

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056970.D
 Acq On : 4 Apr 2023 18:10
 Operator : CG/JU
 Sample : PB151693BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151693BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/05/2023
 Supervised By : Jagrut Upadhyay 04/05/2023

Quant Time: Apr 05 04:09:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	14182	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	54031	20.000	ng	# 0.00
39) Acenaphthene-d10	15.028	164	41787	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	108329	20.000	ng	0.00
76) Chrysene-d12	22.089	240	102084	20.000	ng	0.00
86) Perylene-d12	25.625	264	108432	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.922	112	123161	138.988	ng	0.00
7) Phenol-d6	7.544	99	177411	133.863	ng	0.00
23) Nitrobenzene-d5	9.594	82	114832	86.962	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	96023	143.842	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	264424	85.807	ng	0.00
79) Terphenyl-d14	20.332	244	598206	99.160	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.725	88	13854	35.665	ng	# 92
3) Pyridine	4.148	79	39511	31.580	ng	93
4) n-Nitrosodimethylamine	4.054	42	25086	43.610	ng	# 91
6) Aniline	7.720	93	54864	32.382	ng	97
8) 2-Chlorophenol	7.967	128	41424	46.932	ng	93
9) Benzaldehyde	7.538	77	30755	36.998	ng	94
10) Phenol	7.573	94	57604	43.865	ng	91
11) bis(2-Chloroethyl)ether	7.814	93	37822	40.433	ng	99
12) 1,3-Dichlorobenzene	8.301	146	45228	46.375	ng	96
13) 1,4-Dichlorobenzene	8.448	146	46074	46.809	ng	97
14) 1,2-Dichlorobenzene	8.777	146	43246	45.476	ng	96
15) Benzyl Alcohol	8.642	79	47114	42.783	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.936	45	48010m	42.586	ng	
17) 2-Methylphenol	8.842	107	39135	41.771	ng	93
18) Hexachloroethane	9.517	117	15666	43.545	ng	# 84
19) n-Nitroso-di-n-propyla...	9.218	70	37233	39.277	ng	95
20) 3+4-Methylphenols	9.171	107	51869	39.592	ng	96
22) Acetophenone	9.241	105	66811	41.555	ng	# 97
24) Nitrobenzene	9.635	77	58238	43.138	ng	98
25) Isophorone	10.158	82	99515	39.576	ng	99
26) 2-Nitrophenol	10.352	139	23095	44.320	ng	96
27) 2,4-Dimethylphenol	10.393	122	41948	45.593	ng	99
28) bis(2-Chloroethoxy)met...	10.628	93	49744	39.515	ng	94
29) 2,4-Dichlorophenol	10.886	162	44210	44.680	ng	98
30) 1,2,4-Trichlorobenzene	11.115	180	46742	44.459	ng	98
31) Naphthalene	11.303	128	123299	41.866	ng	99
32) Benzoic acid	10.510	122	27732m	43.880	ng	
33) 4-Chloroaniline	11.397	127	34101	25.638	ng	93
34) Hexachlorobutadiene	11.579	225	35331	44.737	ng	93
35) Caprolactam	12.161	113	14009m	41.054	ng	
36) 4-Chloro-3-methylphenol	12.490	107	48257	43.610	ng	97
37) 2-Methylnaphthalene	12.878	142	92698	39.659	ng	99
38) 1-Methylnaphthalene	13.095	142	85871	39.125	ng	91
40) 1,2,4,5-Tetrachloroben...	13.242	216	63685	43.949	ng	# 99
41) Hexachlorocyclopentadiene	13.218	237	92608	115.993	ng	95
43) 2,4,6-Trichlorophenol	13.465	196	40894	44.224	ng	94

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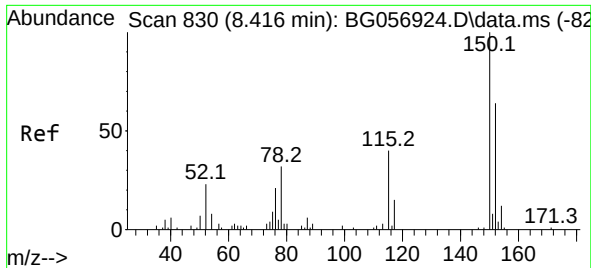
Manual Integrations
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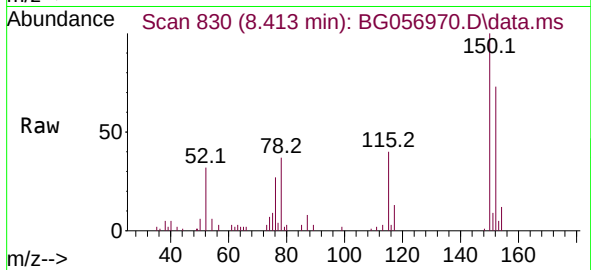
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.541	196	44927	41.012	ng	96
46) 1,1'-Biphenyl	13.864	154	135305	44.233	ng	96
47) 2-Chloronaphthalene	13.917	162	100505	44.425	ng	97
48) 2-Nitroaniline	14.105	65	37117	45.882	ng	92
49) Acenaphthylene	14.757	152	159651	42.950	ng	98
50) Dimethylphthalate	14.464	163	139624	42.406	ng	# 98
51) 2,6-Dinitrotoluene	14.587	165	30923	43.469	ng	98
52) Acenaphthene	15.092	154	129312m	50.441	ng	
53) 3-Nitroaniline	14.922	138	22398	31.809	ng	92
54) 2,4-Dinitrophenol	15.122	184	44261	110.539	ng	# 88
55) Dibenzofuran	15.421	168	166076	43.162	ng	99
56) 4-Nitrophenol	15.210	139	54973	105.578	ng	94
57) 2,4-Dinitrotoluene	15.374	165	44332	44.185	ng	99
58) Fluorene	16.067	166	140447	44.112	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.639	232	46489	46.610	ng	# 99
60) Diethylphthalate	15.809	149	148024	44.846	ng	99
61) 4-Chlorophenyl-phenyle...	16.044	204	80616	43.125	ng	97
62) 4-Nitroaniline	16.079	138	32524	44.581	ng	97
63) Azobenzene	16.338	77	143686	43.681	ng	97
65) 4,6-Dinitro-2-methylph...	16.132	198	32062	48.869	ng	97
66) n-Nitrosodiphenylamine	16.261	169	121595	41.814	ng	99
67) 4-Bromophenyl-phenylether	16.943	248	55792	41.624	ng	98
68) Hexachlorobenzene	17.072	284	59550	44.938	ng	95
69) Atrazine	17.195	200	57948	48.005	ng	99
70) Pentachlorophenol	17.413	266	81411	85.633	ng	97
71) Phenanthrene	17.812	178	241600	43.743	ng	99
72) Anthracene	17.900	178	249771	44.114	ng	99
73) Carbazole	18.165	167	227947	46.176	ng	98
74) Di-n-butylphthalate	18.687	149	266061	46.544	ng	99
75) Fluoranthene	19.798	202	317362	45.328	ng	97
77) Benzidine	19.962	184	166890	59.811	ng	98
78) Pyrene	20.156	202	318020	45.041	ng	99
80) Butylbenzylphthalate	21.019	149	111059	45.709	ng	97
81) Benzo(a)anthracene	22.065	228	312804	44.280	ng	99
82) 3,3'-Dichlorobenzidine	21.965	252	78556	32.932	ng	96
83) Chrysene	22.142	228	286530	43.320	ng	99
84) Bis(2-ethylhexyl)phtha...	21.918	149	156745	44.552	ng	99
85) Di-n-octyl phthalate	23.240	149	259025	43.688	ng	99
87) Indeno(1,2,3-cd)pyrene	29.714	276	352721	44.015	ng	# 96
88) Benzo(b)fluoranthene	24.497	252	326674	48.178	ng	99
89) Benzo(k)fluoranthene	24.568	252	310861	45.923	ng	99
90) Benzo(a)pyrene	25.466	252	280552	42.106	ng	98
91) Dibenzo(a,h)anthracene	29.790	278	292292	44.374	ng	97
92) Benzo(g,h,i)perylene	31.006	276	283353	43.931	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.413 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

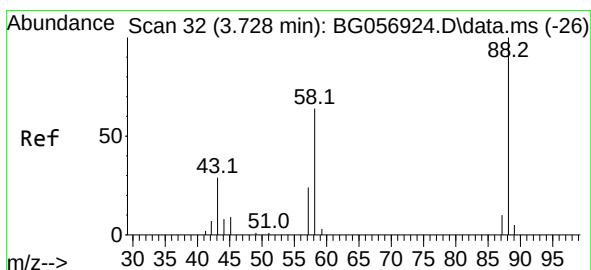
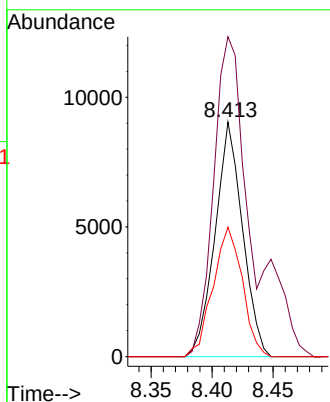
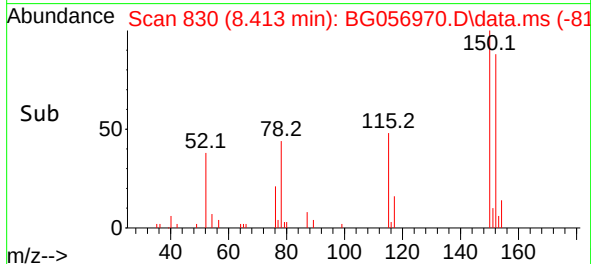
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



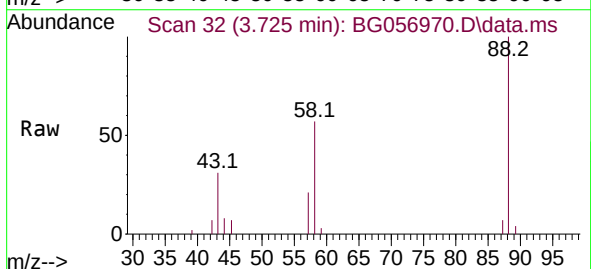
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Ion Ratio Lower Upper
152 100
150 136.4 124.1 186.1
115 55.1 49.1 73.7

Manual Integrations
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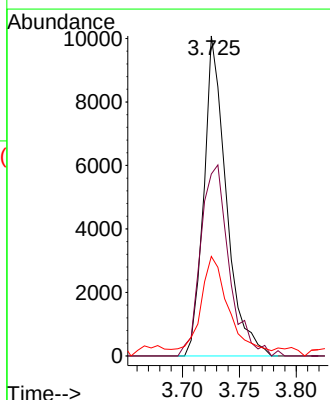
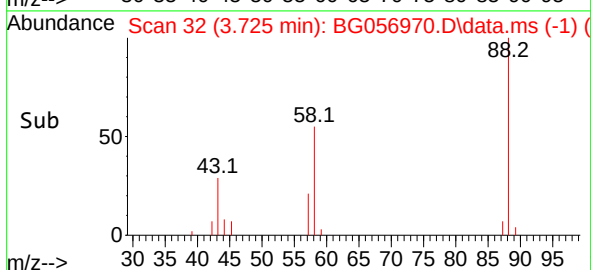
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

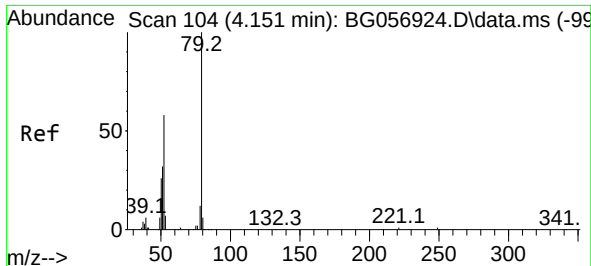


#2
1,4-Dioxane
Concen: 35.665 ng
RT: 3.725 min Scan# 32
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10



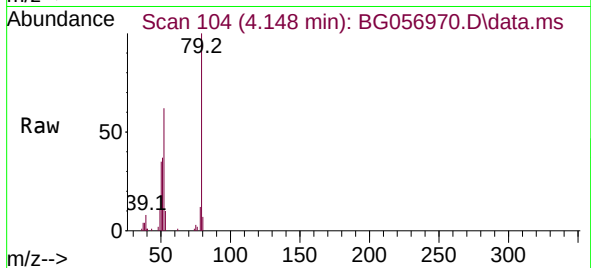
Tgt Ion: 88 Resp: 13854
Ion Ratio Lower Upper
88 100
58 75.5 55.9 83.9
43 38.6 25.7 38.5#





#3
 Pyridine
 Concen: 31.580 ng
 RT: 4.148 min Scan# 104
 Delta R.T. -0.003 min
 Lab File: BG056970.D
 Acq: 4 Apr 2023 18:10

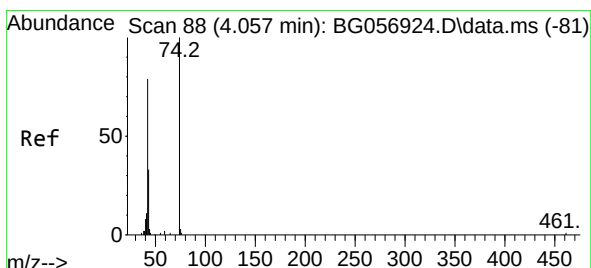
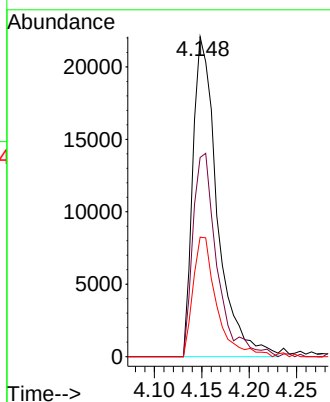
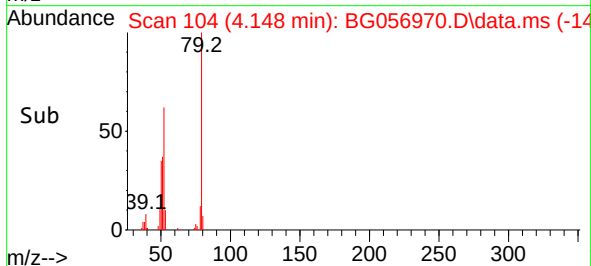
Instrument :
 BNA_G
 ClientSampleId :
 PB151693BSD



Tgt Ion: 79 Resp: 3951
 Ion Ratio Lower Upper
 79 100
 52 62.2 46.1 69.1
 51 37.3 26.1 39.1

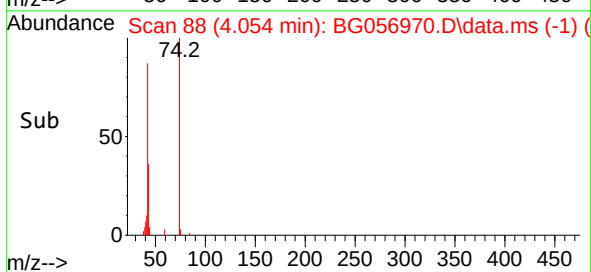
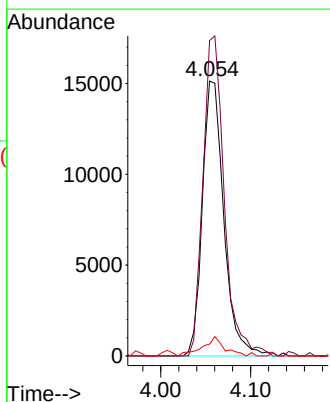
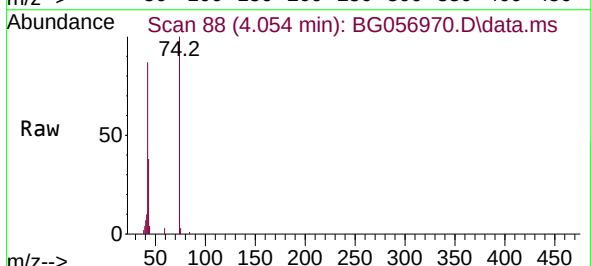
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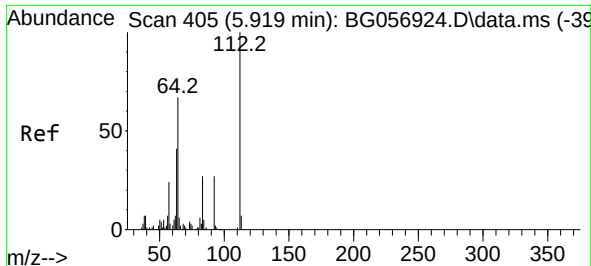
Reviewed By :Christian Giraldo 04/05/2023
 Supervised By :Jagrut Upadhyay 04/05/2023



#4
 n-Nitrosodimethylamine
 Concen: 43.610 ng
 RT: 4.054 min Scan# 88
 Delta R.T. -0.003 min
 Lab File: BG056970.D
 Acq: 4 Apr 2023 18:10

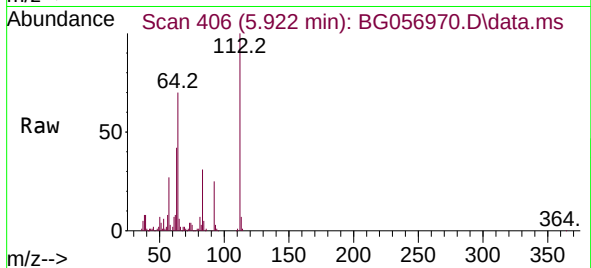
Tgt Ion: 42 Resp: 25086
 Ion Ratio Lower Upper
 42 100
 74 114.7 100.6 151.0
 44 4.3 4.6 7.0#





#5
2-Fluorophenol
Concen: 138.988 ng
RT: 5.922 min Scan# 405
Delta R.T. 0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

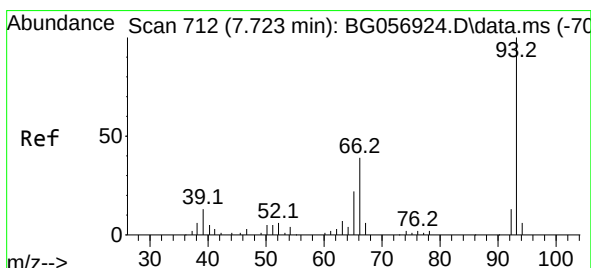
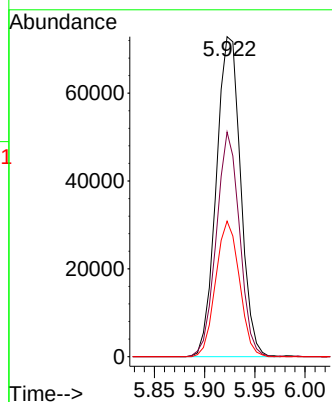
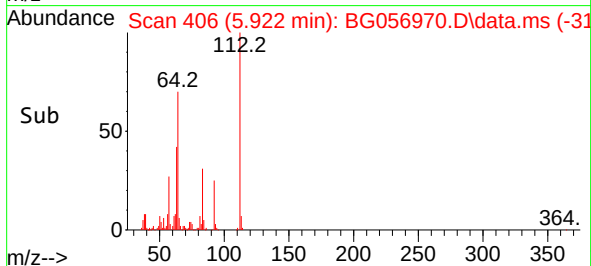
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 112 Resp: 12316
Ion Ratio Lower Upper
112 100
64 70.2 53.2 79.8
63 42.3 32.6 48.8

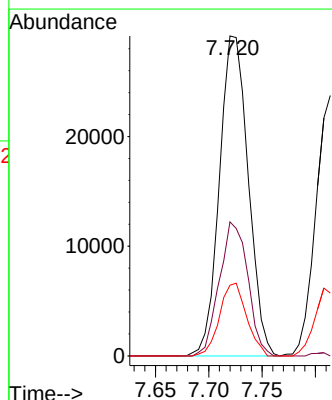
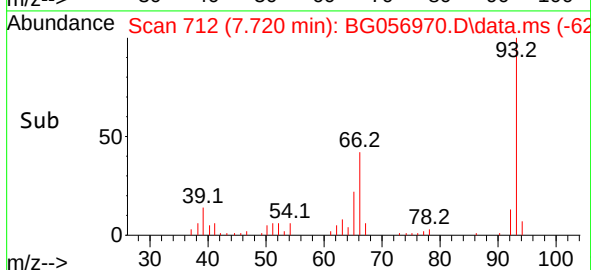
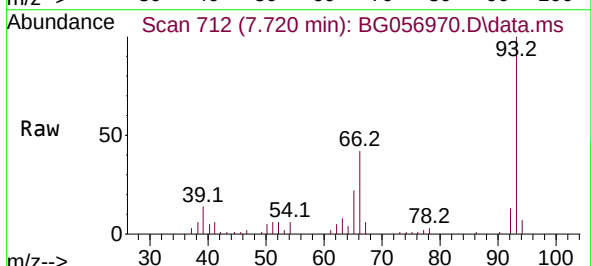
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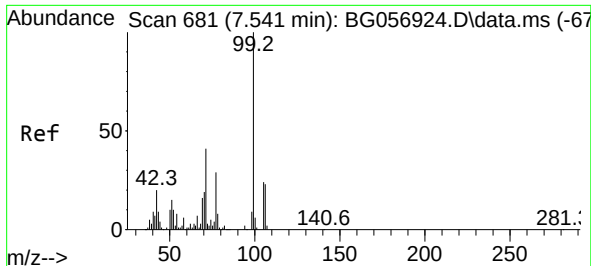
Reviewed By :Christian Giraldo 04/05/2023
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#6
Aniline
Concen: 32.382 ng
RT: 7.720 min Scan# 712
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

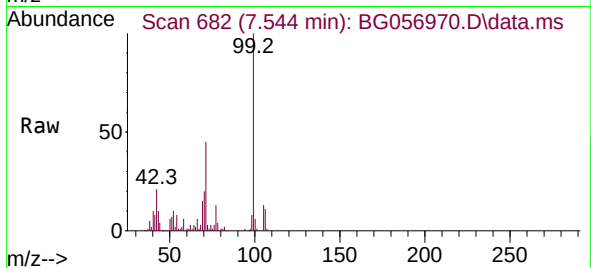
Tgt Ion: 93 Resp: 54864
Ion Ratio Lower Upper
93 100
66 41.9 31.4 47.0
65 22.1 17.3 25.9





#7
Phenol-d6
Concen: 133.863 ng
RT: 7.544 min Scan# 681
Delta R.T. 0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

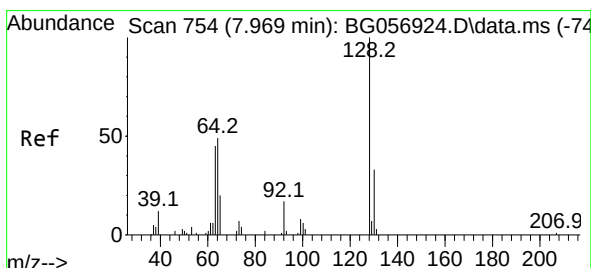
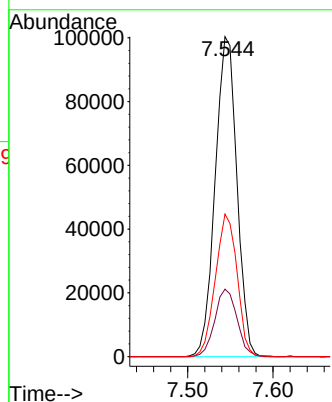
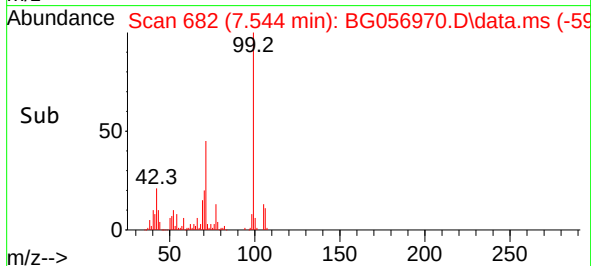
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ClientSampleId :
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Tgt Ion: 99 Resp: 177411
Ion Ratio Lower Upper
99 100
42 21.1 15.7 23.5
71 44.5 32.5 48.7

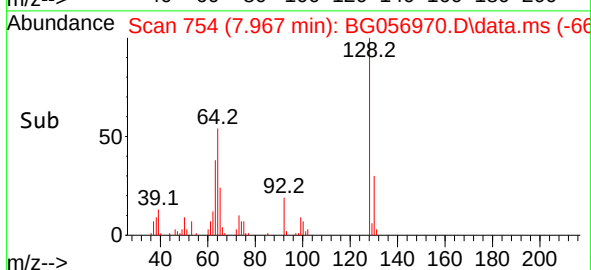
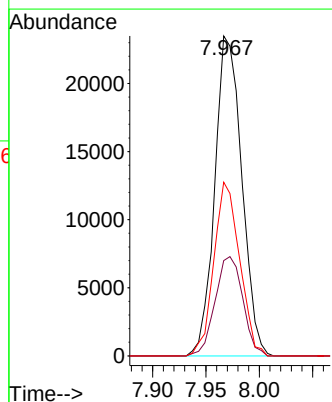
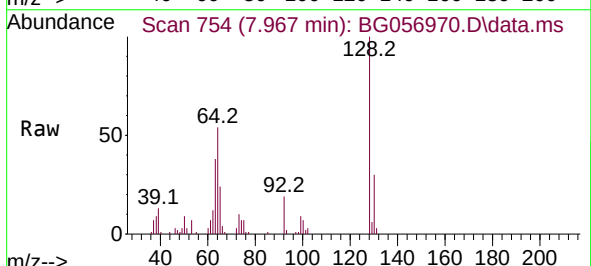
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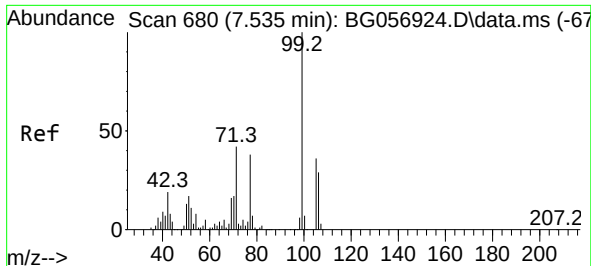
Reviewed By :Christian Giraldo 04/05/2023
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#8
2-Chlorophenol
Concen: 46.932 ng
RT: 7.967 min Scan# 754
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

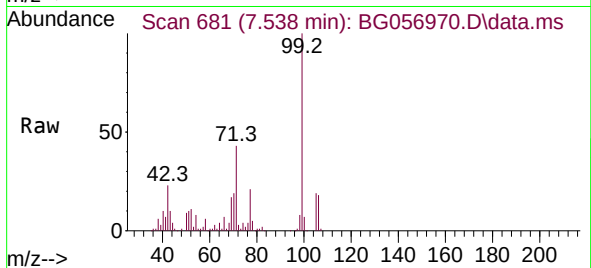
Tgt Ion:128 Resp: 41424
Ion Ratio Lower Upper
128 100
130 29.8 12.6 52.6
64 54.3 40.6 80.6





#9
Benzaldehyde
Concen: 36.998 ng
RT: 7.538 min Scan# 680
Delta R.T. 0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

