

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056445.D
 Acq On : 26 Jan 2023 16:28
 Operator : CG/JU
 Sample : 01289-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ209-STOCKMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/27/2023
 Supervised By : Jagrut Upadhyay 01/27/2023

Quant Time: Jan 27 00:59:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	34123	20.000	ng	0.00
21) Naphthalene-d8	11.126	136	133094	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	101701	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	244889	20.000	ng	0.00
76) Chrysene-d12	21.943	240	244212	20.000	ng	# 0.00
86) Perylene-d12	25.374	264	271447	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.815	112	256640	134.288	ng	0.00
7) Phenol-d6	7.442	99	362878	123.641	ng	0.00
23) Nitrobenzene-d5	9.470	82	183791	70.636	ng	0.00
42) 2,4,6-Tribromophenol	16.397	330	167980	130.417	ng	0.00
45) 2-Fluorobiphenyl	13.535	172	571242	77.563	ng	0.00
79) Terphenyl-d14	20.222	244	1040216	76.289	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.612	88	31521	36.110	ng	# 88
3) Pyridine	4.035	79	86921	32.693	ng	# 90
4) n-Nitrosodimethylamine	3.947	42	21369	39.511	ng	97
6) Aniline	7.607	93	119724	31.106	ng	96
8) 2-Chlorophenol	7.854	128	104902	55.160	ng	94
9) Benzaldehyde	7.419	77	40933	23.456	ng	94
10) Phenol	7.466	94	145036	48.728	ng	97
11) bis(2-Chloroethyl)ether	7.695	93	87099	43.181	ng	97
12) 1,3-Dichlorobenzene	8.183	146	117441m	50.740	ng	
13) 1,4-Dichlorobenzene	8.330	146	118172	50.843	ng	99
14) 1,2-Dichlorobenzene	8.653	146	114713	51.150	ng	99
15) Benzyl Alcohol	8.529	79	90448m	42.344	ng	
16) 2,2'-oxybis(1-Chloropr...	8.817	45	19287	54.110	ng	82
17) 2-Methylphenol	8.735	107	100137	45.850	ng	97
18) Hexachloroethane	9.393	117	35977	50.953	ng	95
19) n-Nitroso-di-n-propyla...	9.094	70	68006	38.105	ng	95
20) 3+4-Methylphenols	9.058	107	138175	44.999	ng	97
22) Acetophenone	9.123	105	161546	42.927	ng	# 97
24) Nitrobenzene	9.511	77	103773	40.245	ng	# 91
25) Isophorone	10.034	82	206441	37.709	ng	95
26) 2-Nitrophenol	10.227	139	64880	49.177	ng	99
27) 2,4-Dimethylphenol	10.274	122	117139	48.680	ng	99
28) bis(2-Chloroethoxy)met...	10.509	93	122735	43.135	ng	98
29) 2,4-Dichlorophenol	10.768	162	131119	49.287	ng	97
30) 1,2,4-Trichlorobenzene	10.985	180	141675	46.929	ng	99
31) Naphthalene	11.179	128	327424	46.744	ng	98
32) Benzoic acid	10.410	122	57373	32.134	ng	94
33) 4-Chloroaniline	11.279	127	104686	31.303	ng	97
34) Hexachlorobutadiene	11.450	225	100683	46.370	ng	97
35) Caprolactam	12.055	113	37834m	42.005	ng	
36) 4-Chloro-3-methylphenol	12.384	107	120277	44.556	ng	96
37) 2-Methylnaphthalene	12.760	142	256191	43.317	ng	98
38) 1-Methylnaphthalene	12.977	142	238943	43.506	ng	99
40) 1,2,4,5-Tetrachloroben...	13.124	216	189674	49.761	ng	99
41) Hexachlorocyclopentadiene	13.095	237	219887	101.183	ng	95
43) 2,4,6-Trichlorophenol	13.353	196	126831	50.320	ng	98

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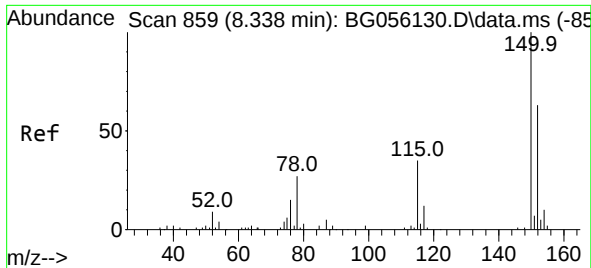
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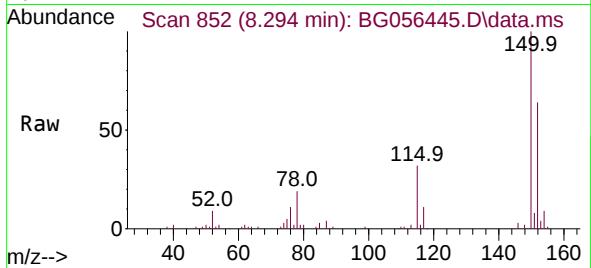
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.435	196	137156	46.002	ng	98
46) 1,1'-Biphenyl	13.747	154	367746	50.490	ng	97
47) 2-Chloronaphthalene	13.800	162	291930	50.779	ng	98
48) 2-Nitroaniline	13.994	65	58246	47.552	ng	92
49) Acenaphthylene	14.640	152	443571	47.413	ng	99
50) Dimethylphthalate	14.352	163	374198	45.579	ng	99
51) 2,6-Dinitrotoluene	14.475	165	81801	46.760	ng	91
52) Acenaphthene	14.975	154	307346m	50.511	ng	
53) 3-Nitroaniline	14.810	138	58706	35.261	ng	92
54) 2,4-Dinitrophenol	15.022	184	74120	59.308	ng	96
55) Dibenzofuran	15.304	168	467899	46.469	ng	95
56) 4-Nitrophenol	15.116	139	121848	95.159	ng	86
57) 2,4-Dinitrotoluene	15.263	165	116420	47.585	ng	89
58) Fluorene	15.950	166	366273	45.226	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.527	232	130236	46.521	ng	96
60) Diethylphthalate	15.698	149	344070	44.688	ng	99
61) 4-Chlorophenyl-phenyle...	15.933	204	224858	44.490	ng	99
62) 4-Nitroaniline	15.968	138	77142	45.233	ng	93
63) Azobenzene	16.226	77	294811	49.619	ng	94
65) 4,6-Dinitro-2-methylph...	16.027	198	72684	44.053	ng	95
66) n-Nitrosodiphenylamine	16.150	169	335540	49.384	ng	98
67) 4-Bromophenyl-phenylether	16.826	248	149111	47.816	ng	96
68) Hexachlorobenzene	16.955	284	153892	52.895	ng	98
69) Atrazine	17.084	200	142393	50.567	ng	99
70) Pentachlorophenol	17.302	266	173839	77.783	ng	100
71) Phenanthrene	17.689	178	611370	48.174	ng	98
72) Anthracene	17.783	178	626387	47.847	ng	100
73) Carbazole	18.048	167	544246	49.457	ng	98
74) Di-n-butylphthalate	18.571	149	543753	49.569	ng	99
75) Fluoranthene	19.687	202	757823	45.778	ng	99
77) Benzidine	19.851	184	295513	34.530	ng	98
78) Pyrene	20.045	202	781304	45.390	ng	99
80) Butylbenzylphthalate	20.897	149	235306	47.649	ng	98
81) Benzo(a)anthracene	21.920	228	809485	47.193	ng	98
82) 3,3'-Dichlorobenzidine	21.820	252	182062	29.485	ng	99
83) Chrysene	21.990	228	755411	47.016	ng	99
84) Bis(2-ethylhexyl)phtha...	21.779	149	346795	48.744	ng	98
85) Di-n-octyl phthalate	23.054	149	583083	48.547	ng	100
87) Indeno(1,2,3-cd)pyrene	29.340	276	976181	49.449	ng	# 97
88) Benzo(b)fluoranthene	24.282	252	834468	48.384	ng	100
89) Benzo(k)fluoranthene	24.352	252	824597	48.013	ng	98
90) Benzo(a)pyrene	25.216	252	748264	44.482	ng	99
91) Dibenzo(a,h)anthracene	29.399	278	824721	49.829	ng	99
92) Benzo(g,h,i)perylene	30.580	276	792821	49.396	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.294 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

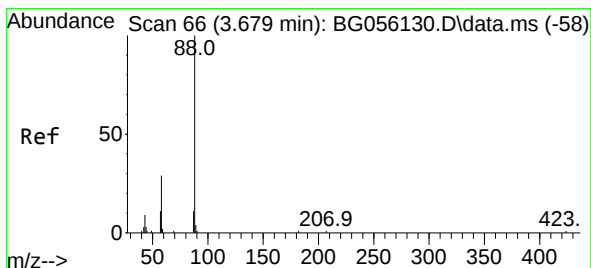
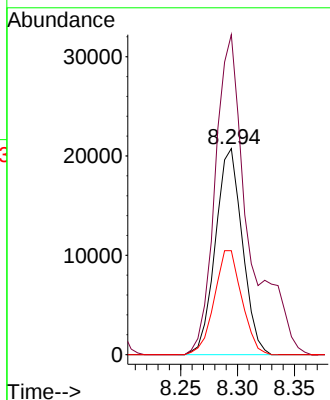
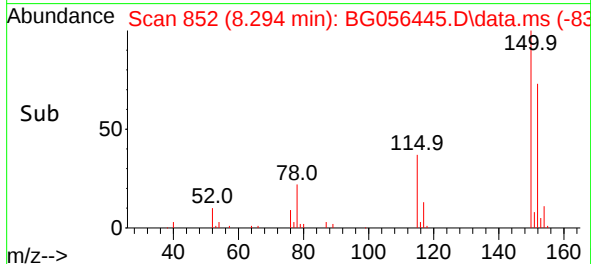
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:152 Resp: 34123
Ion Ratio Lower Upper
152 100
150 155.3 127.9 191.9
115 50.4 44.2 66.2

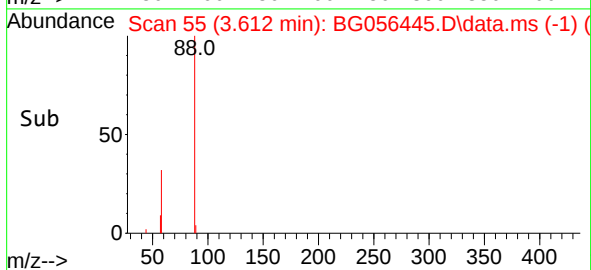
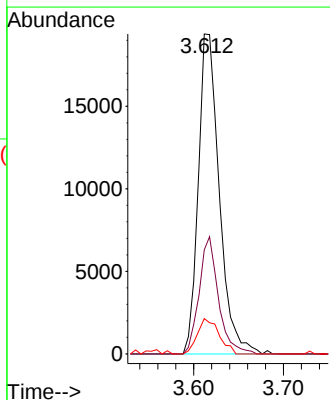
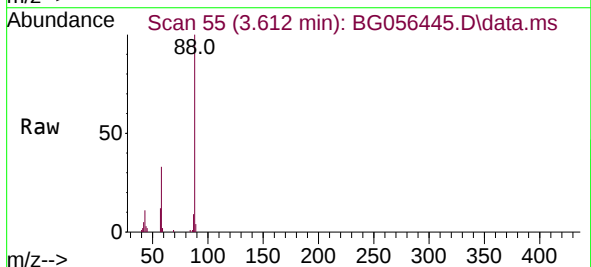
Manual Integrations
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#2
1,4-Dioxane
Concen: 36.110 ng
RT: 3.612 min Scan# 55
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

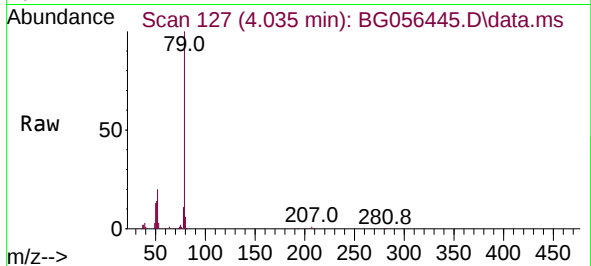
Tgt Ion: 88 Resp: 31521
Ion Ratio Lower Upper
88 100
58 33.6 21.4 32.0#
43 11.3 7.1 10.7#





#3
Pyridine
Concen: 32.693 ng
RT: 4.035 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

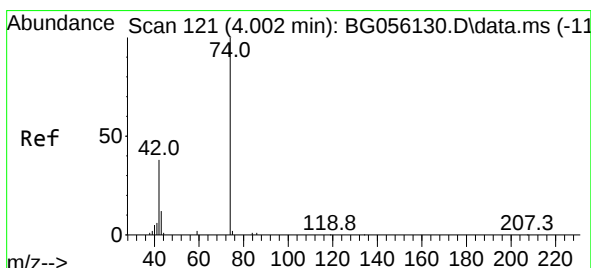
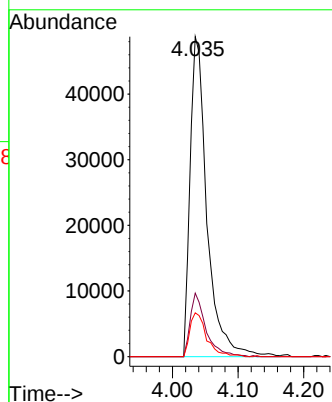
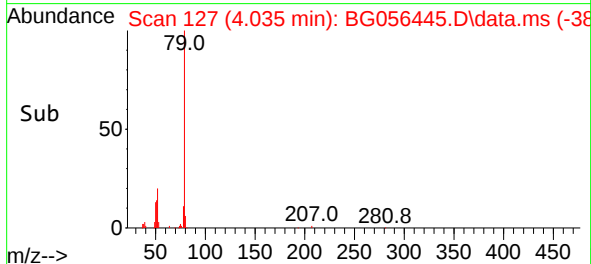
Instrument :
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ClientSampleId :
VNJ209-STOCKMSD



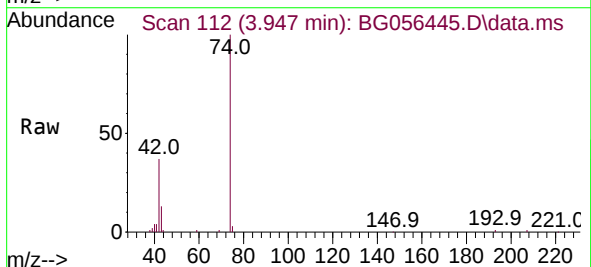
Tgt Ion: 79 Resp: 8692
Ion Ratio Lower Upper
79 100
52 19.8 11.8 17.6
51 13.7 8.8 13.2

Manual Integrations
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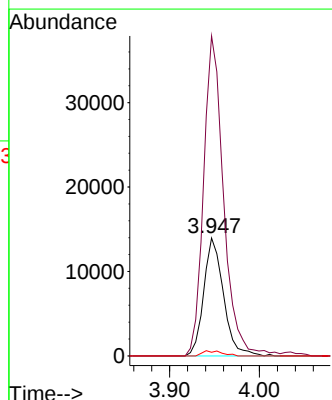
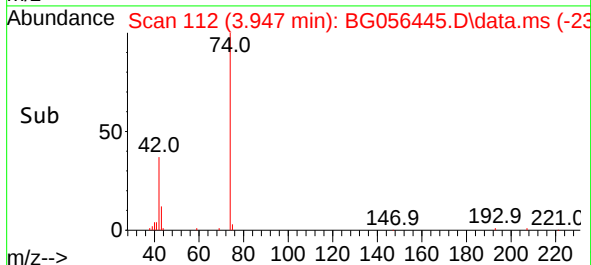
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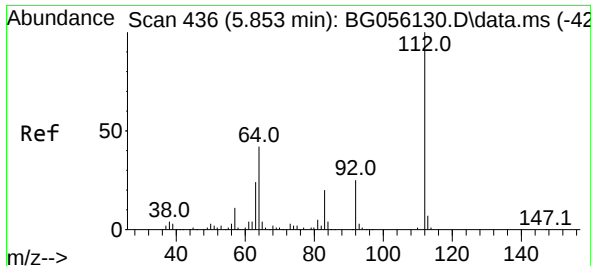


#4
n-Nitrosodimethylamine
Concen: 39.511 ng
RT: 3.947 min Scan# 112
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28



Tgt Ion: 42 Resp: 21369
Ion Ratio Lower Upper
42 100
74 271.7 212.6 319.0
44 3.1 2.6 3.8





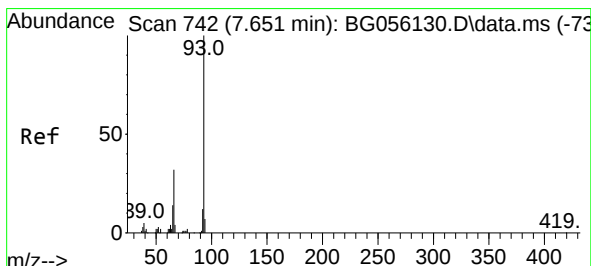
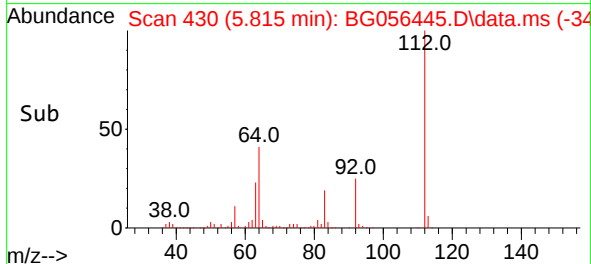
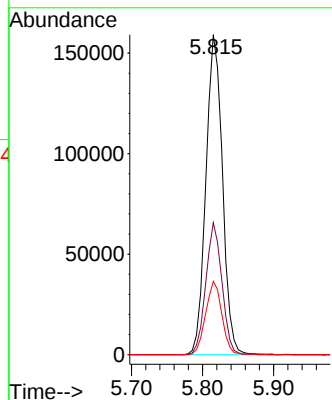
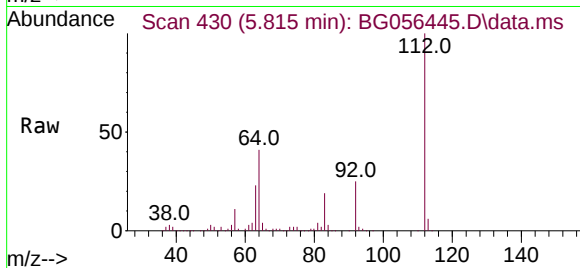
#5
2-Fluorophenol
Concen: 134.288 ng
RT: 5.815 min Scan# 436
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

Instrument :
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ClientSampleId :
VNJ209-STOCKMSD

Tgt Ion:112 Resp: 256640
Ion Ratio Lower Upper
112 100
64 41.2 33.3 49.9
63 22.9 19.0 28.4

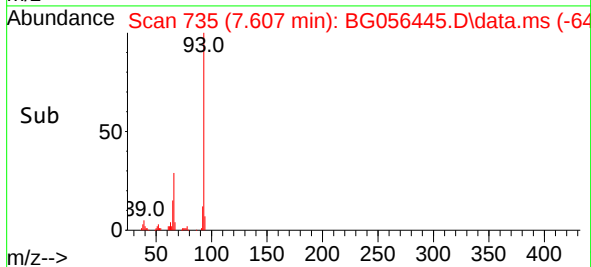
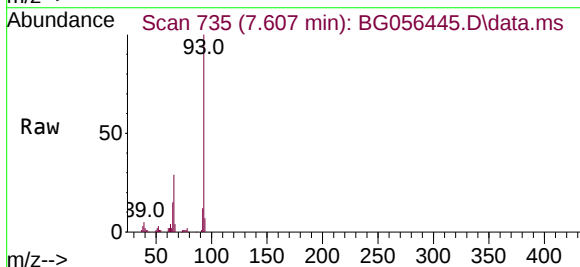
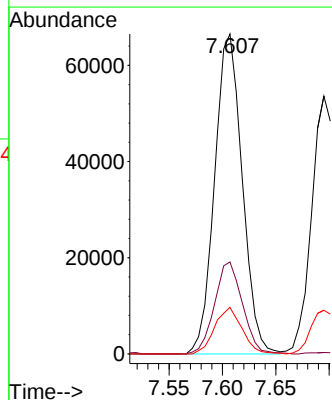
Manual Integrations
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#6
Aniline
Concen: 31.106 ng
RT: 7.607 min Scan# 735
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

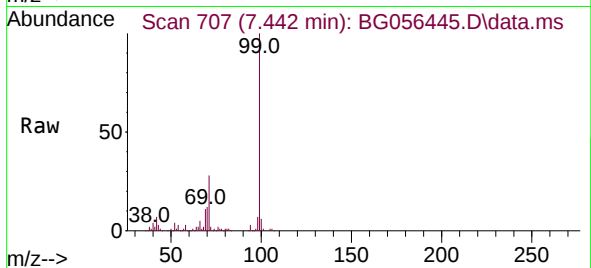
Tgt Ion: 93 Resp: 119724
Ion Ratio Lower Upper
93 100
66 28.7 25.4 38.2
65 14.5 11.4 17.2





#7
Phenol-d6
Concen: 123.641 ng
RT: 7.442 min Scan# 707
Delta R.T. 0.007 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

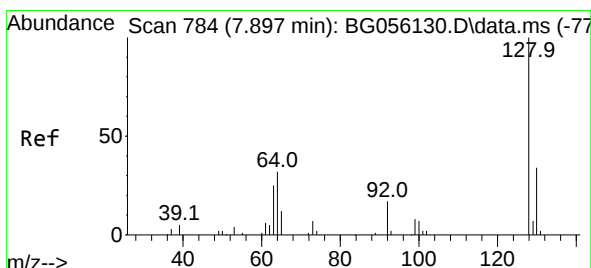
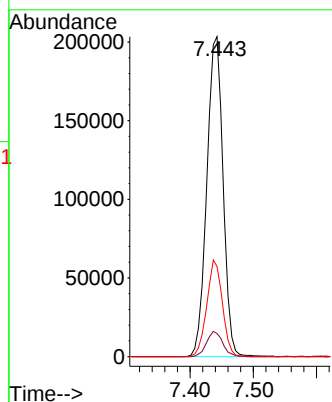
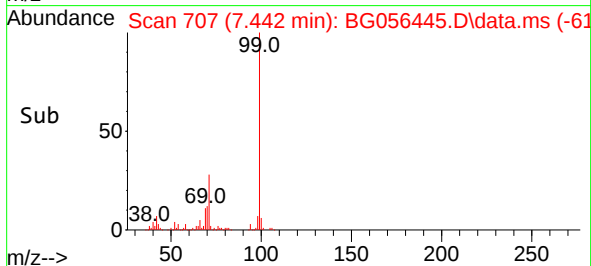
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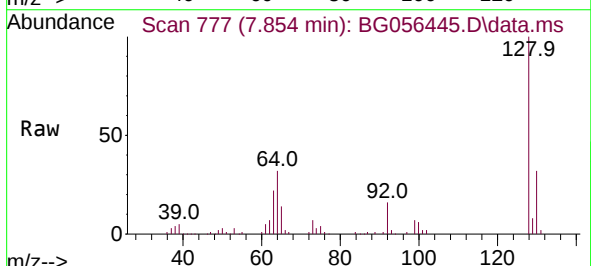
Tgt Ion: 99 Resp: 362878
Ion Ratio Lower Upper
99 100
42 7.2 5.9 8.9
71 28.2 25.4 38.2

Manual Integrations
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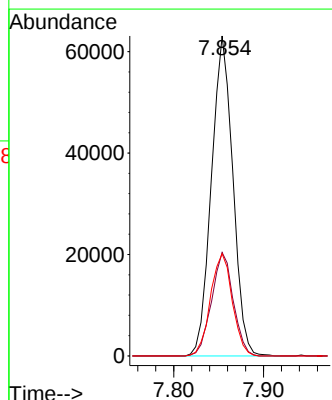
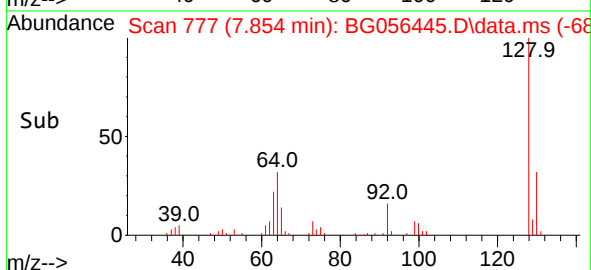
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#8
2-Chlorophenol
Concen: 55.160 ng
RT: 7.854 min Scan# 777
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28



Tgt Ion:128 Resp: 104902
Ion Ratio Lower Upper
128 100
130 32.3 13.5 53.5
64 31.9 18.0 58.0





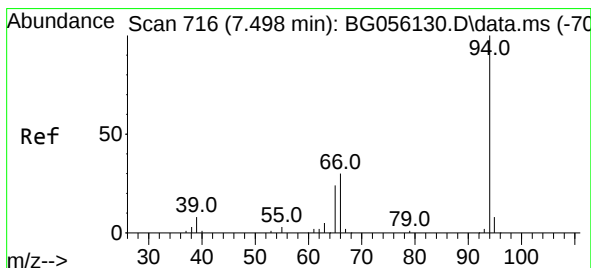
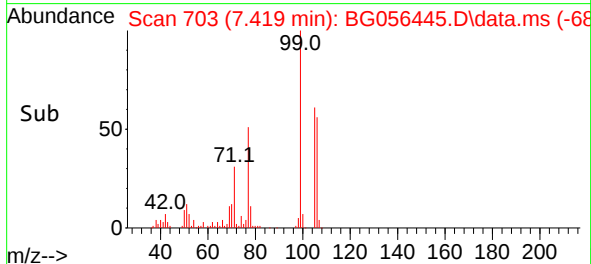
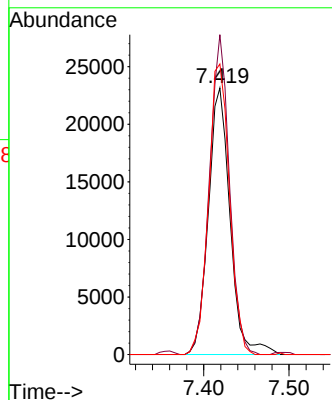
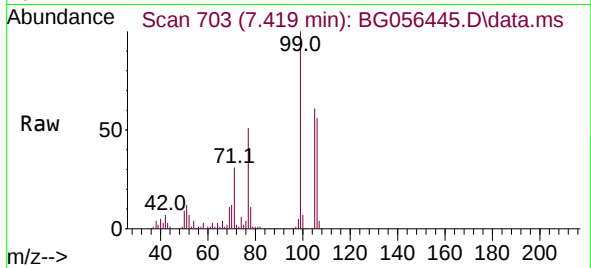
#9
Benzaldehyde
Concen: 23.456 ng
RT: 7.419 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD

Tgt Ion: 77 Resp: 40933
Ion Ratio Lower Upper
77 100
105 120.0 86.8 126.8
106 109.0 89.3 129.3

