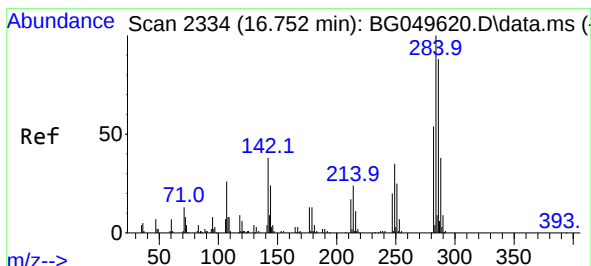
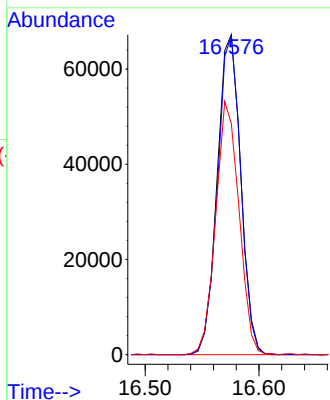
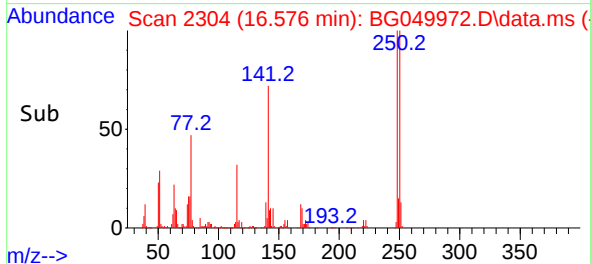
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



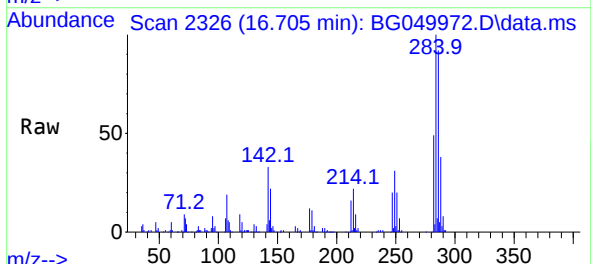
Tgt Ion:248 Resp: 96471
Ion Ratio Lower Upper
248 100
250 99.8 76.1 114.1
141 72.2 65.4 98.2

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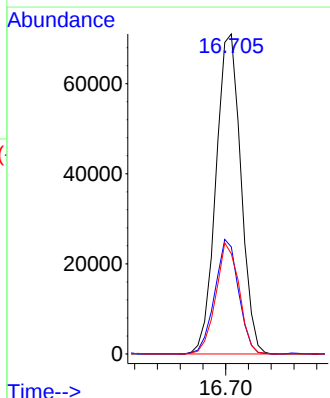
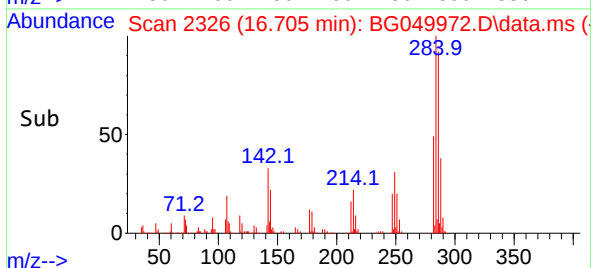
mohammad
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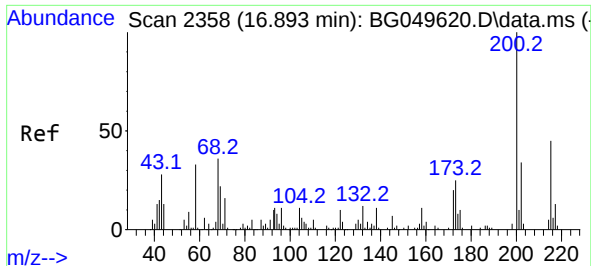


#68
Hexachlorobenzene
Concen: 47.495 ng
RT: 16.705 min Scan# 2326
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



Tgt Ion:284 Resp: 108069
Ion Ratio Lower Upper
284 100
142 33.4 27.0 40.6
249 31.3 28.2 42.2





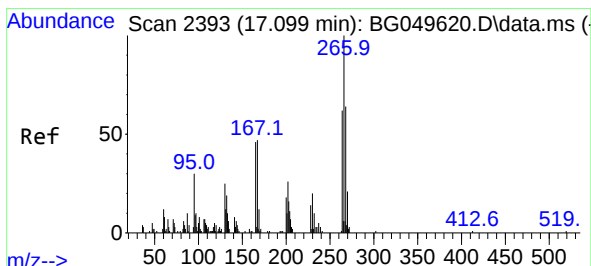
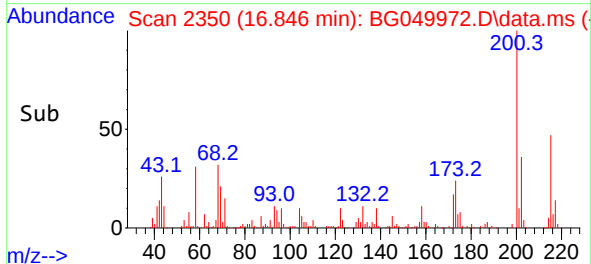
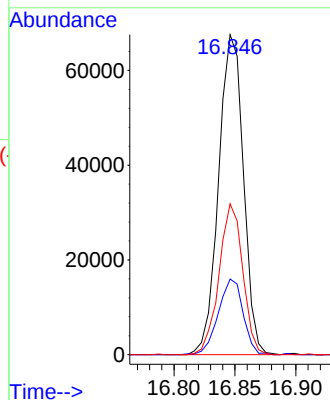
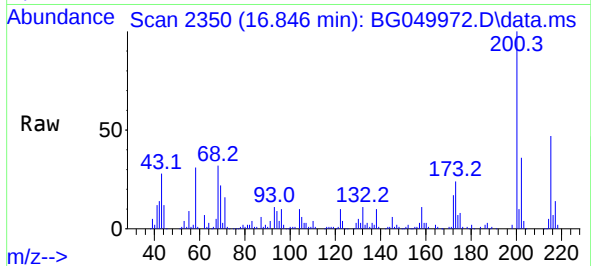
#69
Atrazine
Concen: 48.612 ng
RT: 16.846 min Scan# 2350
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD

Tgt Ion:200 Resp: 95547
Ion Ratio Lower Upper
200 100
173 23.6 3.7 43.7
215 47.1 26.9 66.9

