

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040723\
 Data File : BG057026.D
 Acq On : 7 Apr 2023 14:36
 Operator : CG/JU
 Sample : 02222-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E-H4(ELEV-24)MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/10/2023
 Supervised By : Jagrut Upadhyay 04/10/2023

Quant Time: Apr 08 04:49:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.407	152	14259	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	57802	20.000	ng	0.00
39) Acenaphthene-d10	15.022	164	45120	20.000	ng	0.00
64) Phenanthrene-d10	17.759	188	109667	20.000	ng	0.00
76) Chrysene-d12	22.083	240	95001	20.000	ng	0.00
86) Perylene-d12	25.625	264	101954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	94359	105.910	ng	0.00
7) Phenol-d6	7.544	99	140229	105.237	ng	0.00
23) Nitrobenzene-d5	9.582	82	89388	63.277	ng	0.00
42) 2,4,6-Tribromophenol	16.502	330	74562	103.442	ng	0.00
45) 2-Fluorobiphenyl	13.647	172	205445	61.743	ng	0.00
79) Terphenyl-d14	20.327	244	374588	66.722	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.714	88	15359	39.326	ng	95
3) Pyridine	4.143	79	44421	35.313	ng	96
4) n-Nitrosodimethylamine	4.049	42	23157	40.039	ng	94
6) Aniline	7.714	93	58824	34.532	ng	96
8) 2-Chlorophenol	7.967	128	44766	50.445	ng	91
9) Benzaldehyde	7.526	77	31048	37.149	ng	95
10) Phenol	7.567	94	66095	50.059	ng	95
11) bis(2-Chloroethyl)ether	7.802	93	42094	44.757	ng	96
12) 1,3-Dichlorobenzene	8.296	146	47648	48.593	ng	96
13) 1,4-Dichlorobenzene	8.443	146	48805	49.315	ng	97
14) 1,2-Dichlorobenzene	8.766	146	46145	48.263	ng	92
15) Benzyl Alcohol	8.642	79	51722	46.714	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.924	45	49182	43.390	ng	99
17) 2-Methylphenol	8.842	107	45279	48.068	ng	91
18) Hexachloroethane	9.506	117	17489	48.350	ng	91
19) n-Nitroso-di-n-propyla...	9.206	70	39351	41.287	ng	# 99
20) 3+4-Methylphenols	9.165	107	59840	45.429	ng	97
22) Acetophenone	9.236	105	75250	43.751	ng	# 96
24) Nitrobenzene	9.629	77	61490	42.575	ng	95
25) Isophorone	10.146	82	108224	40.231	ng	98
26) 2-Nitrophenol	10.346	139	26570	47.662	ng	91
27) 2,4-Dimethylphenol	10.387	122	48053	48.821	ng	100
28) bis(2-Chloroethoxy)met...	10.622	93	57524	42.714	ng	96
29) 2,4-Dichlorophenol	10.886	162	50799	47.990	ng	96
30) 1,2,4-Trichlorobenzene	11.104	180	50854	45.215	ng	95
31) Naphthalene	11.298	128	137978	43.794	ng	99
32) Benzoic acid	10.528	122	31168m	46.099	ng	
33) 4-Chloroaniline	11.398	127	39987	28.102	ng	97
34) Hexachlorobutadiene	11.574	225	37183	44.010	ng	95
35) Caprolactam	12.161	113	15444m	42.306	ng	
36) 4-Chloro-3-methylphenol	12.490	107	55361	46.766	ng	99
37) 2-Methylnaphthalene	12.872	142	103615	41.437	ng	97
38) 1-Methylnaphthalene	13.089	142	97179	41.388	ng	100
40) 1,2,4,5-Tetrachloroben...	13.236	216	71494	45.694	ng	98
41) Hexachlorocyclopentadiene	13.207	237	97117	112.655	ng	98
43) 2,4,6-Trichlorophenol	13.465	196	47129	47.202	ng	98

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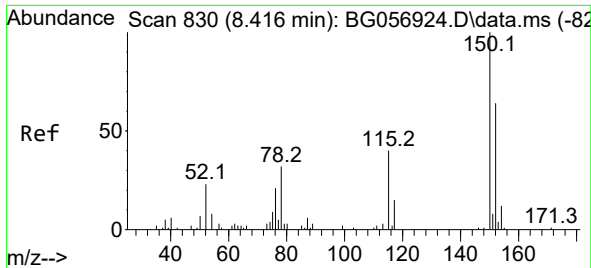
Quant Time: Apr 08 04:49:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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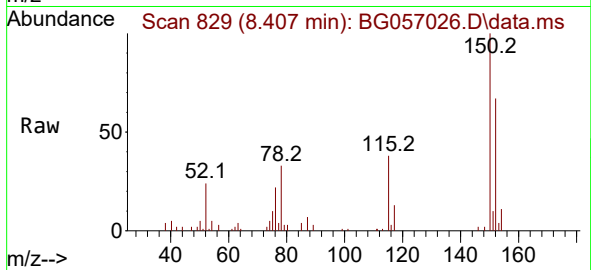
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.536	196	49877	42.168	ng	94
46) 1,1'-Biphenyl	13.859	154	152253	46.097	ng	99
47) 2-Chloronaphthalene	13.912	162	113576	46.494	ng	99
48) 2-Nitroaniline	14.100	65	38469	44.041	ng	97
49) Acenaphthylene	14.752	152	180230	44.905	ng	98
50) Dimethylphthalate	14.458	163	155171	43.647	ng	97
51) 2,6-Dinitrotoluene	14.587	165	34671	45.137	ng	91
52) Acenaphthene	15.087	154	142433m	51.455	ng	
53) 3-Nitroaniline	14.916	138	23945	31.494	ng	97
54) 2,4-Dinitrophenol	15.122	184	48059	111.158	ng	90
55) Dibenzofuran	15.416	168	183716	44.220	ng	100
56) 4-Nitrophenol	15.216	139	55640	98.965	ng	89
57) 2,4-Dinitrotoluene	15.369	165	49892	46.053	ng	# 95
58) Fluorene	16.062	166	150306	43.721	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.639	232	48515	45.048	ng	# 99
60) Diethylphthalate	15.803	149	158990	44.610	ng	100
61) 4-Chlorophenyl-phenyle...	16.038	204	89160	44.172	ng	97
62) 4-Nitroaniline	16.079	138	34603	43.927	ng	95
63) Azobenzene	16.332	77	173584	48.872	ng	97
65) 4,6-Dinitro-2-methylph...	16.132	198	34459	51.881	ng	98
66) n-Nitrosodiphenylamine	16.256	169	131728	44.746	ng	98
67) 4-Bromophenyl-phenylether	16.937	248	58786	43.323	ng	93
68) Hexachlorobenzene	17.066	284	65791	49.042	ng	95
69) Atrazine	17.190	200	57222	46.825	ng	95
70) Pentachlorophenol	17.407	266	80730	83.881	ng	97
71) Phenanthrene	17.807	178	248487	44.441	ng	99
72) Anthracene	17.895	178	254136	44.337	ng	100
73) Carbazole	18.159	167	224404	44.904	ng	94
74) Di-n-butylphthalate	18.676	149	255785	44.200	ng	99
75) Fluoranthene	19.792	202	299168	42.208	ng	97
77) Benzidine	19.957	184	172692	66.505	ng	99
78) Pyrene	20.150	202	297559	45.285	ng	99
80) Butylbenzylphthalate	21.008	149	106409	47.060	ng	94
81) Benzo(a)anthracene	22.060	228	292501	44.493	ng	99
82) 3,3'-Dichlorobenzidine	21.954	252	56658	25.523	ng	96
83) Chrysene	22.136	228	270161	43.890	ng	100
84) Bis(2-ethylhexyl)phtha...	21.913	149	149105	45.540	ng	99
85) Di-n-octyl phthalate	23.223	149	253501	45.945	ng	99
87) Indeno(1,2,3-cd)pyrene	29.714	276	342064	45.397	ng	# 98
88) Benzo(b)fluoranthene	24.492	252	298702	46.852	ng	97
89) Benzo(k)fluoranthene	24.562	252	301901	47.433	ng	100
90) Benzo(a)pyrene	25.455	252	263166	42.006	ng	98
91) Dibenzo(a,h)anthracene	29.784	278	291344	47.040	ng	96
92) Benzo(g,h,i)perylene	31.006	276	274804	45.312	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.407 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

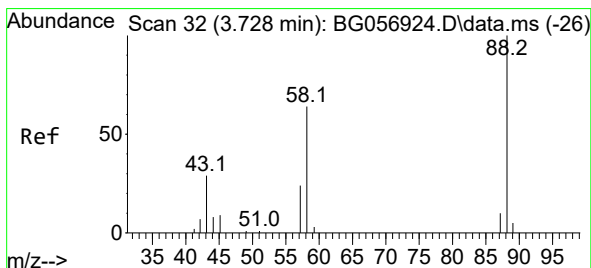
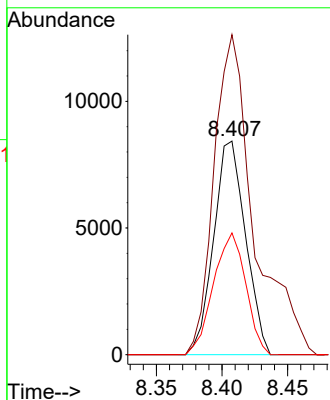
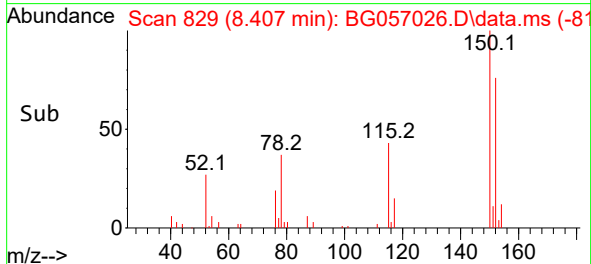
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



Tgt Ion:152 Resp: 14259
Ion Ratio Lower Upper
152 100
150 149.8 124.1 186.1
115 57.0 49.1 73.7

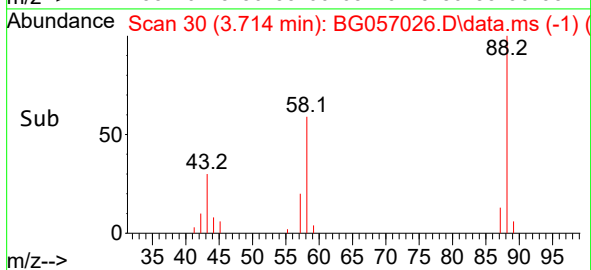
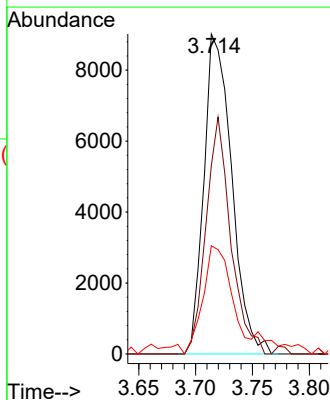
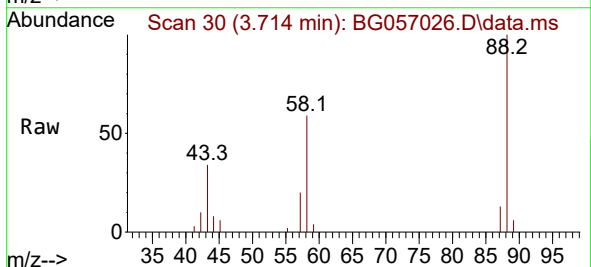
Manual Integrations
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#2
1,4-Dioxane
Concen: 39.326 ng
RT: 3.714 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

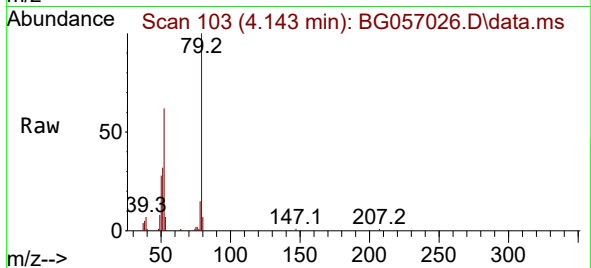
Tgt Ion: 88 Resp: 15359
Ion Ratio Lower Upper
88 100
58 65.7 55.9 83.9
43 35.0 25.7 38.5





#3
Pyridine
Concen: 35.313 ng
RT: 4.143 min Scan# 104
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

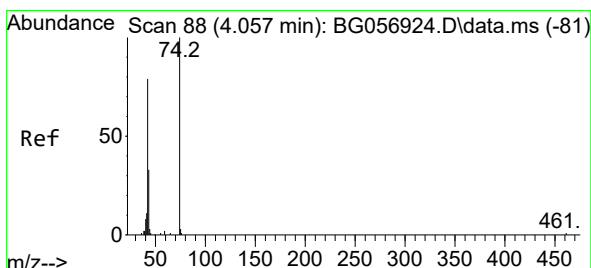
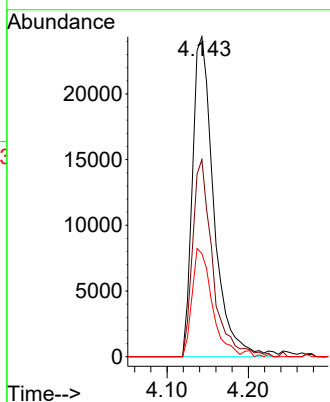
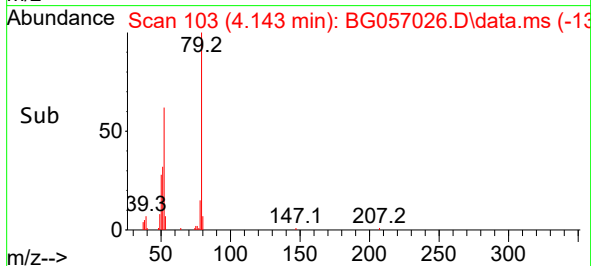
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



Tgt Ion: 79 Resp: 4442
Ion Ratio Lower Upper
79 100
52 61.6 46.1 69.1
51 32.2 26.1 39.1

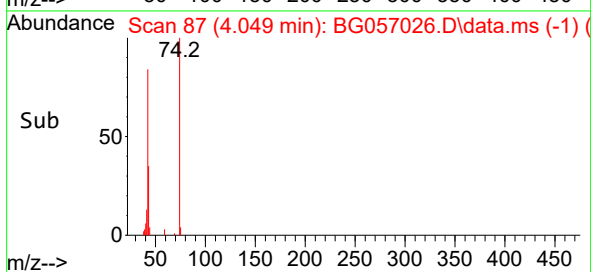
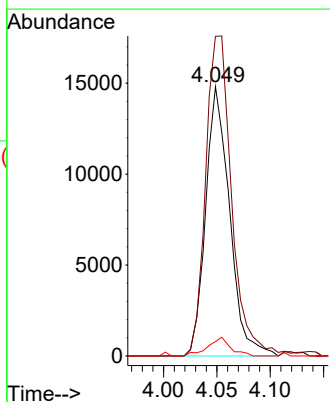
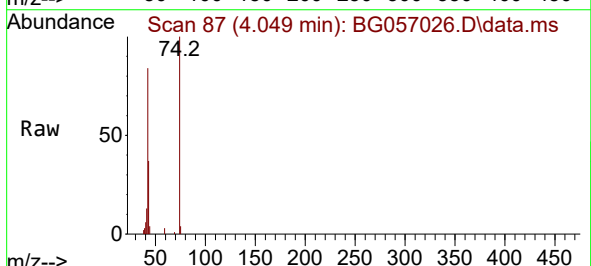
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#4
n-Nitrosodimethylamine
Concen: 40.039 ng
RT: 4.049 min Scan# 87
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

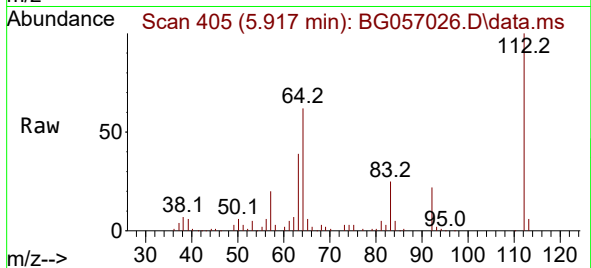
Tgt Ion: 42 Resp: 23157
Ion Ratio Lower Upper
42 100
74 118.7 100.6 151.0
44 5.3 4.6 7.0





#5
2-Fluorophenol
Concen: 105.910 ng
RT: 5.917 min Scan# 405
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

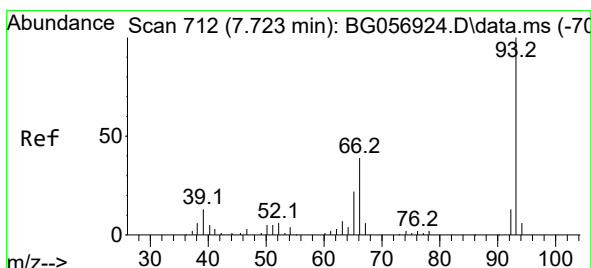
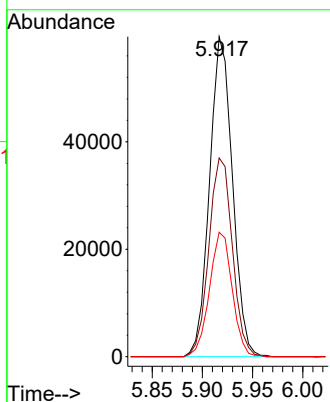
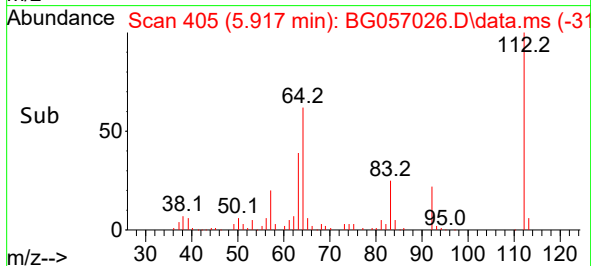
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



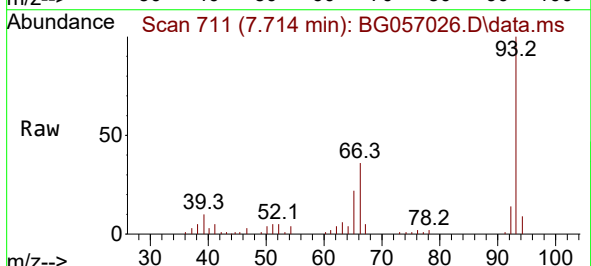
Tgt Ion:112 Resp: 94359
Ion Ratio Lower Upper
112 100
64 62.1 53.2 79.8
63 38.9 32.6 48.8

Manual Integrations
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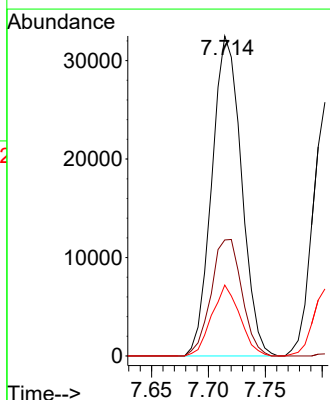
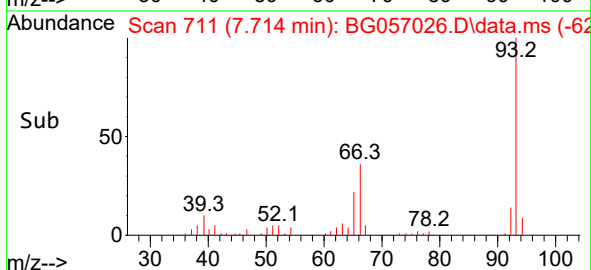
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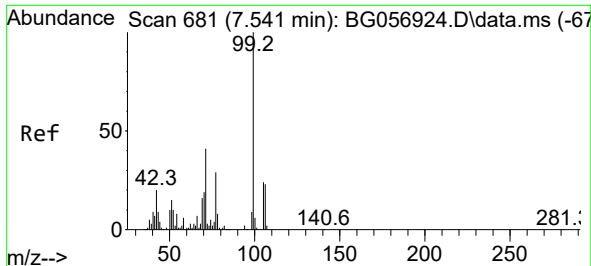


#6
Aniline
Concen: 34.532 ng
RT: 7.714 min Scan# 711
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36



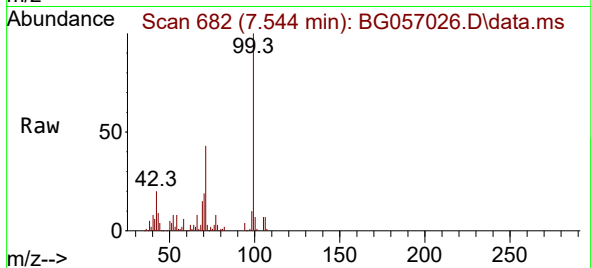
Tgt Ion: 93 Resp: 58824
Ion Ratio Lower Upper
93 100
66 36.2 31.4 47.0
65 22.1 17.3 25.9





#7
Phenol-d6
Concen: 105.237 ng
RT: 7.544 min Scan# 681
Delta R.T. 0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

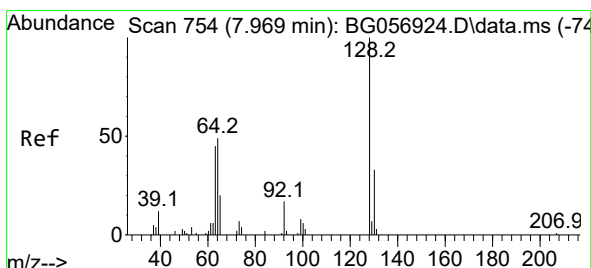
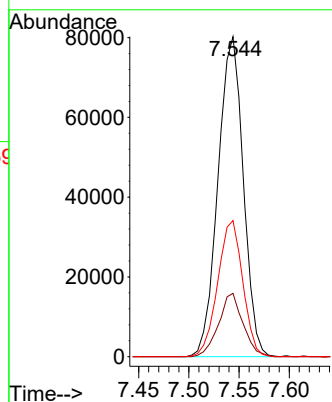
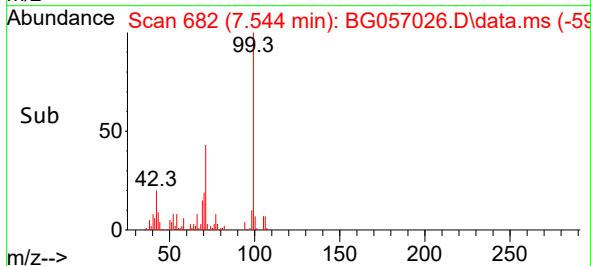
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



Tgt Ion: 99 Resp: 140229
Ion Ratio Lower Upper
99 100
42 19.8 15.7 23.5
71 42.5 32.5 48.7

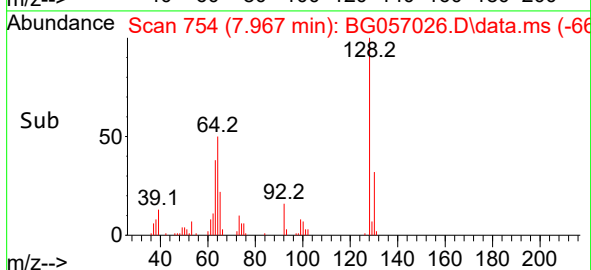
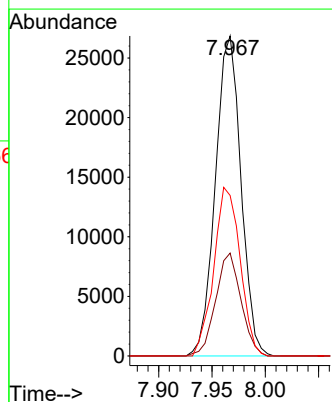
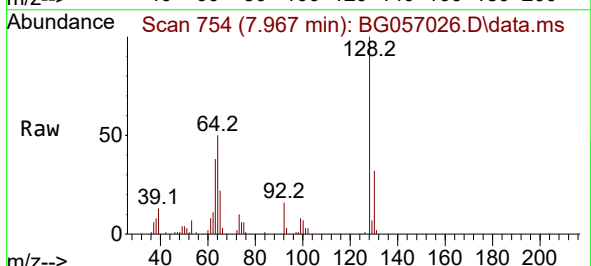
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#8
2-Chlorophenol
Concen: 50.445 ng
RT: 7.967 min Scan# 754
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:128 Resp: 44766
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 50.2 40.6 80.6





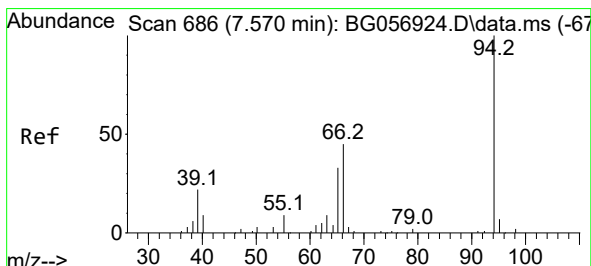
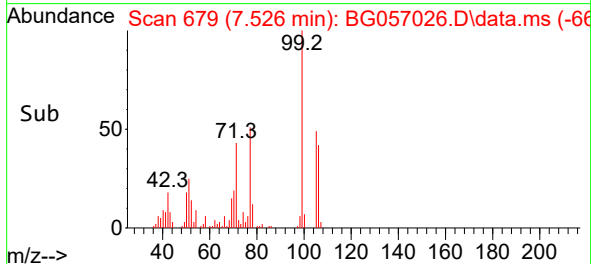
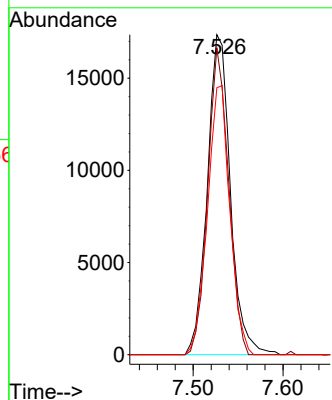
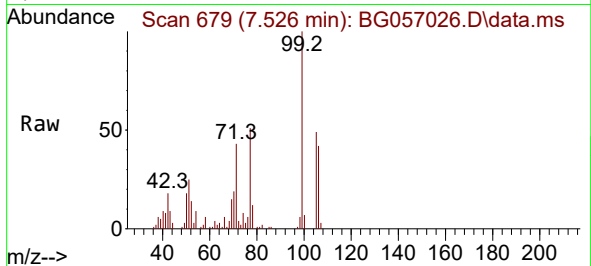
#9
Benzaldehyde
Concen: 37.149 ng
RT: 7.526 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

Tgt Ion: 77 Resp: 3104
Ion Ratio Lower Upper
77 100
105 95.9 73.6 113.6
106 83.4 56.7 96.7

