

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056448.D
 Acq On : 26 Jan 2023 18:32
 Operator : CG/JU
 Sample : 01214-14MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TJRC-011823-B3-30-40MSD

Quant Time: Jan 27 01:01:10 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	32897	20.000	ng	0.00
21) Naphthalene-d8	11.126	136	125074	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	102337	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	262897	20.000	ng	0.00
76) Chrysene-d12	21.943	240	250243	20.000	ng	# 0.00
86) Perylene-d12	25.374	264	277584	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.815	112	229308	124.458	ng	0.00
7) Phenol-d6	7.442	99	321263	113.541	ng	0.00
23) Nitrobenzene-d5	9.469	82	161992	66.250	ng	0.00
42) 2,4,6-Tribromophenol	16.390	330	158467	122.266	ng	0.00
45) 2-Fluorobiphenyl	13.535	172	524605	70.788	ng	0.00
79) Terphenyl-d14	20.221	244	987836	70.702	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.617	88	30974	36.805	ng	# 87
3) Pyridine	4.034	79	85231	33.252	ng	# 92
4) n-Nitrosodimethylamine	3.946	42	20778	39.850	ng	97
6) Aniline	7.607	93	81289	21.907	ng	96
8) 2-Chlorophenol	7.853	128	99195	54.103	ng	94
9) Benzaldehyde	7.419	77	41087	24.422	ng	98
10) Phenol	7.466	94	137971	48.082	ng	97
11) bis(2-Chloroethyl)ether	7.695	93	82074	42.206	ng	95
12) 1,3-Dichlorobenzene	8.182	146	108719	48.722	ng	94
13) 1,4-Dichlorobenzene	8.329	146	110721	49.413	ng	99
14) 1,2-Dichlorobenzene	8.652	146	107868	49.891	ng	99
15) Benzyl Alcohol	8.529	79	85516	41.527	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.817	45	17427	50.714	ng	# 86
17) 2-Methylphenol	8.729	107	92721	44.036	ng	97
18) Hexachloroethane	9.387	117	32800	48.185	ng	99
19) n-Nitroso-di-n-propyla...	9.093	70	63663	37.001	ng	96
20) 3+4-Methylphenols	9.058	107	130191	43.979	ng	98
22) Acetophenone	9.122	105	149690	42.327	ng	# 97
24) Nitrobenzene	9.510	77	97151	40.093	ng	96
25) Isophorone	10.033	82	191414	37.206	ng	# 94
26) 2-Nitrophenol	10.227	139	59939	48.345	ng	97
27) 2,4-Dimethylphenol	10.274	122	104357	46.149	ng	95
28) bis(2-Chloroethoxy)met...	10.509	93	112872	42.212	ng	97
29) 2,4-Dichlorophenol	10.768	162	123913	49.565	ng	99
30) 1,2,4-Trichlorobenzene	10.985	180	128889	45.431	ng	97
31) Naphthalene	11.179	128	299402	45.485	ng	99
32) Benzoic acid	10.421	122	55591m	33.133	ng	
33) 4-Chloroaniline	11.279	127	68183	21.695	ng	96
34) Hexachlorobutadiene	11.449	225	90093	44.153	ng	97
35) Caprolactam	12.054	113	34784m	41.095	ng	
36) 4-Chloro-3-methylphenol	12.383	107	115367	45.477	ng	98
37) 2-Methylnaphthalene	12.759	142	232833	41.892	ng	99
38) 1-Methylnaphthalene	12.977	142	218624	42.359	ng	97
40) 1,2,4,5-Tetrachloroben...	13.124	216	174060	45.381	ng	99
41) Hexachlorocyclopentadiene	13.094	237	172799	79.021	ng	95
43) 2,4,6-Trichlorophenol	13.353	196	119840	47.251	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.429	196	130613	43.535	ng	98
46) 1,1'-Biphenyl	13.746	154	342304	46.705	ng	99
47) 2-Chloronaphthalene	13.799	162	271145	46.871	ng	98
48) 2-Nitroaniline	13.993	65	53511	43.415	ng	95
49) Acenaphthylene	14.639	152	427966	45.461	ng	99
50) Dimethylphthalate	14.352	163	359217	43.482	ng	99
51) 2,6-Dinitrotoluene	14.475	165	79730	45.293	ng	93
52) Acenaphthene	14.974	154	289820m	47.335	ng	
53) 3-Nitroaniline	14.810	138	43878	26.191	ng	90
54) 2,4-Dinitrophenol	15.021	184	70744	56.255	ng	95
55) Dibenzofuran	15.303	168	448862	44.301	ng	98
56) 4-Nitrophenol	15.115	139	118448	91.929	ng	90
57) 2,4-Dinitrotoluene	15.262	165	114944	46.690	ng	# 88
58) Fluorene	15.950	166	366032	44.916	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.533	232	126372	44.860	ng	96
60) Diethylphthalate	15.697	149	335863	43.351	ng	98
61) 4-Chlorophenyl-phenylether	15.932	204	218681	42.999	ng	99
62) 4-Nitroaniline	15.967	138	75994	44.283	ng	90
63) Azobenzene	16.226	77	247632	41.420	ng	97
65) 4,6-Dinitro-2-methylph...	16.026	198	70913	40.036	ng	95
66) n-Nitrosodiphenylamine	16.149	169	332127	45.533	ng	97
67) 4-Bromophenyl-phenylether	16.825	248	150181	44.861	ng	98
68) Hexachlorobenzene	16.954	284	156385	50.070	ng	99
69) Atrazine	17.084	200	144435	47.779	ng	98
70) Pentachlorophenol	17.301	266	169137	70.495	ng	98
71) Phenanthrene	17.689	178	618376	45.388	ng	98
72) Anthracene	17.783	178	627929	44.679	ng	99
73) Carbazole	18.047	167	548904	46.464	ng	99
74) Di-n-butylphthalate	18.570	149	567569	48.196	ng	99
75) Fluoranthene	19.681	202	772893	43.490	ng	99
77) Benzidine	19.845	184	158285	18.049	ng	97
78) Pyrene	20.045	202	791248	44.860	ng	99
80) Butylbenzylphthalate	20.897	149	239977	47.424	ng	95
81) Benzo(a)anthracene	21.919	228	795571	45.264	ng	98
82) 3,3'-Dichlorobenzidine	21.819	252	162343	25.658	ng	97
83) Chrysene	21.990	228	741030	45.010	ng	98
84) Bis(2-ethylhexyl)phtha...	21.778	149	351014	48.148	ng	99
85) Di-n-octyl phthalate	23.053	149	577761	46.944	ng	99
87) Indeno(1,2,3-cd)pyrene	29.334	276	930863	46.110	ng	99
88) Benzo(b)fluoranthene	24.275	252	829898	47.055	ng	99
89) Benzo(k)fluoranthene	24.346	252	798120	45.444	ng	99
90) Benzo(a)pyrene	25.215	252	724859	42.138	ng	100
91) Dibenzo(a,h)anthracene	29.387	278	791648	46.773	ng	99
92) Benzo(g,h,i)perylene	30.574	276	752751	45.863	ng	98

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

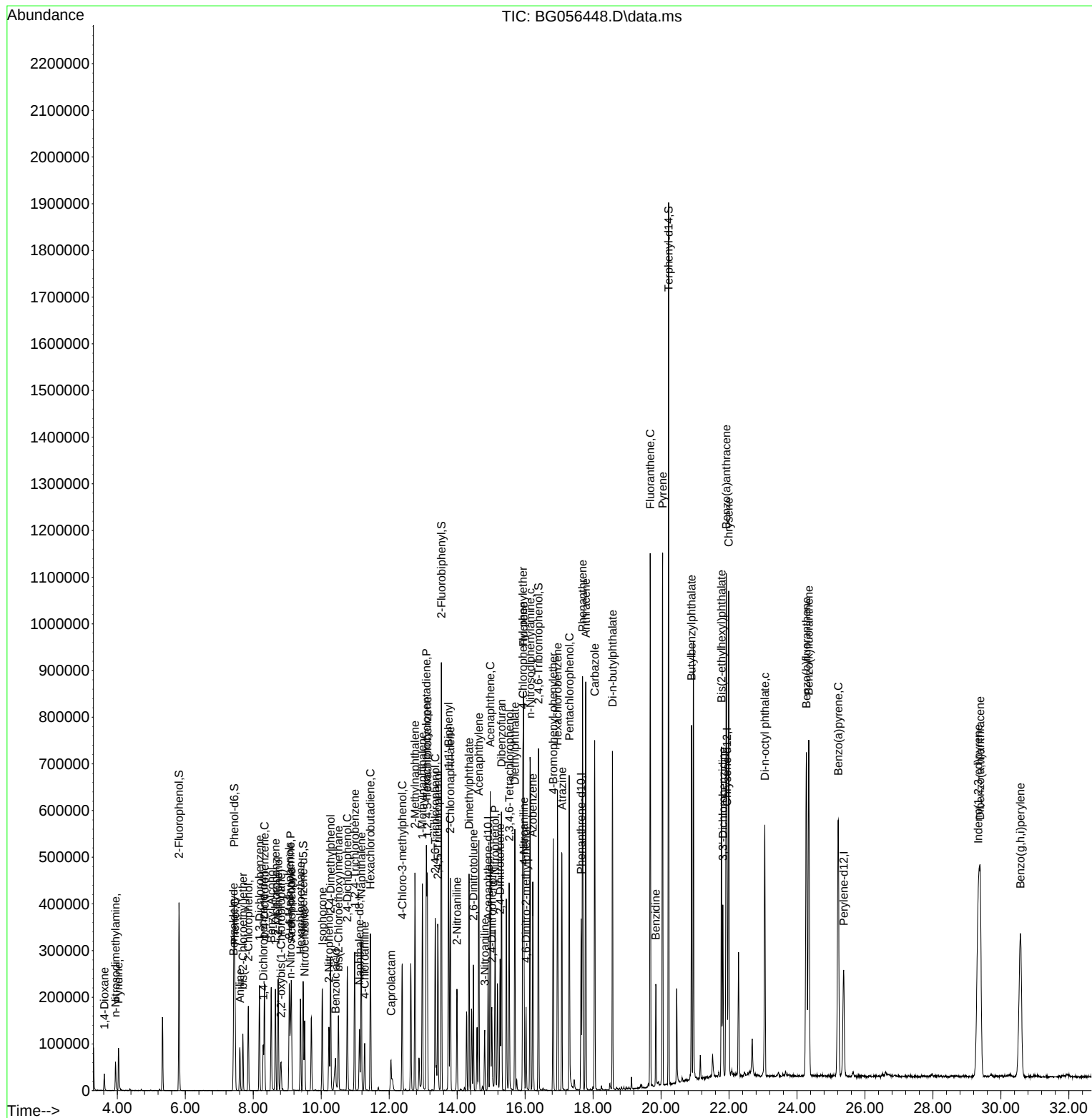
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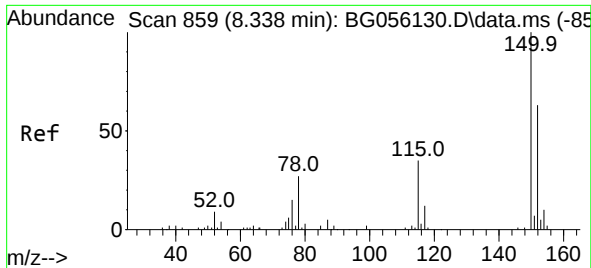
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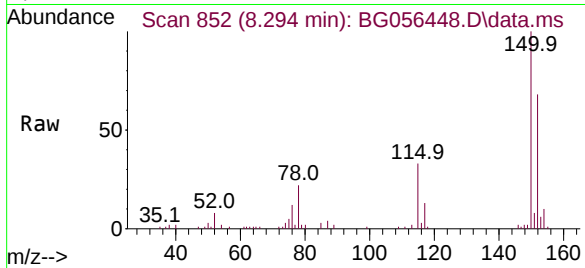
Reviewed By : Christian Giraldo 01/27/2023
 Supervised By : Jagrut Upadhyay 01/27/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.294 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

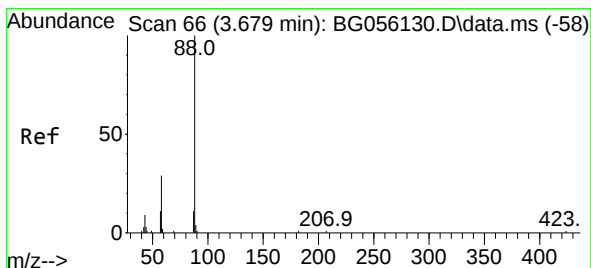
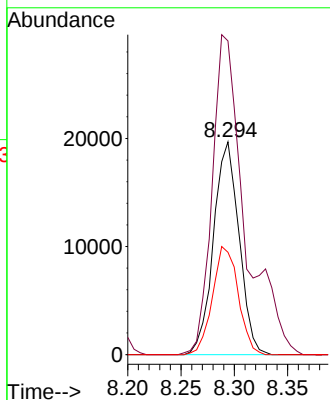
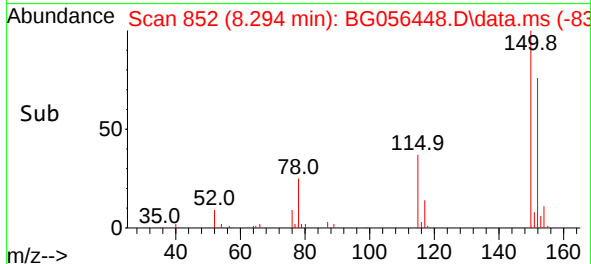
Instrument :
BNA_G
ClientSampleId :
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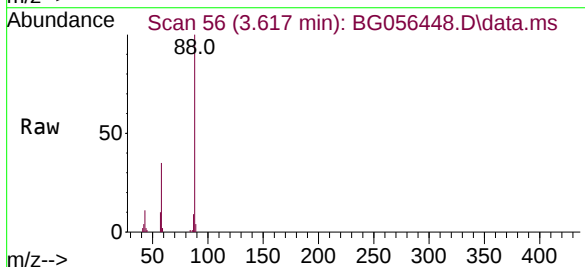
Tgt Ion:152 Resp: 32897
Ion Ratio Lower Upper
152 100
150 147.4 127.9 191.9
115 48.1 44.2 66.2

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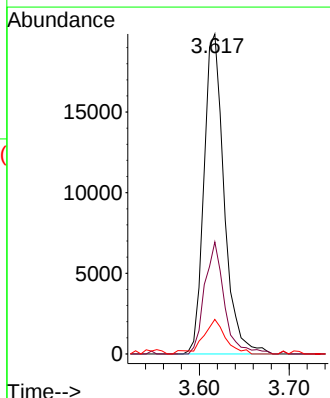
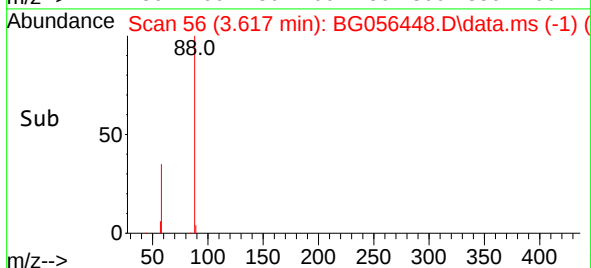
Reviewed By :Christian Giraldo 01/27/2023
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#2
1,4-Dioxane
Concen: 36.805 ng
RT: 3.617 min Scan# 56
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32



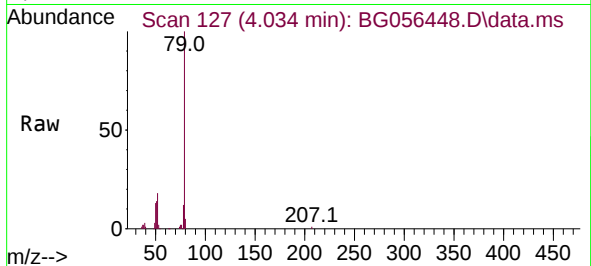
Tgt Ion: 88 Resp: 30974
Ion Ratio Lower Upper
88 100
58 34.3 21.4 32.0#
43 11.9 7.1 10.7#





#3
Pyridine
Concen: 33.252 ng
RT: 4.034 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

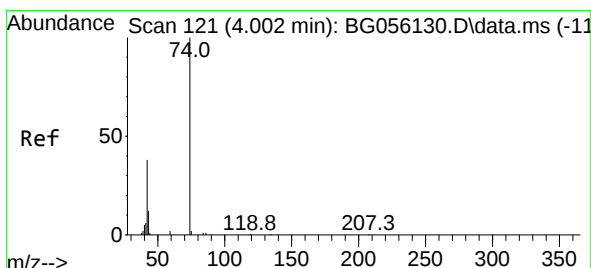
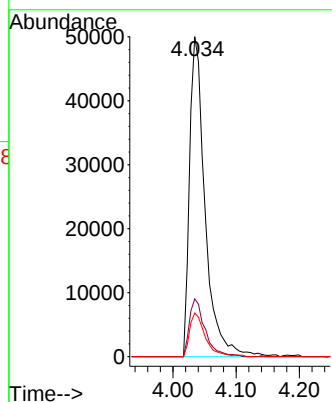
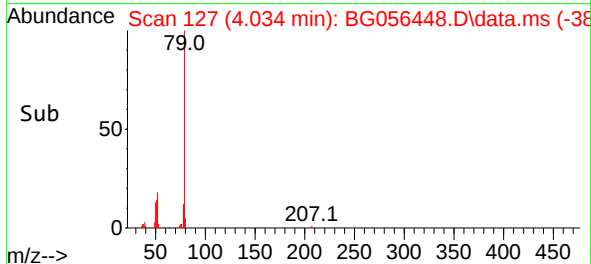
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



Tgt Ion: 79 Resp: 8523
Ion Ratio Lower Upper
79 100
52 18.0 11.8 17.6
51 13.6 8.8 13.2

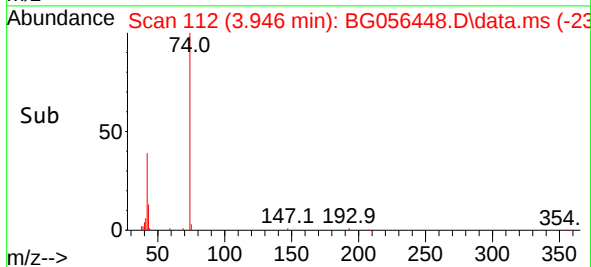
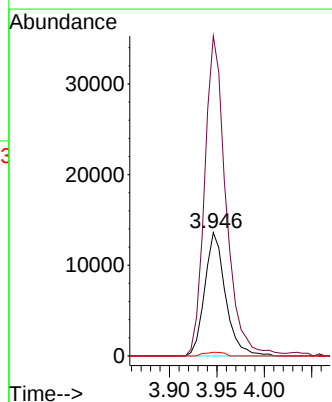
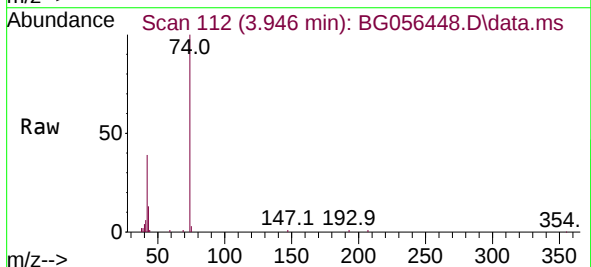
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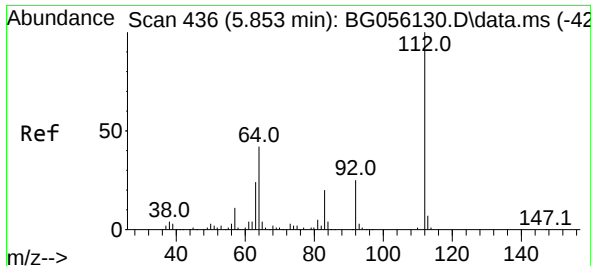
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Supervised By :Jagrut Upadhyay 01/27/2023



#4
n-Nitrosodimethylamine
Concen: 39.850 ng
RT: 3.946 min Scan# 112
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

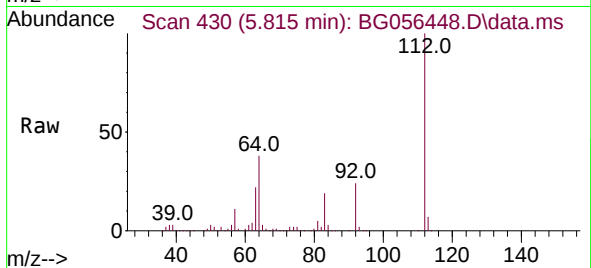
Tgt Ion: 42 Resp: 20778
Ion Ratio Lower Upper
42 100
74 259.4 212.6 319.0
44 2.9 2.6 3.8





#5
2-Fluorophenol
Concen: 124.458 ng
RT: 5.815 min Scan# 436
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

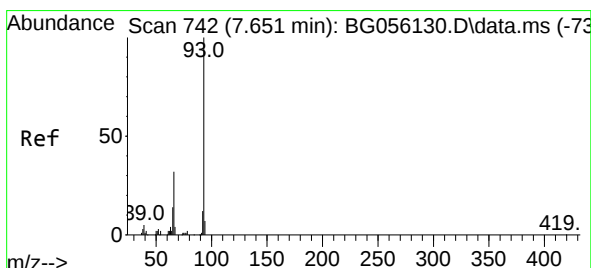
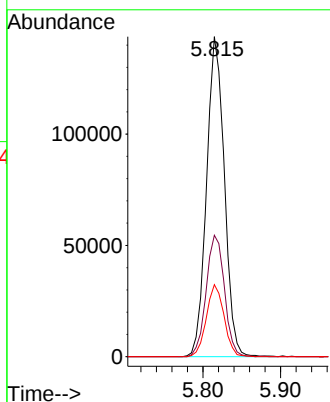
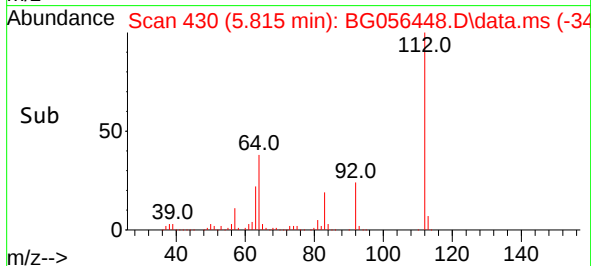
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Tgt Ion:112 Resp: 229308
Ion Ratio Lower Upper
112 100
64 38.0 33.3 49.9
63 22.5 19.0 28.4

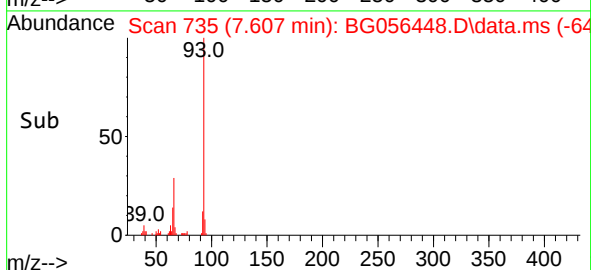
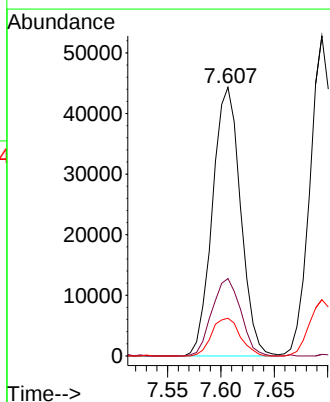
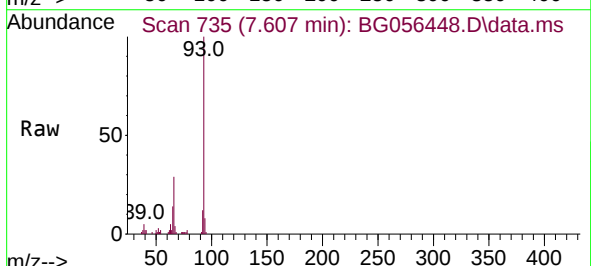
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#6
Aniline
Concen: 21.907 ng
RT: 7.607 min Scan# 735
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

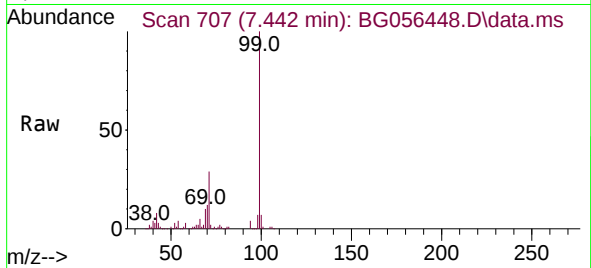
Tgt Ion: 93 Resp: 81289
Ion Ratio Lower Upper
93 100
66 28.8 25.4 38.2
65 14.0 11.4 17.2





#7
Phenol-d6
Concen: 113.541 ng
RT: 7.442 min Scan# 707
Delta R.T. 0.007 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

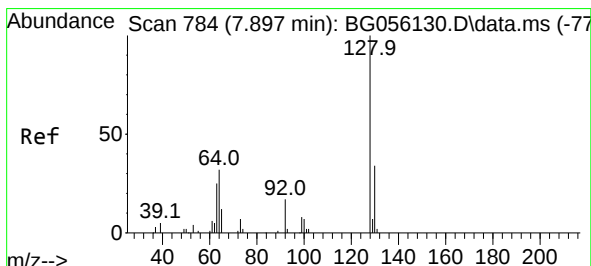
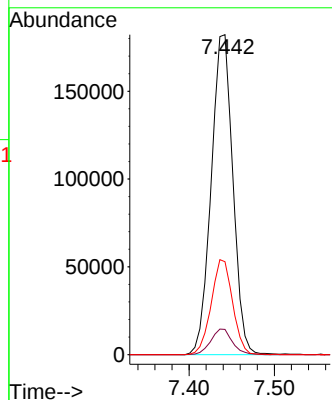
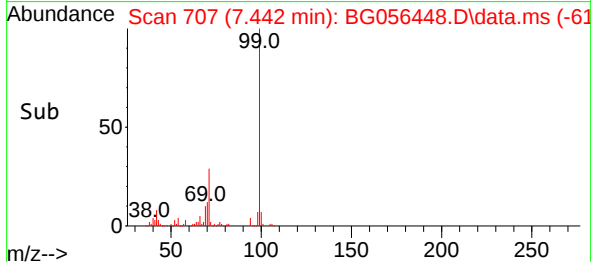
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Tgt Ion: 99 Resp: 321263
Ion Ratio Lower Upper
99 100
42 7.9 5.9 8.9
71 29.0 25.4 38.2

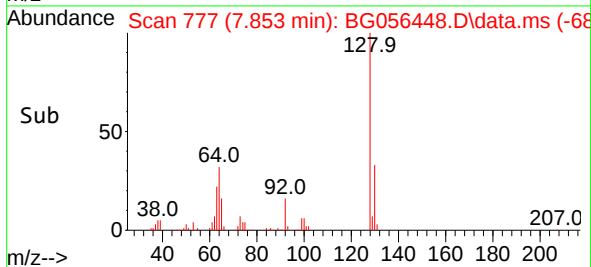
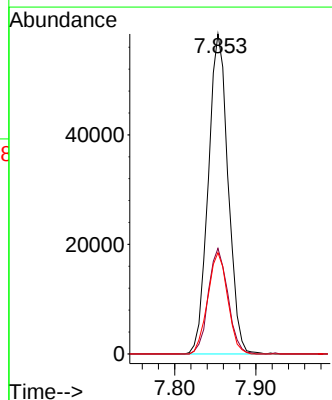
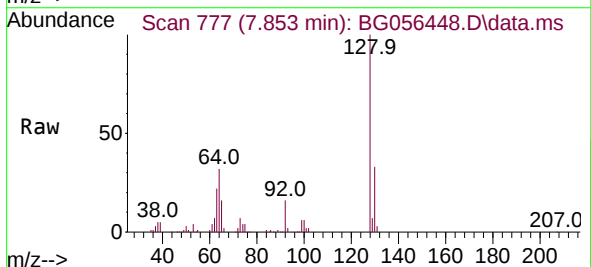
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#8
2-Chlorophenol
Concen: 54.103 ng
RT: 7.853 min Scan# 777
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

