

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056979.D
 Acq On : 5 Apr 2023 00:27
 Operator : CG/JU
 Sample : 02176-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-040323MSD

Manual Integrations
 APPROVED

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

Quant Time: Apr 05 04:13:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.420	152	19188	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	73939	20.000	ng	# 0.00
39) Acenaphthene-d10	15.028	164	51005	20.000	ng	0.00
64) Phenanthrene-d10	17.766	188	106834	20.000	ng	# 0.00
76) Chrysene-d12	22.089	240	93319	20.000	ng	0.00
86) Perylene-d12	25.643	264	99451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.929	112	110416	92.097	ng	0.00
7) Phenol-d6	7.544	99	159733	89.081	ng	0.00
23) Nitrobenzene-d5	9.595	82	105259	58.250	ng	0.00
42) 2,4,6-Tribromophenol	16.509	330	70934	87.055	ng	0.00
45) 2-Fluorobiphenyl	13.654	172	232402	61.786	ng	0.00
79) Terphenyl-d14	20.339	244	339684	61.595	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.726	88	15739	29.947	ng	# 92
3) Pyridine	4.149	79	49162	29.042	ng	96
4) n-Nitrosodimethylamine	4.061	42	29563	37.985	ng	# 87
6) Aniline	7.727	93	52210	22.776	ng	97
8) 2-Chlorophenol	7.973	128	57505	48.154	ng	93
9) Benzaldehyde	7.539	77	41219	36.649	ng	92
10) Phenol	7.574	94	80770	45.459	ng	99
11) bis(2-Chloroethyl)ether	7.815	93	52326	41.344	ng	99
12) 1,3-Dichlorobenzene	8.308	146	61362	46.503	ng	97
13) 1,4-Dichlorobenzene	8.455	146	61048	45.840	ng	96
14) 1,2-Dichlorobenzene	8.778	146	59978	46.616	ng	93
15) Benzyl Alcohol	8.649	79	61706	41.415	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.931	45	65798m	43.138	ng	
17) 2-Methylphenol	8.849	107	54571	43.050	ng	95
18) Hexachloroethane	9.518	117	22695	46.625	ng	94
19) n-Nitroso-di-n-propyla...	9.219	70	49931	38.930	ng	# 95
20) 3+4-Methylphenols	9.178	107	73251	41.326	ng	97
22) Acetophenone	9.242	105	93345	42.427	ng	98
24) Nitrobenzene	9.636	77	78076	42.261	ng	98
25) Isophorone	10.159	82	132351	38.463	ng	98
26) 2-Nitrophenol	10.352	139	31737	44.506	ng	96
27) 2,4-Dimethylphenol	10.399	122	57878	45.969	ng	92
28) bis(2-Chloroethoxy)met...	10.634	93	70077	40.678	ng	96
29) 2,4-Dichlorophenol	10.893	162	61815	45.652	ng	95
30) 1,2,4-Trichlorobenzene	11.116	180	68725	47.768	ng	95
31) Naphthalene	11.310	128	178767	44.357	ng	98
32) Benzoic acid	10.529	122	38757	44.813	ng	92
33) 4-Chloroaniline	11.404	127	27033	14.852	ng	93
34) Hexachlorobutadiene	11.586	225	50482	46.711	ng	95
35) Caprolactam	12.173	113	16948m	36.294	ng	
36) 4-Chloro-3-methylphenol	12.497	107	61431	40.568	ng	95
37) 2-Methylnaphthalene	12.884	142	130117	40.679	ng	98
38) 1-Methylnaphthalene	13.102	142	120229	40.030	ng	97
40) 1,2,4,5-Tetrachloroben...	13.243	216	89935	50.848	ng	99
41) Hexachlorocyclopentadiene	13.219	237	43877	45.025	ng	92
43) 2,4,6-Trichlorophenol	13.472	196	55360	49.049	ng	99

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Quant Time: Apr 05 04:13:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

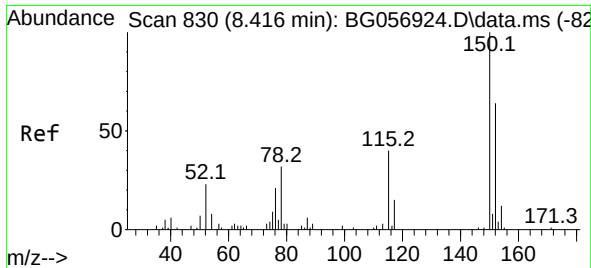
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.548	196	60523	45.264	ng	93
46) 1,1'-Biphenyl	13.865	154	175181	46.919	ng	99
47) 2-Chloronaphthalene	13.918	162	134247	48.615	ng	98
48) 2-Nitroaniline	14.112	65	44356	44.921	ng	98
49) Acenaphthylene	14.758	152	203029	44.749	ng	98
50) Dimethylphthalate	14.464	163	166680	41.475	ng	99
51) 2,6-Dinitrotoluene	14.594	165	35625	41.028	ng	97
52) Acenaphthene	15.093	154	138399	44.229	ng	94
53) 3-Nitroaniline	14.923	138	26620	30.973	ng	# 97
54) 2,4-Dinitrophenol	15.128	184	20446	41.834	ng	94
55) Dibenzofuran	15.422	168	208890	44.478	ng	98
56) 4-Nitrophenol	15.216	139	59617	93.804	ng	92
57) 2,4-Dinitrotoluene	15.375	165	49894	40.741	ng	# 96
58) Fluorene	16.068	166	167725	43.159	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.645	232	53604	44.031	ng	# 98
60) Diethylphthalate	15.810	149	159737	39.648	ng	98
61) 4-Chlorophenyl-phenyle...	16.051	204	94866	41.576	ng	95
62) 4-Nitroaniline	16.080	138	32264	36.232	ng	96
63) Azobenzene	16.344	77	168590	41.989	ng	98
65) 4,6-Dinitro-2-methylph...	16.139	198	14868	22.979	ng	95
66) n-Nitrosodiphenylamine	16.262	169	142452	49.671	ng	94
67) 4-Bromophenyl-phenylether	16.943	248	59979	45.374	ng	96
68) Hexachlorobenzene	17.073	284	64785	49.572	ng	97
69) Atrazine	17.196	200	56901	47.797	ng	97
70) Pentachlorophenol	17.413	266	81687	87.126	ng	95
71) Phenanthrene	17.813	178	300959	55.253	ng	99
72) Anthracene	17.901	178	270841	48.505	ng	99
73) Carbazole	18.165	167	219206	45.027	ng	95
74) Di-n-butylphthalate	18.688	149	240206	42.609	ng	99
75) Fluoranthene	19.798	202	433730	62.816	ng	99
77) Benzidine	19.969	184	62516	24.509	ng	96
78) Pyrene	20.163	202	433539	67.169	ng	97
80) Butylbenzylphthalate	21.020	149	97302	43.808	ng	95
81) Benzo(a)anthracene	22.072	228	402071	62.263	ng	99
82) 3,3'-Dichlorobenzidine	21.966	252	63175	28.971	ng	98
83) Chrysene	22.142	228	362488	59.951	ng	97
84) Bis(2-ethylhexyl)phtha...	21.919	149	138316	43.006	ng	100
85) Di-n-octyl phthalate	23.241	149	234615	43.288	ng	96
87) Indeno(1,2,3-cd)pyrene	29.744	276	312588	42.530	ng	# 94
88) Benzo(b)fluoranthene	24.510	252	406083	65.297	ng	98
89) Benzo(k)fluoranthene	24.586	252	366662m	59.057	ng	
90) Benzo(a)pyrene	25.479	252	356384	58.317	ng	98
91) Dibenzo(a,h)anthracene	29.814	278	236889	39.210	ng	99
92) Benzo(g,h,i)perylene	31.036	276	237221m	40.100	ng	

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

Manual Integrations APPROVED

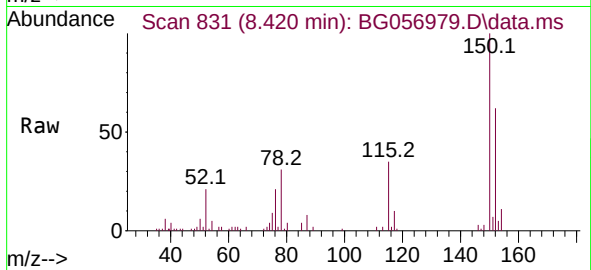
Quant Time: Apr 05 04:13:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
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QLast Update : Fri Mar 31 03:23:11 2023
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.420 min Scan# 831
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

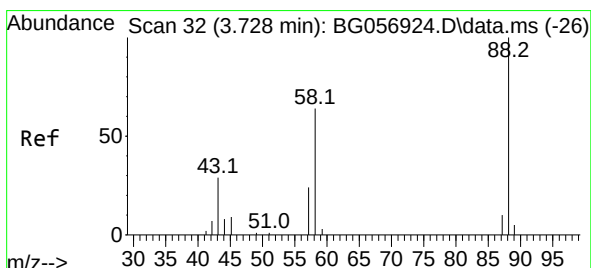
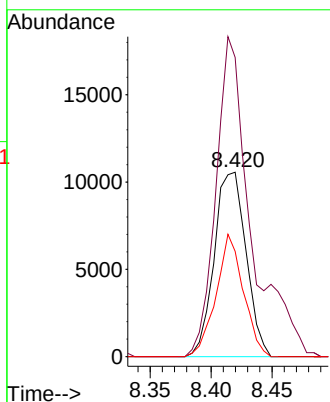
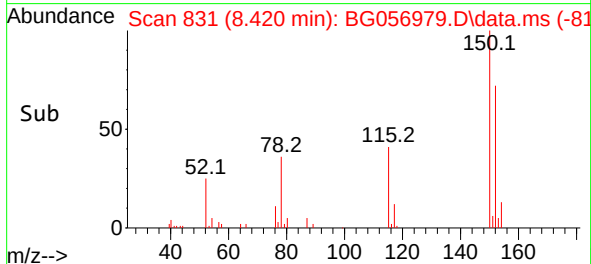
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



Tgt Ion:152 Resp: 19188
Ion Ratio Lower Upper
152 100
150 162.2 124.1 186.1
115 57.0 49.1 73.7

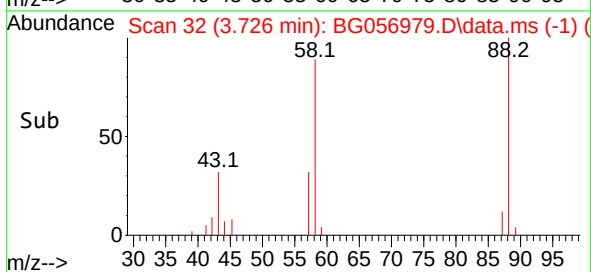
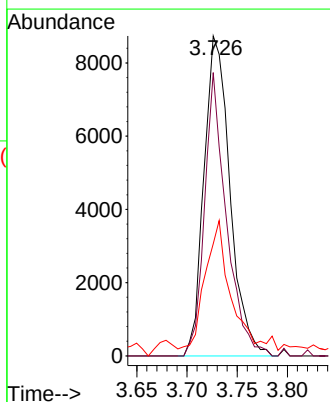
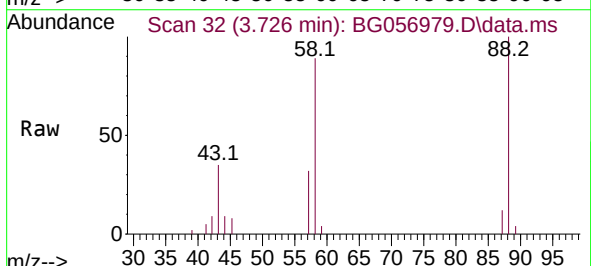
Manual Integrations
APPROVED

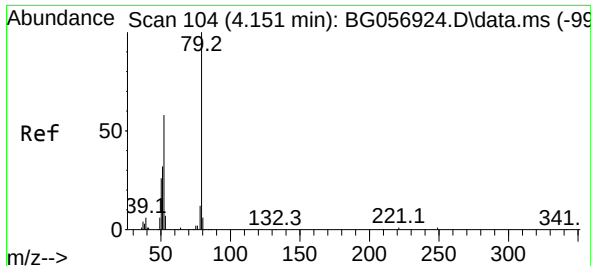
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#2
1,4-Dioxane
Concen: 29.947 ng
RT: 3.726 min Scan# 32
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

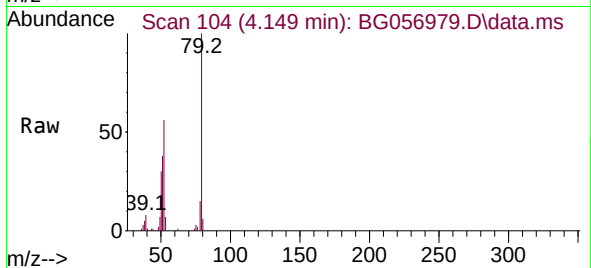
Tgt Ion: 88 Resp: 15739
Ion Ratio Lower Upper
88 100
58 74.4 55.9 83.9
43 40.2 25.7 38.5





#3
Pyridine
Concen: 29.042 ng
RT: 4.149 min Scan# 104
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

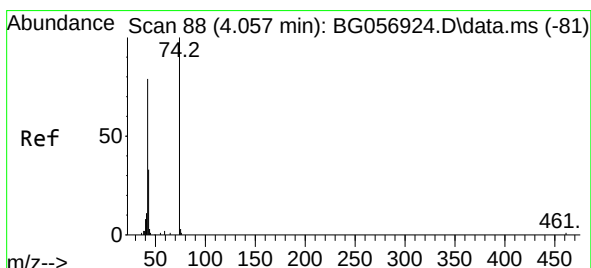
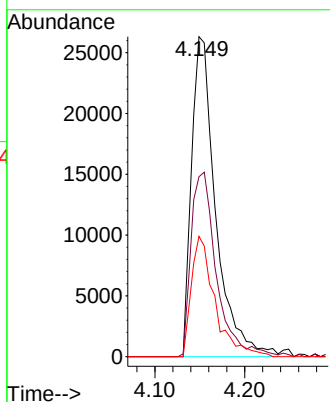
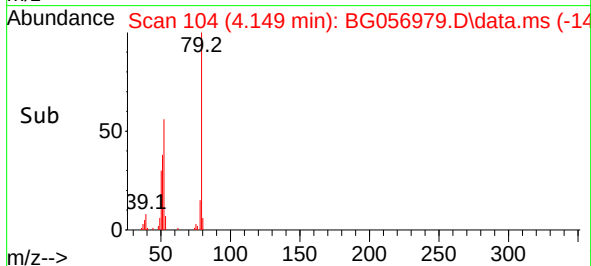
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



Tgt Ion: 79 Resp: 49162
Ion Ratio Lower Upper
79 100
52 56.2 46.1 69.1
51 37.6 26.1 39.1

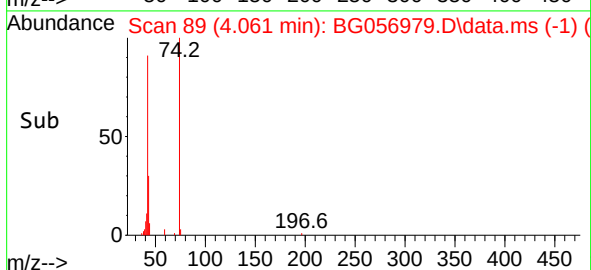
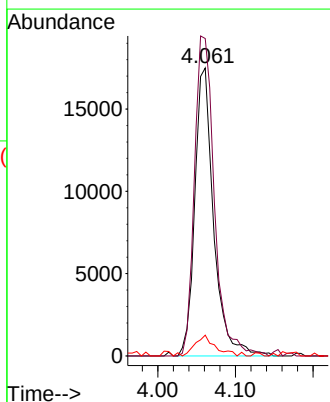
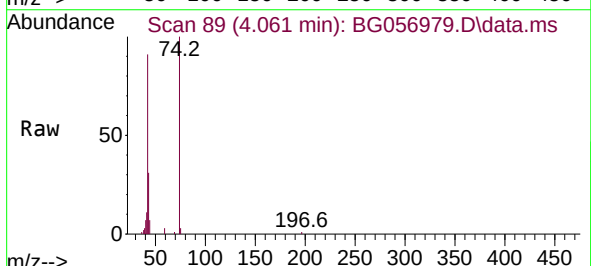
Manual Integrations
APPROVED

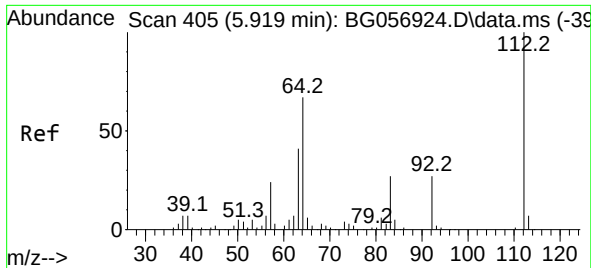
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#4
n-Nitrosodimethylamine
Concen: 37.985 ng
RT: 4.061 min Scan# 89
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

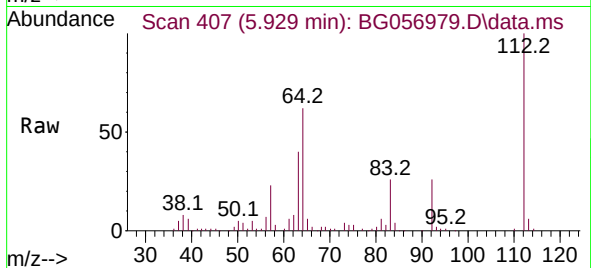
Tgt Ion: 42 Resp: 29563
Ion Ratio Lower Upper
42 100
74 110.2 100.6 151.0
44 7.2 4.6 7.0#





#5
2-Fluorophenol
Concen: 92.097 ng
RT: 5.929 min Scan# 405
Delta R.T. 0.010 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

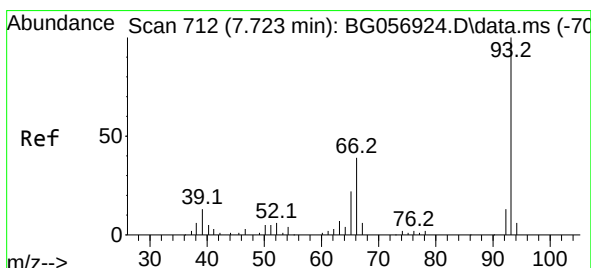
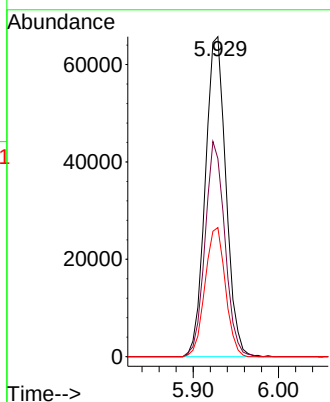
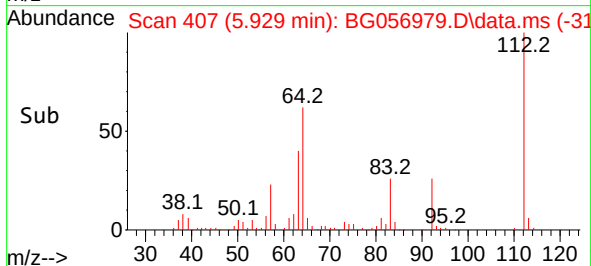
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ClientSampleId :
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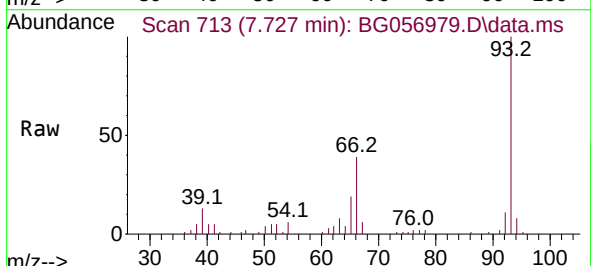
Tgt Ion:112 Resp: 110416
Ion Ratio Lower Upper
112 100
64 61.9 53.2 79.8
63 40.3 32.6 48.8

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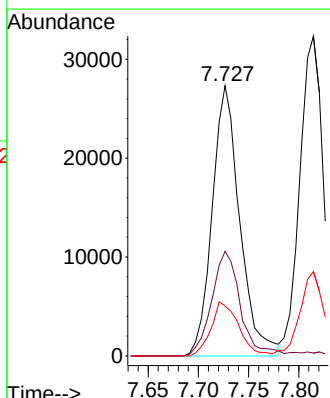
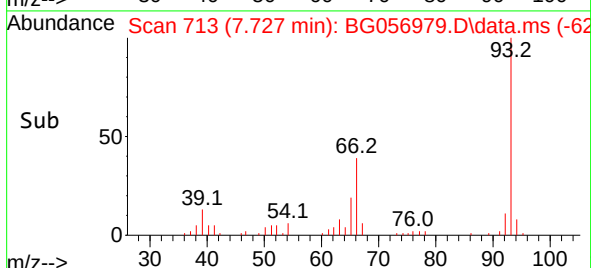
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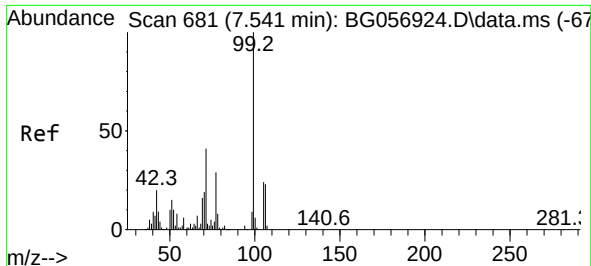


#6
Aniline
Concen: 22.776 ng
RT: 7.727 min Scan# 713
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27



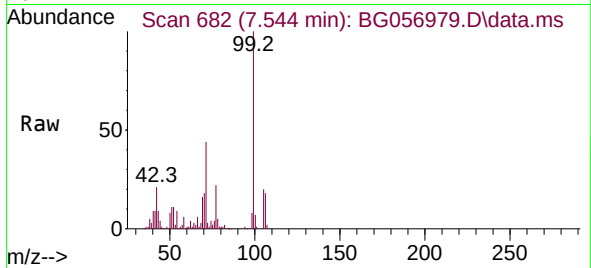
Tgt Ion: 93 Resp: 52210
Ion Ratio Lower Upper
93 100
66 38.7 31.4 47.0
65 18.5 17.3 25.9





#7
Phenol-d6
Concen: 89.081 ng
RT: 7.544 min Scan# 681
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

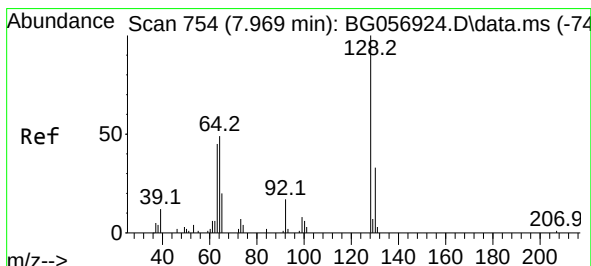
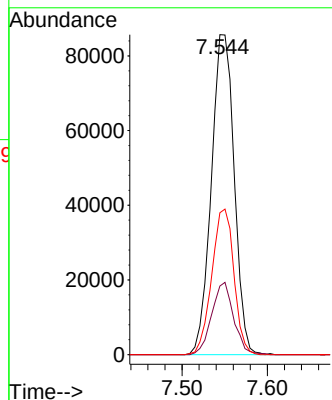
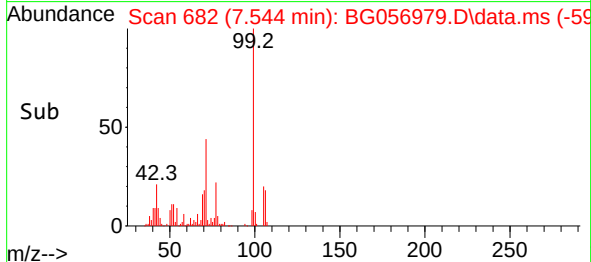
Instrument :
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Tgt Ion: 99 Resp: 159733
Ion Ratio Lower Upper
99 100
42 21.4 15.7 23.5
71 44.3 32.5 48.7

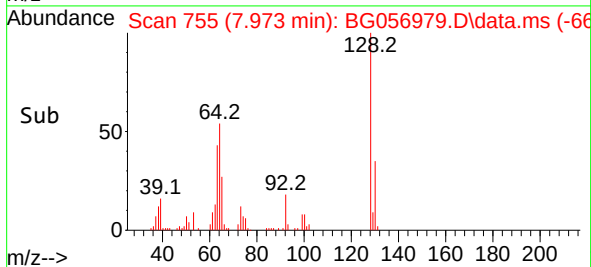
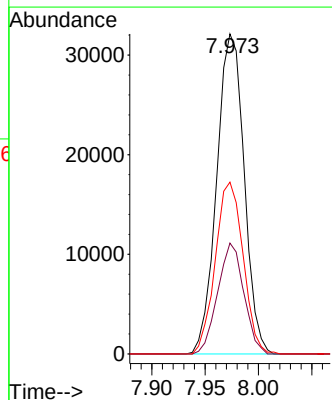
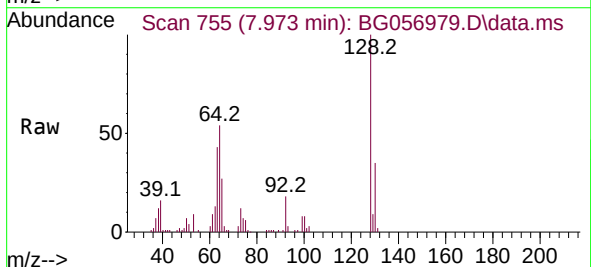
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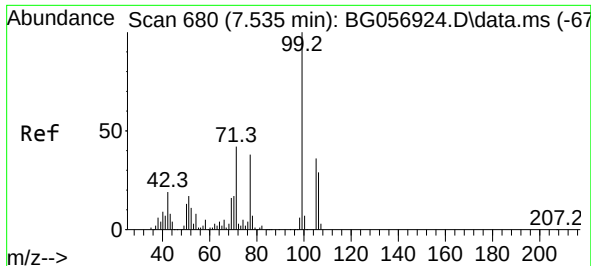
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#8
2-Chlorophenol
Concen: 48.154 ng
RT: 7.973 min Scan# 755
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

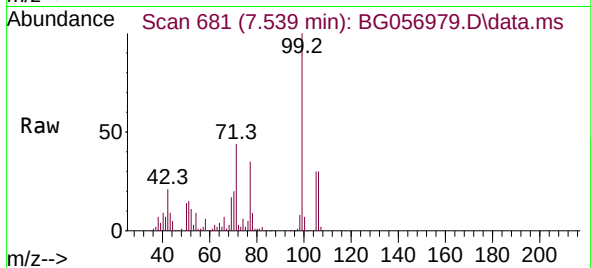
Tgt Ion:128 Resp: 57505
Ion Ratio Lower Upper
128 100
130 34.6 12.6 52.6
64 53.7 40.6 80.6





#9
Benzaldehyde
Concen: 36.649 ng
RT: 7.539 min Scan# 681
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

