

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122022\
 Data File : BG056035.D
 Acq On : 20 Dec 2022 18:28
 Operator : CG/JU
 Sample : N6135-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11977MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/21/2022
 Supervised By : Jagrut Upadhyay 12/21/2022

Quant Time: Dec 21 02:39:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 01:11:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.367	152	10836	20.000	ng	0.00
21) Naphthalene-d8	11.199	136	40685	20.000	ng	# 0.00
39) Acenaphthene-d10	14.977	164	31997	20.000	ng	0.00
64) Phenanthrene-d10	17.709	188	79588	20.000	ng	# 0.00
76) Chrysene-d12	22.022	240	82134	20.000	ng	0.00
86) Perylene-d12	25.512	264	94211	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.888	112	58334	126.249	ng	0.00
7) Phenol-d6	7.504	99	71698	120.650	ng	0.00
23) Nitrobenzene-d5	9.542	82	49718	85.398	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	88424	114.607	ng	0.00
45) 2-Fluorobiphenyl	13.602	172	158492	69.470	ng	0.00
79) Terphenyl-d14	20.283	244	276857	59.575	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.708	88	4884	36.321	ng	98
3) Pyridine	4.125	79	13977	31.585	ng	96
4) n-Nitrosodimethylamine	4.031	42	13958	35.088	ng	97
6) Aniline	7.680	93	17590	24.722	ng	99
8) 2-Chlorophenol	7.927	128	27195	45.621	ng	95
9) Benzaldehyde	7.492	77	15223	40.789	ng	96
10) Phenol	7.527	94	29113	44.762	ng	98
11) bis(2-Chloroethyl)ether	7.768	93	17707	41.796	ng	93
12) 1,3-Dichlorobenzene	8.256	146	32675	42.373	ng	94
13) 1,4-Dichlorobenzene	8.403	146	32598	41.365	ng	96
14) 1,2-Dichlorobenzene	8.726	146	32534	43.198	ng	95
15) Benzyl Alcohol	8.602	79	24302	39.356	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.884	45	24994	45.330	ng	99
17) 2-Methylphenol	8.796	107	22296	43.570	ng	# 89
18) Hexachloroethane	9.466	117	10874	45.457	ng	93
19) n-Nitroso-di-n-propyla...	9.172	70	16995	39.898	ng	92
20) 3+4-Methylphenols	9.125	107	30368	41.585	ng	98
22) Acetophenone	9.196	105	41597	41.244	ng	98
24) Nitrobenzene	9.584	77	28258	48.221	ng	97
25) Isophorone	10.106	82	48570	39.785	ng	98
26) 2-Nitrophenol	10.300	139	16952	48.866	ng	92
27) 2,4-Dimethylphenol	10.342	122	27109m	46.530	ng	
28) bis(2-Chloroethoxy)met...	10.582	93	25073	46.470	ng	98
29) 2,4-Dichlorophenol	10.835	162	35078	42.420	ng	98
30) 1,2,4-Trichlorobenzene	11.058	180	46192	42.971	ng	96
31) Naphthalene	11.252	128	89166	41.536	ng	99
32) Benzoic acid	10.471	122	19949m	40.868	ng	
33) 4-Chloroaniline	11.346	127	12924	14.043	ng	97
34) Hexachlorobutadiene	11.528	225	39745	39.328	ng	97
35) Caprolactam	12.116	113	8614m	37.388	ng	
36) 4-Chloro-3-methylphenol	12.439	107	29817	38.453	ng	92
37) 2-Methylnaphthalene	12.833	142	73587	38.799	ng	96
38) 1-Methylnaphthalene	13.044	142	68092	36.853	ng	99
40) 1,2,4,5-Tetrachloroben...	13.191	216	66787	49.472	ng	99
41) Hexachlorocyclopentadiene	13.168	237	33079	43.191	ng	99
43) 2,4,6-Trichlorophenol	13.414	196	37940	47.476	ng	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.491	196	41143	45.672	ng	97
46) 1,1'-Biphenyl	13.814	154	102876	47.434	ng	99
47) 2-Chloronaphthalene	13.867	162	81023	45.977	ng	95
48) 2-Nitroaniline	14.055	65	18772	53.682	ng	92
49) Acenaphthylene	14.701	152	129206	45.933	ng	99
50) Dimethylphthalate	14.413	163	106929	38.654	ng	98
51) 2,6-Dinitrotoluene	14.537	165	22406	52.340	ng	90
52) Acenaphthene	15.042	154	84216	44.596	ng	97
53) 3-Nitroaniline	14.866	138	13820	31.739	ng	# 96
54) 2,4-Dinitrophenol	15.071	184	15406	48.409	ng	# 85
55) Dibenzofuran	15.371	168	132443	41.707	ng	99
56) 4-Nitrophenol	15.159	139	32707	93.735	ng	96
57) 2,4-Dinitrotoluene	15.318	165	31448	48.667	ng	# 91
58) Fluorene	16.017	166	106007	40.837	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.588	232	44600	43.337	ng	100
60) Diethylphthalate	15.765	149	99879	36.940	ng	98
61) 4-Chlorophenyl-phenyle...	16.000	204	72597	41.052	ng	97
62) 4-Nitroaniline	16.023	138	17403	36.700	ng	94
63) Azobenzene	16.293	77	65096	39.555	ng	98
65) 4,6-Dinitro-2-methylph...	16.082	198	11920	31.352	ng	93
66) n-Nitrosodiphenylamine	16.211	169	91667	43.952	ng	99
67) 4-Bromophenyl-phenylether	16.893	248	51502	44.162	ng	91
68) Hexachlorobenzene	17.016	284	61140	42.563	ng	97
69) Atrazine	17.145	200	43395	45.952	ng	99
70) Pentachlorophenol	17.357	266	83048	101.127	ng	94
71) Phenanthrene	17.756	178	250470	60.053	ng	100
72) Anthracene	17.844	178	190387	46.140	ng	97
73) Carbazole	18.109	167	146224	42.967	ng	99
74) Di-n-butylphthalate	18.644	149	152245	38.468	ng	99
75) Fluoranthene	19.748	202	454131	77.757	ng	99
77) Benzidine	19.907	184	38197	26.481	ng	97
78) Pyrene	20.107	202	459378	92.430	ng	99
80) Butylbenzylphthalate	20.970	149	61619	43.754	ng	97
81) Benzo(a)anthracene	22.004	228	456711	79.021	ng	98
82) 3,3'-Dichlorobenzidine	21.899	252	57767	27.780	ng	98
83) Chrysene	22.075	228	411083	75.891	ng	97
84) Bis(2-ethylhexyl)phtha...	21.869	149	90681	43.340	ng	98
85) Di-n-octyl phthalate	23.174	149	153484	43.245	ng	# 98
87) Indeno(1,2,3-cd)pyrene	29.548	276	348218	45.964	ng	95
88) Benzo(b)fluoranthene	24.407	252	570601	93.584	ng	98
89) Benzo(k)fluoranthene	24.478	252	396260m	65.139	ng	
90) Benzo(a)pyrene	25.359	252	450460	87.402	ng	99
91) Dibenzo(a,h)anthracene	29.619	278	211751	33.394	ng	98
92) Benzo(g,h,i)perylene	30.806	276	261459	42.647	ng	97

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

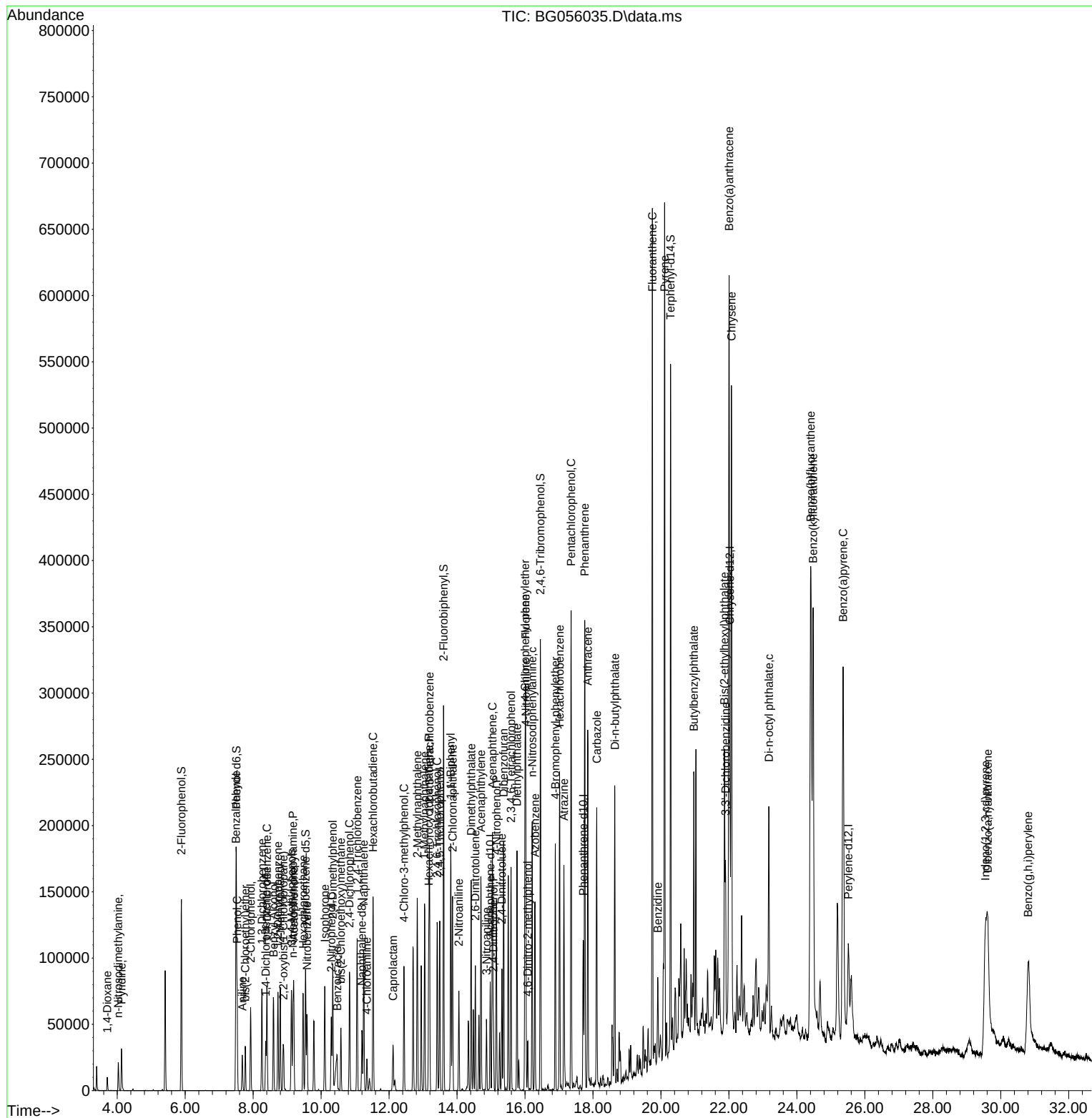
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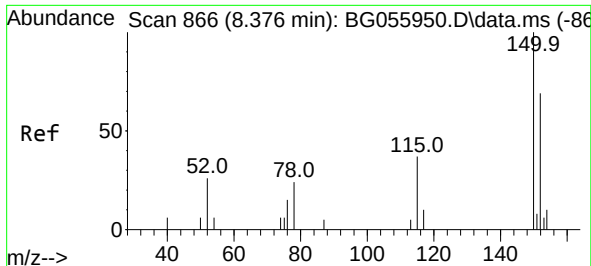
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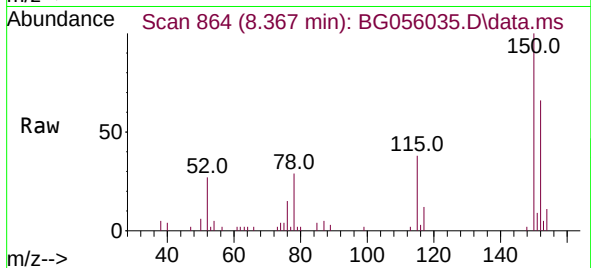
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.367 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

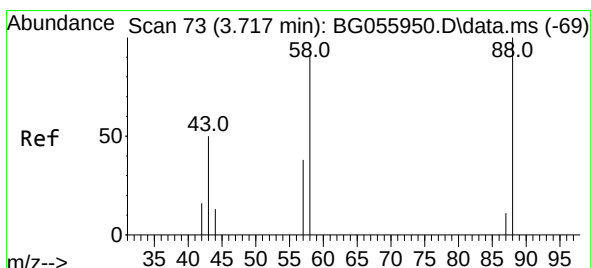
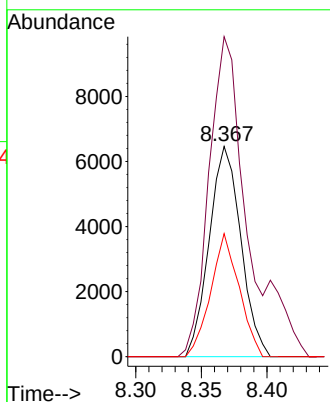
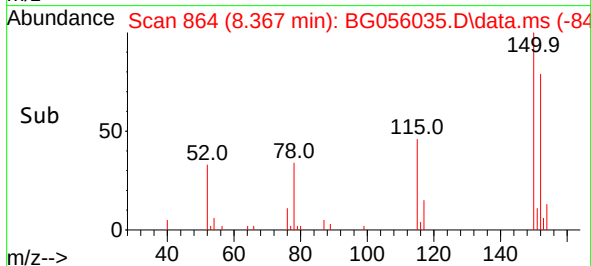
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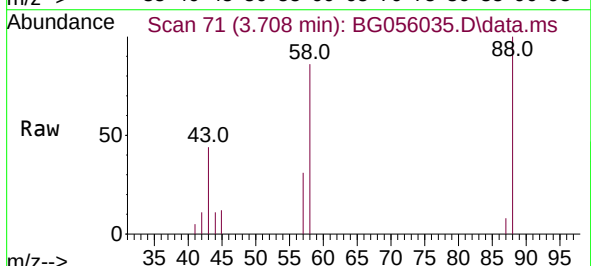
Tgt Ion:152 Resp: 10836
Ion Ratio Lower Upper
152 100
150 152.2 115.7 173.5
115 58.5 43.0 64.4

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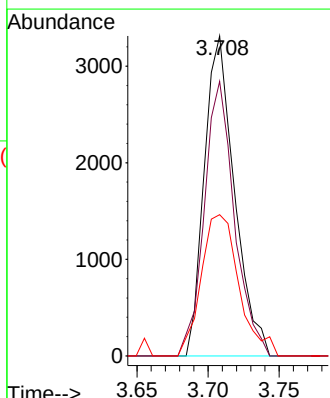
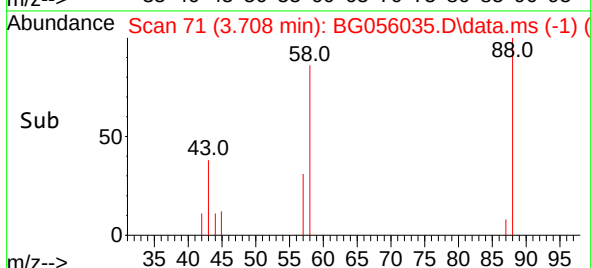
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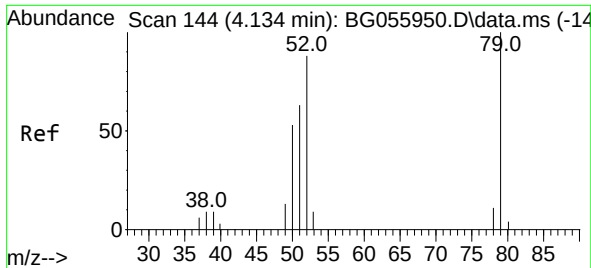


#2
1,4-Dioxane
Concen: 36.321 ng
RT: 3.708 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28



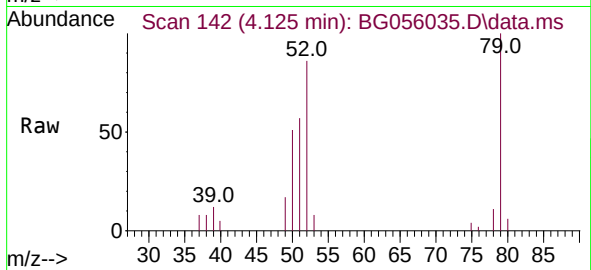
Tgt Ion: 88 Resp: 4884
Ion Ratio Lower Upper
88 100
58 86.0 67.0 100.4
43 55.4 45.7 68.5





#3
Pyridine
Concen: 31.585 ng
RT: 4.125 min Scan# 144
Delta R.T. -0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

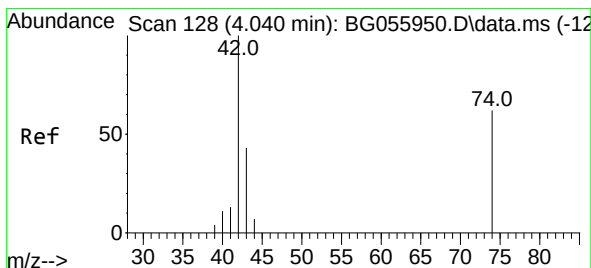
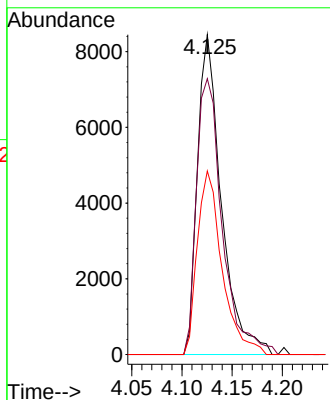
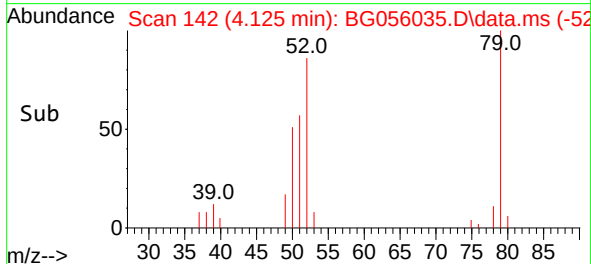
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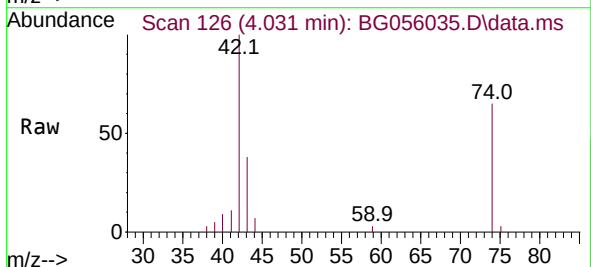
Tgt Ion: 79 Resp: 13972
Ion Ratio Lower Upper
79 100
52 86.2 70.3 105.5
51 57.4 50.6 76.0

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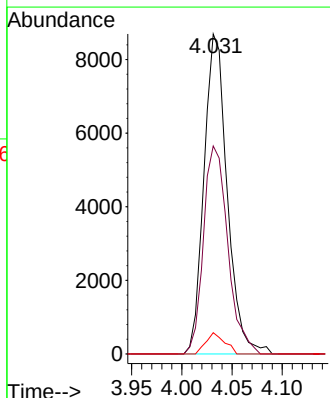
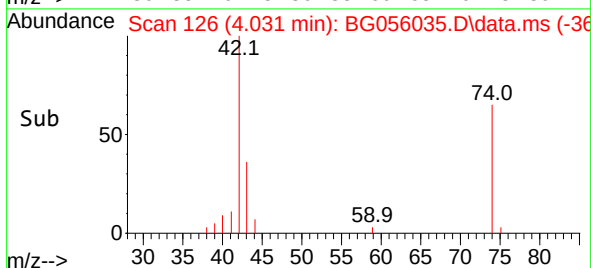
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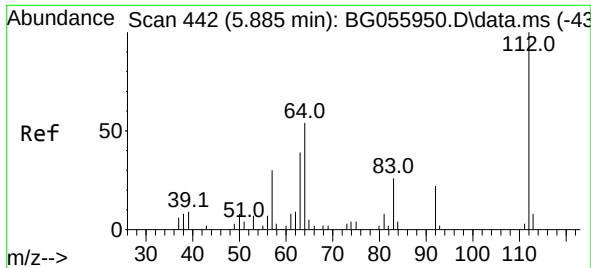


#4
n-Nitrosodimethylamine
Concen: 35.088 ng
RT: 4.031 min Scan# 126
Delta R.T. -0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28



Tgt Ion: 42 Resp: 13958
Ion Ratio Lower Upper
42 100
74 65.0 49.8 74.6
44 6.6 5.2 7.8





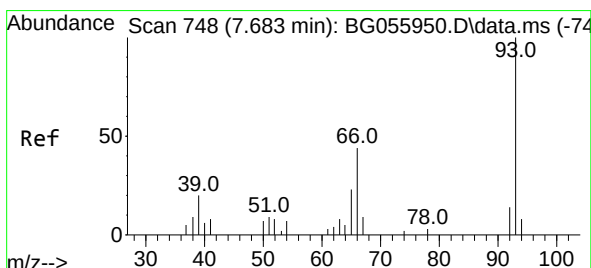
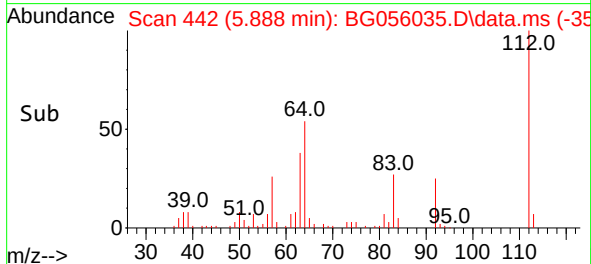
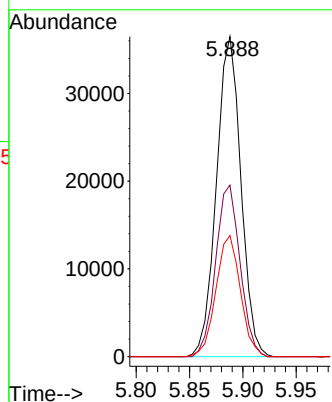
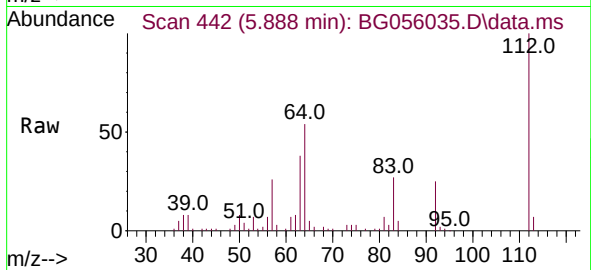
#5
2-Fluorophenol
Concen: 126.249 ng
RT: 5.888 min Scan# 44
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Instrument :
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ClientSampleId :
72-11977MSD

Tgt Ion:112 Resp: 58334
Ion Ratio Lower Upper
112 100
64 53.6 43.0 64.4
63 37.8 31.4 47.2

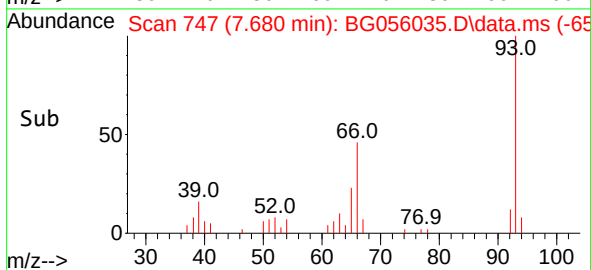
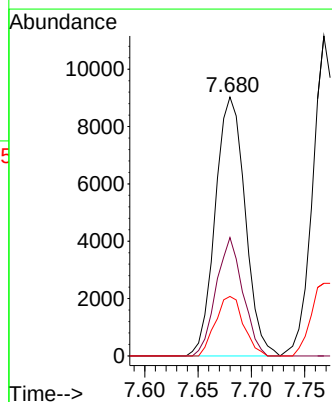
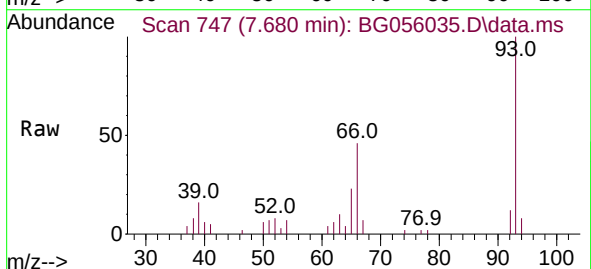
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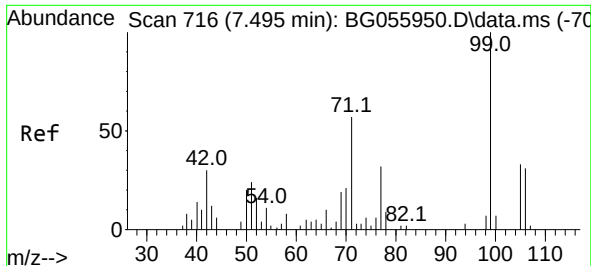
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#6
Aniline
Concen: 24.722 ng
RT: 7.680 min Scan# 747
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

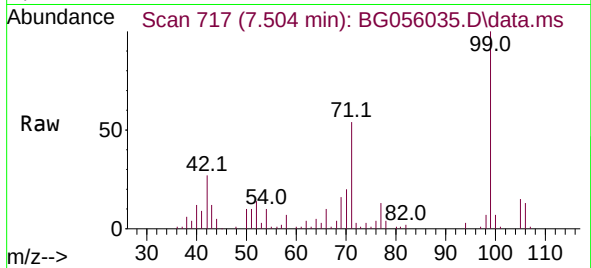
Tgt Ion: 93 Resp: 17590
Ion Ratio Lower Upper
93 100
66 45.7 35.5 53.3
65 22.9 18.2 27.2





#7
Phenol-d6
Concen: 120.650 ng
RT: 7.504 min Scan# 716
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

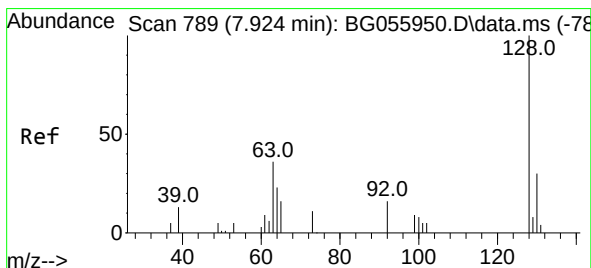
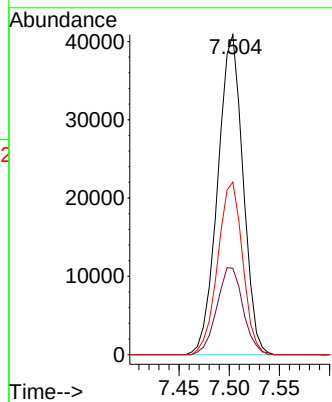
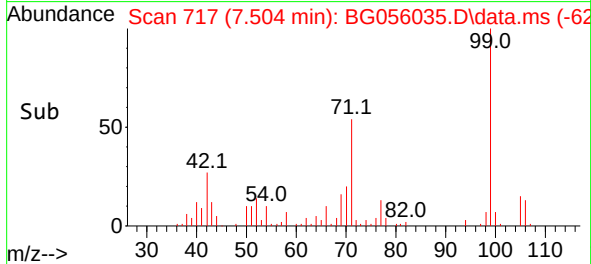
Instrument :
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Tgt Ion: 99 Resp: 71698
Ion Ratio Lower Upper
99 100
42 27.0 24.3 36.5
71 53.9 45.6 68.4

