

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG056994.D
 Acq On : 5 Apr 2023 17:17
 Operator : CG/JU
 Sample : 02109-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-30-SB02MS

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/06/2023
 Supervised By :Jagrut Upadhyay 04/06/2023

Quant Time: Apr 06 02:00:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 01:57:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	14746	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	60739	20.000	ng	# 0.00
39) Acenaphthene-d10	15.027	164	47045	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	113641	20.000	ng	0.00
76) Chrysene-d12	22.088	240	92850	20.000	ng	0.00
86) Perylene-d12	25.631	264	100380	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.922	112	108938	118.235	ng	0.00
7) Phenol-d6	7.543	99	160910	116.769	ng	0.00
23) Nitrobenzene-d5	9.588	82	100307	67.573	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	88506	117.763	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	241269	69.543	ng	0.00
79) Terphenyl-d14	20.332	244	394666	71.927	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.725	88	14921	36.943	ng	# 94
3) Pyridine	4.148	79	45576	35.034	ng	97
4) n-Nitrosodimethylamine	4.054	42	24550	41.046	ng	94
6) Aniline	7.720	93	54006	30.656	ng	98
8) 2-Chlorophenol	7.972	128	46325	50.478	ng	88
9) Benzaldehyde	7.532	77	34303	39.688	ng	99
10) Phenol	7.573	94	68472	50.147	ng	98
11) bis(2-Chloroethyl)ether	7.808	93	42774	43.978	ng	97
12) 1,3-Dichlorobenzene	8.295	146	49383	48.699	ng	92
13) 1,4-Dichlorobenzene	8.448	146	51254	50.080	ng	97
14) 1,2-Dichlorobenzene	8.771	146	49075	49.632	ng	95
15) Benzyl Alcohol	8.642	79	53968	47.133	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.930	45	51575m	43.999	ng	
17) 2-Methylphenol	8.842	107	46012	47.233	ng	91
18) Hexachloroethane	9.517	117	18703	49.998	ng	95
19) n-Nitroso-di-n-propyla...	9.218	70	42294	42.910	ng	98
20) 3+4-Methylphenols	9.171	107	64197	47.128	ng	96
22) Acetophenone	9.241	105	77081	42.648	ng	# 96
24) Nitrobenzene	9.635	77	64181	42.290	ng	97
25) Isophorone	10.158	82	116594	41.247	ng	98
26) 2-Nitrophenol	10.351	139	28075	47.926	ng	92
27) 2,4-Dimethylphenol	10.392	122	49699	48.052	ng	98
28) bis(2-Chloroethoxy)met...	10.627	93	60866	43.010	ng	95
29) 2,4-Dichlorophenol	10.892	162	54230	48.754	ng	97
30) 1,2,4-Trichlorobenzene	11.109	180	54152	45.819	ng	99
31) Naphthalene	11.309	128	144677	43.700	ng	98
32) Benzoic acid	10.463	122	7505m	10.564	ng	
33) 4-Chloroaniline	11.403	127	38125	25.497	ng	97
34) Hexachlorobutadiene	11.579	225	38673	43.561	ng	95
35) Caprolactam	12.172	113	17559	45.774	ng	93
36) 4-Chloro-3-methylphenol	12.490	107	60137	48.344	ng	97
37) 2-Methylnaphthalene	12.883	142	111388	42.392	ng	99
38) 1-Methylnaphthalene	13.101	142	103879	42.102	ng	94
40) 1,2,4,5-Tetrachloroben...	13.242	216	76098	46.646	ng	99
41) Hexachlorocyclopentadiene	13.218	237	97922	108.941	ng	95
43) 2,4,6-Trichlorophenol	13.471	196	52946	50.858	ng	96

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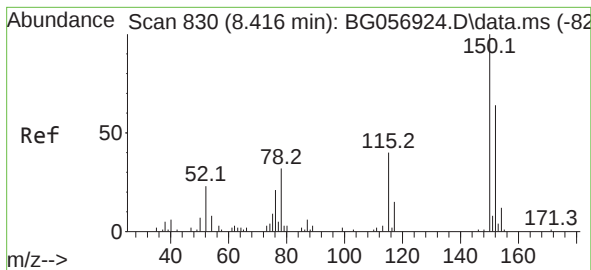
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.541	196	57788	46.857	ng	94
46) 1,1'-Biphenyl	13.864	154	160084	46.484	ng	98
47) 2-Chloronaphthalene	13.917	162	121719	47.788	ng	97
48) 2-Nitroaniline	14.105	65	42870	47.071	ng	94
49) Acenaphthylene	14.757	152	189931	45.386	ng	99
50) Dimethylphthalate	14.463	163	167038	45.062	ng	99
51) 2,6-Dinitrotoluene	14.593	165	37026	46.231	ng	94
52) Acenaphthene	15.092	154	144644	50.116	ng	98
53) 3-Nitroaniline	14.922	138	25273	31.881	ng	91
54) 2,4-Dinitrophenol	15.127	184	38921	86.339	ng	# 91
55) Dibenzofuran	15.421	168	197847	45.673	ng	98
56) 4-Nitrophenol	15.215	139	59846	102.091	ng	93
57) 2,4-Dinitrotoluene	15.374	165	52141	46.160	ng	97
58) Fluorene	16.067	166	162341	45.289	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.638	232	56284	50.123	ng	# 99
60) Diethylphthalate	15.809	149	166388	44.775	ng	98
61) 4-Chlorophenyl-phenyle...	16.050	204	95988	45.609	ng	94
62) 4-Nitroaniline	16.079	138	37510	45.669	ng	95
63) Azobenzene	16.337	77	165732	44.752	ng	98
65) 4,6-Dinitro-2-methylph...	16.138	198	34036	49.452	ng	92
66) n-Nitrosodiphenylamine	16.261	169	139067	45.587	ng	99
67) 4-Bromophenyl-phenylether	16.942	248	63778	45.358	ng	96
68) Hexachlorobenzene	17.072	284	67600	48.628	ng	99
69) Atrazine	17.195	200	59781	47.209	ng	94
70) Pentachlorophenol	17.412	266	79207	79.420	ng	96
71) Phenanthrene	17.812	178	263691	45.511	ng	99
72) Anthracene	17.900	178	265198	44.649	ng	98
73) Carbazole	18.164	167	230607	44.531	ng	97
74) Di-n-butylphthalate	18.687	149	262828	43.829	ng	99
75) Fluoranthene	19.797	202	294889	40.150	ng	98
77) Benzidine	19.962	184	113016	44.531	ng	97
78) Pyrene	20.156	202	290692	45.265	ng	98
80) Butylbenzylphthalate	21.013	149	103939	47.033	ng	95
81) Benzo(a)anthracene	22.065	228	285504	44.435	ng	99
82) 3,3'-Dichlorobenzidine	21.959	252	71367	32.893	ng	99
83) Chrysene	22.141	228	261166	43.412	ng	99
84) Bis(2-ethylhexyl)phtha...	21.918	149	143246	44.764	ng	99
85) Di-n-octyl phthalate	23.234	149	237940	44.123	ng	99
87) Indeno(1,2,3-cd)pyrene	29.725	276	329023	44.351	ng	# 97
88) Benzo(b)fluoranthene	24.497	252	286856	45.699	ng	99
89) Benzo(k)fluoranthene	24.573	252	285815	45.609	ng	100
90) Benzo(a)pyrene	25.466	252	251495	40.773	ng	99
91) Dibenzo(a,h)anthracene	29.790	278	280385	45.980	ng	98
92) Benzo(g,h,i)perylene	31.017	276	265385	44.445	ng	97

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



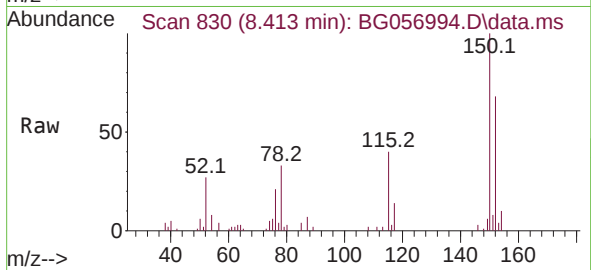
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.413 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BG056994.D
 Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

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B-30-SB02MS

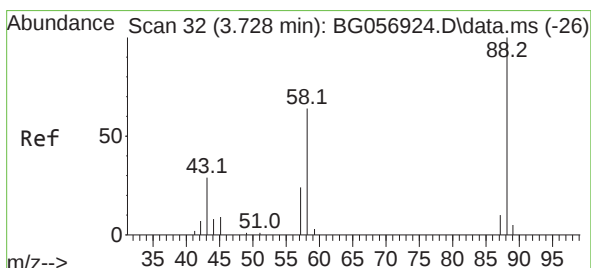
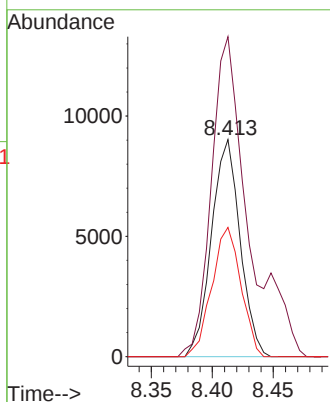
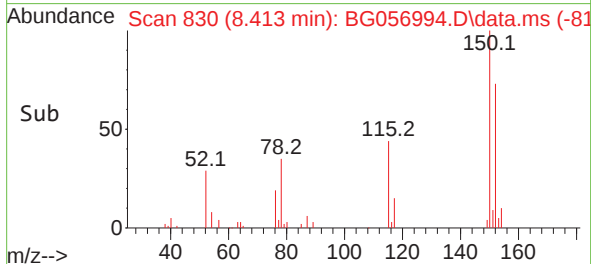


Tgt Ion:152 Resp: 14746
 Ion Ratio Lower Upper
 152 100
 150 147.5 124.1 186.1
 115 59.5 49.1 73.7

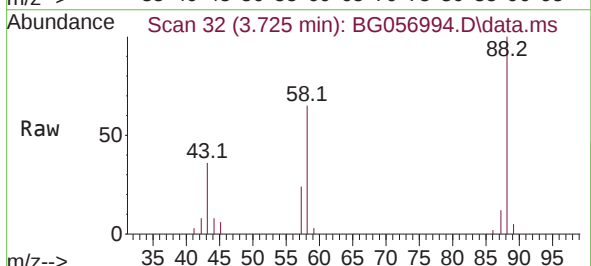
Manual Integrations

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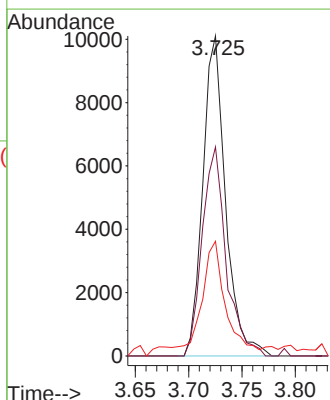
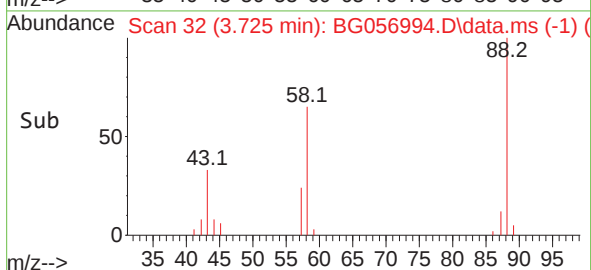
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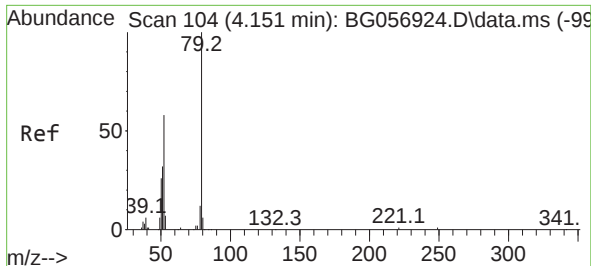


#2
 1,4-Dioxane
 Concen: 36.943 ng
 RT: 3.725 min Scan# 32
 Delta R.T. -0.007 min
 Lab File: BG056994.D
 Acq: 5 Apr 2023 17:17



Tgt Ion: 88 Resp: 14921
 Ion Ratio Lower Upper
 88 100
 58 68.8 55.9 83.9
 43 41.0 25.7 38.5#





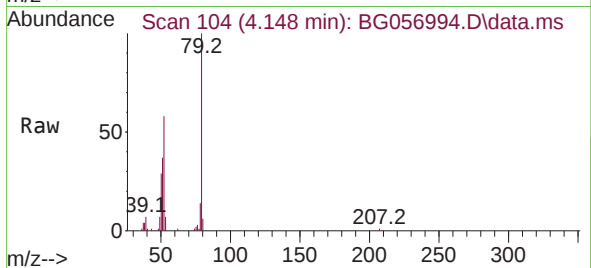
#3
Pyridine
Concen: 35.034 ng
RT: 4.148 min Scan# 104
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

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BNA_G

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B-30-SB02MS

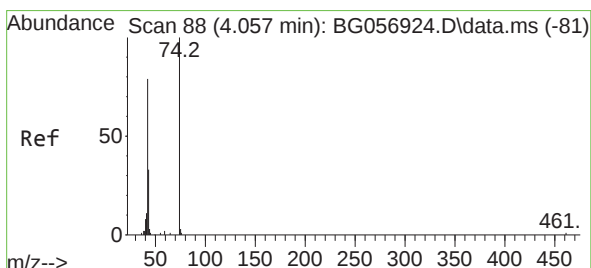
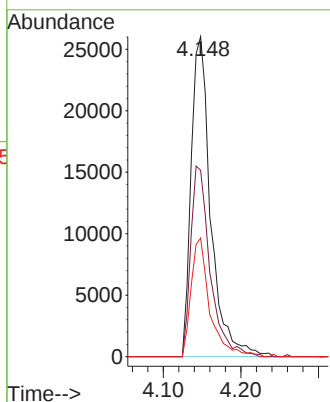
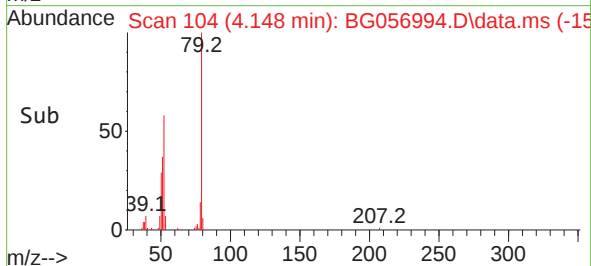


Tgt Ion: 79 Resp: 45576
Ion Ratio Lower Upper
79 100
52 58.2 46.1 69.1
51 37.0 26.1 39.1

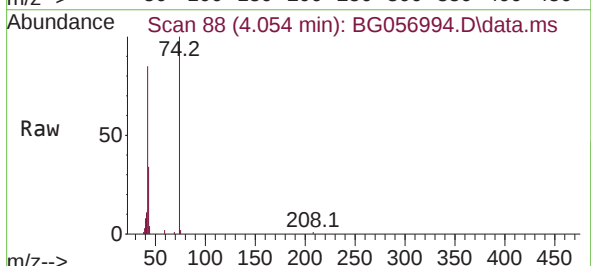
Manual Integrations

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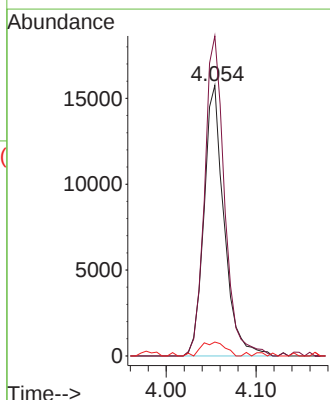
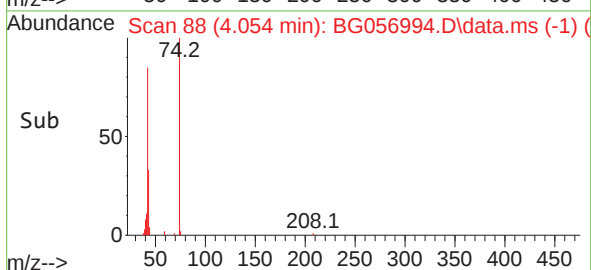
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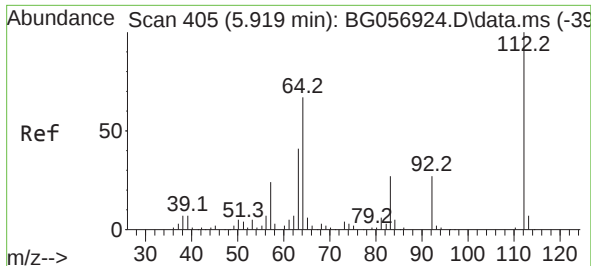


#4
n-Nitrosodimethylamine
Concen: 41.046 ng
RT: 4.054 min Scan# 88
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17



Tgt Ion: 42 Resp: 24550
Ion Ratio Lower Upper
42 100
74 118.3 100.6 151.0
44 5.1 4.6 7.0





#5
2-Fluorophenol
Concen: 118.235 ng
RT: 5.922 min Scan# 405
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

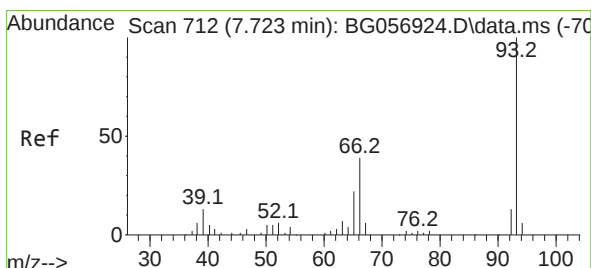
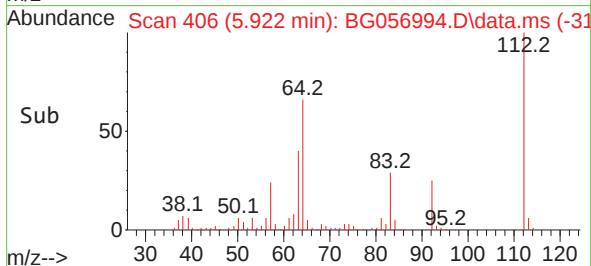
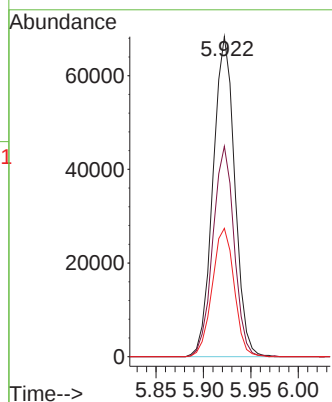
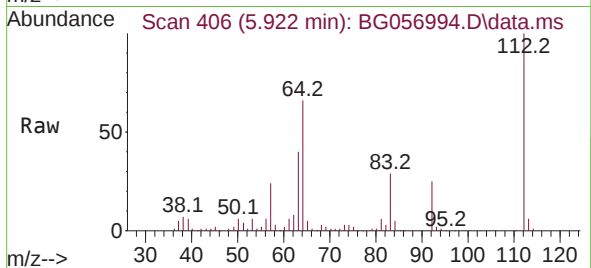
B-30-SB02MS

Tgt Ion:112 Resp: 108938
Ion Ratio Lower Upper
112 100
64 65.7 53.2 79.8
63 40.1 32.6 48.8

Manual Integrations

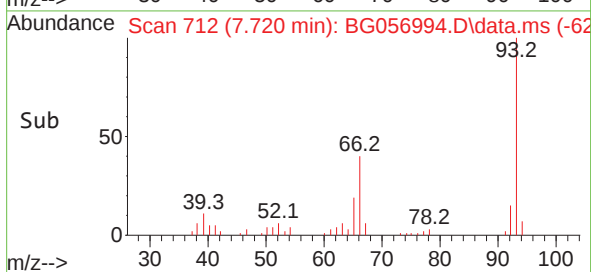
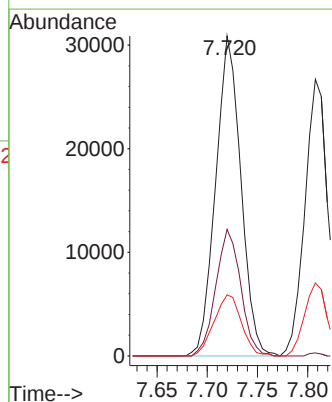
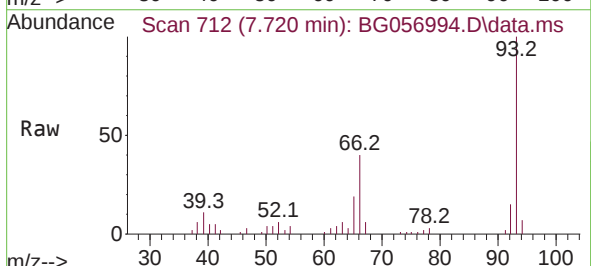
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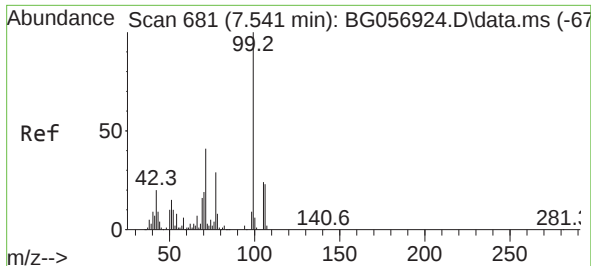
Reviewed By :Christian Giraldo 04/06/2023
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#6
Aniline
Concen: 30.656 ng
RT: 7.720 min Scan# 712
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

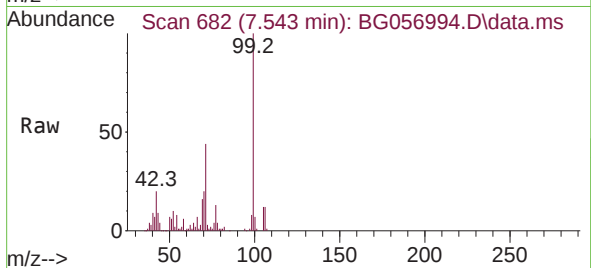
Tgt Ion: 93 Resp: 54006
Ion Ratio Lower Upper
93 100
66 39.5 31.4 47.0
65 19.1 17.3 25.9





#7
Phenol-d6
Concen: 116.769 ng
RT: 7.543 min Scan# 681
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

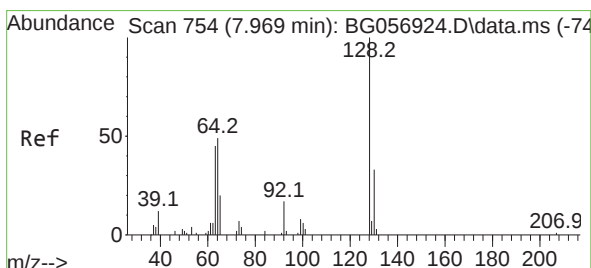
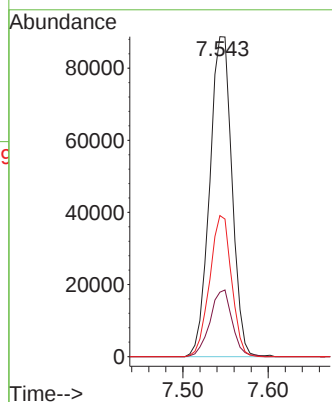
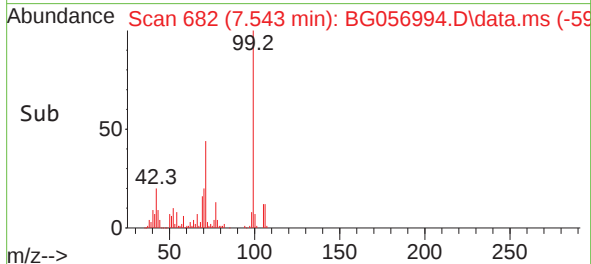
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Tgt Ion: 99 Resp: 160910
Ion Ratio Lower Upper
99 100
42 20.1 15.7 23.5
71 44.1 32.5 48.7

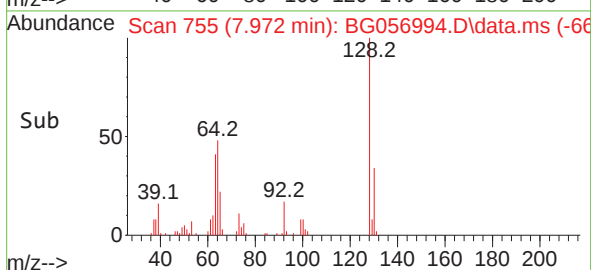
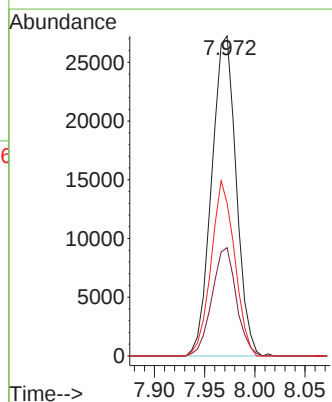
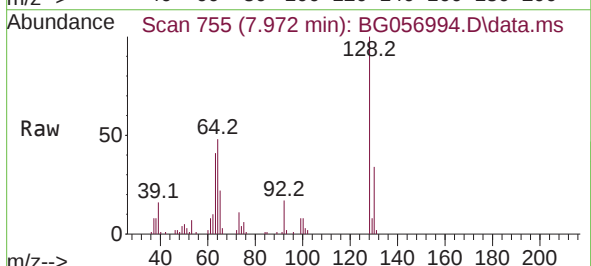
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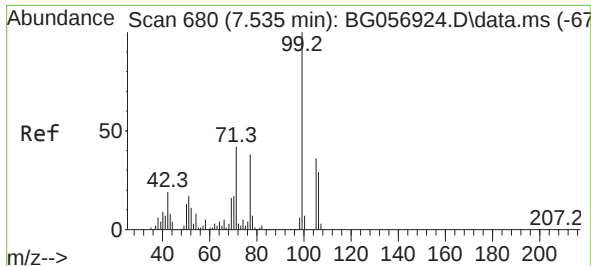
Reviewed By :Christian Giraldo 04/06/2023
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#8
2-Chlorophenol
Concen: 50.478 ng
RT: 7.972 min Scan# 755
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

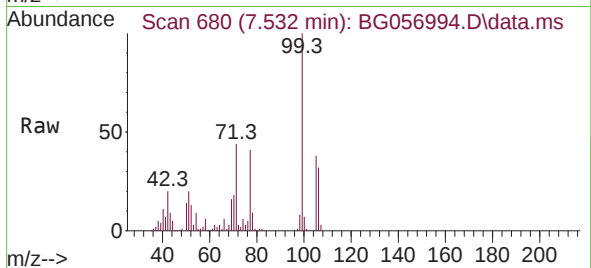
Tgt Ion:128 Resp: 46325
Ion Ratio Lower Upper
128 100
130 33.8 12.6 52.6
64 47.7 40.6 80.6





#9
Benzaldehyde
Concen: 39.688 ng
RT: 7.532 min Scan# 680
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