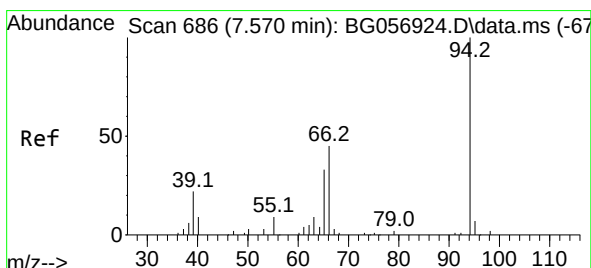
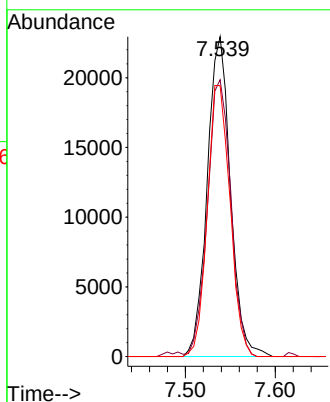
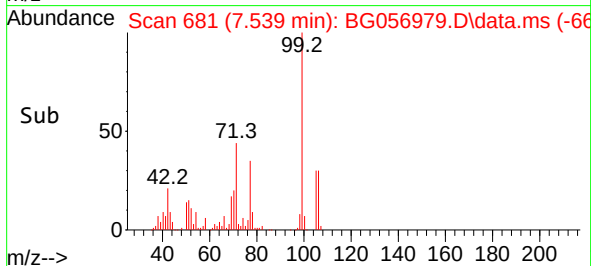
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 77 Resp: 41219
Ion Ratio Lower Upper
77 100
105 86.5 73.6 113.6
106 84.7 56.7 96.7

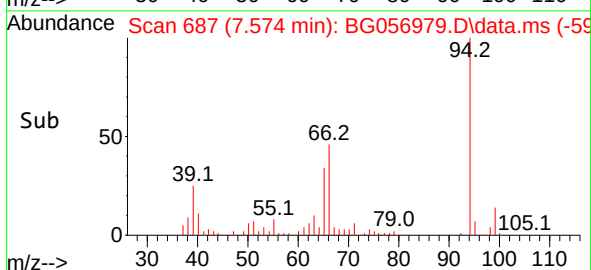
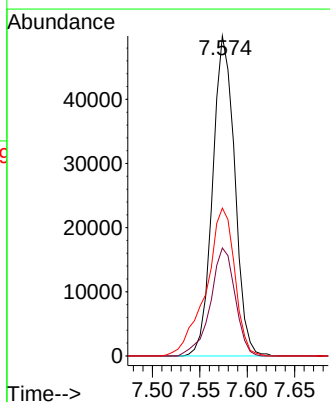
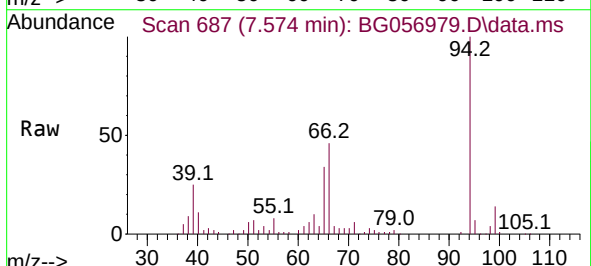
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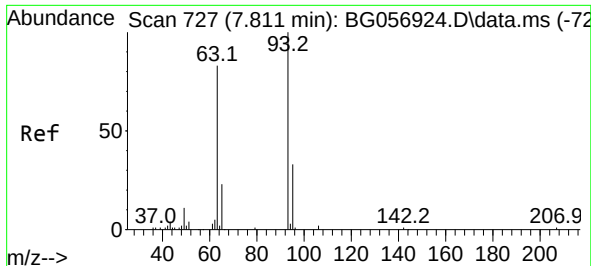
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#10
Phenol
Concen: 45.459 ng
RT: 7.574 min Scan# 687
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion: 94 Resp: 80770
Ion Ratio Lower Upper
94 100
65 33.7 13.3 53.3
66 46.2 26.7 66.7





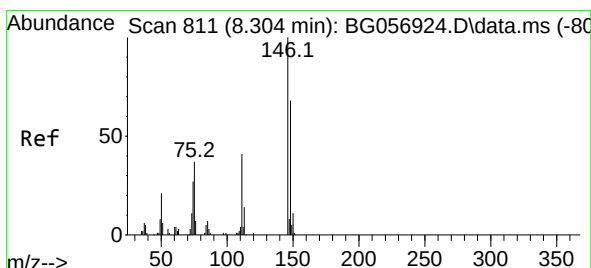
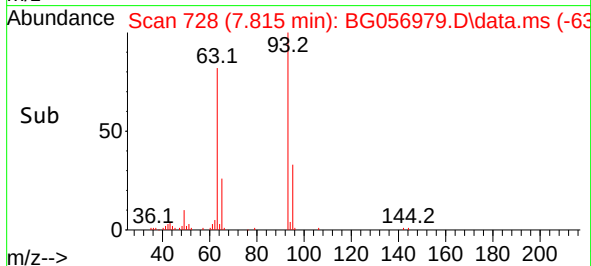
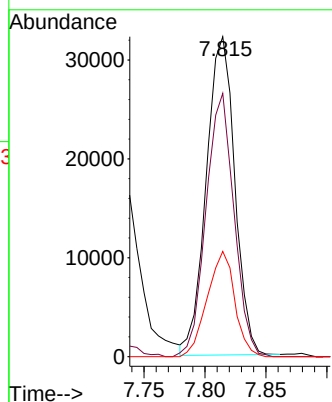
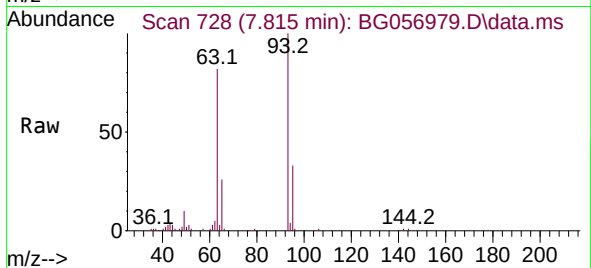
#11
bis(2-Chloroethyl)ether
Concen: 41.344 ng
RT: 7.815 min Scan# 71
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

Tgt Ion: 93 Resp: 52326
Ion Ratio Lower Upper
93 100
63 82.3 62.7 102.7
95 32.9 12.3 52.3

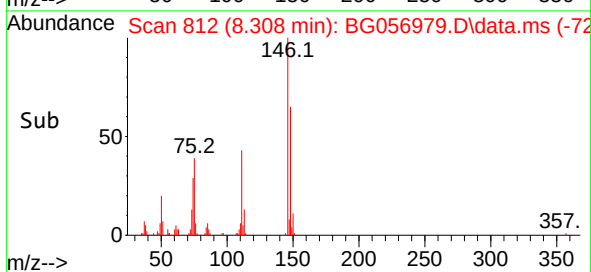
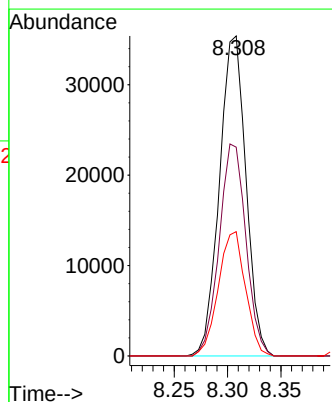
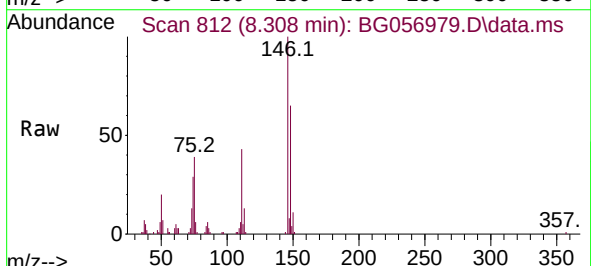
Manual Integrations
APPROVED

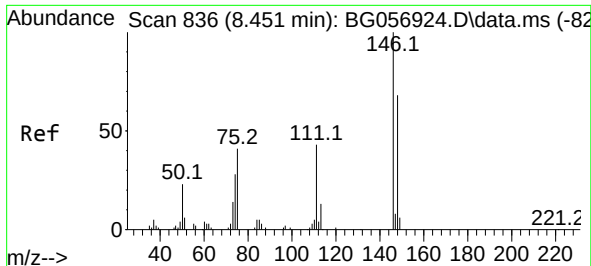
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#12
1,3-Dichlorobenzene
Concen: 46.503 ng
RT: 8.308 min Scan# 812
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

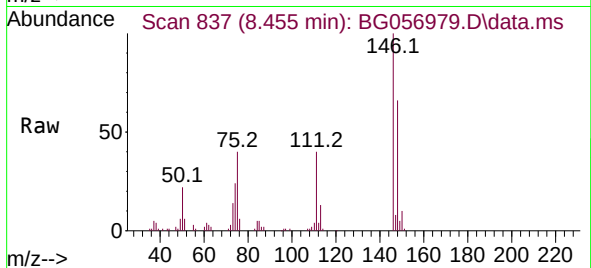
Tgt Ion:146 Resp: 61362
Ion Ratio Lower Upper
146 100
148 65.2 54.2 81.4
75 38.8 29.8 44.8





#13
1,4-Dichlorobenzene
Concen: 45.840 ng
RT: 8.455 min Scan# 836
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

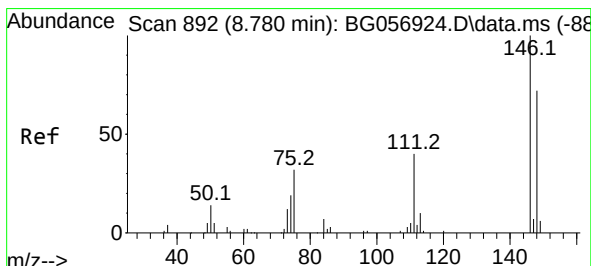
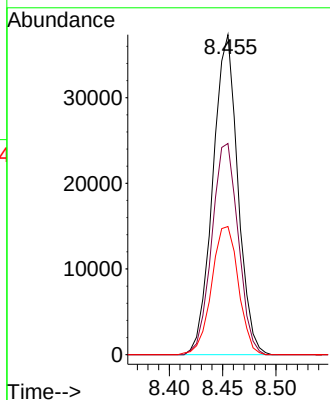
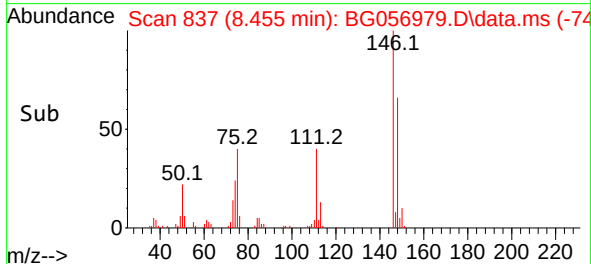
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



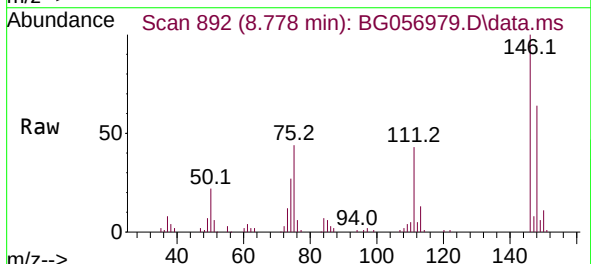
Tgt Ion:146 Resp: 61048
Ion Ratio Lower Upper
146 100
148 66.0 54.8 82.2
111 40.0 34.6 52.0

Manual Integrations
APPROVED

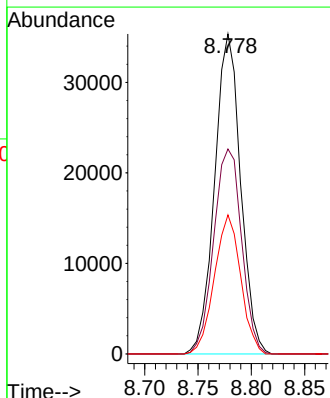
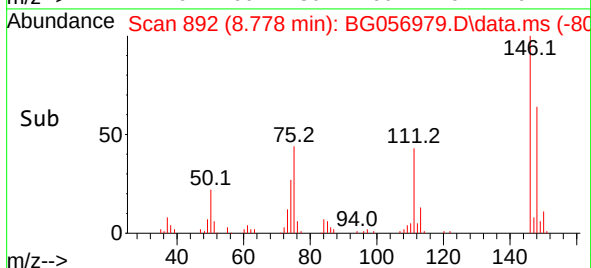
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

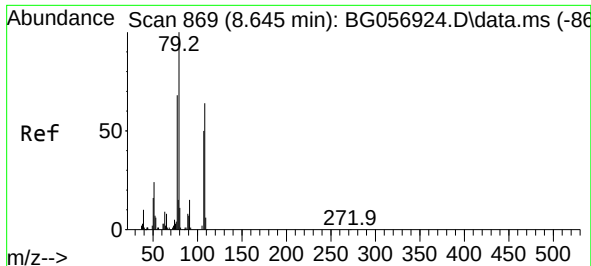


#14
1,2-Dichlorobenzene
Concen: 46.616 ng
RT: 8.778 min Scan# 892
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27



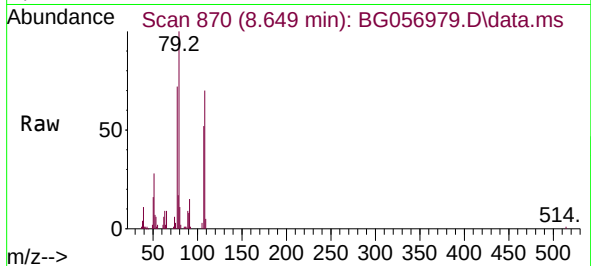
Tgt Ion:146 Resp: 59978
Ion Ratio Lower Upper
146 100
148 64.0 57.4 86.0
111 43.4 33.2 49.8





#15
Benzyl Alcohol
Concen: 41.415 ng
RT: 8.649 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

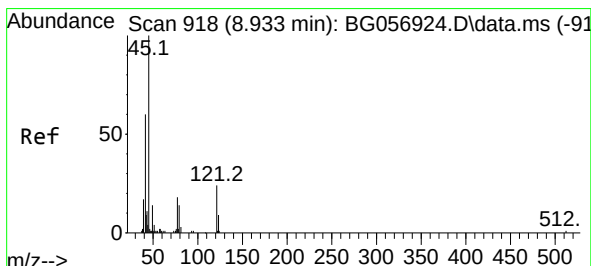
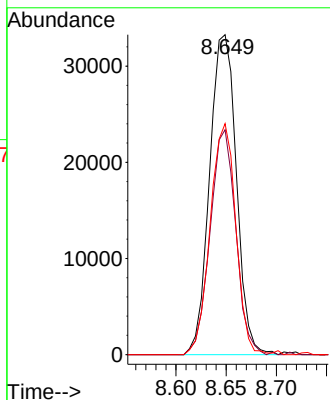
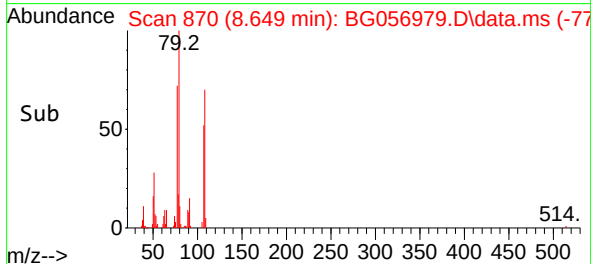
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



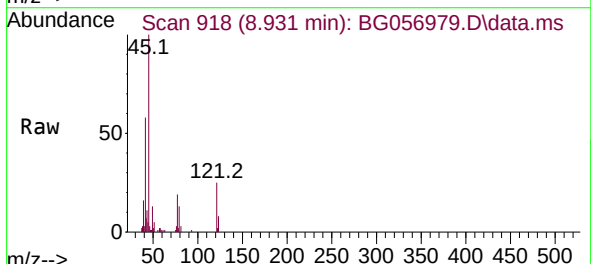
Tgt Ion: 79 Resp: 61706
Ion Ratio Lower Upper
79 100
108 70.3 51.2 76.8
77 72.2 54.4 81.6

Manual Integrations
APPROVED

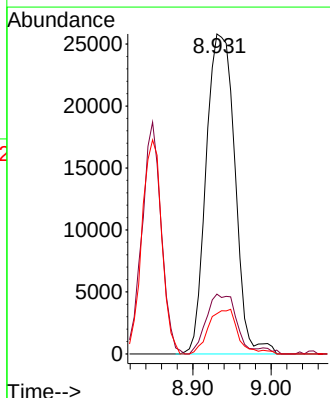
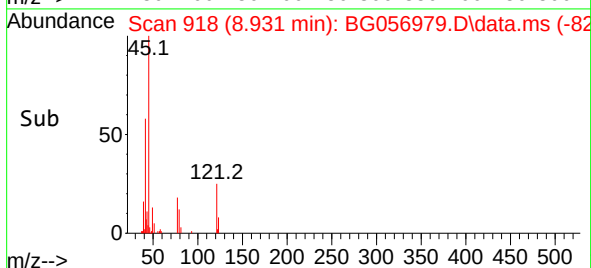
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

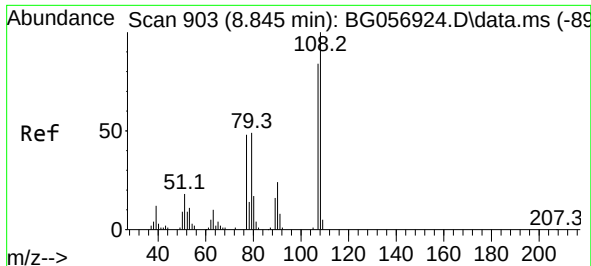


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.138 ng m
RT: 8.931 min Scan# 918
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27



Tgt Ion: 45 Resp: 65798
Ion Ratio Lower Upper
45 100
77 18.7 0.0 38.7
79 12.6 0.0 35.1





#17

2-Methylphenol

Concen: 43.050 ng

RT: 8.849 min Scan# 903

Delta R.T. 0.004 min

Lab File: BG056979.D

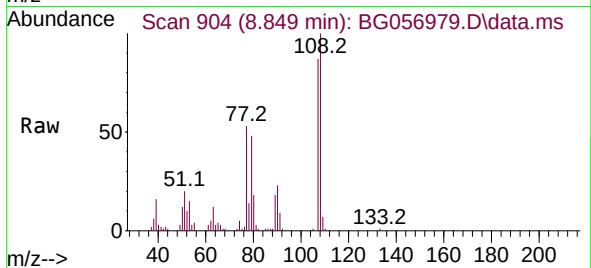
Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

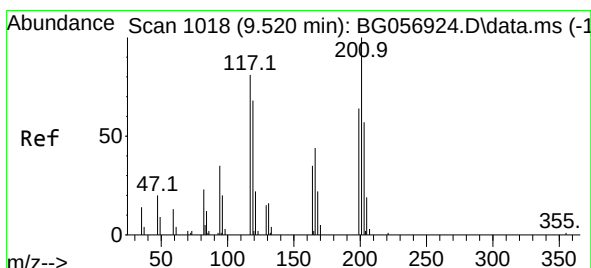
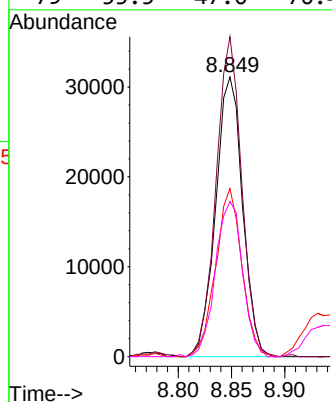
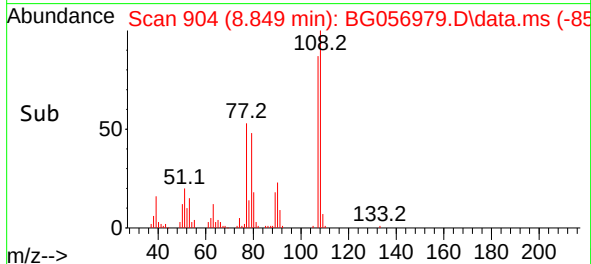


Tgt Ion:	107	Resp:	5457
Ion Ratio	Lower	Upper	
107	100		
108	114.5	96.0	144.0
77	60.1	45.6	68.4
79	55.5	47.0	70.4

Manual Integrations

APPROVED

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



#18

Hexachloroethane

Concen: 46.625 ng

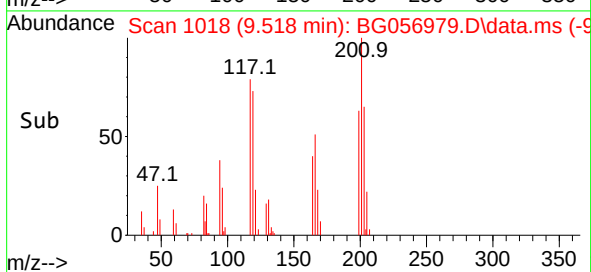
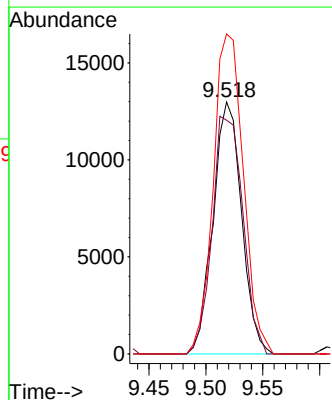
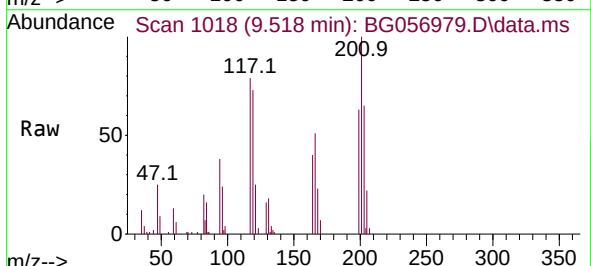
RT: 9.518 min Scan# 1018

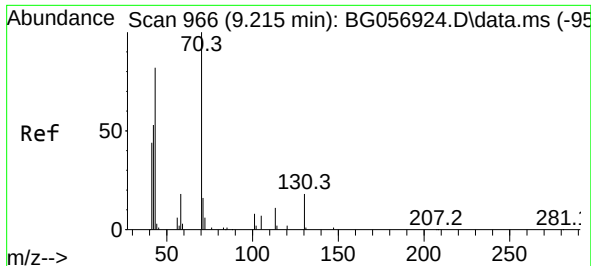
Delta R.T. -0.002 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

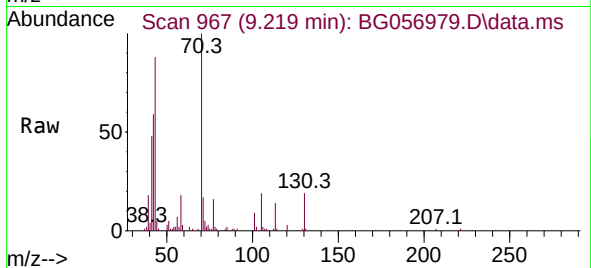
Tgt Ion:	117	Resp:	22695
Ion Ratio	Lower	Upper	
117	100		
119	92.8	67.0	100.6
201	127.0	98.7	148.1





#19
n-Nitroso-di-n-propylamine
Concen: 38.930 ng
RT: 9.219 min Scan# 90
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

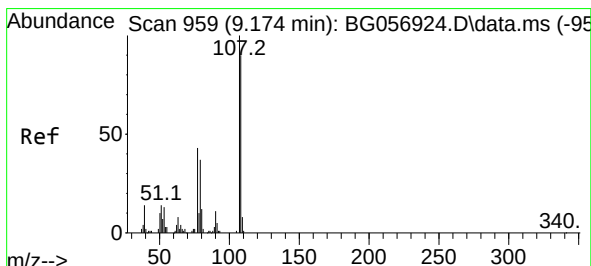
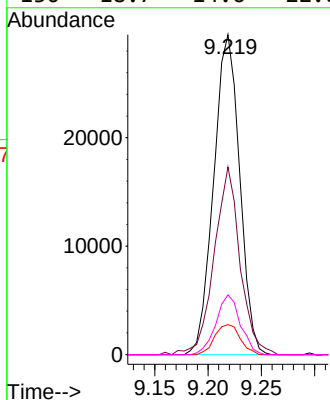
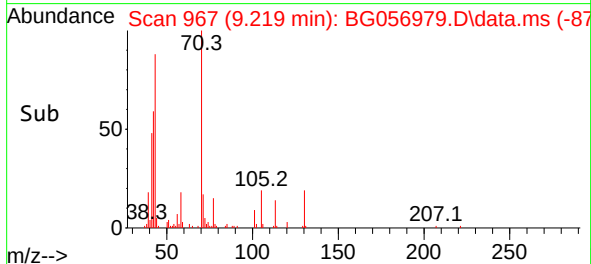
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



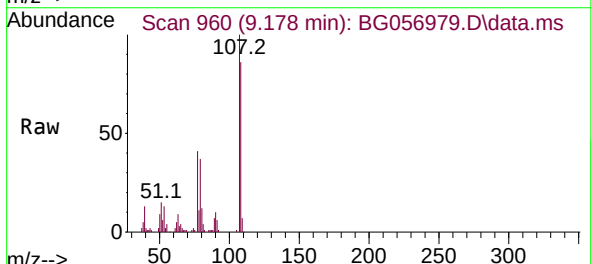
Tgt Ion: 70 Resp: 49931
Ion Ratio Lower Upper
70 100
42 58.6 43.4 65.0
101 9.4 6.2 9.2
130 18.7 14.6 22.0

Manual Integrations
APPROVED

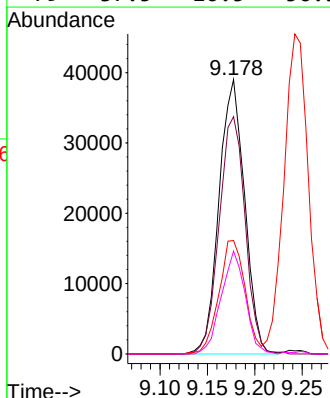
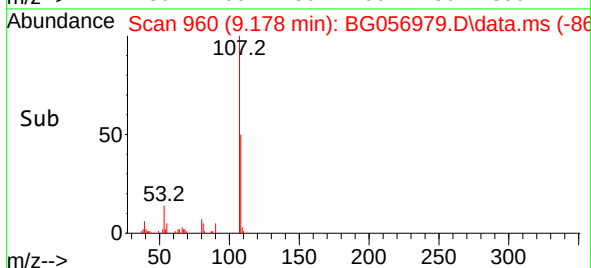
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

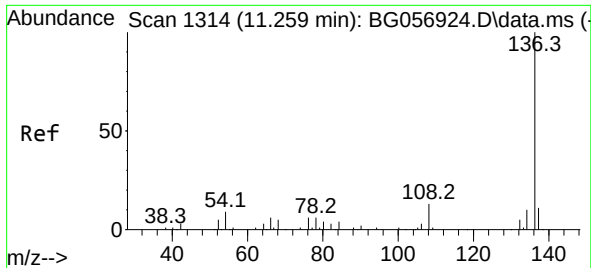


#20
3+4-Methylphenols
Concen: 41.326 ng
RT: 9.178 min Scan# 960
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27



Tgt Ion:107 Resp: 73251
Ion Ratio Lower Upper
107 100
108 86.4 69.9 109.9
77 41.3 22.7 62.7
79 37.5 16.5 56.5





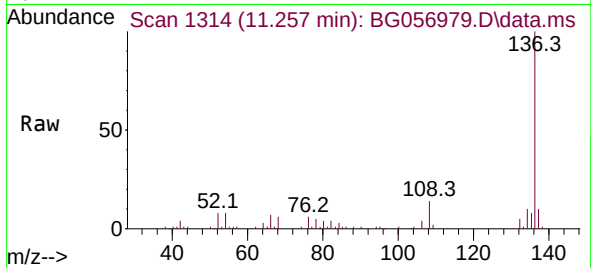
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.257 min Scan# 1314
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