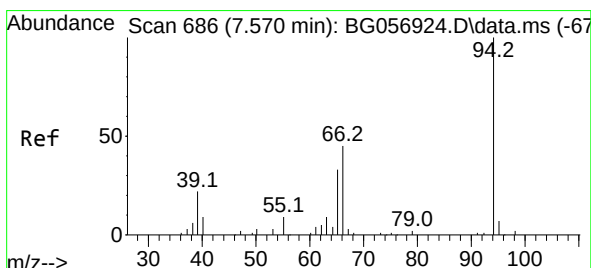
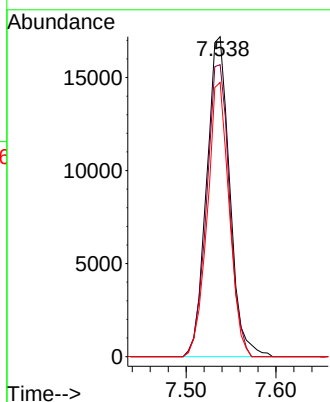
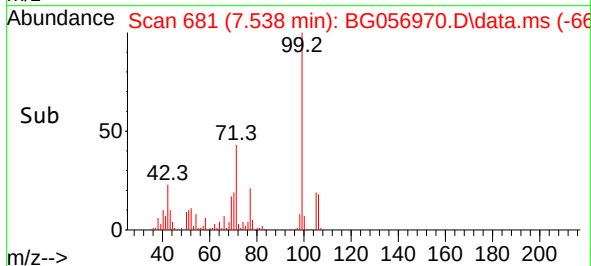
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



Tgt Ion: 77 Resp: 3075
Ion Ratio Lower Upper
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105 91.2 73.6 113.6
106 85.7 56.7 96.7

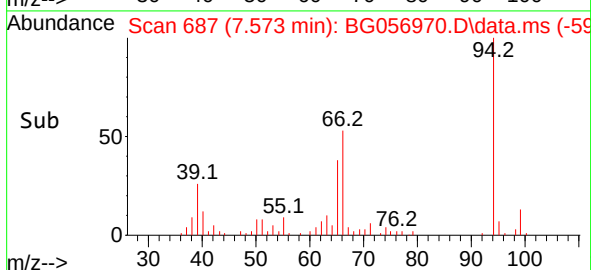
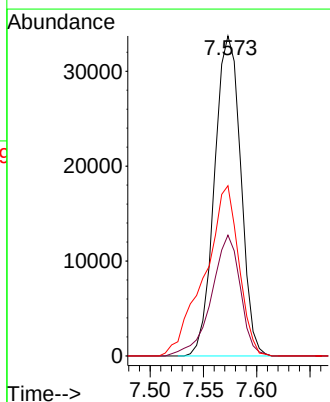
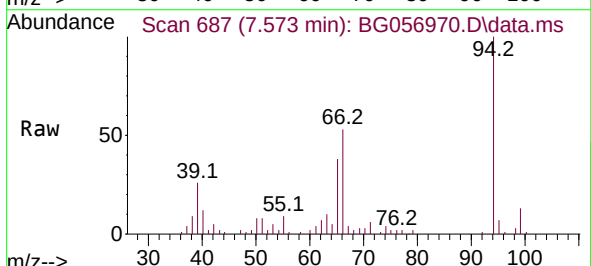
Manual Integrations
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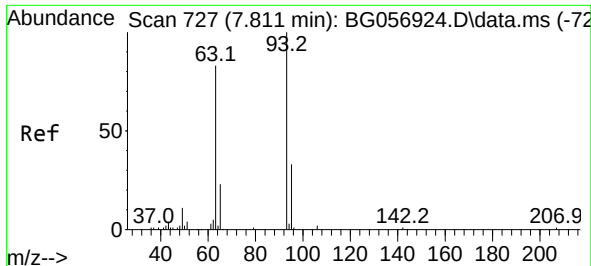
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#10
Phenol
Concen: 43.865 ng
RT: 7.573 min Scan# 687
Delta R.T. 0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

Tgt Ion: 94 Resp: 57604
Ion Ratio Lower Upper
94 100
65 37.7 13.3 53.3
66 53.2 26.7 66.7





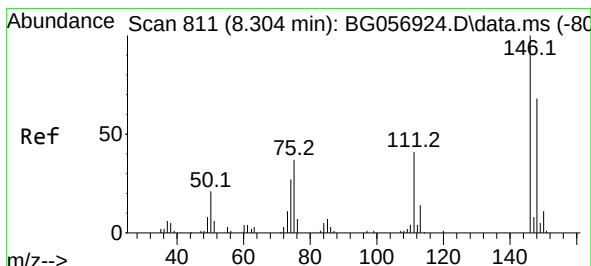
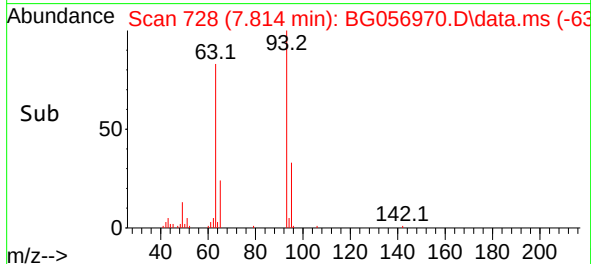
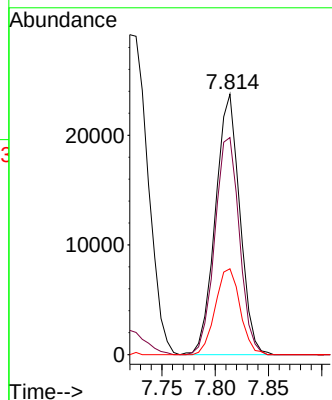
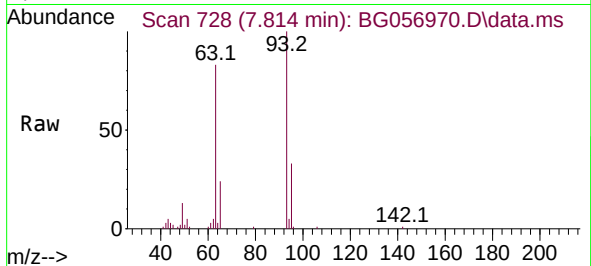
#11
bis(2-Chloroethyl)ether
Concen: 40.433 ng
RT: 7.814 min Scan# 727
Delta R.T. 0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

Instrument :
BNA_G
ClientSampleId :
PB151693BSD

Tgt Ion: 93 Resp: 37822
Ion Ratio Lower Upper
93 100
63 83.4 62.7 102.7
95 33.0 12.3 52.3

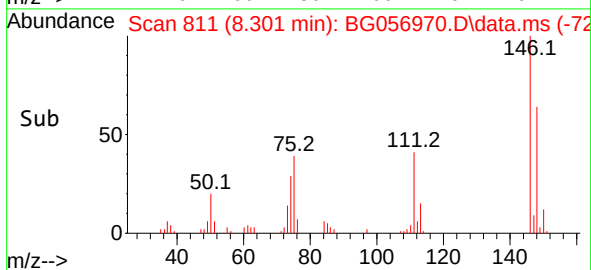
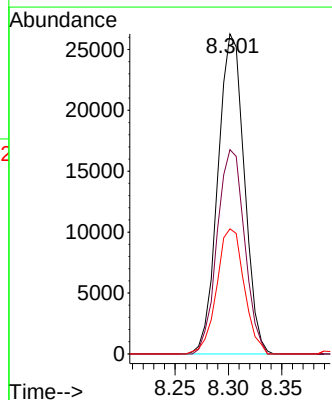
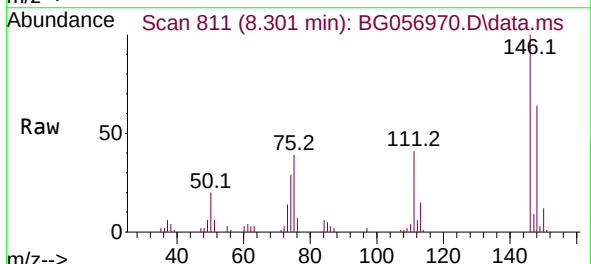
Manual Integrations
APPROVED

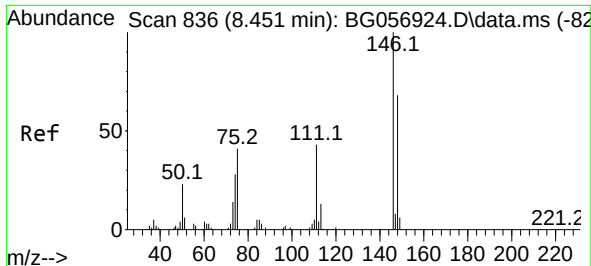
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#12
1,3-Dichlorobenzene
Concen: 46.375 ng
RT: 8.301 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

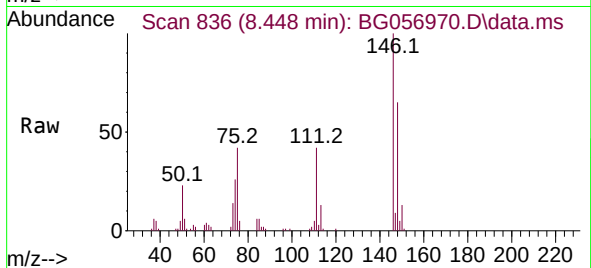
Tgt Ion:146 Resp: 45228
Ion Ratio Lower Upper
146 100
148 63.8 54.2 81.4
75 39.1 29.8 44.8





#13
1,4-Dichlorobenzene
Concen: 46.809 ng
RT: 8.448 min Scan# 836
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

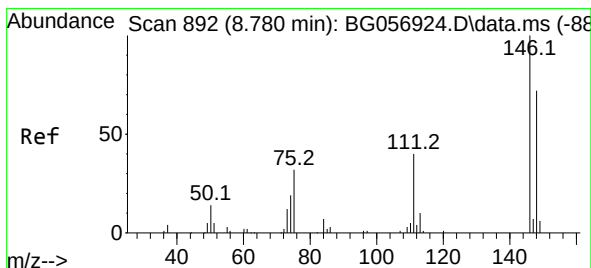
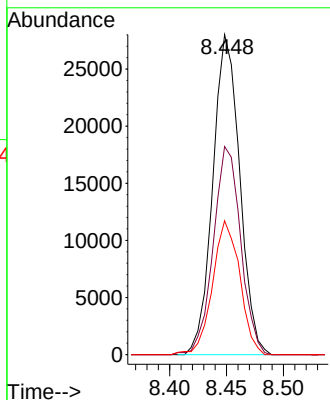
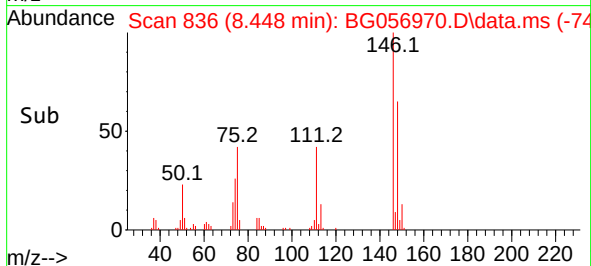
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



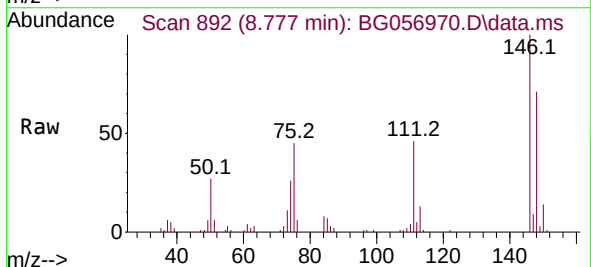
Tgt Ion:146 Resp: 46074
Ion Ratio Lower Upper
146 100
148 65.0 54.8 82.2
111 41.8 34.6 52.0

Manual Integrations
APPROVED

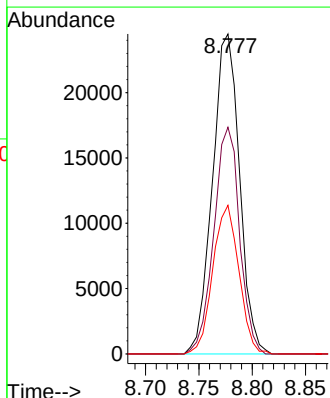
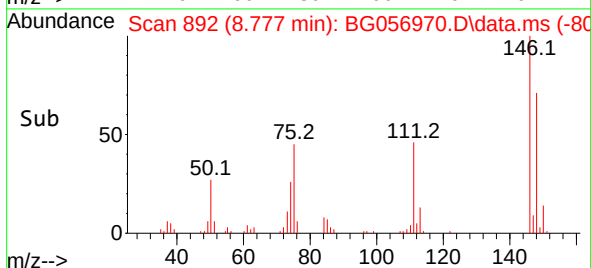
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

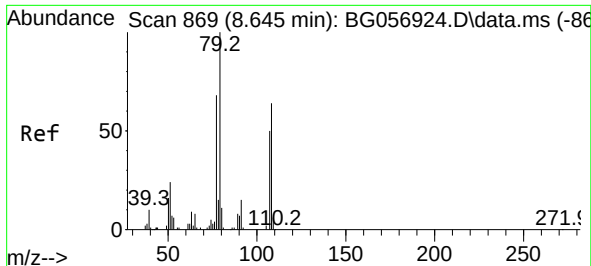


#14
1,2-Dichlorobenzene
Concen: 45.476 ng
RT: 8.777 min Scan# 892
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10



Tgt Ion:146 Resp: 43246
Ion Ratio Lower Upper
146 100
148 70.8 57.4 86.0
111 46.4 33.2 49.8





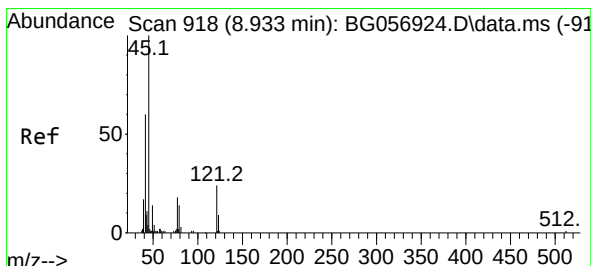
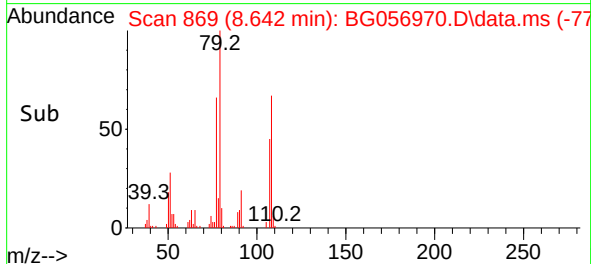
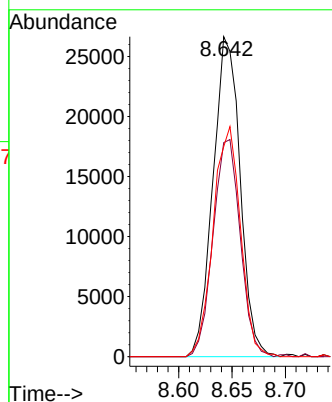
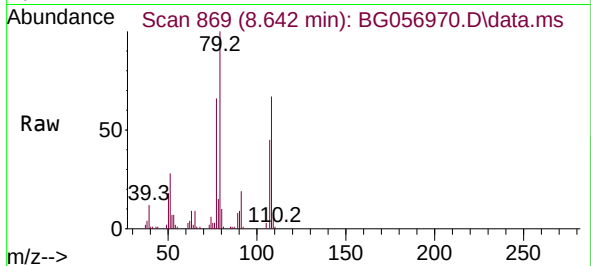
#15
Benzyl Alcohol
Concen: 42.783 ng
RT: 8.642 min Scan# 869
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

Instrument :
BNA_G
ClientSampleId :
PB151693BSD

Tgt Ion: 79 Resp: 47114
Ion Ratio Lower Upper
79 100
108 66.9 51.2 76.8
77 65.6 54.4 81.6

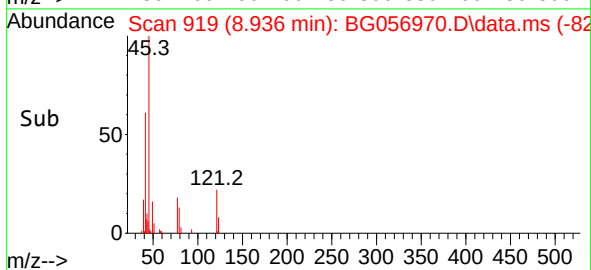
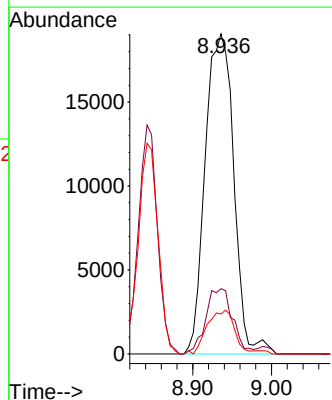
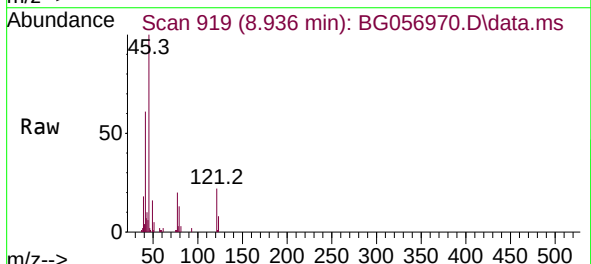
Manual Integrations
APPROVED

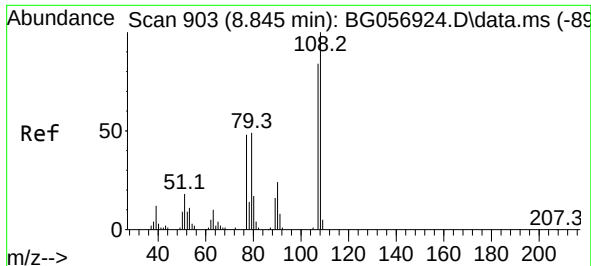
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.586 ng m
RT: 8.936 min Scan# 919
Delta R.T. 0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

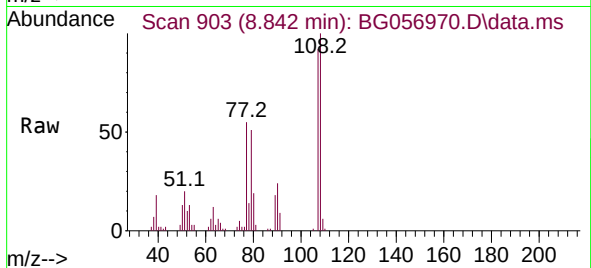
Tgt Ion: 45 Resp: 48010
Ion Ratio Lower Upper
45 100
77 20.4 0.0 38.7
79 12.5 0.0 35.1





#17
2-Methylphenol
Concen: 41.771 ng
RT: 8.842 min Scan# 903
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

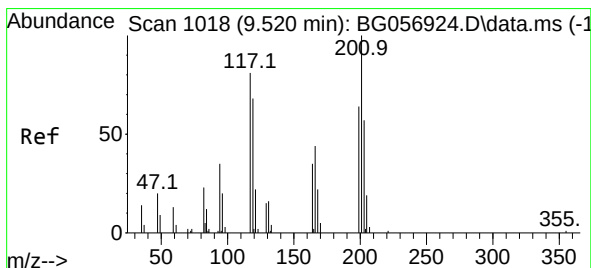
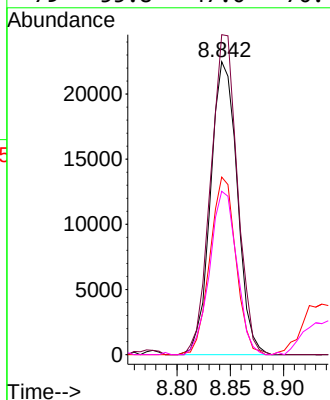
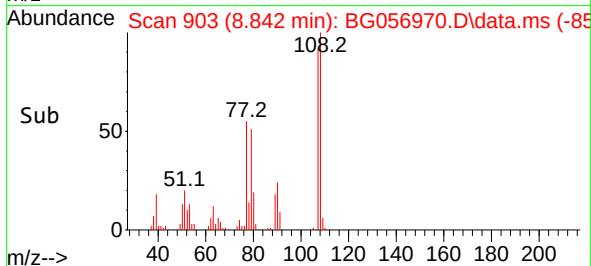
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



Tgt Ion:	107	Resp:	39135
Ion Ratio	Lower	Upper	
107	100		
108	109.2	96.0	144.0
77	60.6	45.6	68.4
79	55.8	47.0	70.4

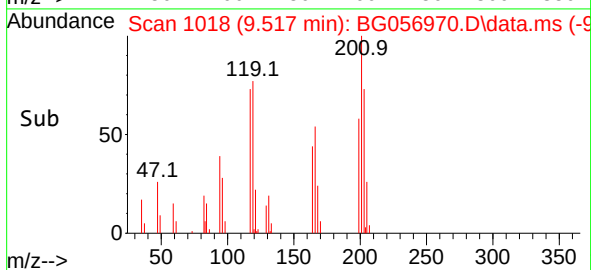
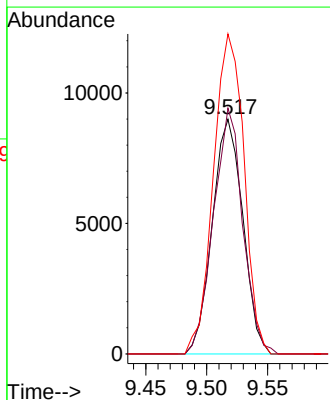
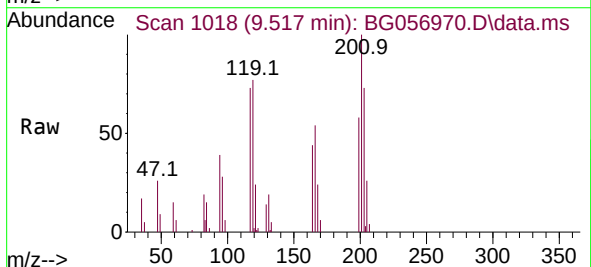
Manual Integrations
APPROVED

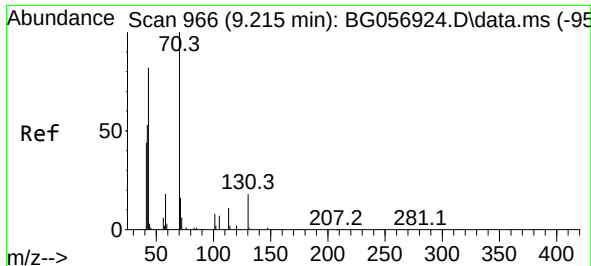
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#18
Hexachloroethane
Concen: 43.545 ng
RT: 9.517 min Scan# 1018
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

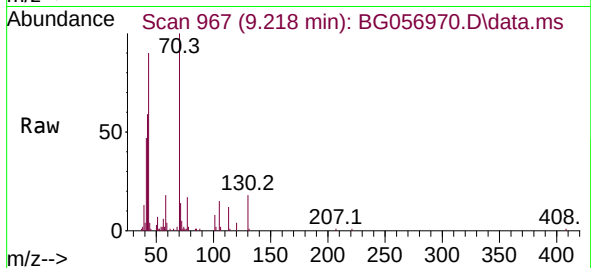
Tgt Ion:	117	Resp:	15666
Ion Ratio	Lower	Upper	
117	100		
119	104.7	67.0	100.6
201	136.4	98.7	148.1





#19
n-Nitroso-di-n-propylamine
Concen: 39.277 ng
RT: 9.218 min Scan# 966
Delta R.T. 0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

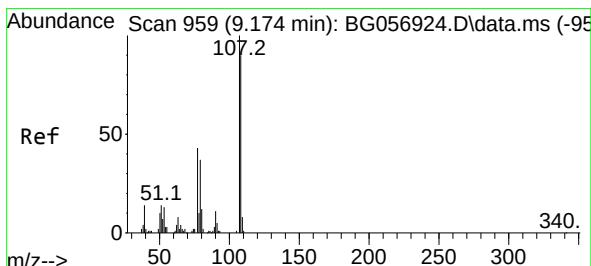
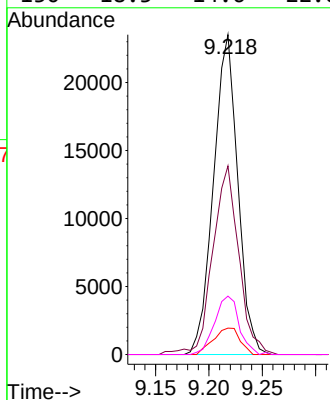
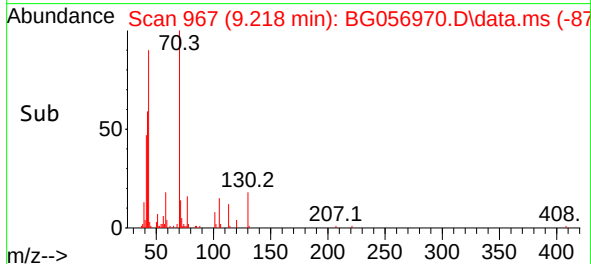
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



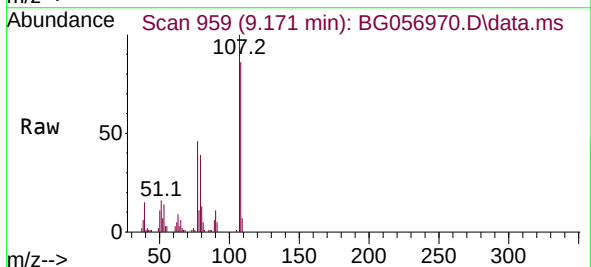
Tgt Ion: 70 Resp: 37233
Ion Ratio Lower Upper
70 100
42 59.0 43.4 65.0
101 8.3 6.2 9.2
130 18.3 14.6 22.0

Manual Integrations
APPROVED

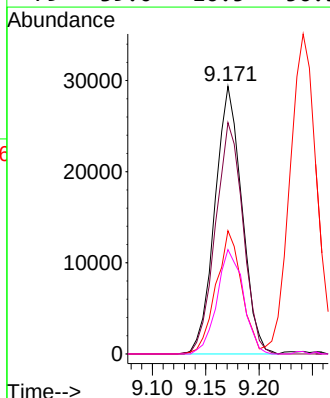
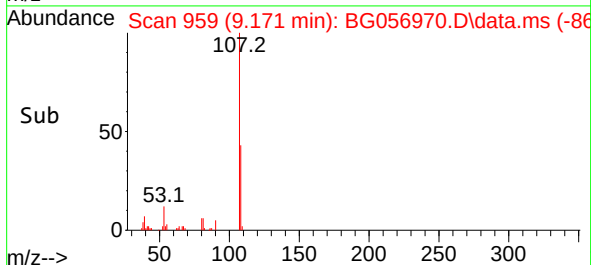
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

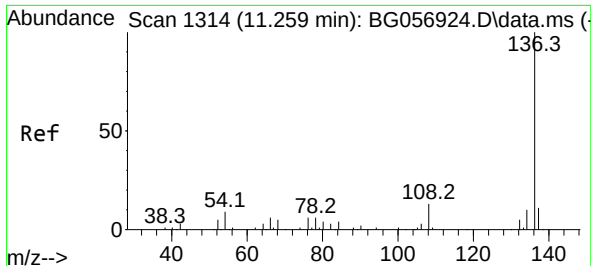


#20
3+4-Methylphenols
Concen: 39.592 ng
RT: 9.171 min Scan# 959
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10



Tgt Ion:107 Resp: 51869
Ion Ratio Lower Upper
107 100
108 86.4 69.9 109.9
77 46.0 22.7 62.7
79 39.0 16.5 56.5





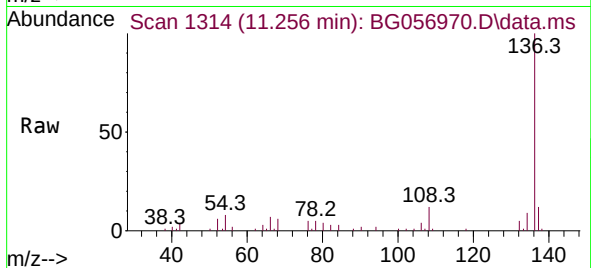
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.256 min Scan# 1314
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB151693BSD