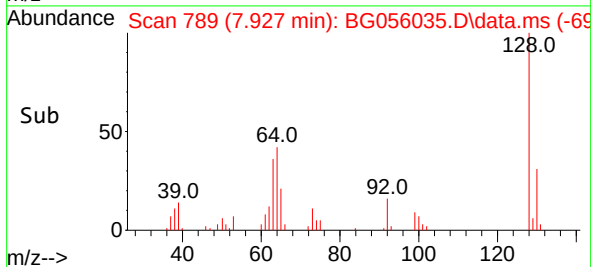
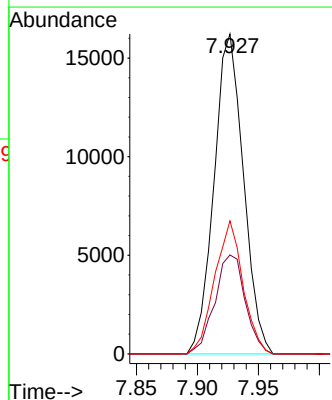
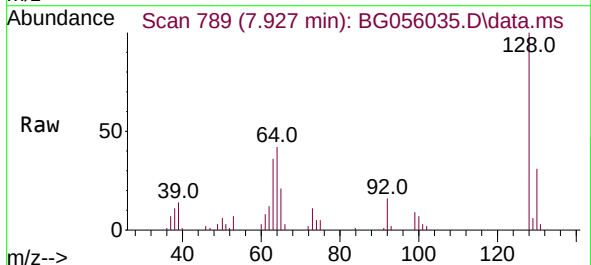
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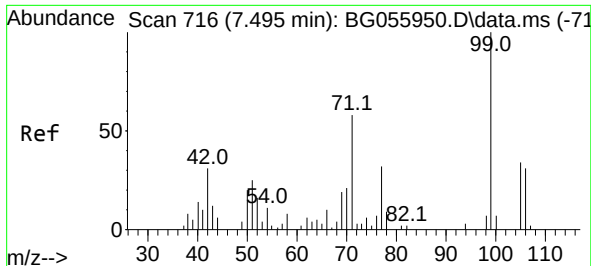
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#8
2-Chlorophenol
Concen: 45.621 ng
RT: 7.927 min Scan# 789
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

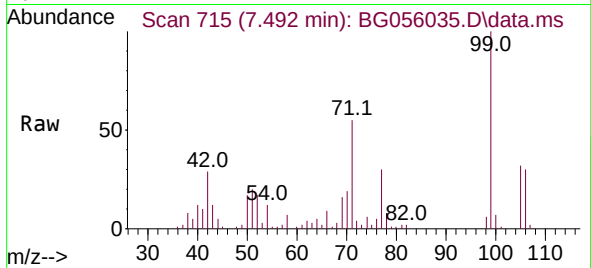
Tgt Ion:128 Resp: 27195
Ion Ratio Lower Upper
128 100
130 30.9 9.9 49.9
64 41.6 16.7 56.7





#9
Benzaldehyde
Concen: 40.789 ng
RT: 7.492 min Scan# 716
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

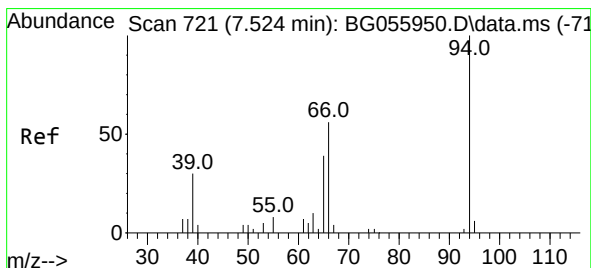
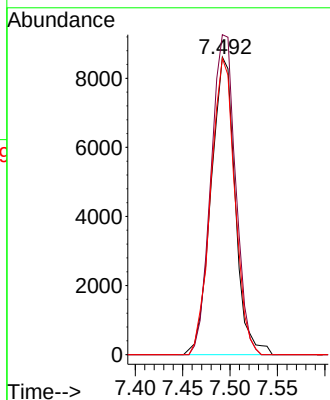
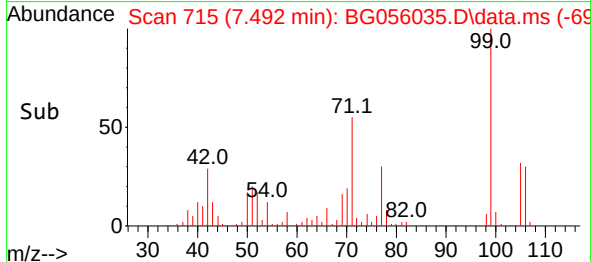
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Tgt Ion: 77 Resp: 15223
Ion Ratio Lower Upper
77 100
105 107.5 83.1 123.1
106 99.6 76.3 116.3

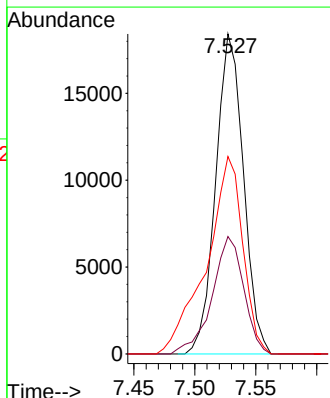
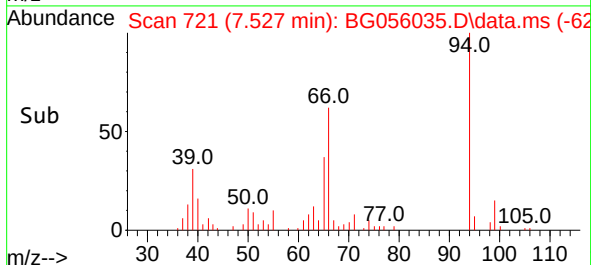
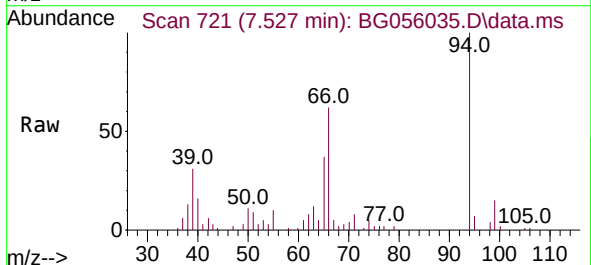
Manual Integrations
APPROVED

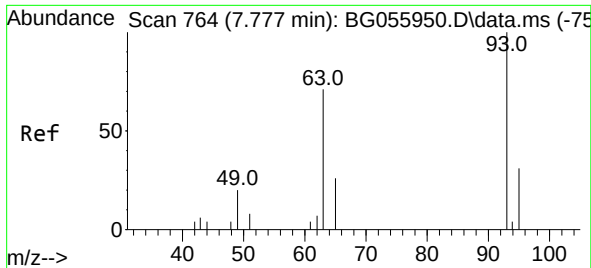
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#10
Phenol
Concen: 44.762 ng
RT: 7.527 min Scan# 721
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Tgt Ion: 94 Resp: 29113
Ion Ratio Lower Upper
94 100
65 36.7 18.9 58.9
66 61.7 41.5 81.5





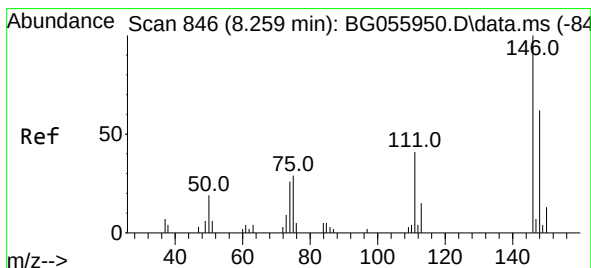
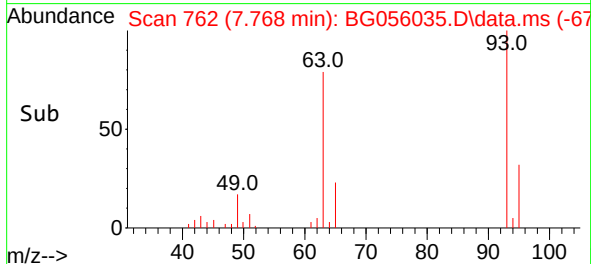
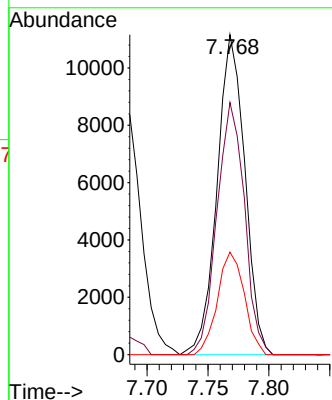
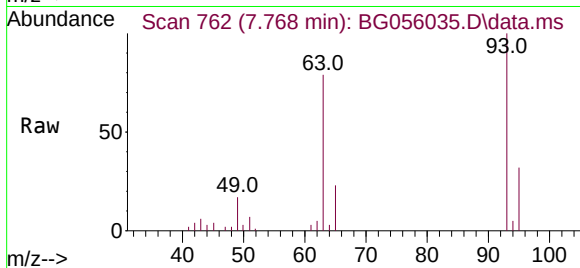
#11
bis(2-Chloroethyl)ether
Concen: 41.796 ng
RT: 7.768 min Scan# 762
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Instrument :
BNA_G
ClientSampleId :
72-11977MSD

Tgt Ion: 93 Resp: 1770
Ion Ratio Lower Upper
93 100
63 78.8 51.4 91.4
95 32.0 11.3 51.3

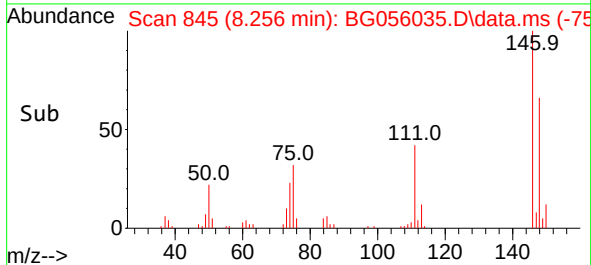
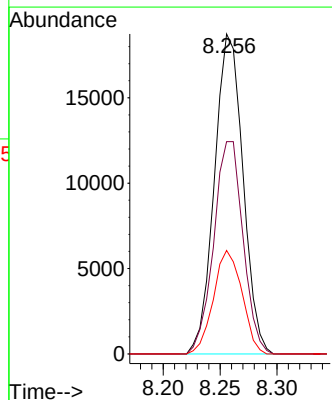
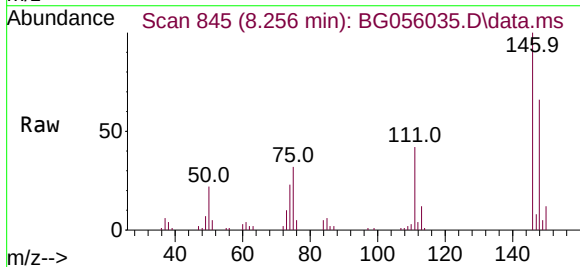
Manual Integrations
APPROVED

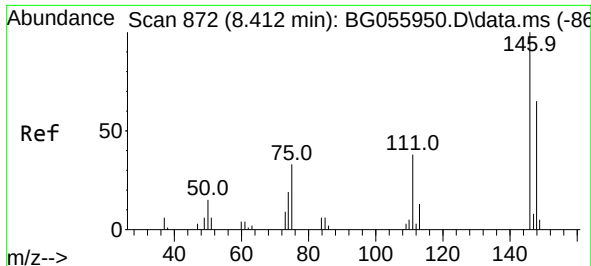
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#12
1,3-Dichlorobenzene
Concen: 42.373 ng
RT: 8.256 min Scan# 845
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Tgt Ion:146 Resp: 32675
Ion Ratio Lower Upper
146 100
148 66.4 49.7 74.5
75 32.4 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 41.365 ng

RT: 8.403 min Scan# 81

Delta R.T. 0.003 min

Lab File: BG056035.D

Acq: 20 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

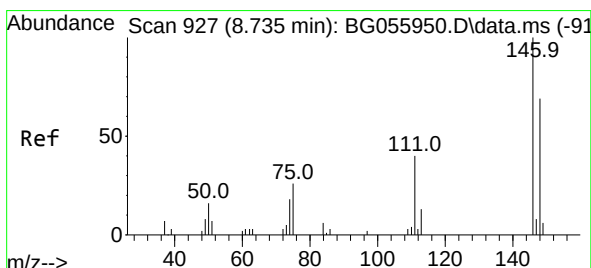
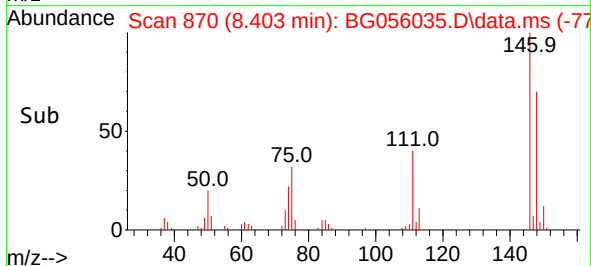
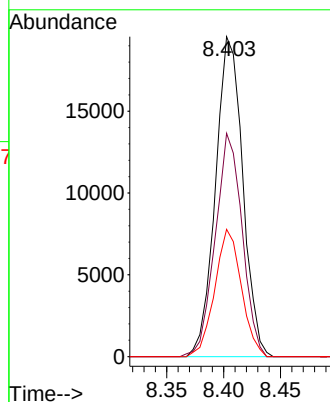
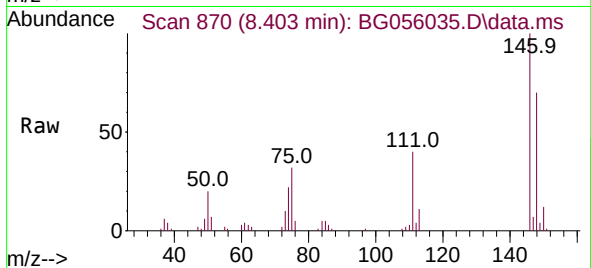
Tgt Ion:146 Resp: 32598
 Ion Ratio Lower Upper
 146 100
 148 69.8 52.4 78.6
 111 39.8 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2022

Supervised By :Jagrut Upadhyay 12/21/2022



#14

1,2-Dichlorobenzene

Concen: 43.198 ng

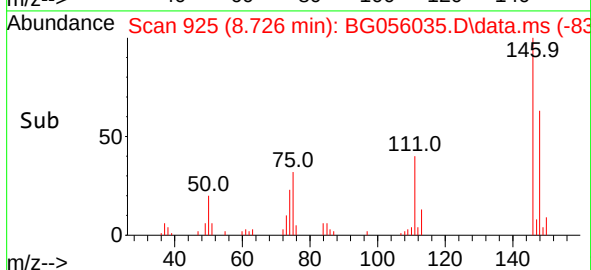
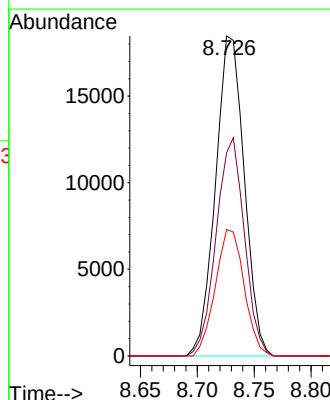
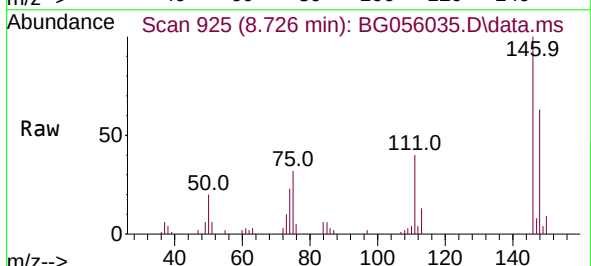
RT: 8.726 min Scan# 925

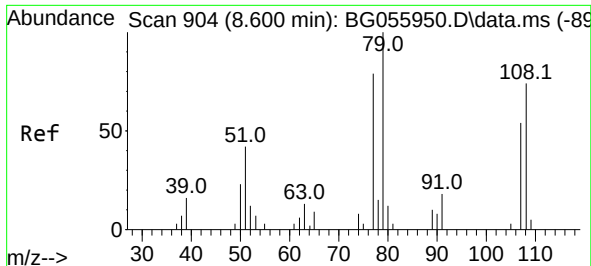
Delta R.T. 0.003 min

Lab File: BG056035.D

Acq: 20 Dec 2022 18:28

Tgt Ion:146 Resp: 32534
 Ion Ratio Lower Upper
 146 100
 148 63.5 55.1 82.7
 111 39.5 32.4 48.6





#15
Benzyl Alcohol
Concen: 39.356 ng
RT: 8.602 min Scan# 904
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Instrument :

BNA_G

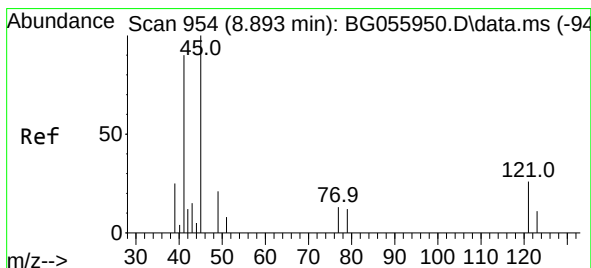
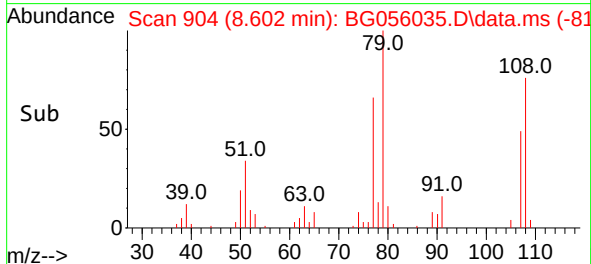
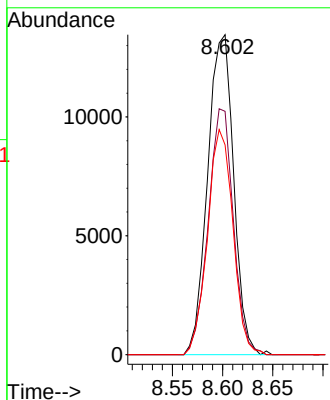
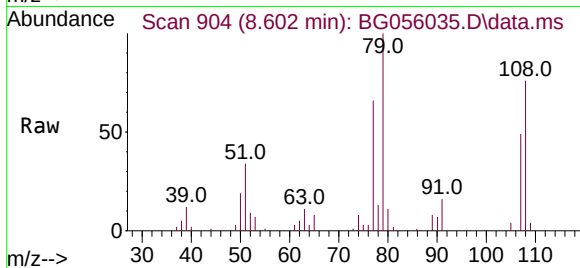
ClientSampleId :

72-11977MSD

Tgt Ion: 79 Resp: 24302
Ion Ratio Lower Upper
79 100
108 76.0 59.5 89.3
77 65.5 63.0 94.6

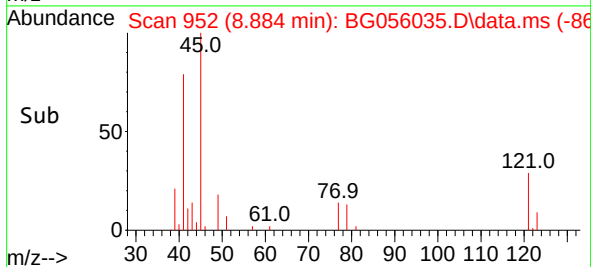
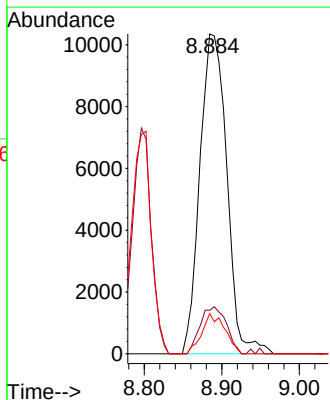
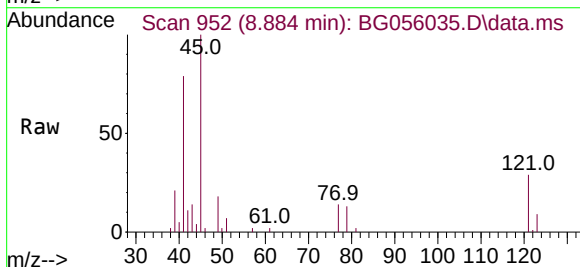
Manual Integrations
APPROVED

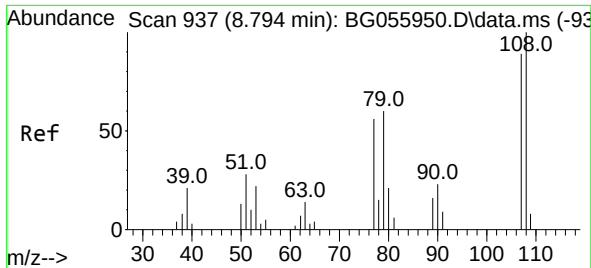
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.330 ng
RT: 8.884 min Scan# 952
Delta R.T. -0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Tgt Ion: 45 Resp: 24994
Ion Ratio Lower Upper
45 100
77 13.6 0.0 33.4
79 12.6 0.0 31.8





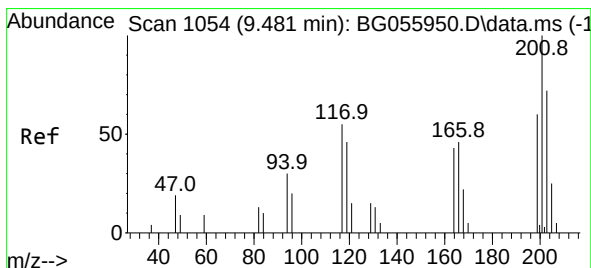
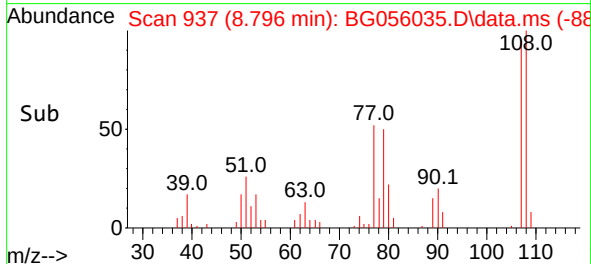
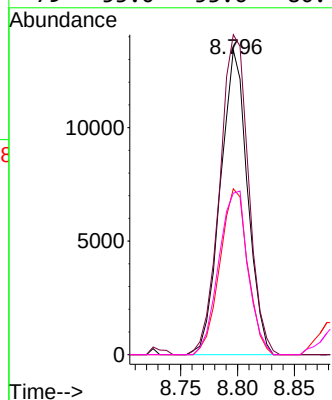
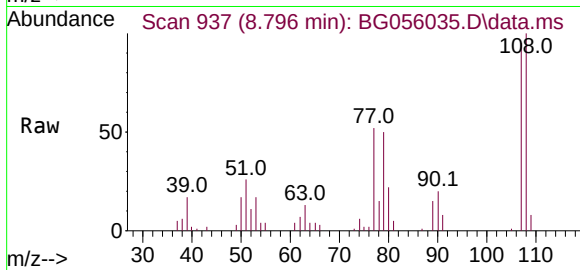
#17
2-Methylphenol
Concen: 43.570 ng
RT: 8.796 min Scan# 937
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Instrument :
BNA_G
ClientSampleId :
72-11977MSD

Tgt Ion:107 Resp: 22296
Ion Ratio Lower Upper
107 100
108 105.1 89.8 134.8
77 54.5 50.2 75.2
79 53.0 53.6 80.4#

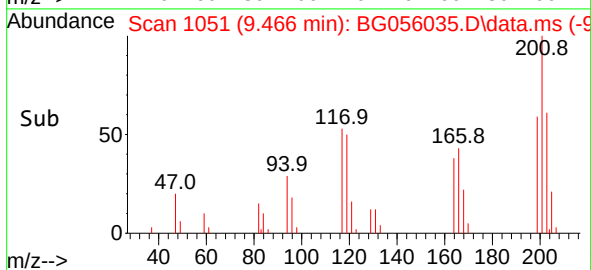
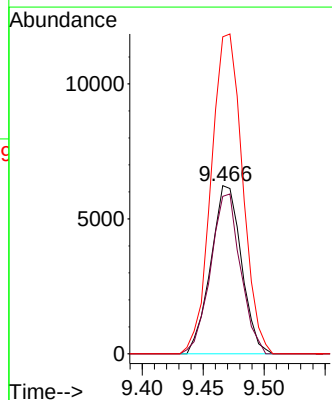
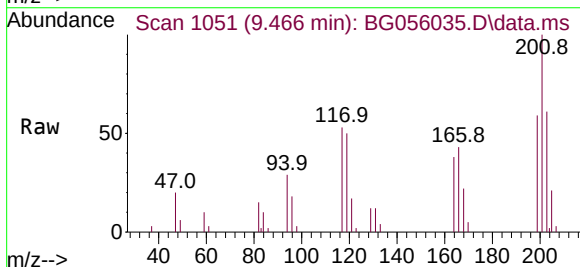
Manual Integrations
APPROVED

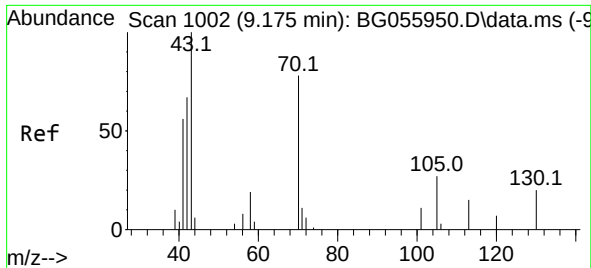
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#18
Hexachloroethane
Concen: 45.457 ng
RT: 9.466 min Scan# 1051
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Tgt Ion:117 Resp: 10874
Ion Ratio Lower Upper
117 100
119 93.6 66.8 100.2
201 188.4 144.6 217.0





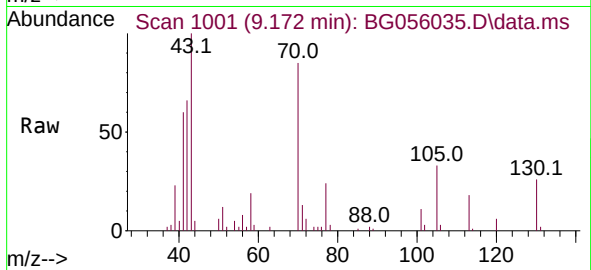
#19
n-Nitroso-di-n-propylamine
Concen: 39.898 ng
RT: 9.172 min Scan# 1002
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

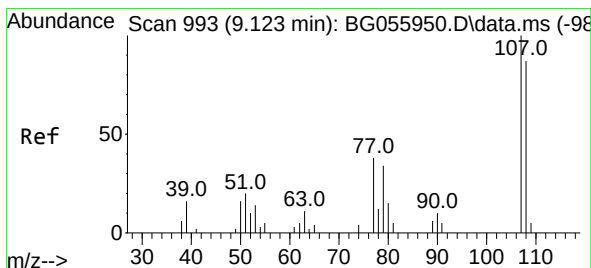
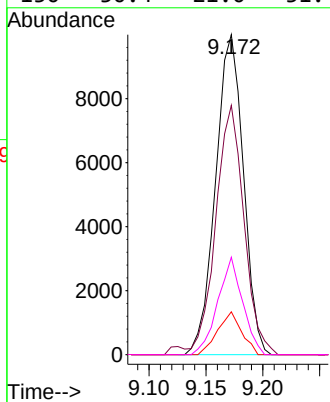
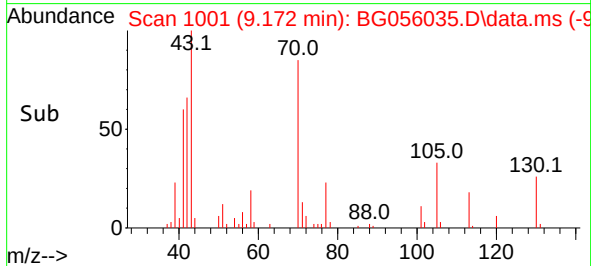


Tgt Ion: 70 Resp: 16995
Ion Ratio Lower Upper
70 100
42 77.9 69.0 103.4
101 13.4 11.8 17.8
130 30.4 21.0 31.4