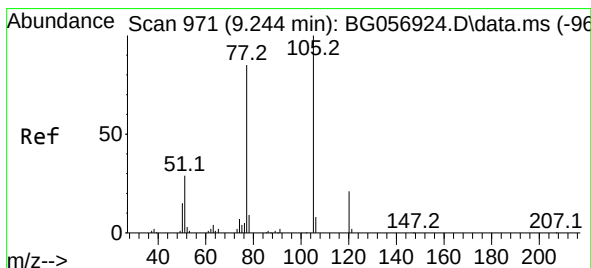
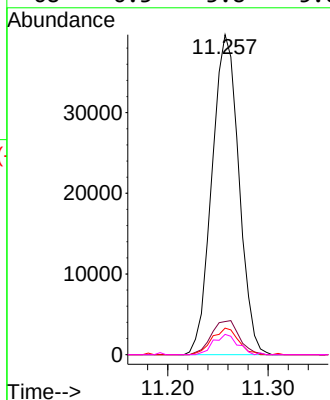
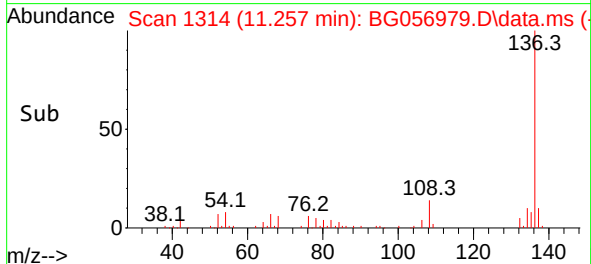


Tgt Ion:136 Resp: 73939
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.3 6.9 10.3
68 6.3 3.8 5.6#

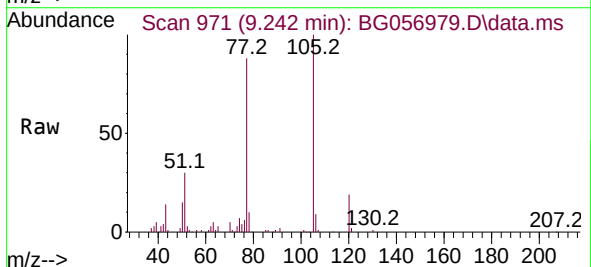
Manual Integrations

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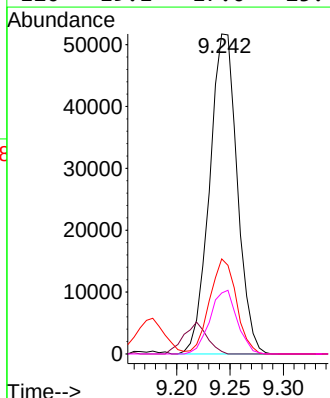
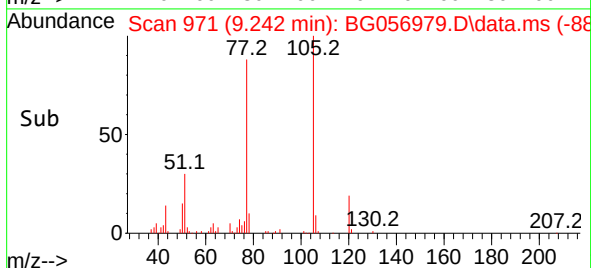
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

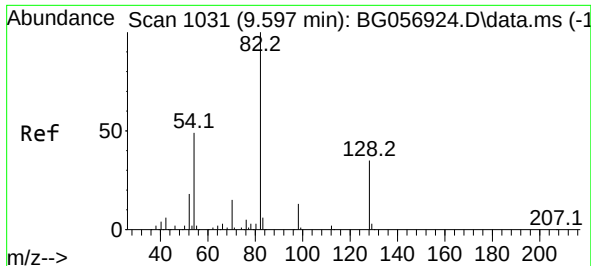


#22
Acetophenone
Concen: 42.427 ng
RT: 9.242 min Scan# 971
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27



Tgt Ion:105 Resp: 93345
Ion Ratio Lower Upper
105 100
71 0.8 0.7 1.1
51 29.7 23.8 35.8
120 19.1 17.0 25.4





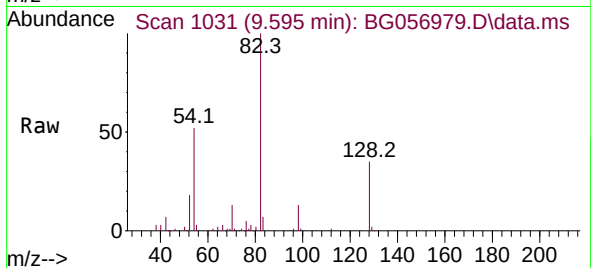
#23
Nitrobenzene-d5
Concen: 58.250 ng
RT: 9.595 min Scan# 1031
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

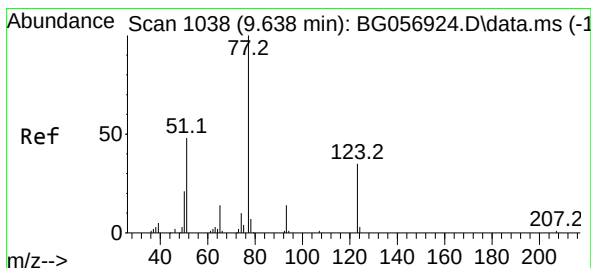
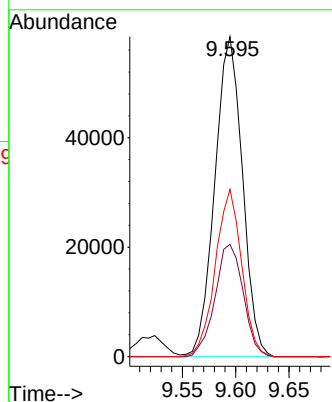
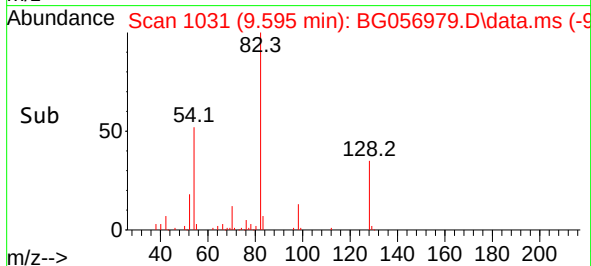


Tgt Ion: 82 Resp: 105259
Ion Ratio Lower Upper
82 100
128 35.1 27.9 41.9
54 52.3 39.4 59.2

Manual Integrations

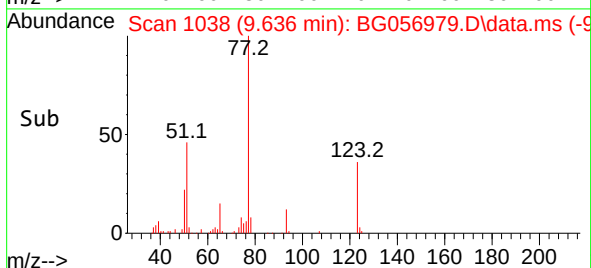
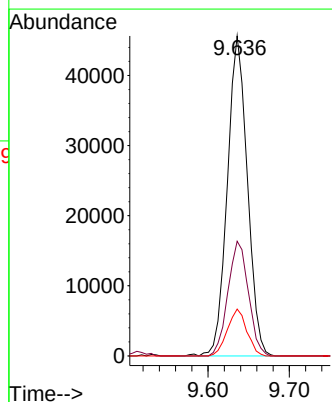
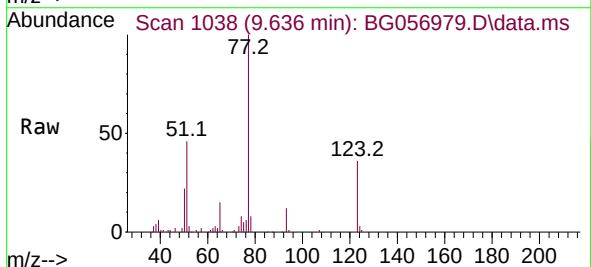
APPROVED

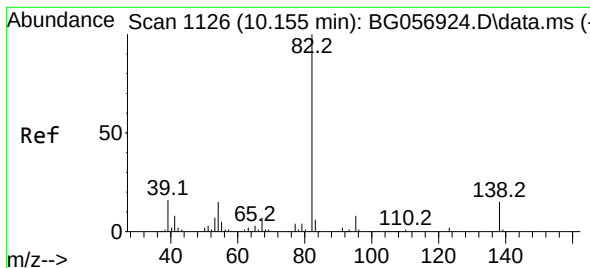
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#24
Nitrobenzene
Concen: 42.261 ng
RT: 9.636 min Scan# 1038
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion: 77 Resp: 78076
Ion Ratio Lower Upper
77 100
123 35.8 27.6 41.4
65 14.6 11.5 17.3





#25

Isophorone

Concen: 38.463 ng

RT: 10.159 min Scan# 1126

Delta R.T. 0.004 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

Tgt Ion: 82 Resp: 13235

Ion Ratio Lower Upper

82 100

95 9.2 6.3 9.5

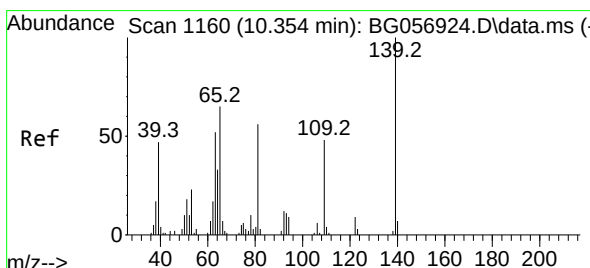
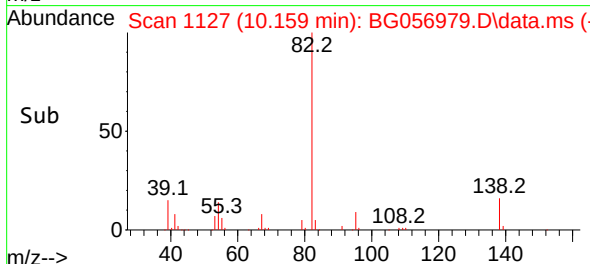
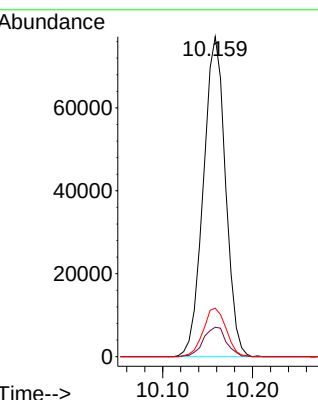
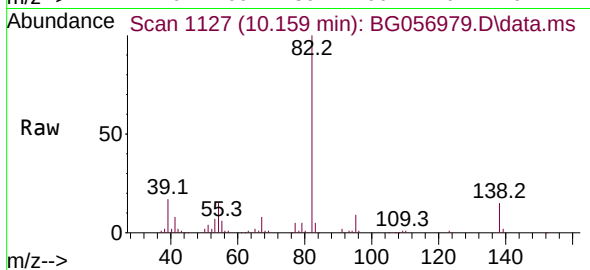
138 15.1 11.8 17.8

Manual Integrations

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Reviewed By :Christian Giraldo 04/05/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#26

2-Nitrophenol

Concen: 44.506 ng

RT: 10.352 min Scan# 1160

Delta R.T. -0.002 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

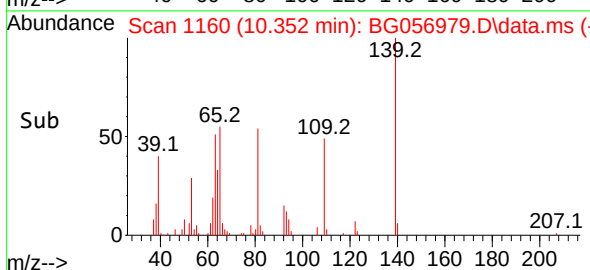
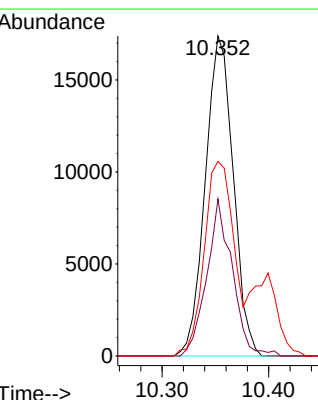
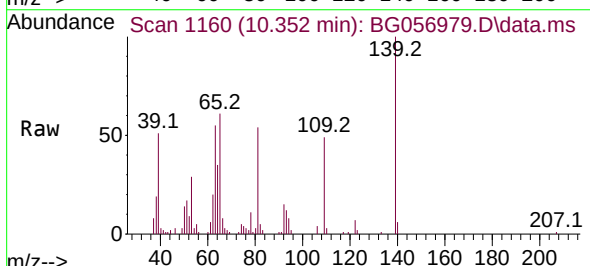
Tgt Ion:139 Resp: 31737

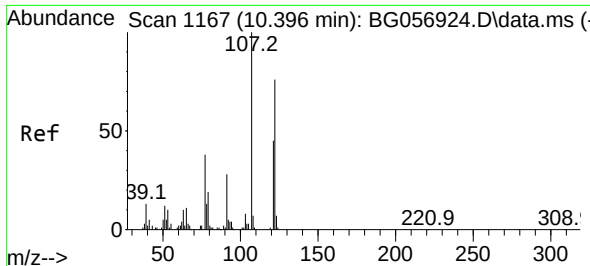
Ion Ratio Lower Upper

139 100

109 49.0 38.2 57.4

65 60.8 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 45.969 ng

RT: 10.399 min Scan# 1167

Delta R.T. 0.004 min

Lab File: BG056979.D

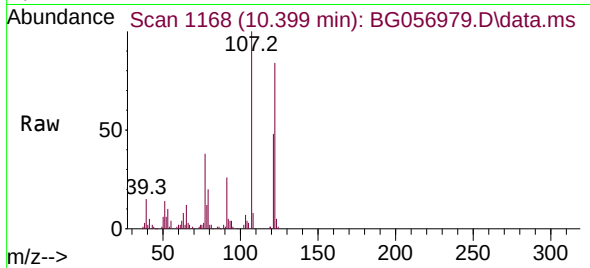
Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD



Tgt Ion:122 Resp: 57878

Ion Ratio Lower Upper

122 100

107 119.4 105.7 158.5

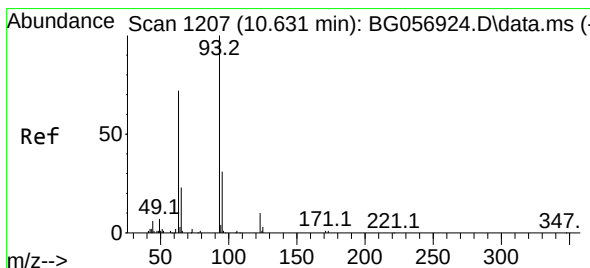
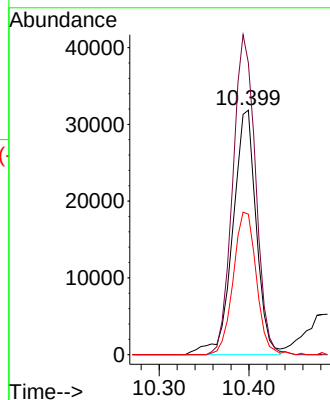
121 57.5 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.678 ng

RT: 10.634 min Scan# 1208

Delta R.T. 0.004 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

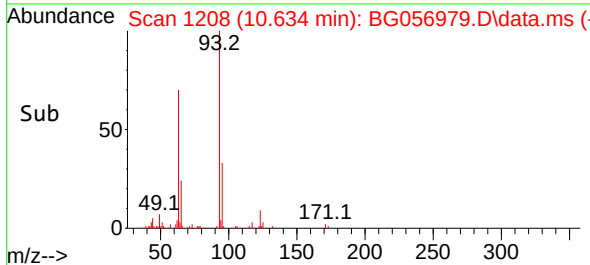
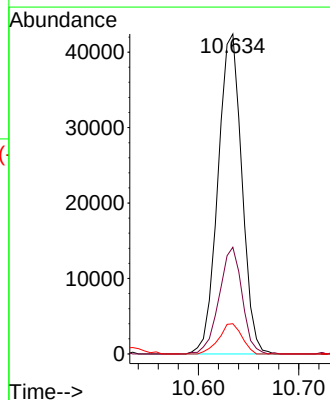
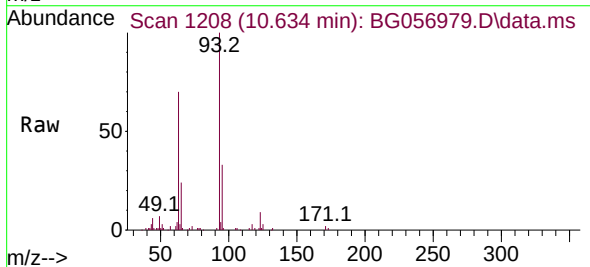
Tgt Ion: 93 Resp: 70077

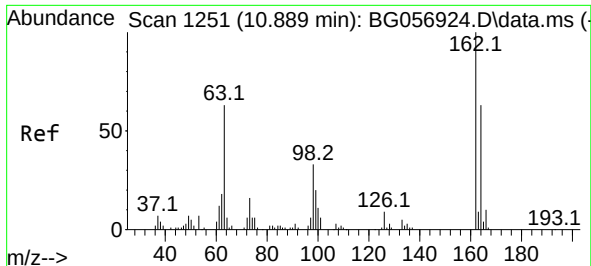
Ion Ratio Lower Upper

93 100

95 33.3 24.6 37.0

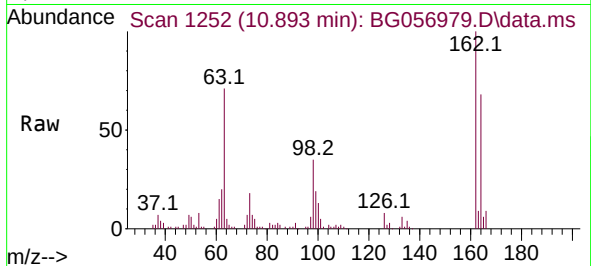
123 9.4 7.8 11.6





#29
2,4-Dichlorophenol
Concen: 45.652 ng
RT: 10.893 min Scan# 1251
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

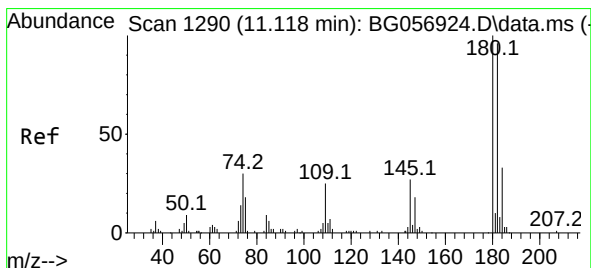
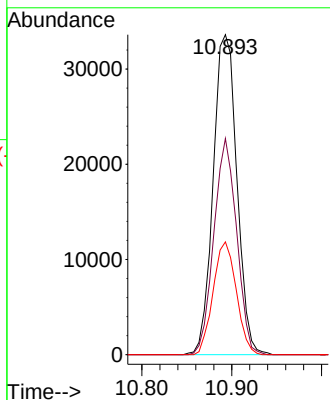
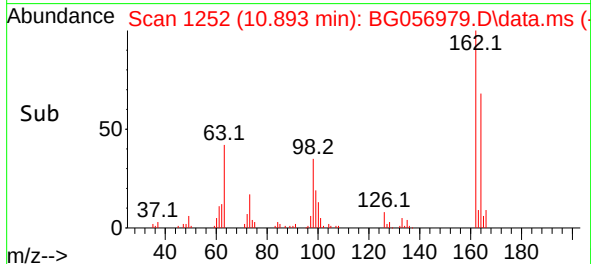
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



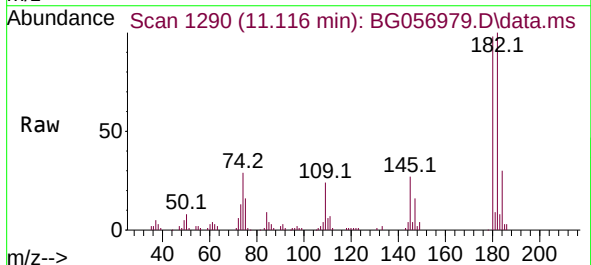
Tgt Ion:162 Resp: 61815
Ion Ratio Lower Upper
162 100
164 67.5 43.4 83.4
98 35.2 12.5 52.5

Manual Integrations
APPROVED

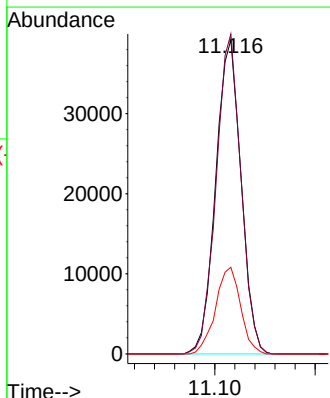
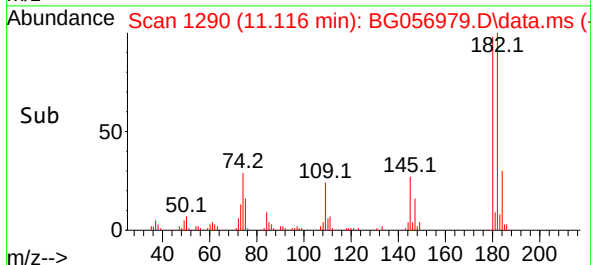
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

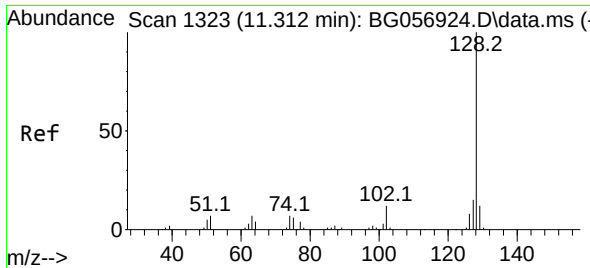


#30
1,2,4-Trichlorobenzene
Concen: 47.768 ng
RT: 11.116 min Scan# 1290
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27



Tgt Ion:180 Resp: 68725
Ion Ratio Lower Upper
180 100
182 101.9 77.1 115.7
145 27.6 21.3 31.9





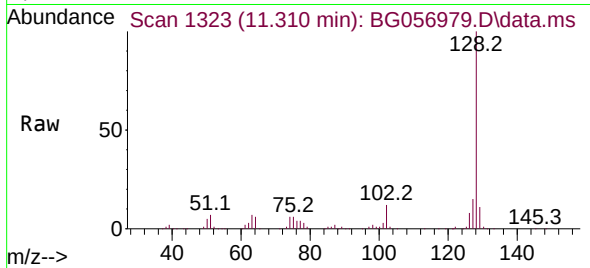
#31
Naphthalene
Concen: 44.357 ng
RT: 11.310 min Scan# 1323
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

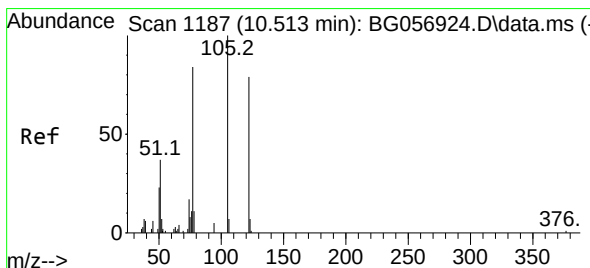
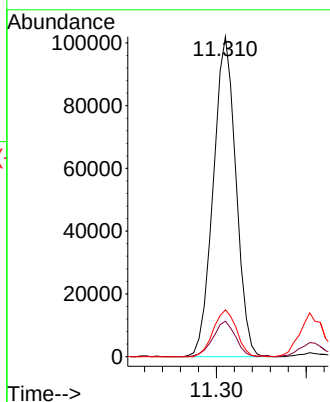
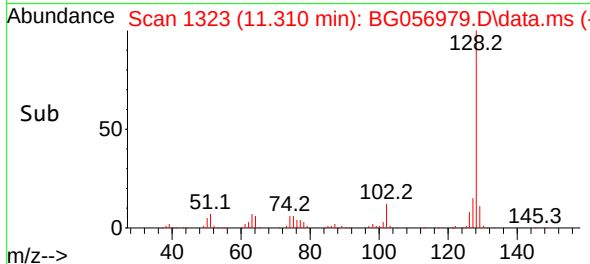


Tgt Ion:128 Resp: 178762
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 14.6 12.2 18.4

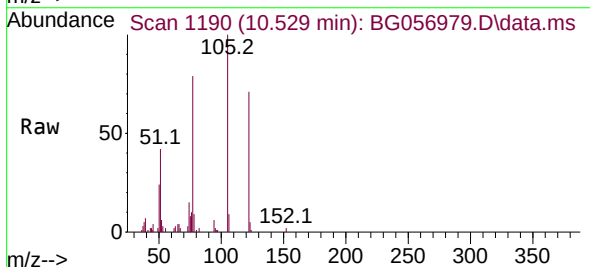
Manual Integrations

APPROVED

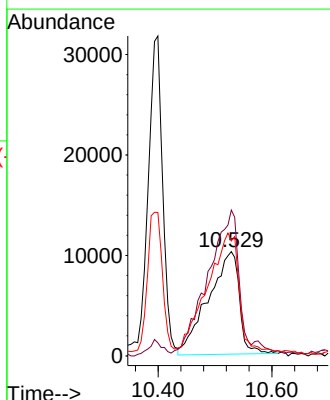
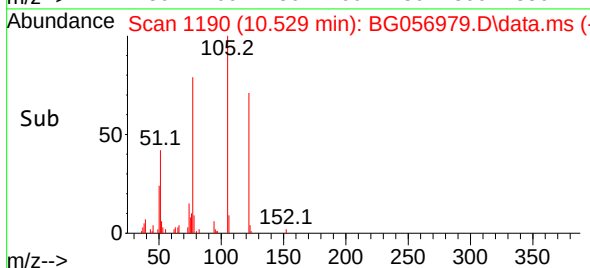
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

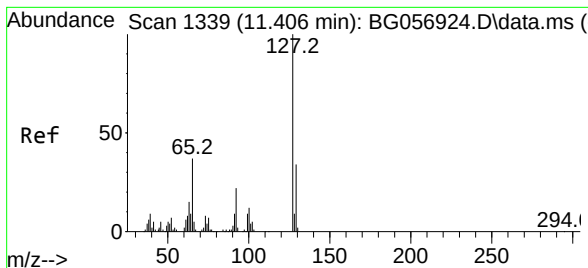


#32
Benzoic acid
Concen: 44.813 ng
RT: 10.529 min Scan# 1190
Delta R.T. 0.016 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27



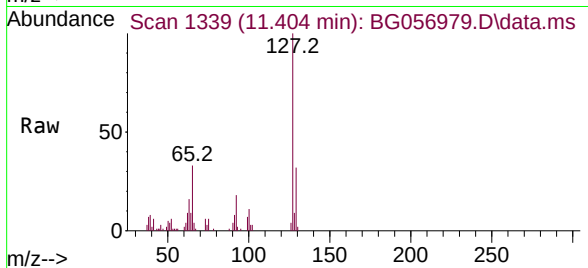
Tgt Ion:122 Resp: 38757
Ion Ratio Lower Upper
122 100
105 139.9 105.4 145.4
77 110.3 87.4 127.4





#33
4-Chloroaniline
Concen: 14.852 ng
RT: 11.404 min Scan# 1339
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