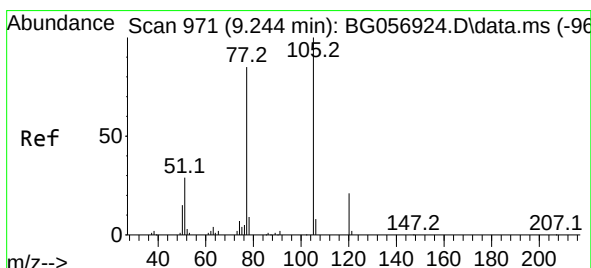
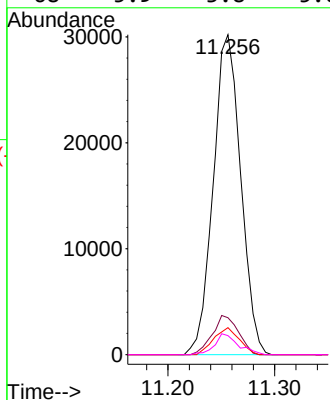
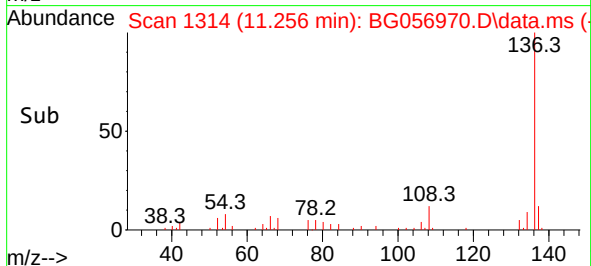


Tgt Ion:136 Resp: 54031
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 8.4 6.9 10.3
68 5.9 3.8 5.6#

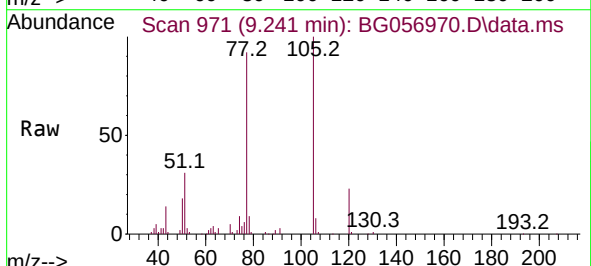
Manual Integrations

APPROVED

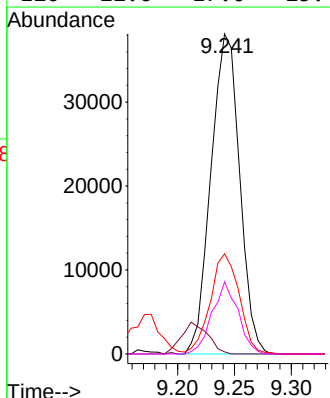
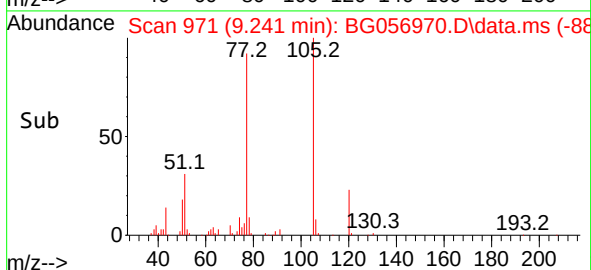
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

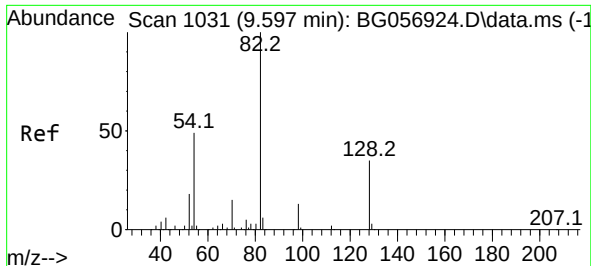


#22
Acetophenone
Concen: 41.555 ng
RT: 9.241 min Scan# 971
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10



Tgt Ion:105 Resp: 66811
Ion Ratio Lower Upper
105 100
71 0.6 0.7 1.1#
51 31.3 23.8 35.8
120 22.6 17.0 25.4





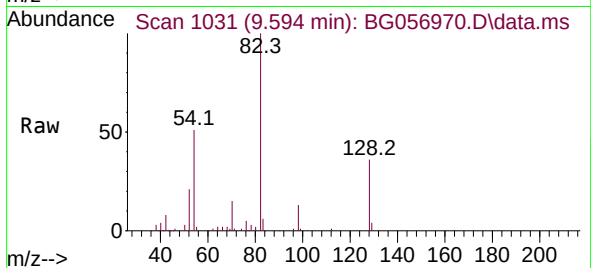
#23
Nitrobenzene-d5
Concen: 86.962 ng
RT: 9.594 min Scan# 1031
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

Instrument :

BNA_G

ClientSampleId :

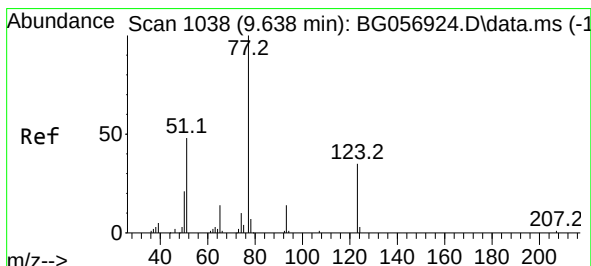
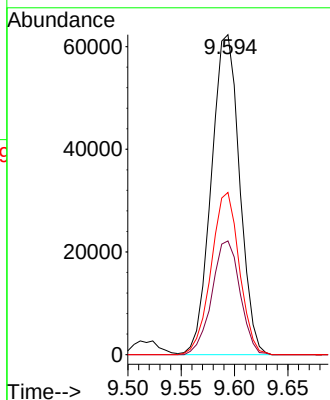
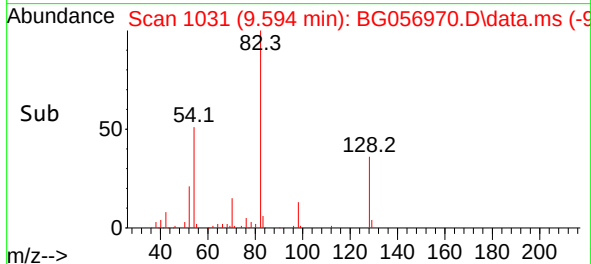
PB151693BSD



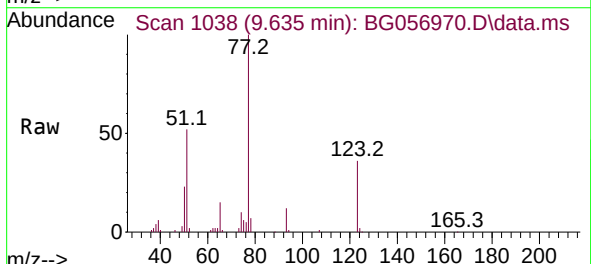
Tgt Ion: 82 Resp: 114832
Ion Ratio Lower Upper
82 100
128 35.5 27.9 41.9
54 50.7 39.4 59.2

Manual Integrations
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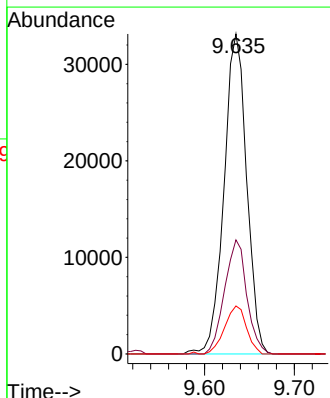
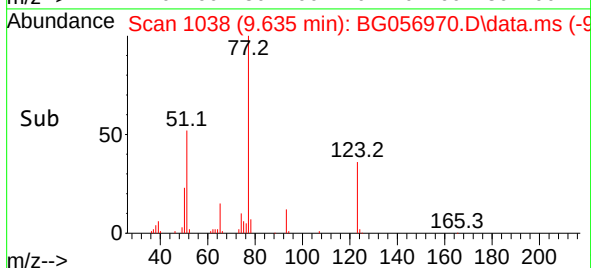
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

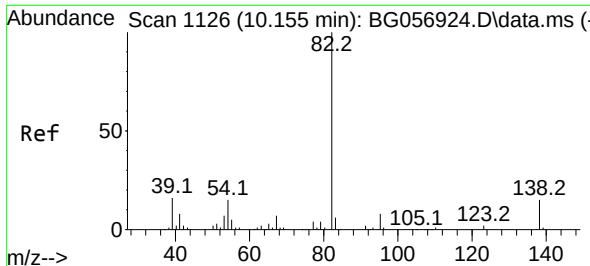


#24
Nitrobenzene
Concen: 43.138 ng
RT: 9.635 min Scan# 1038
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10



Tgt Ion: 77 Resp: 58238
Ion Ratio Lower Upper
77 100
123 35.6 27.6 41.4
65 15.0 11.5 17.3





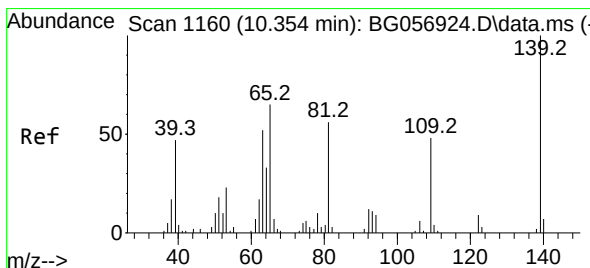
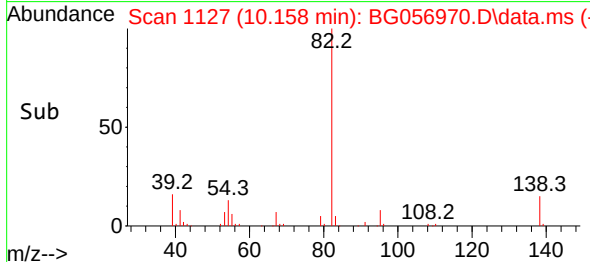
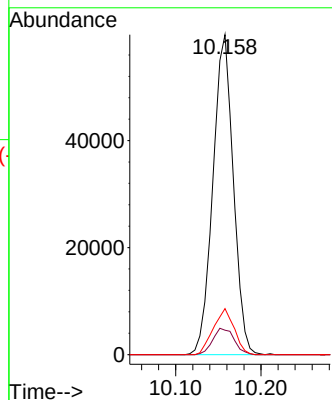
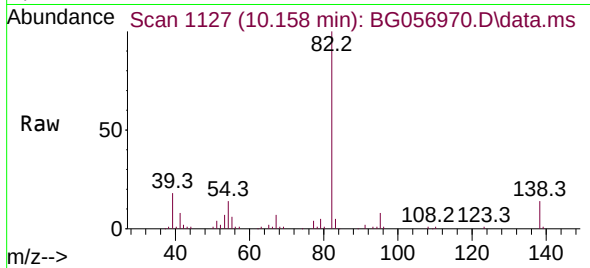
#25
Isophorone
Concen: 39.576 ng
RT: 10.158 min Scan# 1126
Delta R.T. 0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

Instrument :
BNA_G
ClientSampleId :
PB151693BSD

Tgt Ion: 82 Resp: 99515
Ion Ratio Lower Upper
82 100
95 7.7 6.3 9.5
138 14.4 11.8 17.8

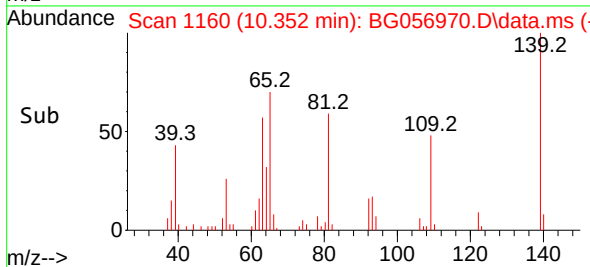
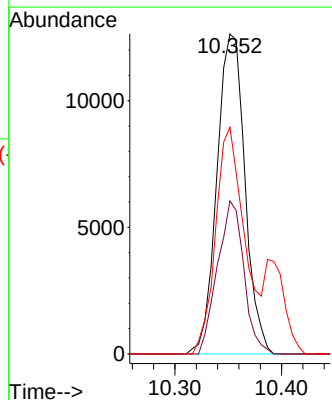
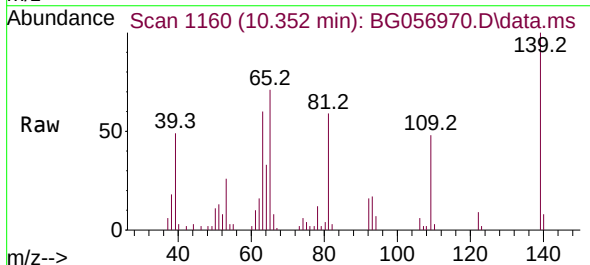
Manual Integrations
APPROVED

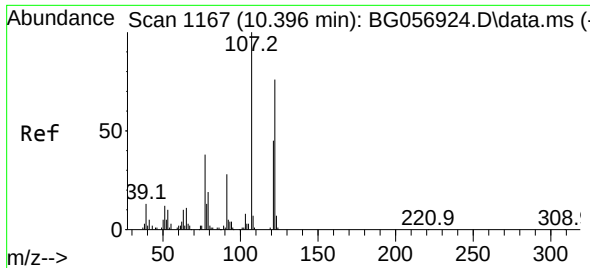
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#26
2-Nitrophenol
Concen: 44.320 ng
RT: 10.352 min Scan# 1160
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

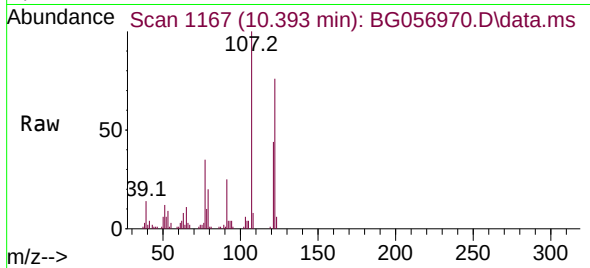
Tgt Ion:139 Resp: 23095
Ion Ratio Lower Upper
139 100
109 47.8 38.2 57.4
65 70.8 51.8 77.8





#27
2,4-Dimethylphenol
Concen: 45.593 ng
RT: 10.393 min Scan# 1167
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

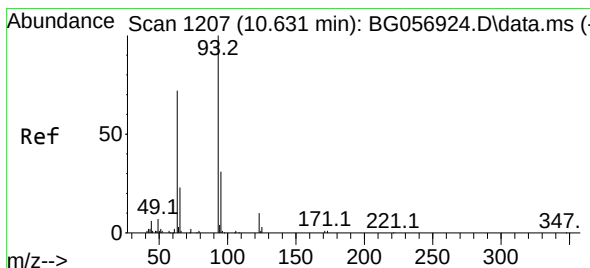
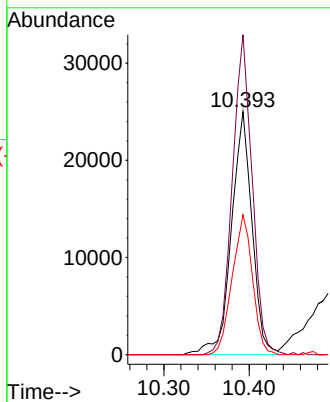
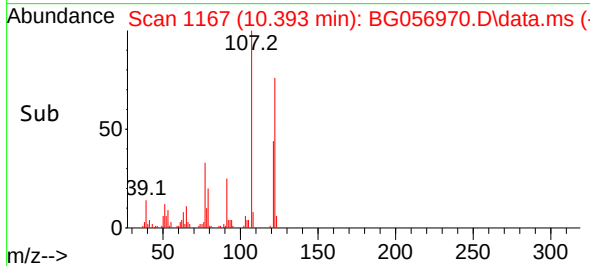
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



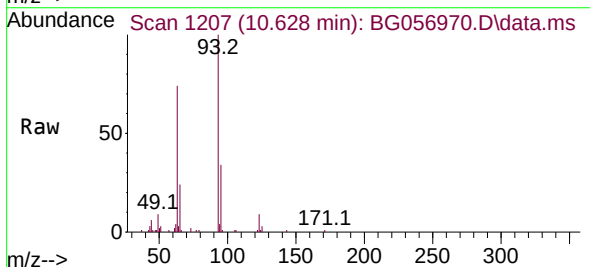
Tgt Ion:122 Resp: 41948
Ion Ratio Lower Upper
122 100
107 131.7 105.7 158.5
121 57.5 48.0 72.0

Manual Integrations
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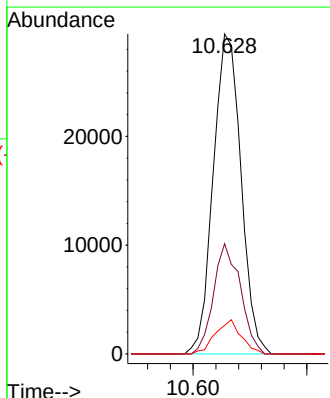
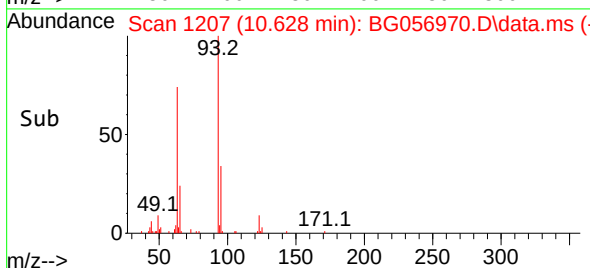
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

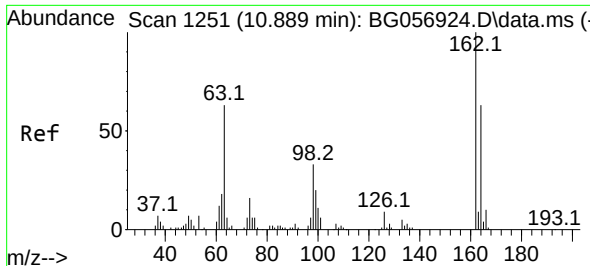


#28
bis(2-Chloroethoxy)methane
Concen: 39.515 ng
RT: 10.628 min Scan# 1207
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10



Tgt Ion: 93 Resp: 49744
Ion Ratio Lower Upper
93 100
95 34.4 24.6 37.0
123 8.9 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 44.680 ng

RT: 10.886 min Scan# 1251

Delta R.T. -0.003 min

Lab File: BG056970.D

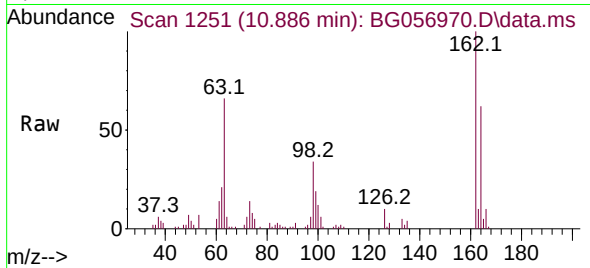
Acq: 4 Apr 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB151693BSD



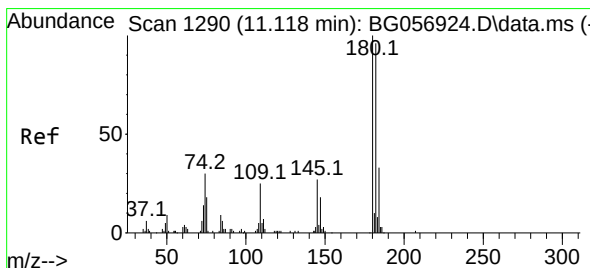
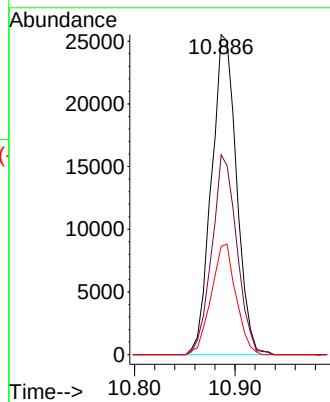
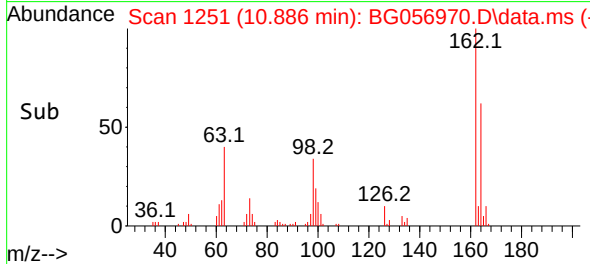
Tgt Ion:	162	Resp:	44210
Ion Ratio	Lower	Upper	
162	100		
164	62.4	43.4	83.4
98	33.9	12.5	52.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.459 ng

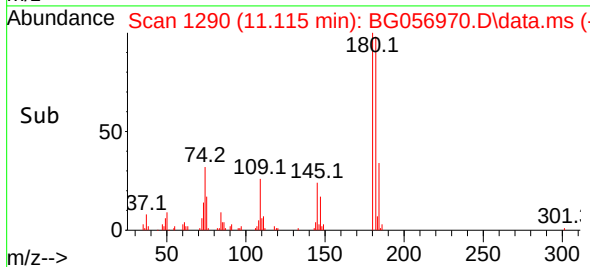
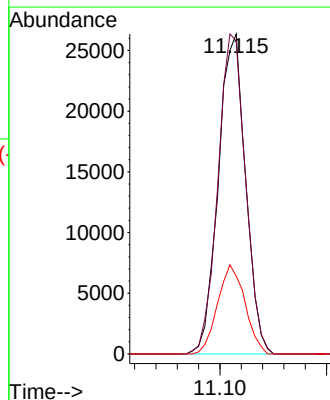
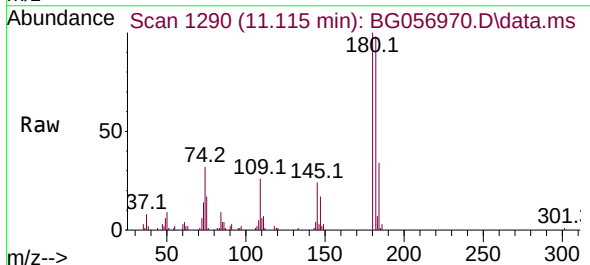
RT: 11.115 min Scan# 1290

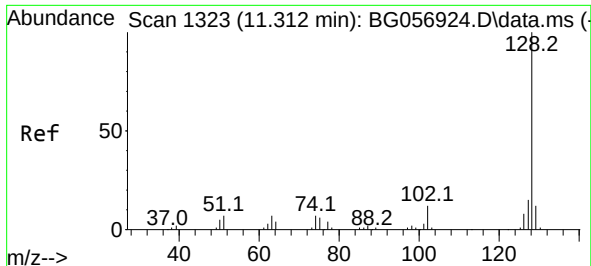
Delta R.T. -0.003 min

Lab File: BG056970.D

Acq: 4 Apr 2023 18:10

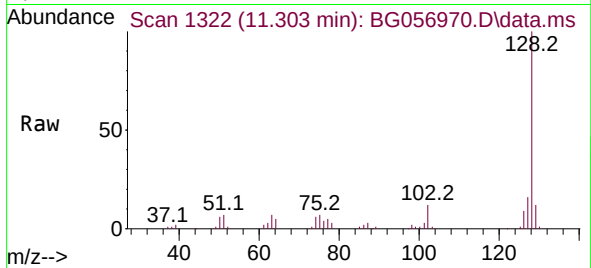
Tgt Ion:	180	Resp:	46742
Ion Ratio	Lower	Upper	
180	100		
182	97.8	77.1	115.7
145	24.4	21.3	31.9





#31
Naphthalene
Concen: 41.866 ng
RT: 11.303 min Scan# 1323
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

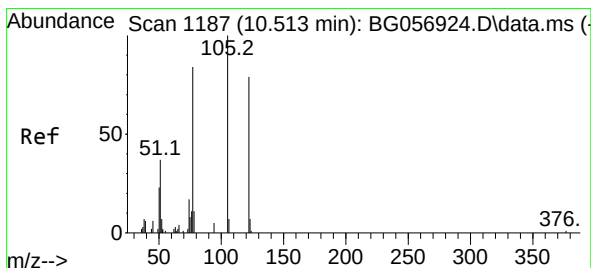
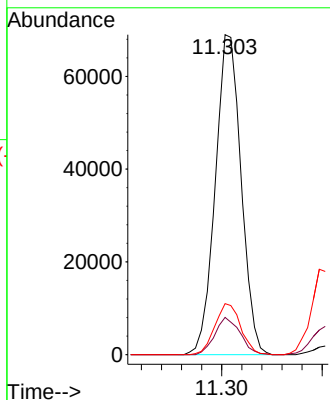
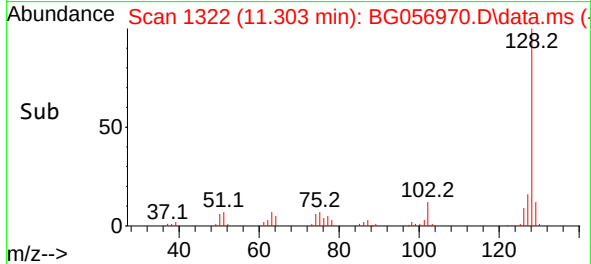
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



Tgt Ion:128 Resp: 123299
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 15.9 12.2 18.4

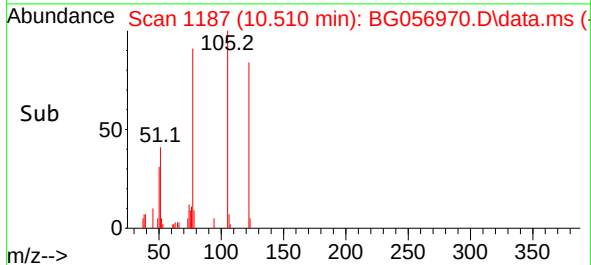
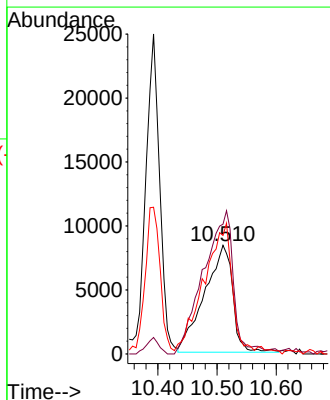
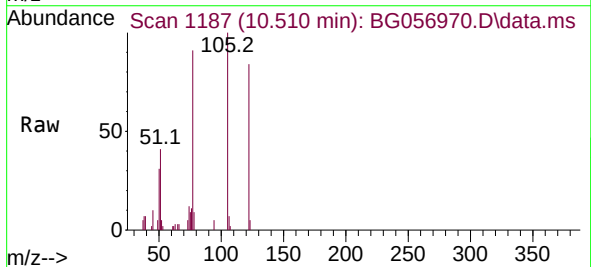
Manual Integrations
APPROVED

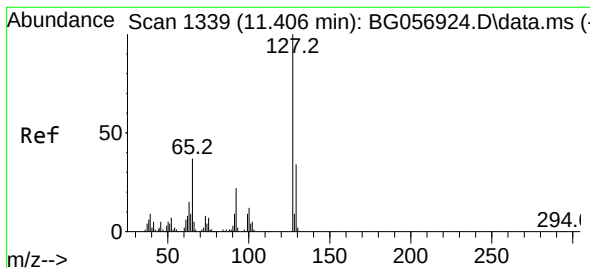
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#32
Benzoic acid
Concen: 43.880 ng m
RT: 10.510 min Scan# 1187
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

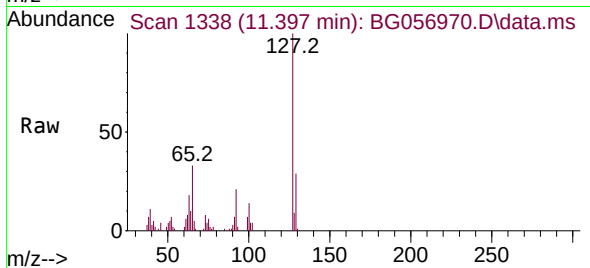
Tgt Ion:122 Resp: 27732
Ion Ratio Lower Upper
122 100
105 119.5 105.4 145.4
77 109.2 87.4 127.4