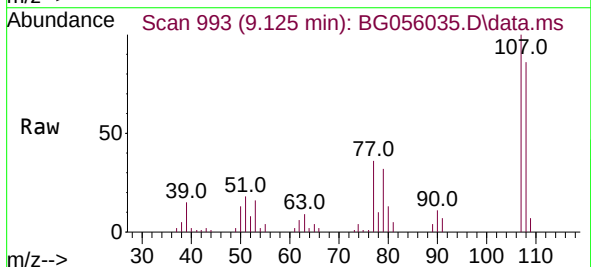
Manual Integrations

APPROVED

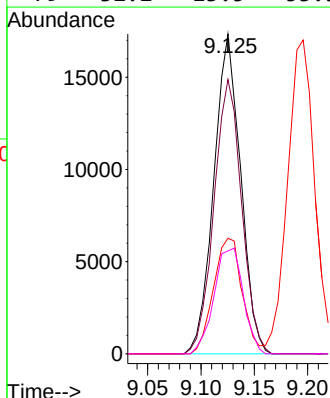
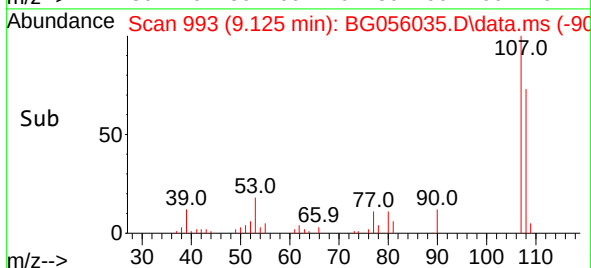
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

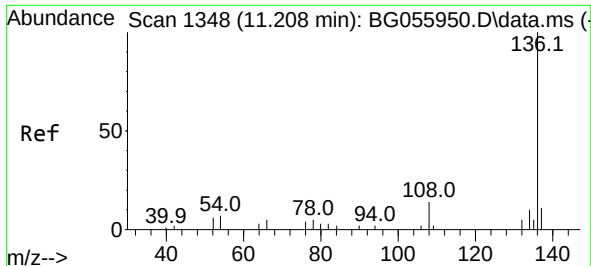


#20
3+4-Methylphenols
Concen: 41.585 ng
RT: 9.125 min Scan# 993
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28



Tgt Ion:107 Resp: 30368
Ion Ratio Lower Upper
107 100
108 85.7 67.0 107.0
77 36.1 18.3 58.3
79 32.2 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.199 min Scan# 1348
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

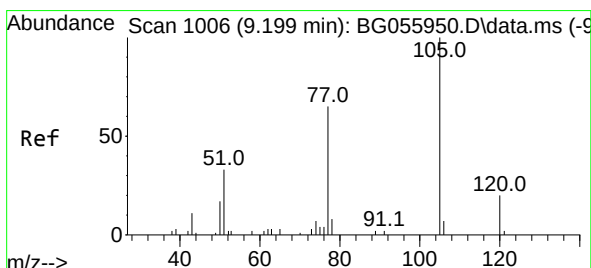
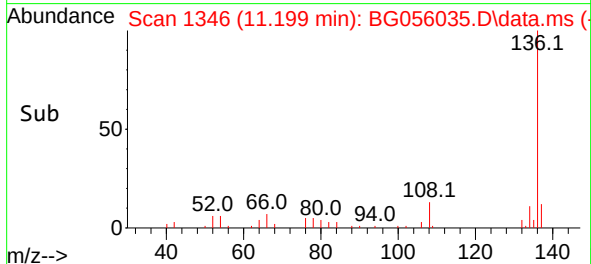
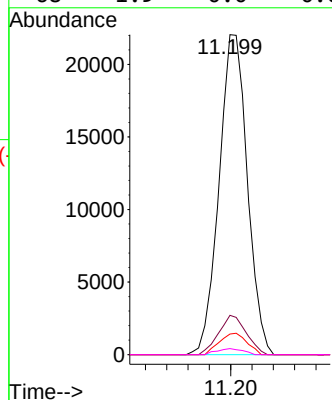
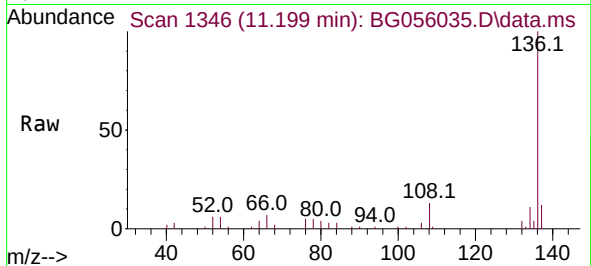
72-11977MSD

Tgt Ion:136 Resp: 40685
Ion Ratio Lower Upper
136 100
137 12.3 9.2 13.8
54 6.4 5.6 8.4
68 1.9 0.0 0.0#

Manual Integrations

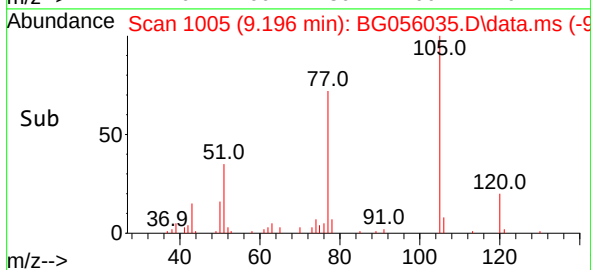
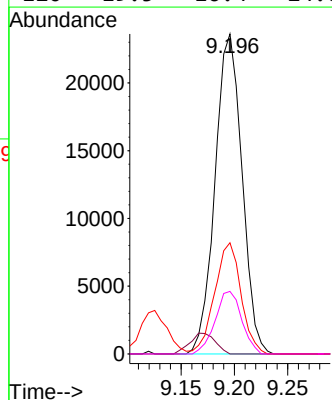
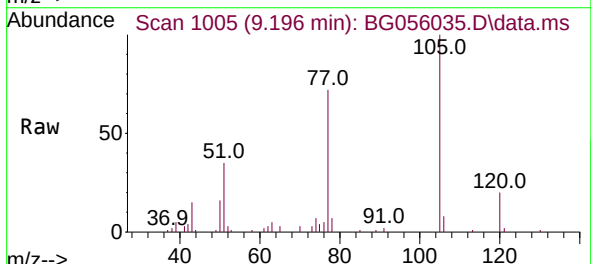
APPROVED

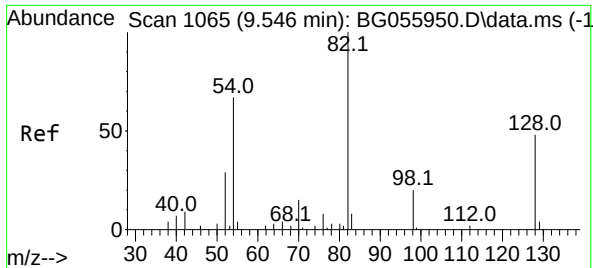
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#22
Acetophenone
Concen: 41.244 ng
RT: 9.196 min Scan# 1005
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Tgt Ion:105 Resp: 41597
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 34.7 26.7 40.1
120 19.5 16.4 24.6





#23

Nitrobenzene-d5

Concen: 85.398 ng

RT: 9.542 min Scan# 1064

Delta R.T. 0.003 min

Lab File: BG056035.D

Acq: 20 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

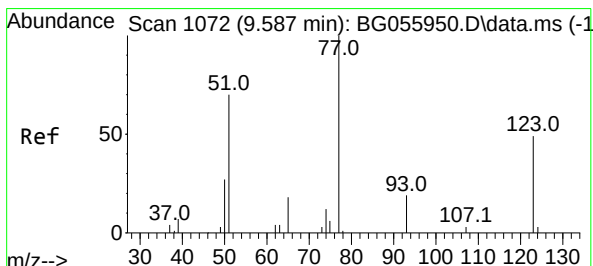
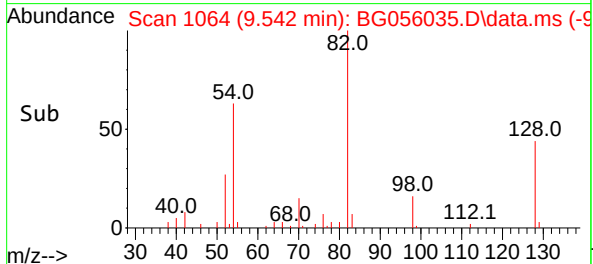
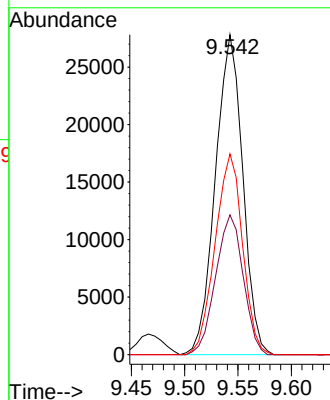
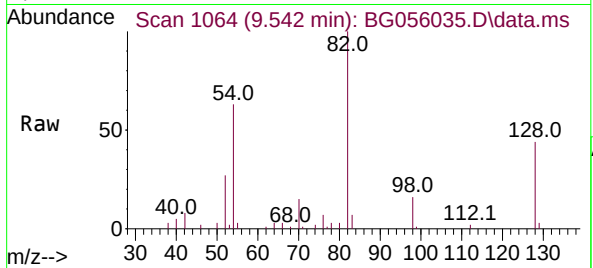
72-11977MSD

Tgt Ion: 82 Resp: 49718
 Ion Ratio Lower Upper
 82 100
 128 43.7 38.4 57.6
 54 62.7 53.3 79.9

Manual Integrations

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Reviewed By :Christian Giraldo 12/21/2022
 Supervised By :Jagrut Upadhyay 12/21/2022



#24

Nitrobenzene

Concen: 48.221 ng

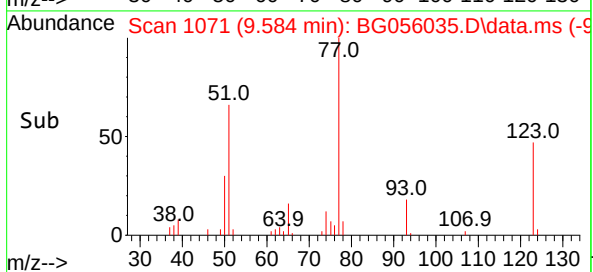
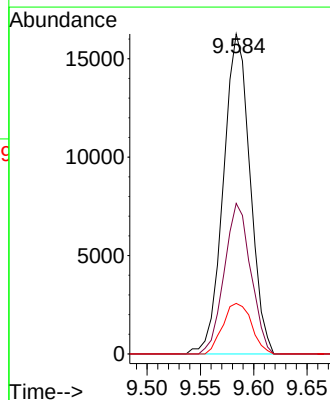
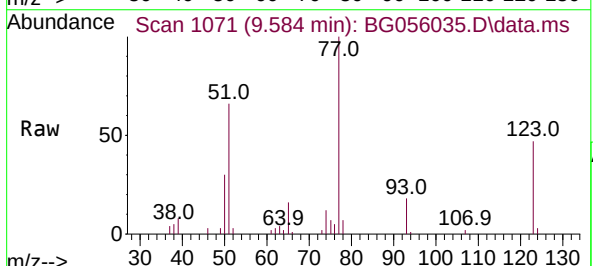
RT: 9.584 min Scan# 1071

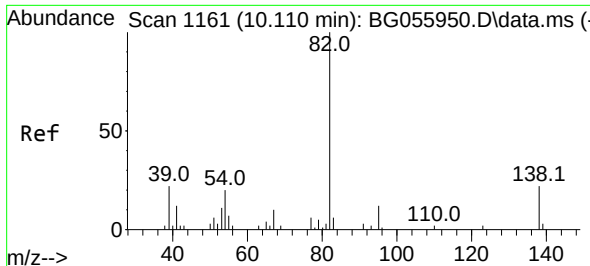
Delta R.T. 0.003 min

Lab File: BG056035.D

Acq: 20 Dec 2022 18:28

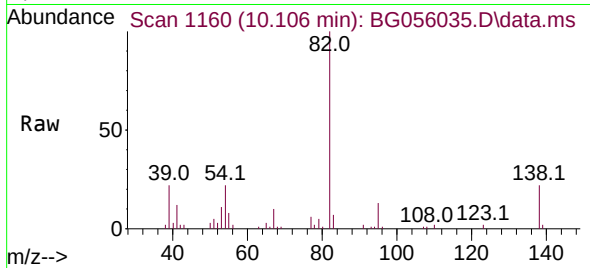
Tgt Ion: 77 Resp: 28258
 Ion Ratio Lower Upper
 77 100
 123 47.0 38.9 58.3
 65 15.8 14.7 22.1





#25
Isophorone
Concen: 39.785 ng
RT: 10.106 min Scan# 1160
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

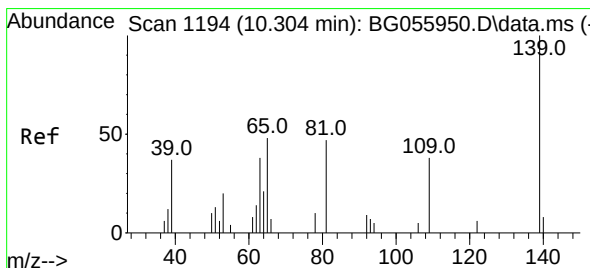
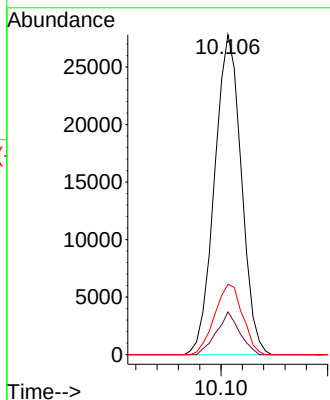
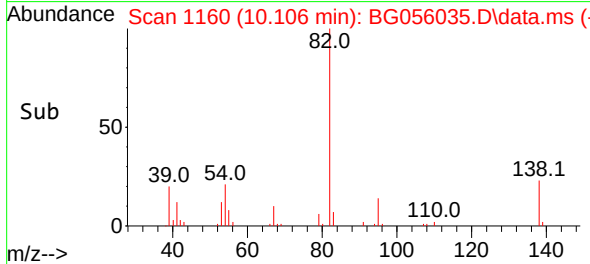
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



Tgt Ion: 82 Resp: 48576
Ion Ratio Lower Upper
82 100
95 13.3 9.4 14.0
138 22.0 17.7 26.5

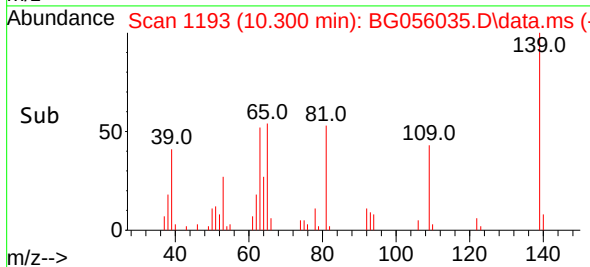
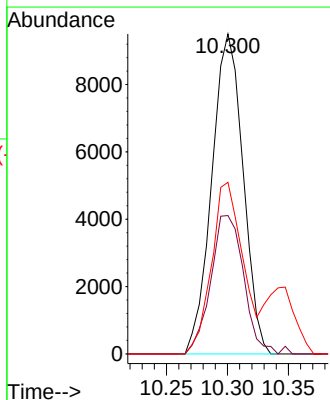
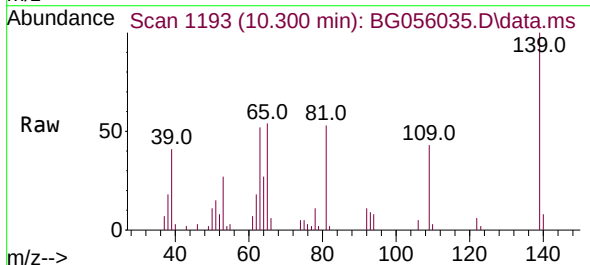
Manual Integrations
APPROVED

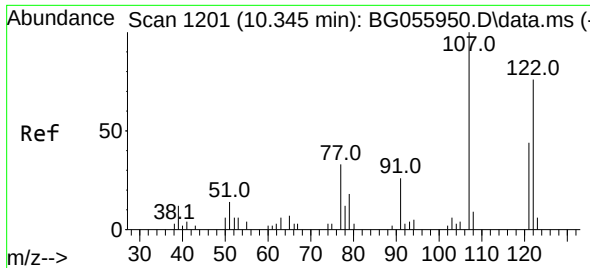
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#26
2-Nitrophenol
Concen: 48.866 ng
RT: 10.300 min Scan# 1193
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

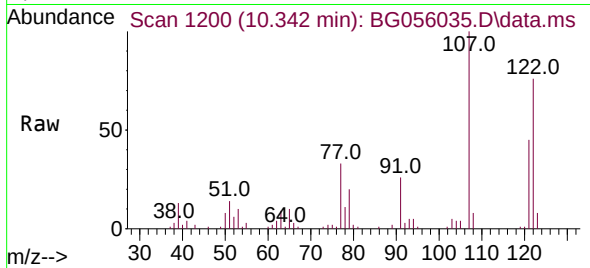
Tgt Ion:139 Resp: 16952
Ion Ratio Lower Upper
139 100
109 43.2 30.7 46.1
65 53.6 38.8 58.2





#27
2,4-Dimethylphenol
Concen: 46.530 ng m
RT: 10.342 min Scan# 1200
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

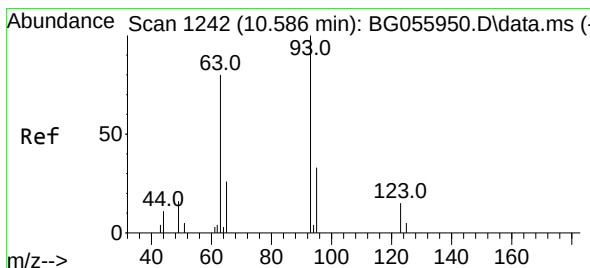
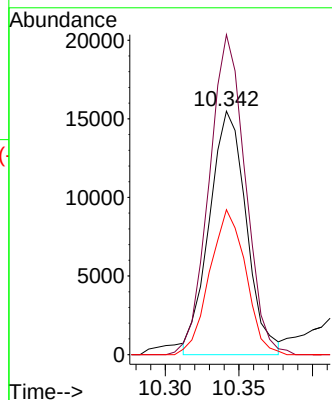
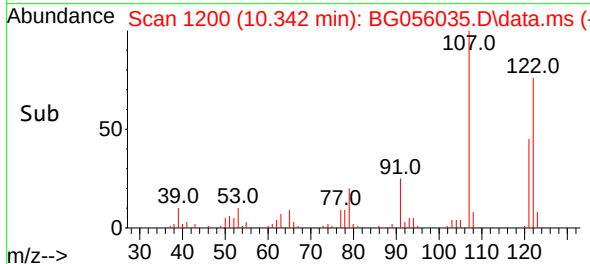
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



Tgt Ion:122 Resp: 27109
Ion Ratio Lower Upper
122 100
107 131.4 105.9 158.9
121 59.5 46.1 69.1

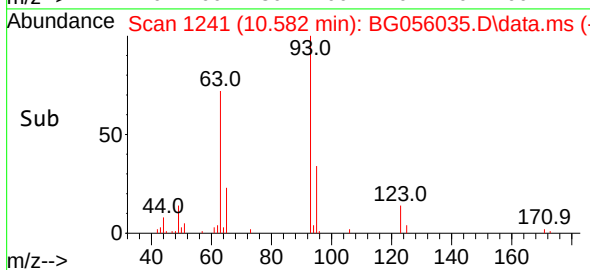
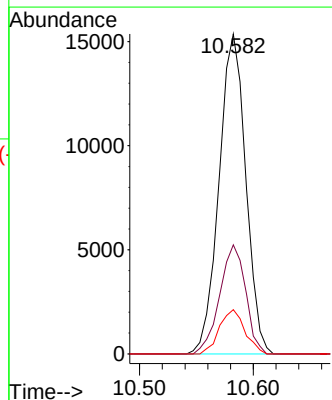
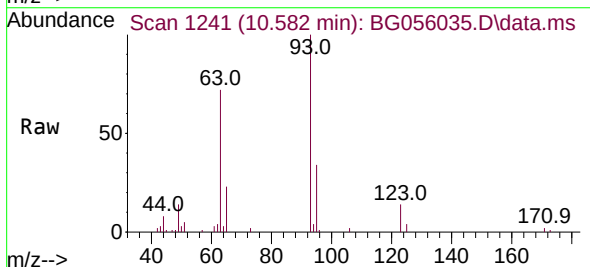
Manual Integrations
APPROVED

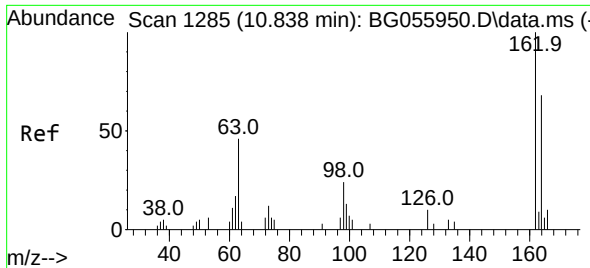
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#28
bis(2-Chloroethoxy)methane
Concen: 46.470 ng
RT: 10.582 min Scan# 1241
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

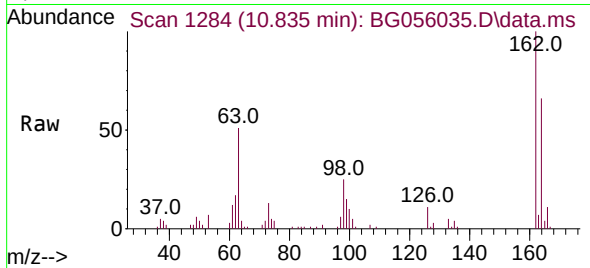
Tgt Ion: 93 Resp: 25073
Ion Ratio Lower Upper
93 100
95 34.1 26.3 39.5
123 13.8 12.2 18.2





#29
2,4-Dichlorophenol
Concen: 42.420 ng
RT: 10.835 min Scan# 1284
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

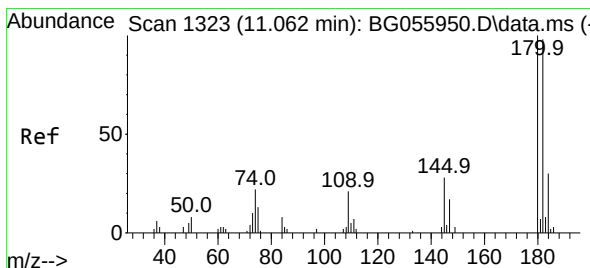
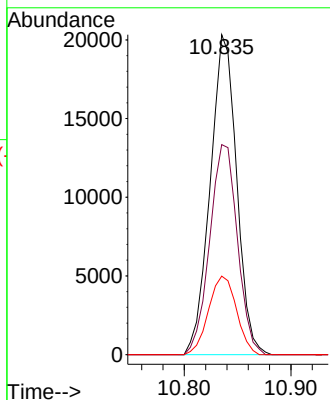
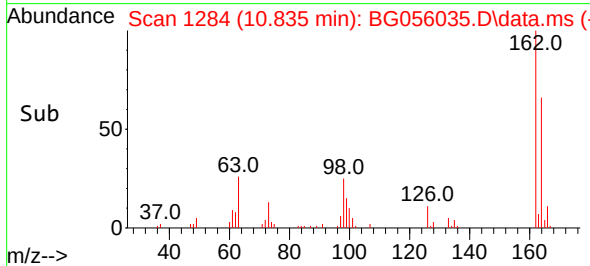
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



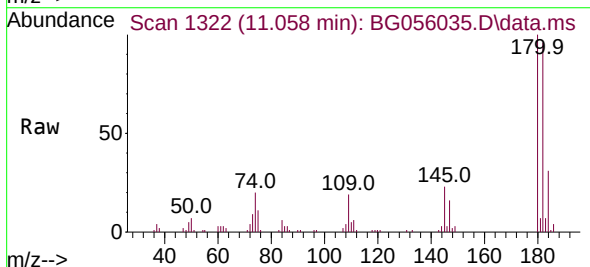
Tgt Ion:162 Resp: 35078
Ion Ratio Lower Upper
162 100
164 65.6 47.5 87.5
98 24.5 4.3 44.3

Manual Integrations
APPROVED

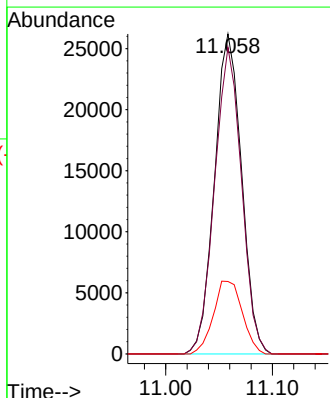
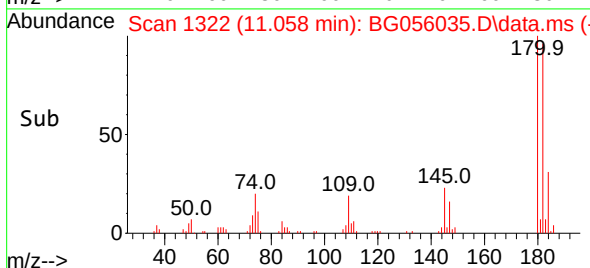
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

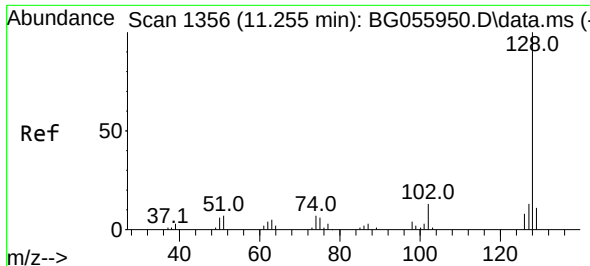


#30
1,2,4-Trichlorobenzene
Concen: 42.971 ng
RT: 11.058 min Scan# 1322
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28



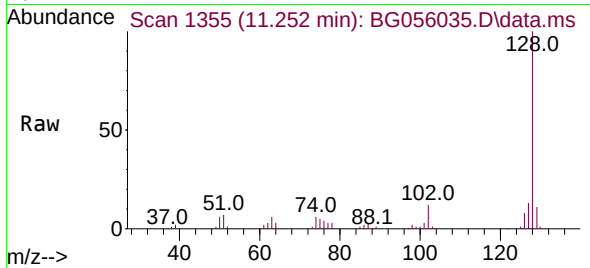
Tgt Ion:180 Resp: 46192
Ion Ratio Lower Upper
180 100
182 95.8 78.1 117.1
145 22.6 22.4 33.6





#31
Naphthalene
Concen: 41.536 ng
RT: 11.252 min Scan# 1356
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

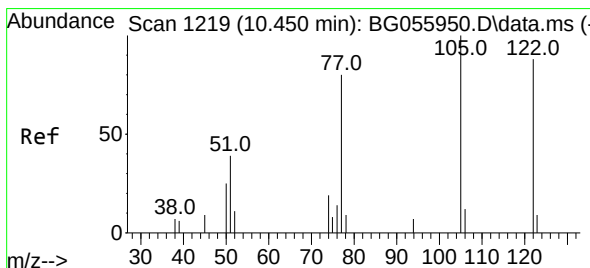
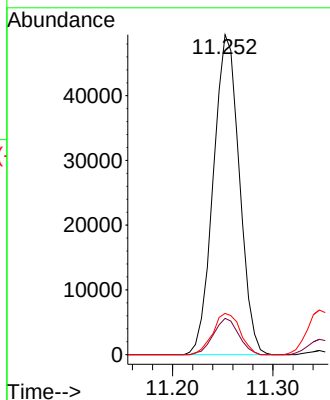
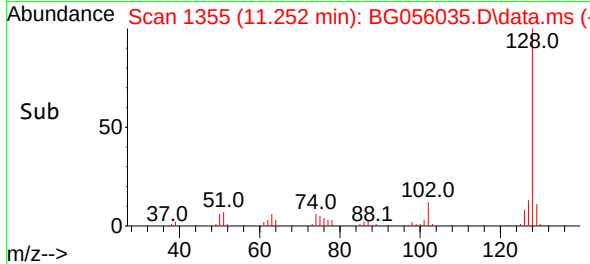
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



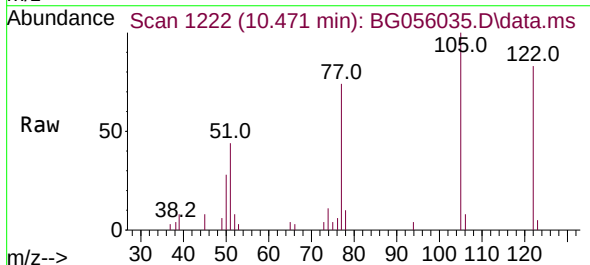
Tgt Ion:128 Resp: 89166
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 12.9 10.3 15.5

