

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040723\
 Data File : BG057027.D
 Acq On : 7 Apr 2023 15:17
 Operator : CG/JU
 Sample : 02222-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Apr 08 04:50:22 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	8.408	152	14831	20.000	ng	0.00
21) Naphthalene-d8	11.251	136	58852	20.000	ng	0.00
39) Acenaphthene-d10	15.022	164	46135	20.000	ng	0.00
64) Phenanthrene-d10	17.760	188	110496	20.000	ng	0.00
76) Chrysene-d12	22.083	240	96904	20.000	ng	0.00
86) Perylene-d12	25.620	264	101640	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	97220	104.912	ng	0.00
7) Phenol-d6	7.544	99	143803	103.757	ng	0.00
23) Nitrobenzene-d5	9.582	82	92406	64.246	ng	0.00
42) 2,4,6-Tribromophenol	16.502	330	76963	104.424	ng	0.00
45) 2-Fluorobiphenyl	13.647	172	212553	62.474	ng	0.00
79) Terphenyl-d14	20.327	244	384054	67.064	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.720	88	16380	40.322	ng	96
3) Pyridine	4.143	79	44534m	34.037	ng	
4) n-Nitrosodimethylamine	4.049	42	24472	40.681	ng	96
6) Aniline	7.714	93	61036	34.448	ng	99
8) 2-Chlorophenol	7.967	128	46308	50.170	ng	94
9) Benzaldehyde	7.526	77	32218	37.062	ng	93
10) Phenol	7.567	94	68270	49.712	ng	96
11) bis(2-Chloroethyl)ether	7.802	93	42553	43.500	ng	94
12) 1,3-Dichlorobenzene	8.296	146	49253	48.292	ng	96
13) 1,4-Dichlorobenzene	8.443	146	50752	49.305	ng	97
14) 1,2-Dichlorobenzene	8.772	146	48631	48.901	ng	96
15) Benzyl Alcohol	8.637	79	52812	45.859	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.930	45	50703m	43.007	ng	
17) 2-Methylphenol	8.842	107	47068	48.040	ng	89
18) Hexachloroethane	9.512	117	17471	46.437	ng	# 79
19) n-Nitroso-di-n-propyla...	9.212	70	40672	41.027	ng	# 98
20) 3+4-Methylphenols	9.171	107	63709	46.501	ng	90
22) Acetophenone	9.236	105	77629	44.329	ng	# 97
24) Nitrobenzene	9.629	77	63013	42.851	ng	94
25) Isophorone	10.146	82	112458	41.059	ng	100
26) 2-Nitrophenol	10.346	139	27655	48.723	ng	98
27) 2,4-Dimethylphenol	10.387	122	48339	48.235	ng	98
28) bis(2-Chloroethoxy)met...	10.622	93	60613	44.204	ng	96
29) 2,4-Dichlorophenol	10.887	162	50578	46.929	ng	93
30) 1,2,4-Trichlorobenzene	11.104	180	53217	46.471	ng	95
31) Naphthalene	11.298	128	144701	45.109	ng	97
32) Benzoic acid	10.522	122	30039	43.637	ng	96
33) 4-Chloroaniline	11.398	127	41504	28.647	ng	# 92
34) Hexachlorobutadiene	11.574	225	39205	45.576	ng	96
35) Caprolactam	12.161	113	15779m	42.453	ng	
36) 4-Chloro-3-methylphenol	12.490	107	55507	46.053	ng	97
37) 2-Methylnaphthalene	12.872	142	106937	42.003	ng	98
38) 1-Methylnaphthalene	13.089	142	99539	41.637	ng	98
40) 1,2,4,5-Tetrachloroben...	13.236	216	74699	46.692	ng	97
41) Hexachlorocyclopentadiene	13.207	237	99158	112.492	ng	98
43) 2,4,6-Trichlorophenol	13.465	196	47802	46.823	ng	99

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 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	13.542	196	53695	44.397	ng	96
46) 1,1'-Biphenyl	13.859	154	156643	46.382	ng	97
47) 2-Chloronaphthalene	13.912	162	118831	47.575	ng	98
48) 2-Nitroaniline	14.100	65	40207	45.018	ng	98
49) Acenaphthylene	14.752	152	186999	45.566	ng	99
50) Dimethylphthalate	14.458	163	162161	44.610	ng	97
51) 2,6-Dinitrotoluene	14.587	165	35525	45.232	ng	93
52) Acenaphthene	15.087	154	146381m	51.718	ng	
53) 3-Nitroaniline	14.916	138	23386	30.082	ng	97
54) 2,4-Dinitrophenol	15.122	184	50691	114.666	ng	97
55) Dibenzofuran	15.416	168	189068	44.507	ng	96
56) 4-Nitrophenol	15.216	139	57028	99.203	ng	# 87
57) 2,4-Dinitrotoluene	15.369	165	50614	45.692	ng	96
58) Fluorene	16.062	166	156524	44.528	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.639	232	51257	46.547	ng	# 98
60) Diethylphthalate	15.803	149	161044	44.192	ng	98
61) 4-Chlorophenyl-phenyle...	16.038	204	91354	44.263	ng	97
62) 4-Nitroaniline	16.074	138	35938	44.619	ng	89
63) Azobenzene	16.332	77	175902	48.435	ng	98
65) 4,6-Dinitro-2-methylph...	16.132	198	35353	52.828	ng	92
66) n-Nitrosodiphenylamine	16.256	169	133675	45.066	ng	99
67) 4-Bromophenyl-phenylether	16.937	248	60373	44.159	ng	95
68) Hexachlorobenzene	17.066	284	66969	49.545	ng	100
69) Atrazine	17.184	200	59765	48.539	ng	97
70) Pentachlorophenol	17.407	266	80767	83.290	ng	92
71) Phenanthrene	17.807	178	257520	45.711	ng	98
72) Anthracene	17.895	178	262976	45.535	ng	99
73) Carbazole	18.159	167	231618	46.000	ng	97
74) Di-n-butylphthalate	18.676	149	263092	45.122	ng	99
75) Fluoranthene	19.792	202	305257	42.744	ng	97
77) Benzidine	19.957	184	173384	65.460	ng	98
78) Pyrene	20.150	202	302221	45.092	ng	98
80) Butylbenzylphthalate	21.008	149	107741	46.714	ng	93
81) Benzo(a)anthracene	22.060	228	296720	44.249	ng	100
82) 3,3'-Dichlorobenzidine	21.954	252	60839	26.868	ng	99
83) Chrysene	22.130	228	273770	43.603	ng	99
84) Bis(2-ethylhexyl)phtha...	21.913	149	151608	45.395	ng	96
85) Di-n-octyl phthalate	23.223	149	255708	45.434	ng	100
87) Indeno(1,2,3-cd)pyrene	29.720	276	348795	46.434	ng	# 97
88) Benzo(b)fluoranthene	24.492	252	309550	48.703	ng	98
89) Benzo(k)fluoranthene	24.562	252	293849	46.310	ng	100
90) Benzo(a)pyrene	25.455	252	268199	42.942	ng	# 99
91) Dibenzo(a,h)anthracene	29.784	278	289811	46.937	ng	98
92) Benzo(g,h,i)perylene	31.012	276	277544	45.905	ng	98