#33
4-Chloroaniline
Concen: 25.638 ng
RT: 11.397 min Scan# 1338
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

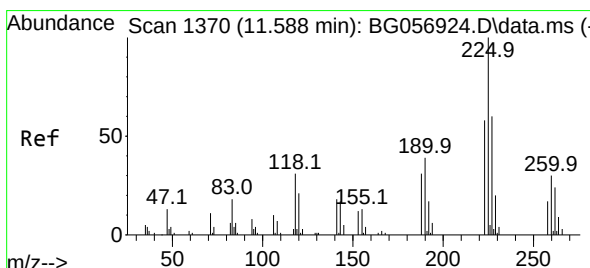
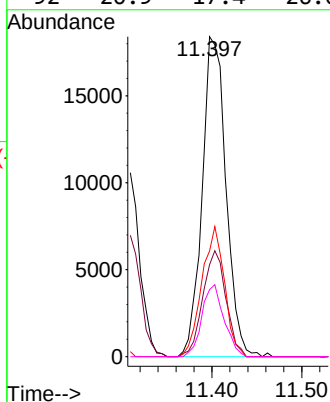
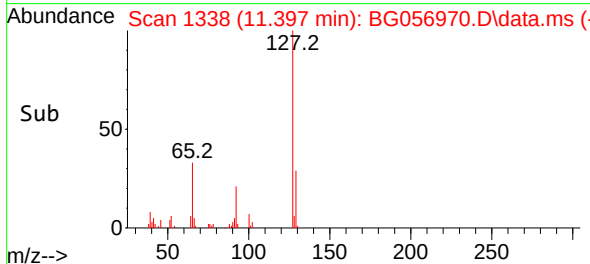
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



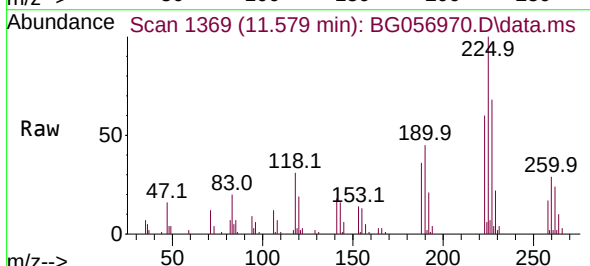
Tgt Ion:	127	Resp:	3410
Ion Ratio	Lower	Upper	
127	100		
129	28.7	27.6	41.4
65	33.0	29.8	44.8
92	20.9	17.4	26.0

Manual Integrations
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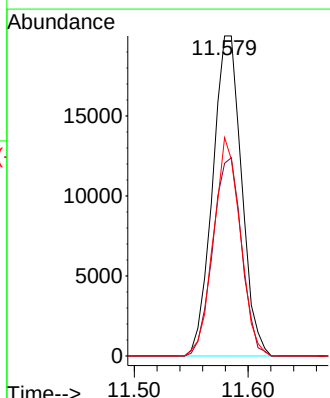
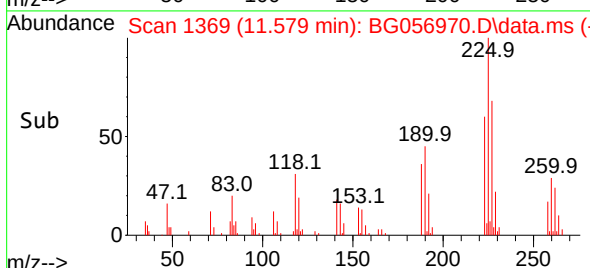
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

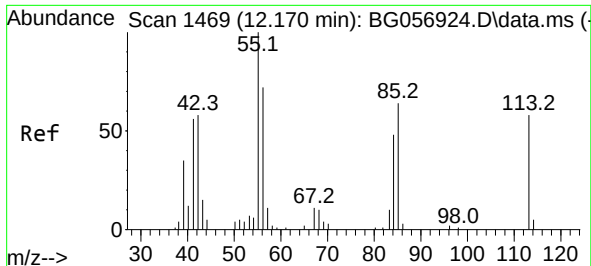


#34
Hexachlorobutadiene
Concen: 44.737 ng
RT: 11.579 min Scan# 1369
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10



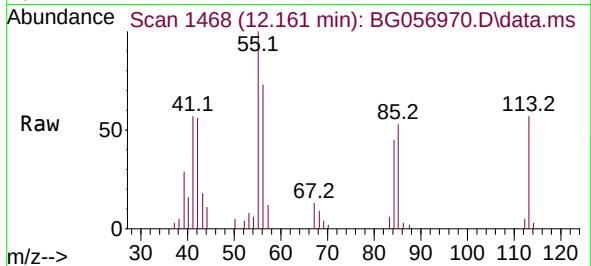
Tgt Ion:	225	Resp:	35331
Ion Ratio	Lower	Upper	
225	100		
223	60.2	46.4	69.6
227	68.2	48.0	72.0





#35
 Caprolactam
 Concen: 41.054 ng m
 RT: 12.161 min Scan# 1469
 Delta R.T. -0.009 min
 Lab File: BG056970.D
 Acq: 4 Apr 2023 18:10

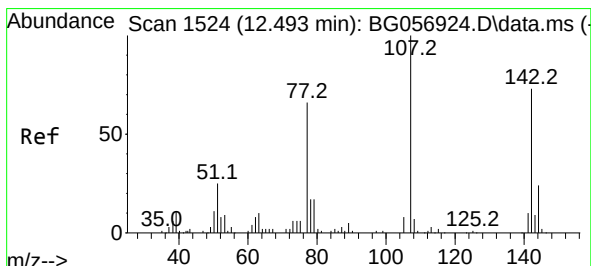
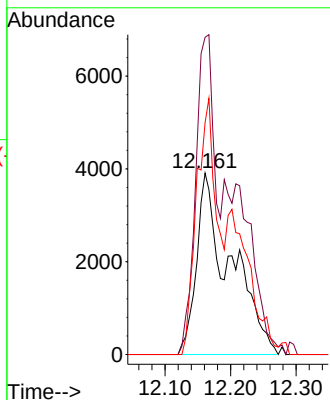
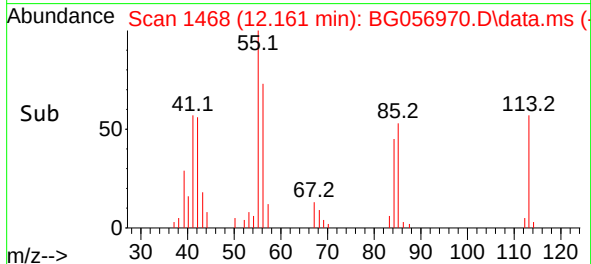
Instrument :
 BNA_G
 ClientSampleId :
 PB151693BSD



Tgt Ion:113 Resp: 14009
 Ion Ratio Lower Upper
 113 100
 55 174.9 151.6 191.6
 56 127.8 103.7 143.7

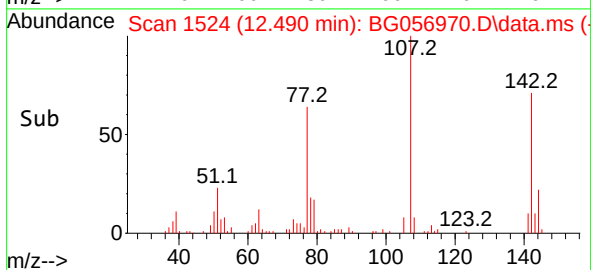
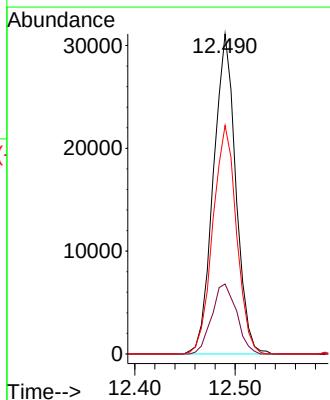
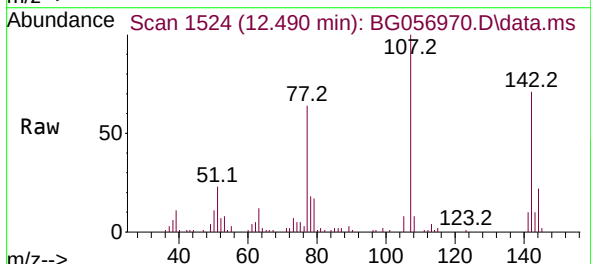
Manual Integrations
 APPROVED

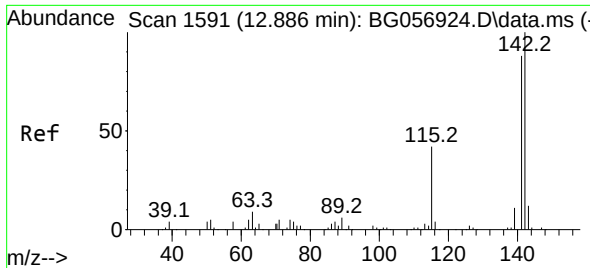
Reviewed By :Christian Giraldo 04/05/2023
 Supervised By :Jagrut Upadhyay 04/05/2023



#36
 4-Chloro-3-methylphenol
 Concen: 43.610 ng
 RT: 12.490 min Scan# 1524
 Delta R.T. -0.003 min
 Lab File: BG056970.D
 Acq: 4 Apr 2023 18:10

Tgt Ion:107 Resp: 48257
 Ion Ratio Lower Upper
 107 100
 144 21.8 19.0 28.4
 142 71.4 58.6 88.0





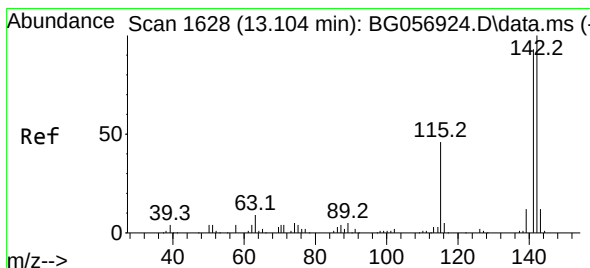
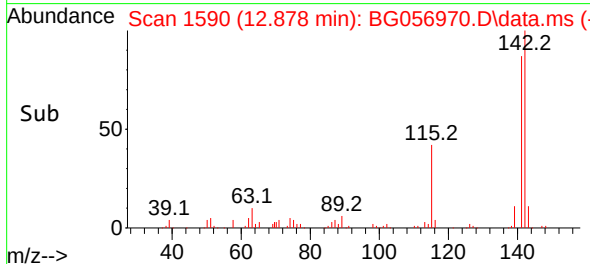
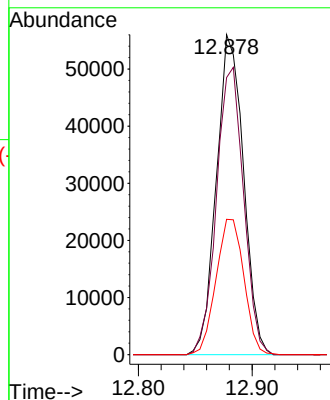
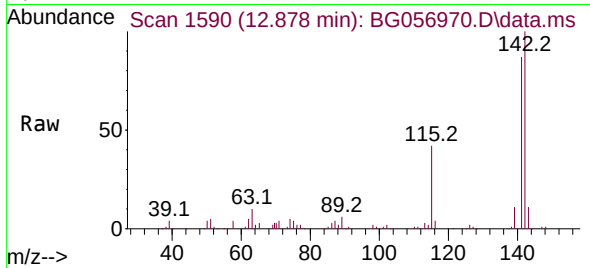
#37
2-Methylnaphthalene
Concen: 39.659 ng
RT: 12.878 min Scan# 1590
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

Instrument :
BNA_G
ClientSampleId :
PB151693BSD

Tgt Ion:142 Resp: 92698
Ion Ratio Lower Upper
142 100
141 86.6 70.3 105.5
115 42.3 33.5 50.3

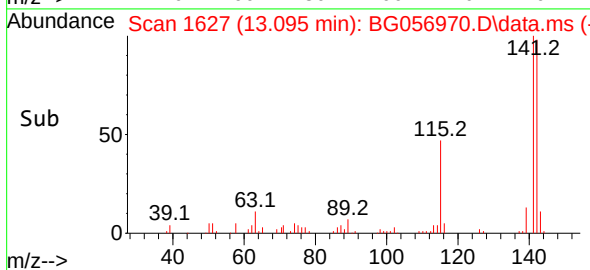
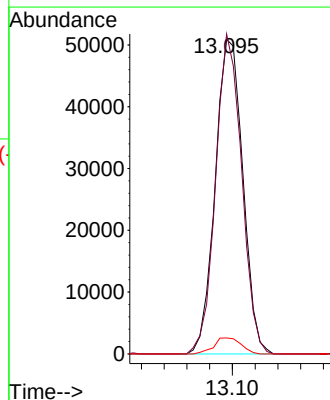
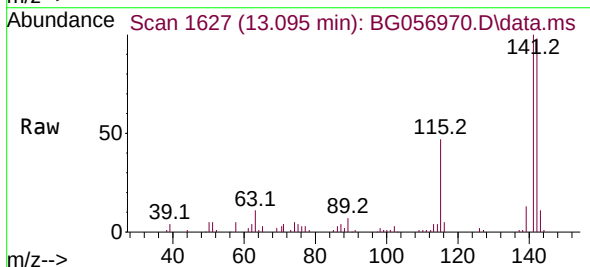
Manual Integrations
APPROVED

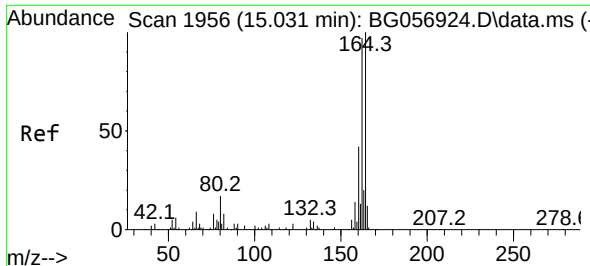
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#38
1-Methylnaphthalene
Concen: 39.125 ng
RT: 13.095 min Scan# 1627
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

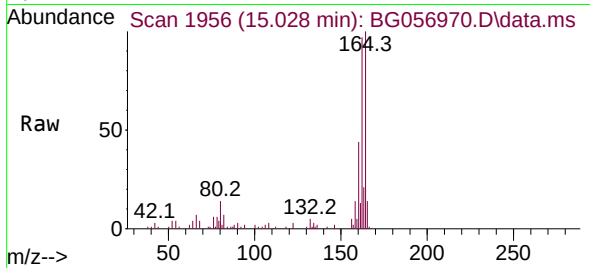
Tgt Ion:142 Resp: 85871
Ion Ratio Lower Upper
142 100
141 101.7 74.0 111.0
116 5.1 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.028 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

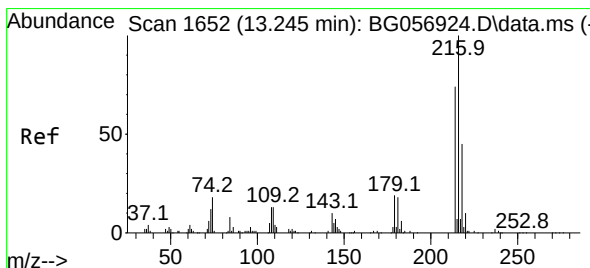
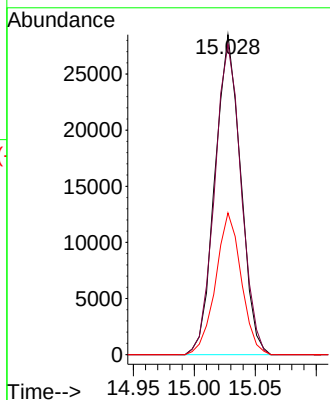
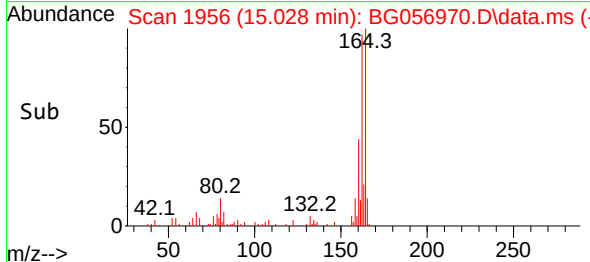
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



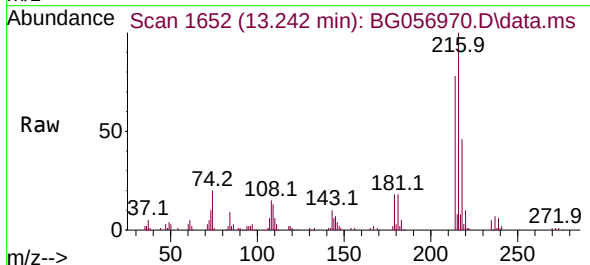
Tgt Ion:164 Resp: 41787
Ion Ratio Lower Upper
164 100
162 97.0 77.8 116.8
160 44.3 33.5 50.3

Manual Integrations
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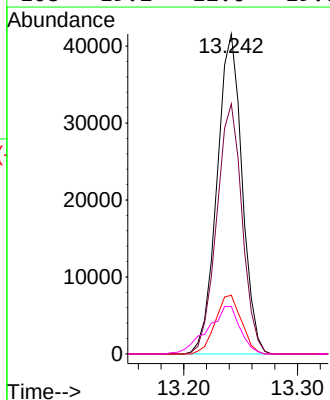
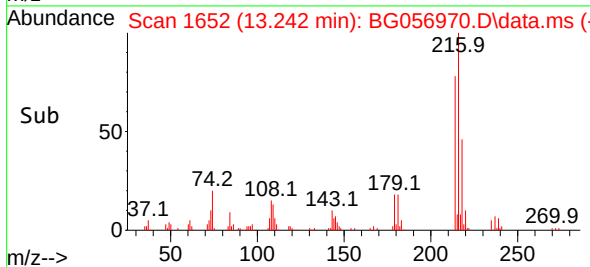
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

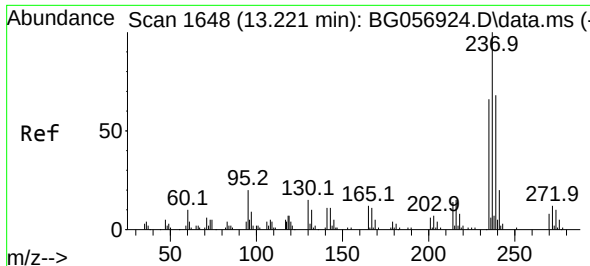


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.949 ng
RT: 13.242 min Scan# 1652
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10



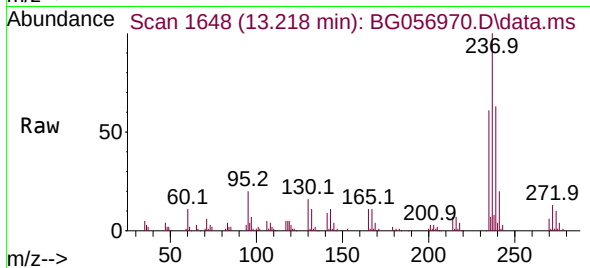
Tgt Ion:216 Resp: 63685
Ion Ratio Lower Upper
216 100
214 79.1 63.3 94.9
179 19.0 15.0 22.6
108 19.2 12.6 19.0#





#41
Hexachlorocyclopentadiene
Concen: 115.993 ng
RT: 13.218 min Scan# 1648
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

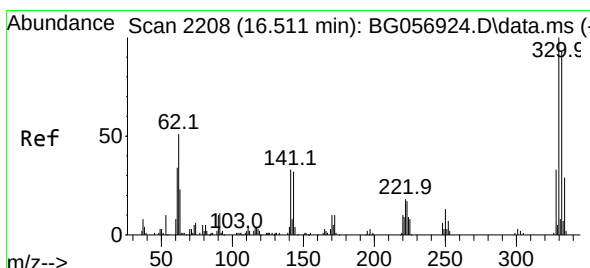
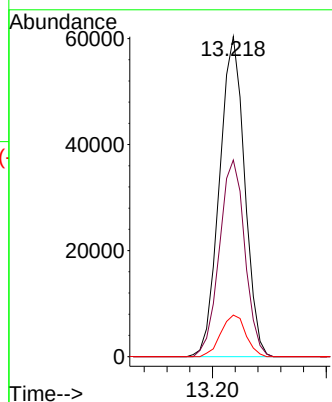
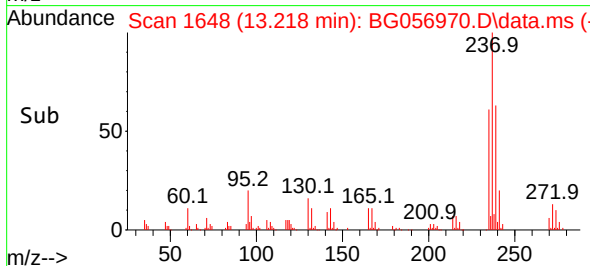
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



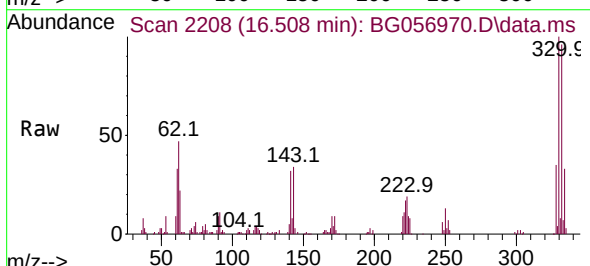
Tgt Ion: 237 Resp: 92608
Ion Ratio Lower Upper
237 100
235 61.4 45.9 85.9
272 13.0 0.0 32.3

Manual Integrations
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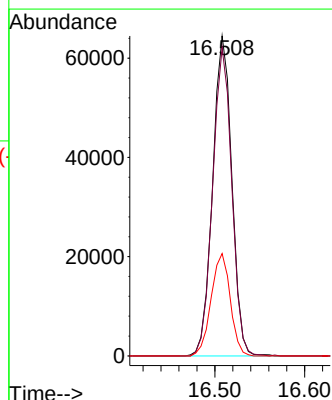
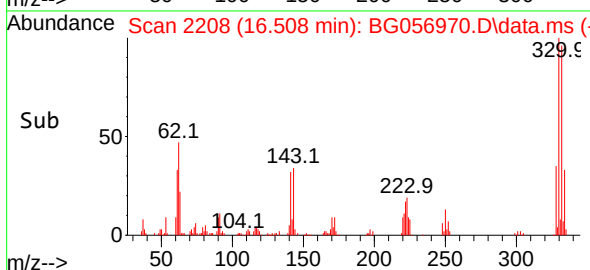
Reviewed By : Christian Giraldo 04/05/2023
Supervised By : Jagrut Upadhyay 04/05/2023

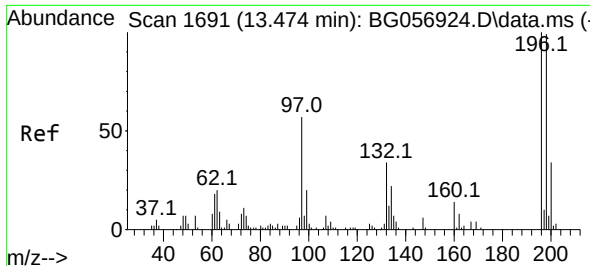


#42
2,4,6-Tribromophenol
Concen: 143.842 ng
RT: 16.508 min Scan# 2208
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10



Tgt Ion: 330 Resp: 96023
Ion Ratio Lower Upper
330 100
332 95.9 76.1 114.1
141 31.9 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 44.224 ng
RT: 13.465 min Scan# 1691
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

Instrument :

BNA_G

ClientSampleId :

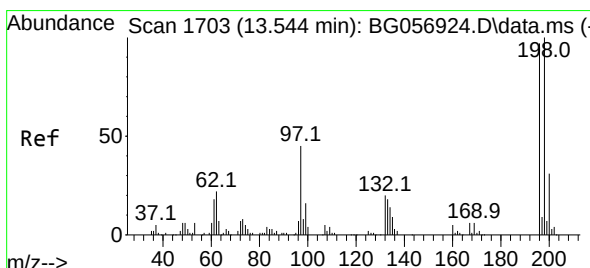
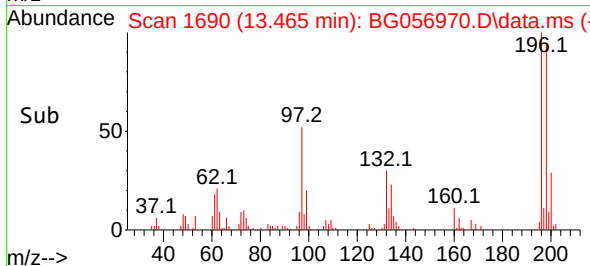
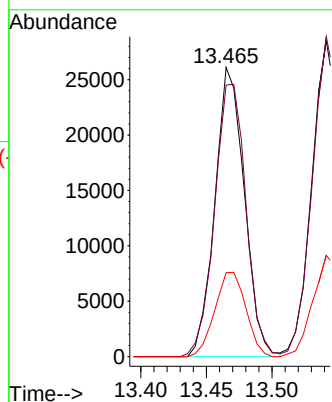
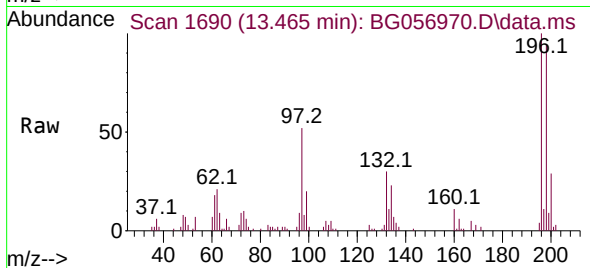
PB151693BSD

Tgt Ion:196 Resp: 40894
Ion Ratio Lower Upper
196 100
198 93.9 79.1 118.7
200 29.0 27.2 40.8

Manual Integrations

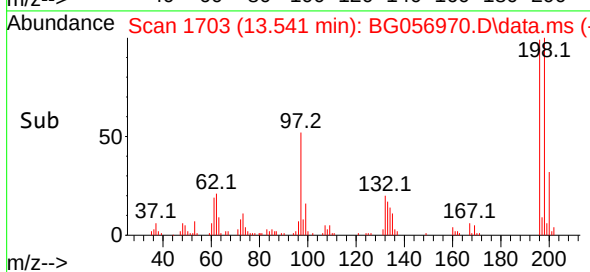
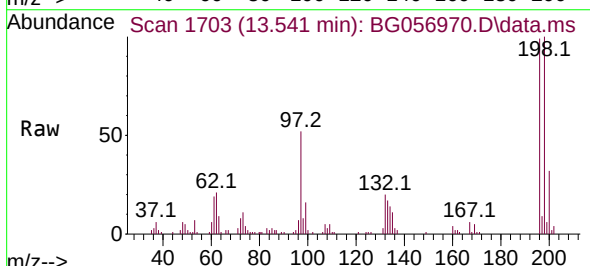
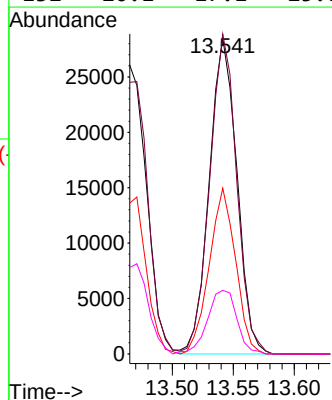
APPROVED

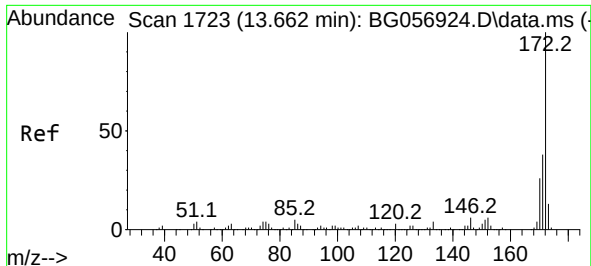
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#44
2,4,5-Trichlorophenol
Concen: 41.012 ng
RT: 13.541 min Scan# 1703
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