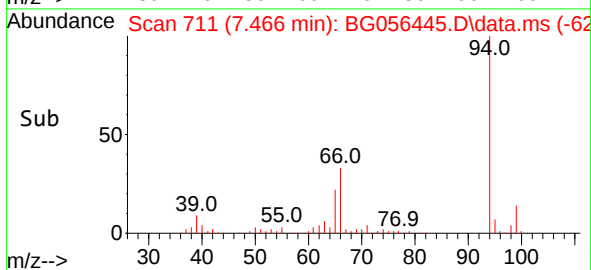
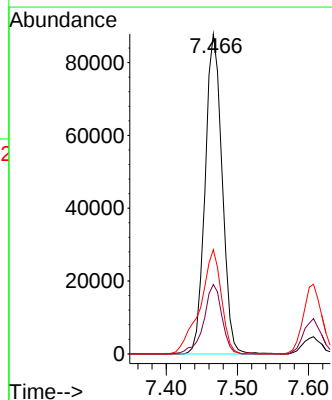
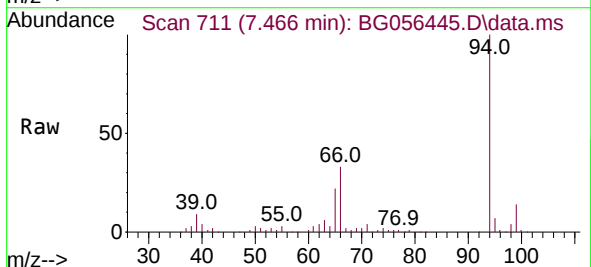
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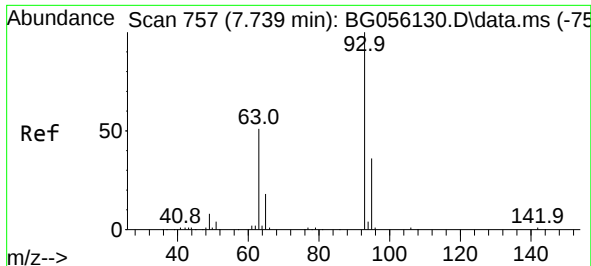
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#10
Phenol
Concen: 48.728 ng
RT: 7.466 min Scan# 711
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

Tgt Ion: 94 Resp: 145036
Ion Ratio Lower Upper
94 100
65 21.7 4.3 44.3
66 32.6 13.2 53.2





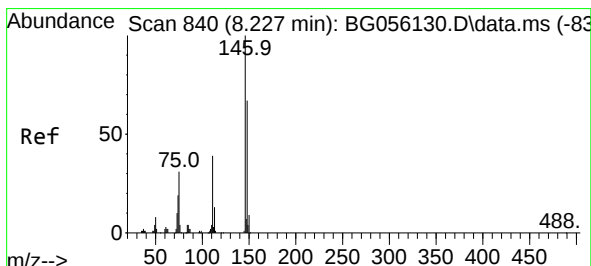
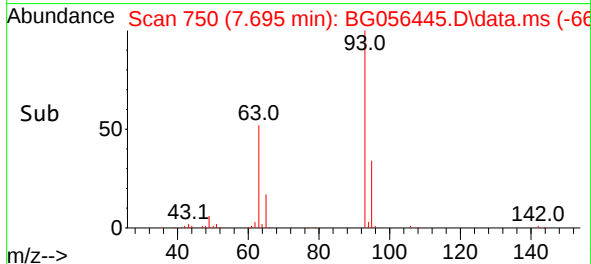
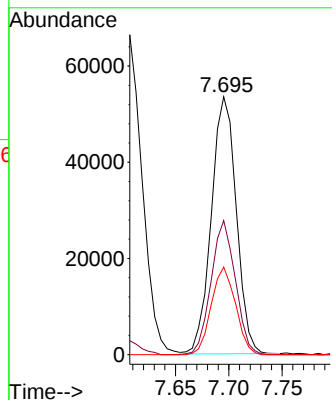
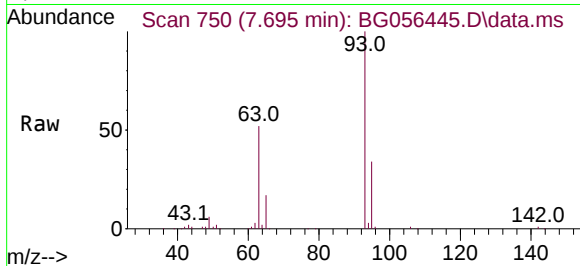
#11
bis(2-Chloroethyl)ether
Concen: 43.181 ng
RT: 7.695 min Scan# 757
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD

Tgt Ion: 93 Resp: 87099
Ion Ratio Lower Upper
93 100
63 52.0 30.5 70.5
95 34.0 15.9 55.9

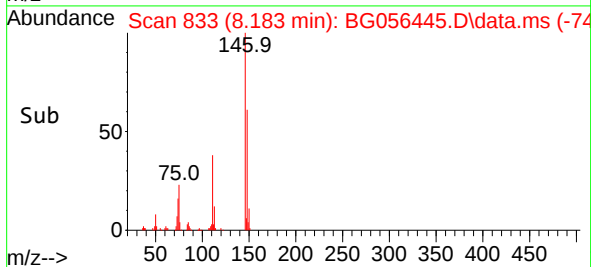
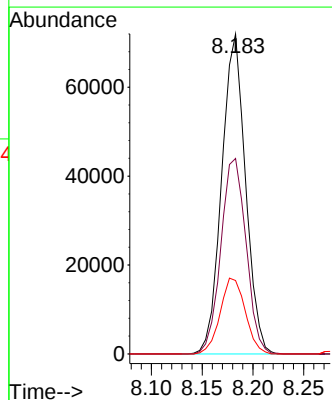
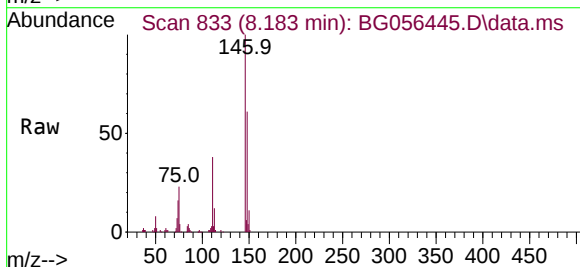
Manual Integrations
APPROVED

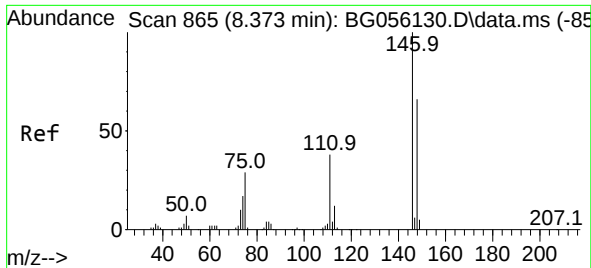
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#12
1,3-Dichlorobenzene
Concen: 50.740 ng m
RT: 8.183 min Scan# 833
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

Tgt Ion:146 Resp: 117441
Ion Ratio Lower Upper
146 100
148 61.1 53.5 80.3
75 22.9 24.8 37.2#





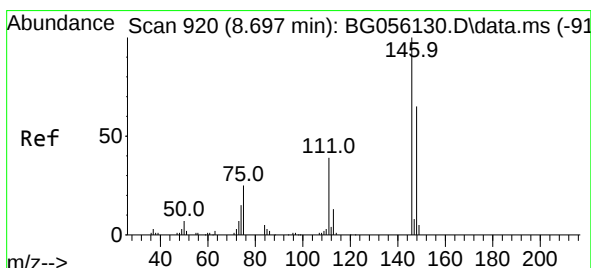
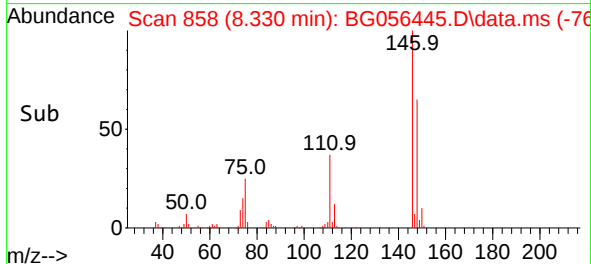
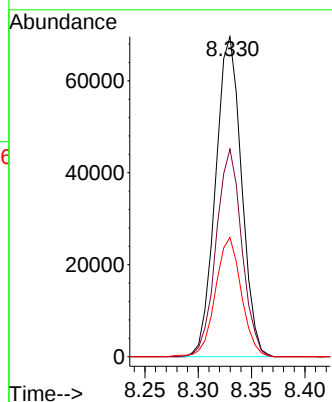
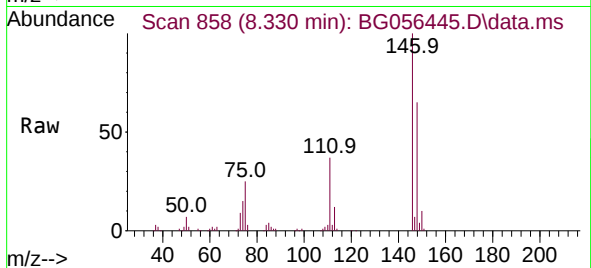
#13
1,4-Dichlorobenzene
Concen: 50.843 ng
RT: 8.330 min Scan# 811
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD

Tgt Ion:146 Resp: 118172
Ion Ratio Lower Upper
146 100
148 64.8 52.8 79.2
111 37.2 30.5 45.7

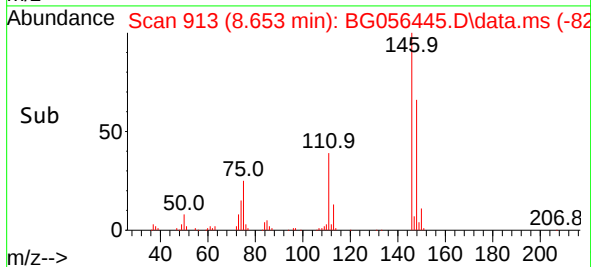
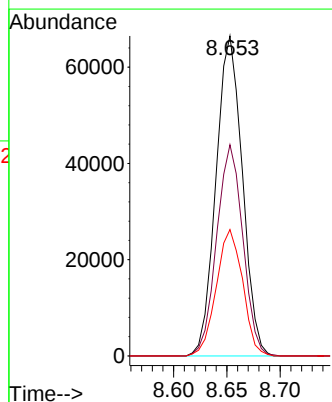
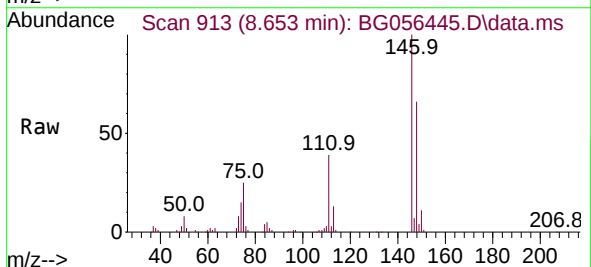
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#14
1,2-Dichlorobenzene
Concen: 51.150 ng
RT: 8.653 min Scan# 913
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

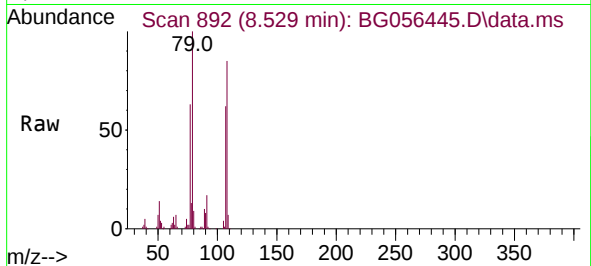
Tgt Ion:146 Resp: 114713
Ion Ratio Lower Upper
146 100
148 66.0 51.7 77.5
111 39.5 31.5 47.3





#15
Benzyl Alcohol
Concen: 42.344 ng m
RT: 8.529 min Scan# 898
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

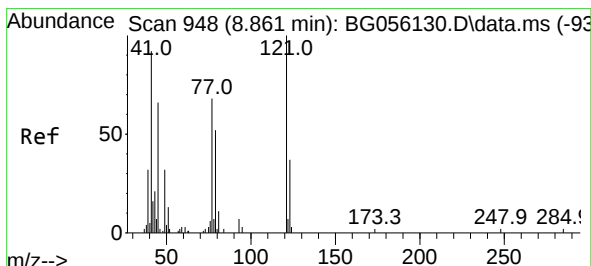
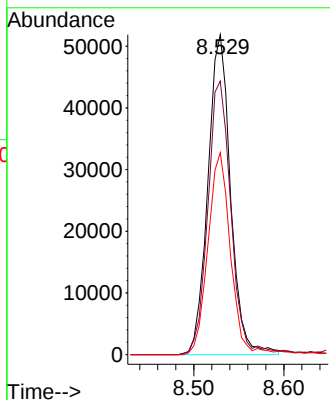
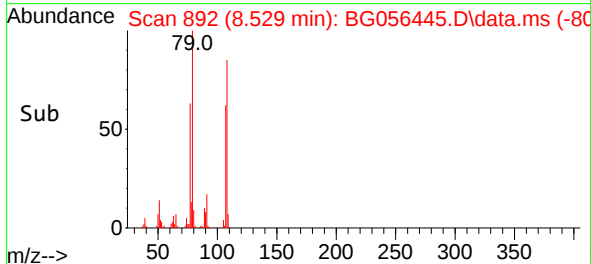
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion: 79 Resp: 90448
Ion Ratio Lower Upper
79 100
108 85.5 64.7 97.1
77 63.1 51.5 77.3

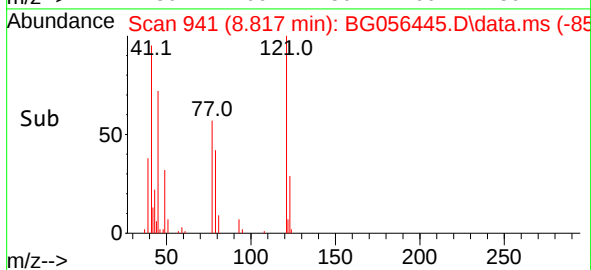
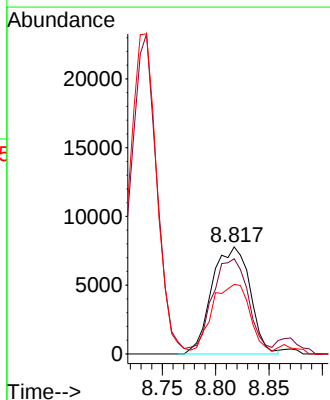
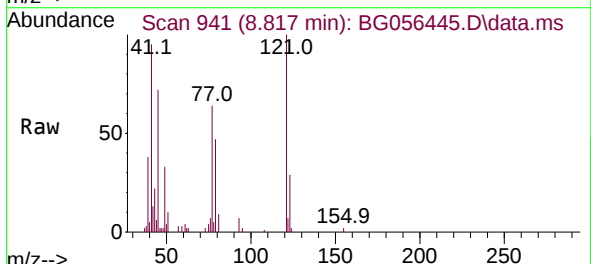
Manual Integrations
APPROVED

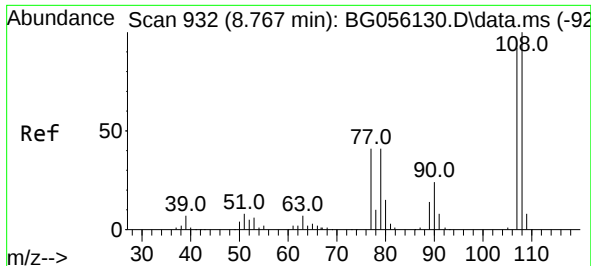
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.110 ng
RT: 8.817 min Scan# 941
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

Tgt Ion: 45 Resp: 19287
Ion Ratio Lower Upper
45 100
77 89.0 88.2 128.2
79 65.0 61.2 101.2





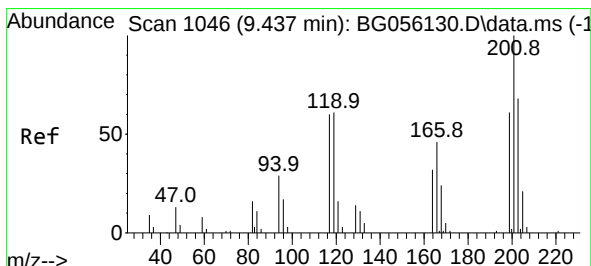
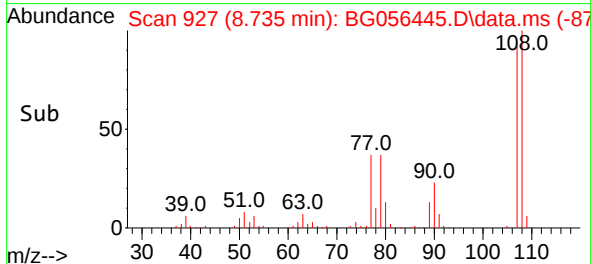
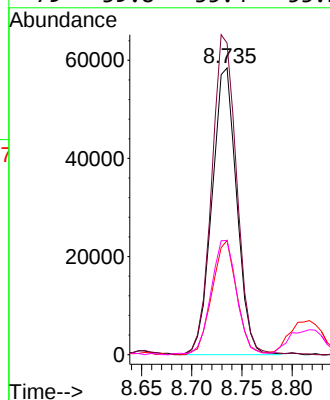
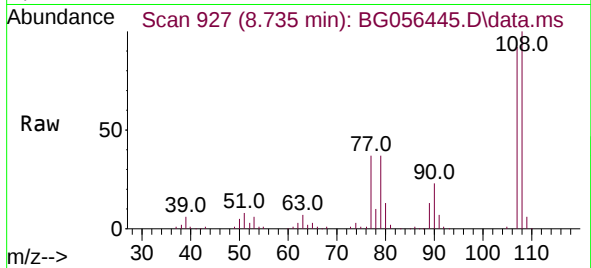
#17
2-Methylphenol
Concen: 45.850 ng
RT: 8.735 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD

Tgt Ion:	107	Resp:	10013
Ion Ratio	Lower	Upper	
107	100		
108	108.7	86.6	129.8
77	39.8	35.4	53.2
79	39.8	35.4	53.2

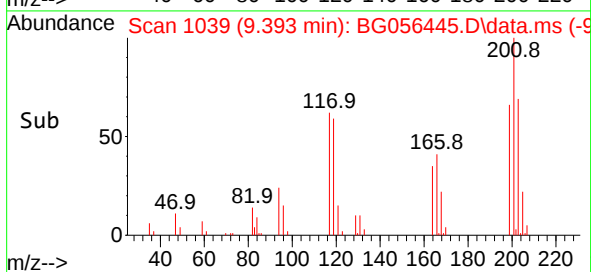
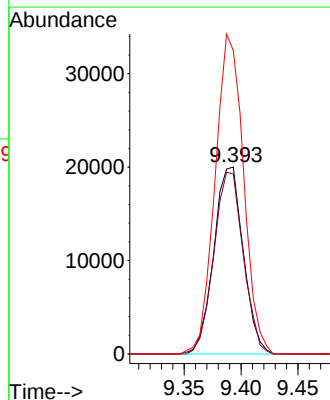
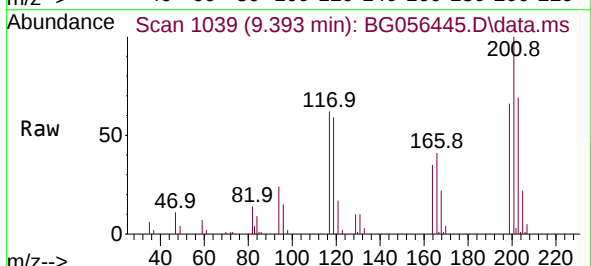
Manual Integrations
APPROVED

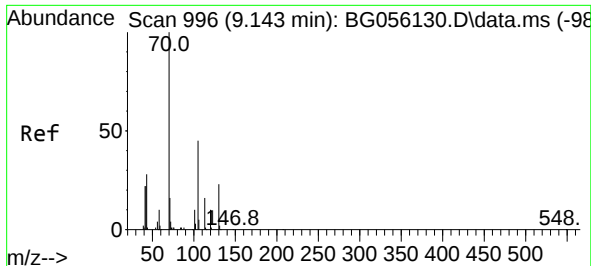
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#18
Hexachloroethane
Concen: 50.953 ng
RT: 9.393 min Scan# 1039
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

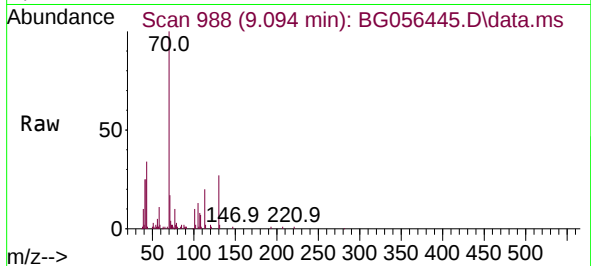
Tgt Ion:	117	Resp:	35977
Ion Ratio	Lower	Upper	
117	100		
119	96.3	81.8	122.6
201	162.3	134.2	201.2





#19
n-Nitroso-di-n-propylamine
Concen: 38.105 ng
RT: 9.094 min Scan# 981
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

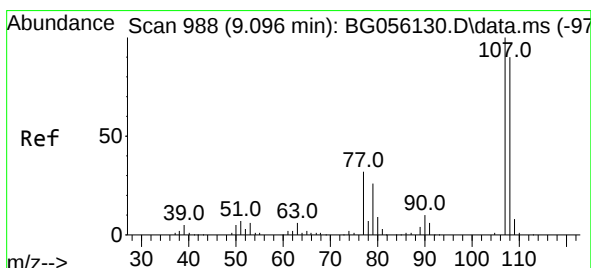
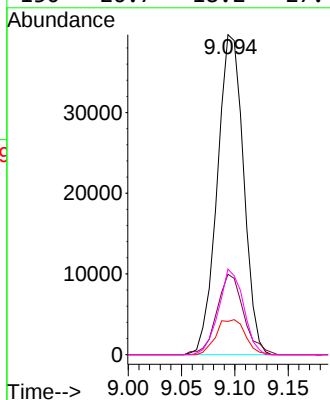
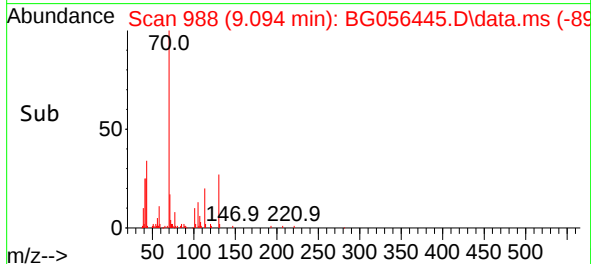
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



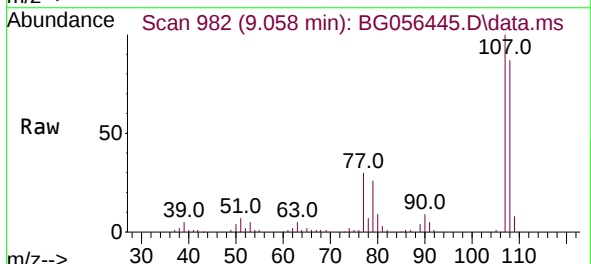
Tgt Ion: 70 Resp: 68006
Ion Ratio Lower Upper
70 100
42 25.1 18.2 27.2
101 10.4 8.3 12.5
130 26.7 18.2 27.4

Manual Integrations
APPROVED

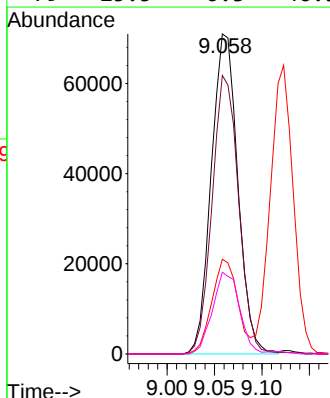
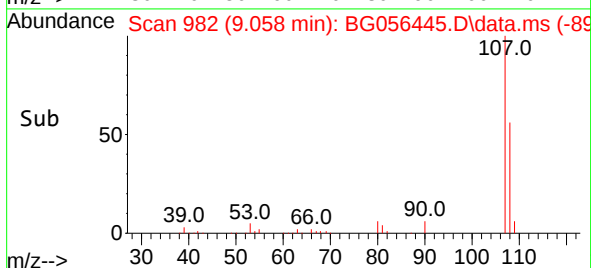
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

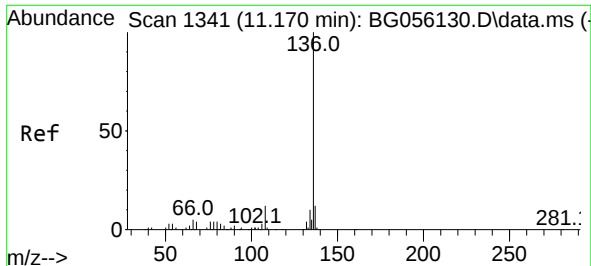


#20
3+4-Methylphenols
Concen: 44.999 ng
RT: 9.058 min Scan# 982
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28



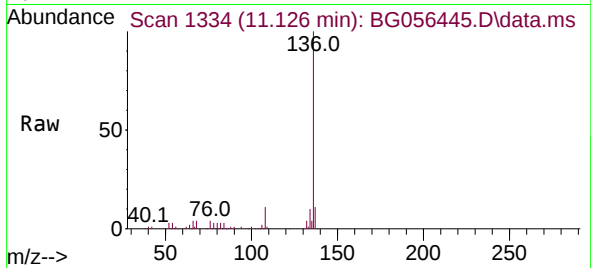
Tgt Ion:107 Resp: 138175
Ion Ratio Lower Upper
107 100
108 87.0 69.6 109.6
77 29.6 11.7 51.7
79 25.5 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.126 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

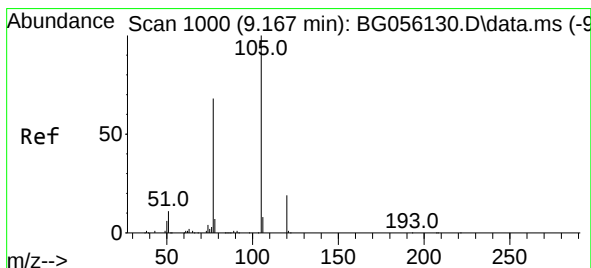
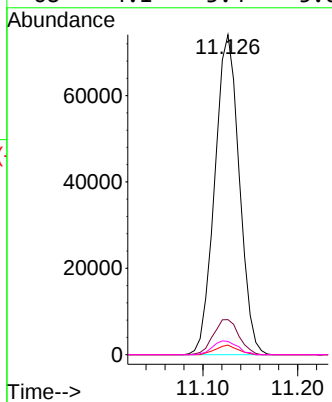
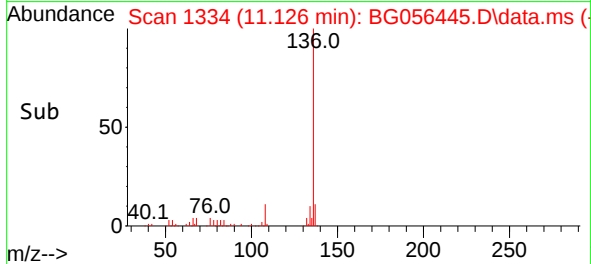
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:136 Resp: 133094
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 3.0 2.2 3.2
68 4.1 3.4 5.0