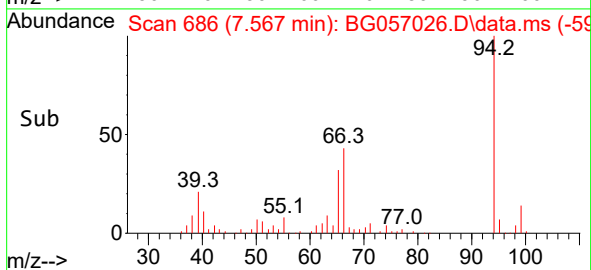
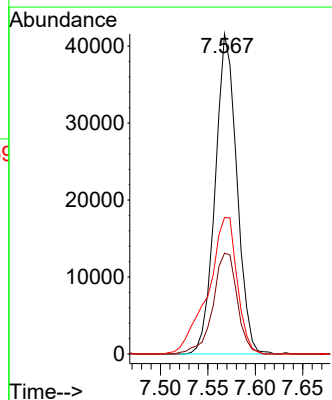
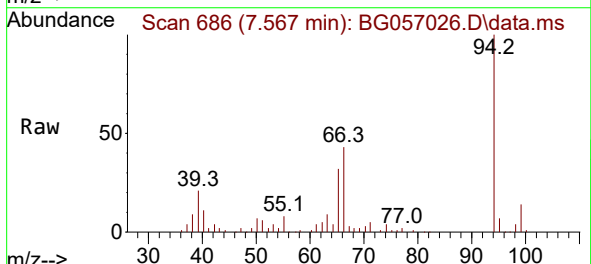
Manual Integrations
APPROVED

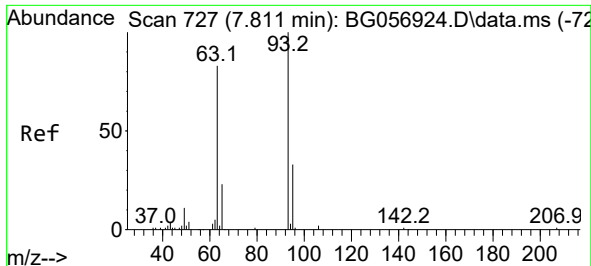
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#10
Phenol
Concen: 50.059 ng
RT: 7.567 min Scan# 686
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

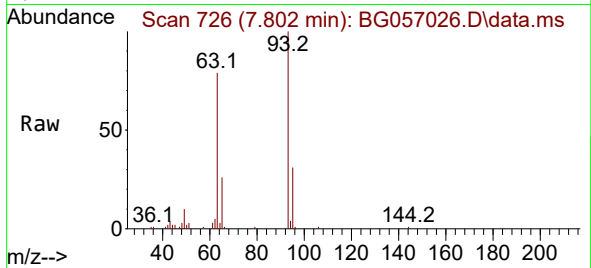
Tgt Ion: 94 Resp: 66095
Ion Ratio Lower Upper
94 100
65 31.5 13.3 53.3
66 42.6 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 44.757 ng
RT: 7.802 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

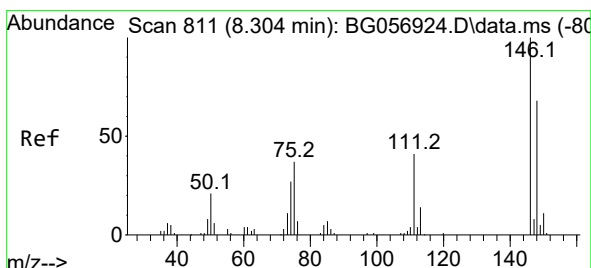
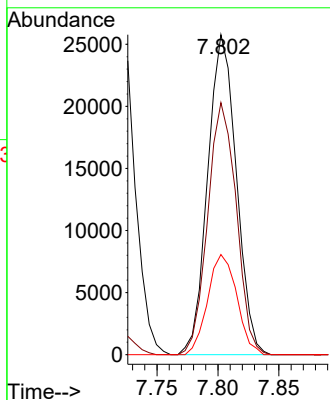
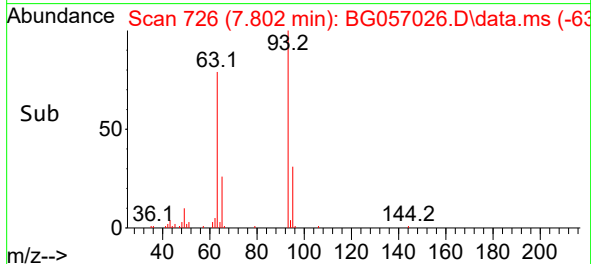
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



Tgt Ion: 93 Resp: 42094
Ion Ratio Lower Upper
93 100
63 78.8 62.7 102.7
95 31.3 12.3 52.3

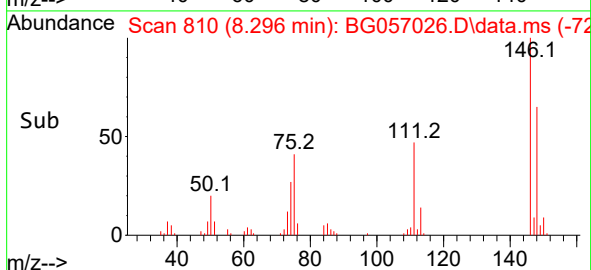
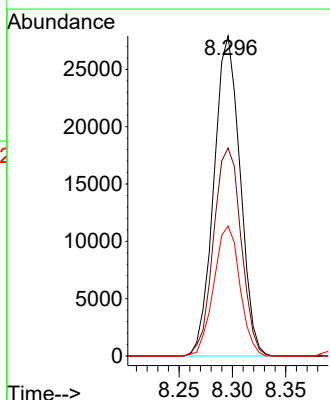
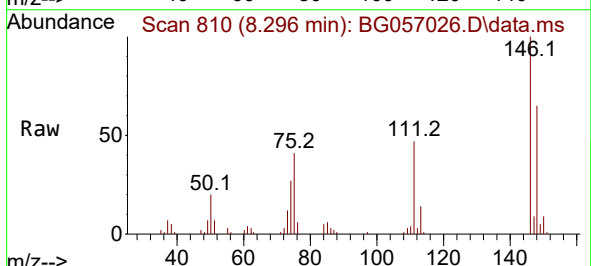
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#12
1,3-Dichlorobenzene
Concen: 48.593 ng
RT: 8.296 min Scan# 810
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:146 Resp: 47648
Ion Ratio Lower Upper
146 100
148 64.9 54.2 81.4
75 40.6 29.8 44.8





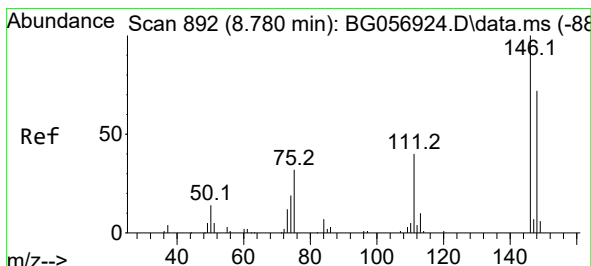
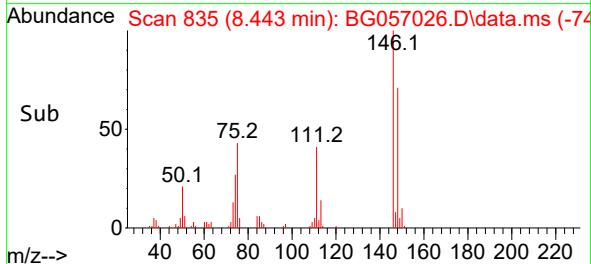
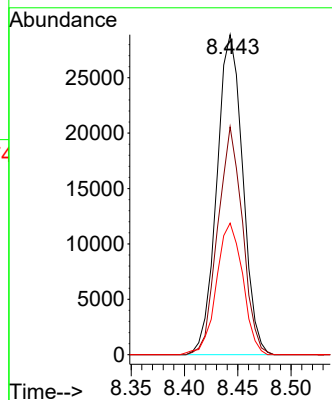
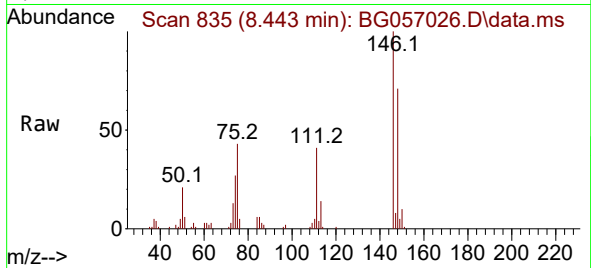
#13
1,4-Dichlorobenzene
Concen: 49.315 ng
RT: 8.443 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

Tgt Ion:146 Resp: 4880
Ion Ratio Lower Upper
146 100
148 71.2 54.8 82.2
111 41.1 34.6 52.0

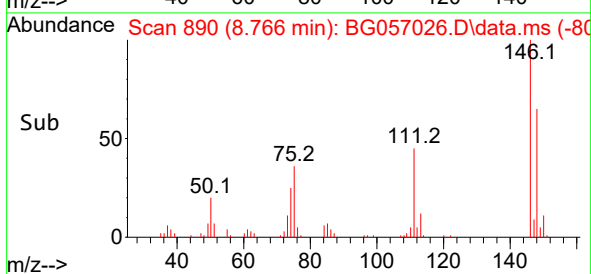
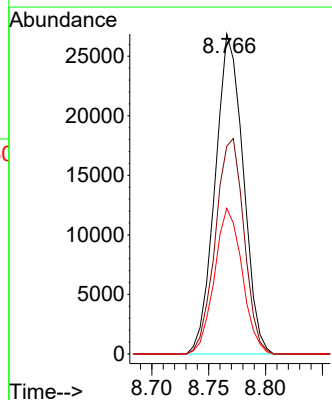
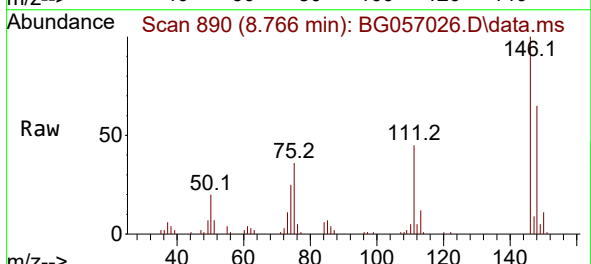
Manual Integrations
APPROVED

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Supervised By :Jagrut Upadhyay 04/10/2023



#14
1,2-Dichlorobenzene
Concen: 48.263 ng
RT: 8.766 min Scan# 890
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:146 Resp: 46145
Ion Ratio Lower Upper
146 100
148 64.9 57.4 86.0
111 45.5 33.2 49.8





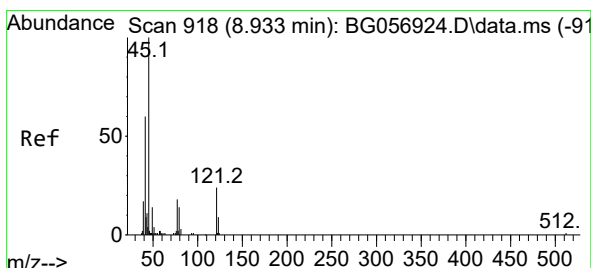
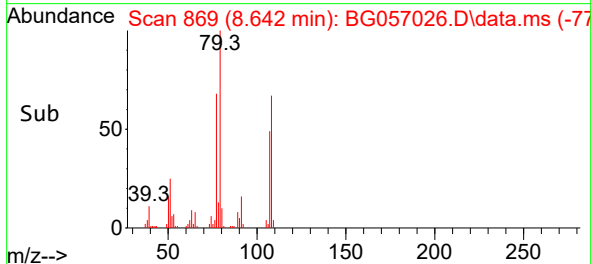
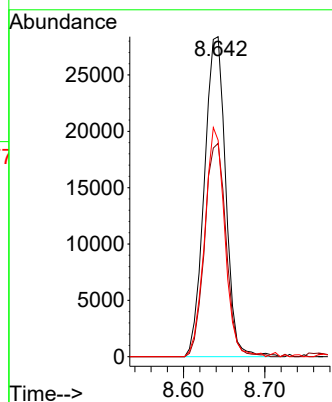
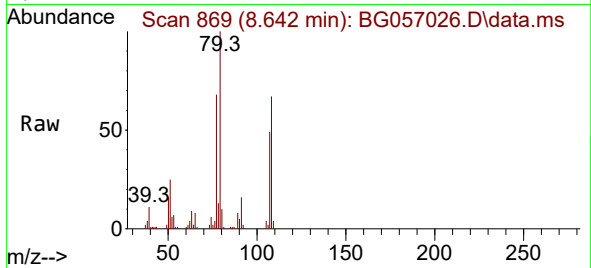
#15
Benzyl Alcohol
Concen: 46.714 ng
RT: 8.642 min Scan# 869
Delta R.T. 0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

Tgt Ion: 79 Resp: 5172
Ion Ratio Lower Upper
79 100
108 66.6 51.2 76.8
77 67.7 54.4 81.6

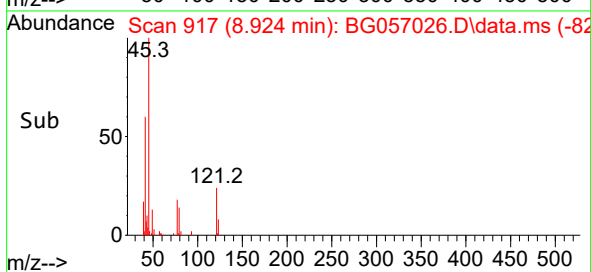
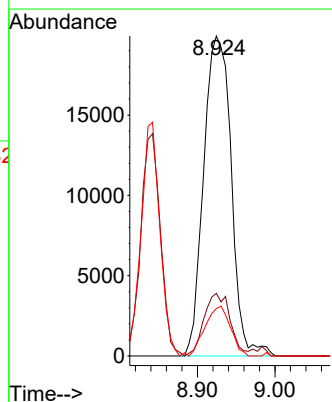
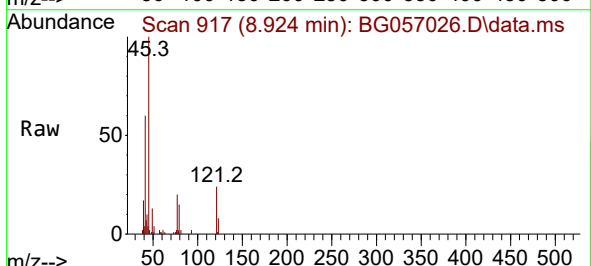
Manual Integrations
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Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.390 ng
RT: 8.924 min Scan# 917
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

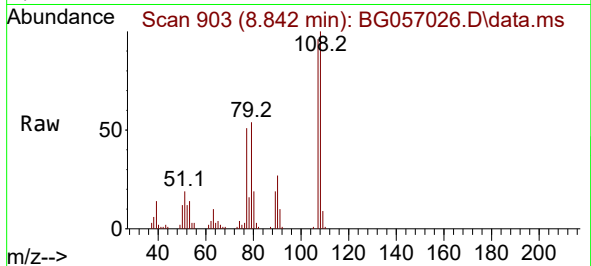
Tgt Ion: 45 Resp: 49182
Ion Ratio Lower Upper
45 100
77 19.6 0.0 38.7
79 14.8 0.0 35.1





#17
2-Methylphenol
Concen: 48.068 ng
RT: 8.842 min Scan# 903
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

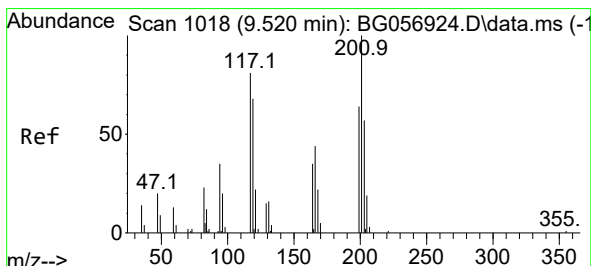
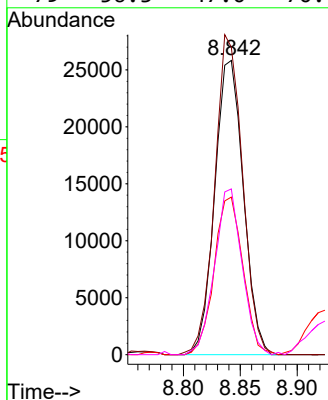
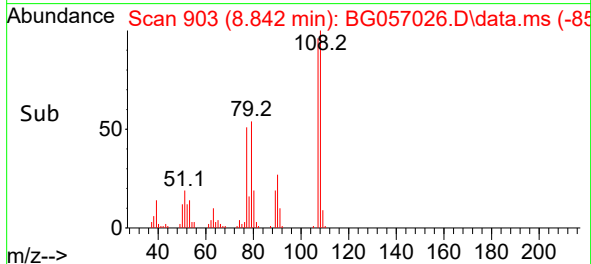
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



Tgt Ion:	107	Resp:	45279
Ion Ratio	Lower	Upper	
107	100		
108	104.5	96.0	144.0
77	53.6	45.6	68.4
79	56.3	47.0	70.4

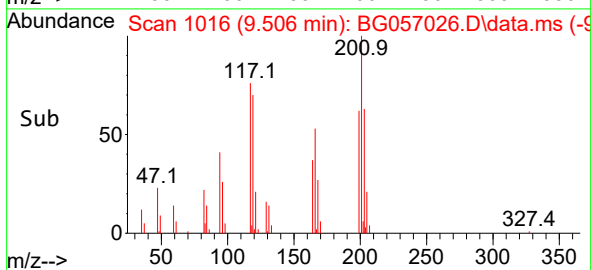
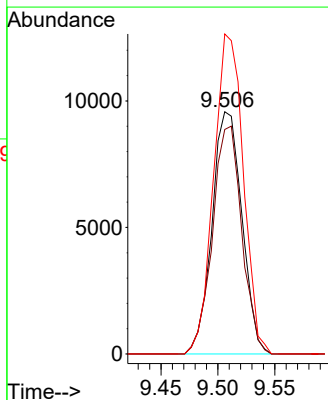
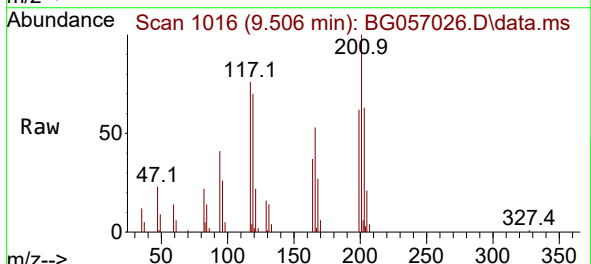
Manual Integrations
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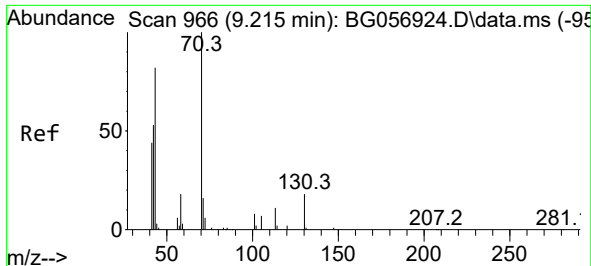
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#18
Hexachloroethane
Concen: 48.350 ng
RT: 9.506 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

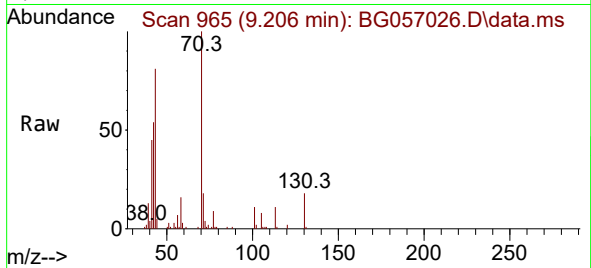
Tgt Ion:	117	Resp:	17489
Ion Ratio	Lower	Upper	
117	100		
119	92.7	67.0	100.6
201	132.1	98.7	148.1





#19
n-Nitroso-di-n-propylamine
Concen: 41.287 ng
RT: 9.206 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

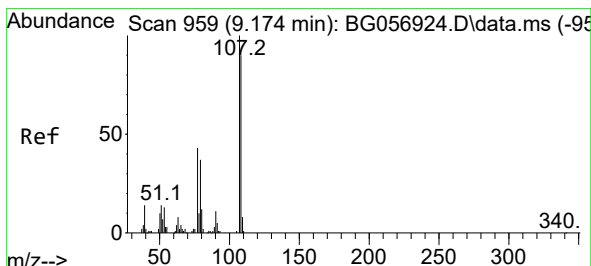
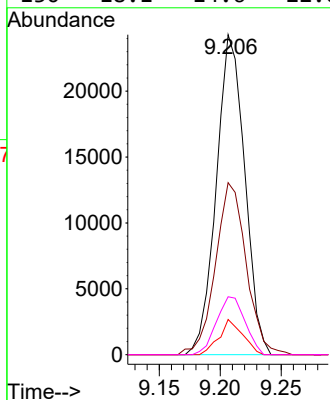
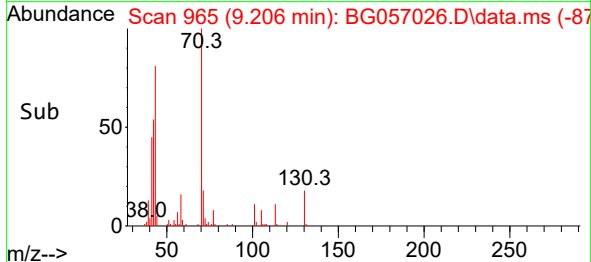
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



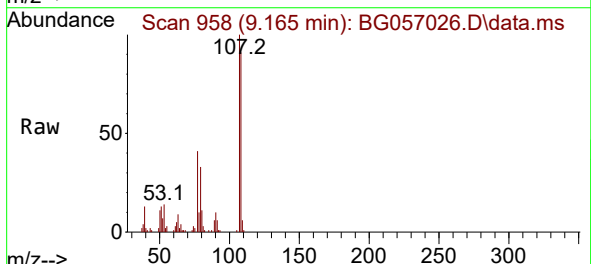
Tgt Ion: 70 Resp: 3935
Ion Ratio Lower Upper
70 100
42 53.8 43.4 65.0
101 11.0 6.2 9.2
130 18.1 14.6 22.0

Manual Integrations
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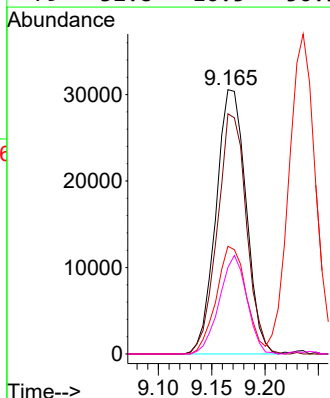
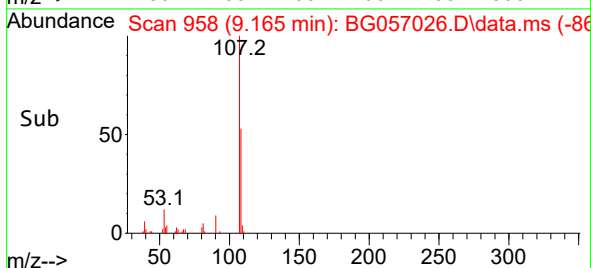
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

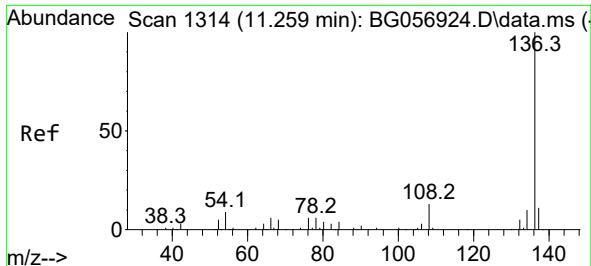


#20
3+4-Methylphenols
Concen: 45.429 ng
RT: 9.165 min Scan# 958
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36



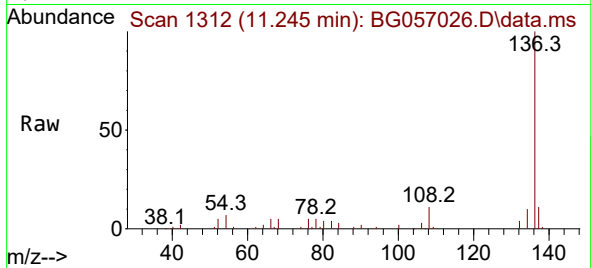
Tgt Ion:107 Resp: 59840
Ion Ratio Lower Upper
107 100
108 90.9 69.9 109.9
77 40.7 22.7 62.7
79 32.8 16.5 56.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

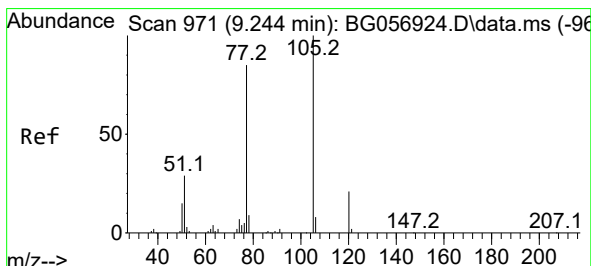
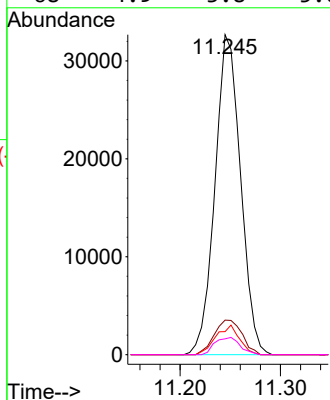
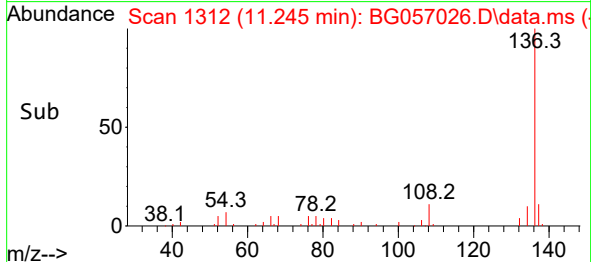
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



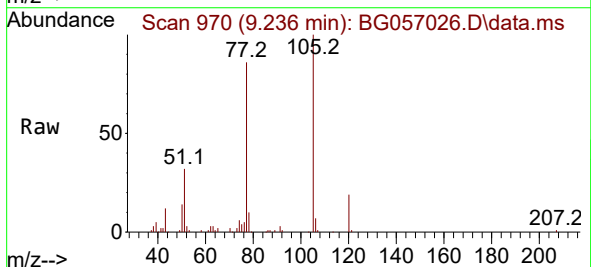
Tgt Ion:136 Resp: 5780
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.2 6.9 10.3
68 4.9 3.8 5.6