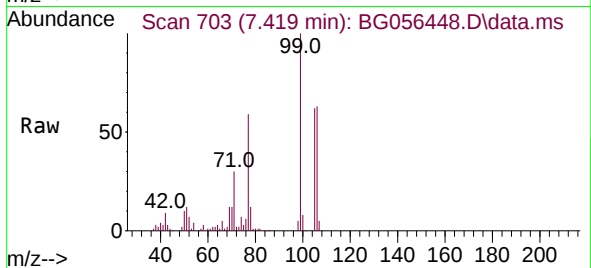
Tgt Ion:128 Resp: 99195
Ion Ratio Lower Upper
128 100
130 33.0 13.5 53.5
64 31.6 18.0 58.0





#9
Benzaldehyde
Concen: 24.422 ng
RT: 7.419 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

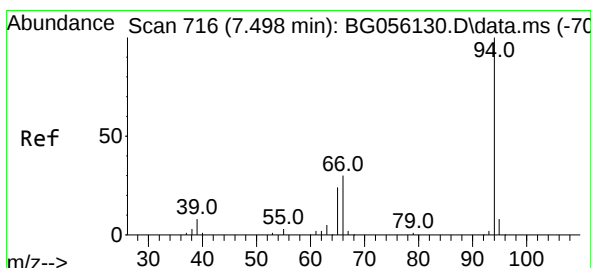
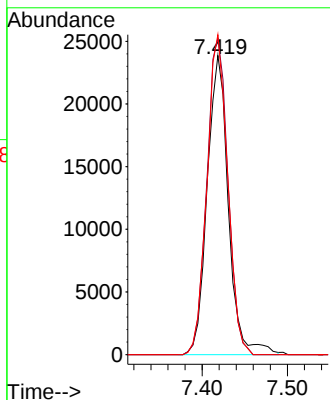
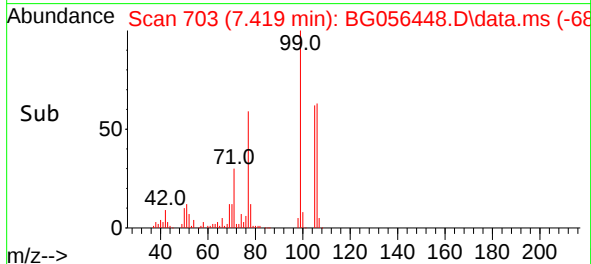
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Tgt Ion: 77 Resp: 4108
Ion Ratio Lower Upper
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105 105.9 86.8 126.8
106 107.0 89.3 129.3

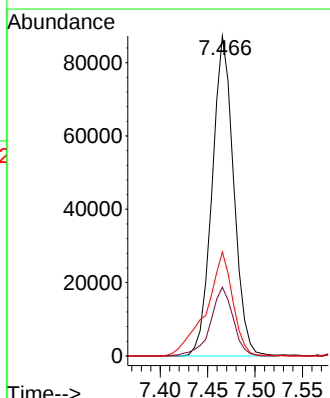
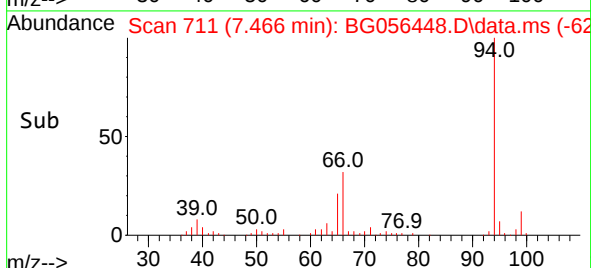
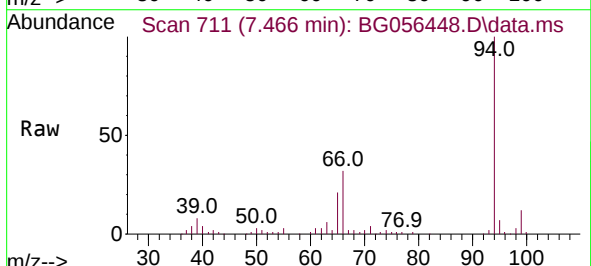
Manual Integrations
APPROVED

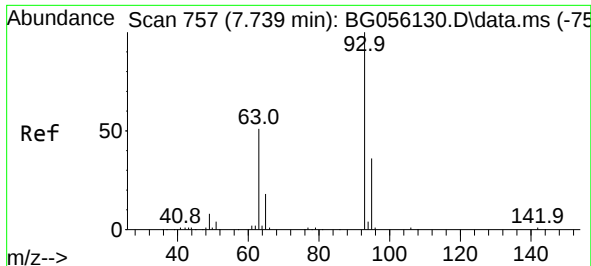
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#10
Phenol
Concen: 48.082 ng
RT: 7.466 min Scan# 711
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

Tgt Ion: 94 Resp: 137971
Ion Ratio Lower Upper
94 100
65 21.5 4.3 44.3
66 32.5 13.2 53.2





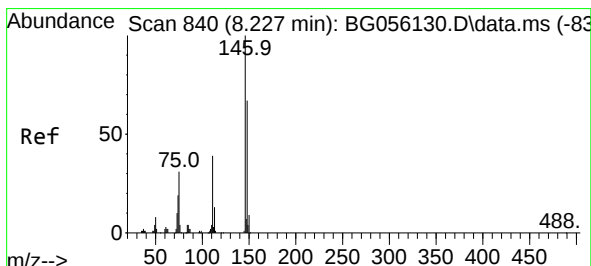
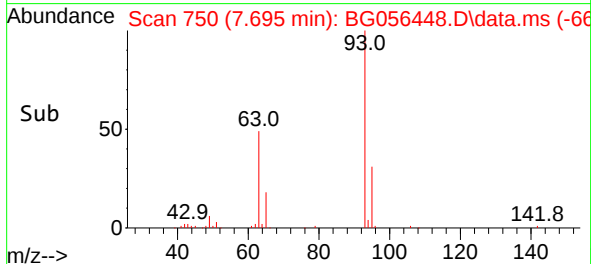
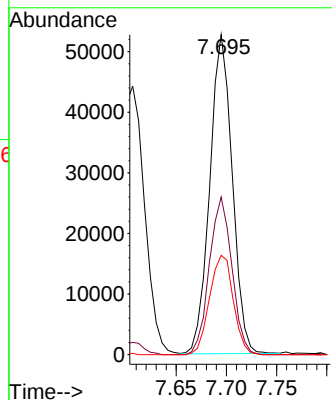
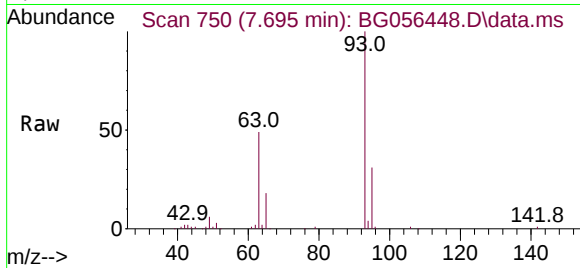
#11
bis(2-Chloroethyl)ether
Concen: 42.206 ng
RT: 7.695 min Scan# 757
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD

Tgt Ion: 93 Resp: 82074
Ion Ratio Lower Upper
93 100
63 49.2 30.5 70.5
95 31.0 15.9 55.9

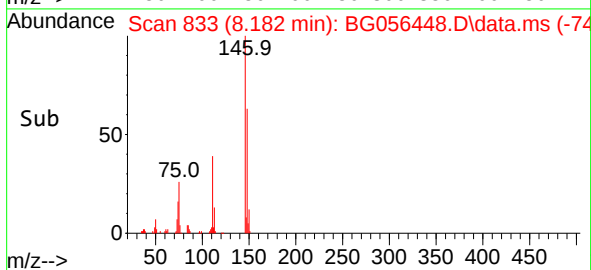
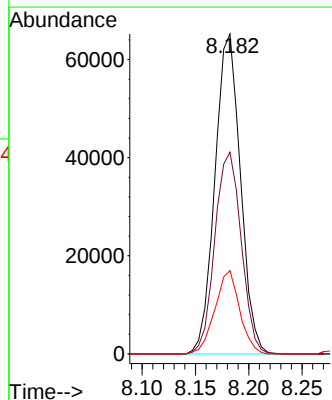
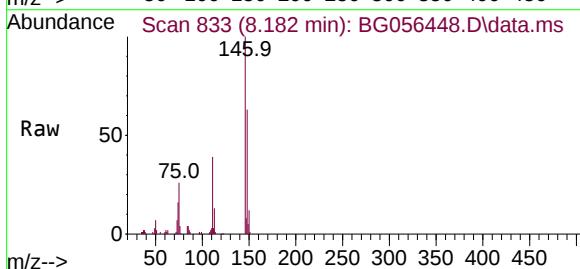
Manual Integrations
APPROVED

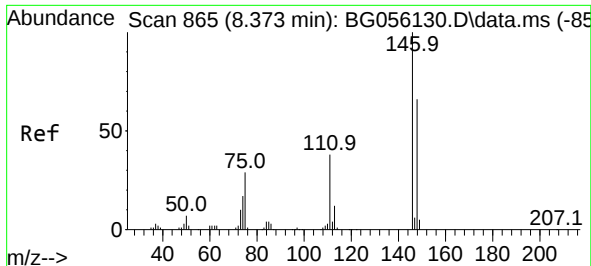
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#12
1,3-Dichlorobenzene
Concen: 48.722 ng
RT: 8.182 min Scan# 833
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

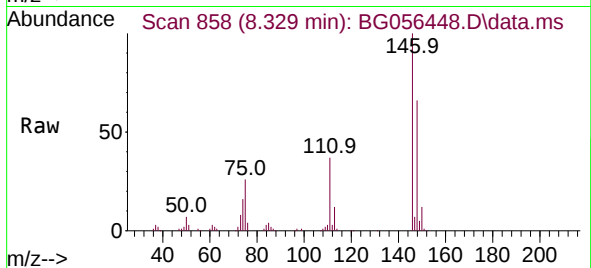
Tgt Ion:146 Resp: 108719
Ion Ratio Lower Upper
146 100
148 63.0 53.5 80.3
75 26.0 24.8 37.2





#13
1,4-Dichlorobenzene
Concen: 49.413 ng
RT: 8.329 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

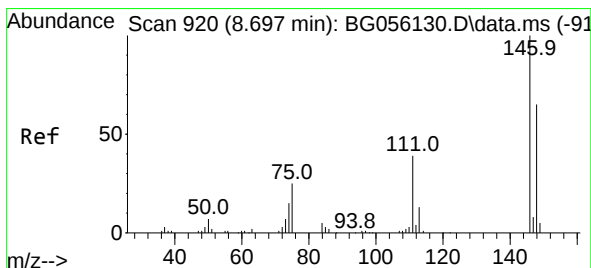
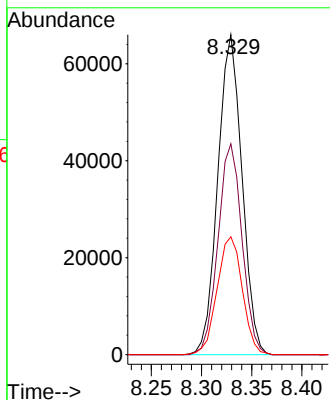
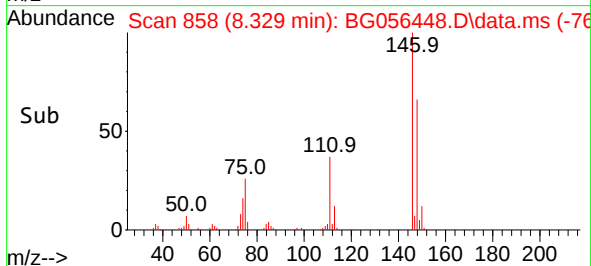
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



Tgt Ion:146 Resp: 110721
Ion Ratio Lower Upper
146 100
148 65.9 52.8 79.2
111 36.9 30.5 45.7

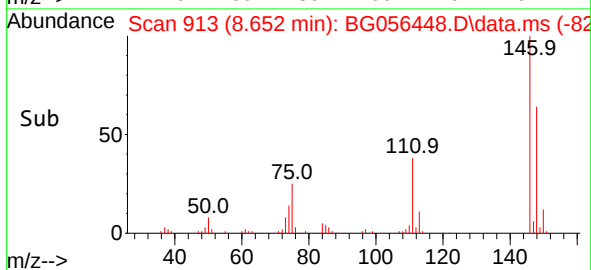
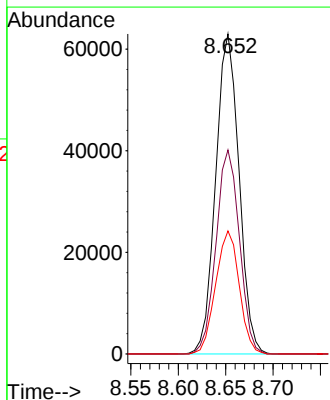
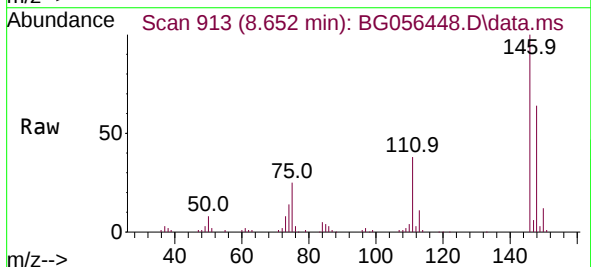
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 49.891 ng
RT: 8.652 min Scan# 913
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

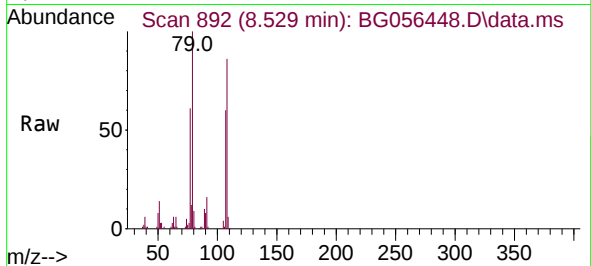
Tgt Ion:146 Resp: 107868
Ion Ratio Lower Upper
146 100
148 63.7 51.7 77.5
111 38.4 31.5 47.3





#15
Benzyl Alcohol
Concen: 41.527 ng
RT: 8.529 min Scan# 898
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

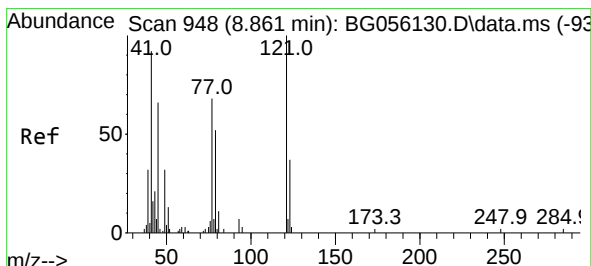
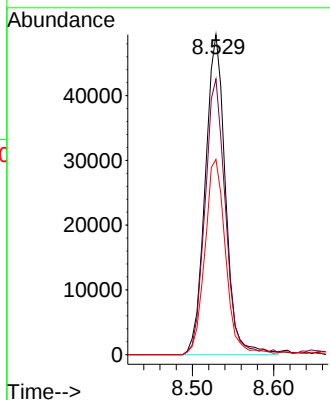
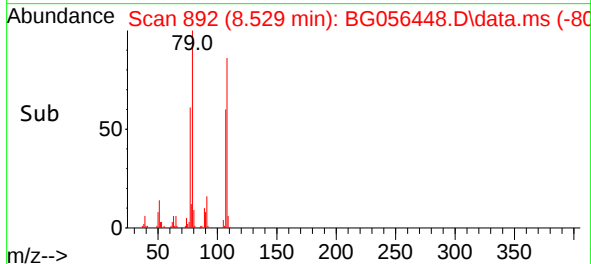
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



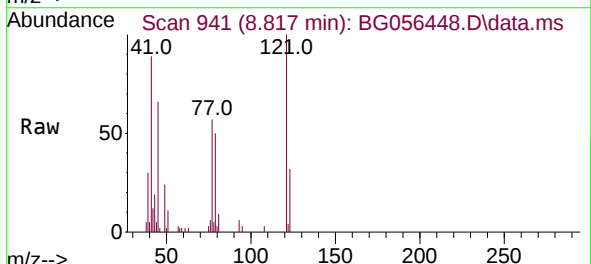
Tgt Ion: 79 Resp: 85516
Ion Ratio Lower Upper
79 100
108 86.1 64.7 97.1
77 61.0 51.5 77.3

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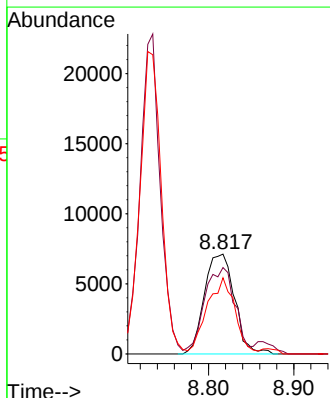
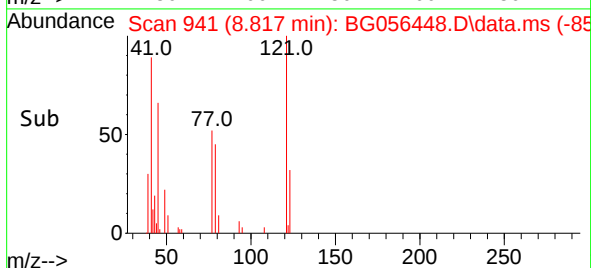
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

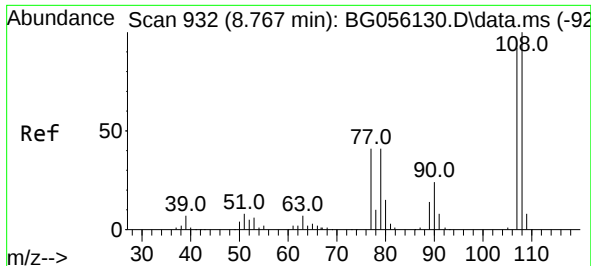


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.714 ng
RT: 8.817 min Scan# 941
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32



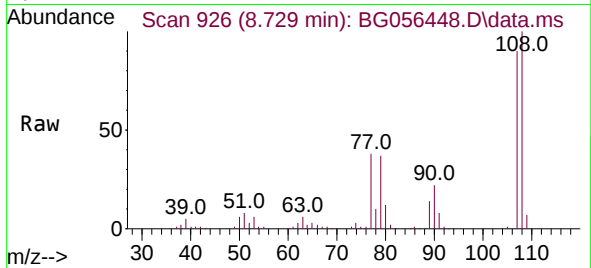
Tgt Ion: 45 Resp: 17427
Ion Ratio Lower Upper
45 100
77 86.5 88.2 128.2#
79 76.2 61.2 101.2





#17
2-Methylphenol
Concen: 44.036 ng
RT: 8.729 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

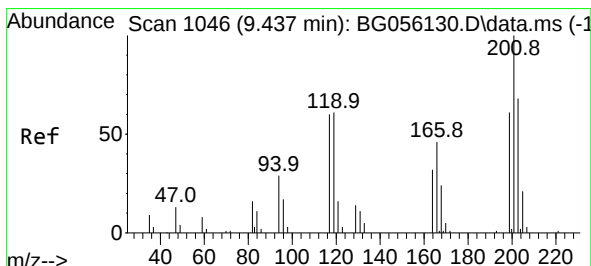
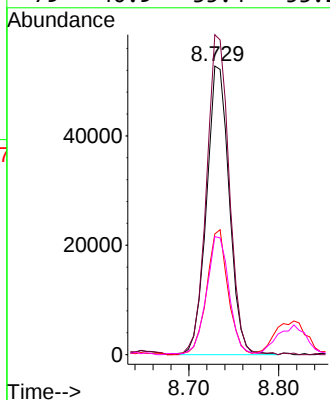
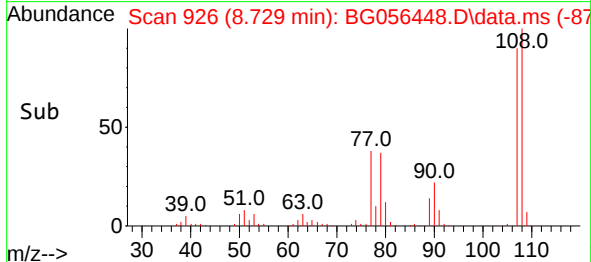
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



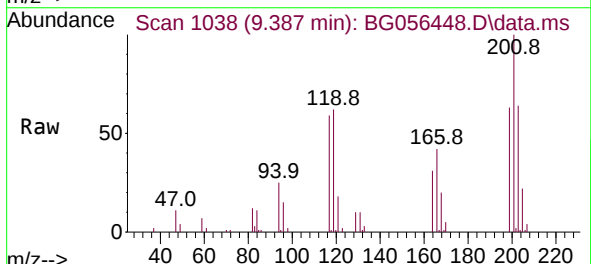
Tgt Ion:	107	Resp:	9272
Ion	Ratio	Lower	Upper
107	100		
108	110.9	86.6	129.8
77	41.8	35.4	53.2
79	40.9	35.4	53.2

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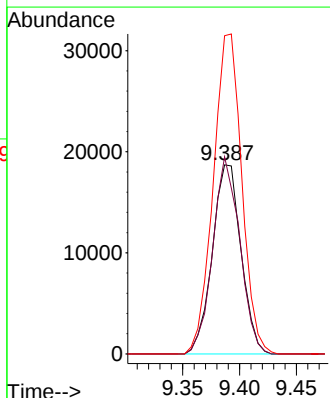
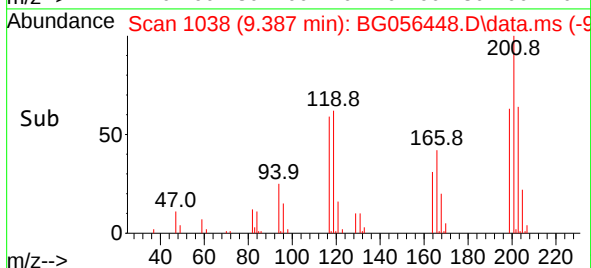
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

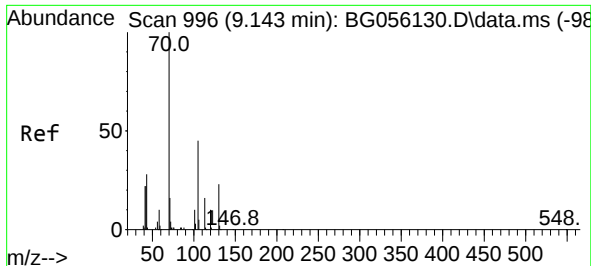


#18
Hexachloroethane
Concen: 48.185 ng
RT: 9.387 min Scan# 1038
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32



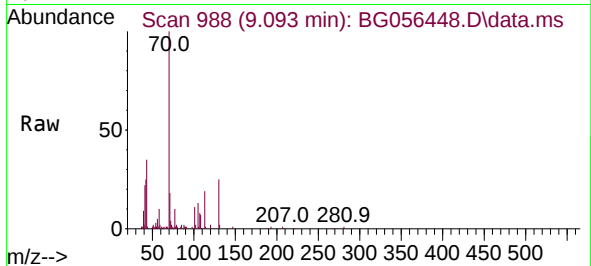
Tgt Ion:	117	Resp:	32800
Ion	Ratio	Lower	Upper
117	100		
119	102.5	81.8	122.6
201	165.5	134.2	201.2





#19
n-Nitroso-di-n-propylamine
Concen: 37.001 ng
RT: 9.093 min Scan# 981
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

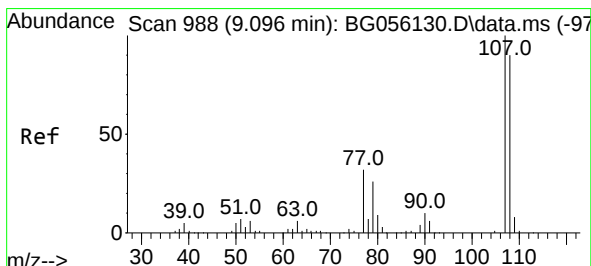
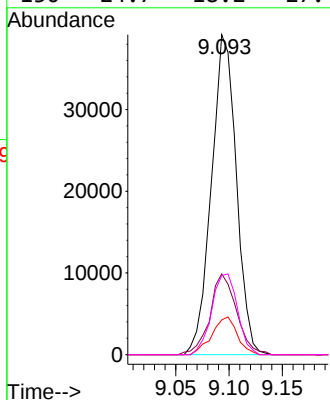
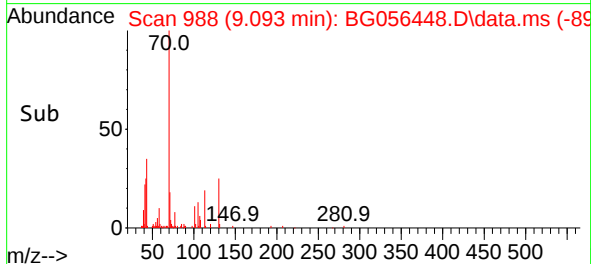
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



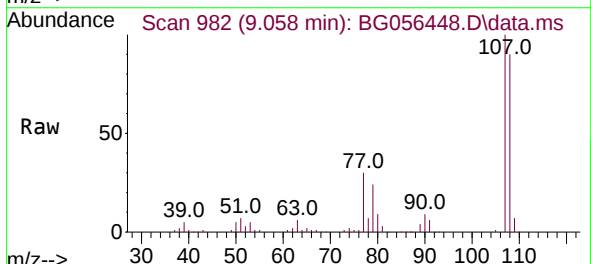
Tgt Ion: 70 Resp: 63663
Ion Ratio Lower Upper
70 100
42 25.2 18.2 27.2
101 10.8 8.3 12.5
130 24.7 18.2 27.4

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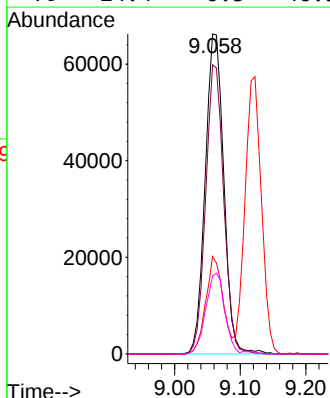
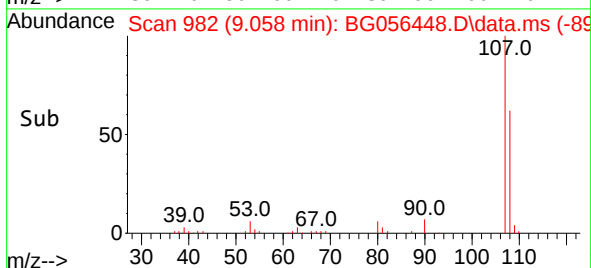
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

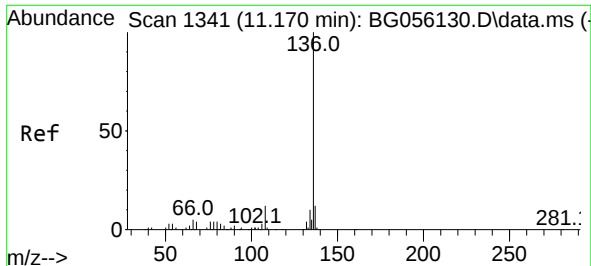


#20
3+4-Methylphenols
Concen: 43.979 ng
RT: 9.058 min Scan# 982
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32