Manual Integrations
APPROVED

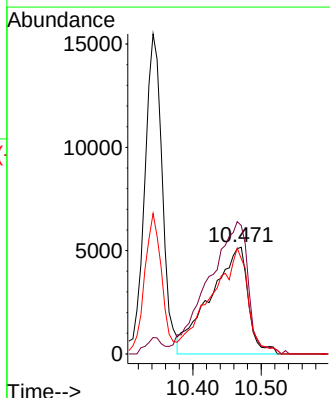
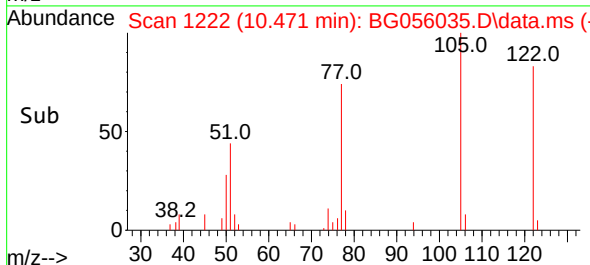
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

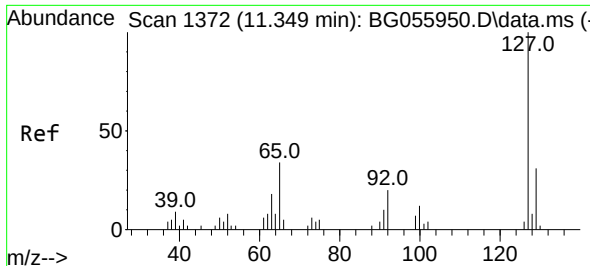


#32
Benzoic acid
Concen: 40.868 ng m
RT: 10.471 min Scan# 1222
Delta R.T. 0.014 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28



Tgt Ion:122 Resp: 19949
Ion Ratio Lower Upper
122 100
105 120.5 90.6 130.6
77 89.4 61.0 101.0





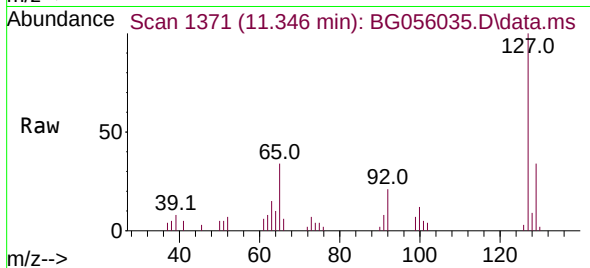
#33
4-Chloroaniline
Concen: 14.043 ng
RT: 11.346 min Scan# 1371
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

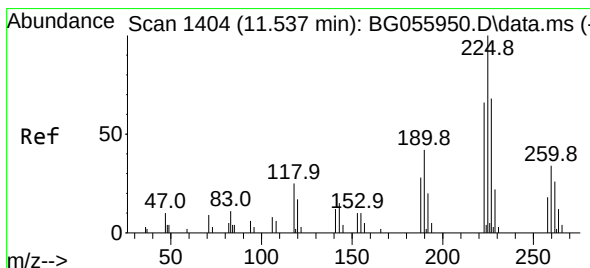
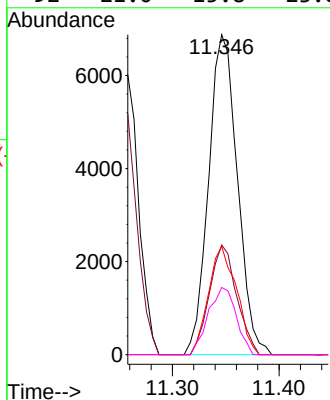
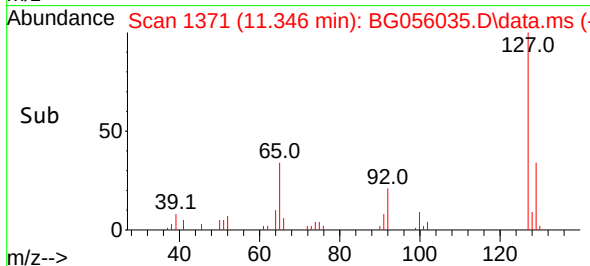


Tgt Ion:127 Resp: 12924
Ion Ratio Lower Upper
127 100
129 34.3 24.5 36.7
65 33.8 27.1 40.7
92 21.0 15.8 23.8

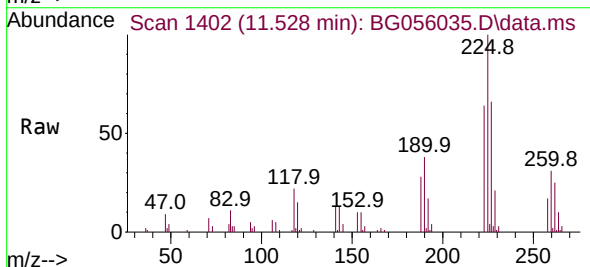
Manual Integrations

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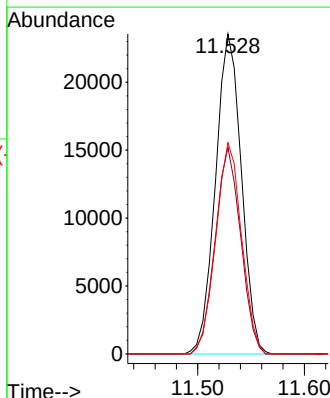
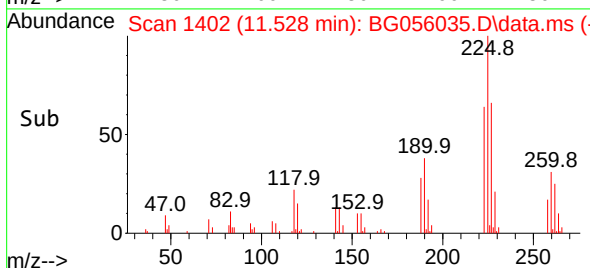
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

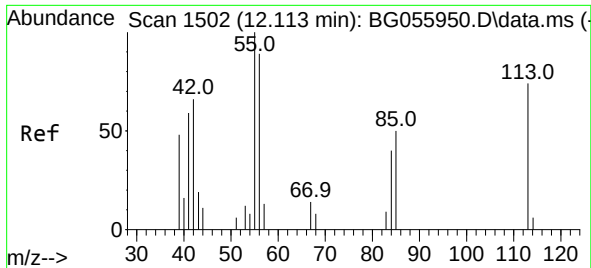


#34
Hexachlorobutadiene
Concen: 39.328 ng
RT: 11.528 min Scan# 1402
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28



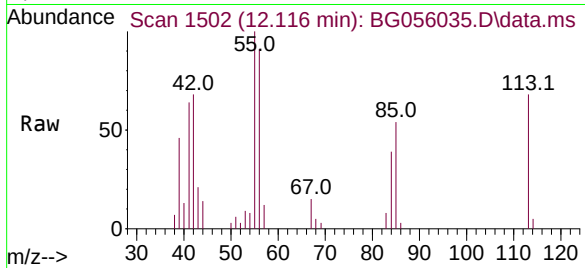
Tgt Ion:225 Resp: 39745
Ion Ratio Lower Upper
225 100
223 64.5 53.2 79.8
227 66.0 54.7 82.1





#35
Caprolactam
Concen: 37.388 ng m
RT: 12.116 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

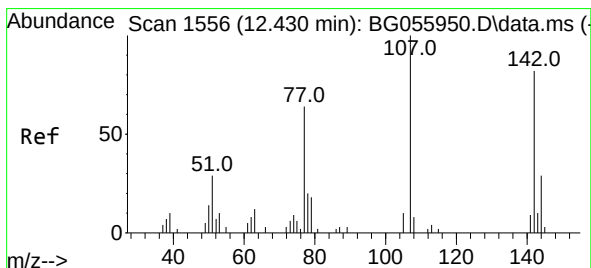
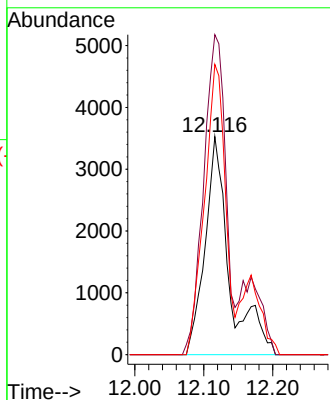
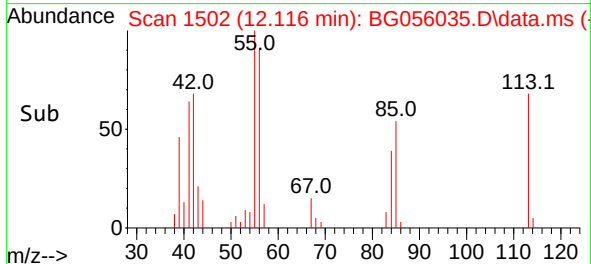
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



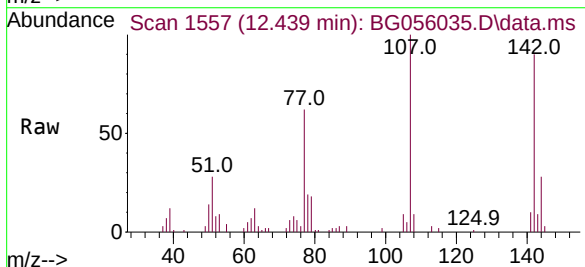
Tgt Ion:113 Resp: 8614
Ion Ratio Lower Upper
113 100
55 146.8 114.8 154.8
56 133.0 99.8 139.8

Manual Integrations
APPROVED

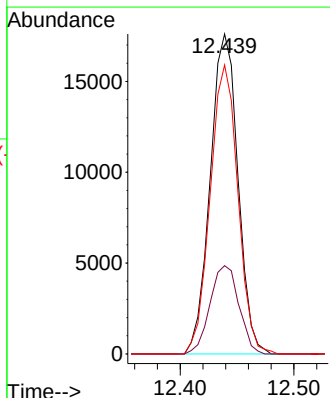
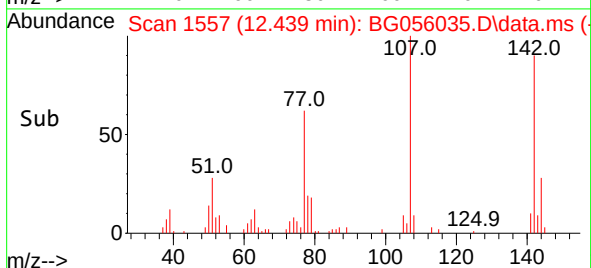
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

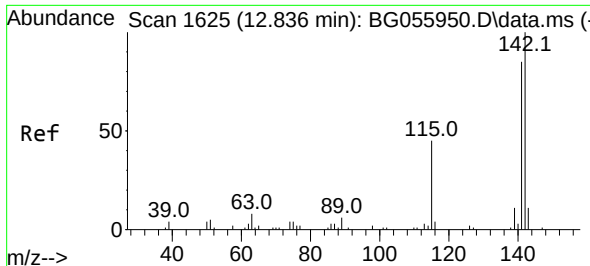


#36
4-Chloro-3-methylphenol
Concen: 38.453 ng
RT: 12.439 min Scan# 1557
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28



Tgt Ion:107 Resp: 29817
Ion Ratio Lower Upper
107 100
144 27.6 23.3 34.9
142 90.3 65.6 98.4





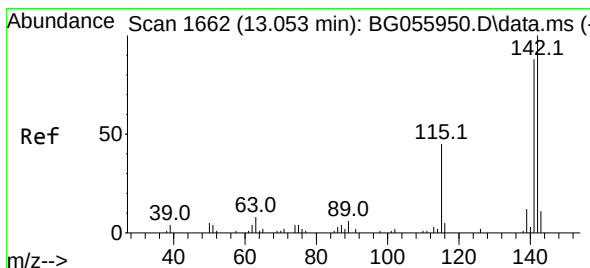
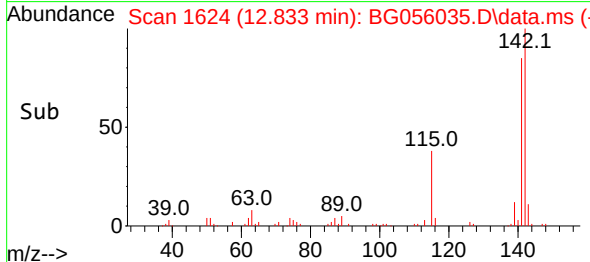
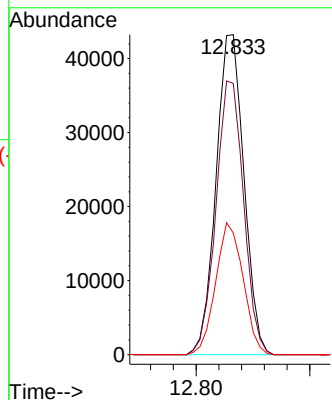
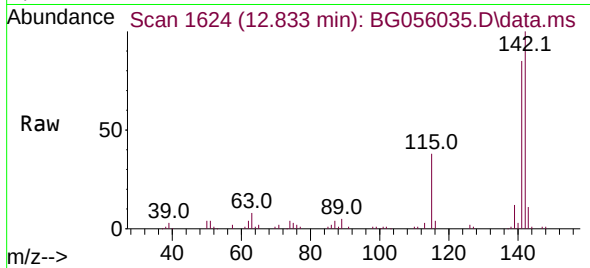
#37
2-Methylnaphthalene
Concen: 38.799 ng
RT: 12.833 min Scan# 1625
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Instrument :
BNA_G
ClientSampleId :
72-11977MSD

Tgt Ion:142 Resp: 7358
Ion Ratio Lower Upper
142 100
141 84.7 67.8 101.6
115 38.0 35.7 53.5

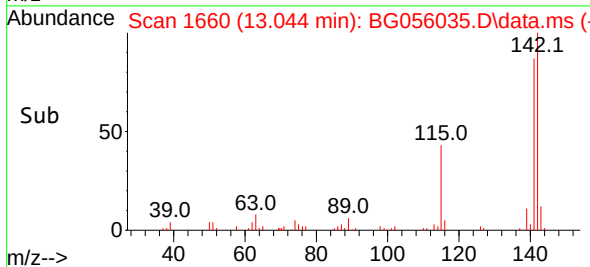
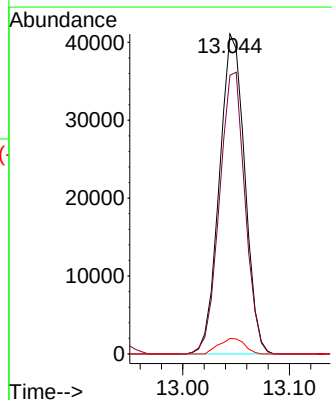
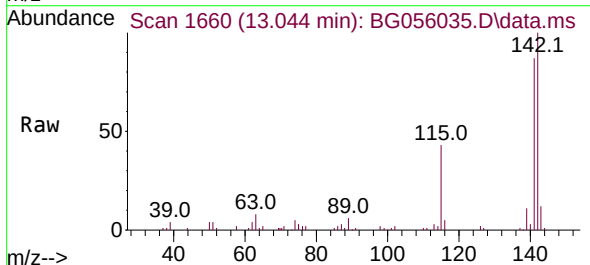
Manual Integrations
APPROVED

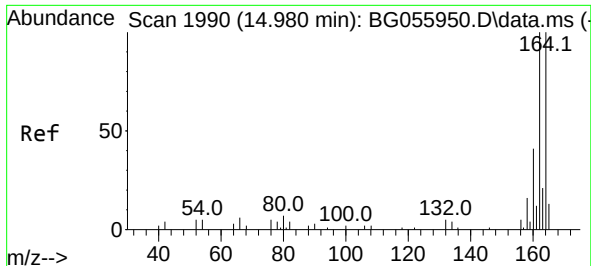
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#38
1-Methylnaphthalene
Concen: 36.853 ng
RT: 13.044 min Scan# 1660
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

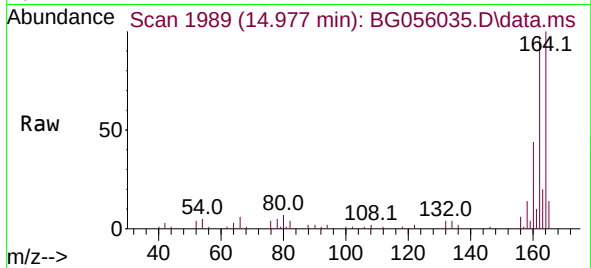
Tgt Ion:142 Resp: 68092
Ion Ratio Lower Upper
142 100
141 87.1 70.2 105.2
116 4.8 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.977 min Scan# 1990
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

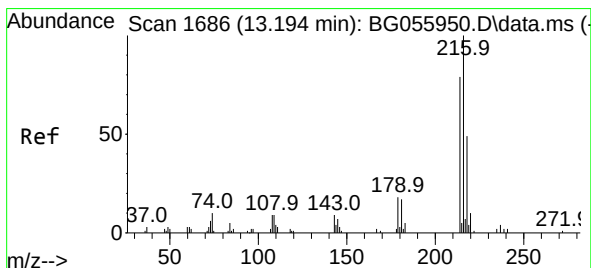
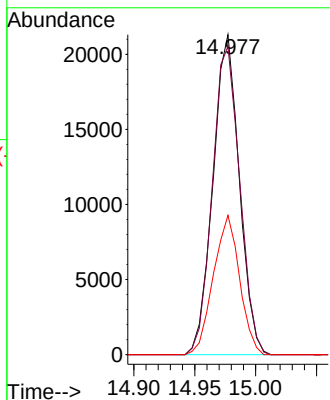
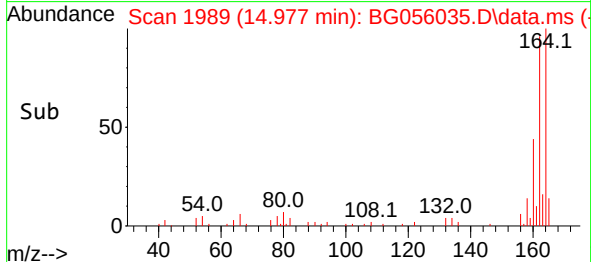
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



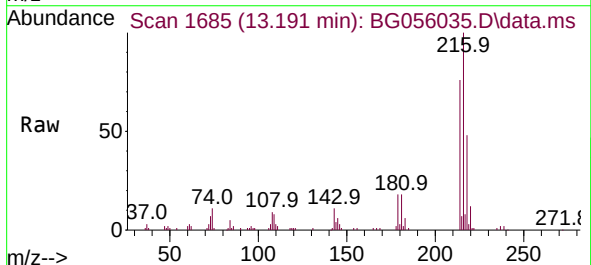
Tgt Ion:164 Resp: 31997
Ion Ratio Lower Upper
164 100
162 96.3 79.8 119.8
160 43.5 33.0 49.4

Manual Integrations
APPROVED

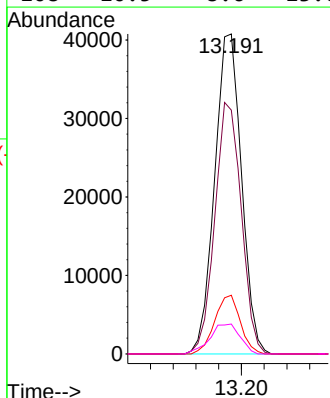
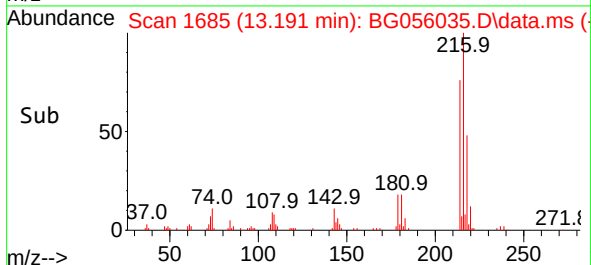
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

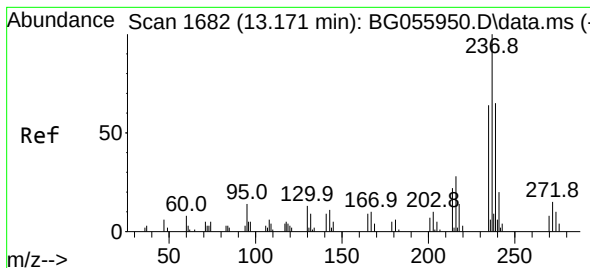


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.472 ng
RT: 13.191 min Scan# 1685
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28



Tgt Ion:216 Resp: 66787
Ion Ratio Lower Upper
216 100
214 77.2 61.5 92.3
179 17.5 14.6 21.8
108 10.5 8.6 13.0





#41

Hexachlorocyclopentadiene

Concen: 43.191 ng

RT: 13.168 min Scan# 1682

Delta R.T. 0.003 min

Lab File: BG056035.D

Acq: 20 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

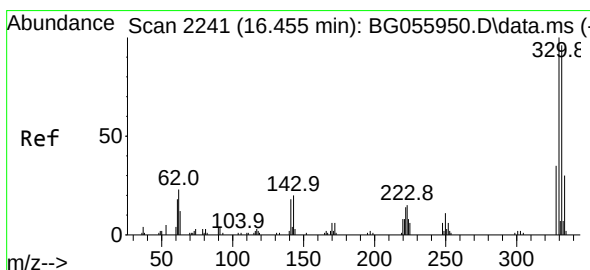
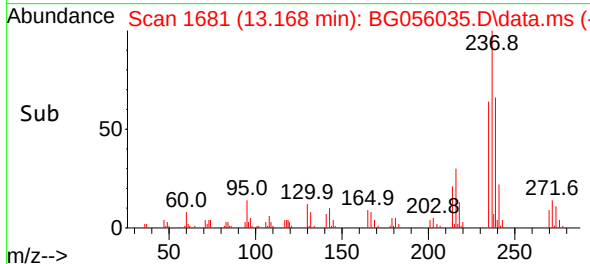
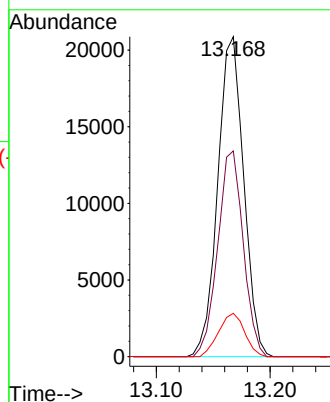
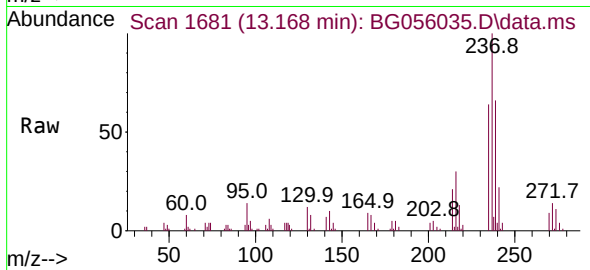
72-11977MSD

Tgt Ion:237	Resp:	33079
Ion Ratio	Lower	Upper
237	100	
235	64.3	43.7 83.7
272	13.5	0.0 35.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#42

2,4,6-Tribromophenol

Concen: 114.607 ng

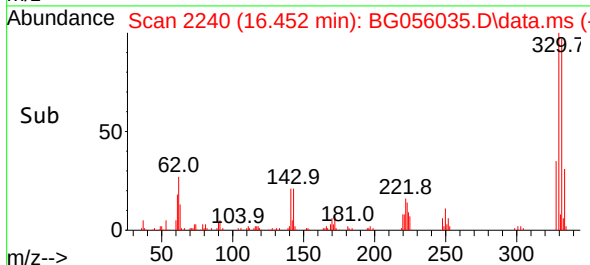
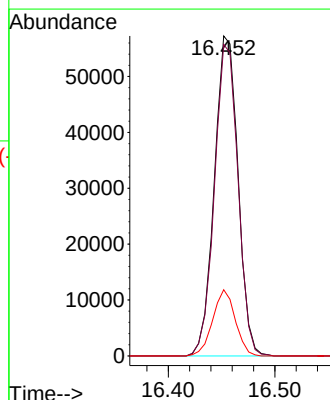
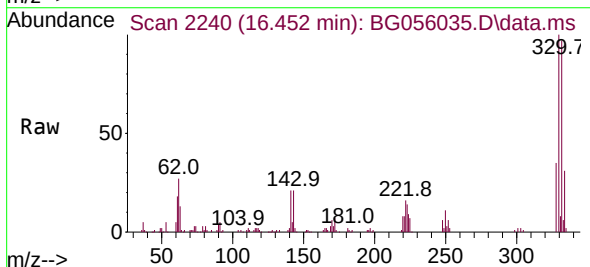
RT: 16.452 min Scan# 2240

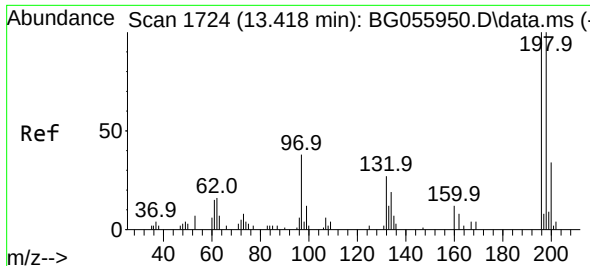
Delta R.T. 0.003 min

Lab File: BG056035.D

Acq: 20 Dec 2022 18:28

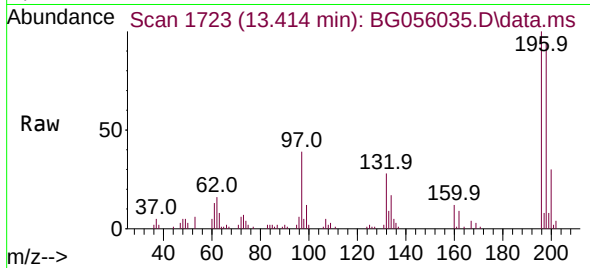
Tgt Ion:330	Resp:	88424
Ion Ratio	Lower	Upper
330	100	
332	96.6	76.6 114.8
141	19.7	15.0 22.4





#43
2,4,6-Trichlorophenol
Concen: 47.476 ng
RT: 13.414 min Scan# 1724
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

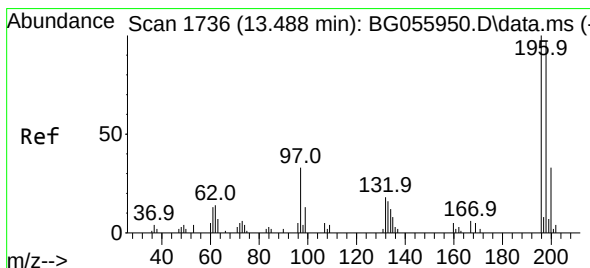
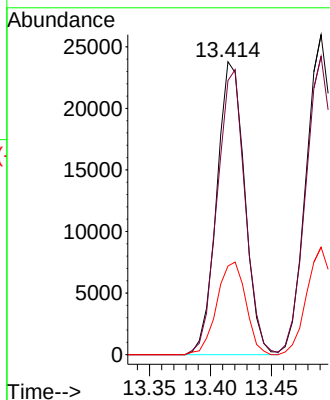
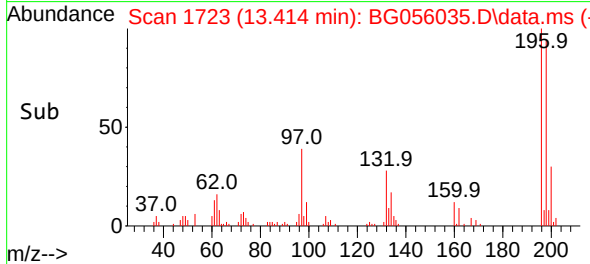
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



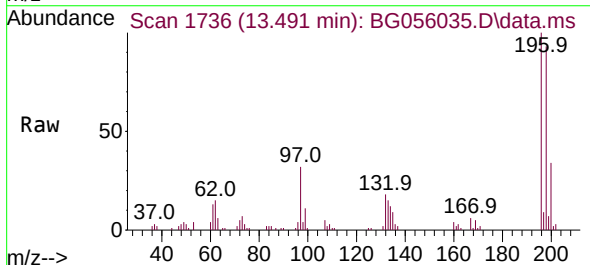
Tgt Ion:196 Resp: 37940
Ion Ratio Lower Upper
196 100
198 93.6 80.2 120.4
200 30.2 27.6 41.4

