

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
 Data File : BG056407.D
 Acq On : 24 Jan 2023 17:48
 Operator : CG/JU
 Sample : 01260-22MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-28MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/25/2023
 Supervised By : Jagrut Upadhyay 01/25/2023

Quant Time: Jan 25 05:32:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.295	152	31246	20.000	ng	0.00
21) Naphthalene-d8	11.127	136	120473	20.000	ng	0.00
39) Acenaphthene-d10	14.911	164	107514	20.000	ng	0.00
64) Phenanthrene-d10	17.643	188	293022	20.000	ng	-0.01
76) Chrysene-d12	21.938	240	273958	20.000	ng	# 0.00
86) Perylene-d12	25.363	264	297289	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.815	112	189026	108.016	ng	0.00
7) Phenol-d6	7.437	99	268938	100.070	ng	0.00
23) Nitrobenzene-d5	9.470	82	135141	57.379	ng	0.00
42) 2,4,6-Tribromophenol	16.391	330	155509	114.207	ng	0.00
45) 2-Fluorobiphenyl	13.536	172	482105	61.921	ng	0.00
79) Terphenyl-d14	20.216	244	1049096	68.587	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.612	88	29756	37.226	ng	# 88
3) Pyridine	4.035	79	76888	31.582	ng	# 90
4) n-Nitrosodimethylamine	3.947	42	18983	38.331	ng	99
6) Aniline	7.607	93	70162	19.908	ng	97
8) 2-Chlorophenol	7.854	128	86885	49.893	ng	94
9) Benzaldehyde	7.413	77	34976	21.888	ng	94
10) Phenol	7.466	94	122172	44.826	ng	97
11) bis(2-Chloroethyl)ether	7.695	93	70732	38.296	ng	99
12) 1,3-Dichlorobenzene	8.183	146	96528m	45.545	ng	
13) 1,4-Dichlorobenzene	8.330	146	96715	45.443	ng	97
14) 1,2-Dichlorobenzene	8.653	146	94543	46.038	ng	98
15) Benzyl Alcohol	8.530	79	75852m	38.780	ng	
16) 2,2'-oxybis(1-Chloropr...	8.818	45	16410m	50.278	ng	
17) 2-Methylphenol	8.729	107	83631	41.818	ng	95
18) Hexachloroethane	9.388	117	29524	45.664	ng	96
19) n-Nitroso-di-n-propyla...	9.094	70	57483	35.174	ng	95
20) 3+4-Methylphenols	9.059	107	119450	42.483	ng	96
22) Acetophenone	9.123	105	133899	39.308	ng	# 98
24) Nitrobenzene	9.511	77	85453	36.612	ng	97
25) Isophorone	10.034	82	176330	35.583	ng	95
26) 2-Nitrophenol	10.228	139	54856	45.935	ng	93
27) 2,4-Dimethylphenol	10.275	122	99296	45.588	ng	96
28) bis(2-Chloroethoxy)met...	10.504	93	101366	39.357	ng	99
29) 2,4-Dichlorophenol	10.768	162	114053	47.363	ng	97
30) 1,2,4-Trichlorobenzene	10.980	180	113613	41.576	ng	99
31) Naphthalene	11.174	128	269845	42.560	ng	99
32) Benzoic acid	10.422	122	62729	38.815	ng	97
33) 4-Chloroaniline	11.279	127	61993	20.479	ng	98
34) Hexachlorobutadiene	11.450	225	77585	39.476	ng	97
35) Caprolactam	12.049	113	37734m	46.283	ng	
36) 4-Chloro-3-methylphenol	12.378	107	111267	45.536	ng	97
37) 2-Methylnaphthalene	12.760	142	215736	40.298	ng	99
38) 1-Methylnaphthalene	12.977	142	202047	40.642	ng	99
40) 1,2,4,5-Tetrachloroben...	13.118	216	159713	39.635	ng	99
41) Hexachlorocyclopentadiene	13.095	237	164898	71.777	ng	96
43) 2,4,6-Trichlorophenol	13.354	196	116894	43.870	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.430	196	129436	41.065	ng	97
46) 1,1'-Biphenyl	13.747	154	326182	42.362	ng	98
47) 2-Chloronaphthalene	13.800	162	262427	43.180	ng	99
48) 2-Nitroaniline	13.994	65	56423	43.573	ng	90
49) Acenaphthylene	14.634	152	423516	42.822	ng	98
50) Dimethylphthalate	14.346	163	365703	42.136	ng	99
51) 2,6-Dinitrotoluene	14.476	165	82173	44.433	ng	89
52) Acenaphthene	14.975	154	312966m	48.654	ng	
53) 3-Nitroaniline	14.811	138	43057	24.463	ng	93
54) 2,4-Dinitrophenol	15.016	184	116807	88.411	ng	# 96
55) Dibenzofuran	15.304	168	446527	41.949	ng	97
56) 4-Nitrophenol	15.116	139	126456	93.418	ng	85
57) 2,4-Dinitrotoluene	15.263	165	119565	46.229	ng	# 87
58) Fluorene	15.950	166	368824	43.079	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.527	232	131379	44.392	ng	96
60) Diethylphthalate	15.698	149	347180	42.654	ng	99
61) 4-Chlorophenyl-phenyle...	15.933	204	221246	41.409	ng	99
62) 4-Nitroaniline	15.968	138	76208	42.269	ng	93
63) Azobenzene	16.227	77	254957	40.591	ng	97
65) 4,6-Dinitro-2-methylph...	16.027	198	83586	42.339	ng	95
66) n-Nitrosodiphenylamine	16.144	169	342738	42.157	ng	98
67) 4-Bromophenyl-phenylether	16.826	248	155857	41.770	ng	99
68) Hexachlorobenzene	16.955	284	160696	46.160	ng	96
69) Atrazine	17.079	200	151504	44.965	ng	98
70) Pentachlorophenol	17.296	266	195178	72.986	ng	99
71) Phenanthrene	17.690	178	649306	42.759	ng	98
72) Anthracene	17.778	178	662502	42.293	ng	99
73) Carbazole	18.042	167	574166	43.606	ng	98
74) Di-n-butylphthalate	18.571	149	588842	44.861	ng	99
75) Fluoranthene	19.681	202	809160	40.850	ng	99
77) Benzidine	19.846	184	231546	24.118	ng	99
78) Pyrene	20.040	202	819190	42.424	ng	99
80) Butylbenzylphthalate	20.898	149	243054	43.874	ng	95
81) Benzo(a)anthracene	21.914	228	803896	41.778	ng	98
82) 3,3'-Dichlorobenzidine	21.814	252	155744	22.484	ng	99
83) Chrysene	21.985	228	751296	41.683	ng	100
84) Bis(2-ethylhexyl)phtha...	21.773	149	342478	42.910	ng	98
85) Di-n-octyl phthalate	23.048	149	581525	43.160	ng	100
87) Indeno(1,2,3-cd)pyrene	29.323	276	941583	43.550	ng	# 97
88) Benzo(b)fluoranthene	24.270	252	839152	44.426	ng	99
89) Benzo(k)fluoranthene	24.341	252	806244	42.864	ng	100
90) Benzo(a)pyrene	25.204	252	733119	39.793	ng	# 98
91) Dibenzo(a,h)anthracene	29.376	278	799893	44.128	ng	99
92) Benzo(g,h,i)perylene	30.563	276	761846	43.340	ng	98

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

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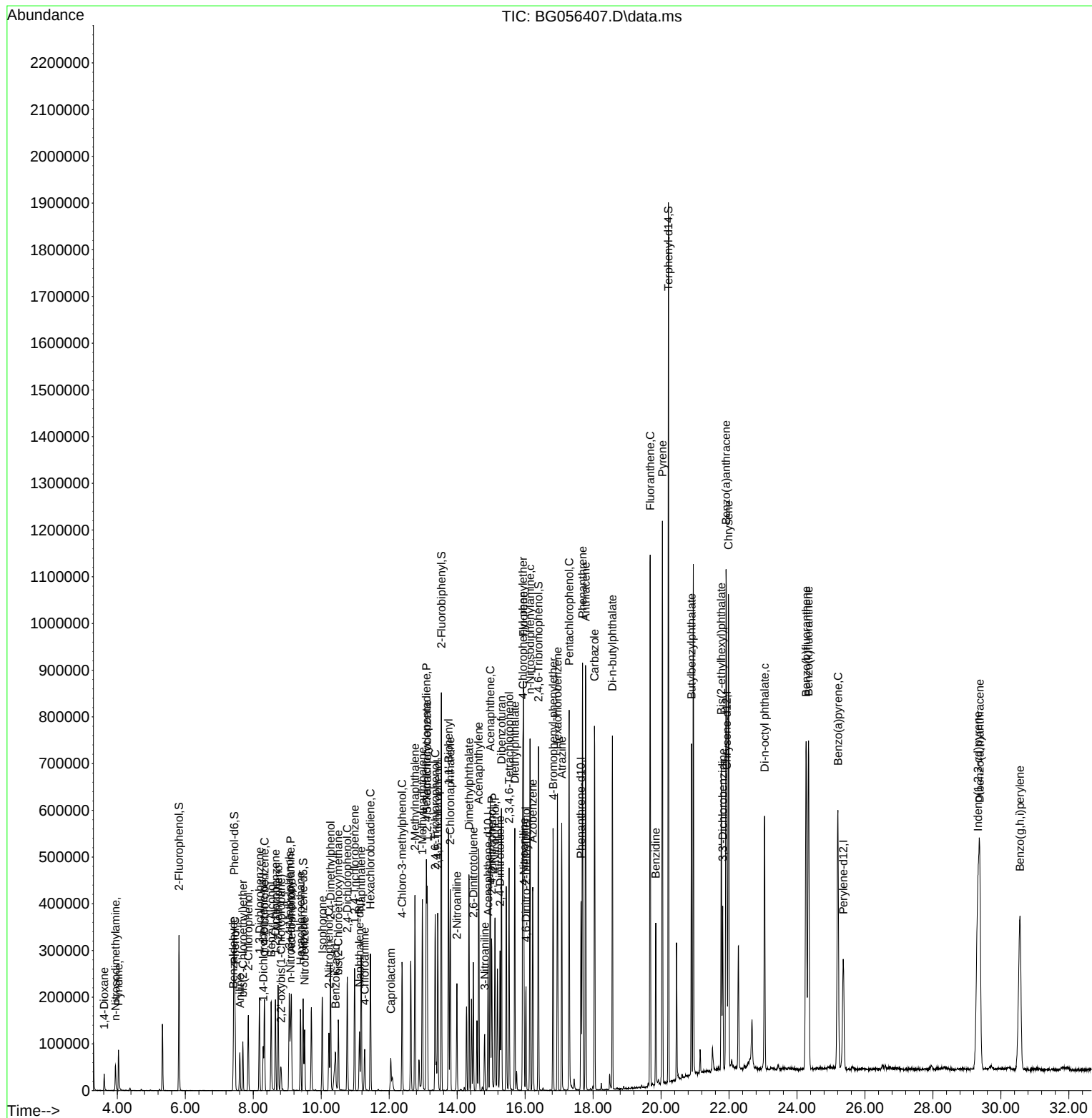
TP-28MSD

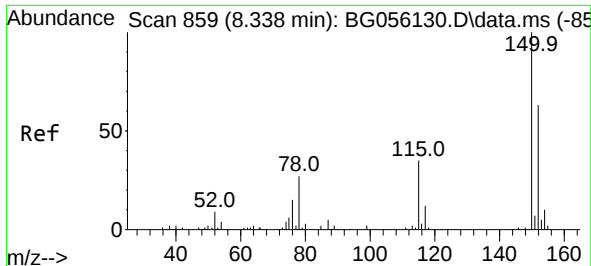
Manual Integrations

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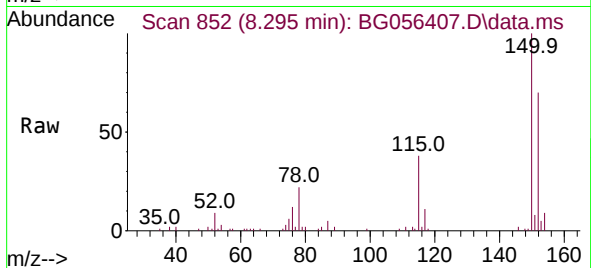
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.295 min Scan# 81
 Delta R.T. 0.002 min
 Lab File: BG056407.D
 Acq: 24 Jan 2023 17:48

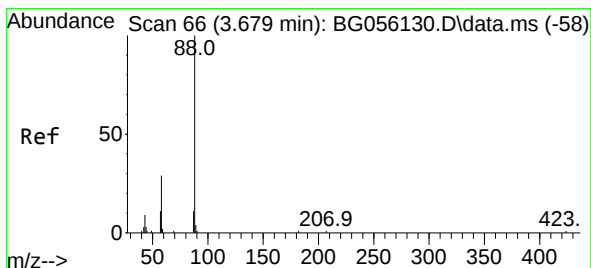
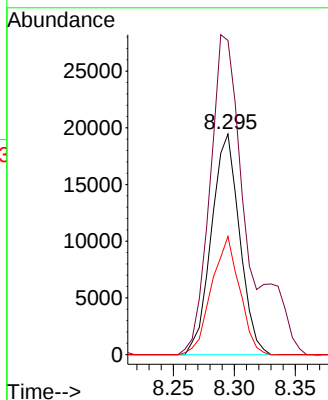
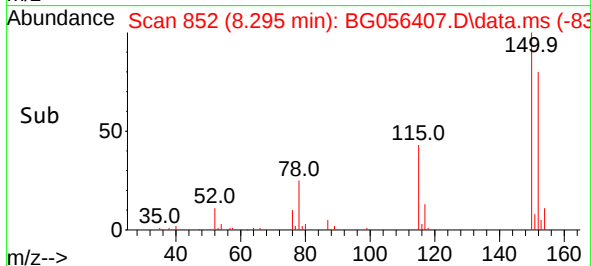
Instrument :
 BNA_G
 ClientSampleId :
 TP-28MSD



Tgt Ion:152 Resp: 31246
 Ion Ratio Lower Upper
 152 100
 150 142.5 127.9 191.9
 115 53.6 44.2 66.2

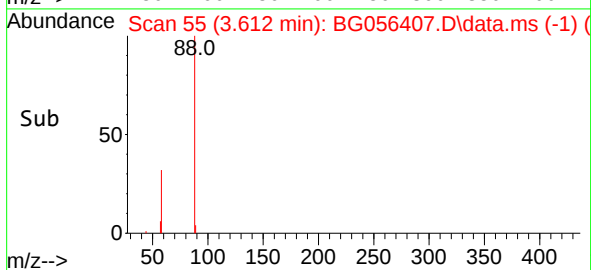
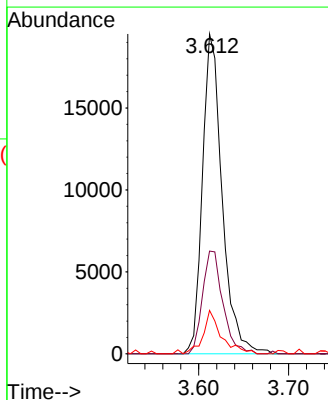
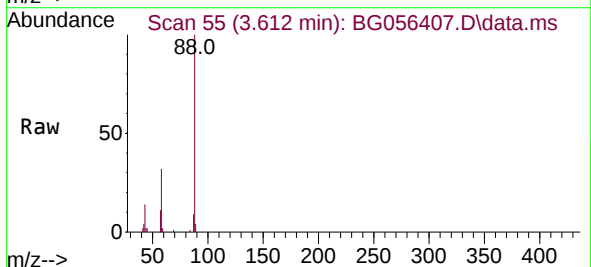
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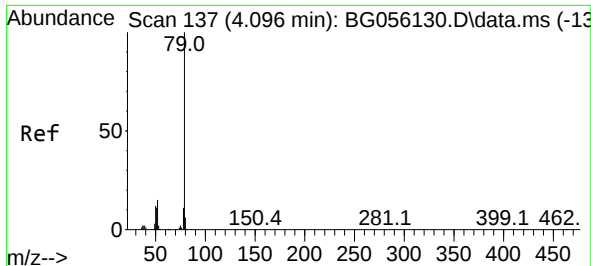
Reviewed By :Christian Giraldo 01/25/2023
 Supervised By :Jagrut Upadhyay 01/25/2023



#2
 1,4-Dioxane
 Concen: 37.226 ng
 RT: 3.612 min Scan# 55
 Delta R.T. -0.004 min
 Lab File: BG056407.D
 Acq: 24 Jan 2023 17:48

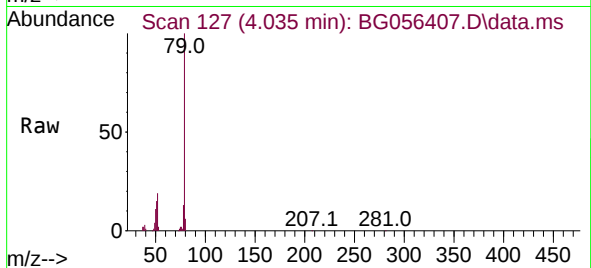
Tgt Ion: 88 Resp: 29756
 Ion Ratio Lower Upper
 88 100
 58 33.2 21.4 32.0#
 43 12.8 7.1 10.7#





#3
Pyridine
Concen: 31.582 ng
RT: 4.035 min Scan# 111
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

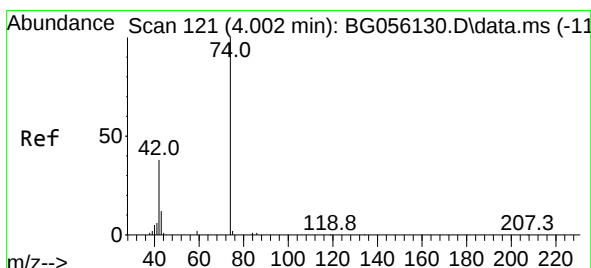
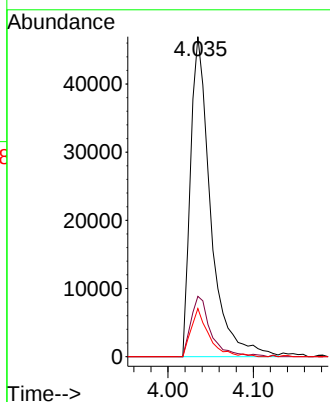
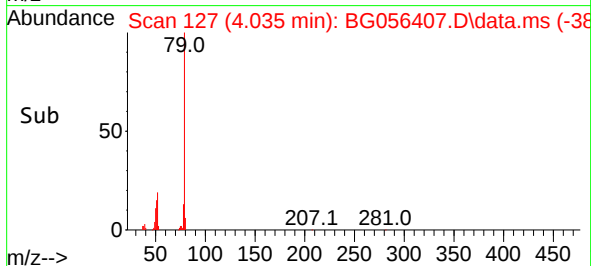
Instrument :
BNA_G
ClientSampleId :
TP-28MSD



Tgt Ion: 79 Resp: 7688
Ion Ratio Lower Upper
79 100
52 18.8 11.8 17.6
51 15.0 8.8 13.2

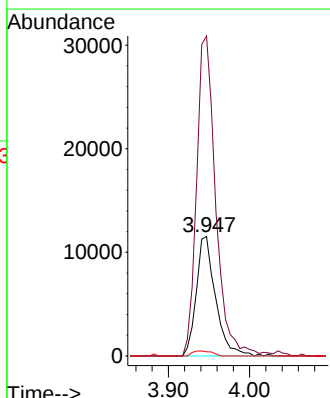
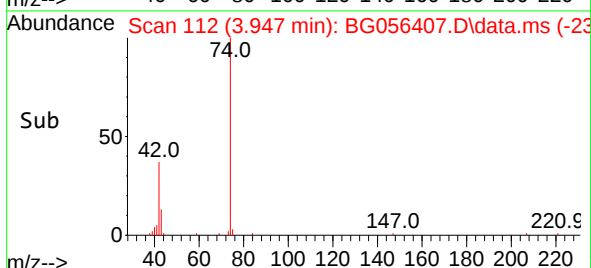
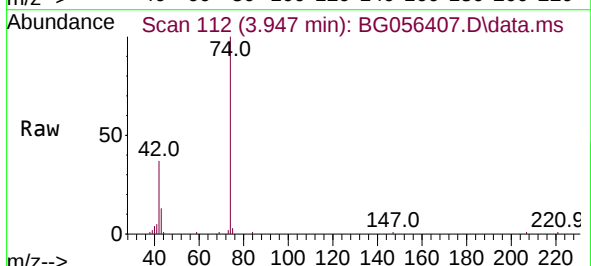
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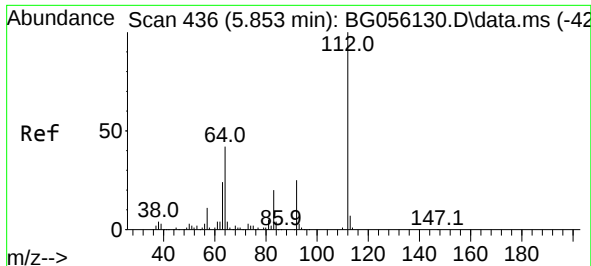
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#4
n-Nitrosodimethylamine
Concen: 38.331 ng
RT: 3.947 min Scan# 112
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion: 42 Resp: 18983
Ion Ratio Lower Upper
42 100
74 268.0 212.6 319.0
44 3.4 2.6 3.8





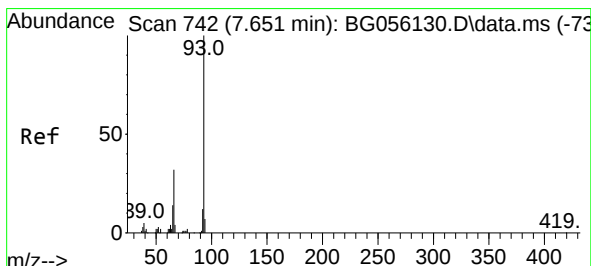
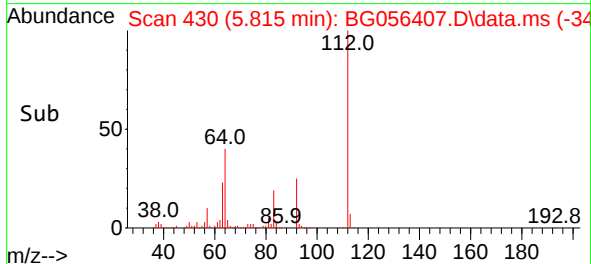
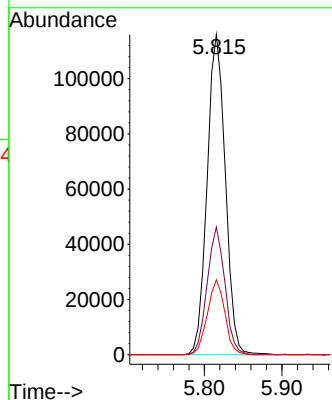
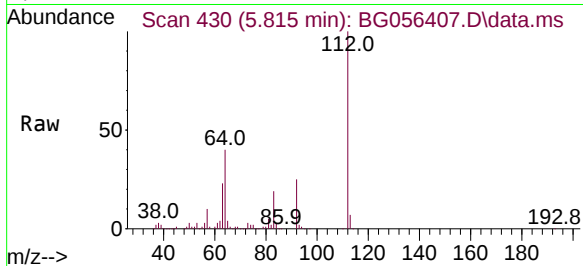
#5
2-Fluorophenol
Concen: 108.016 ng
RT: 5.815 min Scan# 436
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tgt Ion:112 Resp: 189026
Ion Ratio Lower Upper
112 100
64 39.8 33.3 49.9
63 23.4 19.0 28.4

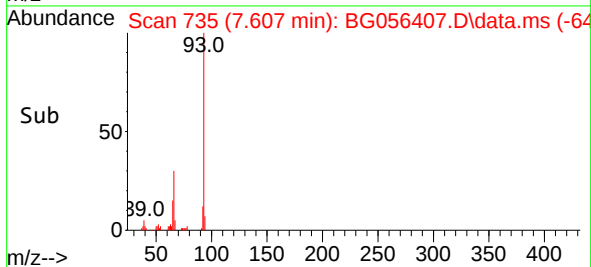
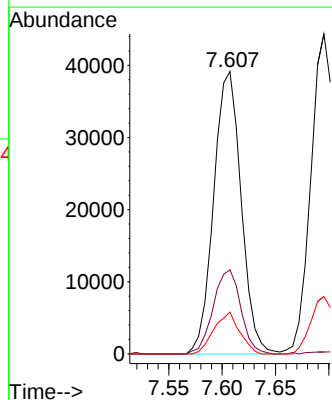
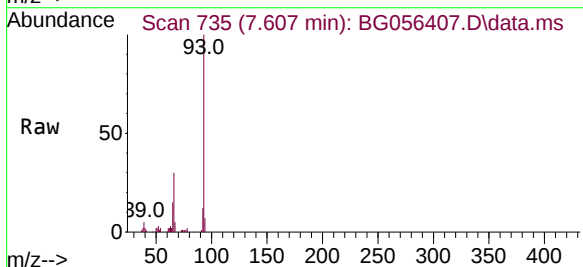
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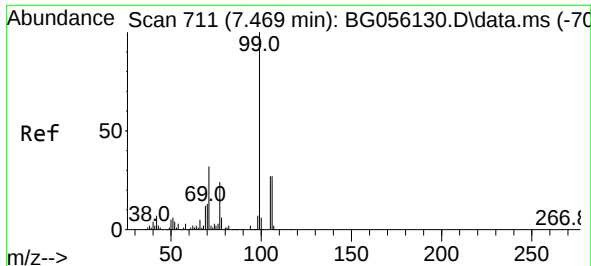
Reviewed By :Christian Giraldo 01/25/2023
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#6
Aniline
Concen: 19.908 ng
RT: 7.607 min Scan# 735
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

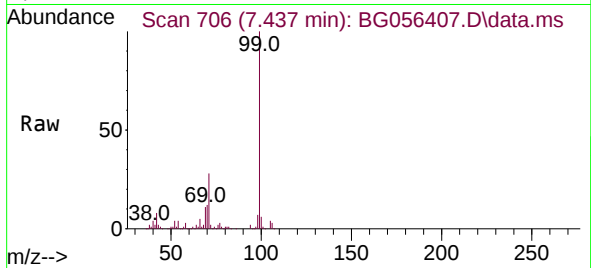
Tgt Ion: 93 Resp: 70162
Ion Ratio Lower Upper
93 100
66 29.8 25.4 38.2
65 14.8 11.4 17.2





#7
Phenol-d6
Concen: 100.070 ng
RT: 7.437 min Scan# 706
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

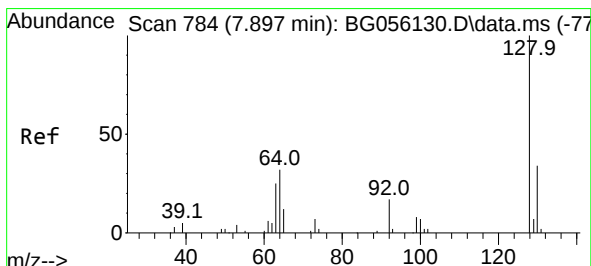
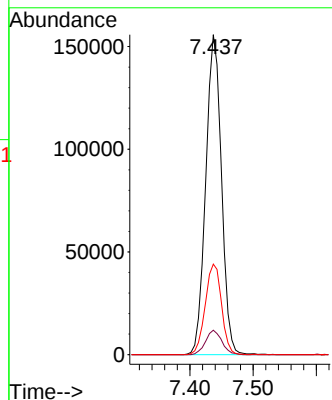
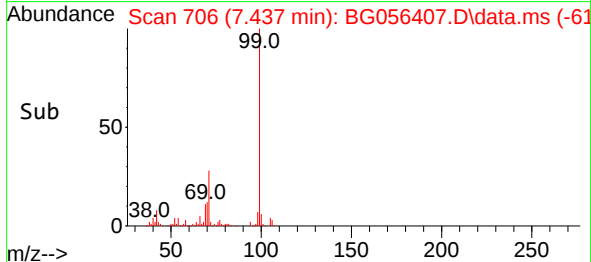
Instrument :
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Tgt Ion: 99 Resp: 268938
Ion Ratio Lower Upper
99 100
42 7.6 5.9 8.9
71 28.3 25.4 38.2