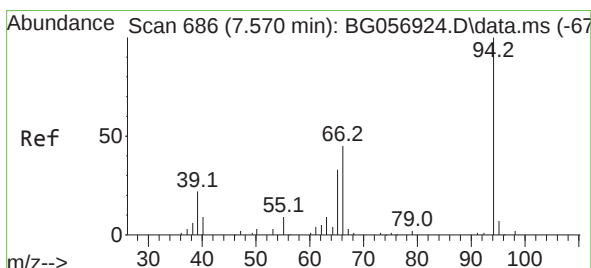
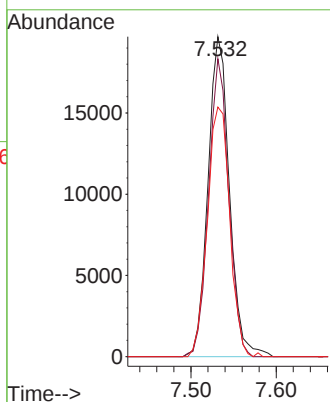
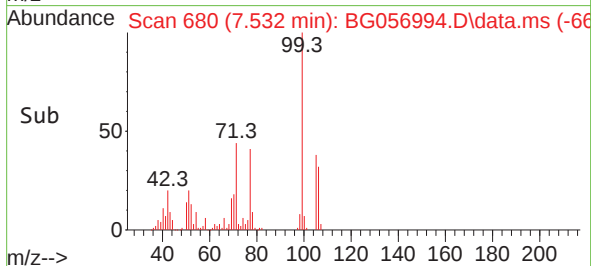
Instrument :
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Tgt Ion: 77 Resp: 34303
Ion Ratio Lower Upper
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105 93.1 73.6 113.6
106 78.0 56.7 96.7

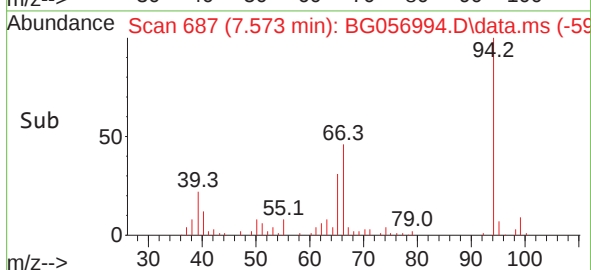
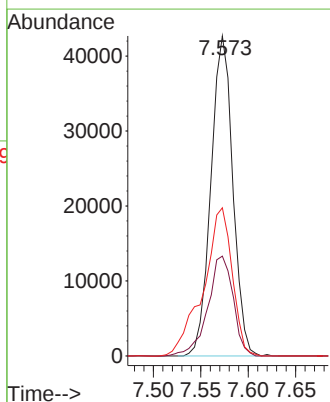
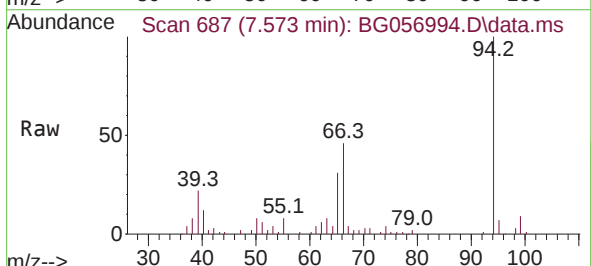
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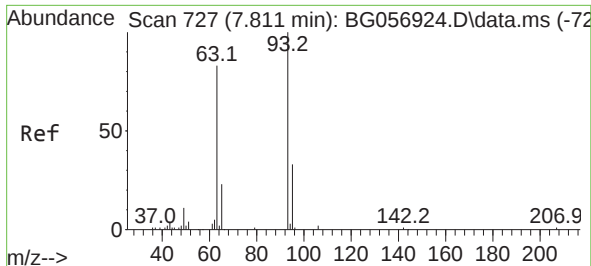
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#10
Phenol
Concen: 50.147 ng
RT: 7.573 min Scan# 687
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

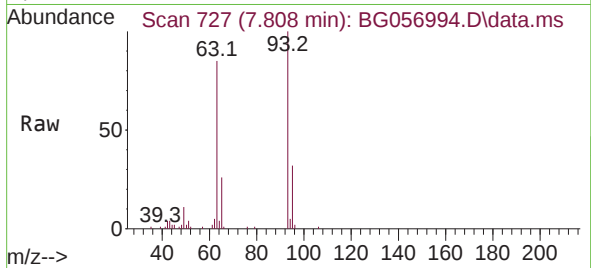
Tgt Ion: 94 Resp: 68472
Ion Ratio Lower Upper
94 100
65 31.2 13.3 53.3
66 46.3 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 43.978 ng
RT: 7.808 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

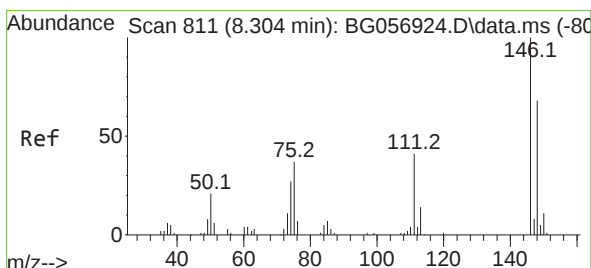
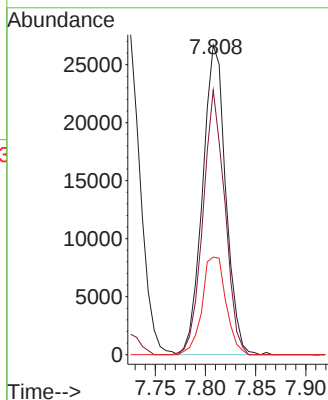
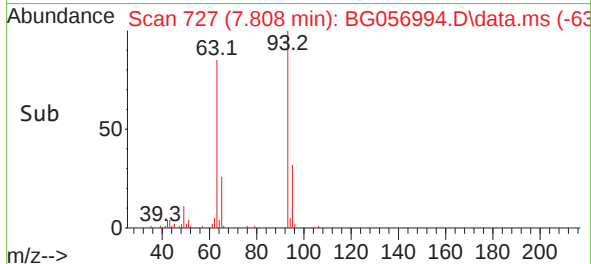
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MS



Tgt Ion: 93 Resp: 42774
Ion Ratio Lower Upper
93 100
63 85.5 62.7 102.7
95 31.5 12.3 52.3

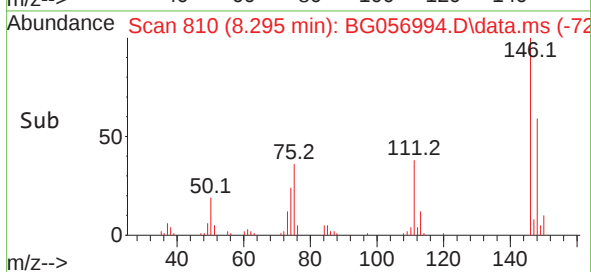
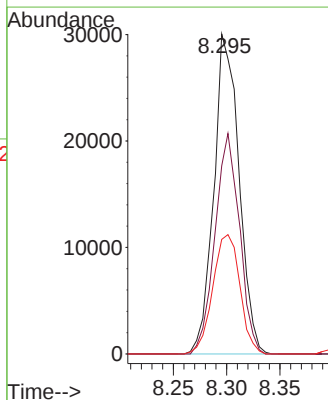
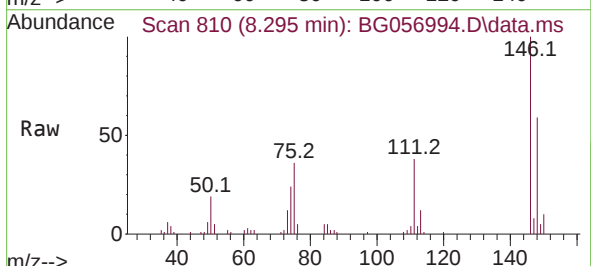
Manual Integrations
APPROVED

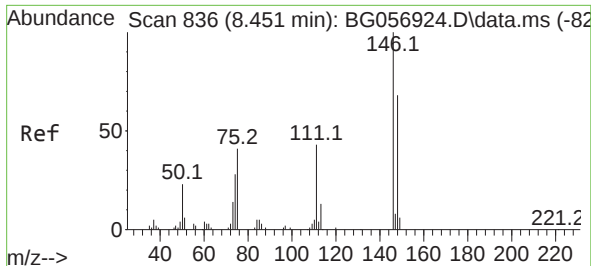
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#12
1,3-Dichlorobenzene
Concen: 48.699 ng
RT: 8.295 min Scan# 810
Delta R.T. -0.013 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Tgt Ion:146 Resp: 49383
Ion Ratio Lower Upper
146 100
148 58.8 54.2 81.4
75 35.8 29.8 44.8





#13
1,4-Dichlorobenzene
Concen: 50.080 ng
RT: 8.448 min Scan# 836
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

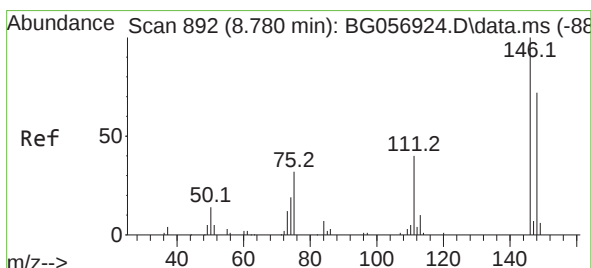
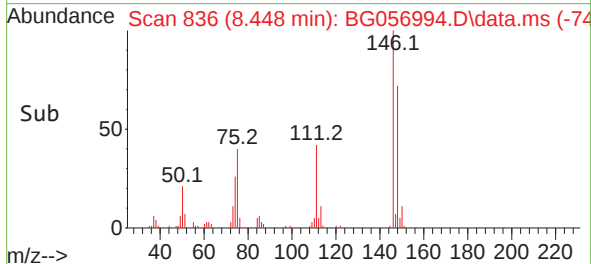
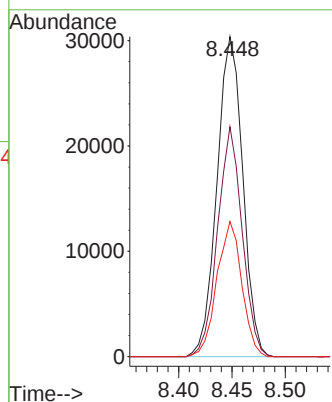
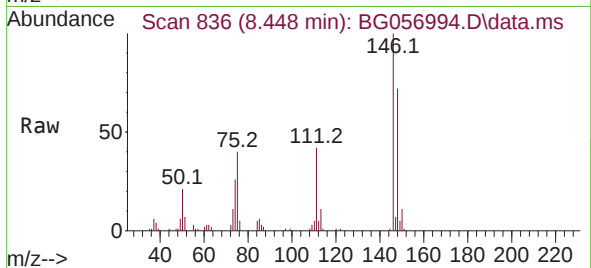
B-30-SB02MS

Tgt Ion:146 Resp: 51254
Ion Ratio Lower Upper
146 100
148 71.8 54.8 82.2
111 42.2 34.6 52.0

Manual Integrations

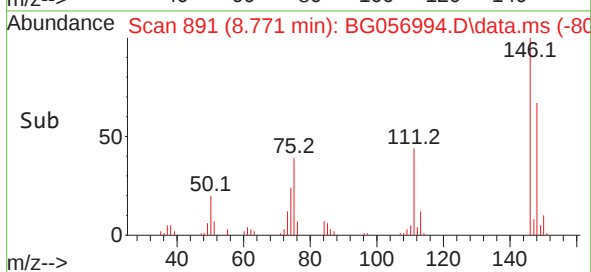
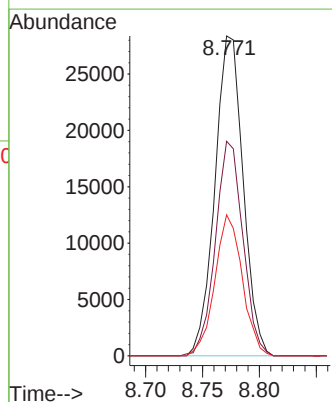
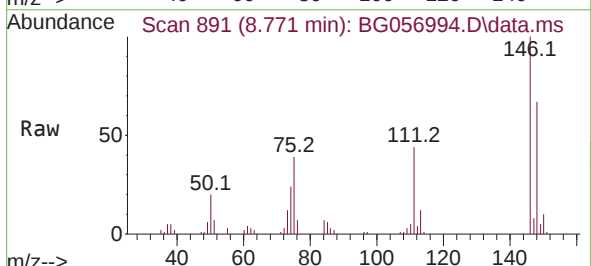
APPROVED

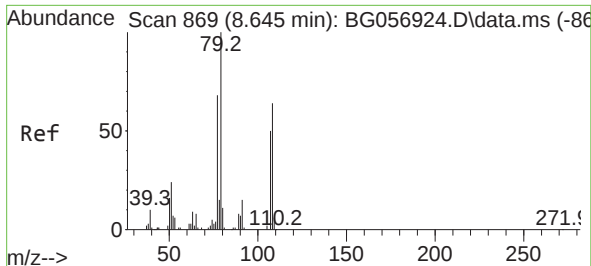
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#14
1,2-Dichlorobenzene
Concen: 49.632 ng
RT: 8.771 min Scan# 891
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

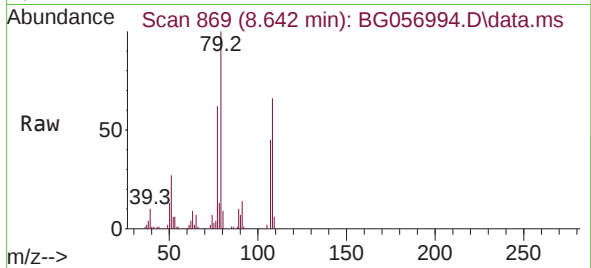
Tgt Ion:146 Resp: 49075
Ion Ratio Lower Upper
146 100
148 67.1 57.4 86.0
111 44.1 33.2 49.8





#15
Benzyl Alcohol
Concen: 47.133 ng
RT: 8.642 min Scan# 869
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

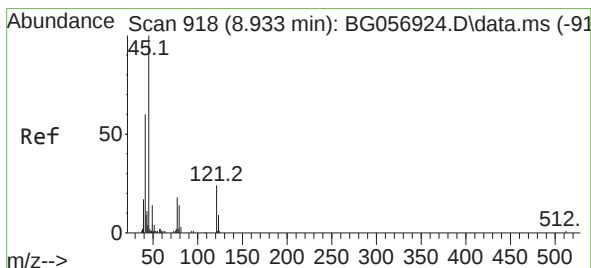
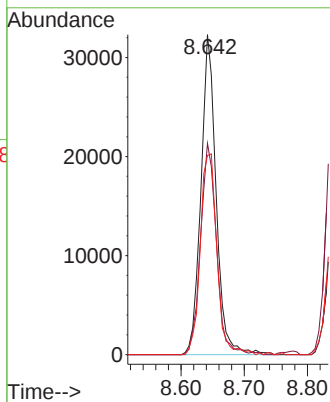
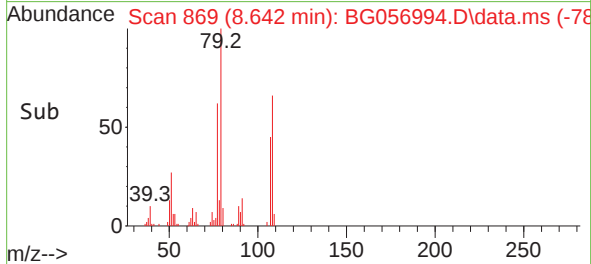
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MS



Tgt Ion: 79 Resp: 53968
Ion Ratio Lower Upper
79 100
108 66.0 51.2 76.8
77 62.2 54.4 81.6

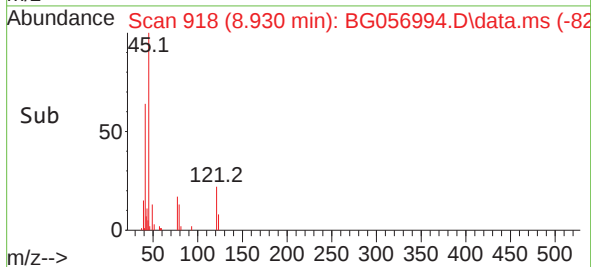
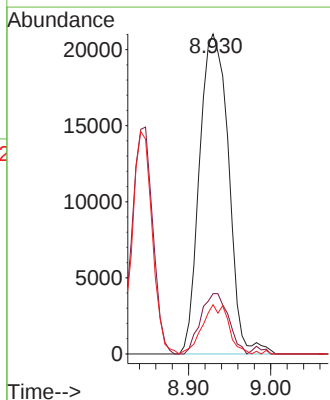
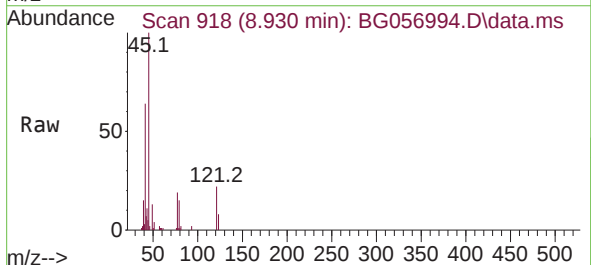
Manual Integrations
APPROVED

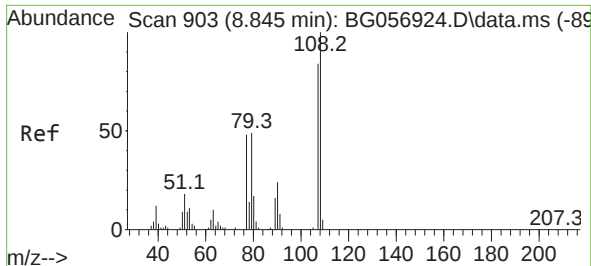
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.999 ng m
RT: 8.930 min Scan# 918
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Tgt Ion: 45 Resp: 51575
Ion Ratio Lower Upper
45 100
77 18.8 0.0 38.7
79 15.4 0.0 35.1





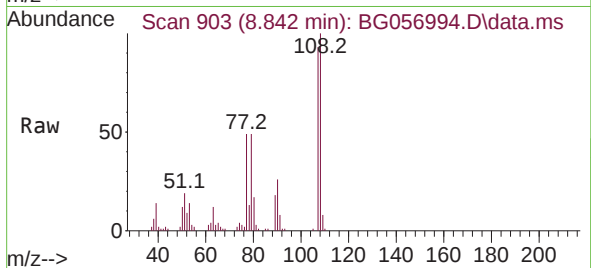
#17
2-Methylphenol
Concen: 47.233 ng
RT: 8.842 min Scan# 90
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

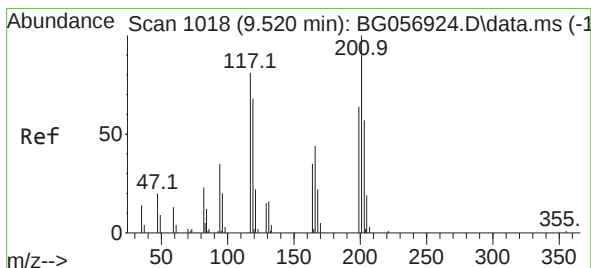
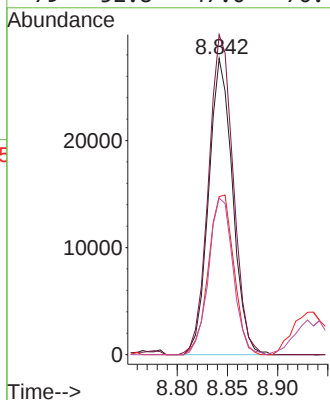
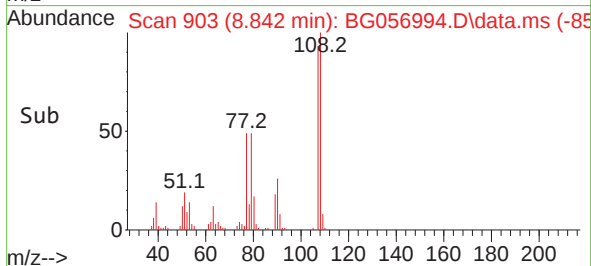


Tgt Ion:107 Resp: 46012
Ion Ratio Lower Upper
107 100
108 108.1 96.0 144.0
77 53.4 45.6 68.4
79 52.8 47.0 70.4

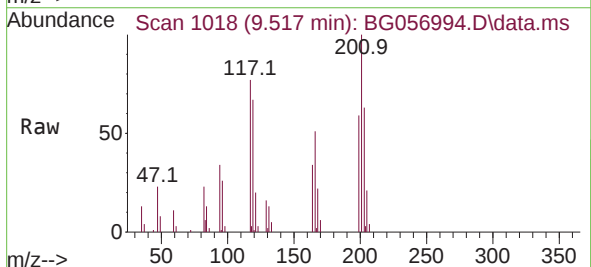
Manual Integrations

APPROVED

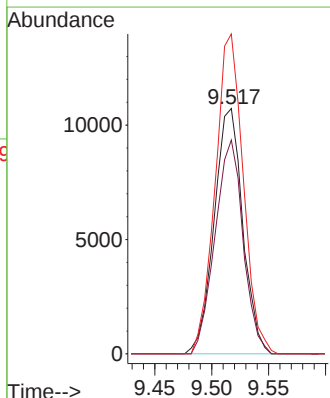
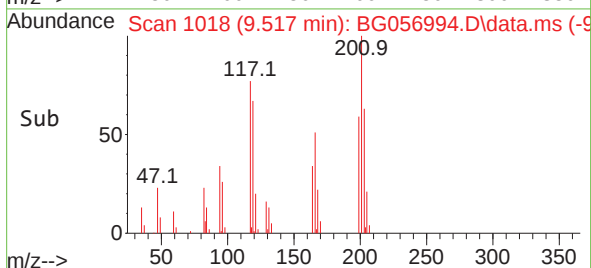
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

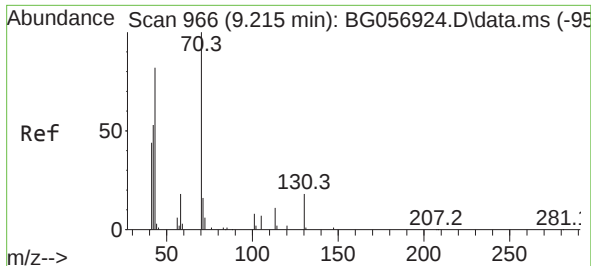


#18
Hexachloroethane
Concen: 49.998 ng
RT: 9.517 min Scan# 1018
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17



Tgt Ion:117 Resp: 18703
Ion Ratio Lower Upper
117 100
119 87.1 67.0 100.6
201 130.4 98.7 148.1





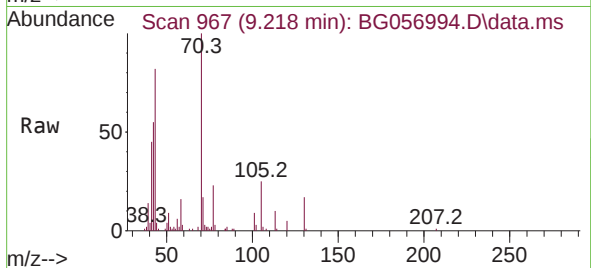
#19
n-Nitroso-di-n-propylamine
Concen: 42.910 ng
RT: 9.218 min Scan# 966
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

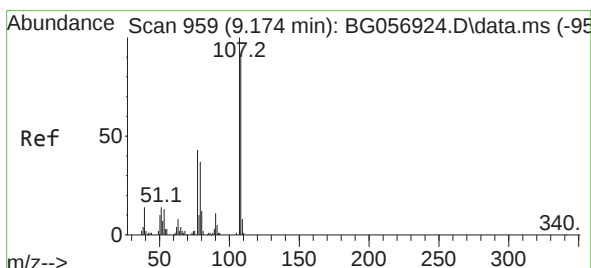
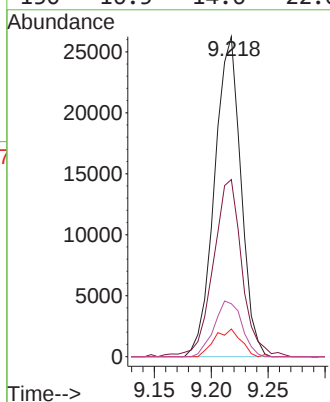
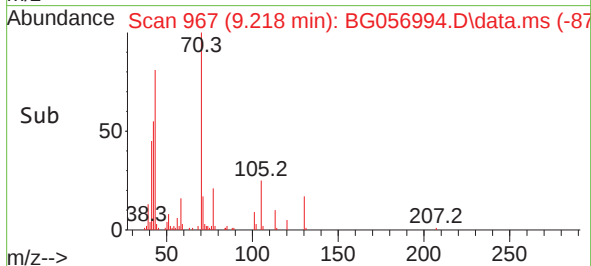


Tgt Ion: 70 Resp: 42294
Ion Ratio Lower Upper
70 100
42 55.3 43.4 65.0
101 8.6 6.2 9.2
130 16.5 14.6 22.0

Manual Integrations

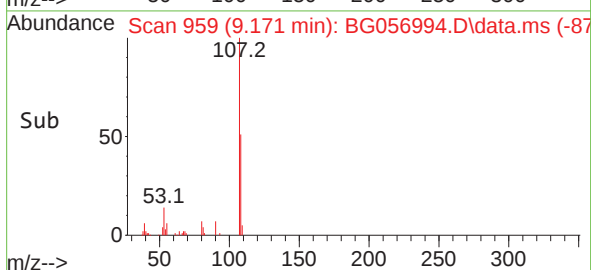
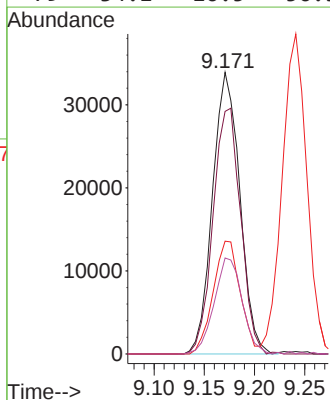
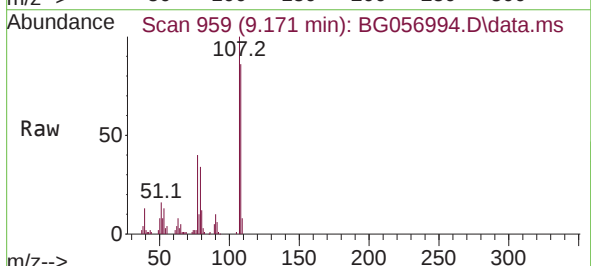
APPROVED

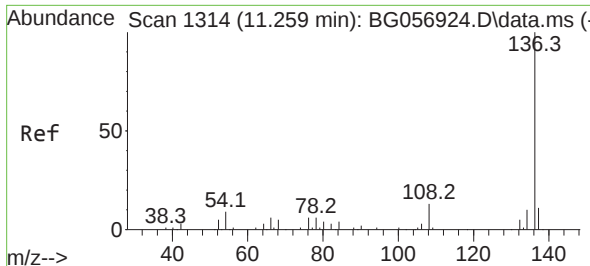
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#20
3+4-Methylphenols
Concen: 47.128 ng
RT: 9.171 min Scan# 959
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Tgt Ion:107 Resp: 64197
Ion Ratio Lower Upper
107 100
108 86.2 69.9 109.9
77 40.1 22.7 62.7
79 34.1 16.5 56.5





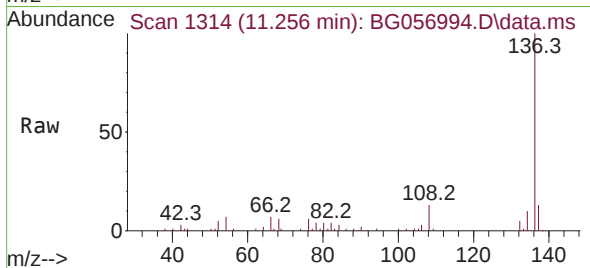
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.256 min Scan# 1314
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