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

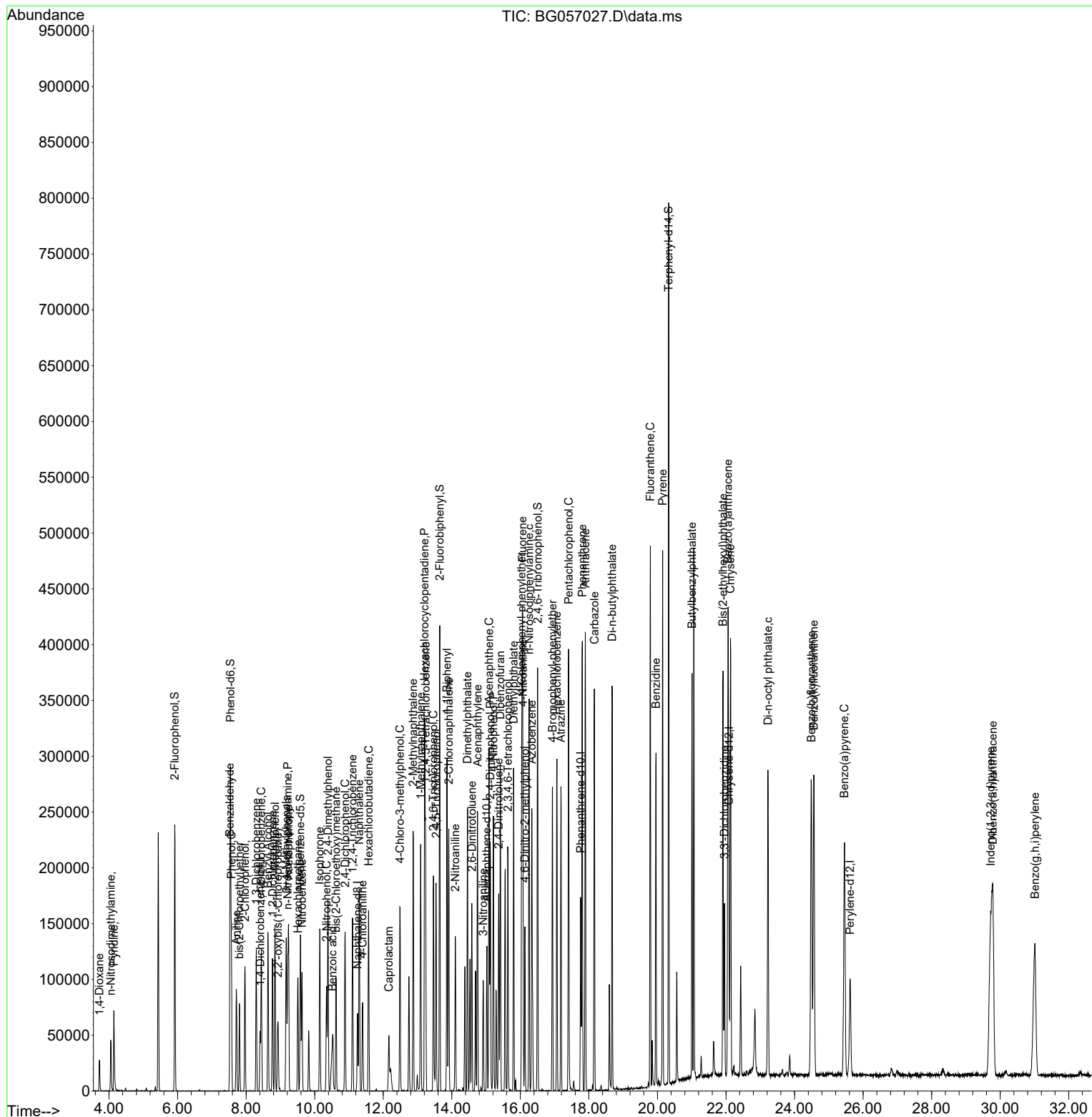
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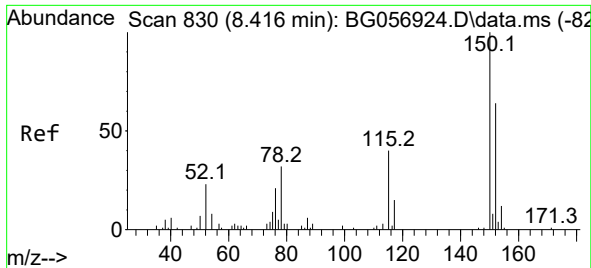
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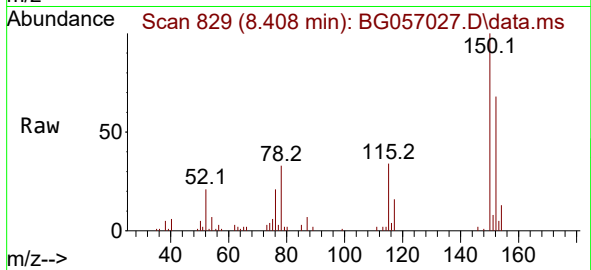
Reviewed By : Christian Giraldo 04/10/2023
Supervised By : Jagrut Upadhyay 04/10/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.408 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BG057027.D
 Acq: 7 Apr 2023 15:17

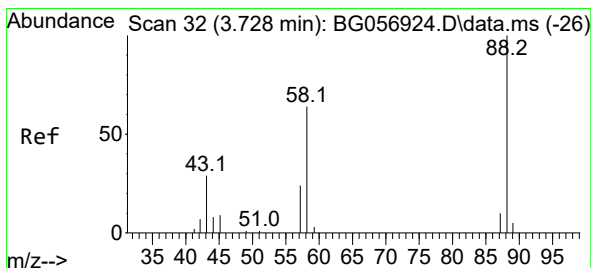
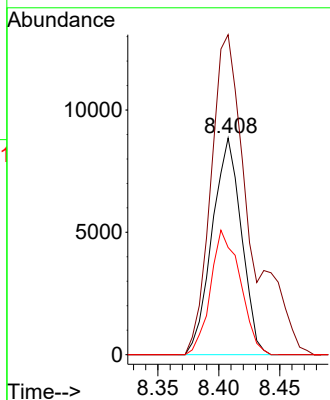
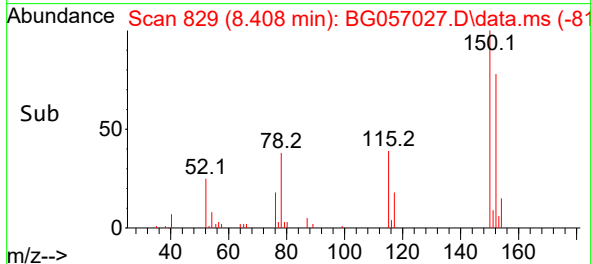
Instrument :
 BNA_G
 ClientSampleId :
 E-H4(ELEV-24)MSD