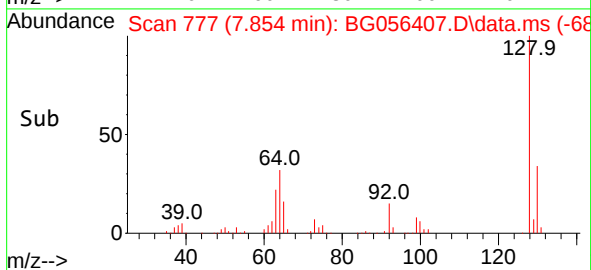
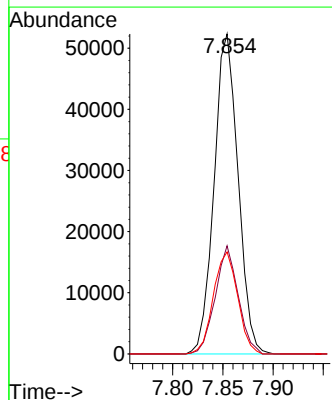
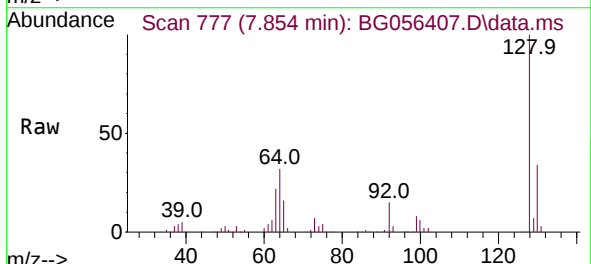
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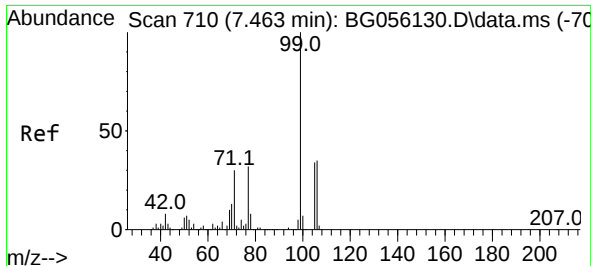
Reviewed By :Christian Giraldo 01/25/2023
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#8
2-Chlorophenol
Concen: 49.893 ng
RT: 7.854 min Scan# 777
Delta R.T. 0.002 min
Lab File: BG056407.D
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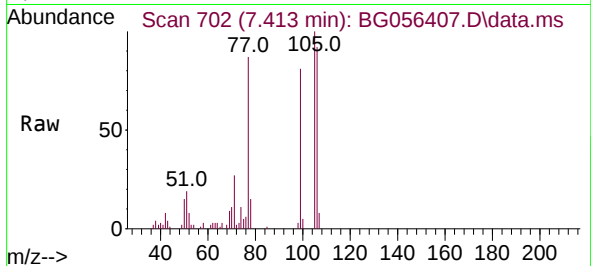
Tgt Ion:128 Resp: 86885
Ion Ratio Lower Upper
128 100
130 33.8 13.5 53.5
64 31.9 18.0 58.0





#9
Benzaldehyde
Concen: 21.888 ng
RT: 7.413 min Scan# 70
Delta R.T. -0.004 min
Lab File: BG056407.D
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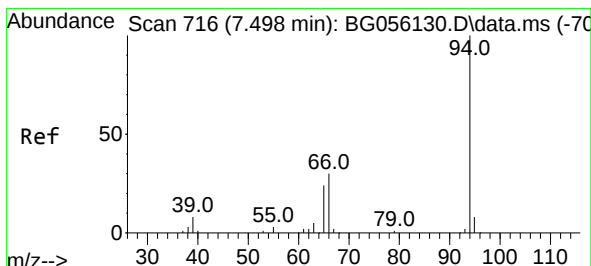
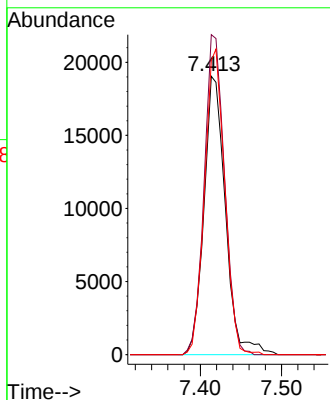
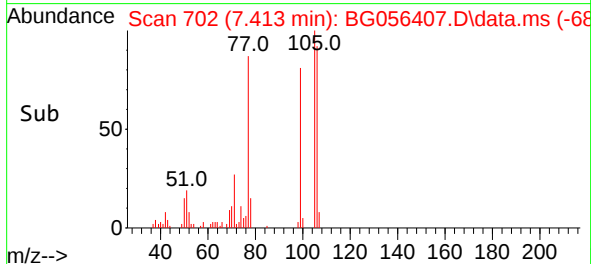
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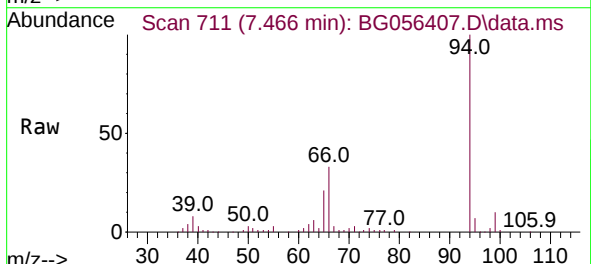
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Ion Ratio Lower Upper
77 100
105 115.0 86.8 126.8
106 105.6 89.3 129.3

Manual Integrations
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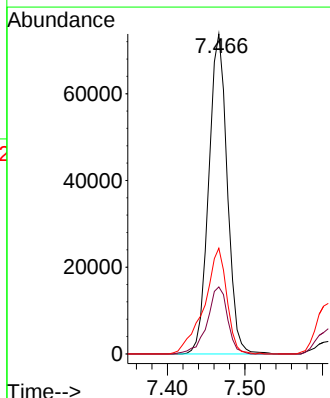
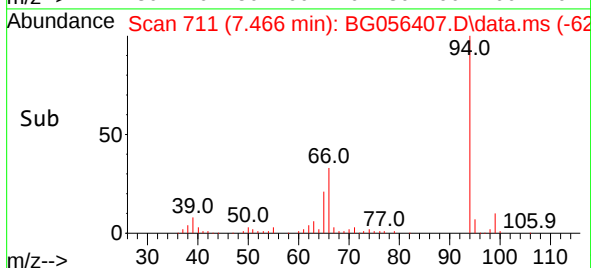
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

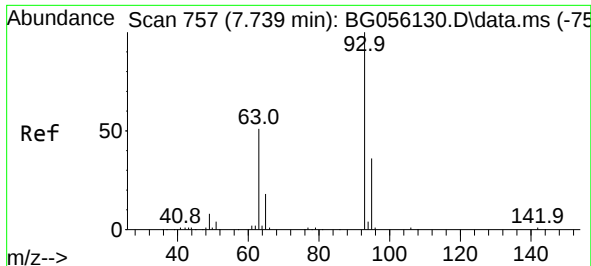


#10
Phenol
Concen: 44.826 ng
RT: 7.466 min Scan# 711
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48



Tgt Ion: 94 Resp: 122172
Ion Ratio Lower Upper
94 100
65 20.9 4.3 44.3
66 33.0 13.2 53.2





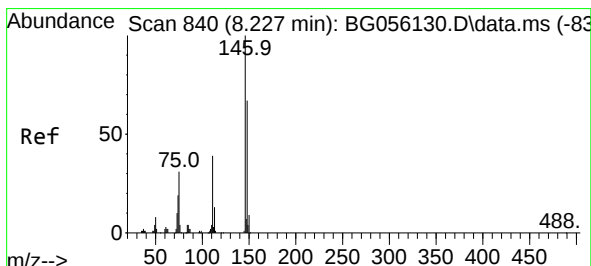
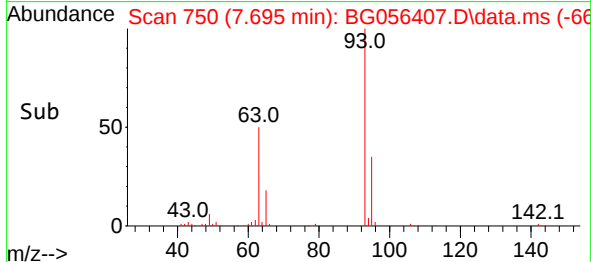
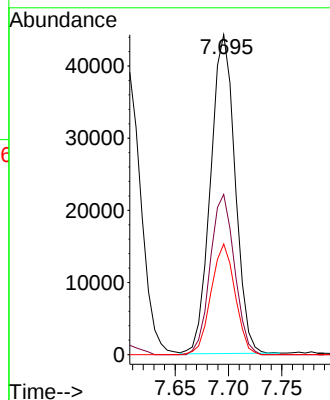
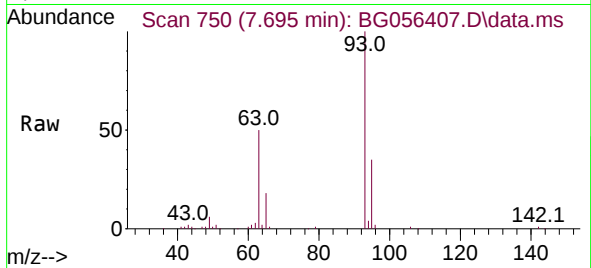
#11
bis(2-Chloroethyl)ether
Concen: 38.296 ng
RT: 7.695 min Scan# 757
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tgt Ion: 93 Resp: 70732
Ion Ratio Lower Upper
93 100
63 50.1 30.5 70.5
95 34.6 15.9 55.9

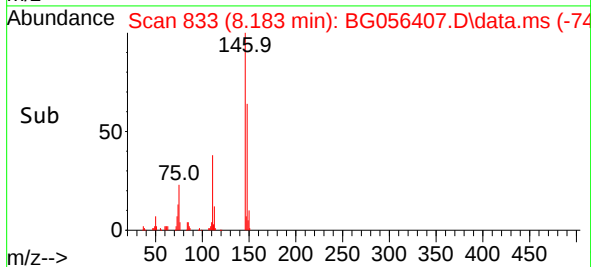
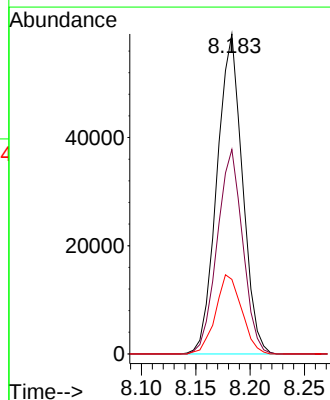
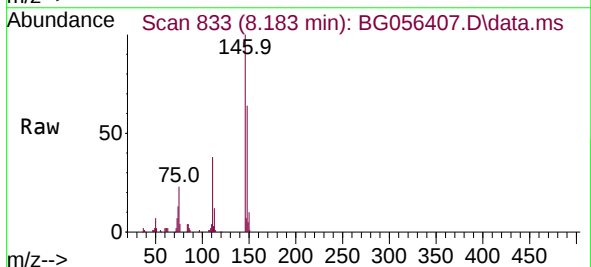
Manual Integrations
APPROVED

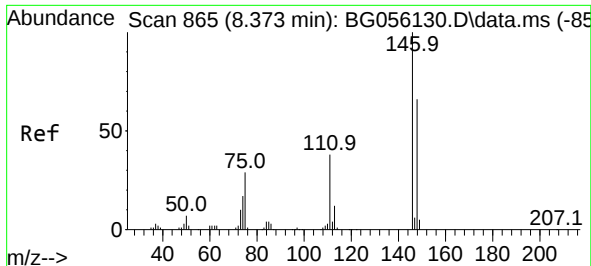
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#12
1,3-Dichlorobenzene
Concen: 45.545 ng m
RT: 8.183 min Scan# 833
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

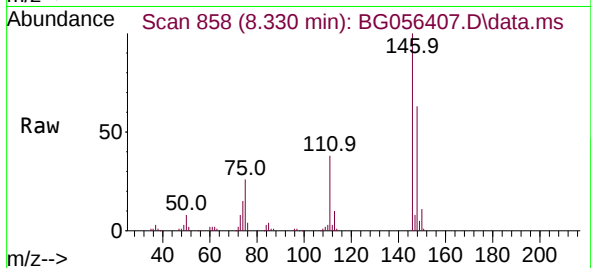
Tgt Ion:146 Resp: 96528
Ion Ratio Lower Upper
146 100
148 63.9 53.5 80.3
75 23.3 24.8 37.2#





#13
1,4-Dichlorobenzene
Concen: 45.443 ng
RT: 8.330 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

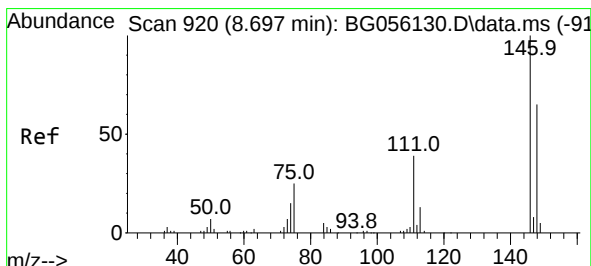
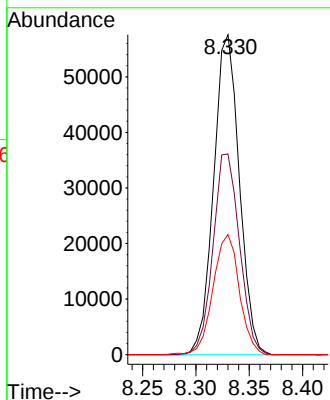
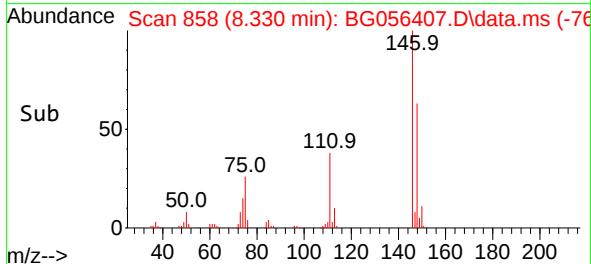
Instrument :
BNA_G
ClientSampleId :
TP-28MSD



Tgt Ion:146 Resp: 96715
Ion Ratio Lower Upper
146 100
148 62.7 52.8 79.2
111 37.5 30.5 45.7

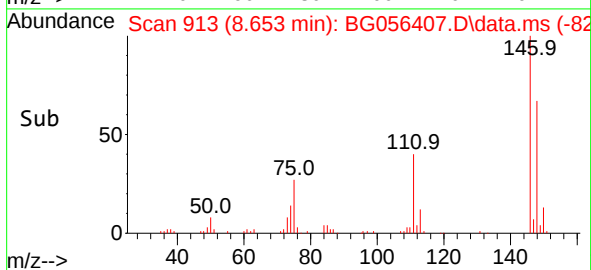
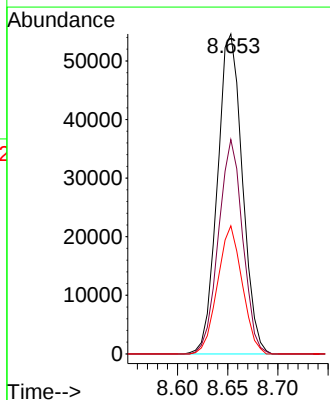
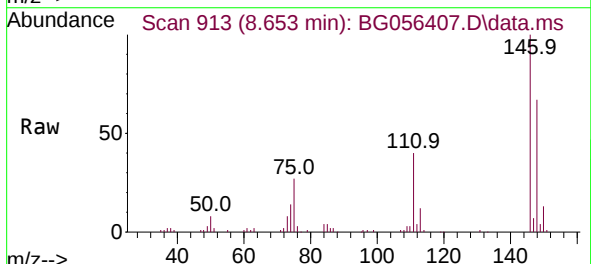
Manual Integrations
APPROVED

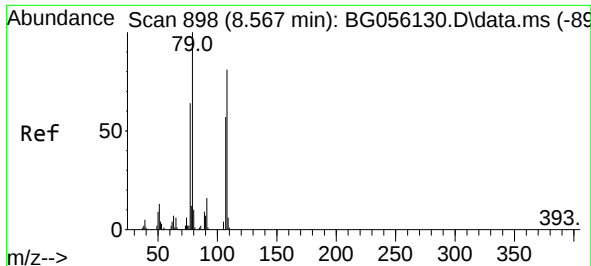
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#14
1,2-Dichlorobenzene
Concen: 46.038 ng
RT: 8.653 min Scan# 913
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

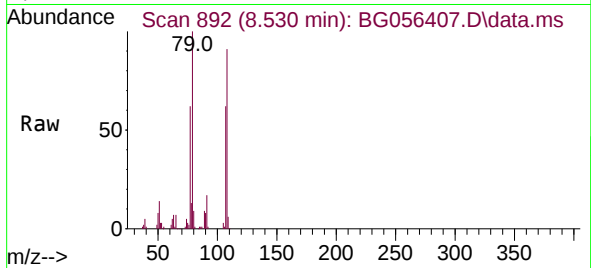
Tgt Ion:146 Resp: 94543
Ion Ratio Lower Upper
146 100
148 67.0 51.7 77.5
111 40.0 31.5 47.3





#15
Benzyl Alcohol
Concen: 38.780 ng m
RT: 8.530 min Scan# 898
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

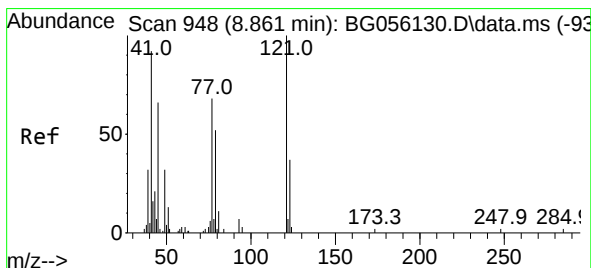
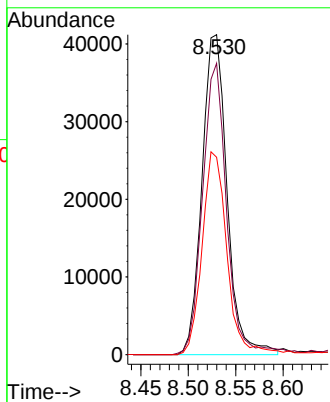
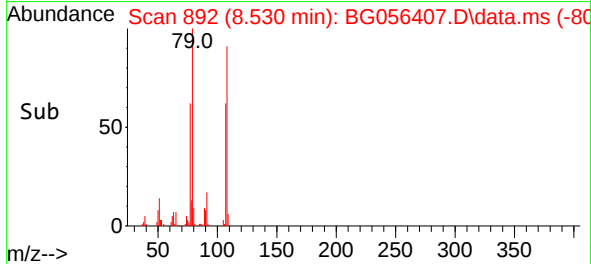
Instrument :
BNA_G
ClientSampleId :
TP-28MSD



Tgt Ion: 79 Resp: 75852
Ion Ratio Lower Upper
79 100
108 91.0 64.7 97.1
77 61.7 51.5 77.3

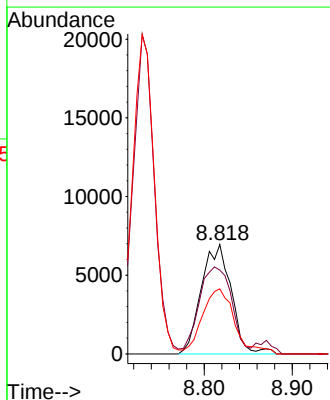
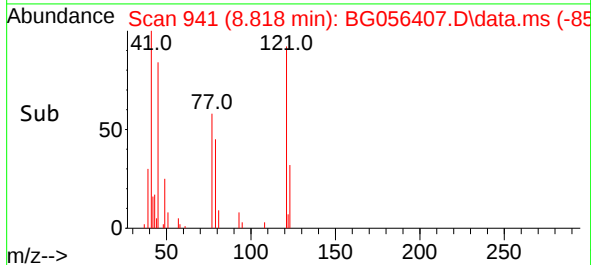
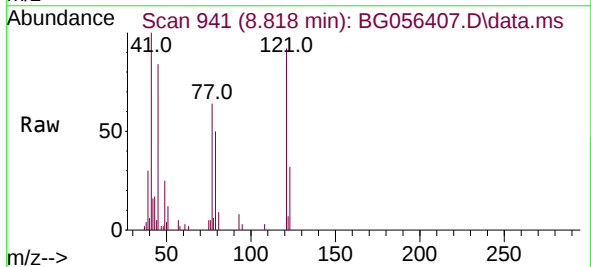
Manual Integrations
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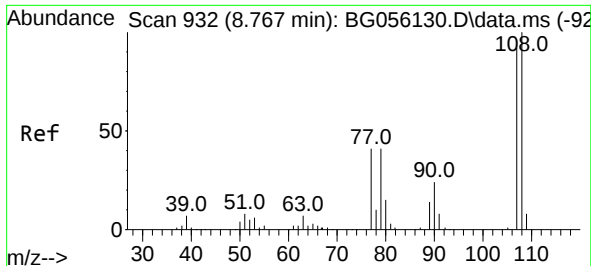
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.278 ng m
RT: 8.818 min Scan# 941
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion: 45 Resp: 16410
Ion Ratio Lower Upper
45 100
77 76.6 88.2 128.2#
79 59.5 61.2 101.2#





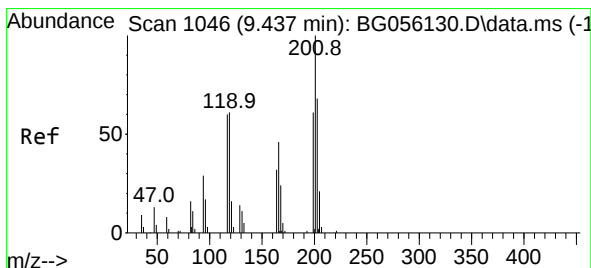
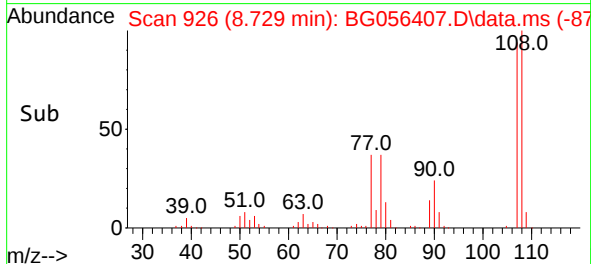
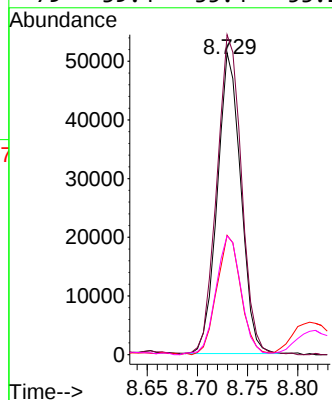
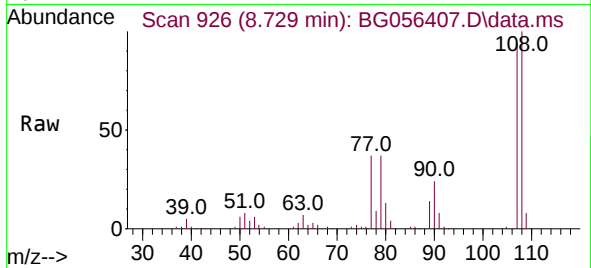
#17
2-Methylphenol
Concen: 41.818 ng
RT: 8.729 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tgt Ion:107	Resp:	8363
Ion Ratio	Lower	Upper
107 100		
108 106.0	86.6	129.8
77 39.5	35.4	53.2
79 39.4	35.4	53.2

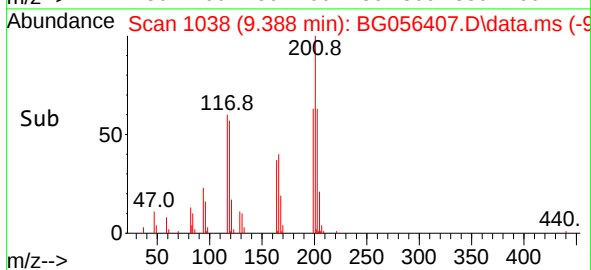
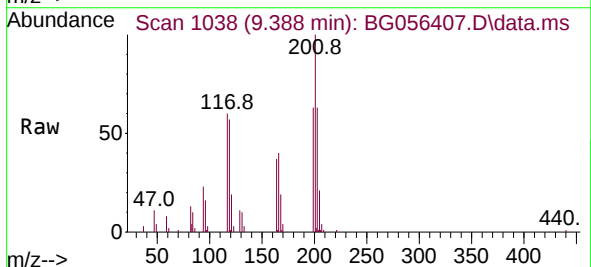
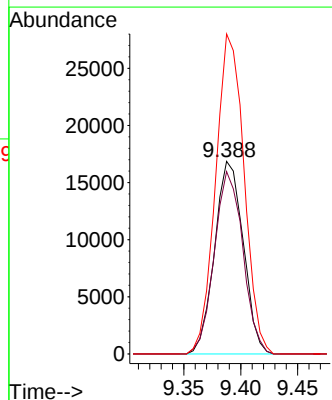
Manual Integrations
APPROVED

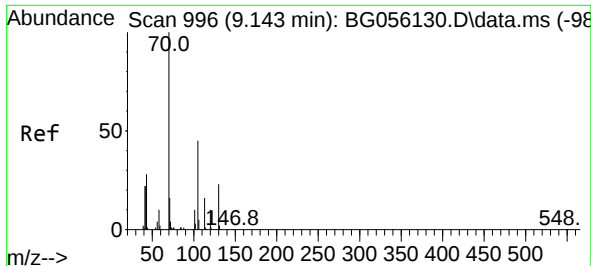
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#18
Hexachloroethane
Concen: 45.664 ng
RT: 9.388 min Scan# 1038
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

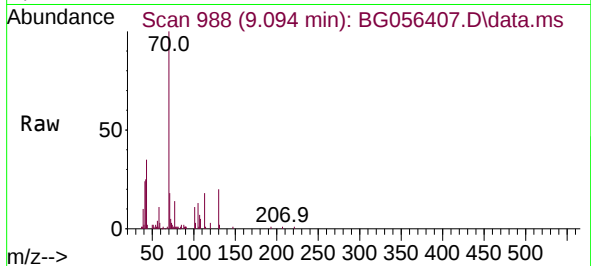
Tgt Ion:117	Resp:	29524
Ion Ratio	Lower	Upper
117 100		
119 94.7	81.8	122.6
201 166.1	134.2	201.2





#19
n-Nitroso-di-n-propylamine
Concen: 35.174 ng
RT: 9.094 min Scan# 981
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

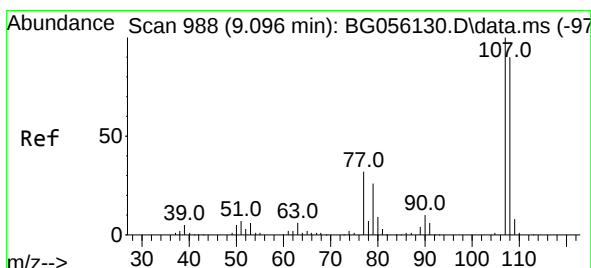
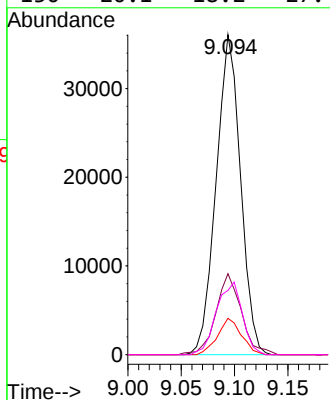
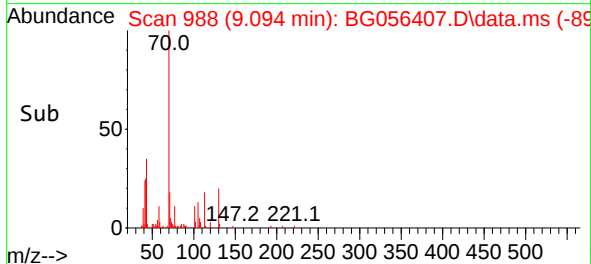
Instrument :
BNA_G
ClientSampleId :
TP-28MSD