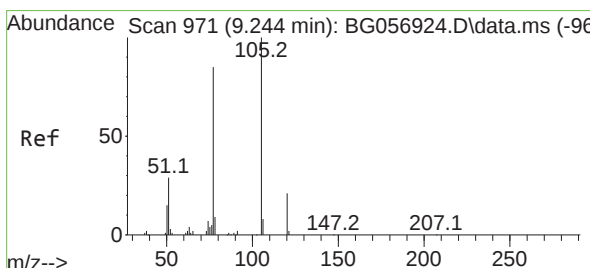
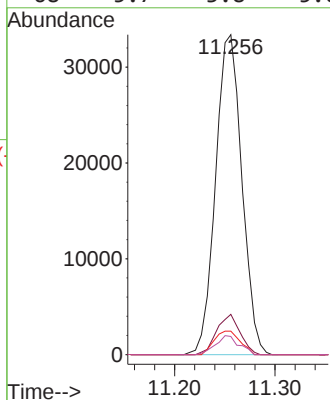
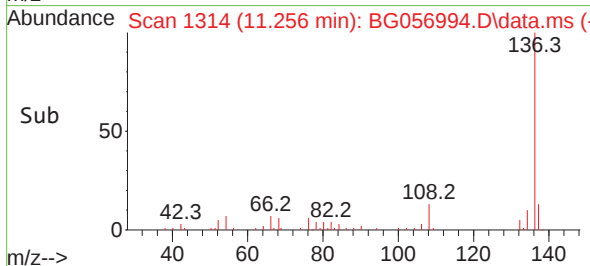


Tgt Ion:136 Resp: 60739
Ion Ratio Lower Upper
136 100
137 12.6 8.6 13.0
54 7.3 6.9 10.3
68 5.7 3.8 5.6#

Manual Integrations

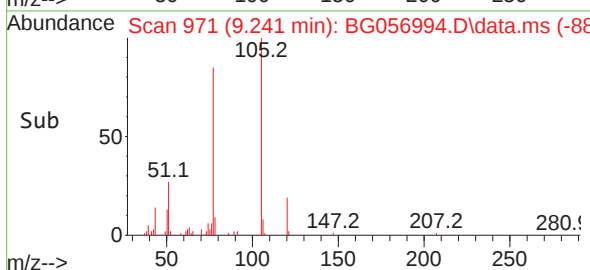
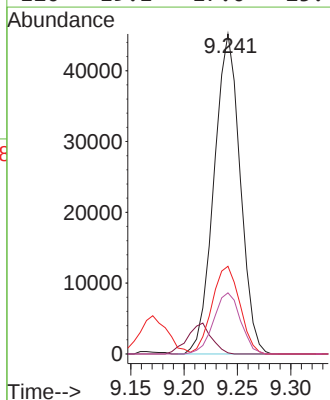
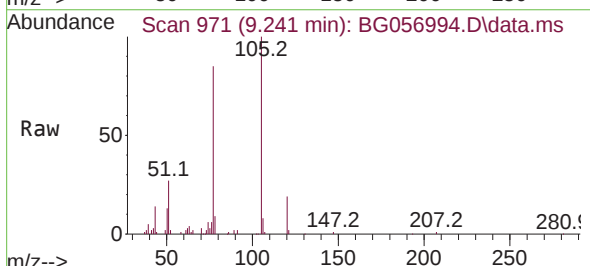
APPROVED

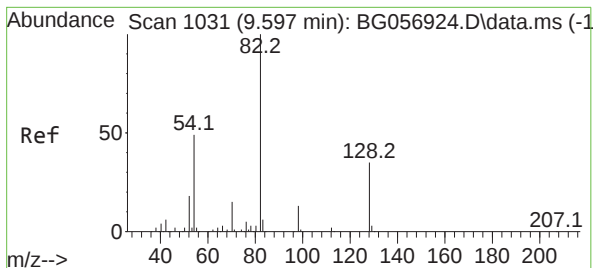
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#22
Acetophenone
Concen: 42.648 ng
RT: 9.241 min Scan# 971
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Tgt Ion:105 Resp: 77081
Ion Ratio Lower Upper
105 100
71 0.3 0.7 1.1#
51 27.4 23.8 35.8
120 19.1 17.0 25.4





#23

Nitrobenzene-d5

Concen: 67.573 ng

RT: 9.588 min Scan# 1030

Delta R.T. -0.007 min

Lab File: BG056994.D

Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

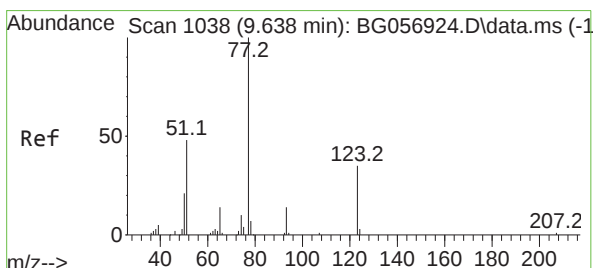
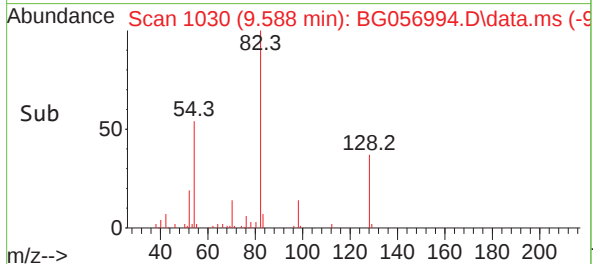
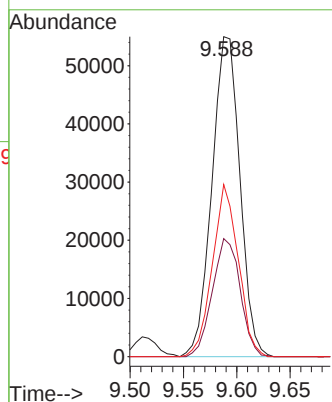
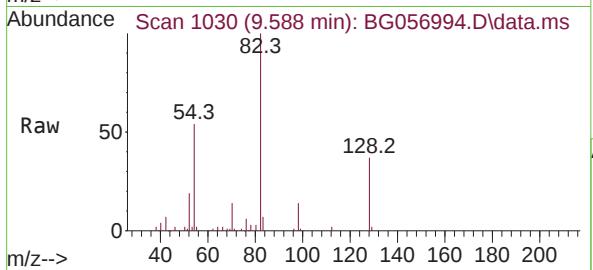
B-30-SB02MS

Tgt Ion: 82	Resp: 10030
Ion Ratio	Lower Upper
82	100
128	36.9 27.9 41.9
54	53.8 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#24

Nitrobenzene

Concen: 42.290 ng

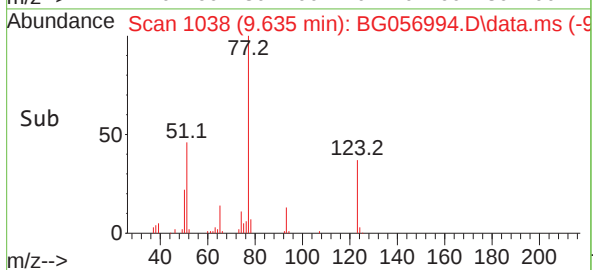
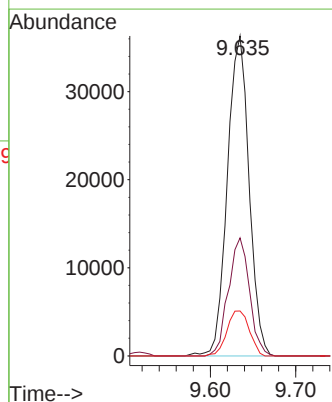
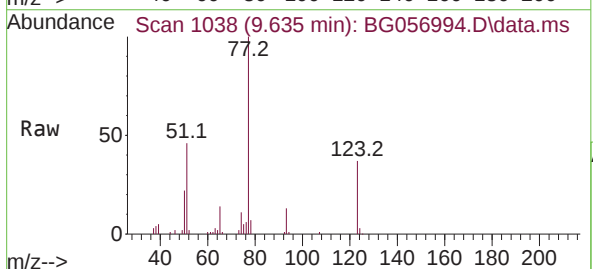
RT: 9.635 min Scan# 1038

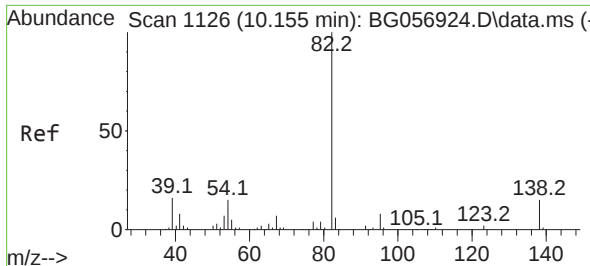
Delta R.T. -0.007 min

Lab File: BG056994.D

Acq: 5 Apr 2023 17:17

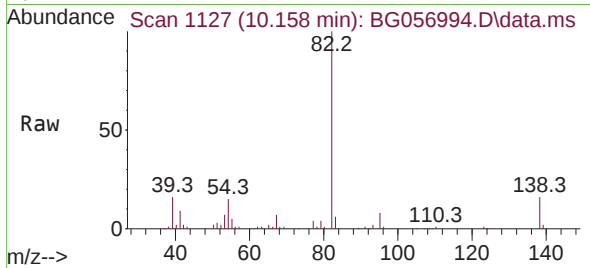
Tgt Ion: 77	Resp: 64181
Ion Ratio	Lower Upper
77	100
123	36.9 27.6 41.4
65	14.0 11.5 17.3





#25
Isophorone
Concen: 41.247 ng
RT: 10.158 min Scan# 1126
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

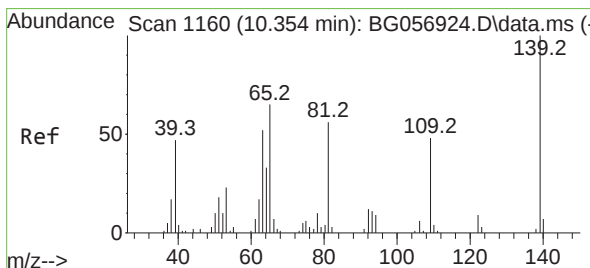
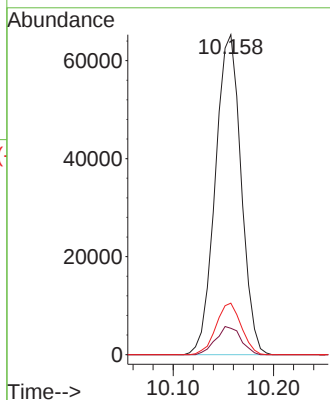
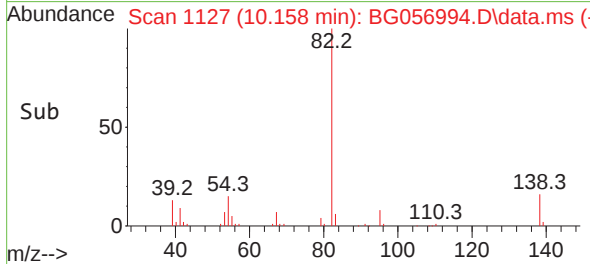
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MS



Tgt Ion: 82 Resp: 116594
Ion Ratio Lower Upper
82 100
95 8.2 6.3 9.5
138 16.1 11.8 17.8

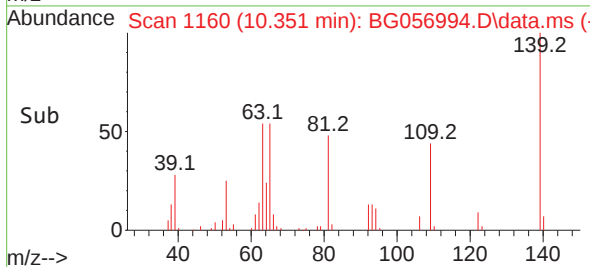
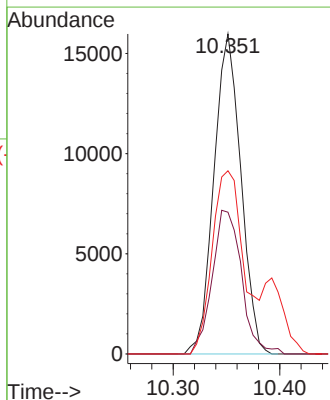
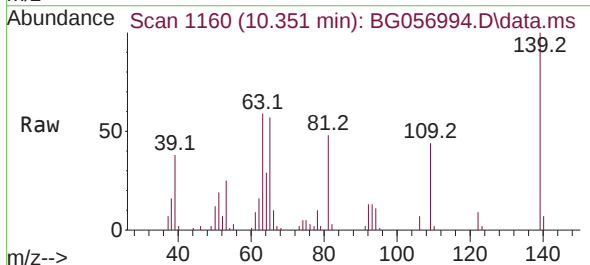
Manual Integrations
APPROVED

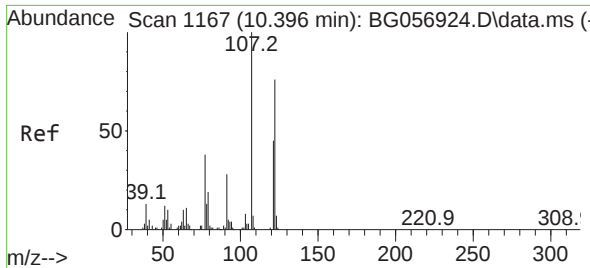
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#26
2-Nitrophenol
Concen: 47.926 ng
RT: 10.351 min Scan# 1160
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Tgt Ion:139 Resp: 28075
Ion Ratio Lower Upper
139 100
109 44.3 38.2 57.4
65 57.2 51.8 77.8





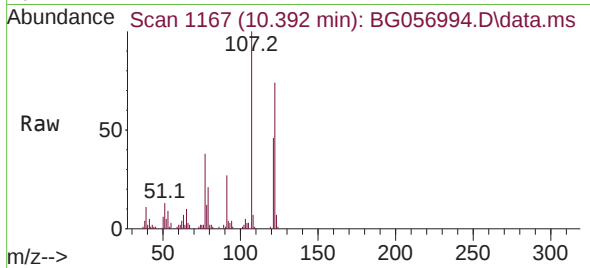
#27
2,4-Dimethylphenol
Concen: 48.052 ng
RT: 10.392 min Scan# 1167
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

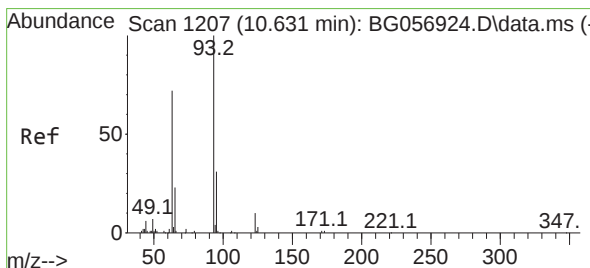
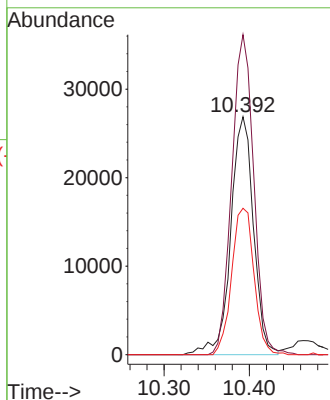
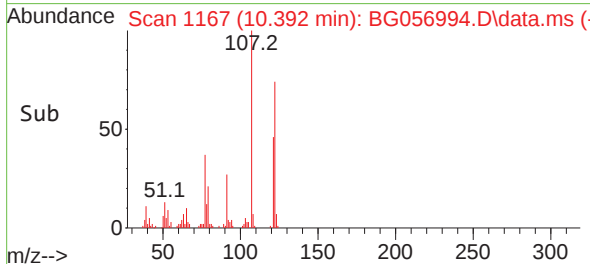


Tgt Ion:122 Resp: 49699
Ion Ratio Lower Upper
122 100
107 134.5 105.7 158.5
121 61.5 48.0 72.0

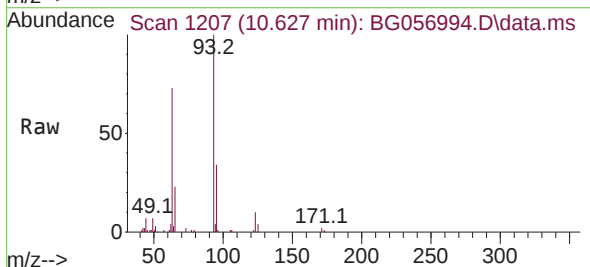
Manual Integrations

APPROVED

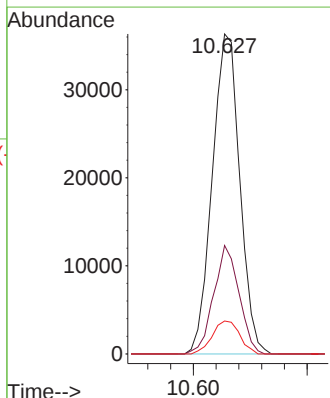
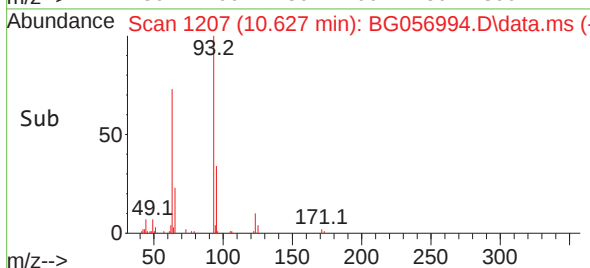
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

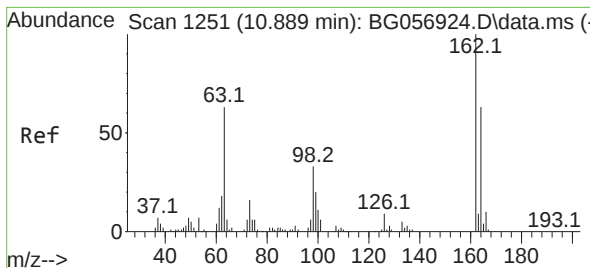


#28
bis(2-Chloroethoxy)methane
Concen: 43.010 ng
RT: 10.627 min Scan# 1207
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17



Tgt Ion: 93 Resp: 60866
Ion Ratio Lower Upper
93 100
95 33.9 24.6 37.0
123 10.3 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 48.754 ng

RT: 10.892 min Scan# 1251

Delta R.T. -0.001 min

Lab File: BG056994.D

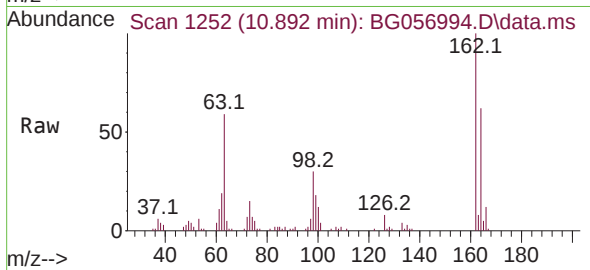
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS



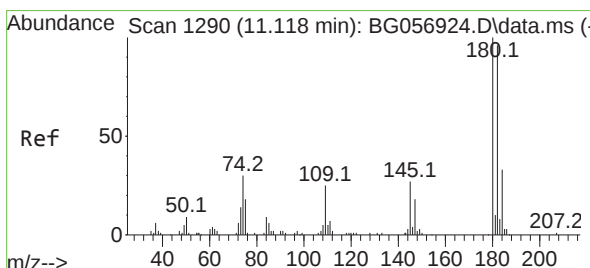
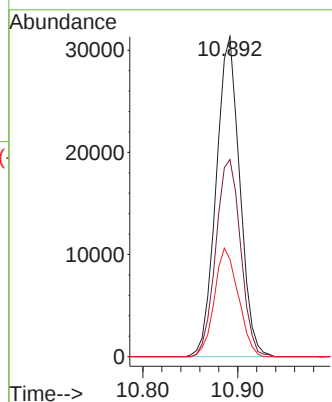
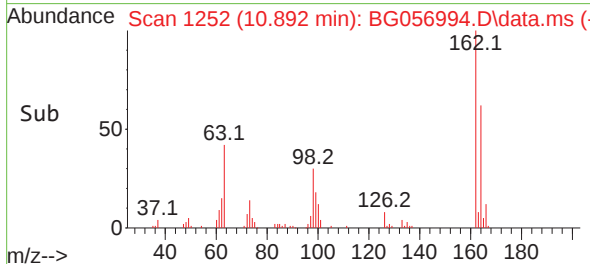
Tgt Ion:	162	Resp:	54236
Ion Ratio	Lower	Upper	
162	100		
164	61.6	43.4	83.4
98	30.4	12.5	52.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/06/2023

Supervised By :Jagrut Upadhyay 04/06/2023



#30

1,2,4-Trichlorobenzene

Concen: 45.819 ng

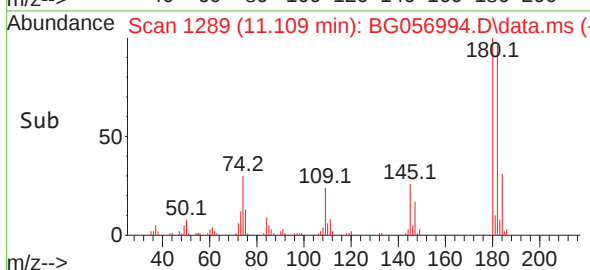
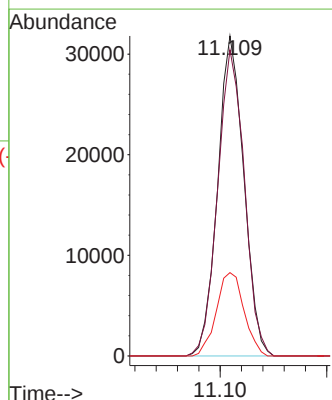
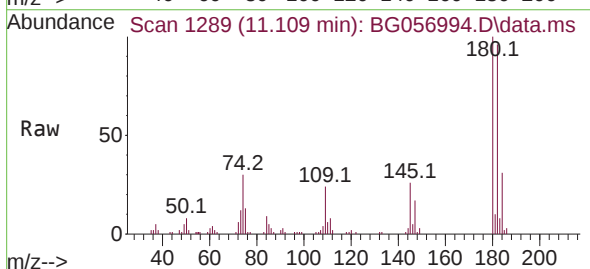
RT: 11.109 min Scan# 1289

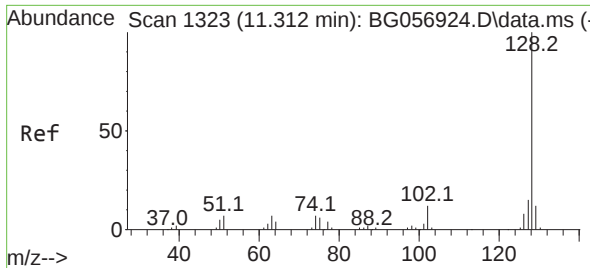
Delta R.T. -0.007 min

Lab File: BG056994.D

Acq: 5 Apr 2023 17:17

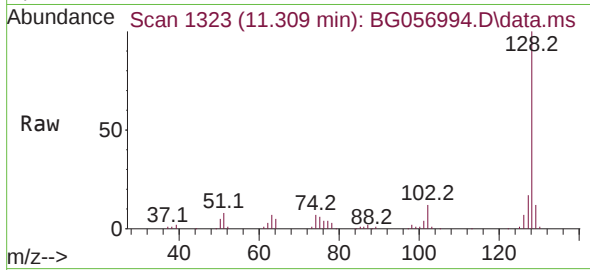
Tgt Ion:	180	Resp:	54152
Ion Ratio	Lower	Upper	
180	100		
182	95.7	77.1	115.7
145	26.0	21.3	31.9





#31
Naphthalene
Concen: 43.700 ng
RT: 11.309 min Scan# 11309
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

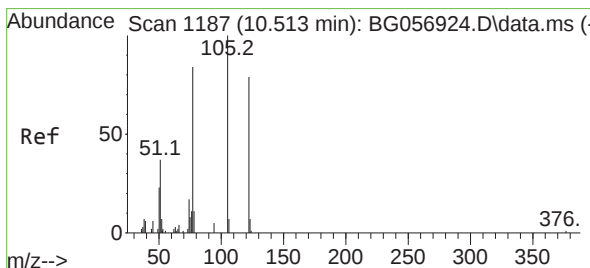
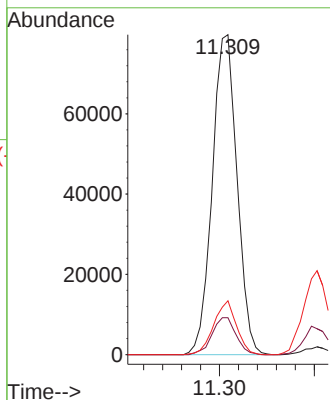
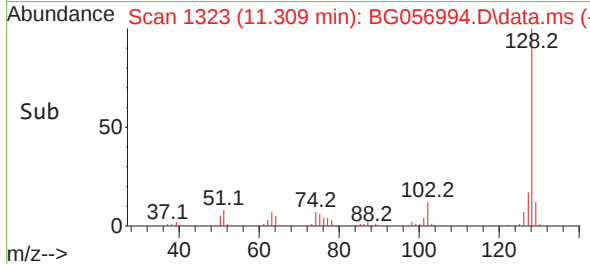
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MS



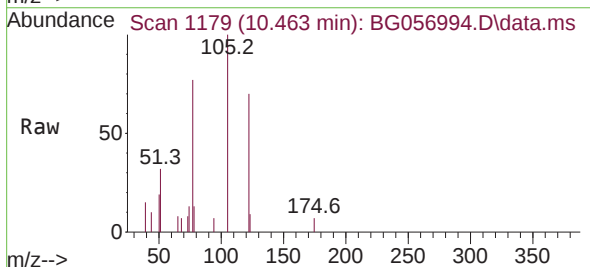
Tgt Ion:128 Resp: 144672
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 16.8 12.2 18.4

Manual Integrations
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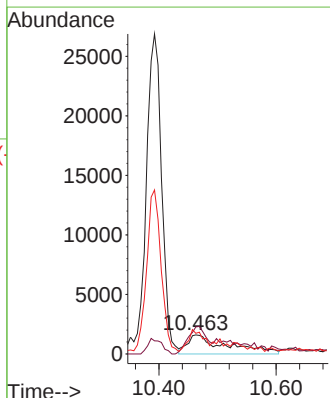
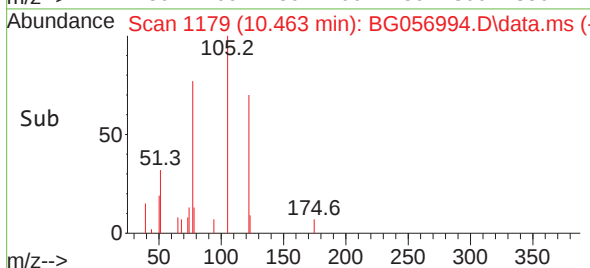
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

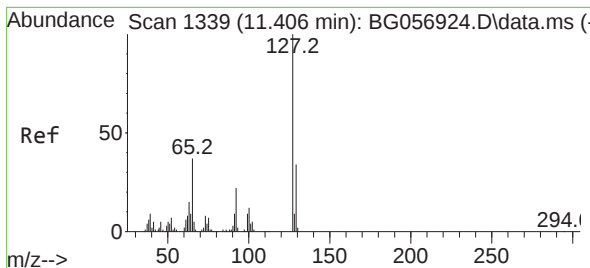


#32
Benzoic acid
Concen: 10.564 ng m
RT: 10.463 min Scan# 1179
Delta R.T. -0.066 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17



Tgt Ion:122 Resp: 7505
Ion Ratio Lower Upper
122 100
105 142.2 105.4 145.4
77 109.1 87.4 127.4





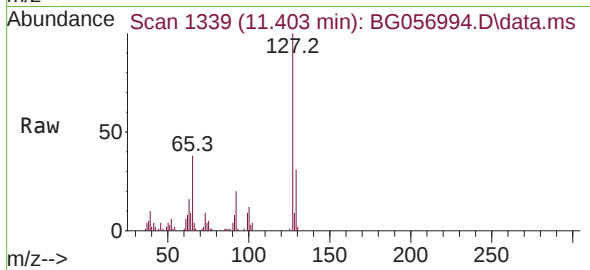
#33
4-Chloroaniline
Concen: 25.497 ng
RT: 11.403 min Scan# 1339
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