Tgt Ion:152 Resp: 1483
 Ion Ratio Lower Upper
 152 100
 150 147.7 124.1 186.1
 115 49.5 49.1 73.7

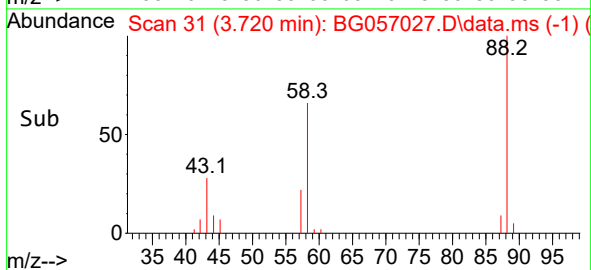
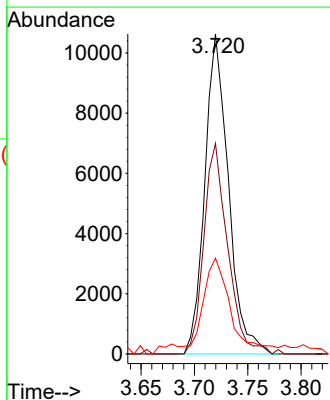
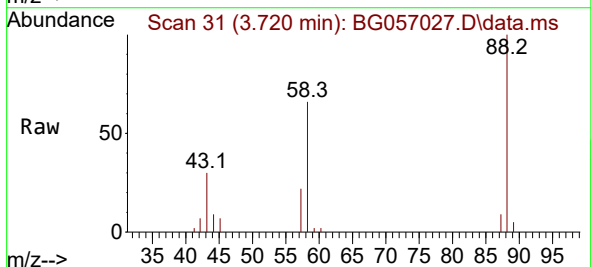
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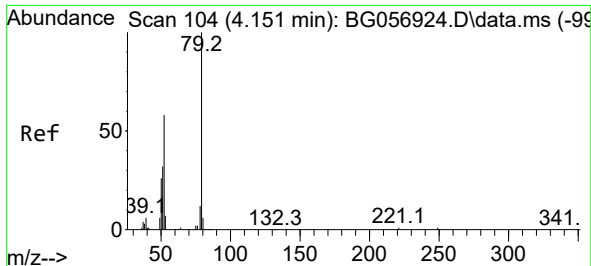
Reviewed By :Christian Giraldo 04/10/2023
 Supervised By :Jagrut Upadhyay 04/10/2023



#2
 1,4-Dioxane
 Concen: 40.322 ng
 RT: 3.720 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BG057027.D
 Acq: 7 Apr 2023 15:17

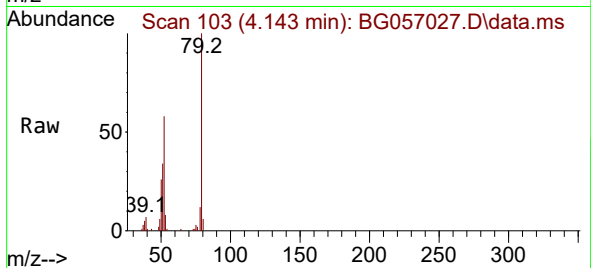
Tgt Ion: 88 Resp: 16380
 Ion Ratio Lower Upper
 88 100
 58 66.5 55.9 83.9
 43 30.1 25.7 38.5





#3
Pyridine
Concen: 34.037 ng m
RT: 4.143 min Scan# 104
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

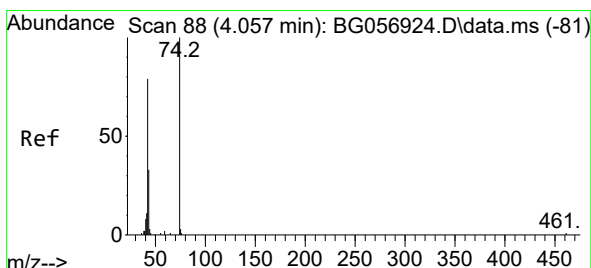
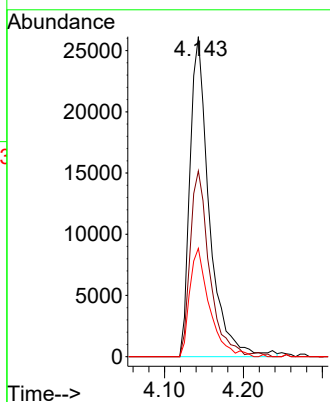
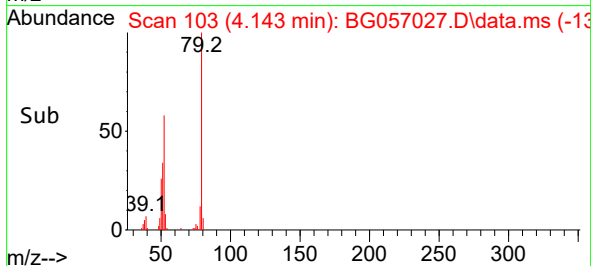
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E-H4(ELEV-24)MSD



Tgt Ion: 79 Resp: 44534
Ion Ratio Lower Upper
79 100
52 58.1 46.1 69.1
51 33.8 26.1 39.1

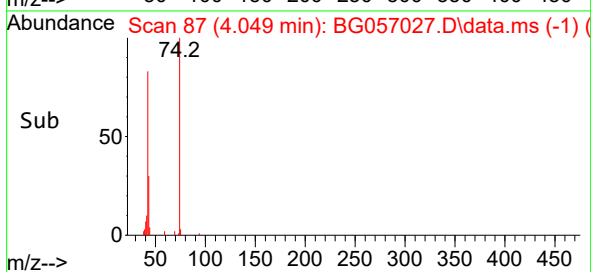
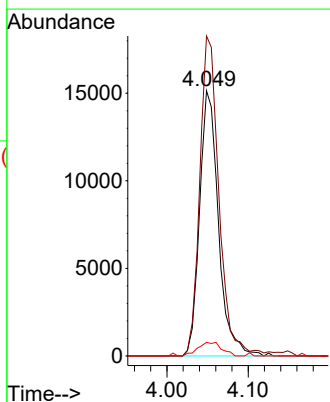
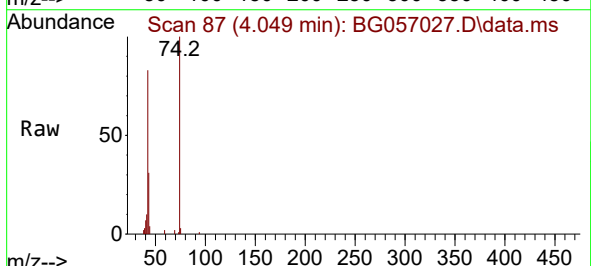
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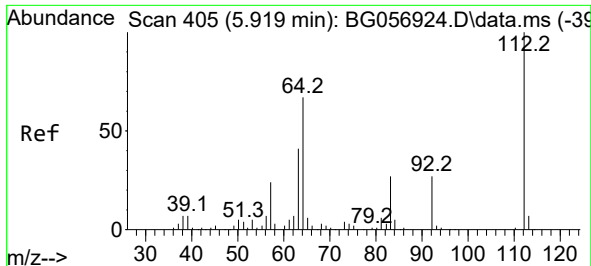
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#4
n-Nitrosodimethylamine
Concen: 40.681 ng
RT: 4.049 min Scan# 87
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