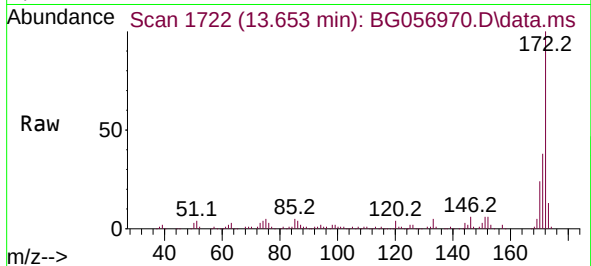
Tgt Ion:196 Resp: 44927
Ion Ratio Lower Upper
196 100
198 101.3 82.5 123.7
97 52.4 37.0 55.6
132 20.1 17.1 25.7





#45
2-Fluorobiphenyl
Concen: 85.807 ng
RT: 13.653 min Scan# 1722
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

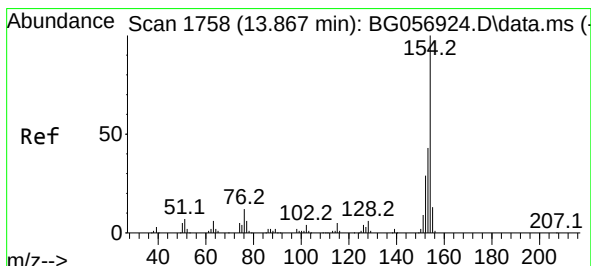
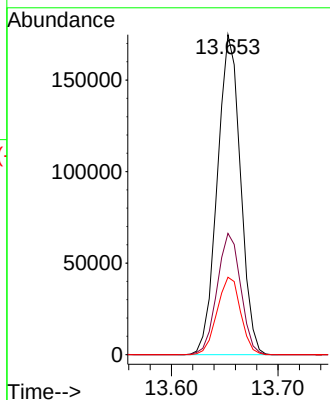
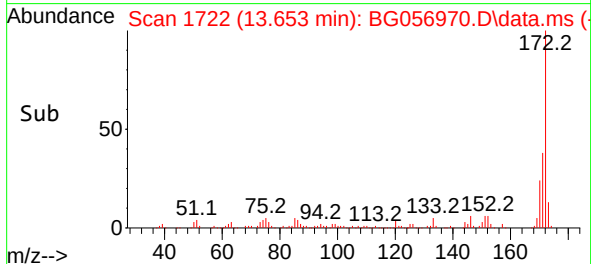
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



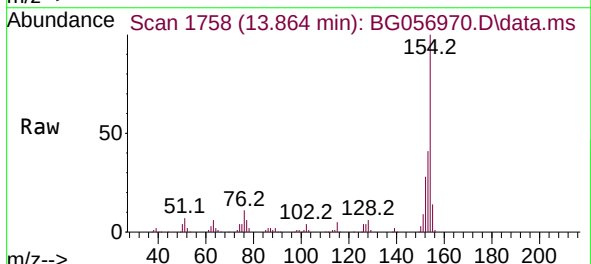
Tgt Ion:172 Resp: 264424
Ion Ratio Lower Upper
172 100
171 37.9 30.6 46.0
170 24.2 20.6 30.8

Manual Integrations
APPROVED

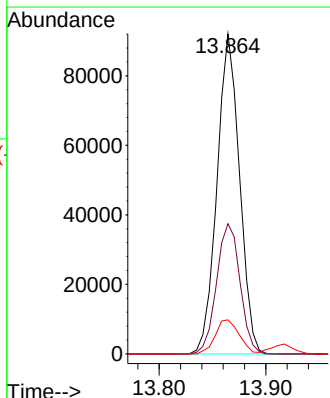
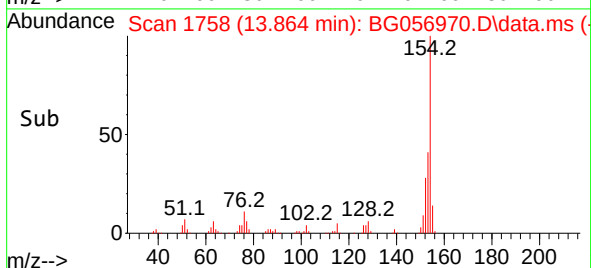
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

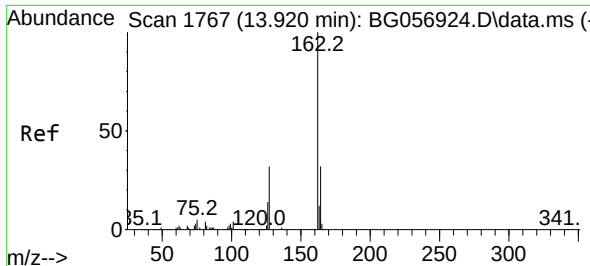


#46
1,1'-Biphenyl
Concen: 44.233 ng
RT: 13.864 min Scan# 1758
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10



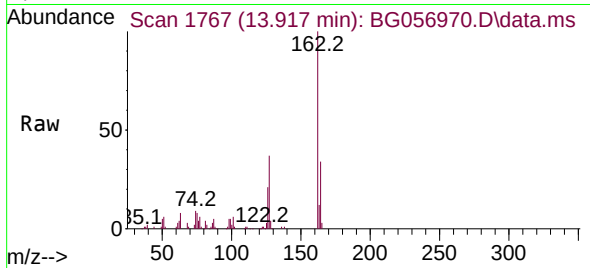
Tgt Ion:154 Resp: 135305
Ion Ratio Lower Upper
154 100
153 40.7 23.4 63.4
76 10.6 0.0 31.6





#47
2-Chloronaphthalene
Concen: 44.425 ng
RT: 13.917 min Scan# 1767
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

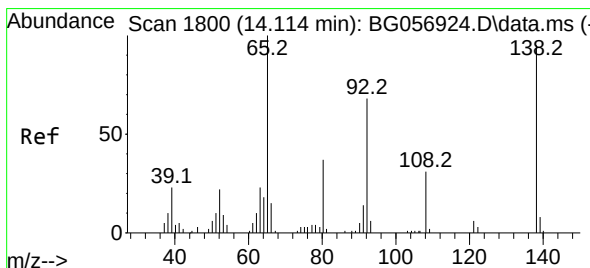
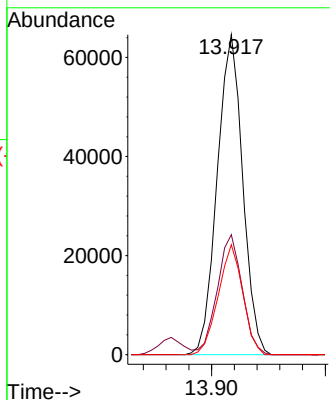
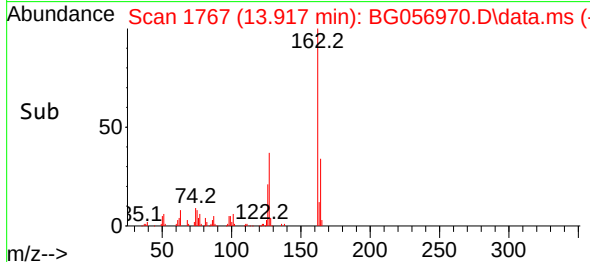
Instrument : BNA_G
ClientSampleId : PB151693BSD



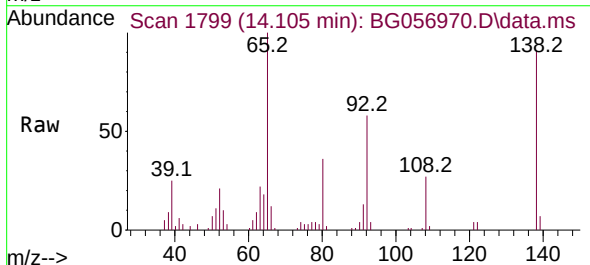
Tgt Ion:162 Resp: 100505
Ion Ratio Lower Upper
162 100
127 37.5 29.5 44.3
164 34.3 25.5 38.3

Manual Integrations
APPROVED

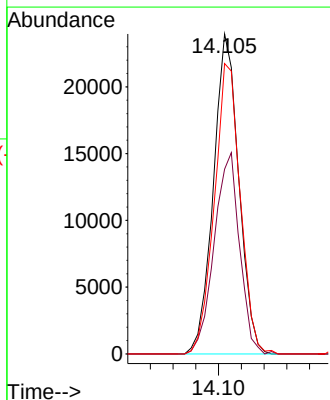
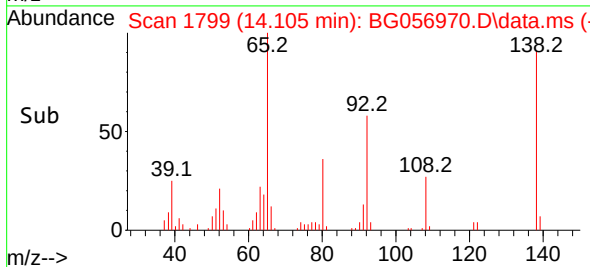
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

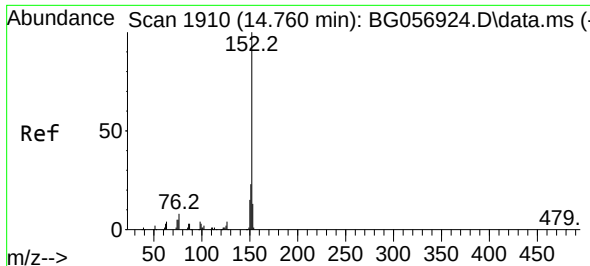


#48
2-Nitroaniline
Concen: 45.882 ng
RT: 14.105 min Scan# 1799
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10



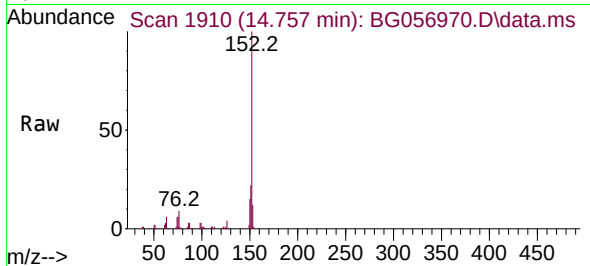
Tgt Ion: 65 Resp: 37117
Ion Ratio Lower Upper
65 100
92 57.7 54.3 81.5
138 90.7 76.0 114.0





#49
Acenaphthylene
Concen: 42.950 ng
RT: 14.757 min Scan# 1910
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

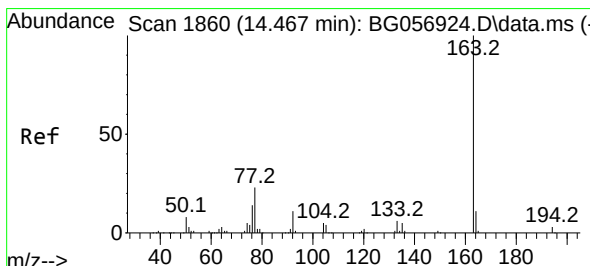
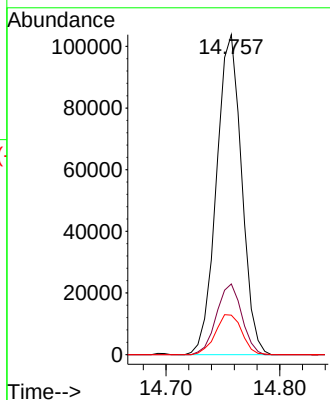
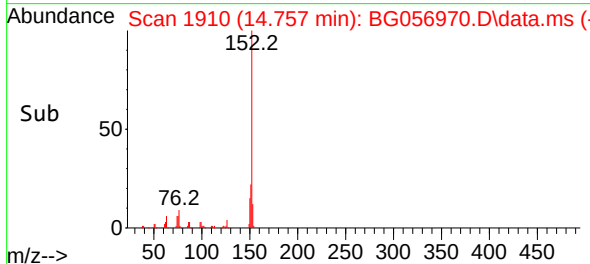
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



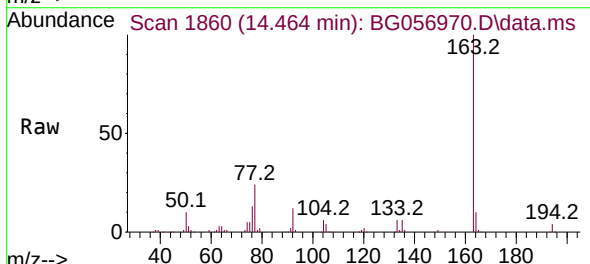
Tgt Ion:152 Resp: 159651
Ion Ratio Lower Upper
152 100
151 22.1 18.2 27.2
153 12.3 10.5 15.7

Manual Integrations
APPROVED

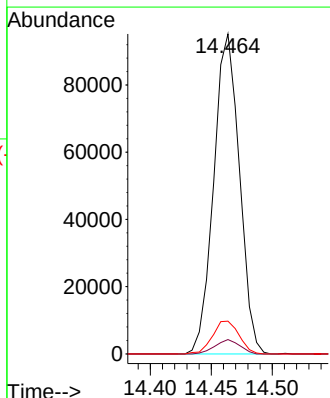
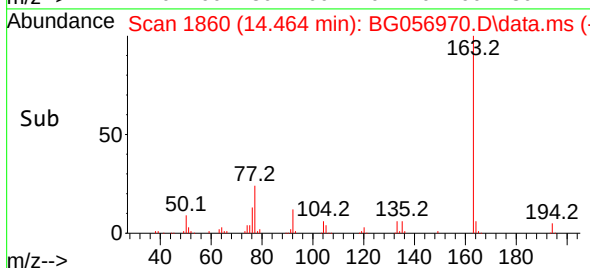
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

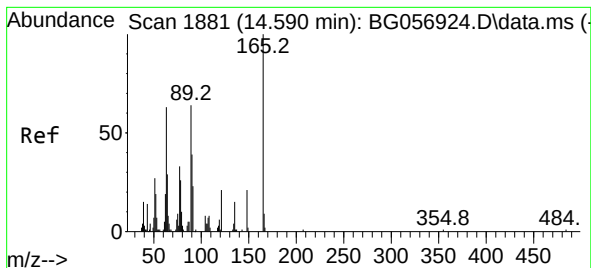


#50
Dimethylphthalate
Concen: 42.406 ng
RT: 14.464 min Scan# 1860
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10



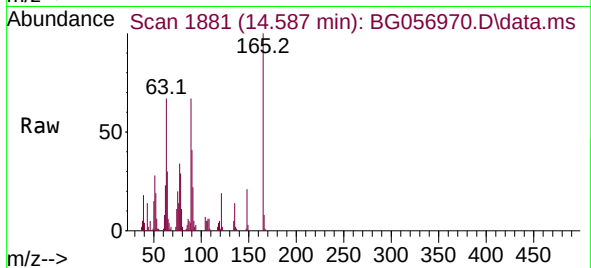
Tgt Ion:163 Resp: 139624
Ion Ratio Lower Upper
163 100
194 4.5 2.8 4.2#
164 10.2 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 43.469 ng
RT: 14.587 min Scan# 1881
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

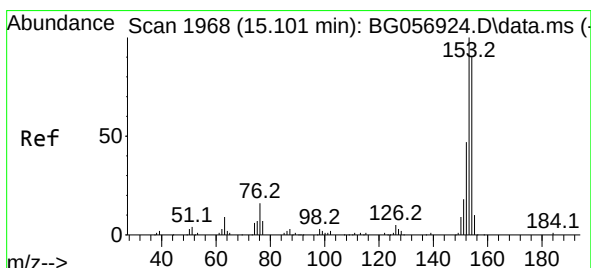
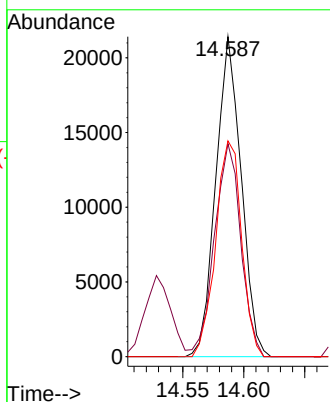
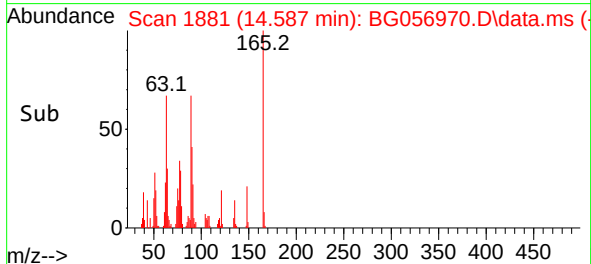
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



Tgt Ion:165 Resp: 30923
Ion Ratio Lower Upper
165 100
63 66.5 53.0 79.6
89 67.4 51.0 76.4

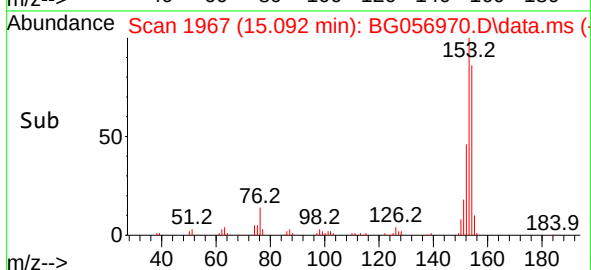
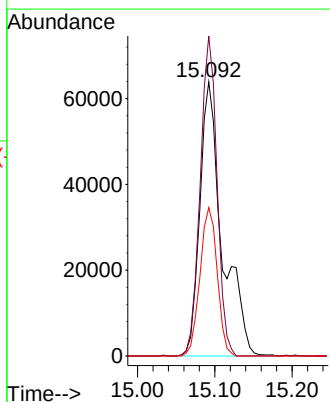
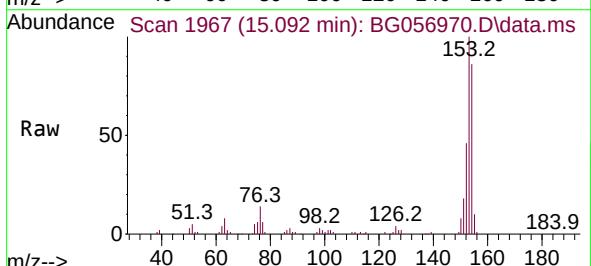
Manual Integrations
APPROVED

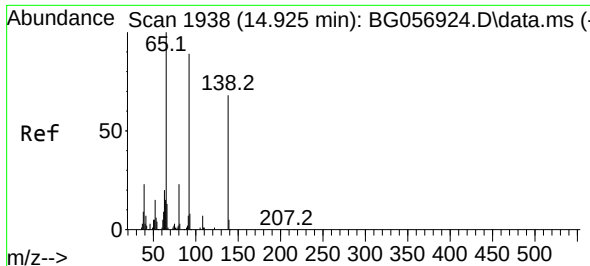
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#52
Acenaphthene
Concen: 50.441 ng m
RT: 15.092 min Scan# 1967
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

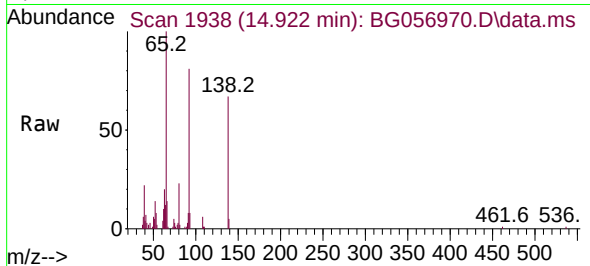
Tgt Ion:154 Resp: 129312
Ion Ratio Lower Upper
154 100
153 116.8 88.9 133.3
152 54.1 41.8 62.8





#53
3-Nitroaniline
Concen: 31.809 ng
RT: 14.922 min Scan# 1938
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

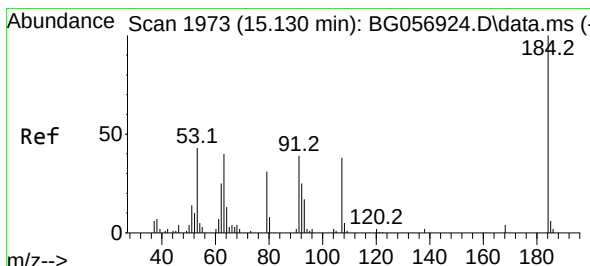
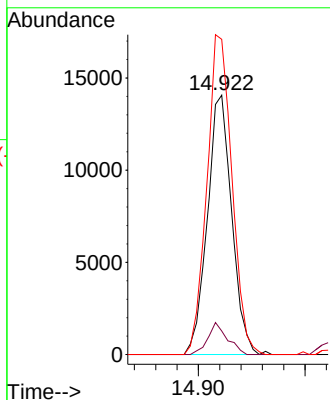
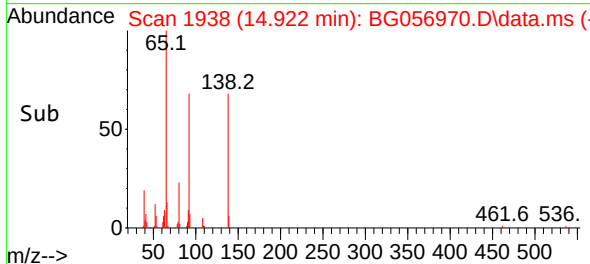
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



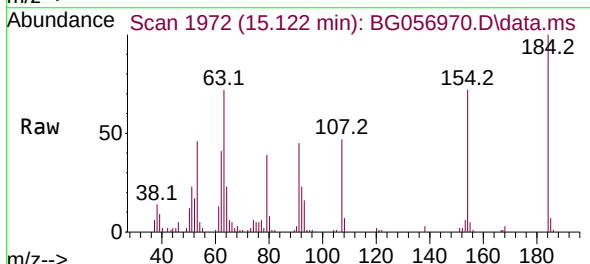
Tgt Ion:138 Resp: 22398
Ion Ratio Lower Upper
138 100
108 9.1 8.2 12.2
92 121.5 105.2 157.8

Manual Integrations
APPROVED

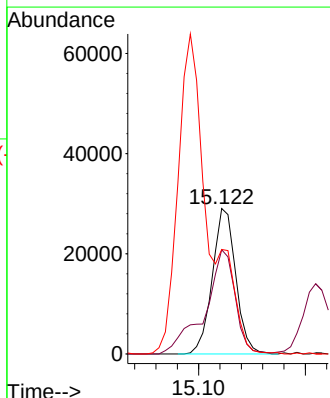
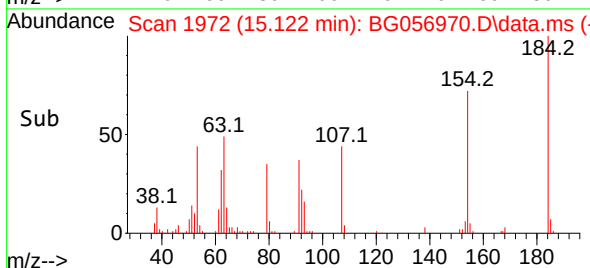
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

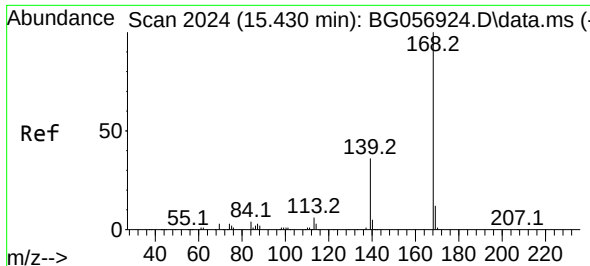


#54
2,4-Dinitrophenol
Concen: 110.539 ng
RT: 15.122 min Scan# 1972
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10



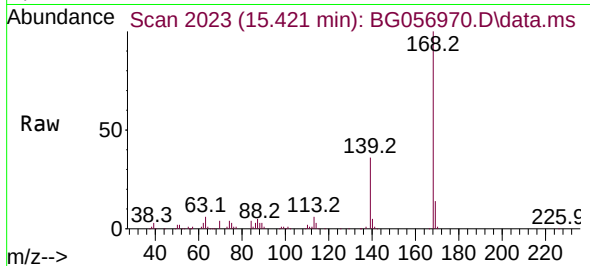
Tgt Ion:184 Resp: 44261
Ion Ratio Lower Upper
184 100
63 71.6 46.5 69.7#
154 71.8 53.5 80.3





#55
Dibenzofuran
Concen: 43.162 ng
RT: 15.421 min Scan# 2024
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

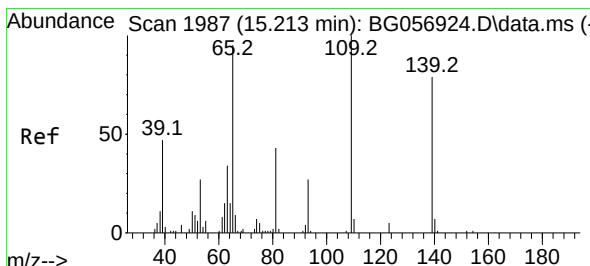
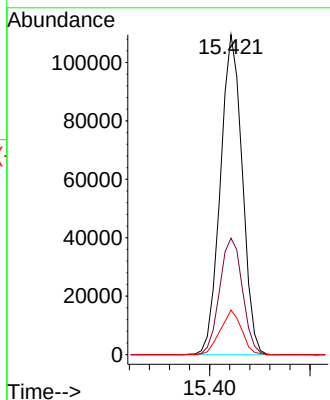
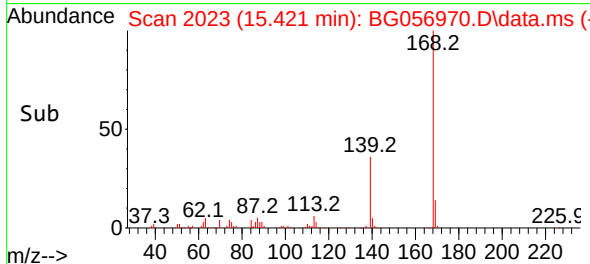
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



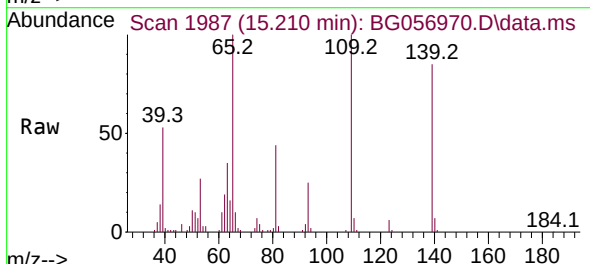
Tgt Ion:168 Resp: 166076
Ion Ratio Lower Upper
168 100
139 36.4 28.9 43.3
169 13.9 9.8 14.6

Manual Integrations
APPROVED

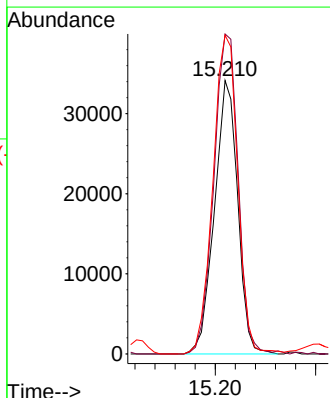
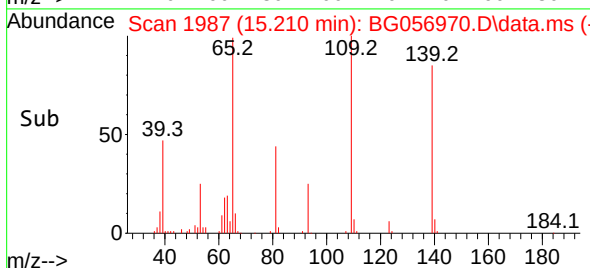
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