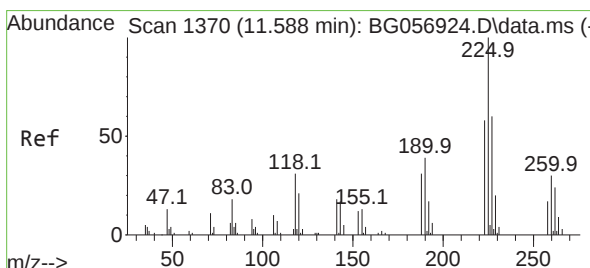
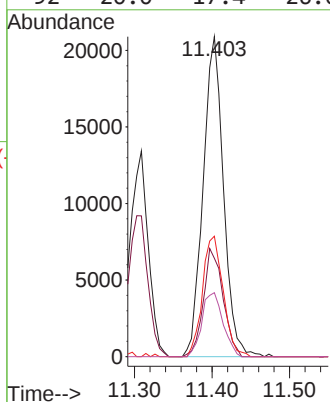
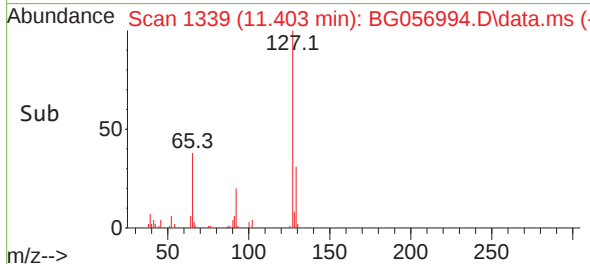


Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.8	27.6	41.4
65	37.6	29.8	44.8
92	20.0	17.4	26.0

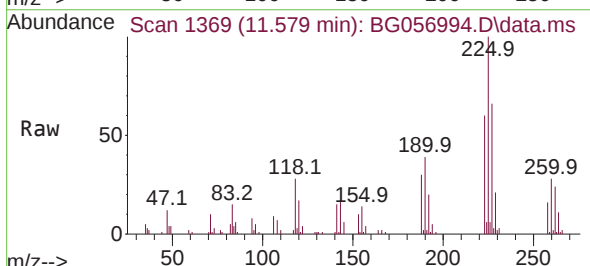
Manual Integrations

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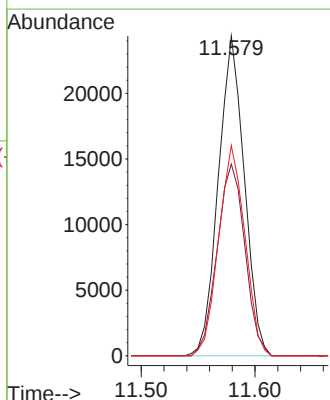
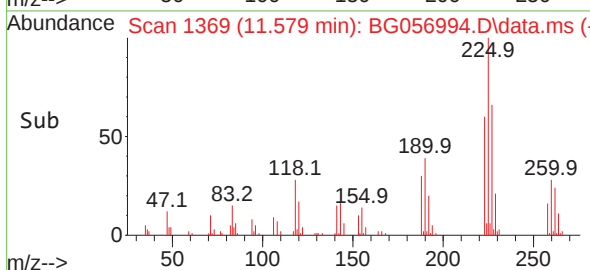
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

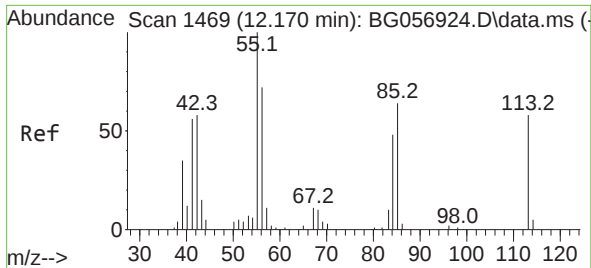


#34
Hexachlorobutadiene
Concen: 43.561 ng
RT: 11.579 min Scan# 1369
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17



Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.9	46.4	69.6
227	65.7	48.0	72.0





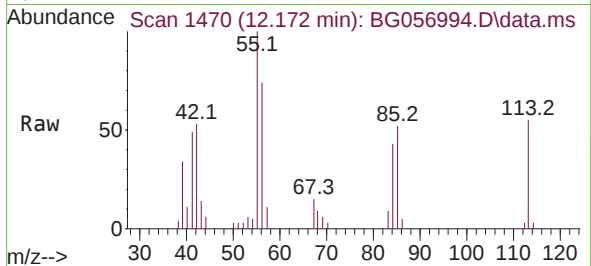
#35
 Caprolactam
 Concen: 45.774 ng
 RT: 12.172 min Scan# 1469
 Delta R.T. -0.007 min
 Lab File: BG056994.D
 Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

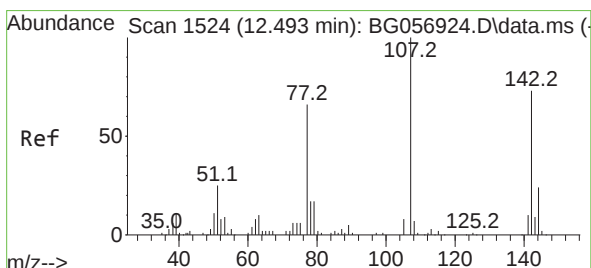
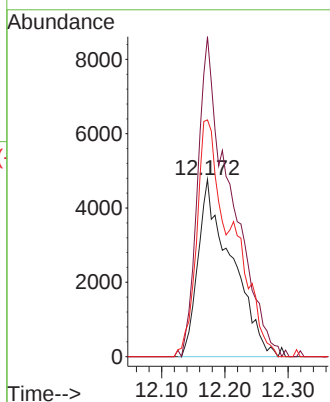
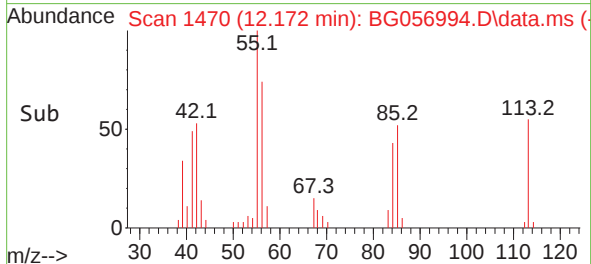


Tgt Ion:113 Resp: 17559
 Ion Ratio Lower Upper
 113 100
 55 180.6 151.6 191.6
 56 133.6 103.7 143.7

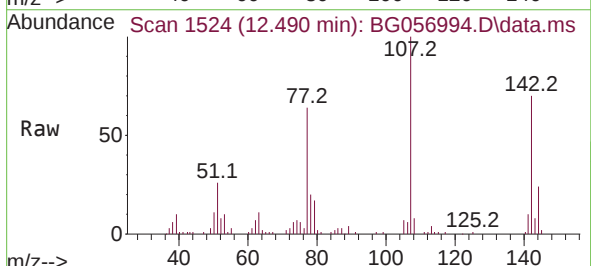
Manual Integrations

APPROVED

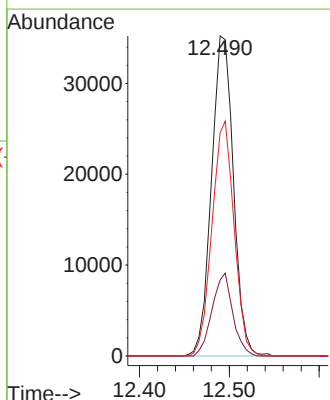
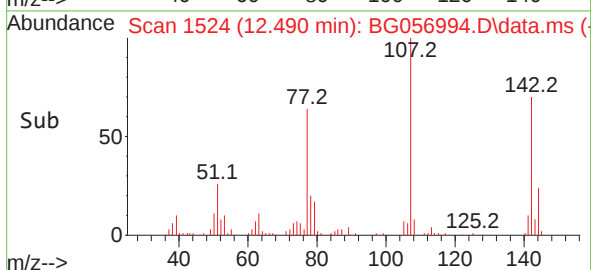
Reviewed By :Christian Giraldo 04/06/2023
 Supervised By :Jagrut Upadhyay 04/06/2023

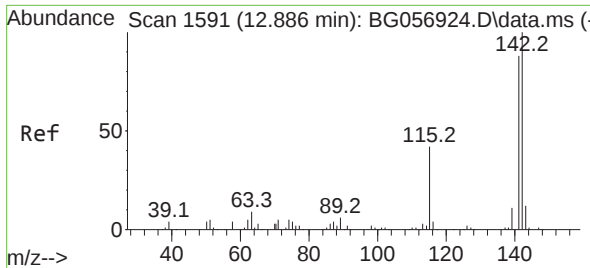


#36
 4-Chloro-3-methylphenol
 Concen: 48.344 ng
 RT: 12.490 min Scan# 1524
 Delta R.T. -0.007 min
 Lab File: BG056994.D
 Acq: 5 Apr 2023 17:17



Tgt Ion:107 Resp: 60137
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.0 28.4
 142 69.7 58.6 88.0





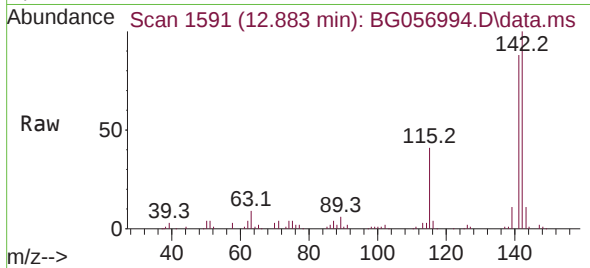
#37
2-Methylnaphthalene
Concen: 42.392 ng
RT: 12.883 min Scan# 1591
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

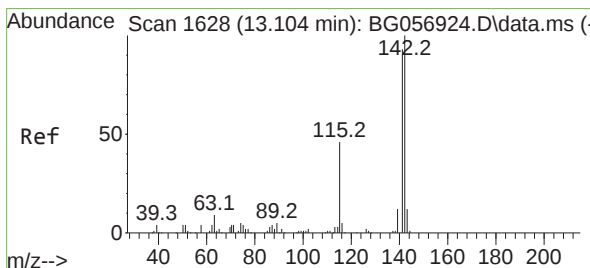
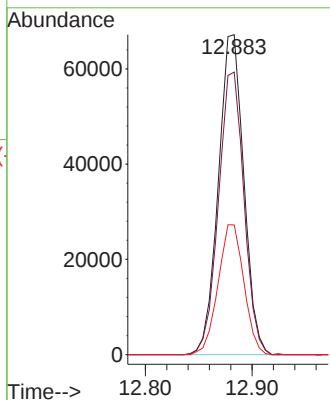
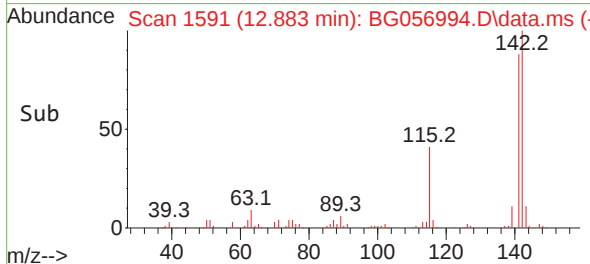


Tgt Ion:142 Resp: 111388
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5
115 40.5 33.5 50.3

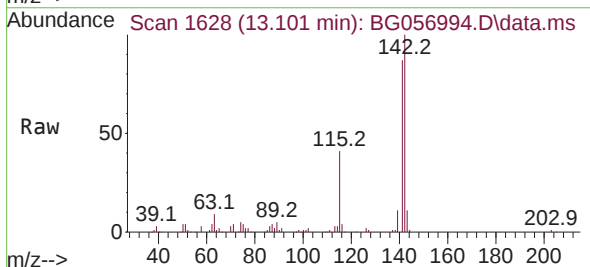
Manual Integrations

APPROVED

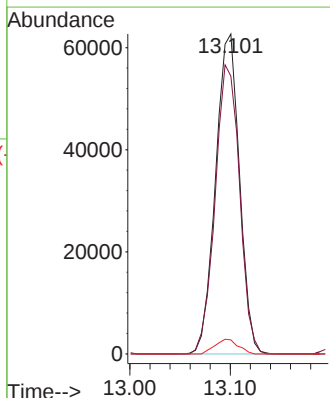
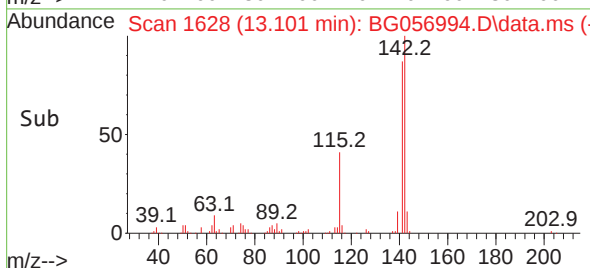
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

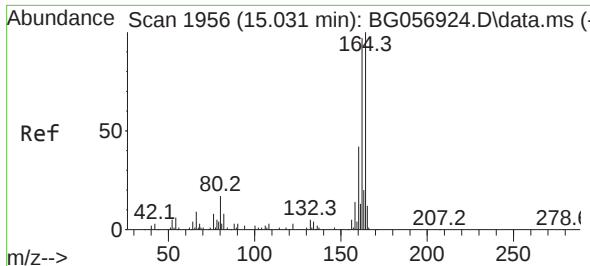


#38
1-Methylnaphthalene
Concen: 42.102 ng
RT: 13.101 min Scan# 1628
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17



Tgt Ion:142 Resp: 103879
Ion Ratio Lower Upper
142 100
141 86.8 74.0 111.0
116 4.4 3.7 5.5





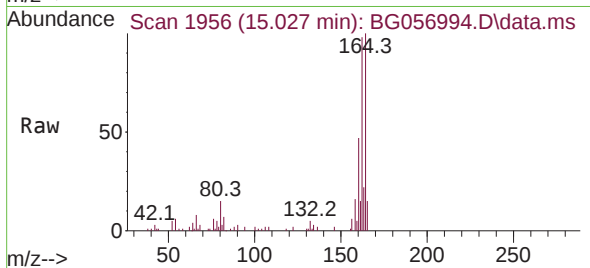
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.027 min Scan# 1956
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

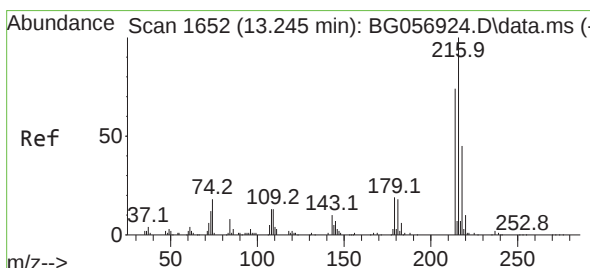
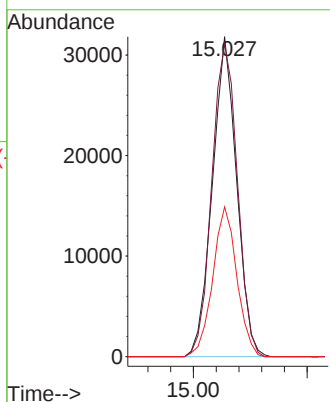
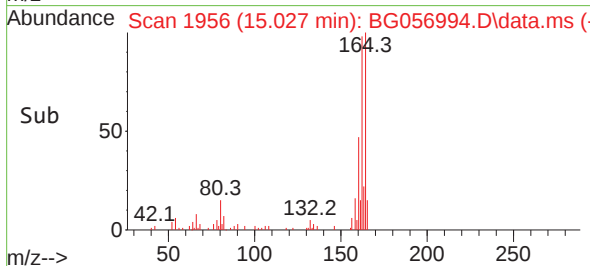


Tgt Ion:164 Resp: 47045
Ion Ratio Lower Upper
164 100
162 97.6 77.8 116.8
160 46.8 33.5 50.3

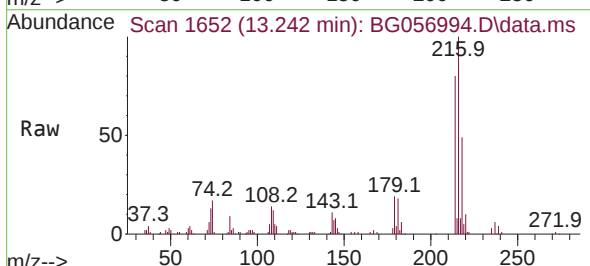
Manual Integrations

APPROVED

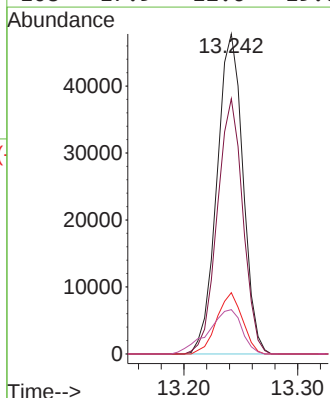
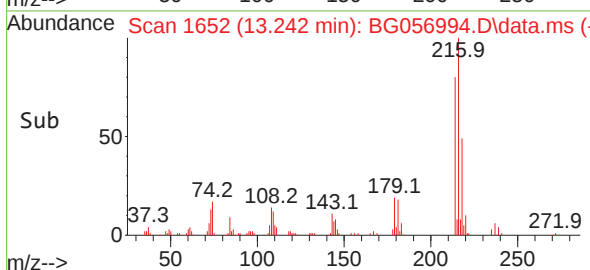
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

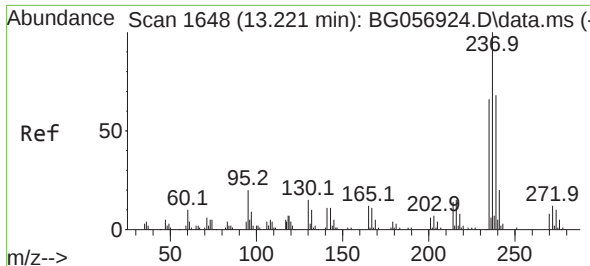


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.646 ng
RT: 13.242 min Scan# 1652
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17



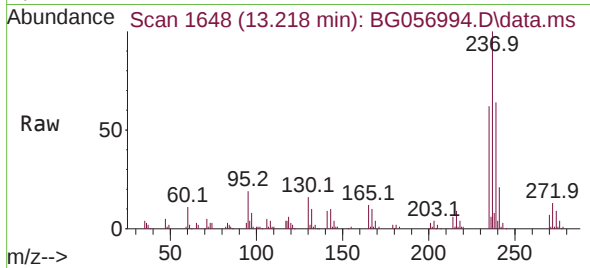
Tgt Ion:216 Resp: 76098
Ion Ratio Lower Upper
216 100
214 78.3 63.3 94.9
179 18.8 15.0 22.6
108 17.9 12.6 19.0





#41
Hexachlorocyclopentadiene
Concen: 108.941 ng
RT: 13.218 min Scan# 1648
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

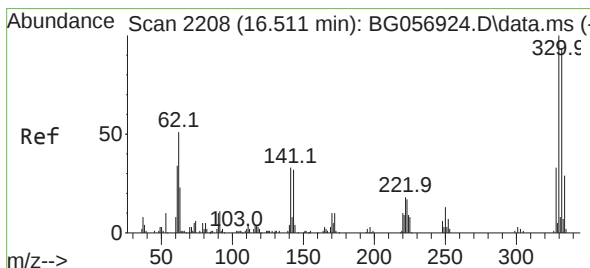
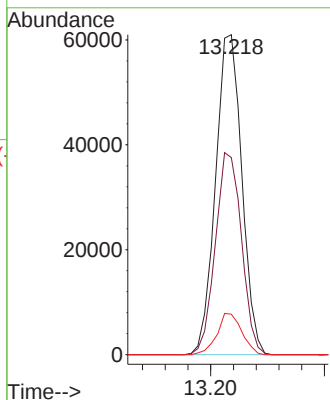
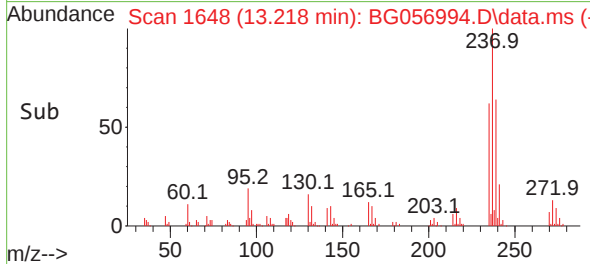
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MS



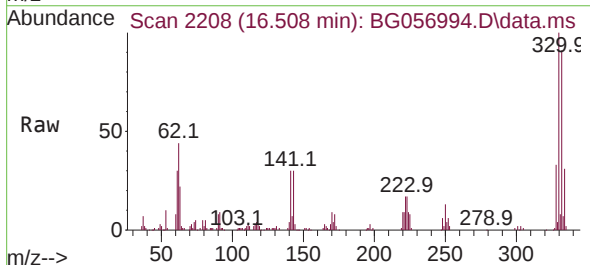
Tgt Ion: 237 Resp: 97922
Ion Ratio Lower Upper
237 100
235 61.6 45.9 85.9
272 12.6 0.0 32.3

Manual Integrations
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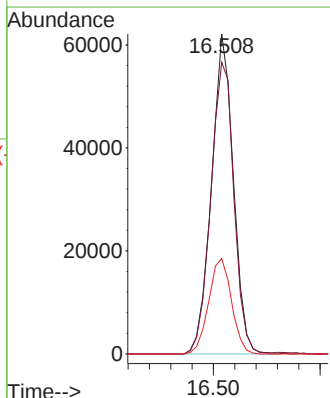
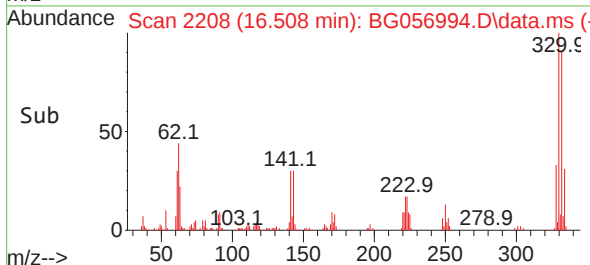
Reviewed By : Christian Giraldo 04/06/2023
Supervised By : Jagrut Upadhyay 04/06/2023

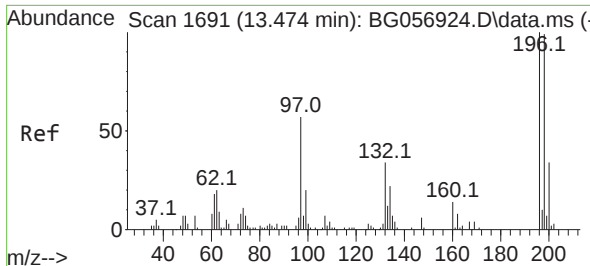


#42
2,4,6-Tribromophenol
Concen: 117.763 ng
RT: 16.508 min Scan# 2208
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17



Tgt Ion: 330 Resp: 88506
Ion Ratio Lower Upper
330 100
332 96.2 76.1 114.1
141 31.1 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 50.858 ng
RT: 13.471 min Scan# 1691
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

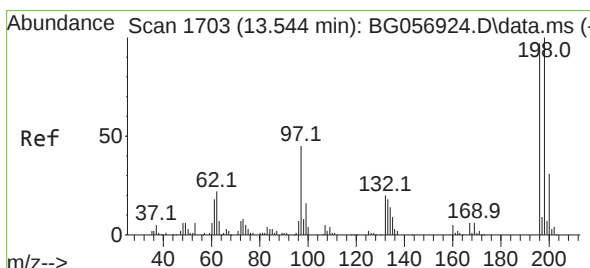
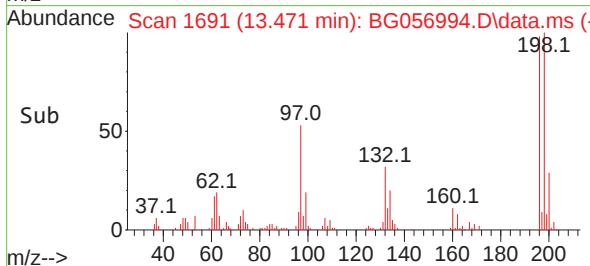
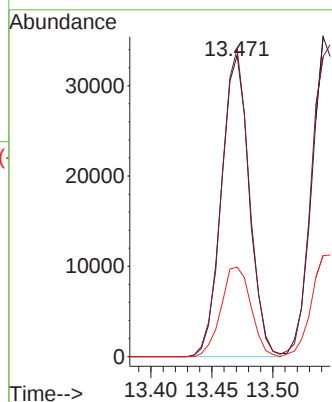
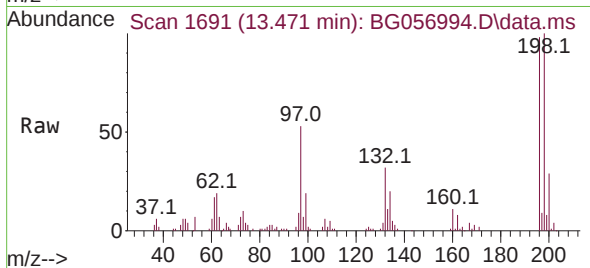
B-30-SB02MS

Tgt Ion:196 Resp: 52946
Ion Ratio Lower Upper
196 100
198 102.2 79.1 118.7
200 29.7 27.2 40.8

Manual Integrations

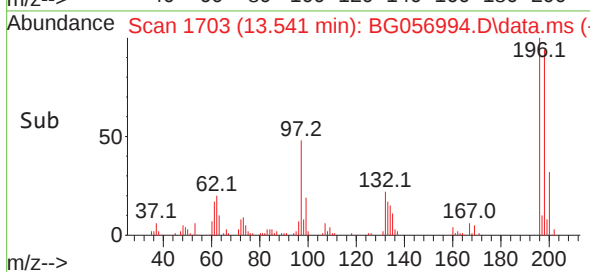
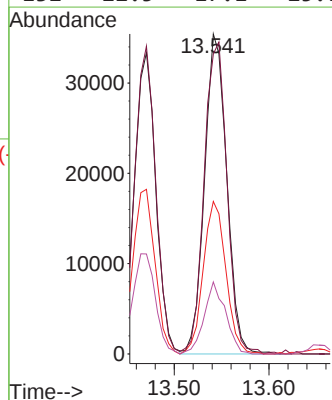
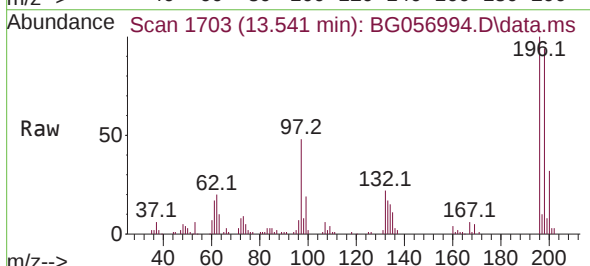
APPROVED

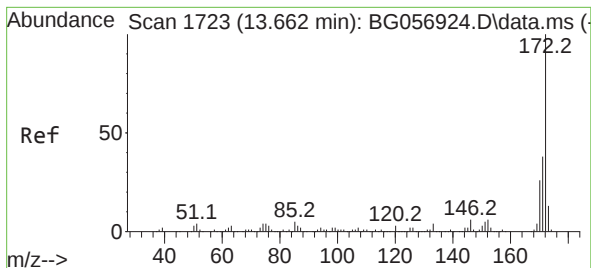
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#44
2,4,5-Trichlorophenol
Concen: 46.857 ng
RT: 13.541 min Scan# 1703
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Tgt Ion:196 Resp: 57788
Ion Ratio Lower Upper
196 100
198 93.7 82.5 123.7
97 47.7 37.0 55.6
132 22.5 17.1 25.7