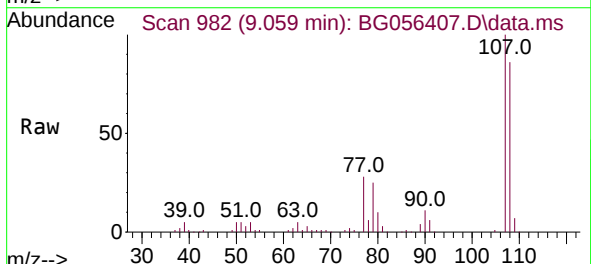
Tgt Ion: 70 Resp: 57483
Ion Ratio Lower Upper
70 100
42 25.3 18.2 27.2
101 11.3 8.3 12.5
130 20.1 18.2 27.4

Manual Integrations
APPROVED

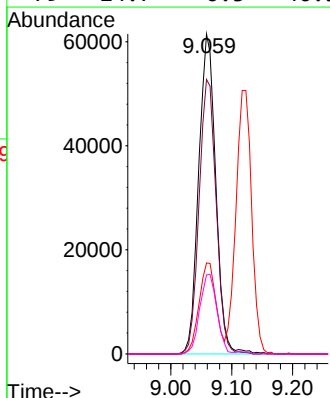
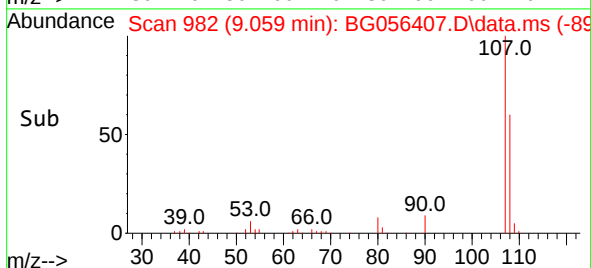
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

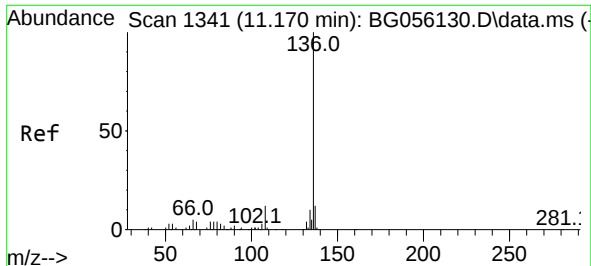


#20
3+4-Methylphenols
Concen: 42.483 ng
RT: 9.059 min Scan# 982
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48



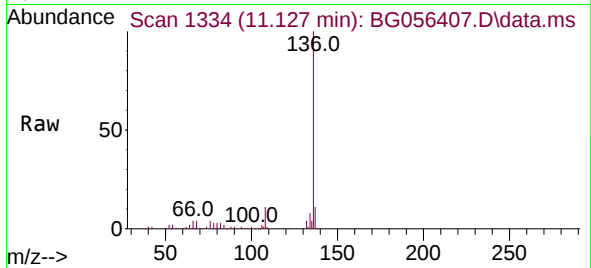
Tgt Ion:107 Resp: 119450
Ion Ratio Lower Upper
107 100
108 85.8 69.6 109.6
77 28.4 11.7 51.7
79 24.7 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.127 min Scan# 1341
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

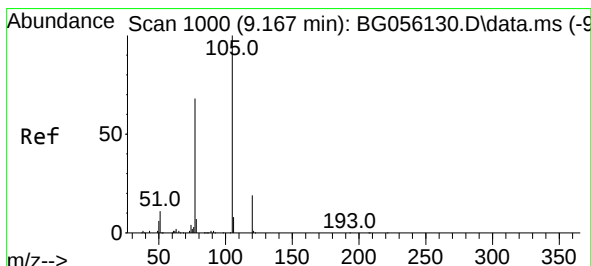
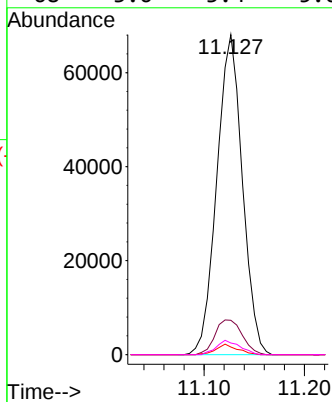
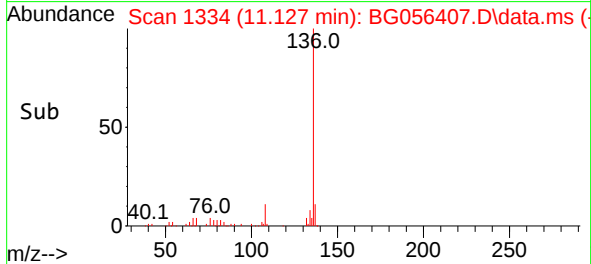
Instrument :
BNA_G
ClientSampleId :
TP-28MSD



Tgt Ion:136 Resp: 120473
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.0
54 2.4 2.2 3.2
68 3.6 3.4 5.0

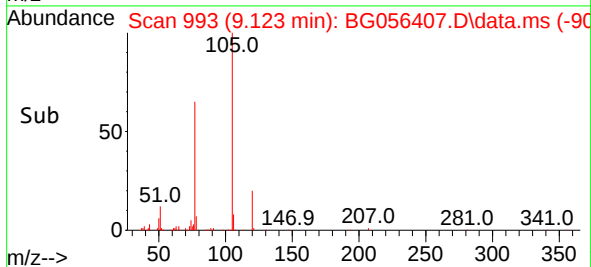
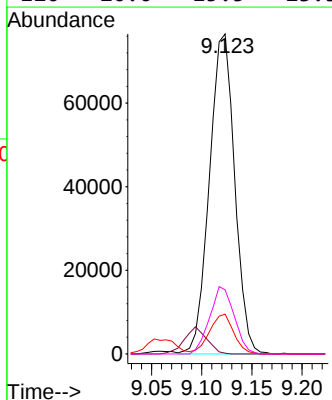
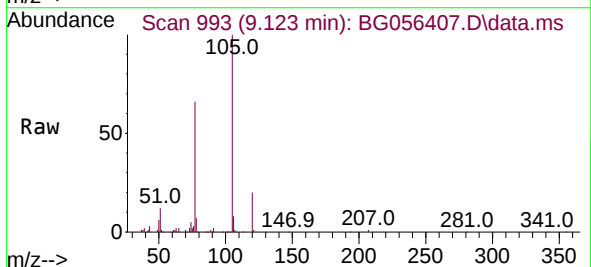
Manual Integrations
APPROVED

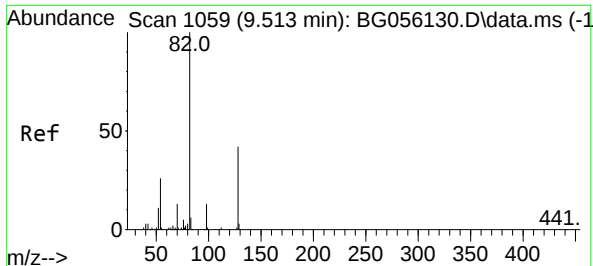
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#22
Acetophenone
Concen: 39.308 ng
RT: 9.123 min Scan# 993
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:105 Resp: 133899
Ion Ratio Lower Upper
105 100
71 0.2 0.5 0.7#
51 12.4 9.3 13.9
120 20.0 15.5 23.3





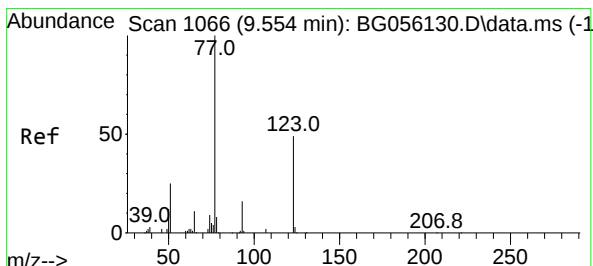
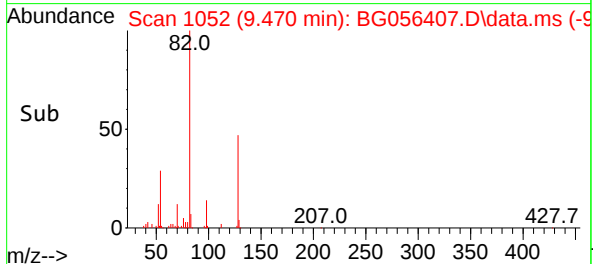
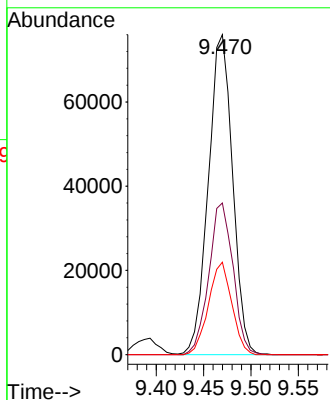
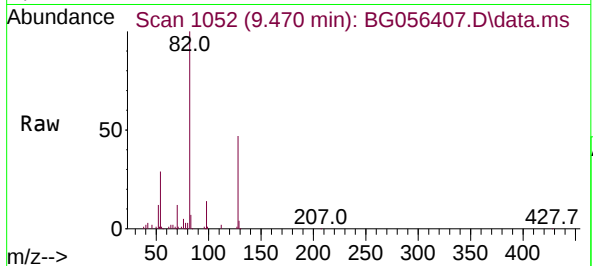
#23
Nitrobenzene-d5
Concen: 57.379 ng
RT: 9.470 min Scan# 1052
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tgt Ion: 82 Resp: 13514
Ion Ratio Lower Upper
82 100
128 47.4 33.4 50.2
54 28.9 20.3 30.5

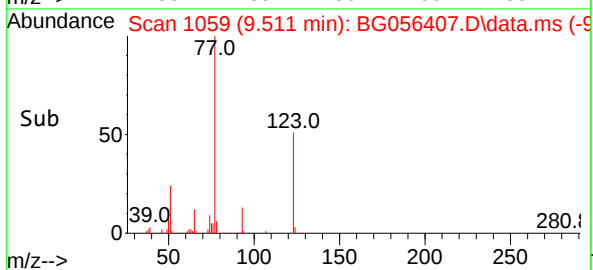
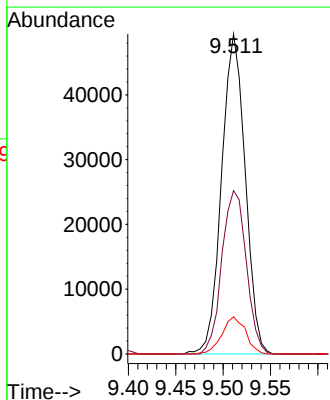
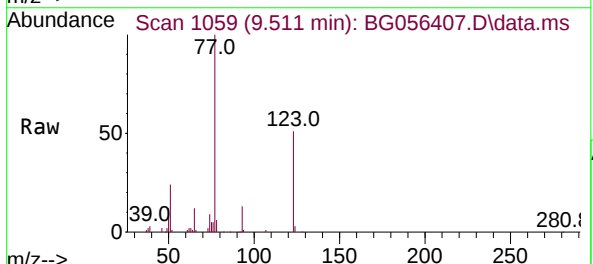
Manual Integrations
APPROVED

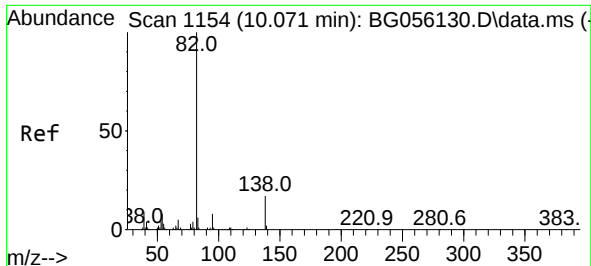
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#24
Nitrobenzene
Concen: 36.612 ng
RT: 9.511 min Scan# 1059
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion: 77 Resp: 85453
Ion Ratio Lower Upper
77 100
123 51.0 38.8 58.2
65 11.6 9.1 13.7





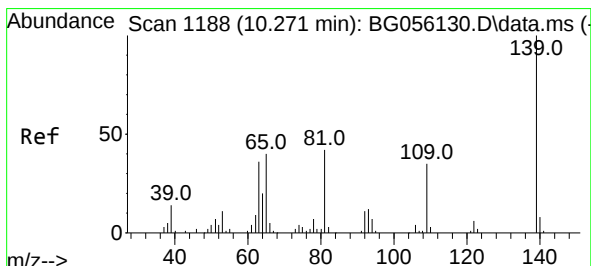
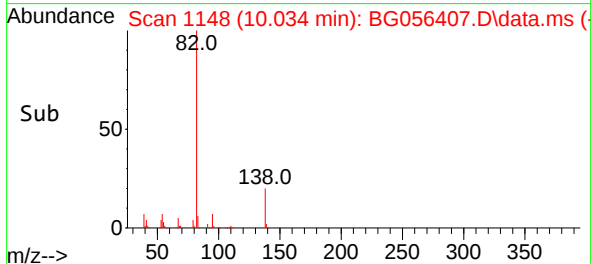
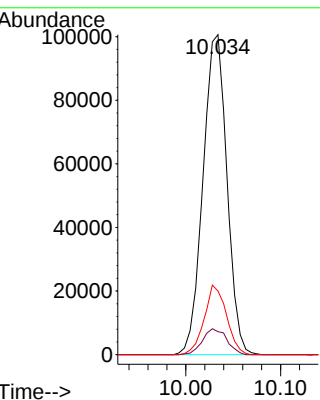
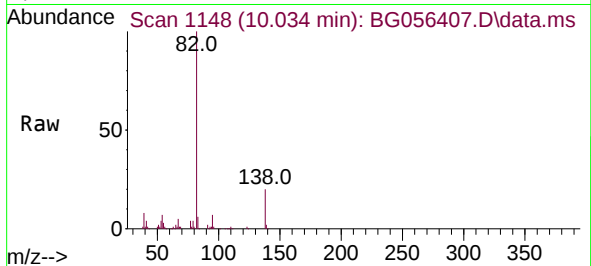
#25
Isophorone
Concen: 35.583 ng
RT: 10.034 min Scan# 1154
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tgt Ion: 82 Resp: 176336
Ion Ratio Lower Upper
82 100
95 7.2 6.7 10.1
138 19.9 13.7 20.5

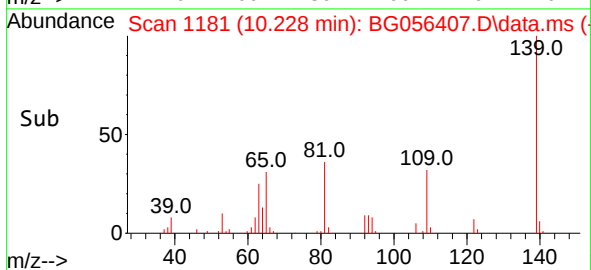
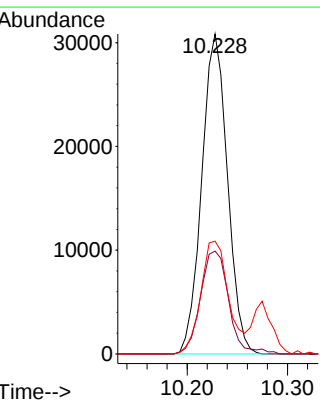
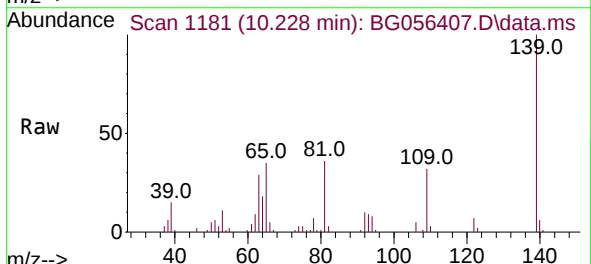
Manual Integrations
APPROVED

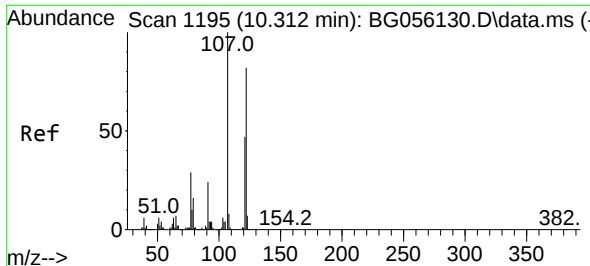
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#26
2-Nitrophenol
Concen: 45.935 ng
RT: 10.228 min Scan# 1181
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

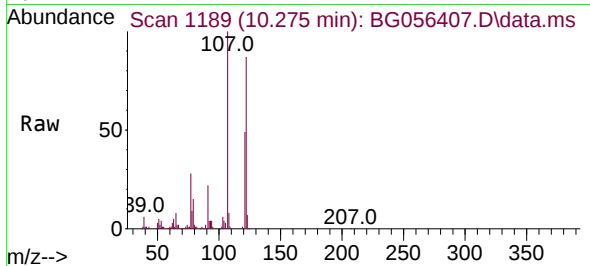
Tgt Ion:139 Resp: 54856
Ion Ratio Lower Upper
139 100
109 32.1 28.4 42.6
65 35.2 32.1 48.1





#27
2,4-Dimethylphenol
Concen: 45.588 ng
RT: 10.275 min Scan# 1195
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

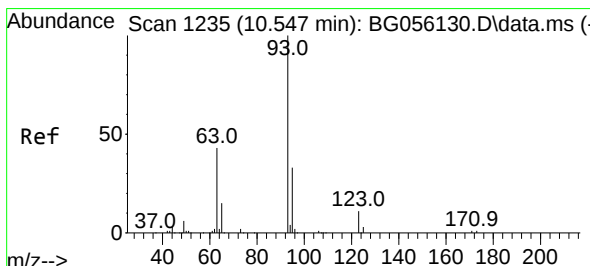
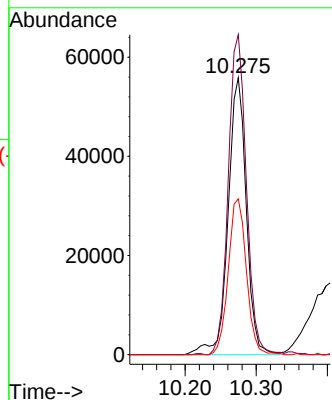
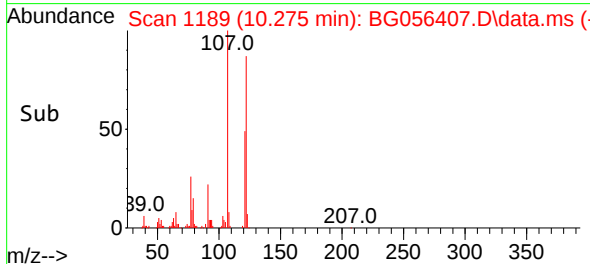
Instrument :
BNA_G
ClientSampleId :
TP-28MSD



Tgt Ion:122 Resp: 99296
Ion Ratio Lower Upper
122 100
107 115.6 97.5 146.3
121 56.3 45.9 68.9

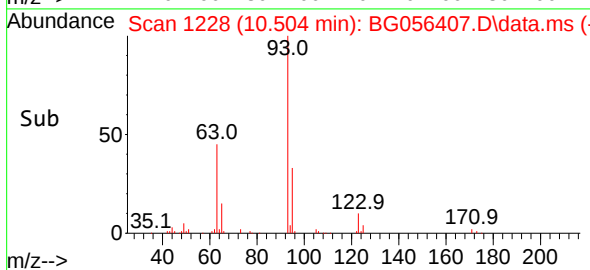
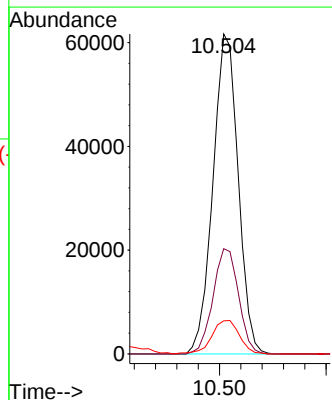
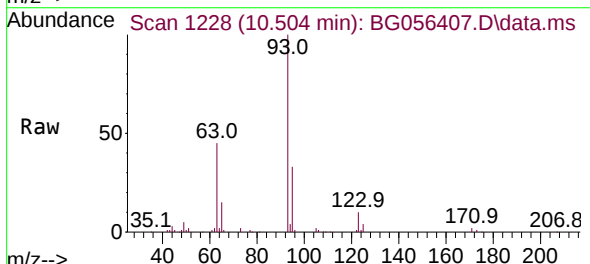
Manual Integrations
APPROVED

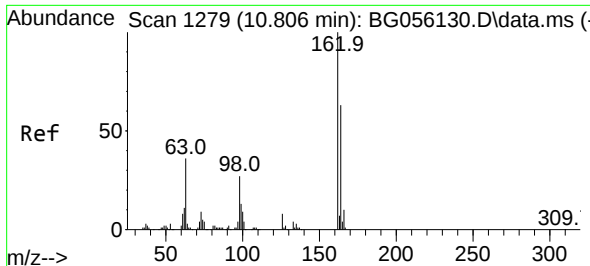
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.357 ng
RT: 10.504 min Scan# 1228
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

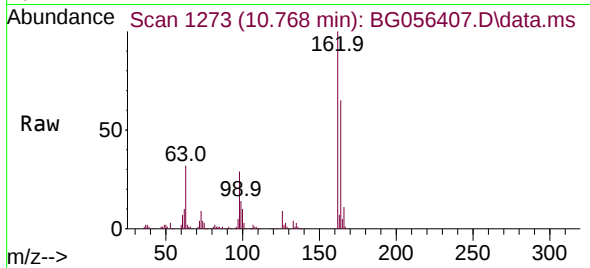
Tgt Ion: 93 Resp: 101366
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.2
123 10.3 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 47.363 ng
RT: 10.768 min Scan# 1109
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

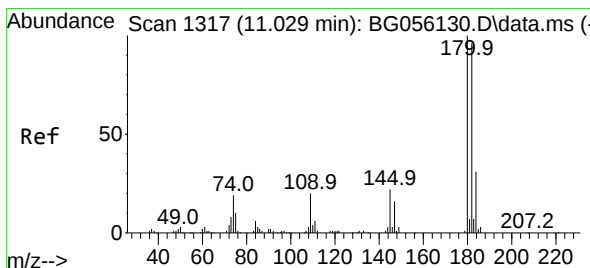
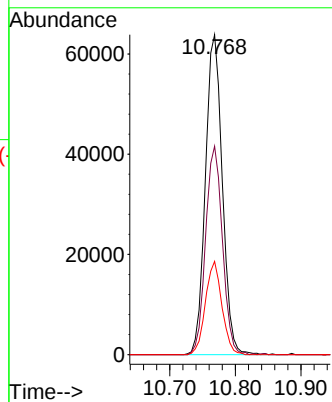
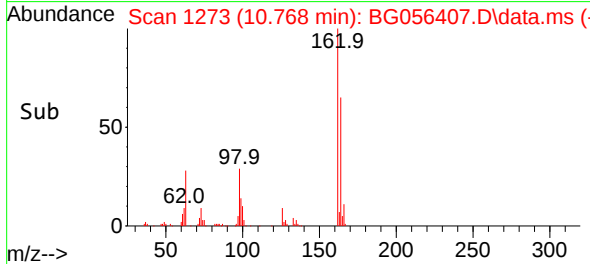
Instrument :
BNA_G
ClientSampleId :
TP-28MSD



Tgt Ion:162 Resp: 114053
Ion Ratio Lower Upper
162 100
164 65.1 43.3 83.3
98 29.1 6.8 46.8

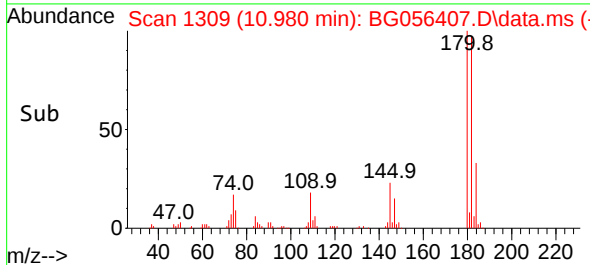
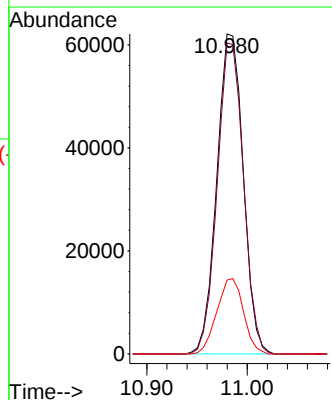
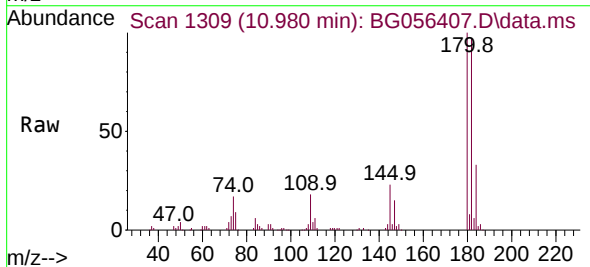
Manual Integrations
APPROVED

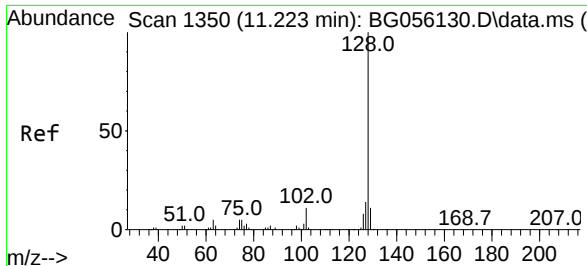
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#30
1,2,4-Trichlorobenzene
Concen: 41.576 ng
RT: 10.980 min Scan# 1309
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:180 Resp: 113613
Ion Ratio Lower Upper
180 100
182 97.2 77.0 115.4
145 23.1 17.4 26.2





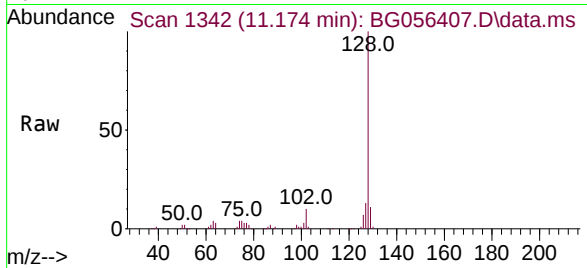
#31
Naphthalene
Concen: 42.560 ng
RT: 11.174 min Scan# 1350
Delta R.T. -0.010 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Instrument :

BNA_G

ClientSampleId :

TP-28MSD

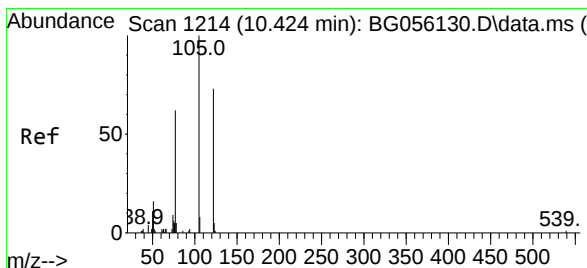
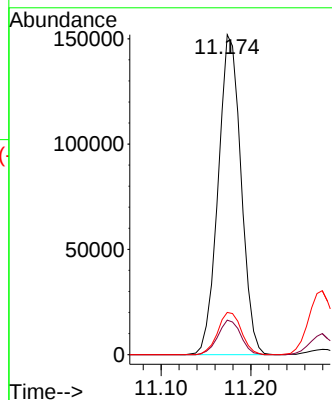
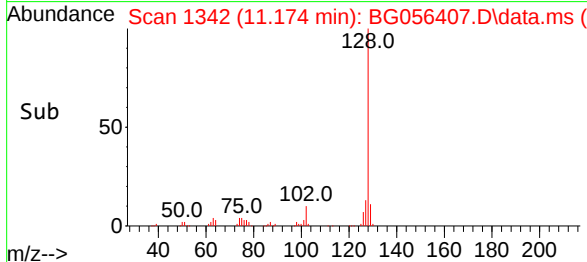


Tgt Ion:128 Resp: 269845
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.2 11.2 16.8