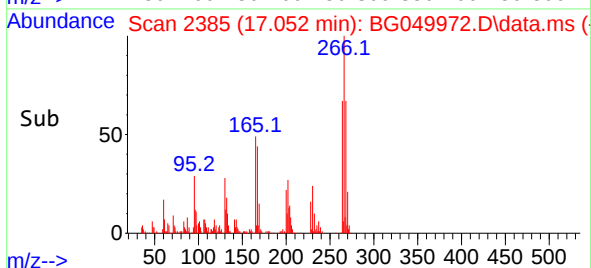
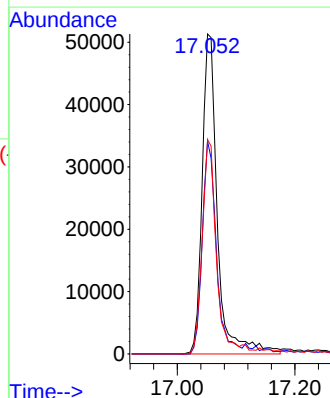
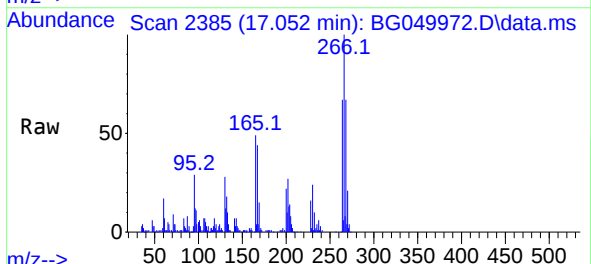
Manual Integrations
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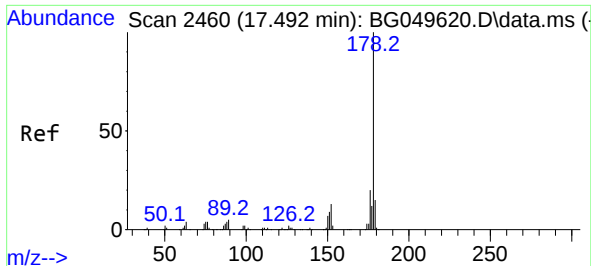
mohammad
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#70
Pentachlorophenol
Concen: 75.736 ng
RT: 17.052 min Scan# 2385
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

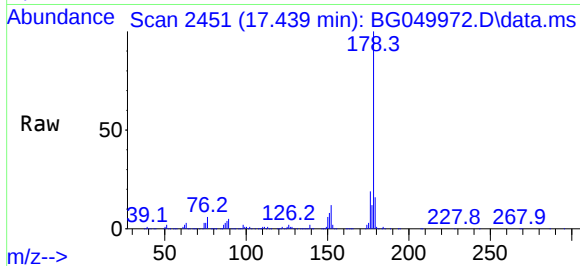
Tgt Ion:266 Resp: 92405
Ion Ratio Lower Upper
266 100
268 66.5 49.0 73.4
264 67.0 49.0 73.6





#71
Phenanthrene
Concen: 46.916 ng
RT: 17.439 min Scan# 2451
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

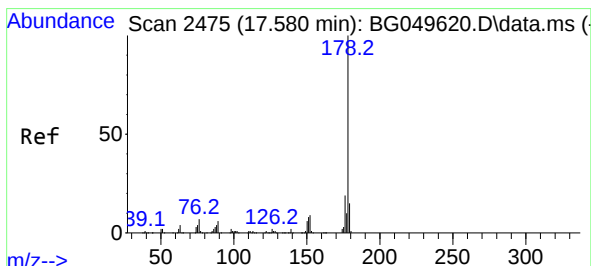
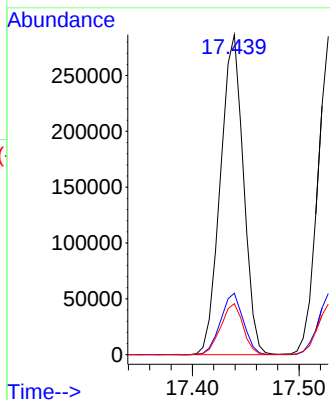
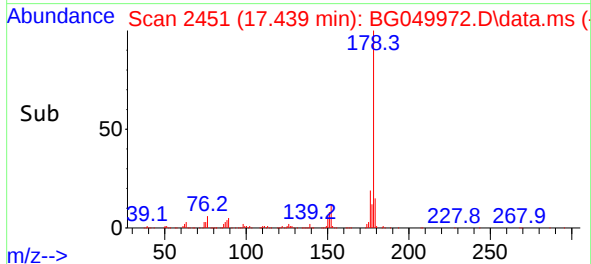
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



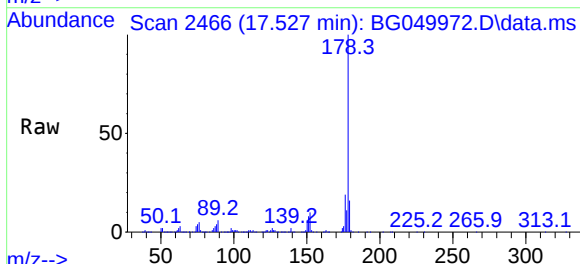
Tgt Ion:178 Resp: 429232
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 16.0 14.2 21.4

Manual Integrations
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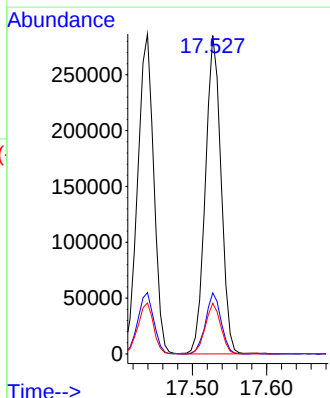
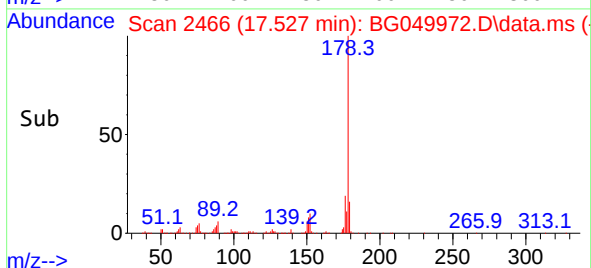
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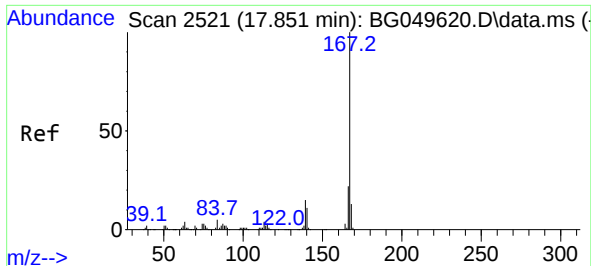


#72
Anthracene
Concen: 46.449 ng
RT: 17.527 min Scan# 2466
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



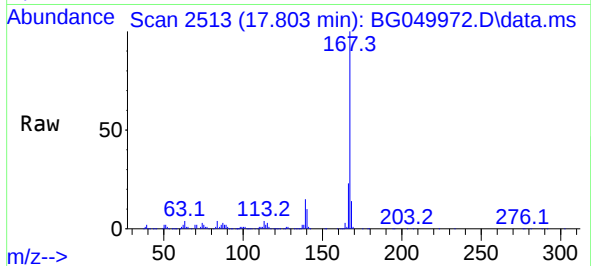
Tgt Ion:178 Resp: 417354
Ion Ratio Lower Upper
178 100
176 19.2 14.6 21.8
179 15.9 13.4 20.0





#73
 Carbazole
 Concen: 41.884 ng
 RT: 17.803 min Scan# 2513
 Delta R.T. -0.004 min
 Lab File: BG049972.D
 Acq: 25 Aug 2021 17:36