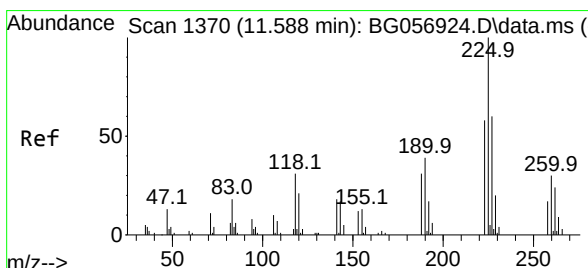
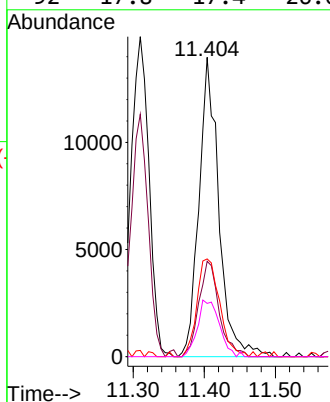
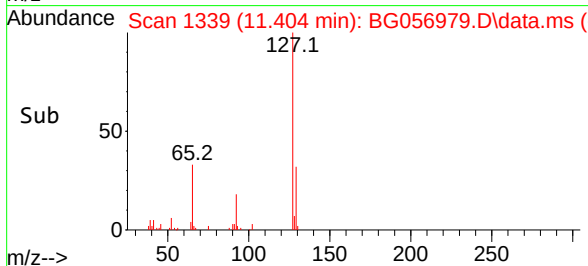
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



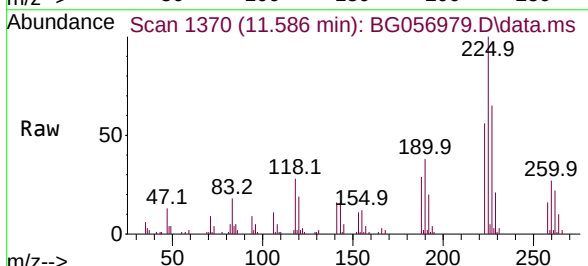
Tgt Ion:	127	Resp:	27033
Ion Ratio	Lower	Upper	
127	100		
129	31.8	27.6	41.4
65	32.6	29.8	44.8
92	17.8	17.4	26.0

Manual Integrations
APPROVED

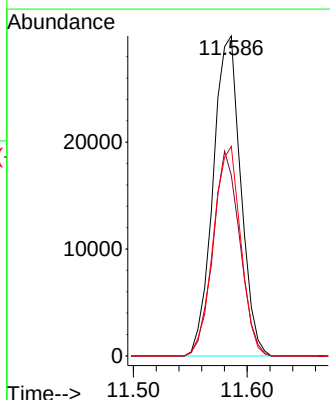
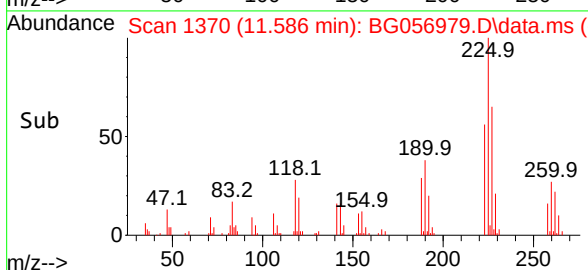
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

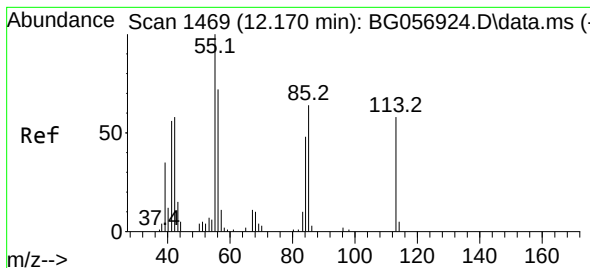


#34
Hexachlorobutadiene
Concen: 46.711 ng
RT: 11.586 min Scan# 1370
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27



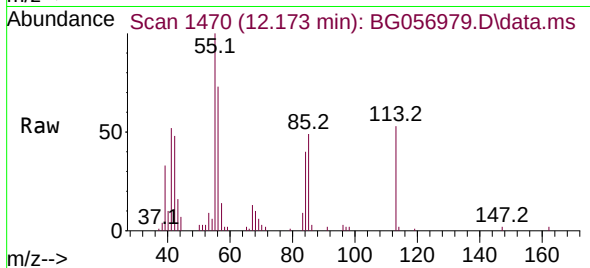
Tgt Ion:	225	Resp:	50482
Ion Ratio	Lower	Upper	
225	100		
223	56.4	46.4	69.6
227	65.5	48.0	72.0





#35
Caprolactam
Concen: 36.294 ng/ml
RT: 12.173 min Scan# 1469
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

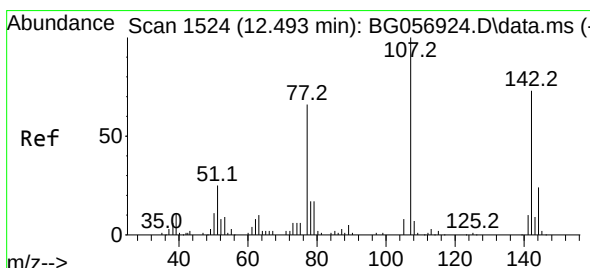
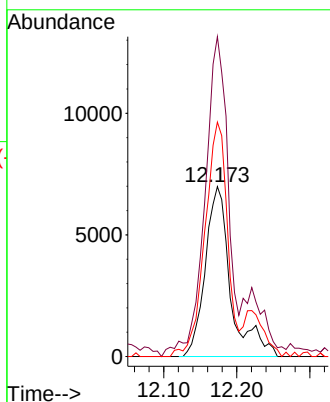
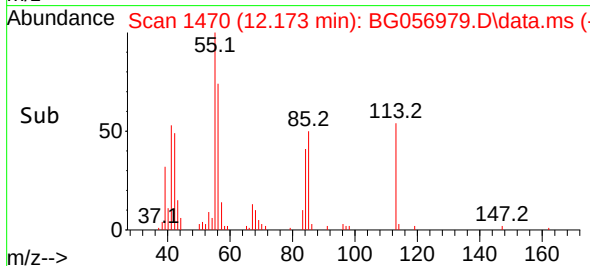
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



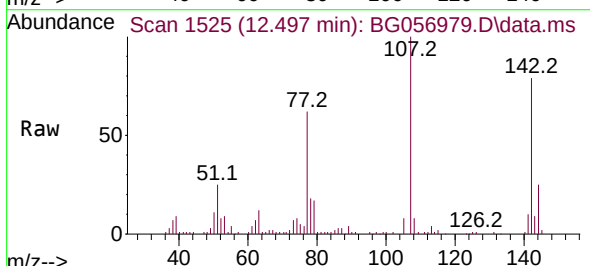
Tgt Ion:113 Resp: 16948
Ion Ratio Lower Upper
113 100
55 188.3 151.6 191.6
56 138.0 103.7 143.7

Manual Integrations
APPROVED

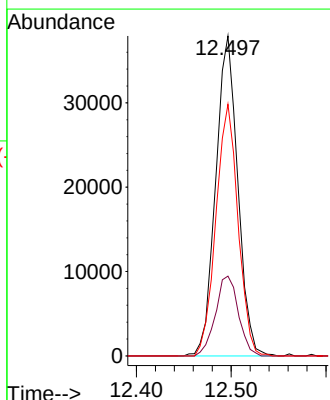
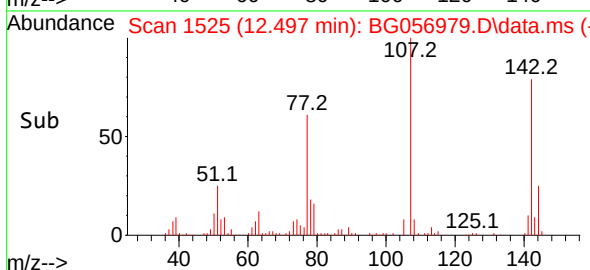
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

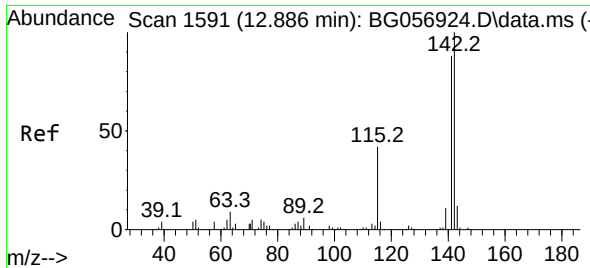


#36
4-Chloro-3-methylphenol
Concen: 40.568 ng/ml
RT: 12.497 min Scan# 1525
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27



Tgt Ion:107 Resp: 61431
Ion Ratio Lower Upper
107 100
144 24.9 19.0 28.4
142 78.6 58.6 88.0





#37
2-Methylnaphthalene
Concen: 40.679 ng
RT: 12.884 min Scan# 1591
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

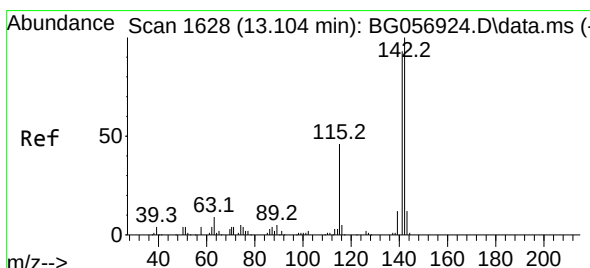
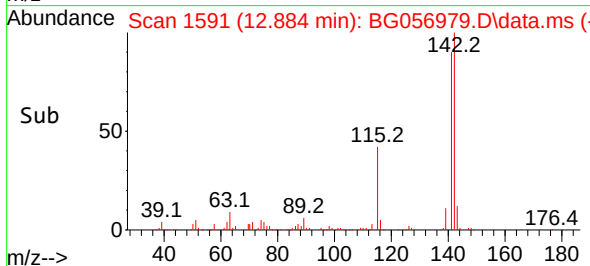
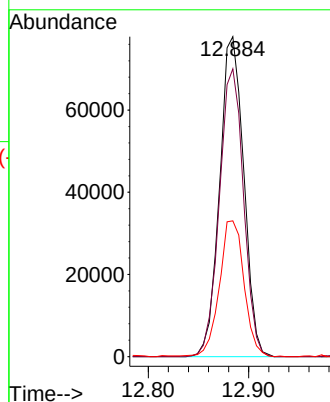
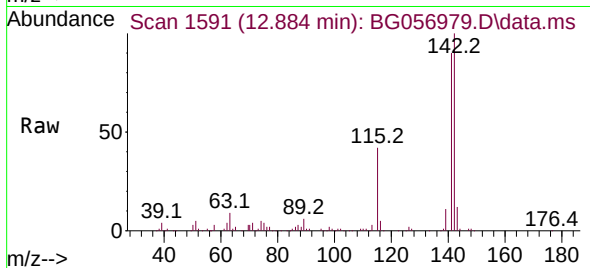
TR-04-040323MSD

Tgt Ion:142 Resp: 130117
Ion Ratio Lower Upper
142 100
141 89.9 70.3 105.5
115 42.4 33.5 50.3

Manual Integrations

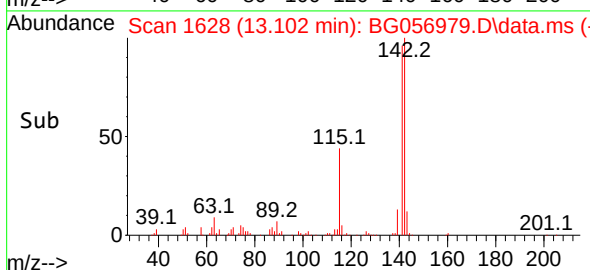
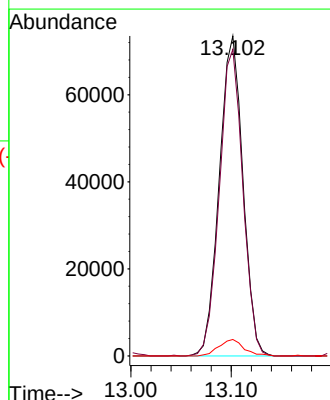
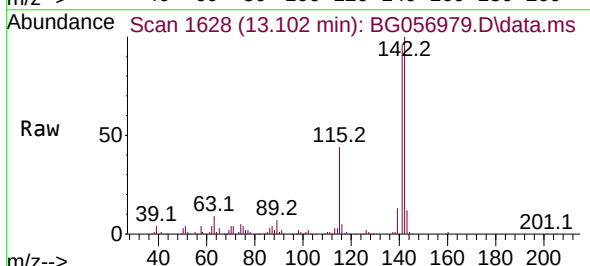
APPROVED

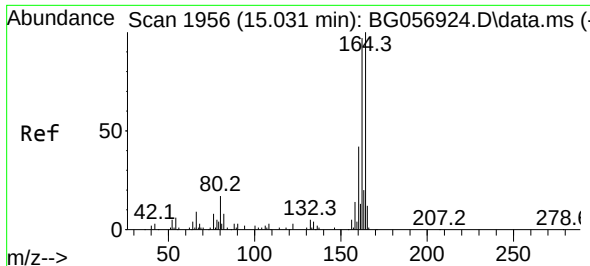
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#38
1-Methylnaphthalene
Concen: 40.030 ng
RT: 13.102 min Scan# 1628
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:142 Resp: 120229
Ion Ratio Lower Upper
142 100
141 95.8 74.0 111.0
116 5.2 3.7 5.5





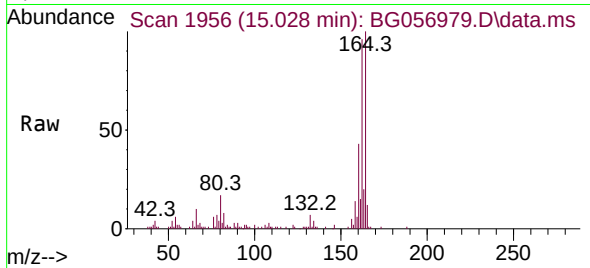
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.028 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

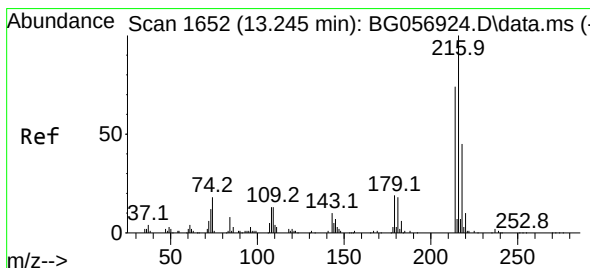
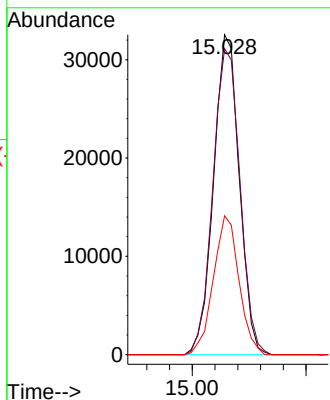
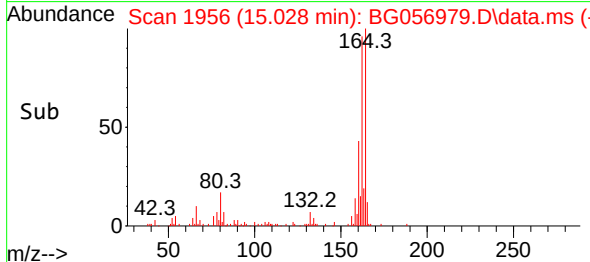


Tgt Ion:164 Resp: 51005
Ion Ratio Lower Upper
164 100
162 95.6 77.8 116.8
160 43.4 33.5 50.3

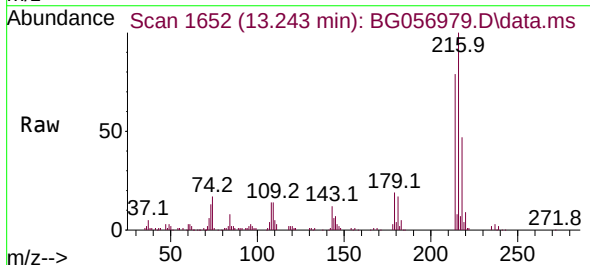
Manual Integrations

APPROVED

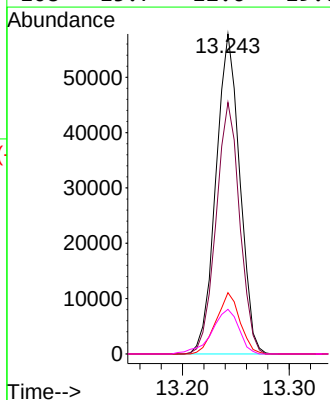
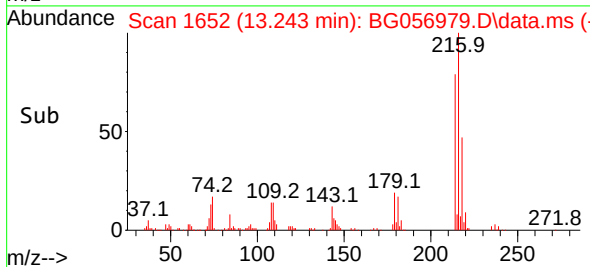
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

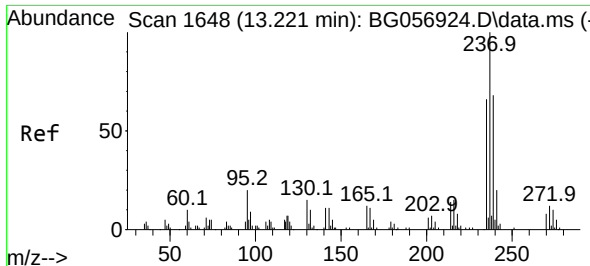


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.848 ng
RT: 13.243 min Scan# 1652
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27



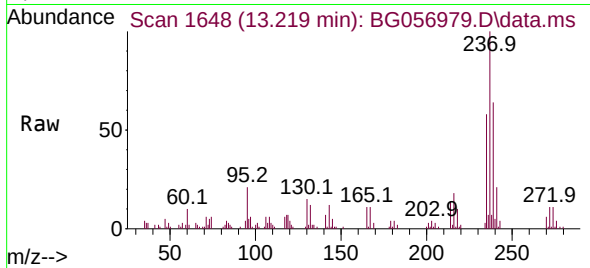
Tgt Ion:216 Resp: 89935
Ion Ratio Lower Upper
216 100
214 77.6 63.3 94.9
179 19.1 15.0 22.6
108 15.7 12.6 19.0





#41
Hexachlorocyclopentadiene
Concen: 45.025 ng
RT: 13.219 min Scan# 1648
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

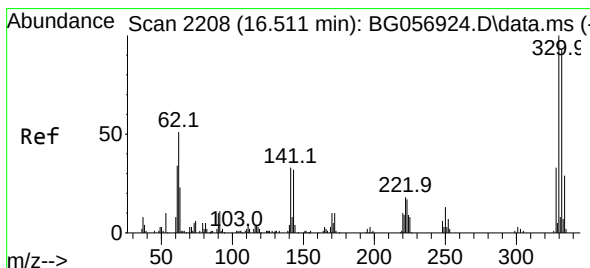
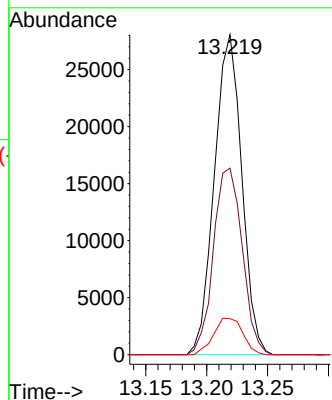
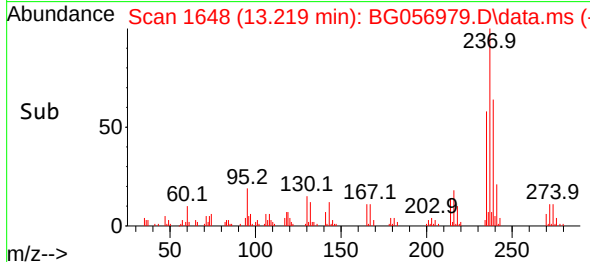
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



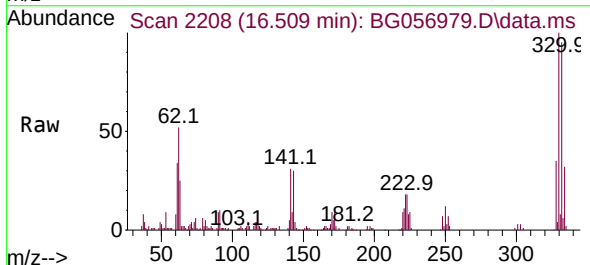
Tgt Ion: 237 Resp: 43872
Ion Ratio Lower Upper
237 100
235 58.3 45.9 85.9
272 11.2 0.0 32.3

Manual Integrations
APPROVED

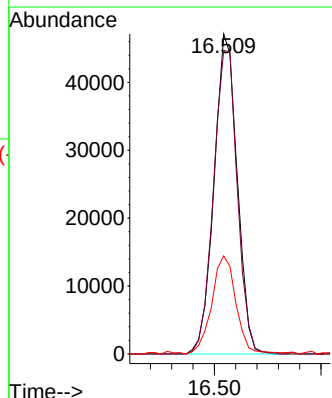
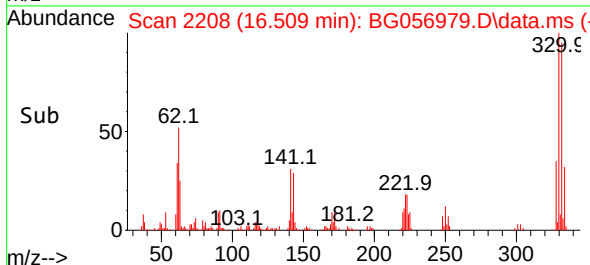
Reviewed By : Christian Giraldo 04/05/2023
Supervised By : Jagrut Upadhyay 04/05/2023

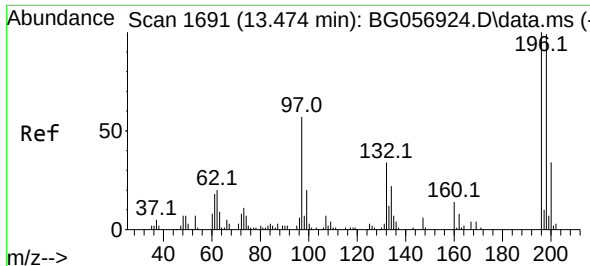


#42
2,4,6-Tribromophenol
Concen: 87.055 ng
RT: 16.509 min Scan# 2208
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27



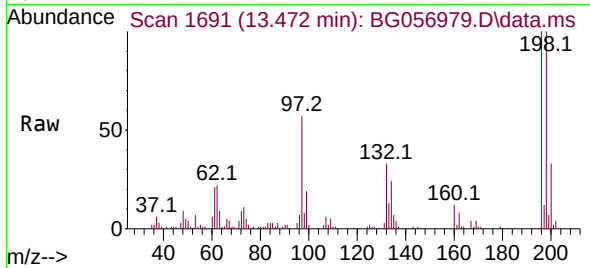
Tgt Ion: 330 Resp: 70934
Ion Ratio Lower Upper
330 100
332 98.0 76.1 114.1
141 32.2 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 49.049 ng
RT: 13.472 min Scan# 1691
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

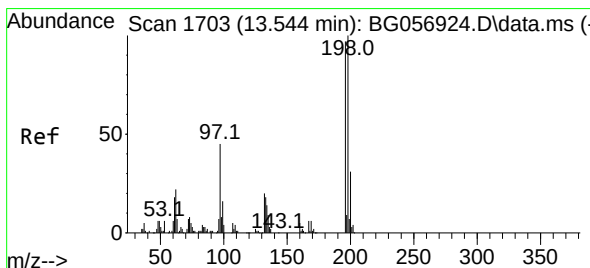
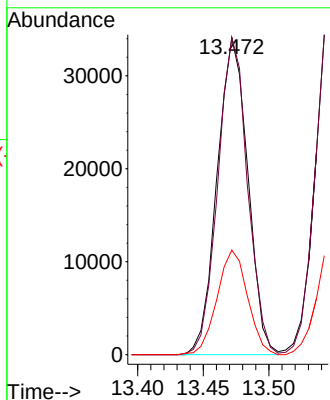
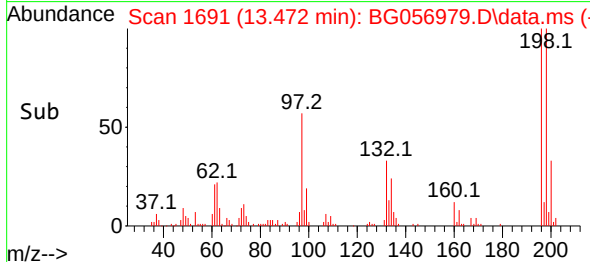
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



Tgt Ion:196 Resp: 55360
Ion Ratio Lower Upper
196 100
198 100.2 79.1 118.7
200 33.0 27.2 40.8

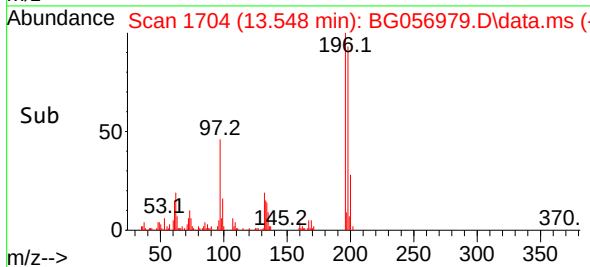
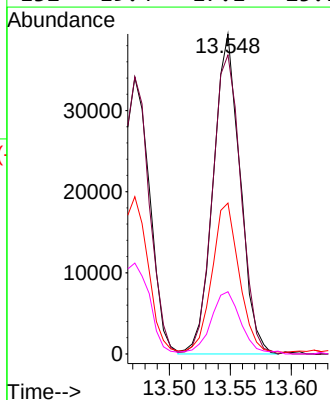
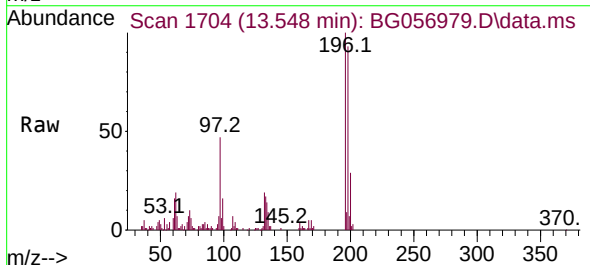
Manual Integrations
APPROVED

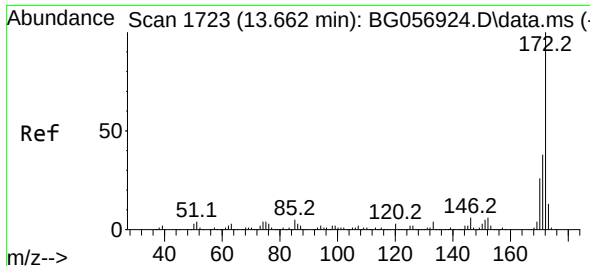
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#44
2,4,5-Trichlorophenol
Concen: 45.264 ng
RT: 13.548 min Scan# 1704
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:196 Resp: 60523
Ion Ratio Lower Upper
196 100
198 93.4 82.5 123.7
97 47.1 37.0 55.6
132 19.4 17.1 25.7





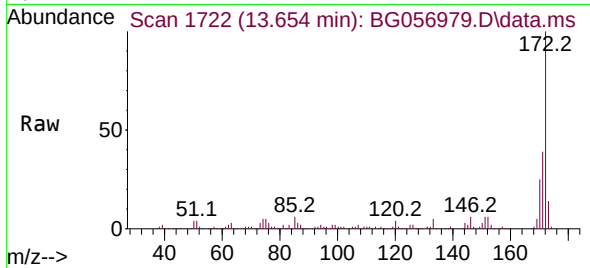
#45
2-Fluorobiphenyl
Concen: 61.786 ng
RT: 13.654 min Scan# 1722
Delta R.T. -0.008 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