Manual Integrations

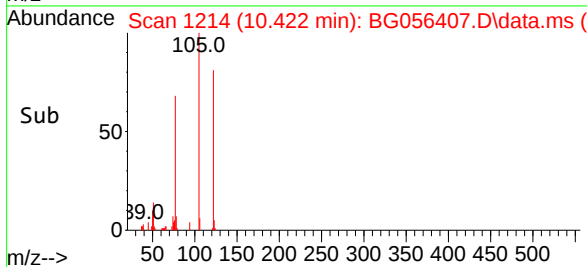
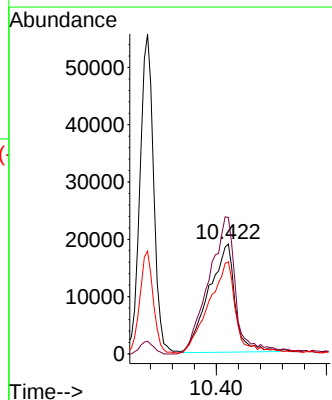
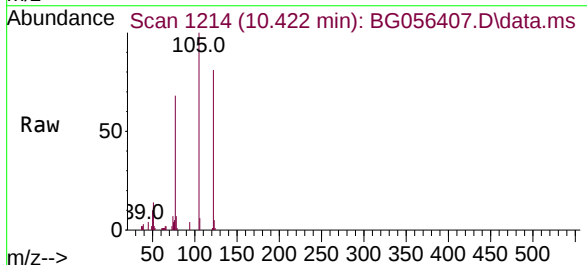
APPROVED

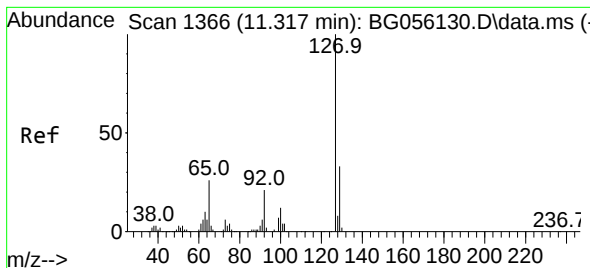
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#32
Benzoic acid
Concen: 38.815 ng
RT: 10.422 min Scan# 1214
Delta R.T. 0.013 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:122 Resp: 62729
Ion Ratio Lower Upper
122 100
105 124.1 109.0 149.0
77 83.8 63.1 103.1





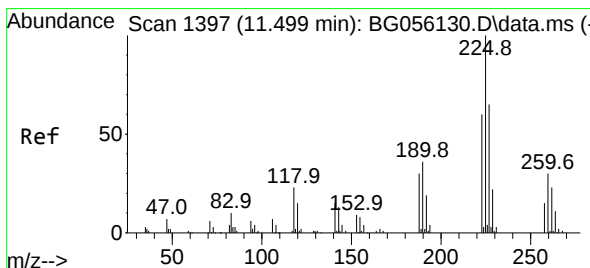
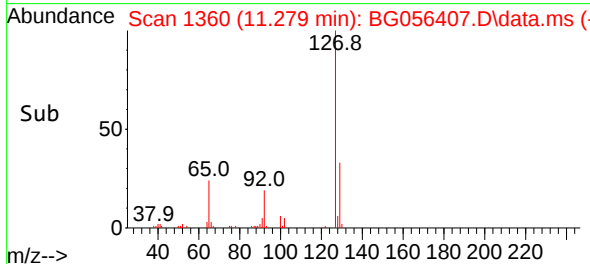
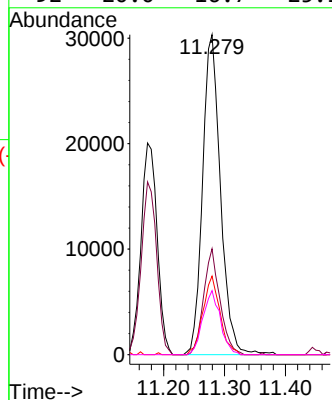
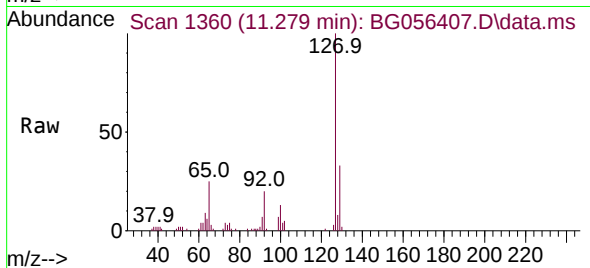
#33
4-Chloroaniline
Concen: 20.479 ng
RT: 11.279 min Scan# 1366
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tgt Ion:	127	Resp:	61993
Ion Ratio	Lower	Upper	
127	100		
129	33.1	26.1	39.1
65	24.5	20.9	31.3
92	20.0	16.7	25.1

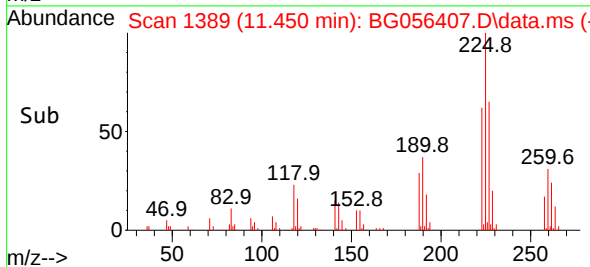
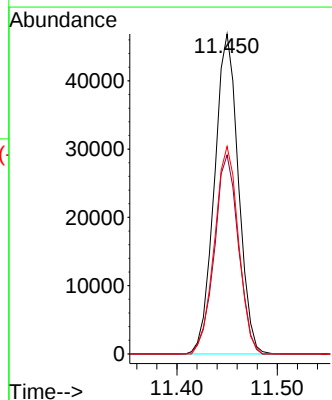
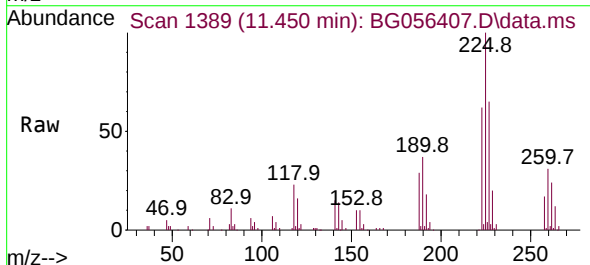
Manual Integrations
APPROVED

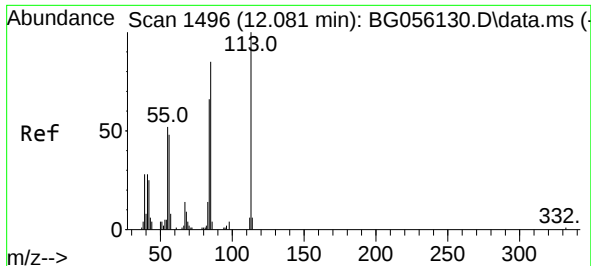
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#34
Hexachlorobutadiene
Concen: 39.476 ng
RT: 11.450 min Scan# 1389
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

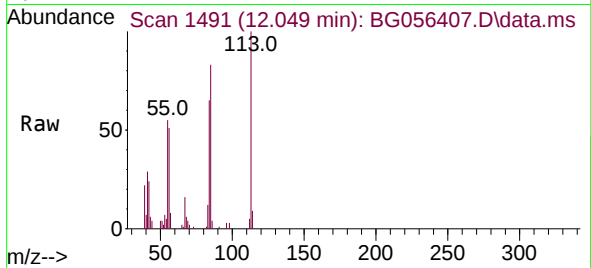
Tgt Ion:	225	Resp:	77585
Ion Ratio	Lower	Upper	
225	100		
223	62.1	47.7	71.5
227	67.6	52.3	78.5





#35
Caprolactam
Concen: 46.283 ng m
RT: 12.049 min Scan# 1496
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

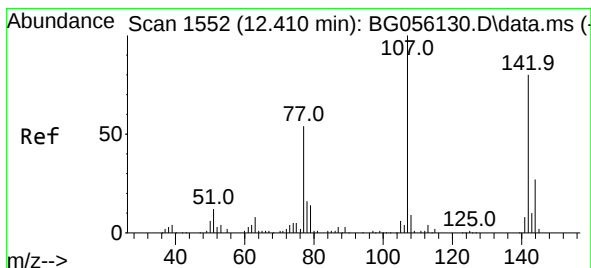
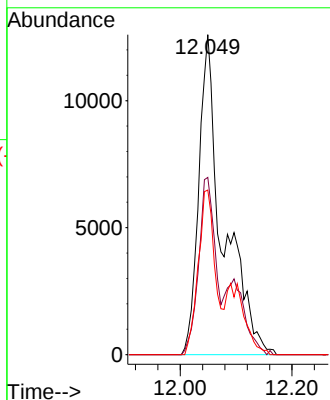
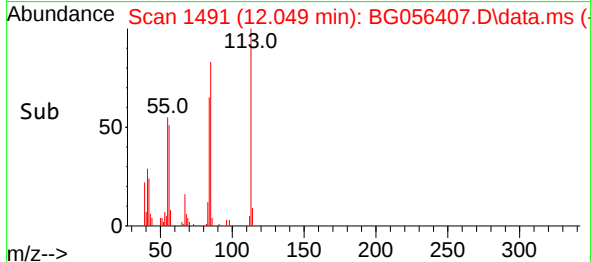
Instrument :
BNA_G
ClientSampleId :
TP-28MSD



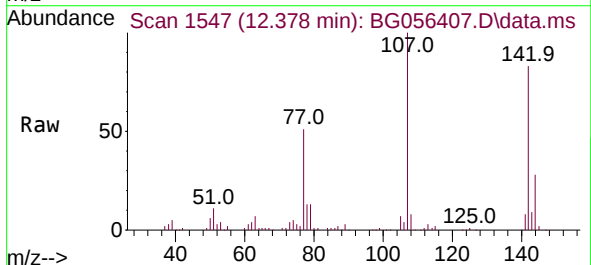
Tgt Ion:113 Resp: 37734
Ion Ratio Lower Upper
113 100
55 55.4 31.9 71.9
56 51.4 27.6 67.6

Manual Integrations
APPROVED

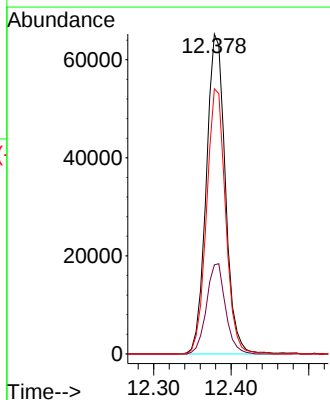
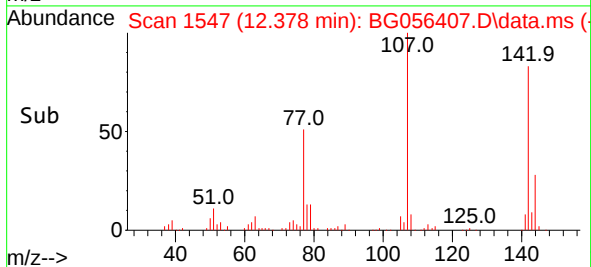
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

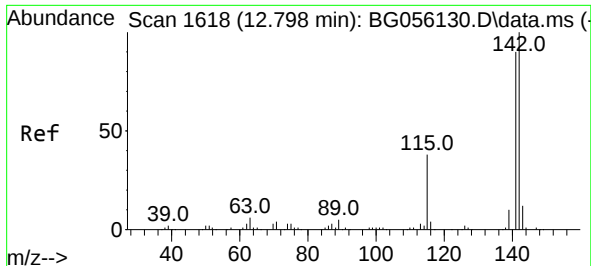


#36
4-Chloro-3-methylphenol
Concen: 45.536 ng
RT: 12.378 min Scan# 1547
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48



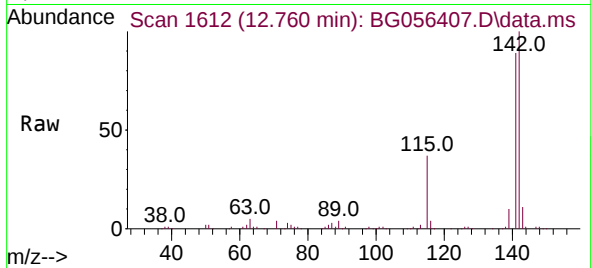
Tgt Ion:107 Resp: 111267
Ion Ratio Lower Upper
107 100
144 27.8 21.5 32.3
142 82.8 63.8 95.6





#37
2-Methylnaphthalene
Concen: 40.298 ng
RT: 12.760 min Scan# 1612
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

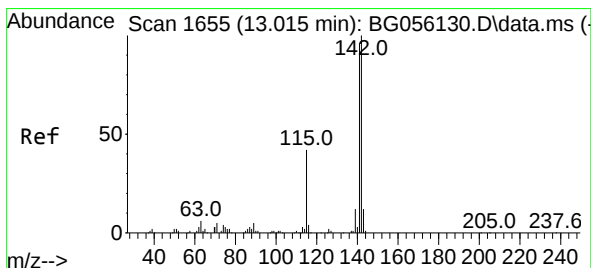
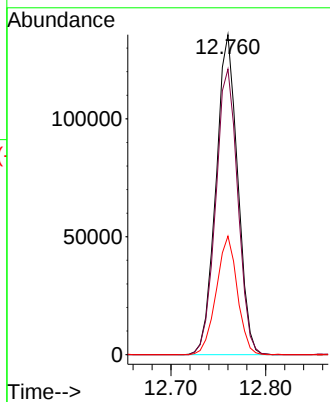
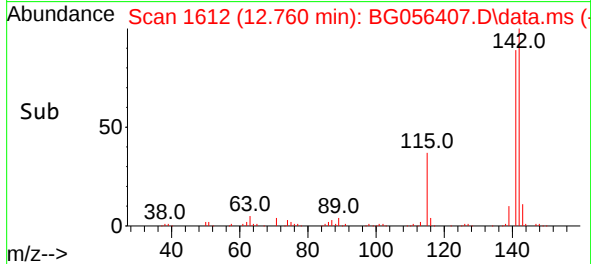
Instrument :
BNA_G
ClientSampleId :
TP-28MSD



Tgt Ion:142 Resp: 215736
Ion Ratio Lower Upper
142 100
141 89.2 72.2 108.4
115 37.0 30.7 46.1

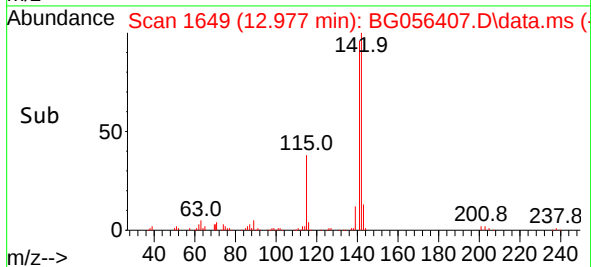
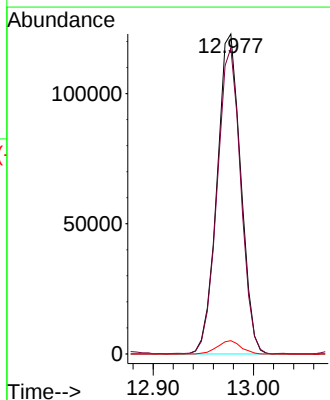
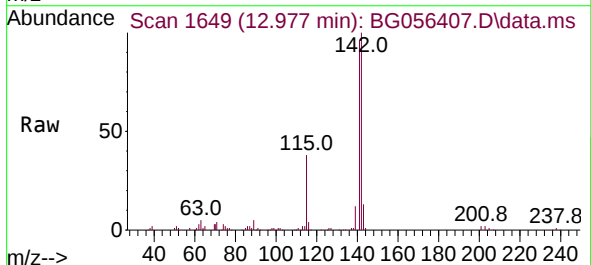
Manual Integrations
APPROVED

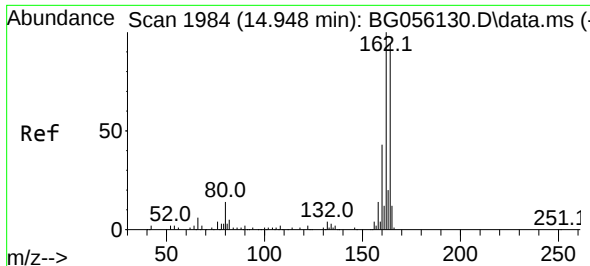
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#38
1-Methylnaphthalene
Concen: 40.642 ng
RT: 12.977 min Scan# 1649
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

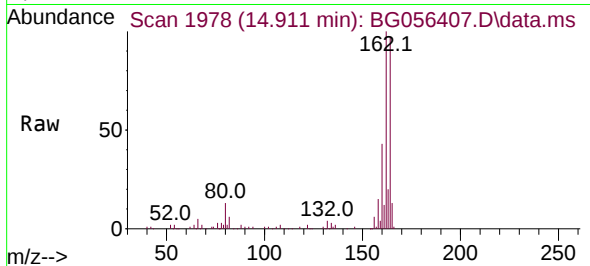
Tgt Ion:142 Resp: 202047
Ion Ratio Lower Upper
142 100
141 95.6 77.0 115.6
116 4.1 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.911 min Scan# 1984
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

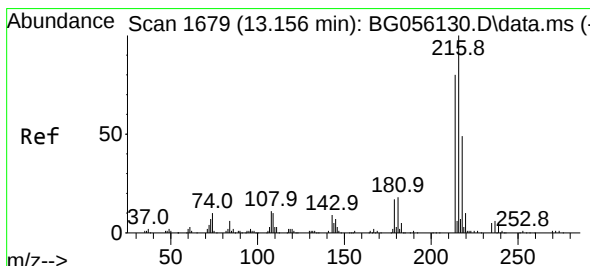
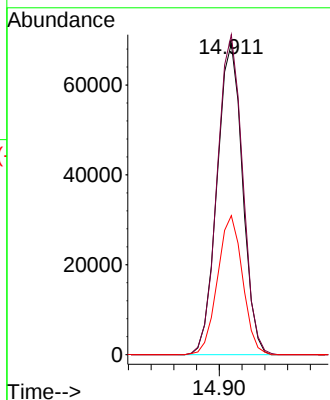
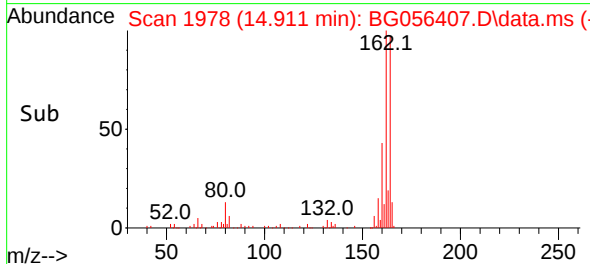
Instrument :
BNA_G
ClientSampleId :
TP-28MSD



Tgt Ion:164 Resp: 107514
Ion Ratio Lower Upper
164 100
162 102.9 84.7 127.1
160 44.7 36.3 54.5

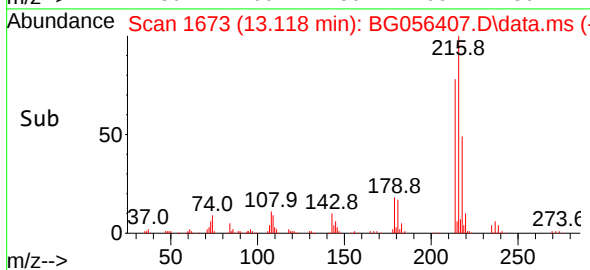
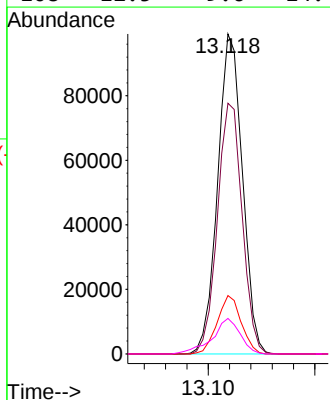
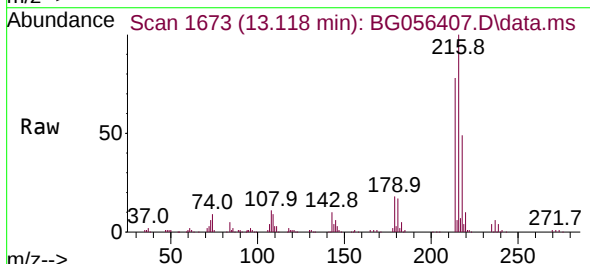
Manual Integrations
APPROVED

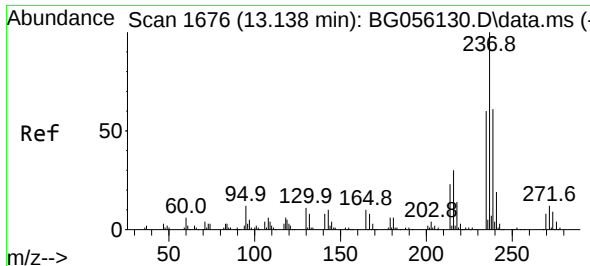
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.635 ng
RT: 13.118 min Scan# 1673
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

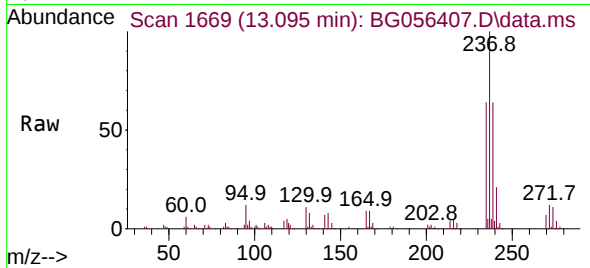
Tgt Ion:216 Resp: 159713
Ion Ratio Lower Upper
216 100
214 78.3 63.4 95.0
179 17.7 13.6 20.4
108 12.5 9.6 14.4





#41
Hexachlorocyclopentadiene
Concen: 71.777 ng
RT: 13.095 min Scan# 1669
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

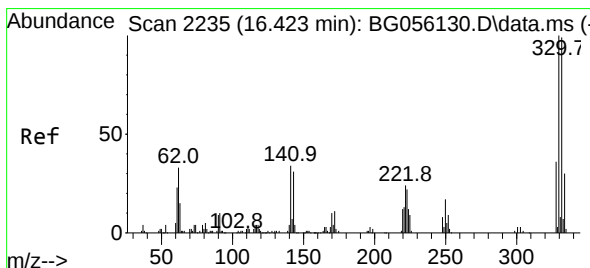
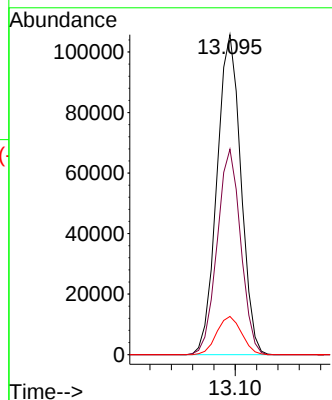
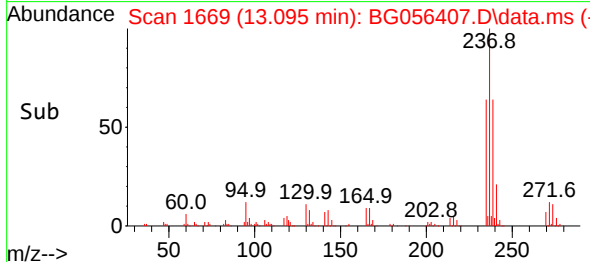
Instrument :
BNA_G
ClientSampleId :
TP-28MSD



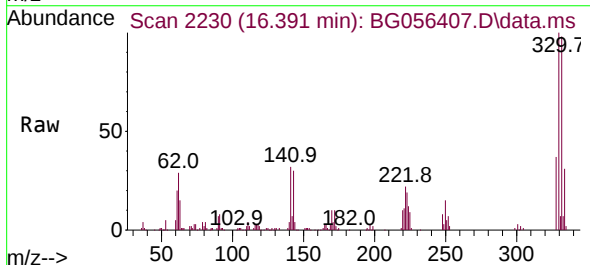
Tgt Ion:237 Resp: 164898
Ion Ratio Lower Upper
237 100
235 64.2 40.3 80.3
272 11.9 0.0 32.5

Manual Integrations
APPROVED

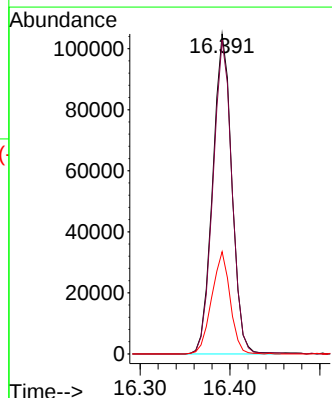
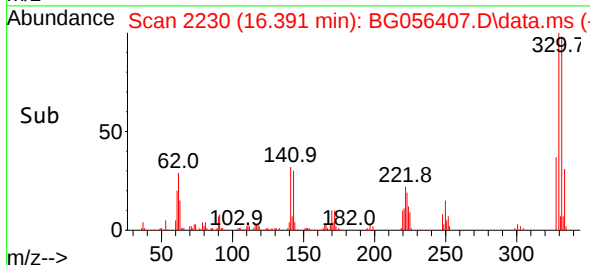
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

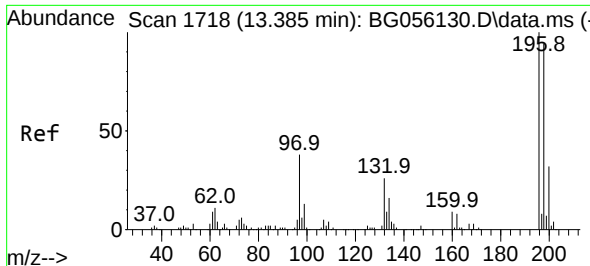


#42
2,4,6-Tribromophenol
Concen: 114.207 ng
RT: 16.391 min Scan# 2230
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48



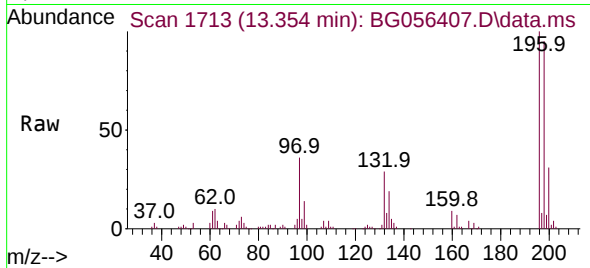
Tgt Ion:330 Resp: 155509
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 30.6 27.9 41.9





#43
2,4,6-Trichlorophenol
Concen: 43.870 ng
RT: 13.354 min Scan# 1713
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

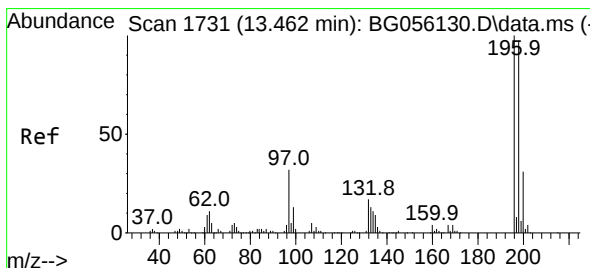
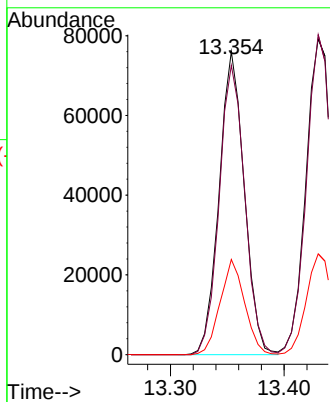
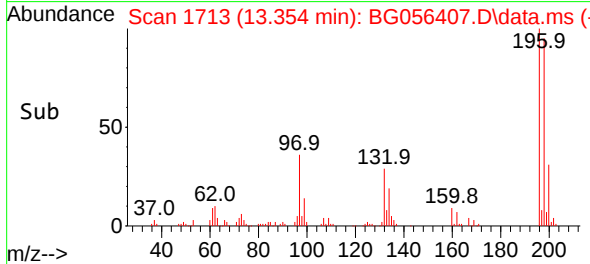
Instrument :
BNA_G
ClientSampleId :
TP-28MSD



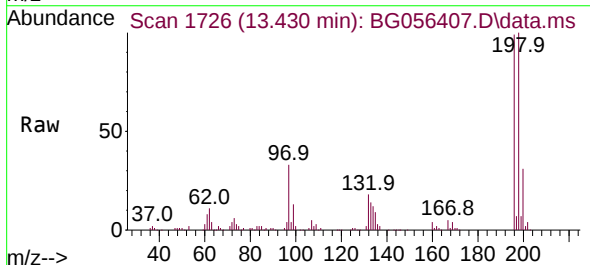
Tgt Ion:196 Resp: 116894
Ion Ratio Lower Upper
196 100
198 95.4 75.5 113.3
200 31.4 25.7 38.5