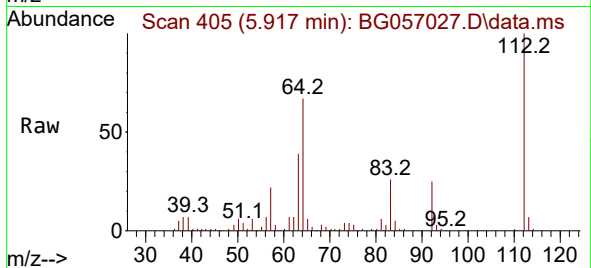
Tgt Ion: 42 Resp: 24472
Ion Ratio Lower Upper
42 100
74 120.6 100.6 151.0
44 5.2 4.6 7.0





#5
2-Fluorophenol
Concen: 104.912 ng
RT: 5.917 min Scan# 405
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

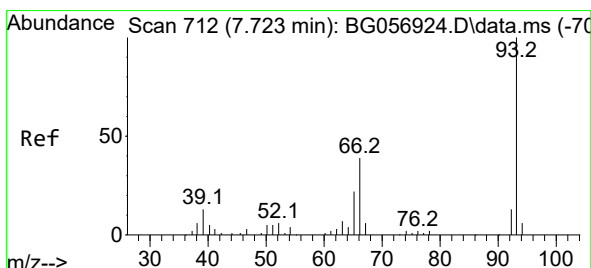
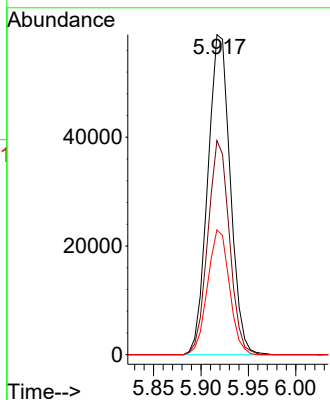
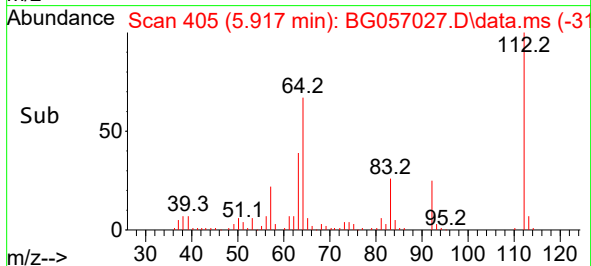
Instrument :
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ClientSampleId :
E-H4(ELEV-24)MSD



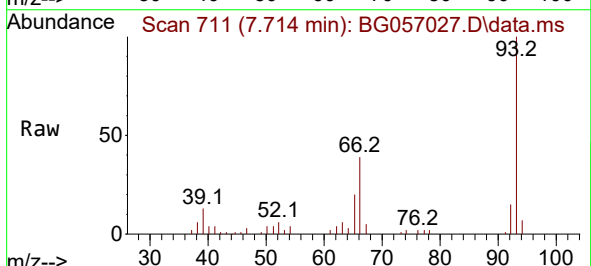
Tgt Ion:112 Resp: 97220
Ion Ratio Lower Upper
112 100
64 66.9 53.2 79.8
63 39.0 32.6 48.8

Manual Integrations
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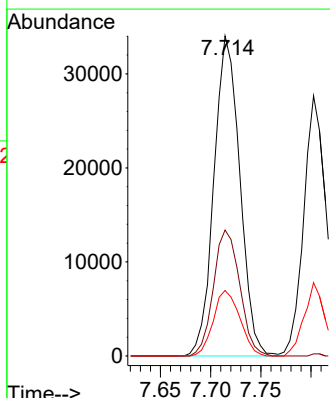
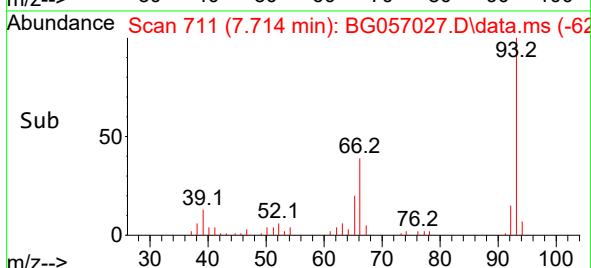
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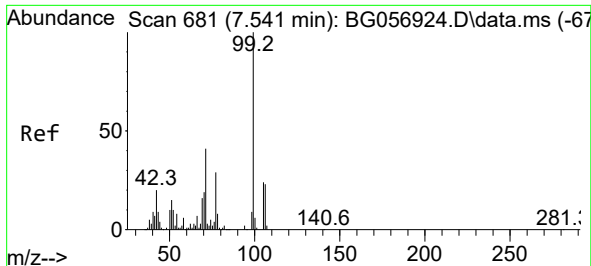


#6
Aniline
Concen: 34.448 ng
RT: 7.714 min Scan# 711
Delta R.T. -0.006 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17



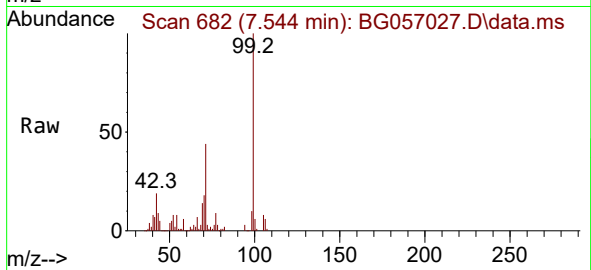
Tgt Ion: 93 Resp: 61036
Ion Ratio Lower Upper
93 100
66 39.3 31.4 47.0
65 20.4 17.3 25.9





#7
Phenol-d6
Concen: 103.757 ng
RT: 7.544 min Scan# 681
Delta R.T. 0.006 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