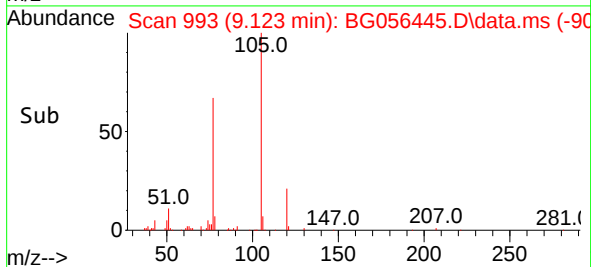
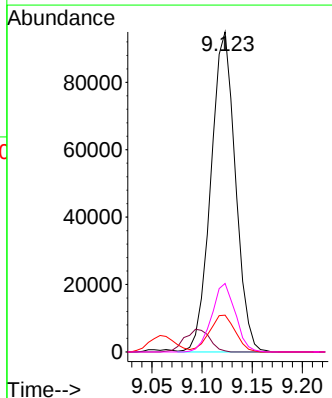
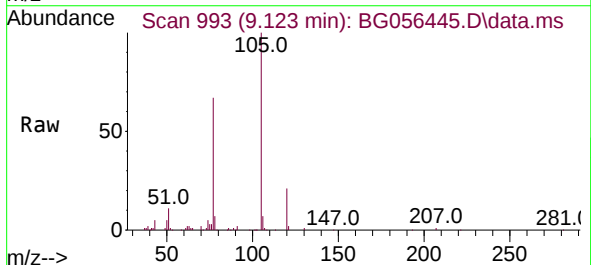
Manual Integrations
APPROVED

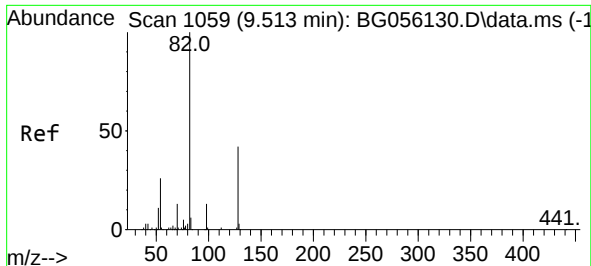
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#22
Acetophenone
Concen: 42.927 ng
RT: 9.123 min Scan# 993
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

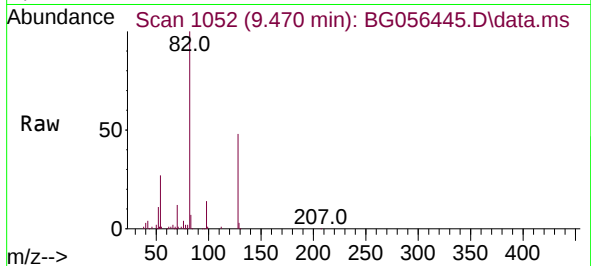
Tgt Ion:105 Resp: 161546
Ion Ratio Lower Upper
105 100
71 0.3 0.5 0.7#
51 11.5 9.3 13.9
120 21.4 15.5 23.3





#23
Nitrobenzene-d5
Concen: 70.636 ng
RT: 9.470 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

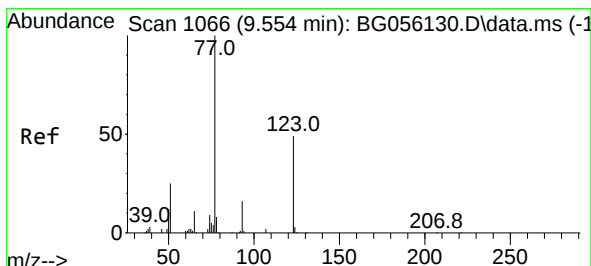
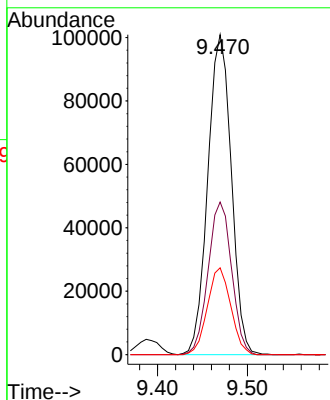
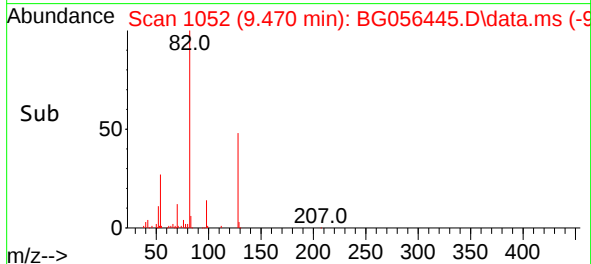
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion: 82 Resp: 183791
Ion Ratio Lower Upper
82 100
128 47.7 33.4 50.2
54 27.1 20.3 30.5

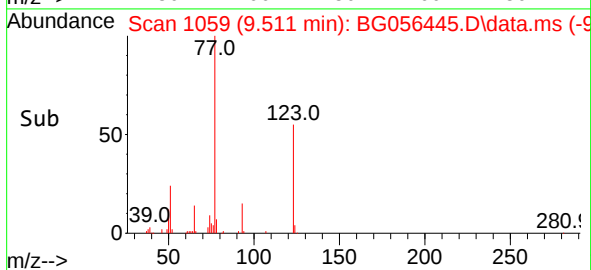
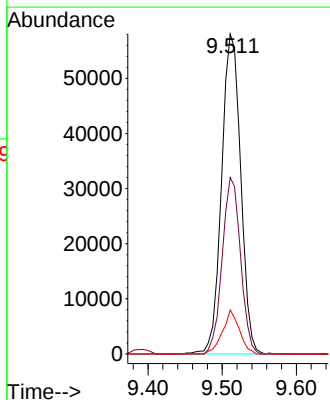
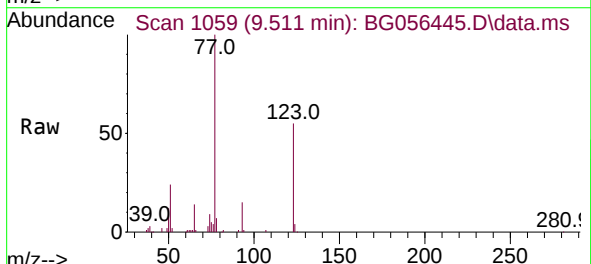
Manual Integrations
APPROVED

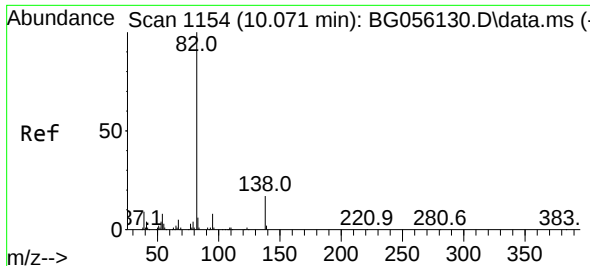
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#24
Nitrobenzene
Concen: 40.245 ng
RT: 9.511 min Scan# 1059
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

Tgt Ion: 77 Resp: 103773
Ion Ratio Lower Upper
77 100
123 55.1 38.8 58.2
65 13.7 9.1 13.7#





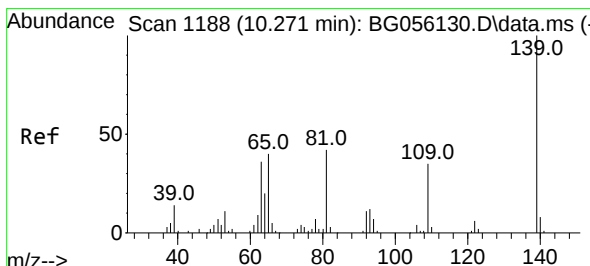
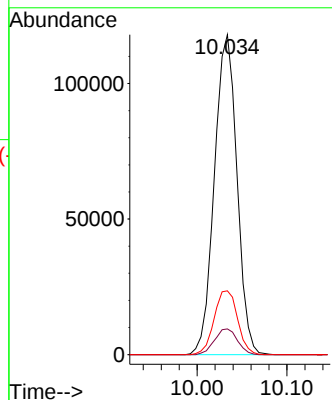
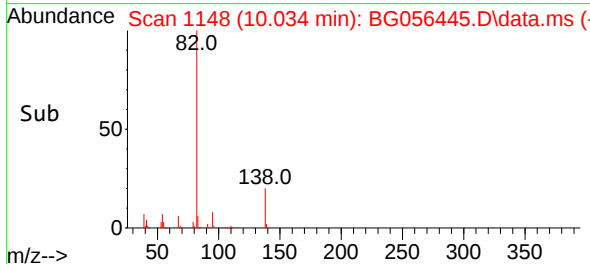
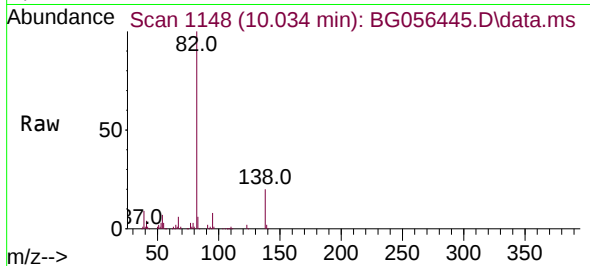
#25
Isophorone
Concen: 37.709 ng
RT: 10.034 min Scan# 1154
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD

Tgt Ion: 82 Resp: 20644
Ion Ratio Lower Upper
82 100
95 8.0 6.7 10.1
138 19.9 13.7 20.5

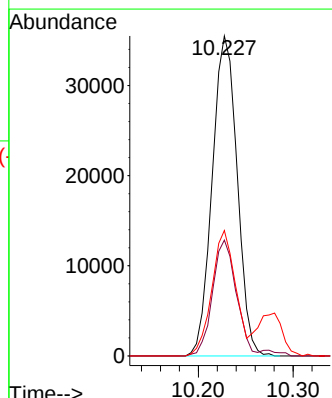
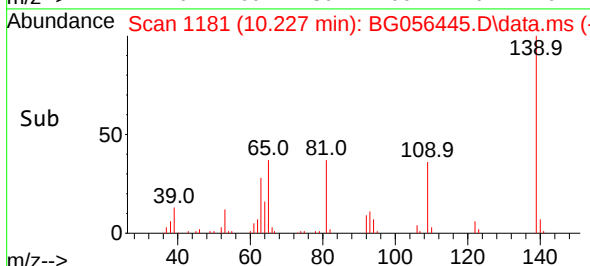
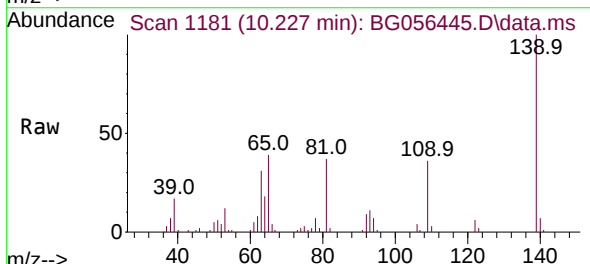
Manual Integrations
APPROVED

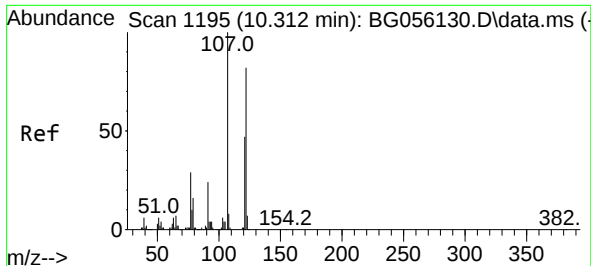
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#26
2-Nitrophenol
Concen: 49.177 ng
RT: 10.227 min Scan# 1181
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

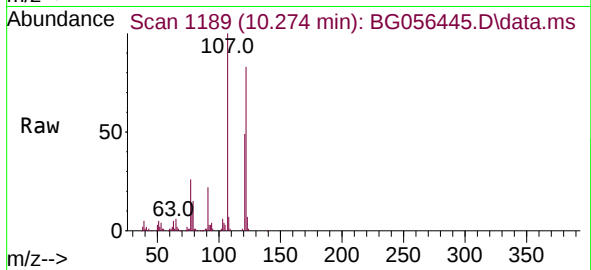
Tgt Ion:139 Resp: 64880
Ion Ratio Lower Upper
139 100
109 36.2 28.4 42.6
65 39.2 32.1 48.1





#27
2,4-Dimethylphenol
Concen: 48.680 ng
RT: 10.274 min Scan# 1189
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

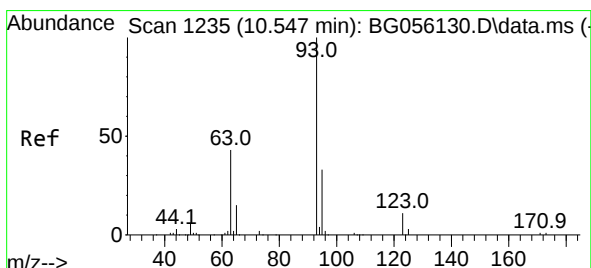
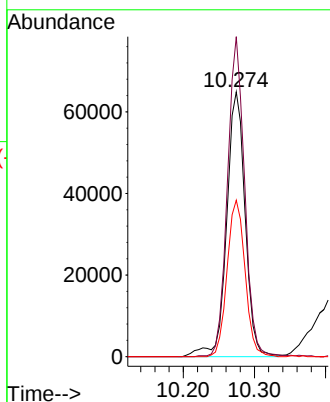
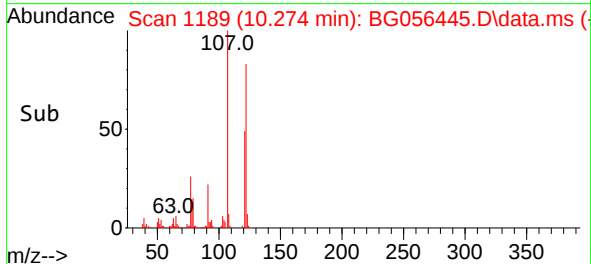
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:122 Resp: 117139
Ion Ratio Lower Upper
122 100
107 120.8 97.5 146.3
121 59.1 45.9 68.9

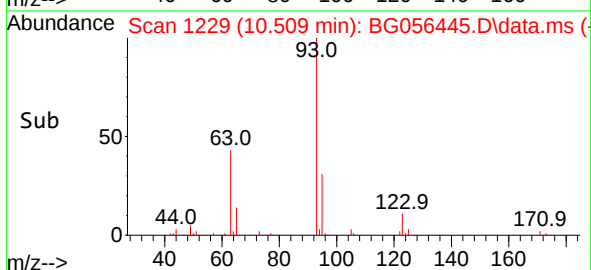
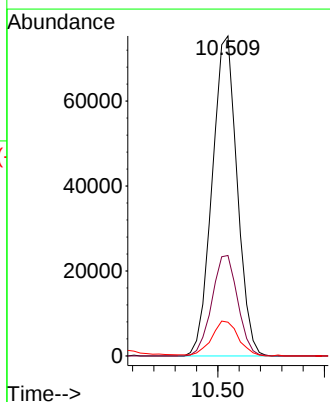
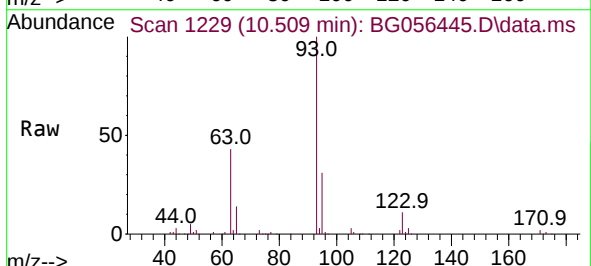
Manual Integrations
APPROVED

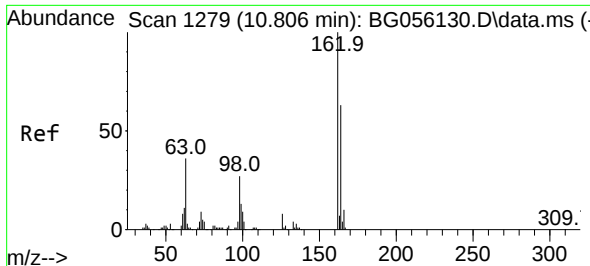
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.135 ng
RT: 10.509 min Scan# 1229
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

Tgt Ion: 93 Resp: 122735
Ion Ratio Lower Upper
93 100
95 31.4 26.2 39.2
123 10.5 9.0 13.6





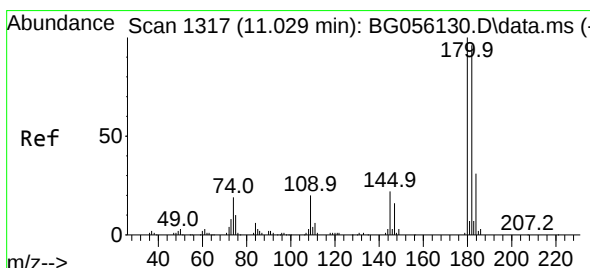
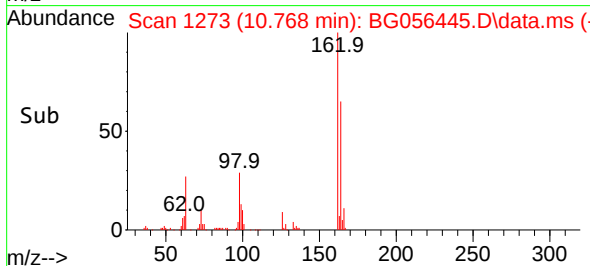
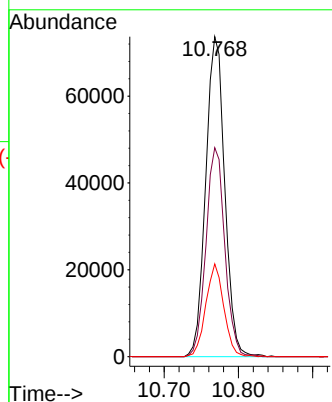
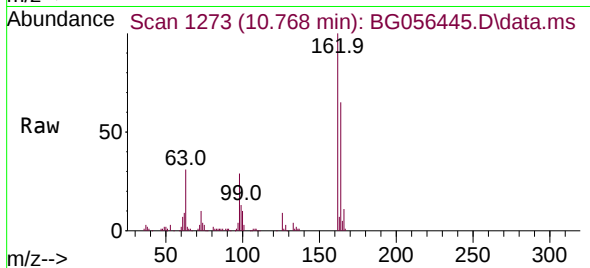
#29
2,4-Dichlorophenol
Concen: 49.287 ng
RT: 10.768 min Scan# 1311
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD

Tgt Ion:162 Resp: 131119
Ion Ratio Lower Upper
162 100
164 65.3 43.3 83.3
98 29.0 6.8 46.8

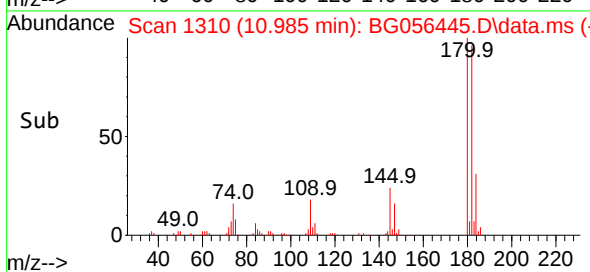
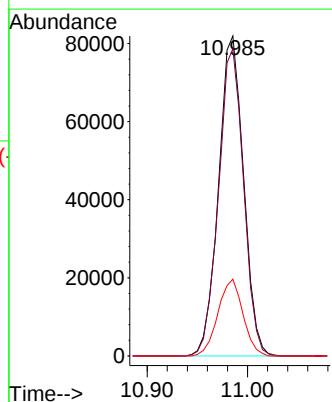
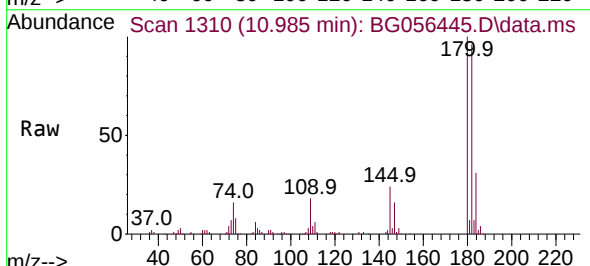
Manual Integrations
APPROVED

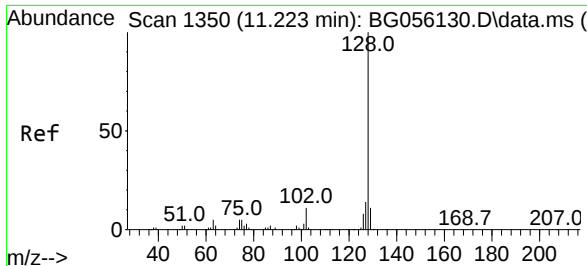
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#30
1,2,4-Trichlorobenzene
Concen: 46.929 ng
RT: 10.985 min Scan# 1310
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

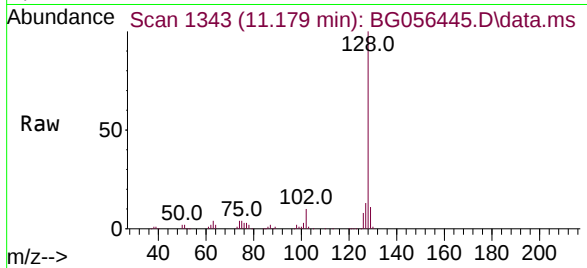
Tgt Ion:180 Resp: 141675
Ion Ratio Lower Upper
180 100
182 96.0 77.0 115.4
145 24.0 17.4 26.2





#31
Naphthalene
Concen: 46.744 ng
RT: 11.179 min Scan# 1350
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

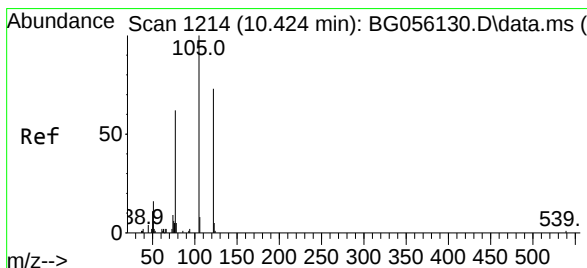
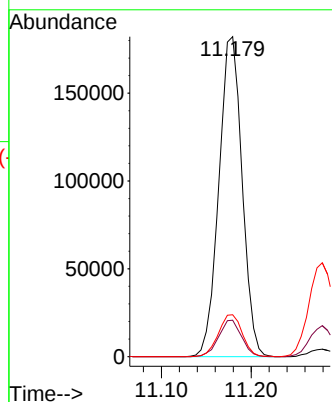
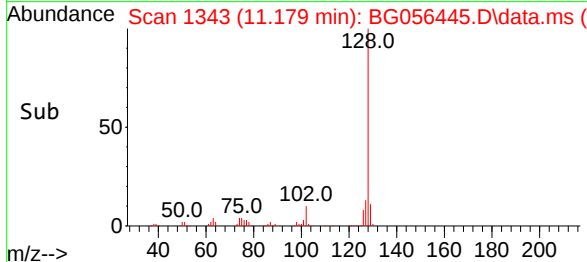
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:128 Resp: 327424
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.1 11.2 16.8

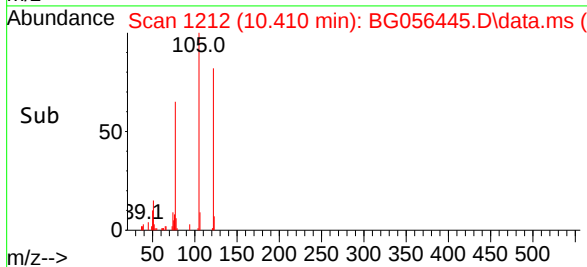
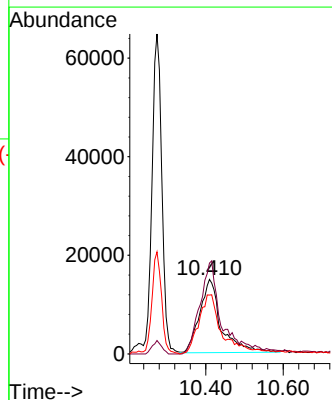
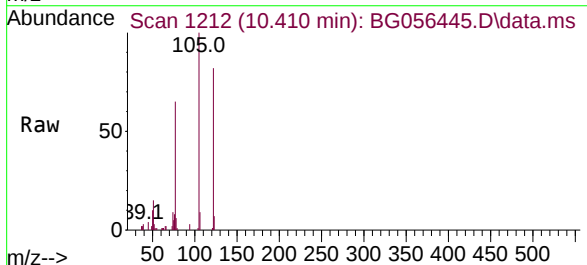
Manual Integrations
APPROVED

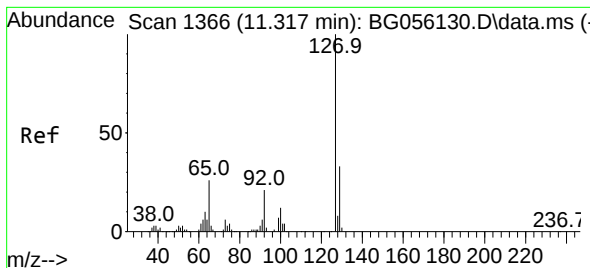
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#32
Benzoic acid
Concen: 32.134 ng
RT: 10.410 min Scan# 1212
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

Tgt Ion:122 Resp: 57373
Ion Ratio Lower Upper
122 100
105 121.7 109.0 149.0
77 78.8 63.1 103.1





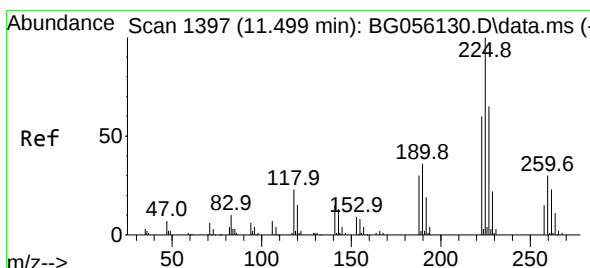
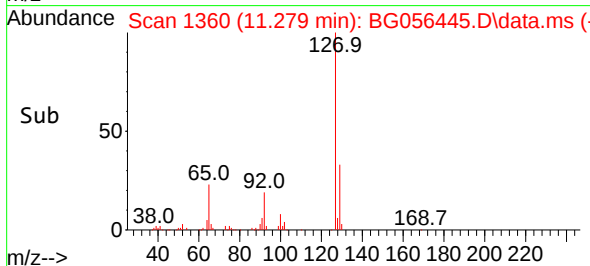
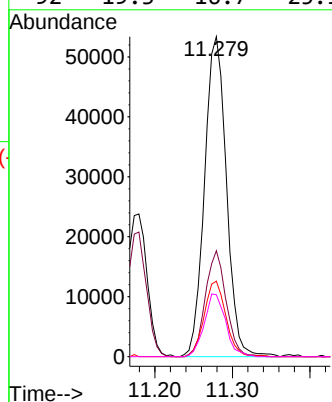
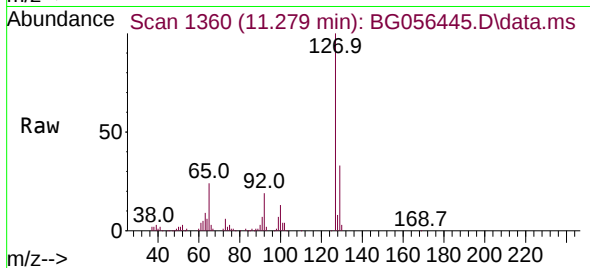
#33
4-Chloroaniline
Concen: 31.303 ng
RT: 11.279 min Scan# 1366
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD

Tgt Ion:	127	Resp:	104686
Ion Ratio	Lower	Upper	
127	100		
129	33.1	26.1	39.1
65	23.6	20.9	31.3
92	19.3	16.7	25.1

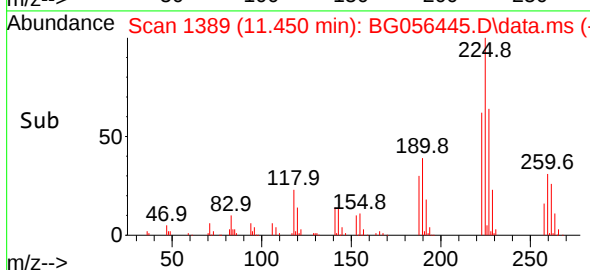
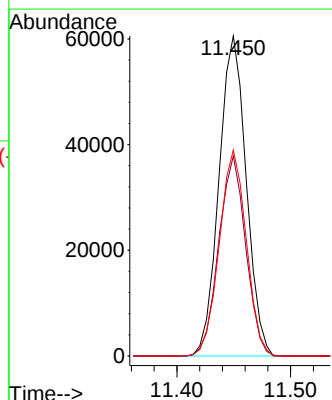
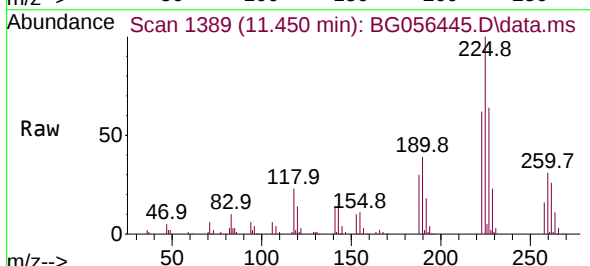
Manual Integrations
APPROVED

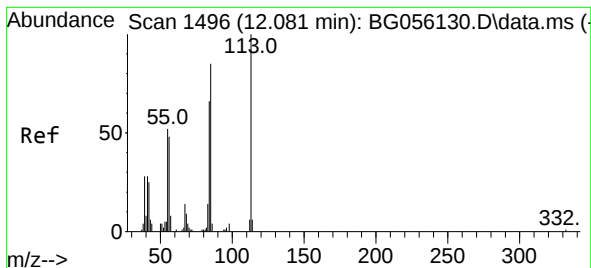
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#34
Hexachlorobutadiene
Concen: 46.370 ng
RT: 11.450 min Scan# 1389
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

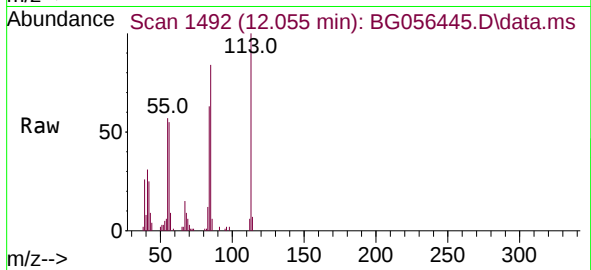
Tgt Ion:	225	Resp:	100683
Ion Ratio	Lower	Upper	
225	100		
223	62.5	47.7	71.5
227	64.3	52.3	78.5





#35
Caprolactam
Concen: 42.005 ng m
RT: 12.055 min Scan# 1496
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

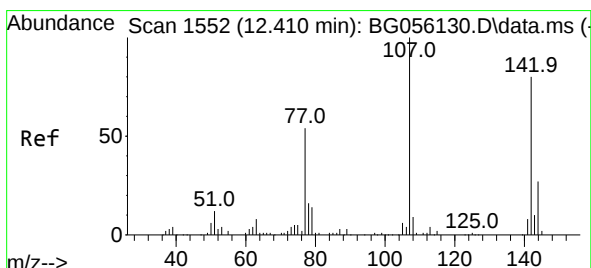
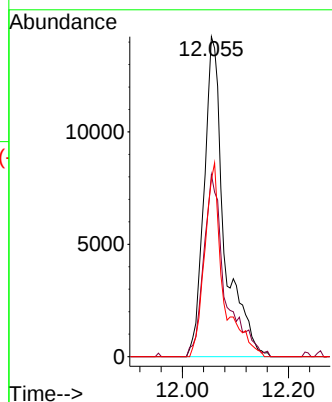
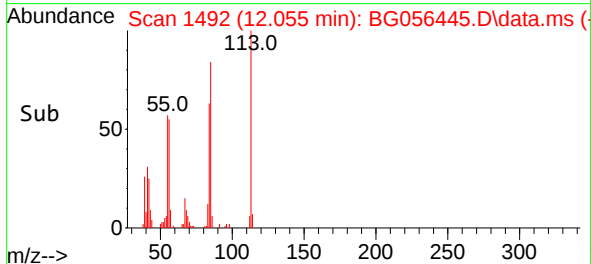
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



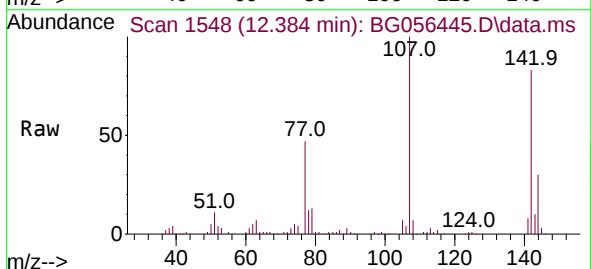
Tgt Ion:113 Resp: 37834
Ion Ratio Lower Upper
113 100
55 56.9 31.9 71.9
56 55.2 27.6 67.6

Manual Integrations
APPROVED

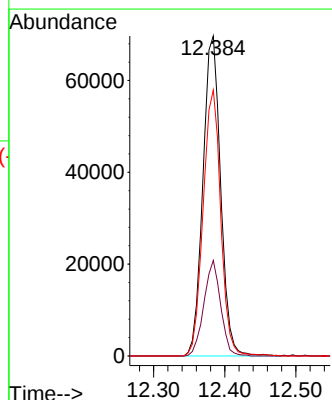
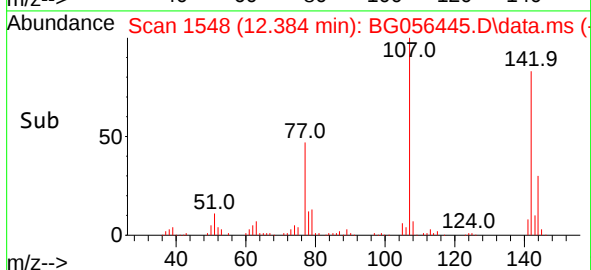
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

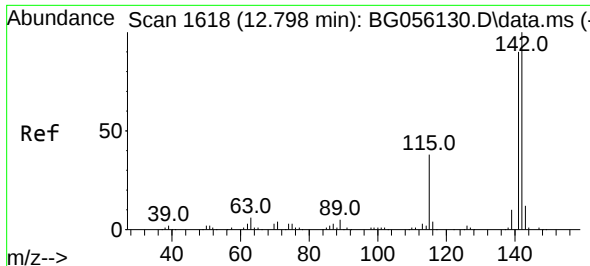


#36
4-Chloro-3-methylphenol
Concen: 44.556 ng
RT: 12.384 min Scan# 1548
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28



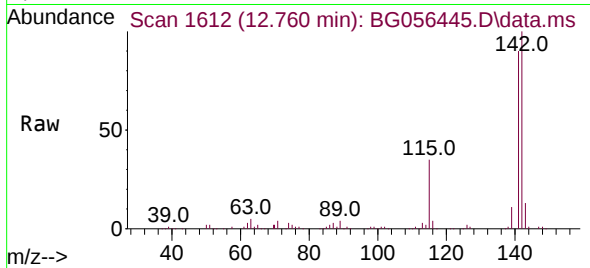
Tgt Ion:107 Resp: 120277
Ion Ratio Lower Upper
107 100
144 29.8 21.5 32.3
142 83.1 63.8 95.6





#37
2-Methylnaphthalene
Concen: 43.317 ng
RT: 12.760 min Scan# 1612
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

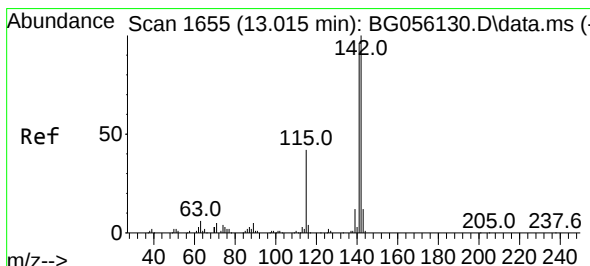
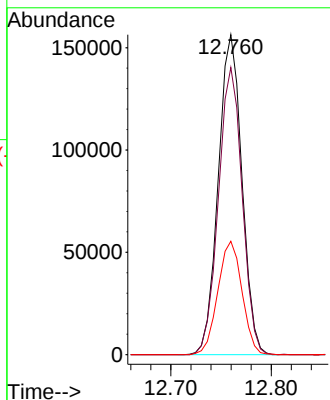
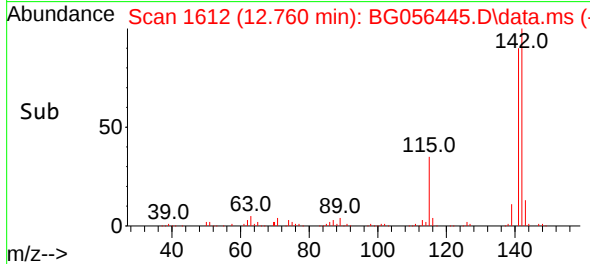
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:142 Resp: 256191
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.4
115 35.4 30.7 46.1

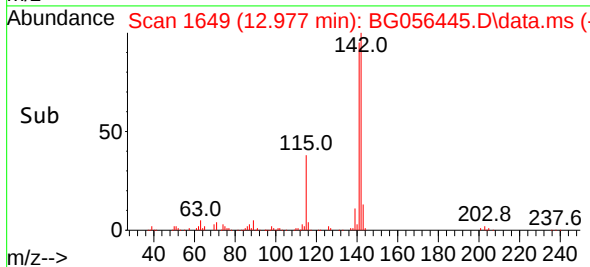
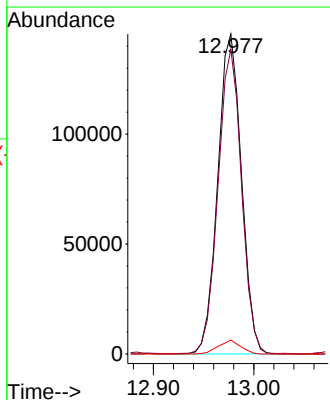
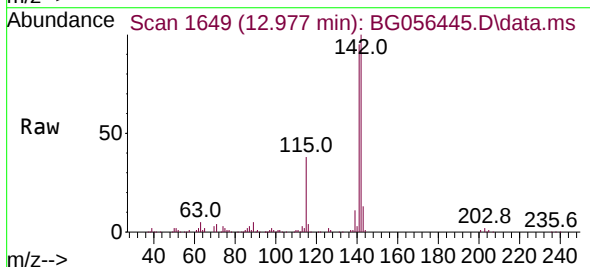
Manual Integrations
APPROVED

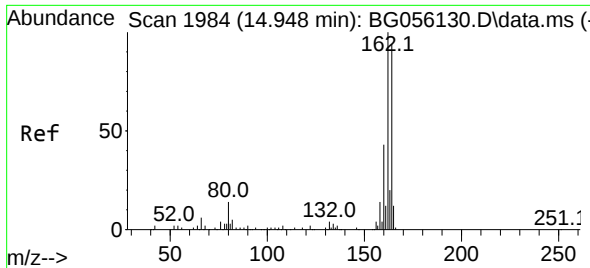
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#38
1-Methylnaphthalene
Concen: 43.506 ng
RT: 12.977 min Scan# 1649
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

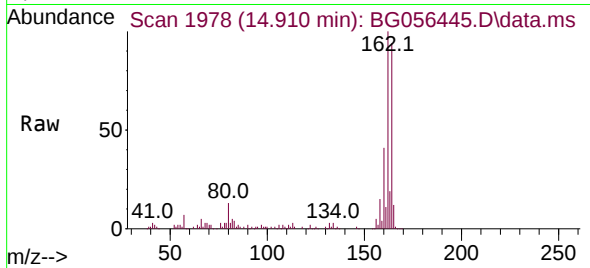
Tgt Ion:142 Resp: 238943
Ion Ratio Lower Upper
142 100
141 95.2 77.0 115.6
116 4.3 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.910 min Scan# 1984
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

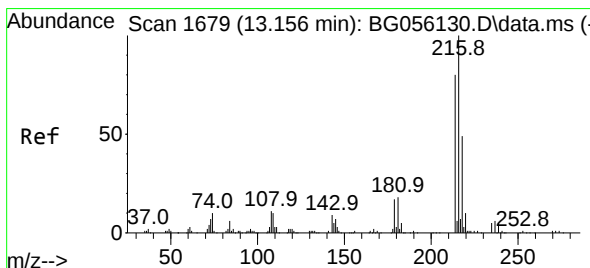
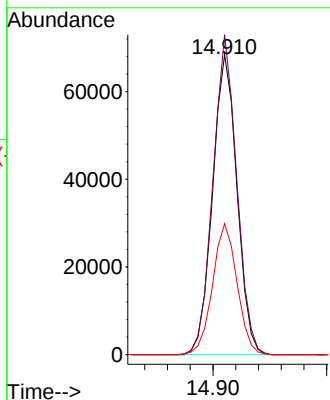
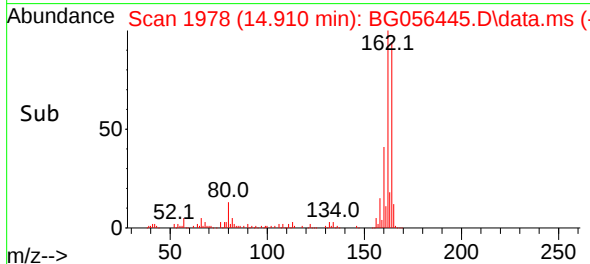
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



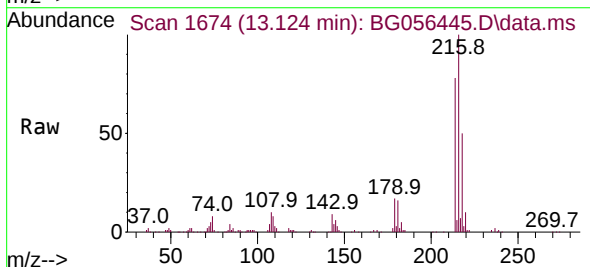
Tgt Ion:164 Resp: 101701
Ion Ratio Lower Upper
164 100
162 106.7 84.7 127.1
160 43.7 36.3 54.5

Manual Integrations
APPROVED

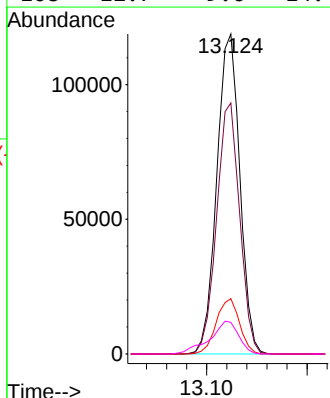
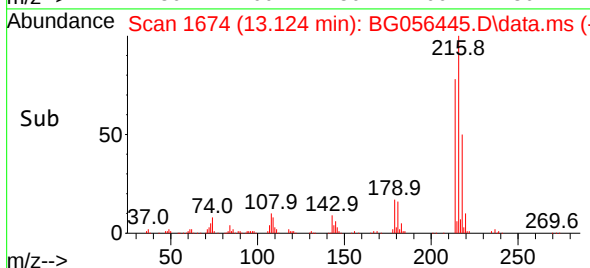
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

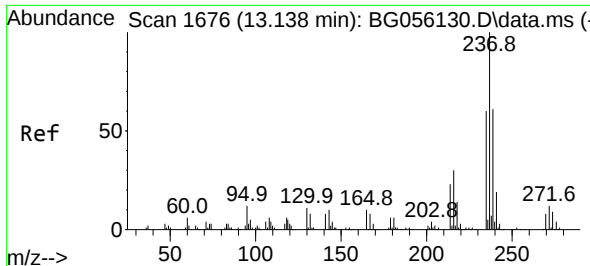


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.761 ng
RT: 13.124 min Scan# 1674
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28



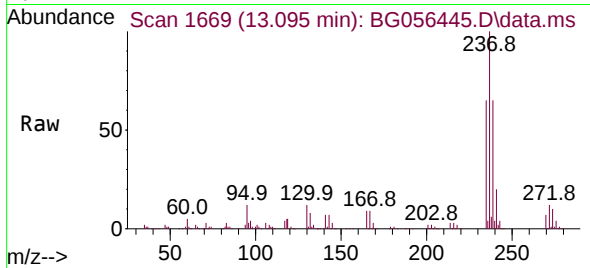
Tgt Ion:216 Resp: 189674
Ion Ratio Lower Upper
216 100
214 78.4 63.4 95.0
179 17.4 13.6 20.4
108 12.7 9.6 14.4





#41
Hexachlorocyclopentadiene
Concen: 101.183 ng
RT: 13.095 min Scan# 1669
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

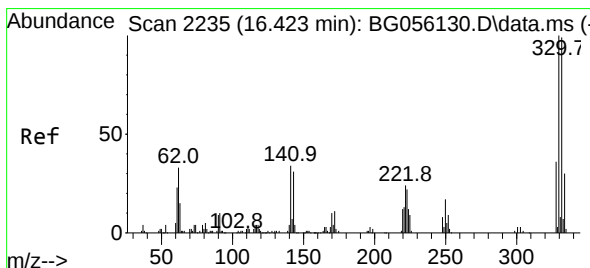
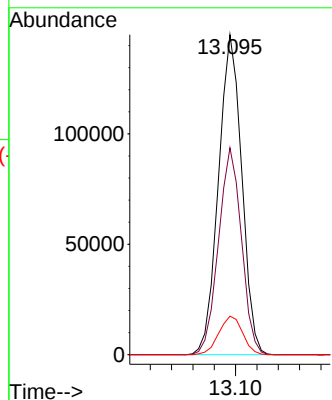
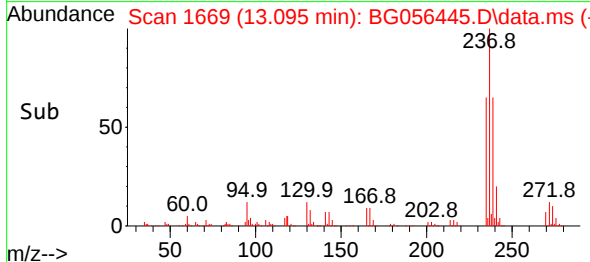
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:237 Resp: 21988
Ion Ratio Lower Upper
237 100
235 64.7 40.3 80.3
272 12.0 0.0 32.5

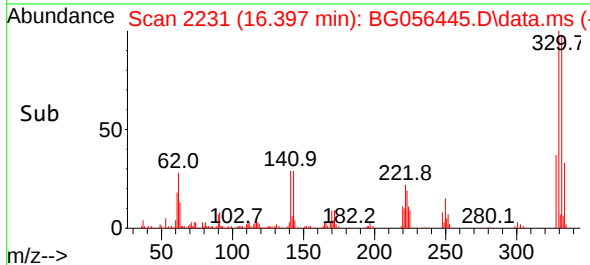
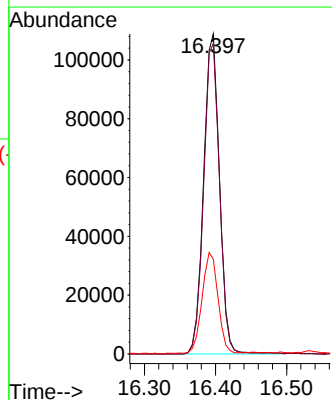
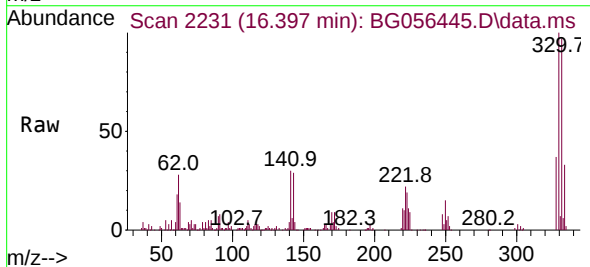
Manual Integrations
APPROVED

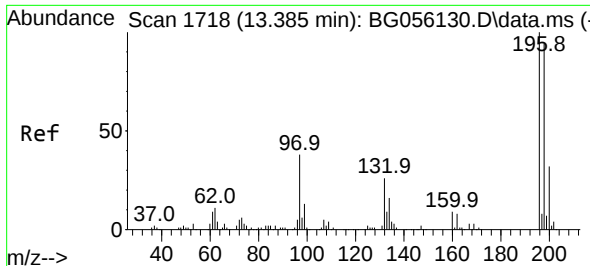
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#42
2,4,6-Tribromophenol
Concen: 130.417 ng
RT: 16.397 min Scan# 2231
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

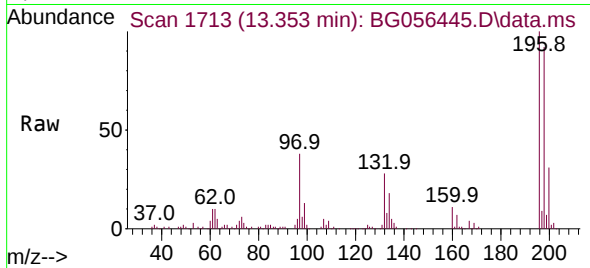
Tgt Ion:330 Resp: 167980
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 32.2 27.9 41.9





#43
2,4,6-Trichlorophenol
Concen: 50.320 ng
RT: 13.353 min Scan# 1718
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

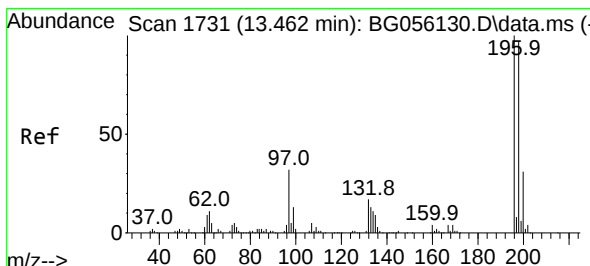
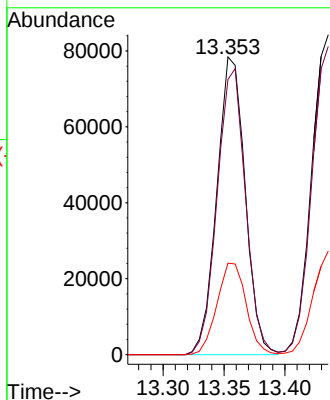
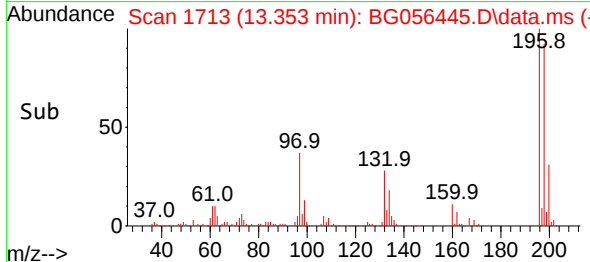
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



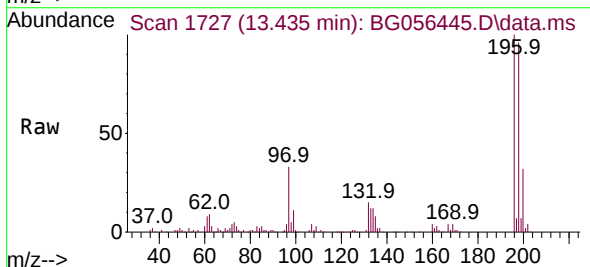
Tgt Ion:196 Resp: 126831
Ion Ratio Lower Upper
196 100
198 92.4 75.5 113.3
200 30.7 25.7 38.5

Manual Integrations
APPROVED

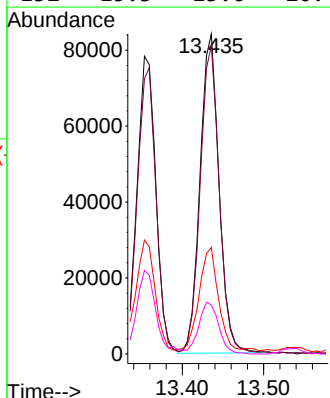
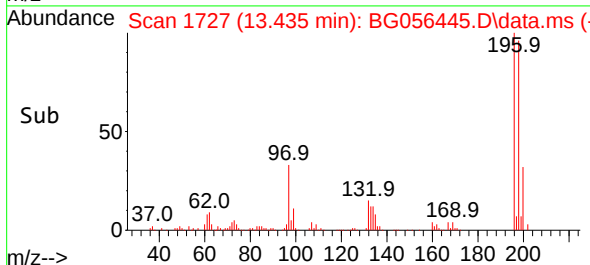
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

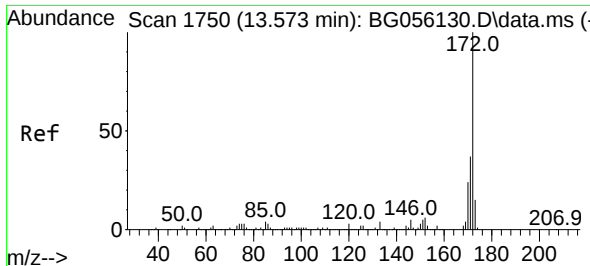


#44
2,4,5-Trichlorophenol
Concen: 46.002 ng
RT: 13.435 min Scan# 1727
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28



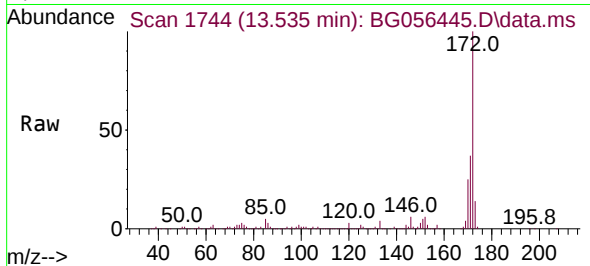
Tgt Ion:196 Resp: 137156
Ion Ratio Lower Upper
196 100
198 96.3 78.0 117.0
97 33.2 25.7 38.5
132 15.3 13.6 20.4





#45
2-Fluorobiphenyl
Concen: 77.563 ng
RT: 13.535 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