Manual Integrations
APPROVED

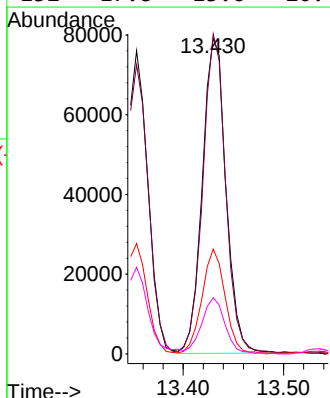
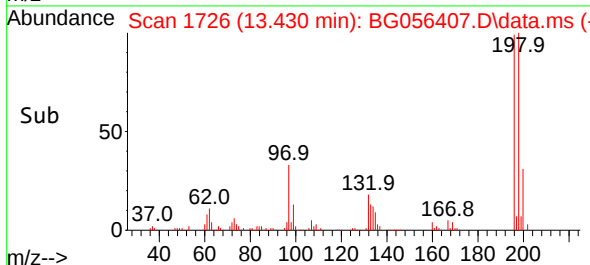
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

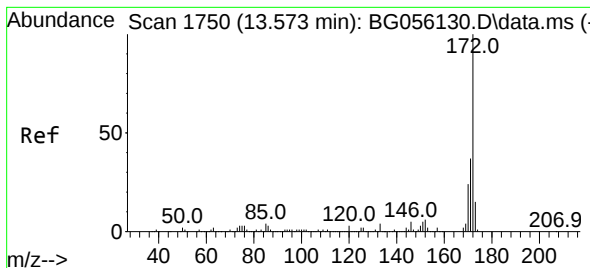


#44
2,4,5-Trichlorophenol
Concen: 41.065 ng
RT: 13.430 min Scan# 1726
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48



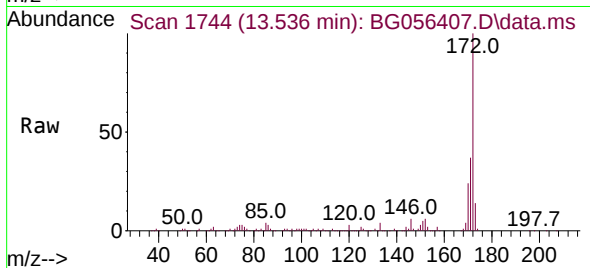
Tgt Ion:196 Resp: 129436
Ion Ratio Lower Upper
196 100
198 101.4 78.0 117.0
97 33.1 25.7 38.5
132 17.8 13.6 20.4





#45
2-Fluorobiphenyl
Concen: 61.921 ng
RT: 13.536 min Scan# 1744
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

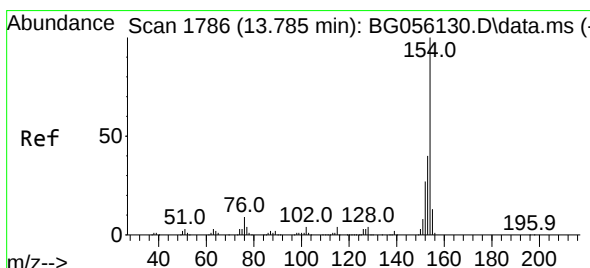
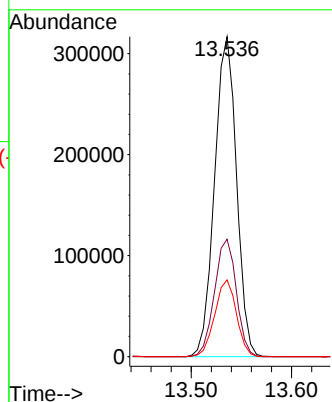
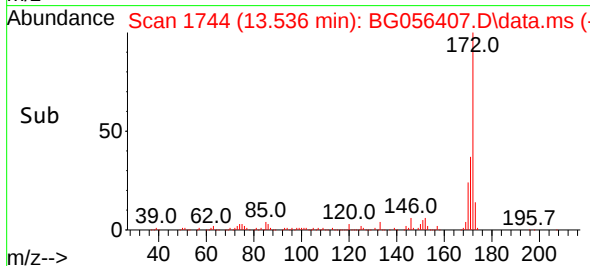
Instrument :
BNA_G
ClientSampleId :
TP-28MSD



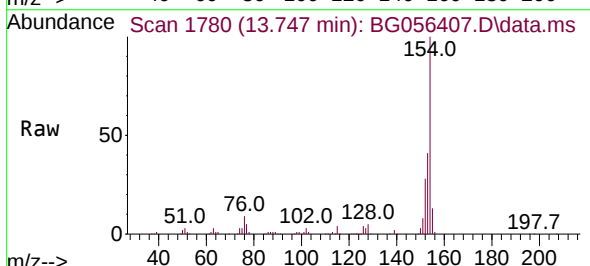
Tgt Ion:172 Resp: 482105
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.0 19.4 29.2

Manual Integrations
APPROVED

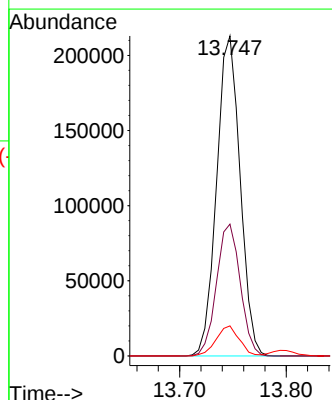
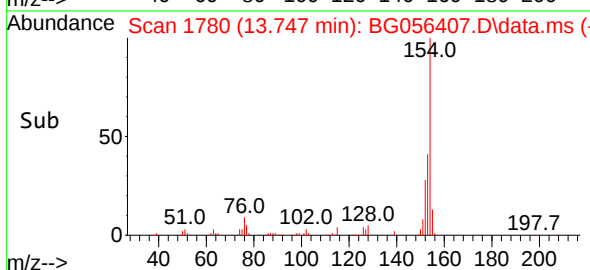
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

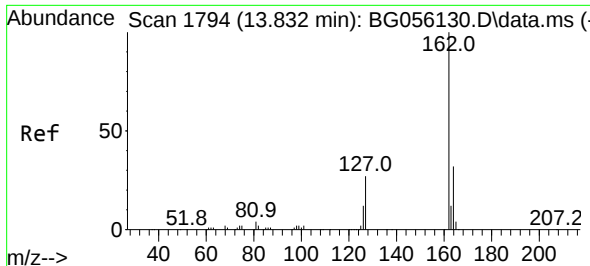


#46
1,1'-Biphenyl
Concen: 42.362 ng
RT: 13.747 min Scan# 1780
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48



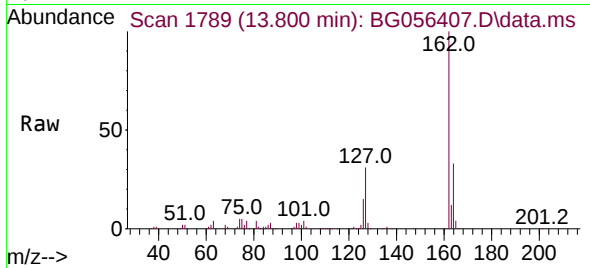
Tgt Ion:154 Resp: 326182
Ion Ratio Lower Upper
154 100
153 41.2 20.0 60.0
76 9.4 0.0 29.3





#47
2-Chloronaphthalene
Concen: 43.180 ng
RT: 13.800 min Scan# 1794
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

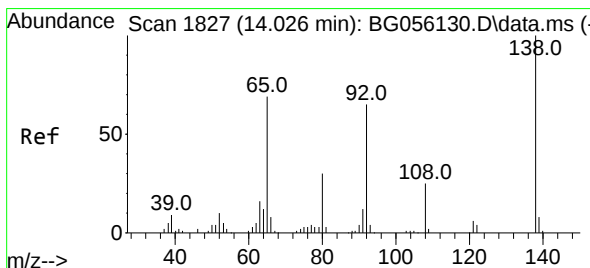
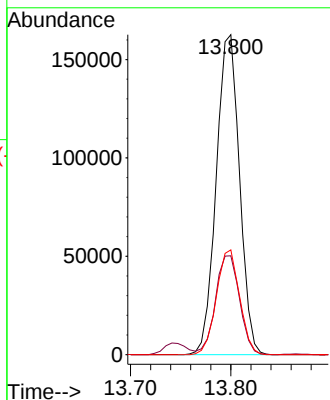
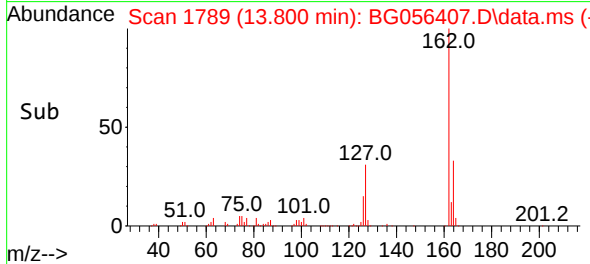
Instrument :
BNA_G
ClientSampleId :
TP-28MSD



Tgt Ion:162 Resp: 262427
Ion Ratio Lower Upper
162 100
127 30.9 24.6 36.8
164 32.7 25.8 38.8

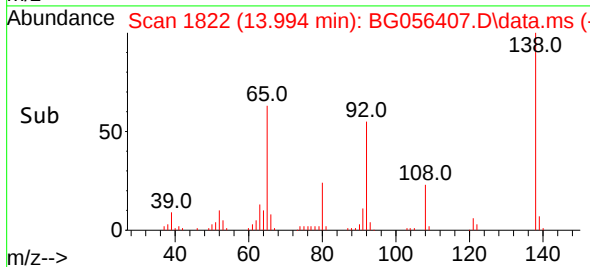
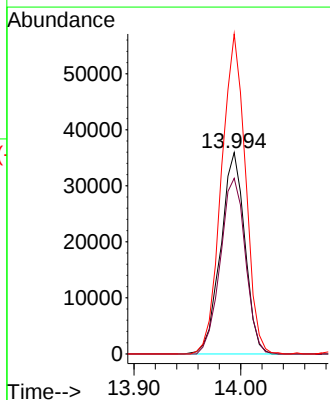
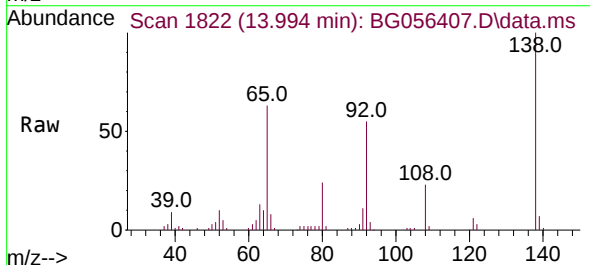
Manual Integrations
APPROVED

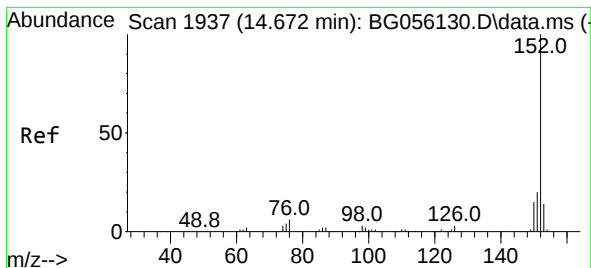
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#48
2-Nitroaniline
Concen: 43.573 ng
RT: 13.994 min Scan# 1822
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion: 65 Resp: 56423
Ion Ratio Lower Upper
65 100
92 87.2 76.0 114.0
138 158.9 116.6 174.8





#49

Acenaphthylene

Concen: 42.822 ng

RT: 14.634 min Scan# 1931

Delta R.T. -0.010 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

Instrument :

BNA_G

ClientSampleId :

TP-28MSD

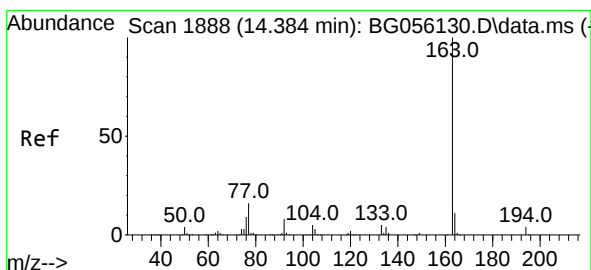
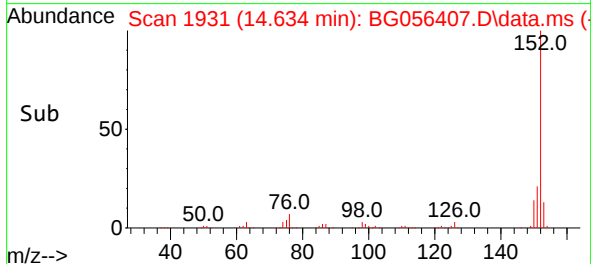
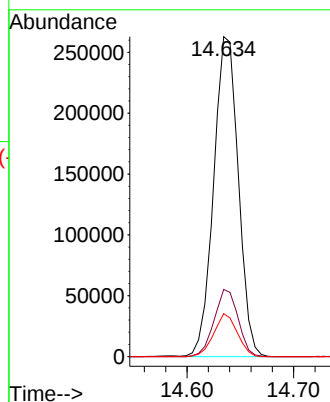
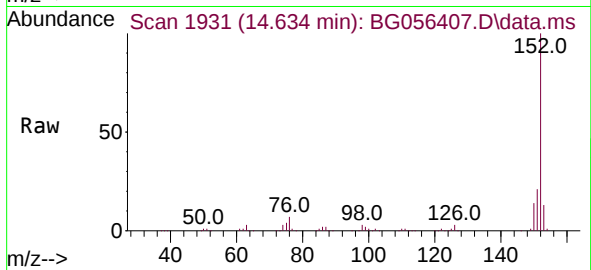
Tgt Ion:152 Resp: 423516

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.0	24.0
153	13.4	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#50

Dimethylphthalate

Concen: 42.136 ng

RT: 14.346 min Scan# 1882

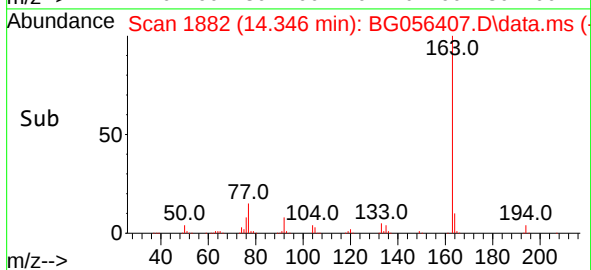
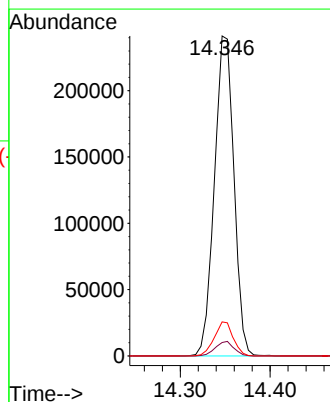
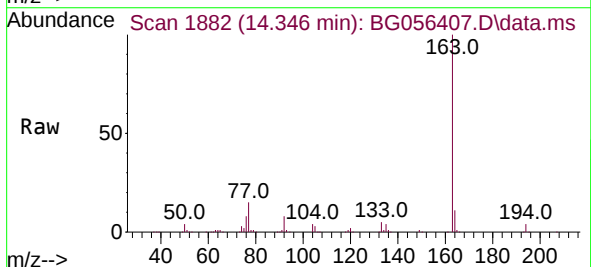
Delta R.T. -0.004 min

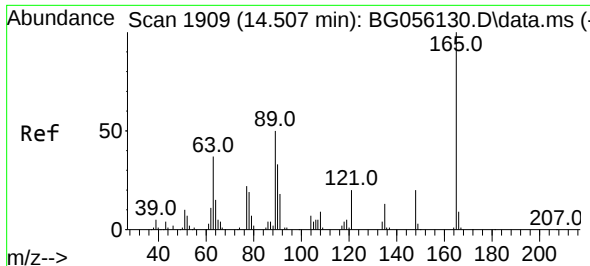
Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

Tgt Ion:163 Resp: 365703

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.6	8.7	13.1





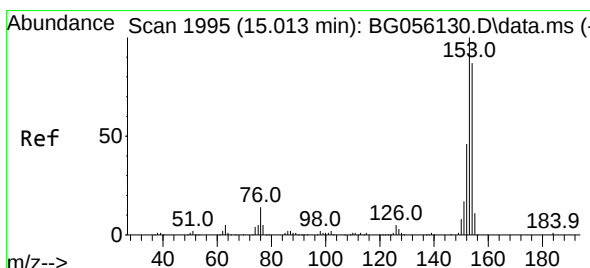
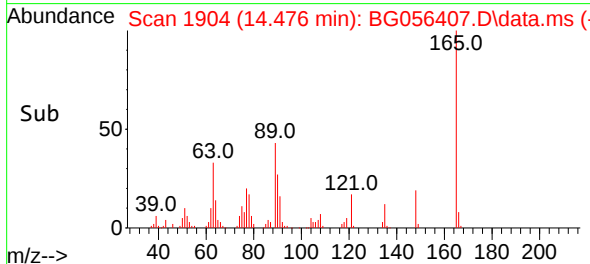
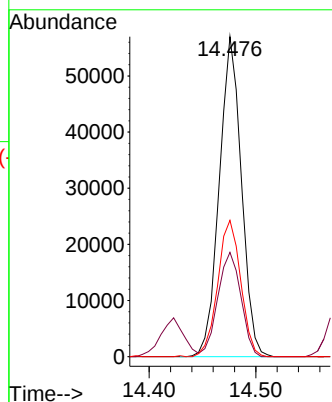
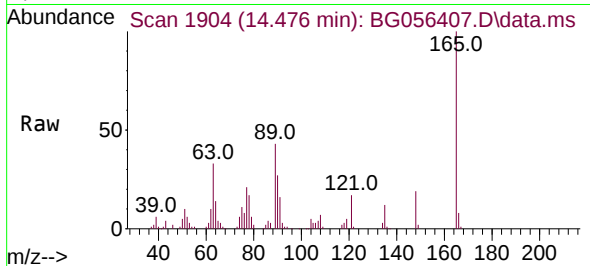
#51
2,6-Dinitrotoluene
Concen: 44.433 ng
RT: 14.476 min Scan# 1909
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tgt Ion:165 Resp: 82173
Ion Ratio Lower Upper
165 100
63 32.6 32.2 48.2
89 42.6 39.8 59.8

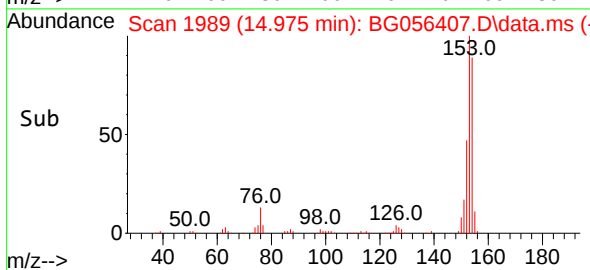
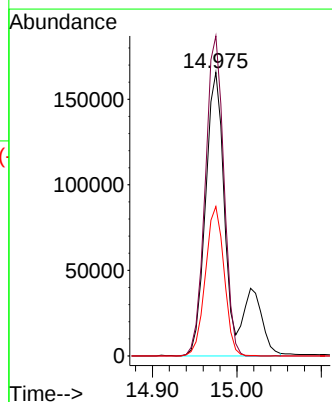
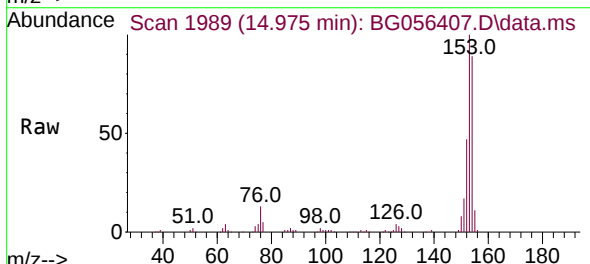
Manual Integrations
APPROVED

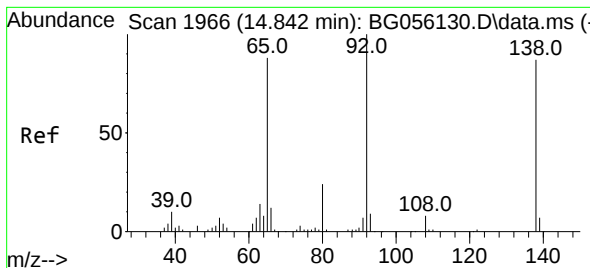
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#52
Acenaphthene
Concen: 48.654 ng m
RT: 14.975 min Scan# 1989
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

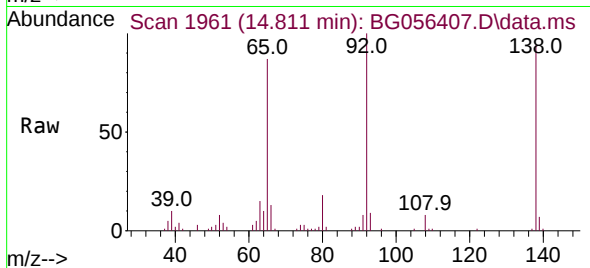
Tgt Ion:154 Resp: 312966
Ion Ratio Lower Upper
154 100
153 112.9 92.0 138.0
152 52.7 42.5 63.7





#53
3-Nitroaniline
Concen: 24.463 ng
RT: 14.811 min Scan# 1961
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

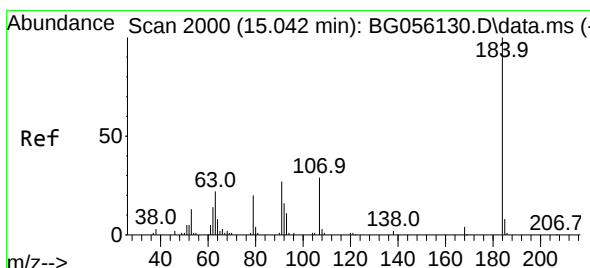
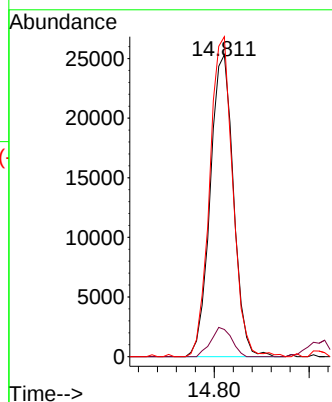
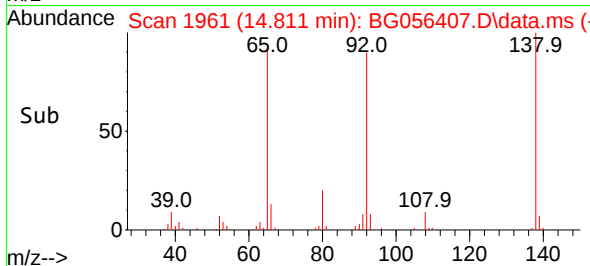
Instrument :
BNA_G
ClientSampleId :
TP-28MSD



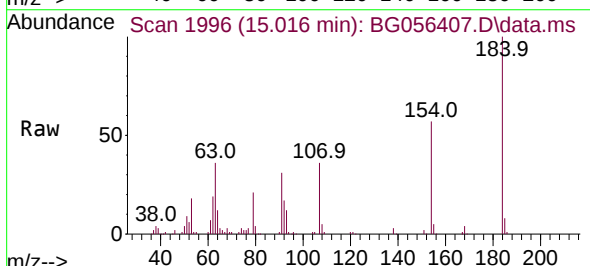
Tgt Ion:138 Resp: 43052
Ion Ratio Lower Upper
138 100
108 9.0 7.6 11.4
92 106.0 91.7 137.5

Manual Integrations
APPROVED

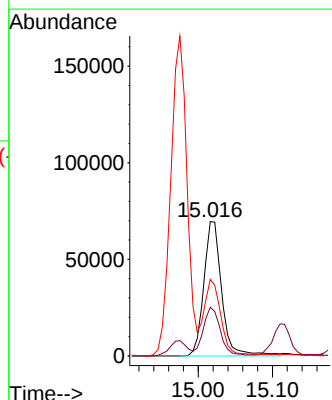
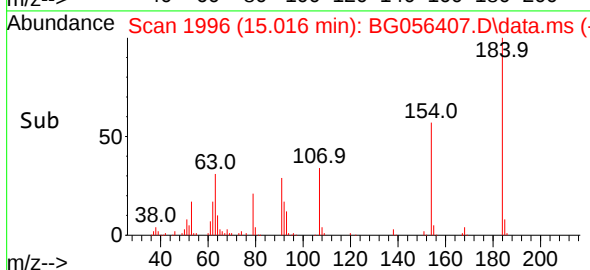
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

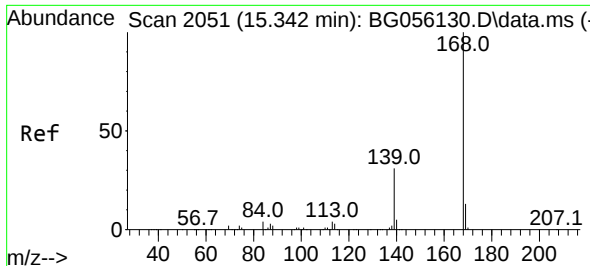


#54
2,4-Dinitrophenol
Concen: 88.411 ng
RT: 15.016 min Scan# 1996
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48



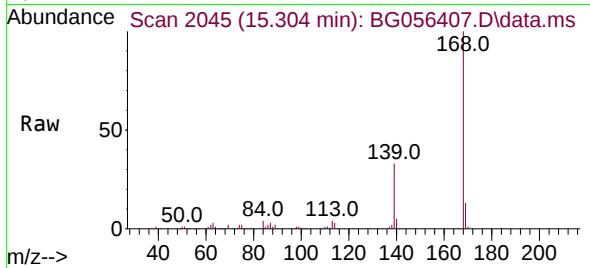
Tgt Ion:184 Resp: 116807
Ion Ratio Lower Upper
184 100
63 36.2 24.0 36.0#
154 56.9 45.4 68.0





#55
Dibenzenofuran
Concen: 41.949 ng
RT: 15.304 min Scan# 2051
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

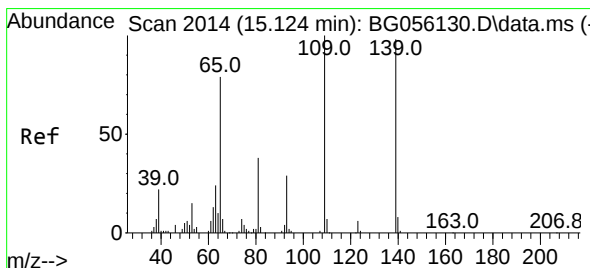
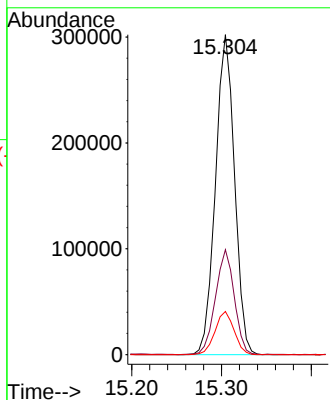
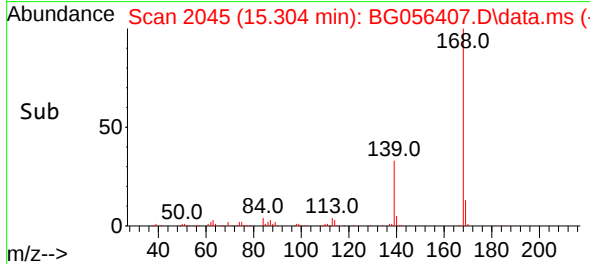
Instrument :
BNA_G
ClientSampleId :
TP-28MSD



Tgt Ion:168 Resp: 446527
Ion Ratio Lower Upper
168 100
139 32.8 24.7 37.1
169 13.5 10.3 15.5