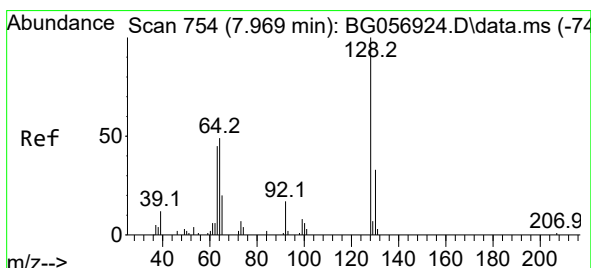
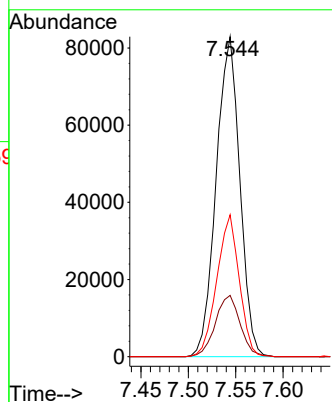
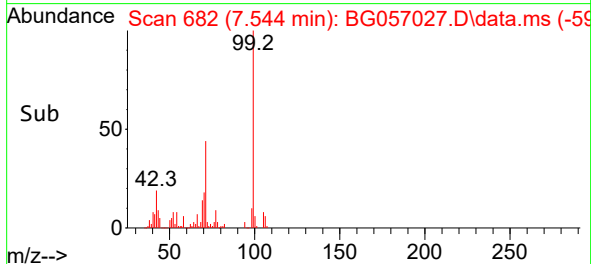
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Tgt Ion: 99 Resp: 14380
Ion Ratio Lower Upper
99 100
42 19.1 15.7 23.5
71 44.3 32.5 48.7

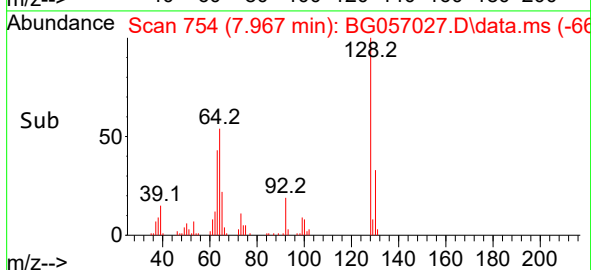
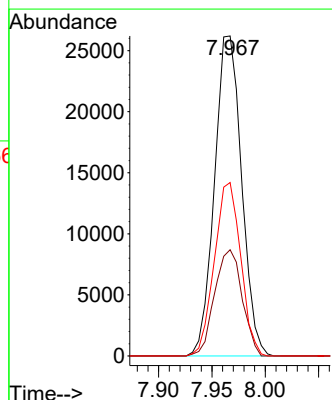
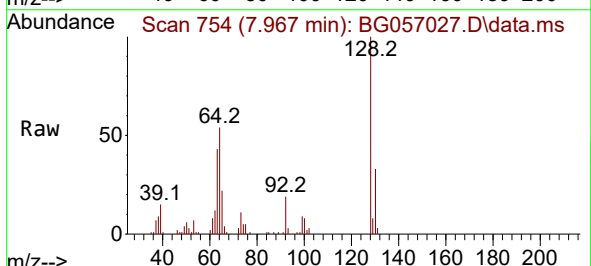
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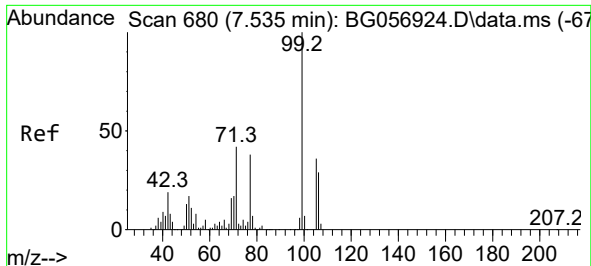
Reviewed By :Christian Giraldo 04/10/2023
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#8
2-Chlorophenol
Concen: 50.170 ng
RT: 7.967 min Scan# 754
Delta R.T. -0.000 min
Lab File: BG057027.D
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Tgt Ion:128 Resp: 46308
Ion Ratio Lower Upper
128 100
130 33.2 12.6 52.6
64 54.2 40.6 80.6





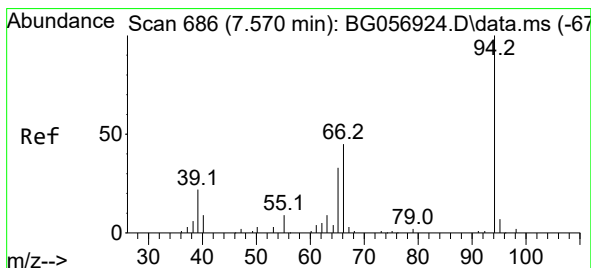
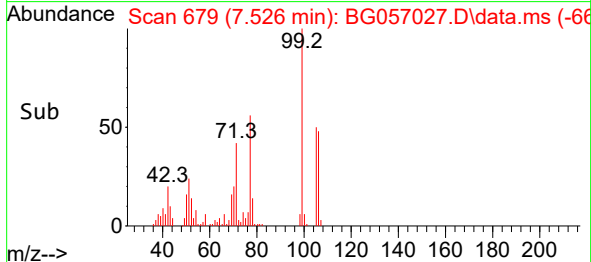
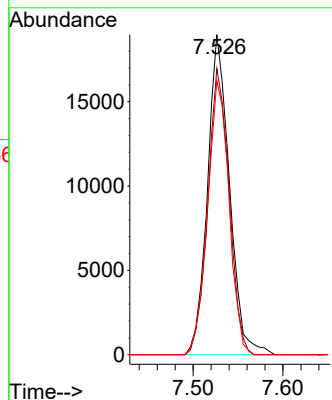
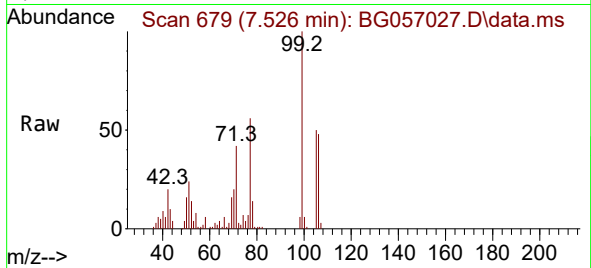
#9
Benzaldehyde
Concen: 37.062 ng
RT: 7.526 min Scan# 61
Delta R.T. -0.000 min
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Tgt Ion: 77 Resp: 32218
Ion Ratio Lower Upper
77 100
105 89.4 73.6 113.6
106 85.6 56.7 96.7

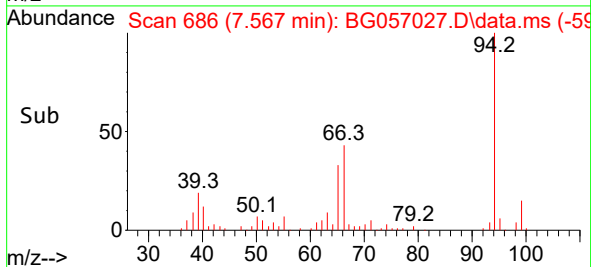
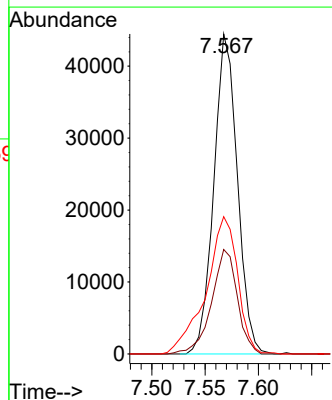
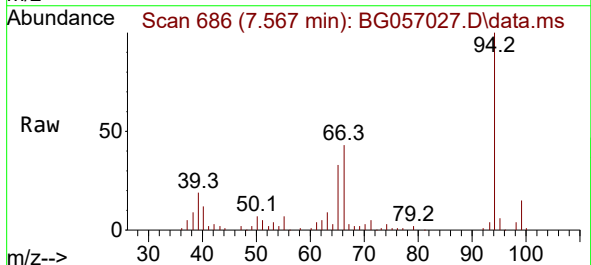
Manual Integrations
APPROVED