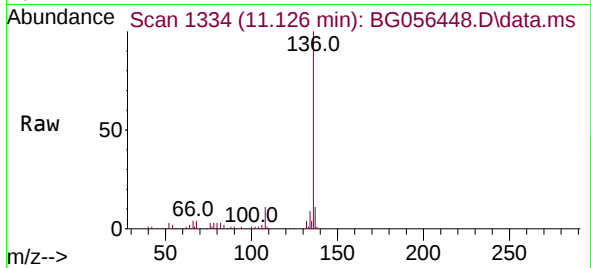
Tgt Ion:107 Resp: 130191
Ion Ratio Lower Upper
107 100
108 90.3 69.6 109.6
77 30.5 11.7 51.7
79 24.4 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.126 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

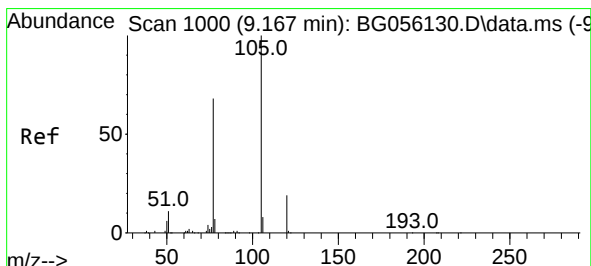
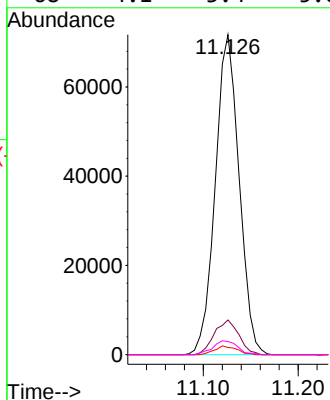
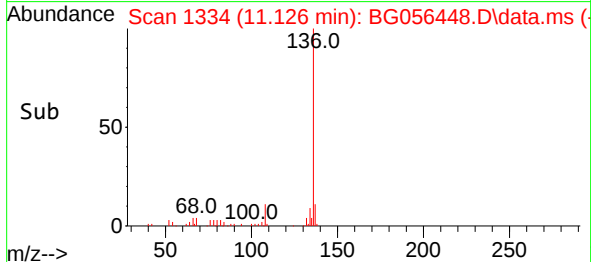
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



Tgt Ion:136 Resp: 125074
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.0
54 2.2 2.2 3.2
68 4.1 3.4 5.0

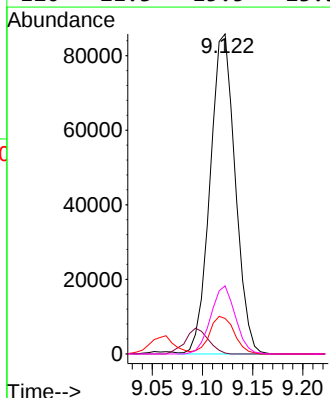
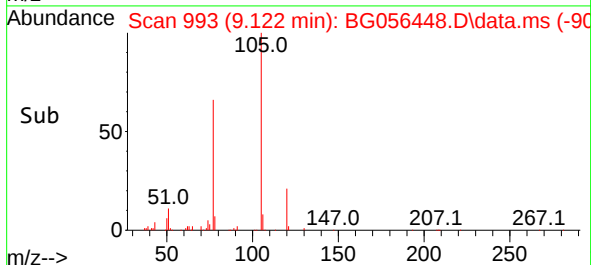
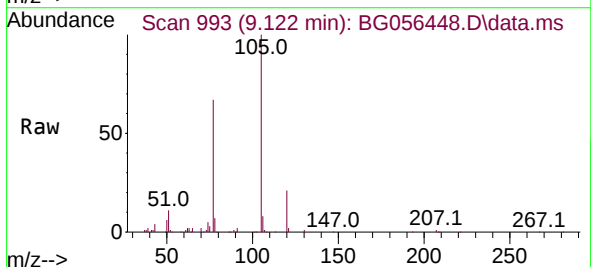
Manual Integrations
APPROVED

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



#22
Acetophenone
Concen: 42.327 ng
RT: 9.122 min Scan# 993
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

Tgt Ion:105 Resp: 149690
Ion Ratio Lower Upper
105 100
71 0.3 0.5 0.7#
51 11.1 9.3 13.9
120 21.3 15.5 23.3





#23

Nitrobenzene-d5

Concen: 66.250 ng

RT: 9.469 min Scan# 1052

Delta R.T. -0.005 min

Lab File: BG056448.D

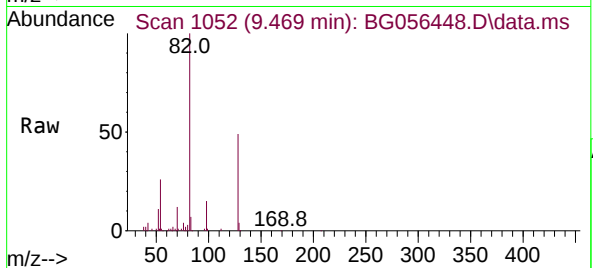
Acq: 26 Jan 2023 18:32

Instrument :

BNA_G

ClientSampleId :

TJRC-011823-B3-30-40MSD



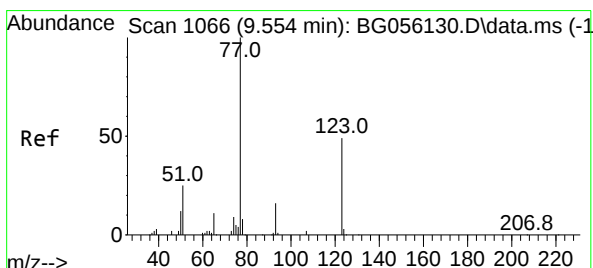
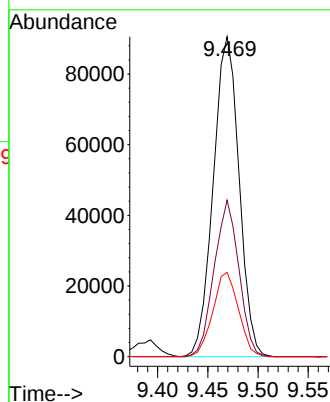
Tgt Ion: 82	Resp: 161992
Ion Ratio	Lower Upper
82	100
128	48.9 33.4 50.2
54	26.3 20.3 30.5

Manual Integrations

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Reviewed By :Christian Giraldo 01/27/2023

Supervised By :Jagrut Upadhyay 01/27/2023



#24

Nitrobenzene

Concen: 40.093 ng

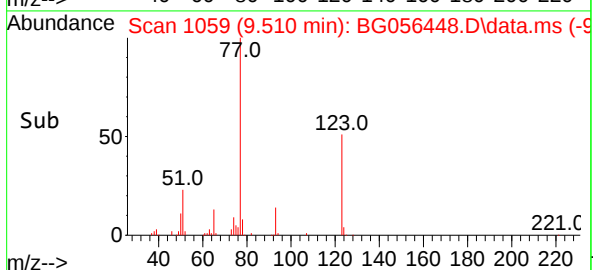
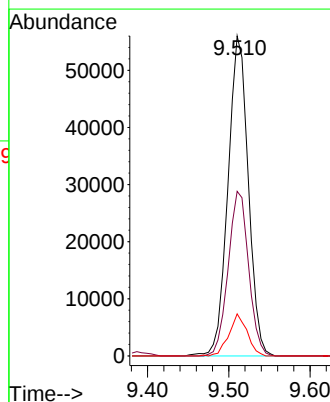
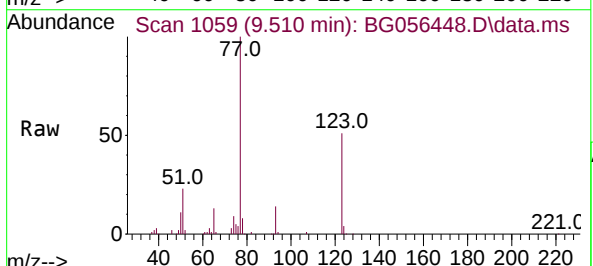
RT: 9.510 min Scan# 1059

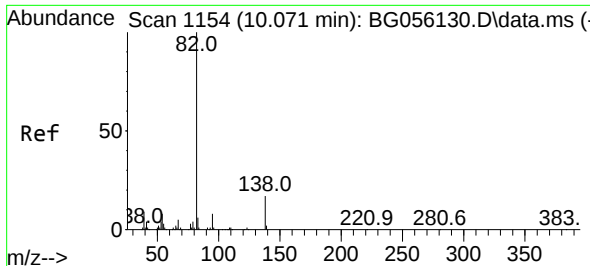
Delta R.T. -0.005 min

Lab File: BG056448.D

Acq: 26 Jan 2023 18:32

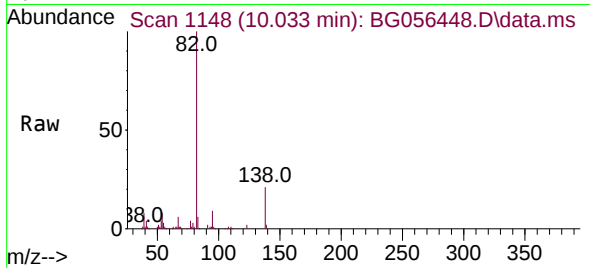
Tgt Ion: 77	Resp: 97151
Ion Ratio	Lower Upper
77	100
123	51.4 38.8 58.2
65	13.1 9.1 13.7





#25
Isophorone
Concen: 37.206 ng
RT: 10.033 min Scan# 1114
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

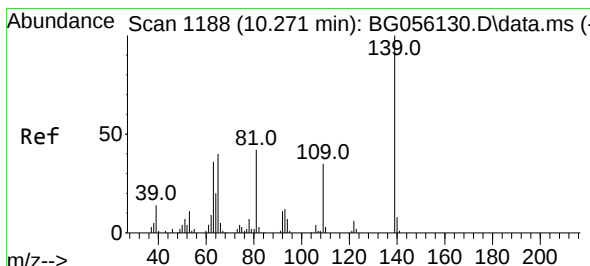
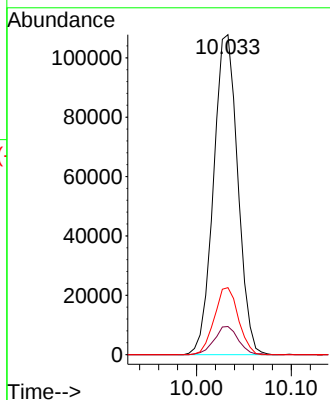
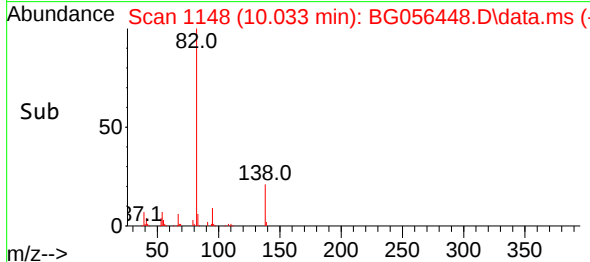
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



Tgt Ion: 82 Resp: 191414
Ion Ratio Lower Upper
82 100
95 8.8 6.7 10.1
138 20.9 13.7 20.5

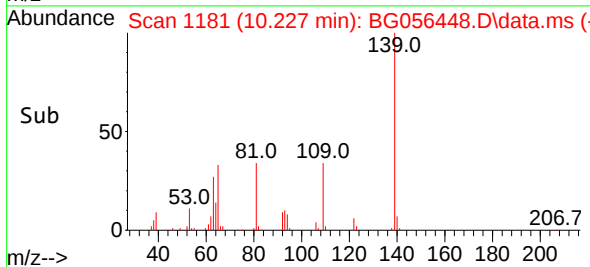
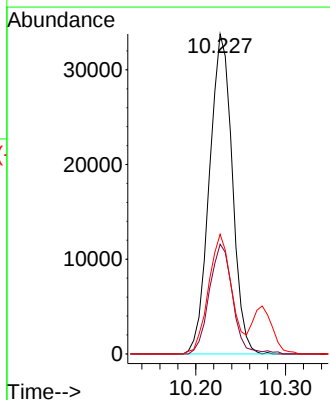
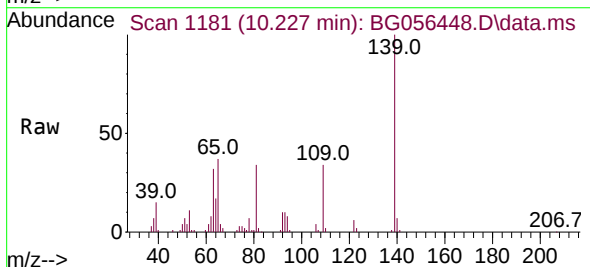
Manual Integrations
APPROVED

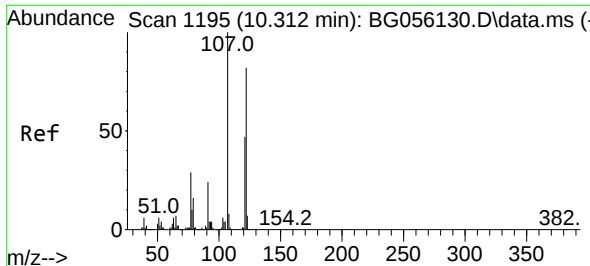
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#26
2-Nitrophenol
Concen: 48.345 ng
RT: 10.227 min Scan# 1181
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

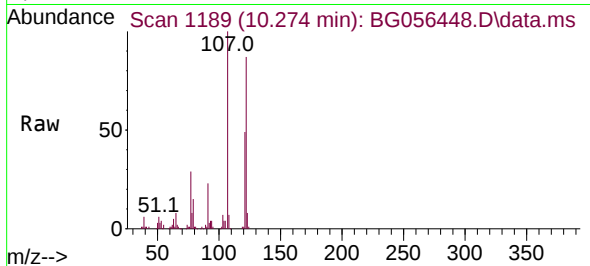
Tgt Ion:139 Resp: 59939
Ion Ratio Lower Upper
139 100
109 34.3 28.4 42.6
65 37.4 32.1 48.1





#27
2,4-Dimethylphenol
Concen: 46.149 ng
RT: 10.274 min Scan# 1195
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

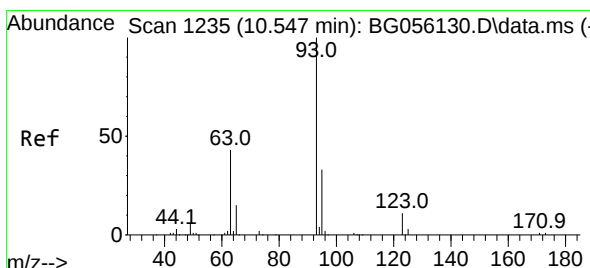
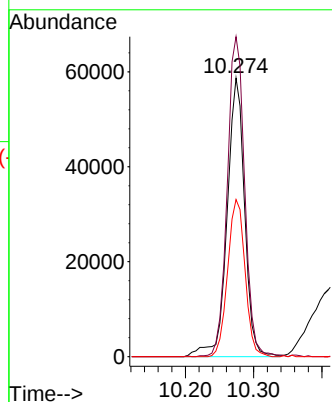
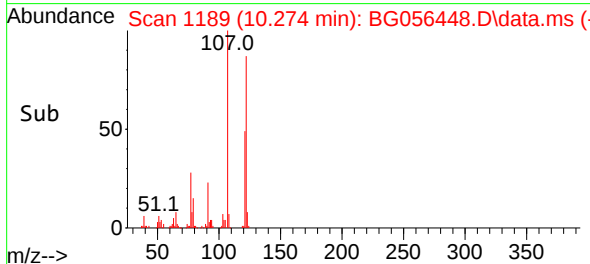
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



Tgt Ion:122 Resp: 104352
Ion Ratio Lower Upper
122 100
107 114.9 97.5 146.3
121 56.4 45.9 68.9

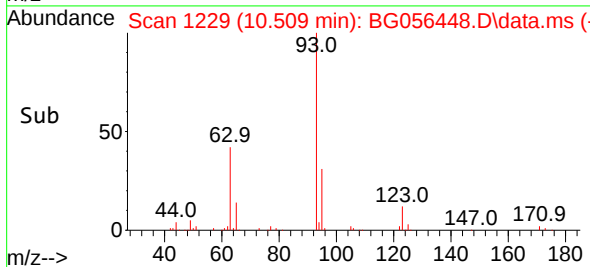
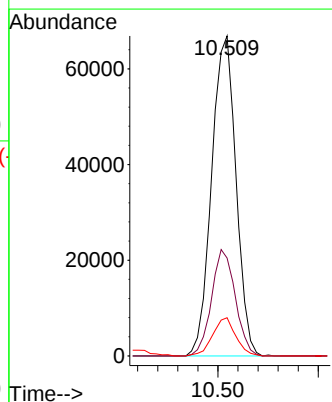
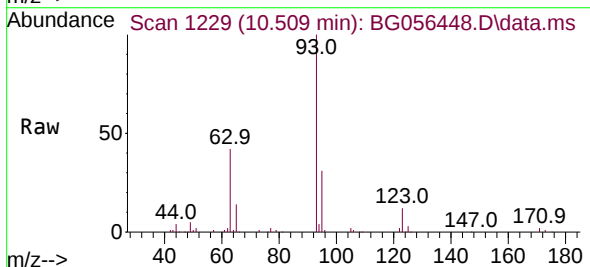
Manual Integrations
APPROVED

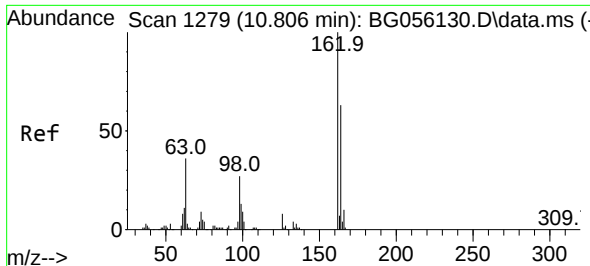
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#28
bis(2-Chloroethoxy)methane
Concen: 42.212 ng
RT: 10.509 min Scan# 1229
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

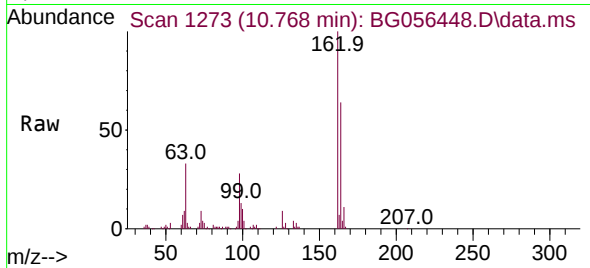
Tgt Ion: 93 Resp: 112872
Ion Ratio Lower Upper
93 100
95 30.6 26.2 39.2
123 11.9 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 49.565 ng
RT: 10.768 min Scan# 1273
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

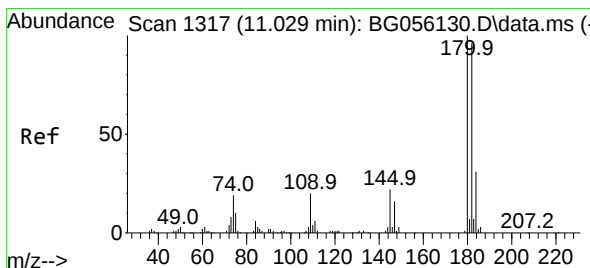
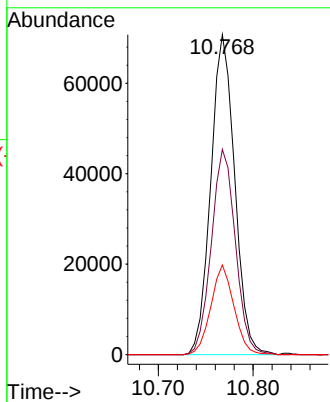
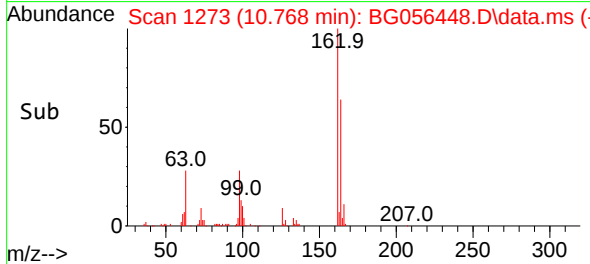
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



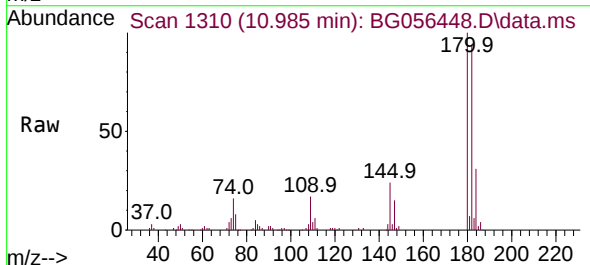
Tgt Ion:162 Resp: 123913
Ion Ratio Lower Upper
162 100
164 64.1 43.3 83.3
98 28.0 6.8 46.8

Manual Integrations
APPROVED

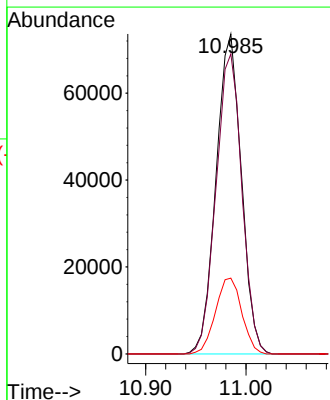
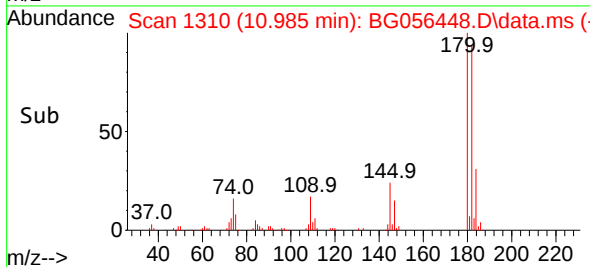
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

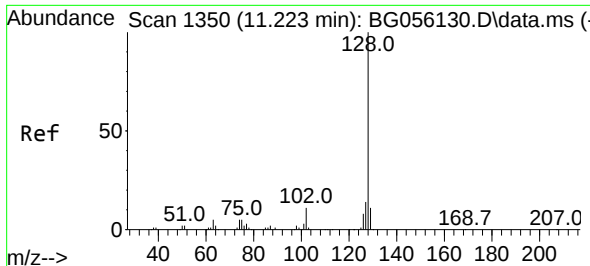


#30
1,2,4-Trichlorobenzene
Concen: 45.431 ng
RT: 10.985 min Scan# 1310
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32



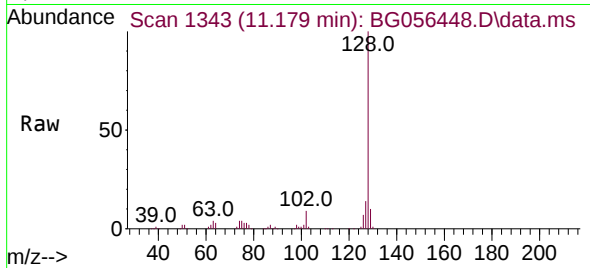
Tgt Ion:180 Resp: 128889
Ion Ratio Lower Upper
180 100
182 93.7 77.0 115.4
145 23.7 17.4 26.2





#31
Naphthalene
Concen: 45.485 ng
RT: 11.179 min Scan# 1350
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

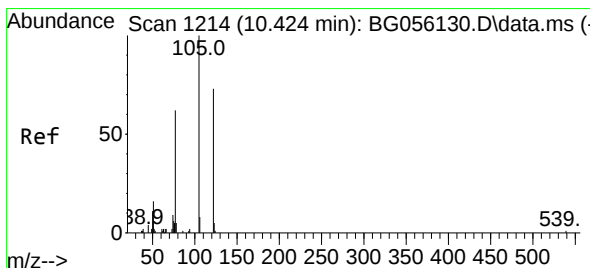
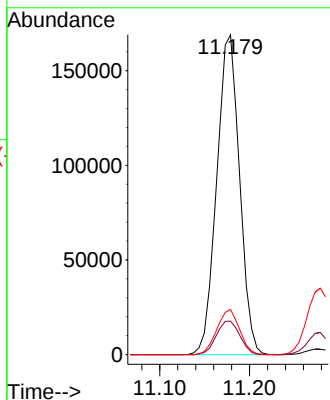
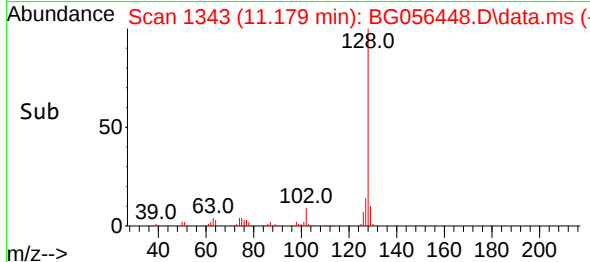
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



Tgt Ion:128 Resp: 299402
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 14.1 11.2 16.8

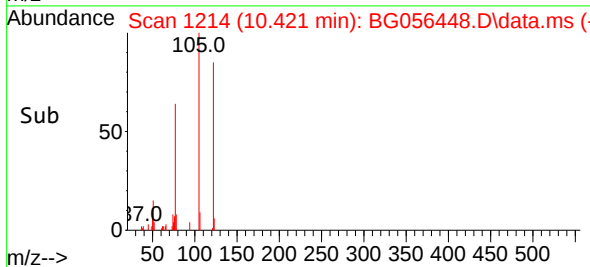
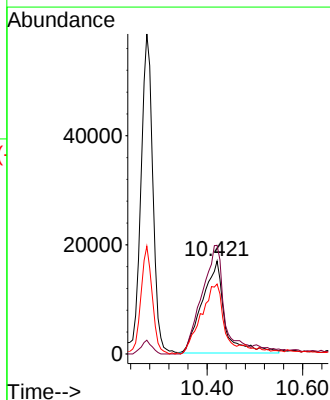
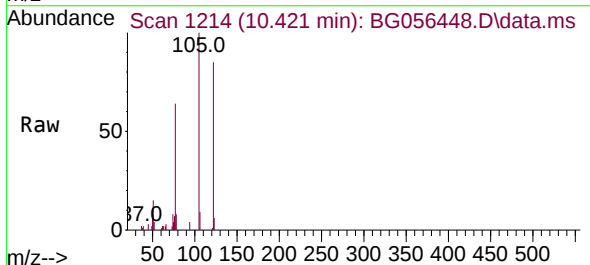
Manual Integrations
APPROVED

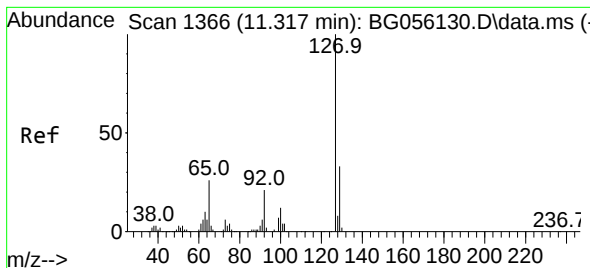
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#32
Benzoic acid
Concen: 33.133 ng m
RT: 10.421 min Scan# 1214
Delta R.T. 0.013 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

Tgt Ion:122 Resp: 55591
Ion Ratio Lower Upper
122 100
105 117.0 109.0 149.0
77 75.3 63.1 103.1