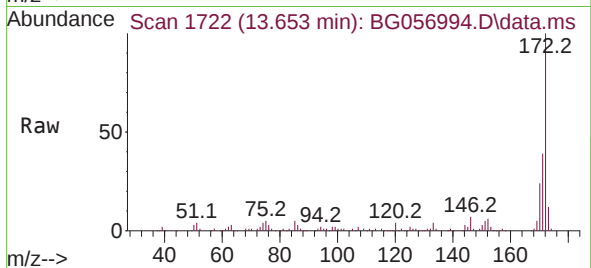
#45
2-Fluorobiphenyl
Concen: 69.543 ng
RT: 13.653 min Scan# 1722
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

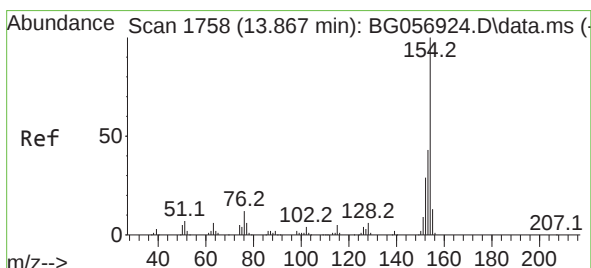
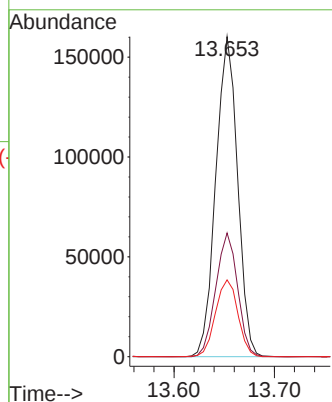
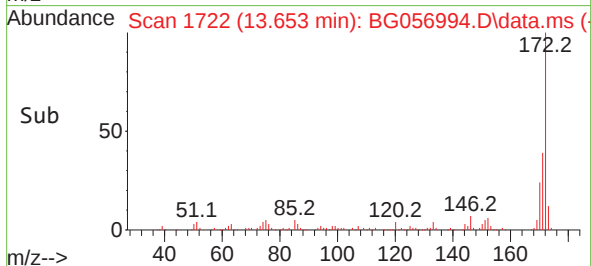


Tgt Ion:172 Resp: 241269
Ion Ratio Lower Upper
172 100
171 38.6 30.6 46.0
170 24.0 20.6 30.8

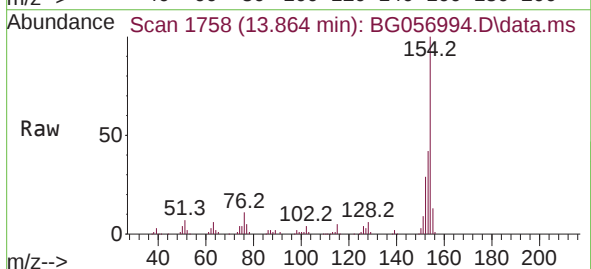
Manual Integrations

APPROVED

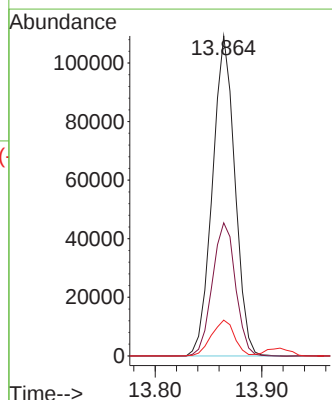
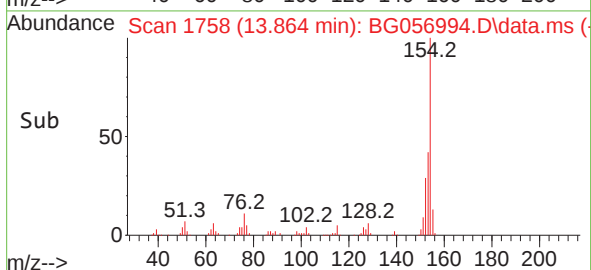
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

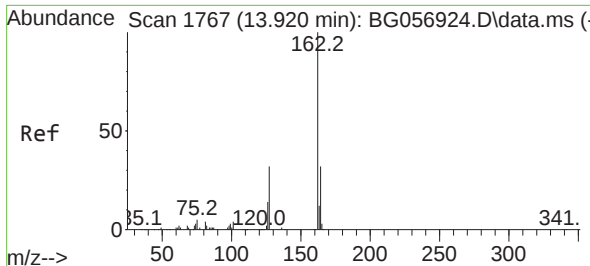


#46
1,1'-Biphenyl
Concen: 46.484 ng
RT: 13.864 min Scan# 1758
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17



Tgt Ion:154 Resp: 160084
Ion Ratio Lower Upper
154 100
153 41.6 23.4 63.4
76 11.2 0.0 31.6





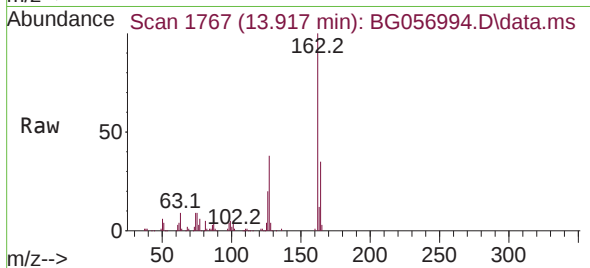
#47
2-Chloronaphthalene
Concen: 47.788 ng
RT: 13.917 min Scan# 1767
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

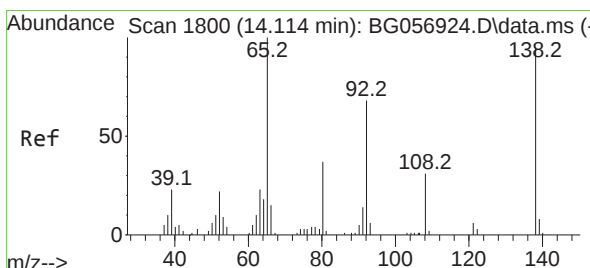
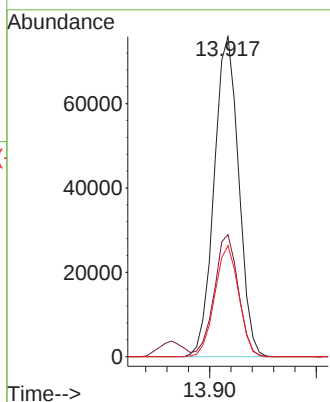
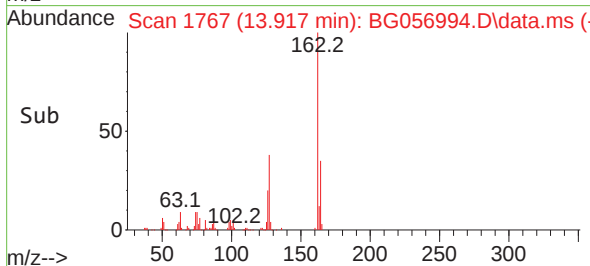


Tgt Ion:162 Resp: 121719
Ion Ratio Lower Upper
162 100
127 38.1 29.5 44.3
164 34.7 25.5 38.3

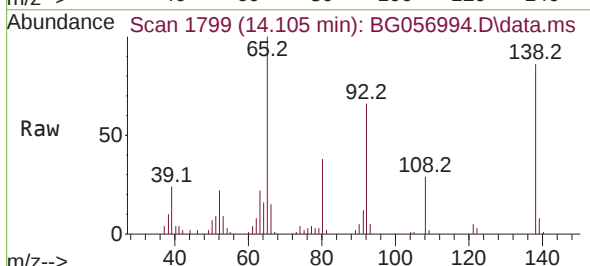
Manual Integrations

APPROVED

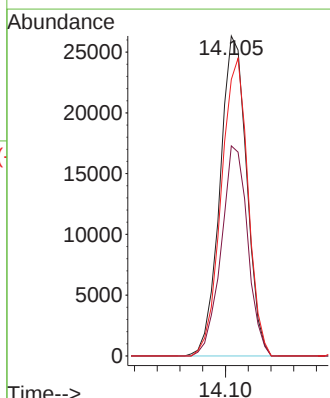
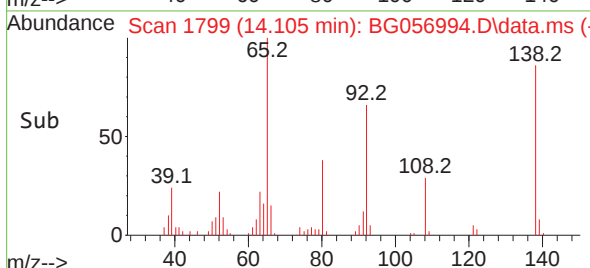
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

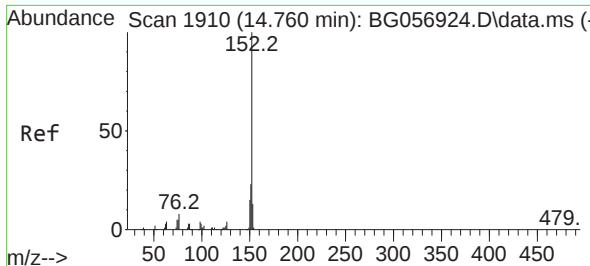


#48
2-Nitroaniline
Concen: 47.071 ng
RT: 14.105 min Scan# 1799
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17



Tgt Ion: 65 Resp: 42870
Ion Ratio Lower Upper
65 100
92 65.6 54.3 81.5
138 86.4 76.0 114.0





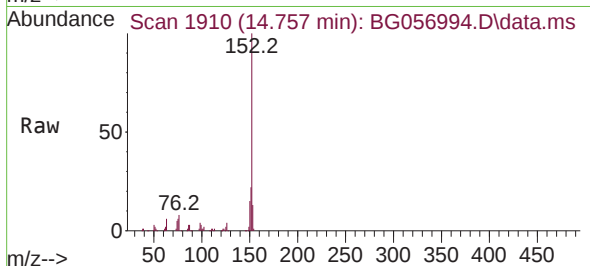
#49
Acenaphthylene
Concen: 45.386 ng
RT: 14.757 min Scan# 1910
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

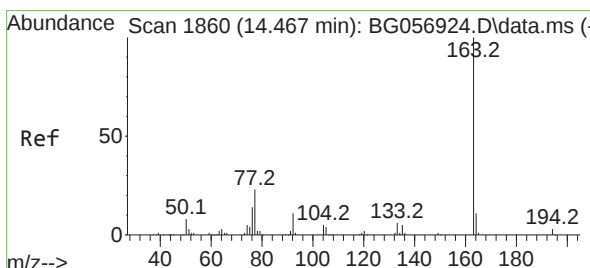
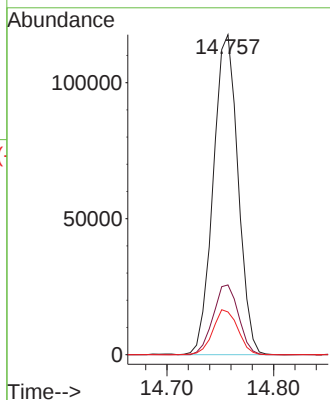
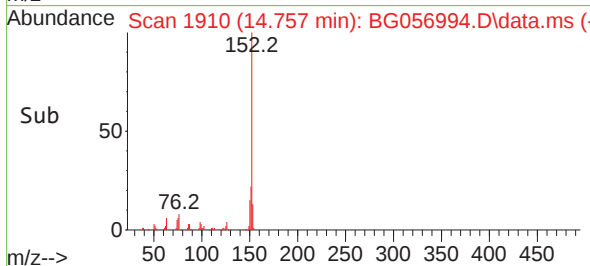


Tgt Ion:152 Resp: 189931
Ion Ratio Lower Upper
152 100
151 21.8 18.2 27.2
153 13.3 10.5 15.7

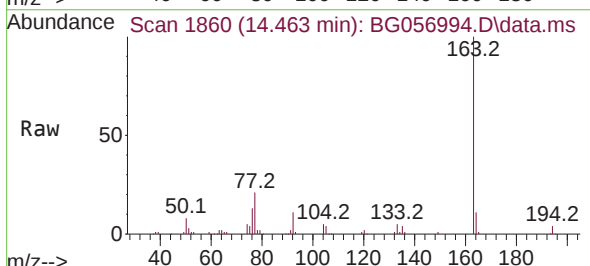
Manual Integrations

APPROVED

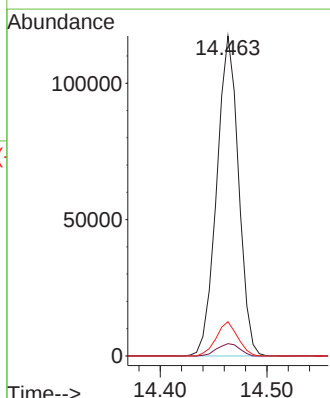
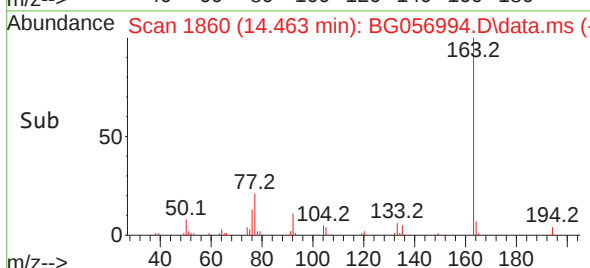
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

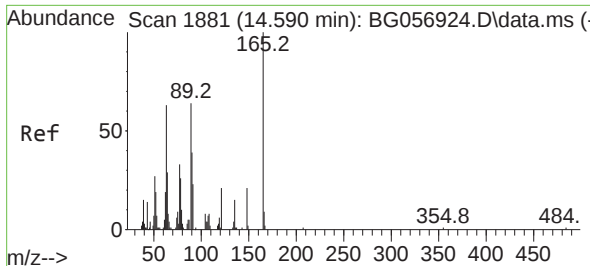


#50
Dimethylphthalate
Concen: 45.062 ng
RT: 14.463 min Scan# 1860
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17



Tgt Ion:163 Resp: 167038
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.7 8.8 13.2





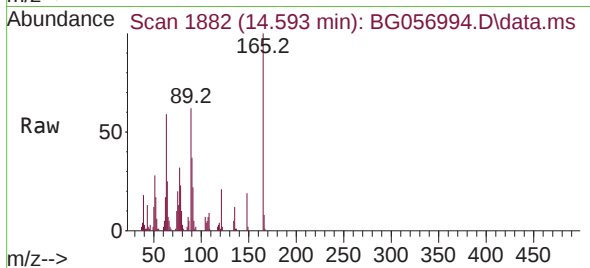
#51
2,6-Dinitrotoluene
Concen: 46.231 ng
RT: 14.593 min Scan# 1881
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

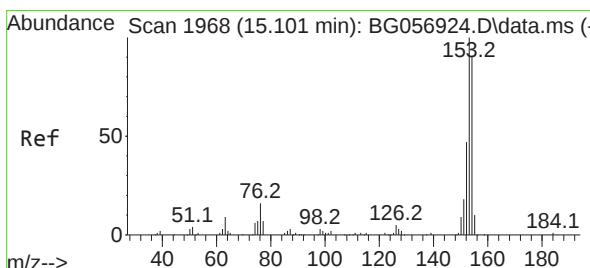
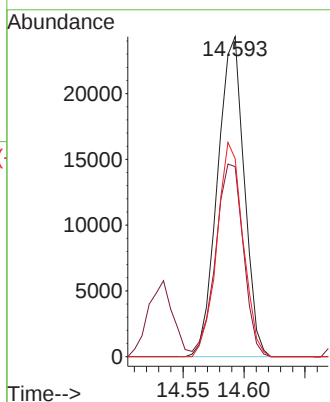
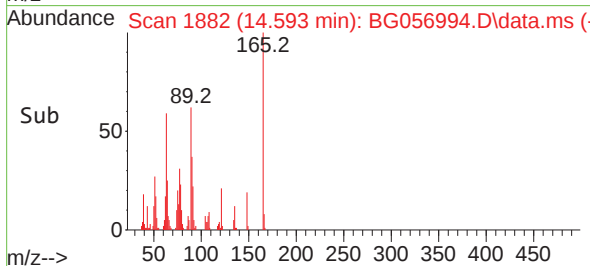


Tgt Ion:165 Resp: 37026
Ion Ratio Lower Upper
165 100
63 59.4 53.0 79.6
89 61.9 51.0 76.4

Manual Integrations

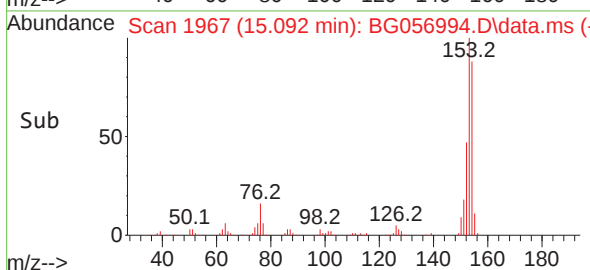
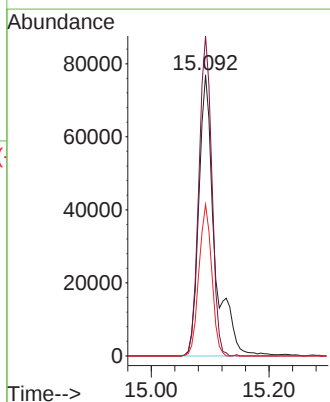
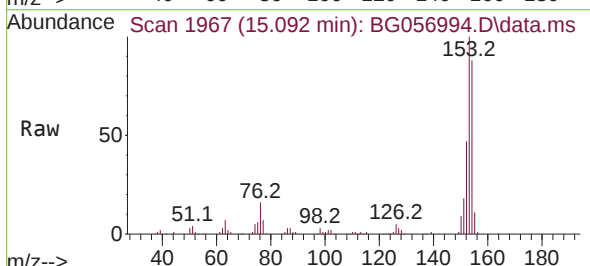
APPROVED

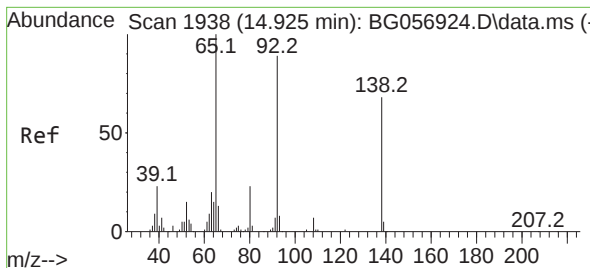
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#52
Acenaphthene
Concen: 50.116 ng
RT: 15.092 min Scan# 1967
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Tgt Ion:154 Resp: 144644
Ion Ratio Lower Upper
154 100
153 113.8 88.9 133.3
152 53.8 41.8 62.8





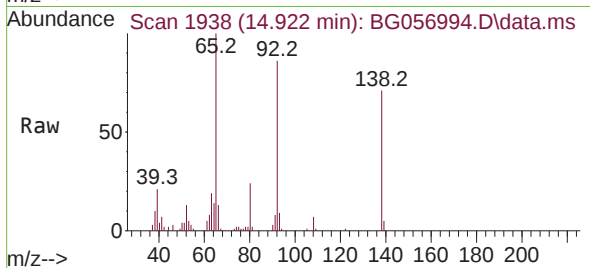
#53
3-Nitroaniline
Concen: 31.881 ng
RT: 14.922 min Scan# 1938
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

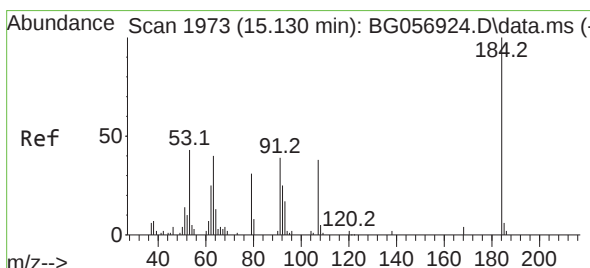
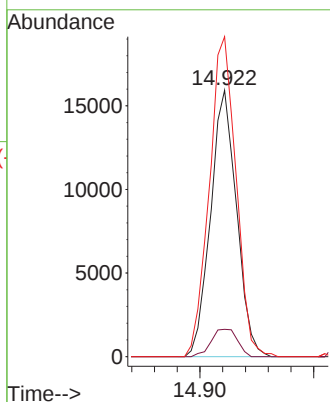
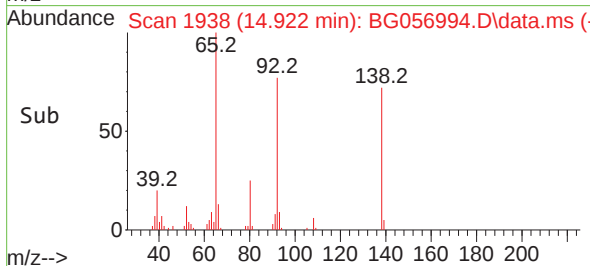


Tgt Ion:138 Resp: 25273
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.2
92 120.2 105.2 157.8

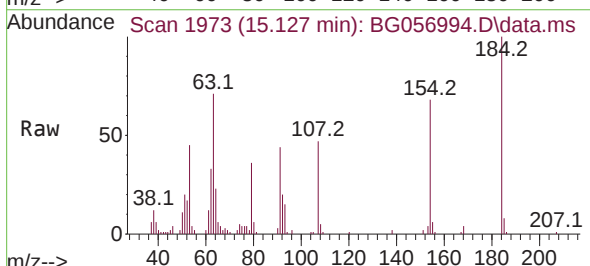
Manual Integrations

APPROVED

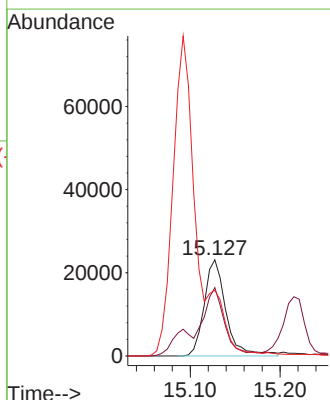
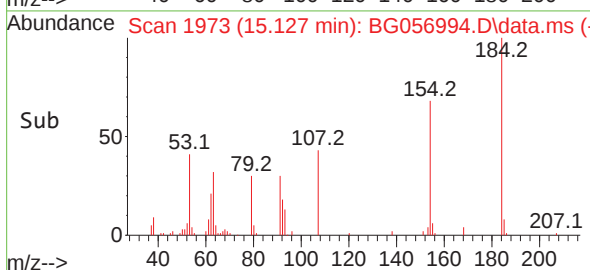
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

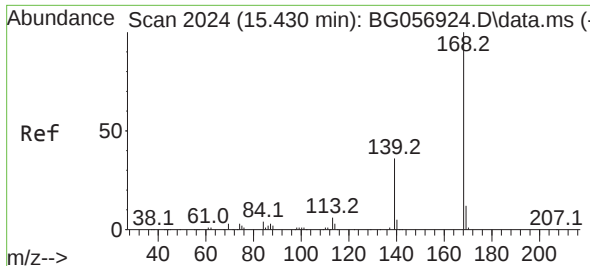


#54
2,4-Dinitrophenol
Concen: 86.339 ng
RT: 15.127 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17



Tgt Ion:184 Resp: 38921
Ion Ratio Lower Upper
184 100
63 71.0 46.5 69.7#
154 68.4 53.5 80.3





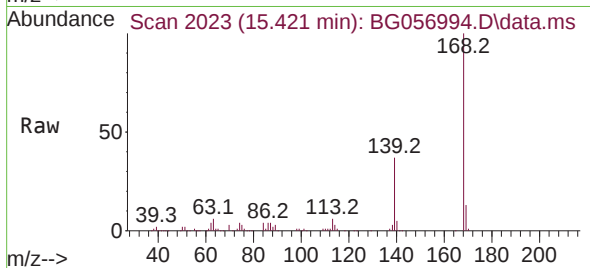
#55
Dibenzofuran
Concen: 45.673 ng
RT: 15.421 min Scan# 2024
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

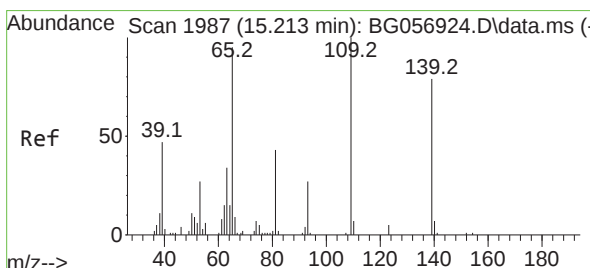
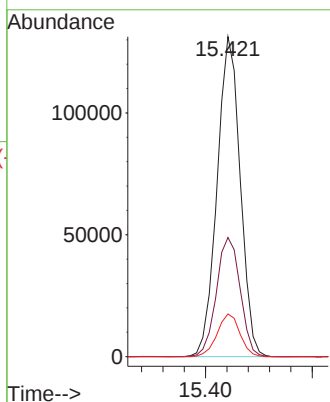
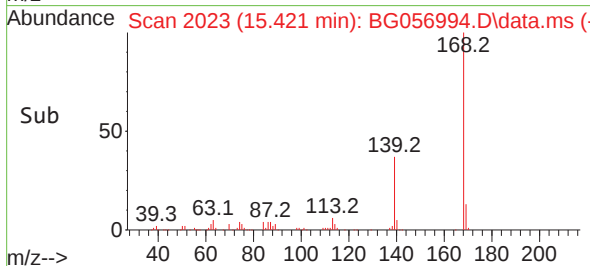


Tgt Ion:168 Resp: 19784
Ion Ratio Lower Upper
168 100
139 37.2 28.9 43.3
169 13.3 9.8 14.6

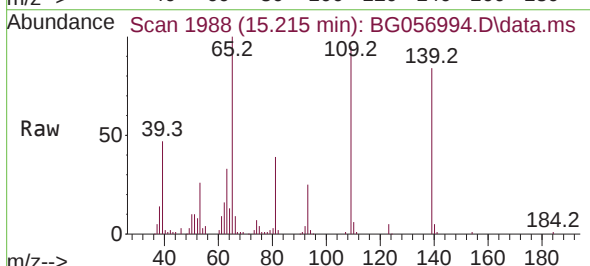
Manual Integrations

APPROVED

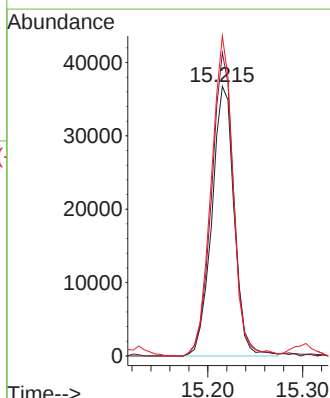
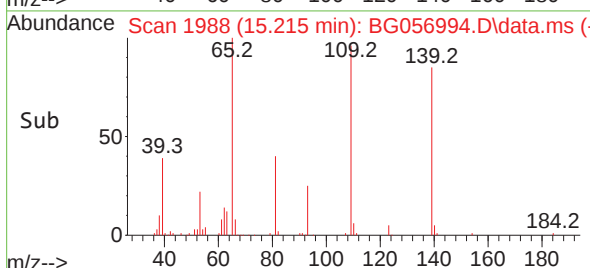
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

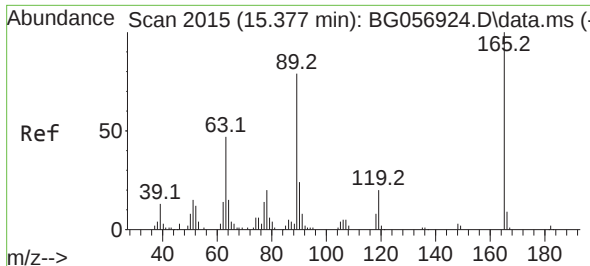


#56
4-Nitrophenol
Concen: 102.091 ng
RT: 15.215 min Scan# 1988
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17