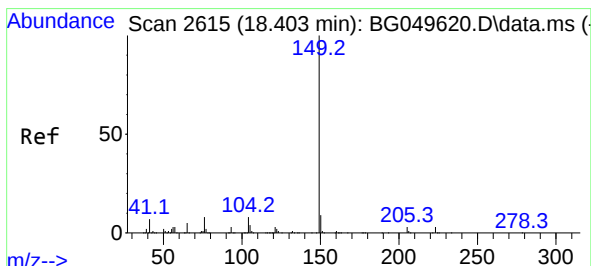
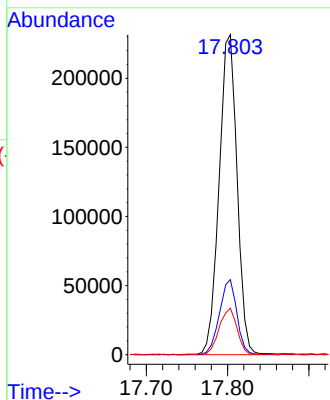
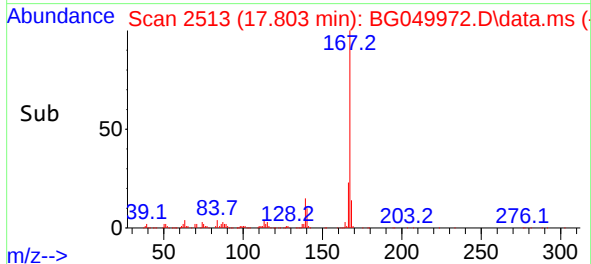
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-0824-21MSD



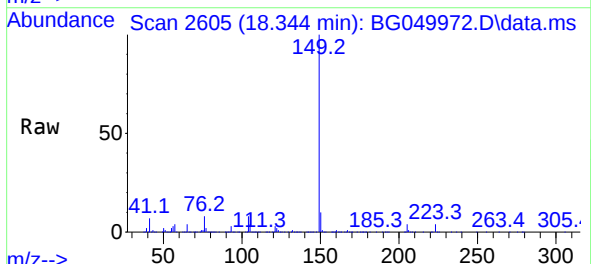
Tgt Ion:167 Resp: 356433
 Ion Ratio Lower Upper
 167 100
 166 23.5 17.4 26.2
 139 14.5 10.7 16.1

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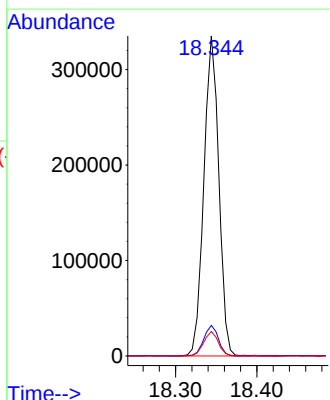
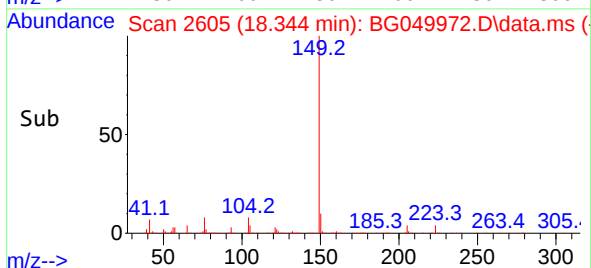
mohammad
 8/26/2021 11:38:45 AM

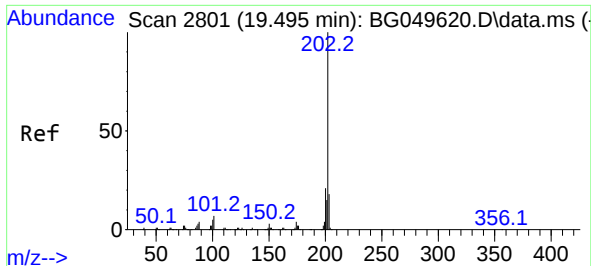


#74
 Di-n-butylphthalate
 Concen: 43.103 ng
 RT: 18.344 min Scan# 2605
 Delta R.T. -0.004 min
 Lab File: BG049972.D
 Acq: 25 Aug 2021 17:36

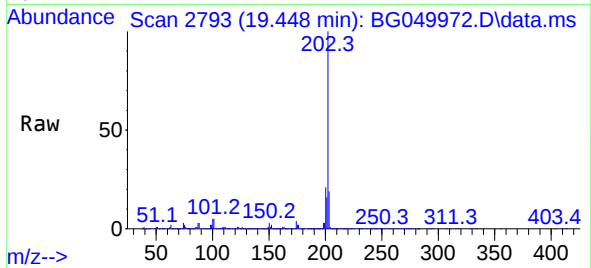


Tgt Ion:149 Resp: 427592
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 7.6 6.6 10.0

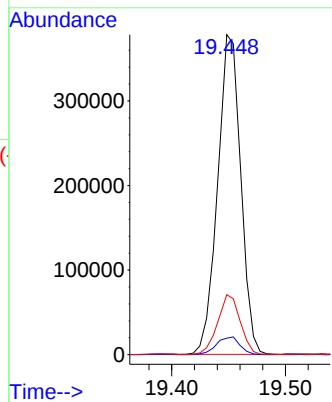
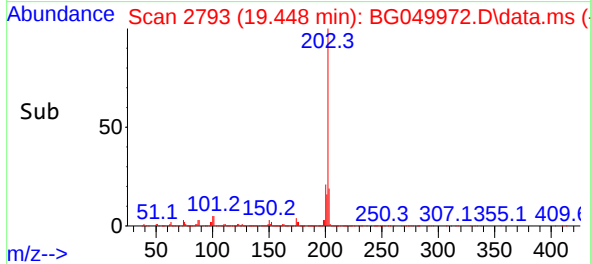




#75
Fluoranthene
Concen: 47.404 ng
RT: 19.448 min Scan# 2793
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



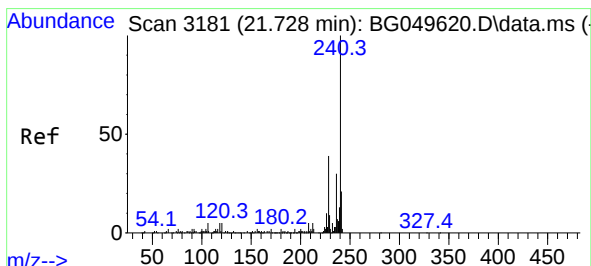
Tgt Ion:202 Resp: 533685
Ion Ratio Lower Upper
202 100
101 5.2 0.0 24.7
203 18.8 0.0 38.5



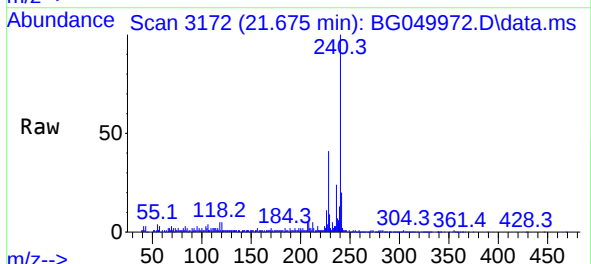
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD

Manual Integrations
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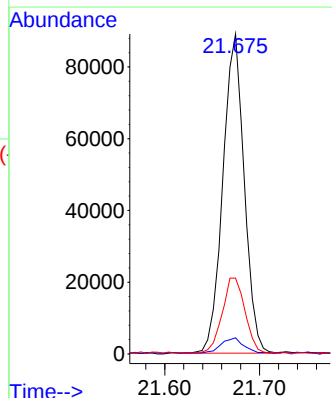
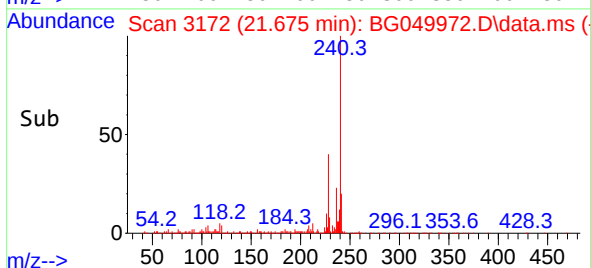
mohammad
8/26/2021 11:38:45 AM