Manual Integrations
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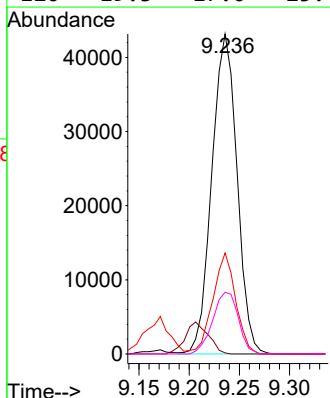
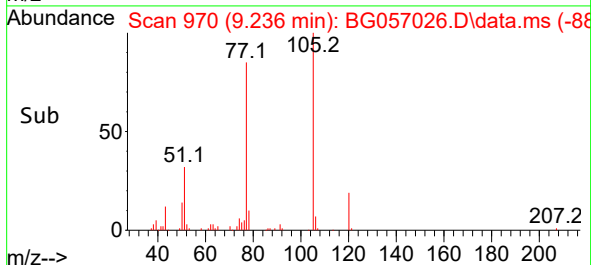
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

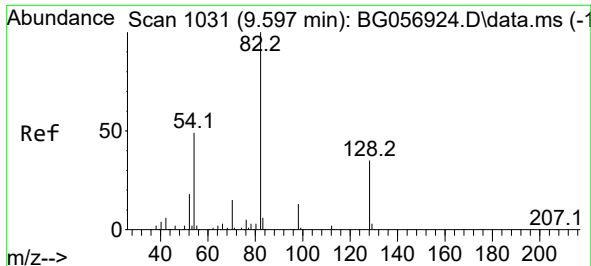


#22
Acetophenone
Concen: 43.751 ng
RT: 9.236 min Scan# 970
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36



Tgt Ion:105 Resp: 75250
Ion Ratio Lower Upper
105 100
71 0.4 0.7 1.1#
51 31.5 23.8 35.8
120 19.3 17.0 25.4





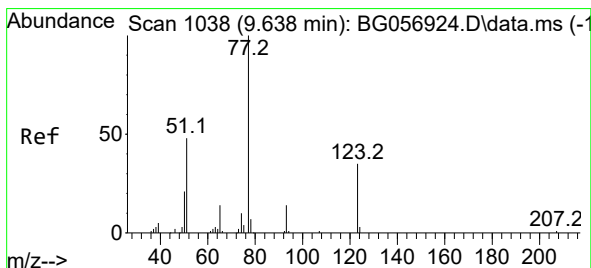
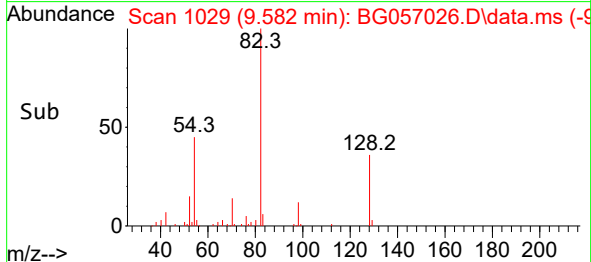
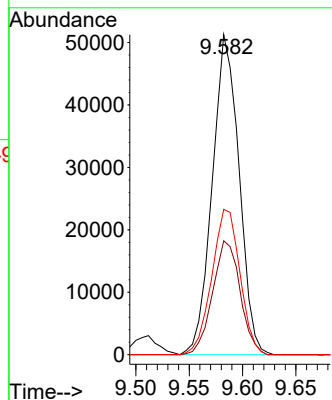
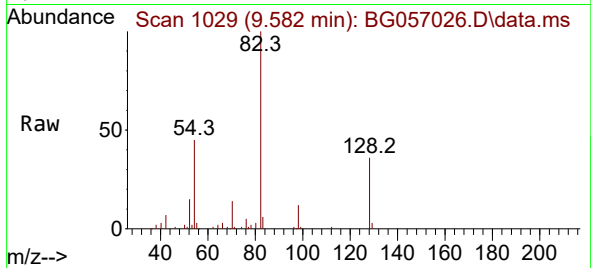
#23
Nitrobenzene-d5
Concen: 63.277 ng
RT: 9.582 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

Tgt Ion: 82 Resp: 8938
Ion Ratio Lower Upper
82 100
128 35.6 27.9 41.9
54 45.4 39.4 59.2

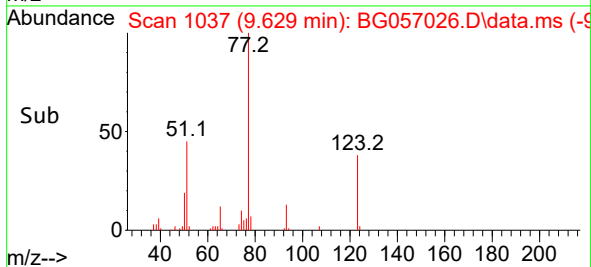
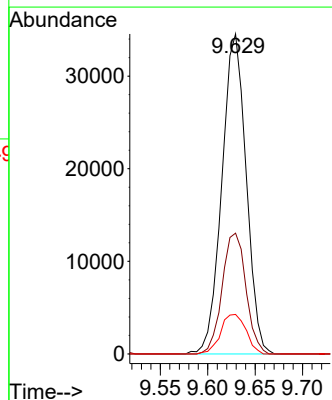
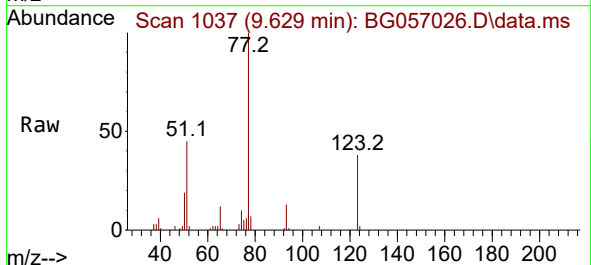
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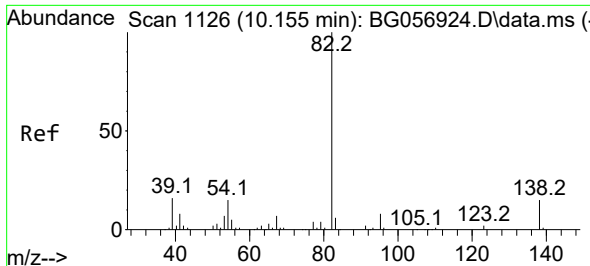
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#24
Nitrobenzene
Concen: 42.575 ng
RT: 9.629 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion: 77 Resp: 61490
Ion Ratio Lower Upper
77 100
123 37.8 27.6 41.4
65 12.3 11.5 17.3





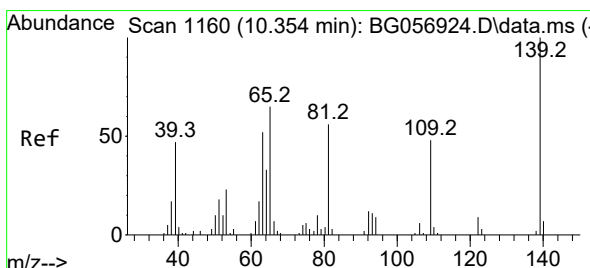
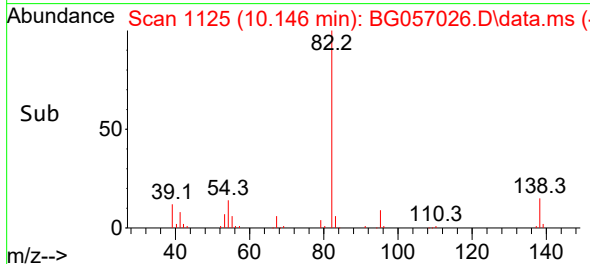
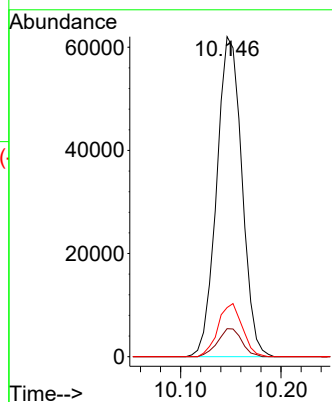
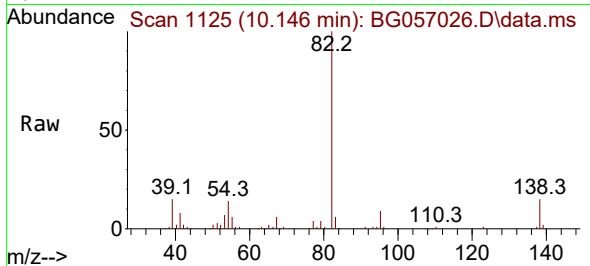
#25
Isophorone
Concen: 40.231 ng
RT: 10.146 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

Tgt Ion: 82 Resp: 108224
Ion Ratio Lower Upper
82 100
95 8.8 6.3 9.5
138 15.4 11.8 17.8

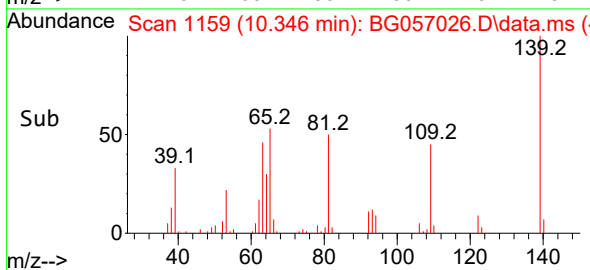
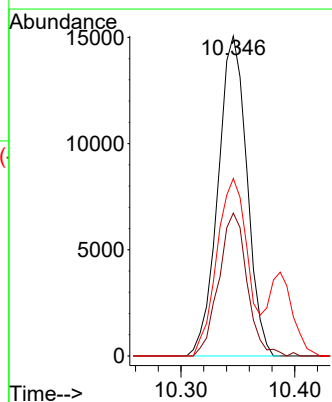
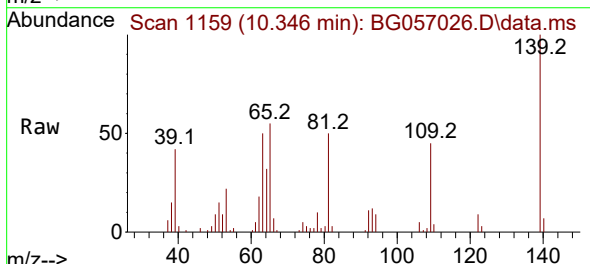
Manual Integrations
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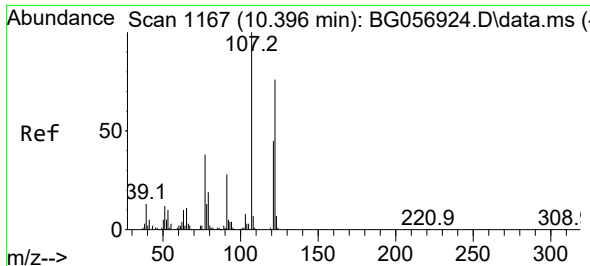
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#26
2-Nitrophenol
Concen: 47.662 ng
RT: 10.346 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

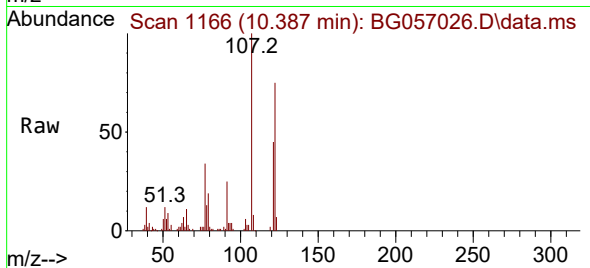
Tgt Ion:139 Resp: 26570
Ion Ratio Lower Upper
139 100
109 44.6 38.2 57.4
65 55.5 51.8 77.8





#27
2,4-Dimethylphenol
Concen: 48.821 ng
RT: 10.387 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

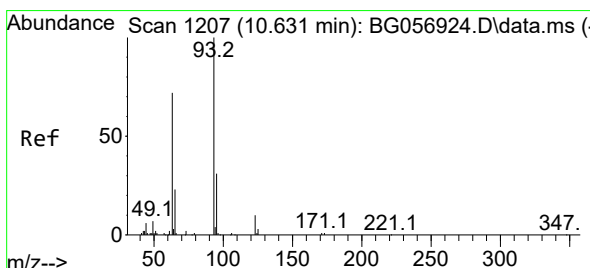
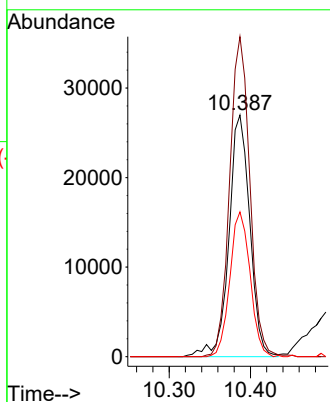
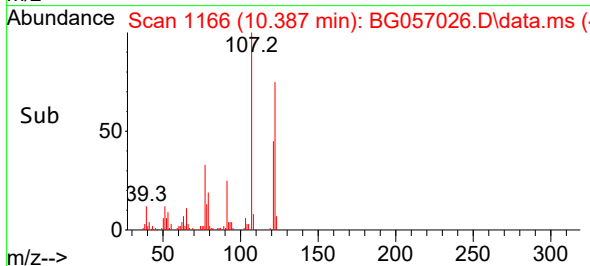
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



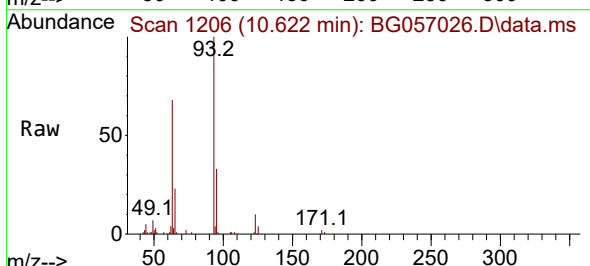
Tgt Ion:122 Resp: 4805
Ion Ratio Lower Upper
122 100
107 132.5 105.7 158.5
121 60.0 48.0 72.0

Manual Integrations
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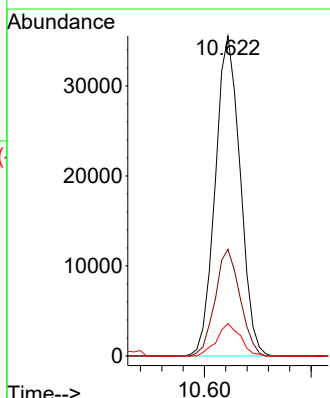
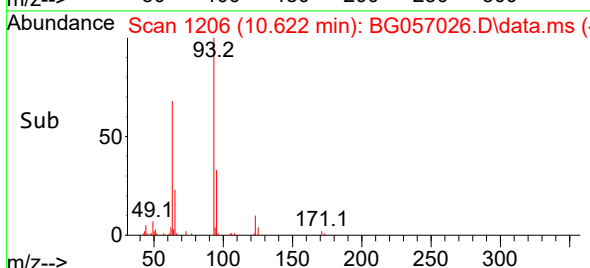
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

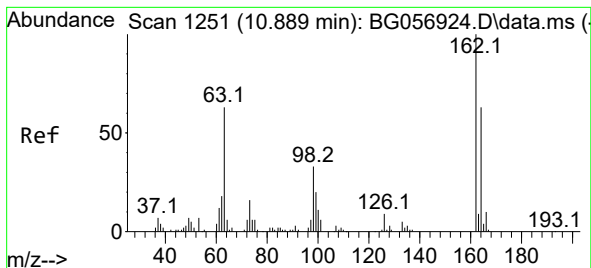


#28
bis(2-Chloroethoxy)methane
Concen: 42.714 ng
RT: 10.622 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36



Tgt Ion: 93 Resp: 57524
Ion Ratio Lower Upper
93 100
95 33.3 24.6 37.0
123 10.1 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 47.990 ng

RT: 10.886 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG057026.D

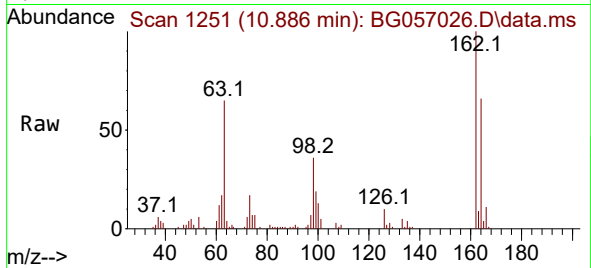
Acq: 7 Apr 2023 14:36

Instrument :

BNA_G

ClientSampleId :

E-H4(ELEV-24)MS



Tgt Ion:162 Resp: 50799

Ion Ratio Lower Upper

162 100

164 65.9 43.4 83.4

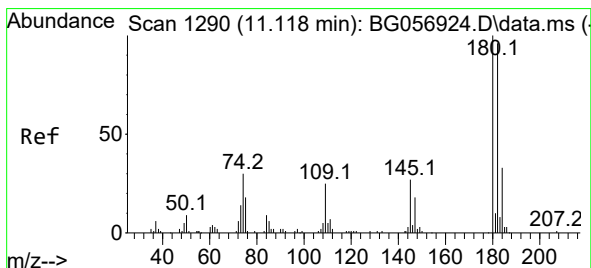
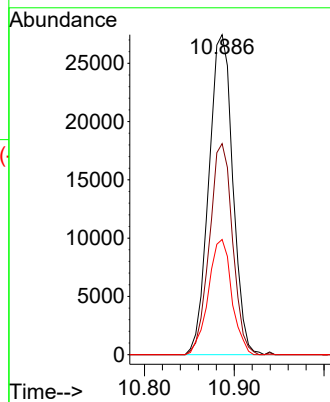
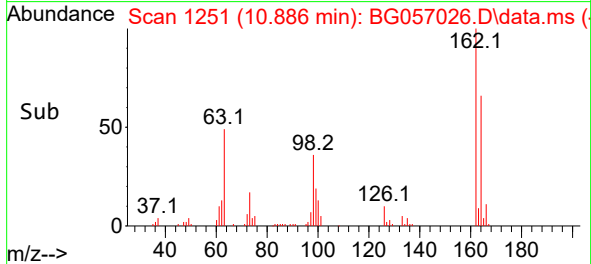
98 36.0 12.5 52.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/10/2023

Supervised By :Jagrut Upadhyay 04/10/2023



#30

1,2,4-Trichlorobenzene

Concen: 45.215 ng

RT: 11.104 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

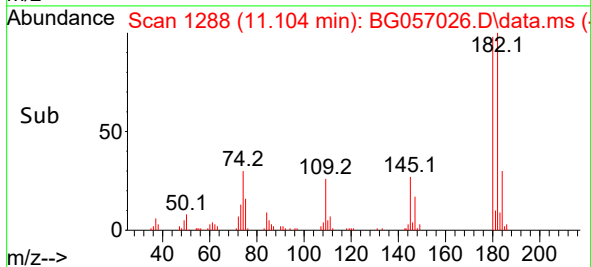
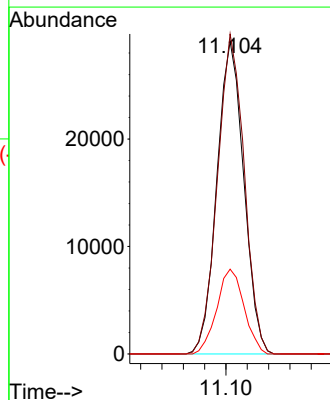
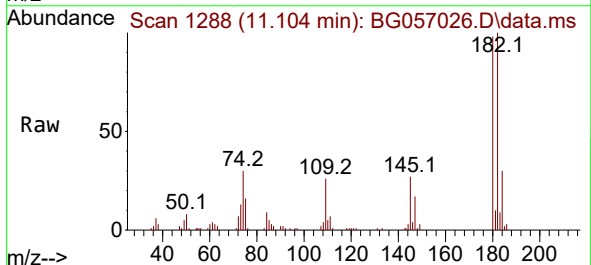
Tgt Ion:180 Resp: 50854

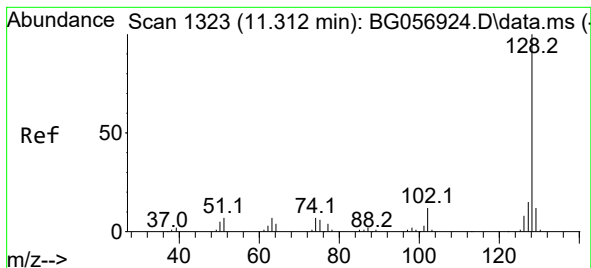
Ion Ratio Lower Upper

180 100

182 102.4 77.1 115.7

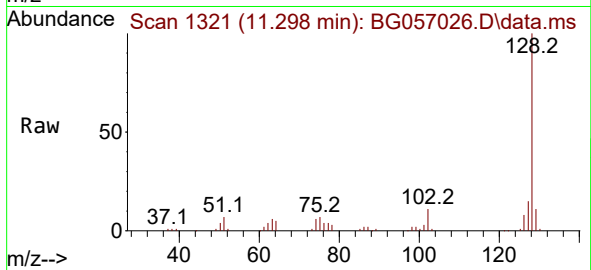
145 27.2 21.3 31.9





#31
Naphthalene
Concen: 43.794 ng
RT: 11.298 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

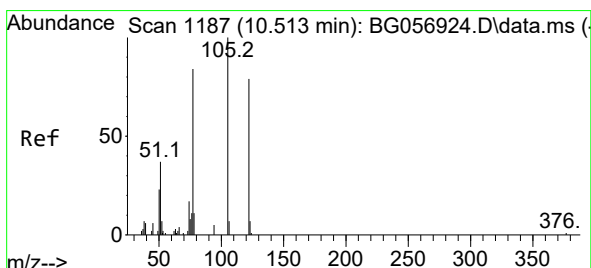
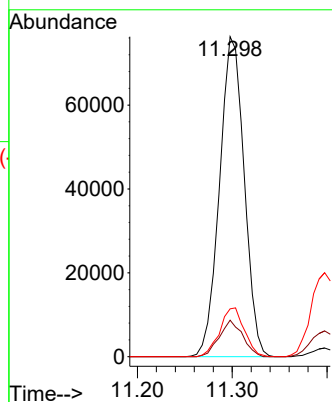
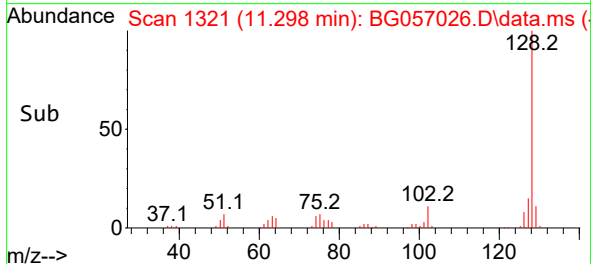
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



Tgt Ion:128 Resp: 137978
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 14.9 12.2 18.4

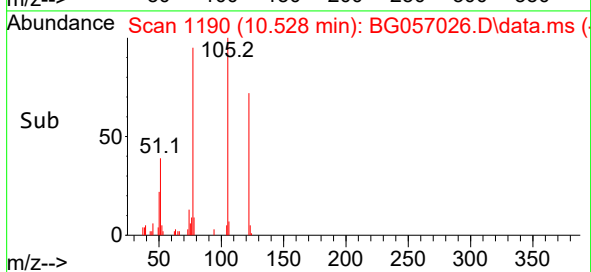
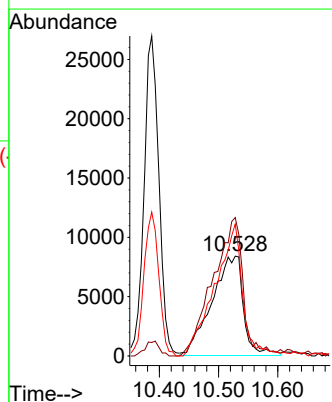
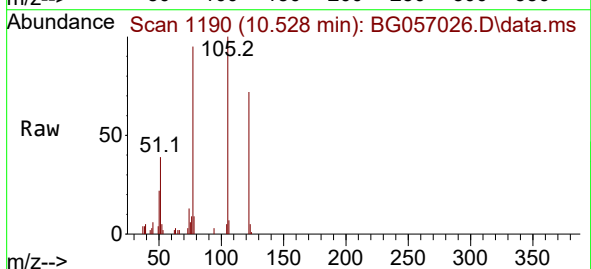
Manual Integrations
APPROVED

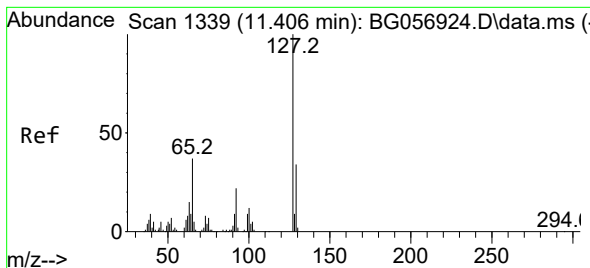
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#32
Benzoic acid
Concen: 46.099 ng m
RT: 10.528 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

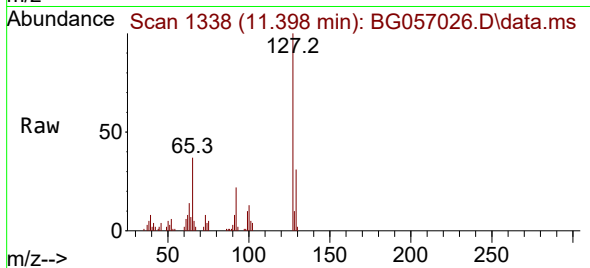
Tgt Ion:122 Resp: 31168
Ion Ratio Lower Upper
122 100
105 138.6 105.4 145.4
77 132.0 87.4 127.4#





#33
4-Chloroaniline
Concen: 28.102 ng
RT: 11.398 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

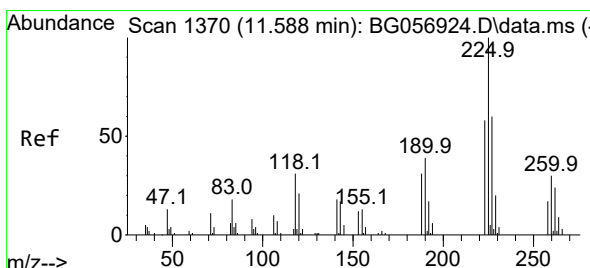
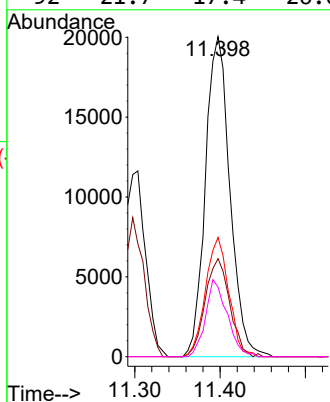
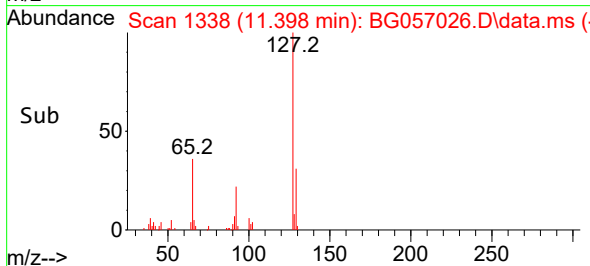
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