#33

4-Chloroaniline

Concen: 21.695 ng

RT: 11.279 min Scan# 1360

Delta R.T. 0.001 min

Lab File: BG056448.D

Acq: 26 Jan 2023 18:32

Instrument :

BNA_G

ClientSampleId :

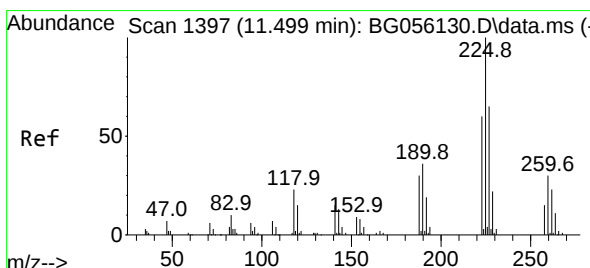
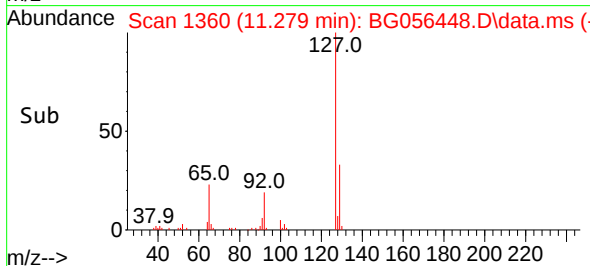
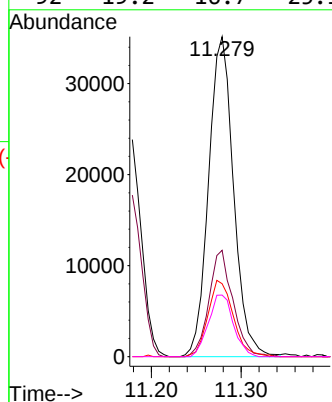
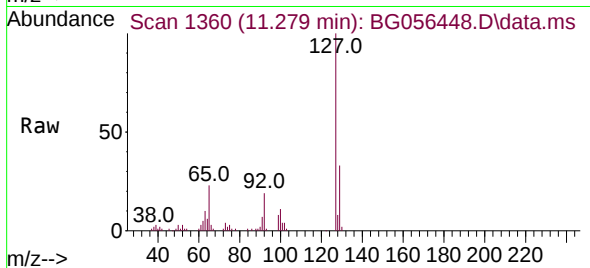
TJRC-011823-B3-30-40MSD

Tgt Ion:	127	Resp:	68183
Ion Ratio	Lower	Upper	
127	100		
129	33.2	26.1	39.1
65	22.8	20.9	31.3
92	19.2	16.7	25.1

Manual Integrations

APPROVED

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



#34

Hexachlorobutadiene

Concen: 44.153 ng

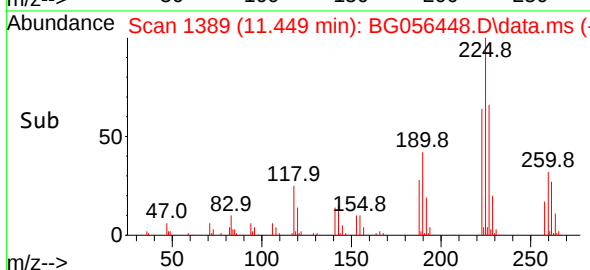
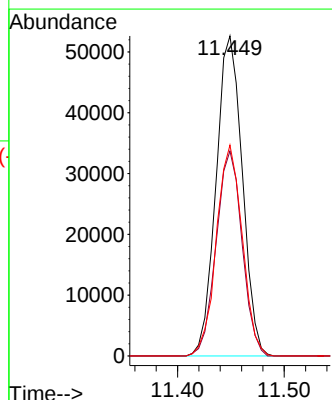
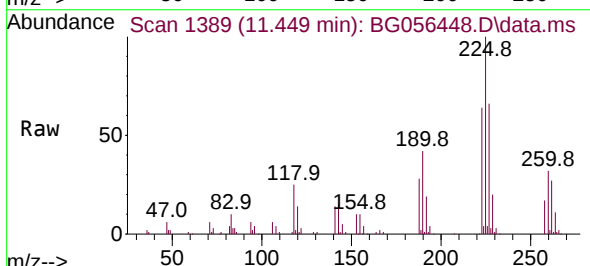
RT: 11.449 min Scan# 1389

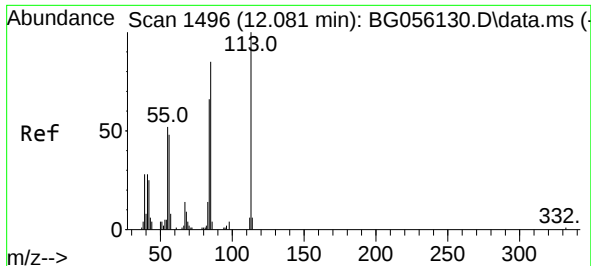
Delta R.T. -0.005 min

Lab File: BG056448.D

Acq: 26 Jan 2023 18:32

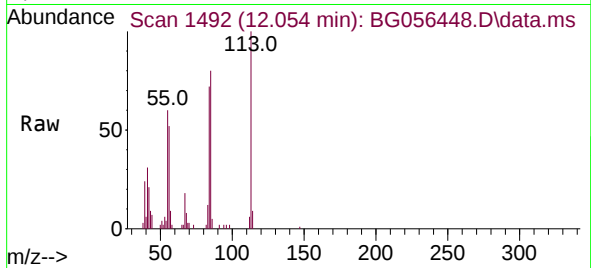
Tgt Ion:	225	Resp:	90093
Ion Ratio	Lower	Upper	
225	100		
223	64.0	47.7	71.5
227	65.9	52.3	78.5





#35
Caprolactam
Concen: 41.095 ng m
RT: 12.054 min Scan# 1496
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

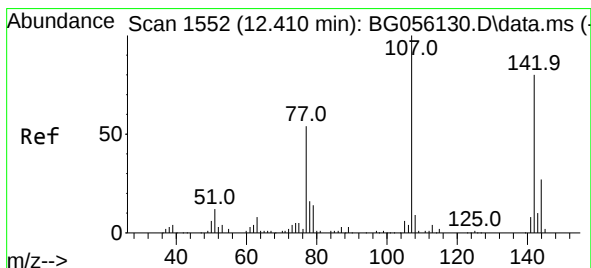
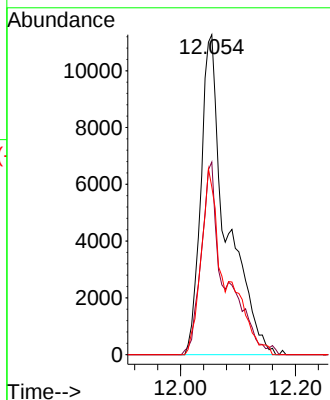
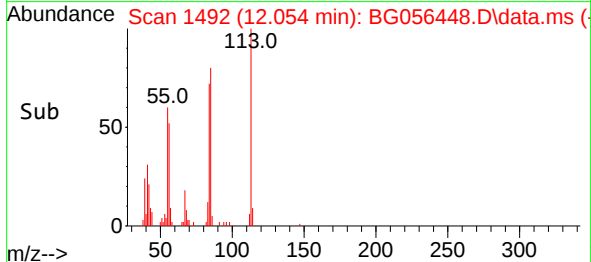
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



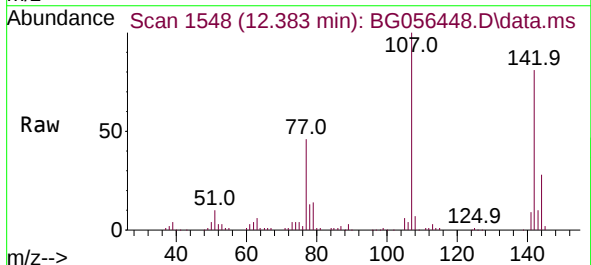
Tgt Ion:113 Resp: 34784
Ion Ratio Lower Upper
113 100
55 60.2 31.9 71.9
56 52.4 27.6 67.6

Manual Integrations
APPROVED

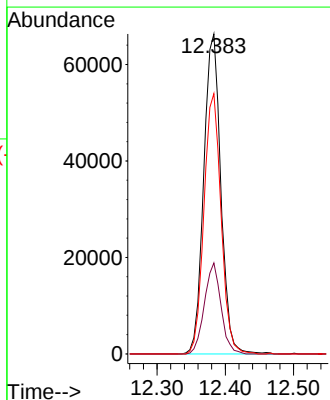
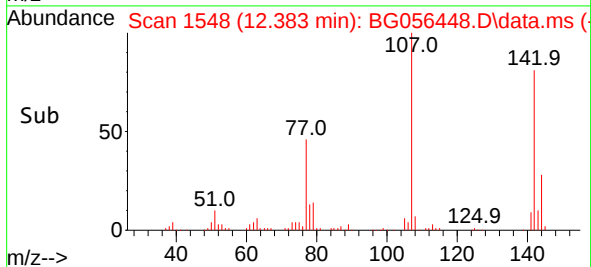
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

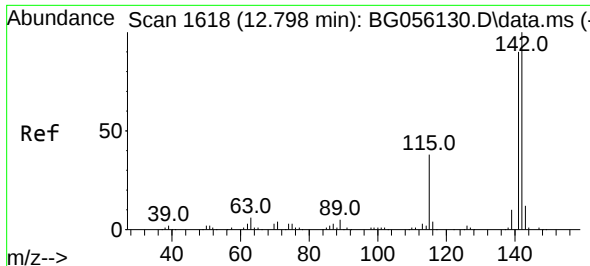


#36
4-Chloro-3-methylphenol
Concen: 45.477 ng
RT: 12.383 min Scan# 1548
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32



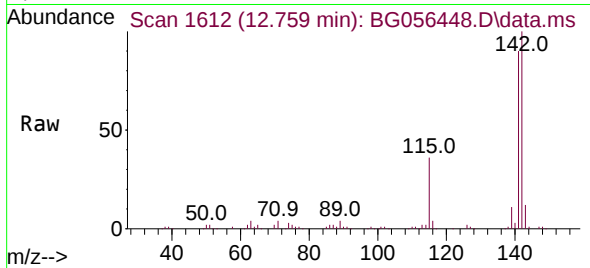
Tgt Ion:107 Resp: 115367
Ion Ratio Lower Upper
107 100
144 28.4 21.5 32.3
142 81.3 63.8 95.6





#37
2-Methylnaphthalene
Concen: 41.892 ng
RT: 12.759 min Scan# 1612
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

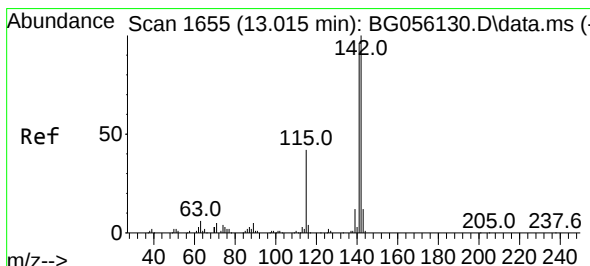
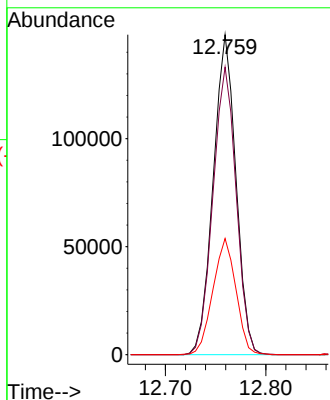
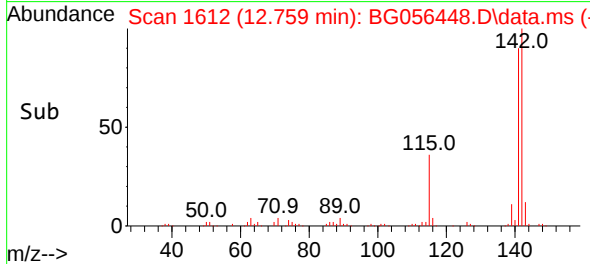
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



Tgt Ion:142 Resp: 232833
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.4
115 36.3 30.7 46.1

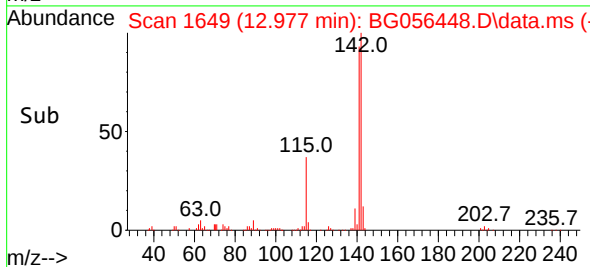
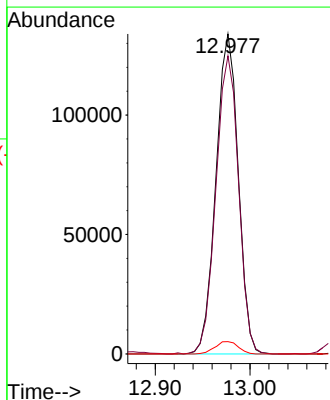
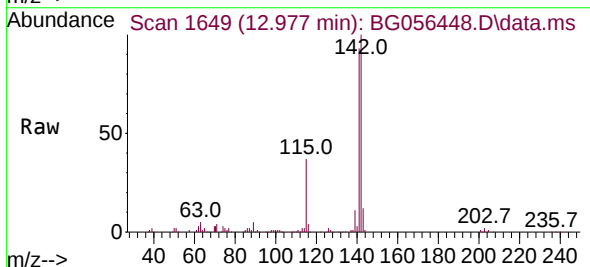
Manual Integrations
APPROVED

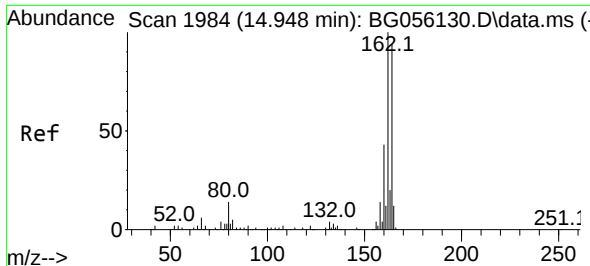
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#38
1-Methylnaphthalene
Concen: 42.359 ng
RT: 12.977 min Scan# 1649
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

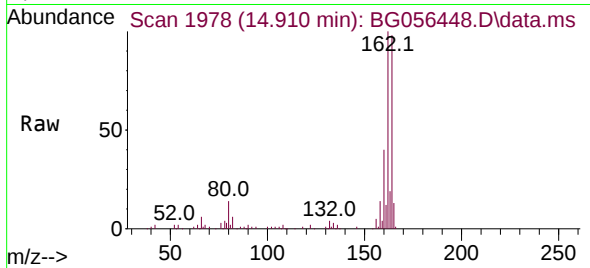
Tgt Ion:142 Resp: 218624
Ion Ratio Lower Upper
142 100
141 93.1 77.0 115.6
116 3.8 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.910 min Scan# 1984
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

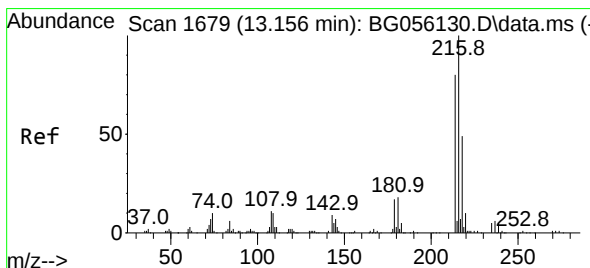
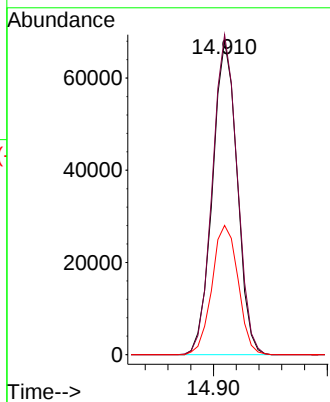
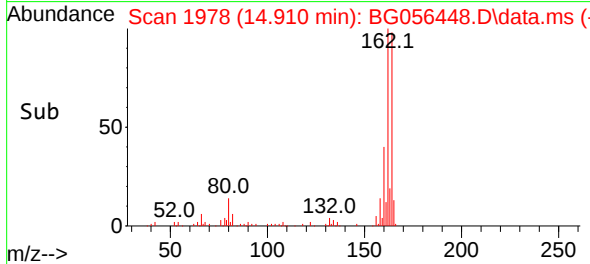
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



Tgt Ion:164 Resp: 102337
Ion Ratio Lower Upper
164 100
162 101.9 84.7 127.1
160 41.2 36.3 54.5

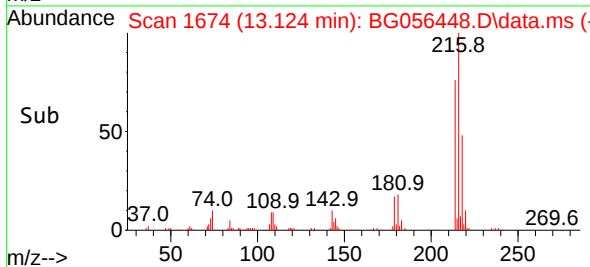
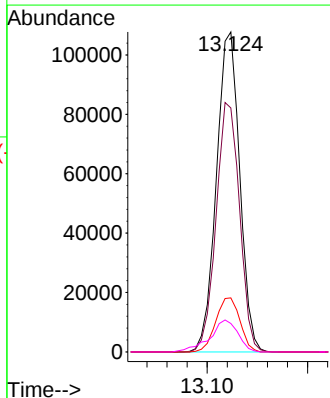
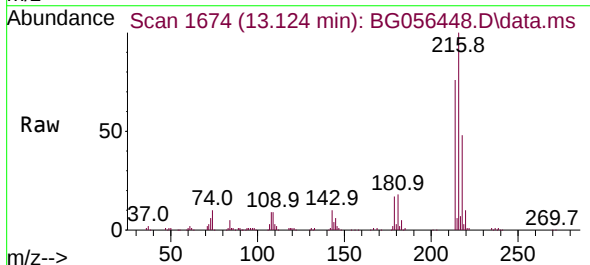
Manual Integrations
APPROVED

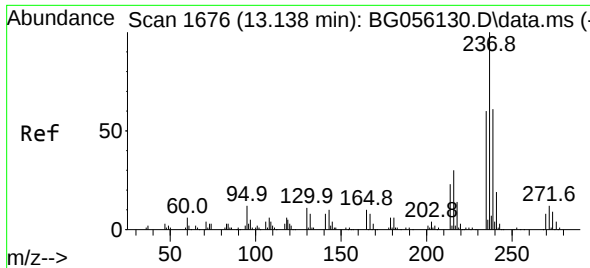
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.381 ng
RT: 13.124 min Scan# 1674
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

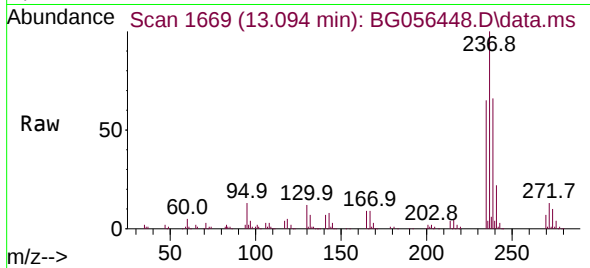
Tgt Ion:216 Resp: 174060
Ion Ratio Lower Upper
216 100
214 78.4 63.4 95.0
179 17.5 13.6 20.4
108 11.9 9.6 14.4





#41
Hexachlorocyclopentadiene
Concen: 79.021 ng
RT: 13.094 min Scan# 1669
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

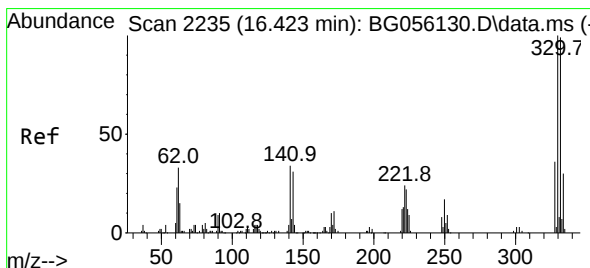
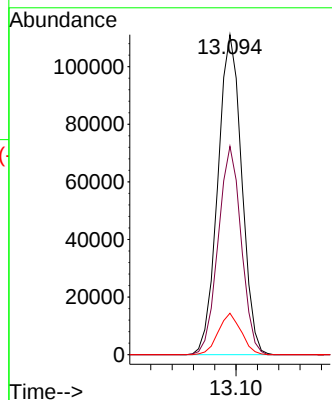
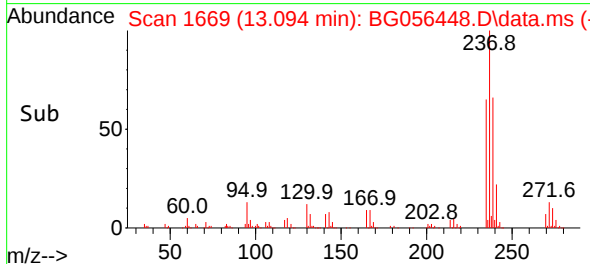
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



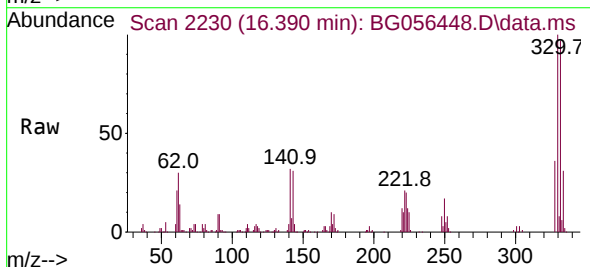
Tgt Ion:237 Resp: 172799
Ion Ratio Lower Upper
237 100
235 65.1 40.3 80.3
272 12.9 0.0 32.5

Manual Integrations
APPROVED

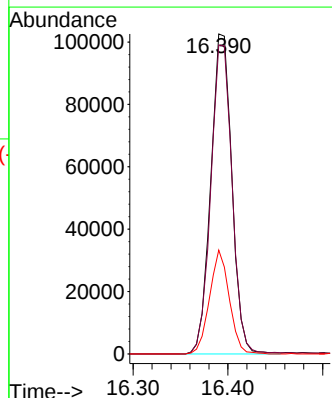
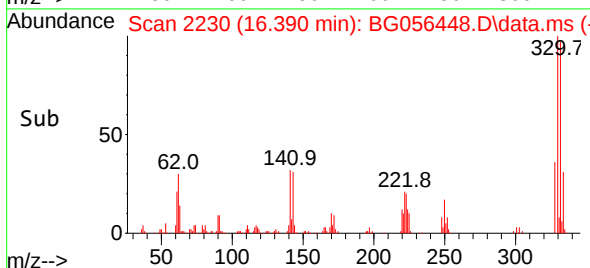
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

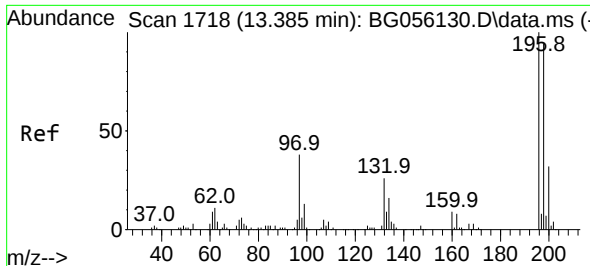


#42
2,4,6-Tribromophenol
Concen: 122.266 ng
RT: 16.390 min Scan# 2230
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32



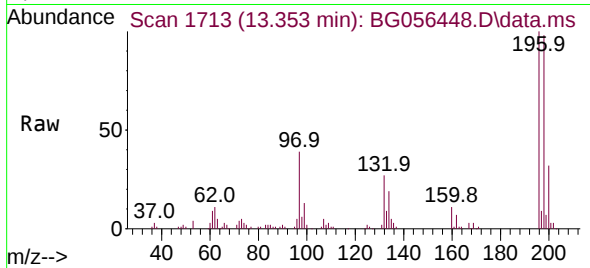
Tgt Ion:330 Resp: 158467
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 30.3 27.9 41.9





#43
2,4,6-Trichlorophenol
Concen: 47.251 ng
RT: 13.353 min Scan# 1718
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

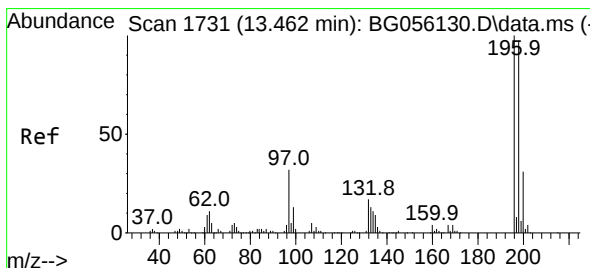
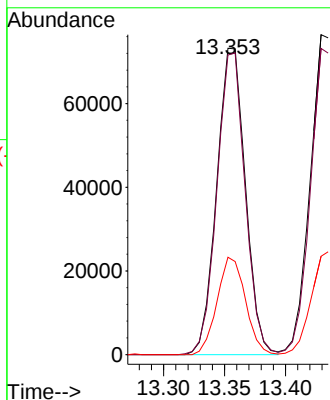
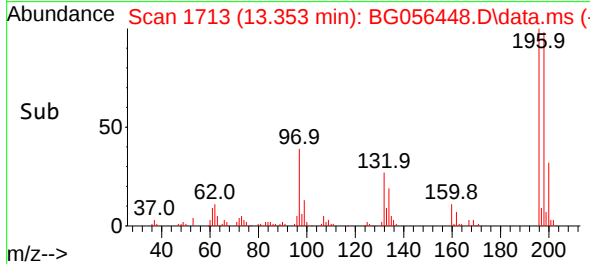
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



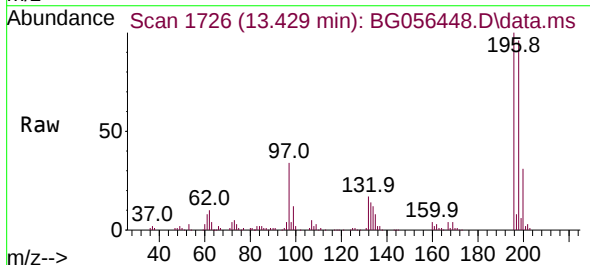
Tgt Ion:196 Resp: 119840
Ion Ratio Lower Upper
196 100
198 97.8 75.5 113.3
200 31.8 25.7 38.5

Manual Integrations
APPROVED

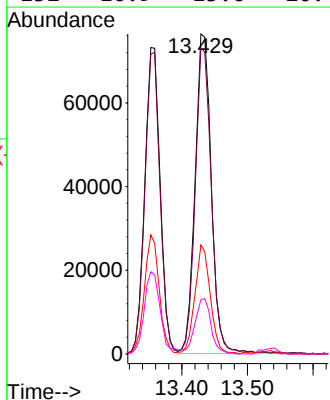
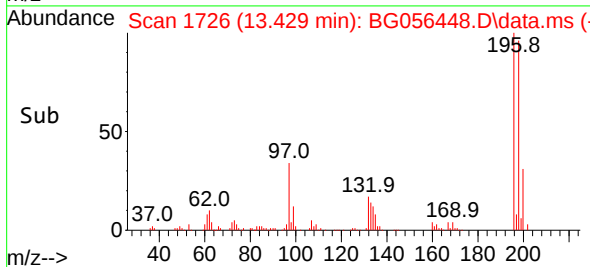
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