Tgt Ion:139 Resp: 59846
Ion Ratio Lower Upper
139 100
109 112.5 106.7 146.7
65 118.7 100.5 140.5





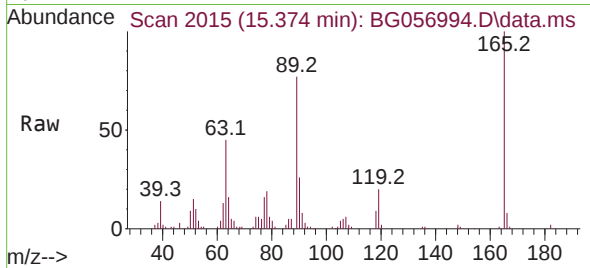
#57
2,4-Dinitrotoluene
Concen: 46.160 ng
RT: 15.374 min Scan# 2015
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

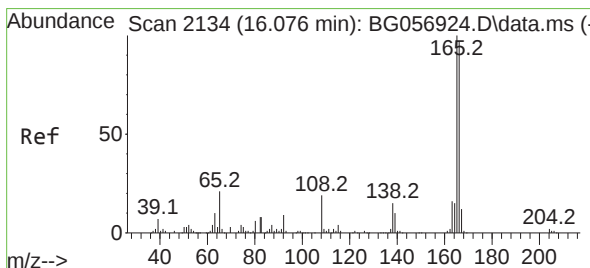
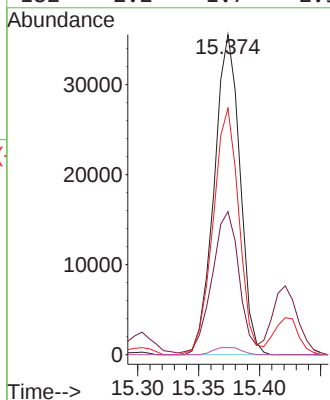
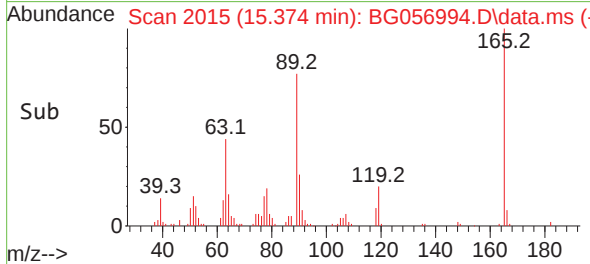


Tgt Ion:165 Resp: 52141
Ion Ratio Lower Upper
165 100
63 44.7 37.7 56.5
89 77.0 63.2 94.8
182 2.2 1.7 2.5

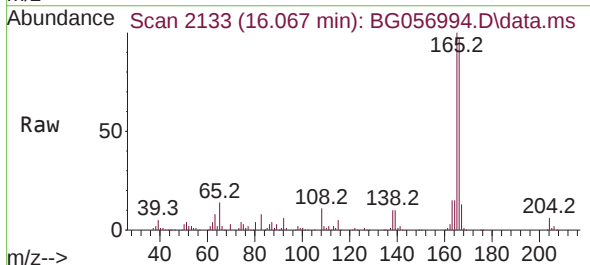
Manual Integrations

APPROVED

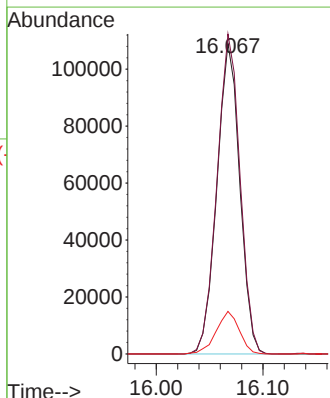
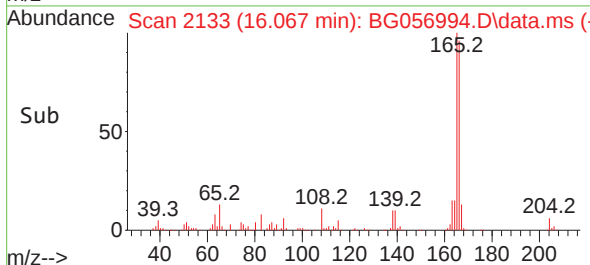
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

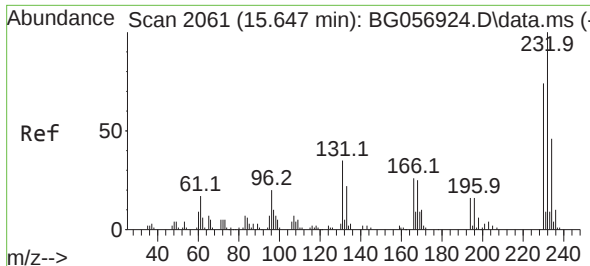


#58
Fluorene
Concen: 45.289 ng
RT: 16.067 min Scan# 2133
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17



Tgt Ion:166 Resp: 162341
Ion Ratio Lower Upper
166 100
165 103.1 82.6 123.8
167 13.7 10.2 15.2





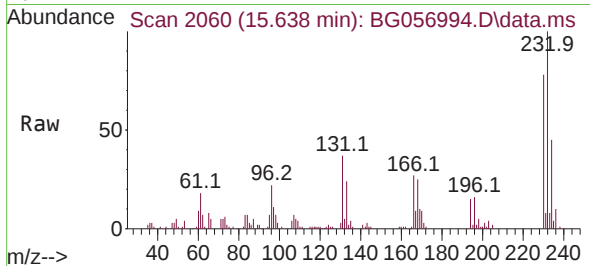
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.123 ng
RT: 15.638 min Scan# 2060
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

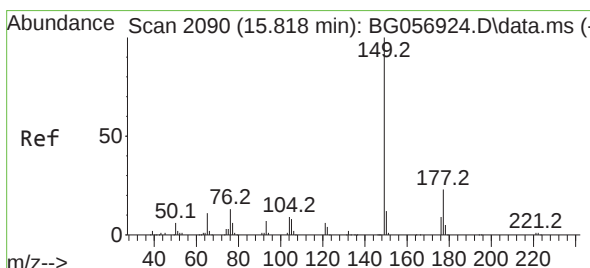
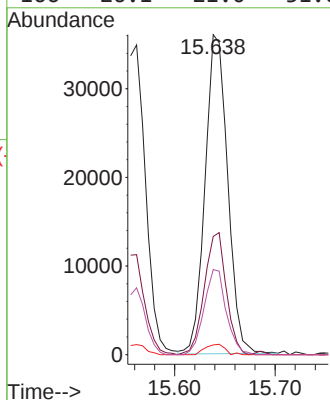
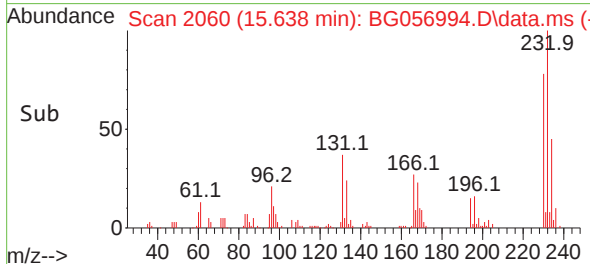


Tgt Ion:232 Resp: 56284
Ion Ratio Lower Upper
232 100
131 37.0 29.3 43.9
130 2.9 1.7 2.5
166 26.1 21.0 31.6

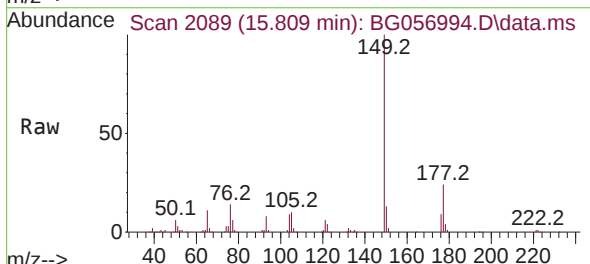
Manual Integrations

APPROVED

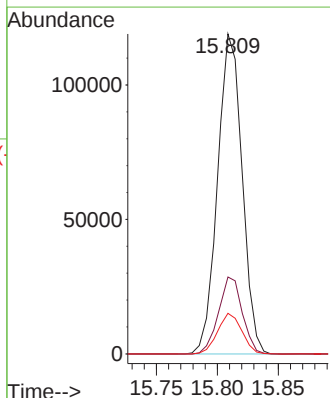
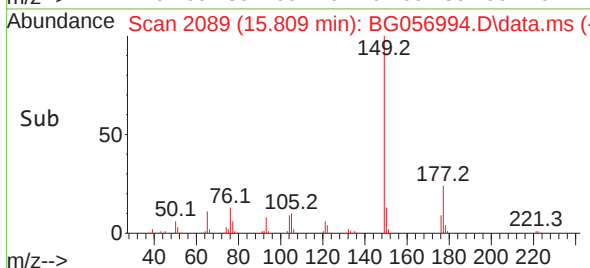
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

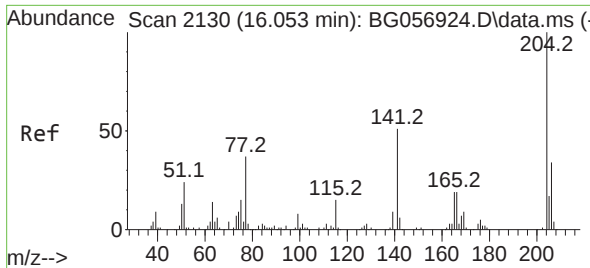


#60
Diethylphthalate
Concen: 44.775 ng
RT: 15.809 min Scan# 2089
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17



Tgt Ion:149 Resp: 166388
Ion Ratio Lower Upper
149 100
177 24.0 18.8 28.2
150 12.7 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 45.609 ng
RT: 16.050 min Scan# 2130
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

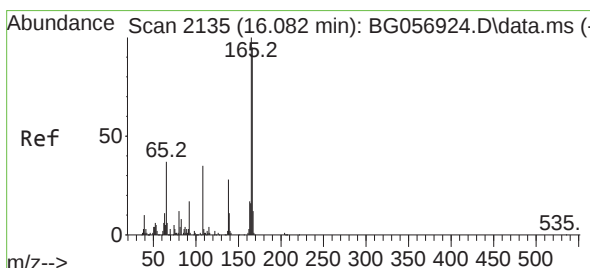
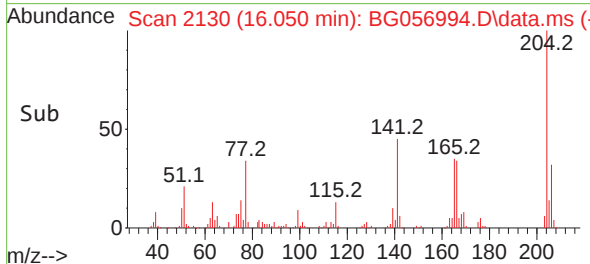
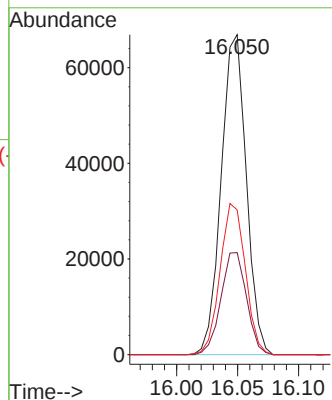
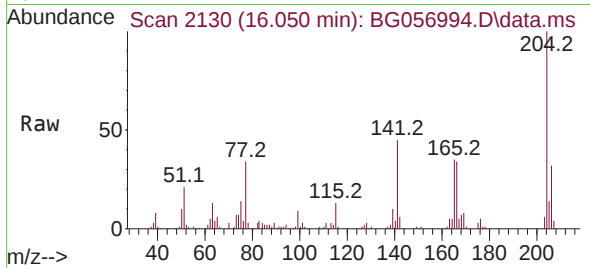
B-30-SB02MS

Tgt Ion:204 Resp: 95988
Ion Ratio Lower Upper
204 100
206 31.9 27.2 40.8
141 45.2 40.7 61.1

Manual Integrations

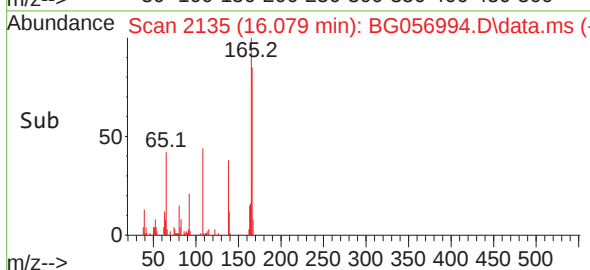
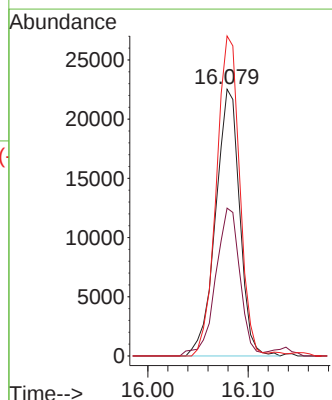
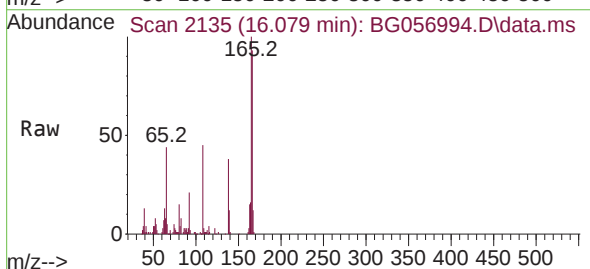
APPROVED

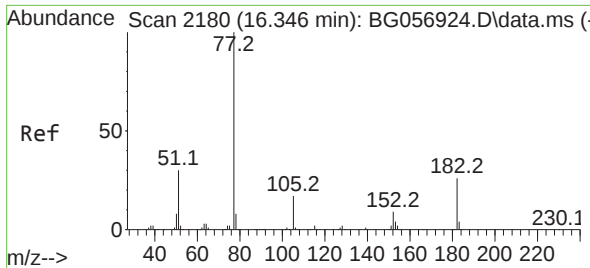
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#62
4-Nitroaniline
Concen: 45.669 ng
RT: 16.079 min Scan# 2135
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Tgt Ion:138 Resp: 37510
Ion Ratio Lower Upper
138 100
92 55.4 40.9 80.9
108 120.0 104.3 144.3





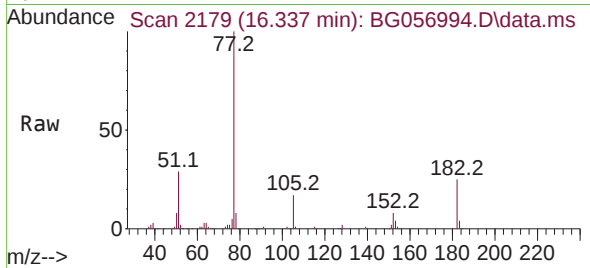
#63
Azobenzene
Concen: 44.752 ng
RT: 16.337 min Scan# 2180
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

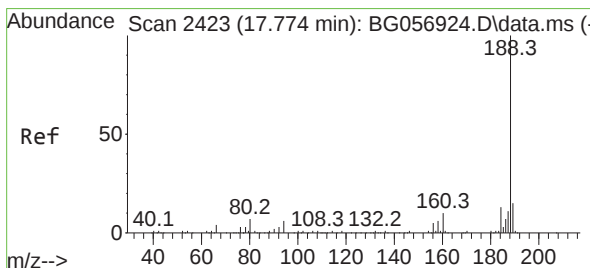
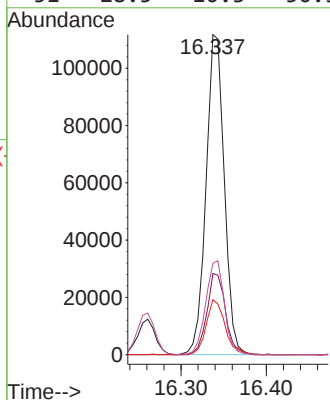
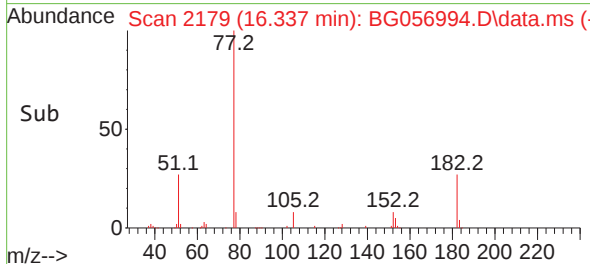


Tgt Ion: 77 Resp: 165732
Ion Ratio Lower Upper
77 100
182 25.3 5.9 45.9
105 17.2 0.0 36.8
51 28.5 10.3 50.3

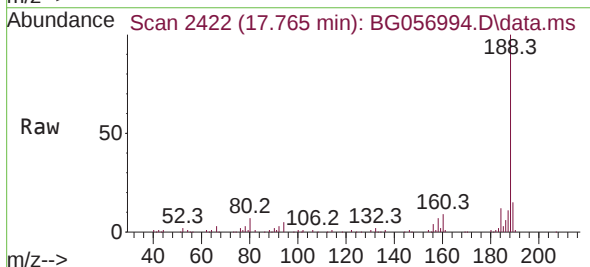
Manual Integrations

APPROVED

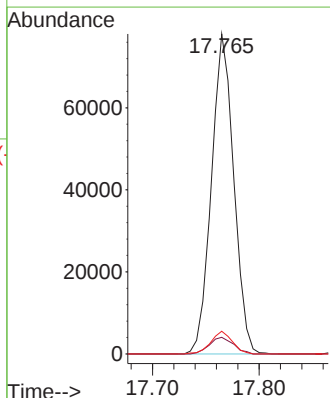
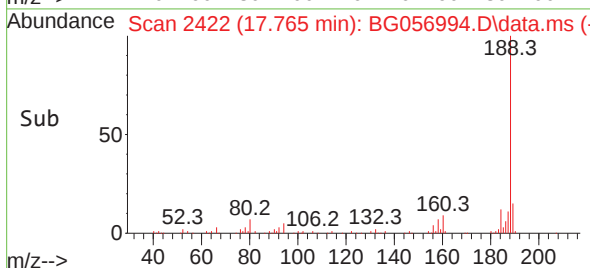
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

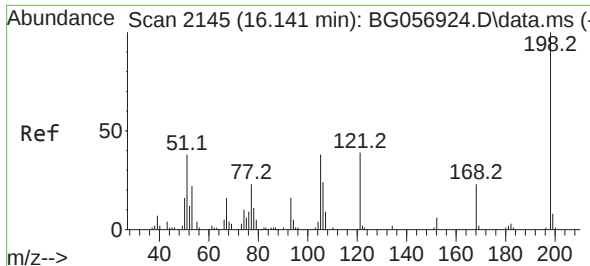


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.765 min Scan# 2422
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17



Tgt Ion:188 Resp: 113641
Ion Ratio Lower Upper
188 100
94 5.2 4.6 6.8
80 7.1 5.5 8.3





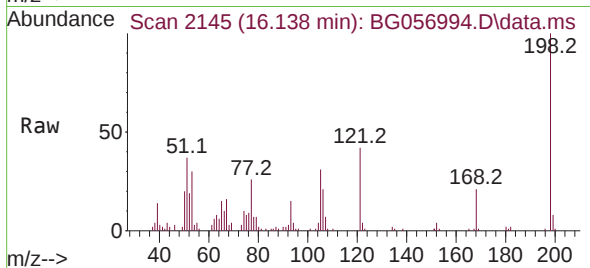
#65
4,6-Dinitro-2-methylphenol
Concen: 49.452 ng
RT: 16.138 min Scan# 2145
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

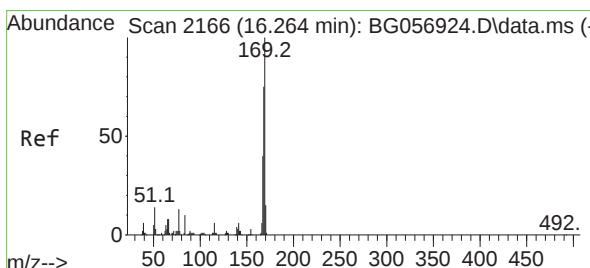
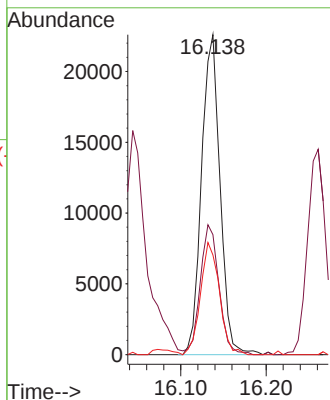
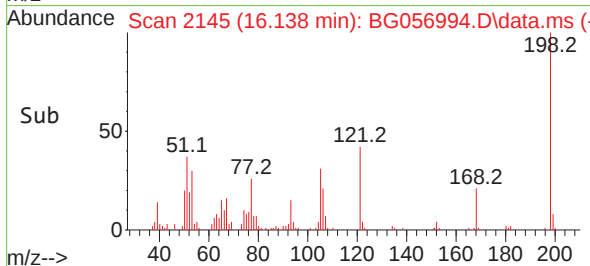


Tgt Ion:198 Resp: 34036
Ion Ratio Lower Upper
198 100
51 37.5 20.5 60.5
105 31.1 18.1 58.1

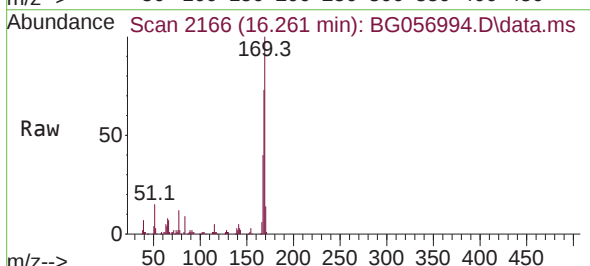
Manual Integrations

APPROVED

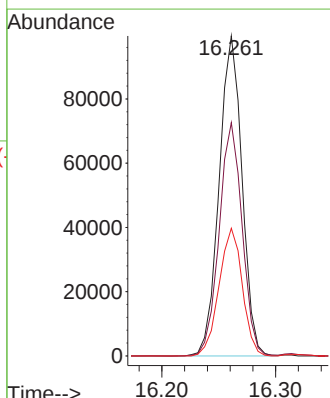
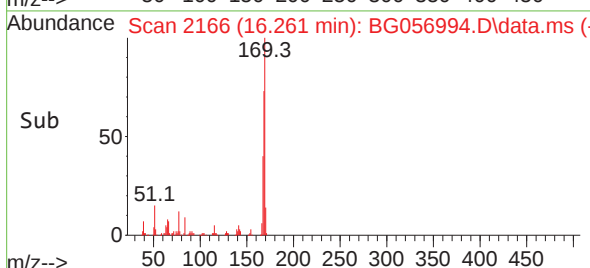
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

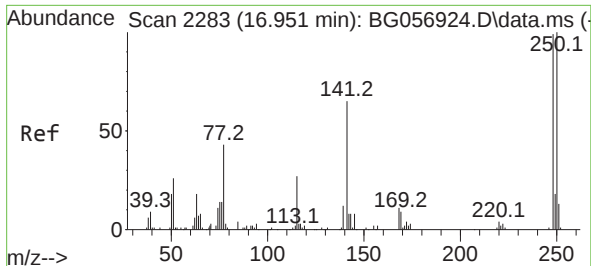


#66
n-Nitrosodiphenylamine
Concen: 45.587 ng
RT: 16.261 min Scan# 2166
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17



Tgt Ion:169 Resp: 139067
Ion Ratio Lower Upper
169 100
168 72.9 59.6 89.4
167 39.9 31.8 47.8





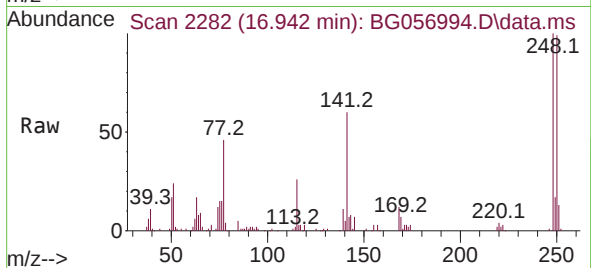
#67
4-Bromophenyl-phenylether
Concen: 45.358 ng
RT: 16.942 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

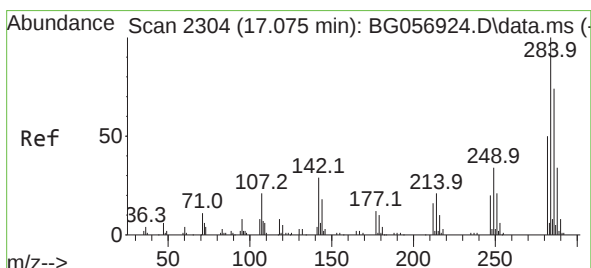
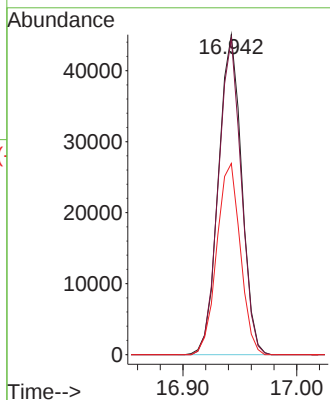
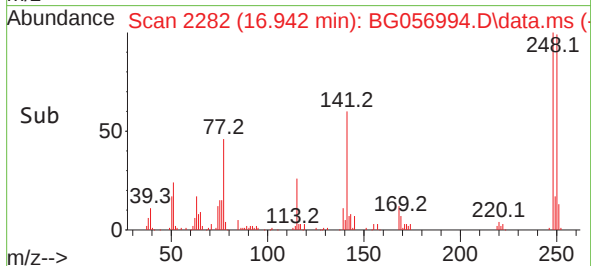


Tgt Ion:248 Resp: 63778
Ion Ratio Lower Upper
248 100
250 98.9 80.5 120.7
141 59.7 52.0 78.0

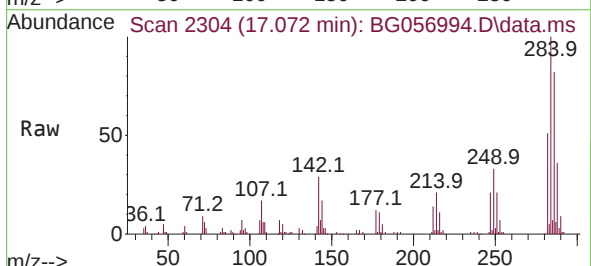
Manual Integrations

APPROVED

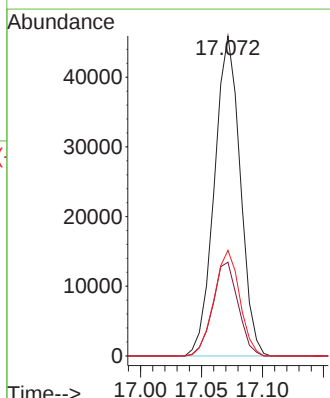
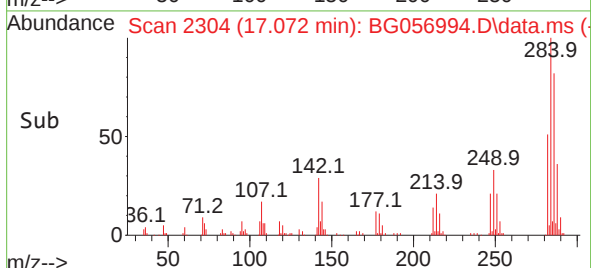
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