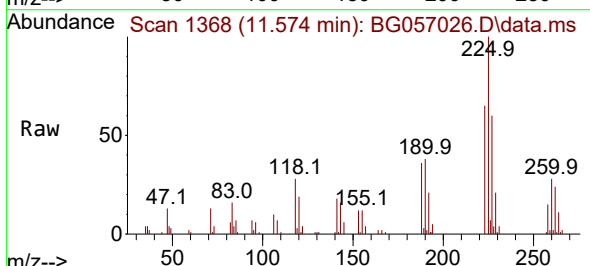
Tgt Ion:127 Resp: 3998
Ion Ratio Lower Upper
127 100
129 30.6 27.6 41.4
65 37.3 29.8 44.8
92 21.7 17.4 26.0

Manual Integrations
APPROVED

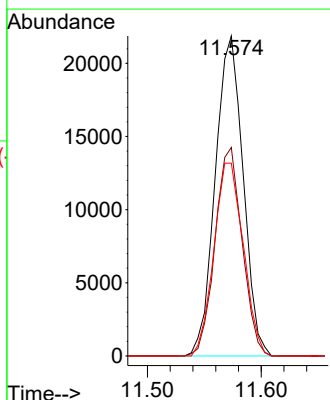
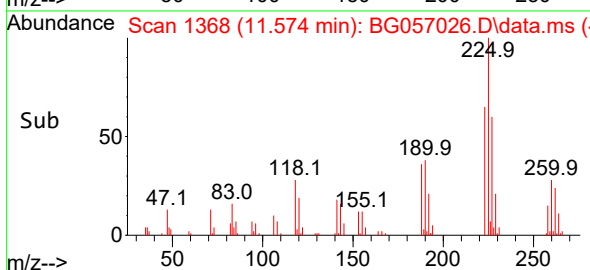
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

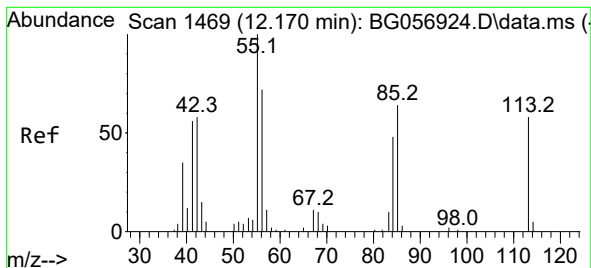


#34
Hexachlorobutadiene
Concen: 44.010 ng
RT: 11.574 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36



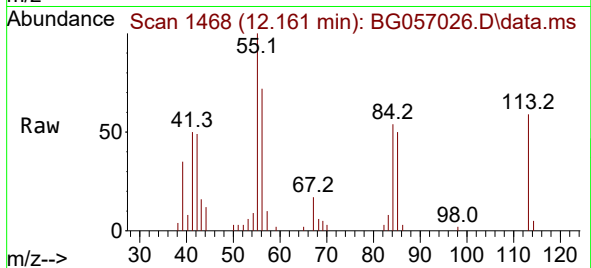
Tgt Ion:225 Resp: 37183
Ion Ratio Lower Upper
225 100
223 65.2 46.4 69.6
227 60.2 48.0 72.0





#35
Caprolactam
Concen: 42.306 ng m
RT: 12.161 min Scan# 1469
Delta R.T. -0.012 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

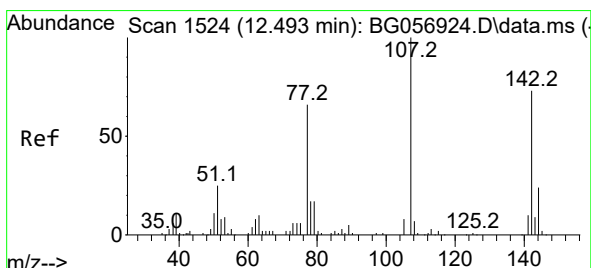
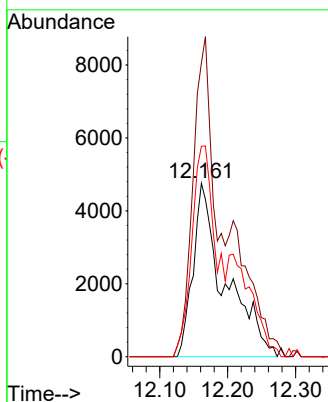
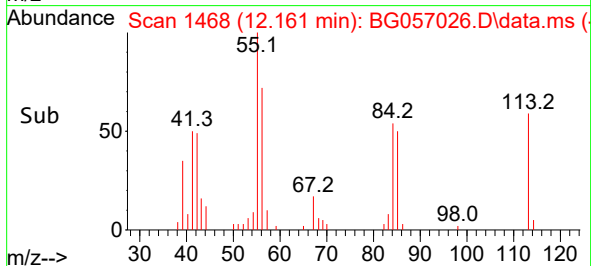
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



Tgt Ion:113 Resp: 1544
Ion Ratio Lower Upper
113 100
55 169.2 151.6 191.6
56 121.2 103.7 143.7

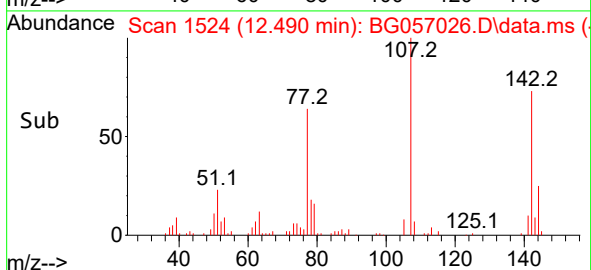
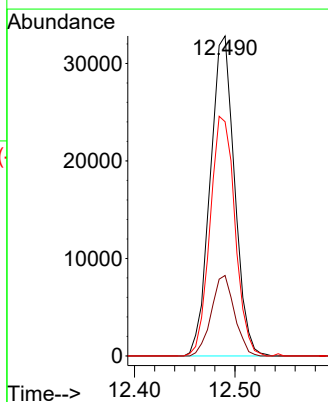
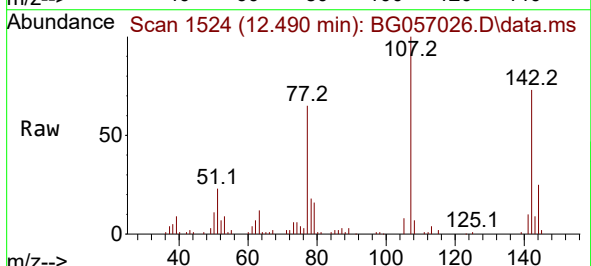
Manual Integrations
APPROVED

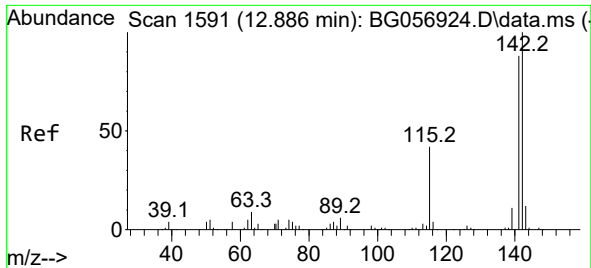
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#36
4-Chloro-3-methylphenol
Concen: 46.766 ng
RT: 12.490 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion:107 Resp: 55361
Ion Ratio Lower Upper
107 100
144 25.1 19.0 28.4
142 73.2 58.6 88.0





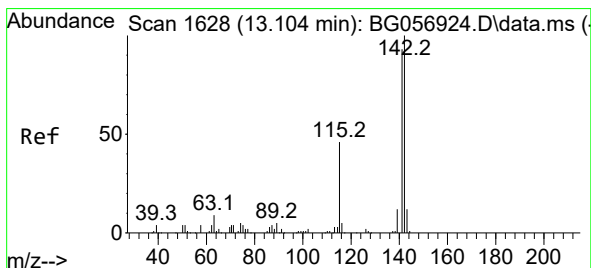
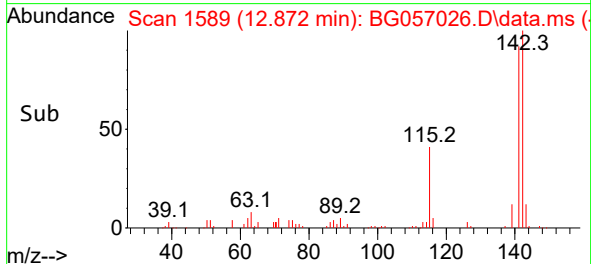
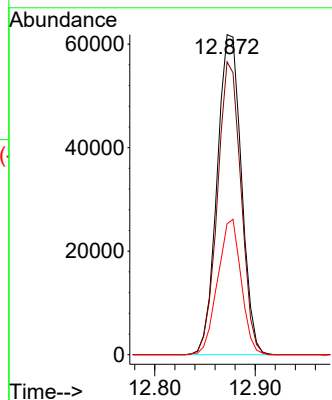
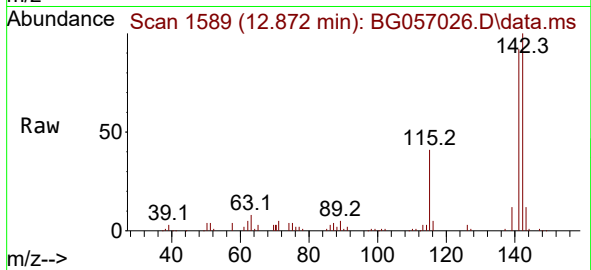
#37
2-Methylnaphthalene
Concen: 41.437 ng
RT: 12.872 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

Tgt Ion:142 Resp: 10361
Ion Ratio Lower Upper
142 100
141 91.5 70.3 105.5
115 40.9 33.5 50.3

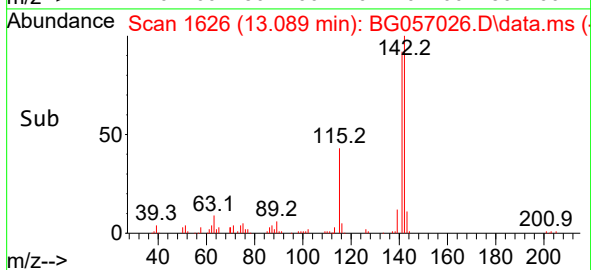
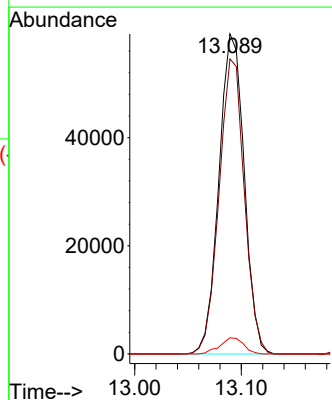
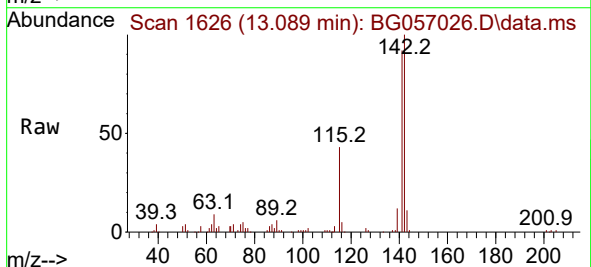
Manual Integrations
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Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#38
1-Methylnaphthalene
Concen: 41.388 ng
RT: 13.089 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

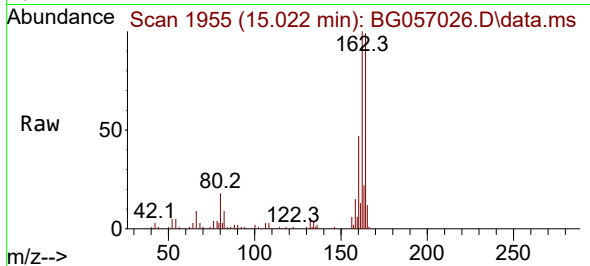
Tgt Ion:142 Resp: 97179
Ion Ratio Lower Upper
142 100
141 92.2 74.0 111.0
116 5.1 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.022 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

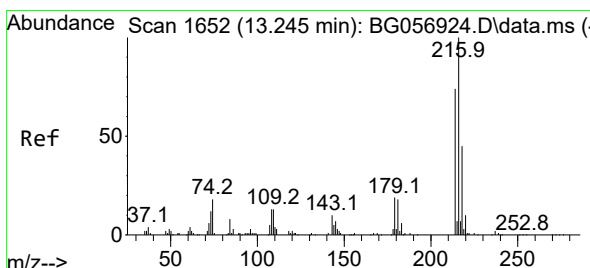
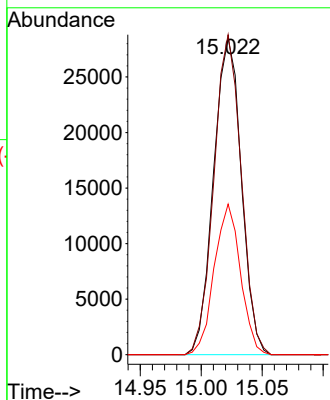
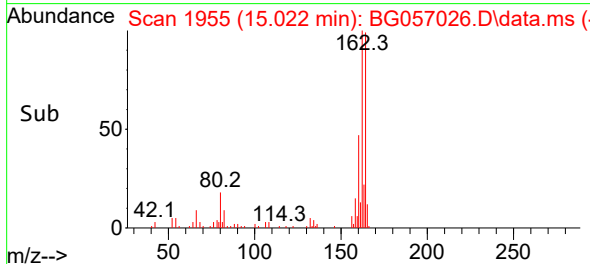
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



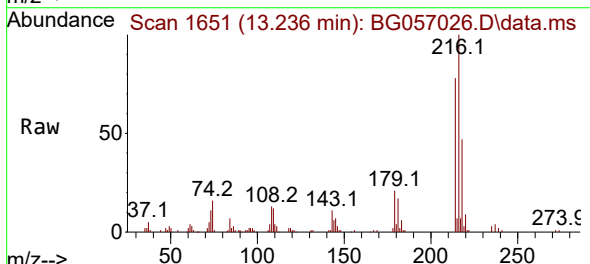
Tgt Ion:164 Resp: 45120
Ion Ratio Lower Upper
164 100
162 101.1 77.8 116.8
160 47.6 33.5 50.3

Manual Integrations
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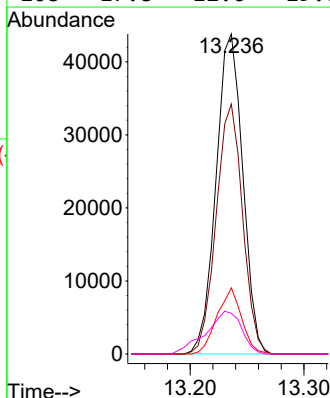
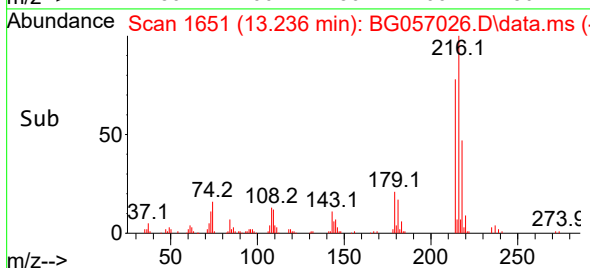
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

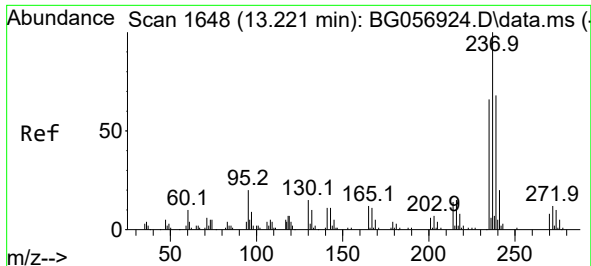


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.694 ng
RT: 13.236 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36



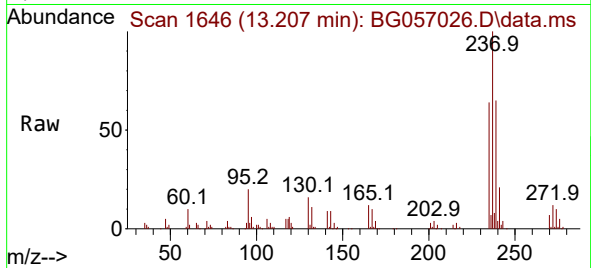
Tgt Ion:216 Resp: 71494
Ion Ratio Lower Upper
216 100
214 77.2 63.3 94.9
179 19.0 15.0 22.6
108 17.8 12.6 19.0





#41
Hexachlorocyclopentadiene
Concen: 112.655 ng
RT: 13.207 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

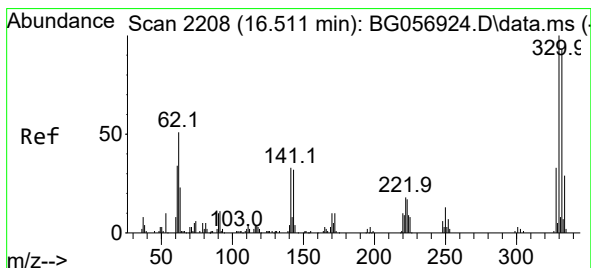
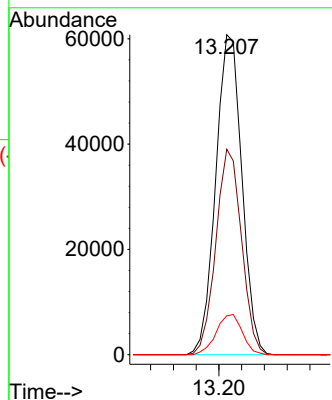
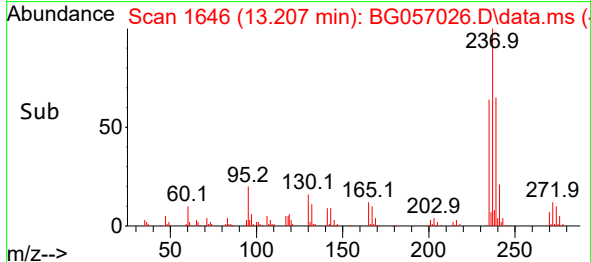
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



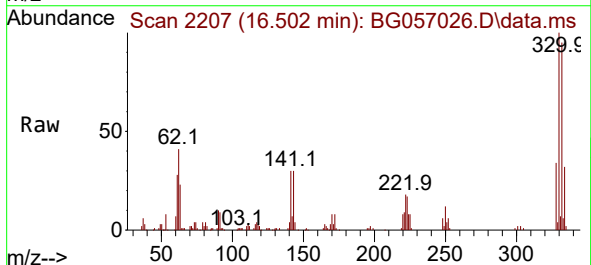
Tgt Ion: 237 Resp: 9711
Ion Ratio Lower Upper
237 100
235 64.2 45.9 85.9
272 12.1 0.0 32.3

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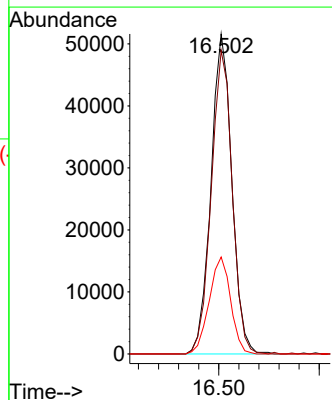
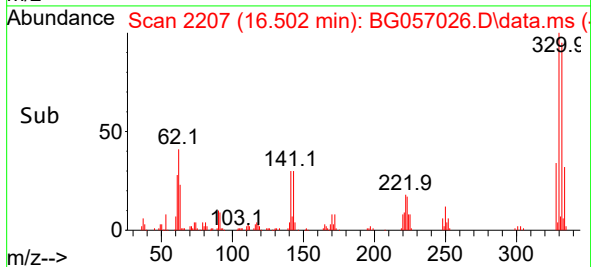
Reviewed By : Christian Giraldo 04/10/2023
Supervised By : Jagrut Upadhyay 04/10/2023

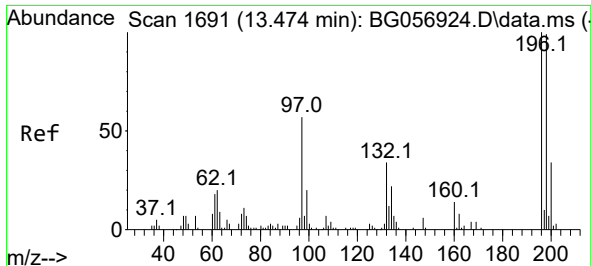


#42
2,4,6-Tribromophenol
Concen: 103.442 ng
RT: 16.502 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36



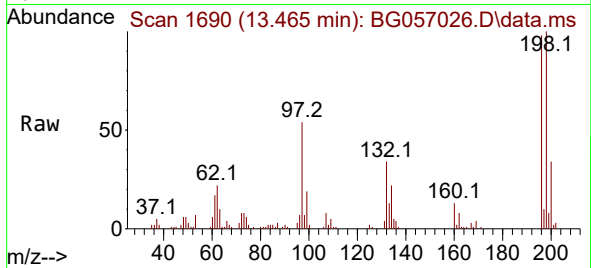
Tgt Ion: 330 Resp: 74562
Ion Ratio Lower Upper
330 100
332 95.1 76.1 114.1
141 31.1 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 47.202 ng
RT: 13.465 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

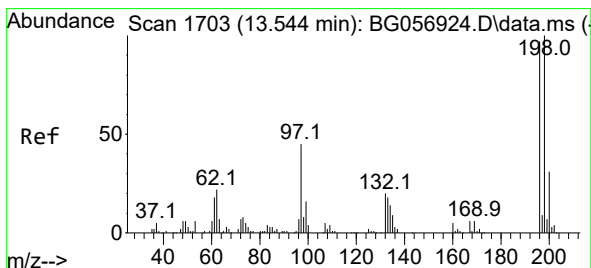
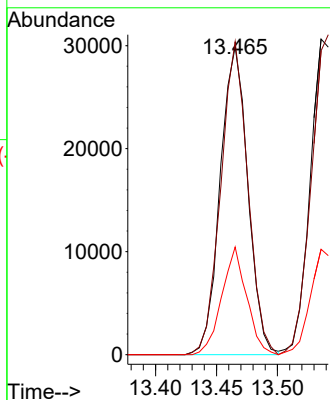
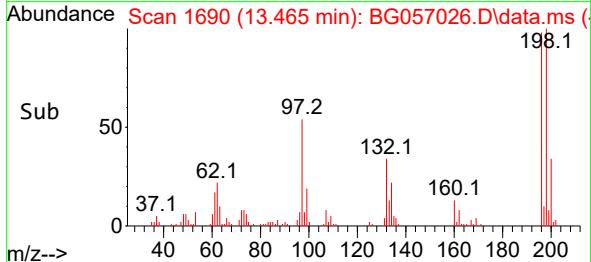
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



Tgt Ion:196 Resp: 47129
Ion Ratio Lower Upper
196 100
198 101.7 79.1 118.7
200 35.0 27.2 40.8

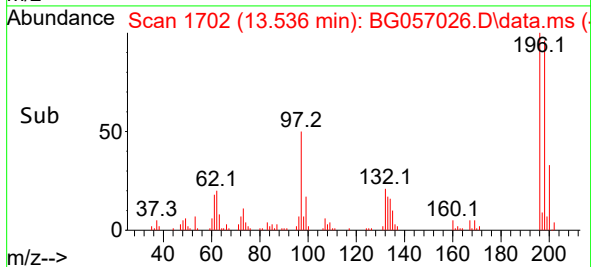
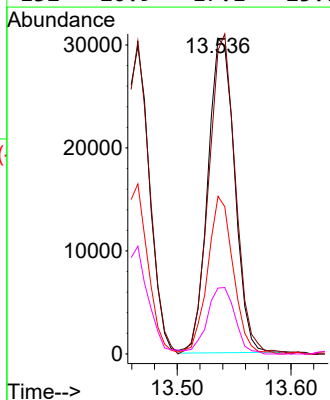
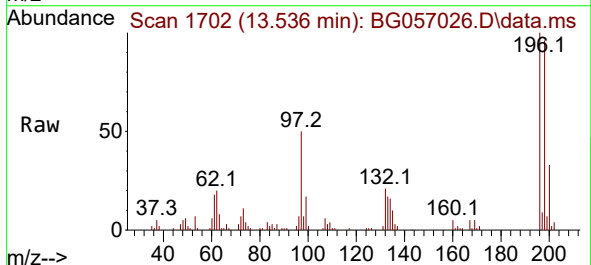
Manual Integrations
APPROVED

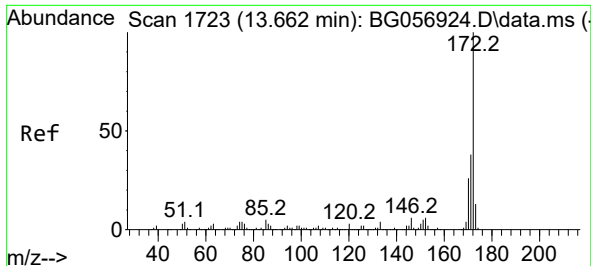
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#44
2,4,5-Trichlorophenol
Concen: 42.168 ng
RT: 13.536 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

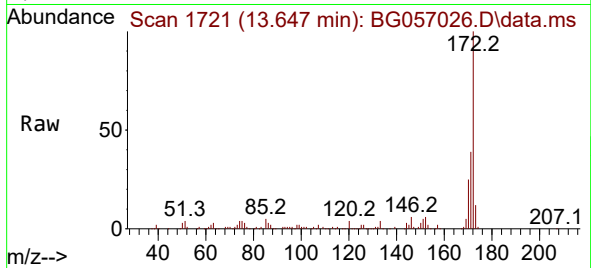
Tgt Ion:196 Resp: 49877
Ion Ratio Lower Upper
196 100
198 96.2 82.5 123.7
97 49.9 37.0 55.6
132 20.9 17.1 25.7





#45
2-Fluorobiphenyl
Concen: 61.743 ng
RT: 13.647 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