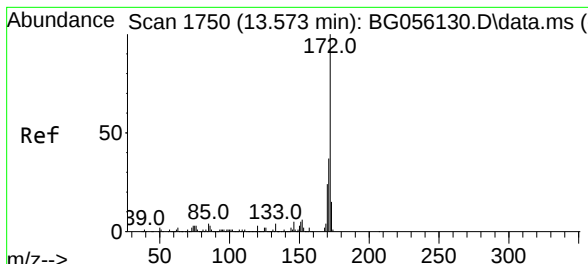


#44
2,4,5-Trichlorophenol
Concen: 43.535 ng
RT: 13.429 min Scan# 1726
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32



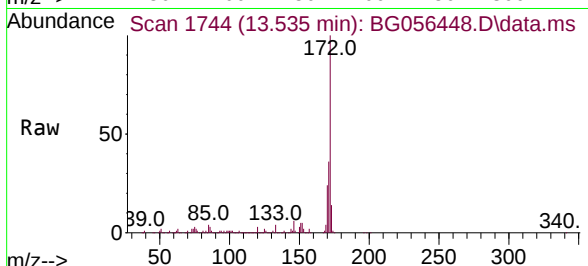
Tgt Ion:196 Resp: 130613
Ion Ratio Lower Upper
196 100
198 95.7 78.0 117.0
97 34.0 25.7 38.5
132 16.9 13.6 20.4





#45
2-Fluorobiphenyl
Concen: 70.788 ng
RT: 13.535 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

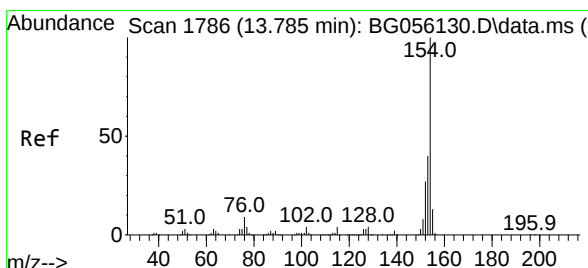
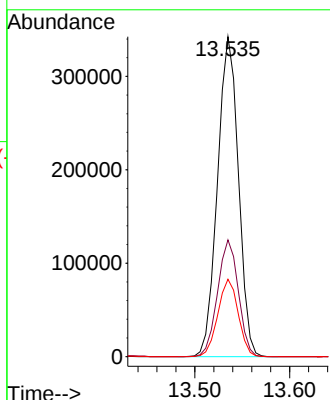
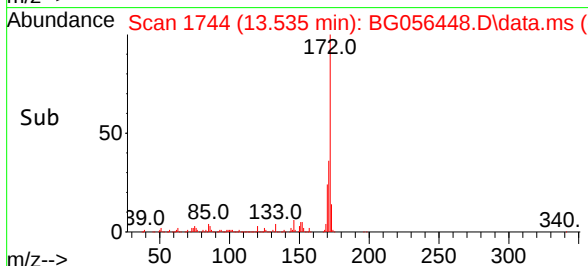
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



Tgt Ion:172 Resp: 524605
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.2 19.4 29.2

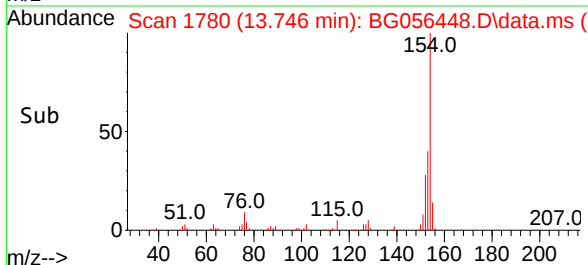
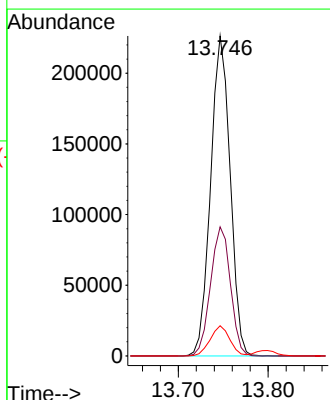
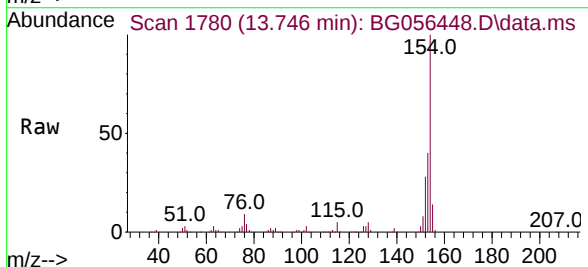
Manual Integrations
APPROVED

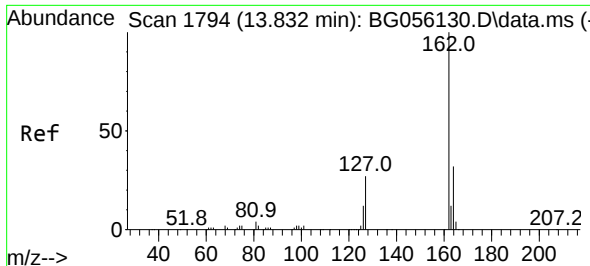
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#46
1,1'-Biphenyl
Concen: 46.705 ng
RT: 13.746 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

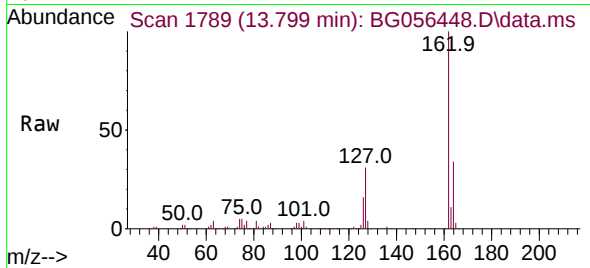
Tgt Ion:154 Resp: 342304
Ion Ratio Lower Upper
154 100
153 40.3 20.0 60.0
76 9.4 0.0 29.3





#47
2-Chloronaphthalene
Concen: 46.871 ng
RT: 13.799 min Scan# 1789
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

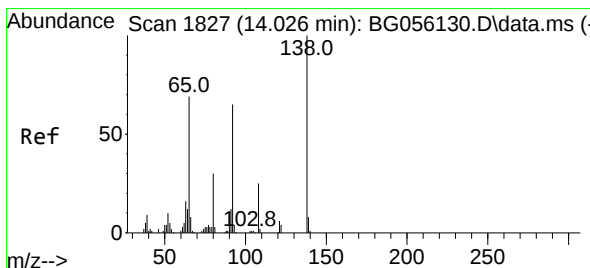
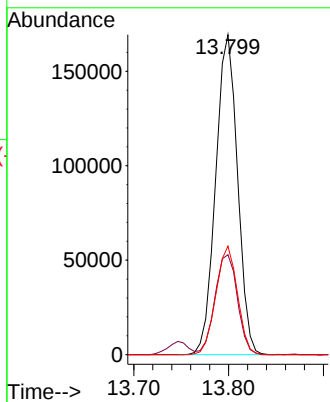
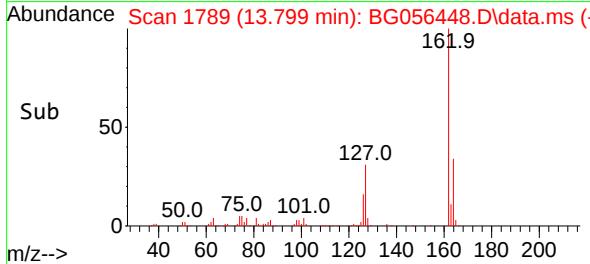
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



Tgt Ion:162 Resp: 271145
Ion Ratio Lower Upper
162 100
127 31.2 24.6 36.8
164 33.9 25.8 38.8

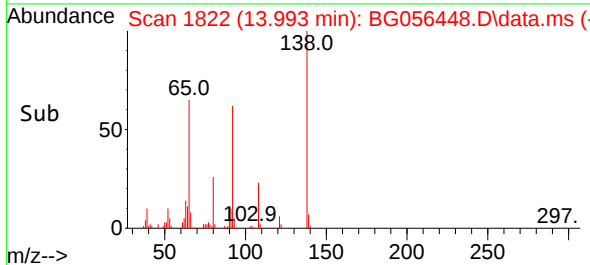
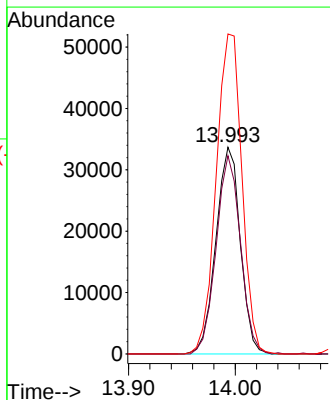
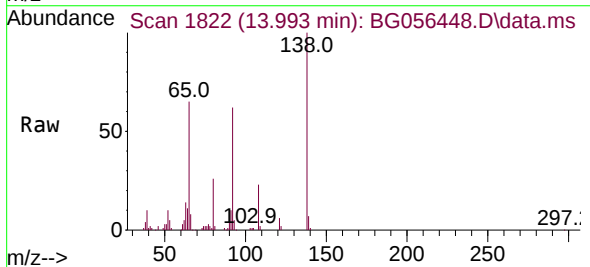
Manual Integrations
APPROVED

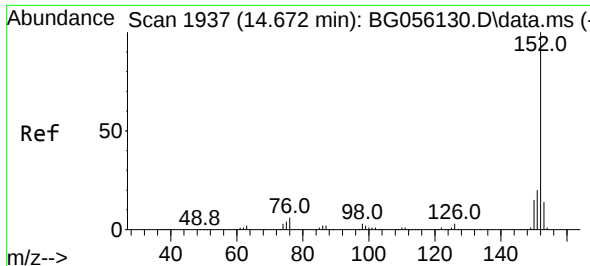
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#48
2-Nitroaniline
Concen: 43.415 ng
RT: 13.993 min Scan# 1822
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

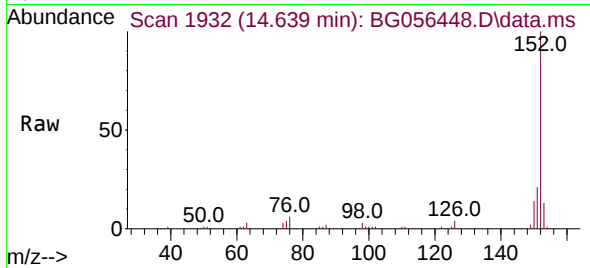
Tgt Ion: 65 Resp: 53511
Ion Ratio Lower Upper
65 100
92 95.9 76.0 114.0
138 154.8 116.6 174.8





#49
Acenaphthylene
Concen: 45.461 ng
RT: 14.639 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

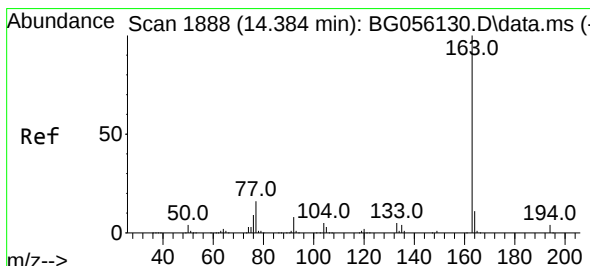
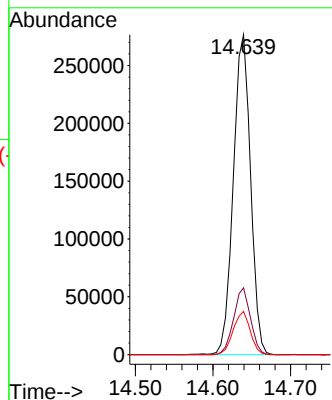
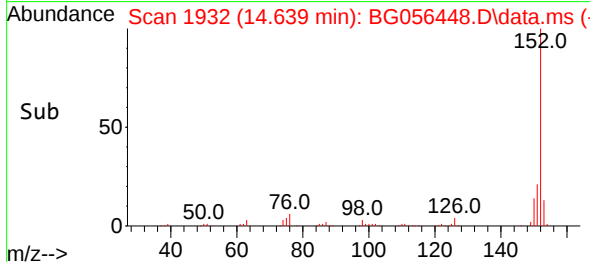
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



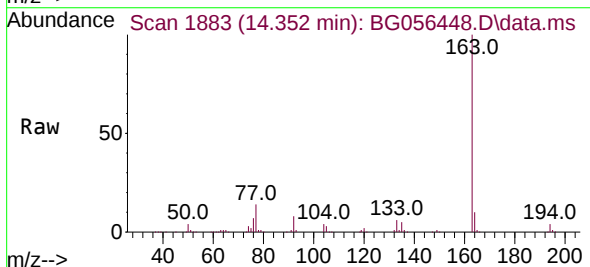
Tgt Ion:152 Resp: 427966
Ion Ratio Lower Upper
152 100
151 20.9 16.0 24.0
153 13.5 11.0 16.6

Manual Integrations
APPROVED

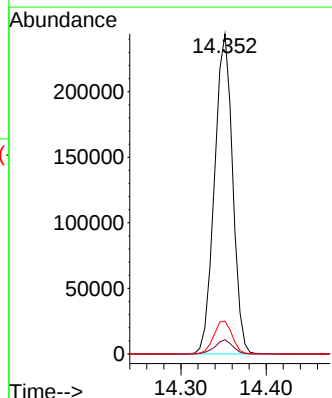
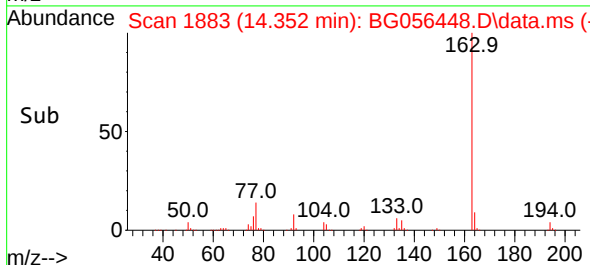
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

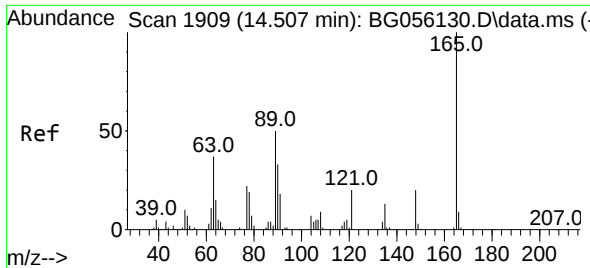


#50
Dimethylphthalate
Concen: 43.482 ng
RT: 14.352 min Scan# 1883
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32



Tgt Ion:163 Resp: 359217
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.2 8.7 13.1





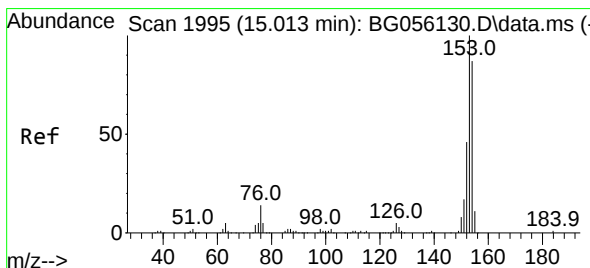
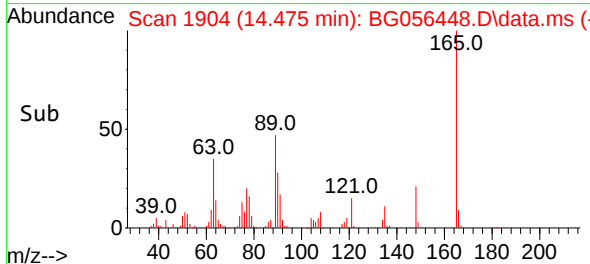
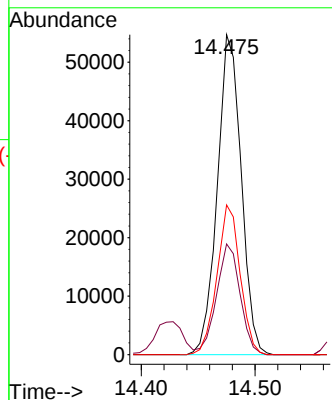
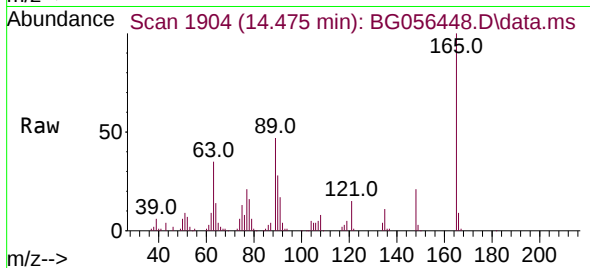
#51
2,6-Dinitrotoluene
Concen: 45.293 ng
RT: 14.475 min Scan# 1909
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD

Tgt Ion:165 Resp: 79736
Ion Ratio Lower Upper
165 100
63 34.6 32.2 48.2
89 46.8 39.8 59.8

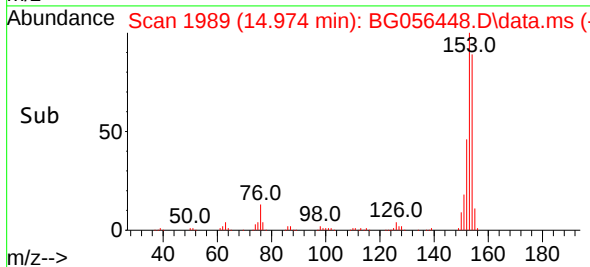
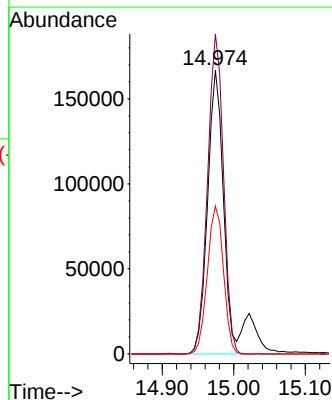
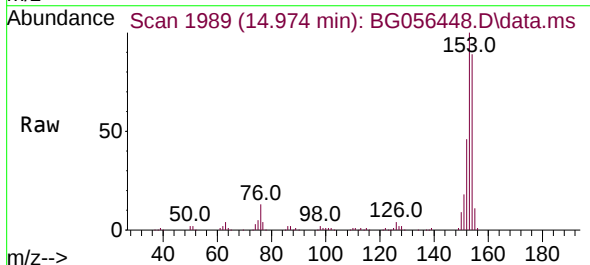
Manual Integrations
APPROVED

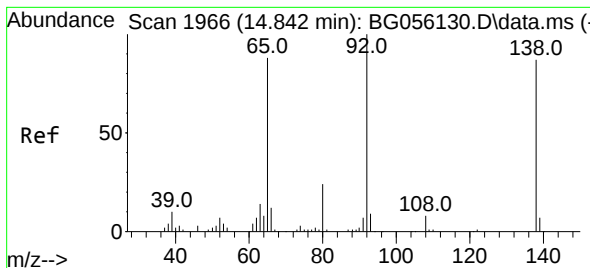
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#52
Acenaphthene
Concen: 47.335 ng m
RT: 14.974 min Scan# 1989
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

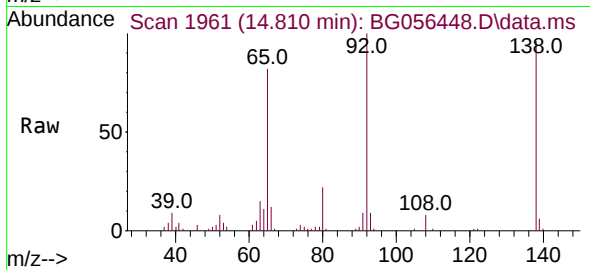
Tgt Ion:154 Resp: 289820
Ion Ratio Lower Upper
154 100
153 112.8 92.0 138.0
152 52.1 42.5 63.7





#53
3-Nitroaniline
Concen: 26.191 ng
RT: 14.810 min Scan# 1966
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

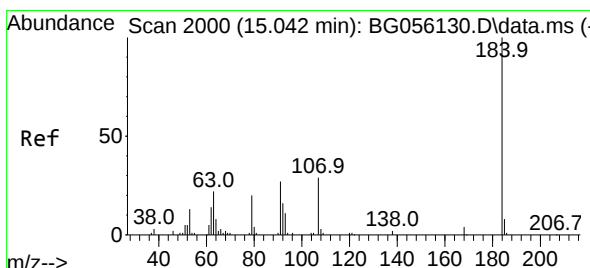
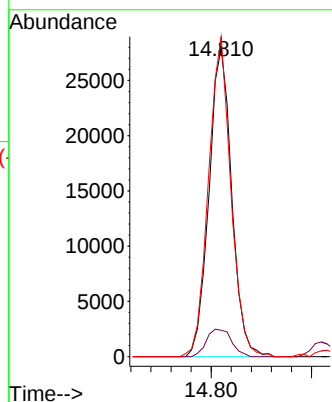
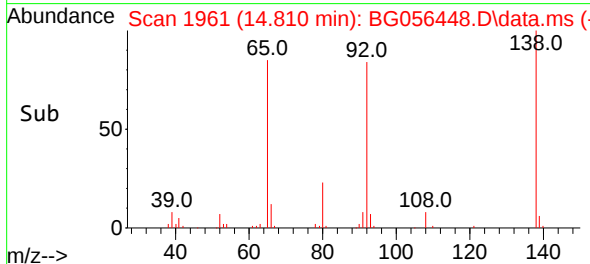
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



Tgt Ion:138 Resp: 43878
Ion Ratio Lower Upper
138 100
108 8.5 7.6 11.4
92 103.7 91.7 137.5

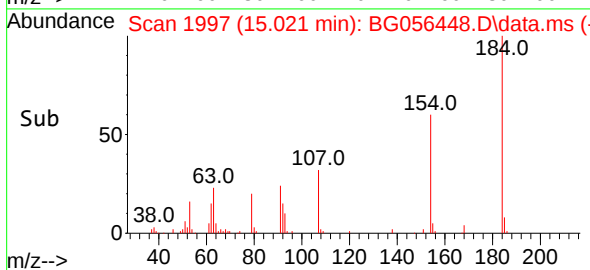
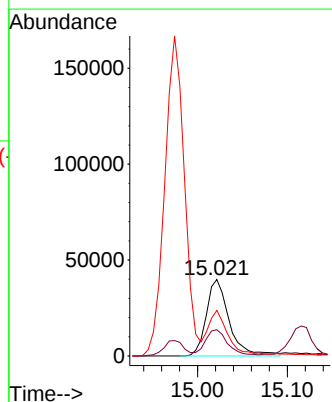
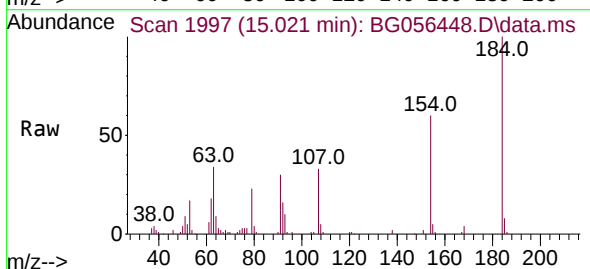
Manual Integrations
APPROVED

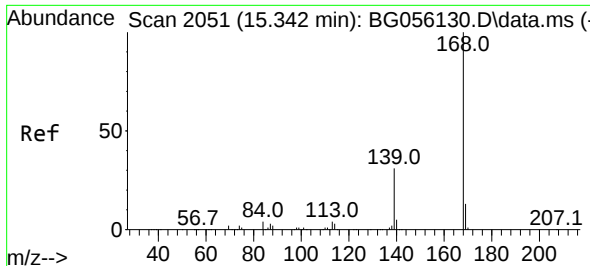
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#54
2,4-Dinitrophenol
Concen: 56.255 ng
RT: 15.021 min Scan# 1997
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

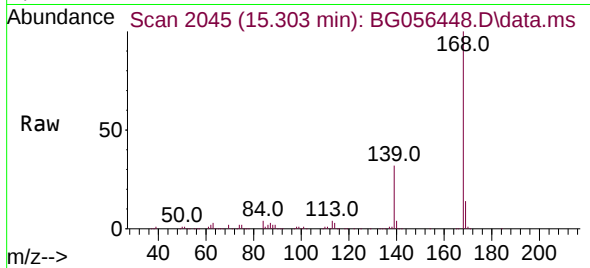
Tgt Ion:184 Resp: 70744
Ion Ratio Lower Upper
184 100
63 34.4 24.0 36.0
154 59.6 45.4 68.0





#55
Dibenzenofuran
Concen: 44.301 ng
RT: 15.303 min Scan# 2051
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

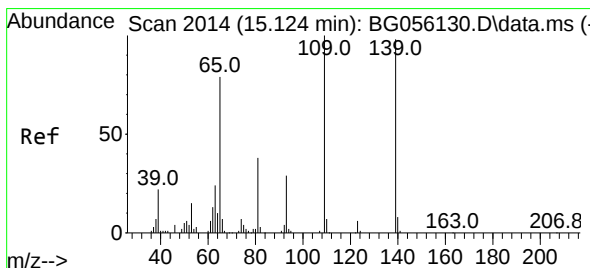
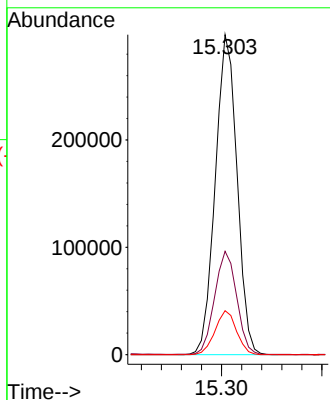
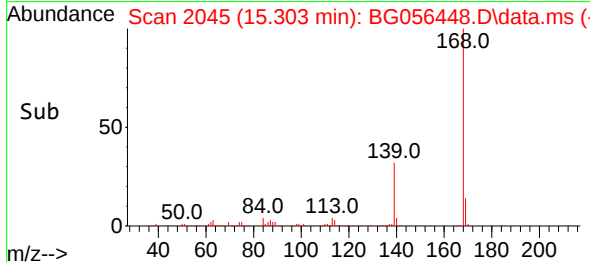
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



Tgt Ion:168 Resp: 448862
Ion Ratio Lower Upper
168 100
139 32.3 24.7 37.1
169 13.7 10.3 15.5

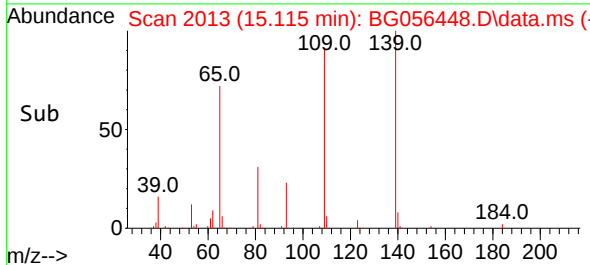
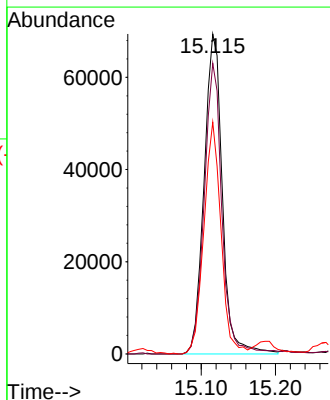
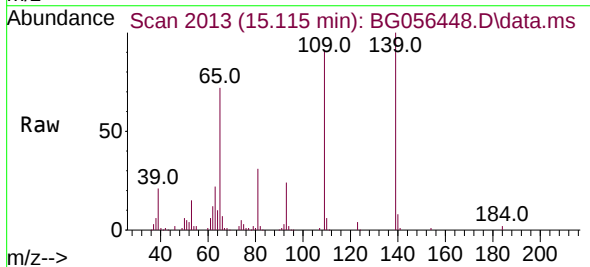
Manual Integrations
APPROVED