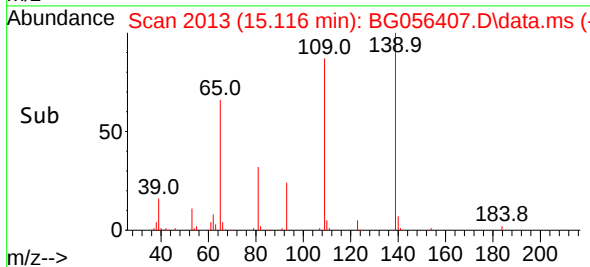
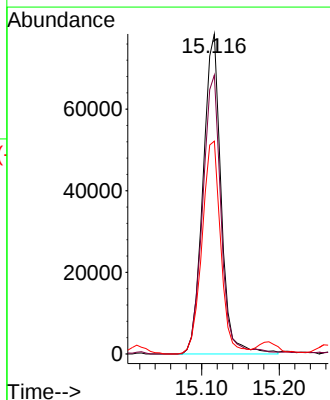
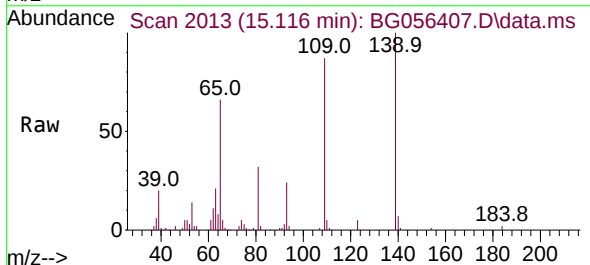
Manual Integrations
APPROVED

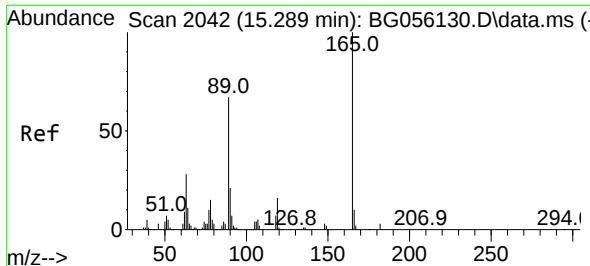
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#56
4-Nitrophenol
Concen: 93.418 ng
RT: 15.116 min Scan# 2013
Delta R.T. 0.002 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:139 Resp: 126456
Ion Ratio Lower Upper
139 100
109 87.1 82.2 122.2
65 66.5 60.6 100.6





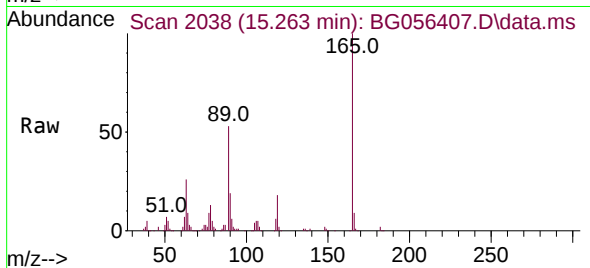
#57
2,4-Dinitrotoluene
Concen: 46.229 ng
RT: 15.263 min Scan# 2042
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Instrument :

BNA_G

ClientSampleId :

TP-28MSD

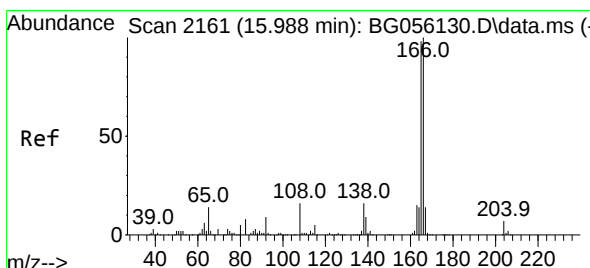
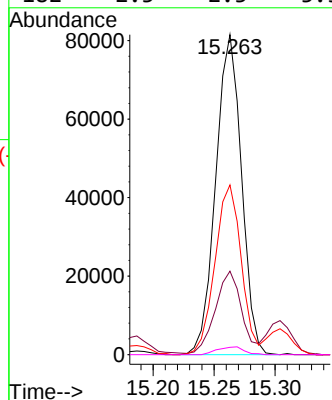
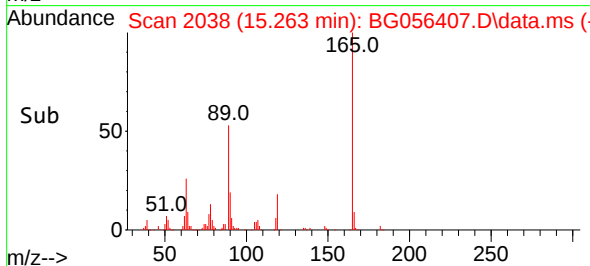


Tgt Ion:165 Resp: 119565
Ion Ratio Lower Upper
165 100
63 26.1 22.6 34.0
89 53.0 53.2 79.8
182 2.3 2.3 3.5#

Manual Integrations

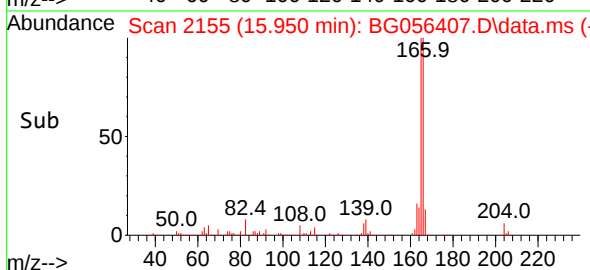
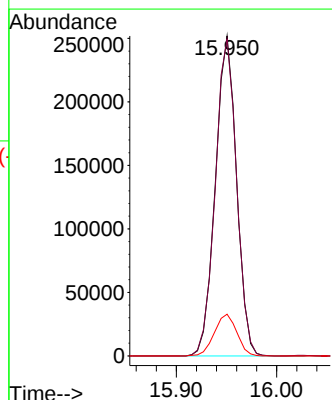
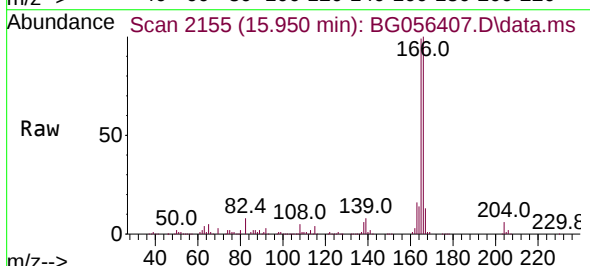
APPROVED

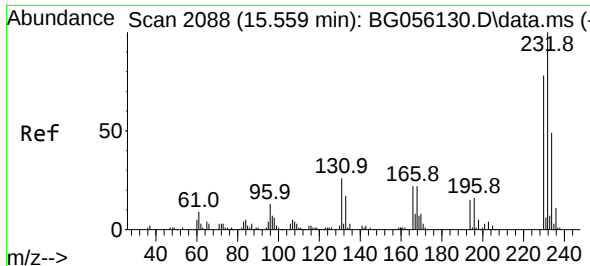
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#58
Fluorene
Concen: 43.079 ng
RT: 15.950 min Scan# 2155
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

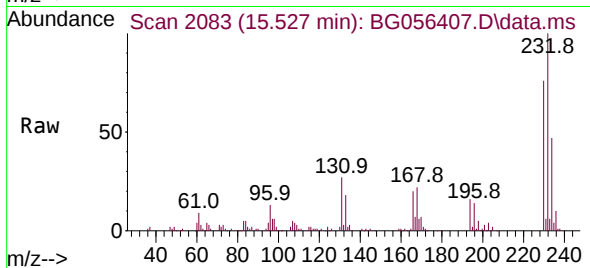
Tgt Ion:166 Resp: 368824
Ion Ratio Lower Upper
166 100
165 99.0 78.6 118.0
167 13.0 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.392 ng
RT: 15.527 min Scan# 2083
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

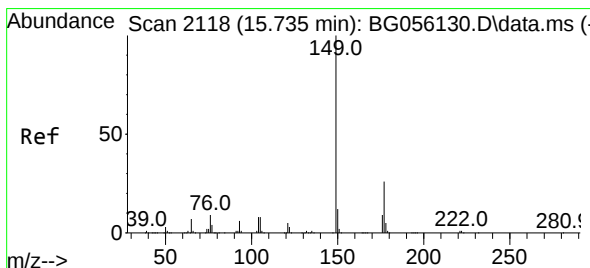
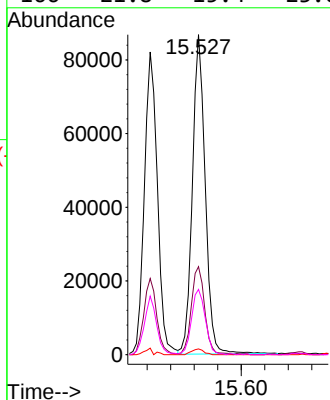
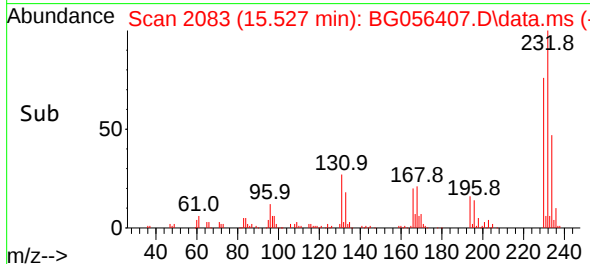
Instrument :
BNA_G
ClientSampleId :
TP-28MSD



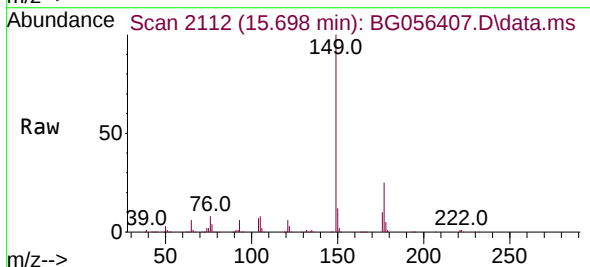
Tgt Ion:232 Resp: 131379
Ion Ratio Lower Upper
232 100
131 28.5 21.4 32.2
130 1.6 1.4 2.0
166 21.8 15.4 23.0

Manual Integrations
APPROVED

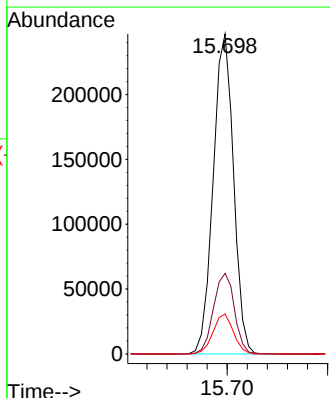
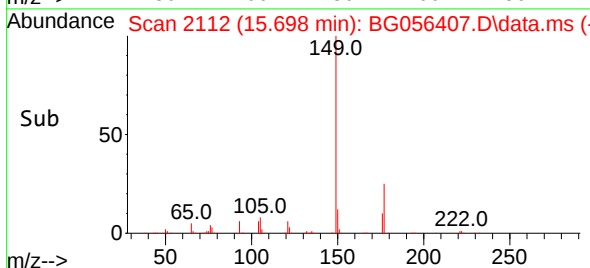
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

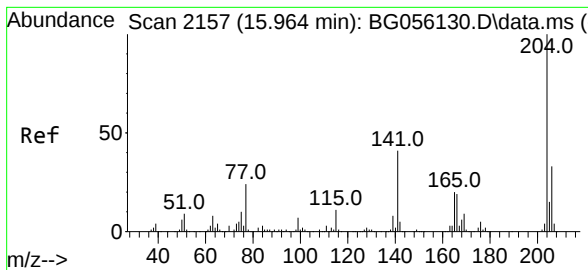


#60
Diethylphthalate
Concen: 42.654 ng
RT: 15.698 min Scan# 2112
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48



Tgt Ion:149 Resp: 347180
Ion Ratio Lower Upper
149 100
177 25.2 20.6 31.0
150 12.5 9.9 14.9





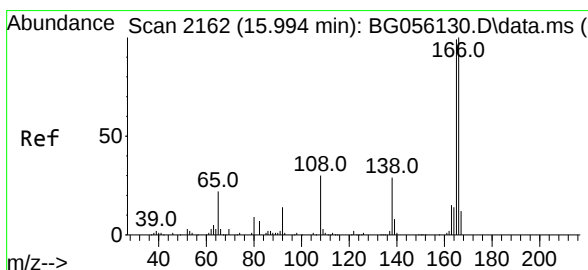
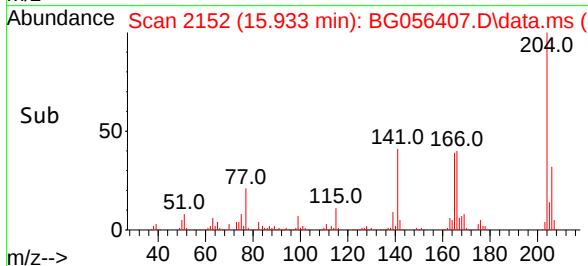
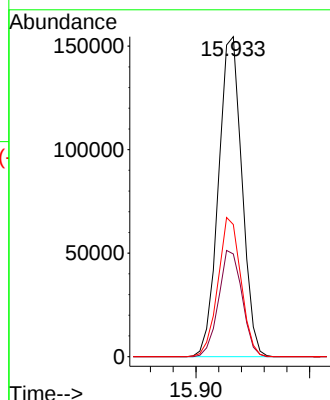
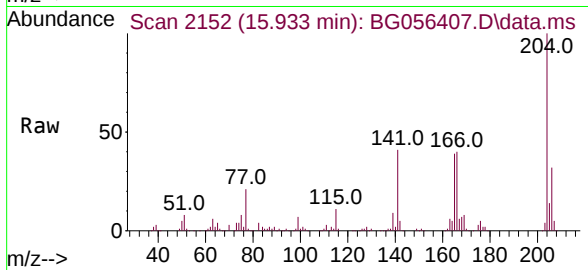
#61
4-Chlorophenyl-phenylether
Concen: 41.409 ng
RT: 15.933 min Scan# 2157
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tgt Ion:204 Resp: 221246
Ion Ratio Lower Upper
204 100
206 32.1 26.4 39.6
141 41.3 33.0 49.4

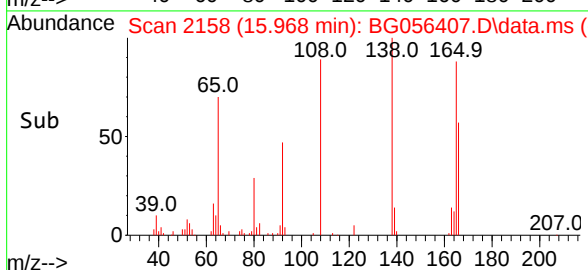
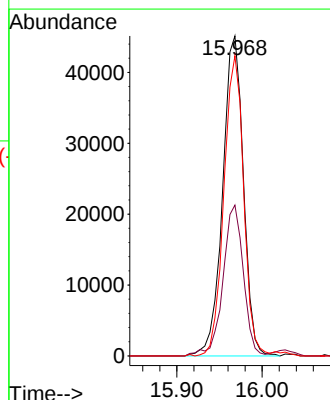
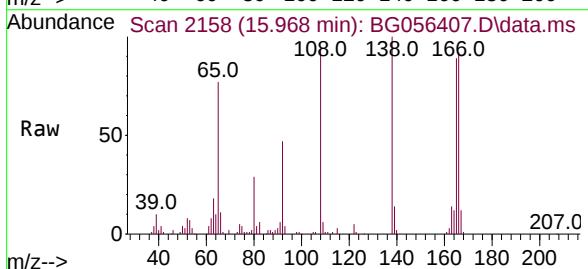
Manual Integrations
APPROVED

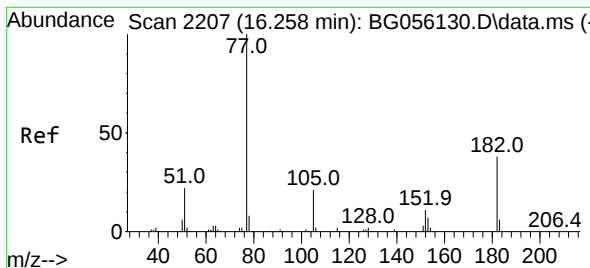
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#62
4-Nitroaniline
Concen: 42.269 ng
RT: 15.968 min Scan# 2158
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:138 Resp: 76208
Ion Ratio Lower Upper
138 100
92 47.1 28.6 68.6
108 93.8 83.4 123.4





#63

Azobenzene

Concen: 40.591 ng

RT: 16.227 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG056407.D

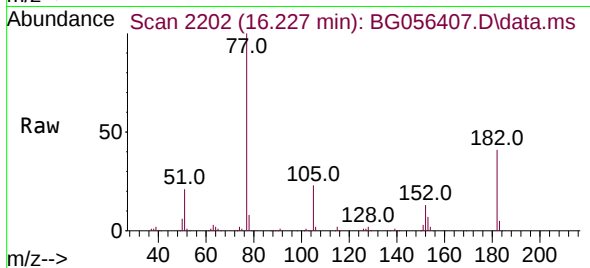
Acq: 24 Jan 2023 17:48

Instrument :

BNA_G

ClientSampleId :

TP-28MSD



Tgt Ion: 77 Resp: 25495

Ion Ratio Lower Upper

77 100

182 41.0 18.5 58.5

105 23.2 1.4 41.4

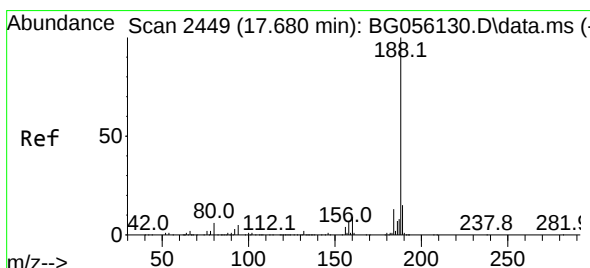
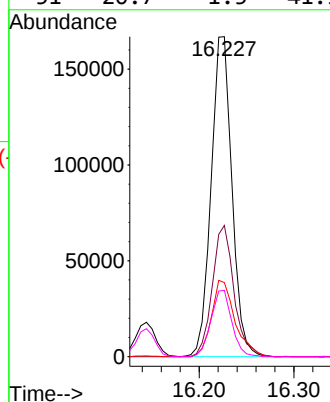
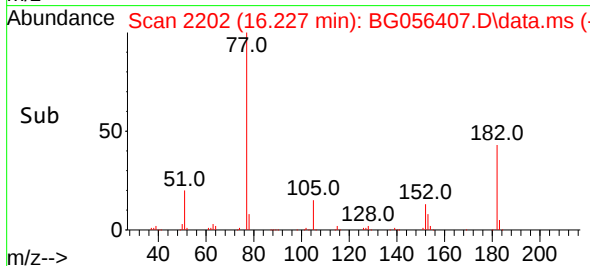
51 20.7 1.5 41.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.643 min Scan# 2443

Delta R.T. -0.010 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

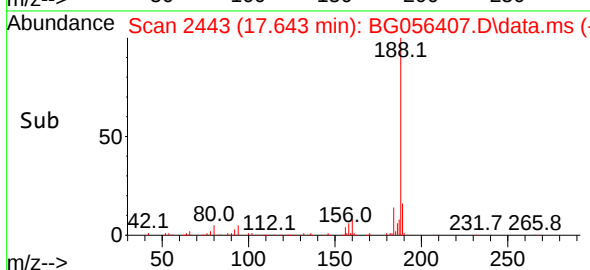
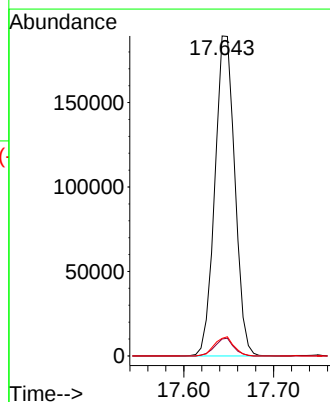
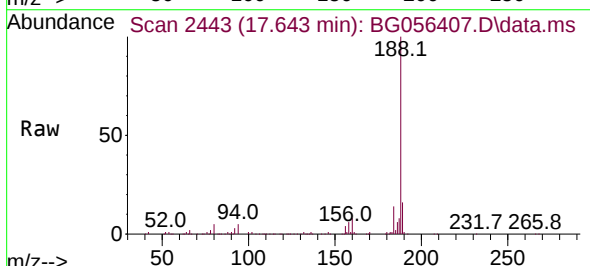
Tgt Ion:188 Resp: 293022

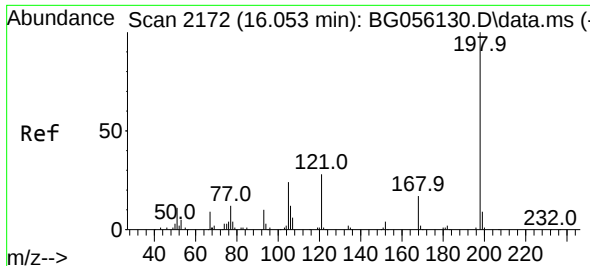
Ion Ratio Lower Upper

188 100

94 5.3 4.2 6.2

80 5.5 5.0 7.4





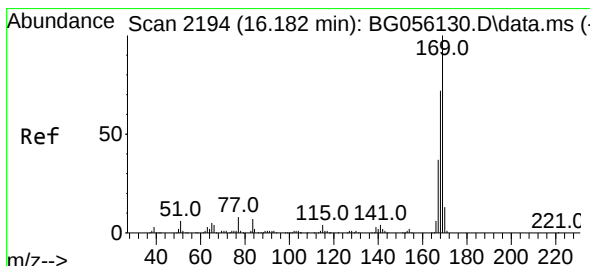
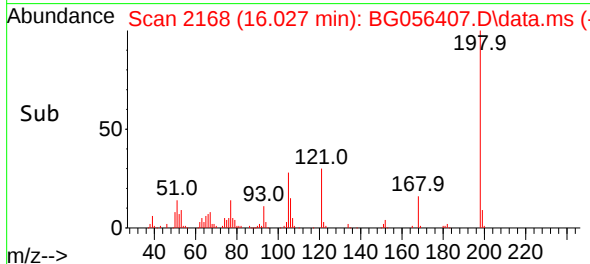
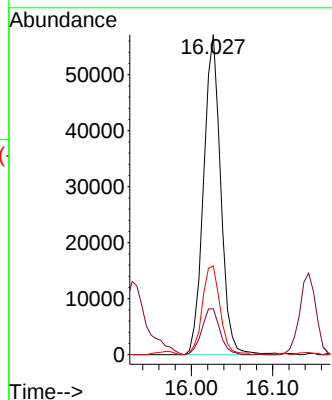
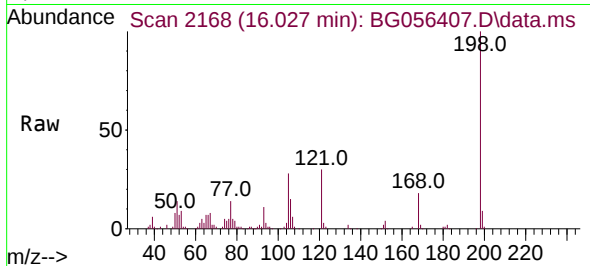
#65
4,6-Dinitro-2-methylphenol
Concen: 42.339 ng
RT: 16.027 min Scan# 2172
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tgt Ion:198 Resp: 83586
Ion Ratio Lower Upper
198 100
51 14.3 0.0 33.2
105 27.7 4.9 44.9

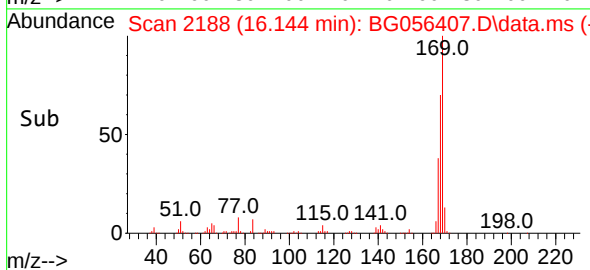
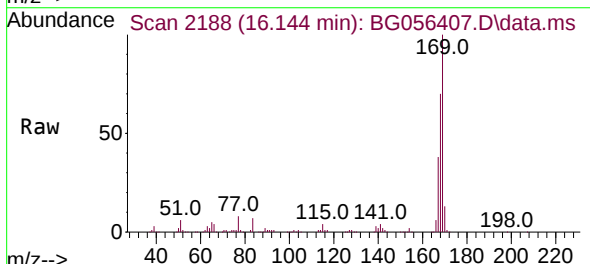
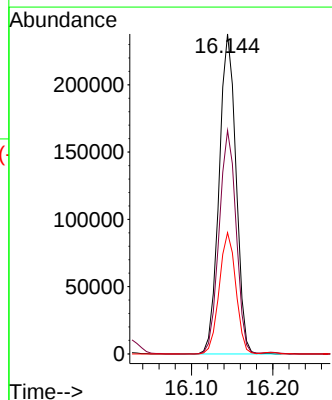
Manual Integrations
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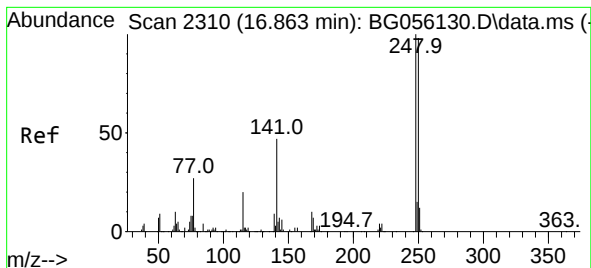
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#66
n-Nitrosodiphenylamine
Concen: 42.157 ng
RT: 16.144 min Scan# 2188
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

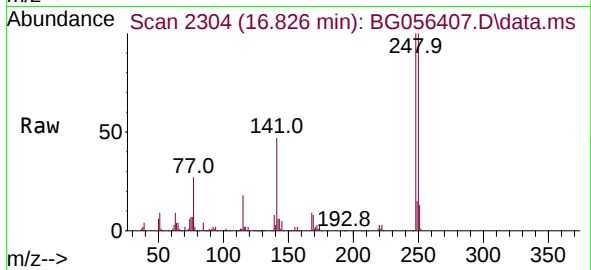
Tgt Ion:169 Resp: 342738
Ion Ratio Lower Upper
169 100
168 69.8 58.0 87.0
167 37.9 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 41.770 ng
RT: 16.826 min Scan# 2310
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

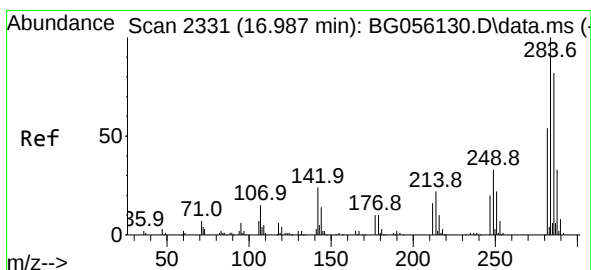
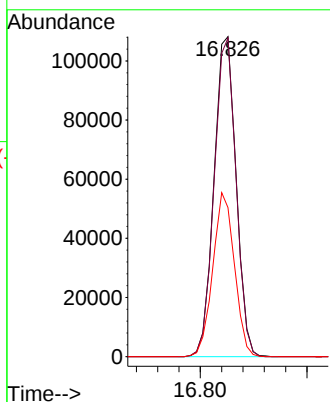
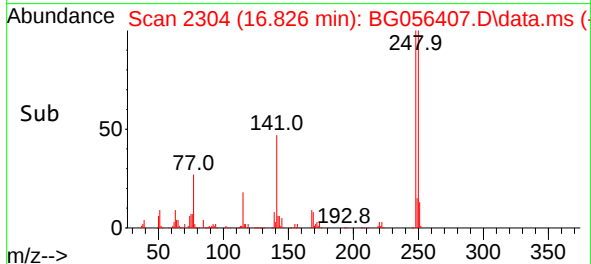
Instrument :
BNA_G
ClientSampleId :
TP-28MSD



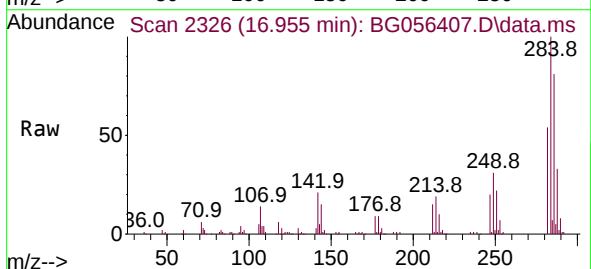
Tgt Ion:248 Resp: 155852
Ion Ratio Lower Upper
248 100
250 99.6 78.2 117.4
141 46.6 37.6 56.4