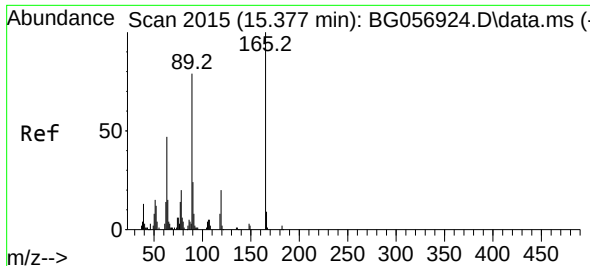


#56
4-Nitrophenol
Concen: 105.578 ng
RT: 15.210 min Scan# 1987
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10



Tgt Ion:139 Resp: 54973
Ion Ratio Lower Upper
139 100
109 117.1 106.7 146.7
65 116.6 100.5 140.5





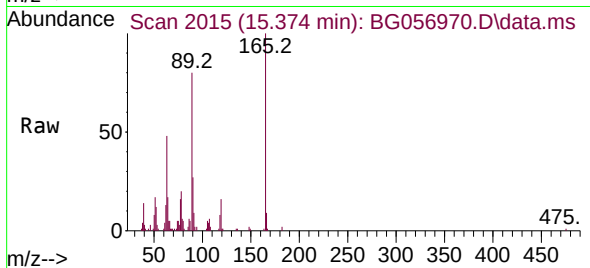
#57
2,4-Dinitrotoluene
Concen: 44.185 ng
RT: 15.374 min Scan# 2015
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB151693BSD

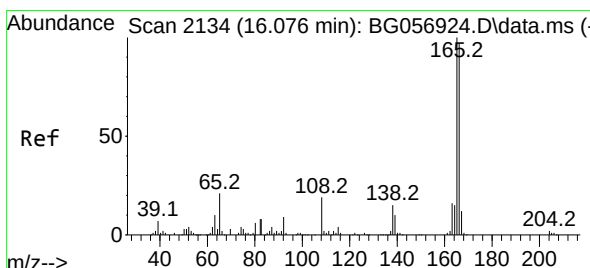
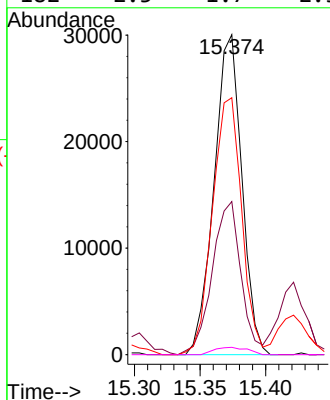
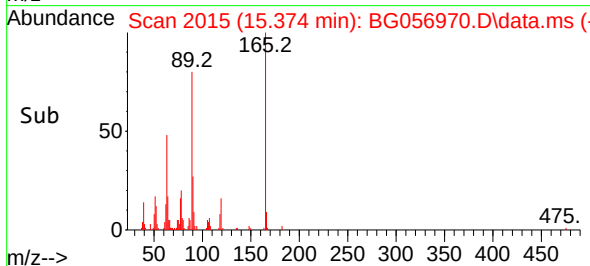


Tgt Ion:165 Resp: 44332
Ion Ratio Lower Upper
165 100
63 47.8 37.7 56.5
89 80.3 63.2 94.8
182 2.3 1.7 2.5

Manual Integrations

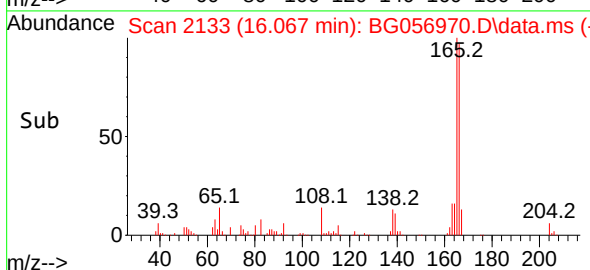
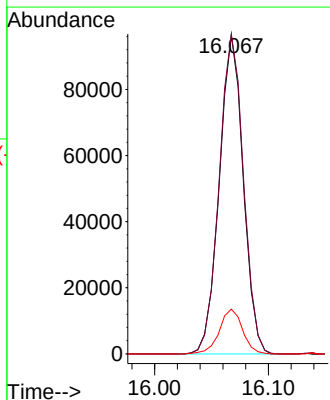
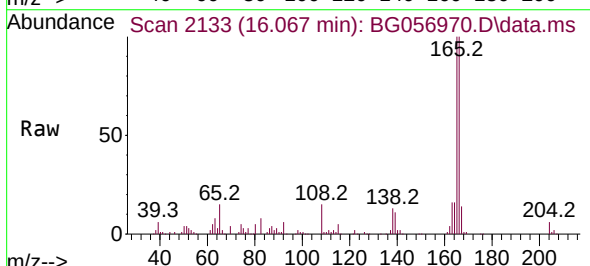
APPROVED

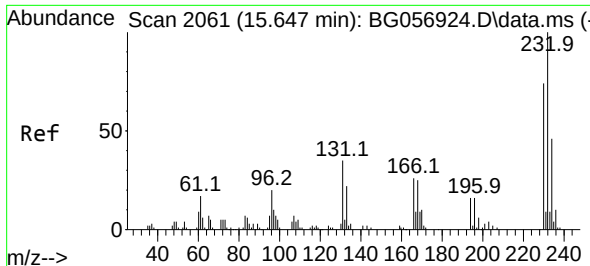
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#58
Fluorene
Concen: 44.112 ng
RT: 16.067 min Scan# 2133
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

Tgt Ion:166 Resp: 140447
Ion Ratio Lower Upper
166 100
165 100.4 82.6 123.8
167 14.0 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.610 ng
RT: 15.639 min Scan# 2060
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

Instrument :

BNA_G

ClientSampleId :

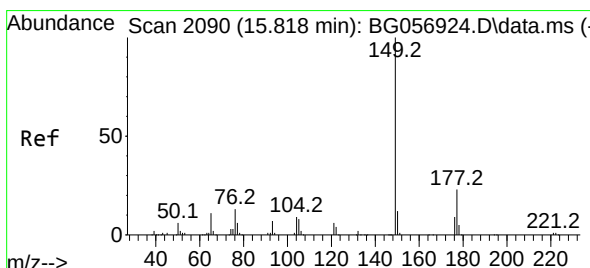
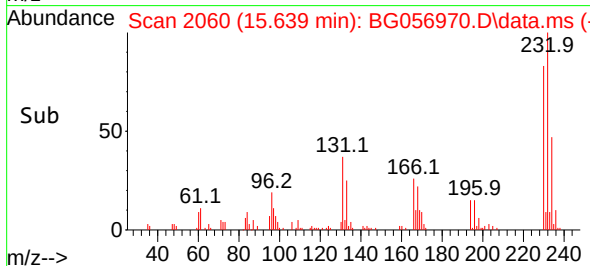
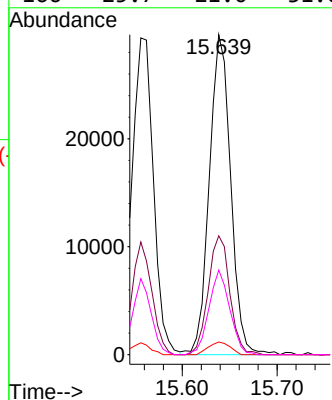
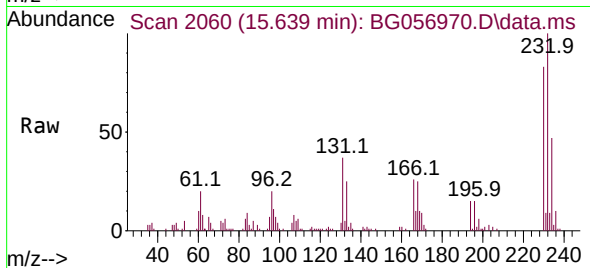
PB151693BSD

Tgt Ion:232 Resp: 46489
Ion Ratio Lower Upper
232 100
131 37.4 29.3 43.9
130 3.9 1.7 2.5
166 25.7 21.0 31.6

Manual Integrations

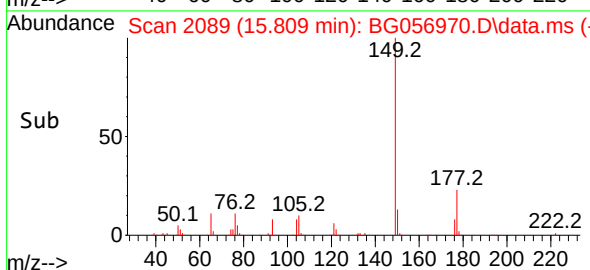
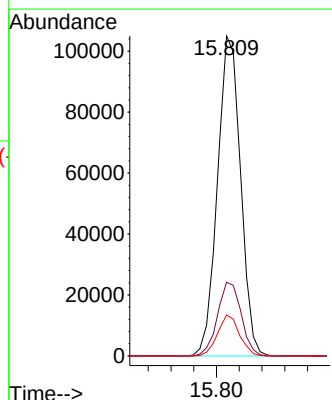
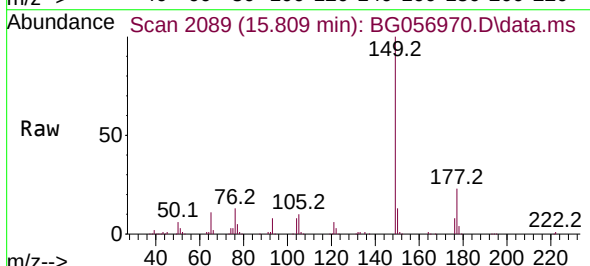
APPROVED

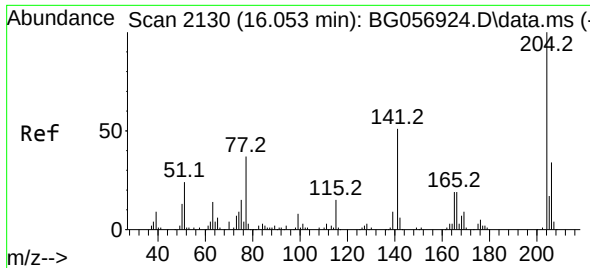
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#60
Diethylphthalate
Concen: 44.846 ng
RT: 15.809 min Scan# 2089
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

Tgt Ion:149 Resp: 148024
Ion Ratio Lower Upper
149 100
177 23.0 18.8 28.2
150 12.8 9.4 14.2





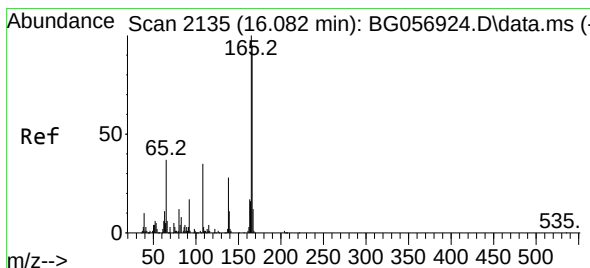
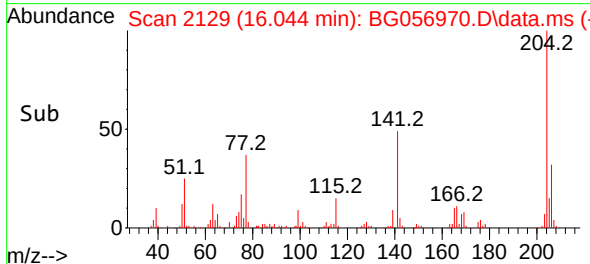
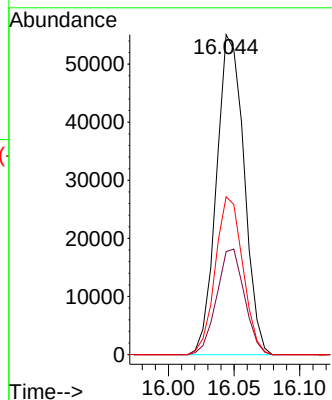
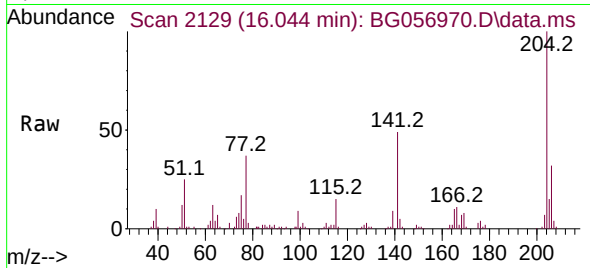
#61
4-Chlorophenyl-phenylether
Concen: 43.125 ng
RT: 16.044 min Scan# 2129
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

Instrument :
BNA_G
ClientSampleId :
PB151693BSD

Tgt Ion:204 Resp: 80616
Ion Ratio Lower Upper
204 100
206 32.2 27.2 40.8
141 49.3 40.7 61.1

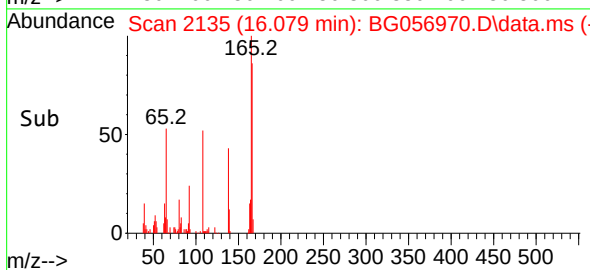
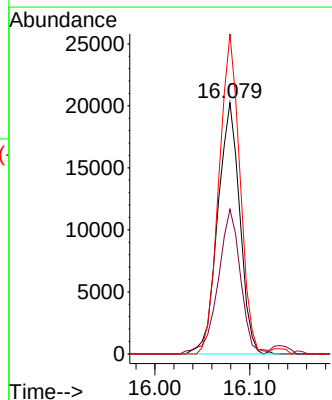
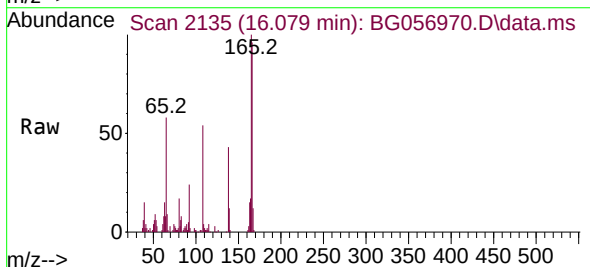
Manual Integrations
APPROVED

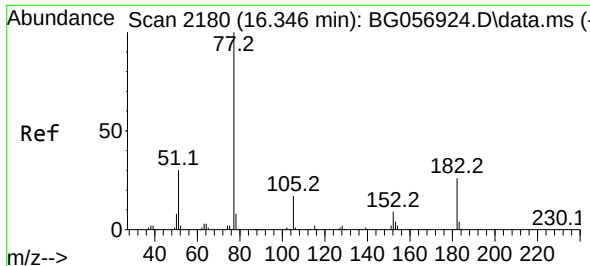
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#62
4-Nitroaniline
Concen: 44.581 ng
RT: 16.079 min Scan# 2135
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

Tgt Ion:138 Resp: 32524
Ion Ratio Lower Upper
138 100
92 57.6 40.9 80.9
108 127.4 104.3 144.3





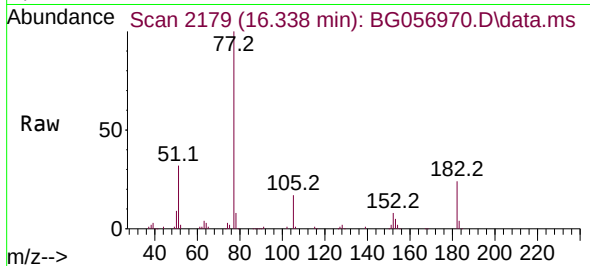
#63
Azobenzene
Concen: 43.681 ng
RT: 16.338 min Scan# 2180
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB151693BSD

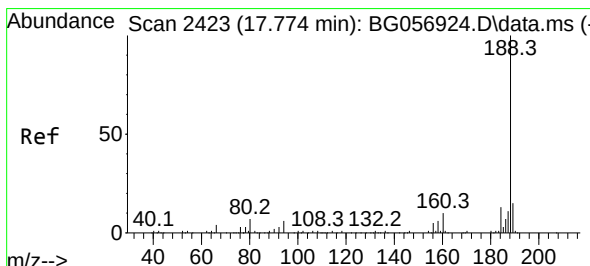
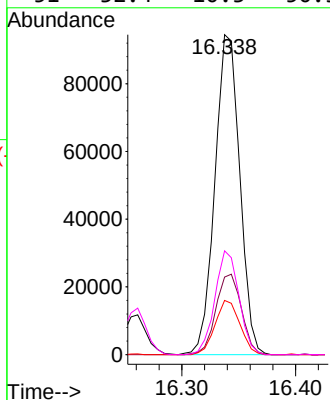
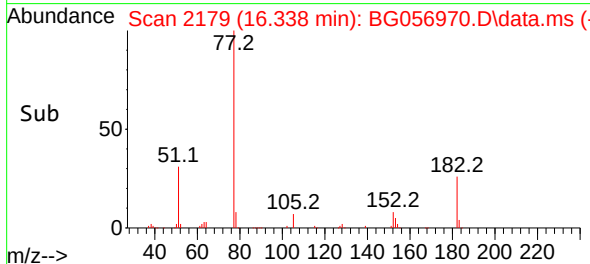


Tgt Ion: 77 Resp: 143686
Ion Ratio Lower Upper
77 100
182 24.2 5.9 45.9
105 16.9 0.0 36.8
51 32.4 10.3 50.3

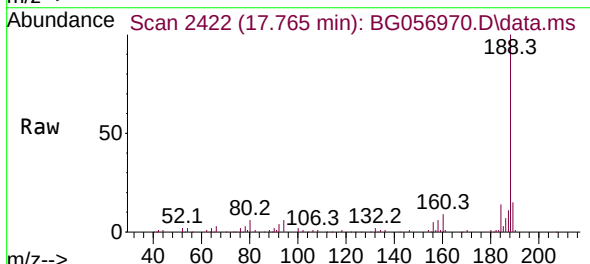
Manual Integrations

APPROVED

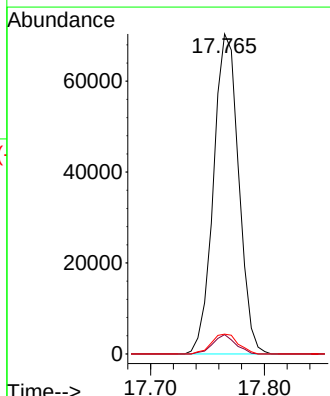
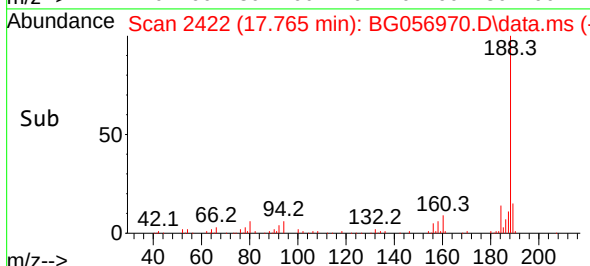
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

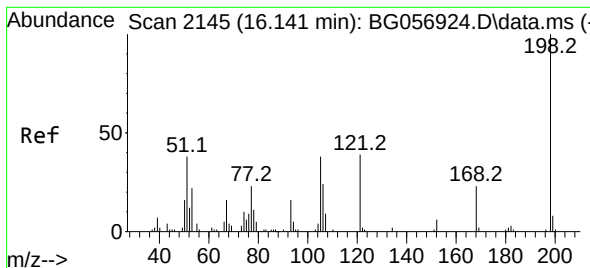


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.765 min Scan# 2422
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10



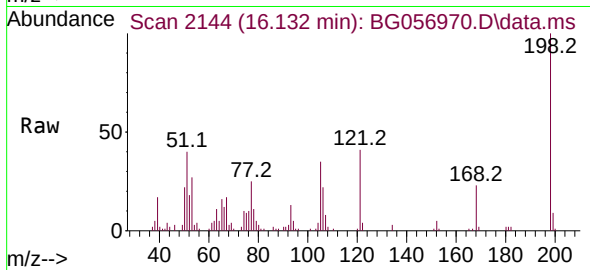
Tgt Ion:188 Resp: 108329
Ion Ratio Lower Upper
188 100
94 6.1 4.6 6.8
80 6.2 5.5 8.3





#65
4,6-Dinitro-2-methylphenol
Concen: 48.869 ng
RT: 16.132 min Scan# 2144
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

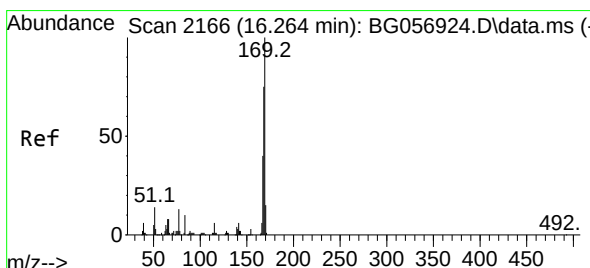
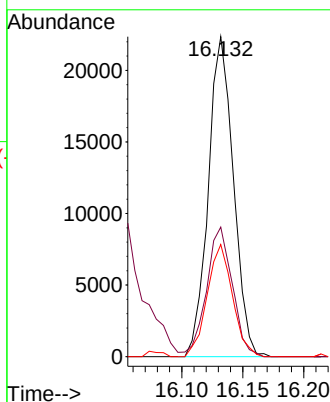
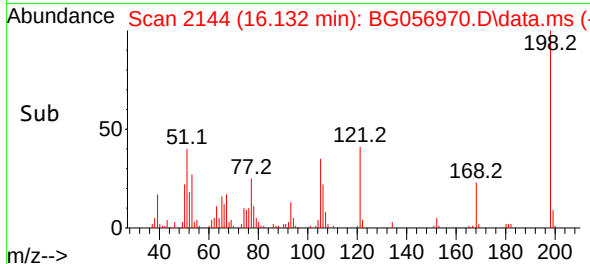
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



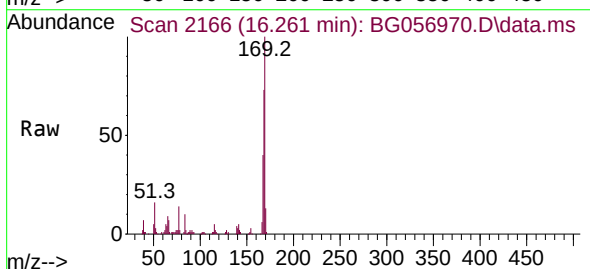
Tgt Ion:198 Resp: 32062
Ion Ratio Lower Upper
198 100
51 40.5 20.5 60.5
105 35.0 18.1 58.1

Manual Integrations
APPROVED

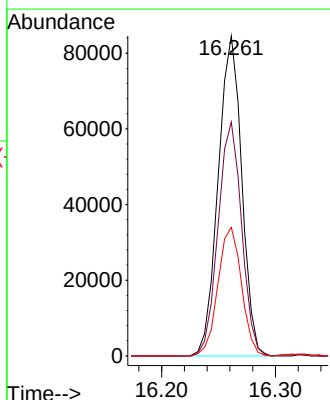
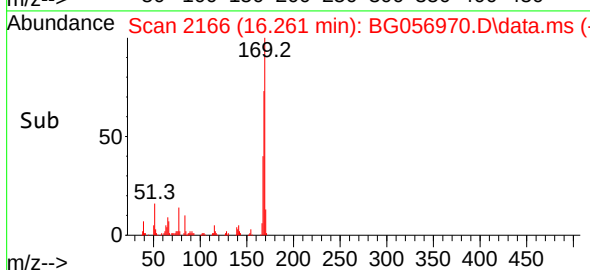
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

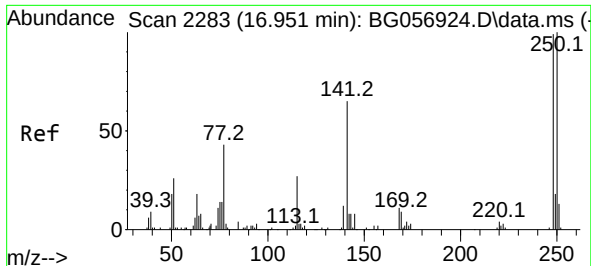


#66
n-Nitrosodiphenylamine
Concen: 41.814 ng
RT: 16.261 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10



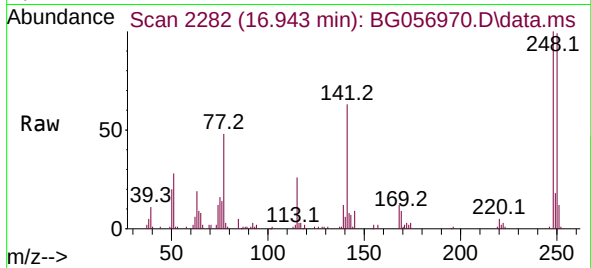
Tgt Ion:169 Resp: 121595
Ion Ratio Lower Upper
169 100
168 73.1 59.6 89.4
167 40.2 31.8 47.8





#67
4-Bromophenyl-phenylether
Concen: 41.624 ng
RT: 16.943 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

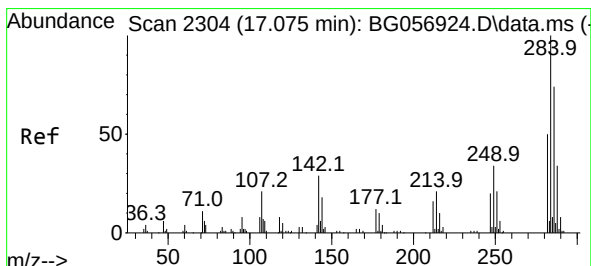
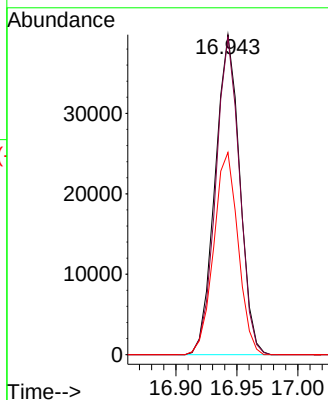
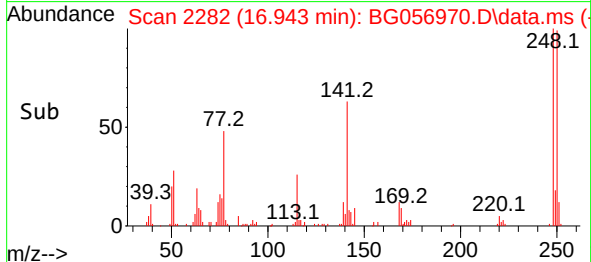
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



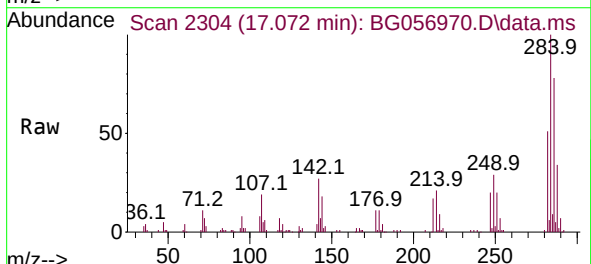
Tgt Ion:248 Resp: 55792
Ion Ratio Lower Upper
248 100
250 99.2 80.5 120.7
141 63.2 52.0 78.0

Manual Integrations
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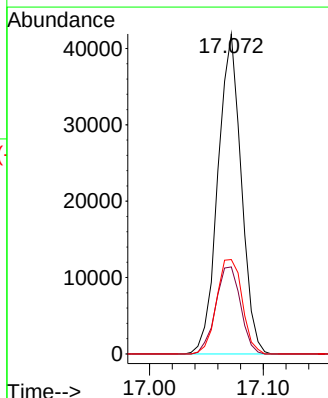
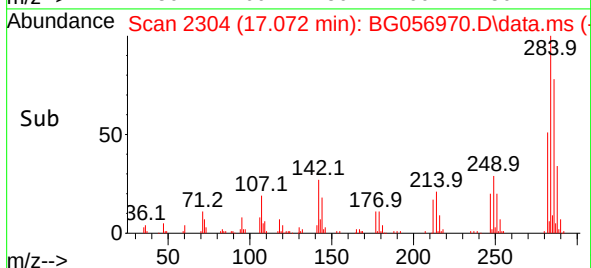
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