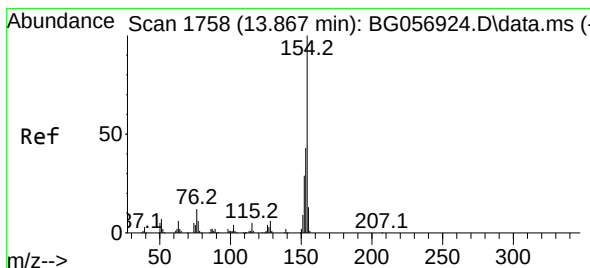
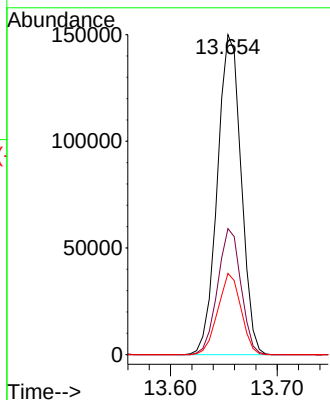
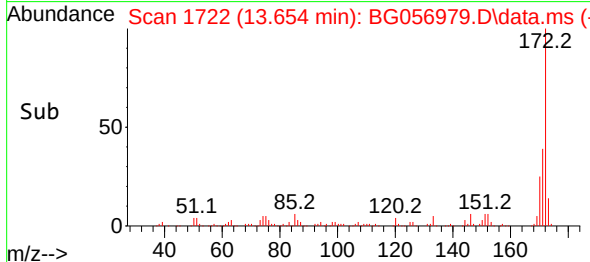


Tgt Ion:172 Resp: 232402
Ion Ratio Lower Upper
172 100
171 39.4 30.6 46.0
170 25.4 20.6 30.8

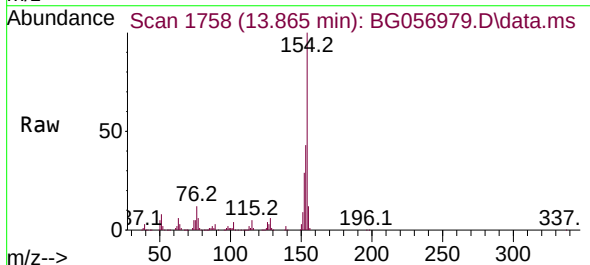
Manual Integrations

APPROVED

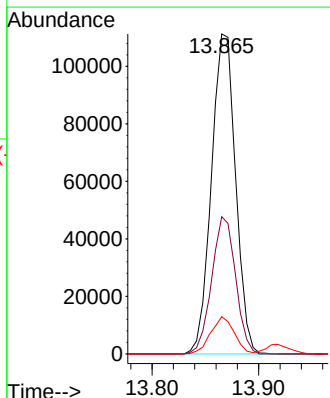
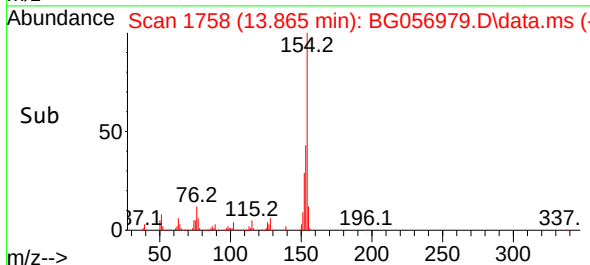
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

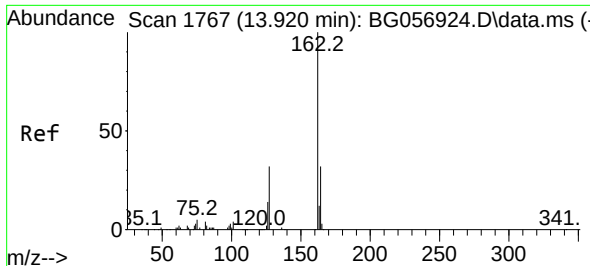


#46
1,1'-Biphenyl
Concen: 46.919 ng
RT: 13.865 min Scan# 1758
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27



Tgt Ion:154 Resp: 175181
Ion Ratio Lower Upper
154 100
153 42.9 23.4 63.4
76 11.6 0.0 31.6





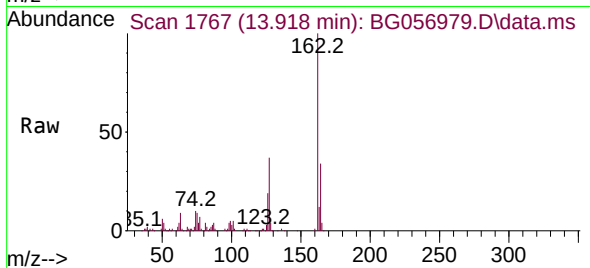
#47
2-Chloronaphthalene
Concen: 48.615 ng
RT: 13.918 min Scan# 1767
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

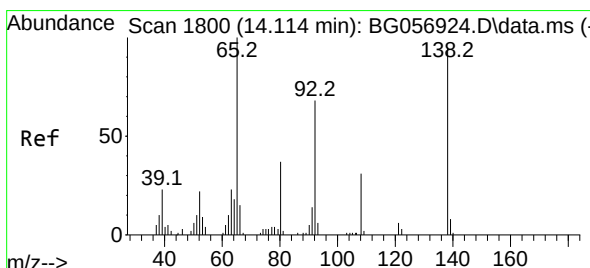
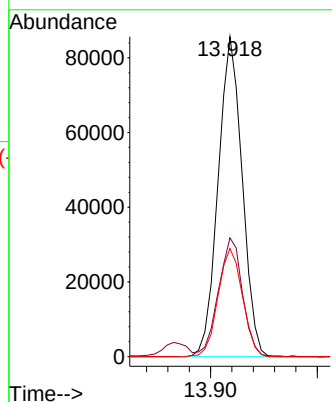
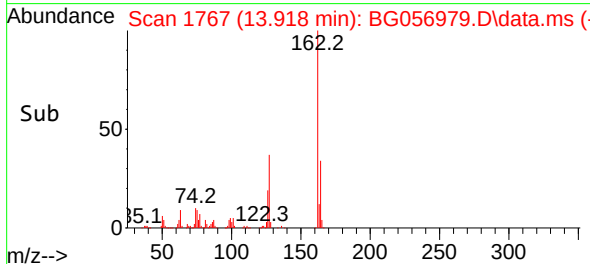


Tgt Ion:162 Resp: 13424
Ion Ratio Lower Upper
162 100
127 37.1 29.5 44.3
164 33.8 25.5 38.3

Manual Integrations

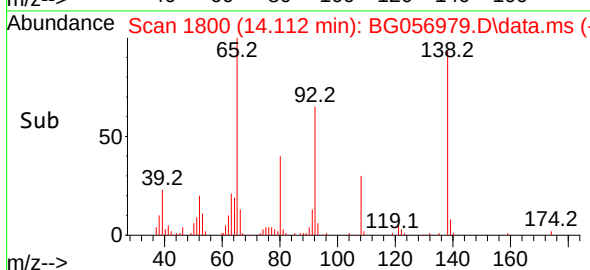
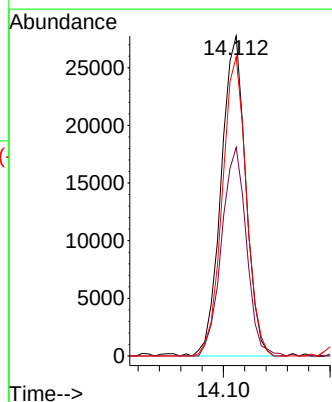
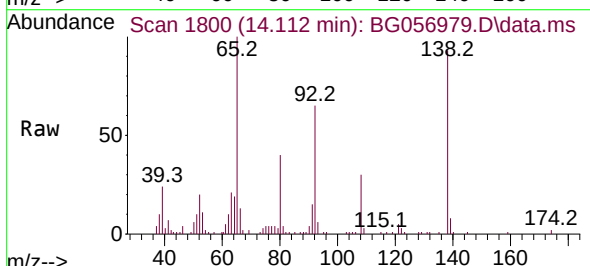
APPROVED

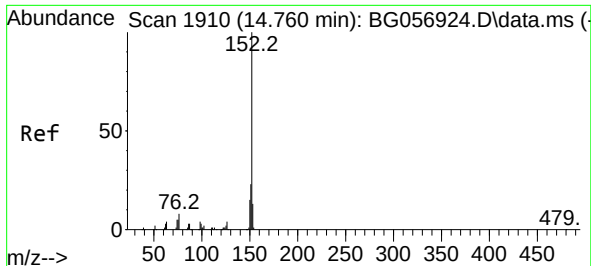
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#48
2-Nitroaniline
Concen: 44.921 ng
RT: 14.112 min Scan# 1800
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

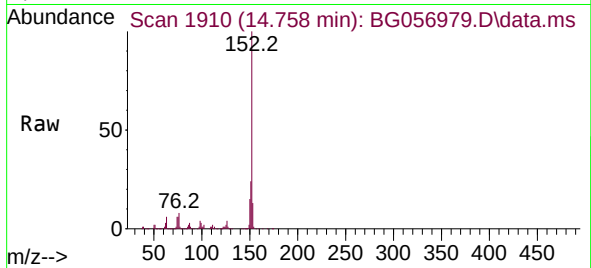
Tgt Ion: 65 Resp: 44356
Ion Ratio Lower Upper
65 100
92 65.1 54.3 81.5
138 93.5 76.0 114.0





#49
Acenaphthylene
Concen: 44.749 ng
RT: 14.758 min Scan# 1910
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

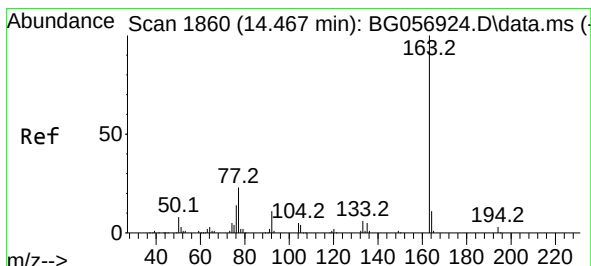
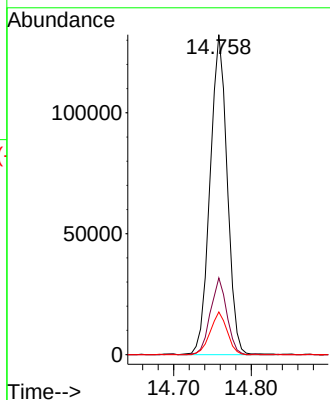
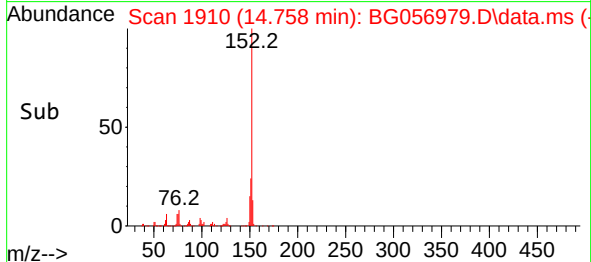
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



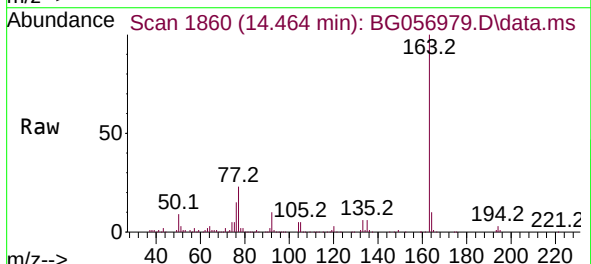
Tgt Ion:152 Resp: 203029
Ion Ratio Lower Upper
152 100
151 24.0 18.2 27.2
153 13.3 10.5 15.7

Manual Integrations
APPROVED

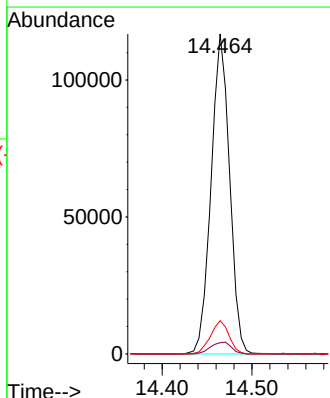
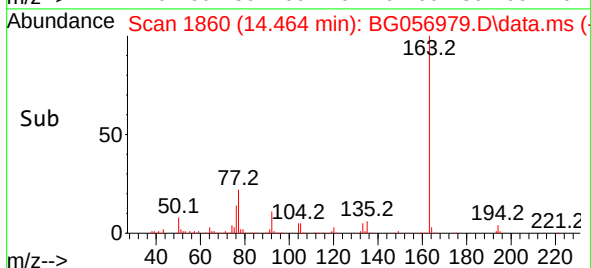
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

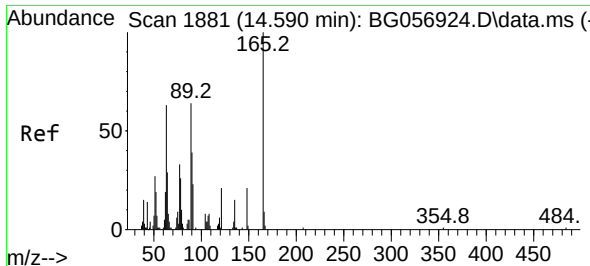


#50
Dimethylphthalate
Concen: 41.475 ng
RT: 14.464 min Scan# 1860
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27



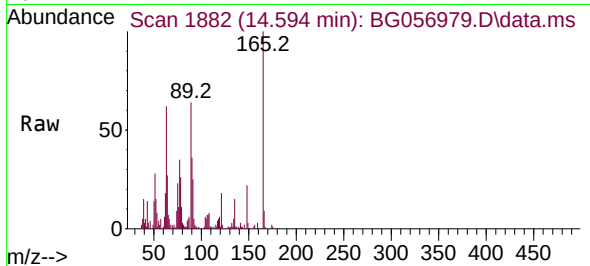
Tgt Ion:163 Resp: 166680
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.4 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 41.028 ng
RT: 14.594 min Scan# 1881
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

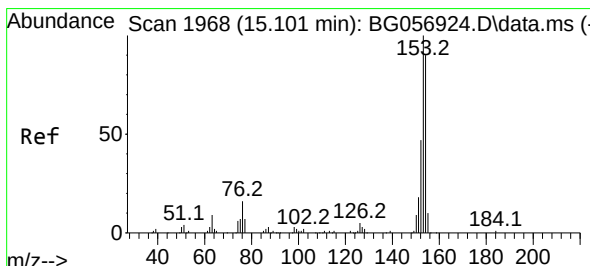
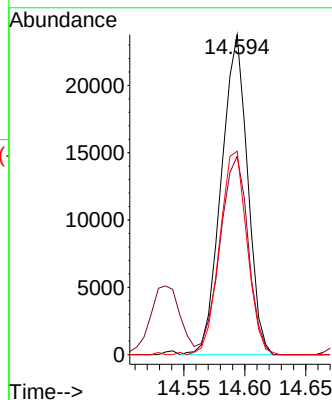
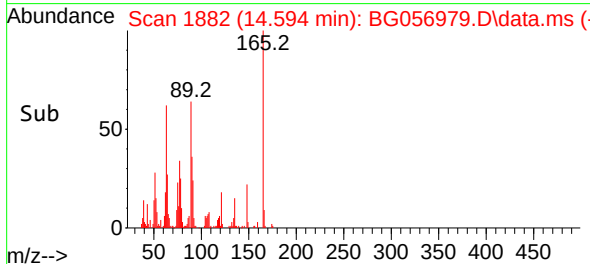
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



Tgt Ion:165 Resp: 35625
Ion Ratio Lower Upper
165 100
63 61.9 53.0 79.6
89 63.6 51.0 76.4

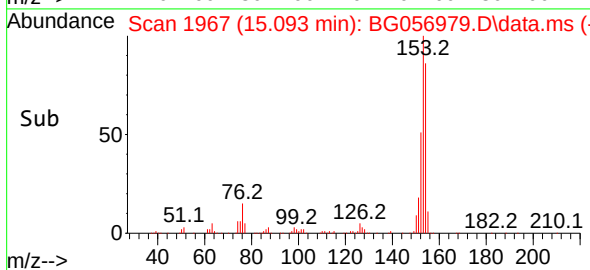
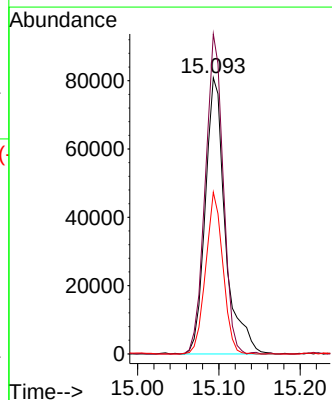
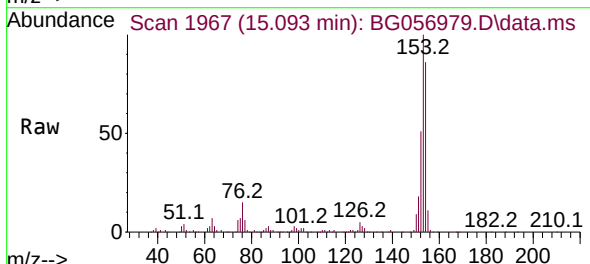
Manual Integrations
APPROVED

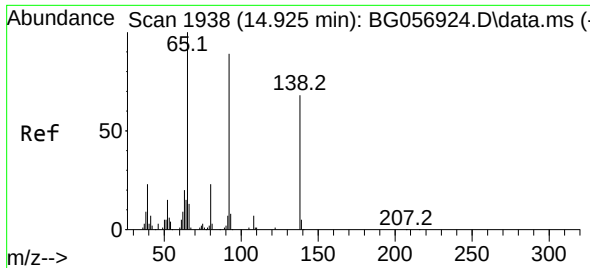
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#52
Acenaphthene
Concen: 44.229 ng
RT: 15.093 min Scan# 1967
Delta R.T. -0.008 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

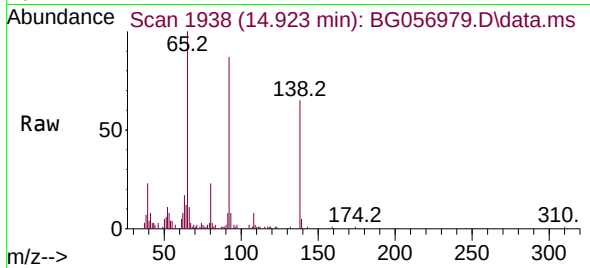
Tgt Ion:154 Resp: 138399
Ion Ratio Lower Upper
154 100
153 115.9 88.9 133.3
152 58.6 41.8 62.8





#53
3-Nitroaniline
Concen: 30.973 ng
RT: 14.923 min Scan# 1938
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

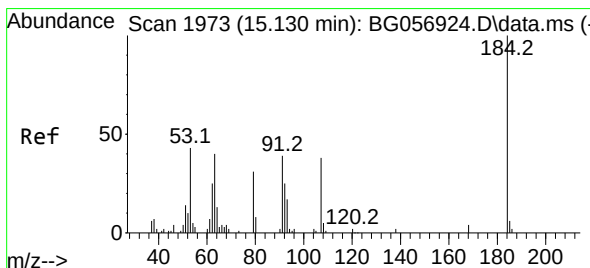
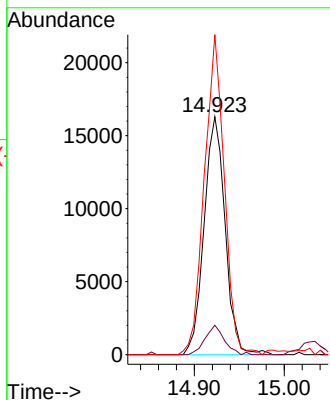
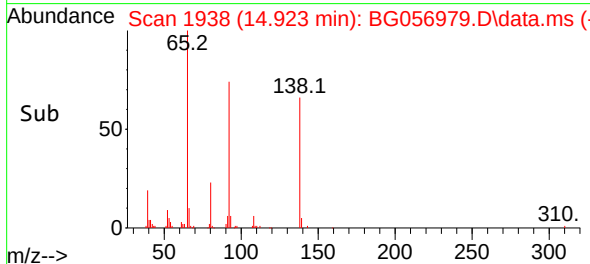
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



Tgt Ion:138 Resp: 26620
Ion Ratio Lower Upper
138 100
108 12.3 8.2 12.2
92 134.6 105.2 157.8

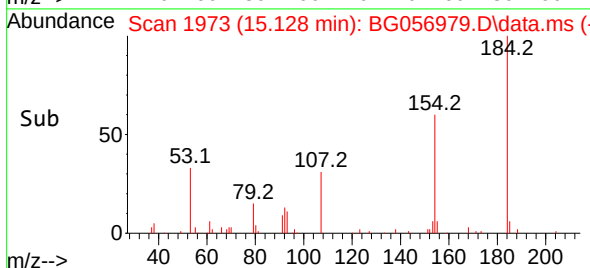
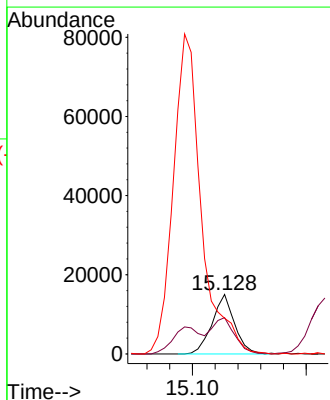
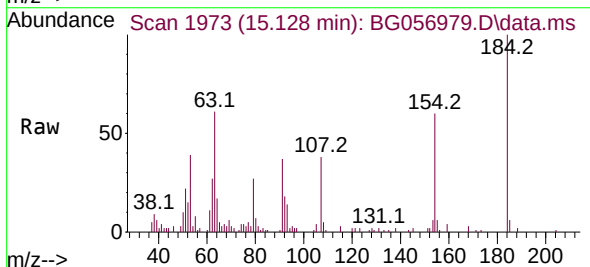
Manual Integrations
APPROVED

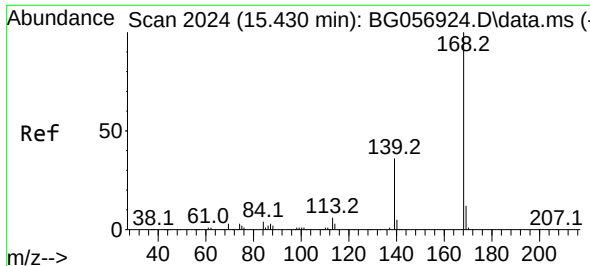
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#54
2,4-Dinitrophenol
Concen: 41.834 ng
RT: 15.128 min Scan# 1973
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

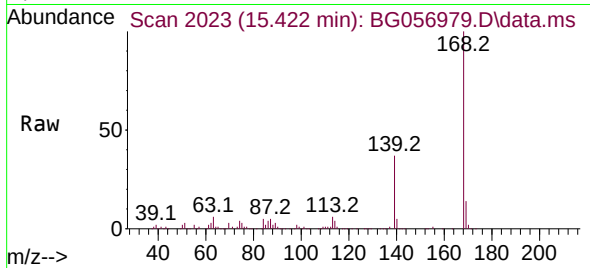
Tgt Ion:184 Resp: 20446
Ion Ratio Lower Upper
184 100
63 60.9 46.5 69.7
154 60.0 53.5 80.3





#55
Dibenzenofuran
Concen: 44.478 ng
RT: 15.422 min Scan# 20
Delta R.T. -0.008 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

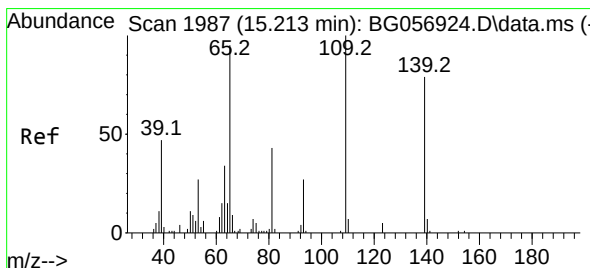
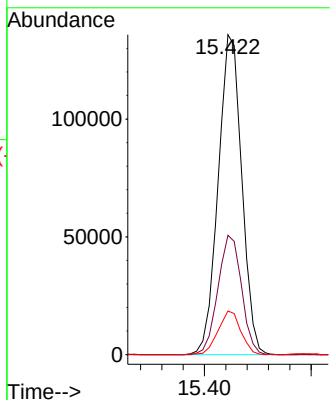
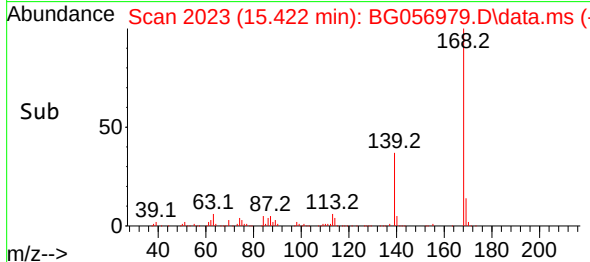
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



Tgt Ion:168 Resp: 208890
Ion Ratio Lower Upper
168 100
139 37.3 28.9 43.3
169 13.6 9.8 14.6

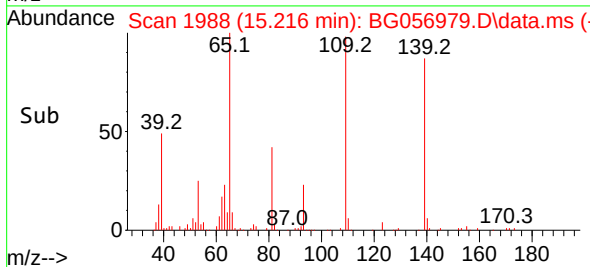
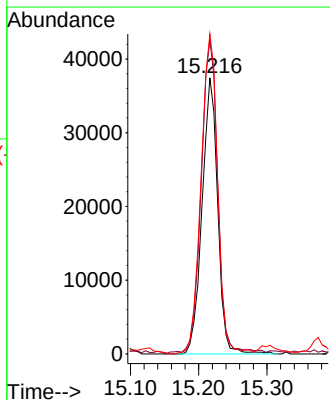
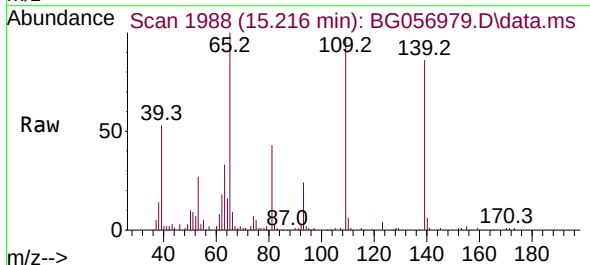
Manual Integrations
APPROVED

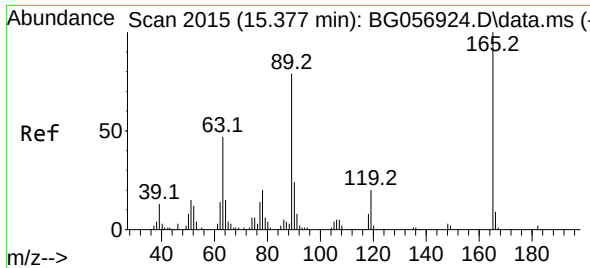
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#56
4-Nitrophenol
Concen: 93.804 ng
RT: 15.216 min Scan# 1988
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:139 Resp: 59617
Ion Ratio Lower Upper
139 100
109 113.6 106.7 146.7
65 115.9 100.5 140.5