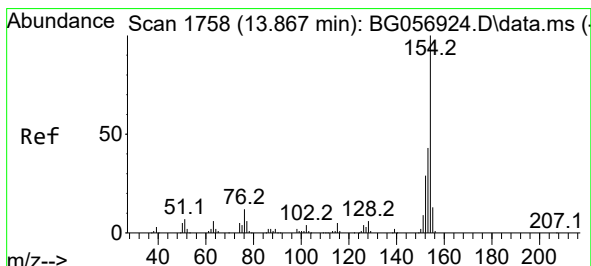
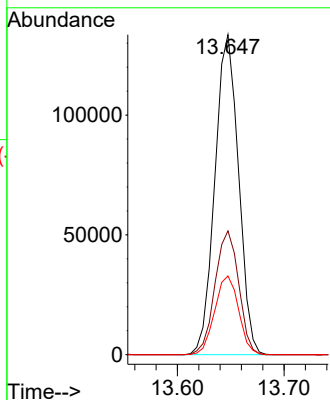
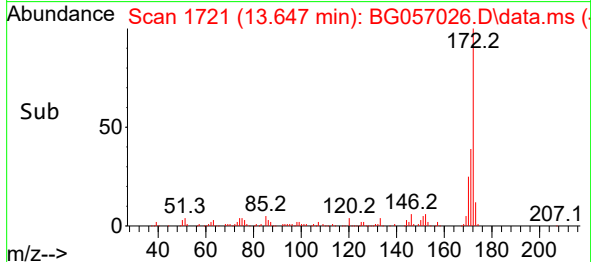
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



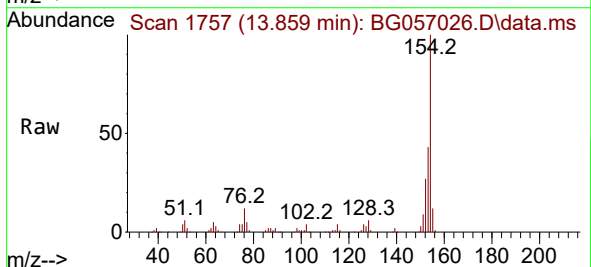
Tgt Ion:172 Resp: 205449
Ion Ratio Lower Upper
172 100
171 38.7 30.6 46.0
170 24.6 20.6 30.8

Manual Integrations
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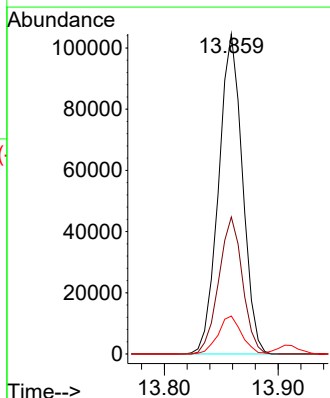
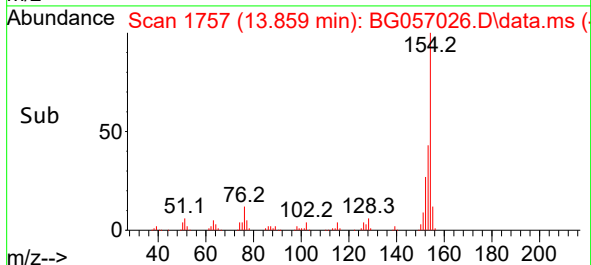
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

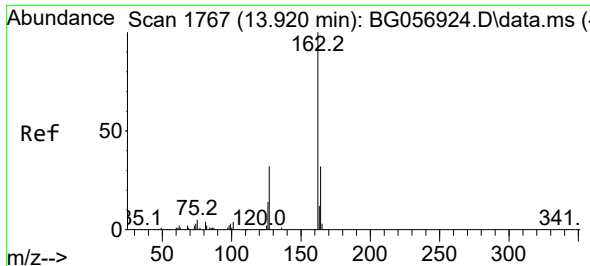


#46
1,1'-Biphenyl
Concen: 46.097 ng
RT: 13.859 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36



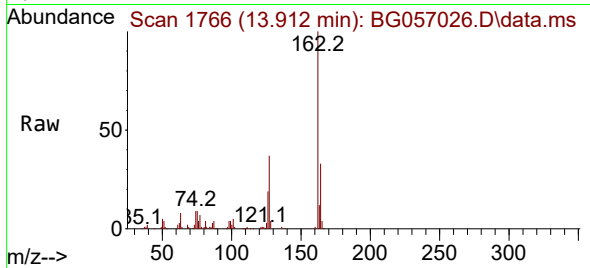
Tgt Ion:154 Resp: 152253
Ion Ratio Lower Upper
154 100
153 42.8 23.4 63.4
76 11.9 0.0 31.6





#47
2-Chloronaphthalene
Concen: 46.494 ng
RT: 13.912 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

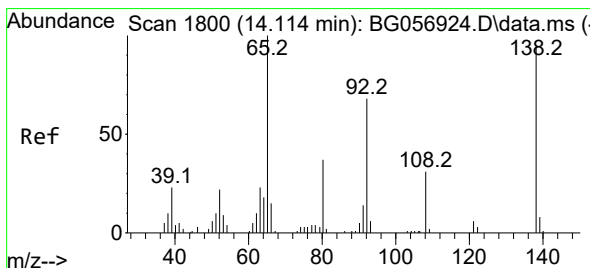
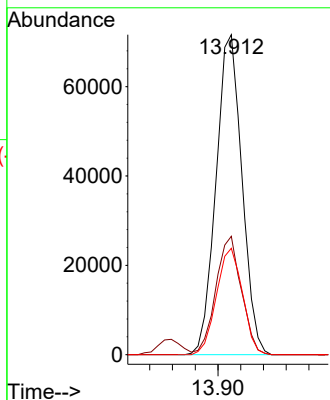
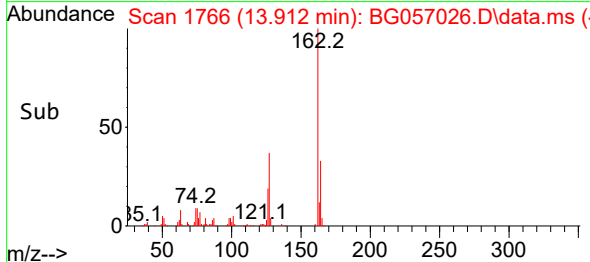
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



Tgt Ion:162 Resp: 113570
Ion Ratio Lower Upper
162 100
127 37.0 29.5 44.3
164 33.3 25.5 38.3

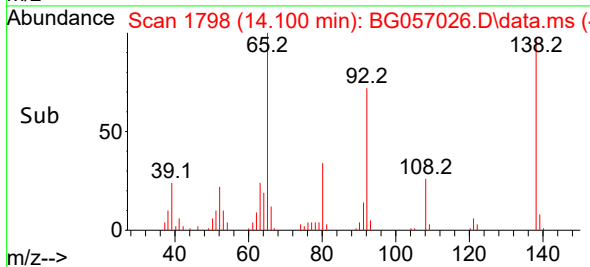
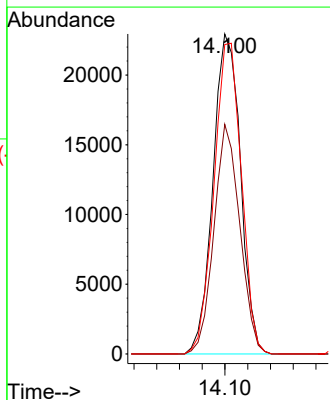
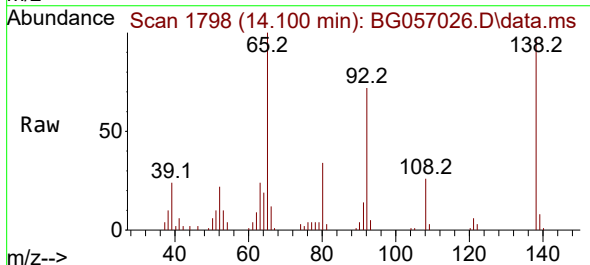
Manual Integrations
APPROVED

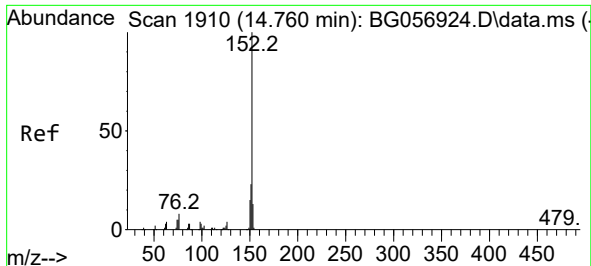
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#48
2-Nitroaniline
Concen: 44.041 ng
RT: 14.100 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Tgt Ion: 65 Resp: 38469
Ion Ratio Lower Upper
65 100
92 71.8 54.3 81.5
138 96.7 76.0 114.0





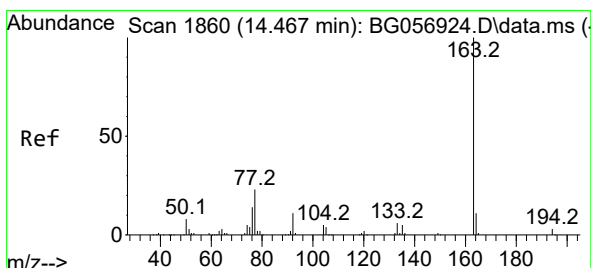
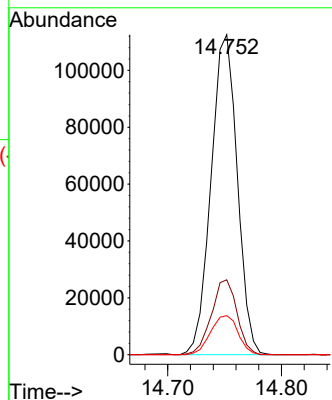
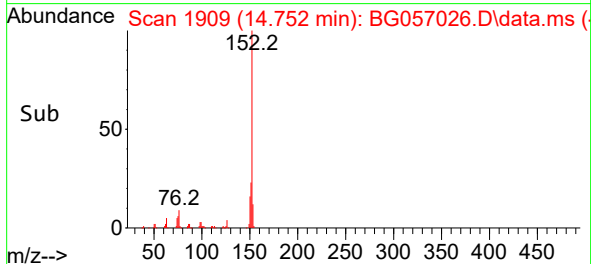
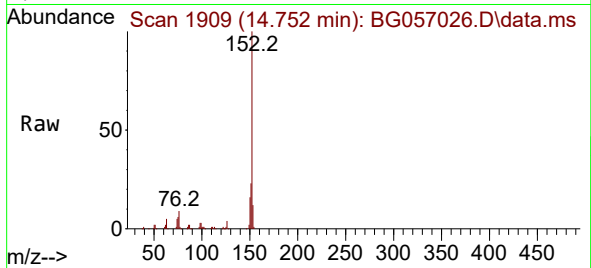
#49
Acenaphthylene
Concen: 44.905 ng
RT: 14.752 min Scan# 1910
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

Tgt Ion:152 Resp: 180230
Ion Ratio Lower Upper
152 100
151 23.4 18.2 27.2
153 12.2 10.5 15.7

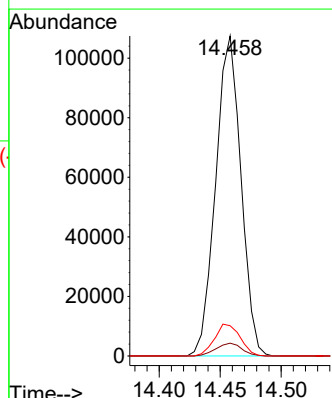
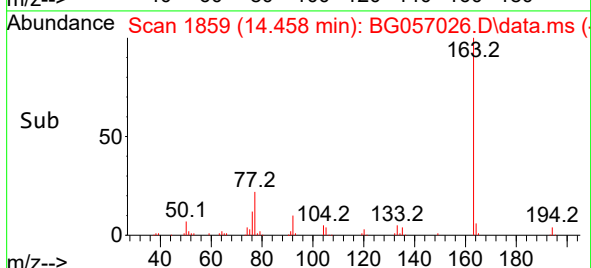
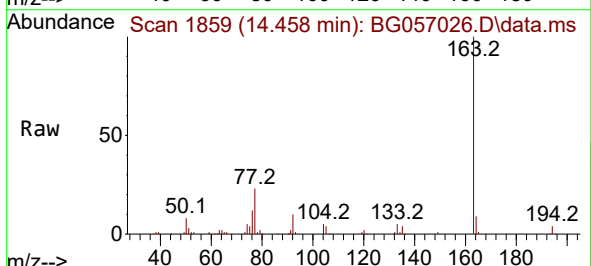
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#50
Dimethylphthalate
Concen: 43.647 ng
RT: 14.458 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

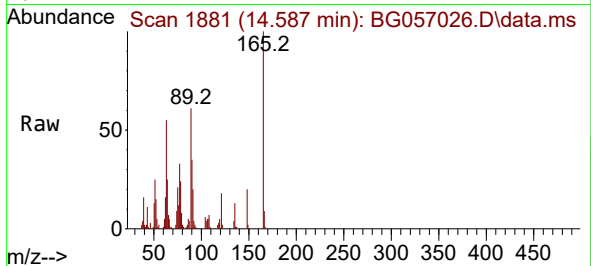
Tgt Ion:163 Resp: 155171
Ion Ratio Lower Upper
163 100
194 4.0 2.8 4.2
164 9.5 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 45.137 ng
RT: 14.587 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

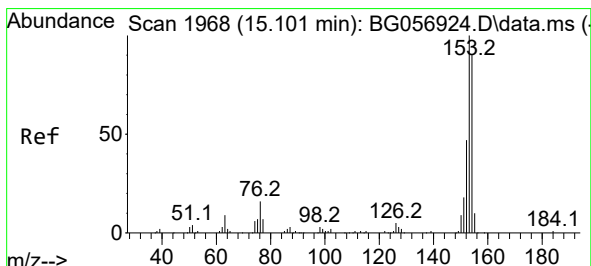
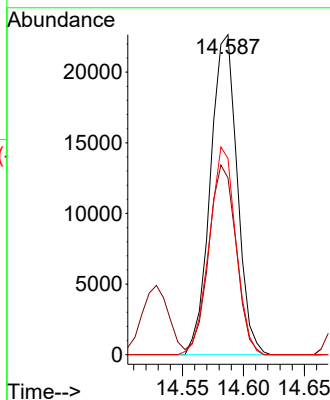
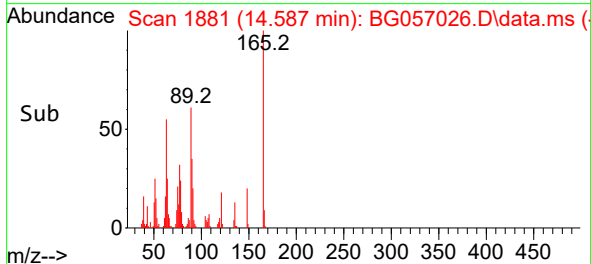
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



Tgt Ion:165 Resp: 3467
Ion Ratio Lower Upper
165 100
63 55.3 53.0 79.6
89 61.4 51.0 76.4

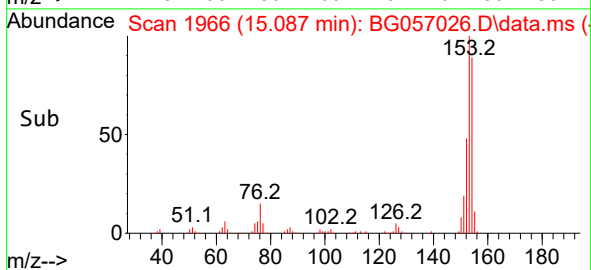
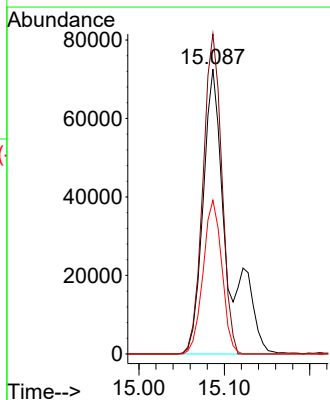
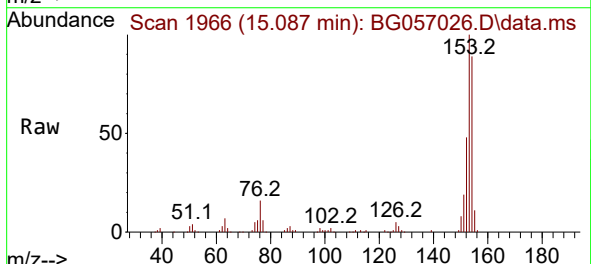
Manual Integrations
APPROVED

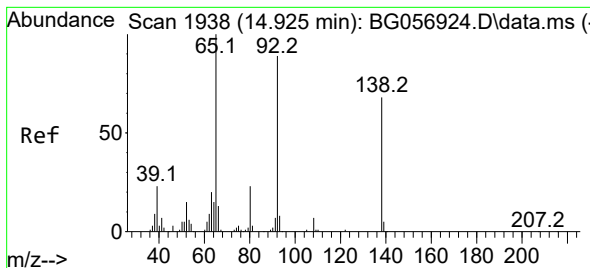
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#52
Acenaphthene
Concen: 51.455 ng m
RT: 15.087 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

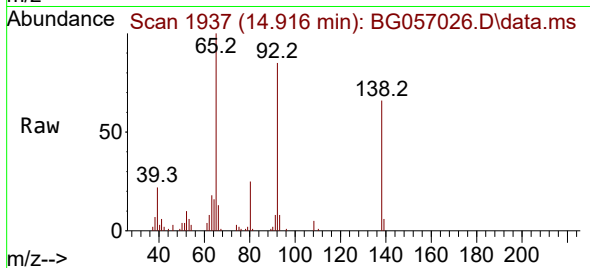
Tgt Ion:154 Resp: 142433
Ion Ratio Lower Upper
154 100
153 112.4 88.9 133.3
152 54.0 41.8 62.8





#53
3-Nitroaniline
Concen: 31.494 ng
RT: 14.916 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

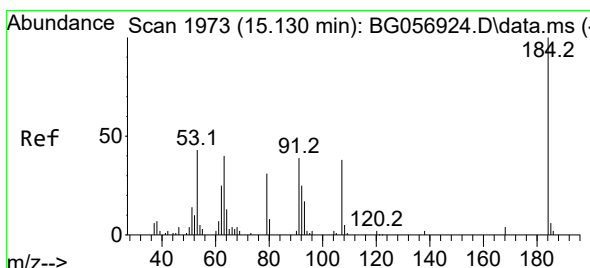
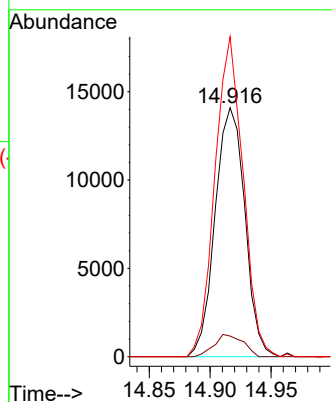
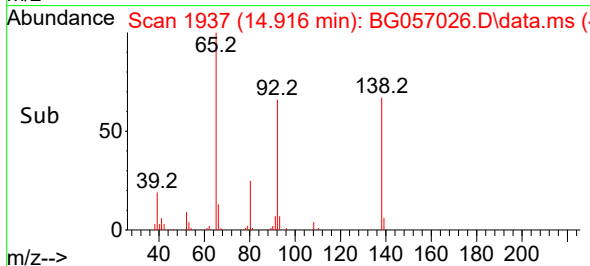
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



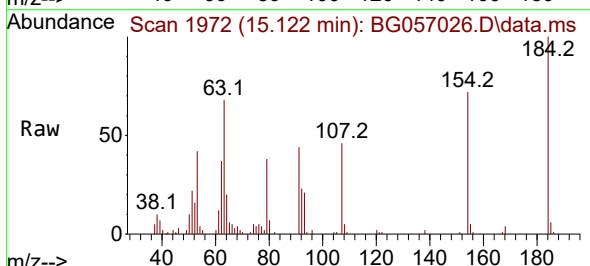
Tgt Ion:138 Resp: 23945
Ion Ratio Lower Upper
138 100
108 8.3 8.2 12.2
92 128.5 105.2 157.8

Manual Integrations
APPROVED

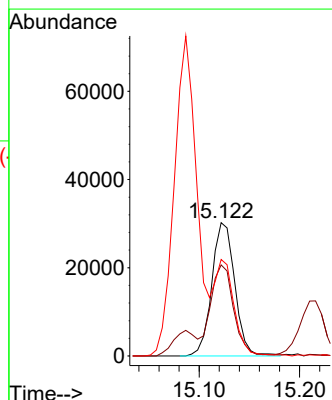
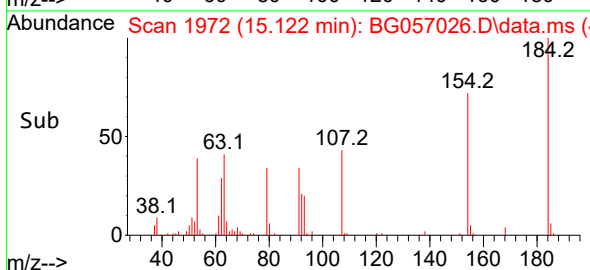
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

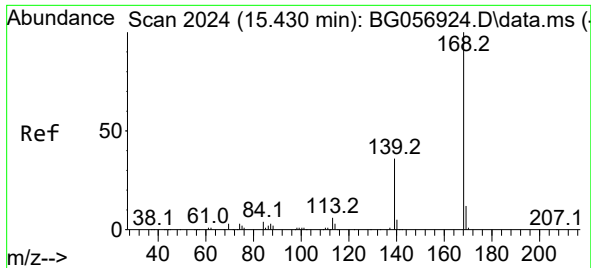


#54
2,4-Dinitrophenol
Concen: 111.158 ng
RT: 15.122 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36



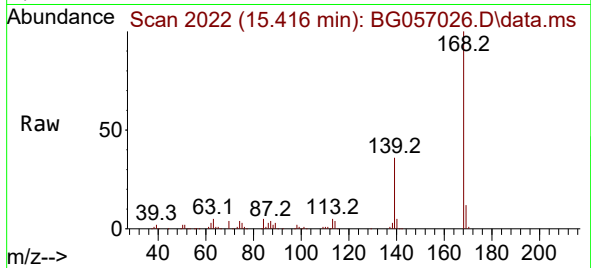
Tgt Ion:184 Resp: 48059
Ion Ratio Lower Upper
184 100
63 68.3 46.5 69.7
154 72.4 53.5 80.3





#55
Dibenzofuran
Concen: 44.220 ng
RT: 15.416 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

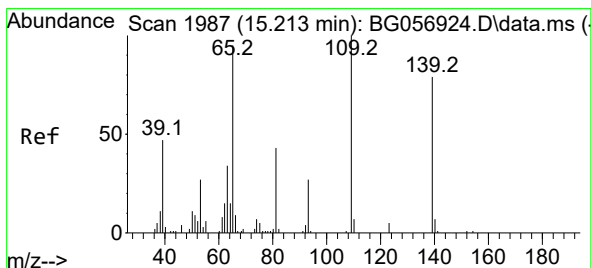
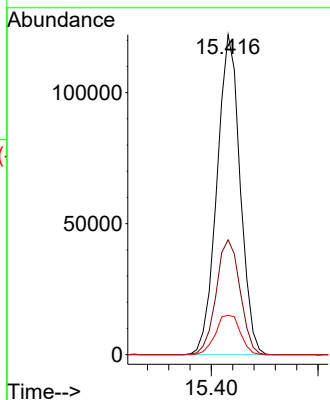
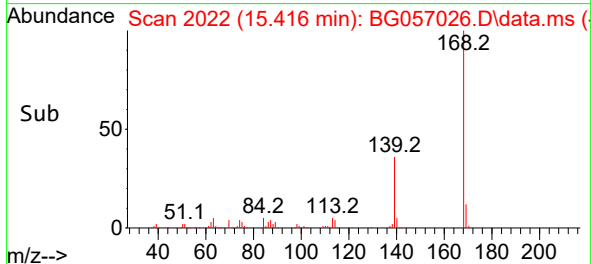
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



Tgt Ion:168 Resp: 183710
Ion Ratio Lower Upper
168 100
139 35.9 28.9 43.3
169 12.3 9.8 14.6

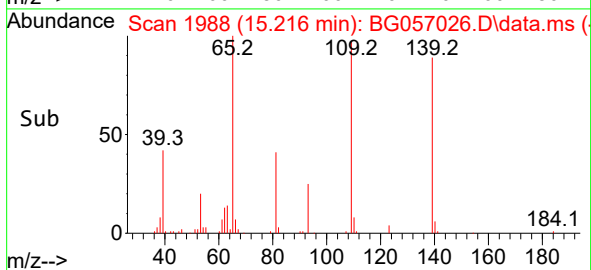
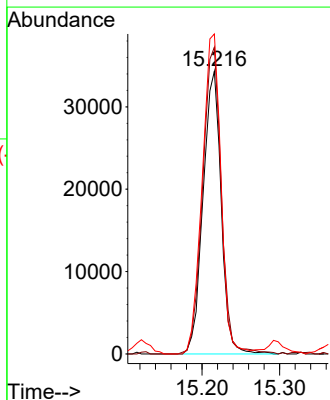
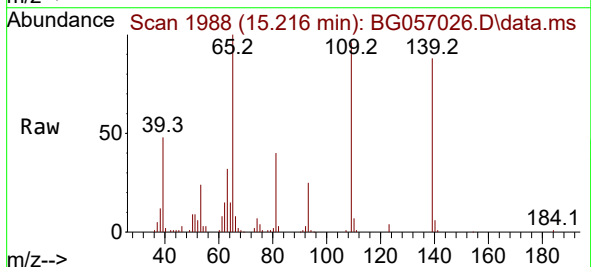
Manual Integrations
APPROVED

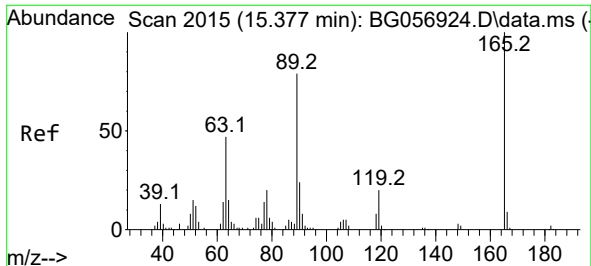
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#56
4-Nitrophenol
Concen: 98.965 ng
RT: 15.216 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

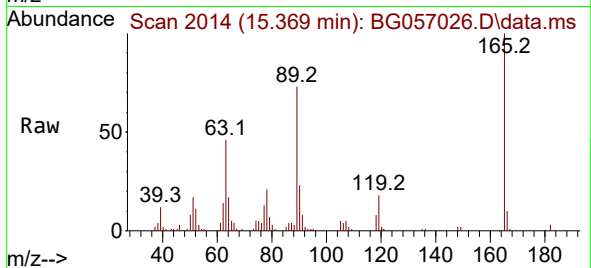
Tgt Ion:139 Resp: 55640
Ion Ratio Lower Upper
139 100
109 108.5 106.7 146.7
65 113.2 100.5 140.5





#57
2,4-Dinitrotoluene
Concen: 46.053 ng
RT: 15.369 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