Manual Integrations
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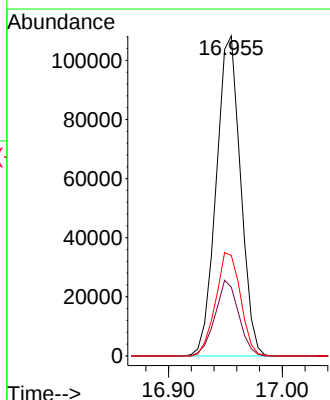
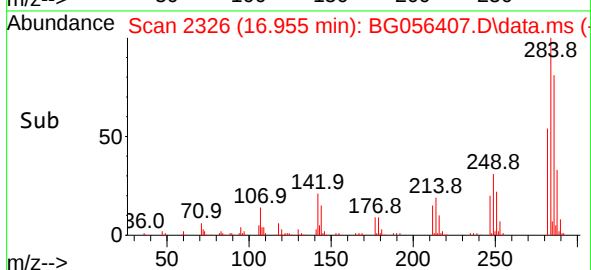
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

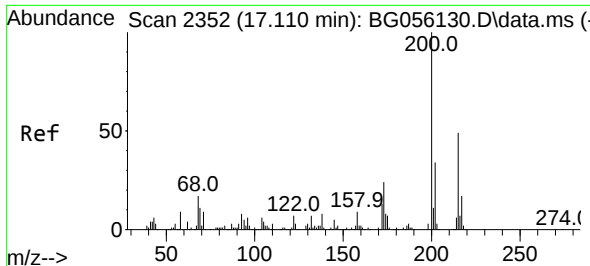


#68
Hexachlorobenzene
Concen: 46.160 ng
RT: 16.955 min Scan# 2326
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48



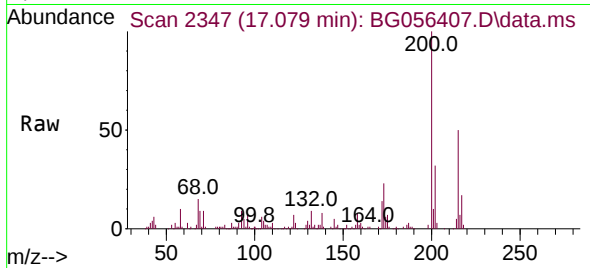
Tgt Ion:284 Resp: 160696
Ion Ratio Lower Upper
284 100
142 21.5 19.0 28.6
249 31.4 26.6 39.8





#69
 Atrazine
 Concen: 44.965 ng
 RT: 17.079 min Scan# 2347
 Delta R.T. -0.004 min
 Lab File: BG056407.D
 Acq: 24 Jan 2023 17:48

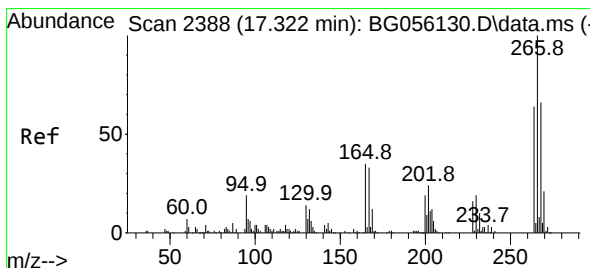
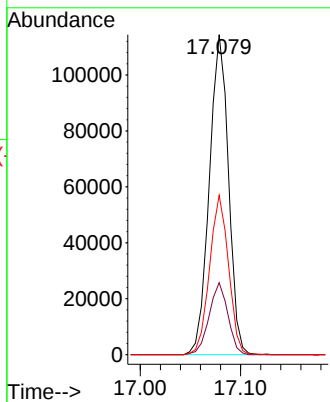
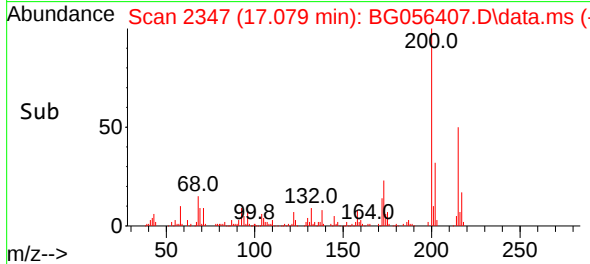
Instrument :
 BNA_G
 ClientSampleId :
 TP-28MSD



Tgt Ion:200 Resp: 151504
 Ion Ratio Lower Upper
 200 100
 173 22.5 4.0 44.0
 215 49.8 29.1 69.1

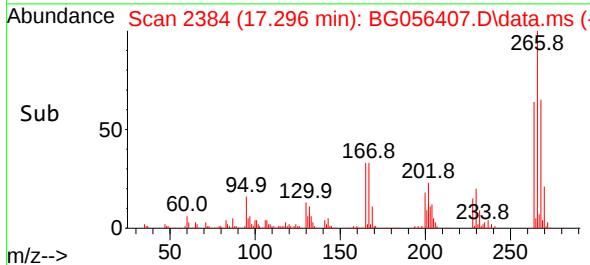
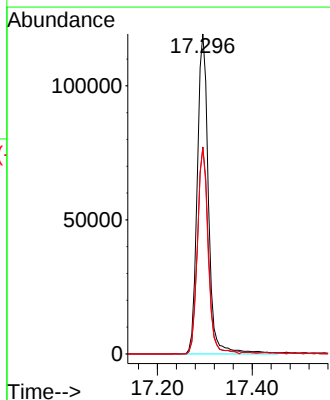
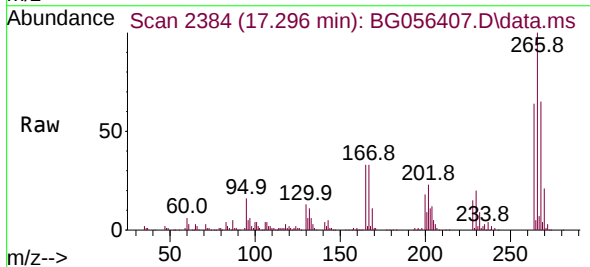
Manual Integrations
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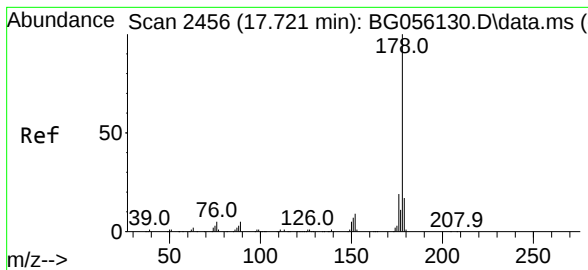
Reviewed By :Christian Giraldo 01/25/2023
 Supervised By :Jagrut Upadhyay 01/25/2023



#70
 Pentachlorophenol
 Concen: 72.986 ng
 RT: 17.296 min Scan# 2384
 Delta R.T. -0.004 min
 Lab File: BG056407.D
 Acq: 24 Jan 2023 17:48

Tgt Ion:266 Resp: 195178
 Ion Ratio Lower Upper
 266 100
 268 64.7 53.0 79.4
 264 64.4 51.4 77.2





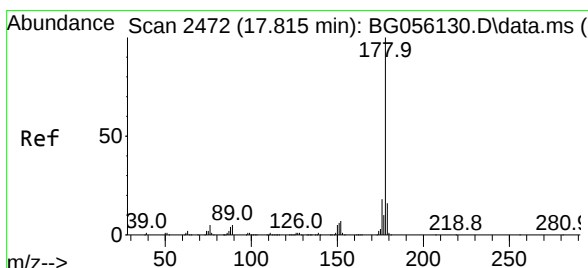
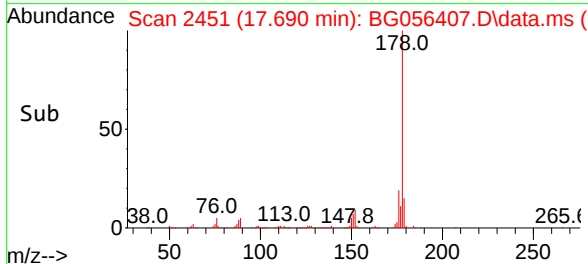
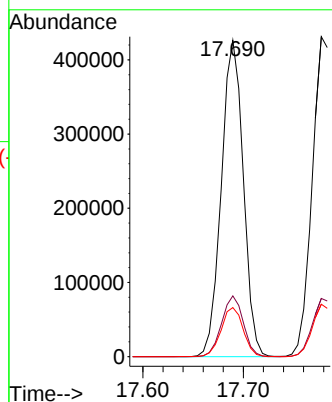
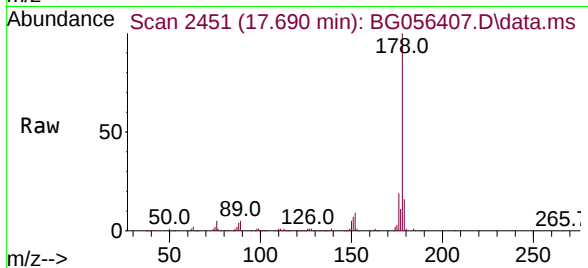
#71
Phenanthrene
Concen: 42.759 ng
RT: 17.690 min Scan# 2456
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tgt Ion:178 Resp: 649306
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 13.6 20.4

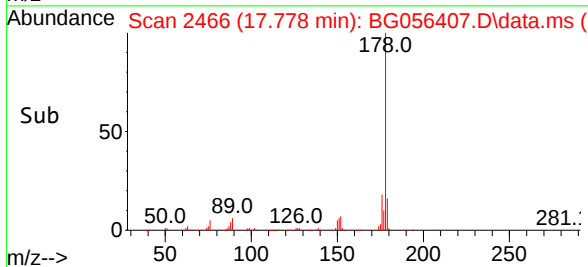
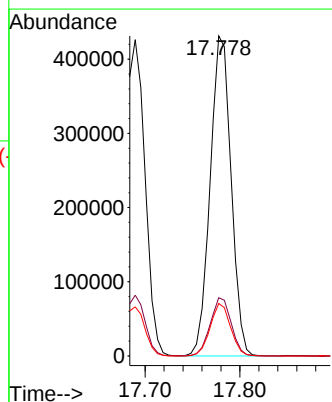
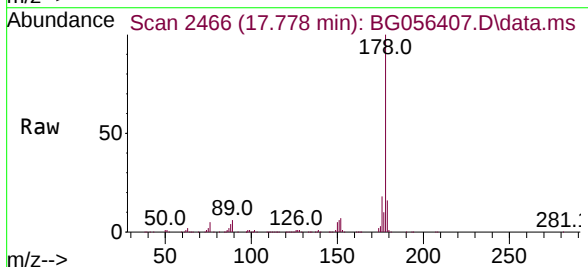
Manual Integrations
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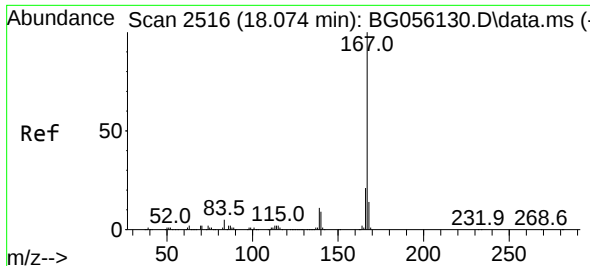
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#72
Anthracene
Concen: 42.293 ng
RT: 17.778 min Scan# 2466
Delta R.T. -0.010 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

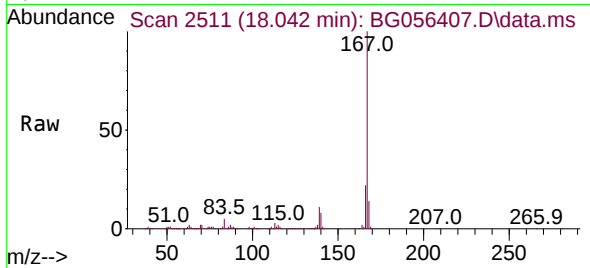
Tgt Ion:178 Resp: 662502
Ion Ratio Lower Upper
178 100
176 18.2 14.6 22.0
179 16.4 12.7 19.1





#73
 Carbazole
 Concen: 43.606 ng
 RT: 18.042 min Scan# 2516
 Delta R.T. -0.010 min
 Lab File: BG056407.D
 Acq: 24 Jan 2023 17:48

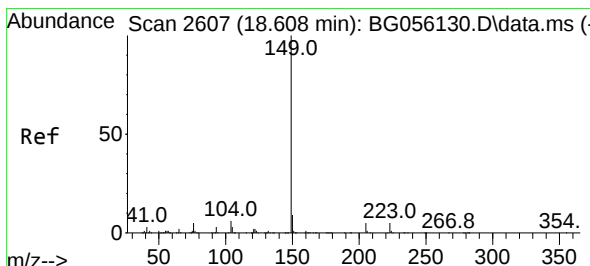
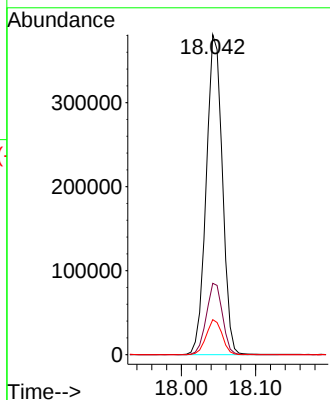
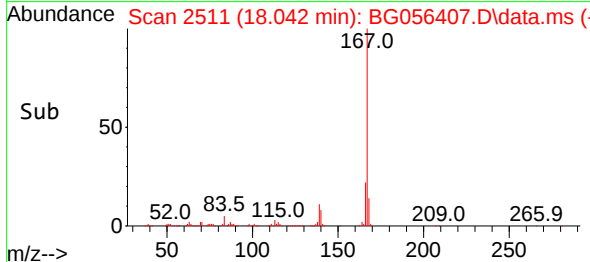
Instrument :
 BNA_G
 ClientSampleId :
 TP-28MSD



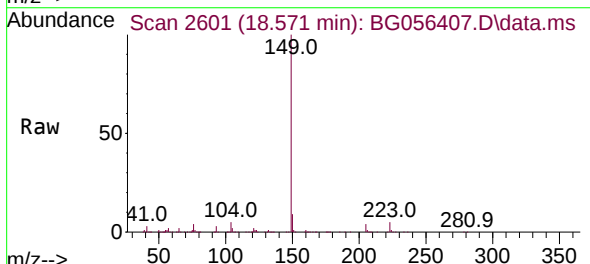
Tgt Ion:167 Resp: 574166
 Ion Ratio Lower Upper
 167 100
 166 22.3 16.8 25.2
 139 10.9 8.9 13.3

Manual Integrations
 APPROVED

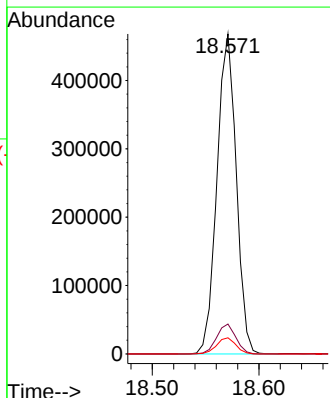
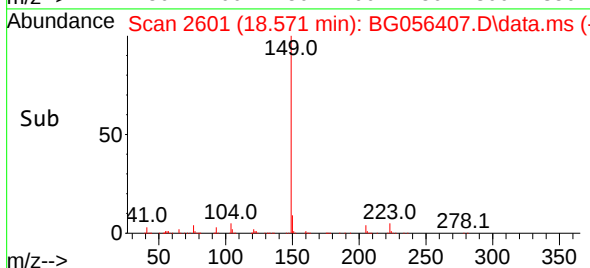
Reviewed By :Christian Giraldo 01/25/2023
 Supervised By :Jagrut Upadhyay 01/25/2023

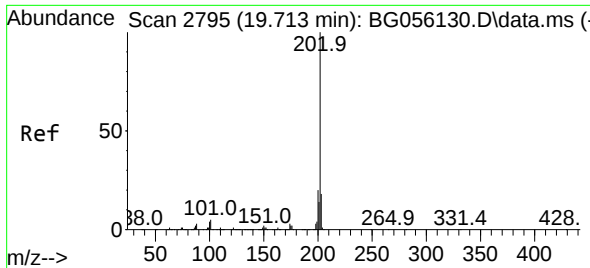


#74
 Di-n-butylphthalate
 Concen: 44.861 ng
 RT: 18.571 min Scan# 2601
 Delta R.T. -0.004 min
 Lab File: BG056407.D
 Acq: 24 Jan 2023 17:48



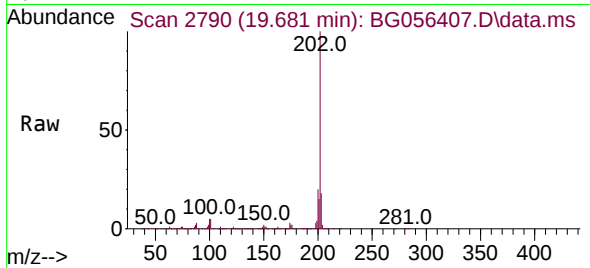
Tgt Ion:149 Resp: 588842
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.0 4.4 6.6





#75
Fluoranthene
Concen: 40.850 ng
RT: 19.681 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

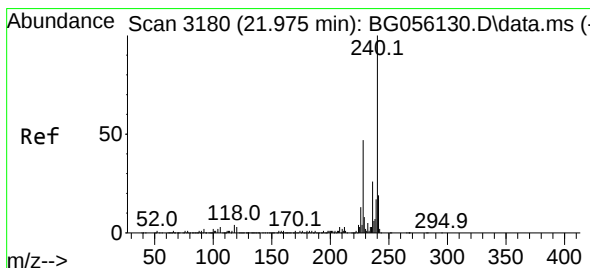
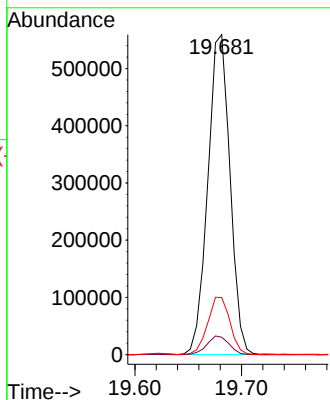
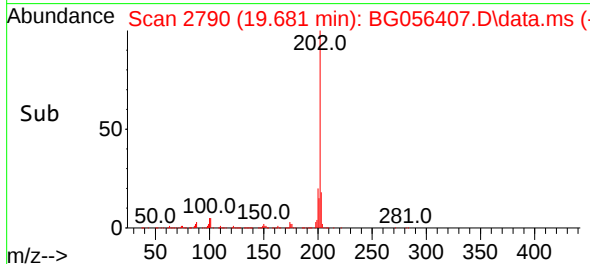
Instrument :
BNA_G
ClientSampleId :
TP-28MSD



Tgt Ion:202 Resp: 809160
Ion Ratio Lower Upper
202 100
101 5.4 0.0 25.0
203 17.9 0.0 38.0

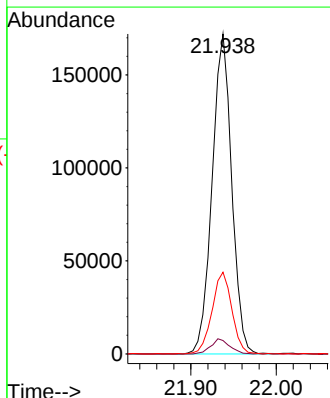
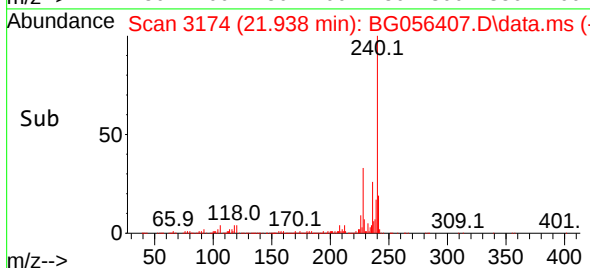
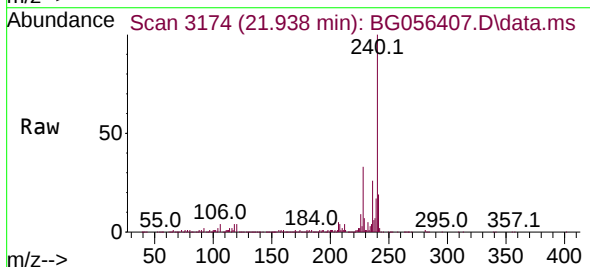
Manual Integrations
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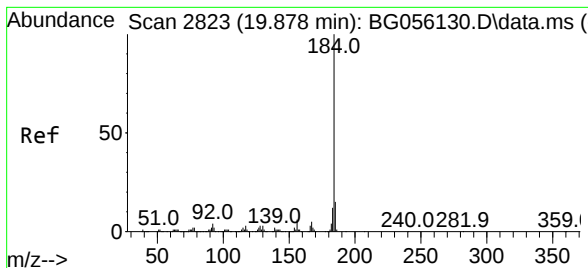
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.938 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:240 Resp: 273958
Ion Ratio Lower Upper
240 100
120 4.2 2.6 4.0#
236 25.5 20.8 31.2





#77

Benzidine

Concen: 24.118 ng

RT: 19.846 min Scan# 2818

Delta R.T. -0.004 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

Instrument :

BNA_G

ClientSampleId :

TP-28MSD

Tgt Ion:184 Resp: 231546

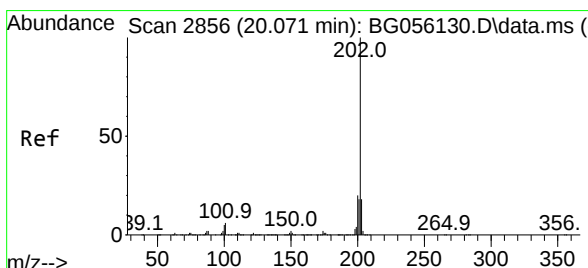
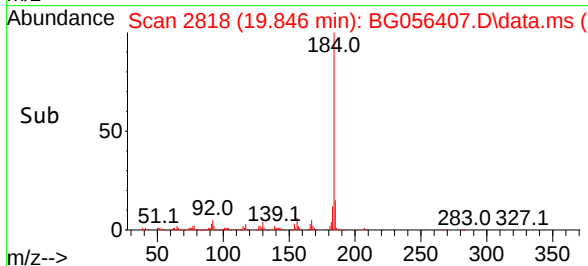
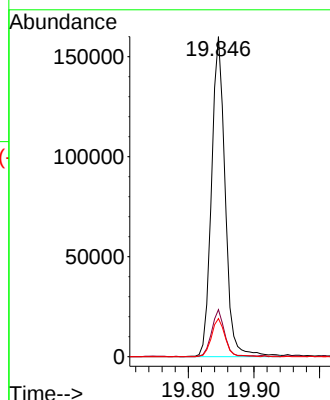
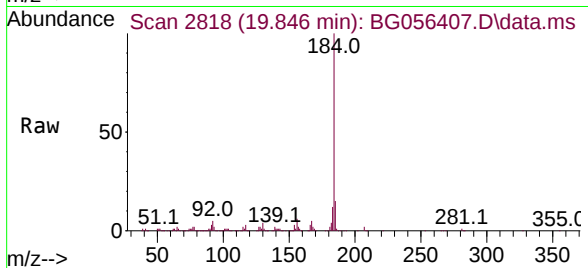
Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.2	18.2
183	11.9	9.4	14.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#78

Pyrene

Concen: 42.424 ng

RT: 20.040 min Scan# 2851

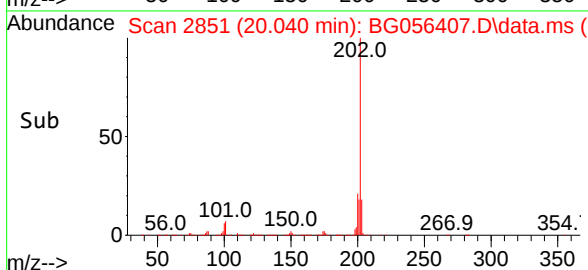
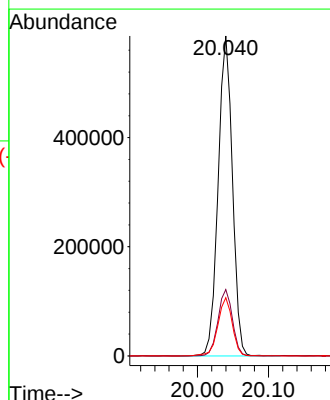
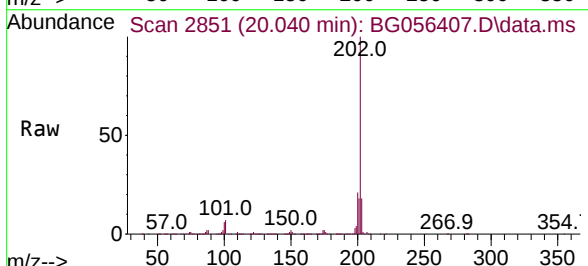
Delta R.T. -0.004 min

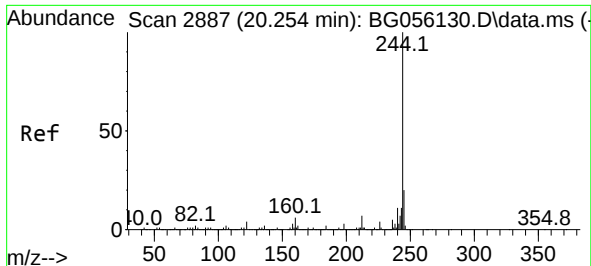
Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

Tgt Ion:202 Resp: 819190

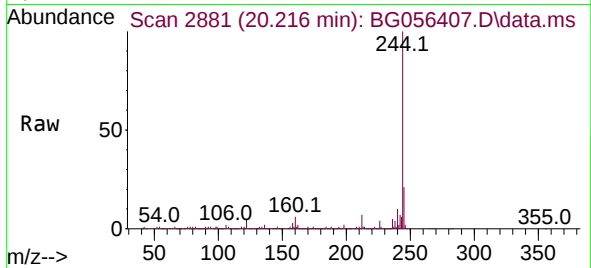
Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.4	24.6
203	18.2	14.3	21.5





#79
 Terphenyl-d14
 Concen: 68.587 ng
 RT: 20.216 min Scan# 2881
 Delta R.T. -0.010 min
 Lab File: BG056407.D
 Acq: 24 Jan 2023 17:48

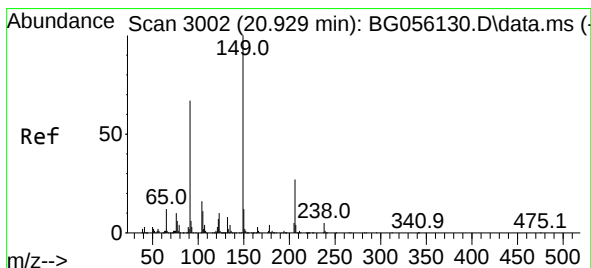
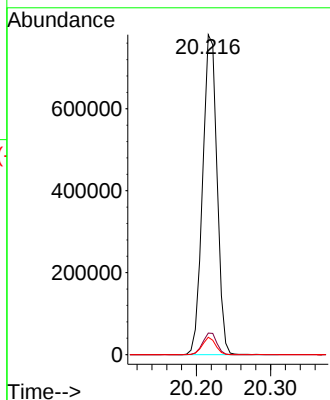
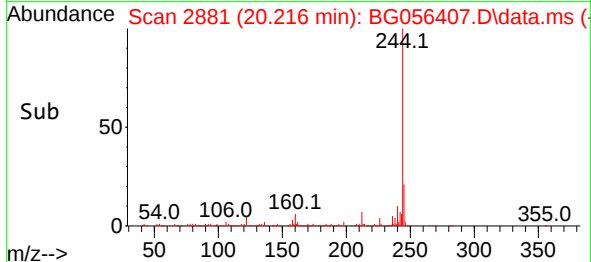
Instrument :
 BNA_G
 ClientSampleId :
 TP-28MSD



Tgt Ion:244 Resp: 1049096
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 5.4 3.5 5.3