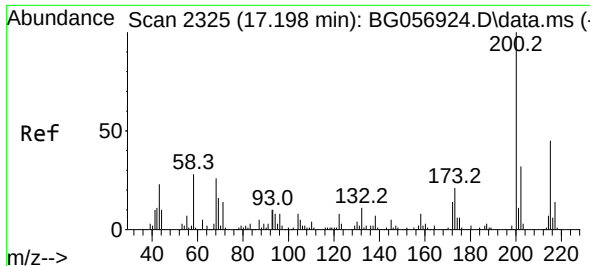


#68
Hexachlorobenzene
Concen: 44.938 ng
RT: 17.072 min Scan# 2304
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10



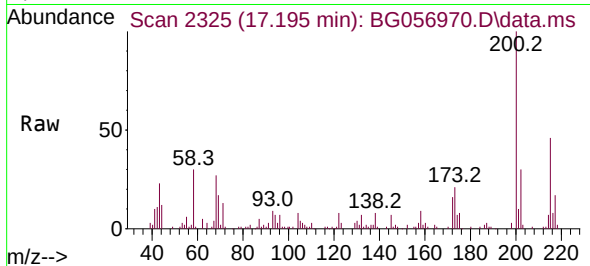
Tgt Ion:284 Resp: 59550
Ion Ratio Lower Upper
284 100
142 27.2 23.0 34.4
249 29.5 27.1 40.7





#69
Atrazine
Concen: 48.005 ng
RT: 17.195 min Scan# 2325
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

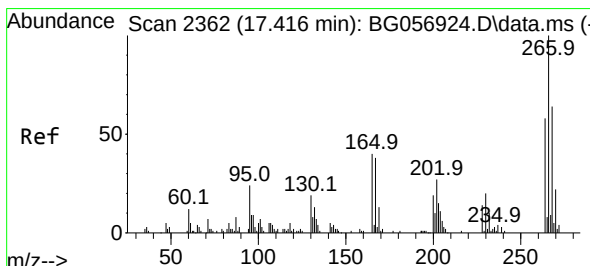
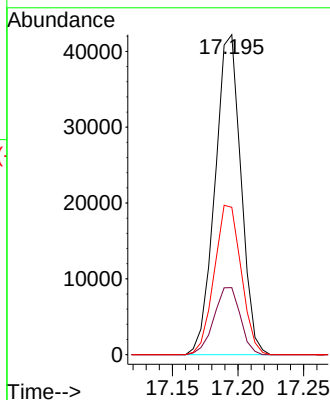
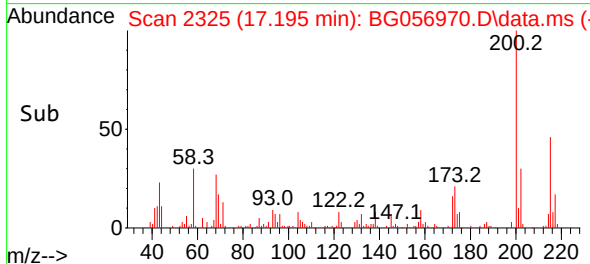
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



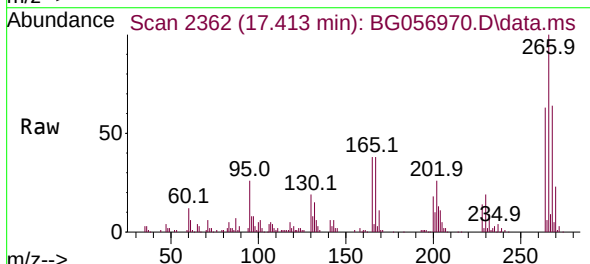
Tgt Ion:200 Resp: 57948
Ion Ratio Lower Upper
200 100
173 20.9 1.0 41.0
215 46.0 25.0 65.0

Manual Integrations
APPROVED

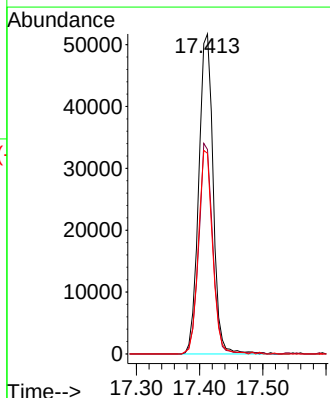
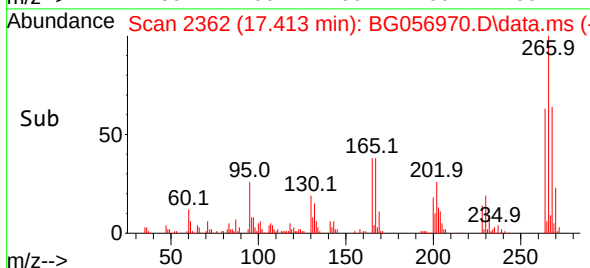
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

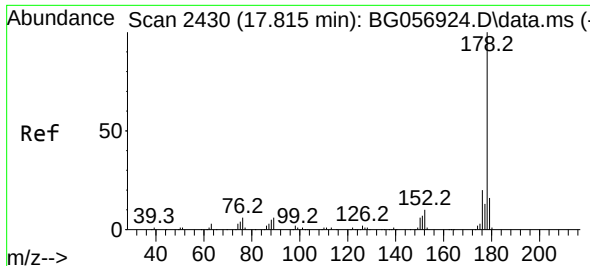


#70
Pentachlorophenol
Concen: 85.633 ng
RT: 17.413 min Scan# 2362
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10



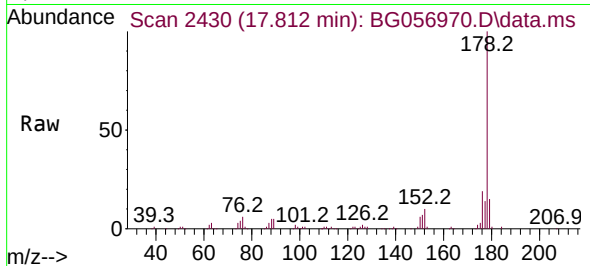
Tgt Ion:266 Resp: 81411
Ion Ratio Lower Upper
266 100
268 63.9 51.0 76.6
264 62.7 46.8 70.2





#71
Phenanthrene
Concen: 43.743 ng
RT: 17.812 min Scan# 2430
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

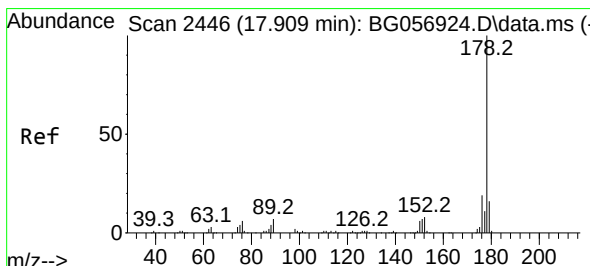
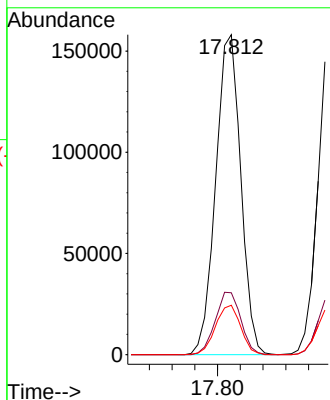
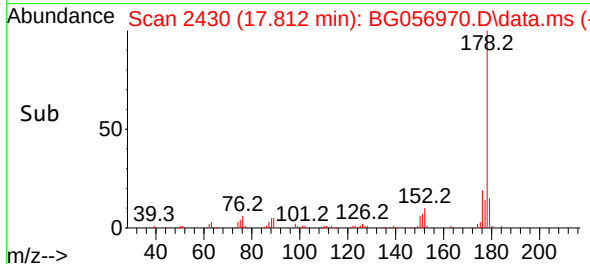
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



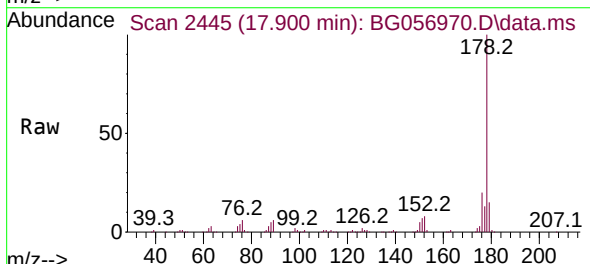
Tgt Ion:178 Resp: 241600
Ion Ratio Lower Upper
178 100
176 19.3 16.2 24.2
179 15.4 12.5 18.7

Manual Integrations
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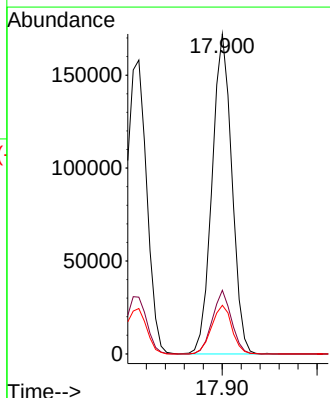
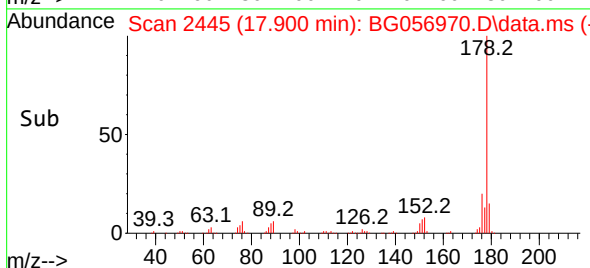
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

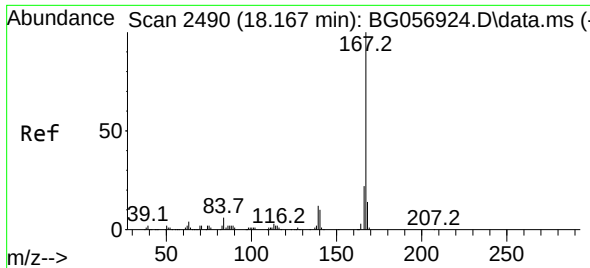


#72
Anthracene
Concen: 44.114 ng
RT: 17.900 min Scan# 2445
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10



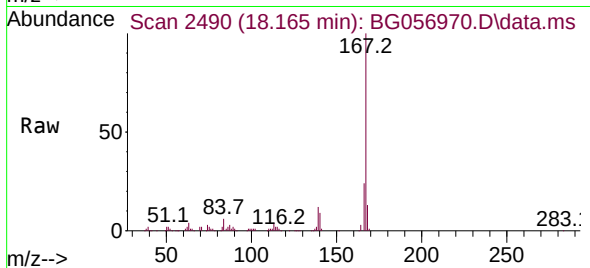
Tgt Ion:178 Resp: 249771
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.2
179 15.2 12.4 18.6





#73
 Carbazole
 Concen: 46.176 ng
 RT: 18.165 min Scan# 2490
 Delta R.T. -0.003 min
 Lab File: BG056970.D
 Acq: 4 Apr 2023 18:10

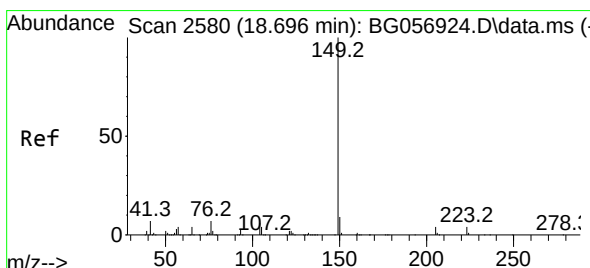
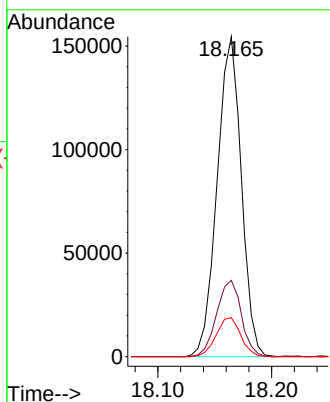
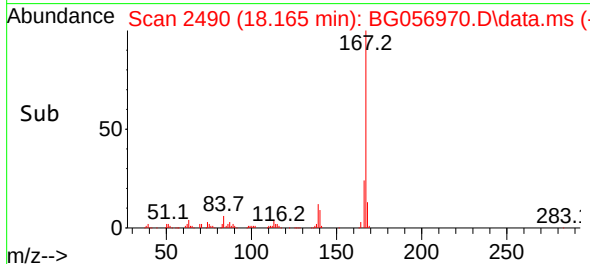
Instrument :
 BNA_G
 ClientSampleId :
 PB151693BSD



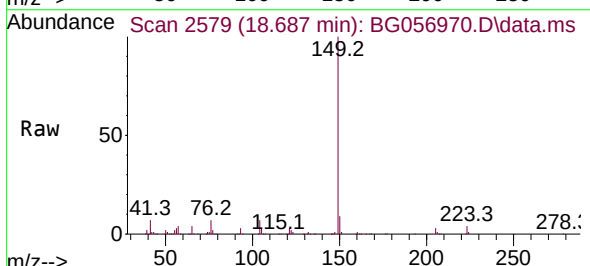
Tgt Ion:167 Resp: 227947
 Ion Ratio Lower Upper
 167 100
 166 23.8 17.9 26.9
 139 12.2 9.5 14.3

Manual Integrations
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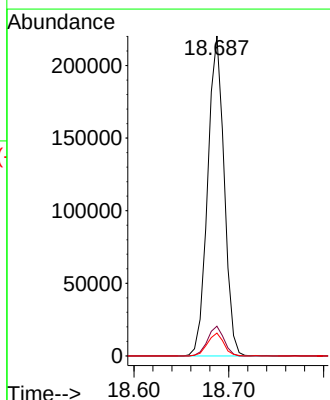
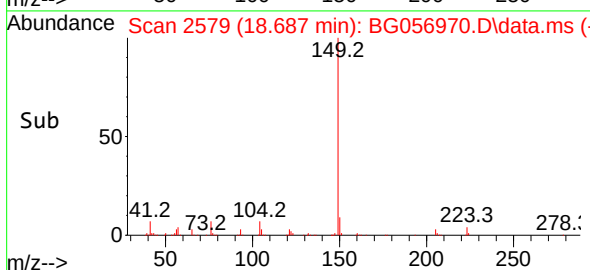
Reviewed By :Christian Giraldo 04/05/2023
 Supervised By :Jagrut Upadhyay 04/05/2023

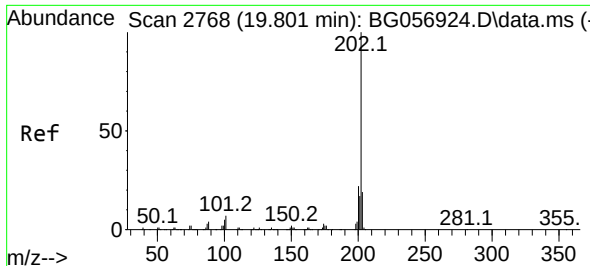


#74
 Di-n-butylphthalate
 Concen: 46.544 ng
 RT: 18.687 min Scan# 2579
 Delta R.T. -0.009 min
 Lab File: BG056970.D
 Acq: 4 Apr 2023 18:10



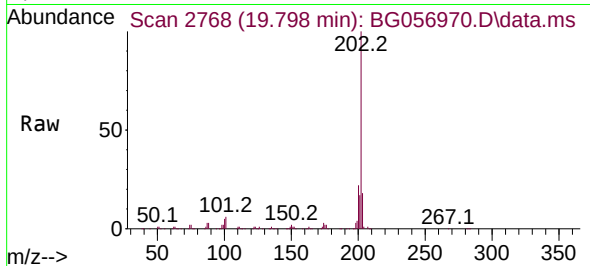
Tgt Ion:149 Resp: 266061
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 7.1 4.9 7.3





#75
Fluoranthene
Concen: 45.328 ng
RT: 19.798 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

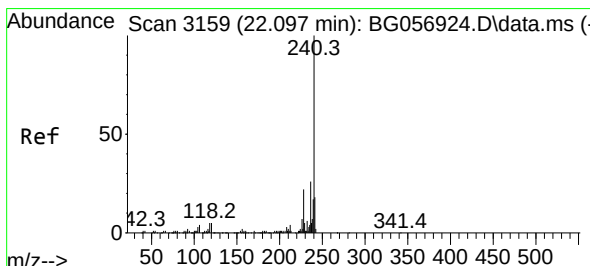
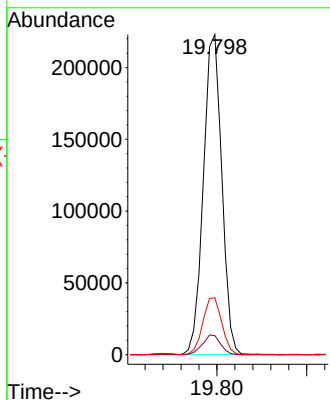
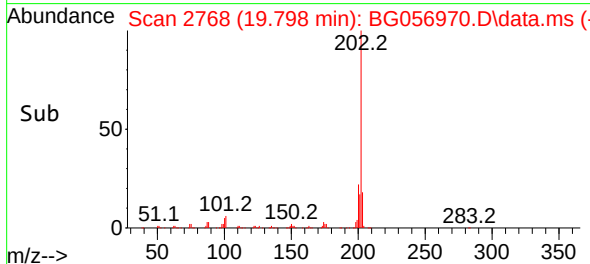
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



Tgt Ion:202 Resp: 317362
Ion Ratio Lower Upper
202 100
101 5.9 0.0 26.7
203 17.8 0.0 39.0

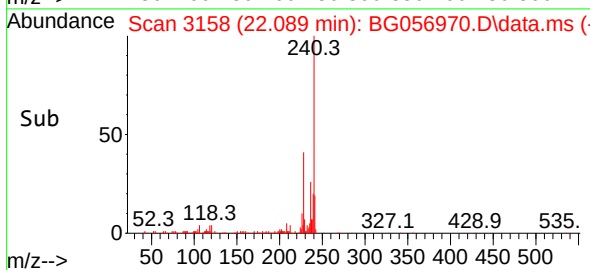
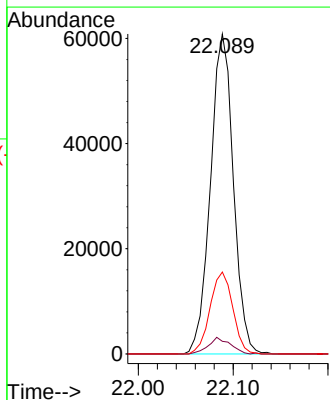
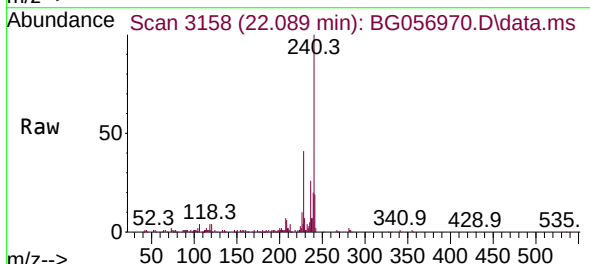
Manual Integrations
APPROVED

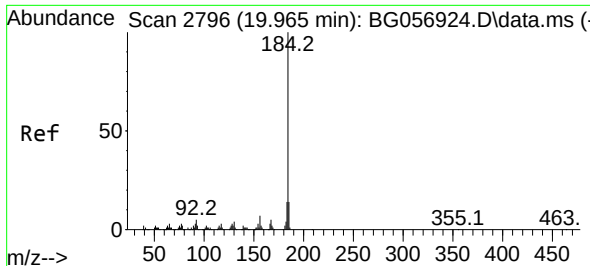
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.089 min Scan# 3158
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

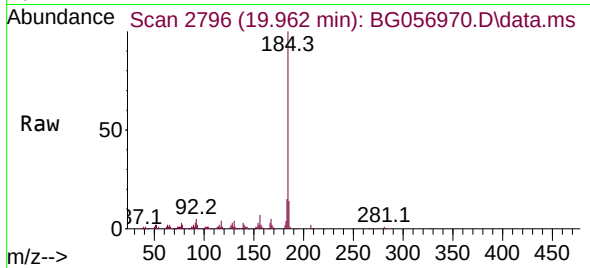
Tgt Ion:240 Resp: 102084
Ion Ratio Lower Upper
240 100
120 3.9 3.8 5.6
236 25.6 21.0 31.6





#77
Benzidine
Concen: 59.811 ng
RT: 19.962 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

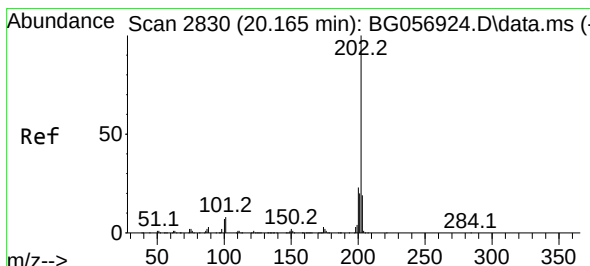
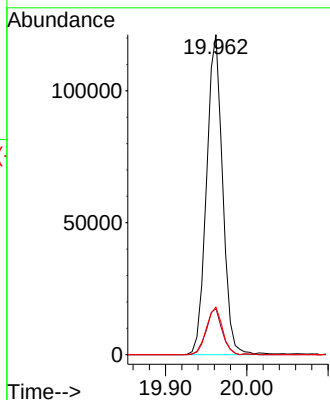
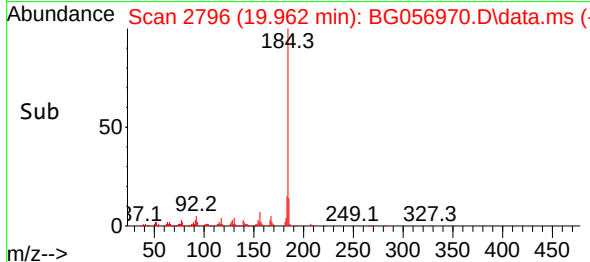
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



Tgt Ion:184 Resp: 166890
Ion Ratio Lower Upper
184 100
185 14.4 11.0 16.4
183 14.8 11.4 17.0

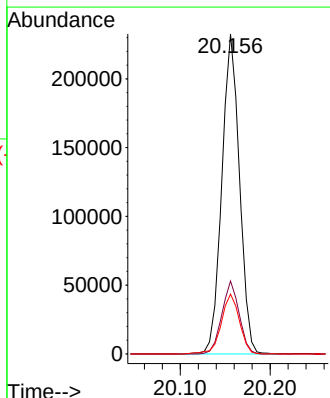
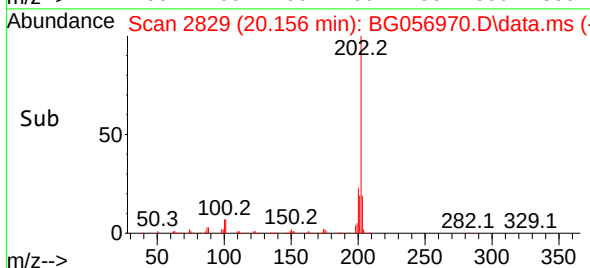
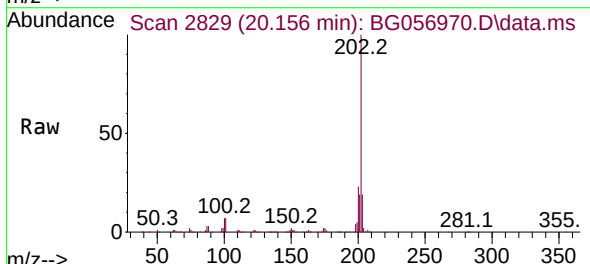
Manual Integrations
APPROVED

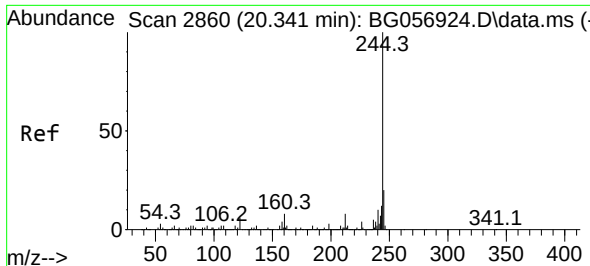
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#78
Pyrene
Concen: 45.041 ng
RT: 20.156 min Scan# 2829
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

Tgt Ion:202 Resp: 318020
Ion Ratio Lower Upper
202 100
200 22.8 18.7 28.1
203 18.7 15.4 23.2





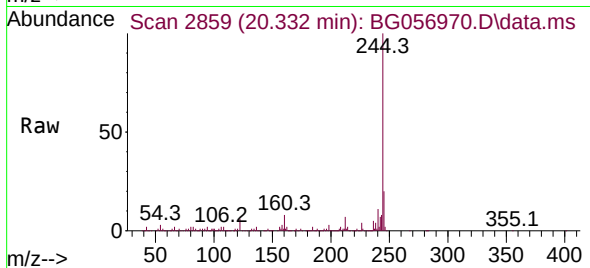
#79
 Terphenyl-d14
 Concen: 99.160 ng
 RT: 20.332 min Scan# 2860
 Delta R.T. -0.009 min
 Lab File: BG056970.D
 Acq: 4 Apr 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB151693BSD

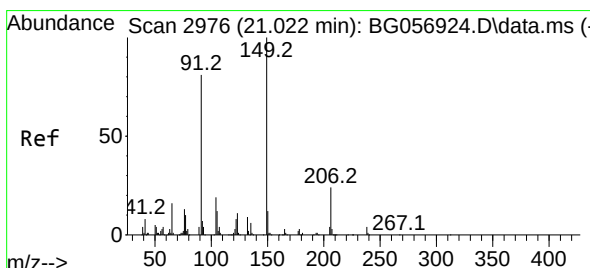
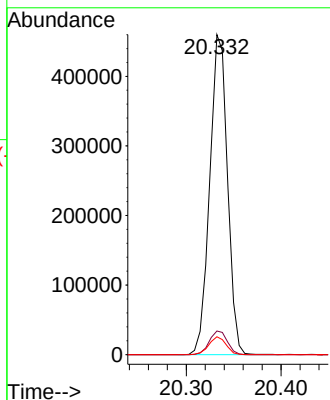
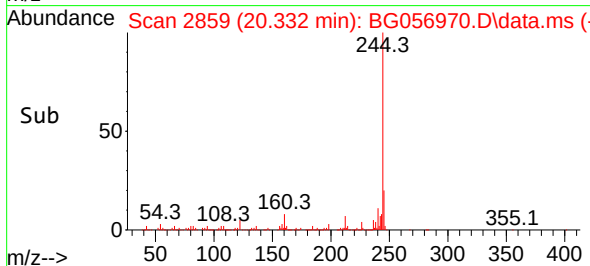


Tgt Ion:244 Resp: 598206
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 5.6 5.0 7.4

Manual Integrations

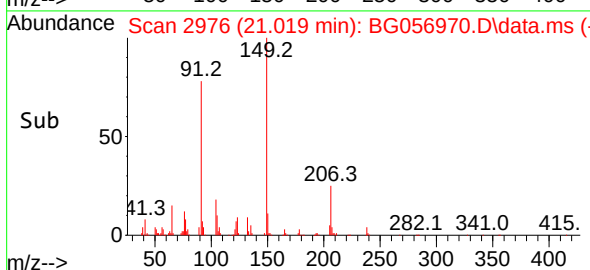
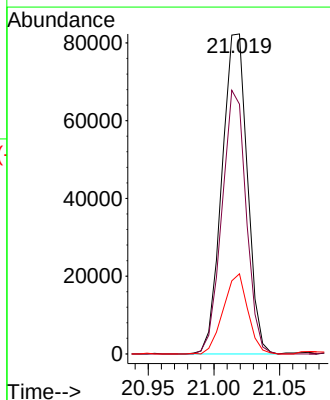
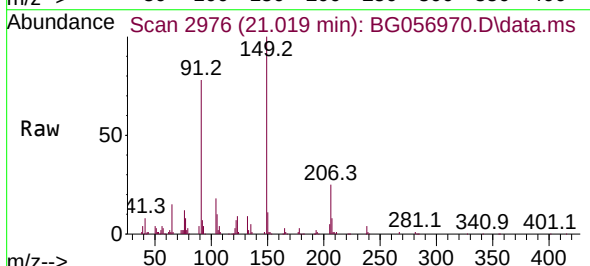
APPROVED