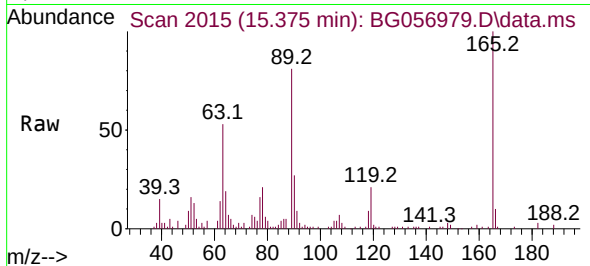
#57
2,4-Dinitrotoluene
Concen: 40.741 ng
RT: 15.375 min Scan# 2015
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

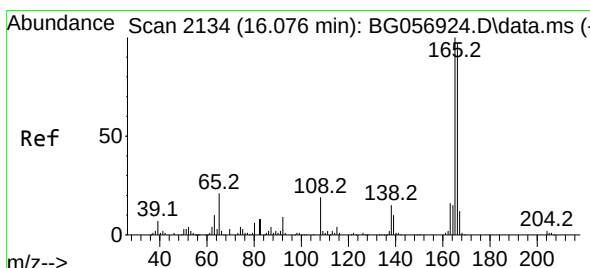
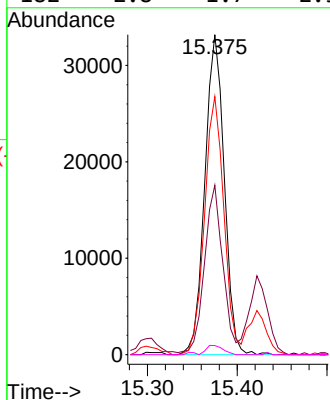
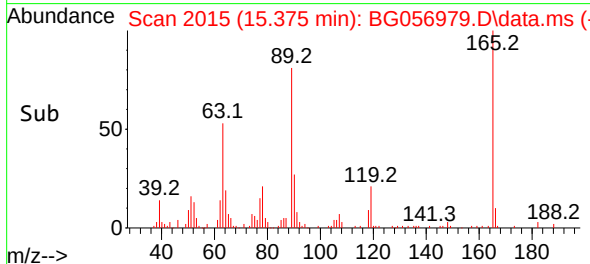


Tgt Ion:165 Resp: 49894
Ion Ratio Lower Upper
165 100
63 52.9 37.7 56.5
89 80.7 63.2 94.8
182 2.8 1.7 2.5#

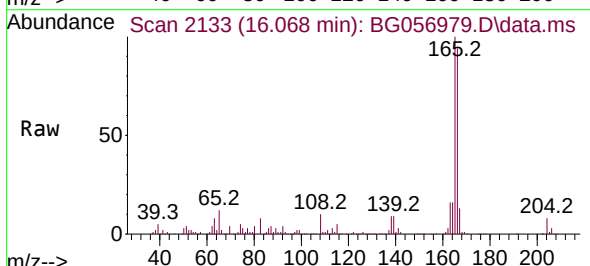
Manual Integrations

APPROVED

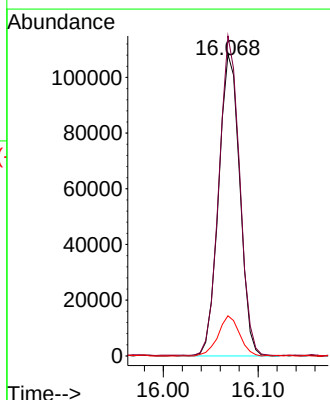
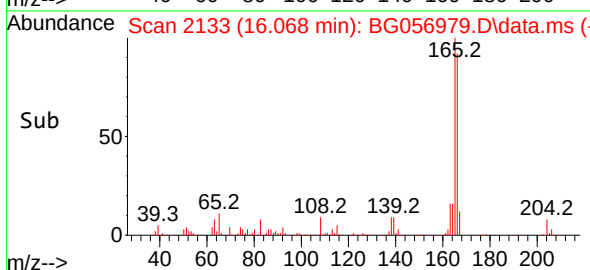
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

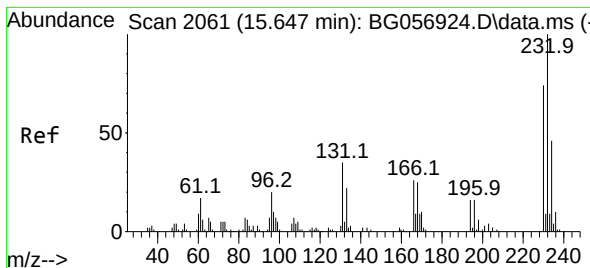


#58
Fluorene
Concen: 43.159 ng
RT: 16.068 min Scan# 2133
Delta R.T. -0.008 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27



Tgt Ion:166 Resp: 167725
Ion Ratio Lower Upper
166 100
165 106.1 82.6 123.8
167 13.3 10.2 15.2





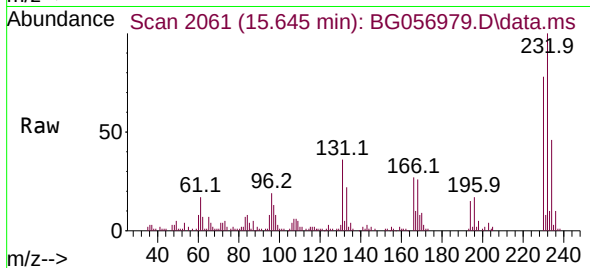
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.031 ng
RT: 15.645 min Scan# 2061
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

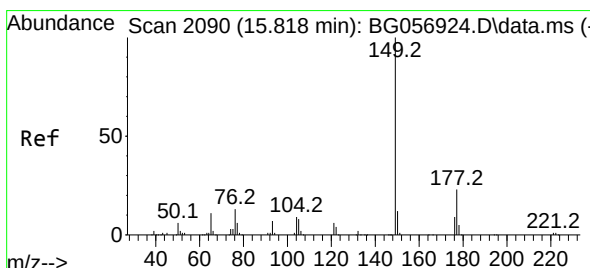
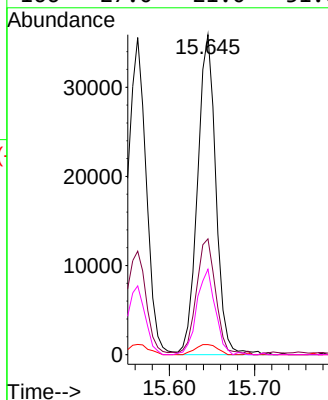
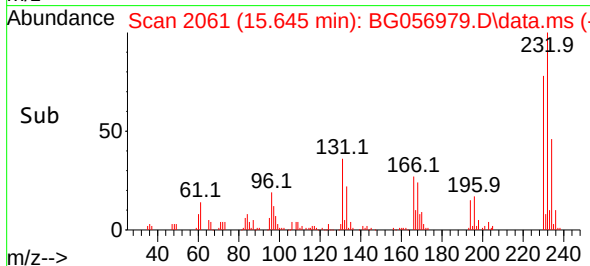


Tgt Ion:232 Resp: 53604
Ion Ratio Lower Upper
232 100
131 38.3 29.3 43.9
130 3.8 1.7 2.5
166 27.0 21.0 31.6

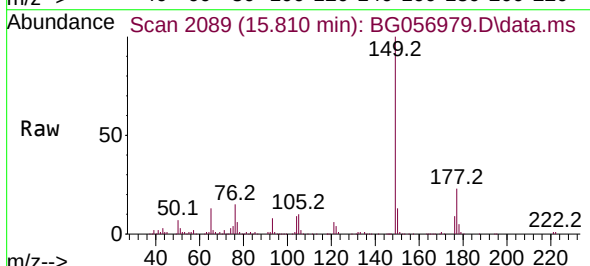
Manual Integrations

APPROVED

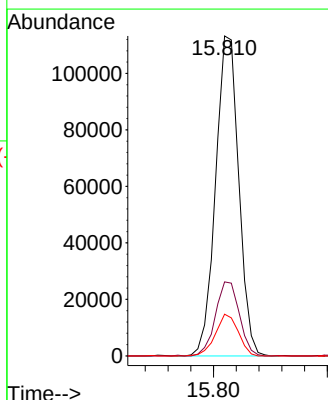
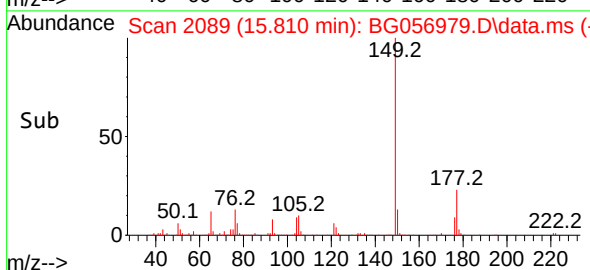
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

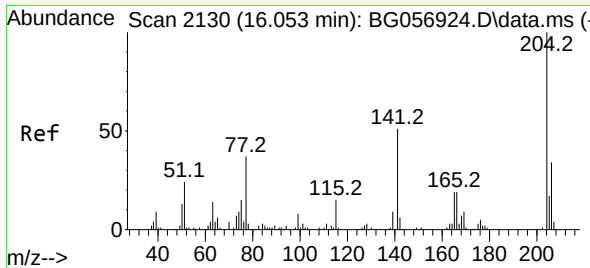


#60
Diethylphthalate
Concen: 39.648 ng
RT: 15.810 min Scan# 2089
Delta R.T. -0.008 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27



Tgt Ion:149 Resp: 159737
Ion Ratio Lower Upper
149 100
177 23.1 18.8 28.2
150 13.0 9.4 14.2





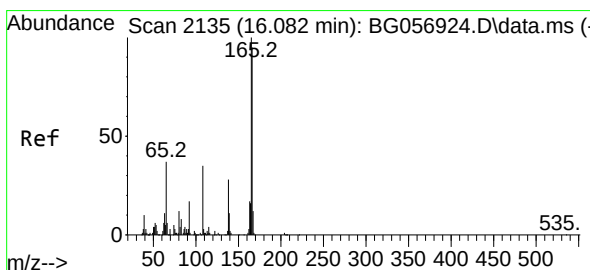
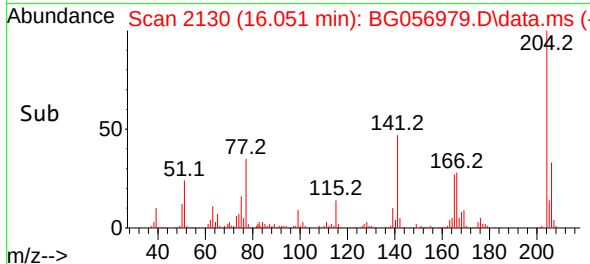
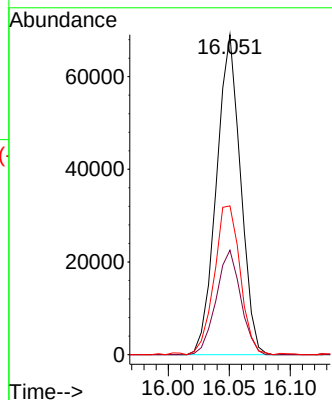
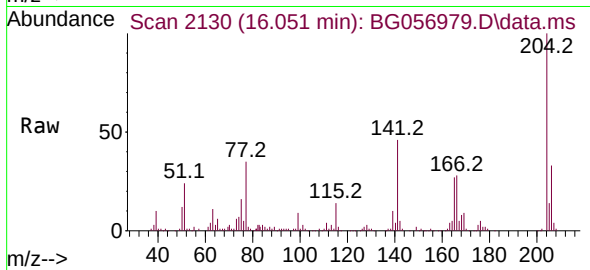
#61
4-Chlorophenyl-phenylether
Concen: 41.576 ng
RT: 16.051 min Scan# 2130
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

Tgt Ion:204 Resp: 94866
Ion Ratio Lower Upper
204 100
206 32.6 27.2 40.8
141 46.5 40.7 61.1

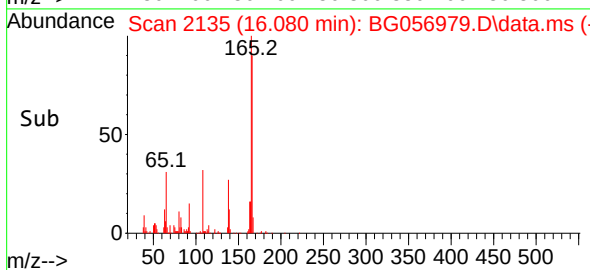
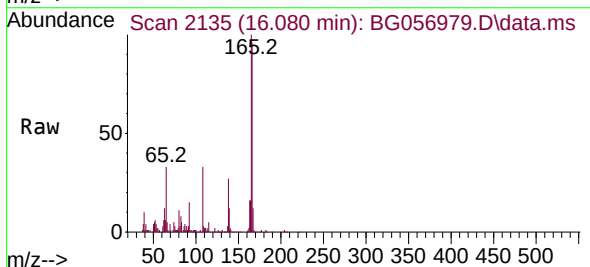
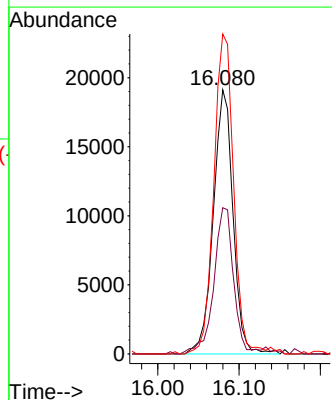
Manual Integrations
APPROVED

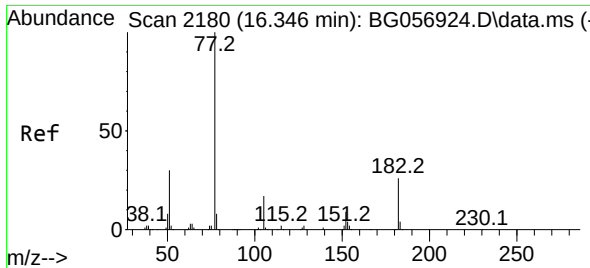
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#62
4-Nitroaniline
Concen: 36.232 ng
RT: 16.080 min Scan# 2135
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

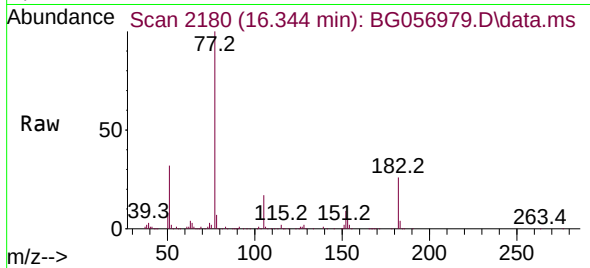
Tgt Ion:138 Resp: 32264
Ion Ratio Lower Upper
138 100
92 55.3 40.9 80.9
108 121.2 104.3 144.3





#63
Azobenzene
Concen: 41.989 ng
RT: 16.344 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

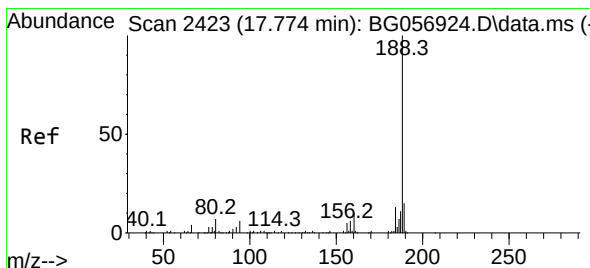
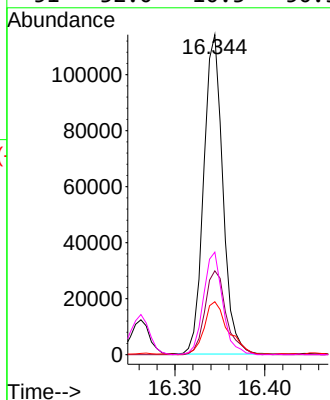
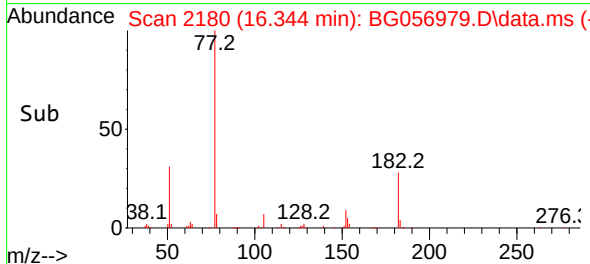
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



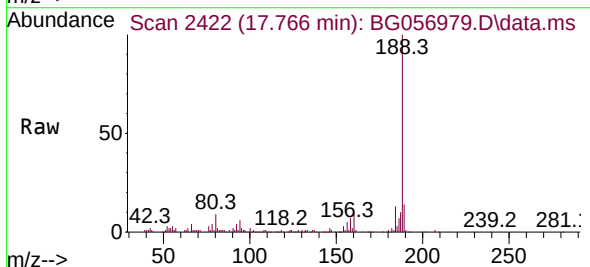
Tgt Ion: 77 Resp: 168590
Ion Ratio Lower Upper
77 100
182 26.2 5.9 45.9
105 16.5 0.0 36.8
51 32.0 10.3 50.3

Manual Integrations
APPROVED

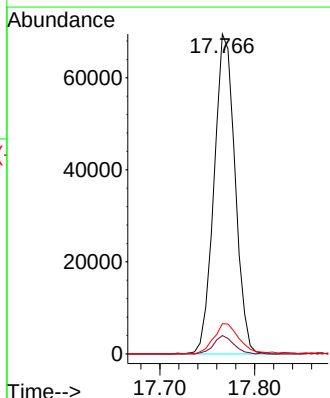
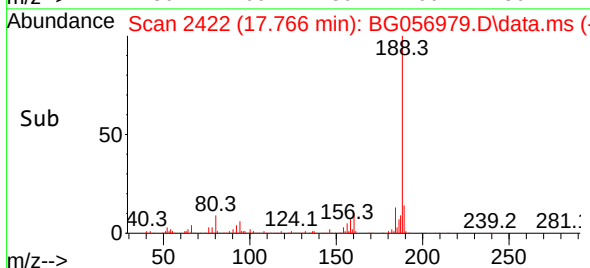
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

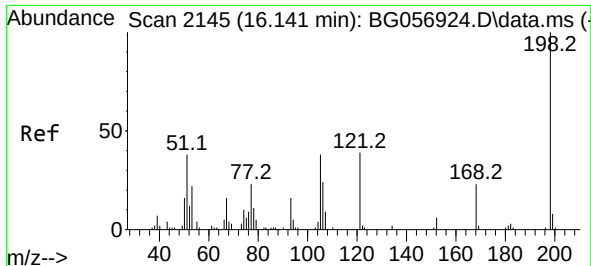


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.766 min Scan# 2422
Delta R.T. -0.008 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27



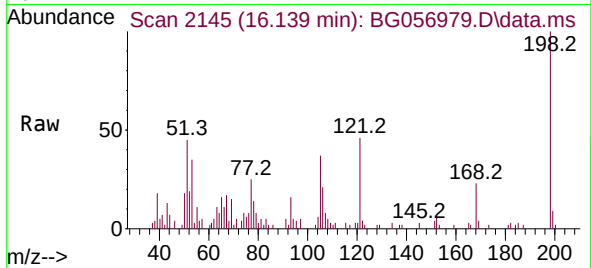
Tgt Ion:188 Resp: 106834
Ion Ratio Lower Upper
188 100
94 5.7 4.6 6.8
80 9.4 5.5 8.3





#65
4,6-Dinitro-2-methylphenol
Concen: 22.979 ng
RT: 16.139 min Scan# 2145
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

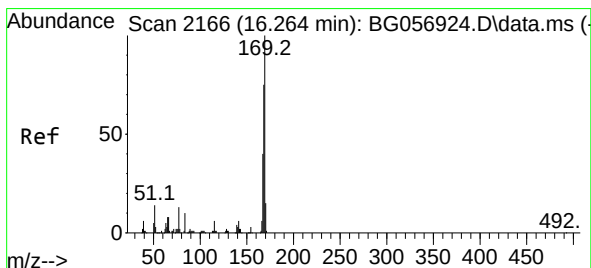
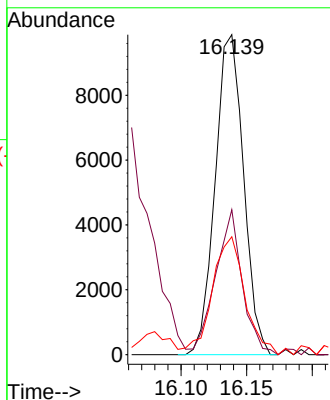
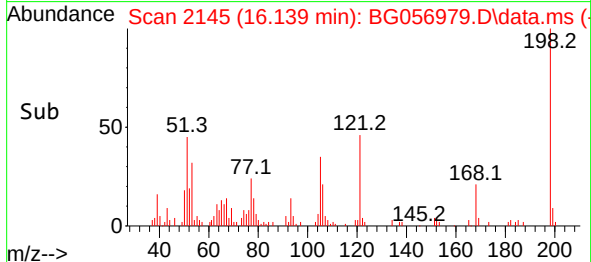
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



Tgt Ion:198 Resp: 14868
Ion Ratio Lower Upper
198 100
51 45.3 20.5 60.5
105 36.8 18.1 58.1

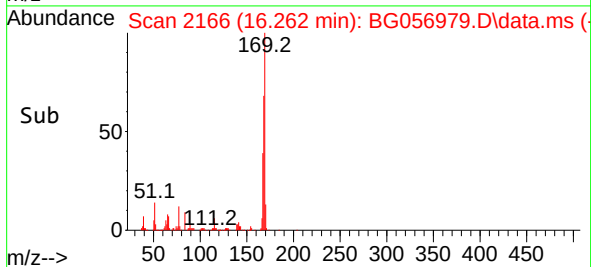
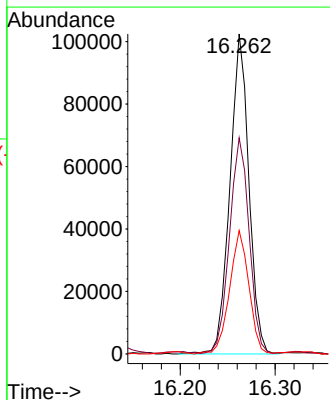
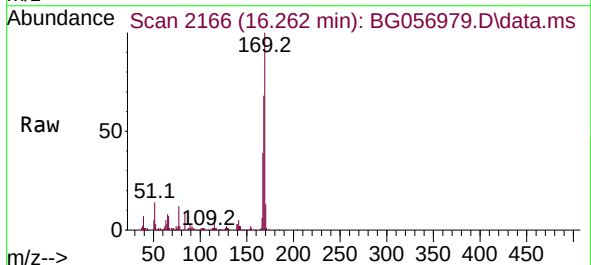
Manual Integrations
APPROVED

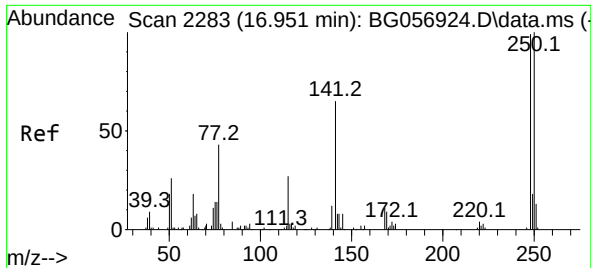
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#66
n-Nitrosodiphenylamine
Concen: 49.671 ng
RT: 16.262 min Scan# 2166
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:169 Resp: 142452
Ion Ratio Lower Upper
169 100
168 67.5 59.6 89.4
167 38.5 31.8 47.8





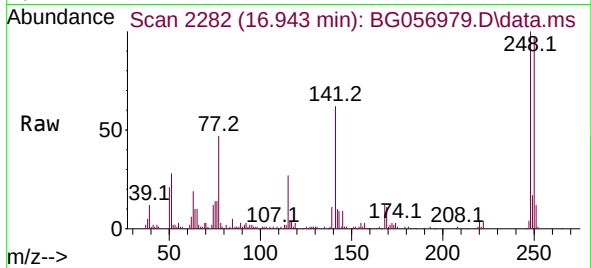
#67
4-Bromophenyl-phenylether
Concen: 45.374 ng
RT: 16.943 min Scan# 2282
Delta R.T. -0.008 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

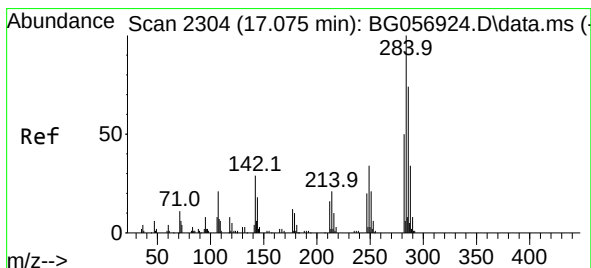
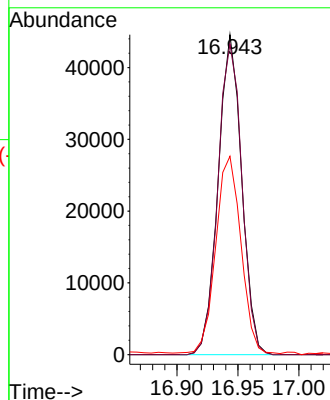
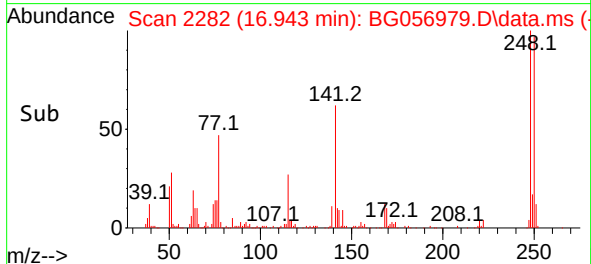


Tgt Ion:248 Resp: 59979
Ion Ratio Lower Upper
248 100
250 97.0 80.5 120.7
141 62.0 52.0 78.0

Manual Integrations

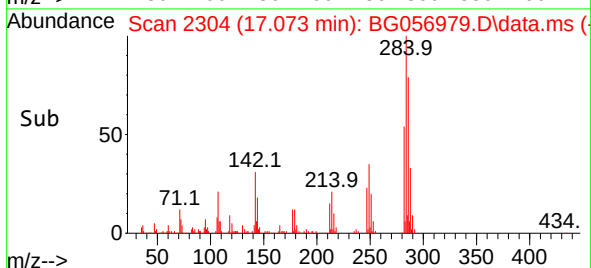
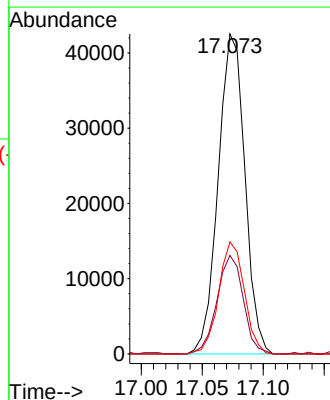
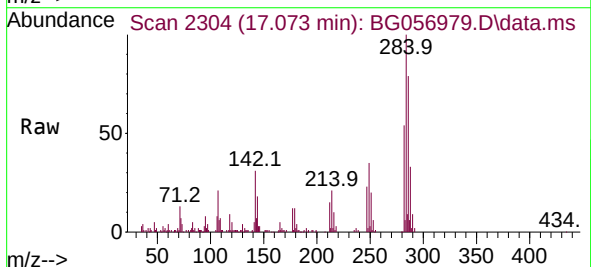
APPROVED