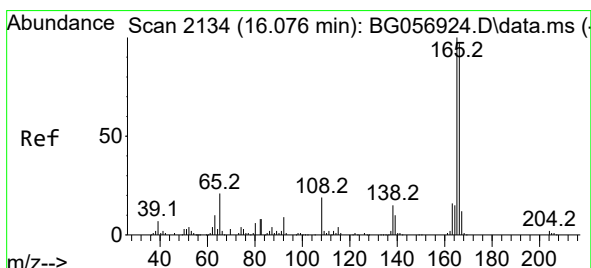
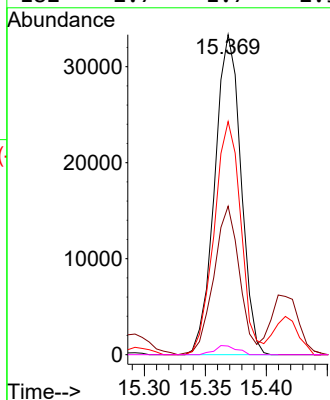
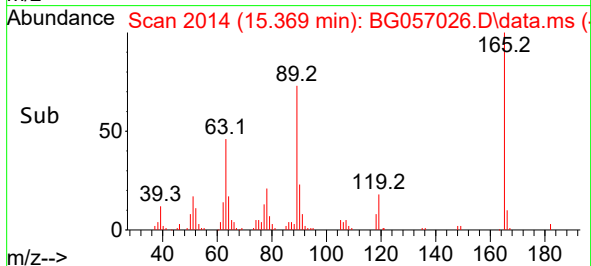
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



Tgt Ion:165 Resp: 49892
Ion Ratio Lower Upper
165 100
63 46.4 37.7 56.5
89 72.8 63.2 94.8
182 2.7 1.7 2.5#

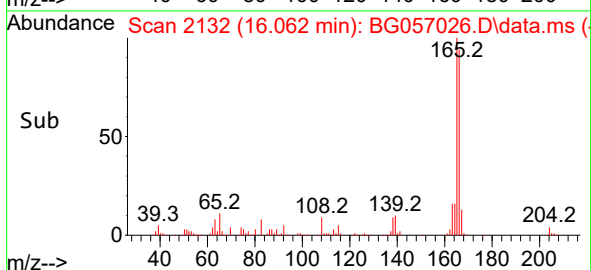
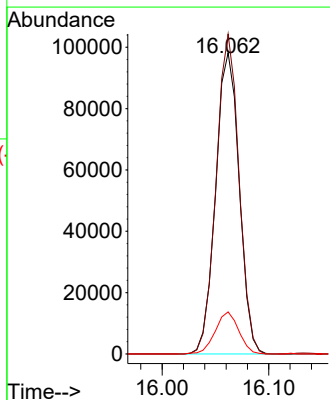
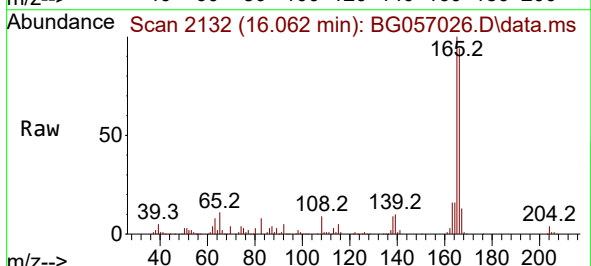
Manual Integrations
APPROVED

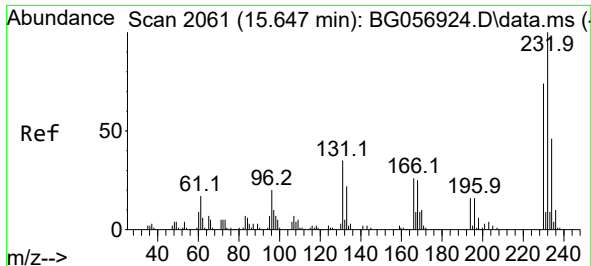
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#58
Fluorene
Concen: 43.721 ng
RT: 16.062 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

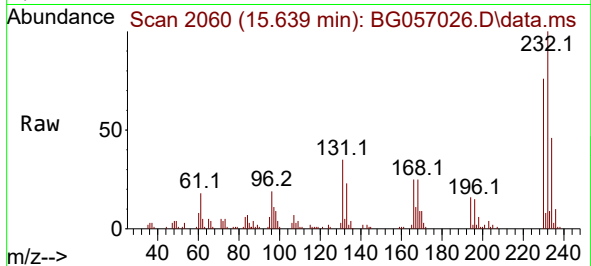
Tgt Ion:166 Resp: 150306
Ion Ratio Lower Upper
166 100
165 106.3 82.6 123.8
167 14.0 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.048 ng
RT: 15.639 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

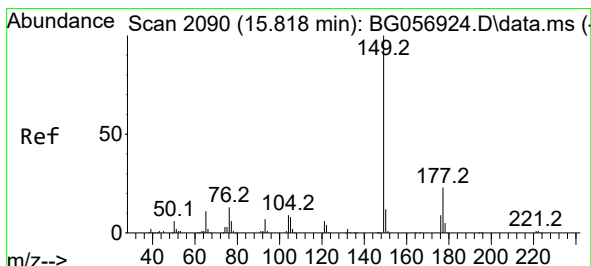
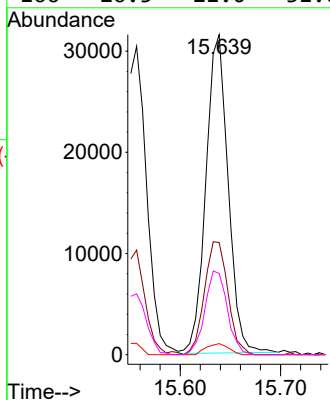
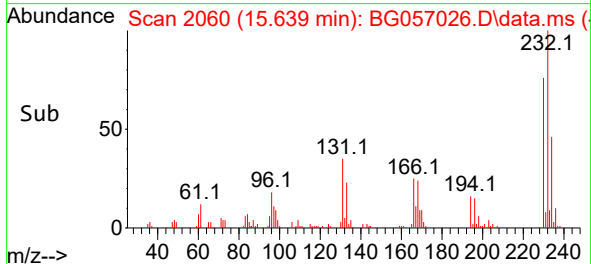
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



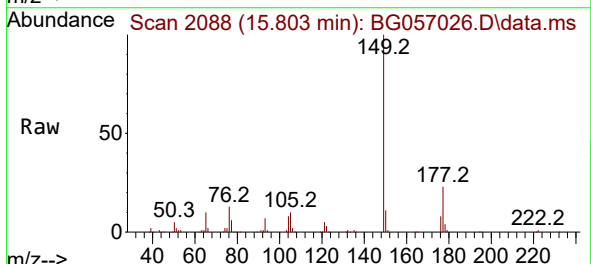
Tgt Ion:232 Resp: 4851
Ion Ratio Lower Upper
232 100
131 37.5 29.3 43.9
130 3.5 1.7 2.5
166 26.5 21.0 31.6

Manual Integrations
APPROVED

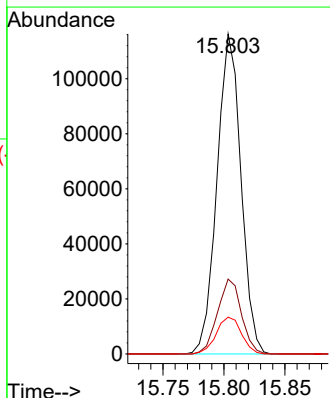
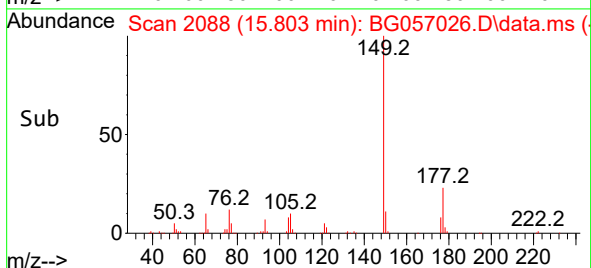
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

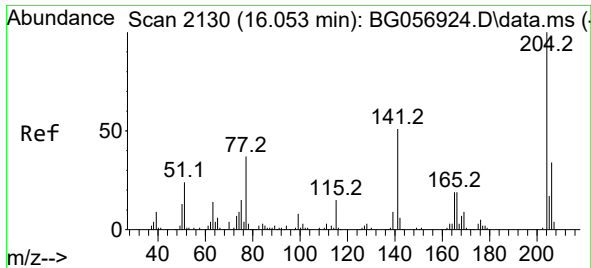


#60
Diethylphthalate
Concen: 44.610 ng
RT: 15.803 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36



Tgt Ion:149 Resp: 158990
Ion Ratio Lower Upper
149 100
177 23.4 18.8 28.2
150 11.5 9.4 14.2





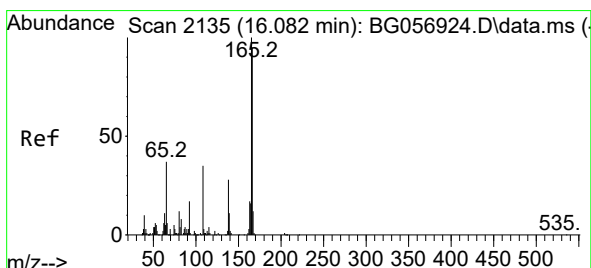
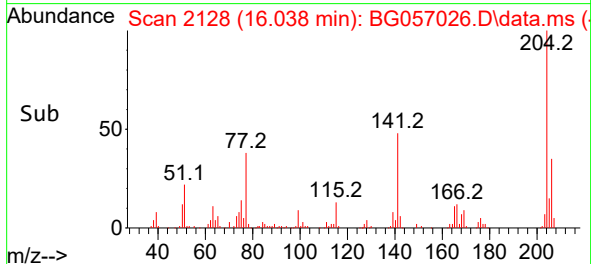
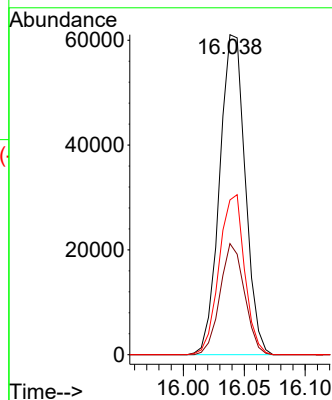
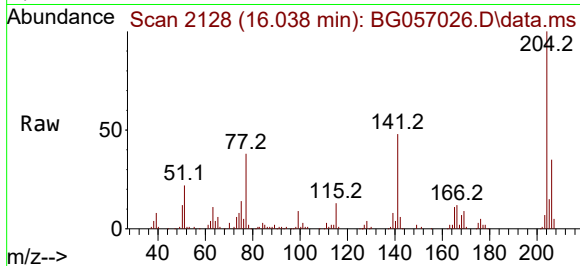
#61
4-Chlorophenyl-phenylether
Concen: 44.172 ng
RT: 16.038 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS

Tgt Ion:204 Resp: 89160
Ion Ratio Lower Upper
204 100
206 34.7 27.2 40.8
141 48.3 40.7 61.1

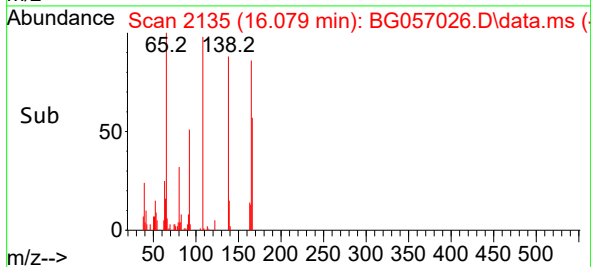
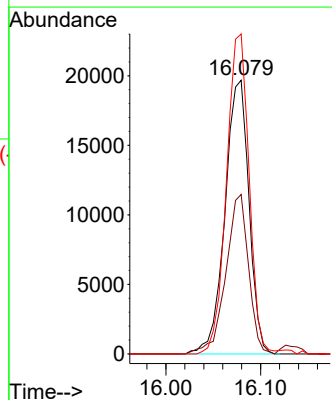
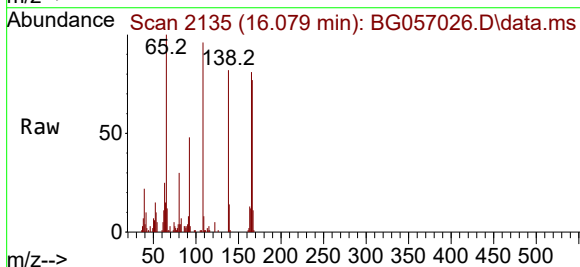
Manual Integrations
APPROVED

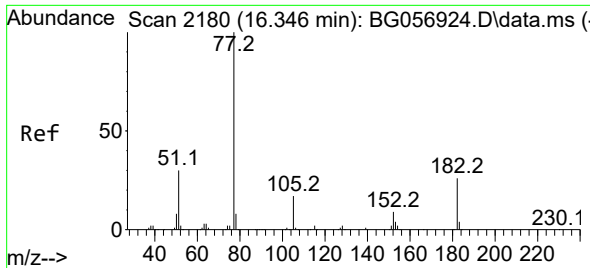
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#62
4-Nitroaniline
Concen: 43.927 ng
RT: 16.079 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

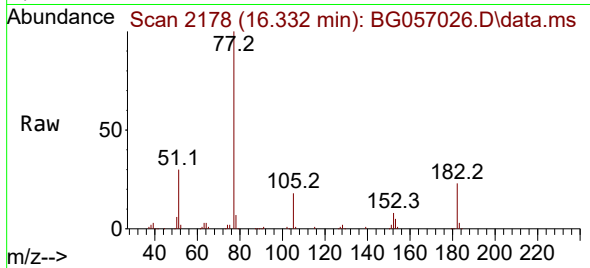
Tgt Ion:138 Resp: 34603
Ion Ratio Lower Upper
138 100
92 58.3 40.9 80.9
108 116.9 104.3 144.3





#63
Azobenzene
Concen: 48.872 ng
RT: 16.332 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

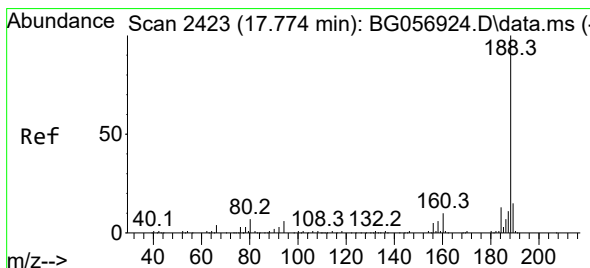
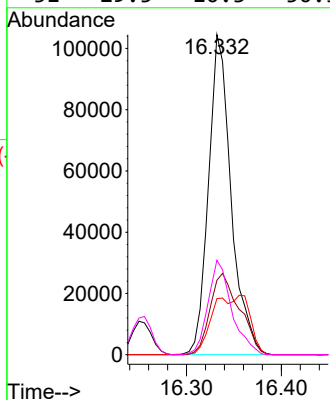
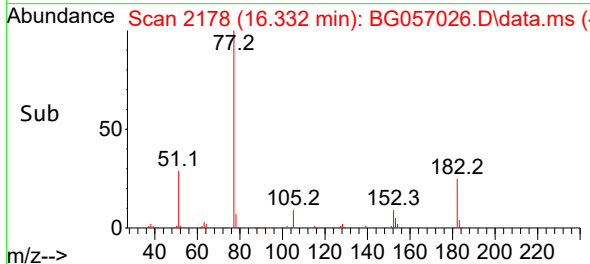
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



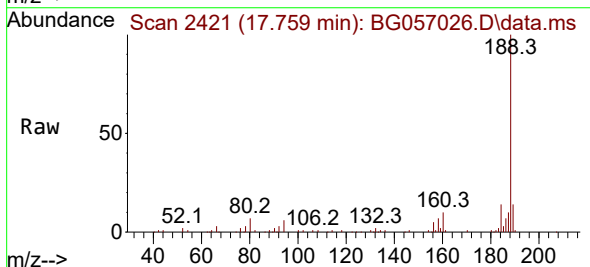
Tgt Ion: 77 Resp: 173584
Ion Ratio Lower Upper
77 100
182 23.3 5.9 45.9
105 17.5 0.0 36.8
51 29.5 10.3 50.3

Manual Integrations
APPROVED

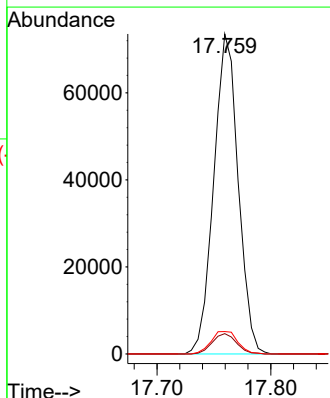
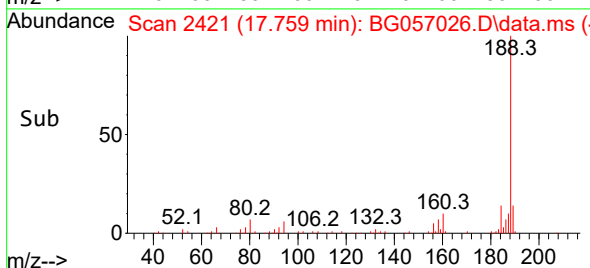
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

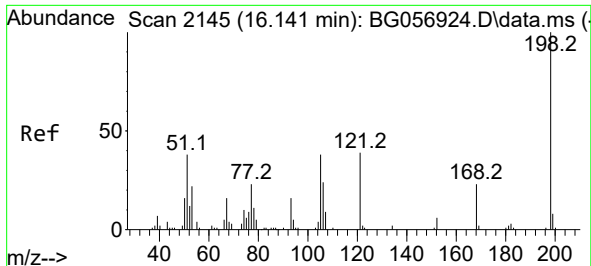


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.759 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36



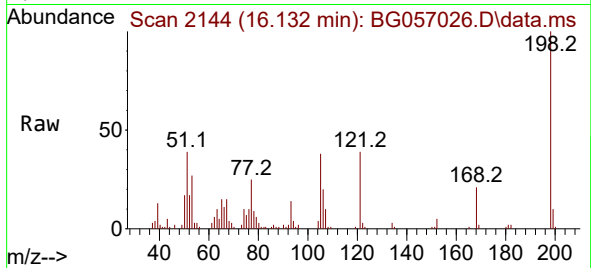
Tgt Ion:188 Resp: 109667
Ion Ratio Lower Upper
188 100
94 6.4 4.6 6.8
80 7.0 5.5 8.3





#65
4,6-Dinitro-2-methylphenol
Concen: 51.881 ng
RT: 16.132 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

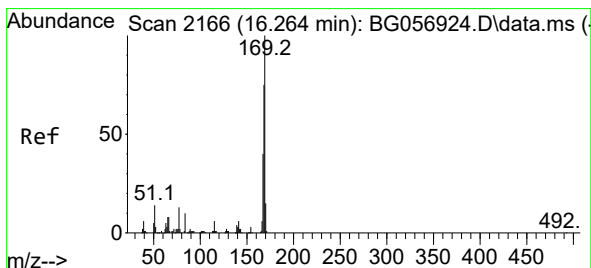
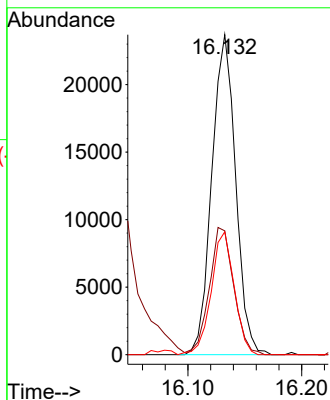
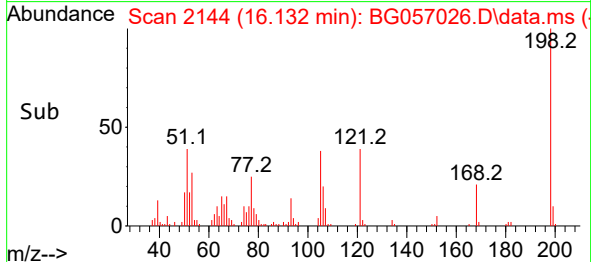
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



Tgt Ion:198 Resp: 3445
Ion Ratio Lower Upper
198 100
51 38.7 20.5 60.5
105 38.4 18.1 58.1

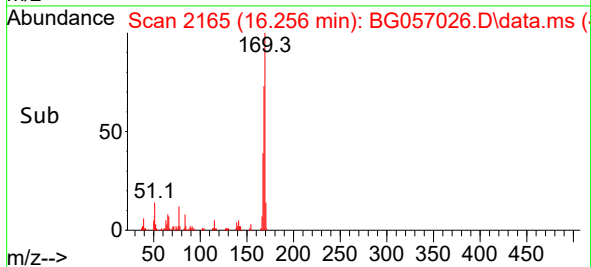
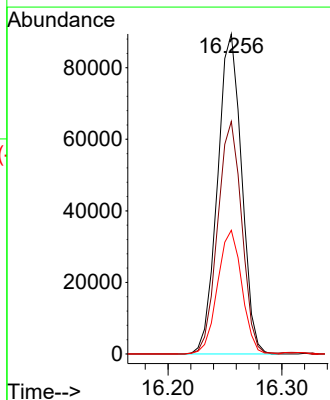
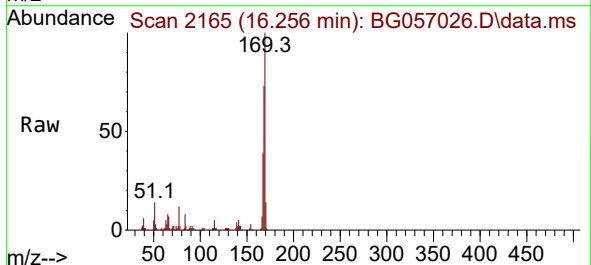
Manual Integrations
APPROVED

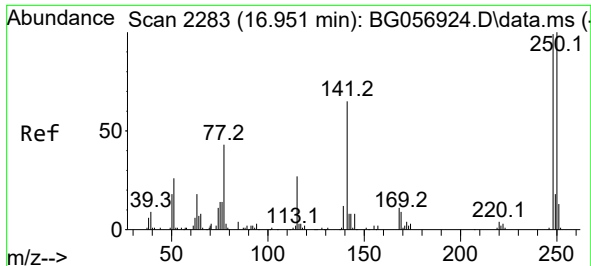
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#66
n-Nitrosodiphenylamine
Concen: 44.746 ng
RT: 16.256 min Scan# 2165
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

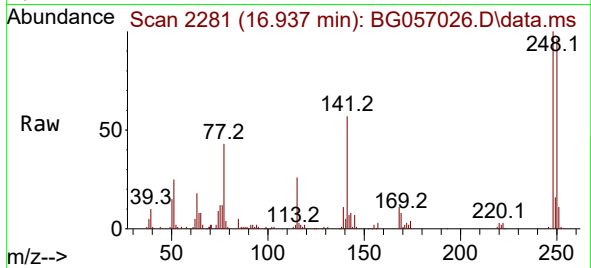
Tgt Ion:169 Resp: 131728
Ion Ratio Lower Upper
169 100
168 72.7 59.6 89.4
167 38.7 31.8 47.8





#67
4-Bromophenyl-phenylether
Concen: 43.323 ng
RT: 16.937 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

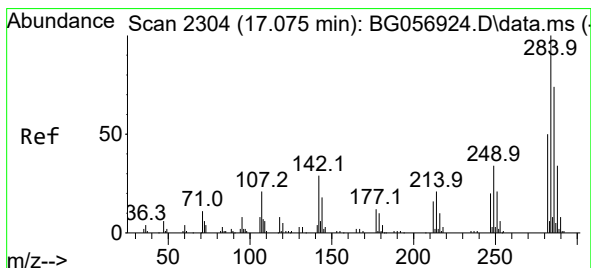
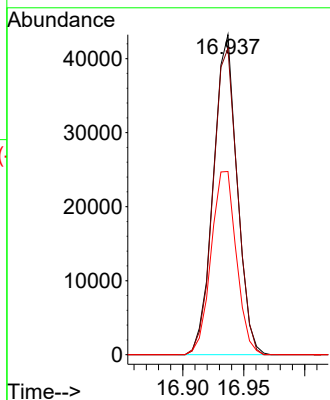
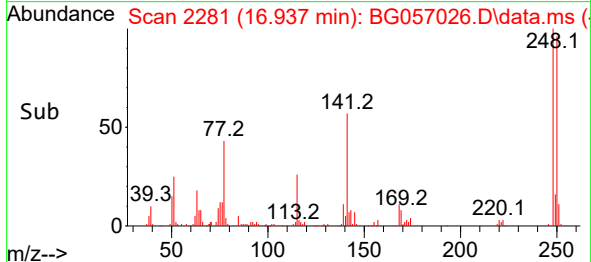
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



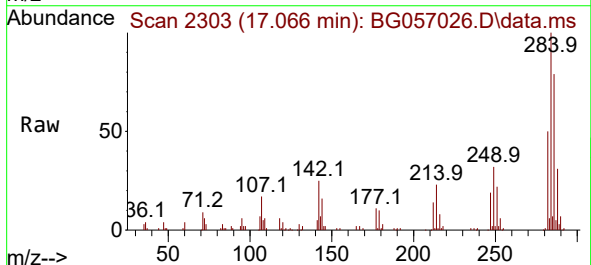
Tgt Ion:248 Resp: 58780
Ion Ratio Lower Upper
248 100
250 95.7 80.5 120.7
141 57.2 52.0 78.0

Manual Integrations
APPROVED

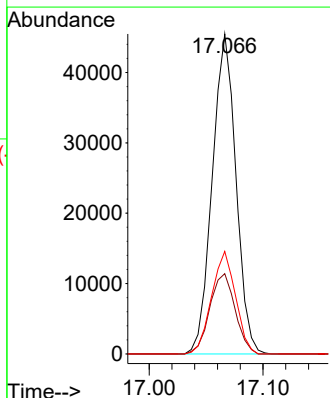
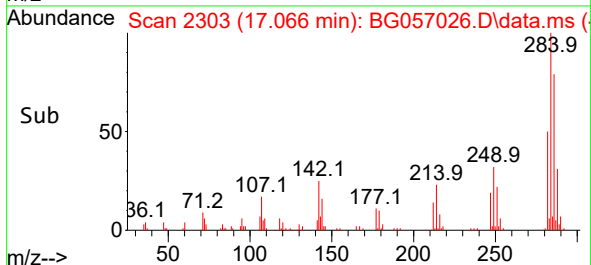
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

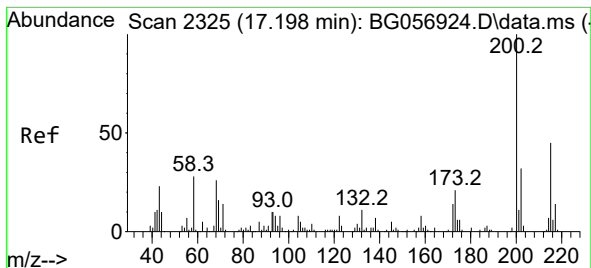


#68
Hexachlorobenzene
Concen: 49.042 ng
RT: 17.066 min Scan# 2303
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36