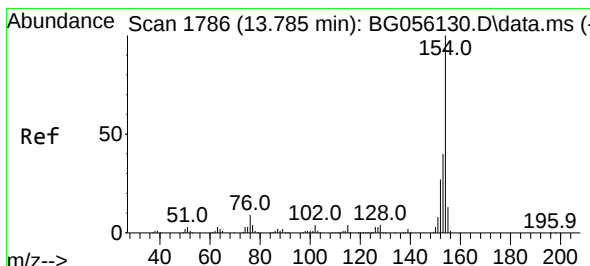
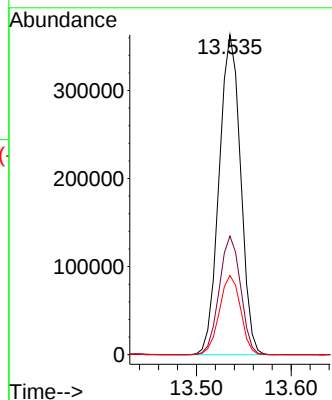
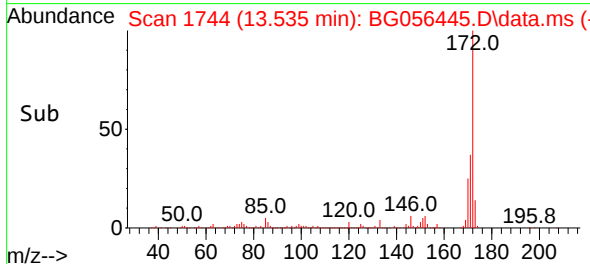
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



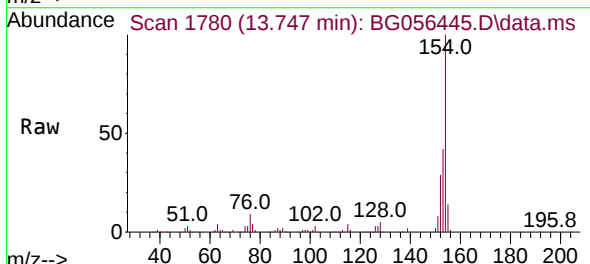
Tgt Ion:172 Resp: 571242
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 24.7 19.4 29.2

Manual Integrations
APPROVED

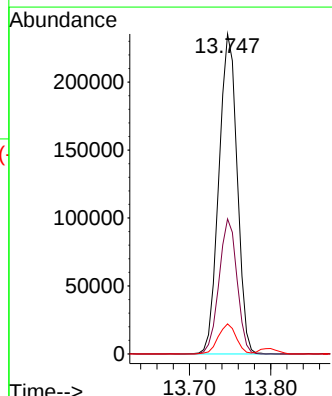
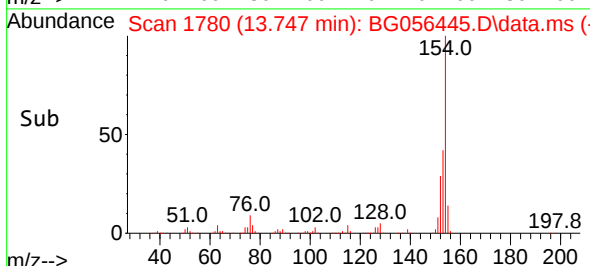
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

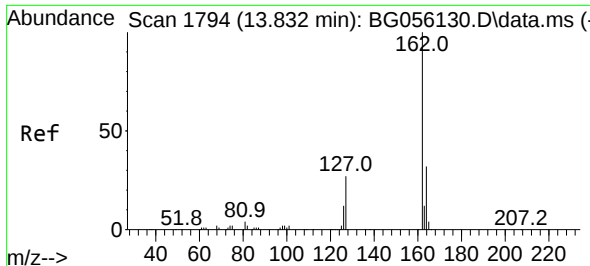


#46
1,1'-Biphenyl
Concen: 50.490 ng
RT: 13.747 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28



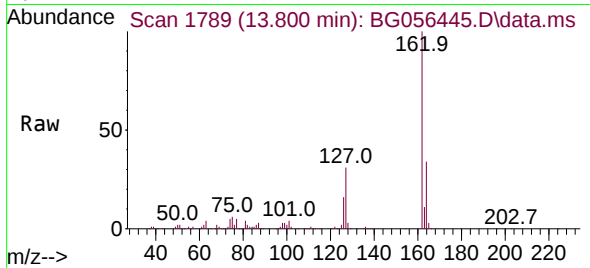
Tgt Ion:154 Resp: 367746
Ion Ratio Lower Upper
154 100
153 42.2 20.0 60.0
76 9.4 0.0 29.3





#47
2-Chloronaphthalene
Concen: 50.779 ng
RT: 13.800 min Scan# 1794
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

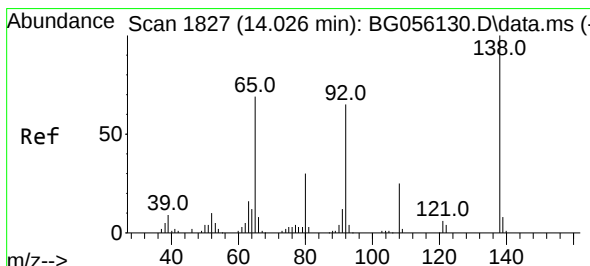
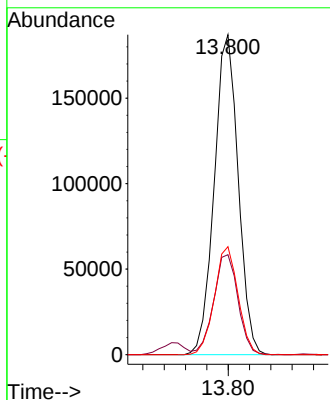
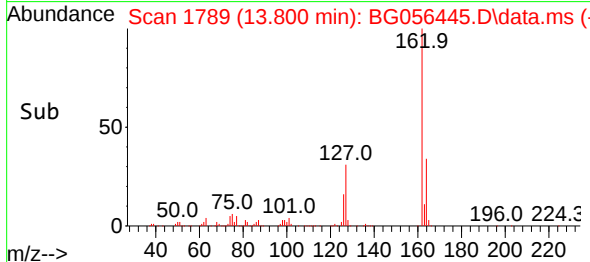
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



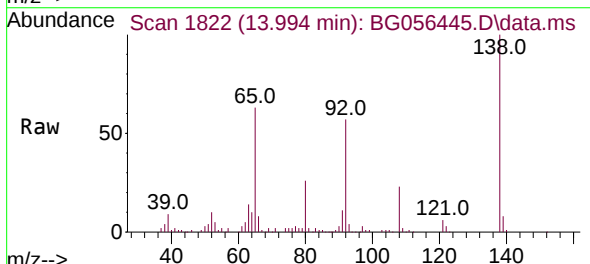
Tgt Ion:162 Resp: 291930
Ion Ratio Lower Upper
162 100
127 31.2 24.6 36.8
164 33.7 25.8 38.8

Manual Integrations
APPROVED

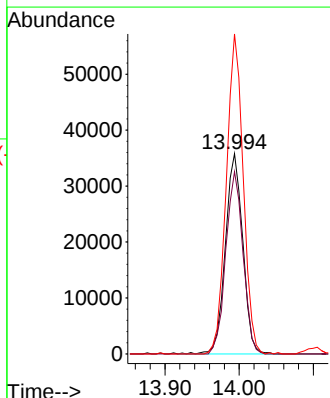
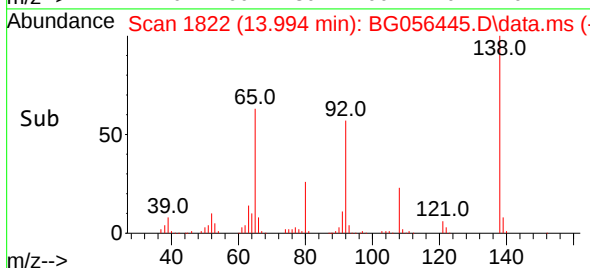
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

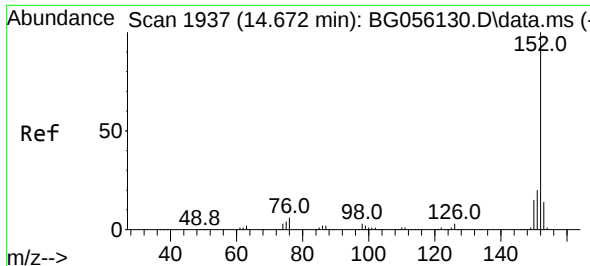


#48
2-Nitroaniline
Concen: 47.552 ng
RT: 13.994 min Scan# 1822
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28



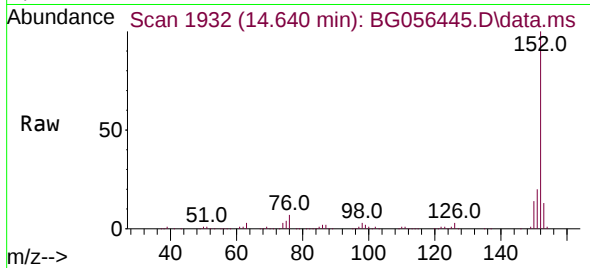
Tgt Ion: 65 Resp: 58246
Ion Ratio Lower Upper
65 100
92 90.9 76.0 114.0
138 159.8 116.6 174.8





#49
Acenaphthylene
Concen: 47.413 ng
RT: 14.640 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

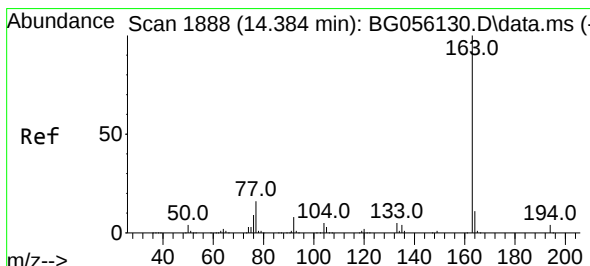
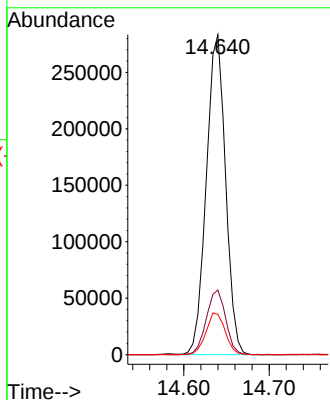
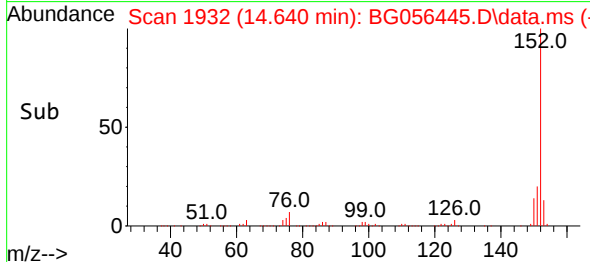
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



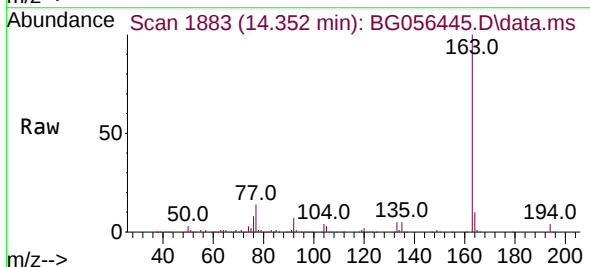
Tgt Ion:152 Resp: 443571
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 12.6 11.0 16.6

Manual Integrations
APPROVED

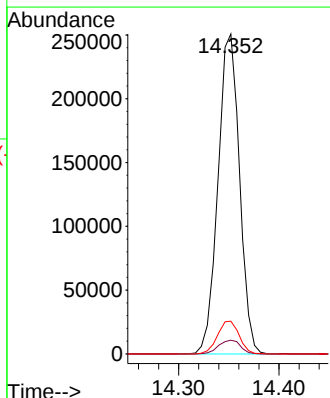
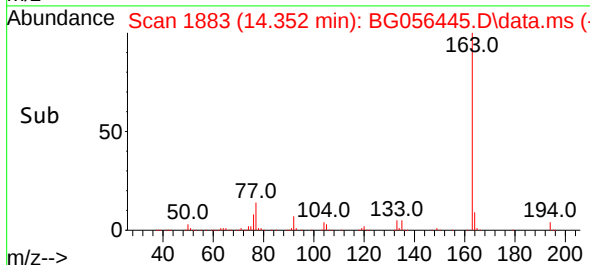
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

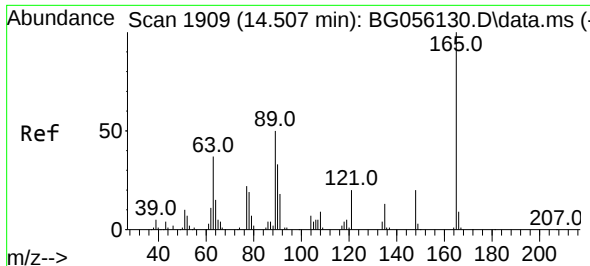


#50
Dimethylphthalate
Concen: 45.579 ng
RT: 14.352 min Scan# 1883
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28



Tgt Ion:163 Resp: 374198
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.2 8.7 13.1





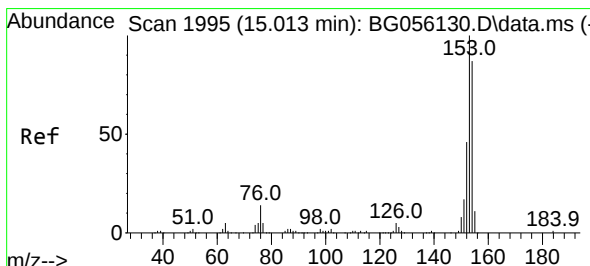
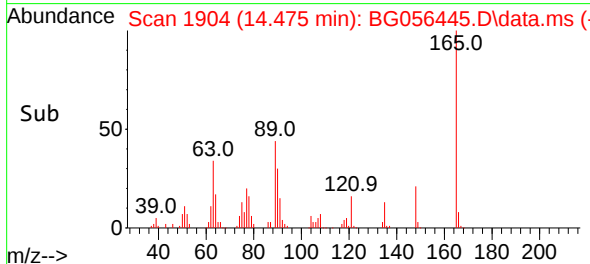
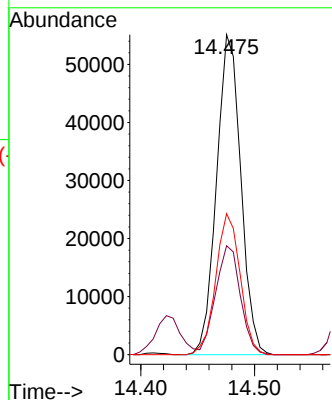
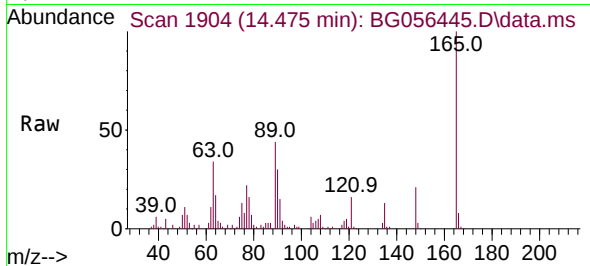
#51
2,6-Dinitrotoluene
Concen: 46.760 ng
RT: 14.475 min Scan# 1909
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD

Tgt Ion:165 Resp: 8180
Ion Ratio Lower Upper
165 100
63 34.0 32.2 48.2
89 44.0 39.8 59.8

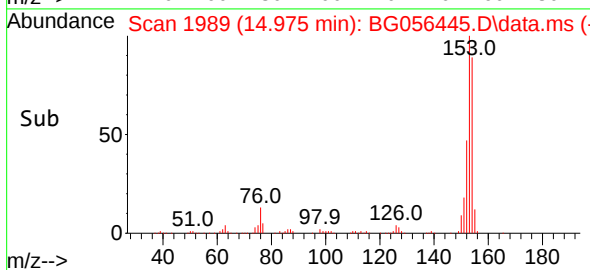
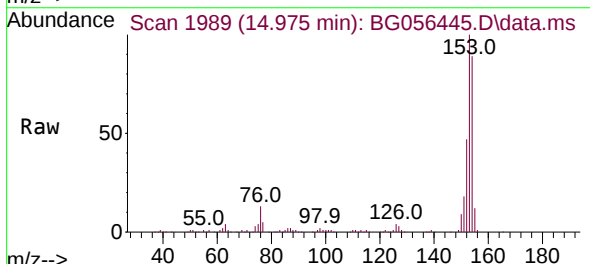
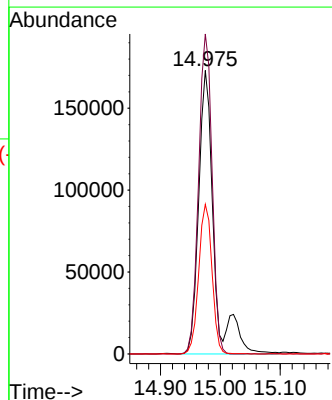
Manual Integrations
APPROVED

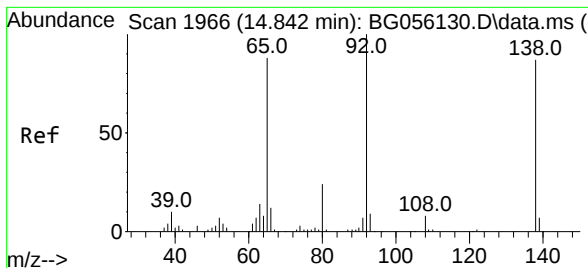
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#52
Acenaphthene
Concen: 50.511 ng m
RT: 14.975 min Scan# 1989
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

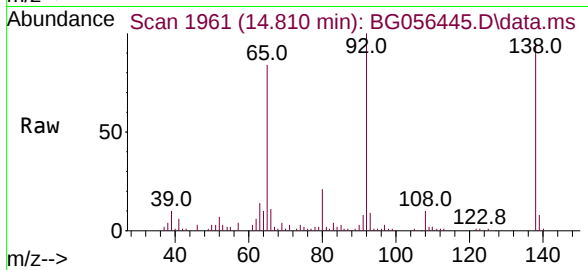
Tgt Ion:154 Resp: 307346
Ion Ratio Lower Upper
154 100
153 112.9 92.0 138.0
152 52.7 42.5 63.7





#53
3-Nitroaniline
Concen: 35.261 ng
RT: 14.810 min Scan# 1961
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

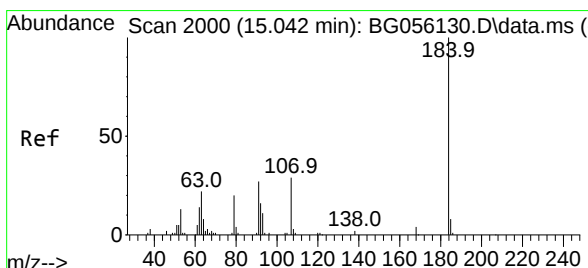
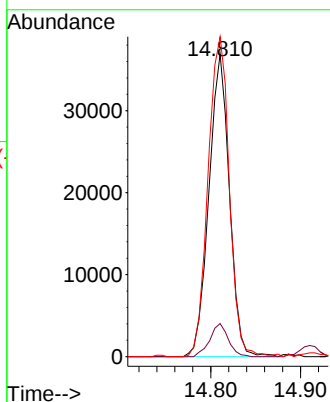
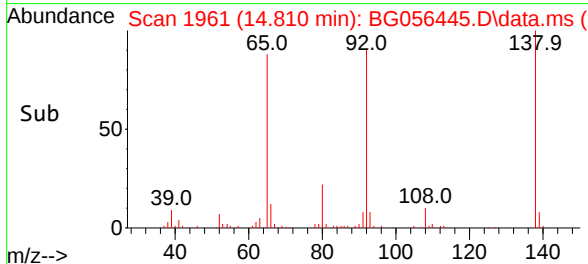
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



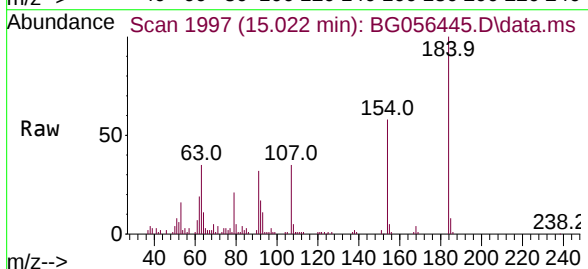
Tgt Ion:138 Resp: 58706
Ion Ratio Lower Upper
138 100
108 10.9 7.6 11.4
92 105.8 91.7 137.5

Manual Integrations
APPROVED

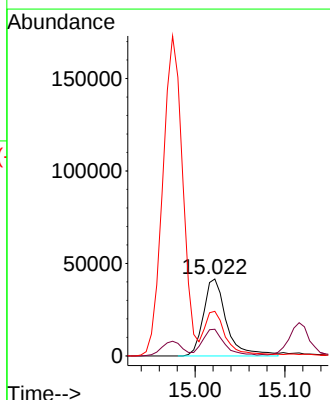
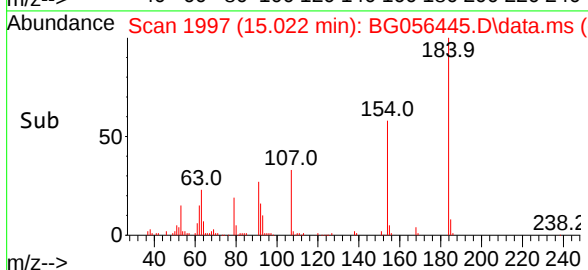
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

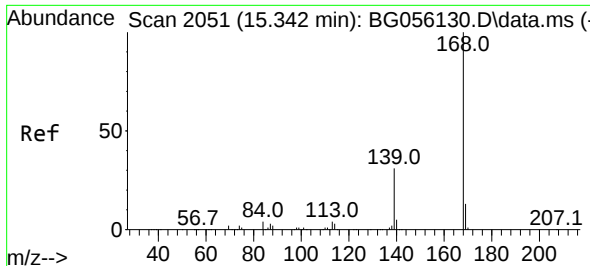


#54
2,4-Dinitrophenol
Concen: 59.308 ng
RT: 15.022 min Scan# 1997
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28



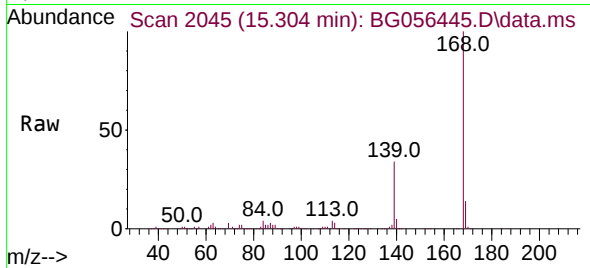
Tgt Ion:184 Resp: 74120
Ion Ratio Lower Upper
184 100
63 34.8 24.0 36.0
154 58.1 45.4 68.0





#55
Dibenzofuran
Concen: 46.469 ng
RT: 15.304 min Scan# 2051
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

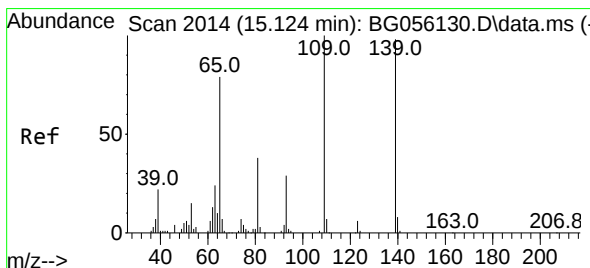
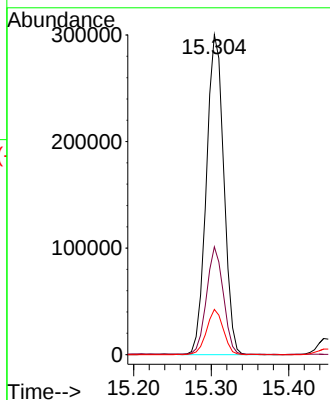
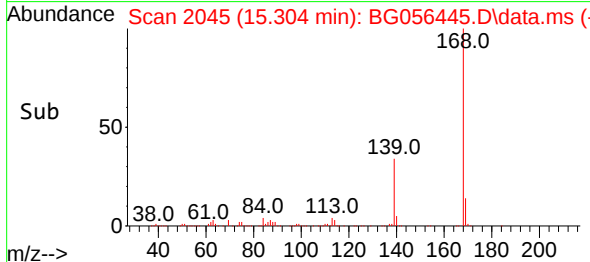
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:168 Resp: 467899
Ion Ratio Lower Upper
168 100
139 33.7 24.7 37.1
169 14.1 10.3 15.5

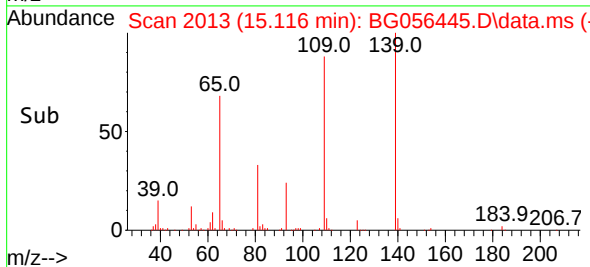
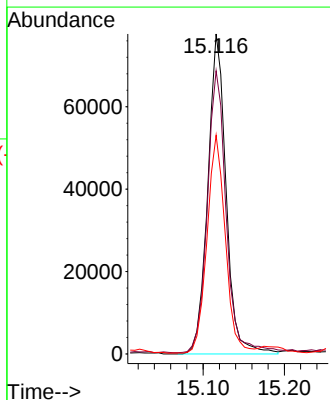
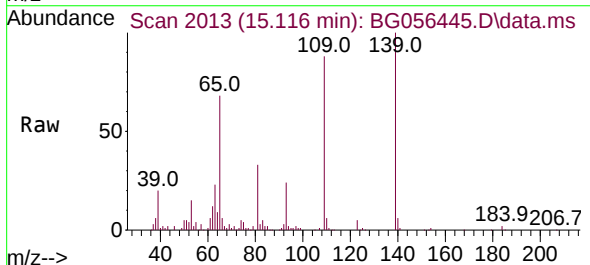
Manual Integrations
APPROVED

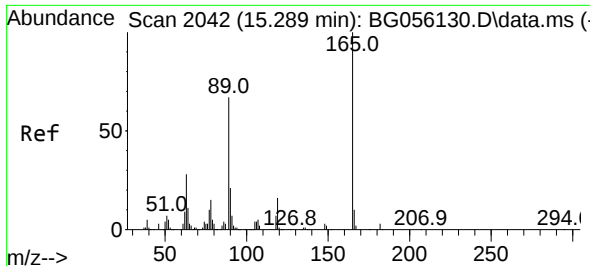
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#56
4-Nitrophenol
Concen: 95.159 ng
RT: 15.116 min Scan# 2013
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