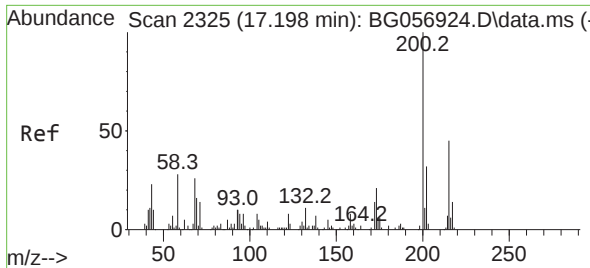


#68
Hexachlorobenzene
Concen: 48.628 ng
RT: 17.072 min Scan# 2304
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17



Tgt Ion:284 Resp: 67600
Ion Ratio Lower Upper
284 100
142 29.3 23.0 34.4
249 33.0 27.1 40.7





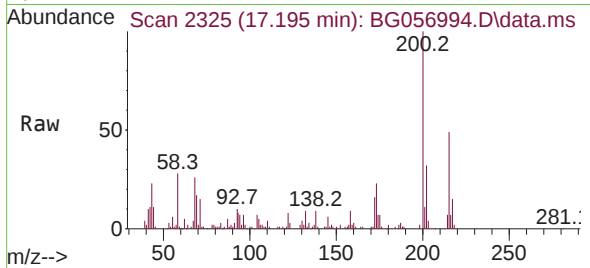
#69
 Atrazine
 Concen: 47.209 ng
 RT: 17.195 min Scan# 2325
 Delta R.T. -0.001 min
 Lab File: BG056994.D
 Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

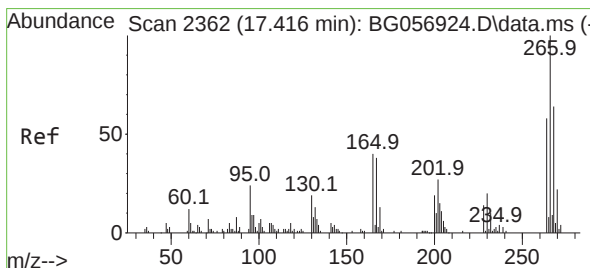
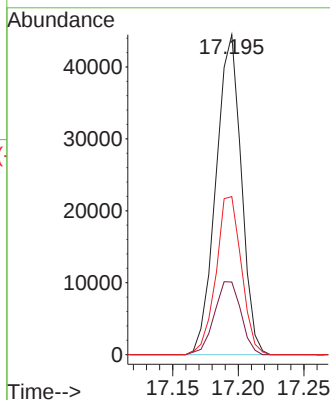
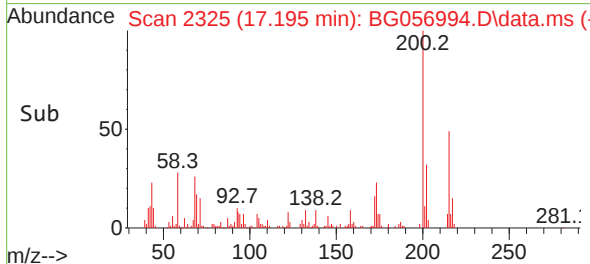


Tgt Ion:200 Resp: 59781
 Ion Ratio Lower Upper
 200 100
 173 22.7 1.0 41.0
 215 49.4 25.0 65.0

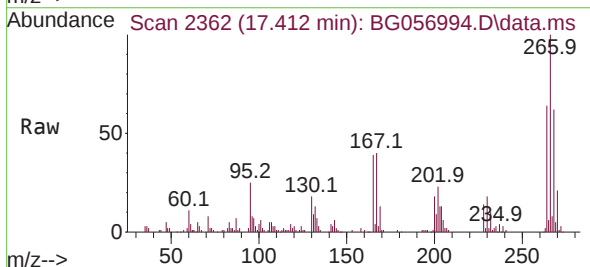
Manual Integrations

APPROVED

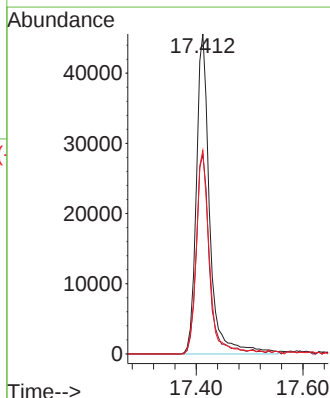
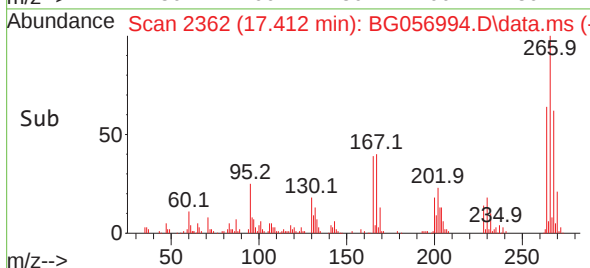
Reviewed By :Christian Giraldo 04/06/2023
 Supervised By :Jagrut Upadhyay 04/06/2023

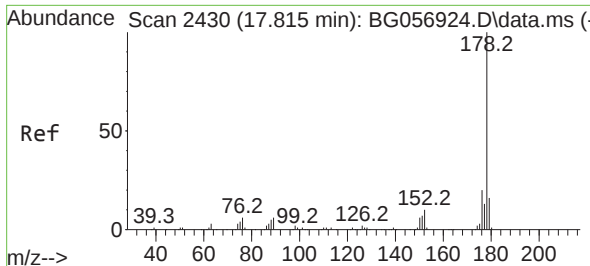


#70
 Pentachlorophenol
 Concen: 79.420 ng
 RT: 17.412 min Scan# 2362
 Delta R.T. -0.001 min
 Lab File: BG056994.D
 Acq: 5 Apr 2023 17:17



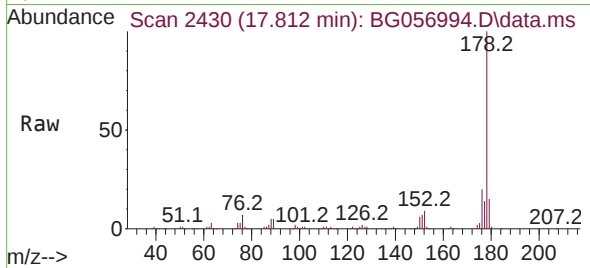
Tgt Ion:266 Resp: 79207
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.0 76.6
 264 63.6 46.8 70.2





#71
Phenanthrene
Concen: 45.511 ng
RT: 17.812 min Scan# 2430
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

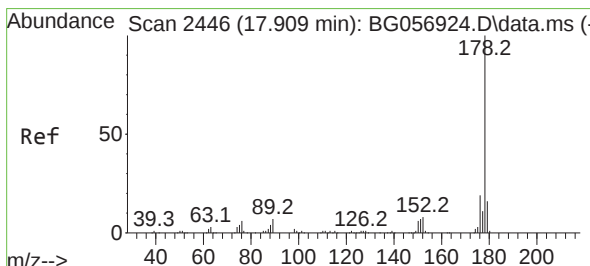
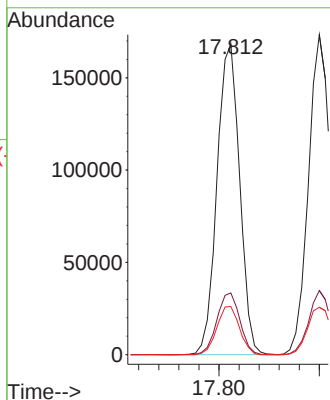
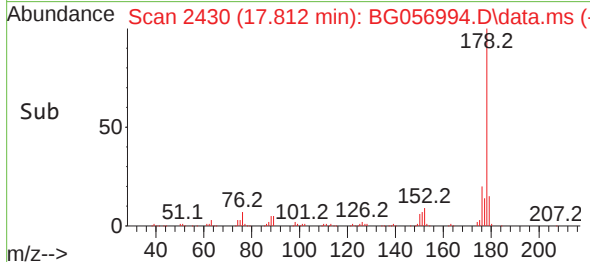
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MS



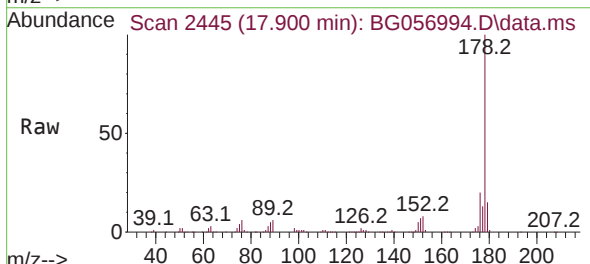
Tgt Ion:178 Resp: 263691
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.2
179 15.5 12.5 18.7

Manual Integrations
APPROVED

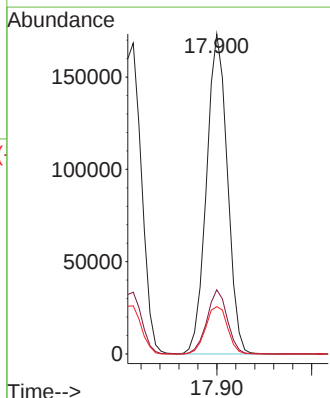
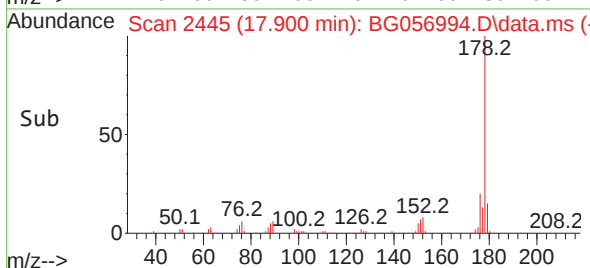
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

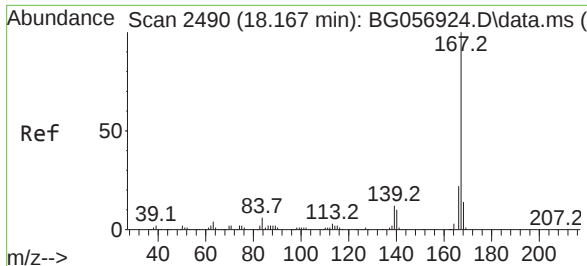


#72
Anthracene
Concen: 44.649 ng
RT: 17.900 min Scan# 2445
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17



Tgt Ion:178 Resp: 265198
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.2
179 14.8 12.4 18.6





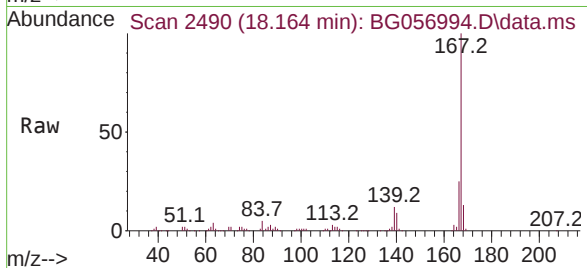
#73
 Carbazole
 Concen: 44.531 ng
 RT: 18.164 min Scan# 2490
 Delta R.T. -0.001 min
 Lab File: BG056994.D
 Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

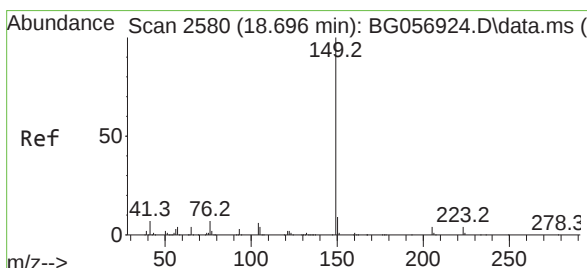
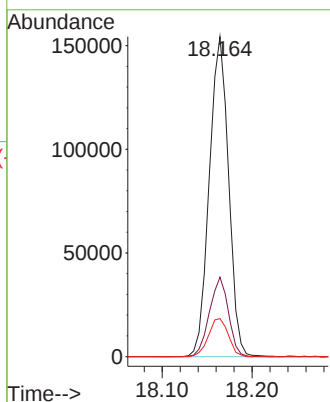
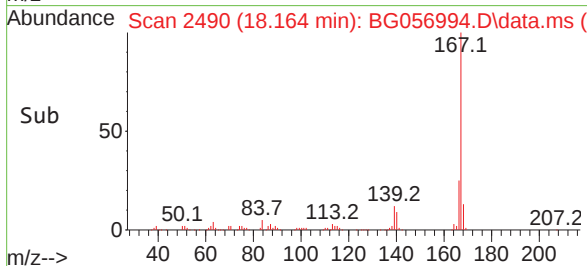


Tgt Ion:167 Resp: 230607
 Ion Ratio Lower Upper
 167 100
 166 24.8 17.9 26.9
 139 11.9 9.5 14.3

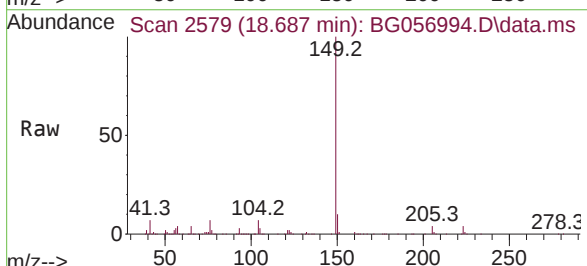
Manual Integrations

APPROVED

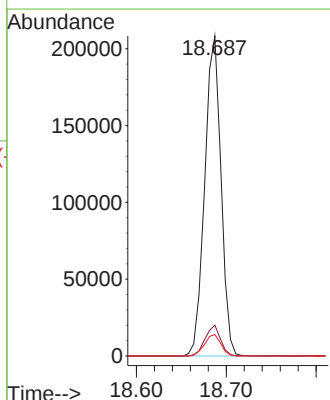
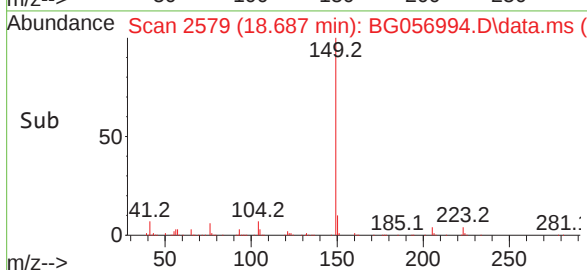
Reviewed By :Christian Giraldo 04/06/2023
 Supervised By :Jagrut Upadhyay 04/06/2023

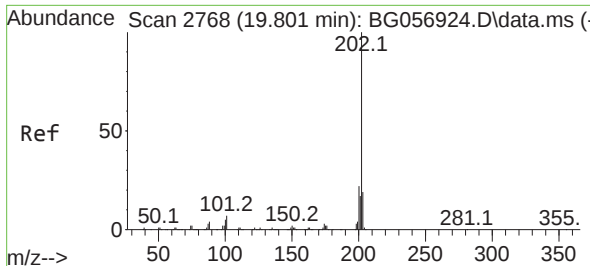


#74
 Di-n-butylphthalate
 Concen: 43.829 ng
 RT: 18.687 min Scan# 2579
 Delta R.T. -0.001 min
 Lab File: BG056994.D
 Acq: 5 Apr 2023 17:17



Tgt Ion:149 Resp: 262828
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.0
 104 6.7 4.9 7.3





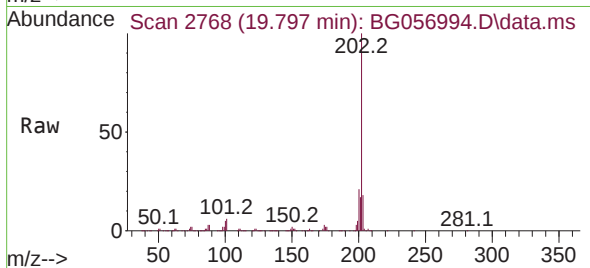
#75
Fluoranthene
Concen: 40.150 ng
RT: 19.797 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

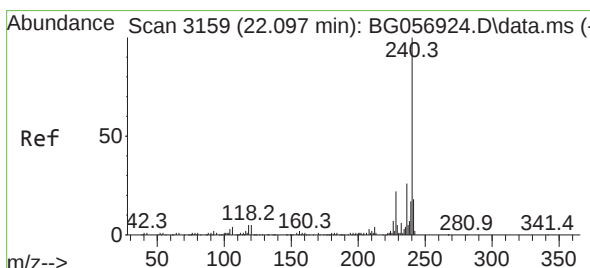
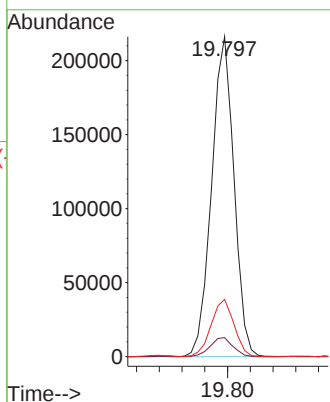
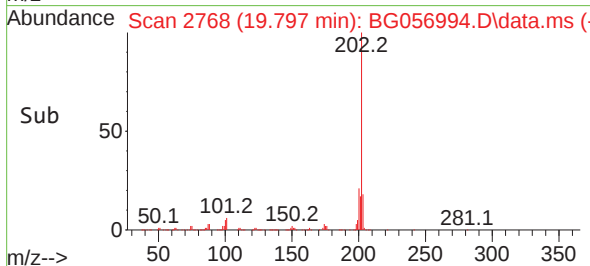


Tgt Ion:202 Resp: 294889
Ion Ratio Lower Upper
202 100
101 5.9 0.0 26.7
203 17.9 0.0 39.0

Manual Integrations

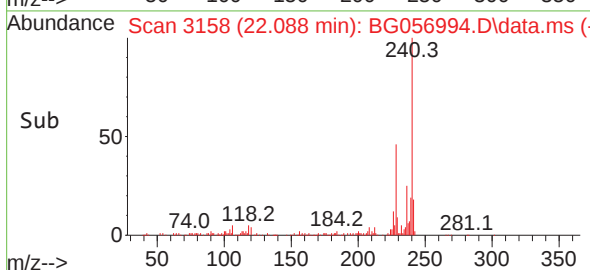
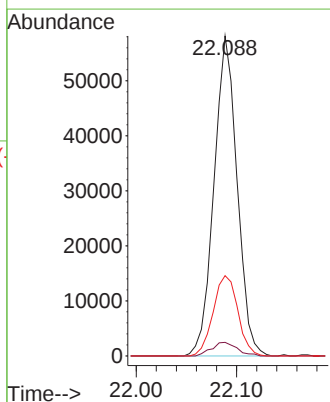
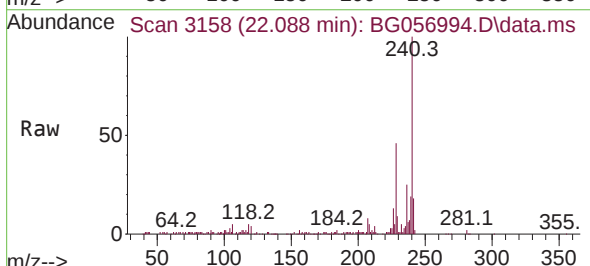
APPROVED

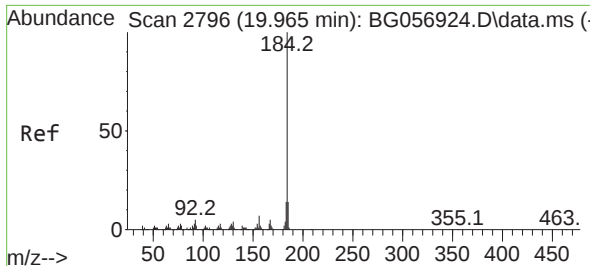
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.088 min Scan# 3158
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Tgt Ion:240 Resp: 92850
Ion Ratio Lower Upper
240 100
120 4.2 3.8 5.6
236 25.1 21.0 31.6





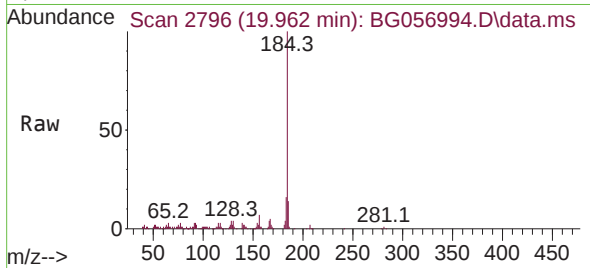
#77
Benzidine
Concen: 44.531 ng
RT: 19.962 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

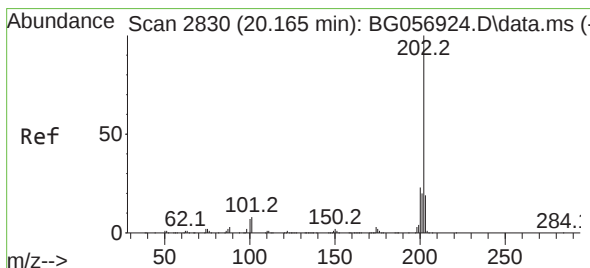
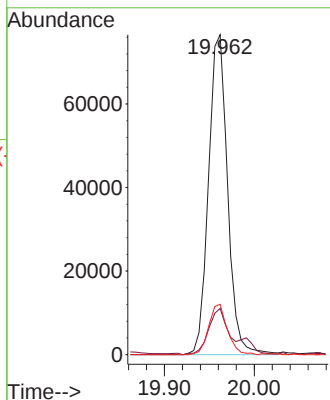
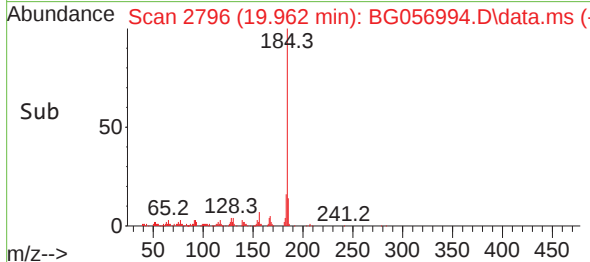


Tgt Ion:184 Resp: 113016
Ion Ratio Lower Upper
184 100
185 14.4 11.0 16.4
183 15.7 11.4 17.0

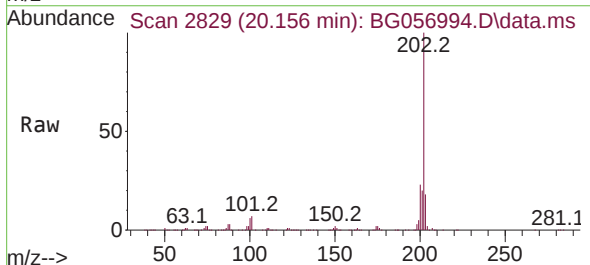
Manual Integrations

APPROVED

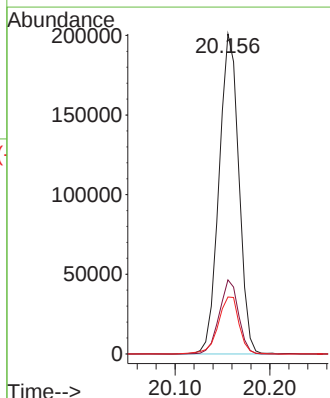
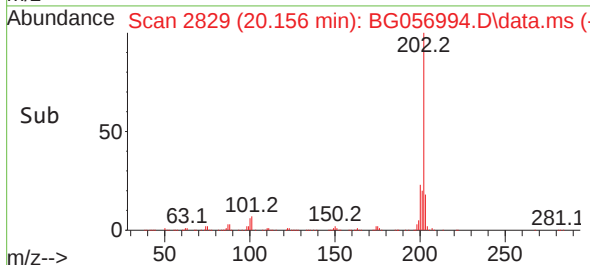
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

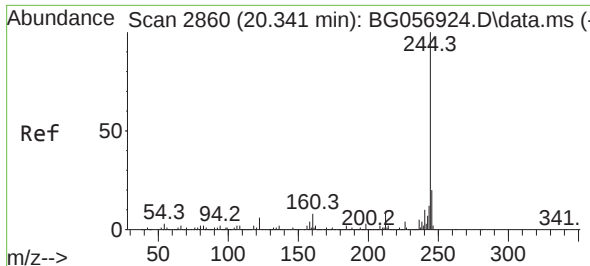


#78
Pyrene
Concen: 45.265 ng
RT: 20.156 min Scan# 2829
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17



Tgt Ion:202 Resp: 290692
Ion Ratio Lower Upper
202 100
200 23.1 18.7 28.1
203 17.8 15.4 23.2





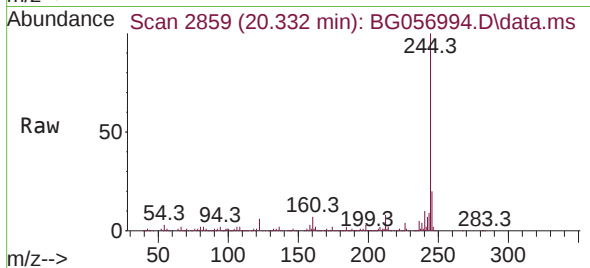
#79
 Terphenyl-d14
 Concen: 71.927 ng
 RT: 20.332 min Scan# 2860
 Delta R.T. -0.007 min
 Lab File: BG056994.D
 Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

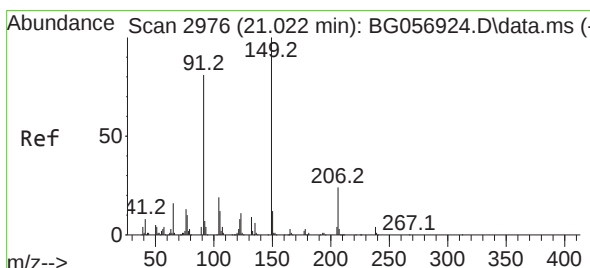
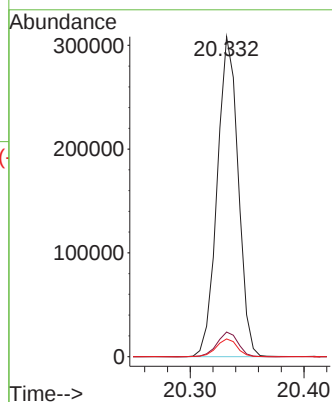
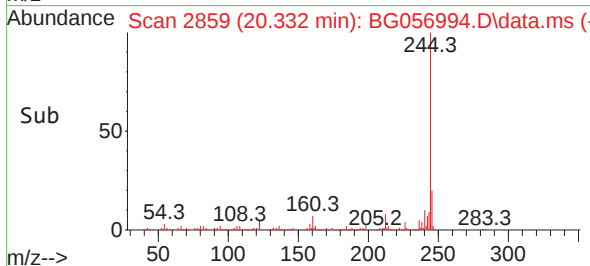


Tgt Ion:244 Resp: 394666
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 5.6 5.0 7.4

Manual Integrations

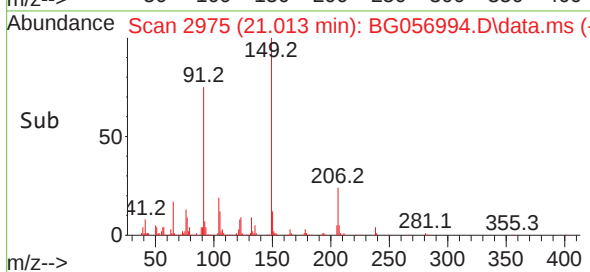
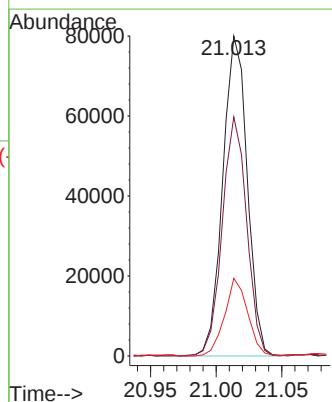
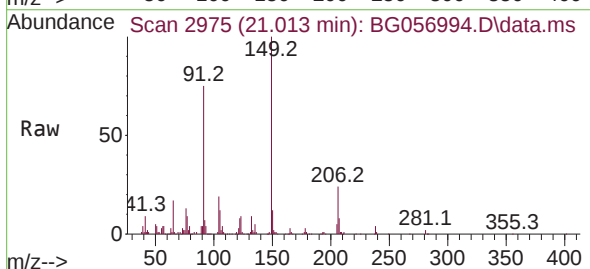
APPROVED