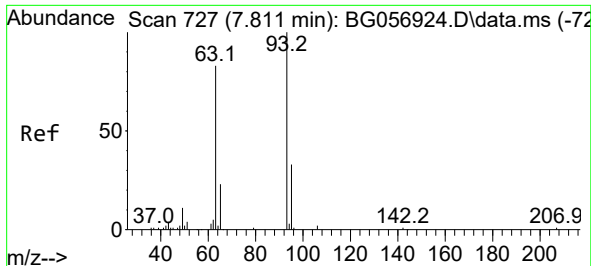
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#10
Phenol
Concen: 49.712 ng
RT: 7.567 min Scan# 686
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

Tgt Ion: 94 Resp: 68270
Ion Ratio Lower Upper
94 100
65 32.6 13.3 53.3
66 42.9 26.7 66.7





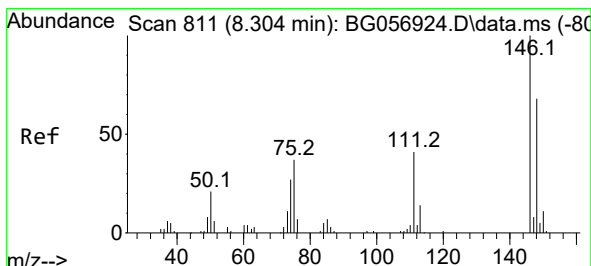
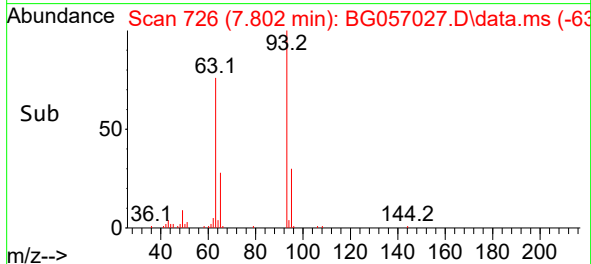
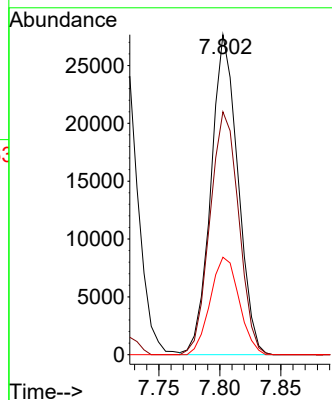
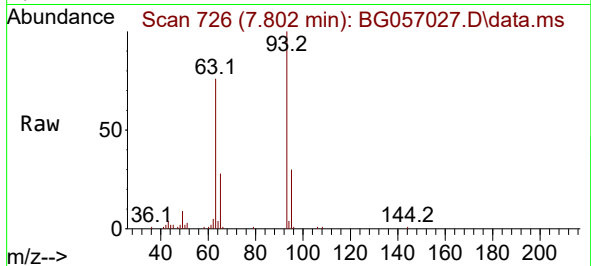
#11
bis(2-Chloroethyl)ether
Concen: 43.500 ng
RT: 7.802 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

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

Tgt Ion: 93 Resp: 4255
Ion Ratio Lower Upper
93 100
63 75.9 62.7 102.7
95 30.5 12.3 52.3

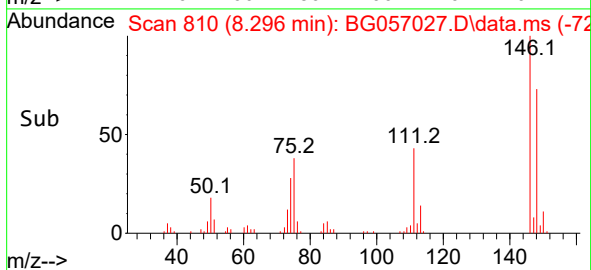
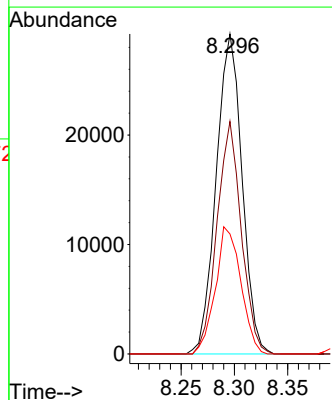
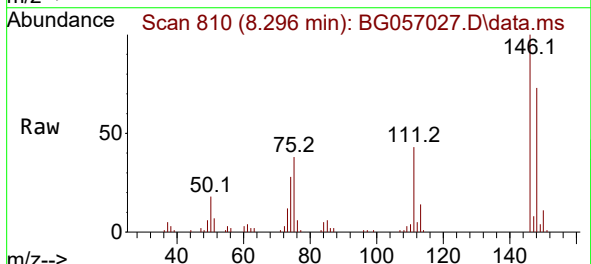
Manual Integrations
APPROVED

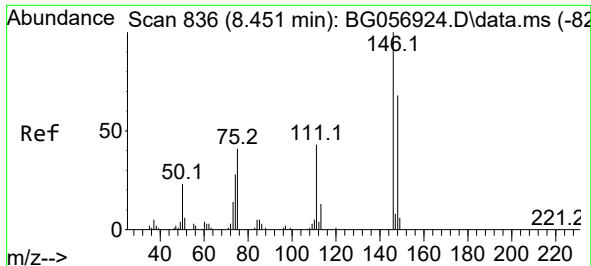
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#12
1,3-Dichlorobenzene
Concen: 48.292 ng
RT: 8.296 min Scan# 810
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

Tgt Ion:146 Resp: 49253
Ion Ratio Lower Upper
146 100
148 72.7 54.2 81.4
75 37.5 29.8 44.8