Manual Integrations
APPROVED

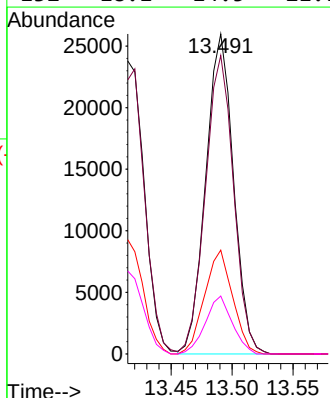
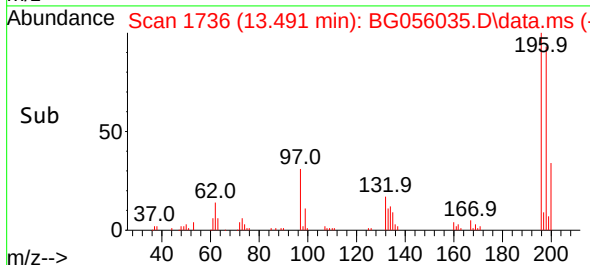
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

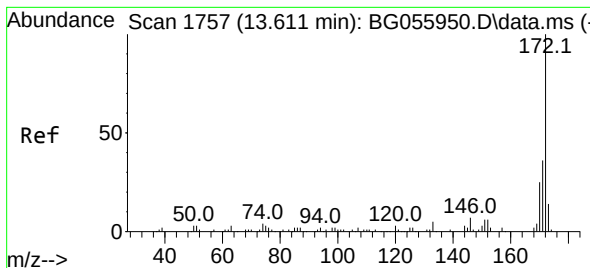


#44
2,4,5-Trichlorophenol
Concen: 45.672 ng
RT: 13.491 min Scan# 1736
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28



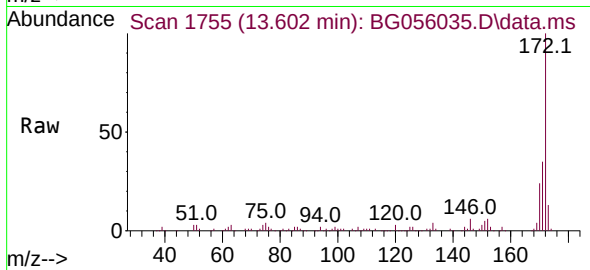
Tgt Ion:196 Resp: 41143
Ion Ratio Lower Upper
196 100
198 93.2 78.0 117.0
97 32.4 26.0 39.0
132 18.1 14.5 21.7





#45
2-Fluorobiphenyl
Concen: 69.470 ng
RT: 13.602 min Scan# 1755
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

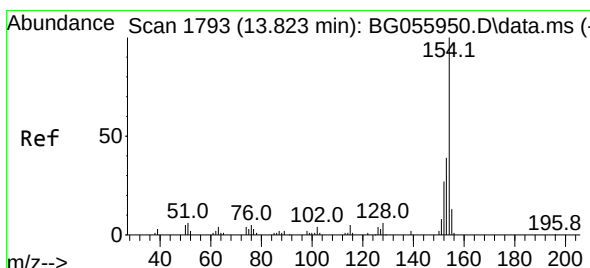
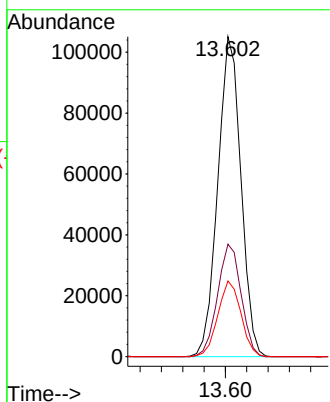
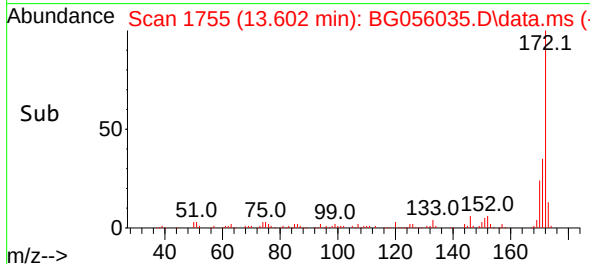
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



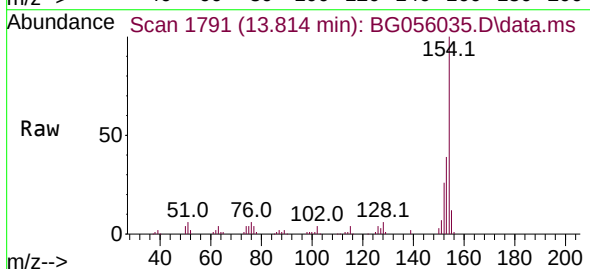
Tgt Ion:172 Resp: 158492
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.6 19.9 29.9

Manual Integrations
APPROVED

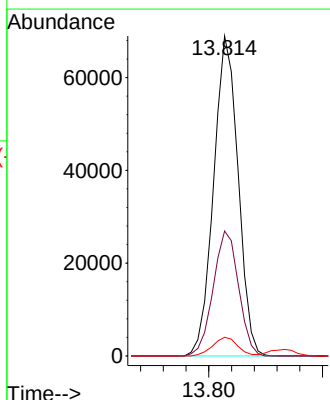
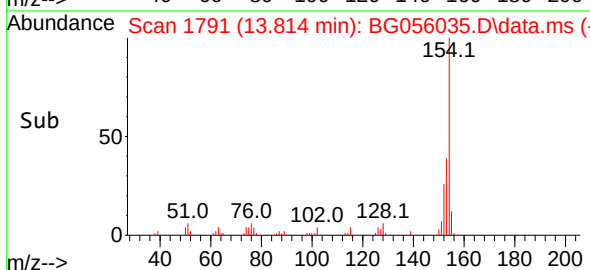
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

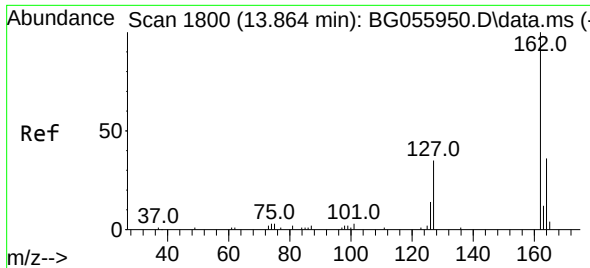


#46
1,1'-Biphenyl
Concen: 47.434 ng
RT: 13.814 min Scan# 1791
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28



Tgt Ion:154 Resp: 102876
Ion Ratio Lower Upper
154 100
153 39.1 19.5 59.5
76 5.8 0.0 25.5





#47
2-Chloronaphthalene
Concen: 45.977 ng
RT: 13.867 min Scan# 1800
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

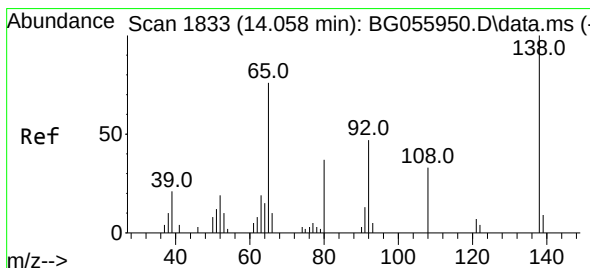
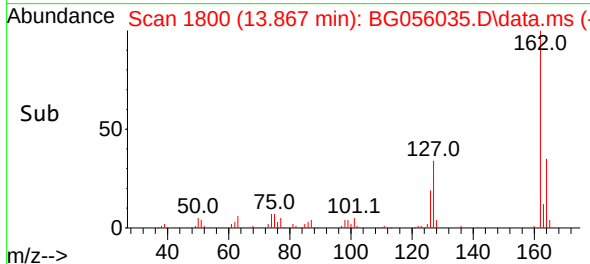
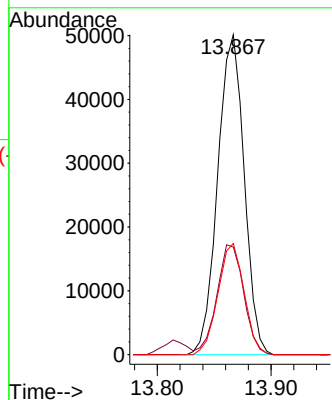
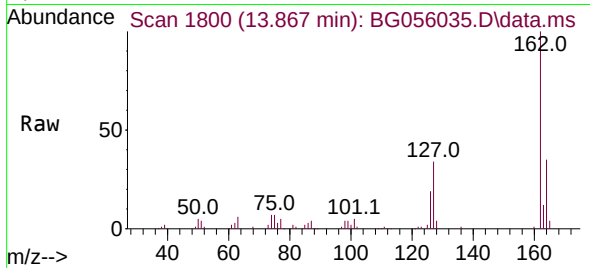
72-11977MSD

Tgt Ion:162 Resp: 81023
Ion Ratio Lower Upper
162 100
127 33.6 31.0 46.4
164 34.7 28.6 42.8

Manual Integrations

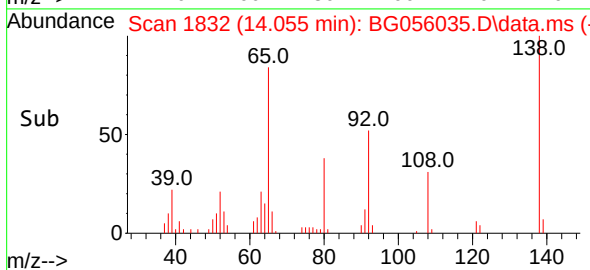
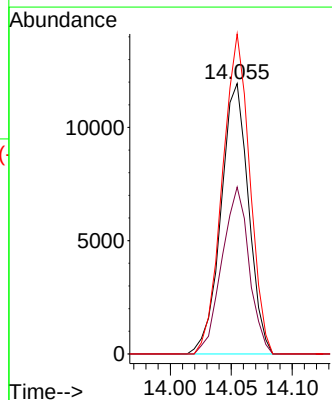
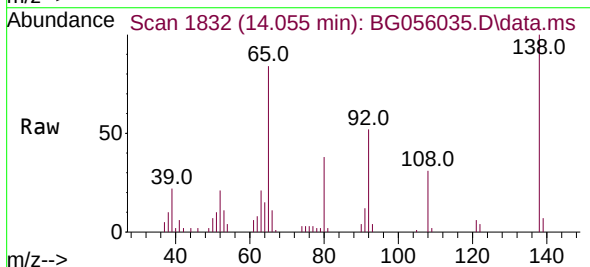
APPROVED

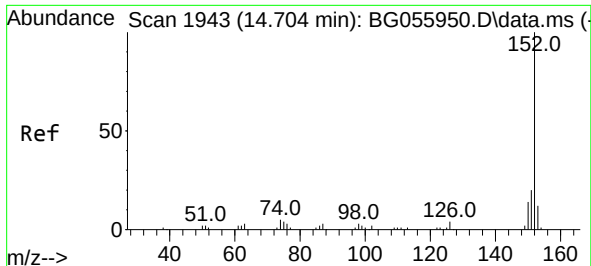
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#48
2-Nitroaniline
Concen: 53.682 ng
RT: 14.055 min Scan# 1832
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

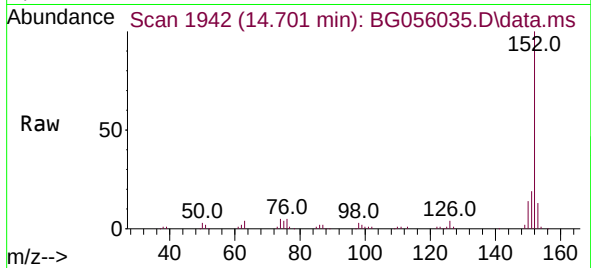
Tgt Ion: 65 Resp: 18772
Ion Ratio Lower Upper
65 100
92 61.7 49.7 74.5
138 118.4 105.0 157.6





#49
Acenaphthylene
Concen: 45.933 ng
RT: 14.701 min Scan# 1943
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

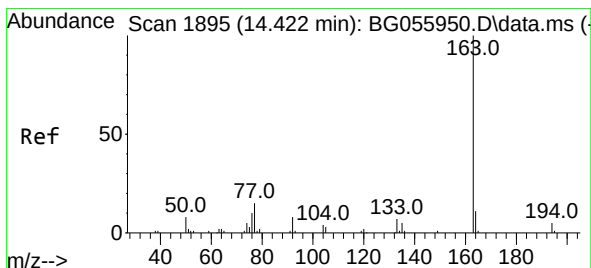
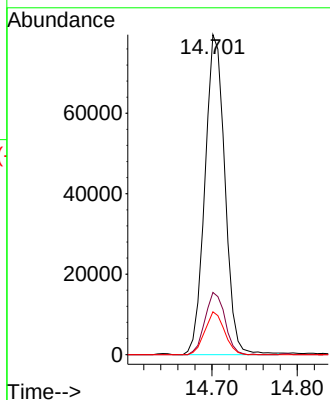
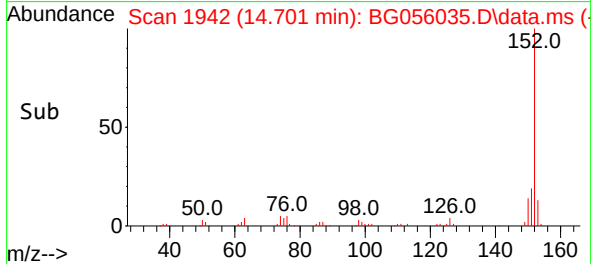
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



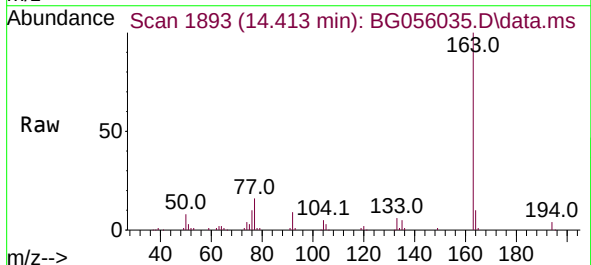
Tgt Ion:152 Resp: 129206
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.8
153 13.4 10.0 15.0

Manual Integrations
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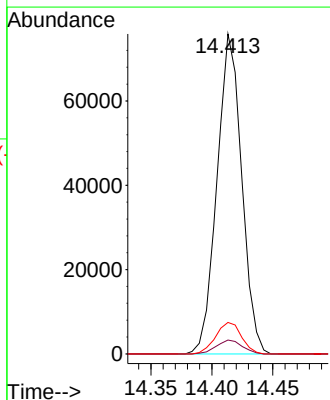
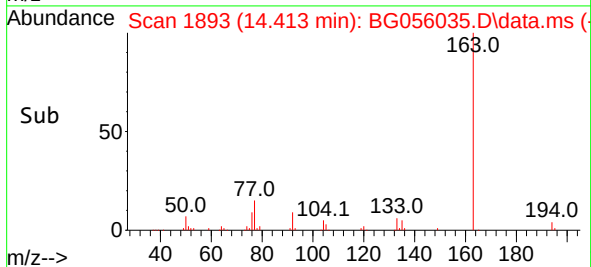
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

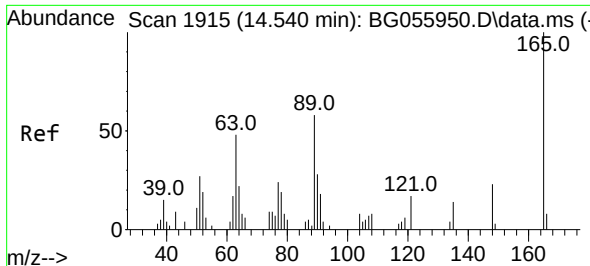


#50
Dimethylphthalate
Concen: 38.654 ng
RT: 14.413 min Scan# 1893
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28



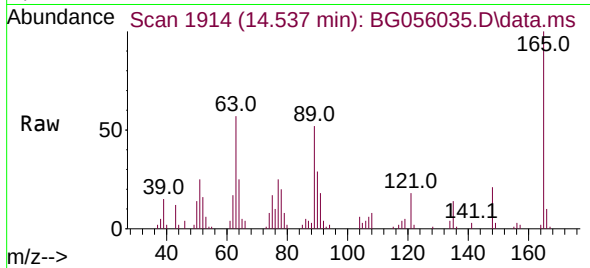
Tgt Ion:163 Resp: 106929
Ion Ratio Lower Upper
163 100
194 4.3 3.8 5.6
164 9.8 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 52.340 ng
RT: 14.537 min Scan# 1915
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

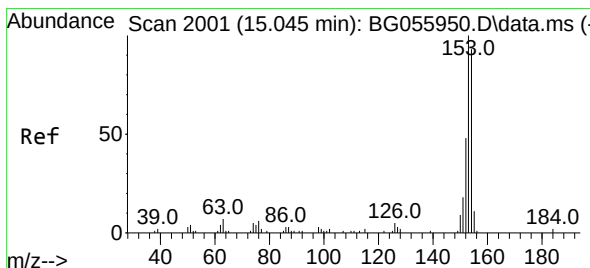
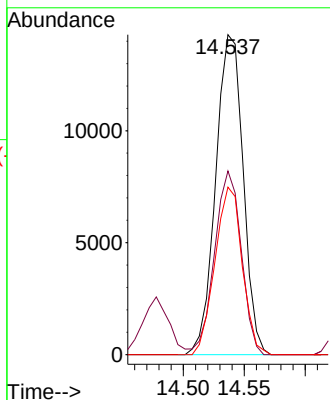
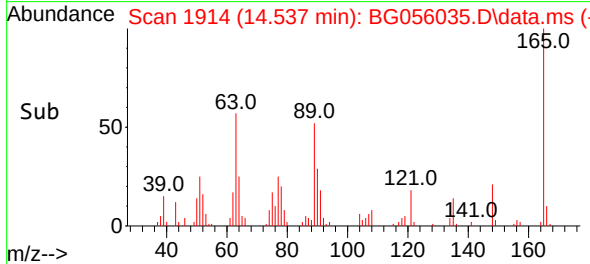
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



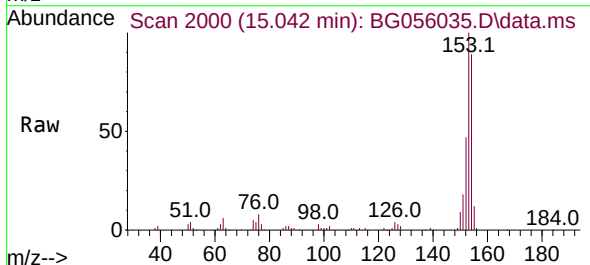
Tgt Ion:165 Resp: 22406
Ion Ratio Lower Upper
165 100
63 57.4 38.3 57.5
89 52.4 46.3 69.5

Manual Integrations
APPROVED

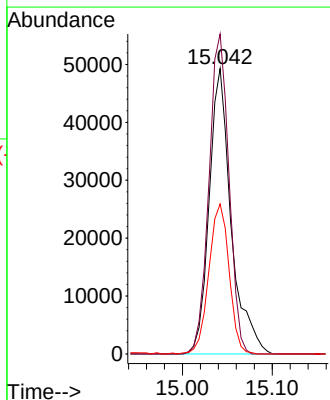
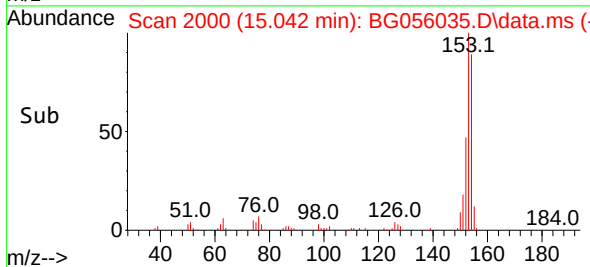
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

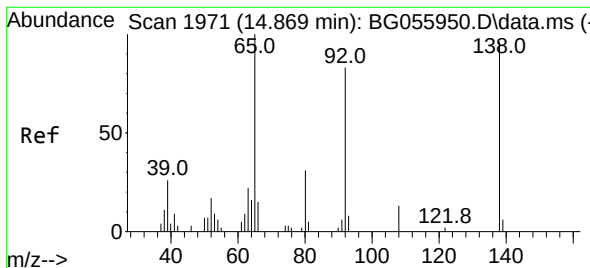


#52
Acenaphthene
Concen: 44.596 ng
RT: 15.042 min Scan# 2000
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28



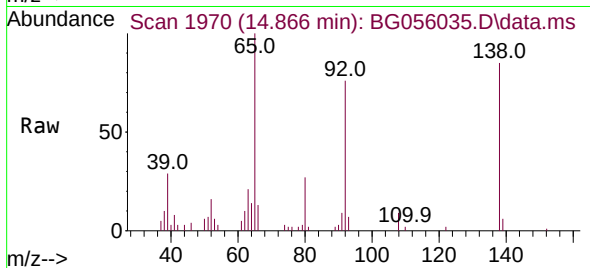
Tgt Ion:154 Resp: 84216
Ion Ratio Lower Upper
154 100
153 112.2 86.2 129.2
152 52.6 41.4 62.0





#53
3-Nitroaniline
Concen: 31.739 ng
RT: 14.866 min Scan# 1971
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

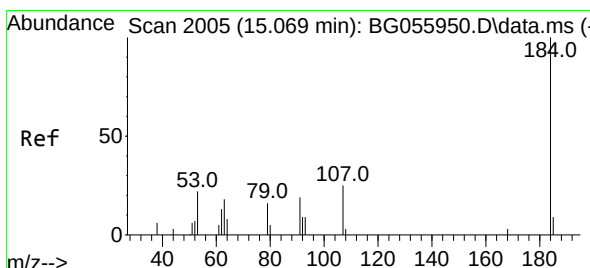
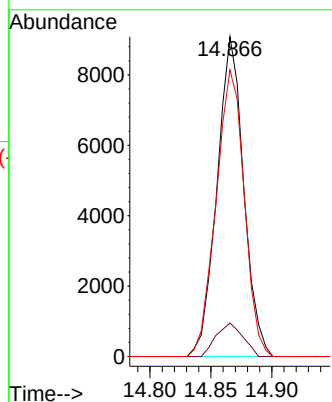
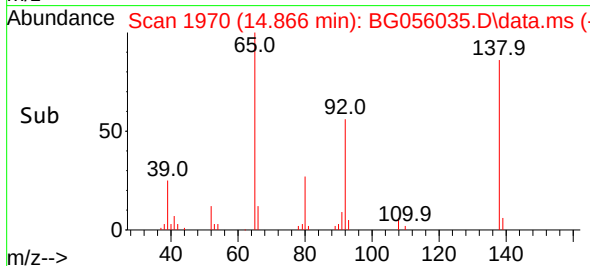
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



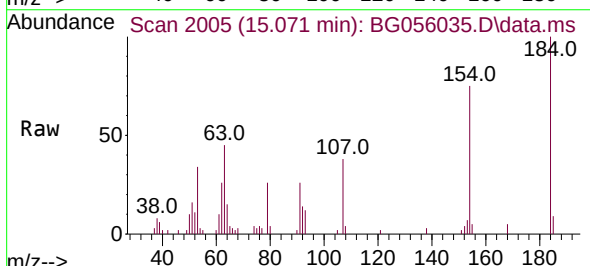
Tgt Ion:138 Resp: 13820
Ion Ratio Lower Upper
138 100
108 10.5 10.9 16.3#
92 89.6 69.4 104.0

Manual Integrations
APPROVED

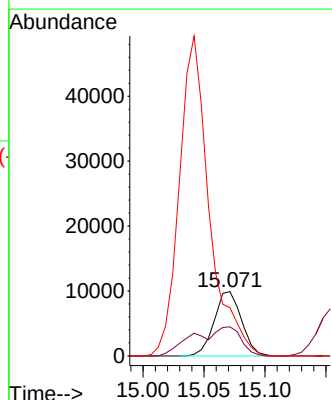
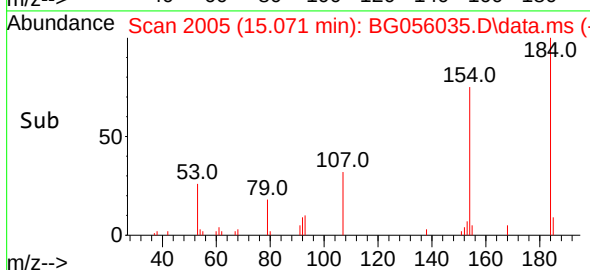
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

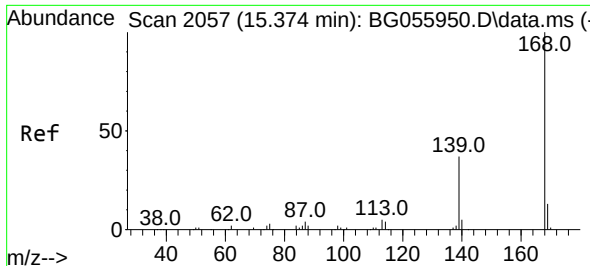


#54
2,4-Dinitrophenol
Concen: 48.409 ng
RT: 15.071 min Scan# 2005
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28



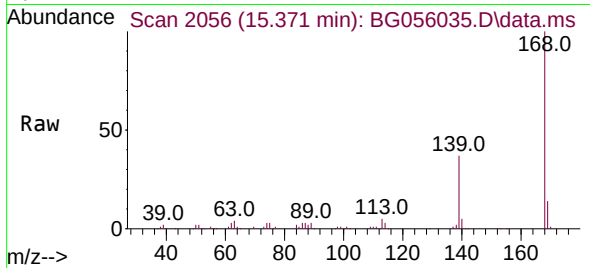
Tgt Ion:184 Resp: 15406
Ion Ratio Lower Upper
184 100
63 45.2 23.0 34.4#
154 75.1 67.0 100.4





#55
Dibenzofuran
Concen: 41.707 ng
RT: 15.371 min Scan# 2057
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

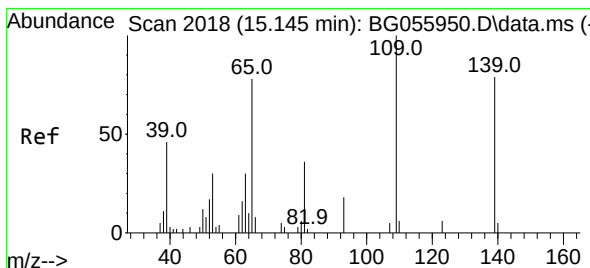
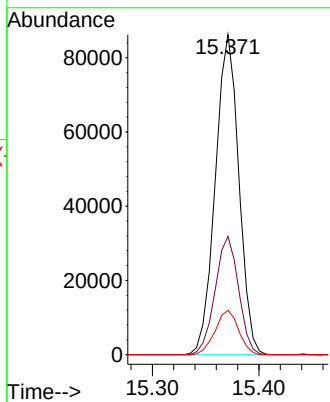
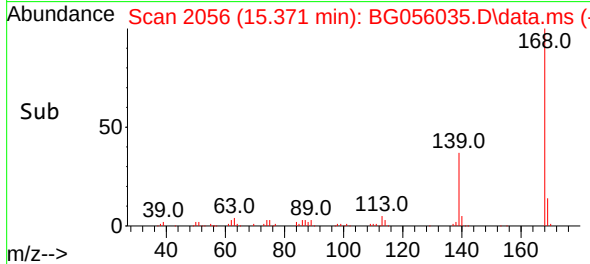
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



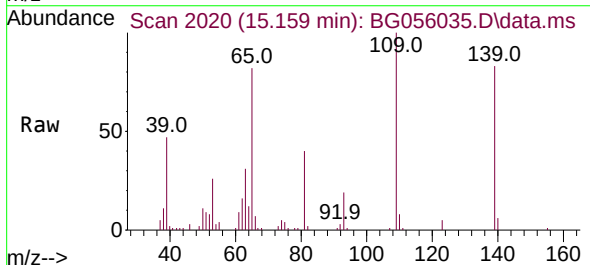
Tgt Ion:168 Resp: 132443
Ion Ratio Lower Upper
168 100
139 37.0 29.8 44.8
169 13.8 10.6 16.0

Manual Integrations
APPROVED

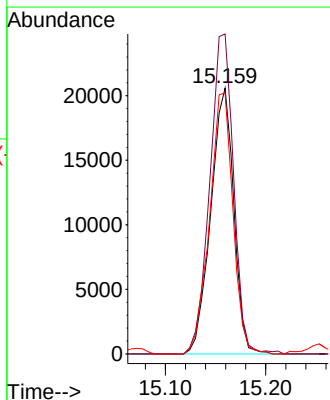
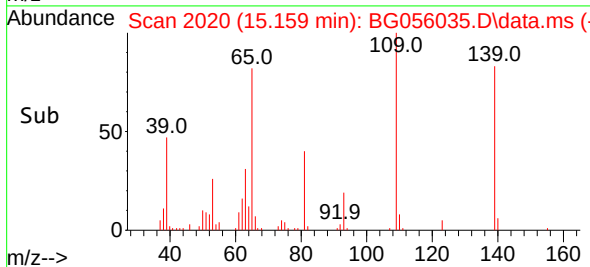
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