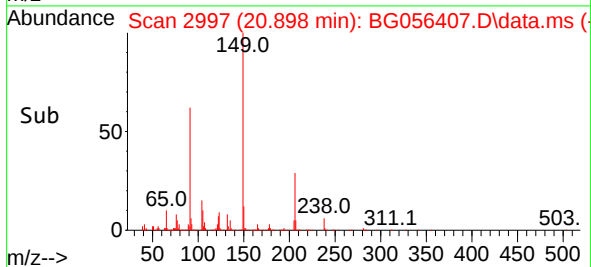
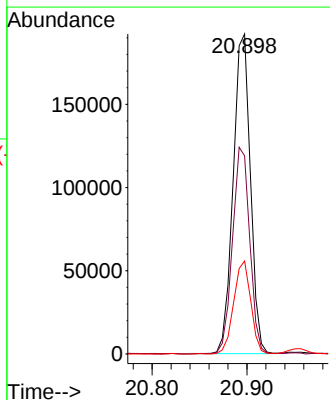
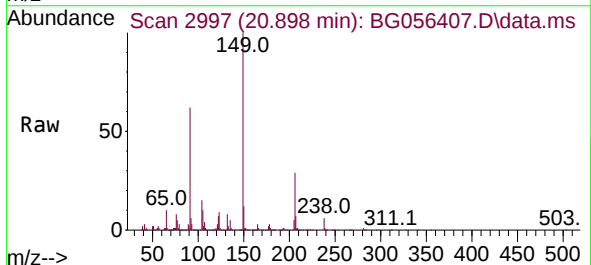
Manual Integrations
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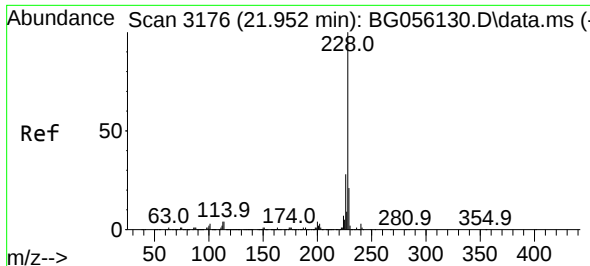
Reviewed By :Christian Giraldo 01/25/2023
 Supervised By :Jagrut Upadhyay 01/25/2023



#80
 Butylbenzylphthalate
 Concen: 43.874 ng
 RT: 20.898 min Scan# 2997
 Delta R.T. -0.004 min
 Lab File: BG056407.D
 Acq: 24 Jan 2023 17:48

Tgt Ion:149 Resp: 243054
 Ion Ratio Lower Upper
 149 100
 91 61.9 53.5 80.3
 206 29.0 21.9 32.9





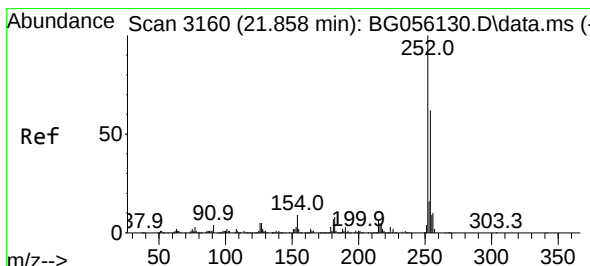
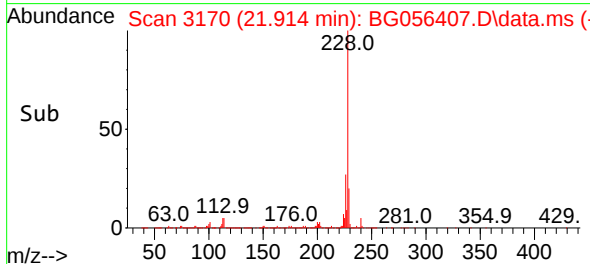
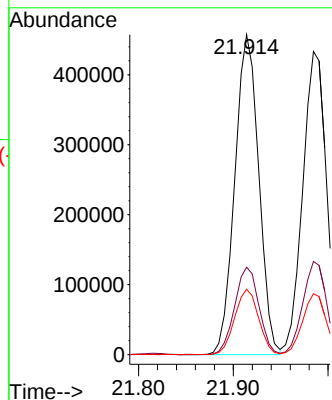
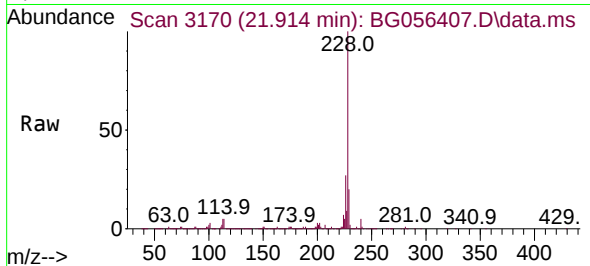
#81
Benzo(a)anthracene
Concen: 41.778 ng
RT: 21.914 min Scan# 3170
Delta R.T. -0.010 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Tgt Ion:228 Resp: 803896
Ion Ratio Lower Upper
228 100
226 27.3 22.6 34.0
229 20.4 16.9 25.3

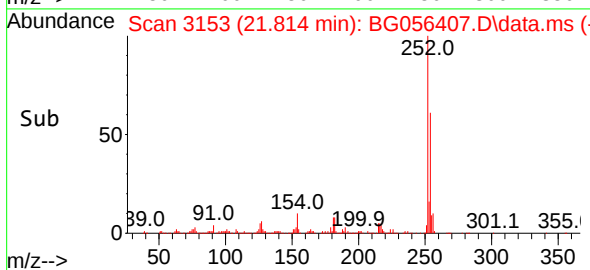
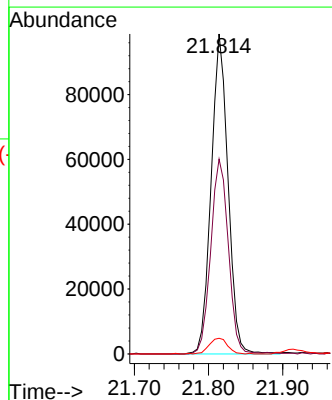
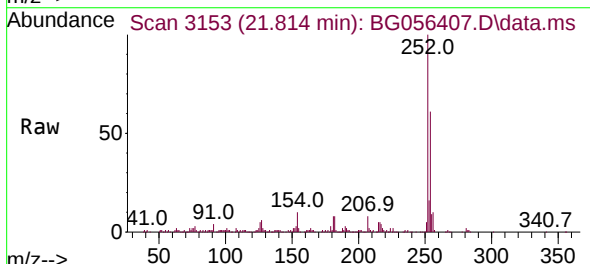
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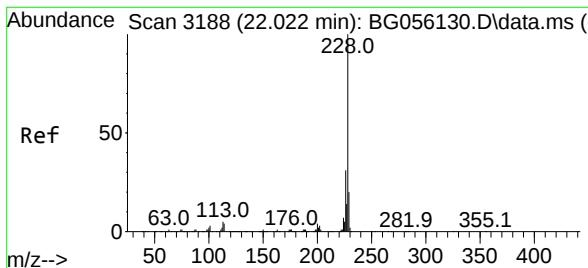
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#82
3,3'-Dichlorobenzidine
Concen: 22.484 ng
RT: 21.814 min Scan# 3153
Delta R.T. -0.010 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:252 Resp: 155744
Ion Ratio Lower Upper
252 100
254 60.9 49.5 74.3
126 4.9 4.0 6.0





#83

Chrysene

Concen: 41.683 ng

RT: 21.985 min Scan# 3182

Delta R.T. -0.010 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

Instrument :

BNA_G

ClientSampleId :

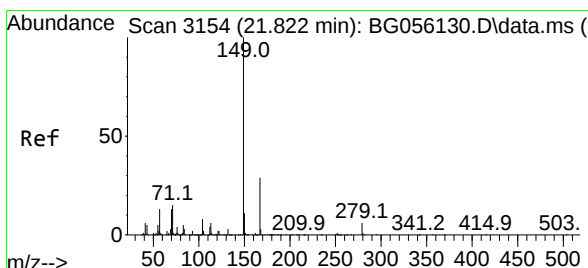
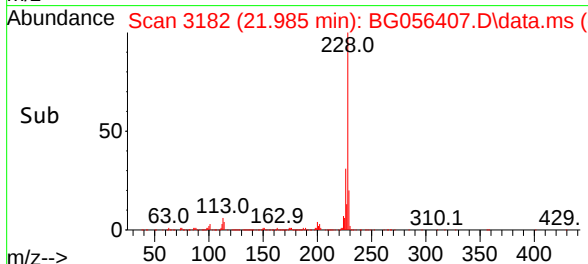
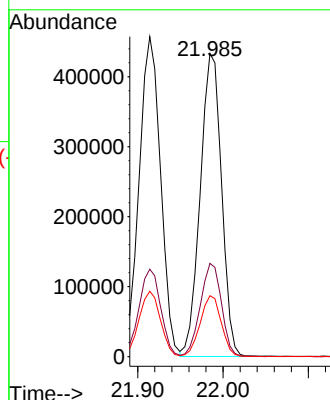
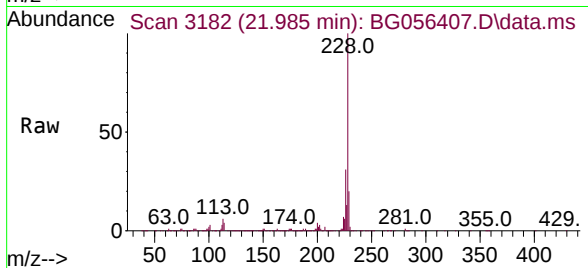
TP-28MSD

Tgt Ion:228 Resp: 751296
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.6 36.8
 229 20.1 15.8 23.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/25/2023
 Supervised By :Jagrut Upadhyay 01/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.910 ng

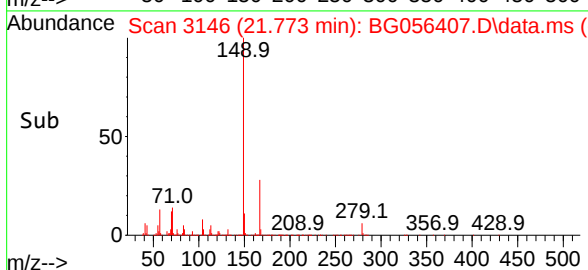
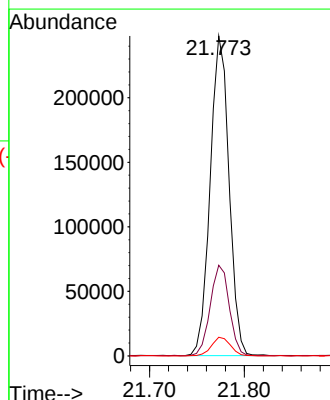
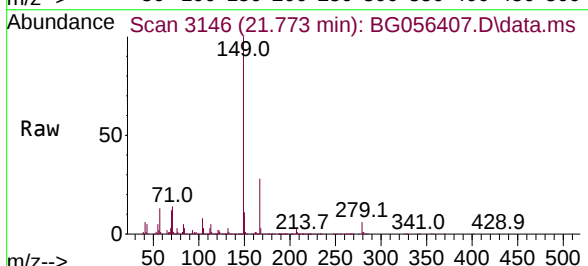
RT: 21.773 min Scan# 3146

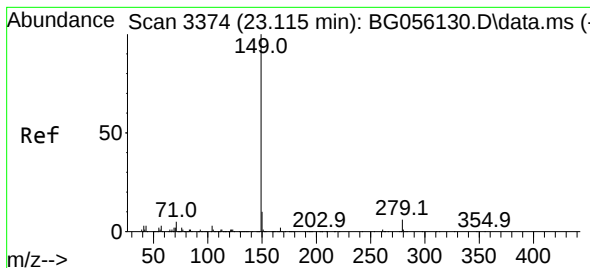
Delta R.T. -0.004 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

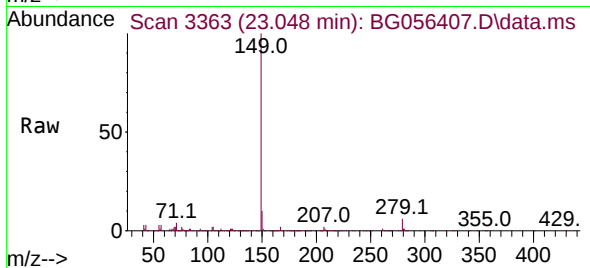
Tgt Ion:149 Resp: 342478
 Ion Ratio Lower Upper
 149 100
 167 28.3 23.4 35.2
 279 5.8 4.7 7.1





#85
Di-n-octyl phthalate
Concen: 43.160 ng
RT: 23.048 min Scan# 3374
Delta R.T. -0.010 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

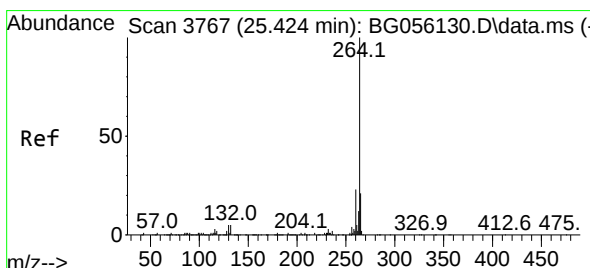
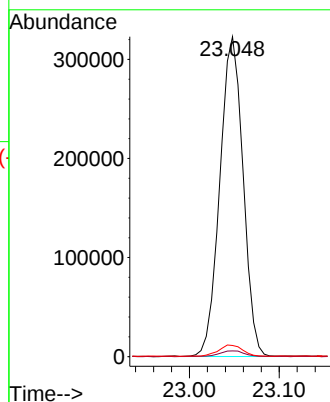
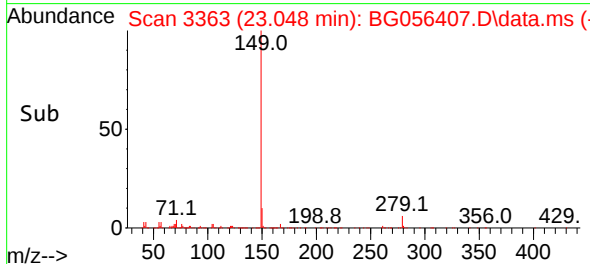
Instrument :
BNA_G
ClientSampleId :
TP-28MSD



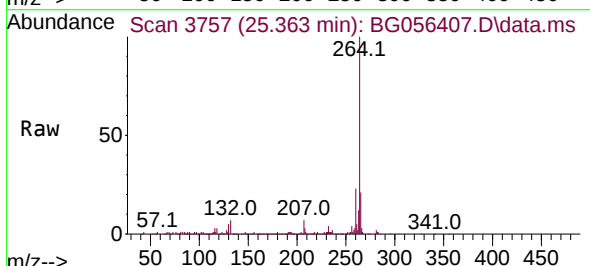
Tgt Ion:149 Resp: 581525
Ion Ratio Lower Upper
149 100
167 2.0 1.4 2.2
43 3.6 2.9 4.3

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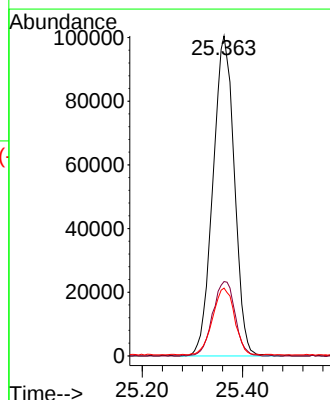
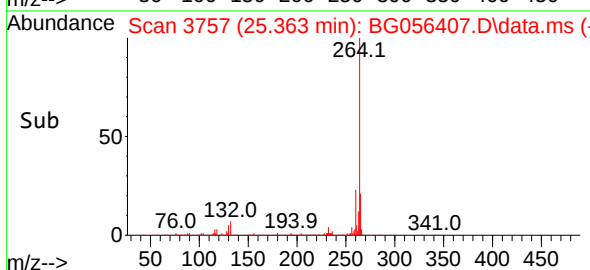
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

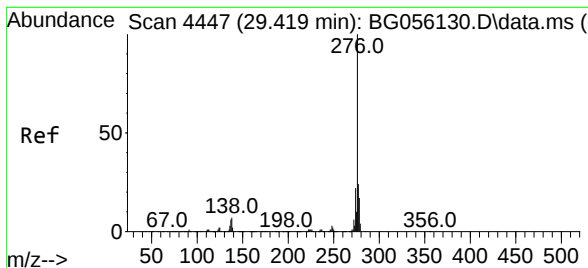


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.363 min Scan# 3757
Delta R.T. -0.010 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48



Tgt Ion:264 Resp: 297289
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.2 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.550 ng

RT: 29.323 min Scan# 44

Delta R.T. -0.010 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

Instrument :

BNA_G

ClientSampleId :

TP-28MSD

Tgt Ion:276 Resp: 941583

Ion Ratio Lower Upper

276 100

138 11.3 5.0 7.4

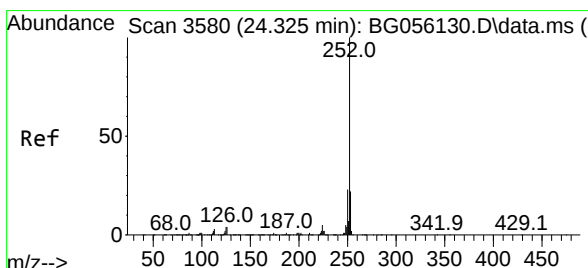
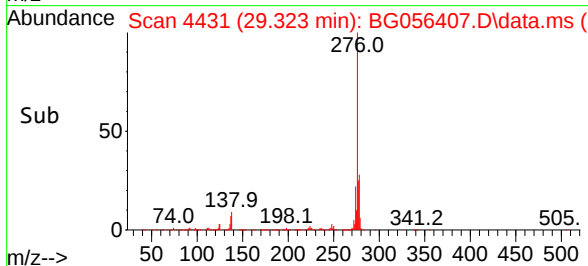
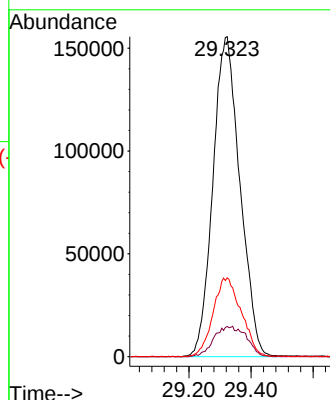
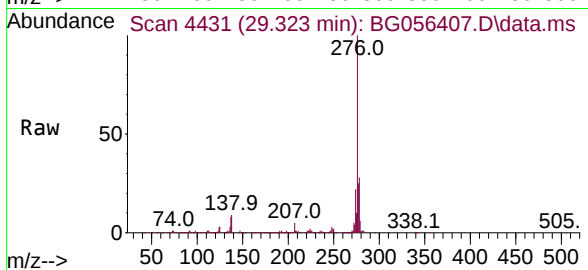
277 25.7 20.5 30.7

Manual Integrations

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Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#88

Benzo(b)fluoranthene

Concen: 44.426 ng

RT: 24.270 min Scan# 3571

Delta R.T. -0.010 min

Lab File: BG056407.D

Acq: 24 Jan 2023 17:48

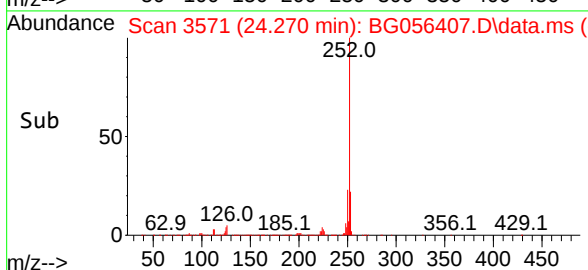
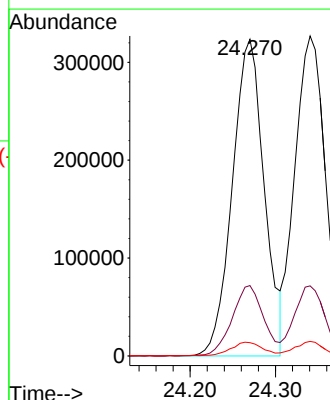
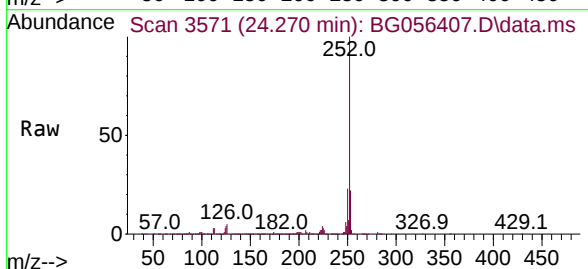
Tgt Ion:252 Resp: 839152

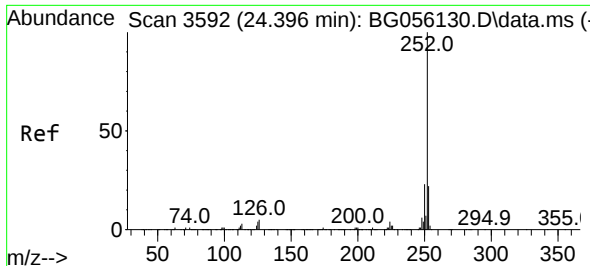
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

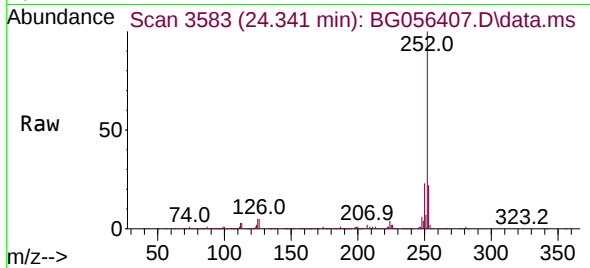
125 4.2 3.0 4.4





#89
Benzo(k)fluoranthene
Concen: 42.864 ng
RT: 24.341 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

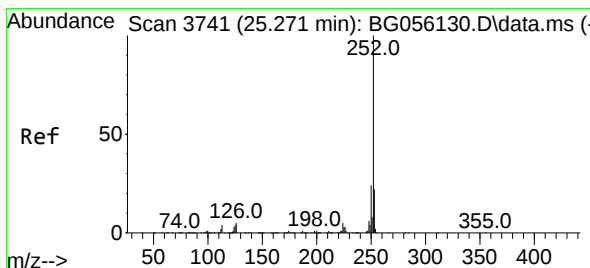
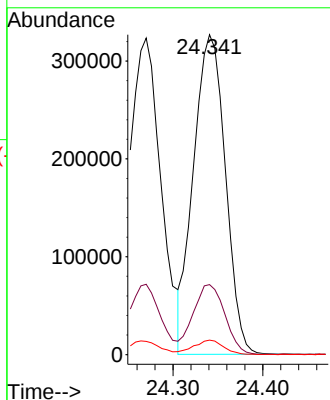
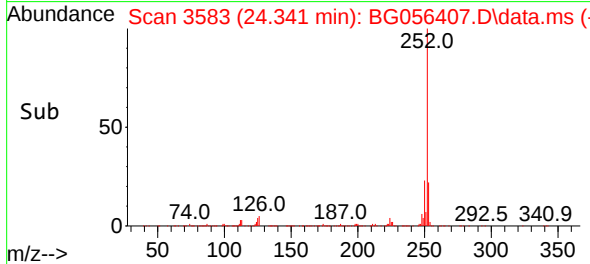
Instrument :
BNA_G
ClientSampleId :
TP-28MSD



Tgt Ion:252 Resp: 806244
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 4.6 3.4 5.0

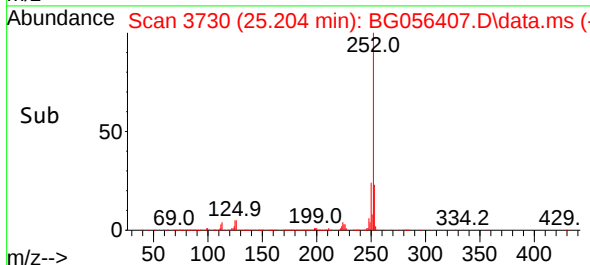
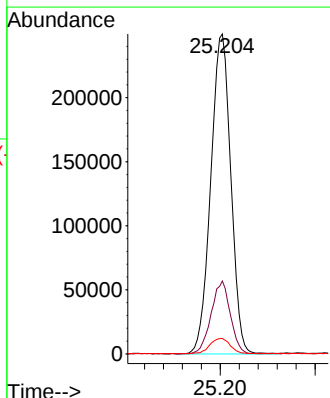
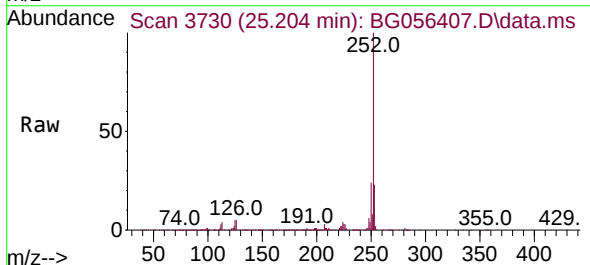
Manual Integrations
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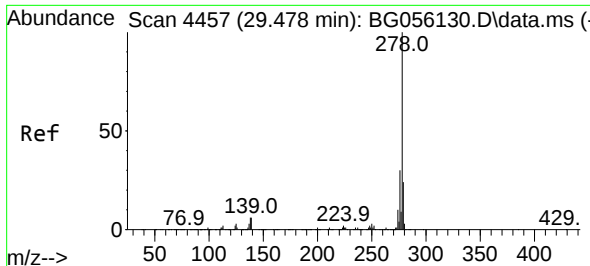
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#90
Benzo(a)pyrene
Concen: 39.793 ng
RT: 25.204 min Scan# 3730
Delta R.T. -0.010 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

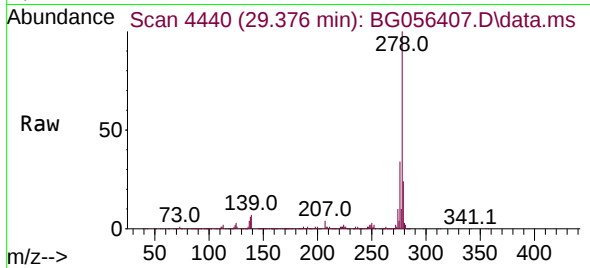
Tgt Ion:252 Resp: 733119
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 4.8 3.2 4.8#





#91
Dibenzo(a,h)anthracene
Concen: 44.128 ng
RT: 29.376 min Scan# 44
Delta R.T. -0.016 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

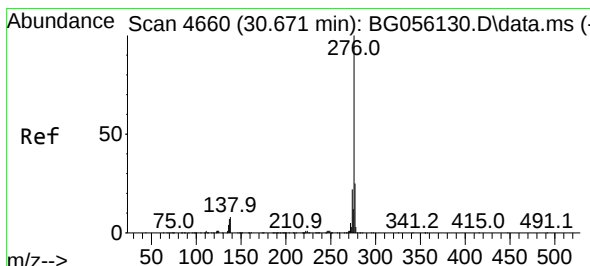
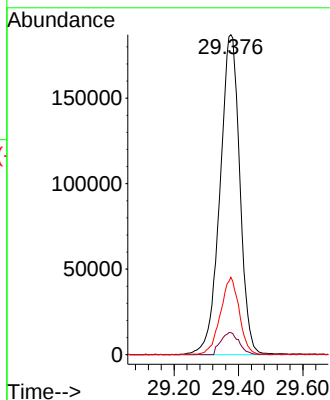
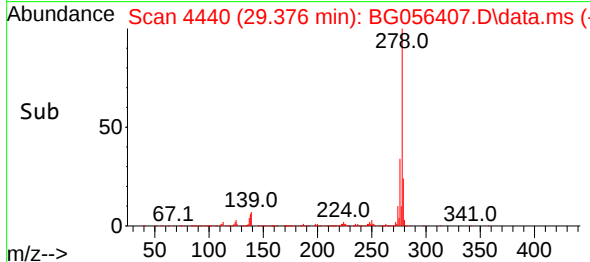
Instrument :
BNA_G
ClientSampleId :
TP-28MSD



Tgt Ion:278 Resp: 799893
Ion Ratio Lower Upper
278 100
139 6.9 4.8 7.2
279 24.2 19.0 28.4

Manual Integrations
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Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#92
Benzo(g,h,i)perylene
Concen: 43.340 ng
RT: 30.563 min Scan# 4642
Delta R.T. -0.010 min
Lab File: BG056407.D
Acq: 24 Jan 2023 17:48

Tgt Ion:276 Resp: 761846
Ion Ratio Lower Upper
276 100
277 25.0 19.7 29.5
138 9.8 6.7 10.1