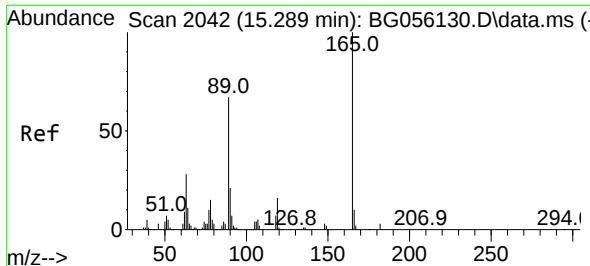
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#56
4-Nitrophenol
Concen: 91.929 ng
RT: 15.115 min Scan# 2013
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

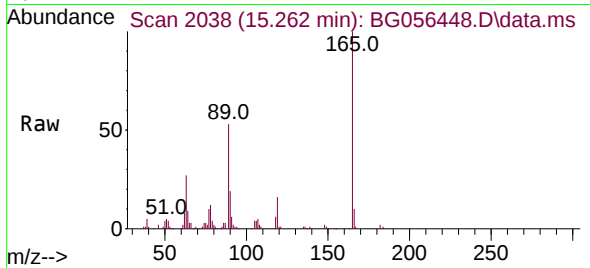
Tgt Ion:139 Resp: 118448
Ion Ratio Lower Upper
139 100
109 90.8 82.2 122.2
65 72.4 60.6 100.6





#57
2,4-Dinitrotoluene
Concen: 46.690 ng
RT: 15.262 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

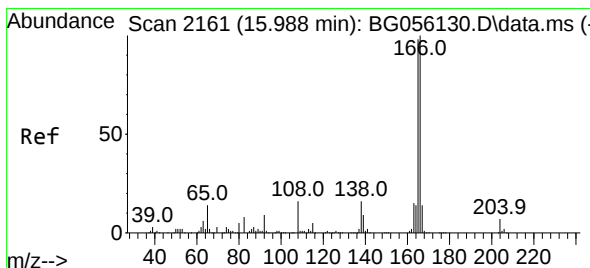
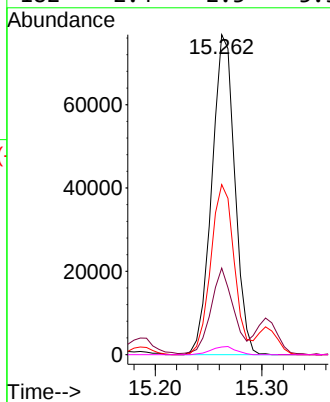
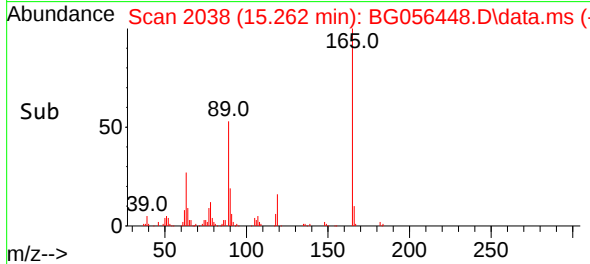
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



Tgt Ion:165 Resp: 114944
Ion Ratio Lower Upper
165 100
63 27.0 22.6 34.0
89 53.1 53.2 79.8
182 2.4 2.3 3.5

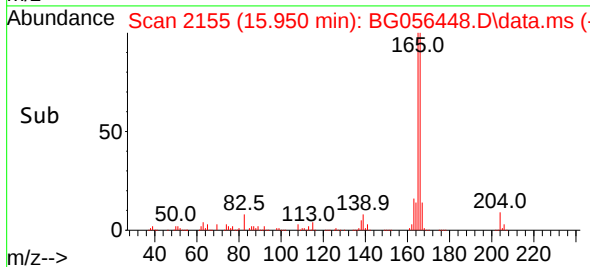
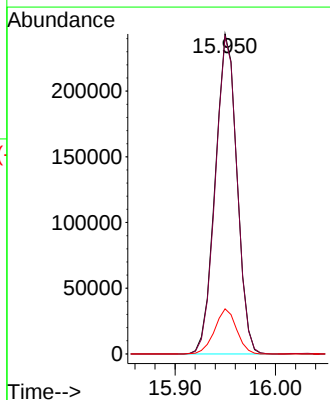
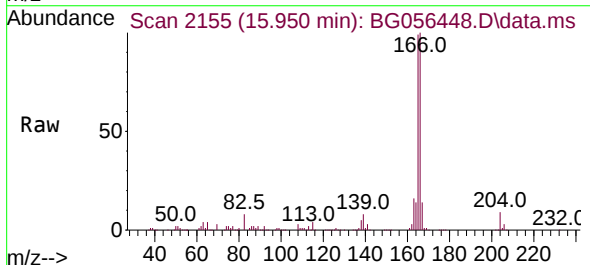
Manual Integrations
APPROVED

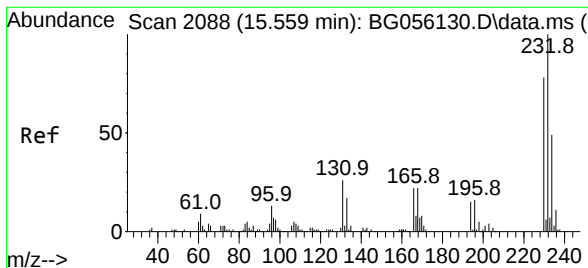
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#58
Fluorene
Concen: 44.916 ng
RT: 15.950 min Scan# 2155
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

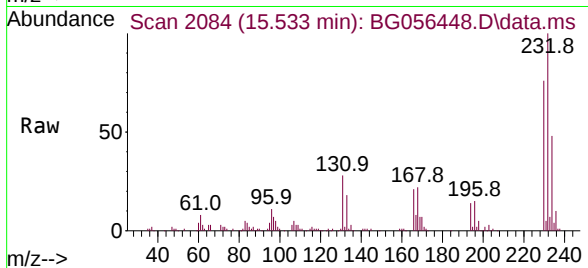
Tgt Ion:166 Resp: 366032
Ion Ratio Lower Upper
166 100
165 99.2 78.6 118.0
167 14.1 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.860 ng
RT: 15.533 min Scan# 2084
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

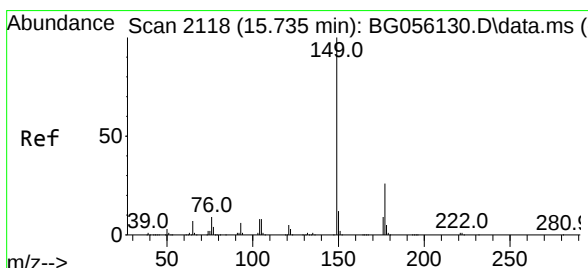
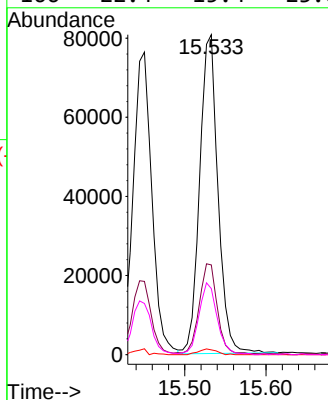
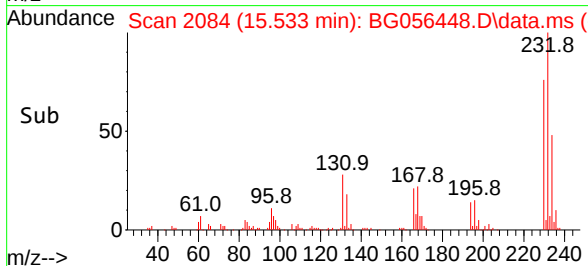
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



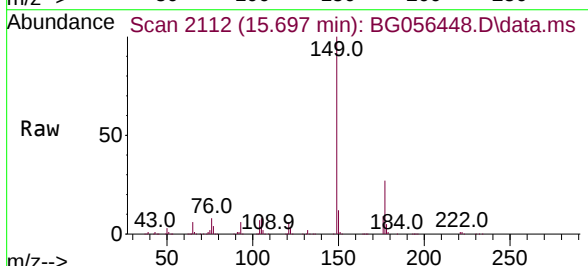
Tgt Ion:232 Resp: 126372
Ion Ratio Lower Upper
232 100
131 27.9 21.4 32.2
130 1.7 1.4 2.0
166 22.4 15.4 23.0

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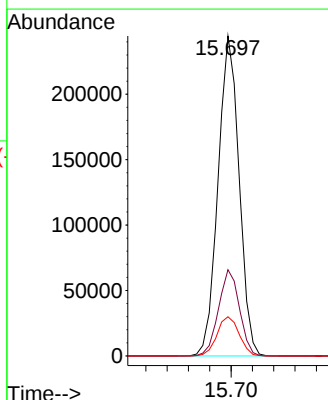
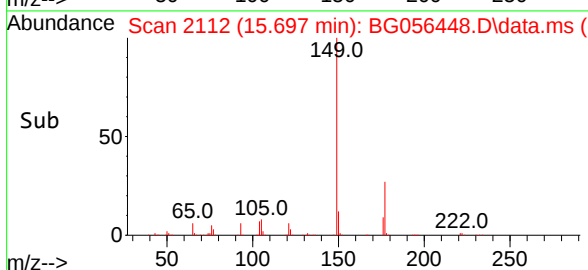
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

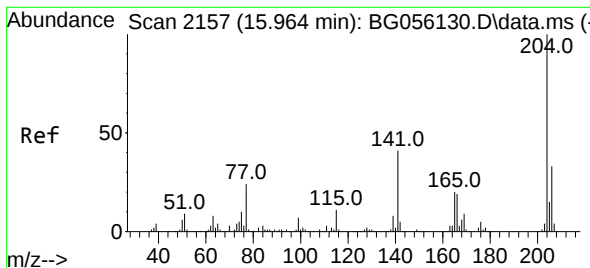


#60
Diethylphthalate
Concen: 43.351 ng
RT: 15.697 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32



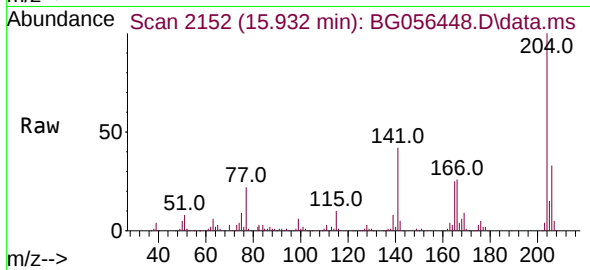
Tgt Ion:149 Resp: 335863
Ion Ratio Lower Upper
149 100
177 26.9 20.6 31.0
150 12.2 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 42.999 ng
RT: 15.932 min Scan# 2157
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

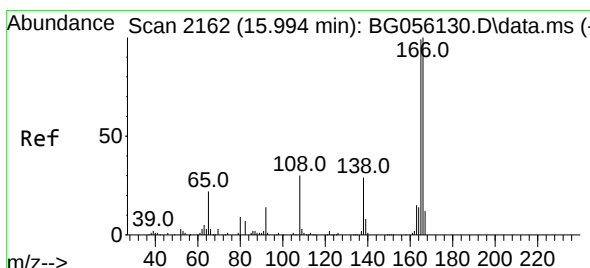
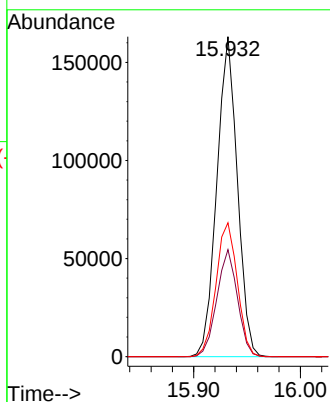
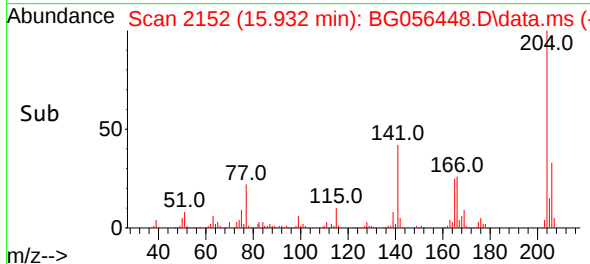
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



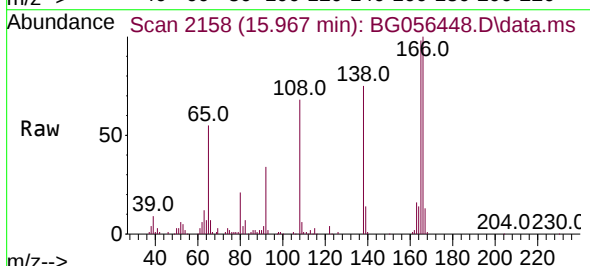
Tgt Ion:204 Resp: 218681
Ion Ratio Lower Upper
204 100
206 33.4 26.4 39.6
141 41.8 33.0 49.4

Manual Integrations
APPROVED

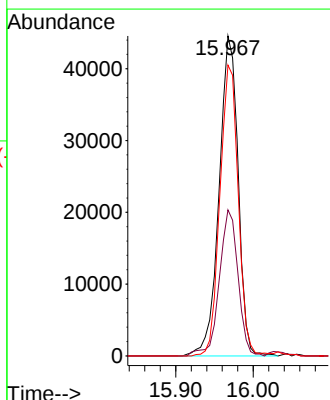
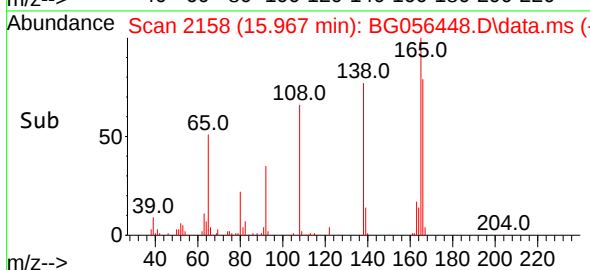
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

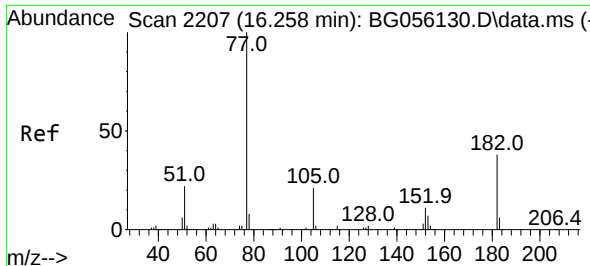


#62
4-Nitroaniline
Concen: 44.283 ng
RT: 15.967 min Scan# 2158
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32



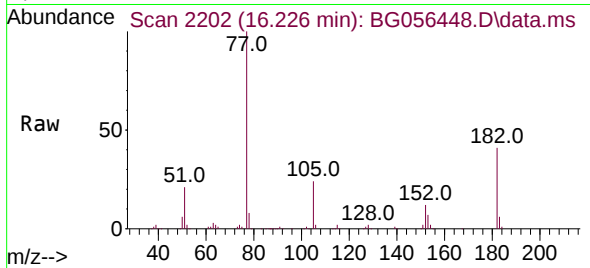
Tgt Ion:138 Resp: 75994
Ion Ratio Lower Upper
138 100
92 45.6 28.6 68.6
108 90.9 83.4 123.4





#63
Azobenzene
Concen: 41.420 ng
RT: 16.226 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

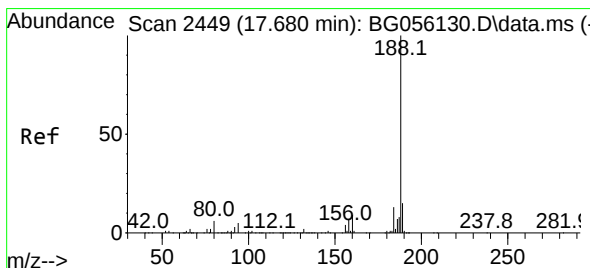
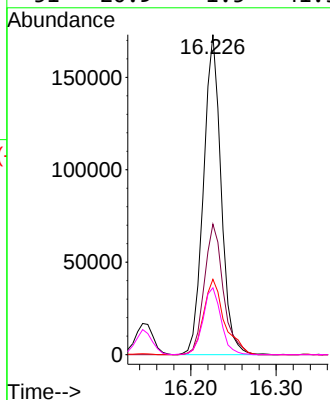
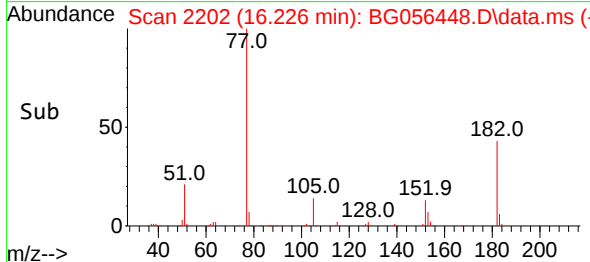
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



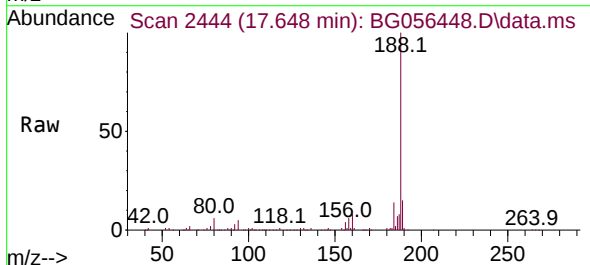
Tgt Ion: 77 Resp: 247632
Ion Ratio Lower Upper
77 100
182 40.8 18.5 58.5
105 23.5 1.4 41.4
51 20.9 1.5 41.5

Manual Integrations
APPROVED

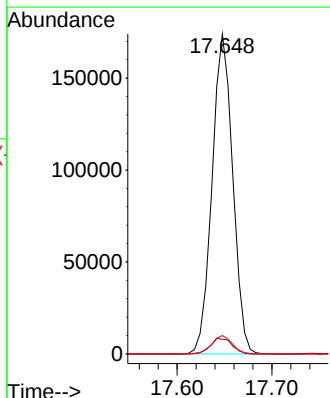
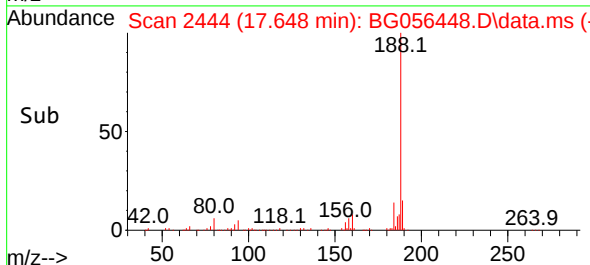
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

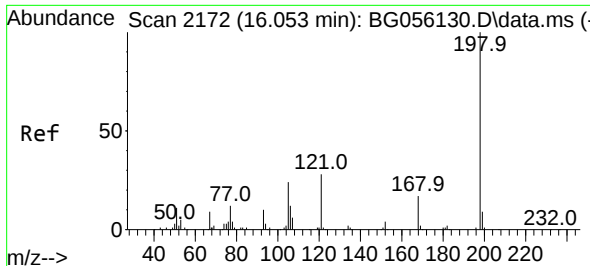


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.648 min Scan# 2444
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32



Tgt Ion:188 Resp: 262897
Ion Ratio Lower Upper
188 100
94 4.6 4.2 6.2
80 5.7 5.0 7.4





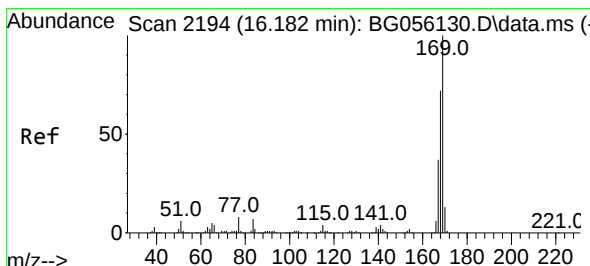
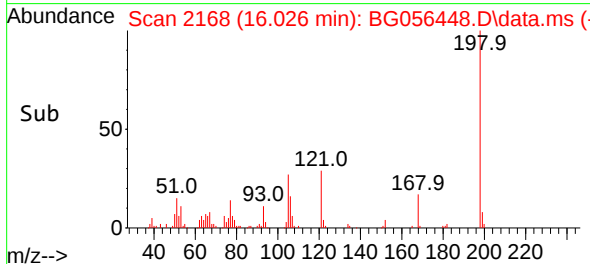
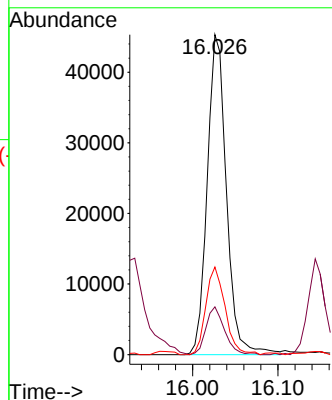
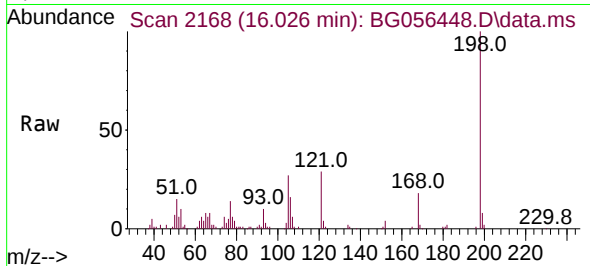
#65
4,6-Dinitro-2-methylphenol
Concen: 40.036 ng
RT: 16.026 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD

Tgt Ion:198 Resp: 70913
Ion Ratio Lower Upper
198 100
51 14.9 0.0 33.2
105 27.4 4.9 44.9

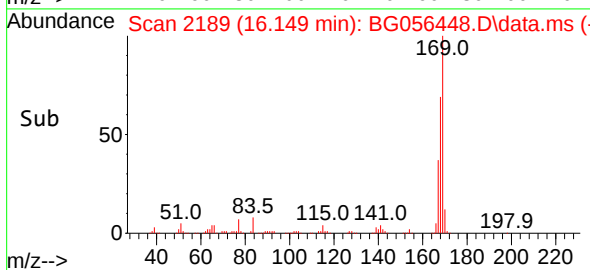
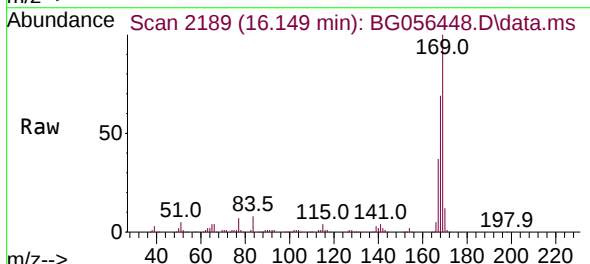
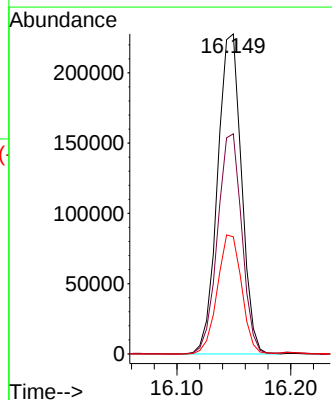
Manual Integrations
APPROVED

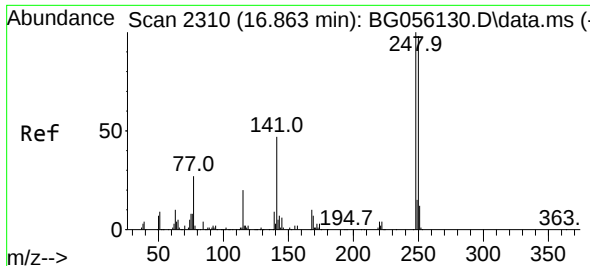
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#66
n-Nitrosodiphenylamine
Concen: 45.533 ng
RT: 16.149 min Scan# 2189
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

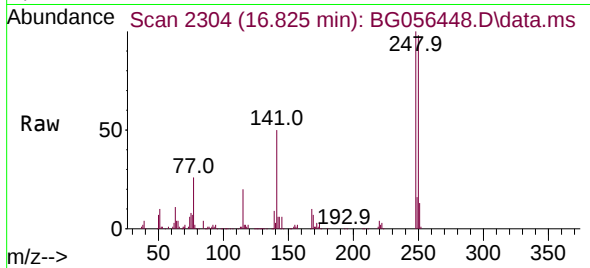
Tgt Ion:169 Resp: 332127
Ion Ratio Lower Upper
169 100
168 68.8 58.0 87.0
167 36.6 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 44.861 ng
RT: 16.825 min Scan# 2310
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

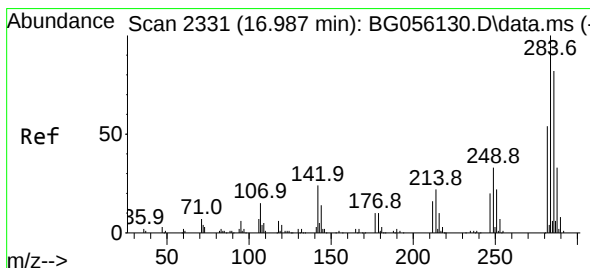
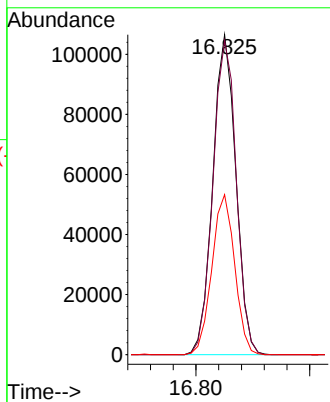
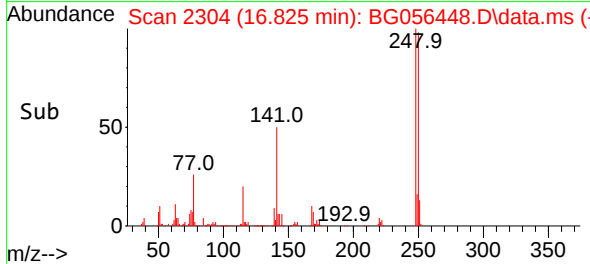
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



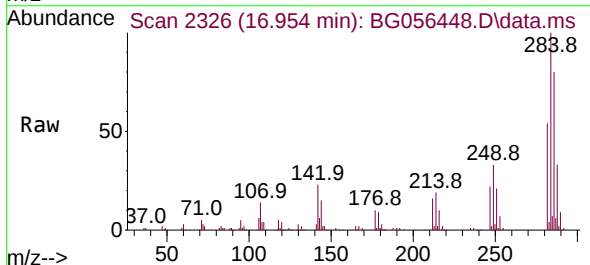
Tgt Ion:248 Resp: 150181
Ion Ratio Lower Upper
248 100
250 98.2 78.2 117.4
141 50.0 37.6 56.4

Manual Integrations
APPROVED

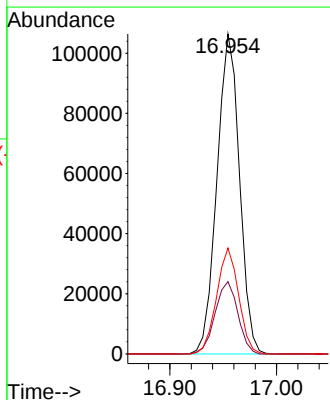
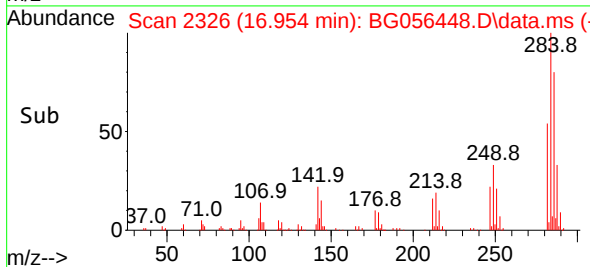
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