Tgt Ion:284 Resp: 65791
Ion Ratio Lower Upper
284 100
142 25.1 23.0 34.4
249 32.1 27.1 40.7





#69

Atrazine

Concen: 46.825 ng

RT: 17.190 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

Instrument :

BNA_G

ClientSampleId :

E-H4(ELEV-24)MS

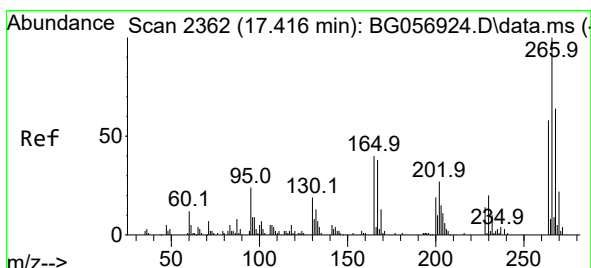
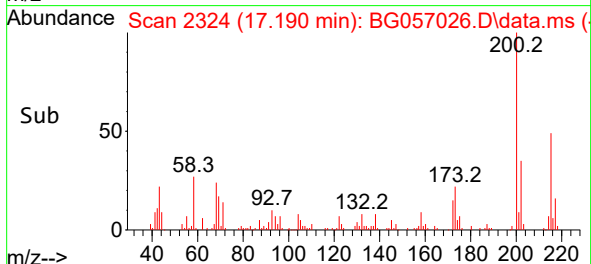
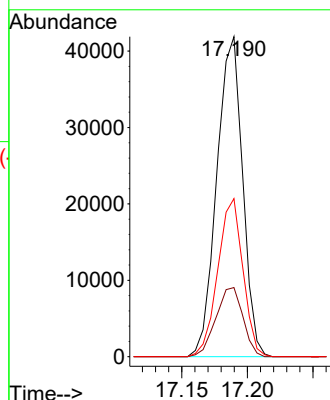
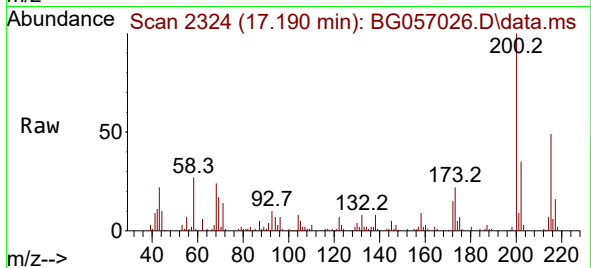
Tgt Ion:200 Resp: 5722

Ion	Ratio	Lower	Upper
200	100		
173	21.6	1.0	41.0
215	49.4	25.0	65.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#70

Pentachlorophenol

Concen: 83.881 ng

RT: 17.407 min Scan# 2361

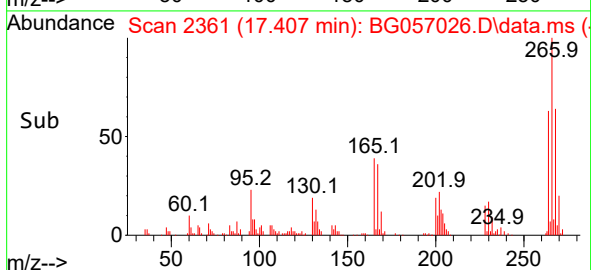
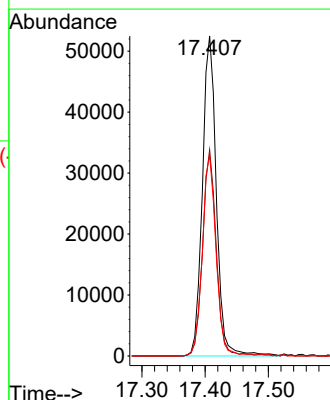
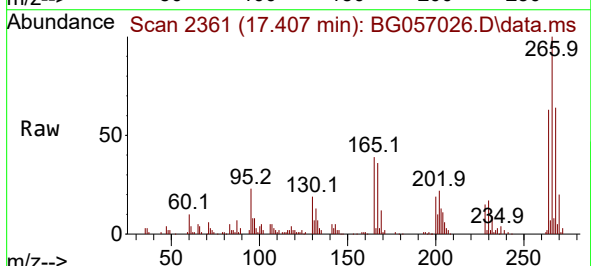
Delta R.T. -0.000 min

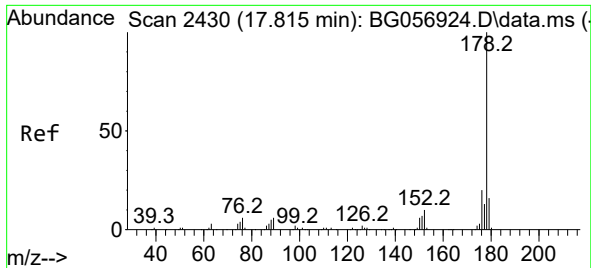
Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

Tgt Ion:266 Resp: 80730

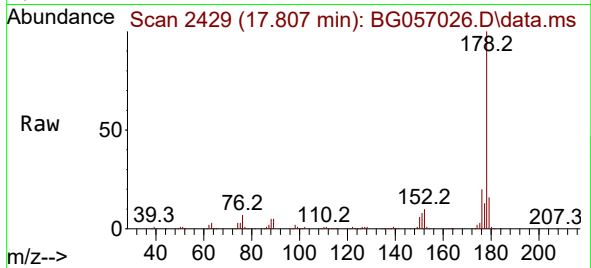
Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.0	76.6
264	62.8	46.8	70.2





#71
Phenanthrene
Concen: 44.441 ng
RT: 17.807 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

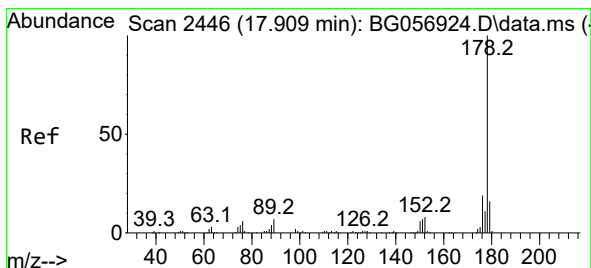
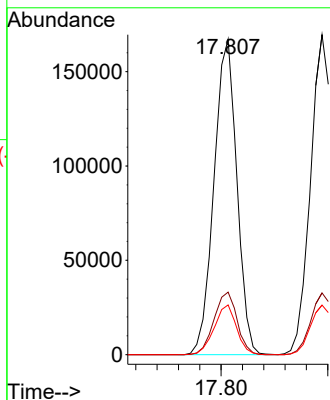
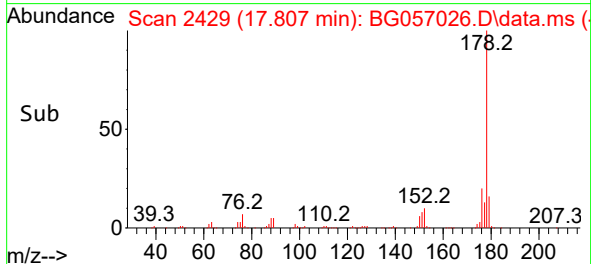
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



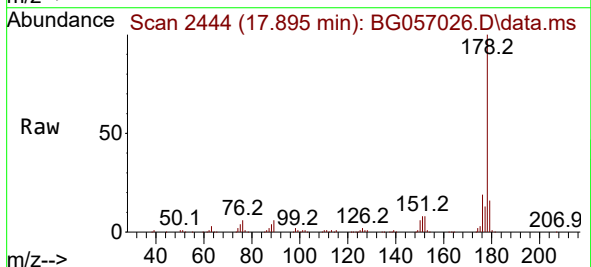
Tgt Ion:178 Resp: 24848
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 15.7 12.5 18.7

Manual Integrations
APPROVED

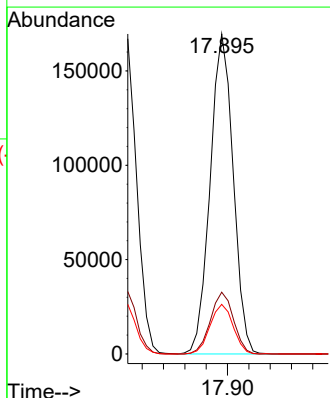
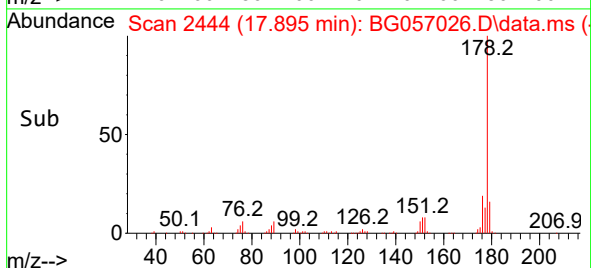
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

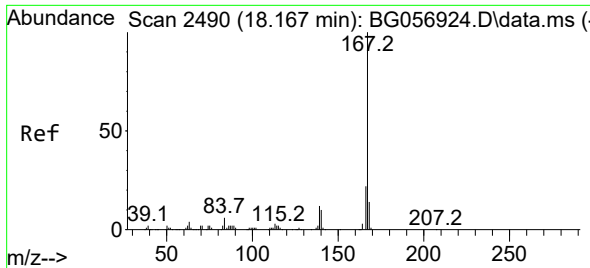


#72
Anthracene
Concen: 44.337 ng
RT: 17.895 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36



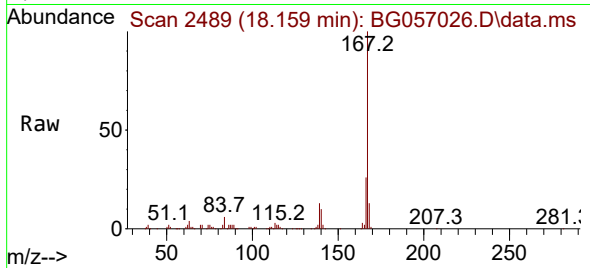
Tgt Ion:178 Resp: 254136
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.5 12.4 18.6





#73
Carbazole
Concen: 44.904 ng
RT: 18.159 min Scan# 2490
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

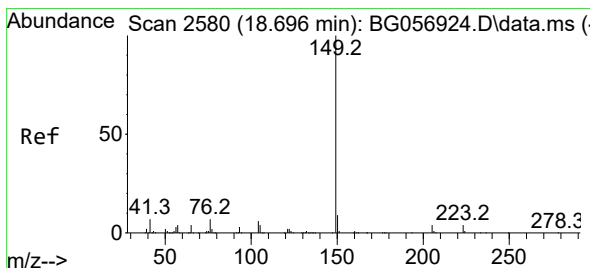
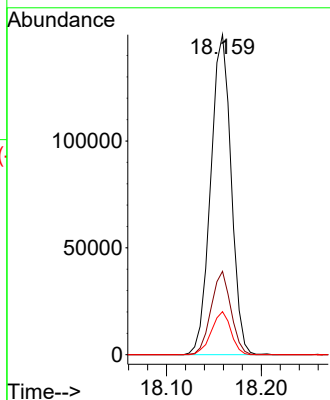
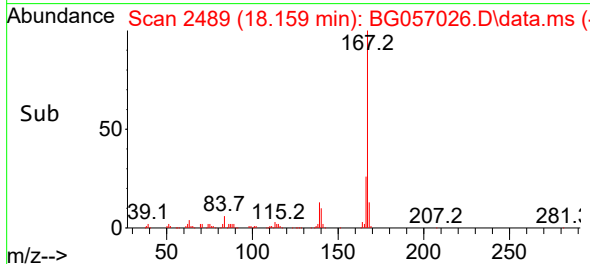
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



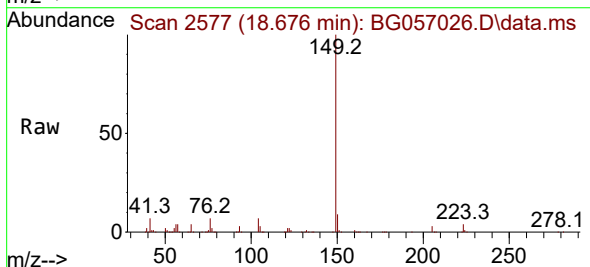
Tgt Ion:167 Resp: 224404
Ion Ratio Lower Upper
167 100
166 26.1 17.9 26.9
139 13.4 9.5 14.3

Manual Integrations
APPROVED

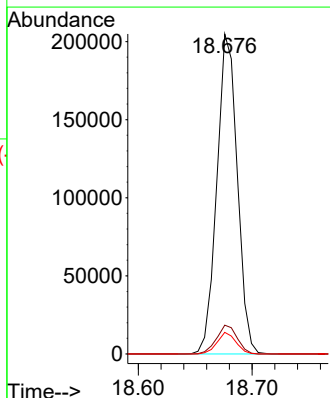
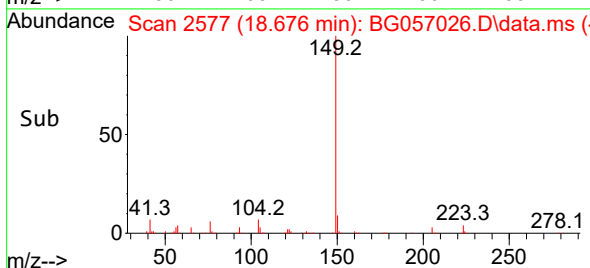
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

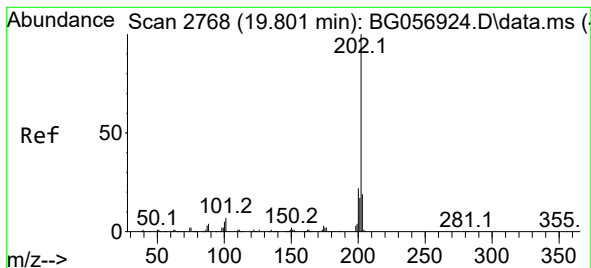


#74
Di-n-butylphthalate
Concen: 44.200 ng
RT: 18.676 min Scan# 2577
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36



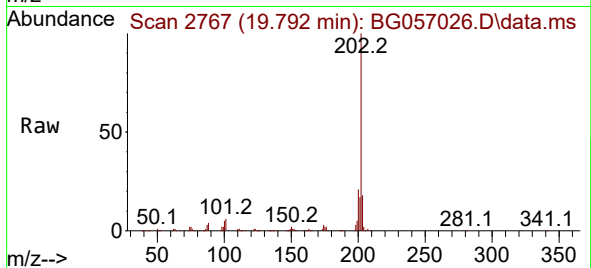
Tgt Ion:149 Resp: 255785
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 6.8 4.9 7.3





#75
Fluoranthene
Concen: 42.208 ng
RT: 19.792 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

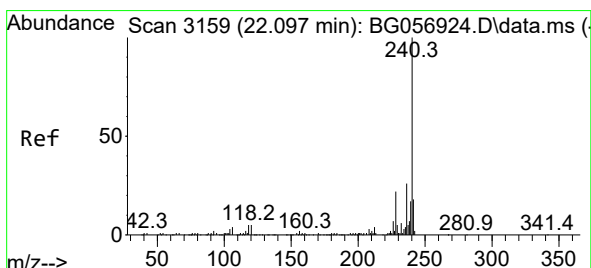
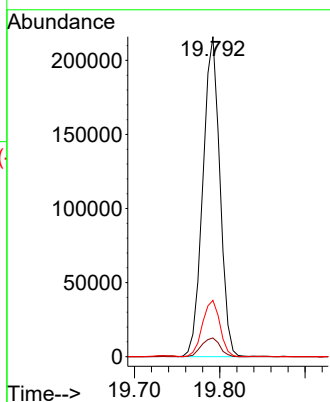
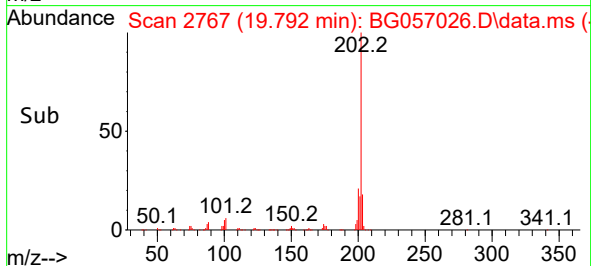
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



Tgt Ion:202 Resp: 299168
Ion Ratio Lower Upper
202 100
101 5.8 0.0 26.7
203 17.6 0.0 39.0

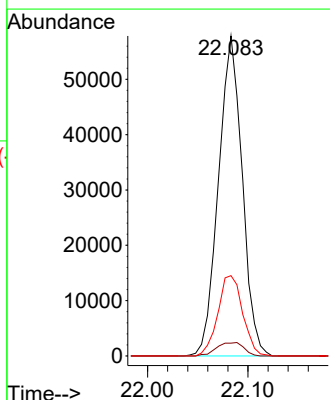
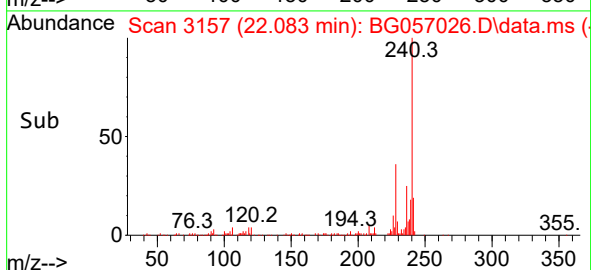
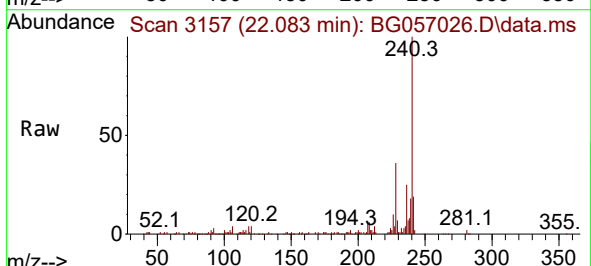
Manual Integrations
APPROVED

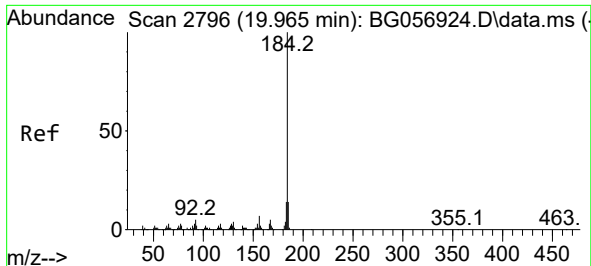
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.083 min Scan# 3157
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

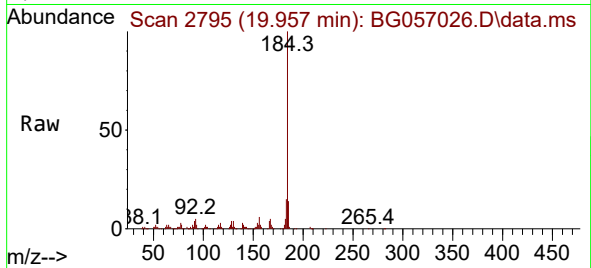
Tgt Ion:240 Resp: 95001
Ion Ratio Lower Upper
240 100
120 4.0 3.8 5.6
236 25.1 21.0 31.6





#77
Benzidine
Concen: 66.505 ng
RT: 19.957 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

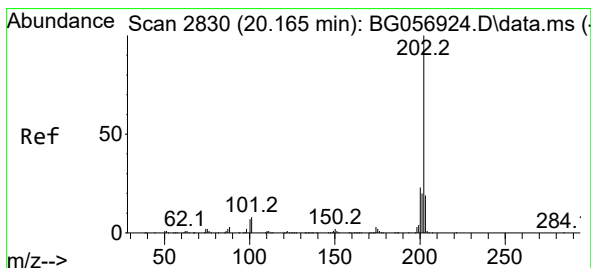
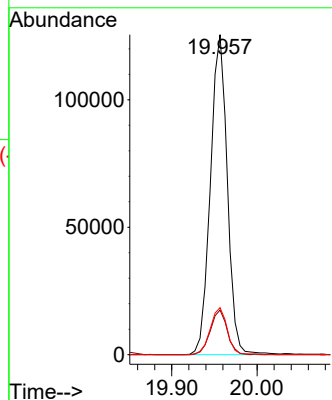
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



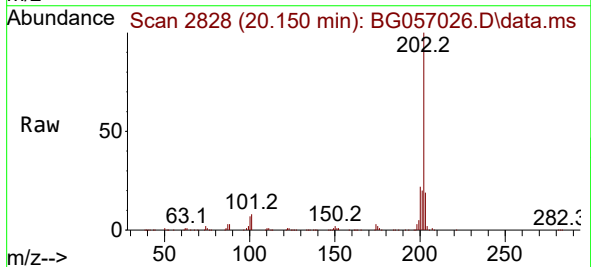
Tgt Ion:184 Resp: 172692
Ion Ratio Lower Upper
184 100
185 13.9 11.0 16.4
183 14.7 11.4 17.0

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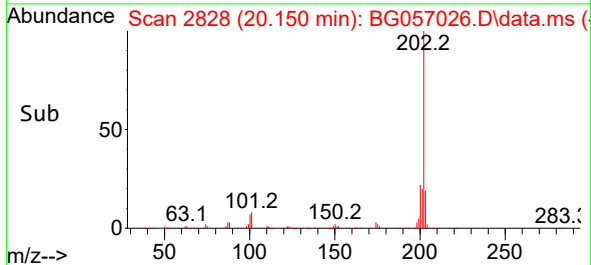
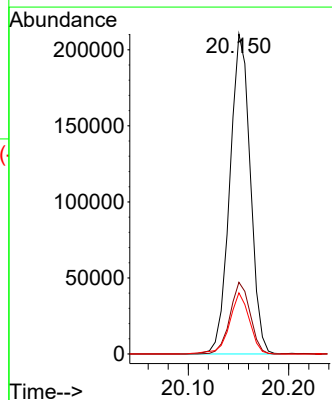
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#78
Pyrene
Concen: 45.285 ng
RT: 20.150 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36



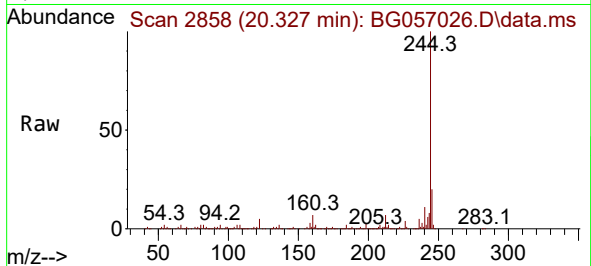
Tgt Ion:202 Resp: 297559
Ion Ratio Lower Upper
202 100
200 22.4 18.7 28.1
203 19.1 15.4 23.2





#79
 Terphenyl-d14
 Concen: 66.722 ng
 RT: 20.327 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG057026.D
 Acq: 7 Apr 2023 14:36

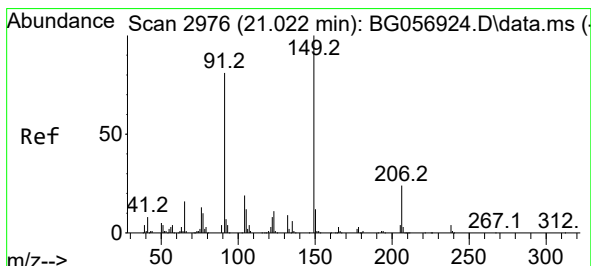
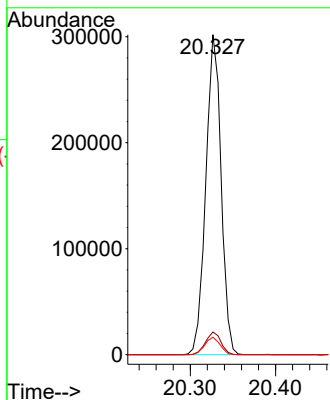
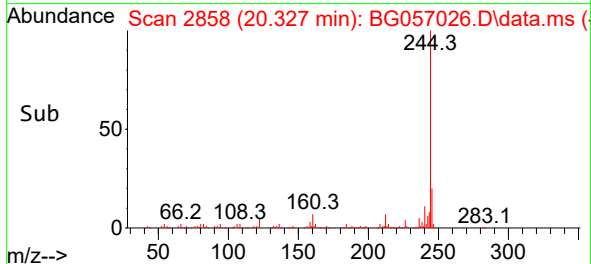
Instrument :
 BNA_G
 ClientSampleId :
 E-H4(ELEV-24)MS



Tgt Ion:244 Resp: 374588
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 5.5 5.0 7.4

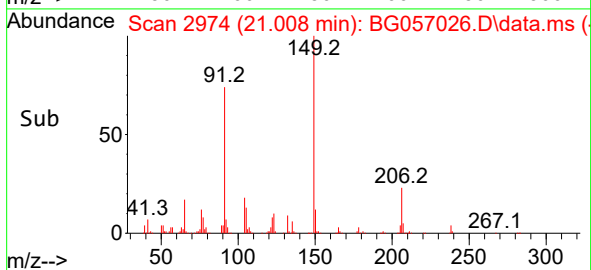
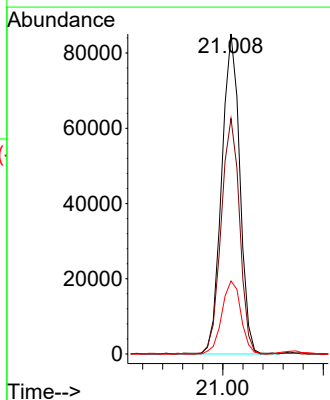
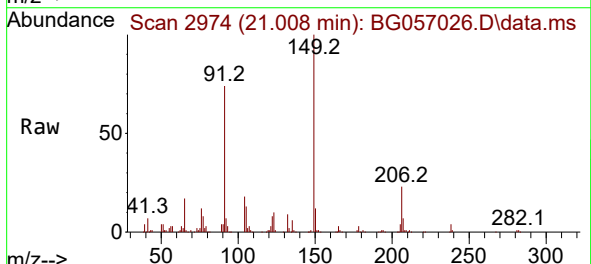
Manual Integrations
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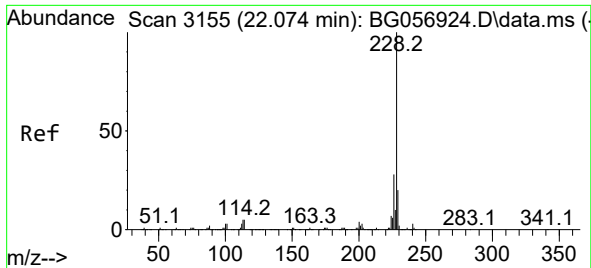
Reviewed By :Christian Giraldo 04/10/2023
 Supervised By :Jagrut Upadhyay 04/10/2023