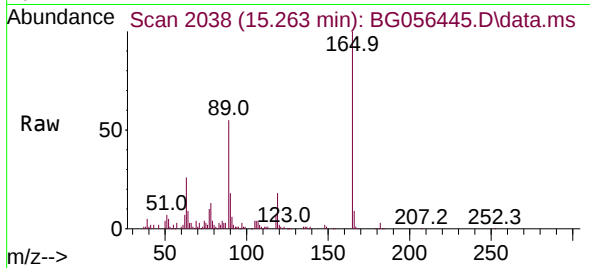
Tgt Ion:139 Resp: 121848
Ion Ratio Lower Upper
139 100
109 88.5 82.2 122.2
65 68.3 60.6 100.6





#57
2,4-Dinitrotoluene
Concen: 47.585 ng
RT: 15.263 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

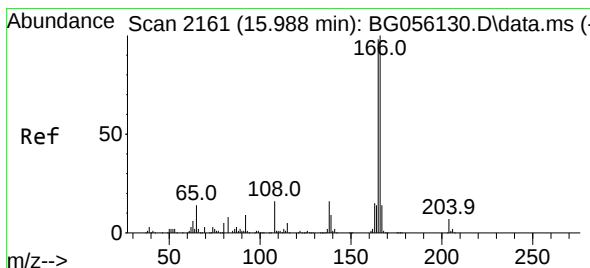
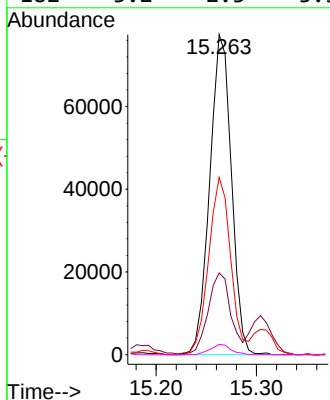
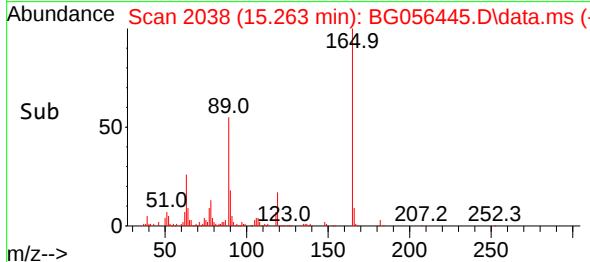
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:165 Resp: 116420
Ion Ratio Lower Upper
165 100
63 25.5 22.6 34.0
89 55.4 53.2 79.8
182 3.2 2.3 3.5

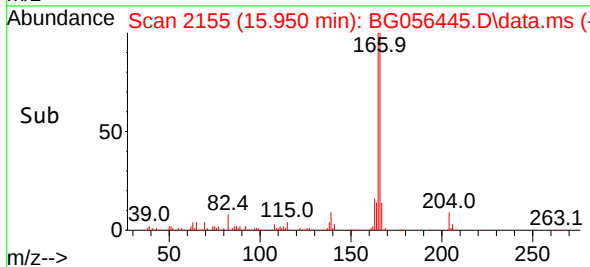
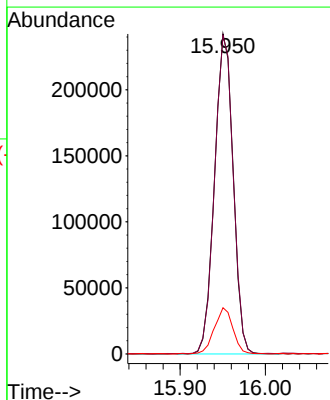
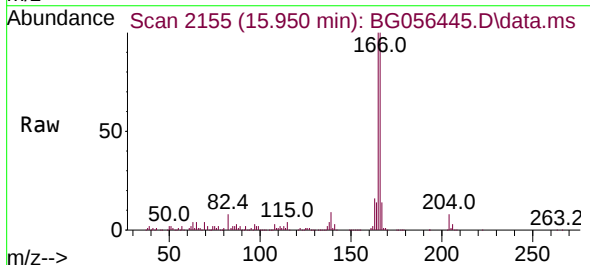
Manual Integrations
APPROVED

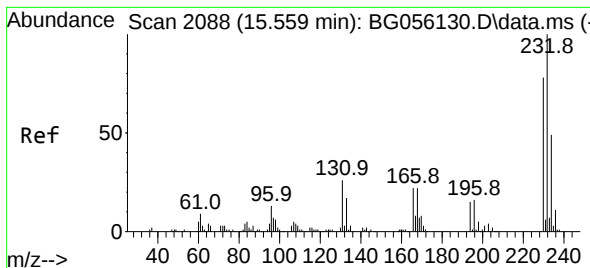
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#58
Fluorene
Concen: 45.226 ng
RT: 15.950 min Scan# 2155
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

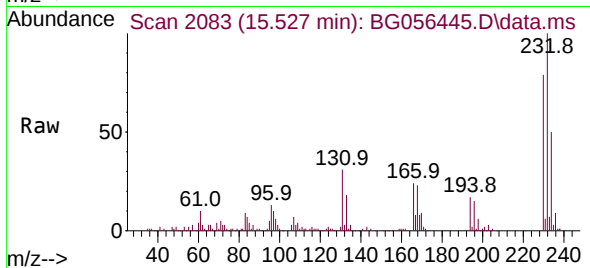
Tgt Ion:166 Resp: 366273
Ion Ratio Lower Upper
166 100
165 99.6 78.6 118.0
167 14.4 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.521 ng
RT: 15.527 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

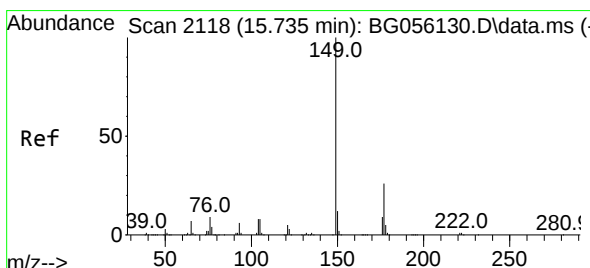
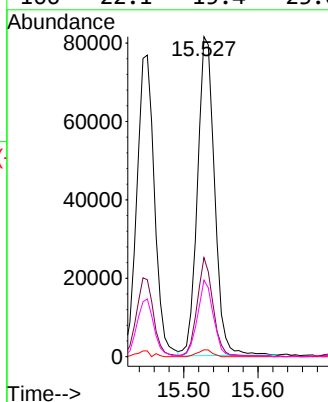
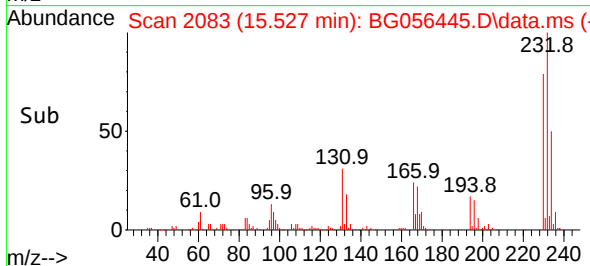
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



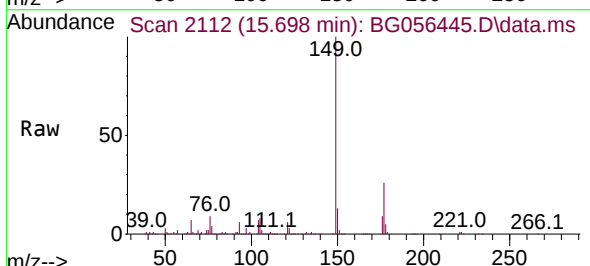
Tgt Ion:232 Resp: 130236
Ion Ratio Lower Upper
232 100
131 28.3 21.4 32.2
130 1.8 1.4 2.0
166 22.1 15.4 23.0

Manual Integrations
APPROVED

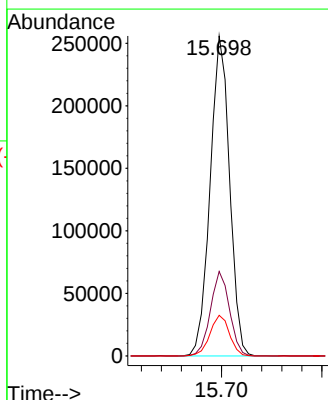
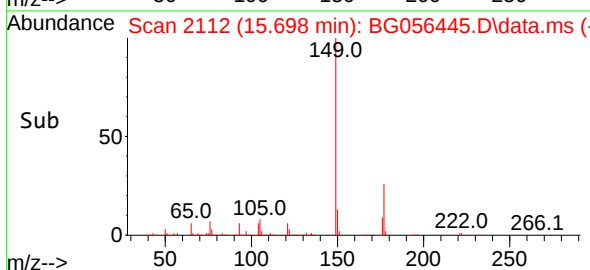
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

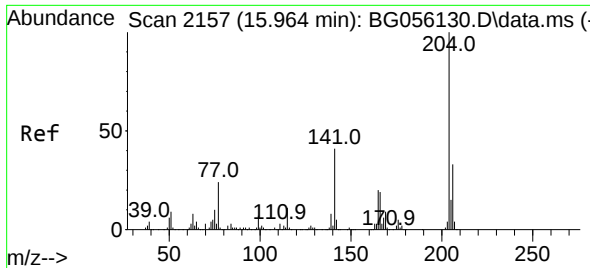


#60
Diethylphthalate
Concen: 44.688 ng
RT: 15.698 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28



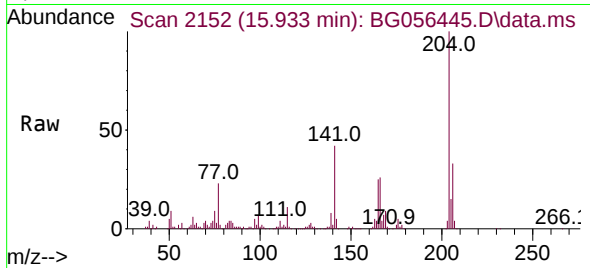
Tgt Ion:149 Resp: 344070
Ion Ratio Lower Upper
149 100
177 26.4 20.6 31.0
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 44.490 ng
RT: 15.933 min Scan# 2152
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

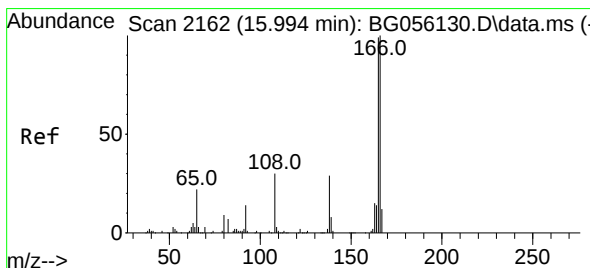
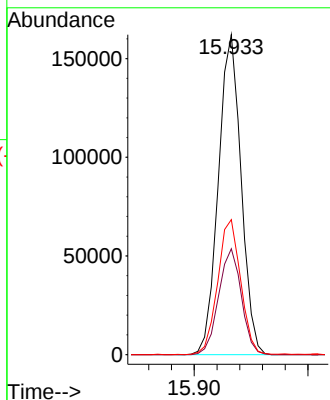
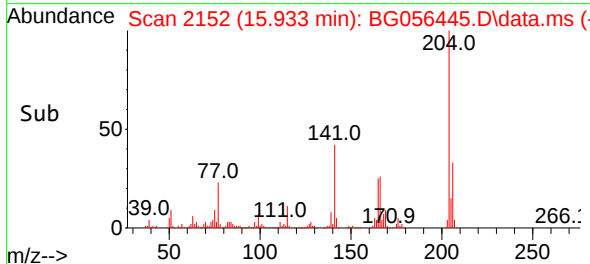
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



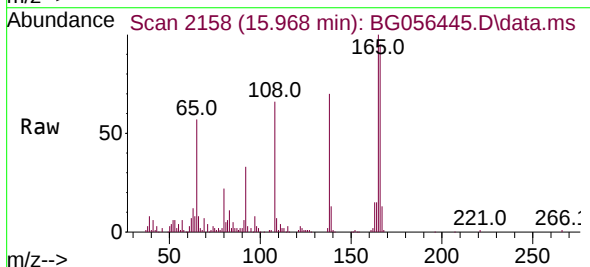
Tgt Ion:204 Resp: 224858
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 42.2 33.0 49.4

Manual Integrations
APPROVED

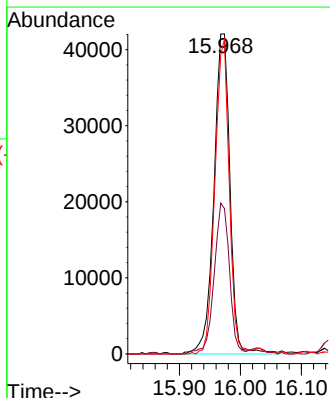
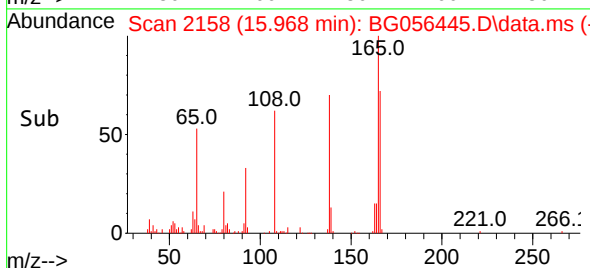
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

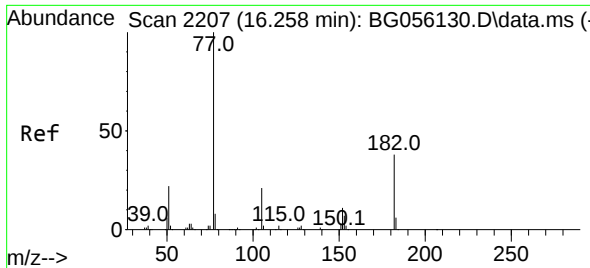


#62
4-Nitroaniline
Concen: 45.233 ng
RT: 15.968 min Scan# 2158
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28



Tgt Ion:138 Resp: 77142
Ion Ratio Lower Upper
138 100
92 47.1 28.6 68.6
108 93.4 83.4 123.4





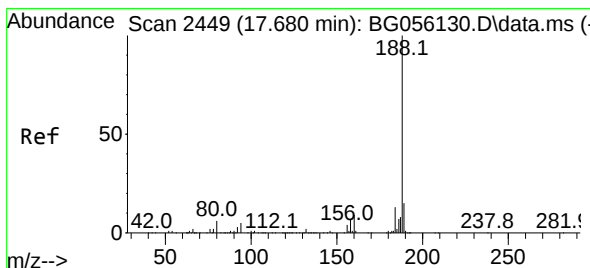
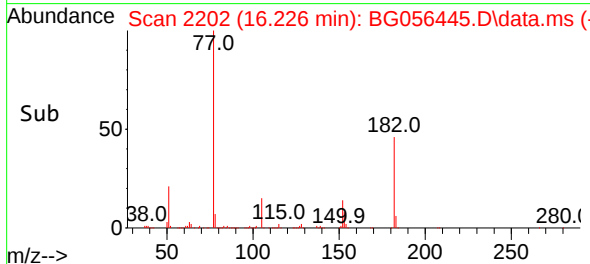
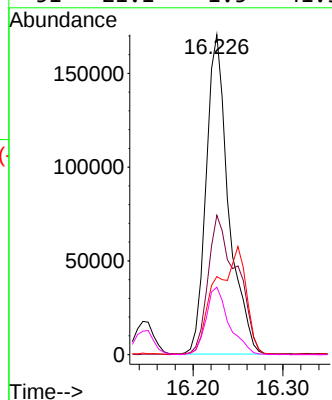
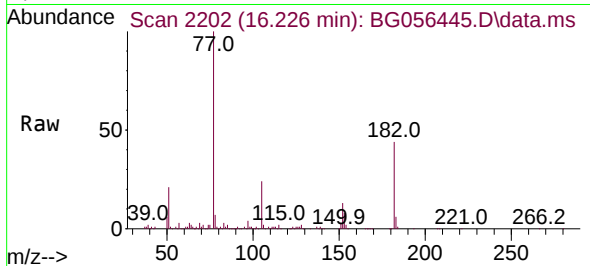
#63
Azobenzene
Concen: 49.619 ng
RT: 16.226 min Scan# 2207
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD

Tgt Ion: 77 Resp: 294811
Ion Ratio Lower Upper
77 100
182 43.5 18.5 58.5
105 24.4 1.4 41.4
51 21.1 1.5 41.5

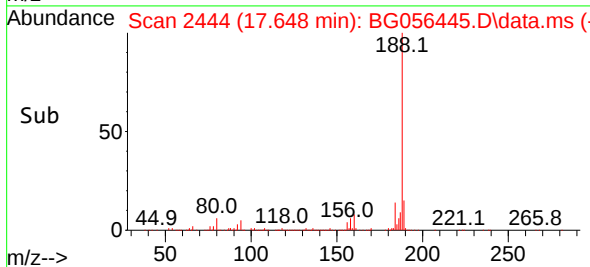
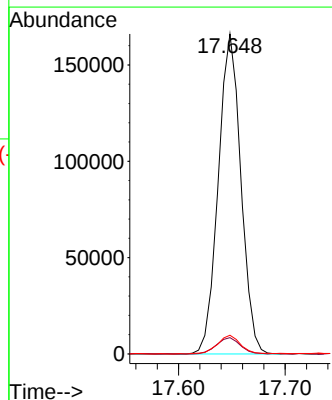
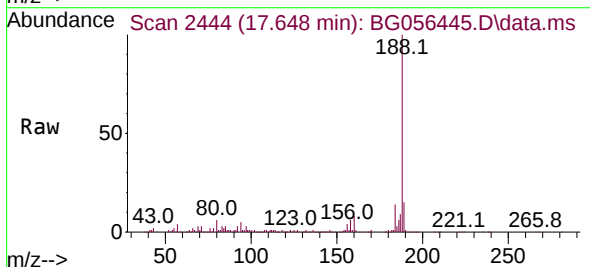
Manual Integrations
APPROVED

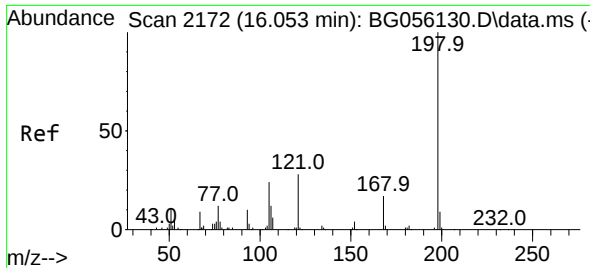
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.648 min Scan# 2444
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

Tgt Ion:188 Resp: 244889
Ion Ratio Lower Upper
188 100
94 5.1 4.2 6.2
80 5.8 5.0 7.4





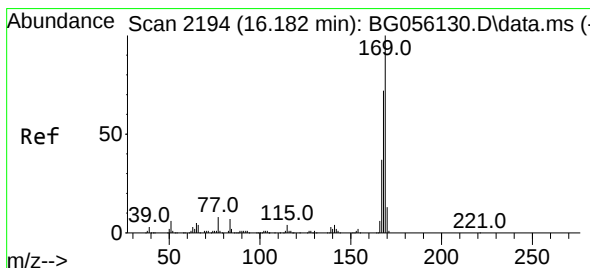
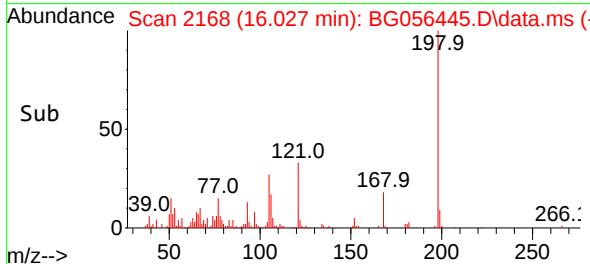
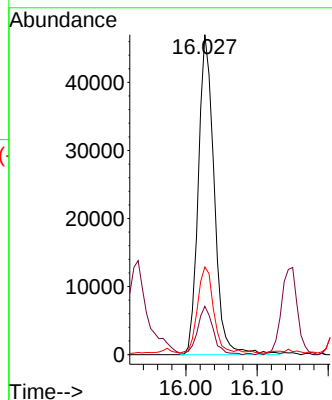
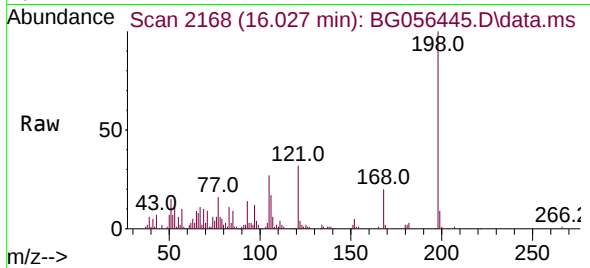
#65
4,6-Dinitro-2-methylphenol
Concen: 44.053 ng
RT: 16.027 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD

Tgt Ion:198 Resp: 72684
Ion Ratio Lower Upper
198 100
51 15.1 0.0 33.2
105 27.4 4.9 44.9

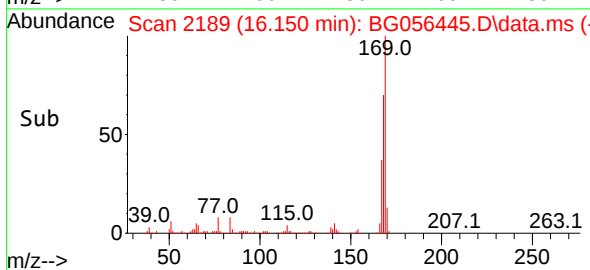
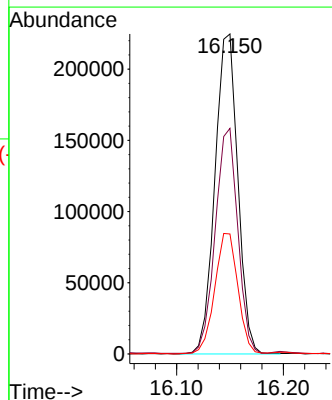
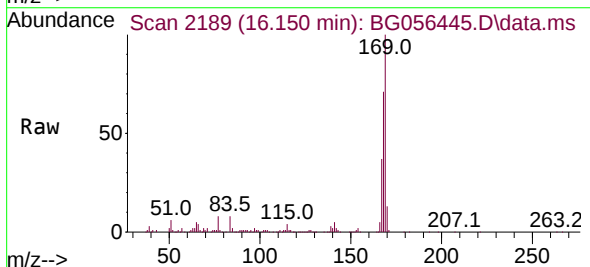
Manual Integrations
APPROVED

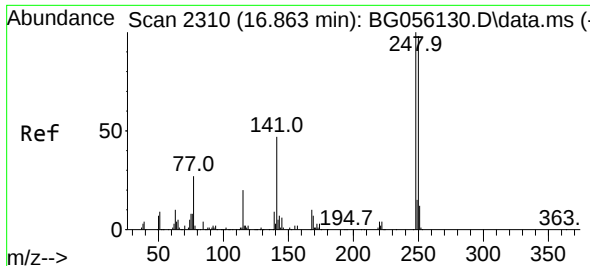
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#66
n-Nitrosodiphenylamine
Concen: 49.384 ng
RT: 16.150 min Scan# 2189
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

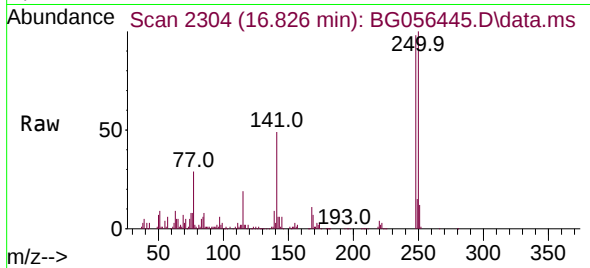
Tgt Ion:169 Resp: 335540
Ion Ratio Lower Upper
169 100
168 70.5 58.0 87.0
167 37.5 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 47.816 ng
RT: 16.826 min Scan# 2310
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

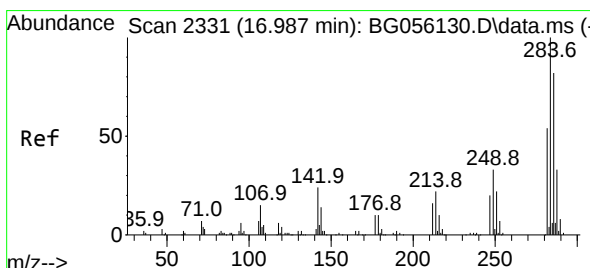
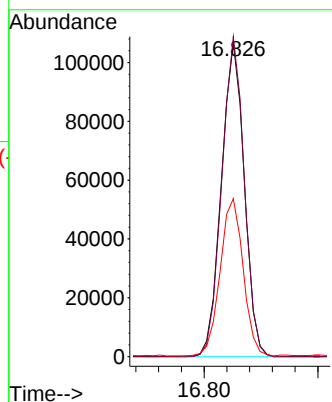
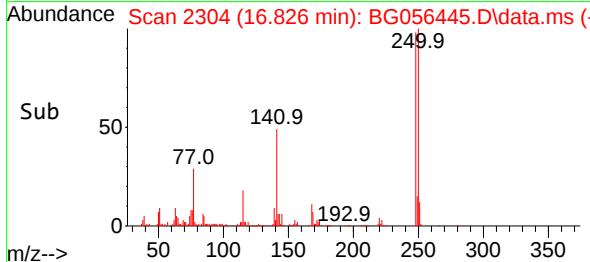
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:248 Resp: 14911
Ion Ratio Lower Upper
248 100
250 102.0 78.2 117.4
141 50.3 37.6 56.4

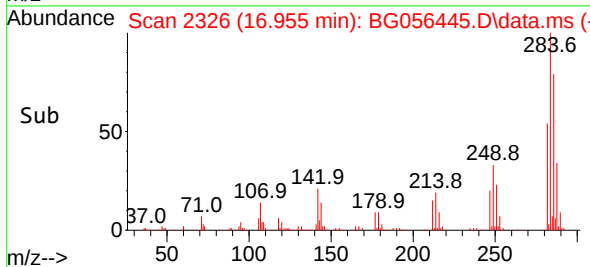
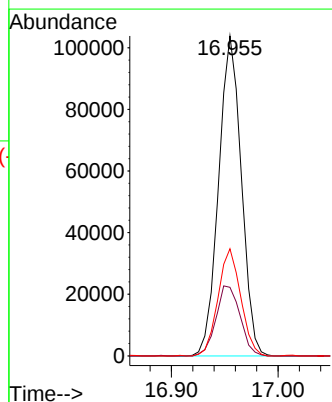
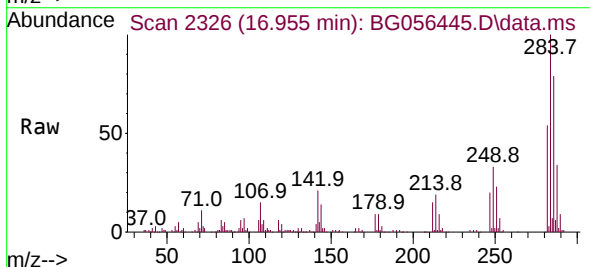
Manual Integrations
APPROVED