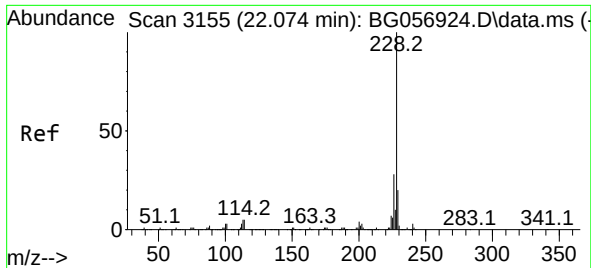
Reviewed By :Christian Giraldo 04/05/2023
 Supervised By :Jagrut Upadhyay 04/05/2023



#80
 Butylbenzylphthalate
 Concen: 45.709 ng
 RT: 21.019 min Scan# 2976
 Delta R.T. -0.003 min
 Lab File: BG056970.D
 Acq: 4 Apr 2023 18:10

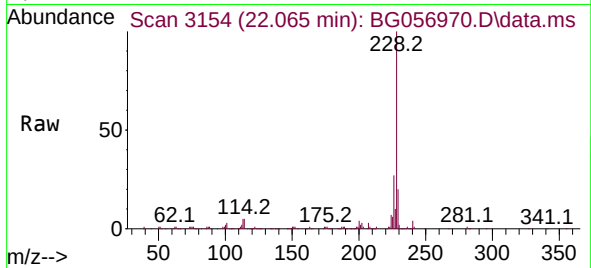
Tgt Ion:149 Resp: 111059
 Ion Ratio Lower Upper
 149 100
 91 78.0 64.4 96.6
 206 25.0 18.9 28.3





#81
Benzo(a)anthracene
Concen: 44.280 ng
RT: 22.065 min Scan# 3155
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

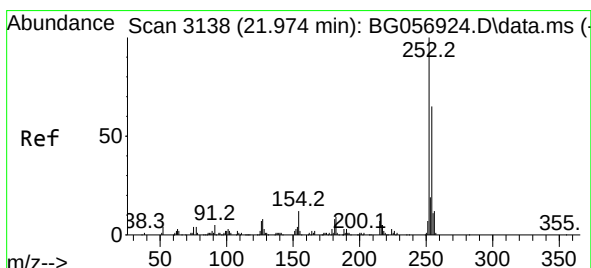
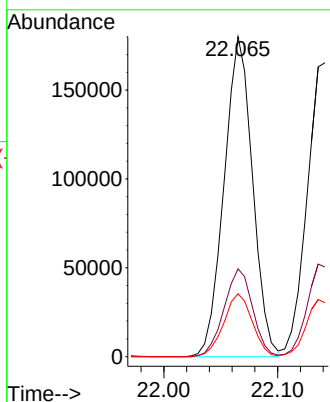
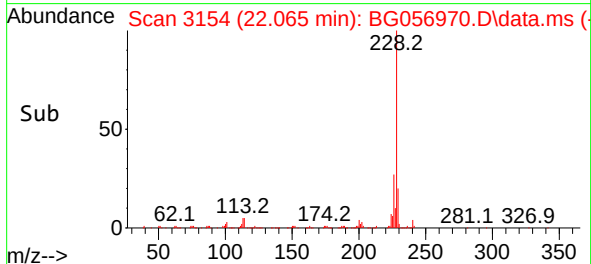
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



Tgt Ion:228 Resp: 312804
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.6 16.1 24.1

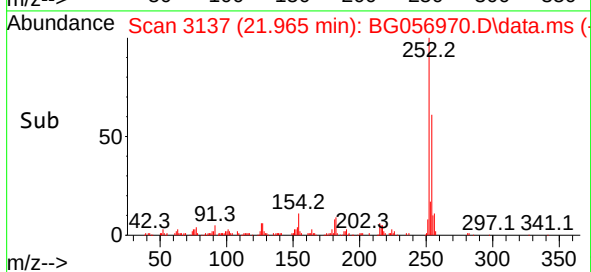
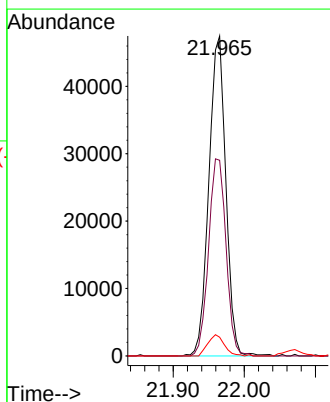
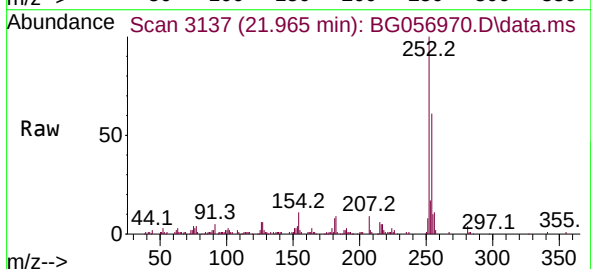
Manual Integrations
APPROVED

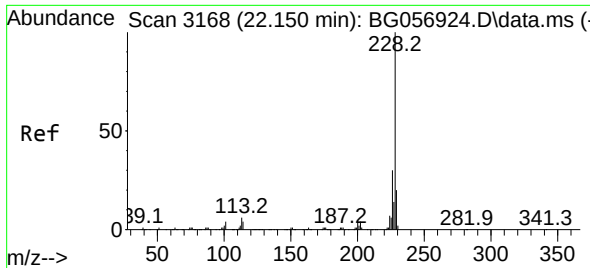
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#82
3,3'-Dichlorobenzidine
Concen: 32.932 ng
RT: 21.965 min Scan# 3137
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

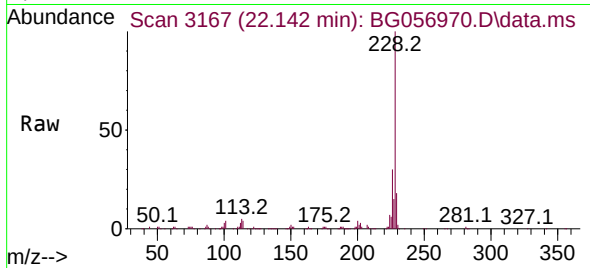
Tgt Ion:252 Resp: 78556
Ion Ratio Lower Upper
252 100
254 61.1 51.7 77.5
126 5.8 5.6 8.4





#83
Chrysene
Concen: 43.320 ng
RT: 22.142 min Scan# 3168
Delta R.T. -0.009 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

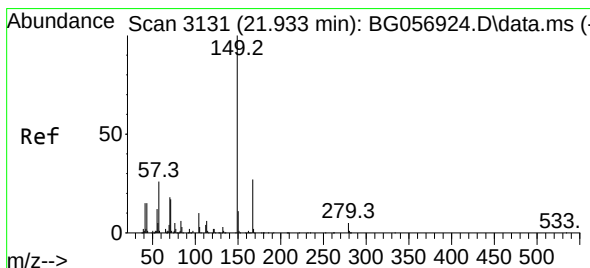
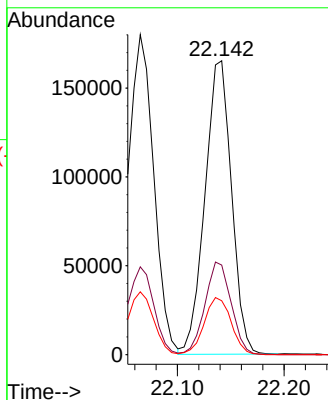
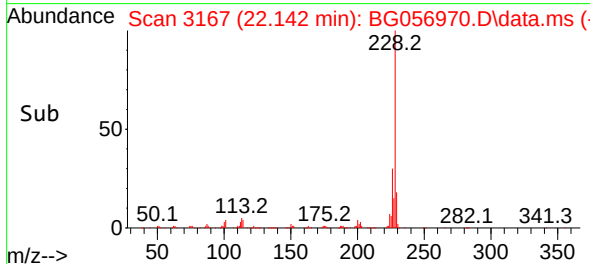
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



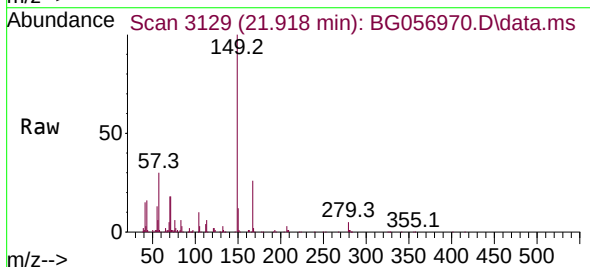
Tgt Ion:228 Resp: 286530
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 18.3 15.6 23.4

Manual Integrations
APPROVED

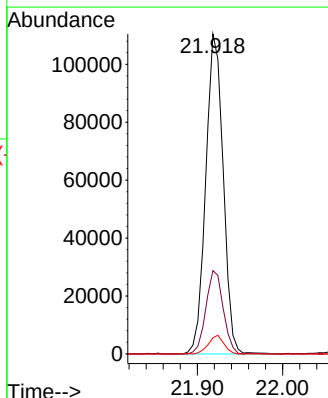
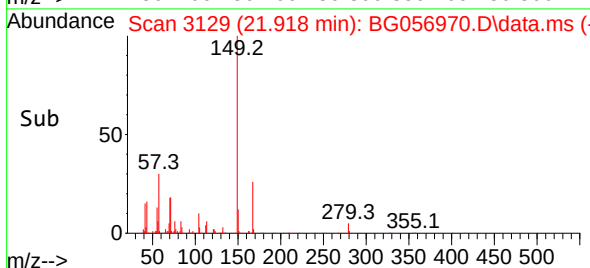
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

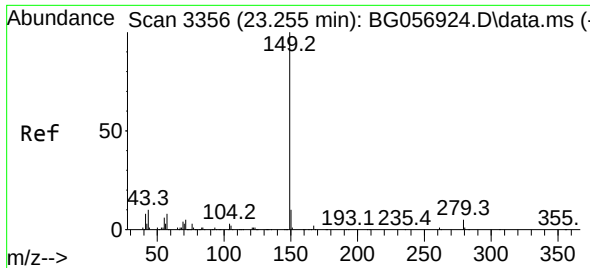


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.552 ng
RT: 21.918 min Scan# 3129
Delta R.T. -0.015 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10



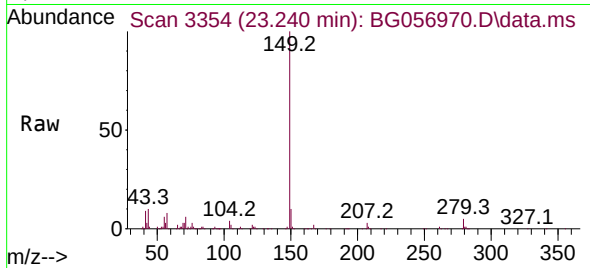
Tgt Ion:149 Resp: 156745
Ion Ratio Lower Upper
149 100
167 26.0 21.4 32.2
279 5.0 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 43.688 ng
RT: 23.240 min Scan# 3356
Delta R.T. -0.015 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

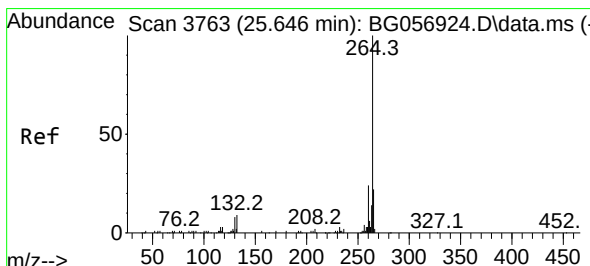
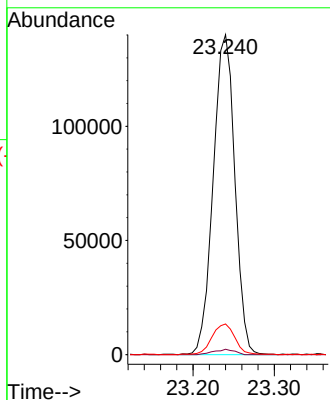
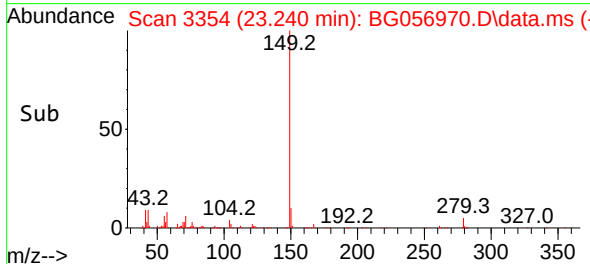
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



Tgt Ion:149 Resp: 259025
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.2 7.9 11.9

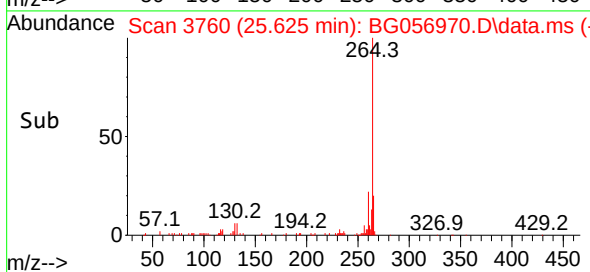
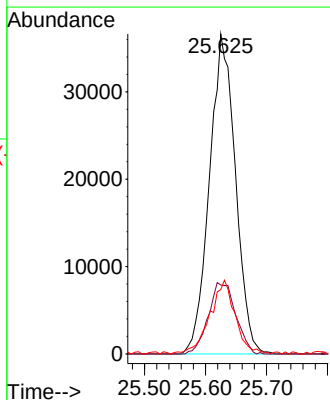
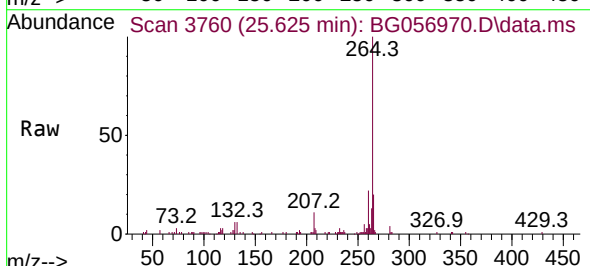
Manual Integrations
APPROVED

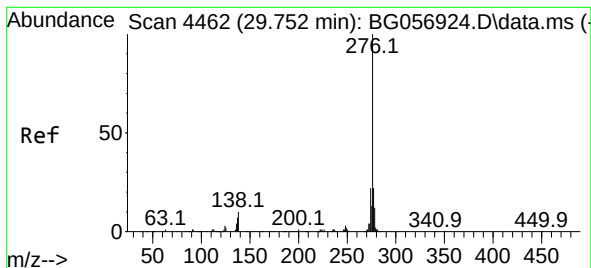
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.625 min Scan# 3760
Delta R.T. -0.021 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

Tgt Ion:264 Resp: 108432
Ion Ratio Lower Upper
264 100
260 21.5 19.0 28.4
265 20.1 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.015 ng

RT: 29.714 min Scan# 4462

Delta R.T. -0.038 min

Lab File: BG056970.D

Acq: 4 Apr 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB151693BSD

Tgt Ion:276 Resp: 35272

Ion Ratio Lower Upper

276 100

138 5.8 7.7 11.5

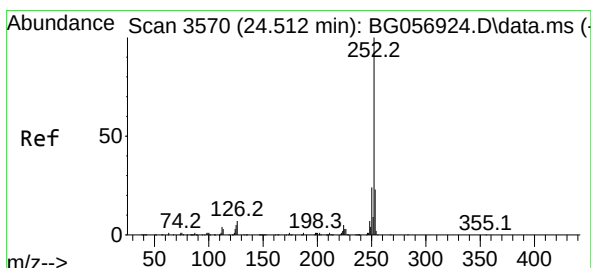
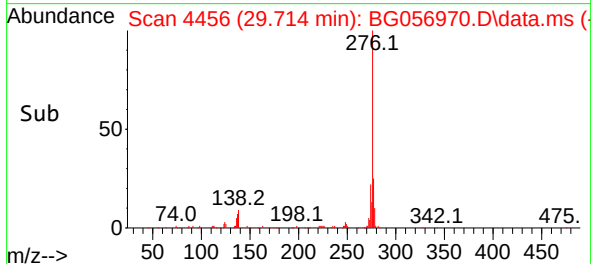
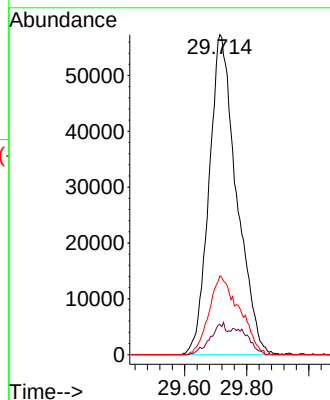
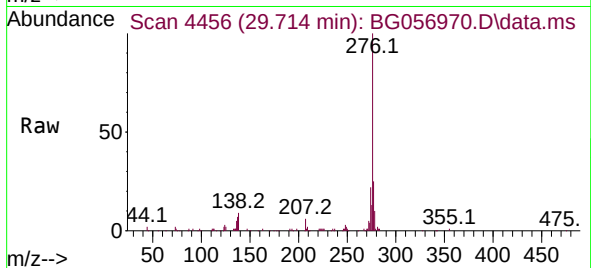
277 27.2 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#88

Benzo(b)fluoranthene

Concen: 48.178 ng

RT: 24.497 min Scan# 3568

Delta R.T. -0.015 min

Lab File: BG056970.D

Acq: 4 Apr 2023 18:10

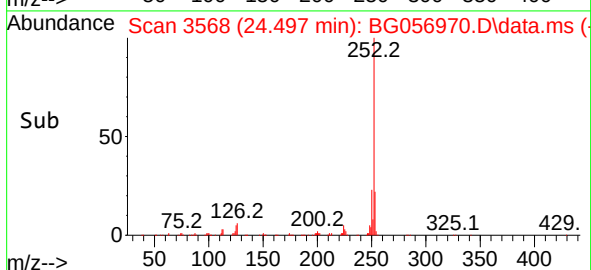
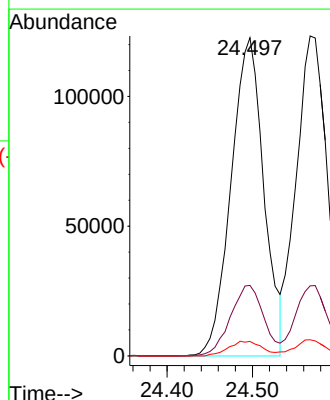
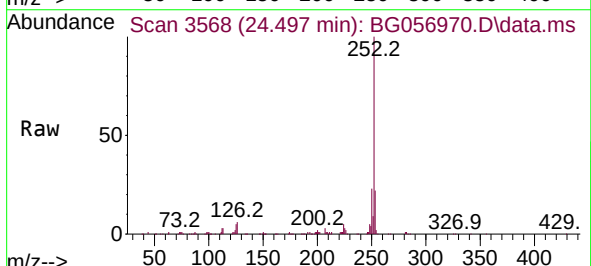
Tgt Ion:252 Resp: 326674

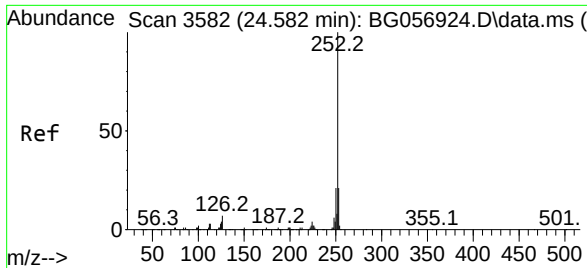
Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

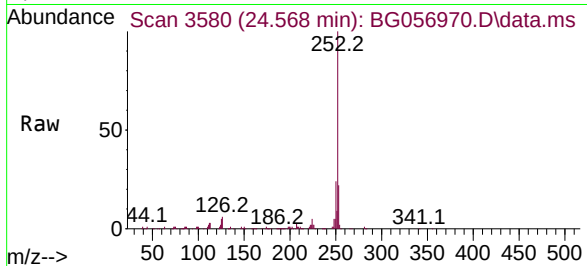
125 4.5 4.2 6.4





#89
Benzo(k)fluoranthene
Concen: 45.923 ng
RT: 24.568 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

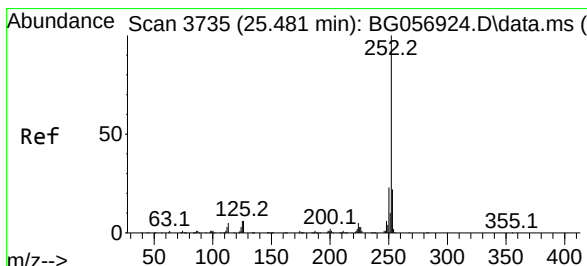
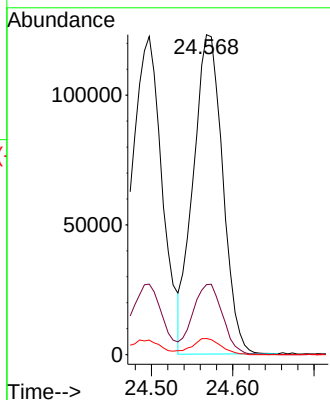
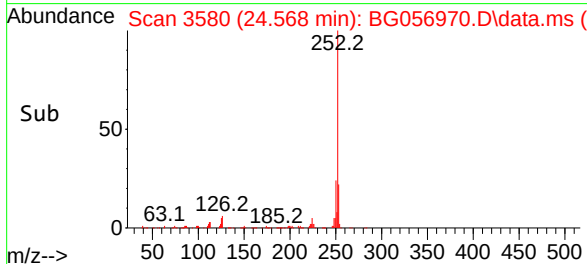
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



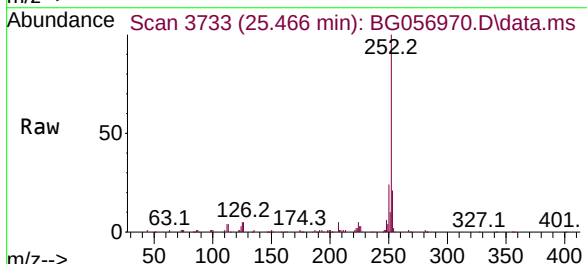
Tgt Ion:252 Resp: 31086
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 5.0 3.8 5.6

Manual Integrations
APPROVED

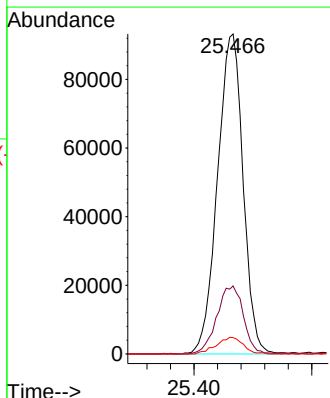
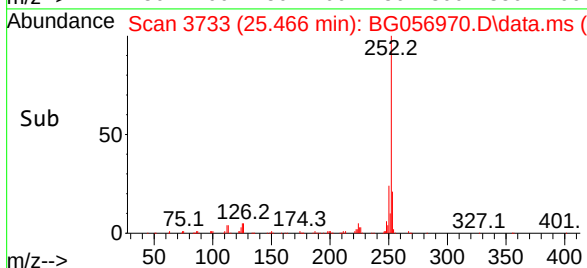
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

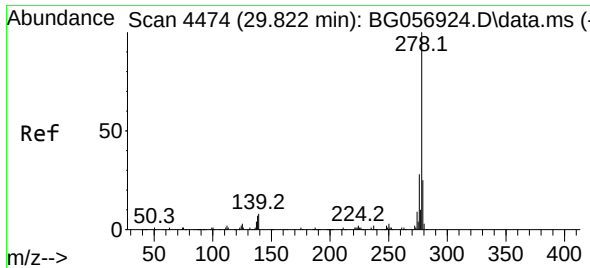


#90
Benzo(a)pyrene
Concen: 42.106 ng
RT: 25.466 min Scan# 3733
Delta R.T. -0.015 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10



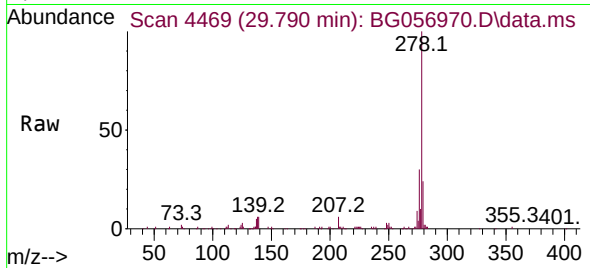
Tgt Ion:252 Resp: 280552
Ion Ratio Lower Upper
252 100
253 21.2 17.6 26.4
125 5.1 4.5 6.7





#91
Dibenzo(a,h)anthracene
Concen: 44.374 ng
RT: 29.790 min Scan# 4474
Delta R.T. -0.032 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10

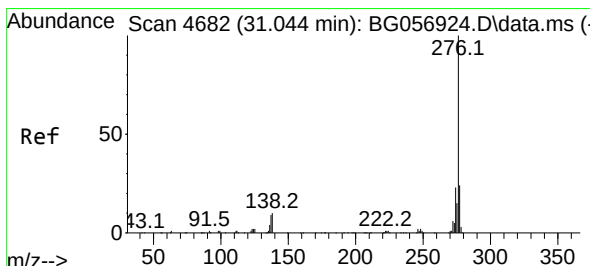
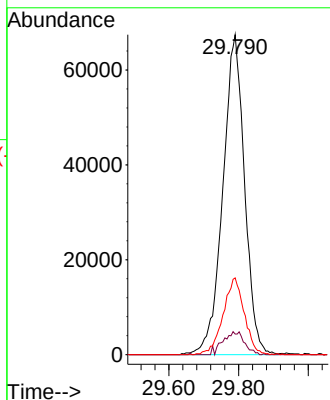
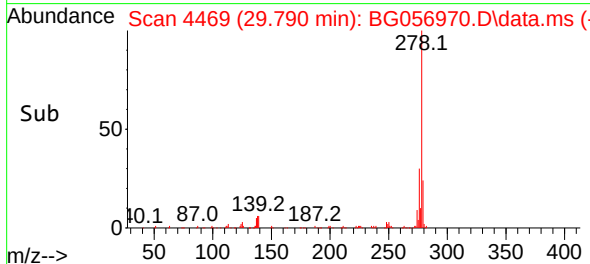
Instrument :
BNA_G
ClientSampleId :
PB151693BSD



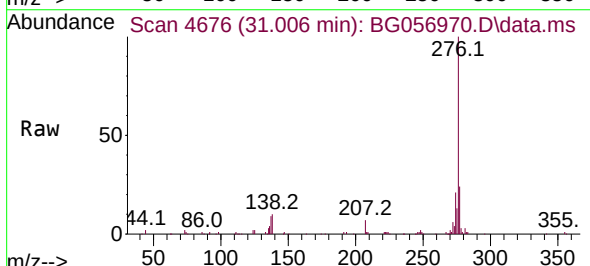
Tgt Ion:278 Resp: 292292
Ion Ratio Lower Upper
278 100
139 6.4 6.4 9.6
279 24.0 20.2 30.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#92
Benzo(g,h,i)perylene
Concen: 43.931 ng
RT: 31.006 min Scan# 4676
Delta R.T. -0.038 min
Lab File: BG056970.D
Acq: 4 Apr 2023 18:10



Tgt Ion:276 Resp: 283353
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 9.5 8.2 12.2