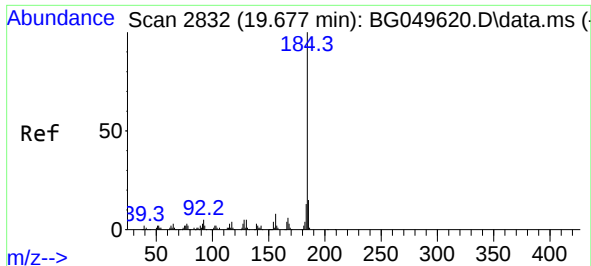


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.675 min Scan# 3172
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

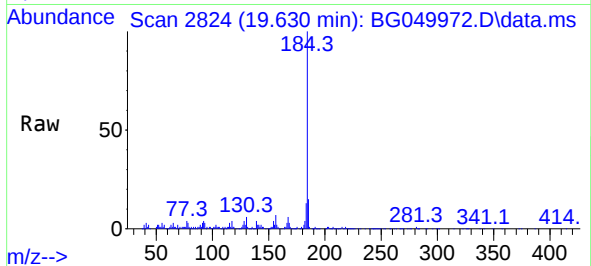


Tgt Ion:240 Resp: 139252
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 23.7 21.8 32.6

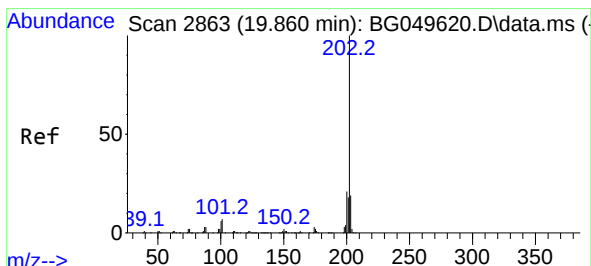
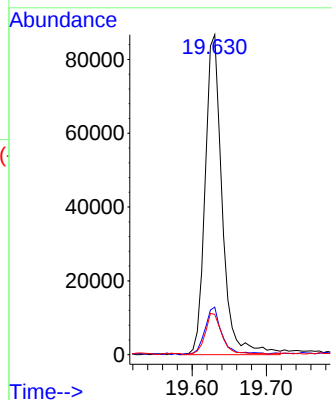
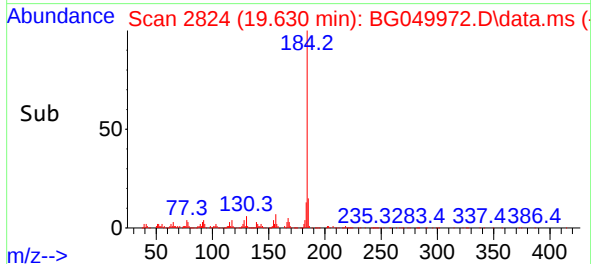




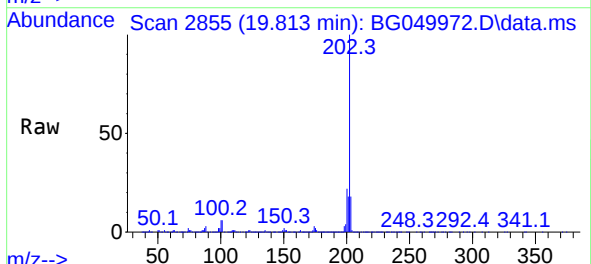
#77
Benzidine
Concen: 38.775 ng
RT: 19.630 min Scan# 2824
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



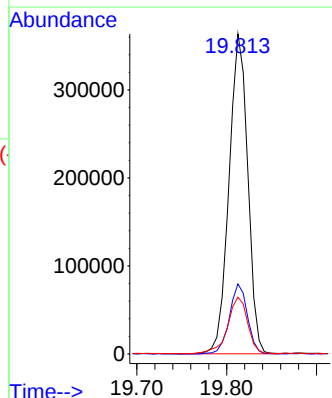
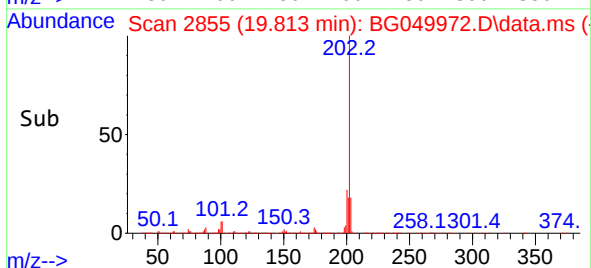
Tgt Ion:184 Resp: 138345
Ion Ratio Lower Upper
184 100
185 14.8 10.7 16.1
183 12.6 9.4 14.0



#78
Pyrene
Concen: 55.403 ng
RT: 19.813 min Scan# 2855
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



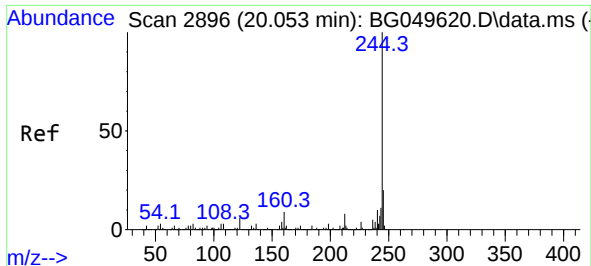
Tgt Ion:202 Resp: 525965
Ion Ratio Lower Upper
202 100
200 21.9 15.8 23.8
203 17.7 14.6 21.8



Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD

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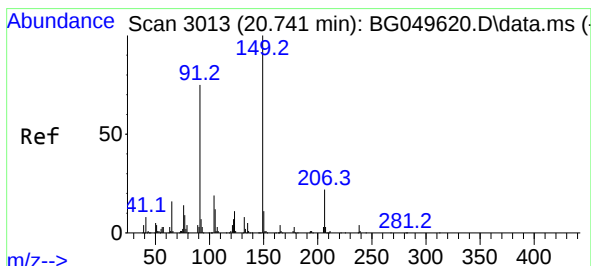
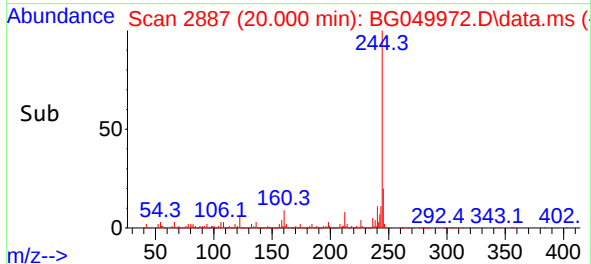
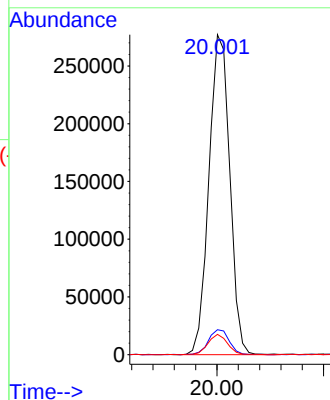
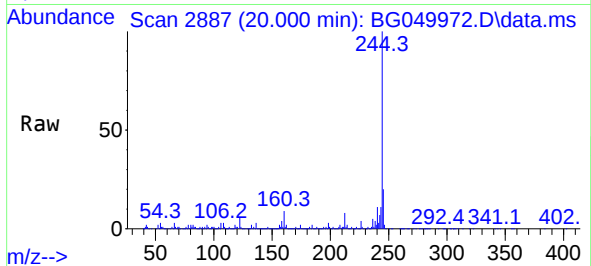
#79
Terphenyl-d14
Concen: 48.970 ng
RT: 20.000 min Scan# 2887
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