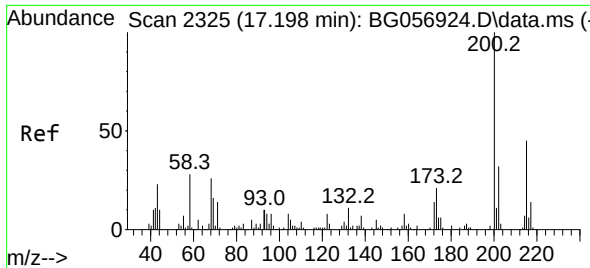
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#68
Hexachlorobenzene
Concen: 49.572 ng
RT: 17.073 min Scan# 2304
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:284 Resp: 64785
Ion Ratio Lower Upper
284 100
142 30.8 23.0 34.4
249 35.0 27.1 40.7





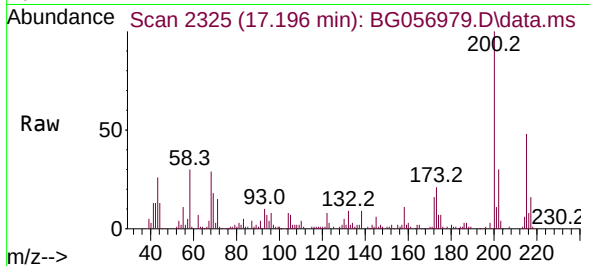
#69
 Atrazine
 Concen: 47.797 ng
 RT: 17.196 min Scan# 2325
 Delta R.T. -0.002 min
 Lab File: BG056979.D
 Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

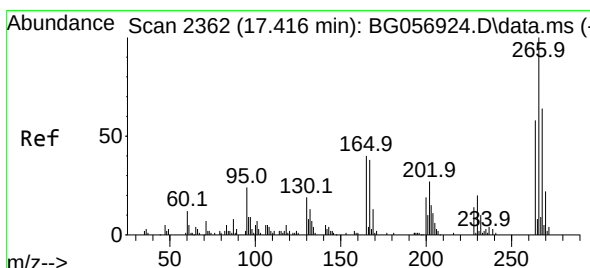
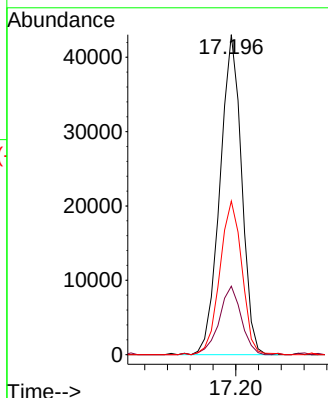
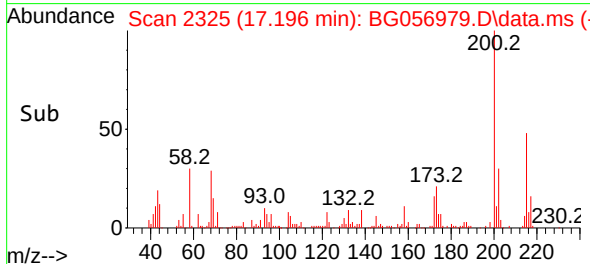


Tgt Ion:200 Resp: 56901
 Ion Ratio Lower Upper
 200 100
 173 21.4 1.0 41.0
 215 48.0 25.0 65.0

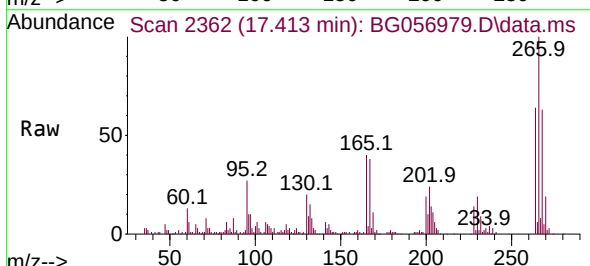
Manual Integrations

APPROVED

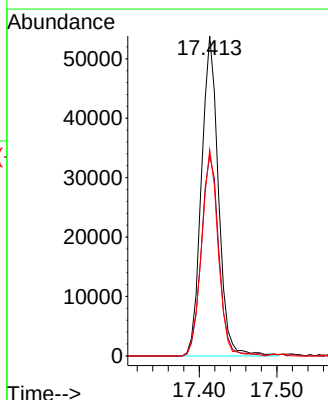
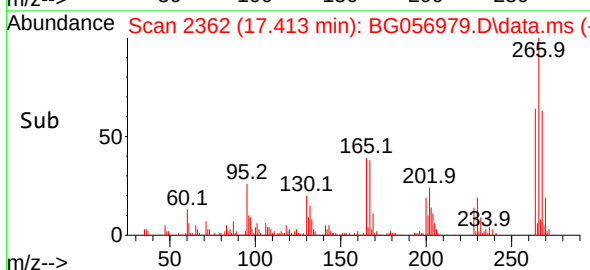
Reviewed By :Christian Giraldo 04/05/2023
 Supervised By :Jagrut Upadhyay 04/05/2023

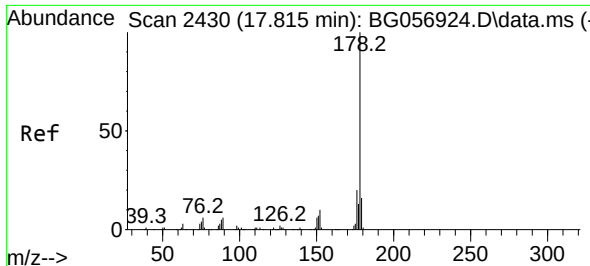


#70
 Pentachlorophenol
 Concen: 87.126 ng
 RT: 17.413 min Scan# 2362
 Delta R.T. -0.002 min
 Lab File: BG056979.D
 Acq: 5 Apr 2023 00:27



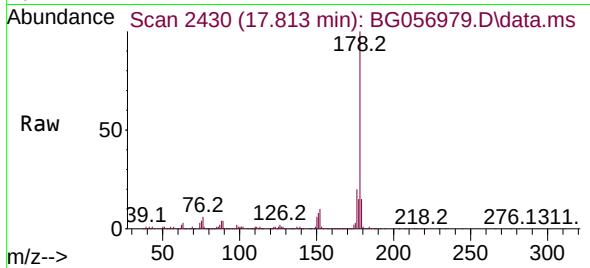
Tgt Ion:266 Resp: 81687
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.0 76.6
 264 64.4 46.8 70.2





#71
Phenanthrene
Concen: 55.253 ng
RT: 17.813 min Scan# 2430
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

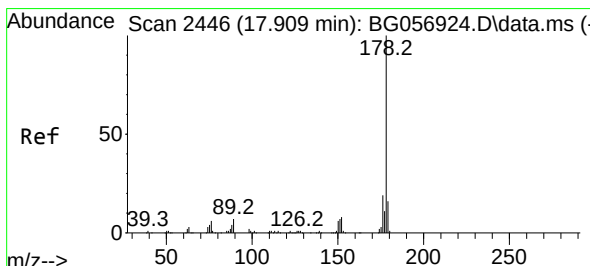
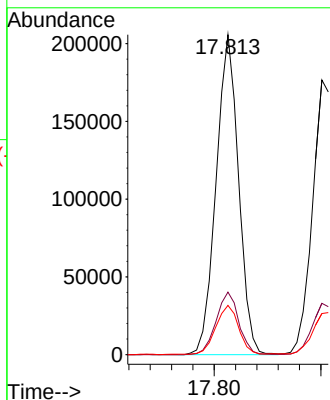
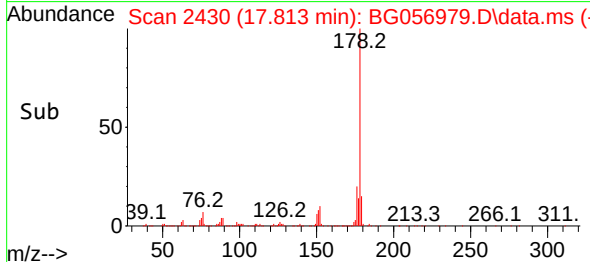
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



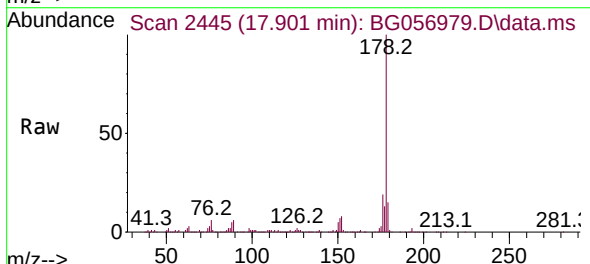
Tgt Ion:178 Resp: 300959
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.2
179 15.4 12.5 18.7

Manual Integrations
APPROVED

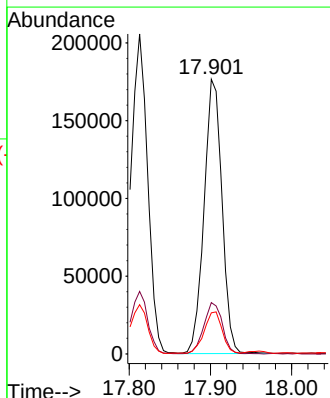
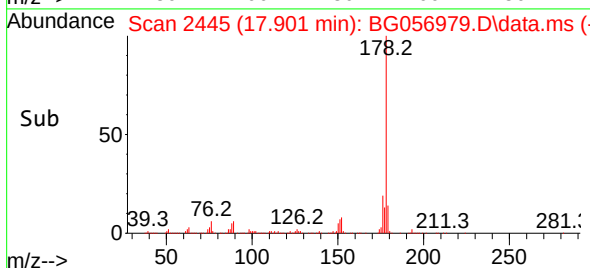
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

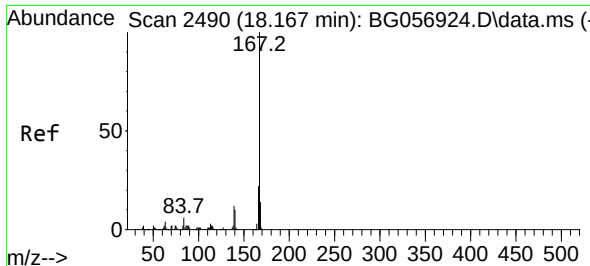


#72
Anthracene
Concen: 48.505 ng
RT: 17.901 min Scan# 2445
Delta R.T. -0.008 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27



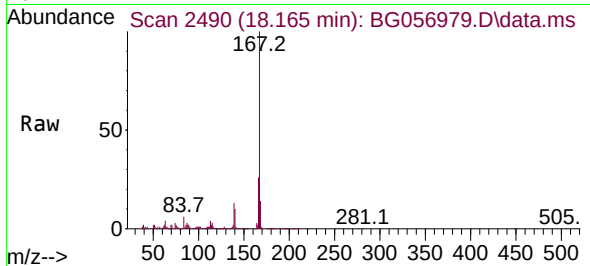
Tgt Ion:178 Resp: 270841
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.0 12.4 18.6





#73
 Carbazole
 Concen: 45.027 ng
 RT: 18.165 min Scan# 2490
 Delta R.T. -0.002 min
 Lab File: BG056979.D
 Acq: 5 Apr 2023 00:27

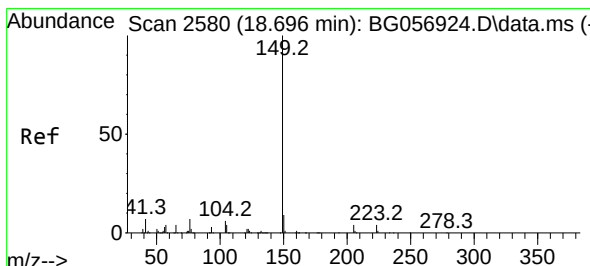
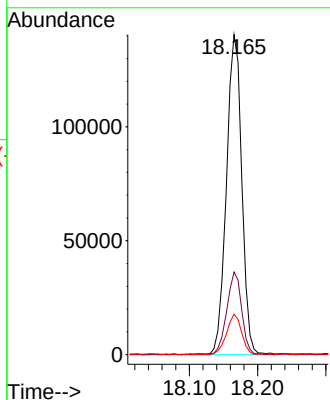
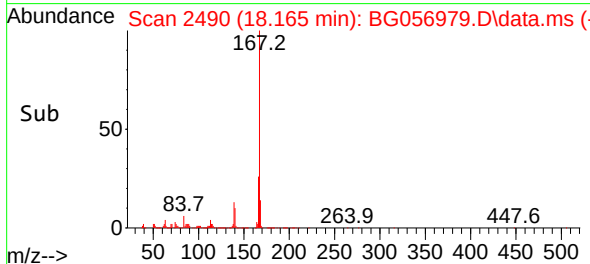
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-040323MSD



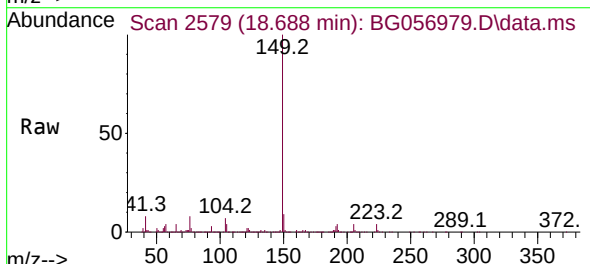
Tgt Ion:167 Resp: 219206
 Ion Ratio Lower Upper
 167 100
 166 25.8 17.9 26.9
 139 12.6 9.5 14.3

Manual Integrations
 APPROVED

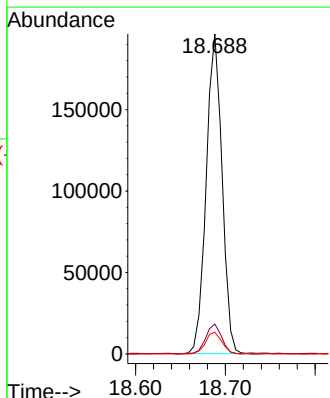
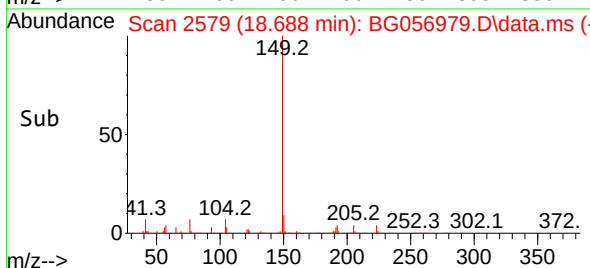
Reviewed By :Christian Giraldo 04/05/2023
 Supervised By :Jagrut Upadhyay 04/05/2023

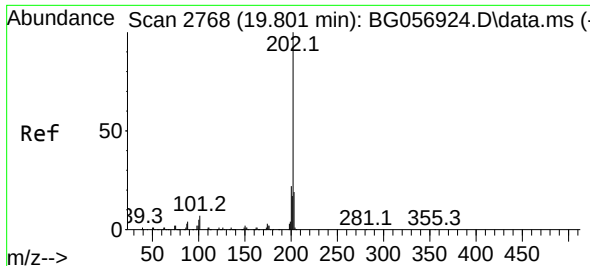


#74
 Di-n-butylphthalate
 Concen: 42.609 ng
 RT: 18.688 min Scan# 2579
 Delta R.T. -0.008 min
 Lab File: BG056979.D
 Acq: 5 Apr 2023 00:27



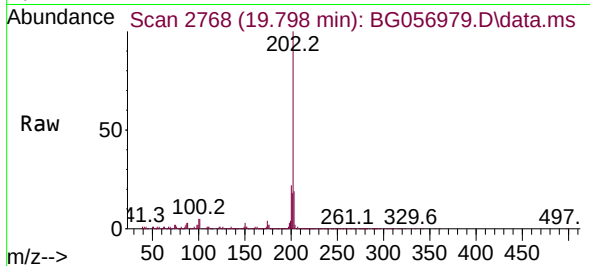
Tgt Ion:149 Resp: 240206
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 6.8 4.9 7.3





#75
Fluoranthene
Concen: 62.816 ng
RT: 19.798 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

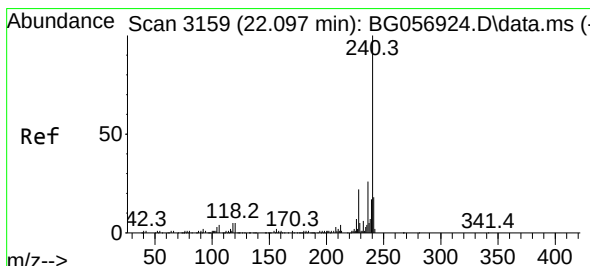
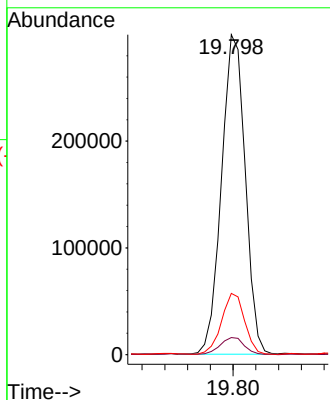
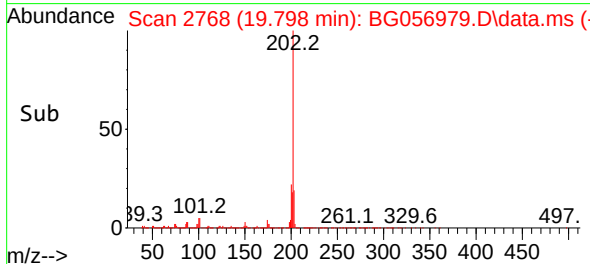
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



Tgt Ion:202 Resp: 433730
Ion Ratio Lower Upper
202 100
101 5.4 0.0 26.7
203 19.1 0.0 39.0

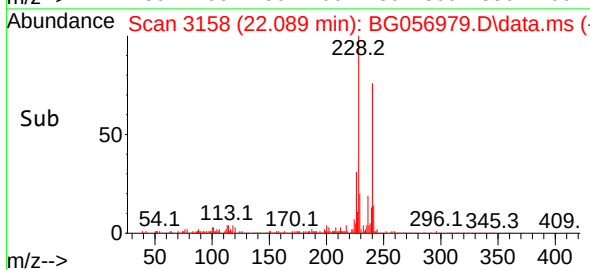
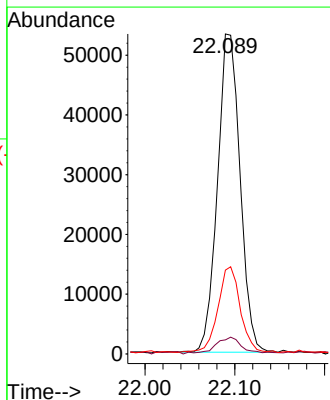
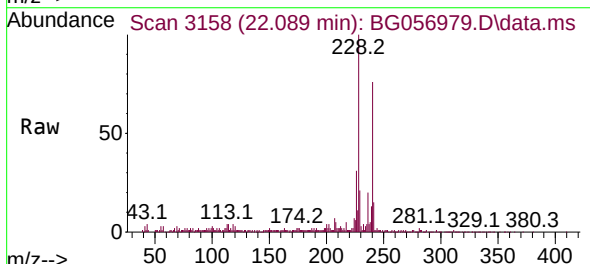
Manual Integrations
APPROVED

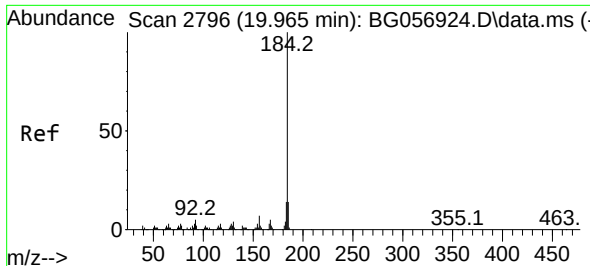
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.089 min Scan# 3158
Delta R.T. -0.008 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:240 Resp: 93319
Ion Ratio Lower Upper
240 100
120 4.4 3.8 5.6
236 26.2 21.0 31.6





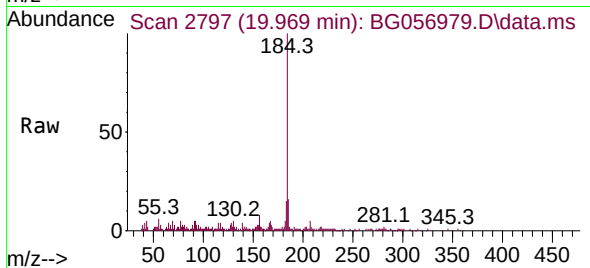
#77
Benzidine
Concen: 24.509 ng
RT: 19.969 min Scan# 2797
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

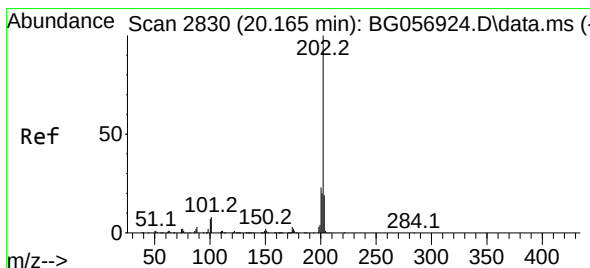
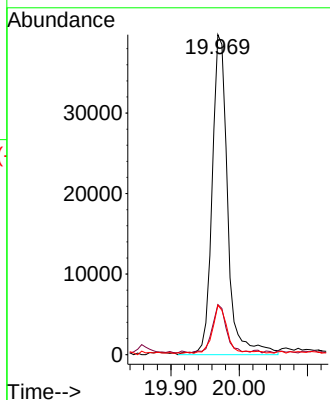
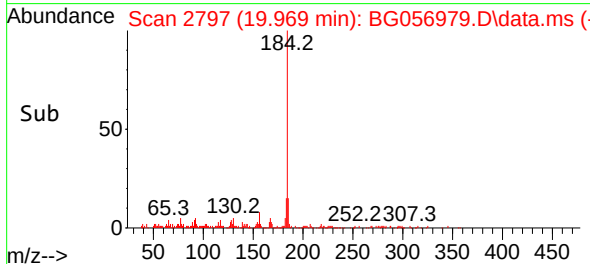


Tgt Ion:184 Resp: 62516
Ion Ratio Lower Upper
184 100
185 15.7 11.0 16.4
183 15.4 11.4 17.0

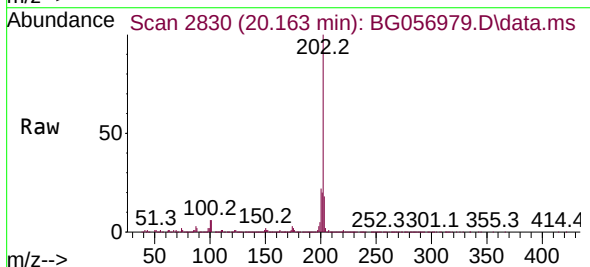
Manual Integrations

APPROVED

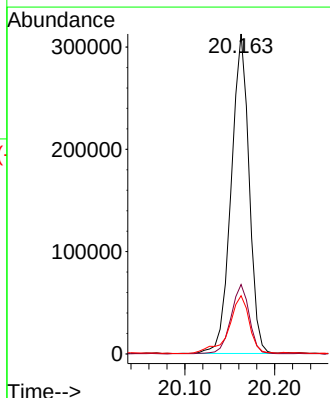
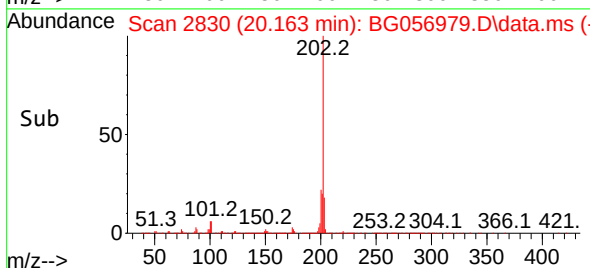
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

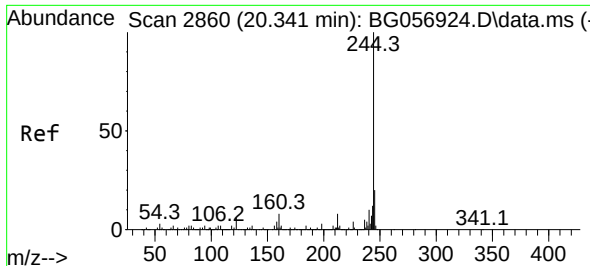


#78
Pyrene
Concen: 67.169 ng
RT: 20.163 min Scan# 2830
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27



Tgt Ion:202 Resp: 433539
Ion Ratio Lower Upper
202 100
200 21.7 18.7 28.1
203 18.2 15.4 23.2





#79
 Terphenyl-d14
 Concen: 61.595 ng
 RT: 20.339 min Scan# 2860
 Delta R.T. -0.002 min
 Lab File: BG056979.D
 Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

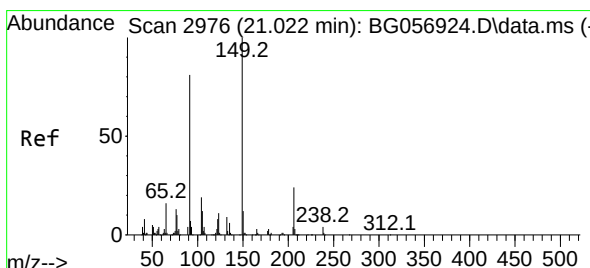
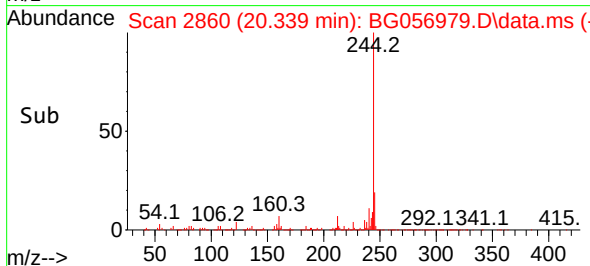
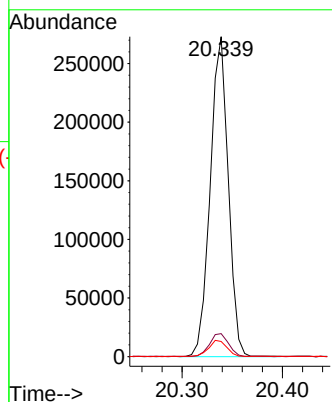
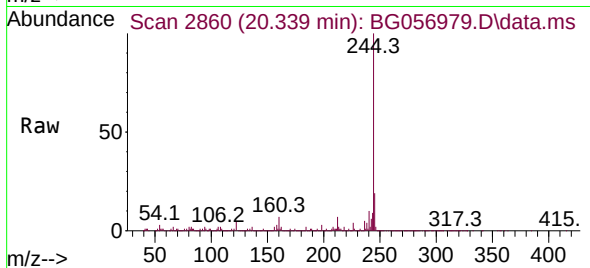
TR-04-040323MSD

Tgt Ion:244 Resp: 339684
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 4.7 5.0 7.4

Manual Integrations

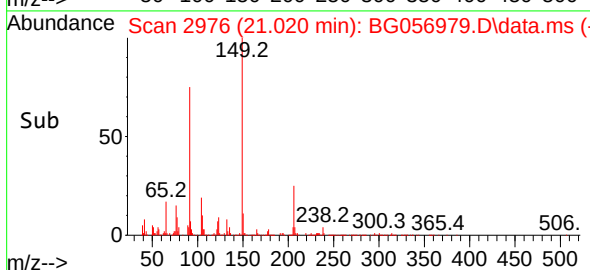
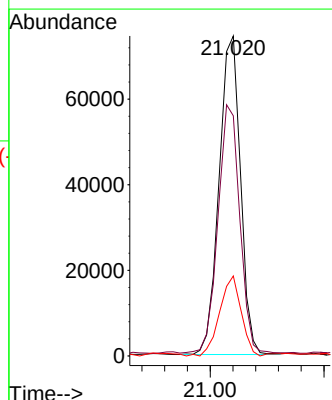
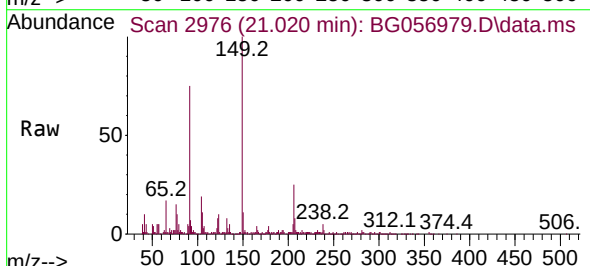
APPROVED