#80
 Butylbenzylphthalate
 Concen: 47.060 ng
 RT: 21.008 min Scan# 2974
 Delta R.T. -0.000 min
 Lab File: BG057026.D
 Acq: 7 Apr 2023 14:36

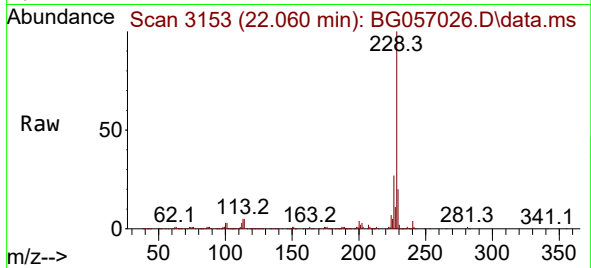
Tgt Ion:149 Resp: 106409
 Ion Ratio Lower Upper
 149 100
 91 73.6 64.4 96.6
 206 22.8 18.9 28.3





#81
Benzo(a)anthracene
Concen: 44.493 ng
RT: 22.060 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

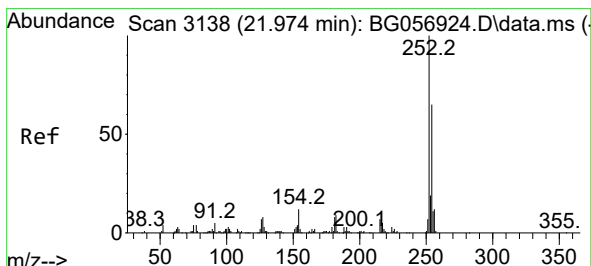
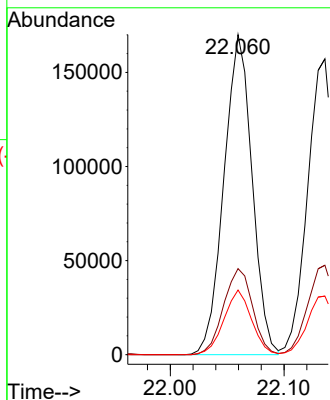
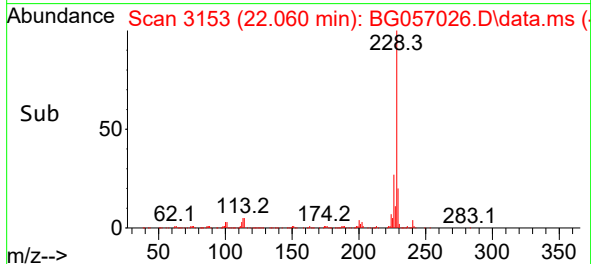
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



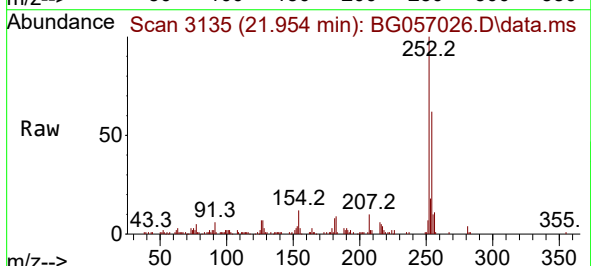
Tgt Ion:228 Resp: 29250
Ion Ratio Lower Upper
228 100
226 26.9 22.1 33.1
229 20.2 16.1 24.1

Manual Integrations
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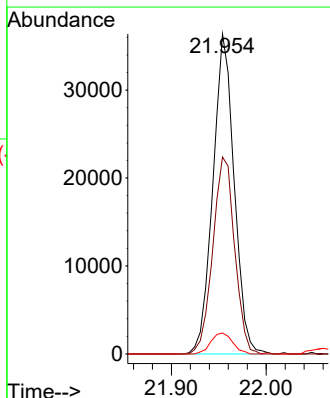
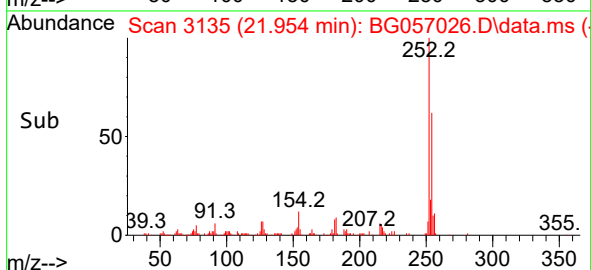
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

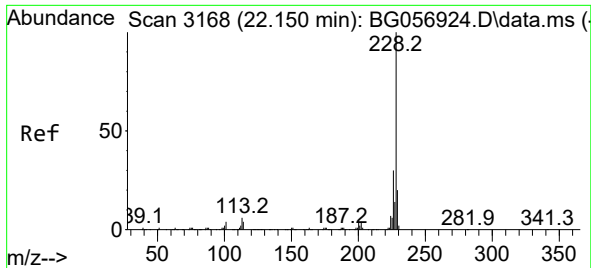


#82
3,3'-Dichlorobenzidine
Concen: 25.523 ng
RT: 21.954 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36



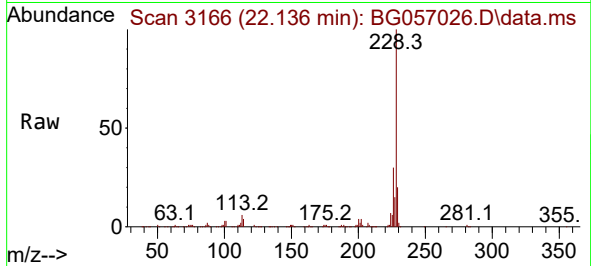
Tgt Ion:252 Resp: 56658
Ion Ratio Lower Upper
252 100
254 61.5 51.7 77.5
126 6.5 5.6 8.4





#83
Chrysene
Concen: 43.890 ng
RT: 22.136 min Scan# 3168
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

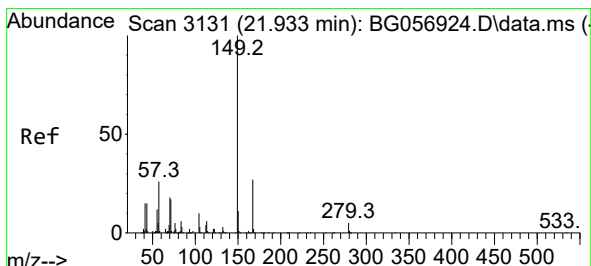
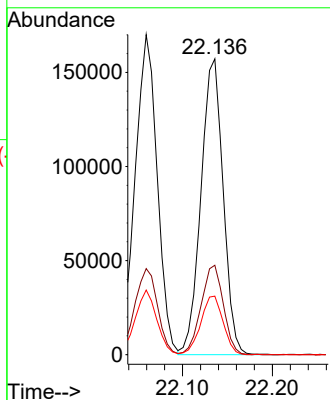
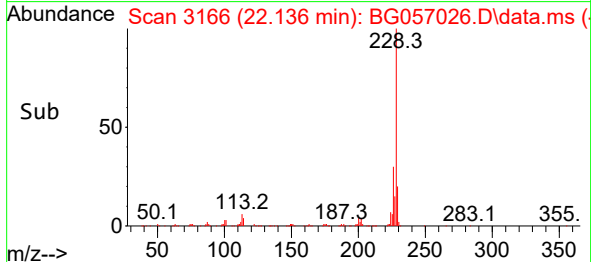
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



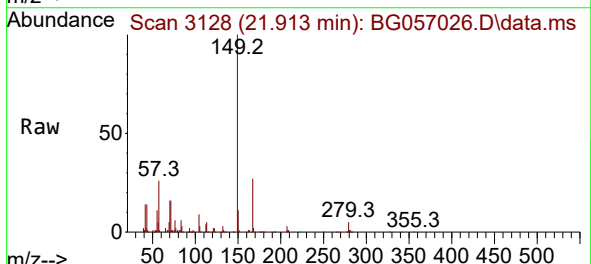
Tgt Ion:228 Resp: 27016
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 19.8 15.6 23.4

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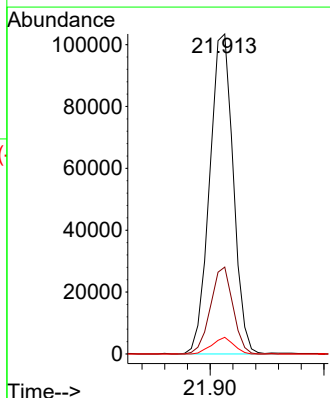
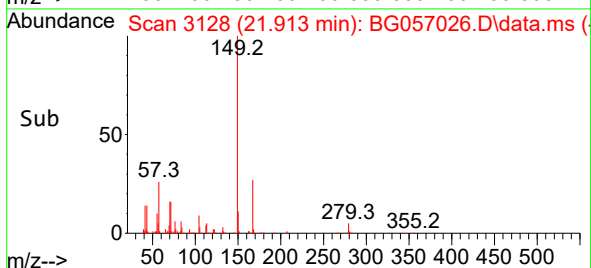
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

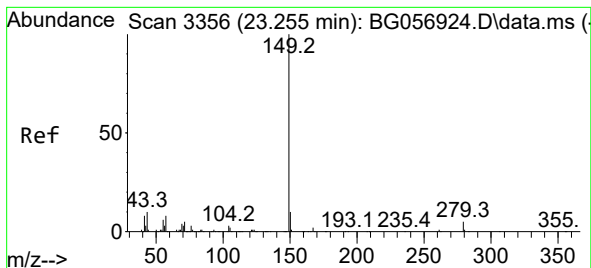


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.540 ng
RT: 21.913 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36



Tgt Ion:149 Resp: 149105
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.2
279 5.2 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 45.945 ng

RT: 23.223 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

Instrument :

BNA_G

ClientSampleId :

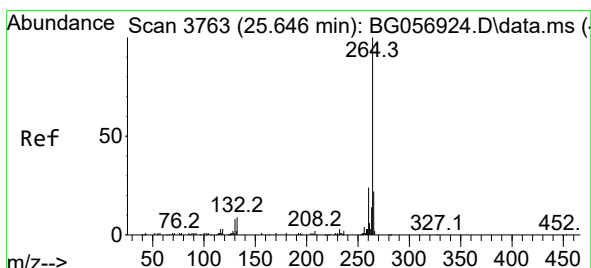
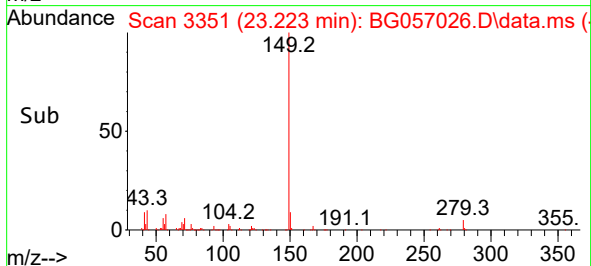
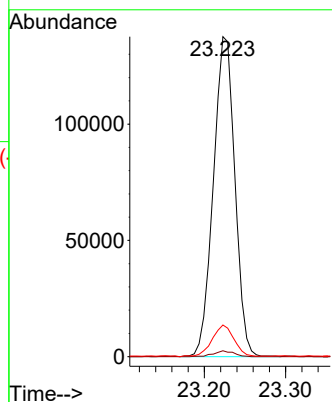
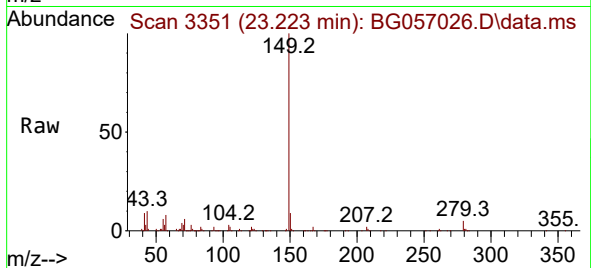
E-H4(ELEV-24)MS

Tgt Ion:149 Resp: 25350
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 10.2 7.9 11.9

Manual Integrations

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Reviewed By :Christian Giraldo 04/10/2023
 Supervised By :Jagrut Upadhyay 04/10/2023



#86

Perylene-d12

Concen: 20.000 ng

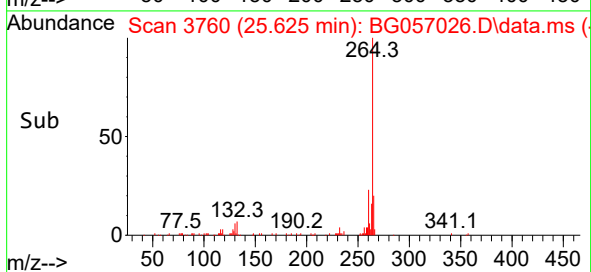
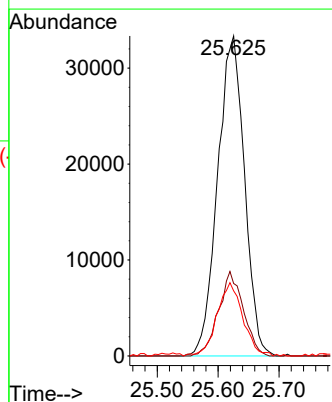
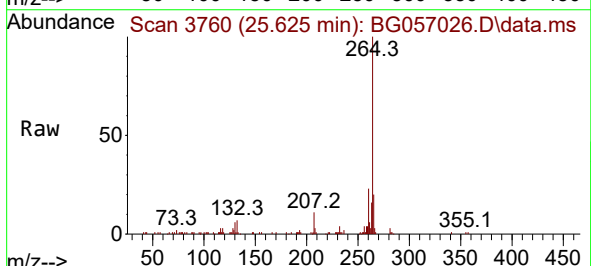
RT: 25.625 min Scan# 3760

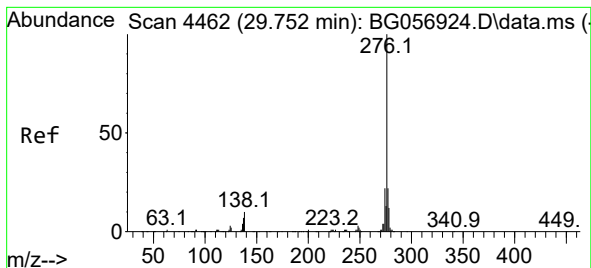
Delta R.T. -0.006 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

Tgt Ion:264 Resp: 101954
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.4
 265 20.4 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.397 ng

RT: 29.714 min Scan# 4462

Delta R.T. -0.012 min

Lab File: BG057026.D

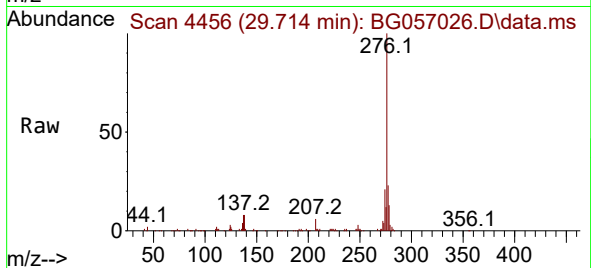
Acq: 7 Apr 2023 14:36

Instrument :

BNA_G

ClientSampleId :

E-H4(ELEV-24)MS



Tgt Ion:276 Resp: 342064

Ion Ratio Lower Upper

276 100

138 11.7 7.7 11.5

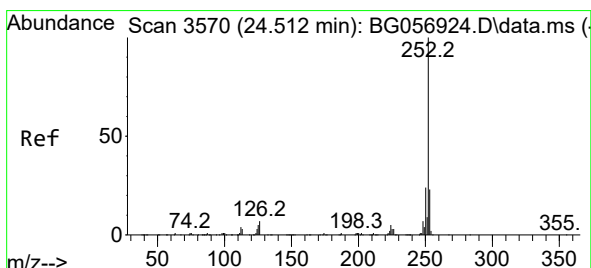
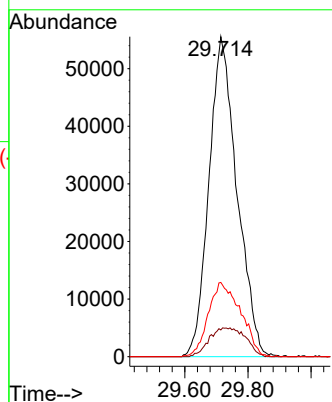
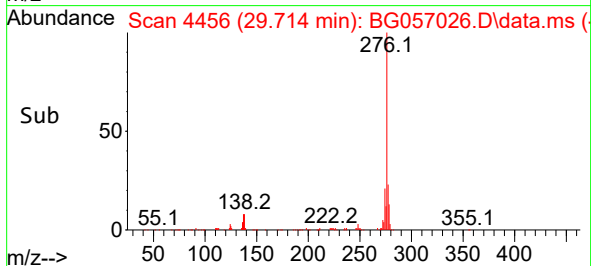
277 26.7 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/10/2023

Supervised By :Jagrut Upadhyay 04/10/2023



#88

Benzo(b)fluoranthene

Concen: 46.852 ng

RT: 24.492 min Scan# 3567

Delta R.T. -0.000 min

Lab File: BG057026.D

Acq: 7 Apr 2023 14:36

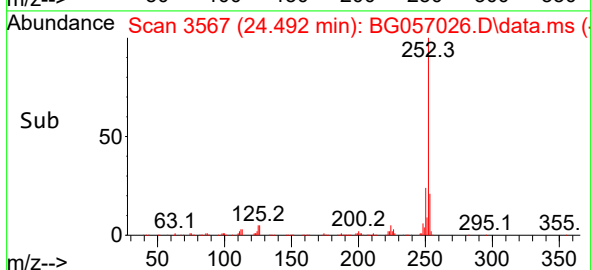
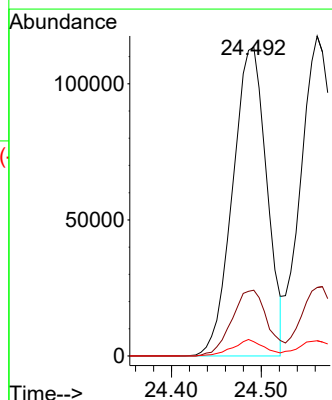
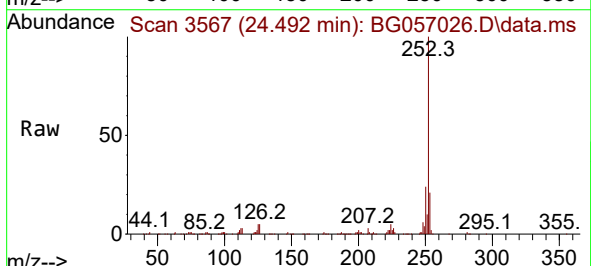
Tgt Ion:252 Resp: 298702

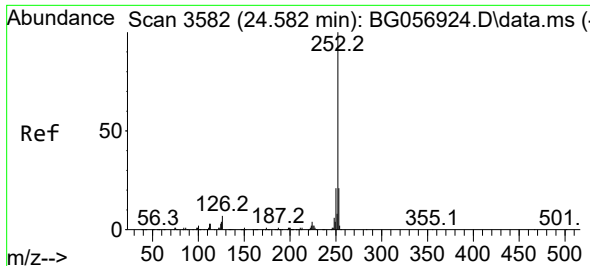
Ion Ratio Lower Upper

252 100

253 21.3 18.1 27.1

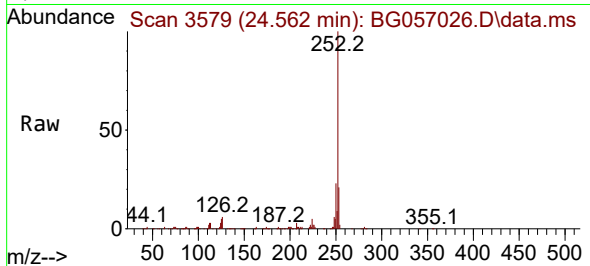
125 4.6 4.2 6.4





#89
Benzo(k)fluoranthene
Concen: 47.433 ng
RT: 24.562 min Scan# 30190
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

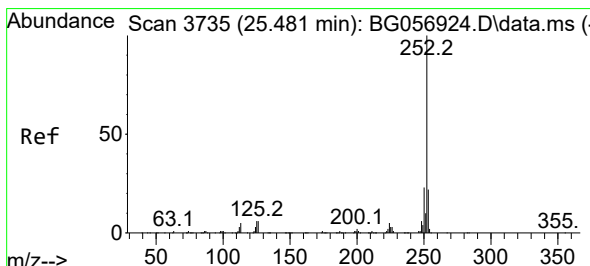
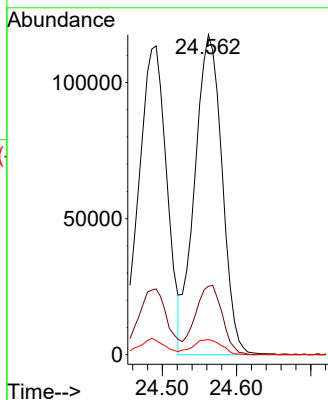
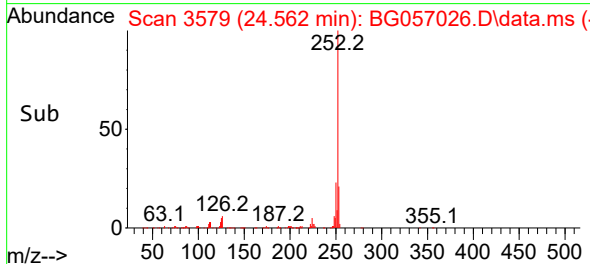
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MS



Tgt Ion:252 Resp: 30190
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 4.8 3.8 5.6

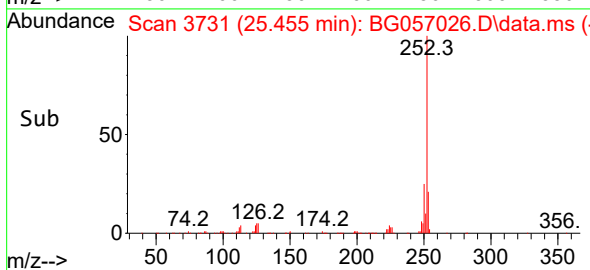
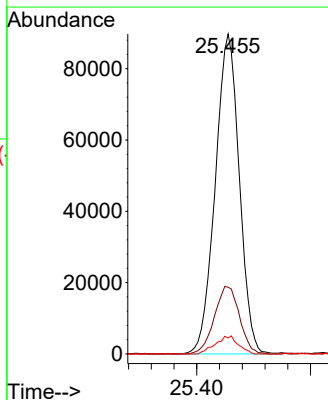
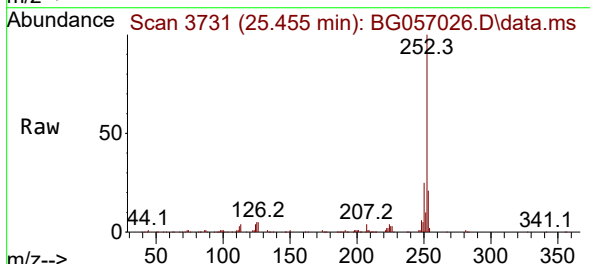
Manual Integrations
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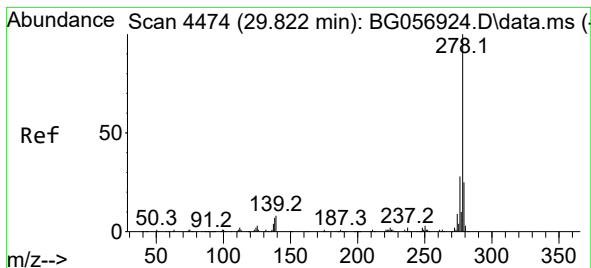
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#90
Benzo(a)pyrene
Concen: 42.006 ng
RT: 25.455 min Scan# 3731
Delta R.T. -0.006 min
Lab File: BG057026.D
Acq: 7 Apr 2023 14:36

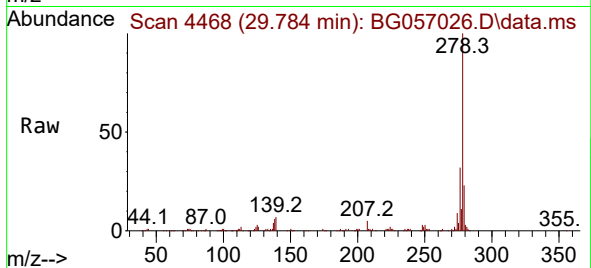
Tgt Ion:252 Resp: 263166
Ion Ratio Lower Upper
252 100
253 20.9 17.6 26.4
125 5.0 4.5 6.7





#91
 Dibenzo(a,h)anthracene
 Concen: 47.040 ng
 RT: 29.784 min Scan# 4474
 Delta R.T. -0.000 min
 Lab File: BG057026.D
 Acq: 7 Apr 2023 14:36

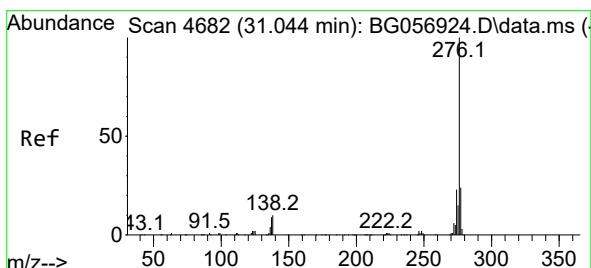
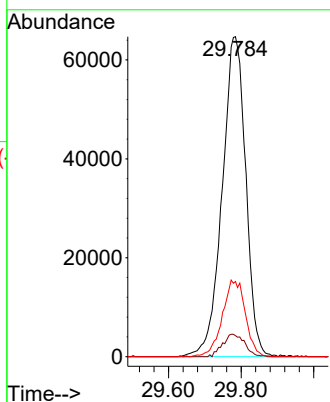
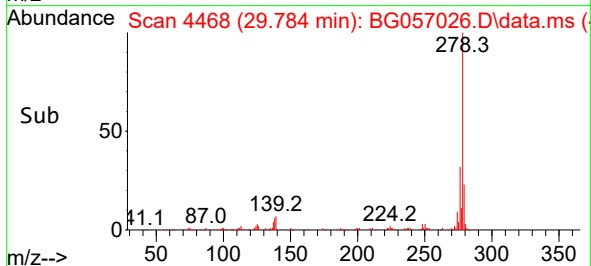
Instrument :
 BNA_G
 ClientSampleId :
 E-H4(ELEV-24)MS



Tgt Ion:278 Resp: 291344
 Ion Ratio Lower Upper
 278 100
 139 6.5 6.4 9.6
 279 23.5 20.2 30.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/10/2023
 Supervised By :Jagrut Upadhyay 04/10/2023



#92
 Benzo(g,h,i)perylene
 Concen: 45.312 ng
 RT: 31.006 min Scan# 4676
 Delta R.T. -0.012 min
 Lab File: BG057026.D
 Acq: 7 Apr 2023 14:36

Tgt Ion:276 Resp: 274804
 Ion Ratio Lower Upper
 276 100
 277 22.8 19.1 28.7
 138 10.4 8.2 12.2