Tgt Ion:244 Resp: 375464
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 6.3 5.0 7.6

Instrument :
BNA_G
ClientSampleId :
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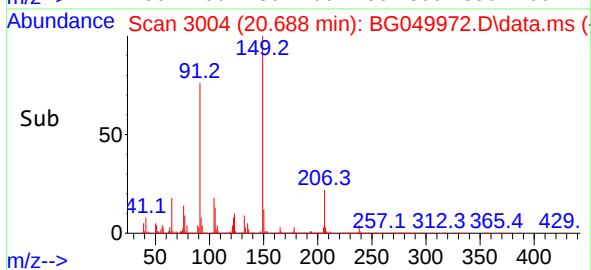
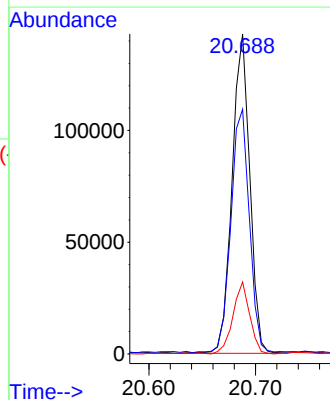
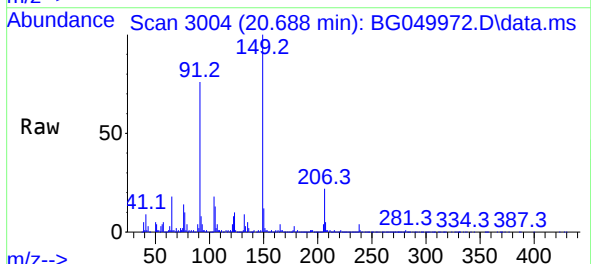
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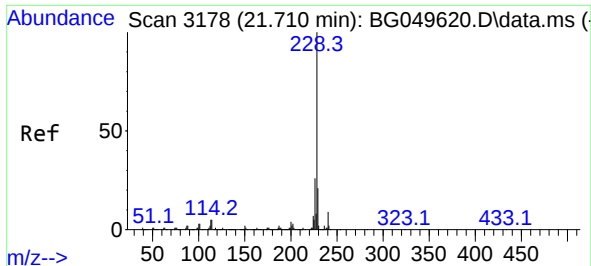
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#80
Butylbenzylphthalate
Concen: 45.626 ng
RT: 20.688 min Scan# 3004
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

Tgt Ion:149 Resp: 164962
Ion Ratio Lower Upper
149 100
91 76.5 63.4 95.2
206 22.5 18.4 27.6





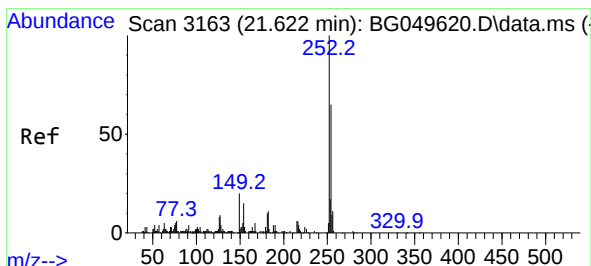
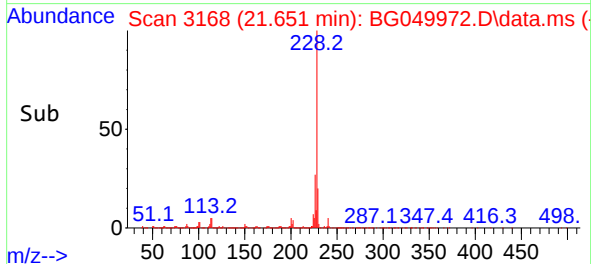
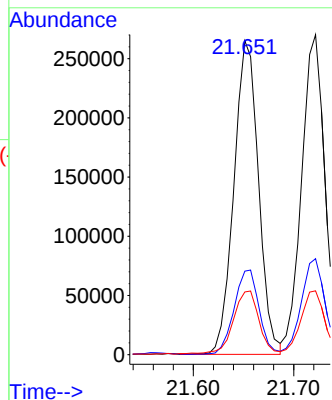
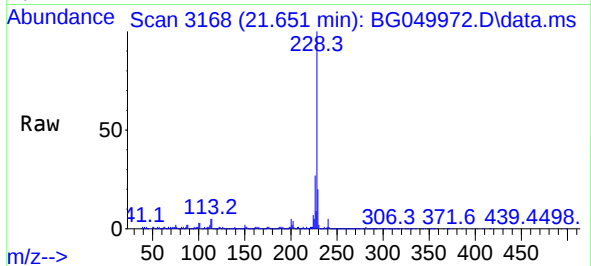
#81
Benzo(a)anthracene
Concen: 49.881 ng
RT: 21.651 min Scan# 3168
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

Tgt Ion:228 Resp: 452353
Ion Ratio Lower Upper
228 100
226 26.6 22.7 34.1
229 20.0 16.0 24.0

Instrument :
BNA_G
ClientSampleId :
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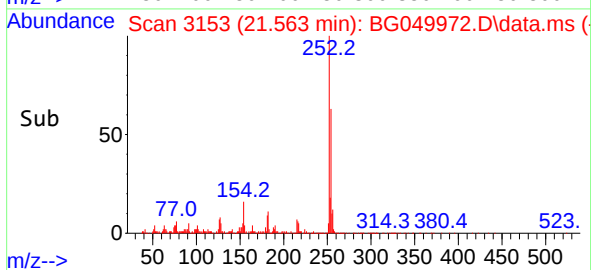
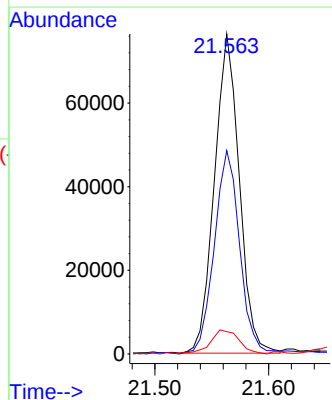
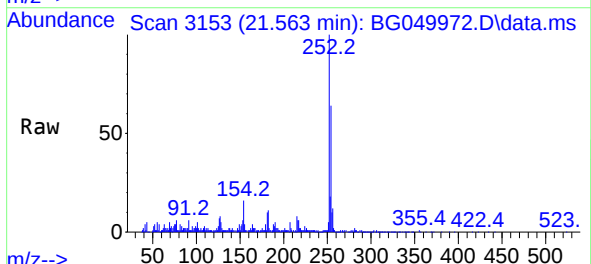
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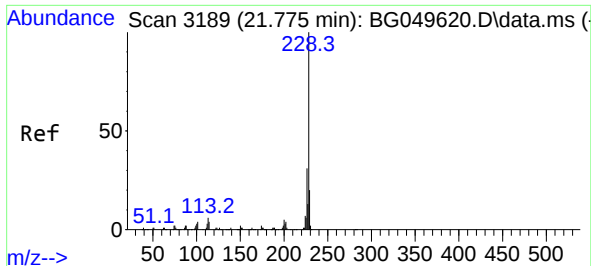
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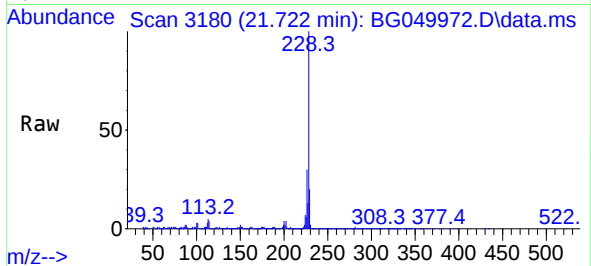
#82
3,3'-Dichlorobenzidine
Concen: 43.844 ng
RT: 21.563 min Scan# 3153
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