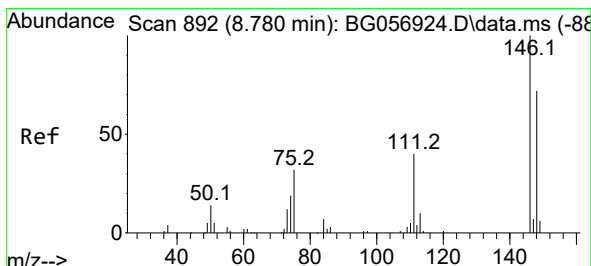
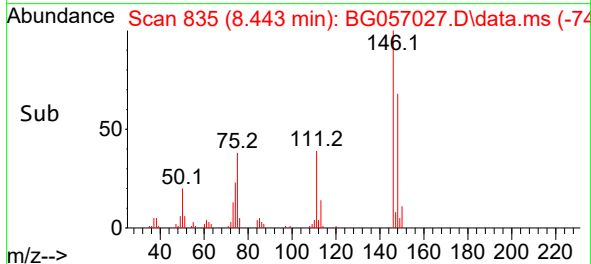
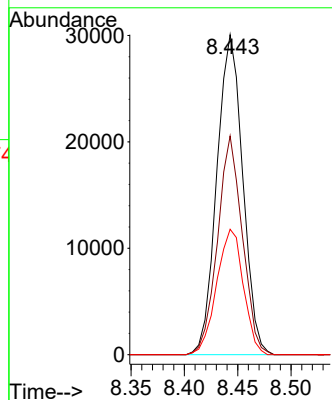
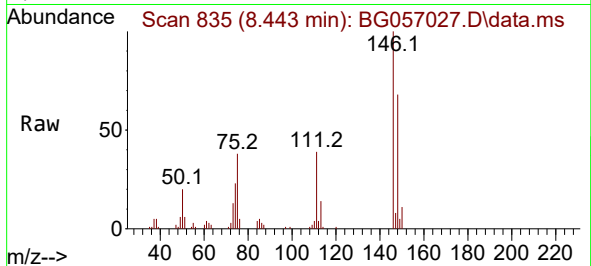
#13
1,4-Dichlorobenzene
Concen: 49.305 ng
RT: 8.443 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

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

Tgt Ion:146 Resp: 50752
Ion Ratio Lower Upper
146 100
148 68.3 54.8 82.2
111 39.2 34.6 52.0

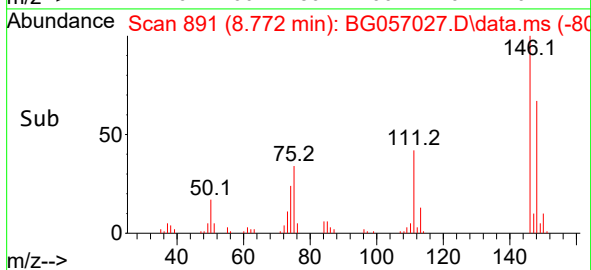
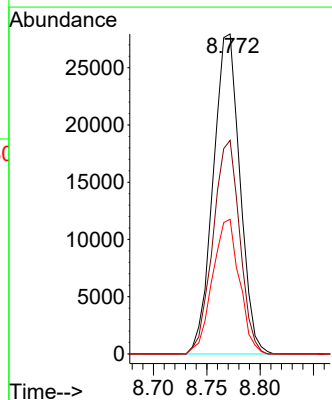
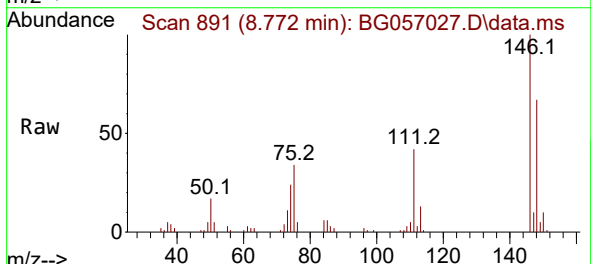
Manual Integrations
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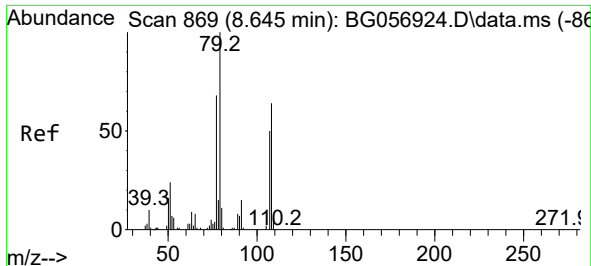
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#14
1,2-Dichlorobenzene
Concen: 48.901 ng
RT: 8.772 min Scan# 891
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

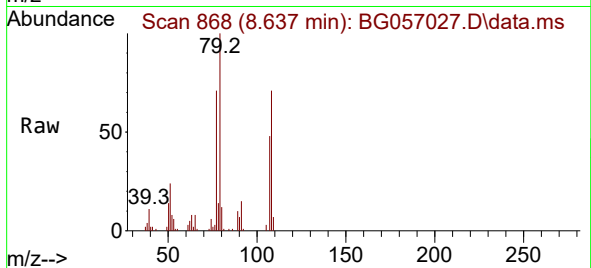
Tgt Ion:146 Resp: 48631
Ion Ratio Lower Upper
146 100
148 66.7 57.4 86.0
111 42.1 33.2 49.8





#15
Benzyl Alcohol
Concen: 45.859 ng
RT: 8.637 min Scan# 869
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

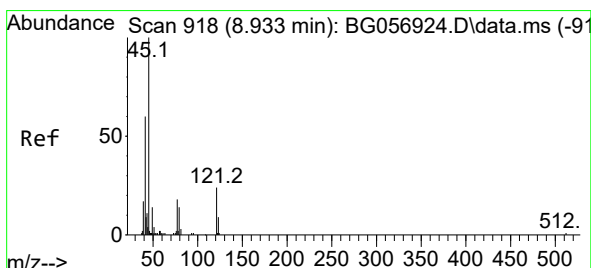
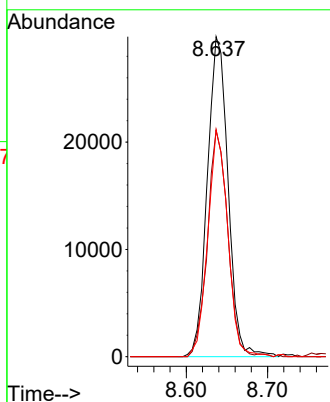
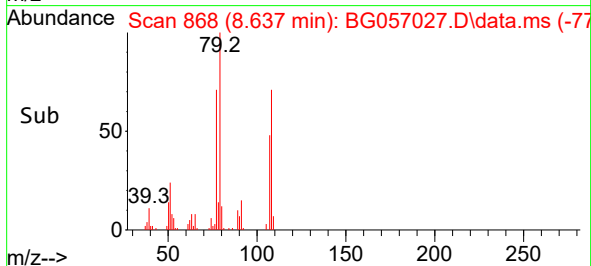
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



Tgt Ion: 79 Resp: 5281
Ion Ratio Lower Upper
79 100
108 70.8 51.2 76.8
77 70.9 54.4 81.6