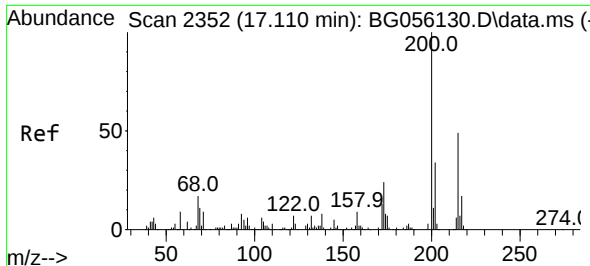


#68
Hexachlorobenzene
Concen: 50.070 ng
RT: 16.954 min Scan# 2326
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32



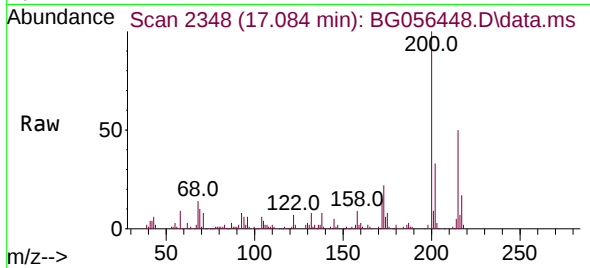
Tgt Ion:284 Resp: 156385
Ion Ratio Lower Upper
284 100
142 22.6 19.0 28.6
249 33.1 26.6 39.8





#69
 Atrazine
 Concen: 47.779 ng
 RT: 17.084 min Scan# 2348
 Delta R.T. 0.001 min
 Lab File: BG056448.D
 Acq: 26 Jan 2023 18:32

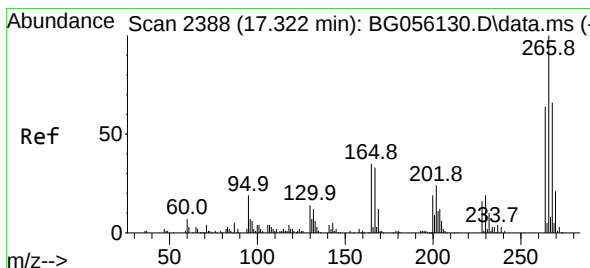
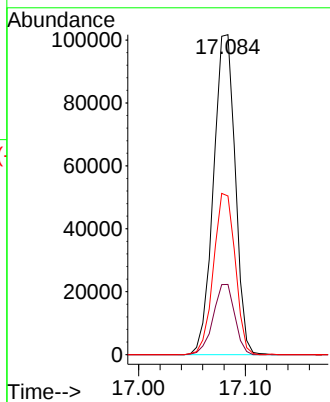
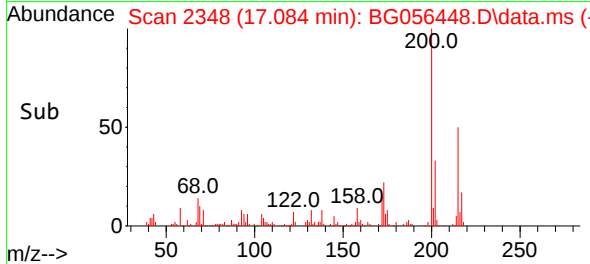
Instrument :
 BNA_G
 ClientSampleId :
 TJRC-011823-B3-30-40MSD



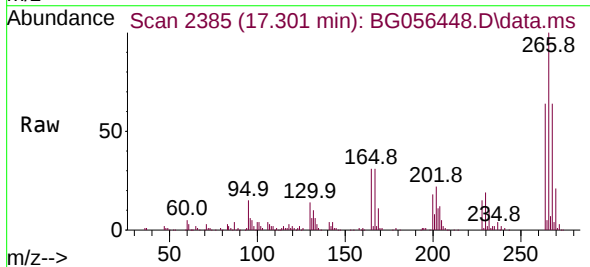
Tgt Ion:200 Resp: 144435
 Ion Ratio Lower Upper
 200 100
 173 21.9 4.0 44.0
 215 49.6 29.1 69.1

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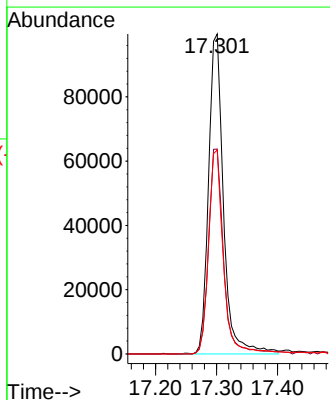
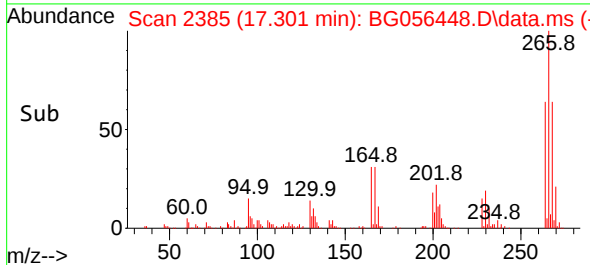
Reviewed By :Christian Giraldo 01/27/2023
 Supervised By :Jagrut Upadhyay 01/27/2023

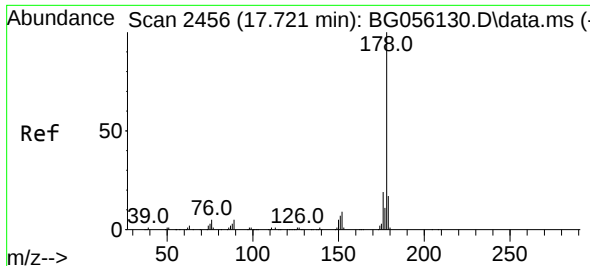


#70
 Pentachlorophenol
 Concen: 70.495 ng
 RT: 17.301 min Scan# 2385
 Delta R.T. 0.001 min
 Lab File: BG056448.D
 Acq: 26 Jan 2023 18:32



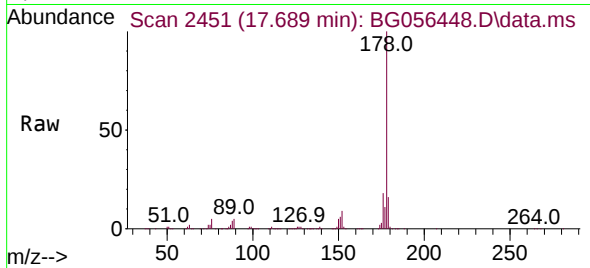
Tgt Ion:266 Resp: 169137
 Ion Ratio Lower Upper
 266 100
 268 64.0 53.0 79.4
 264 63.8 51.4 77.2





#71
Phenanthrene
Concen: 45.388 ng
RT: 17.689 min Scan# 2456
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

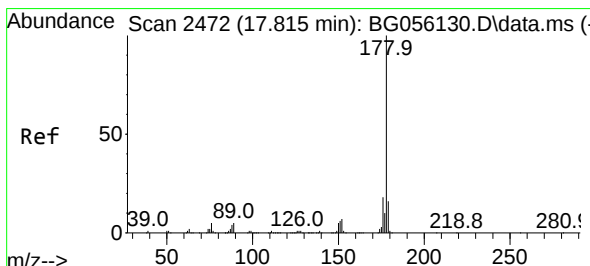
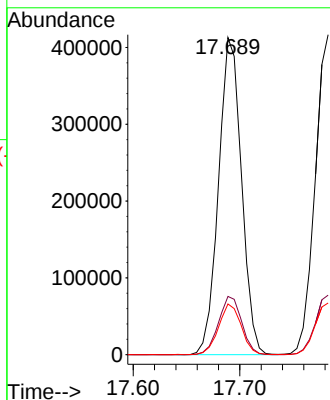
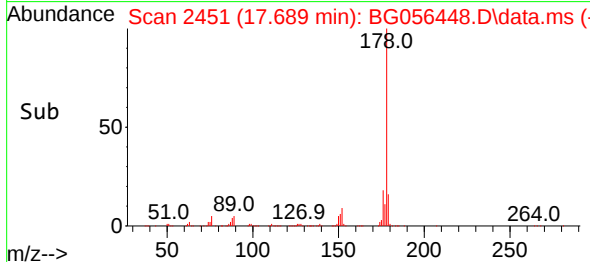
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



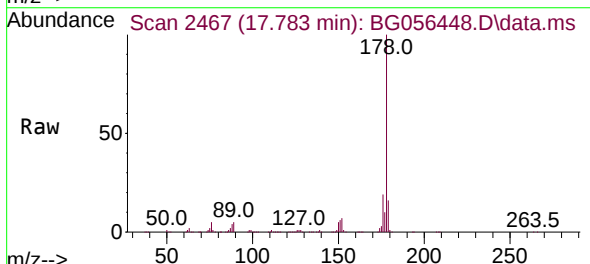
Tgt Ion:178 Resp: 618376
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.0
179 16.0 13.6 20.4

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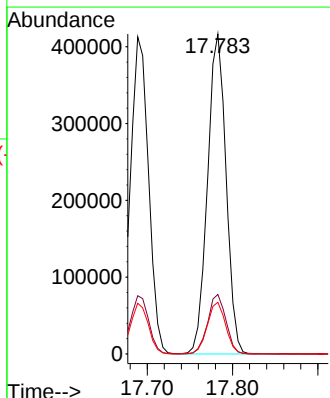
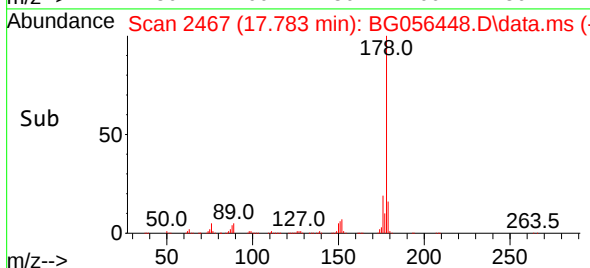
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

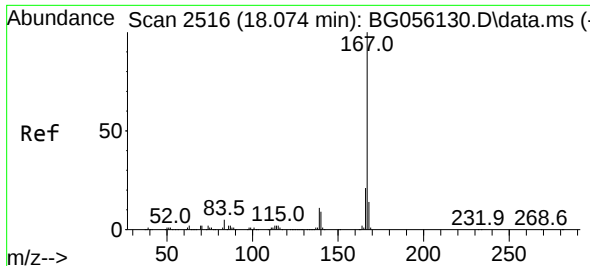


#72
Anthracene
Concen: 44.679 ng
RT: 17.783 min Scan# 2467
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32



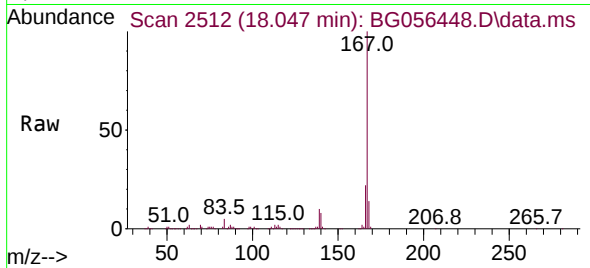
Tgt Ion:178 Resp: 627929
Ion Ratio Lower Upper
178 100
176 18.6 14.6 22.0
179 16.1 12.7 19.1





#73
 Carbazole
 Concen: 46.464 ng
 RT: 18.047 min Scan# 2516
 Delta R.T. -0.005 min
 Lab File: BG056448.D
 Acq: 26 Jan 2023 18:32

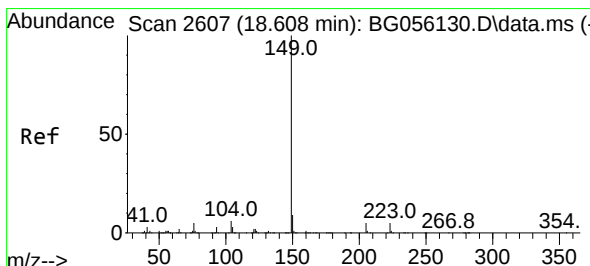
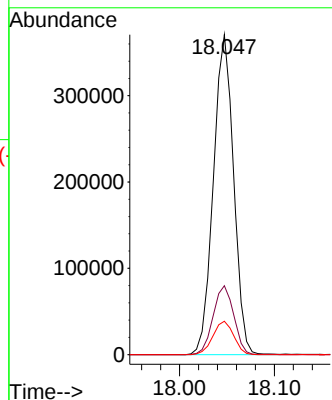
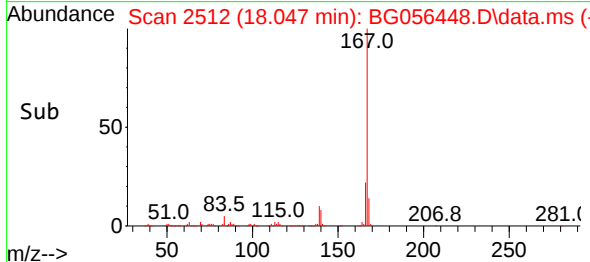
Instrument :
 BNA_G
 ClientSampleId :
 TJRC-011823-B3-30-40MSD



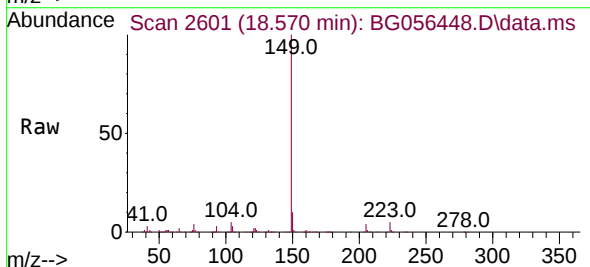
Tgt Ion:167 Resp: 548904
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.8 25.2
 139 10.4 8.9 13.3

Manual Integrations
 APPROVED

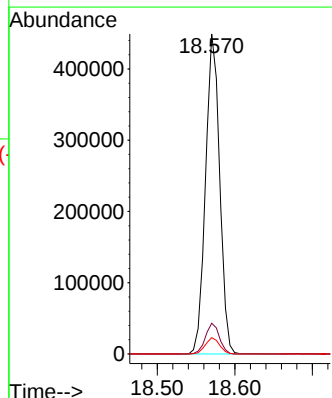
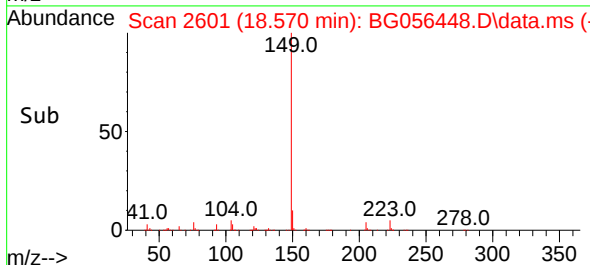
Reviewed By :Christian Giraldo 01/27/2023
 Supervised By :Jagrut Upadhyay 01/27/2023

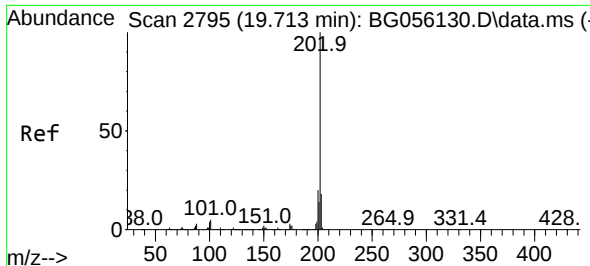


#74
 Di-n-butylphthalate
 Concen: 48.196 ng
 RT: 18.570 min Scan# 2601
 Delta R.T. -0.005 min
 Lab File: BG056448.D
 Acq: 26 Jan 2023 18:32



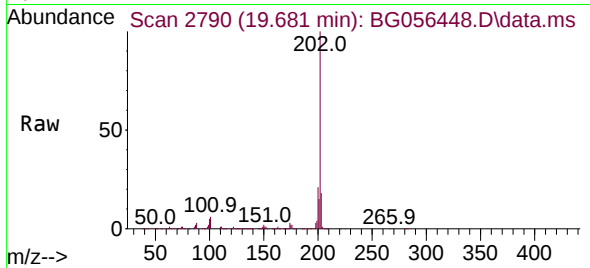
Tgt Ion:149 Resp: 567569
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 5.1 4.4 6.6





#75
Fluoranthene
Concen: 43.490 ng
RT: 19.681 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

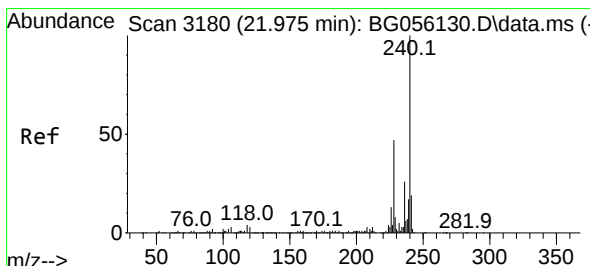
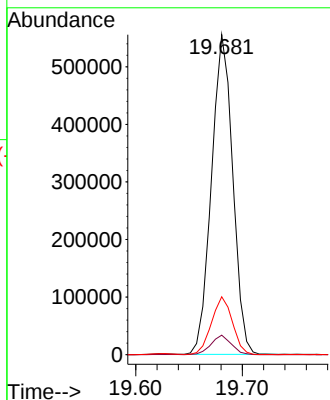
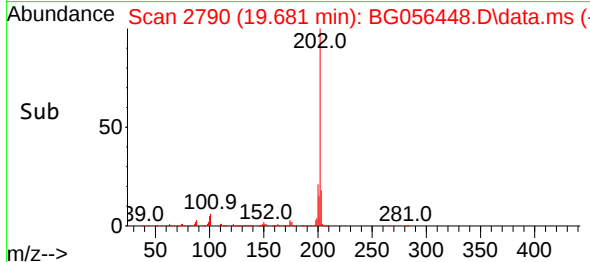
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



Tgt Ion:202 Resp: 772893
Ion Ratio Lower Upper
202 100
101 6.1 0.0 25.0
203 18.1 0.0 38.0

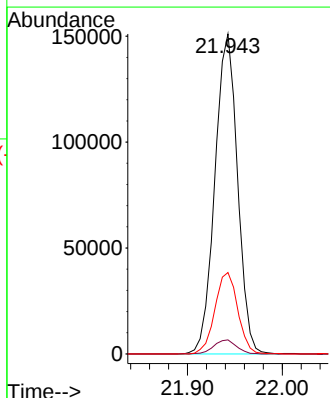
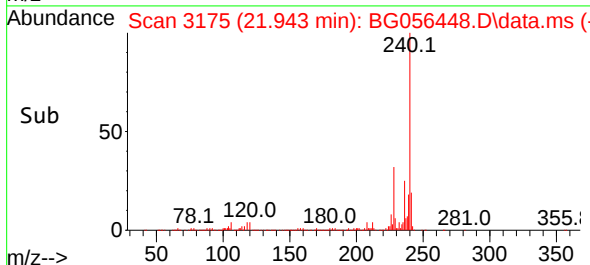
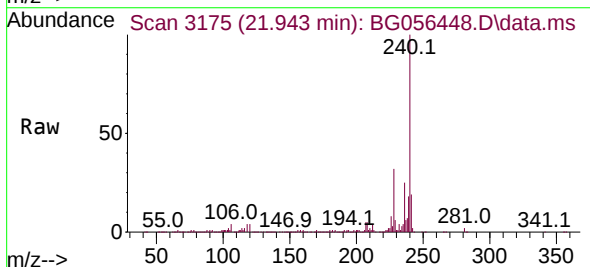
Manual Integrations
APPROVED

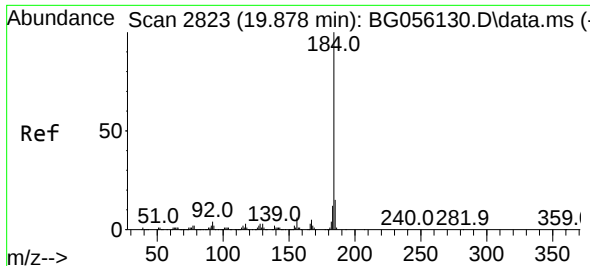
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.943 min Scan# 3175
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

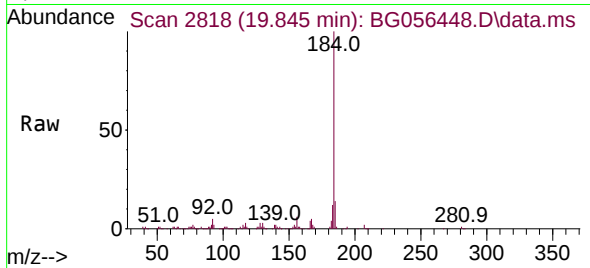
Tgt Ion:240 Resp: 250243
Ion Ratio Lower Upper
240 100
120 4.4 2.6 4.0#
236 25.4 20.8 31.2





#77
Benzidine
Concen: 18.049 ng
RT: 19.845 min Scan# 2818
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

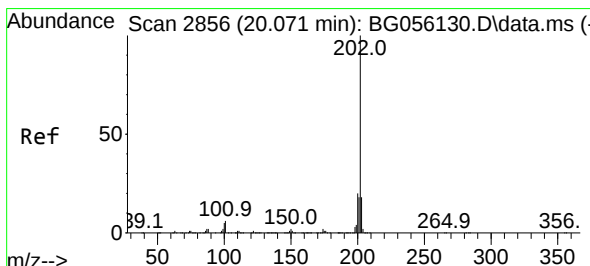
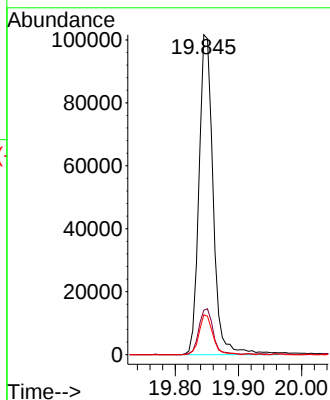
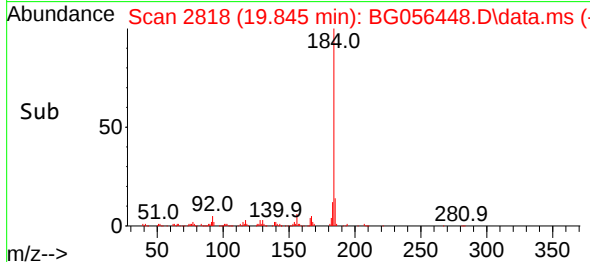
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



Tgt Ion:184 Resp: 158285
Ion Ratio Lower Upper
184 100
185 13.9 12.2 18.2
183 12.4 9.4 14.0

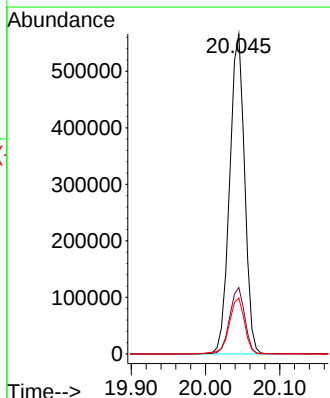
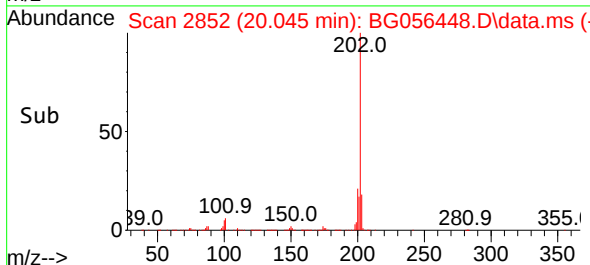
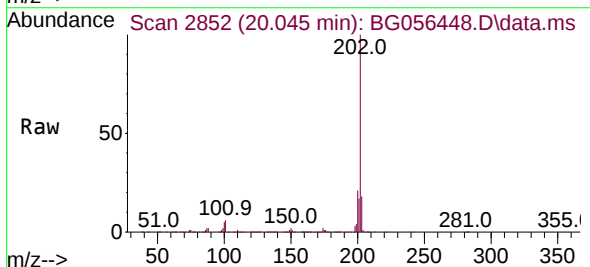
Manual Integrations
APPROVED

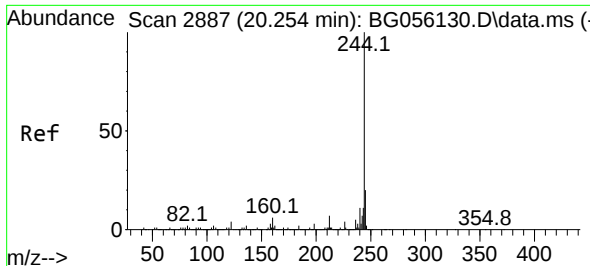
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#78
Pyrene
Concen: 44.860 ng
RT: 20.045 min Scan# 2852
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

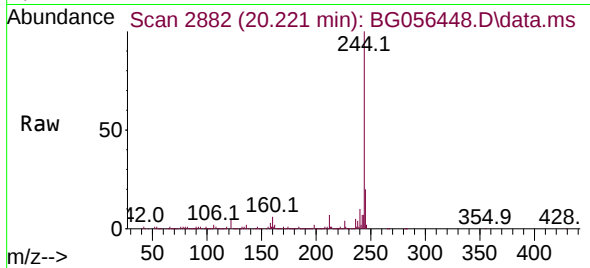
Tgt Ion:202 Resp: 791248
Ion Ratio Lower Upper
202 100
200 20.7 16.4 24.6
203 17.5 14.3 21.5





#79
Terphenyl-d14
Concen: 70.702 ng
RT: 20.221 min Scan# 2887
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

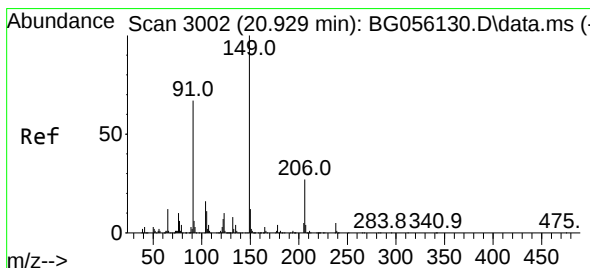
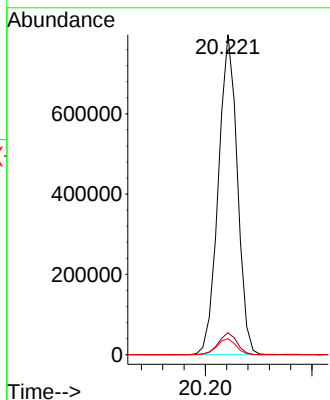
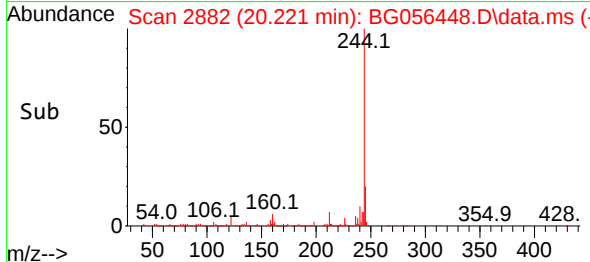
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



Tgt Ion:244 Resp: 987836
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 5.0 3.5 5.3