Tgt Ion:252 Resp: 116092
Ion Ratio Lower Upper
252 100
254 63.5 52.4 78.6
126 6.9 5.9 8.9

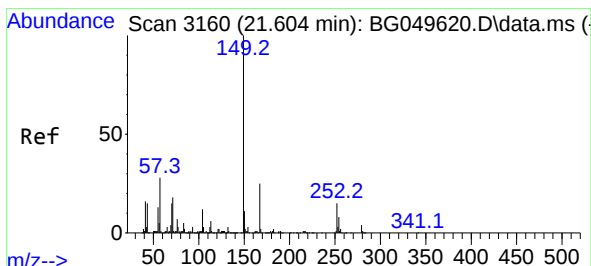
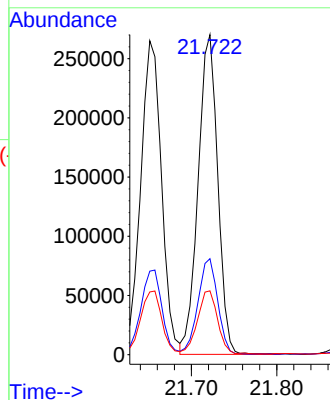
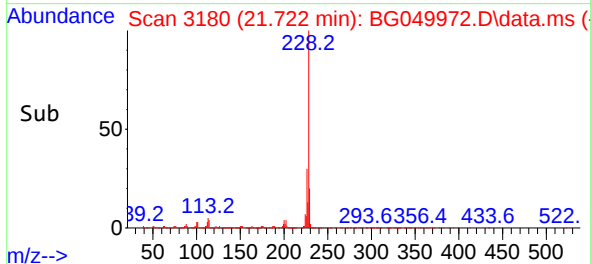




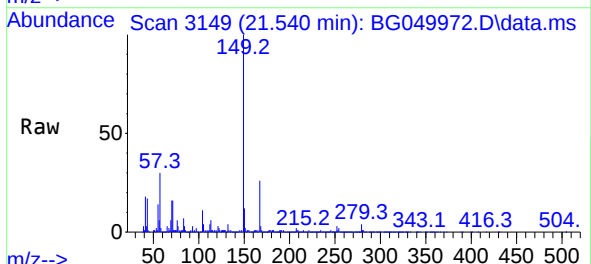
#83
Chrysene
Concen: 49.800 ng
RT: 21.722 min Scan# 3180
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



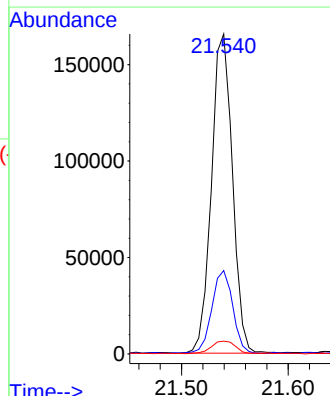
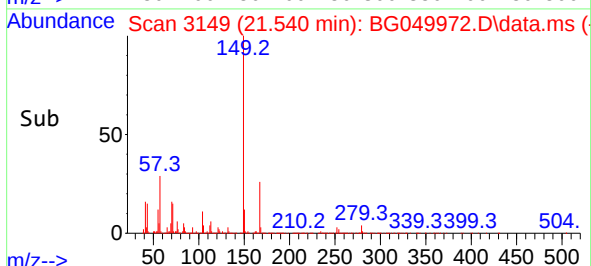
Tgt Ion:228 Resp: 431708
Ion Ratio Lower Upper
228 100
226 30.0 23.1 34.7
229 19.9 15.3 22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.109 ng
RT: 21.540 min Scan# 3149
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



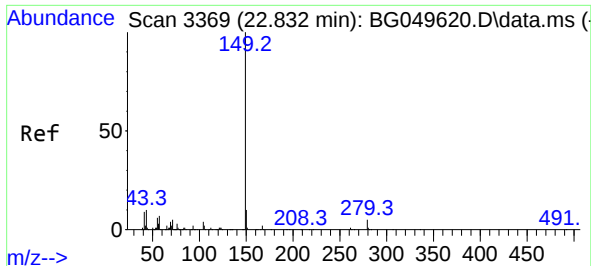
Tgt Ion:149 Resp: 225746
Ion Ratio Lower Upper
149 100
167 26.0 22.3 33.5
279 4.0 3.8 5.8



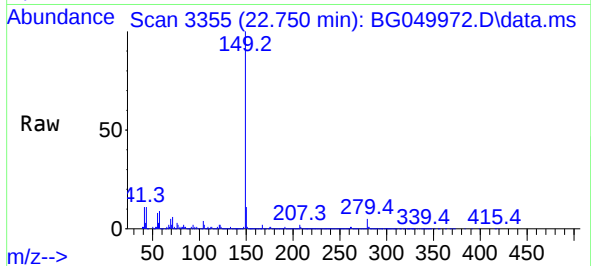
Instrument :
BNA_G
ClientSampleId :
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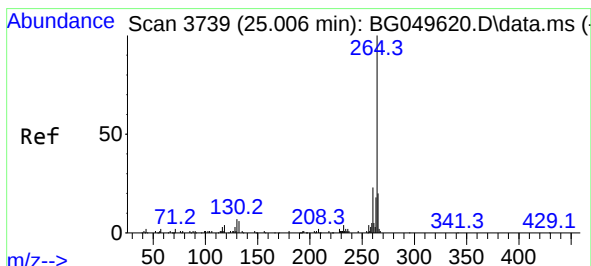
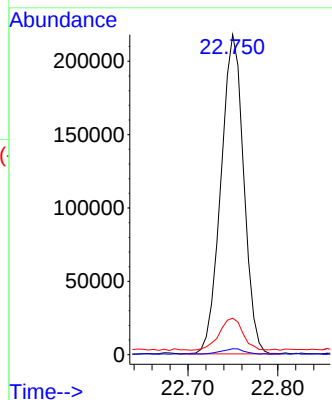
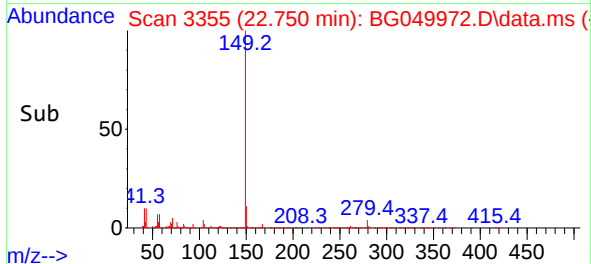
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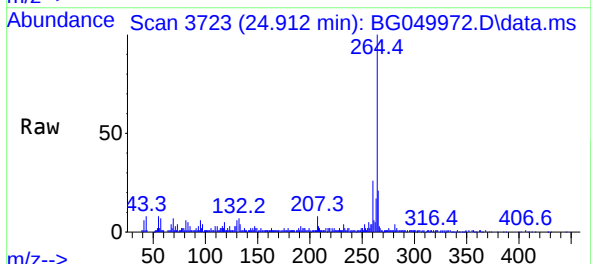
#85
Di-n-octyl phthalate
Concen: 44.354 ng
RT: 22.750 min Scan# 3355
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