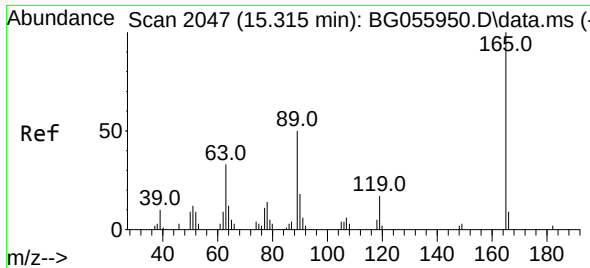


#56
4-Nitrophenol
Concen: 93.735 ng
RT: 15.159 min Scan# 2020
Delta R.T. 0.014 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28



Tgt Ion:139 Resp: 32707
Ion Ratio Lower Upper
139 100
109 120.4 106.7 146.7
65 98.2 79.2 119.2





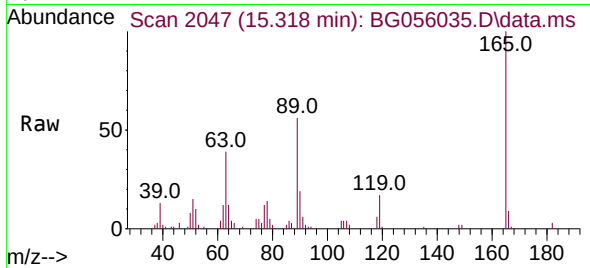
#57
2,4-Dinitrotoluene
Concen: 48.667 ng
RT: 15.318 min Scan# 2047
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

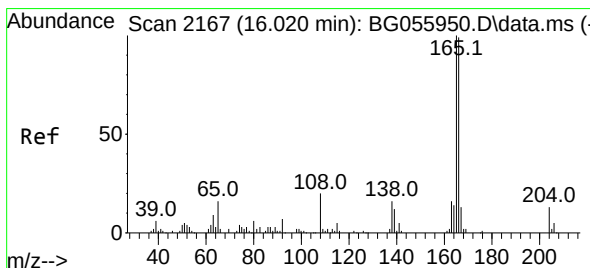
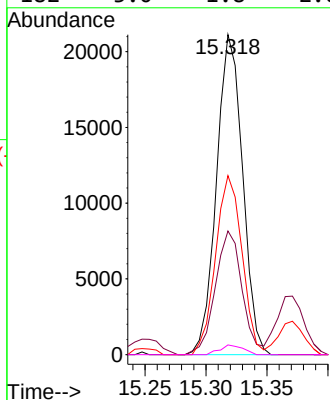
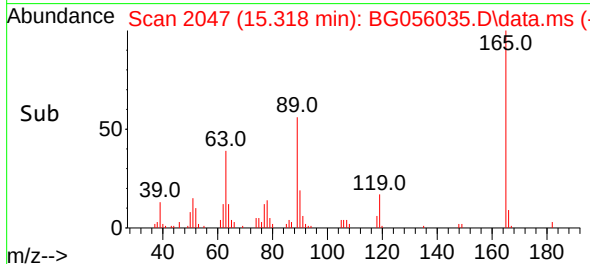


Tgt Ion:165 Resp: 31448
Ion Ratio Lower Upper
165 100
63 38.6 26.6 39.8
89 55.9 40.1 60.1
182 3.0 1.8 2.6#

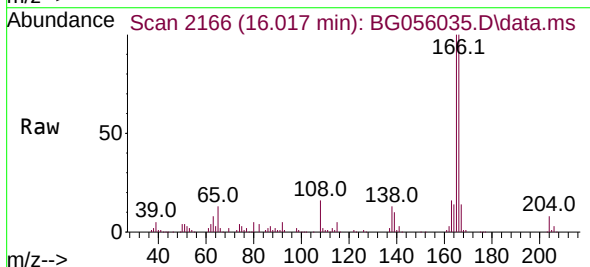
Manual Integrations

APPROVED

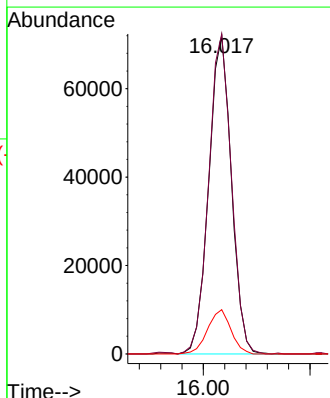
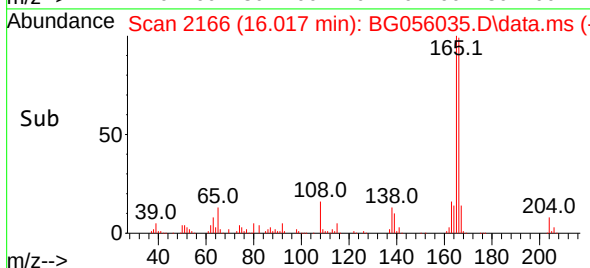
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

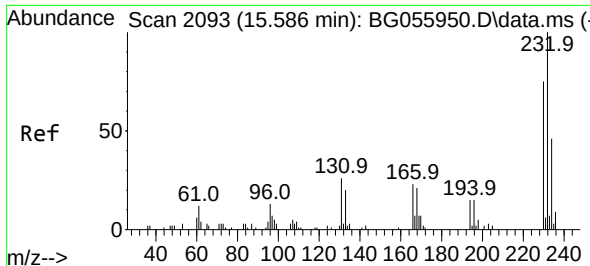


#58
Fluorene
Concen: 40.837 ng
RT: 16.017 min Scan# 2166
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28



Tgt Ion:166 Resp: 106007
Ion Ratio Lower Upper
166 100
165 100.4 81.1 121.7
167 13.9 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.337 ng
RT: 15.588 min Scan# 2093
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

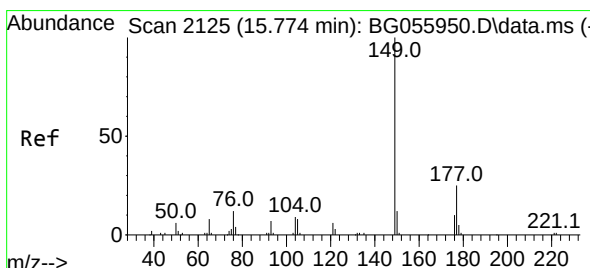
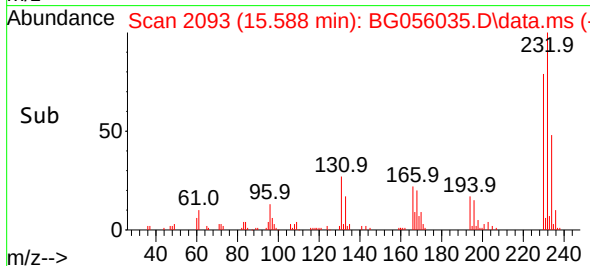
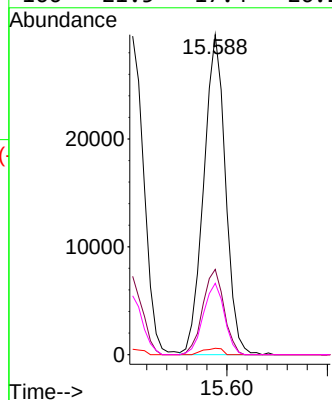
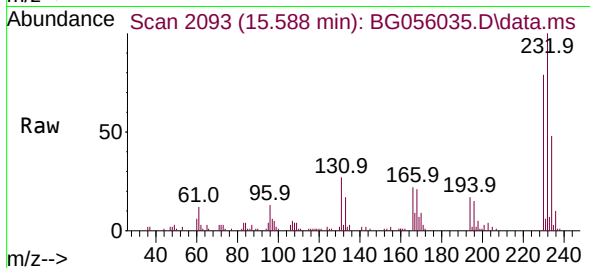
72-11977MSD

Tgt Ion:232 Resp: 44600
Ion Ratio Lower Upper
232 100
131 26.0 20.7 31.1
130 1.8 1.2 1.8
166 21.5 17.4 26.2

Manual Integrations

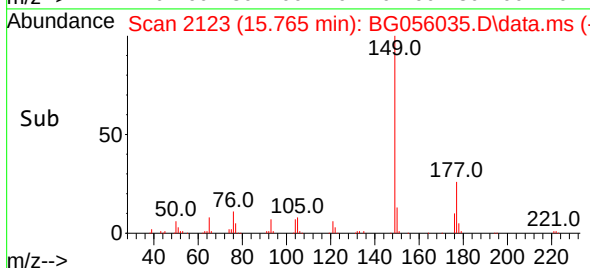
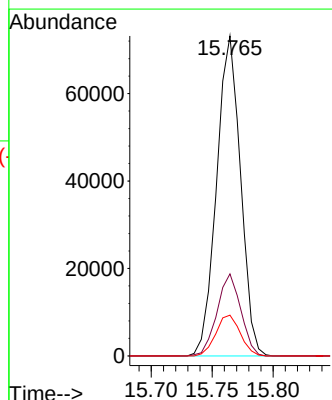
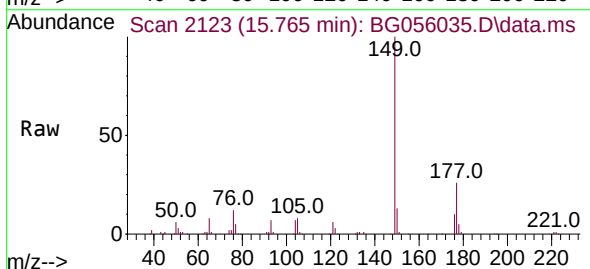
APPROVED

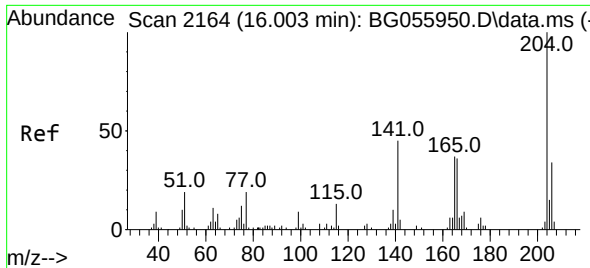
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#60
Diethylphthalate
Concen: 36.940 ng
RT: 15.765 min Scan# 2123
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Tgt Ion:149 Resp: 99879
Ion Ratio Lower Upper
149 100
177 25.6 19.7 29.5
150 12.8 9.5 14.3





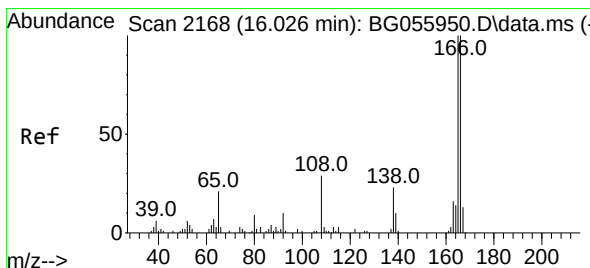
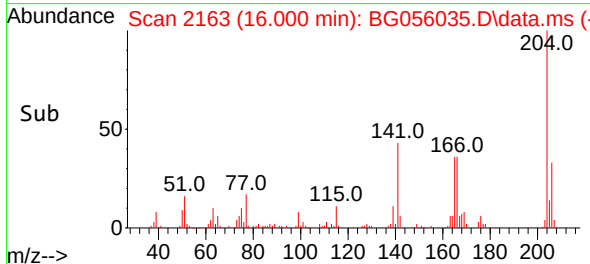
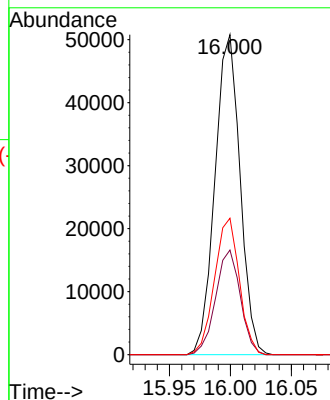
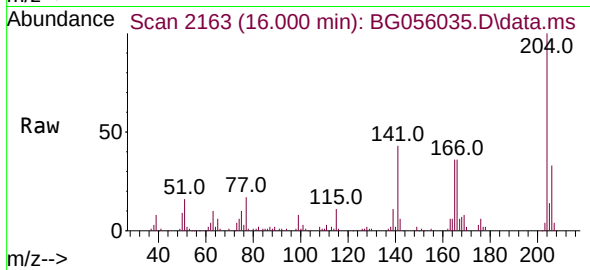
#61
4-Chlorophenyl-phenylether
Concen: 41.052 ng
RT: 16.000 min Scan# 2163
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Instrument :
BNA_G
ClientSampleId :
72-11977MSD

Tgt Ion:204 Resp: 72597
Ion Ratio Lower Upper
204 100
206 32.7 27.0 40.4
141 42.6 36.3 54.5

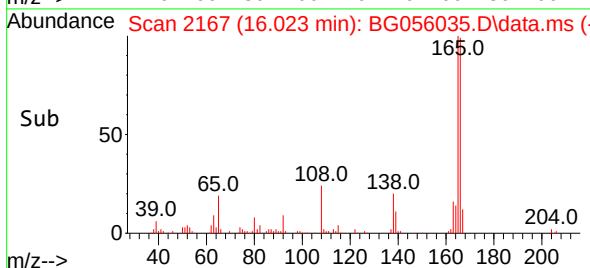
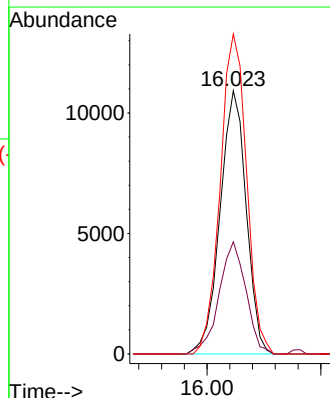
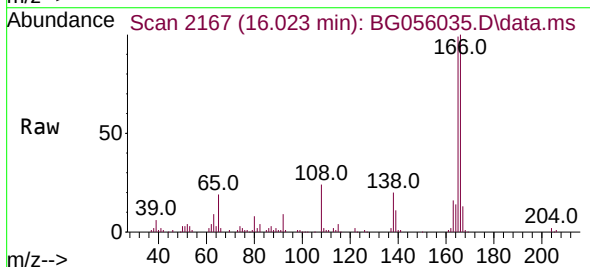
Manual Integrations
APPROVED

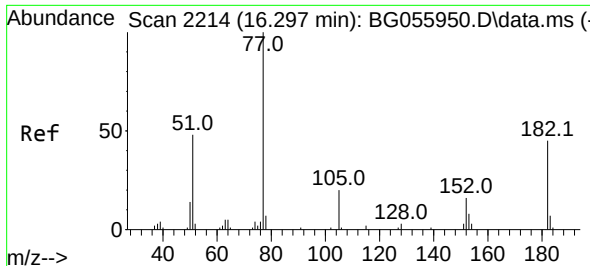
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#62
4-Nitroaniline
Concen: 36.700 ng
RT: 16.023 min Scan# 2167
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Tgt Ion:138 Resp: 17403
Ion Ratio Lower Upper
138 100
92 42.6 24.4 64.4
108 121.6 110.1 150.1





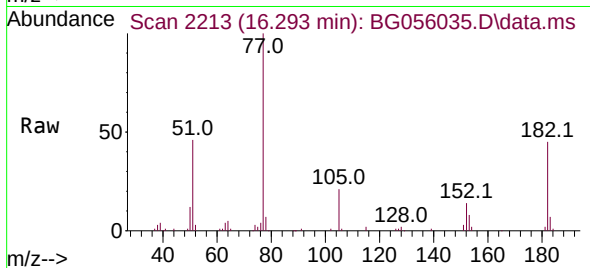
#63
Azobenzene
Concen: 39.555 ng
RT: 16.293 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

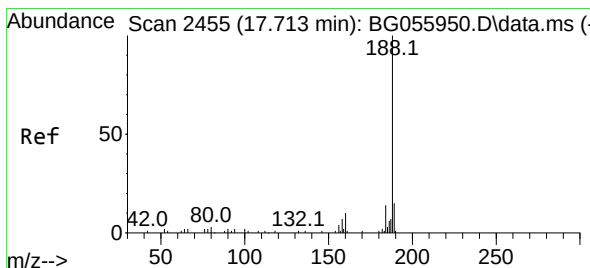
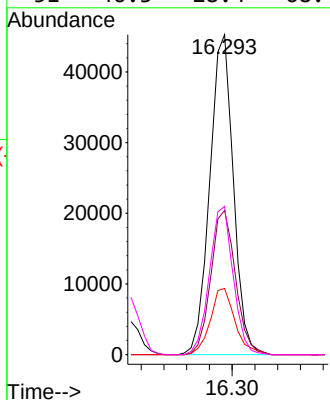
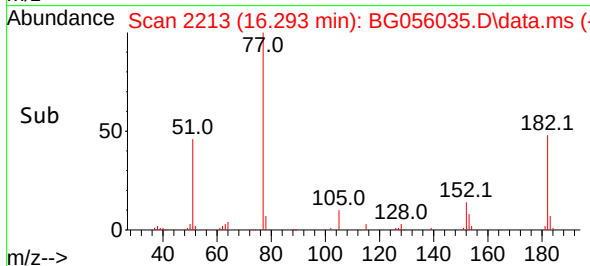


Tgt Ion: 77 Resp: 65096
Ion Ratio Lower Upper
77 100
182 45.1 24.7 64.7
105 20.7 0.3 40.3
51 46.3 28.4 68.4

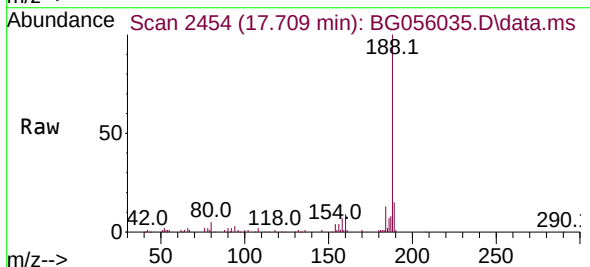
Manual Integrations

APPROVED

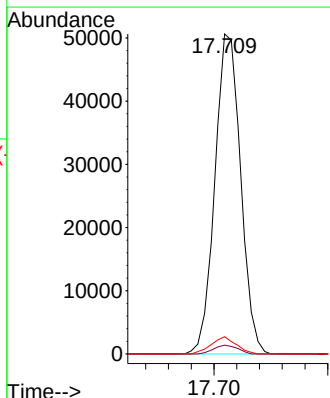
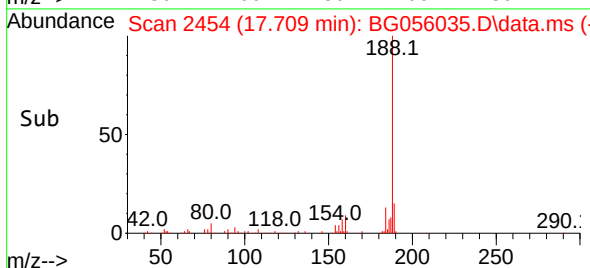
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

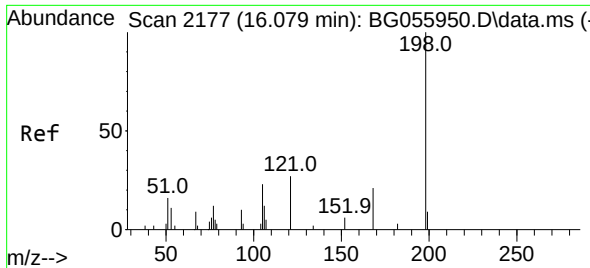


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.709 min Scan# 2454
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28



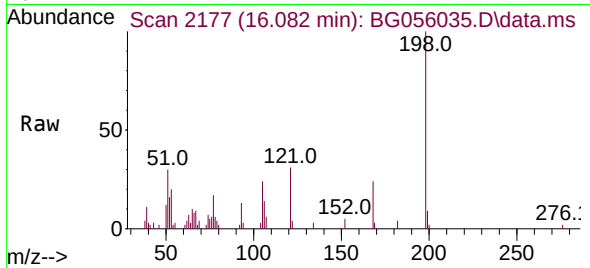
Tgt Ion:188 Resp: 79588
Ion Ratio Lower Upper
188 100
94 2.7 1.8 2.8
80 5.4 2.4 3.6#





#65
4,6-Dinitro-2-methylphenol
Concen: 31.352 ng
RT: 16.082 min Scan# 2177
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

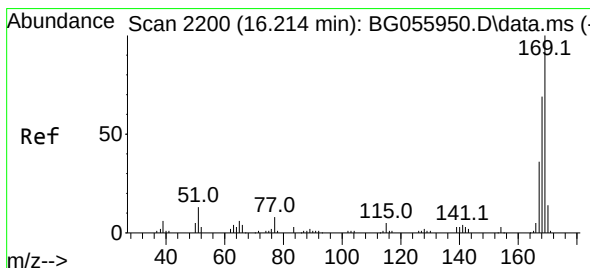
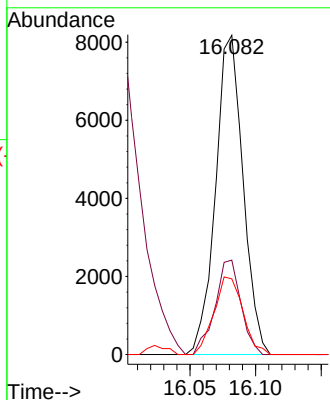
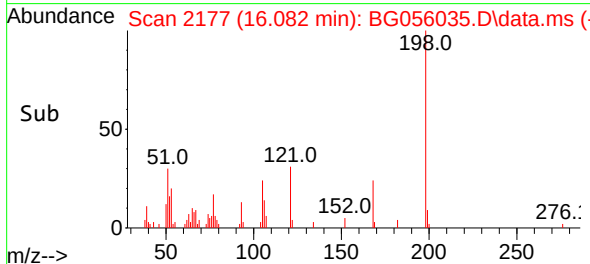
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



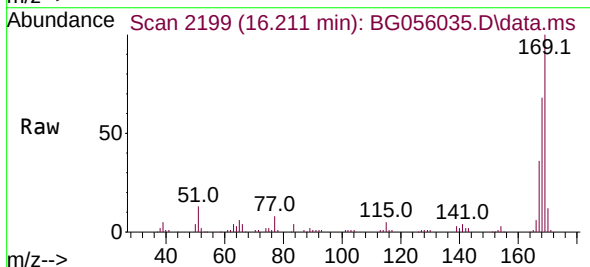
Tgt Ion:198 Resp: 11920
Ion Ratio Lower Upper
198 100
51 29.6 3.0 43.0
105 23.7 3.3 43.3

Manual Integrations
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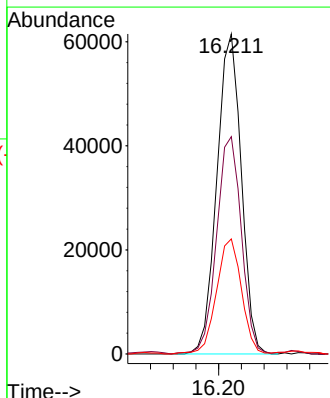
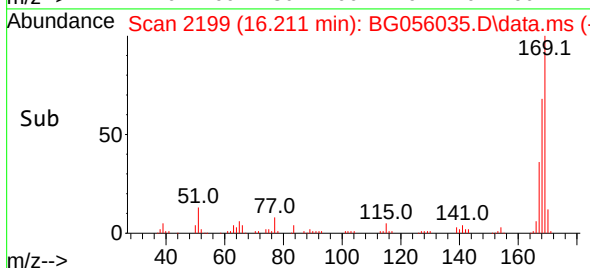
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

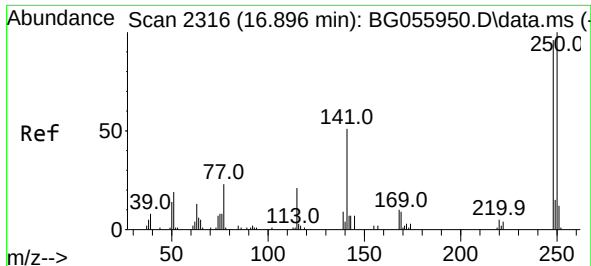


#66
n-Nitrosodiphenylamine
Concen: 43.952 ng
RT: 16.211 min Scan# 2199
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28



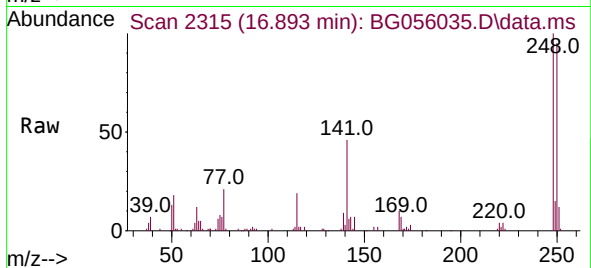
Tgt Ion:169 Resp: 91667
Ion Ratio Lower Upper
169 100
168 67.9 55.3 82.9
167 35.9 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 44.162 ng
RT: 16.893 min Scan# 2315
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

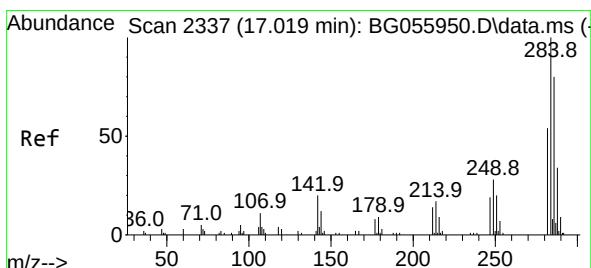
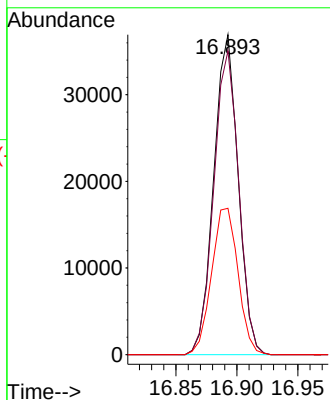
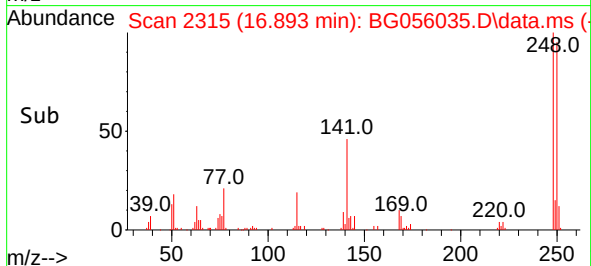
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



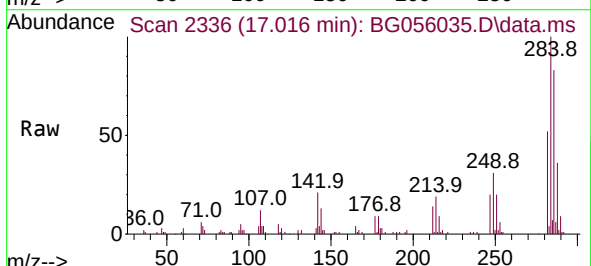
Tgt Ion:248 Resp: 51502
Ion Ratio Lower Upper
248 100
250 94.9 83.0 124.6
141 45.7 42.6 64.0

Manual Integrations
APPROVED

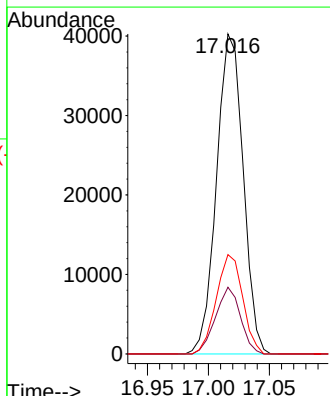
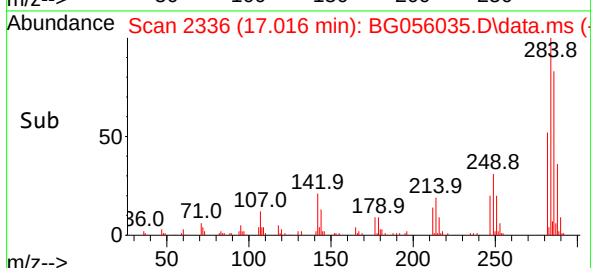
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