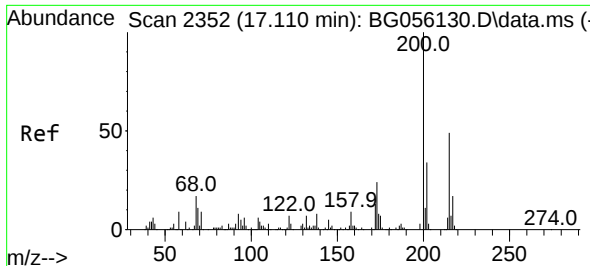
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#68
Hexachlorobenzene
Concen: 52.895 ng
RT: 16.955 min Scan# 2326
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

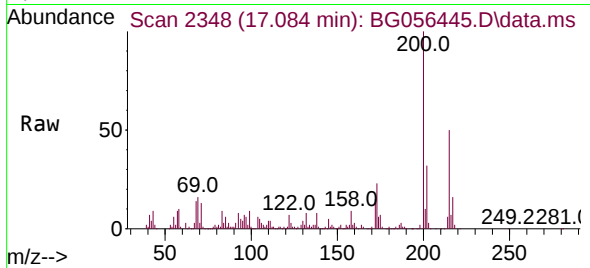
Tgt Ion:284 Resp: 153892
Ion Ratio Lower Upper
284 100
142 21.4 19.0 28.6
249 33.5 26.6 39.8





#69
 Atrazine
 Concen: 50.567 ng
 RT: 17.084 min Scan# 2348
 Delta R.T. 0.001 min
 Lab File: BG056445.D
 Acq: 26 Jan 2023 16:28

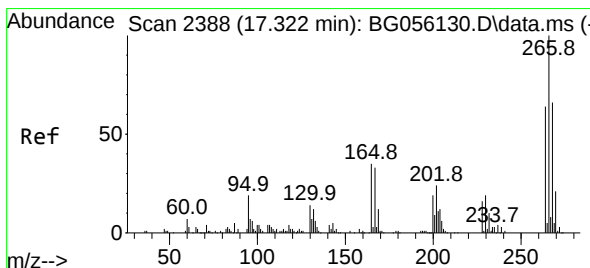
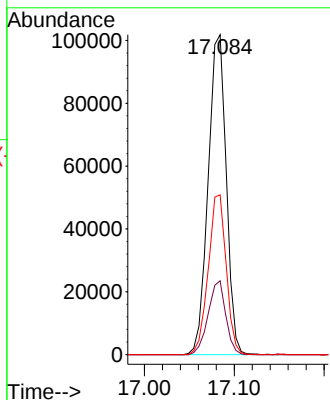
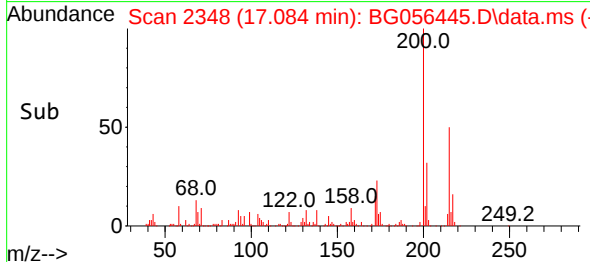
Instrument :
 BNA_G
 ClientSampleId :
 VNJ209-STOCKMSD



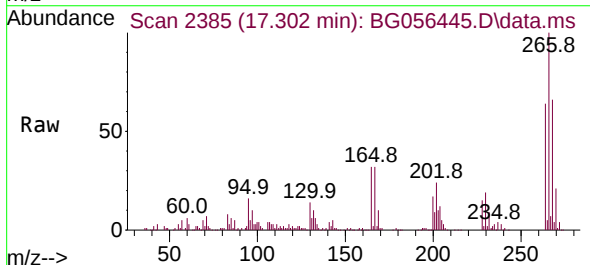
Tgt Ion:200 Resp: 142393
 Ion Ratio Lower Upper
 200 100
 173 23.1 4.0 44.0
 215 49.9 29.1 69.1

Manual Integrations
 APPROVED

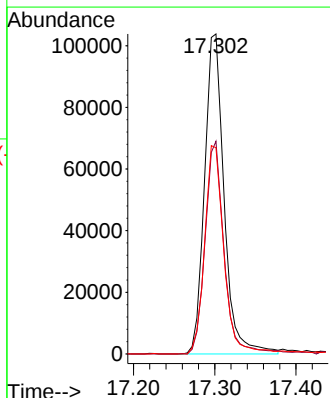
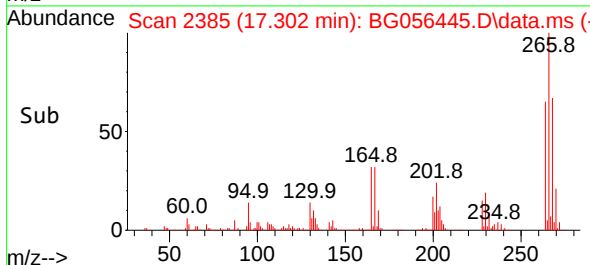
Reviewed By :Christian Giraldo 01/27/2023
 Supervised By :Jagrut Upadhyay 01/27/2023

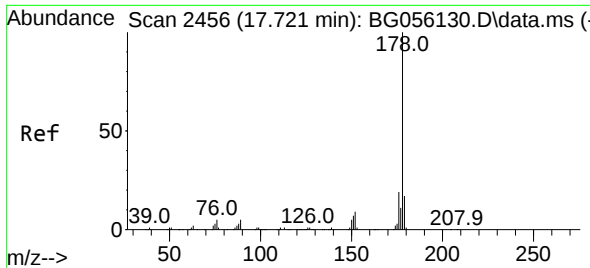


#70
 Pentachlorophenol
 Concen: 77.783 ng
 RT: 17.302 min Scan# 2385
 Delta R.T. 0.001 min
 Lab File: BG056445.D
 Acq: 26 Jan 2023 16:28



Tgt Ion:266 Resp: 173839
 Ion Ratio Lower Upper
 266 100
 268 66.4 53.0 79.4
 264 64.4 51.4 77.2





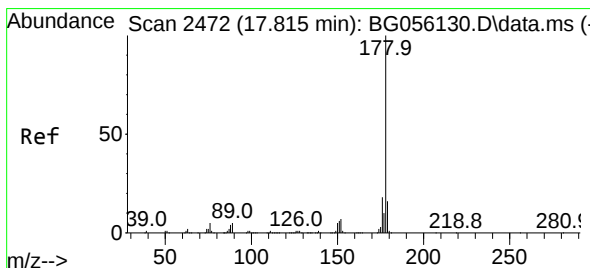
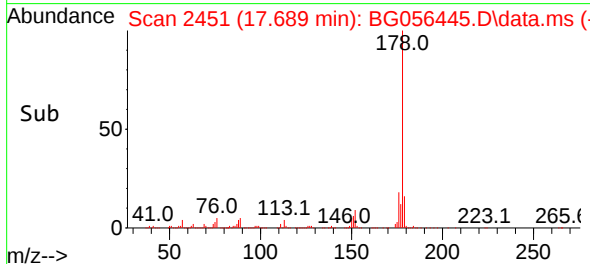
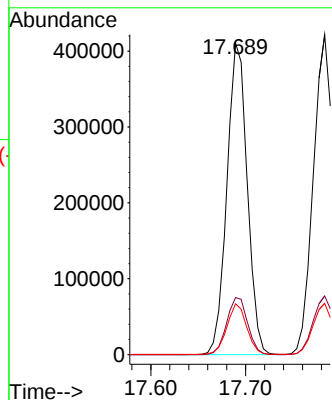
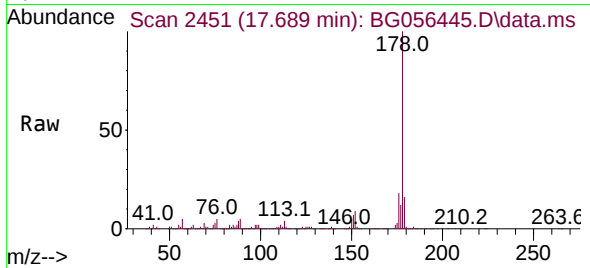
#71
Phenanthrene
Concen: 48.174 ng
RT: 17.689 min Scan# 2451
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD

Tgt Ion:178 Resp: 611370
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.0
179 16.3 13.6 20.4

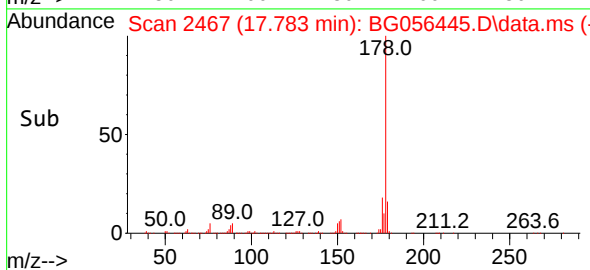
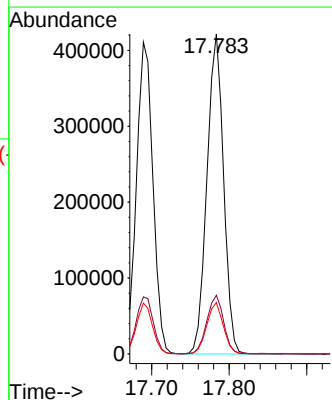
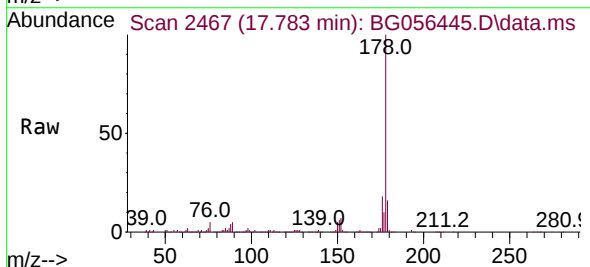
Manual Integrations
APPROVED

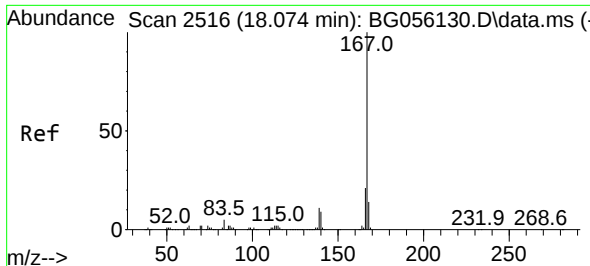
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#72
Anthracene
Concen: 47.847 ng
RT: 17.783 min Scan# 2467
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

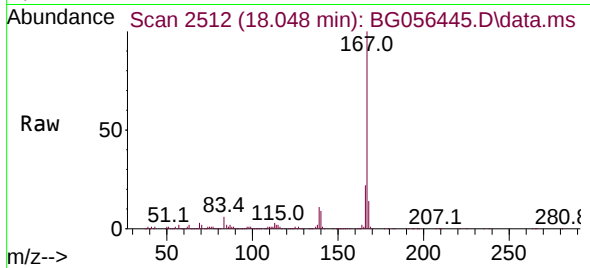
Tgt Ion:178 Resp: 626387
Ion Ratio Lower Upper
178 100
176 18.3 14.6 22.0
179 16.0 12.7 19.1





#73
Carbazole
Concen: 49.457 ng
RT: 18.048 min Scan# 2516
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

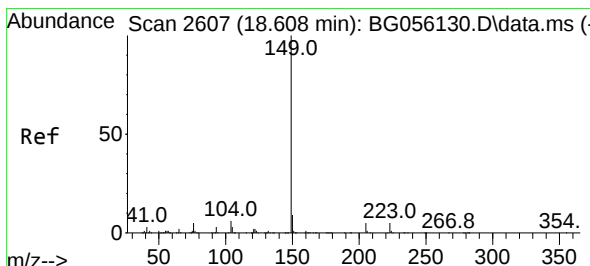
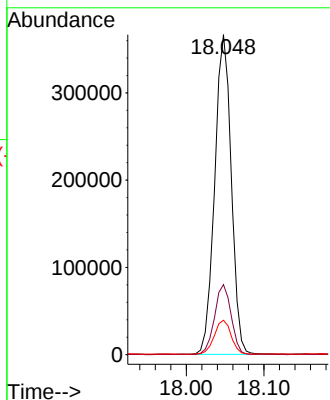
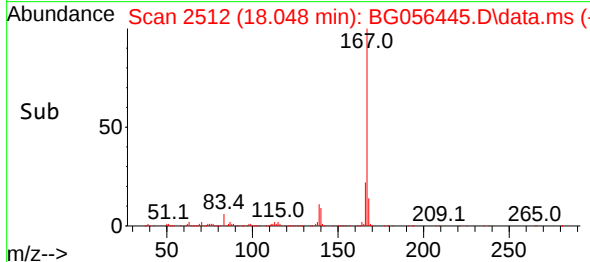
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:167 Resp: 544246
Ion Ratio Lower Upper
167 100
166 21.9 16.8 25.2
139 10.7 8.9 13.3

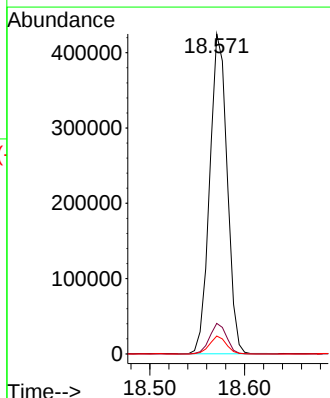
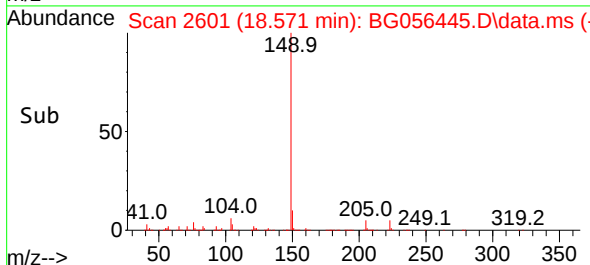
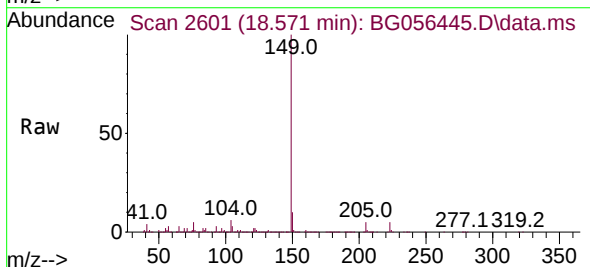
Manual Integrations
APPROVED

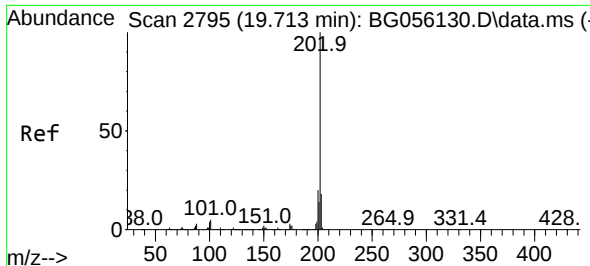
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#74
Di-n-butylphthalate
Concen: 49.569 ng
RT: 18.571 min Scan# 2601
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

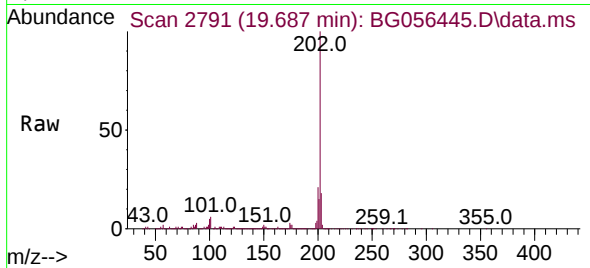
Tgt Ion:149 Resp: 543753
Ion Ratio Lower Upper
149 100
150 9.6 7.4 11.2
104 5.6 4.4 6.6





#75
Fluoranthene
Concen: 45.778 ng
RT: 19.687 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

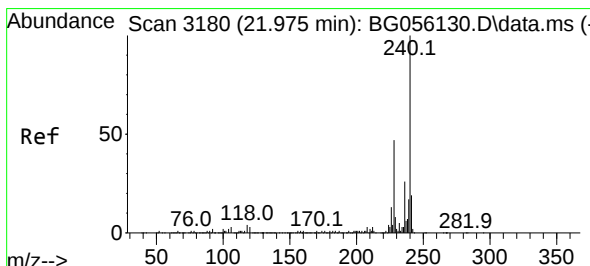
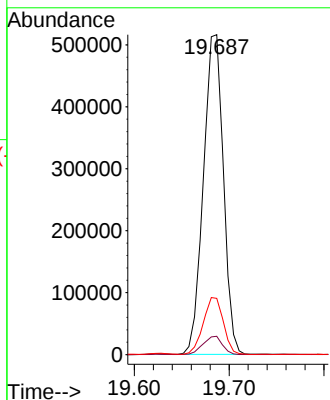
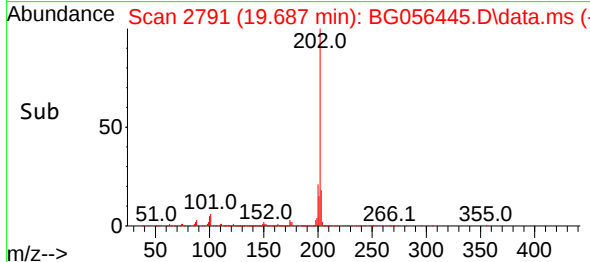
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:202 Resp: 757823
Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.0
203 17.6 0.0 38.0

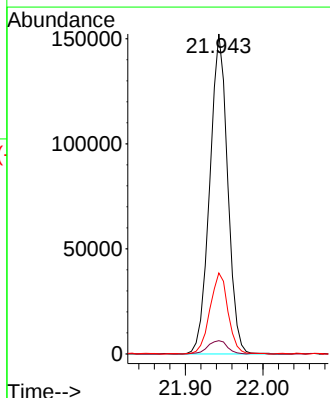
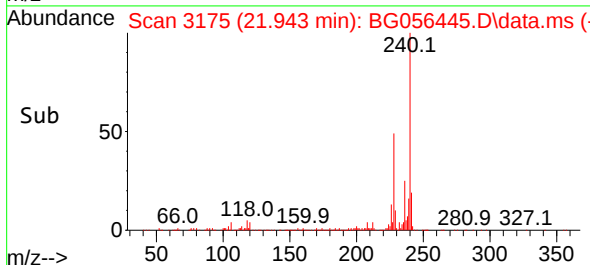
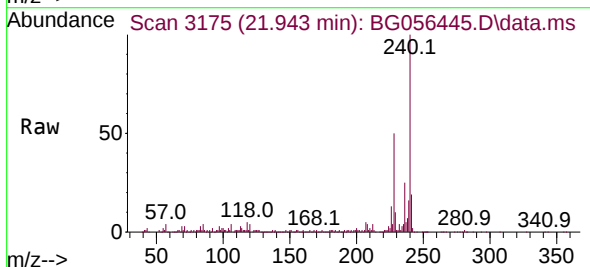
Manual Integrations
APPROVED

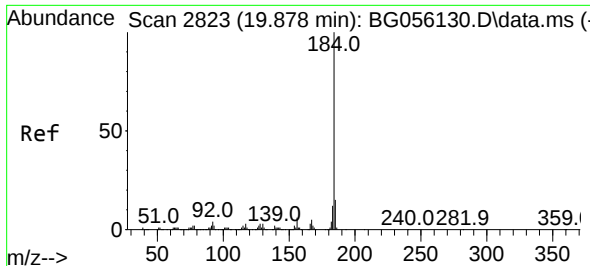
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.943 min Scan# 3175
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

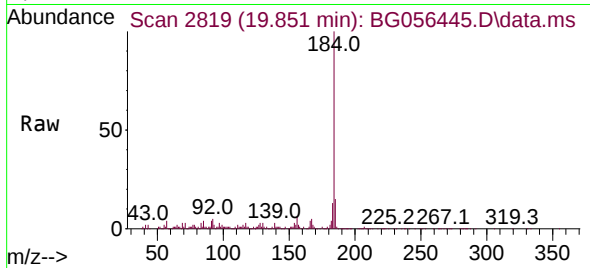
Tgt Ion:240 Resp: 244212
Ion Ratio Lower Upper
240 100
120 4.1 2.6 4.0#
236 25.3 20.8 31.2





#77
Benzidine
Concen: 34.530 ng
RT: 19.851 min Scan# 2819
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

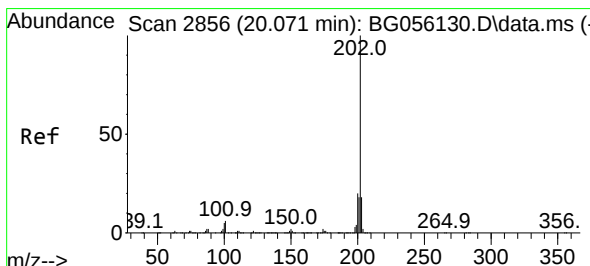
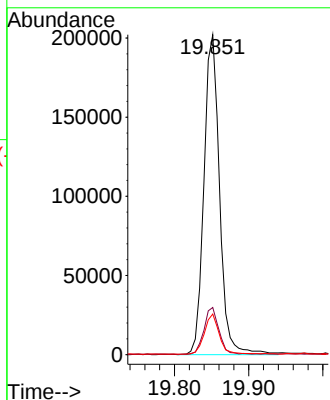
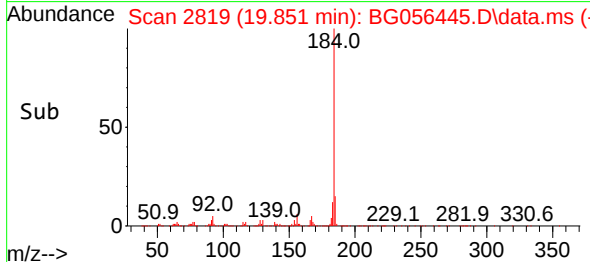
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:184 Resp: 295513
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.2
183 12.7 9.4 14.0

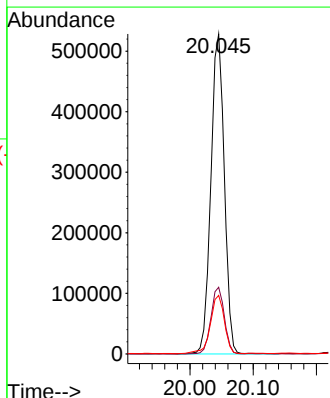
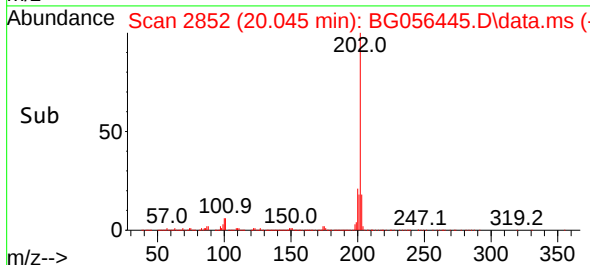
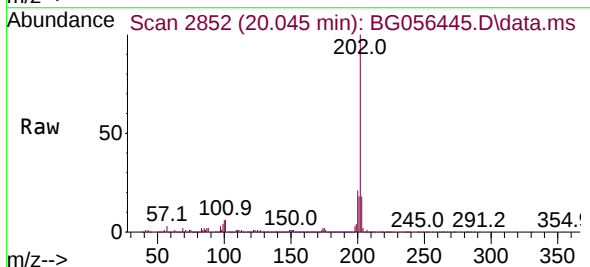
Manual Integrations
APPROVED

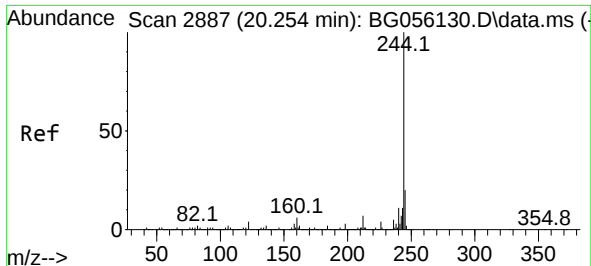
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#78
Pyrene
Concen: 45.390 ng
RT: 20.045 min Scan# 2852
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

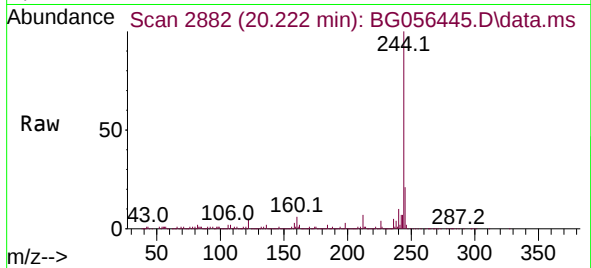
Tgt Ion:202 Resp: 781304
Ion Ratio Lower Upper
202 100
200 20.8 16.4 24.6
203 18.3 14.3 21.5





#79
Terphenyl-d14
Concen: 76.289 ng
RT: 20.222 min Scan# 2887
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

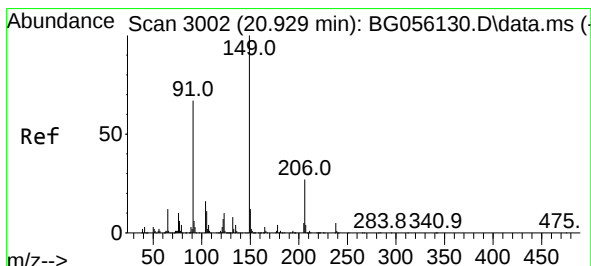
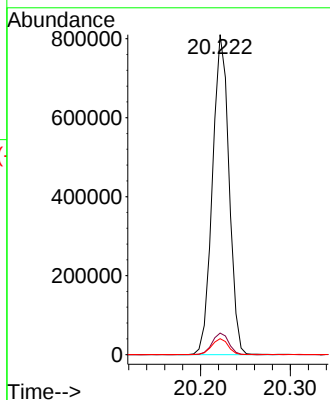
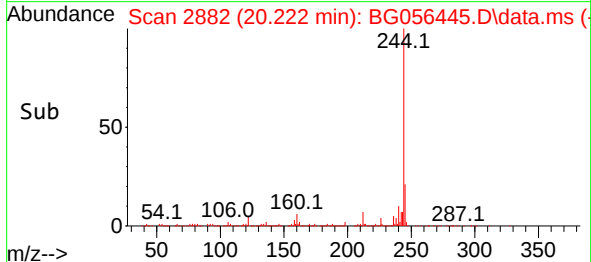
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:244 Resp: 1040216
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 5.0 3.5 5.3

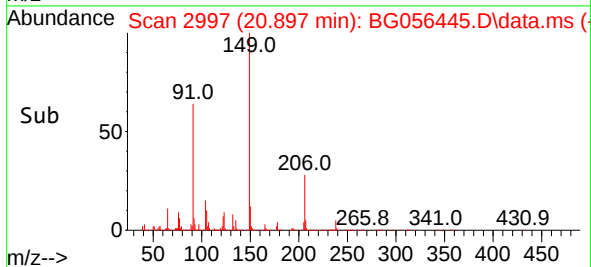
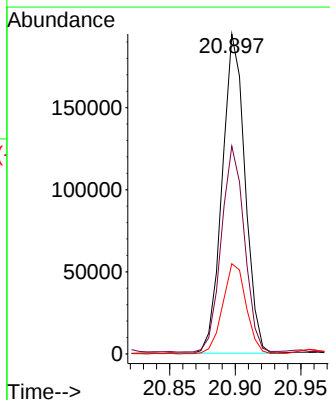
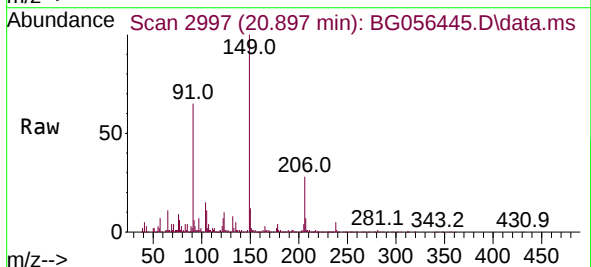
Manual Integrations
APPROVED