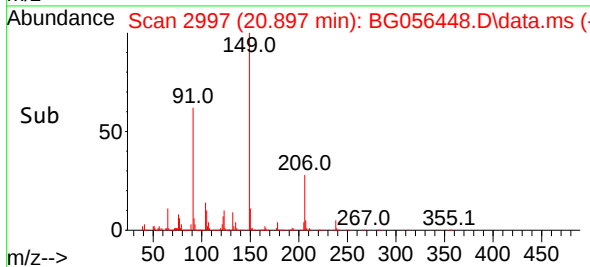
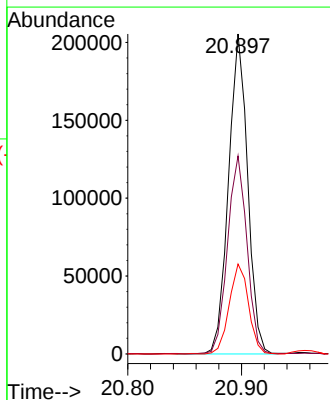
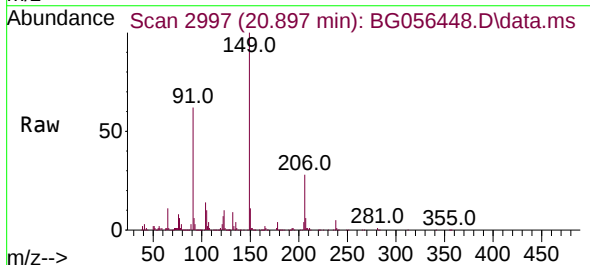
Manual Integrations
APPROVED

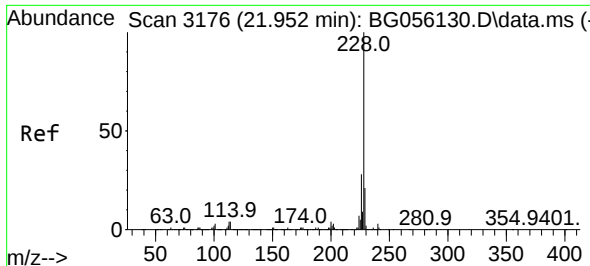
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#80
Butylbenzylphthalate
Concen: 47.424 ng
RT: 20.897 min Scan# 2997
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

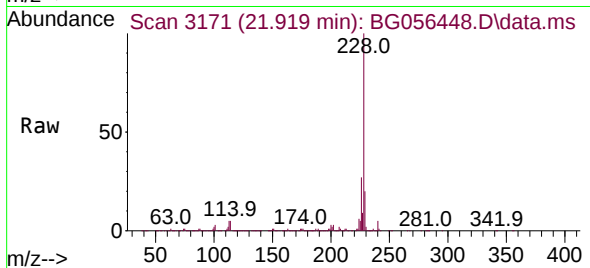
Tgt Ion:149 Resp: 239977
Ion Ratio Lower Upper
149 100
91 61.9 53.5 80.3
206 28.1 21.9 32.9





#81
Benzo(a)anthracene
Concen: 45.264 ng
RT: 21.919 min Scan# 3176
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

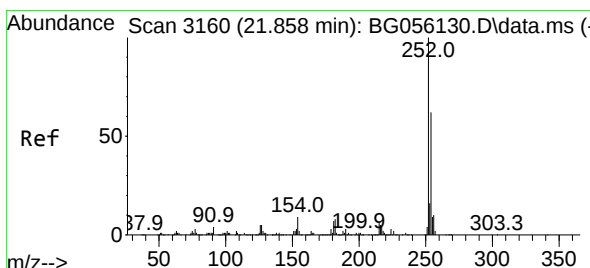
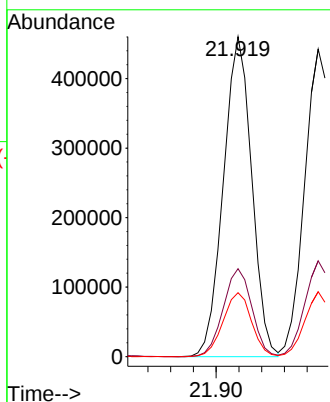
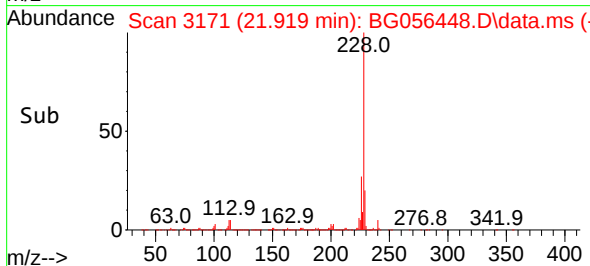
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



Tgt Ion:228 Resp: 795571
Ion Ratio Lower Upper
228 100
226 27.5 22.6 34.0
229 20.0 16.9 25.3

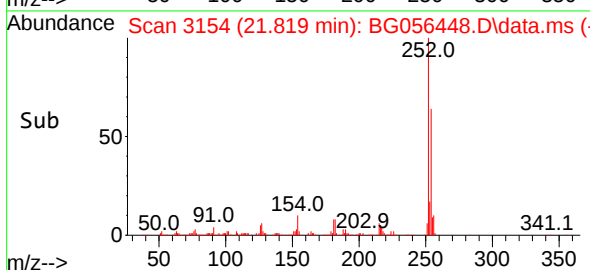
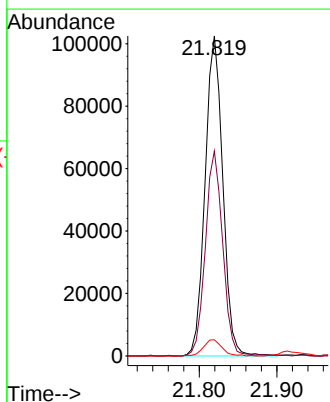
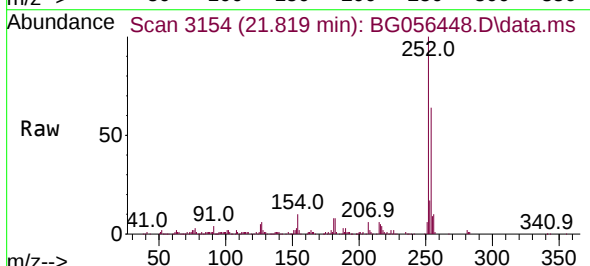
Manual Integrations
APPROVED

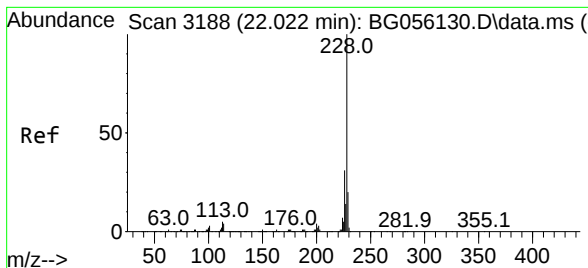
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#82
3,3'-Dichlorobenzidine
Concen: 25.658 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

Tgt Ion:252 Resp: 162343
Ion Ratio Lower Upper
252 100
254 64.0 49.5 74.3
126 5.0 4.0 6.0





#83

Chrysene

Concen: 45.010 ng

RT: 21.990 min Scan# 3183

Delta R.T. -0.005 min

Lab File: BG056448.D

Acq: 26 Jan 2023 18:32

Instrument :

BNA_G

ClientSampleId :

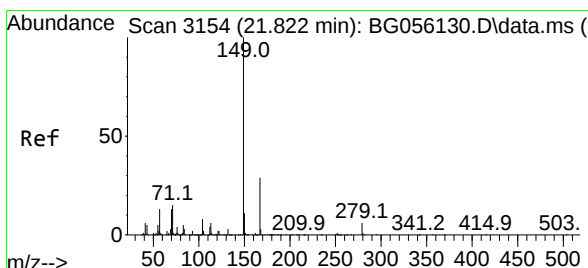
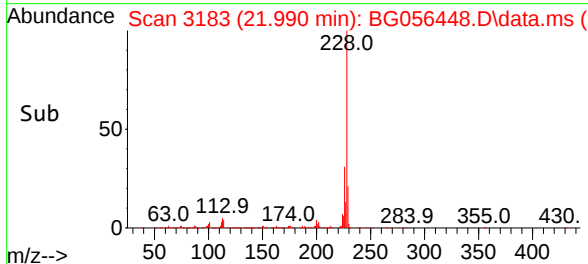
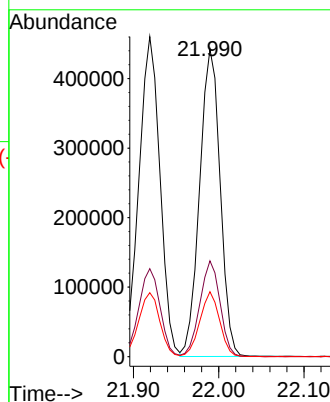
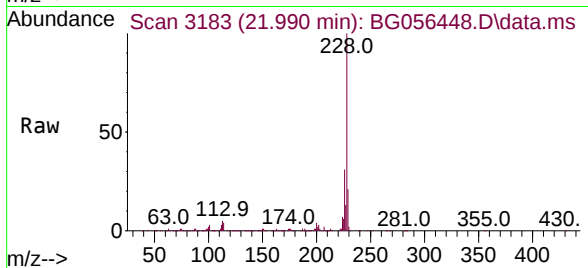
TJRC-011823-B3-30-40MSD

Tgt Ion:228 Resp: 741030
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.6 36.8
 229 21.1 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: 48.148 ng

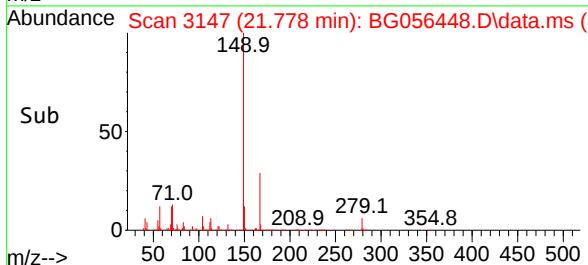
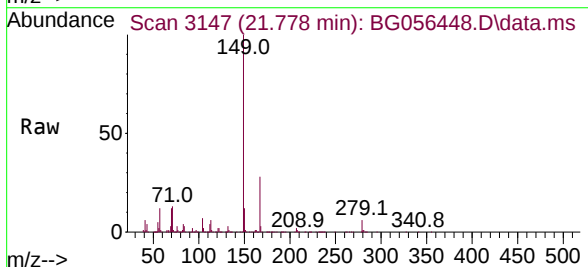
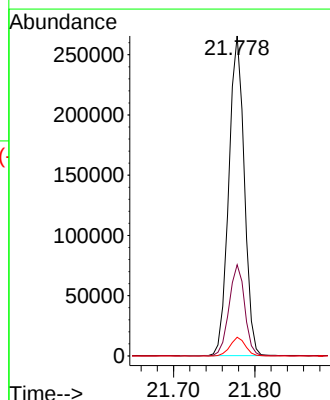
RT: 21.778 min Scan# 3147

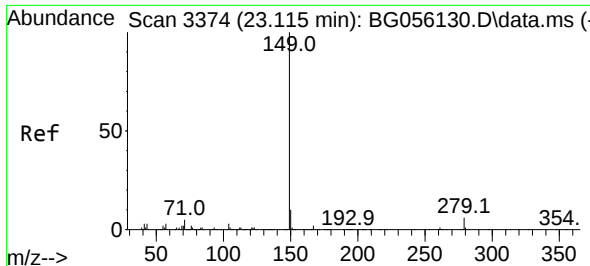
Delta R.T. 0.001 min

Lab File: BG056448.D

Acq: 26 Jan 2023 18:32

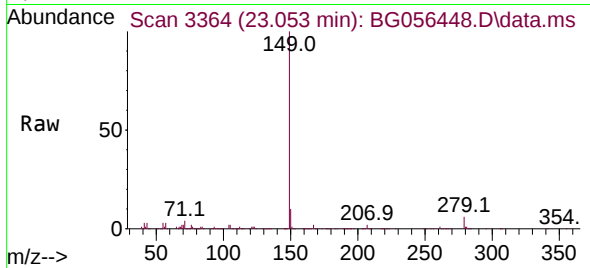
Tgt Ion:149 Resp: 351014
 Ion Ratio Lower Upper
 149 100
 167 28.5 23.4 35.2
 279 5.8 4.7 7.1





#85
Di-n-octyl phthalate
Concen: 46.944 ng
RT: 23.053 min Scan# 3374
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

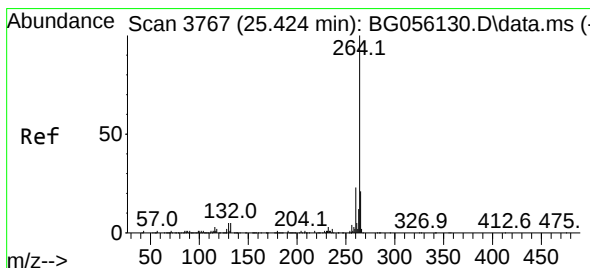
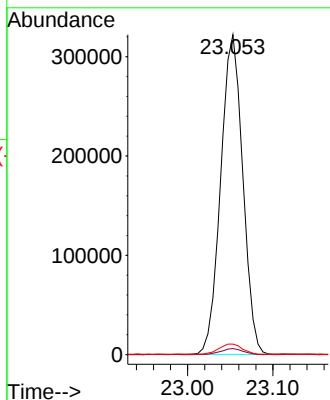
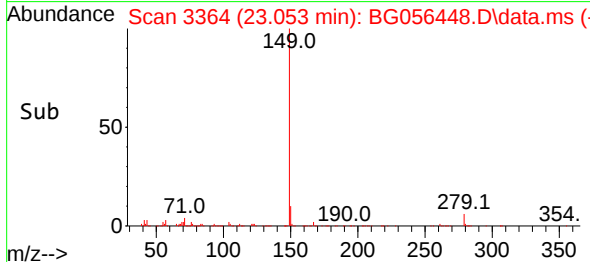
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



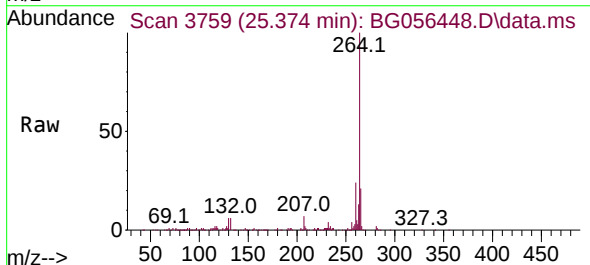
Tgt Ion:149 Resp: 577763
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.2
43 3.3 2.9 4.3

Manual Integrations
APPROVED

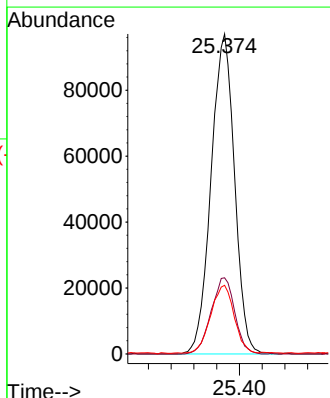
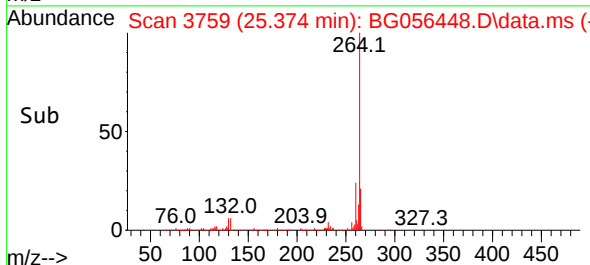
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

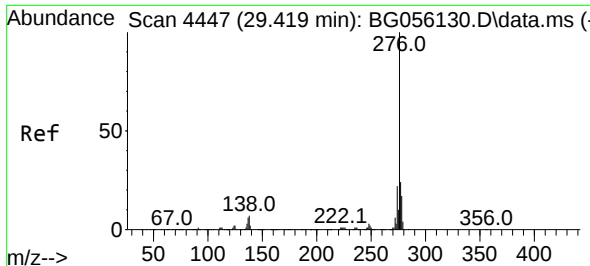


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.374 min Scan# 3759
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32



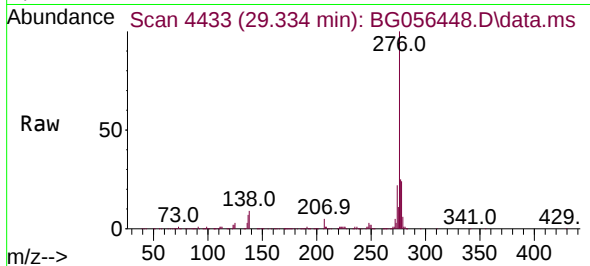
Tgt Ion:264 Resp: 277584
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 21.4 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.110 ng
RT: 29.334 min Scan# 4447
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

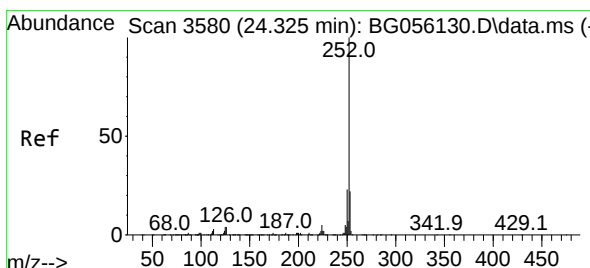
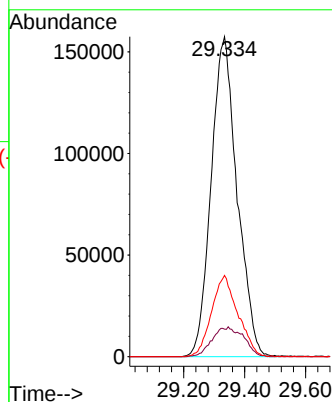
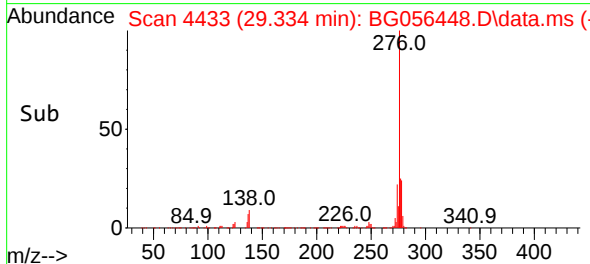
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



Tgt Ion:276 Resp: 930863
Ion Ratio Lower Upper
276 100
138 5.3 5.0 7.4
277 25.7 20.5 30.7

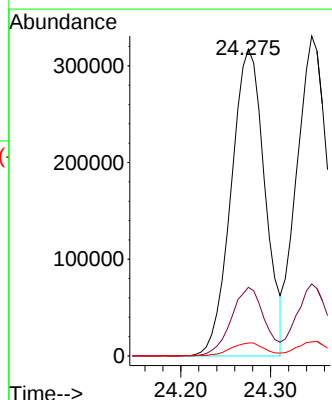
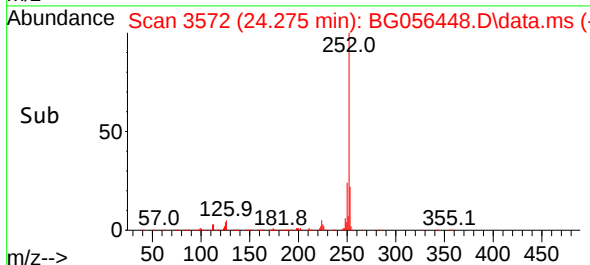
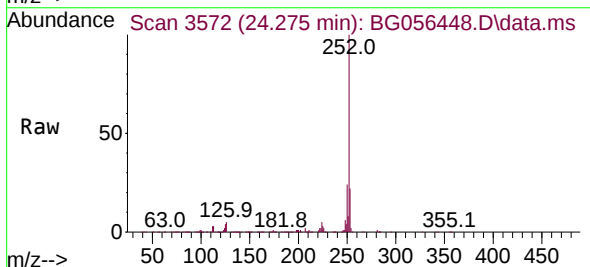
Manual Integrations
APPROVED

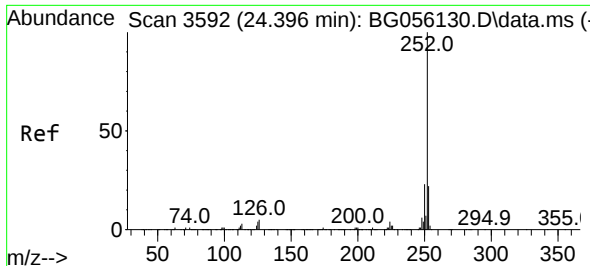
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#88
Benzo(b)fluoranthene
Concen: 47.055 ng
RT: 24.275 min Scan# 3572
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

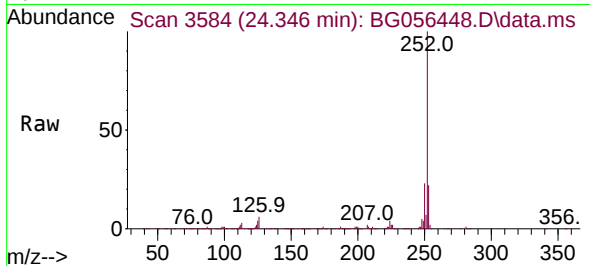
Tgt Ion:252 Resp: 829898
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 4.2 3.0 4.4





#89
Benzo(k)fluoranthene
Concen: 45.444 ng
RT: 24.346 min Scan# 3592
Delta R.T. -0.005 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

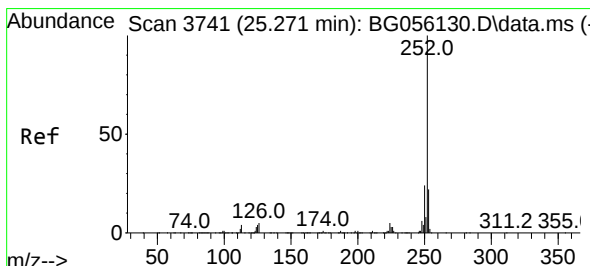
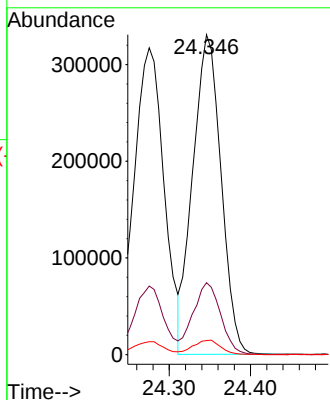
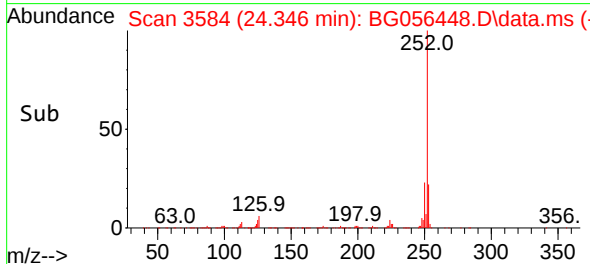
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40MSD



Tgt Ion:252 Resp: 798120
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 4.4 3.4 5.0

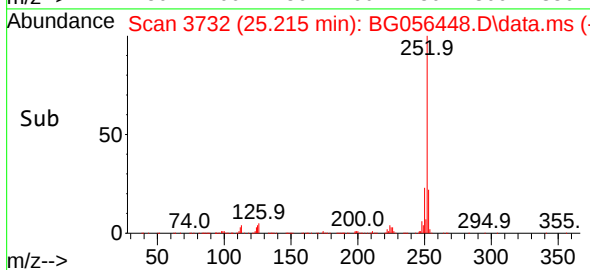
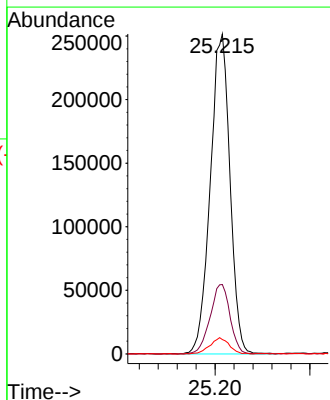
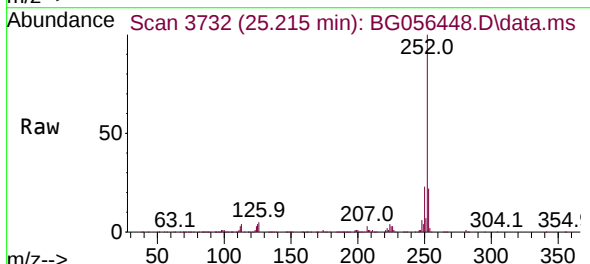
Manual Integrations
APPROVED

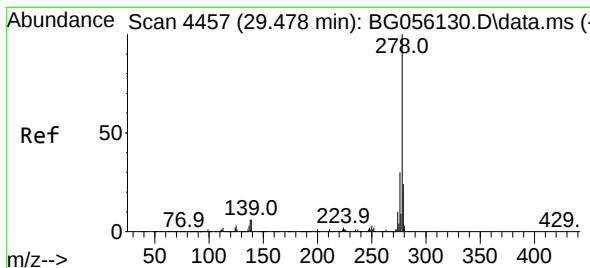
Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023



#90
Benzo(a)pyrene
Concen: 42.138 ng
RT: 25.215 min Scan# 3732
Delta R.T. 0.001 min
Lab File: BG056448.D
Acq: 26 Jan 2023 18:32

Tgt Ion:252 Resp: 724859
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 4.5 3.2 4.8





#91

Dibenzo(a,h)anthracene

Concen: 46.773 ng

RT: 29.387 min Scan# 44

Delta R.T. -0.005 min

Lab File: BG056448.D

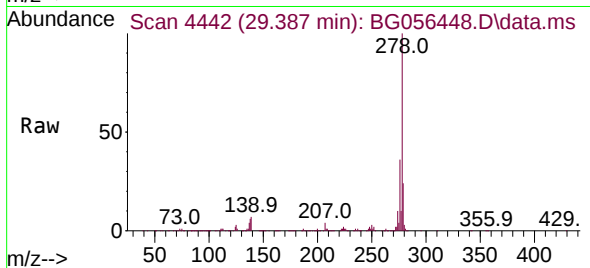
Acq: 26 Jan 2023 18:32

Instrument :

BNA_G

ClientSampleId :

TJRC-011823-B3-30-40MSD



Tgt Ion:278 Resp: 791648

Ion Ratio Lower Upper

278 100

139 6.7 4.8 7.2

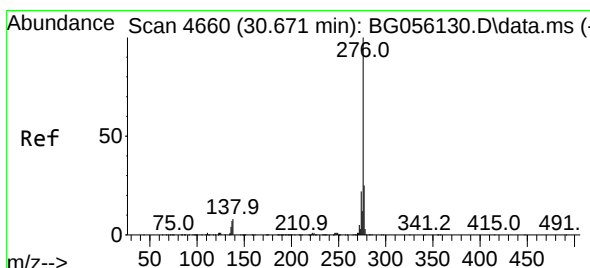
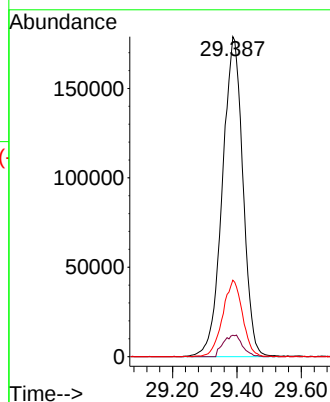
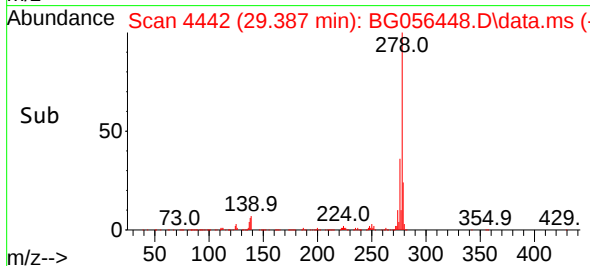
279 23.9 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/27/2023

Supervised By :Jagrut Upadhyay 01/27/2023



#92

Benzo(g,h,i)perylene

Concen: 45.863 ng

RT: 30.574 min Scan# 4644

Delta R.T. 0.001 min

Lab File: BG056448.D

Acq: 26 Jan 2023 18:32

Tgt Ion:276 Resp: 752751

Ion Ratio Lower Upper

276 100

277 23.7 19.7 29.5

138 9.8 6.7 10.1