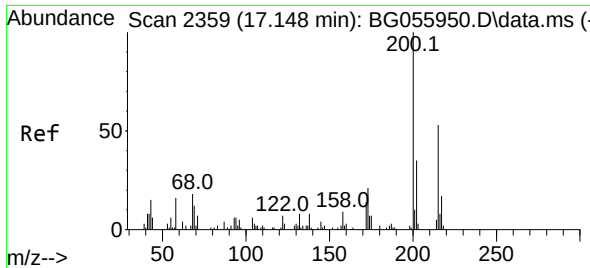


#68
Hexachlorobenzene
Concen: 42.563 ng
RT: 17.016 min Scan# 2336
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28



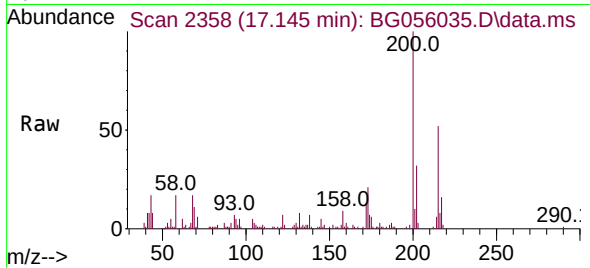
Tgt Ion:284 Resp: 61140
Ion Ratio Lower Upper
284 100
142 20.8 16.2 24.2
249 31.0 22.8 34.2





#69
 Atrazine
 Concen: 45.952 ng
 RT: 17.145 min Scan# 2359
 Delta R.T. 0.003 min
 Lab File: BG056035.D
 Acq: 20 Dec 2022 18:28

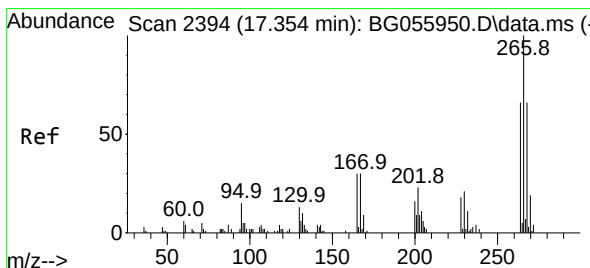
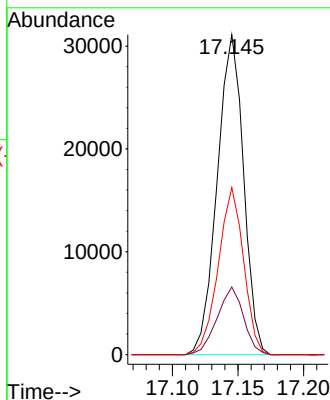
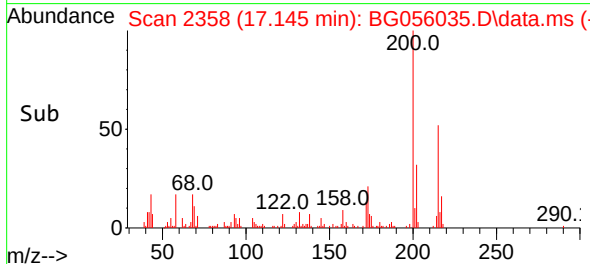
Instrument :
 BNA_G
 ClientSampleId :
 72-11977MSD



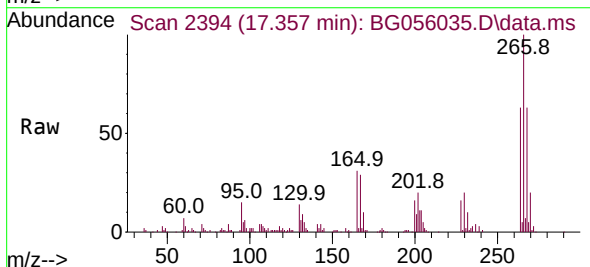
Tgt Ion:200 Resp: 43395
 Ion Ratio Lower Upper
 200 100
 173 21.1 1.4 41.4
 215 52.2 33.3 73.3

Manual Integrations
 APPROVED

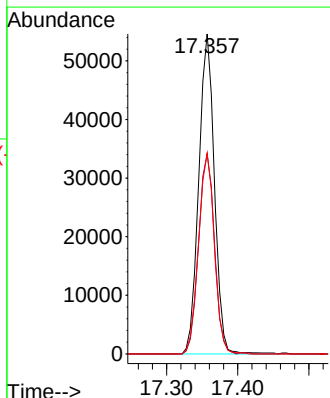
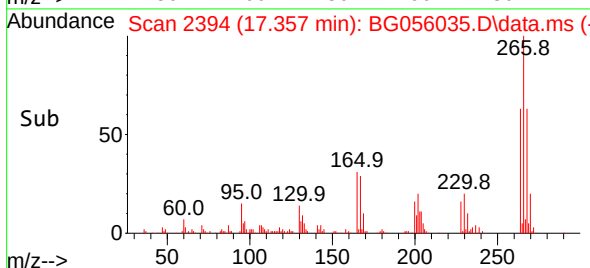
Reviewed By :Christian Giraldo 12/21/2022
 Supervised By :Jagrut Upadhyay 12/21/2022

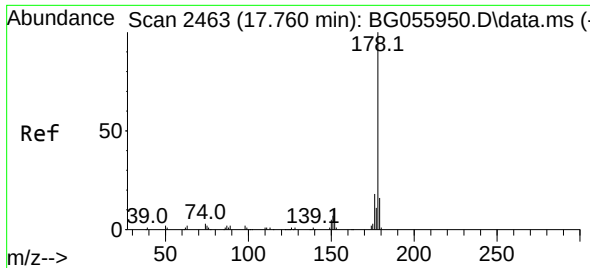


#70
 Pentachlorophenol
 Concen: 101.127 ng
 RT: 17.357 min Scan# 2394
 Delta R.T. 0.008 min
 Lab File: BG056035.D
 Acq: 20 Dec 2022 18:28



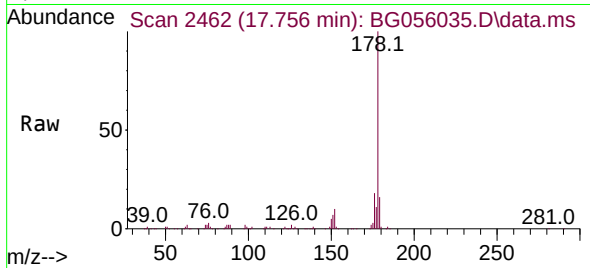
Tgt Ion:266 Resp: 83048
 Ion Ratio Lower Upper
 266 100
 268 62.5 55.5 83.3
 264 62.7 52.6 78.8





#71
Phenanthrene
Concen: 60.053 ng
RT: 17.756 min Scan# 2462
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

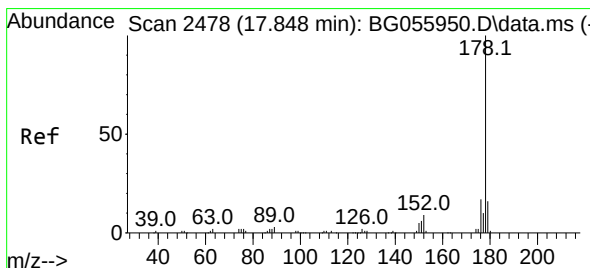
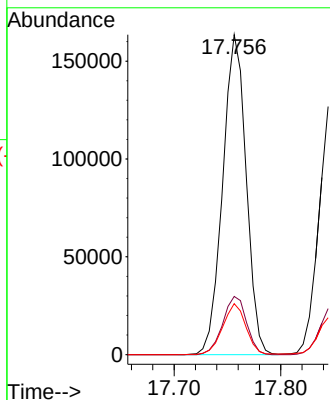
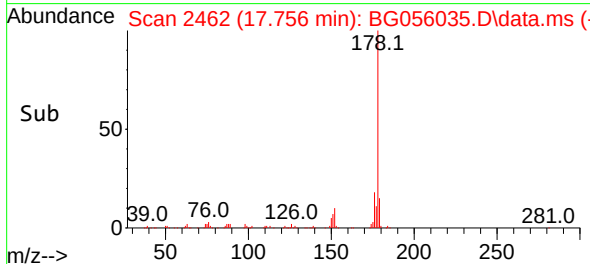
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



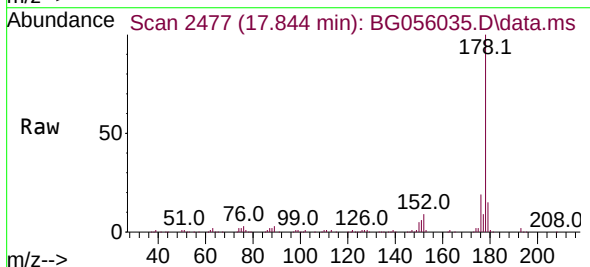
Tgt Ion:178 Resp: 250476
Ion Ratio Lower Upper
178 100
176 18.2 14.4 21.6
179 15.9 12.7 19.1

Manual Integrations
APPROVED

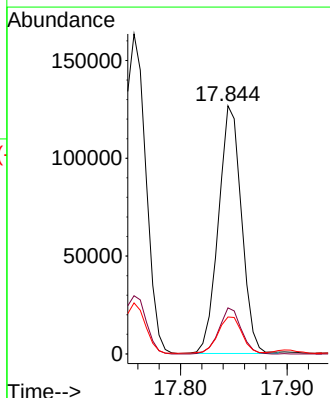
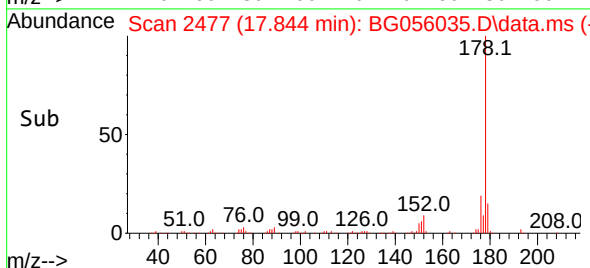
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

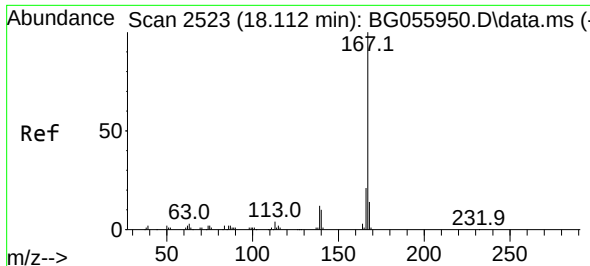


#72
Anthracene
Concen: 46.140 ng
RT: 17.844 min Scan# 2477
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28



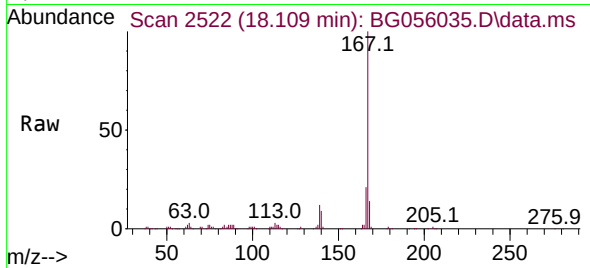
Tgt Ion:178 Resp: 190387
Ion Ratio Lower Upper
178 100
176 18.6 13.9 20.9
179 14.9 12.7 19.1





#73
Carbazole
Concen: 42.967 ng
RT: 18.109 min Scan# 2522
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

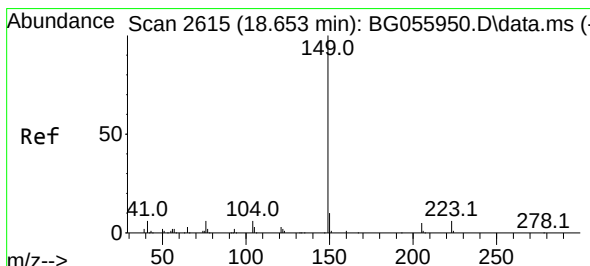
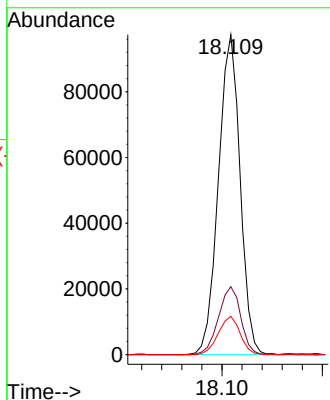
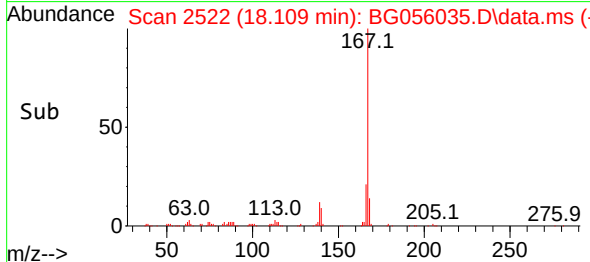
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



Tgt Ion:167 Resp: 146224
Ion Ratio Lower Upper
167 100
166 21.2 16.6 25.0
139 12.0 9.7 14.5

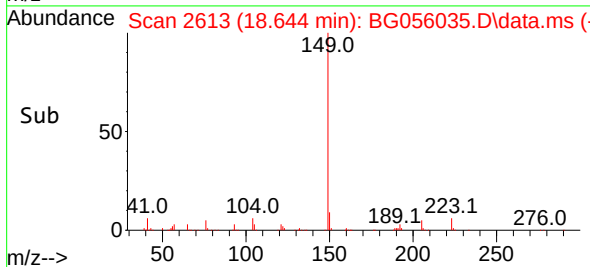
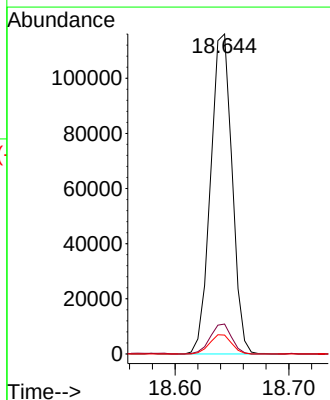
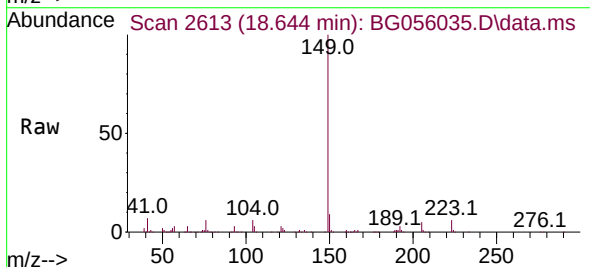
Manual Integrations
APPROVED

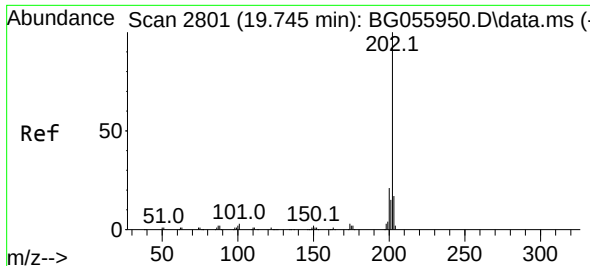
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#74
Di-n-butylphthalate
Concen: 38.468 ng
RT: 18.644 min Scan# 2613
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

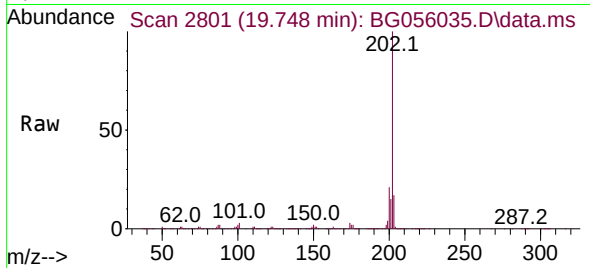
Tgt Ion:149 Resp: 152245
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 5.9 4.8 7.2





#75
Fluoranthene
Concen: 77.757 ng
RT: 19.748 min Scan# 2801
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

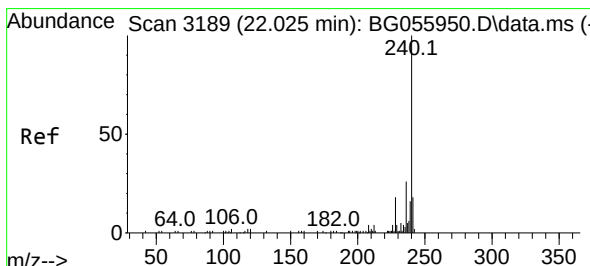
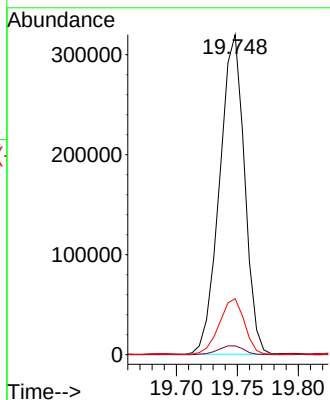
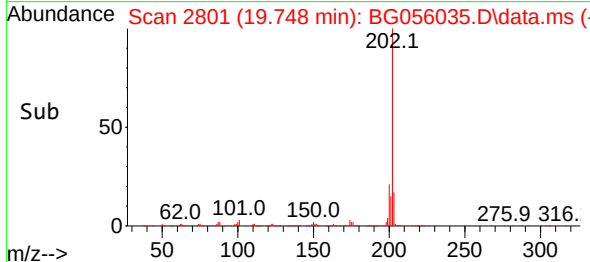
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



Tgt Ion:202 Resp: 454131
Ion Ratio Lower Upper
202 100
101 2.7 0.0 22.6
203 17.5 0.0 37.1

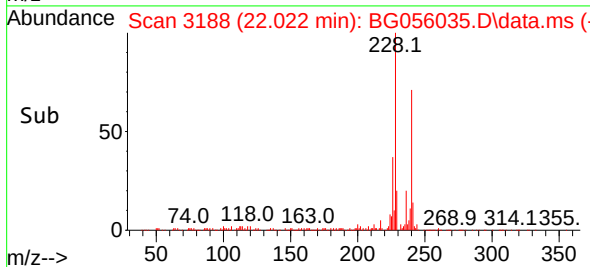
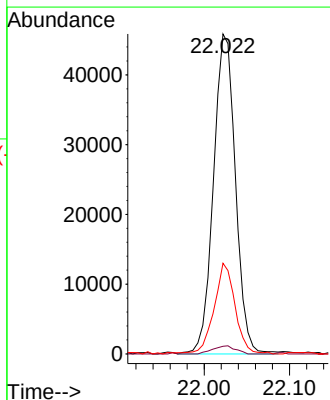
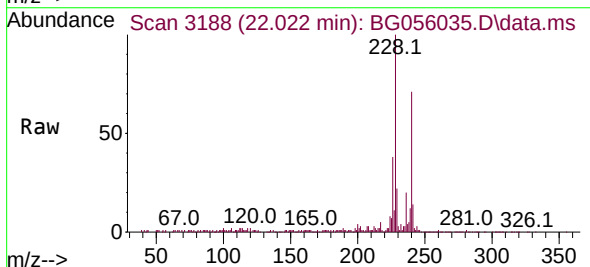
Manual Integrations
APPROVED

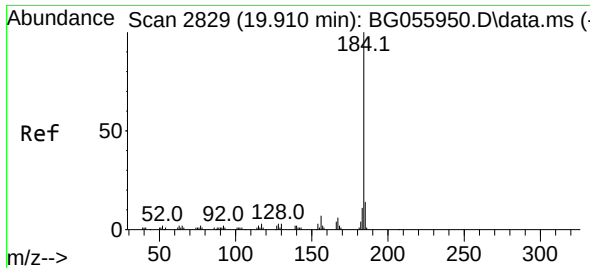
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.022 min Scan# 3188
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Tgt Ion:240 Resp: 82134
Ion Ratio Lower Upper
240 100
120 2.4 1.7 2.5
236 28.3 21.1 31.7





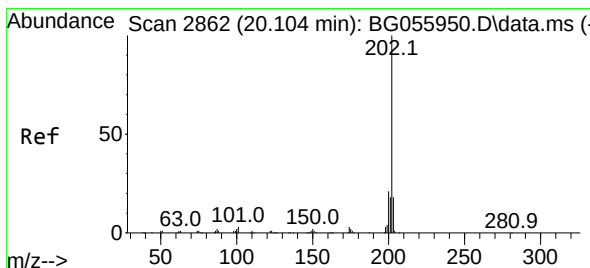
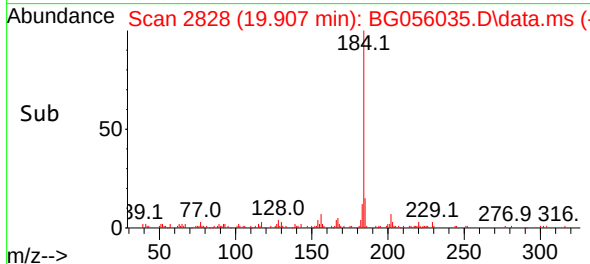
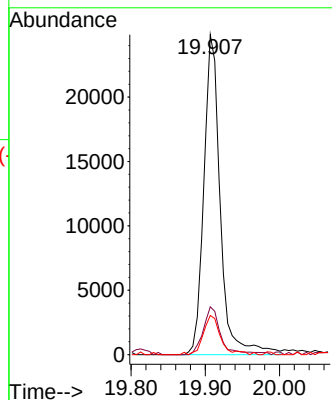
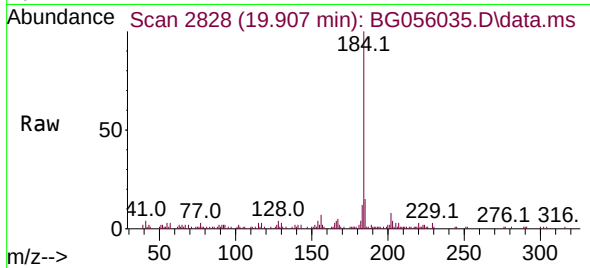
#77
Benzidine
Concen: 26.481 ng
RT: 19.907 min Scan# 2828
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Instrument :
BNA_G
ClientSampleId :
72-11977MSD

Tgt Ion:184 Resp: 38197
Ion Ratio Lower Upper
184 100
185 14.9 10.9 16.3
183 12.2 9.2 13.8

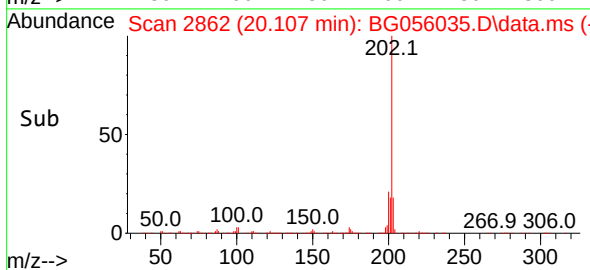
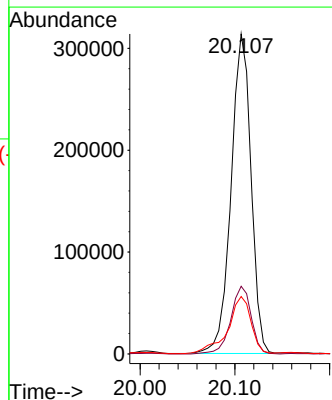
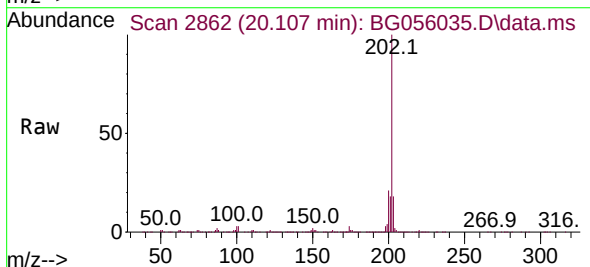
Manual Integrations
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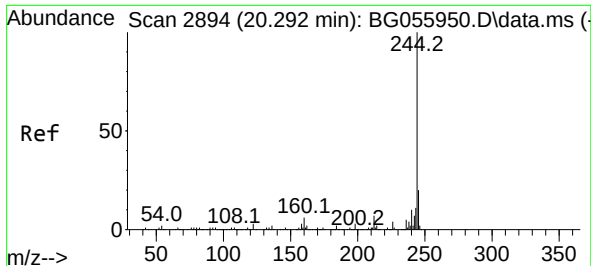
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#78
Pyrene
Concen: 92.430 ng
RT: 20.107 min Scan# 2862
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

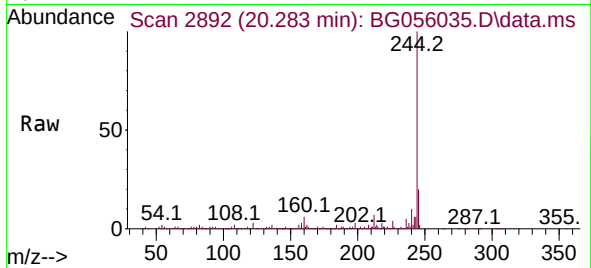
Tgt Ion:202 Resp: 459378
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.9 14.6 21.8





#79
 Terphenyl-d14
 Concen: 59.575 ng
 RT: 20.283 min Scan# 2894
 Delta R.T. 0.003 min
 Lab File: BG056035.D
 Acq: 20 Dec 2022 18:28

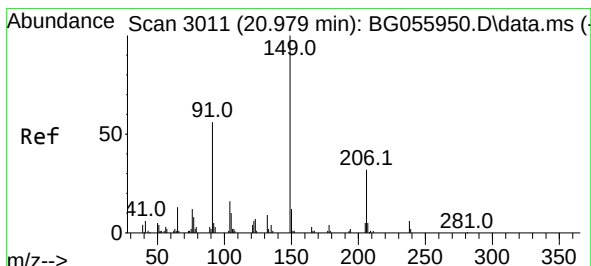
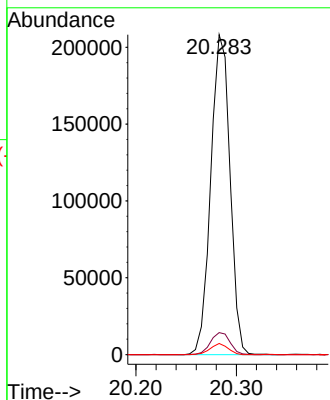
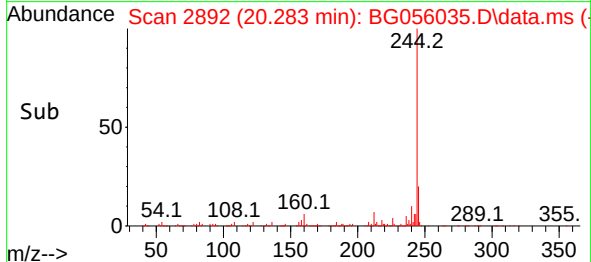
Instrument :
 BNA_G
 ClientSampleId :
 72-11977MSD



Tgt Ion:244 Resp: 276852
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 3.5 2.5 3.7

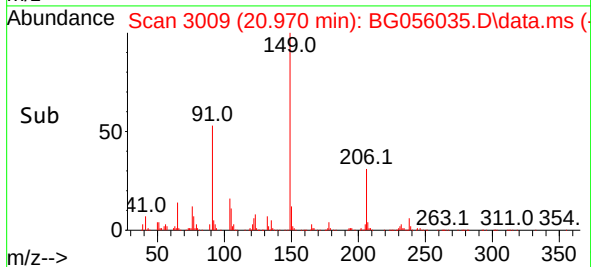
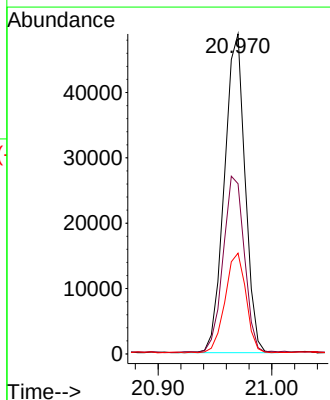
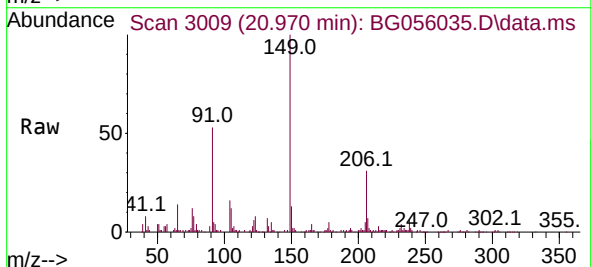
Manual Integrations
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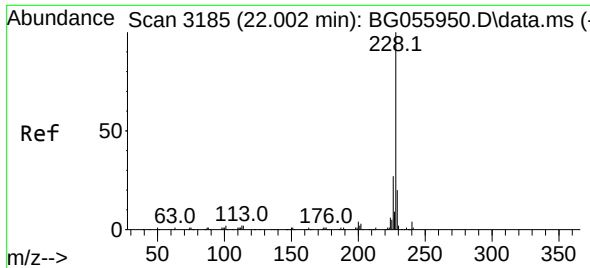
Reviewed By :Christian Giraldo 12/21/2022
 Supervised By :Jagrut Upadhyay 12/21/2022