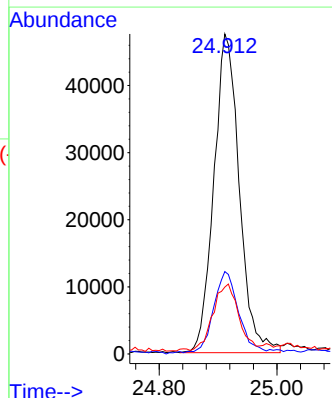
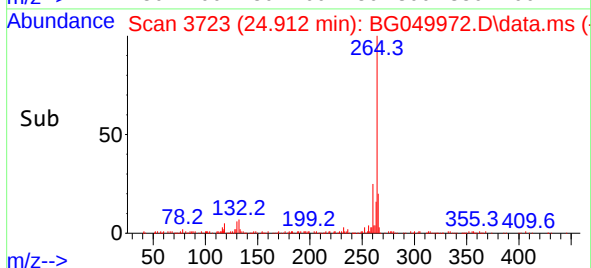
Tgt Ion:149 Resp: 383477
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 10.4 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.912 min Scan# 3723
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



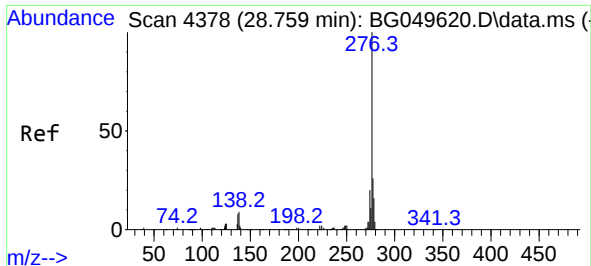
Tgt Ion:264 Resp: 142635
Ion Ratio Lower Upper
264 100
260 25.8 19.4 29.2
265 20.9 16.9 25.3



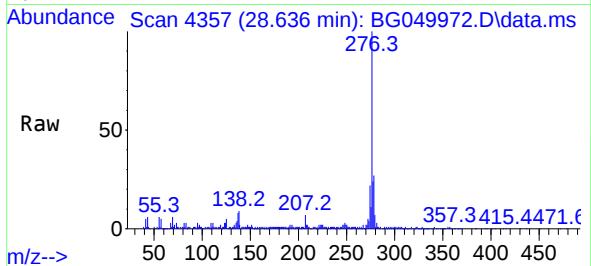
Instrument :
BNA_G
ClientSampleId :
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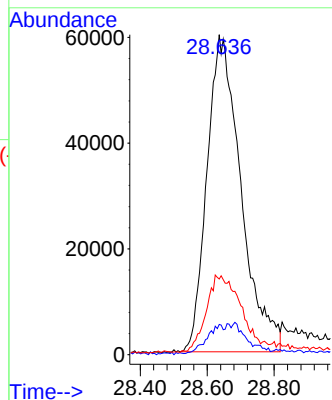
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#87
Indeno(1,2,3-cd)pyrene
Concen: 41.008 ng
RT: 28.636 min Scan# 4357
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



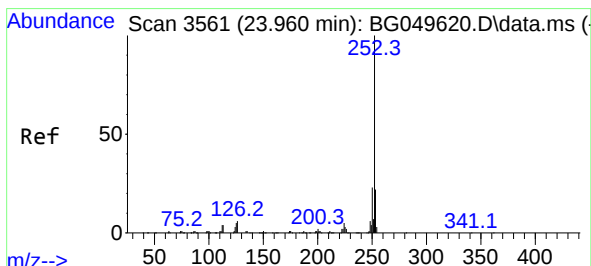
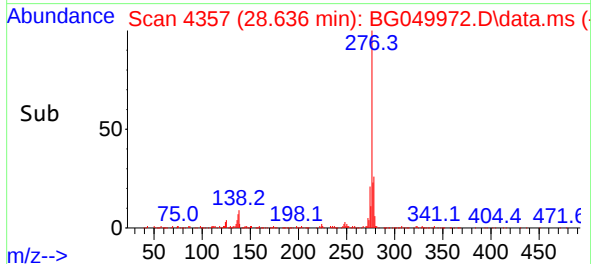
Tgt Ion: 276 Resp: 421835
Ion Ratio Lower Upper
276 100
138 4.3 5.1 7.7#
277 24.6 19.8 29.6



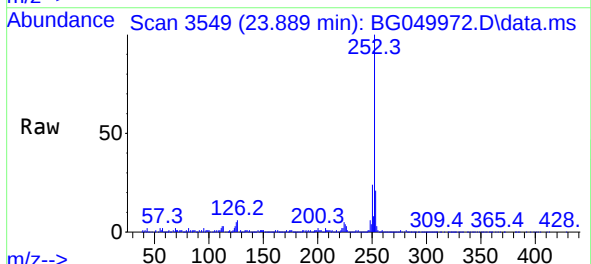
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD

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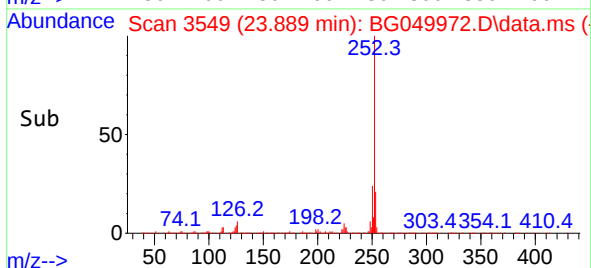
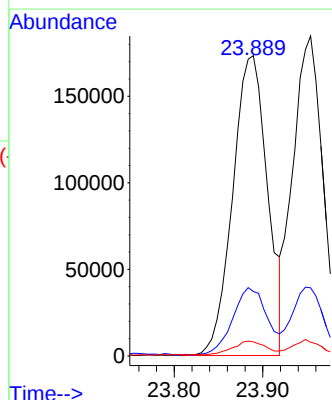
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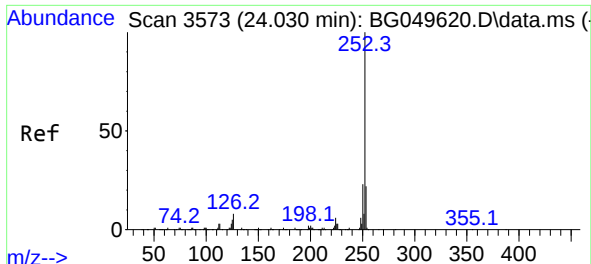


#88
Benzo(b)fluoranthene
Concen: 50.585 ng m
RT: 23.889 min Scan# 3549
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



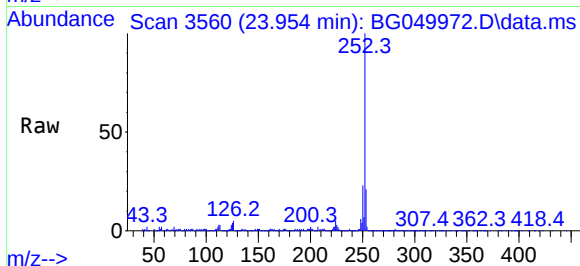
Tgt Ion: 252 Resp: 473208
Ion Ratio Lower Upper
252 100
253 21.4 16.2 24.4
125 4.7 3.0 4.4#





#89
Benzo(k)fluoranthene
Concen: 49.536 ng
RT: 23.954 min Scan# 3560
Delta R.T. -0.004 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