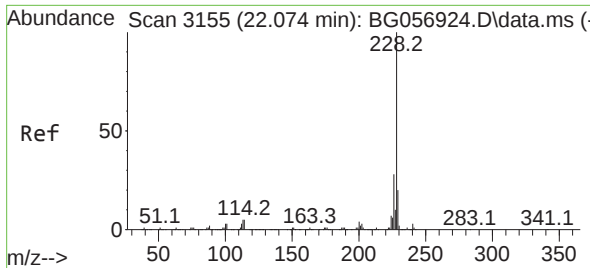
Reviewed By :Christian Giraldo 04/06/2023
 Supervised By :Jagrut Upadhyay 04/06/2023



#80
 Butylbenzylphthalate
 Concen: 47.033 ng
 RT: 21.013 min Scan# 2975
 Delta R.T. -0.001 min
 Lab File: BG056994.D
 Acq: 5 Apr 2023 17:17

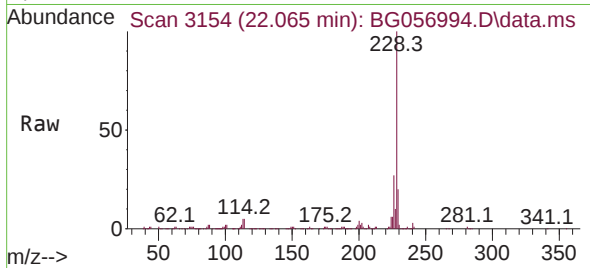
Tgt Ion:149 Resp: 103939
 Ion Ratio Lower Upper
 149 100
 91 74.7 64.4 96.6
 206 24.2 18.9 28.3





#81
Benzo(a)anthracene
Concen: 44.435 ng
RT: 22.065 min Scan# 3155
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

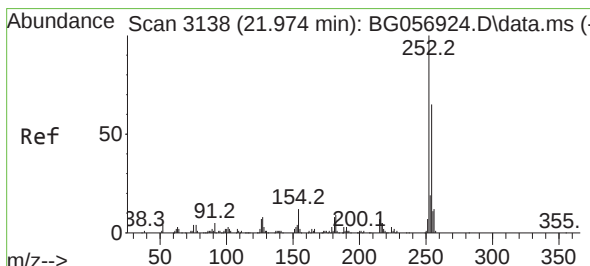
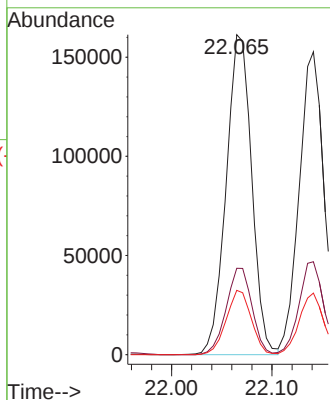
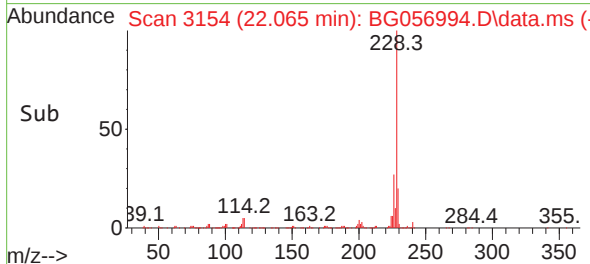
Instrument :
BNA_G
ClientSampleId :
B-30-SB02MS



Tgt Ion:228 Resp: 285504
Ion Ratio Lower Upper
228 100
226 27.0 22.1 33.1
229 20.1 16.1 24.1

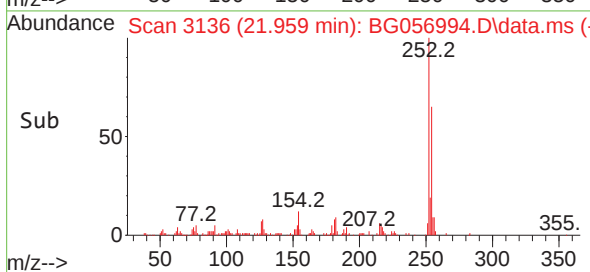
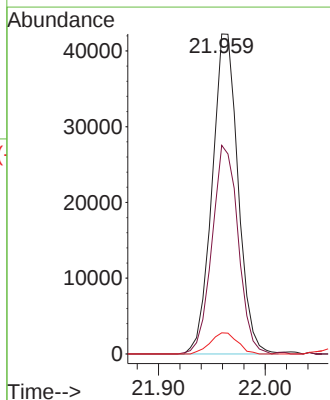
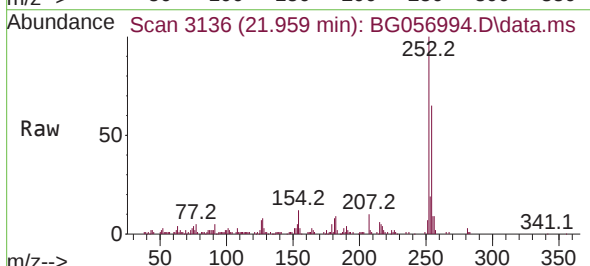
Manual Integrations
APPROVED

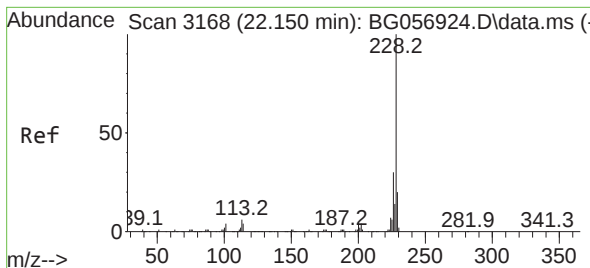
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#82
3,3'-Dichlorobenzidine
Concen: 32.893 ng
RT: 21.959 min Scan# 3136
Delta R.T. -0.007 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Tgt Ion:252 Resp: 71367
Ion Ratio Lower Upper
252 100
254 65.2 51.7 77.5
126 6.6 5.6 8.4





#83

Chrysene

Concen: 43.412 ng

RT: 22.141 min Scan# 3168

Delta R.T. -0.001 min

Lab File: BG056994.D

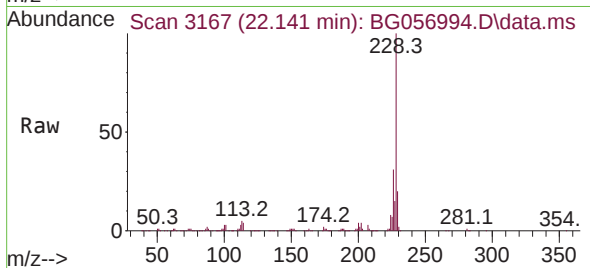
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS



Tgt Ion:228 Resp: 261166

Ion Ratio Lower Upper

228 100

226 30.7 24.1 36.1

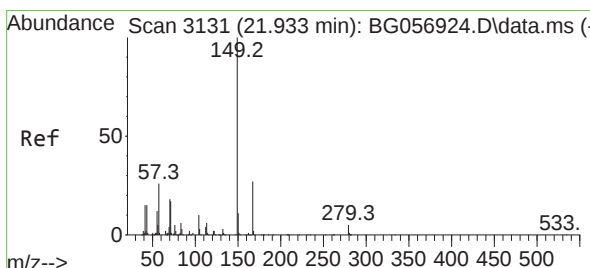
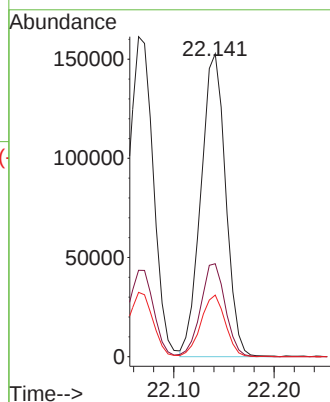
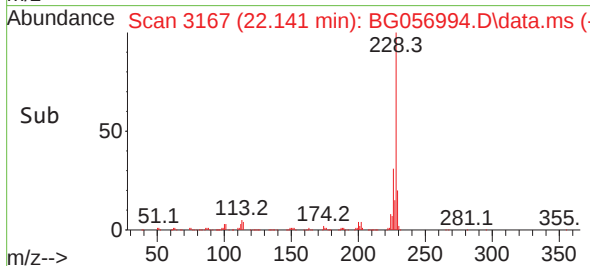
229 20.3 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/06/2023

Supervised By :Jagrut Upadhyay 04/06/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.764 ng

RT: 21.918 min Scan# 3129

Delta R.T. -0.007 min

Lab File: BG056994.D

Acq: 5 Apr 2023 17:17

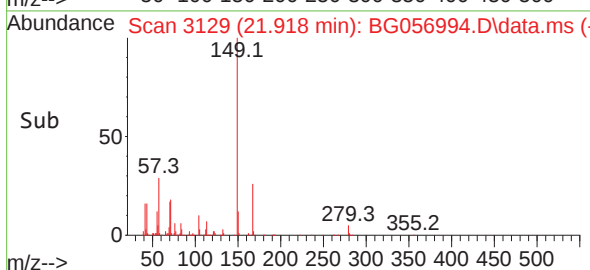
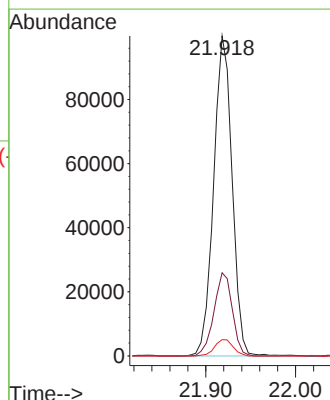
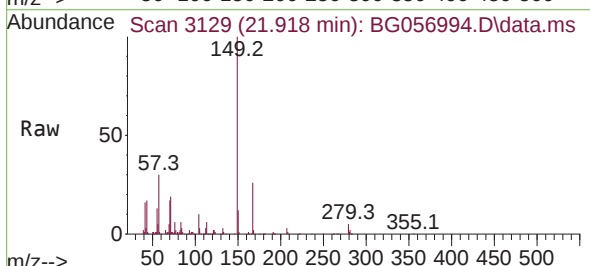
Tgt Ion:149 Resp: 143246

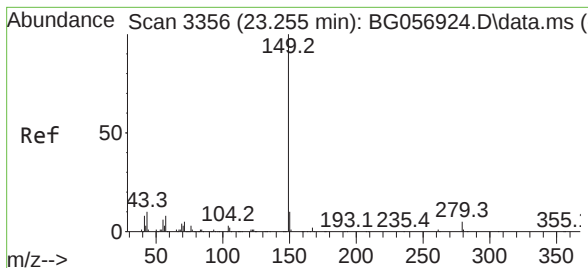
Ion Ratio Lower Upper

149 100

167 26.0 21.4 32.2

279 5.1 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 44.123 ng

RT: 23.234 min Scan# 3356

Delta R.T. -0.007 min

Lab File: BG056994.D

Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

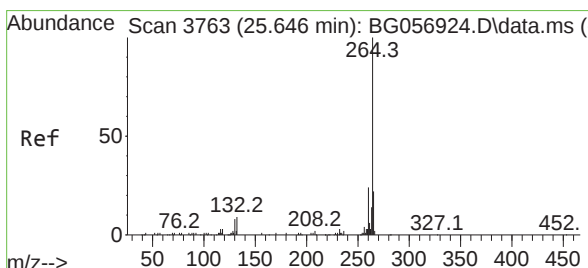
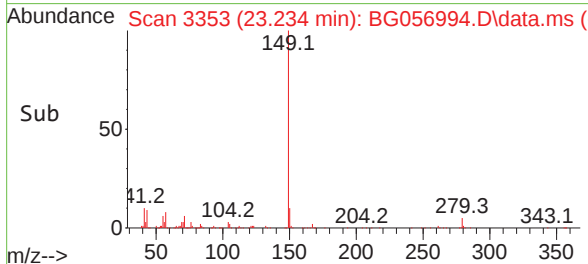
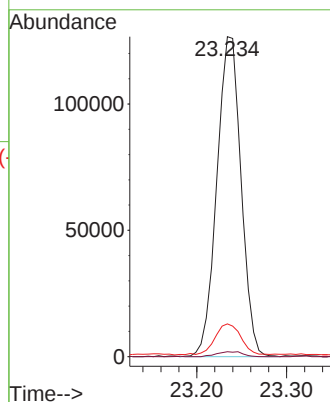
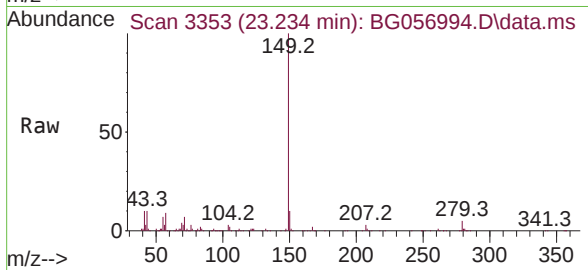
Tgt Ion:149 Resp: 237940

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.4	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.631 min Scan# 3761

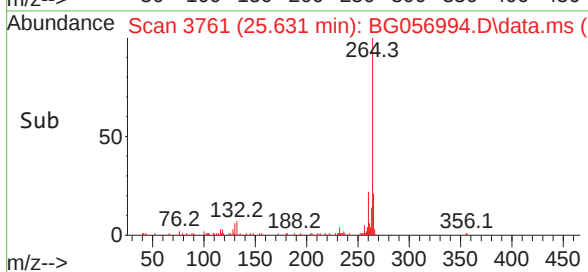
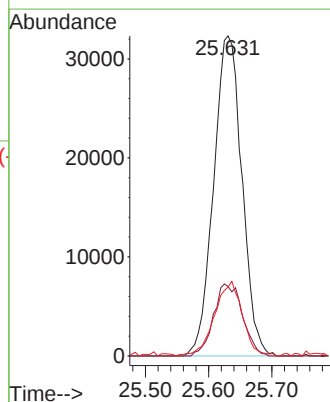
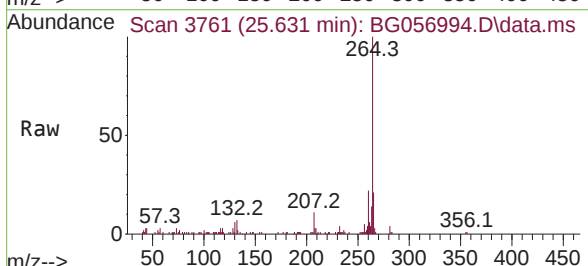
Delta R.T. -0.001 min

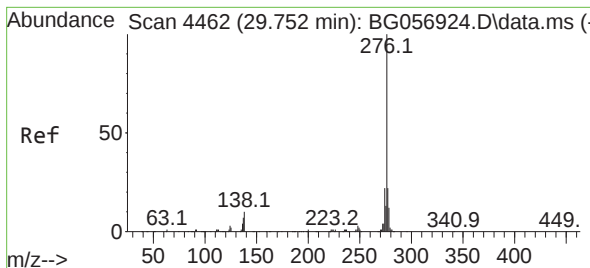
Lab File: BG056994.D

Acq: 5 Apr 2023 17:17

Tgt Ion:264 Resp: 100380

Ion	Ratio	Lower	Upper
264	100		
260	21.7	19.0	28.4
265	21.5	17.8	26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.351 ng

RT: 29.725 min Scan# 4462

Delta R.T. -0.013 min

Lab File: BG056994.D

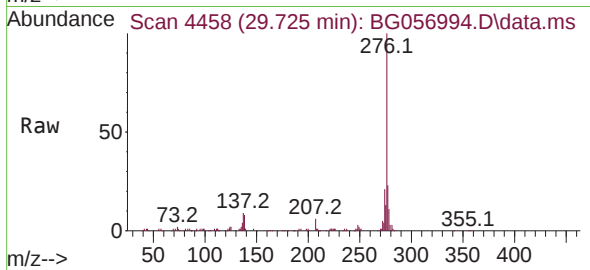
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS



Tgt Ion:276 Resp: 329023

Ion Ratio Lower Upper

276 100

138 6.7 7.7 11.5

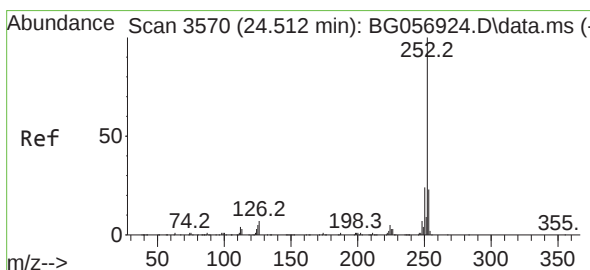
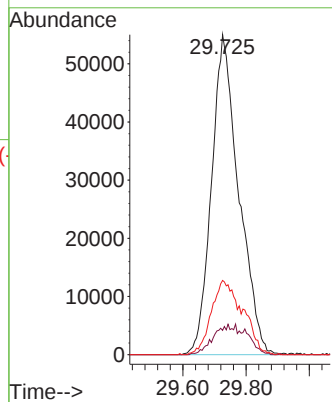
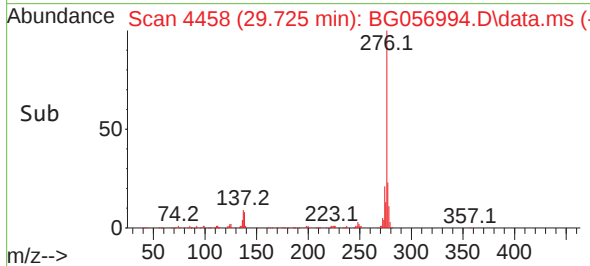
277 26.8 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/06/2023

Supervised By :Jagrut Upadhyay 04/06/2023



#88

Benzo(b)fluoranthene

Concen: 45.699 ng

RT: 24.497 min Scan# 3568

Delta R.T. -0.007 min

Lab File: BG056994.D

Acq: 5 Apr 2023 17:17

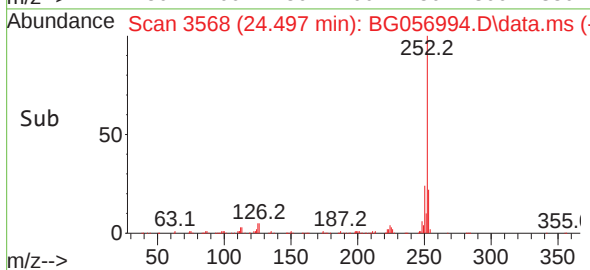
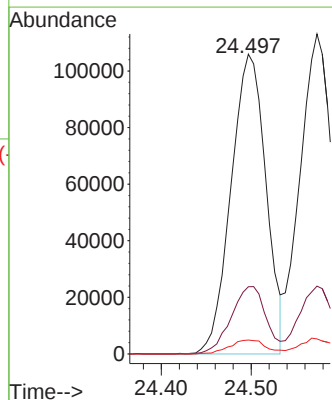
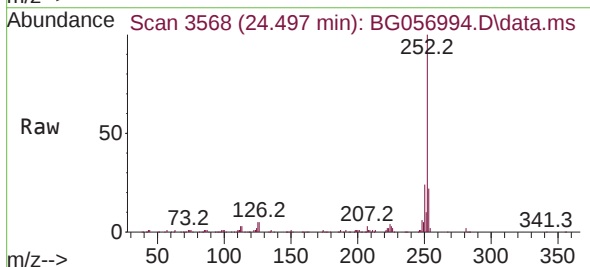
Tgt Ion:252 Resp: 286856

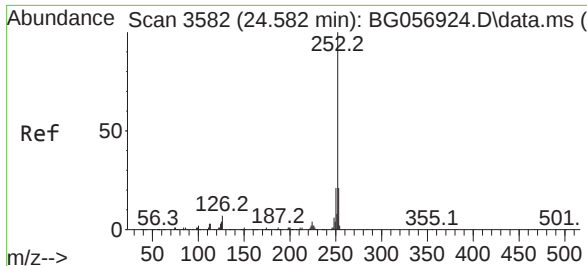
Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

125 4.6 4.2 6.4





#89
Benzo(k)fluoranthene
Concen: 45.609 ng
RT: 24.573 min Scan# 3581
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

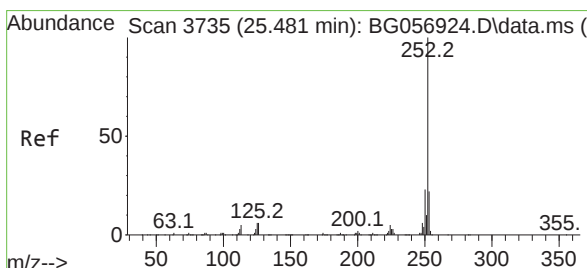
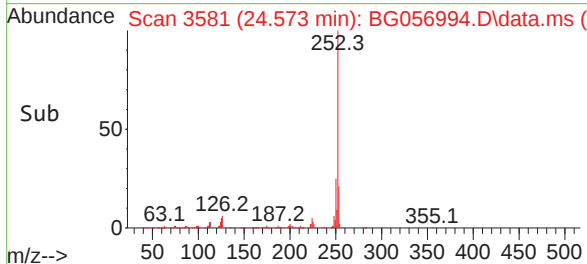
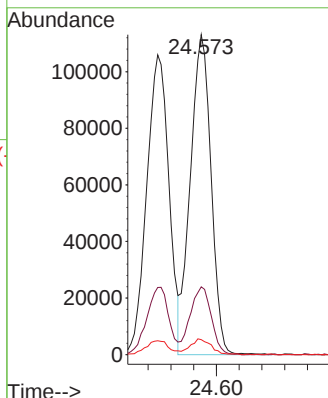
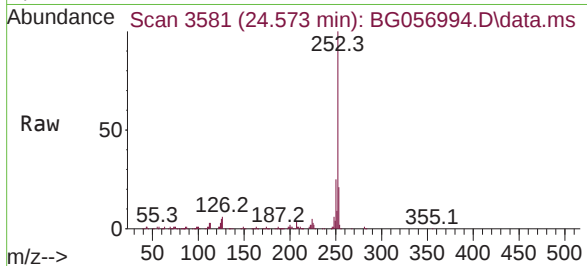
ClientSampleId :

B-30-SB02MS

Tgt Ion:252 Resp: 285815
Ion Ratio Lower Upper
252 100
253 21.2 17.1 25.7
125 4.7 3.8 5.6

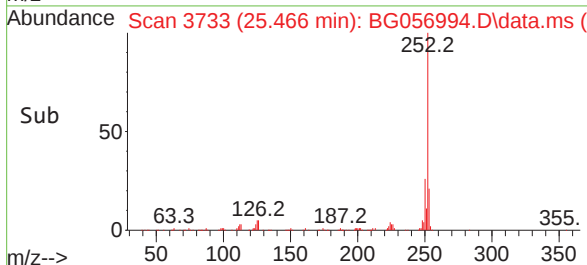
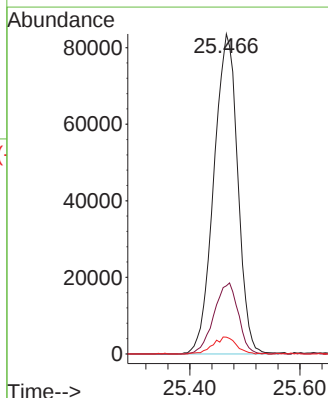
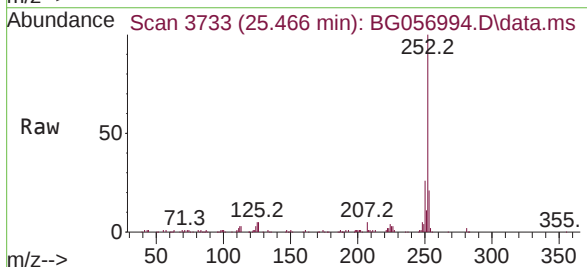
Manual Integrations
APPROVED

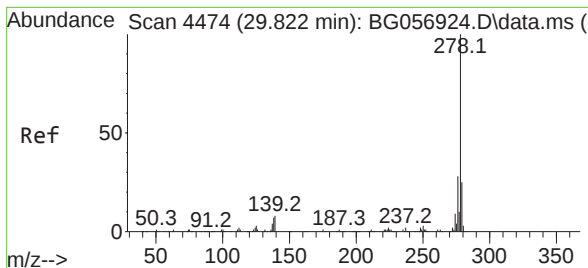
Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023



#90
Benzo(a)pyrene
Concen: 40.773 ng
RT: 25.466 min Scan# 3733
Delta R.T. -0.001 min
Lab File: BG056994.D
Acq: 5 Apr 2023 17:17

Tgt Ion:252 Resp: 251495
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 5.2 4.5 6.7





#91

Dibenzo(a,h)anthracene

Concen: 45.980 ng

RT: 29.790 min Scan# 4474

Delta R.T. -0.019 min

Lab File: BG056994.D

Acq: 5 Apr 2023 17:17

Instrument :

BNA_G

ClientSampleId :

B-30-SB02MS

Tgt Ion:278 Resp: 280385

Ion Ratio Lower Upper

278 100

139 6.7 6.4 9.6

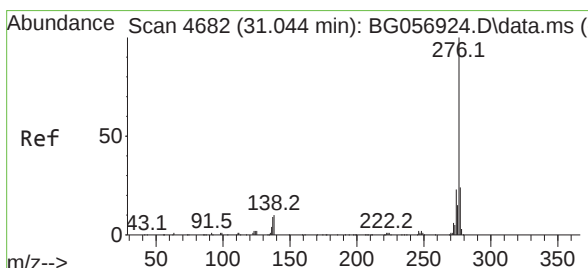
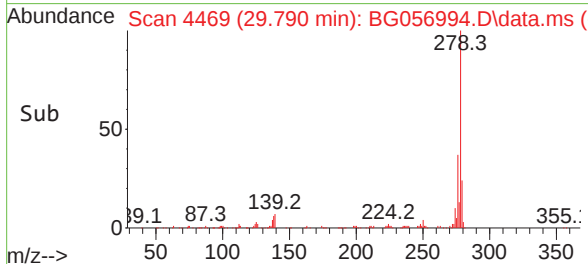
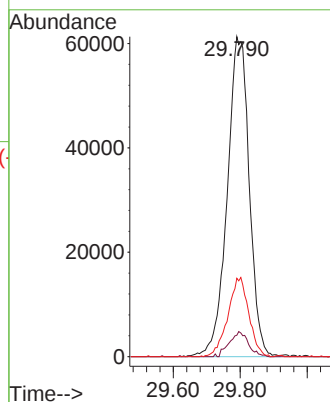
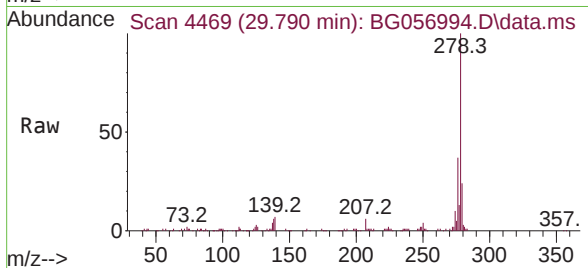
279 24.5 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/06/2023

Supervised By :Jagrut Upadhyay 04/06/2023



#92

Benzo(g,h,i)perylene

Concen: 44.445 ng

RT: 31.017 min Scan# 4678

Delta R.T. -0.013 min

Lab File: BG056994.D

Acq: 5 Apr 2023 17:17

Tgt Ion:276 Resp: 265385

Ion Ratio Lower Upper

276 100

277 22.4 19.1 28.7

138 9.7 8.2 12.2