#80
 Butylbenzylphthalate
 Concen: 43.754 ng
 RT: 20.970 min Scan# 3009
 Delta R.T. 0.008 min
 Lab File: BG056035.D
 Acq: 20 Dec 2022 18:28

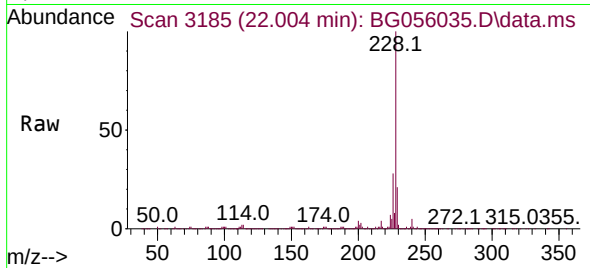
Tgt Ion:149 Resp: 61619
 Ion Ratio Lower Upper
 149 100
 91 53.2 44.5 66.7
 206 31.5 25.8 38.6





#81
Benzo(a)anthracene
Concen: 79.021 ng
RT: 22.004 min Scan# 3185
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

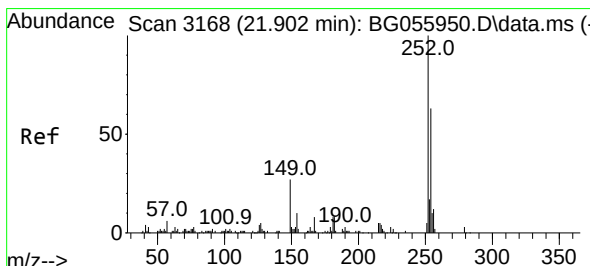
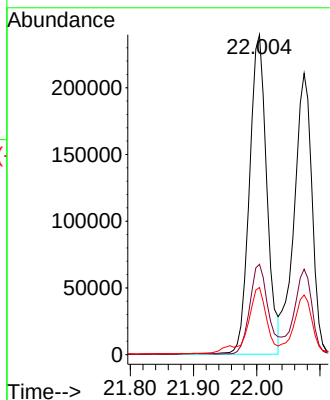
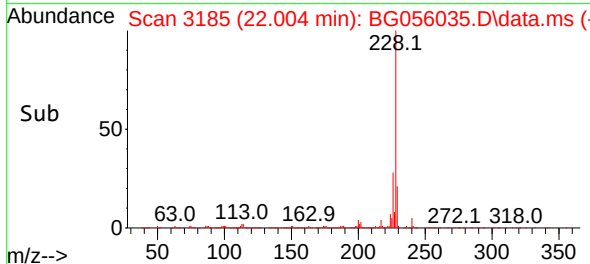
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



Tgt Ion:228 Resp: 456711
Ion Ratio Lower Upper
228 100
226 28.2 21.8 32.6
229 21.0 15.9 23.9

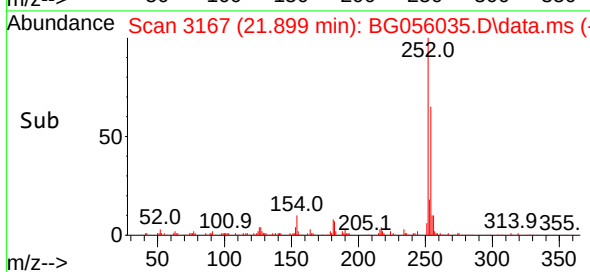
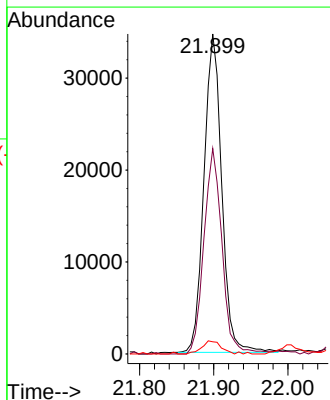
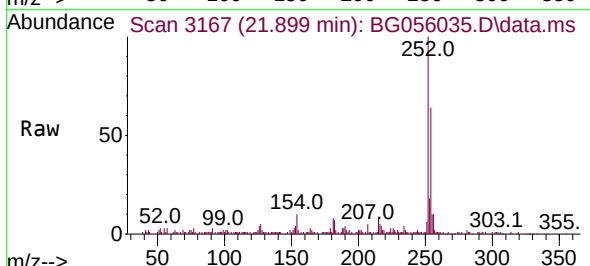
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APPROVED

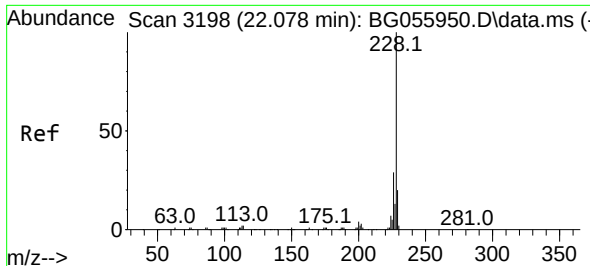
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#82
3,3'-Dichlorobenzidine
Concen: 27.780 ng
RT: 21.899 min Scan# 3167
Delta R.T. 0.008 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

Tgt Ion:252 Resp: 57767
Ion Ratio Lower Upper
252 100
254 64.2 50.2 75.2
126 3.8 3.1 4.7





#83

Chrysene

Concen: 75.891 ng

RT: 22.075 min Scan# 3198

Delta R.T. 0.008 min

Lab File: BG056035.D

Acq: 20 Dec 2022 18:28

Instrument :

BNA_G

ClientSampleId :

72-11977MSD

Tgt Ion:228 Resp: 411083

Ion Ratio Lower Upper

228 100

226 30.4 23.1 34.7

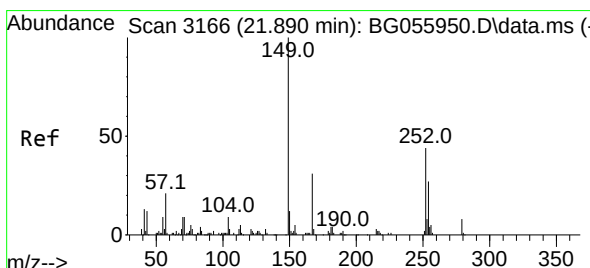
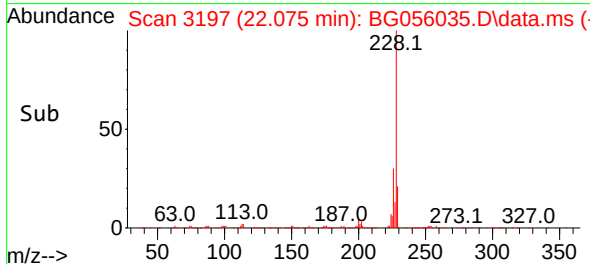
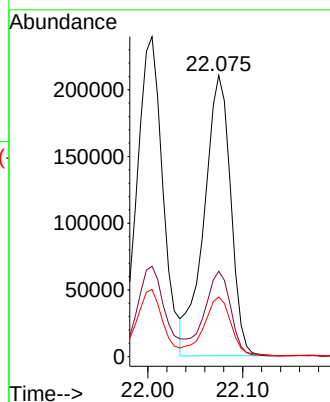
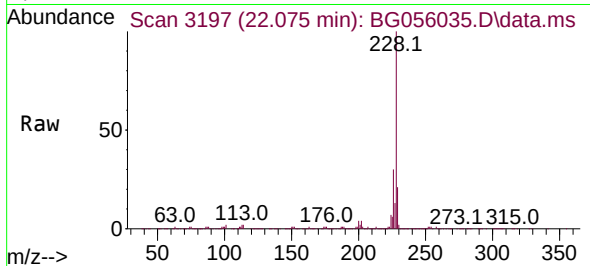
229 21.2 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2022

Supervised By :Jagrut Upadhyay 12/21/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.340 ng

RT: 21.869 min Scan# 3162

Delta R.T. 0.003 min

Lab File: BG056035.D

Acq: 20 Dec 2022 18:28

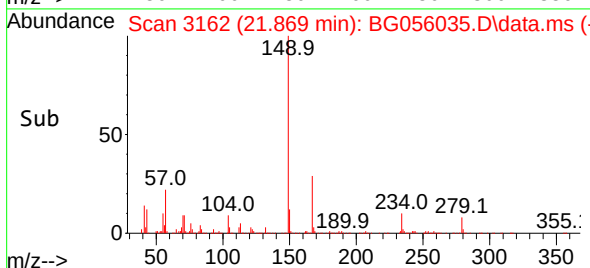
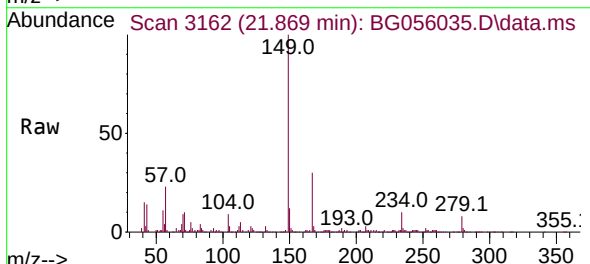
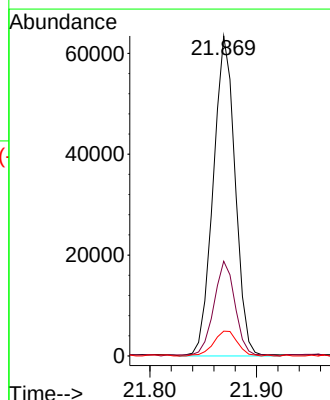
Tgt Ion:149 Resp: 90681

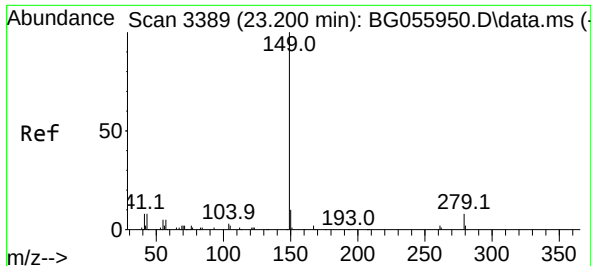
Ion Ratio Lower Upper

149 100

167 29.6 24.6 36.8

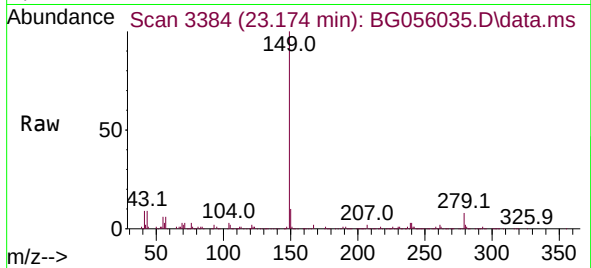
279 7.7 6.3 9.5





#85
Di-n-octyl phthalate
Concen: 43.245 ng
RT: 23.174 min Scan# 3389
Delta R.T. 0.003 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

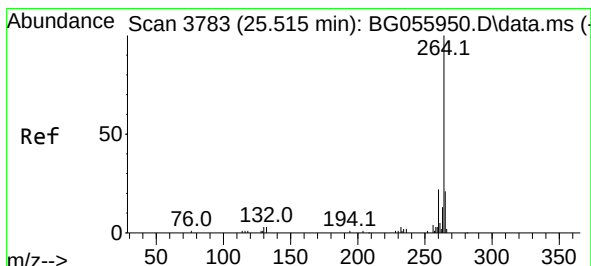
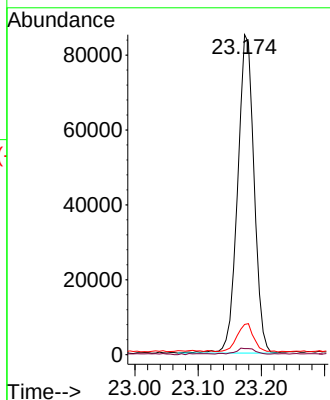
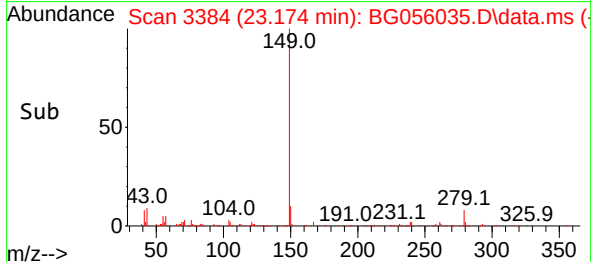
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



Tgt Ion:149 Resp: 153484
Ion Ratio Lower Upper
149 100
167 2.4 1.4 2.0
43 9.1 6.9 10.3

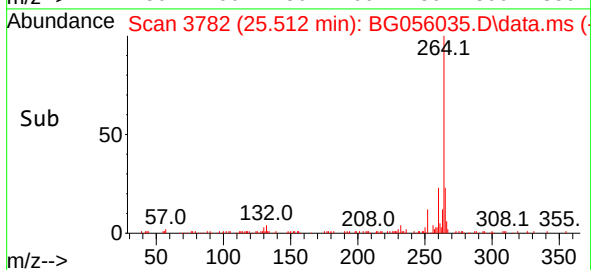
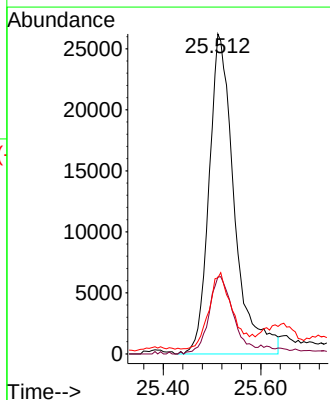
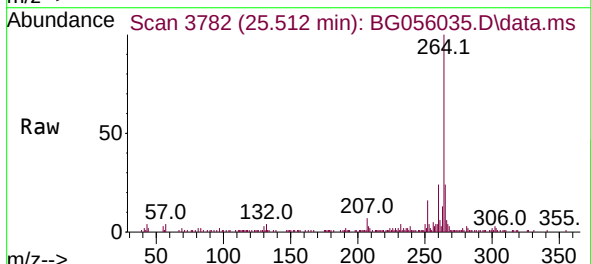
Manual Integrations
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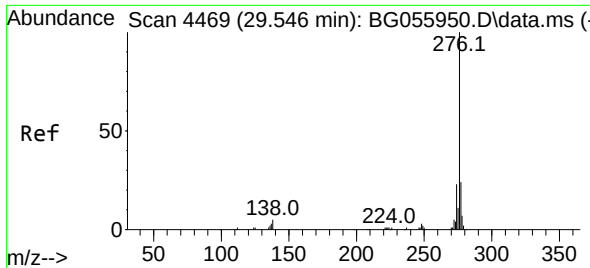
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.512 min Scan# 3782
Delta R.T. 0.014 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

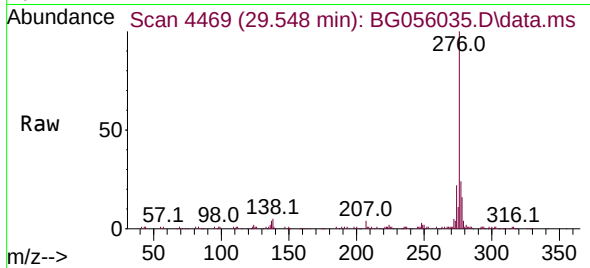
Tgt Ion:264 Resp: 94211
Ion Ratio Lower Upper
264 100
260 24.1 17.8 26.8
265 23.8 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.964 ng
RT: 29.548 min Scan# 4469
Delta R.T. 0.026 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

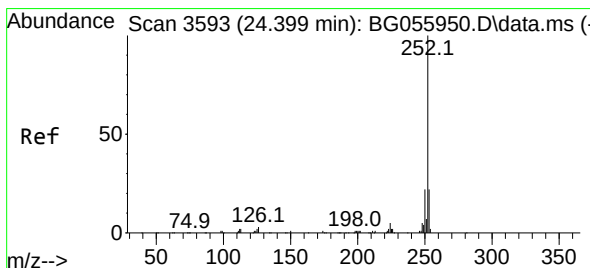
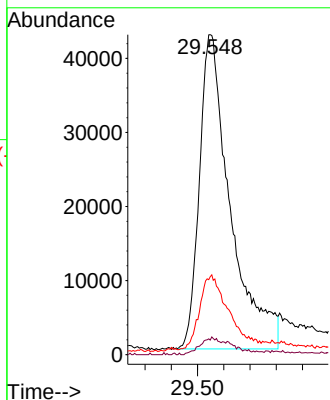
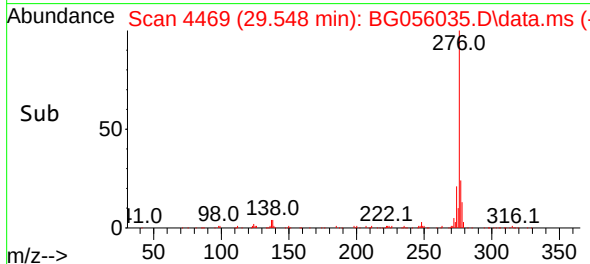
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



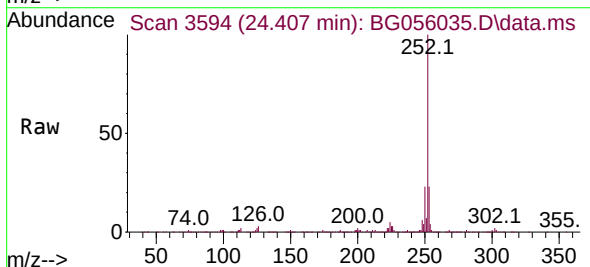
Tgt Ion:276 Resp: 348218
Ion Ratio Lower Upper
276 100
138 3.3 3.0 4.4
277 22.6 20.4 30.6

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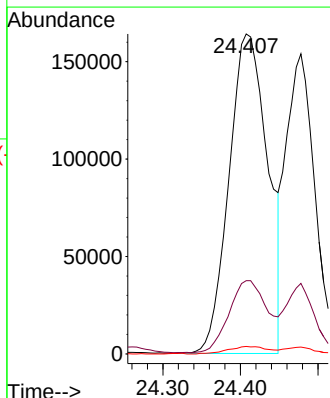
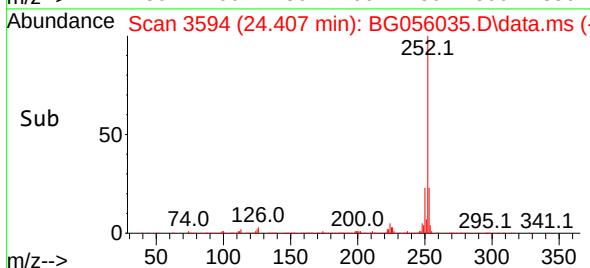
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

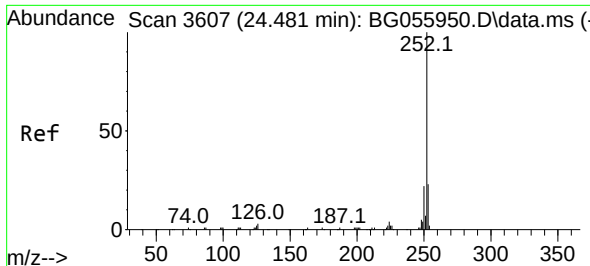


#88
Benzo(b)fluoranthene
Concen: 93.584 ng
RT: 24.407 min Scan# 3594
Delta R.T. 0.020 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28



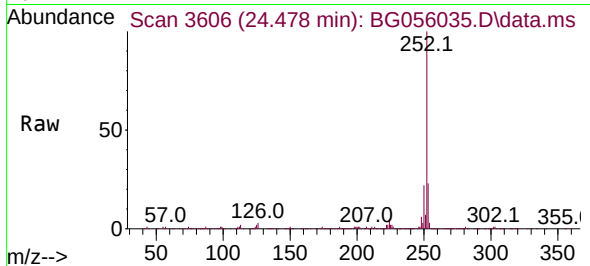
Tgt Ion:252 Resp: 570601
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 2.3 1.8 2.8





#89
Benzo(k)fluoranthene
Concen: 65.139 ng m
RT: 24.478 min Scan# 3607
Delta R.T. 0.014 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

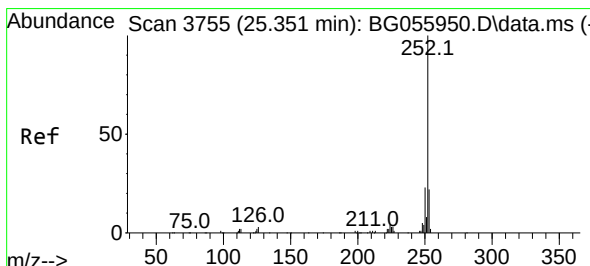
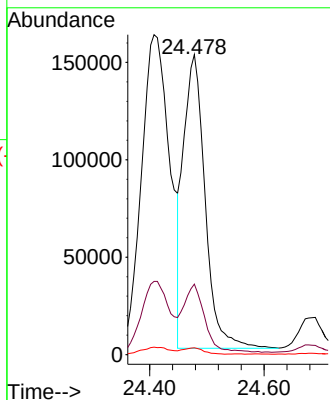
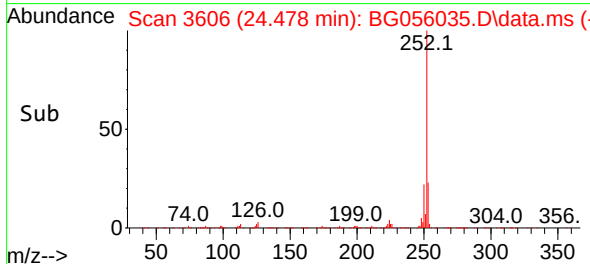
Instrument :
BNA_G
ClientSampleId :
72-11977MSD



Tgt Ion:252 Resp: 396260
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 2.3 2.0 3.0

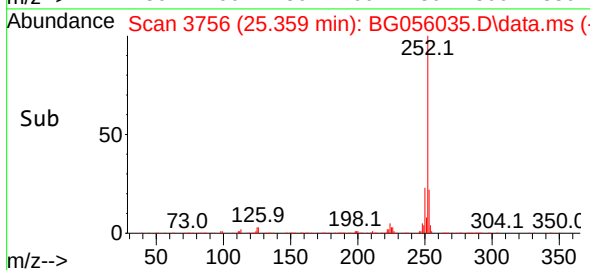
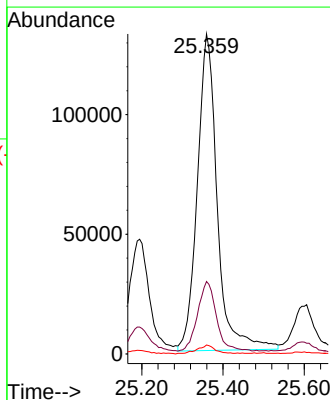
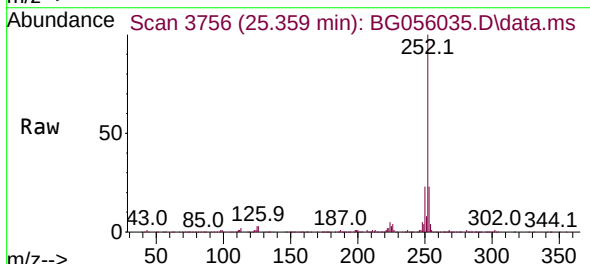
Manual Integrations
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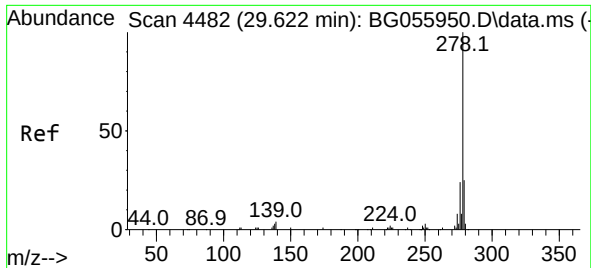
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#90
Benzo(a)pyrene
Concen: 87.402 ng
RT: 25.359 min Scan# 3756
Delta R.T. 0.026 min
Lab File: BG056035.D
Acq: 20 Dec 2022 18:28

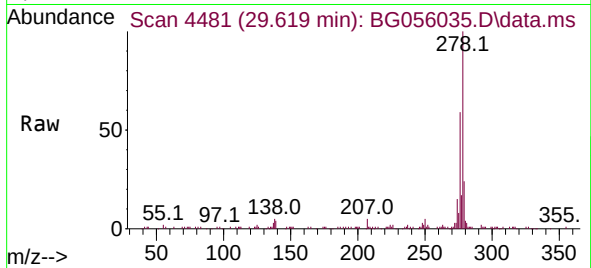
Tgt Ion:252 Resp: 450460
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 2.8 1.9 2.9





#91
 Dibenzo(a,h)anthracene
 Concen: 33.394 ng
 RT: 29.619 min Scan# 4482
 Delta R.T. 0.026 min
 Lab File: BG056035.D
 Acq: 20 Dec 2022 18:28

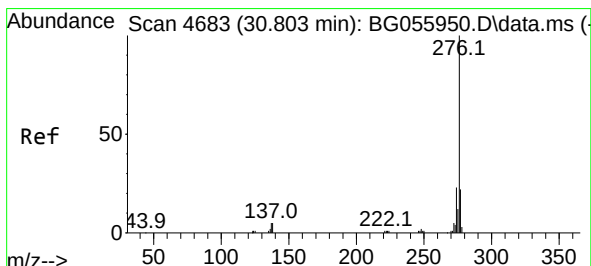
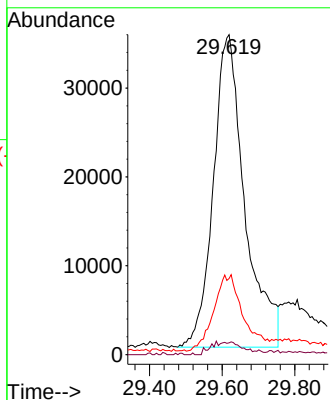
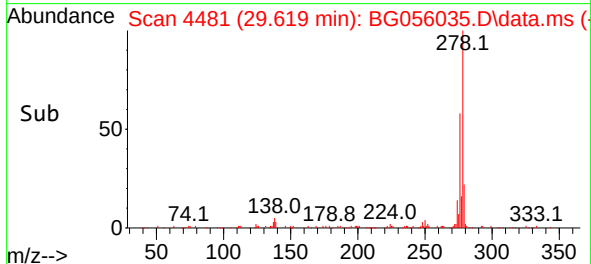
Instrument :
 BNA_G
 ClientSampleId :
 72-11977MSD



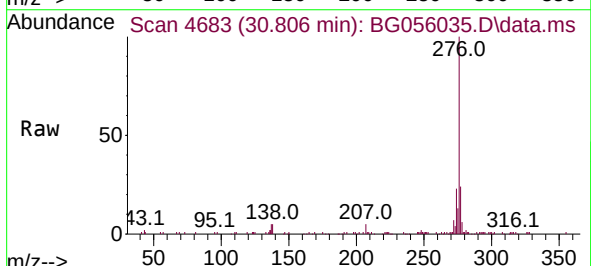
Tgt Ion: 278 Resp: 21175
 Ion Ratio Lower Upper
 278 100
 139 3.7 2.9 4.3
 279 23.8 20.0 30.0

Manual Integrations
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Reviewed By : Christian Giraldo 12/21/2022
 Supervised By : Jagrut Upadhyay 12/21/2022



#92
 Benzo(g,h,i)perylene
 Concen: 42.647 ng
 RT: 30.806 min Scan# 4683
 Delta R.T. 0.014 min
 Lab File: BG056035.D
 Acq: 20 Dec 2022 18:28



Tgt Ion: 276 Resp: 261459
 Ion Ratio Lower Upper
 276 100
 277 23.9 17.8 26.6
 138 5.4 3.8 5.6