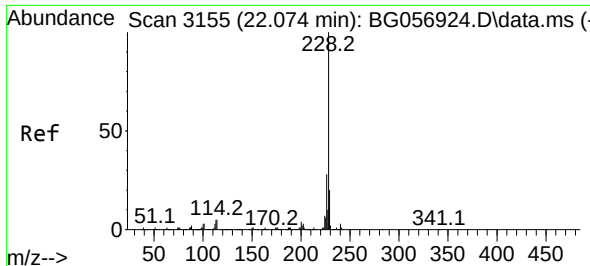
Reviewed By :Christian Giraldo 04/05/2023
 Supervised By :Jagrut Upadhyay 04/05/2023



#80
 Butylbenzylphthalate
 Concen: 43.808 ng
 RT: 21.020 min Scan# 2976
 Delta R.T. -0.002 min
 Lab File: BG056979.D
 Acq: 5 Apr 2023 00:27

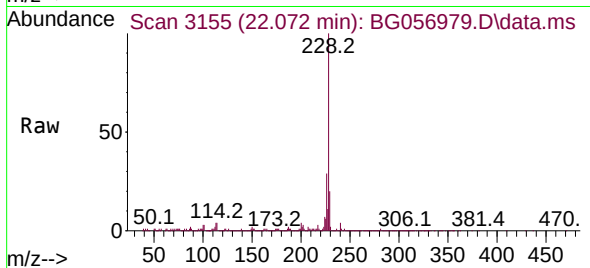
Tgt Ion:149 Resp: 97302
 Ion Ratio Lower Upper
 149 100
 91 75.0 64.4 96.6
 206 25.0 18.9 28.3





#81
Benzo(a)anthracene
Concen: 62.263 ng
RT: 22.072 min Scan# 3155
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

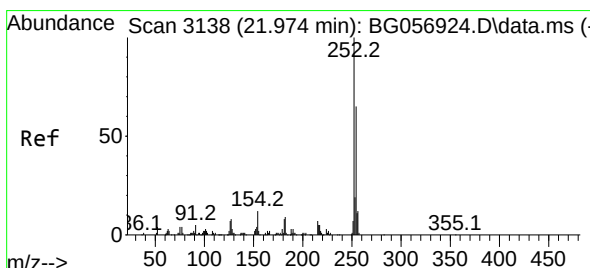
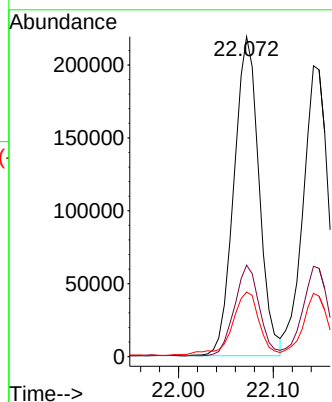
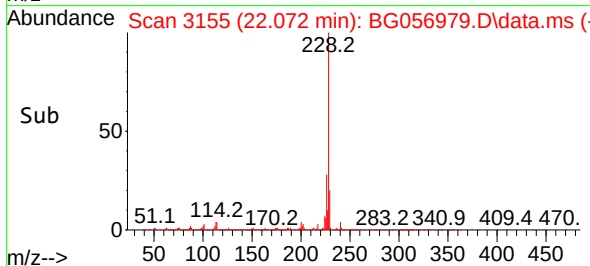
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



Tgt Ion:228 Resp: 402071
Ion Ratio Lower Upper
228 100
226 28.6 22.1 33.1
229 20.2 16.1 24.1

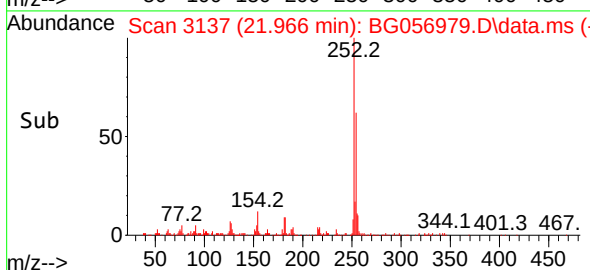
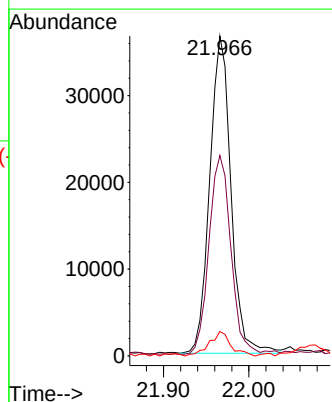
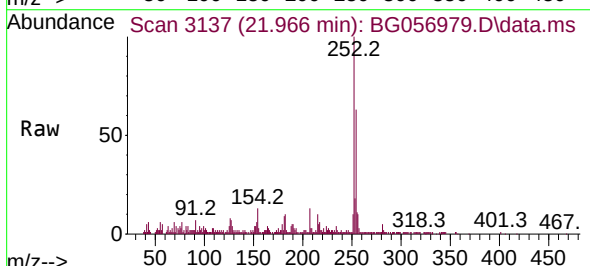
Manual Integrations
APPROVED

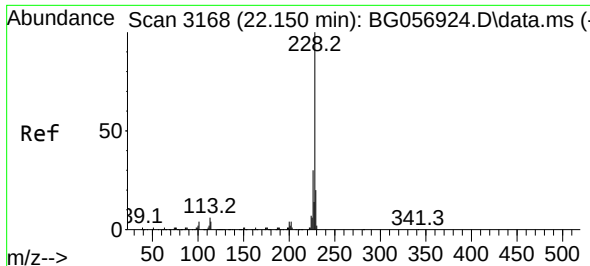
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#82
3,3'-Dichlorobenzidine
Concen: 28.971 ng
RT: 21.966 min Scan# 3137
Delta R.T. -0.008 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

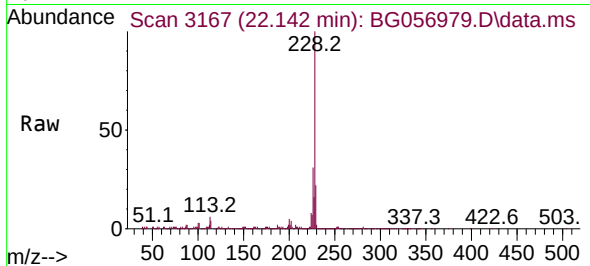
Tgt Ion:252 Resp: 63175
Ion Ratio Lower Upper
252 100
254 62.6 51.7 77.5
126 7.6 5.6 8.4





#83
Chrysene
Concen: 59.951 ng
RT: 22.142 min Scan# 3168
Delta R.T. -0.008 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

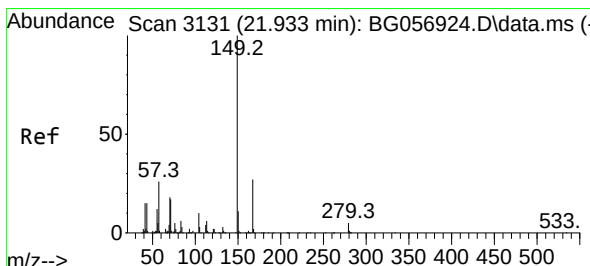
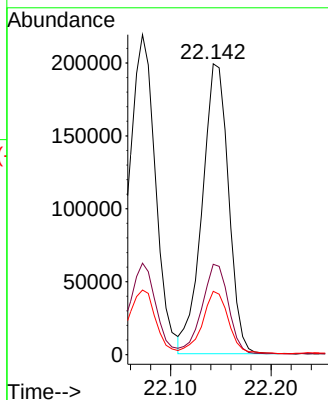
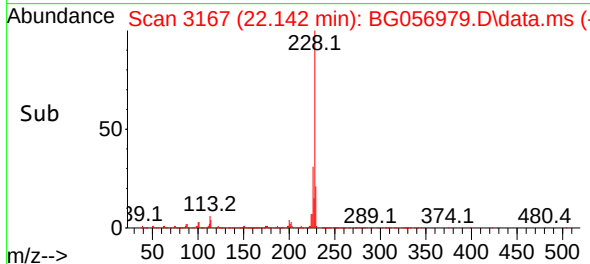
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



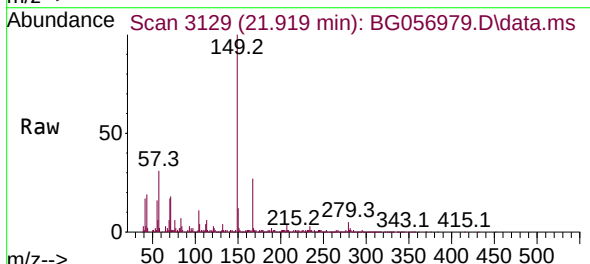
Tgt Ion:228 Resp: 362488
Ion Ratio Lower Upper
228 100
226 31.1 24.1 36.1
229 21.7 15.6 23.4

Manual Integrations
APPROVED

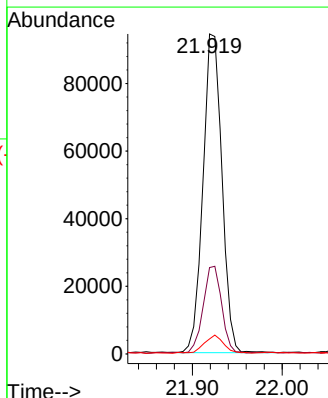
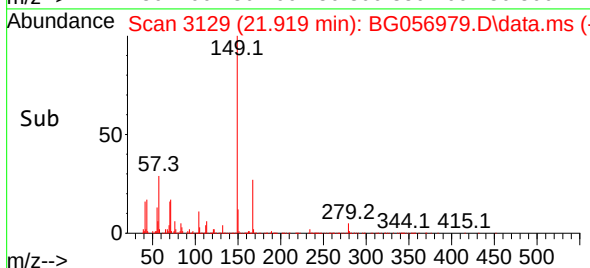
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

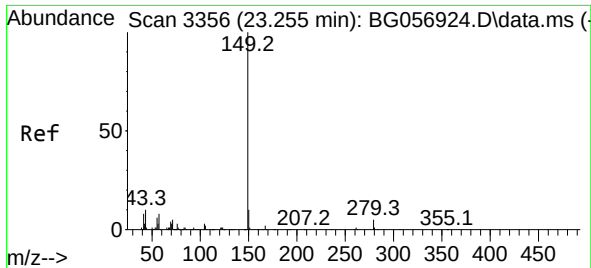


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.006 ng
RT: 21.919 min Scan# 3129
Delta R.T. -0.014 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27



Tgt Ion:149 Resp: 138316
Ion Ratio Lower Upper
149 100
167 27.0 21.4 32.2
279 4.7 3.9 5.9





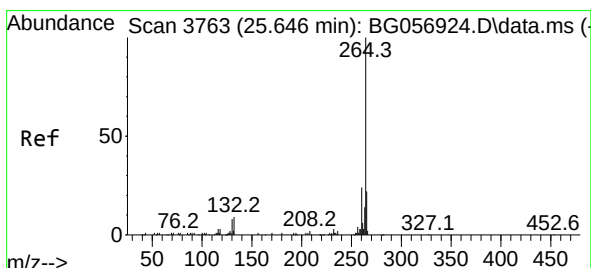
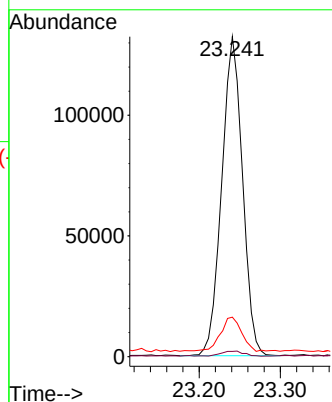
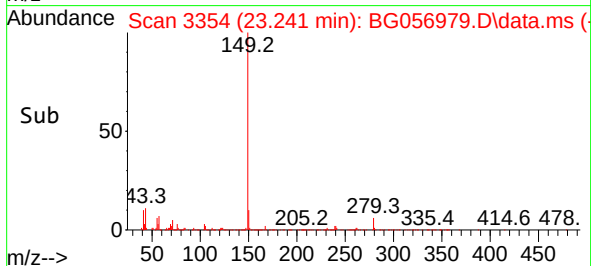
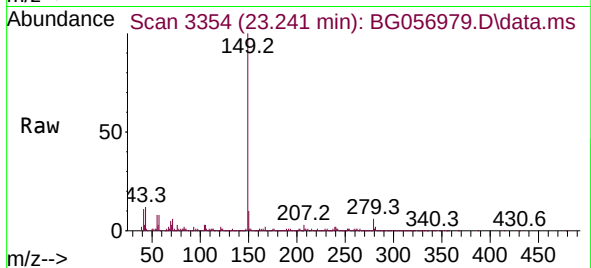
#85
Di-n-octyl phthalate
Concen: 43.288 ng
RT: 23.241 min Scan# 3356
Delta R.T. -0.014 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD

Tgt Ion:149 Resp: 234615
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.4 7.9 11.9

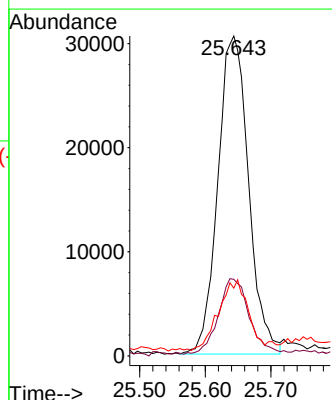
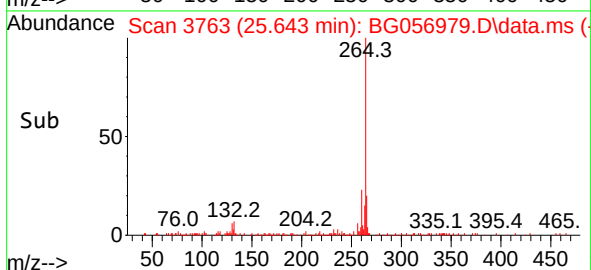
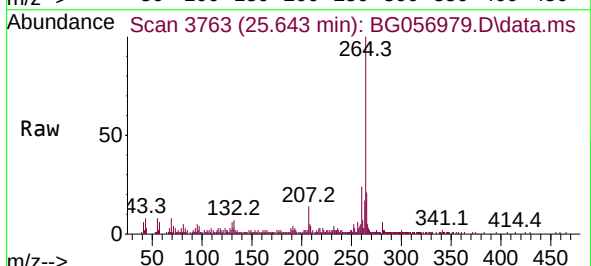
Manual Integrations
APPROVED

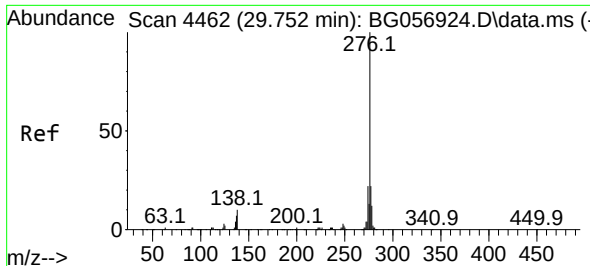
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.643 min Scan# 3763
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

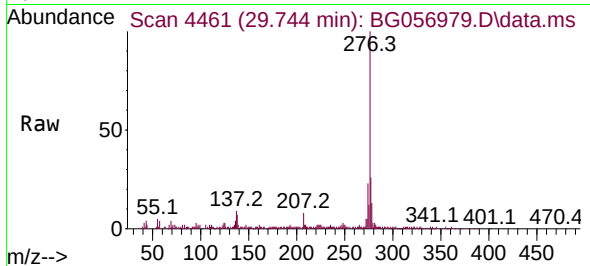
Tgt Ion:264 Resp: 99451
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 21.2 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.530 ng
RT: 29.744 min Scan# 4462
Delta R.T. -0.008 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

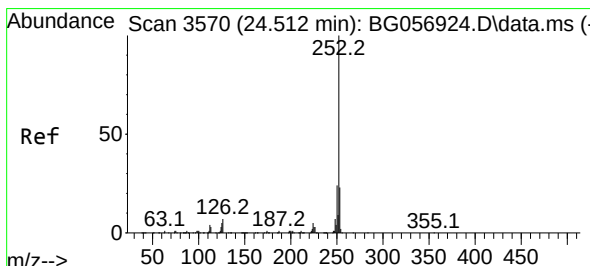
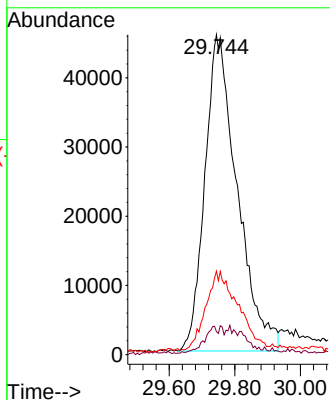
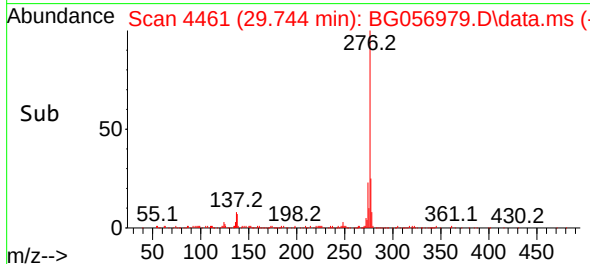
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



Tgt Ion:276 Resp: 312588
Ion Ratio Lower Upper
276 100
138 3.7 7.7 11.5
277 24.7 21.0 31.4

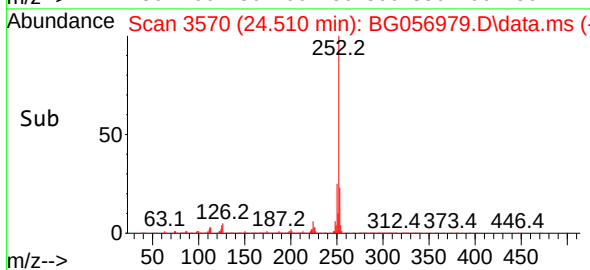
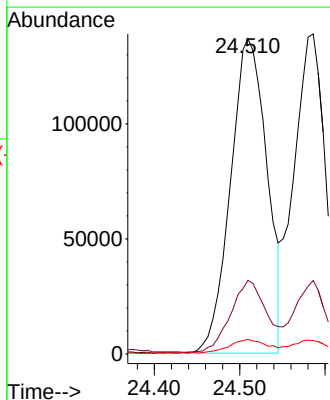
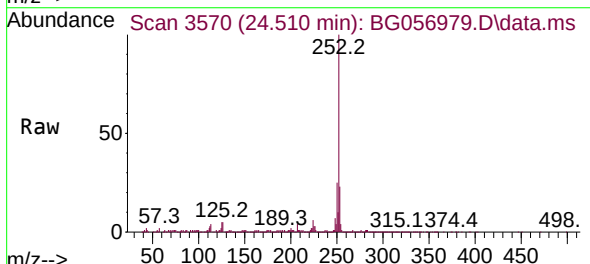
Manual Integrations
APPROVED

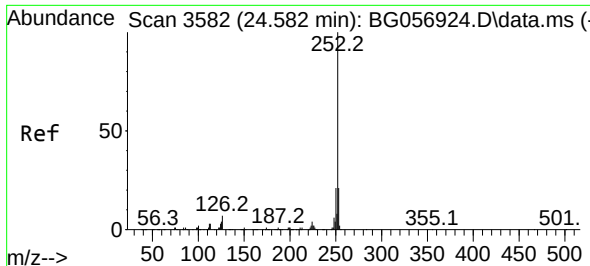
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#88
Benzo(b)fluoranthene
Concen: 65.297 ng
RT: 24.510 min Scan# 3570
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

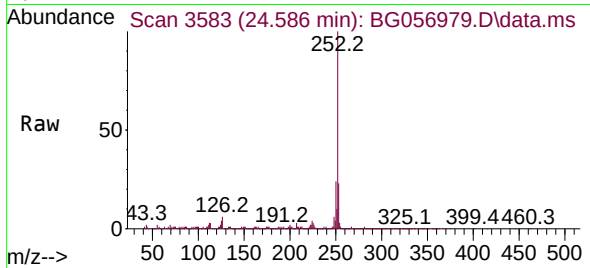
Tgt Ion:252 Resp: 406083
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 4.6 4.2 6.4





#89
Benzo(k)fluoranthene
Concen: 59.057 ng m
RT: 24.586 min Scan# 3582
Delta R.T. 0.004 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

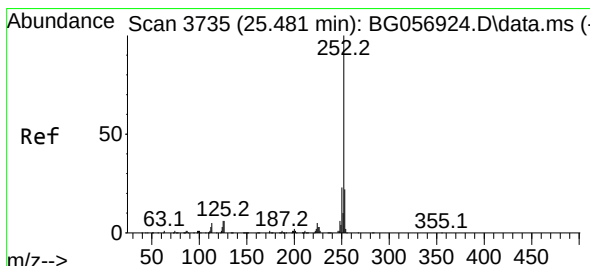
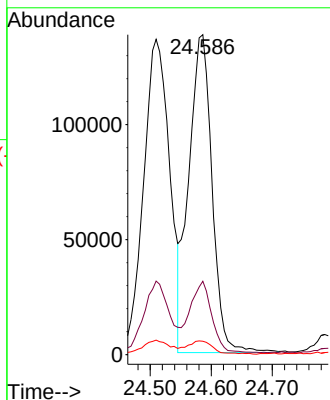
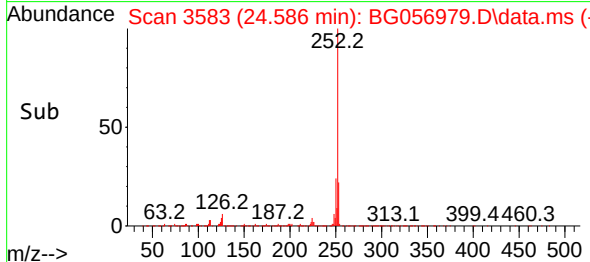
Instrument :
BNA_G
ClientSampleId :
TR-04-040323MSD



Tgt Ion:252 Resp: 366662
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 4.2 3.8 5.6

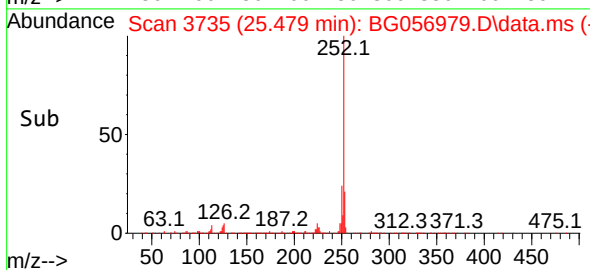
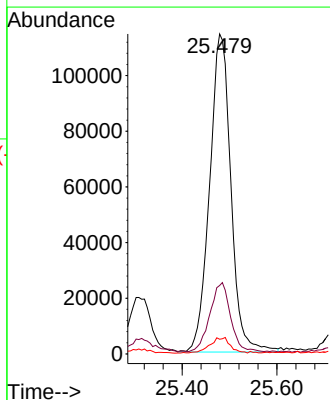
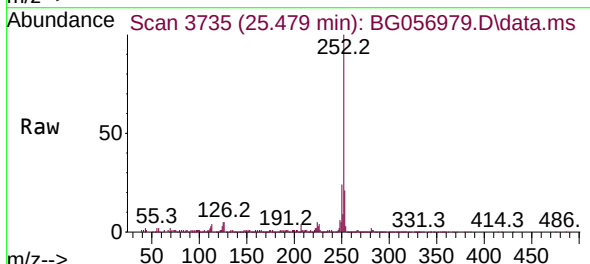
Manual Integrations
APPROVED

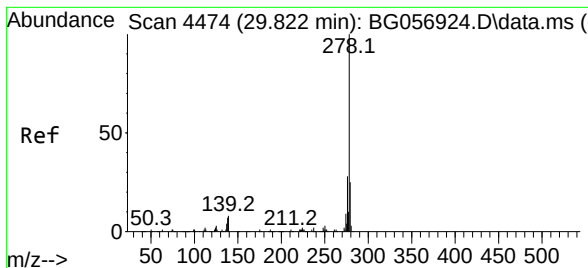
Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#90
Benzo(a)pyrene
Concen: 58.317 ng
RT: 25.479 min Scan# 3735
Delta R.T. -0.002 min
Lab File: BG056979.D
Acq: 5 Apr 2023 00:27

Tgt Ion:252 Resp: 356384
Ion Ratio Lower Upper
252 100
253 21.4 17.6 26.4
125 4.6 4.5 6.7





#91

Dibenzo(a,h)anthracene

Concen: 39.210 ng

RT: 29.814 min Scan# 4473

Delta R.T. -0.008 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

Instrument :

BNA_G

ClientSampleId :

TR-04-040323MSD

Tgt Ion:278 Resp: 236889

Ion Ratio Lower Upper

278 100

139 7.5 6.4 9.6

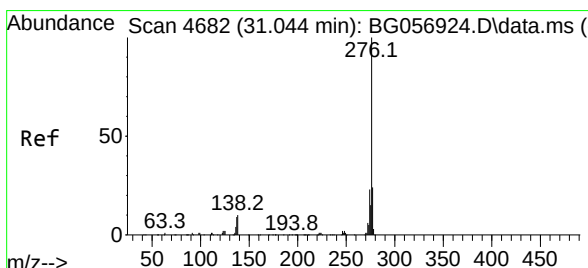
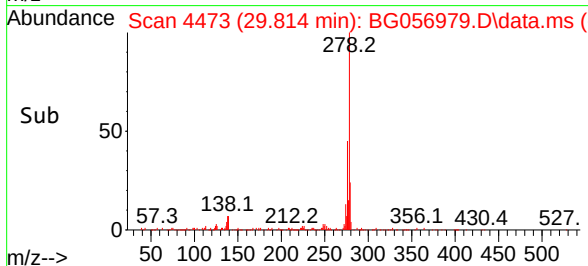
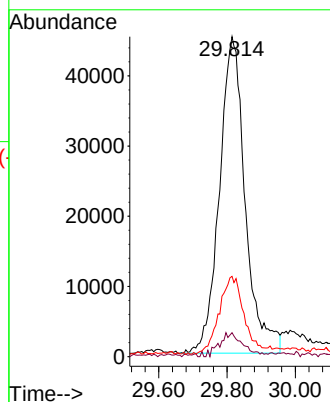
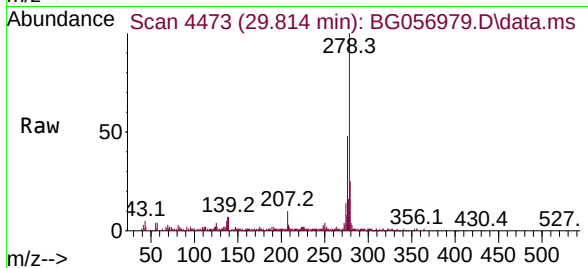
279 25.1 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/05/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#92

Benzo(g,h,i)perylene

Concen: 40.100 ng m

RT: 31.036 min Scan# 4681

Delta R.T. -0.008 min

Lab File: BG056979.D

Acq: 5 Apr 2023 00:27

Tgt Ion:276 Resp: 237221

Ion Ratio Lower Upper

276 100

277 25.0 19.1 28.7

138 7.1 8.2 12.2#