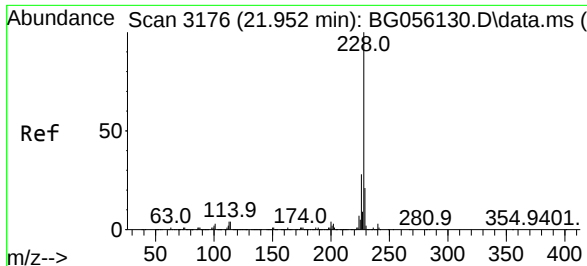
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#80
Butylbenzylphthalate
Concen: 47.649 ng
RT: 20.897 min Scan# 2997
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

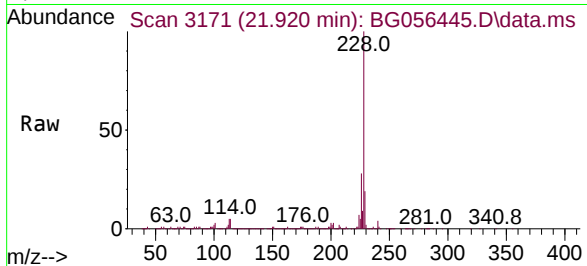
Tgt Ion:149 Resp: 235306
Ion Ratio Lower Upper
149 100
91 64.9 53.5 80.3
206 28.2 21.9 32.9





#81
Benzo(a)anthracene
Concen: 47.193 ng
RT: 21.920 min Scan# 3176
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

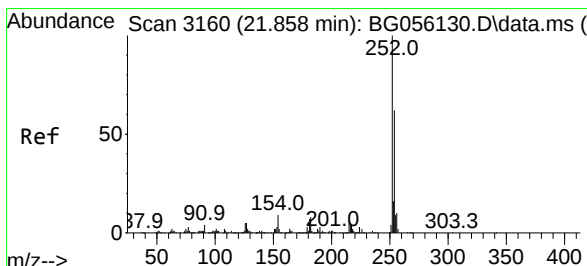
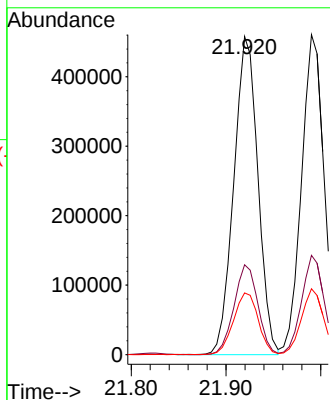
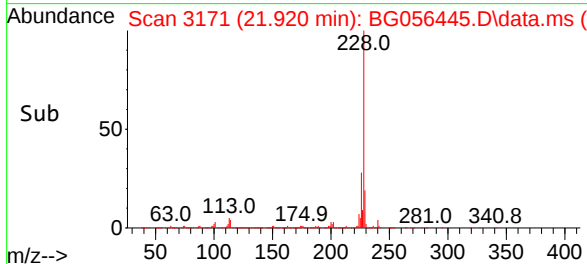
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:228 Resp: 809485
Ion Ratio Lower Upper
228 100
226 28.2 22.6 34.0
229 19.4 16.9 25.3

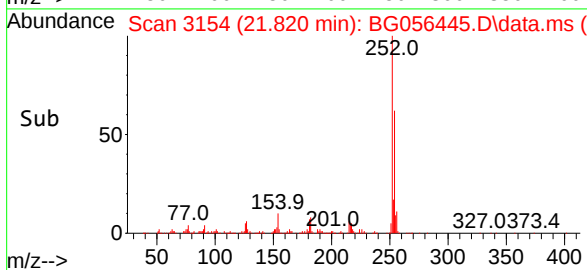
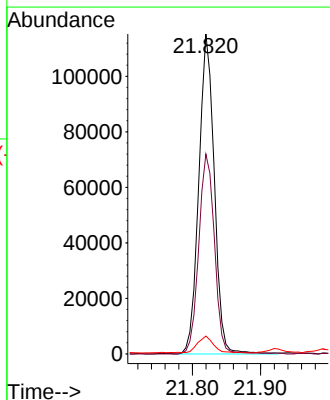
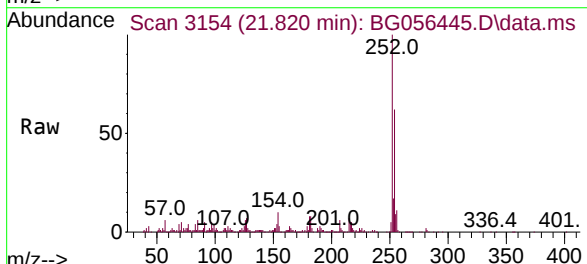
Manual Integrations
APPROVED

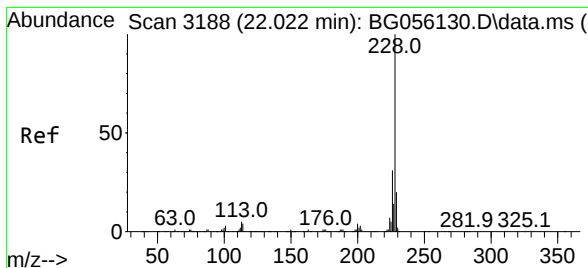
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#82
3,3'-Dichlorobenzidine
Concen: 29.485 ng
RT: 21.820 min Scan# 3154
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

Tgt Ion:252 Resp: 182062
Ion Ratio Lower Upper
252 100
254 62.4 49.5 74.3
126 5.6 4.0 6.0





#83

Chrysene

Concen: 47.016 ng

RT: 21.990 min Scan# 3188

Delta R.T. -0.005 min

Lab File: BG056445.D

Acq: 26 Jan 2023 16:28

Instrument :

BNA_G

ClientSampleId :

VNJ209-STOCKMSD

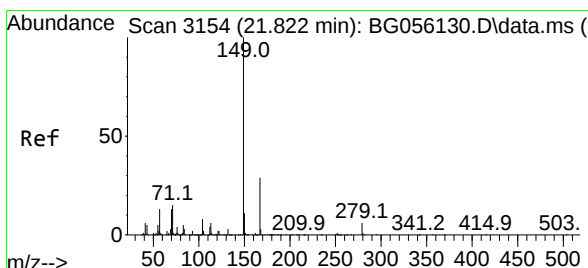
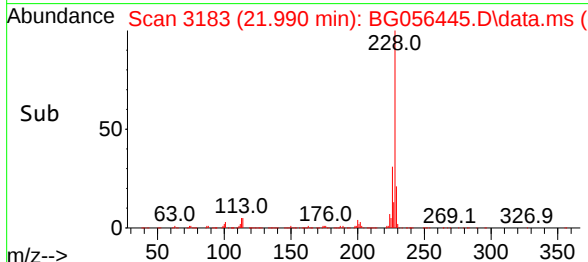
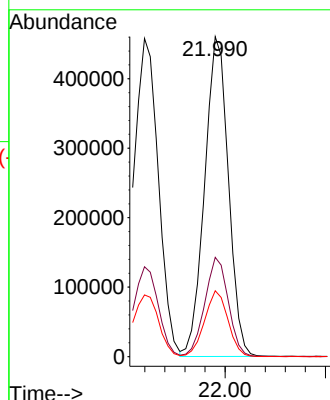
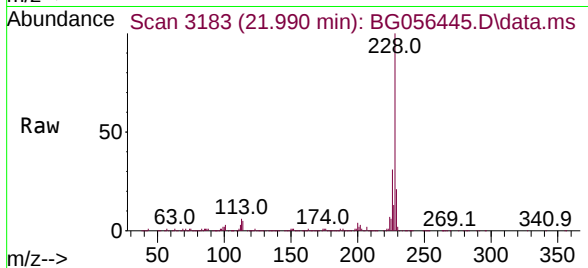
Tgt Ion:228 Resp: 75541

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	36.8
229	20.6	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.744 ng

RT: 21.779 min Scan# 3147

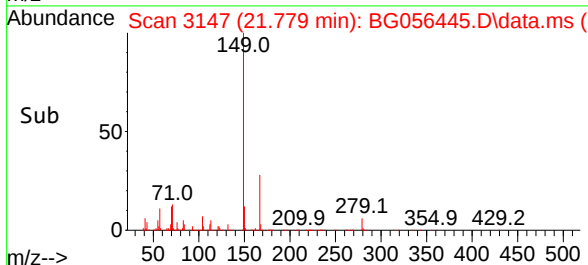
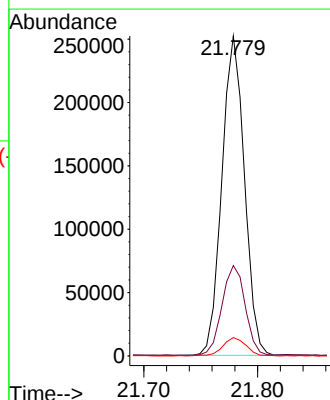
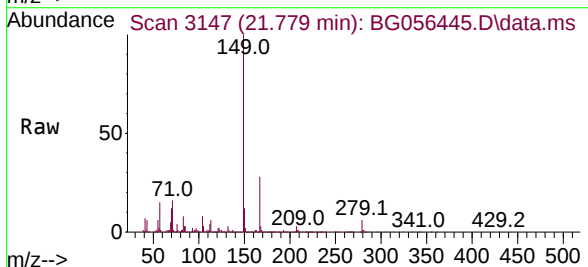
Delta R.T. 0.001 min

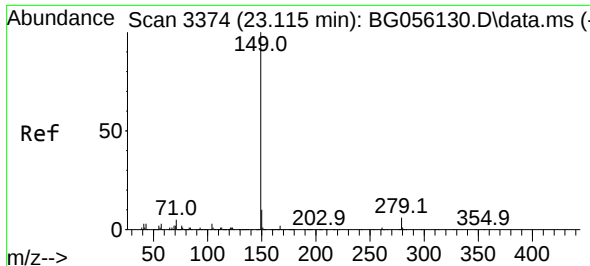
Lab File: BG056445.D

Acq: 26 Jan 2023 16:28

Tgt Ion:149 Resp: 346795

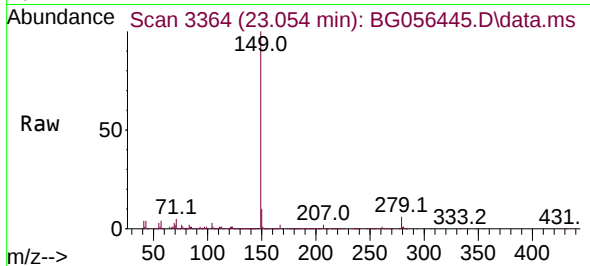
Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.4	35.2
279	5.7	4.7	7.1





#85
Di-n-octyl phthalate
Concen: 48.547 ng
RT: 23.054 min Scan# 3374
Delta R.T. -0.005 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

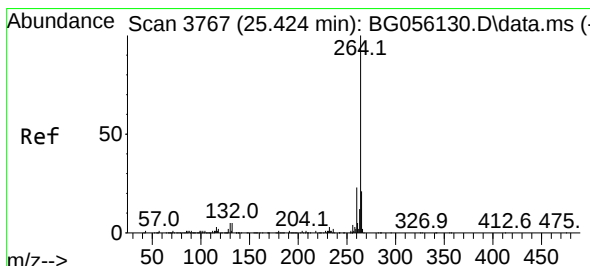
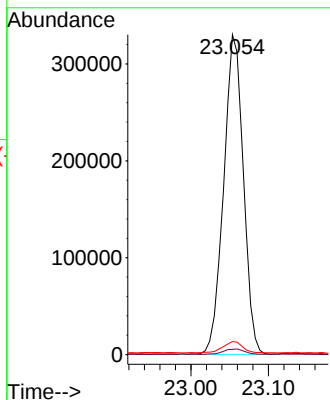
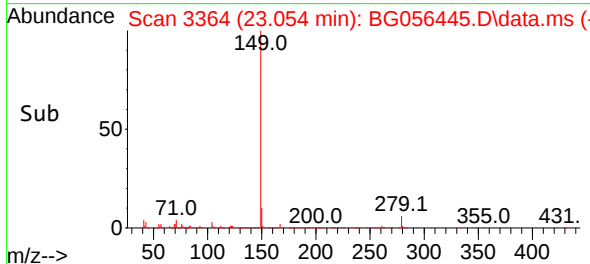
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



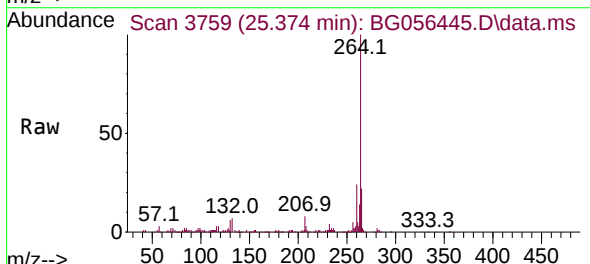
Tgt Ion:149 Resp: 583083
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 3.6 2.9 4.3

Manual Integrations
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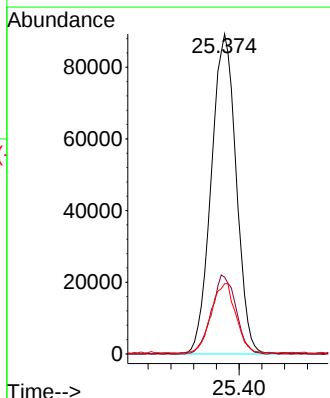
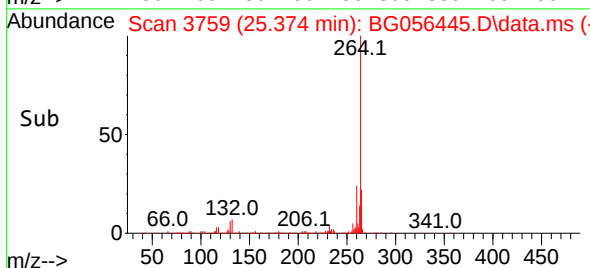
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

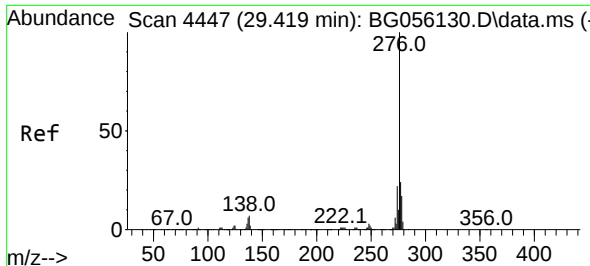


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.374 min Scan# 3759
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28



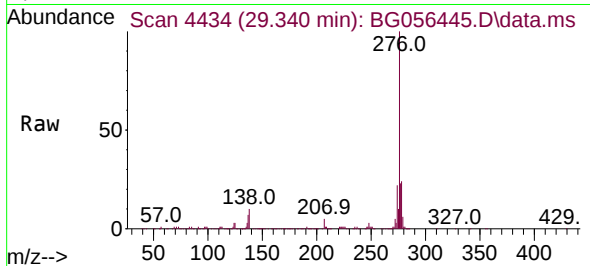
Tgt Ion:264 Resp: 271447
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 21.9 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.449 ng
RT: 29.340 min Scan# 4447
Delta R.T. 0.007 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

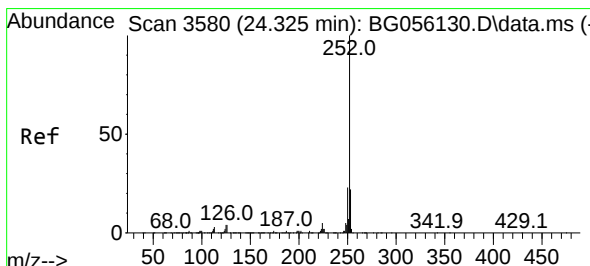
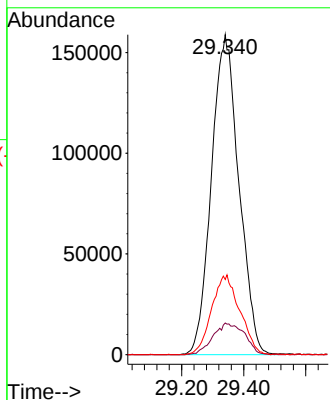
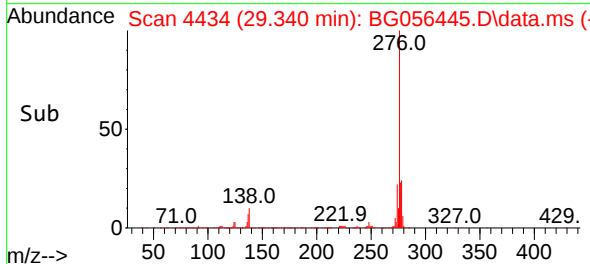
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



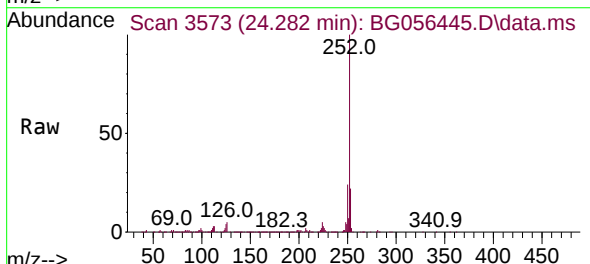
Tgt Ion:276 Resp: 976181
Ion Ratio Lower Upper
276 100
138 11.3 5.0 7.4
277 25.5 20.5 30.7

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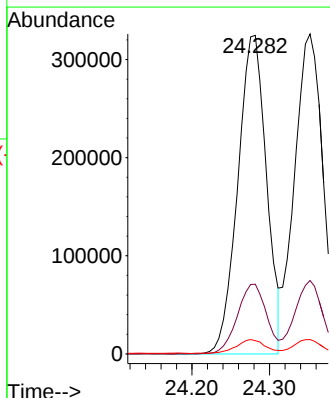
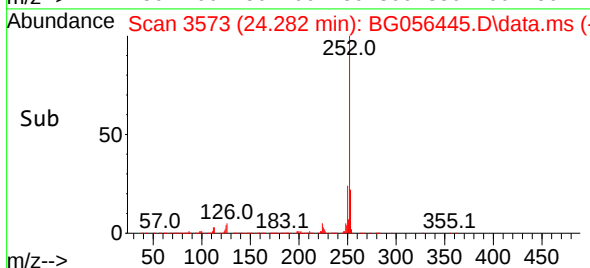
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

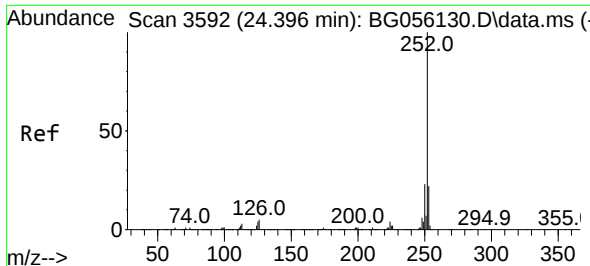


#88
Benzo(b)fluoranthene
Concen: 48.384 ng
RT: 24.282 min Scan# 3573
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28



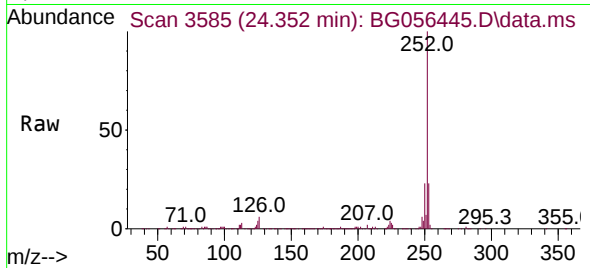
Tgt Ion:252 Resp: 834468
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 4.2 3.0 4.4





#89
Benzo(k)fluoranthene
Concen: 48.013 ng
RT: 24.352 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

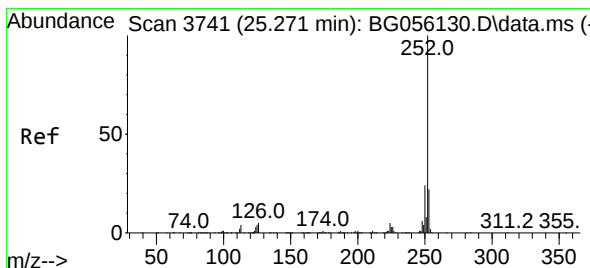
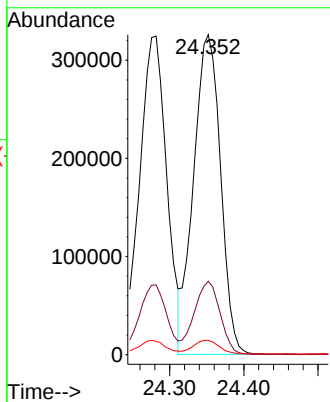
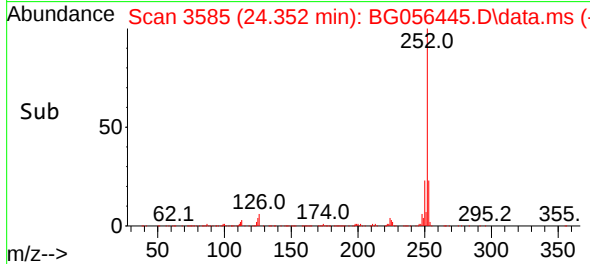
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:252 Resp: 824597
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 4.5 3.4 5.0

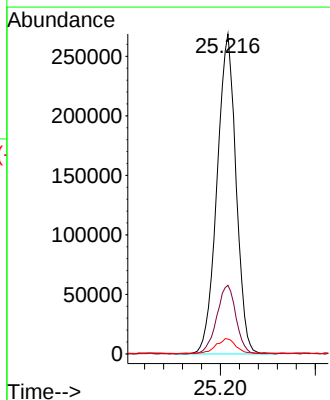
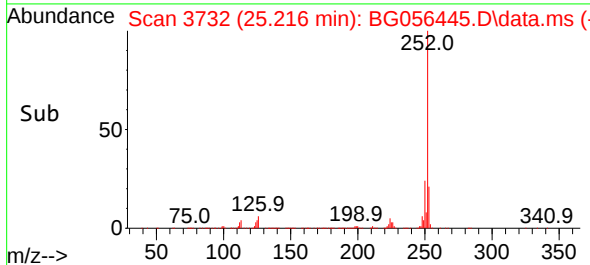
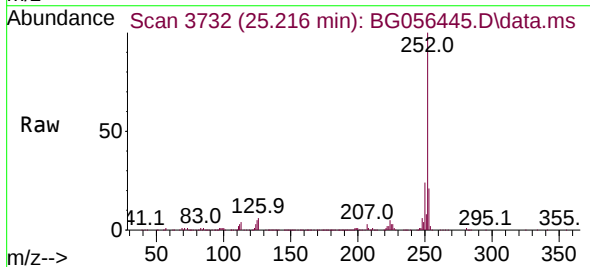
Manual Integrations
APPROVED

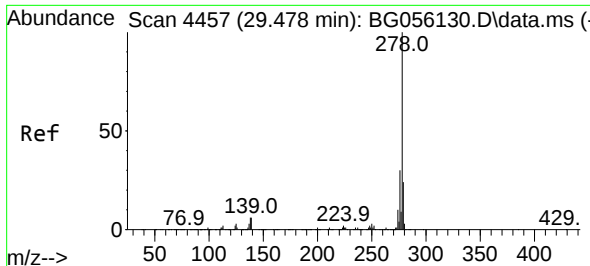
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#90
Benzo(a)pyrene
Concen: 44.482 ng
RT: 25.216 min Scan# 3732
Delta R.T. 0.001 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

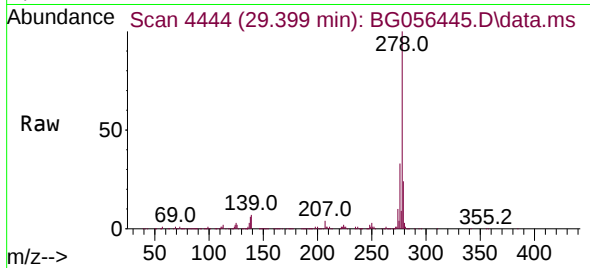
Tgt Ion:252 Resp: 748264
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 4.6 3.2 4.8





#91
Dibenzo(a,h)anthracene
Concen: 49.829 ng
RT: 29.399 min Scan# 4457
Delta R.T. 0.007 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

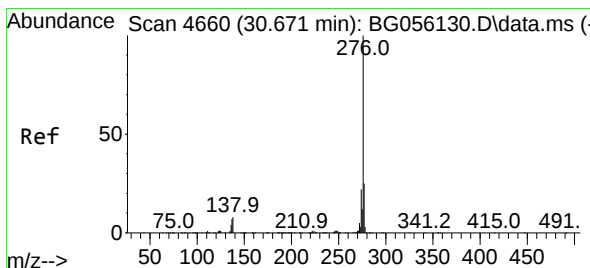
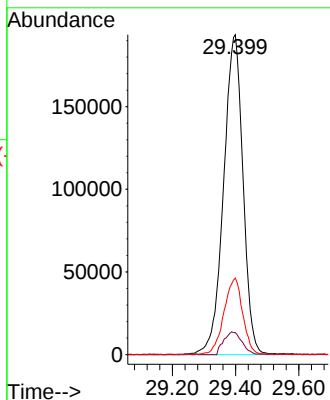
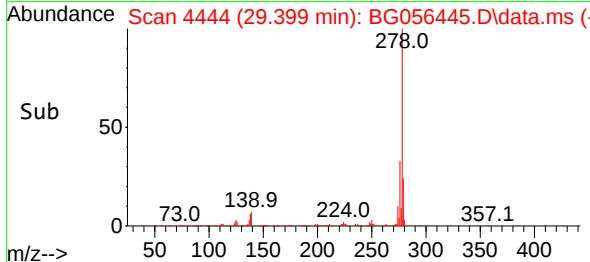
Instrument :
BNA_G
ClientSampleId :
VNJ209-STOCKMSD



Tgt Ion:278 Resp: 824721
Ion Ratio Lower Upper
278 100
139 6.9 4.8 7.2
279 23.9 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#92
Benzo(g,h,i)perylene
Concen: 49.396 ng
RT: 30.580 min Scan# 4645
Delta R.T. 0.007 min
Lab File: BG056445.D
Acq: 26 Jan 2023 16:28

Tgt Ion:276 Resp: 792821
Ion Ratio Lower Upper
276 100
277 23.6 19.7 29.5
138 9.0 6.7 10.1