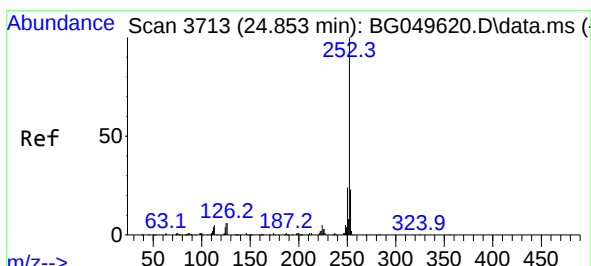
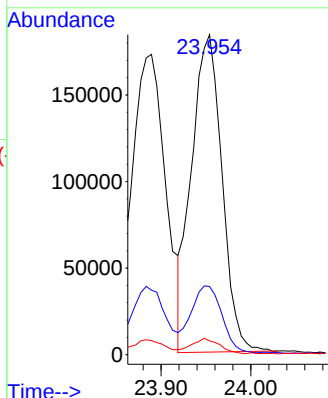
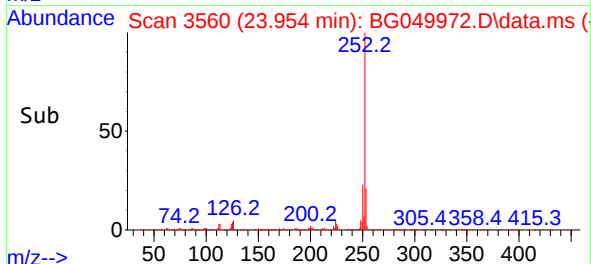
Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MSD



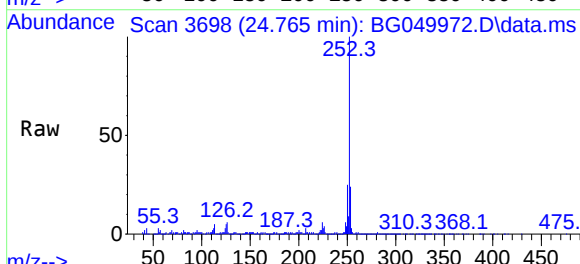
Tgt Ion:252 Resp: 432239
Ion Ratio Lower Upper
252 100
253 21.3 18.0 27.0
125 4.3 3.1 4.7

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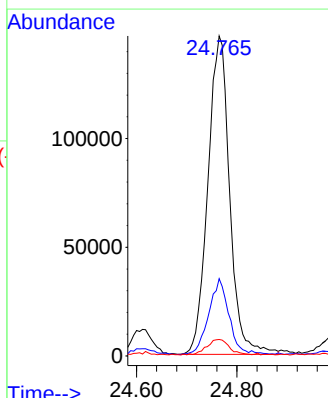
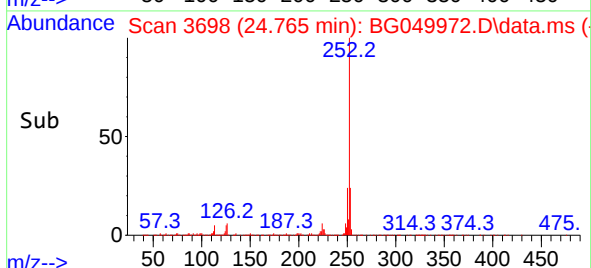
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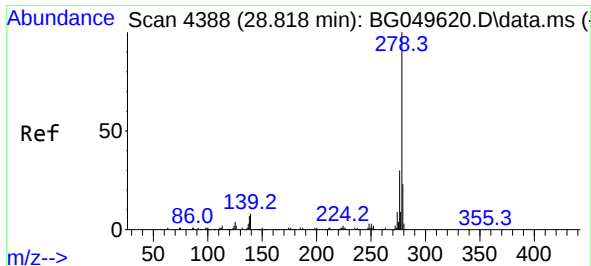


#90
Benzo(a)pyrene
Concen: 51.978 ng
RT: 24.765 min Scan# 3698
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



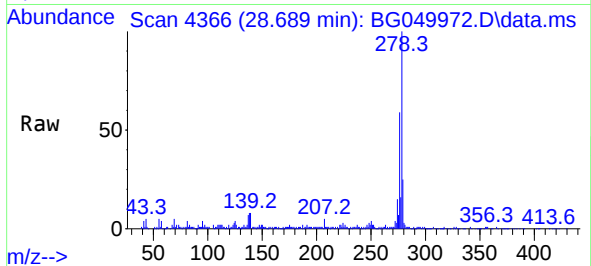
Tgt Ion:252 Resp: 440041
Ion Ratio Lower Upper
252 100
253 24.1 16.6 25.0
125 5.2 3.5 5.3





#91
Dibenzo(a,h)anthracene
Concen: 40.363 ng
RT: 28.689 min Scan# 4366
Delta R.T. -0.010 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36

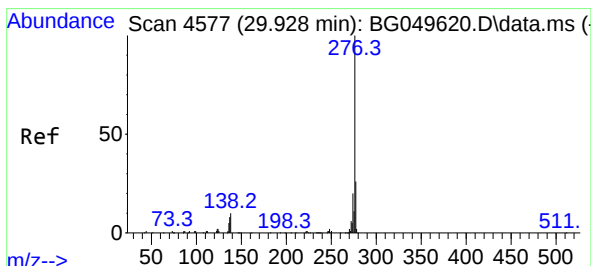
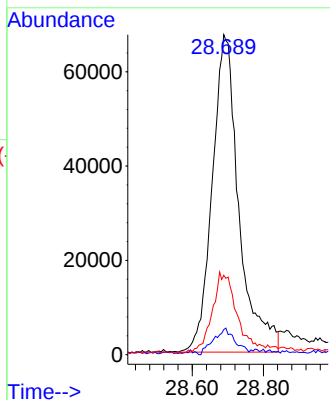
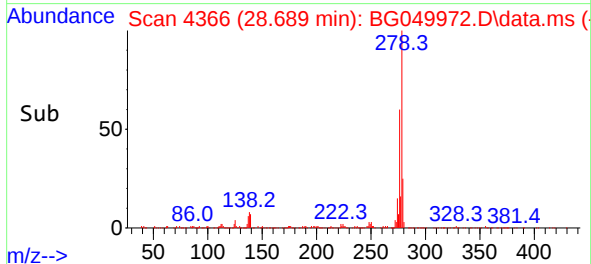
Instrument :
BNA_G
ClientSampleId :
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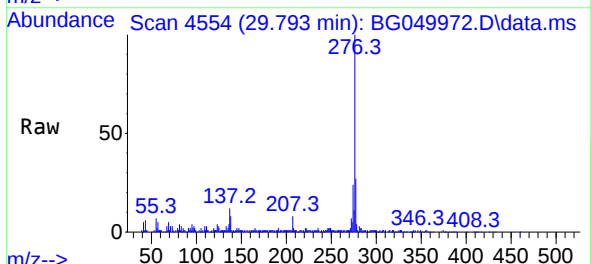
Tgt Ion:278 Resp: 349871
Ion Ratio Lower Upper
278 100
139 7.8 4.6 6.8#
279 24.8 17.9 26.9

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#92
Benzo(g,h,i)perylene
Concen: 38.403 ng
RT: 29.793 min Scan# 4554
Delta R.T. -0.022 min
Lab File: BG049972.D
Acq: 25 Aug 2021 17:36



Tgt Ion:276 Resp: 326131
Ion Ratio Lower Upper
276 100
277 26.5 18.4 27.6
138 8.3 7.0 10.6