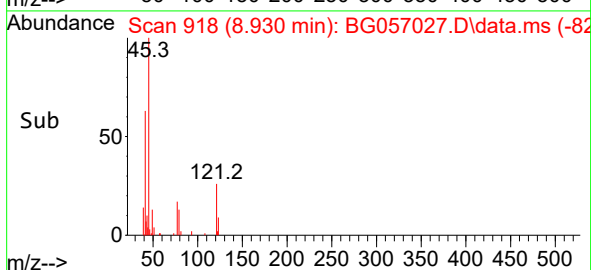
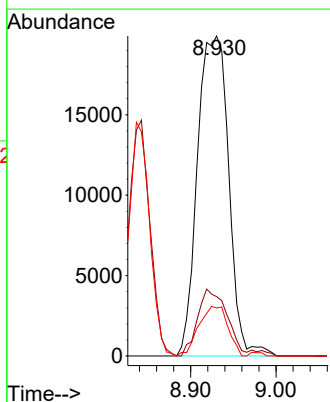
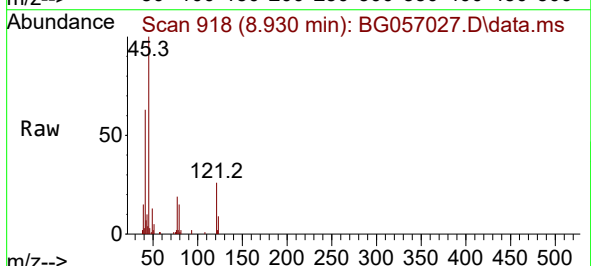
Manual Integrations
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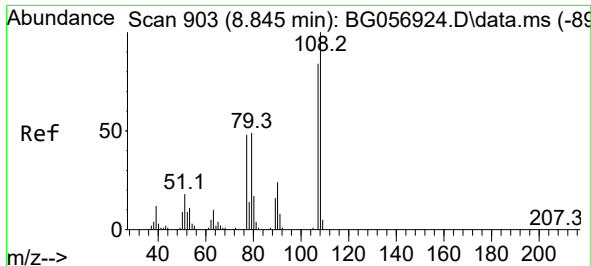
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.007 ng m
RT: 8.930 min Scan# 918
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

Tgt Ion: 45 Resp: 50703
Ion Ratio Lower Upper
45 100
77 18.5 0.0 38.7
79 15.0 0.0 35.1





#17

2-Methylphenol

Concen: 48.040 ng

RT: 8.842 min Scan# 90

Delta R.T. -0.000 min

Lab File: BG057027.D

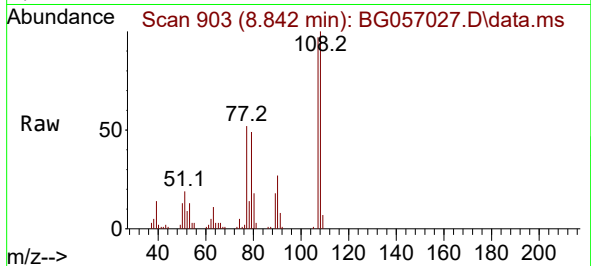
Acq: 7 Apr 2023 15:17

Instrument :

BNA_G

ClientSampleId :

E-H4(ELEV-24)MSD



Tgt Ion:107 Resp: 47068

Ion Ratio Lower Upper

107 100

108 103.1 96.0 144.0

77 53.7 45.6 68.4

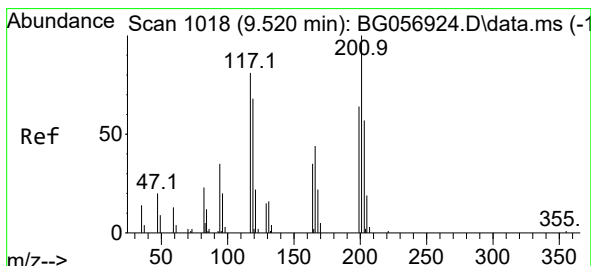
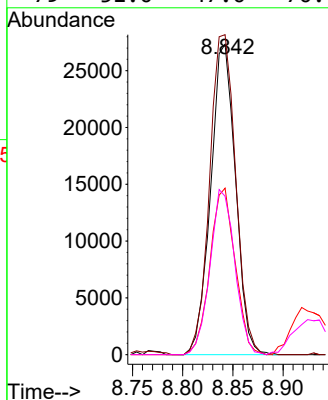
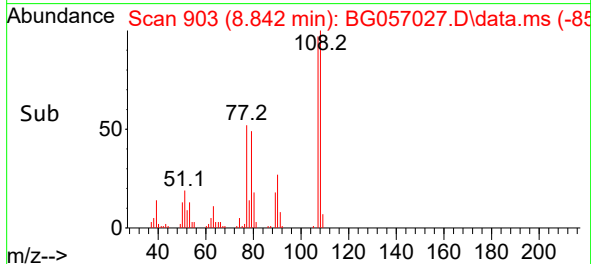
79 51.0 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/10/2023

Supervised By :Jagrut Upadhyay 04/10/2023



#18

Hexachloroethane

Concen: 46.437 ng

RT: 9.512 min Scan# 1017

Delta R.T. -0.000 min

Lab File: BG057027.D

Acq: 7 Apr 2023 15:17

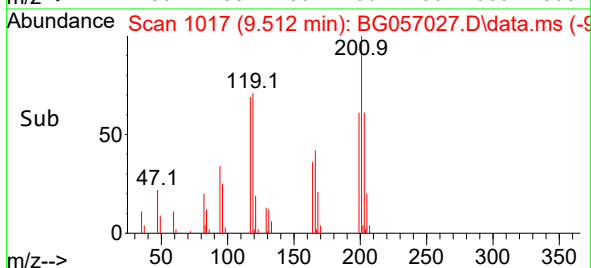
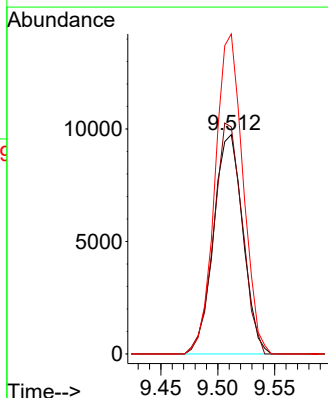
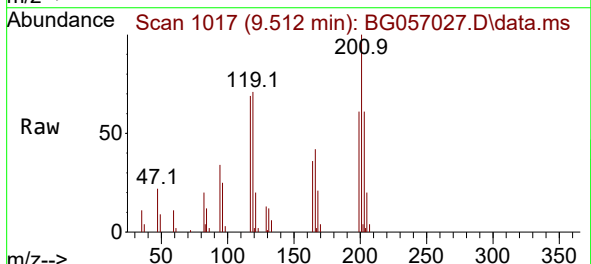
Tgt Ion:117 Resp: 17471

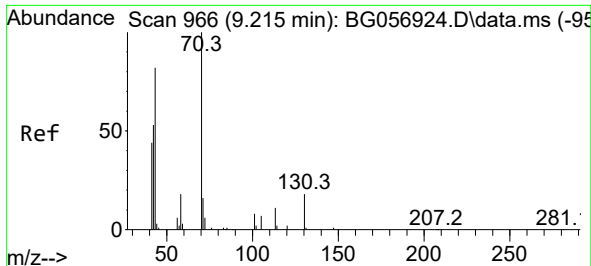
Ion Ratio Lower Upper

117 100

119 103.5 67.0 100.6#

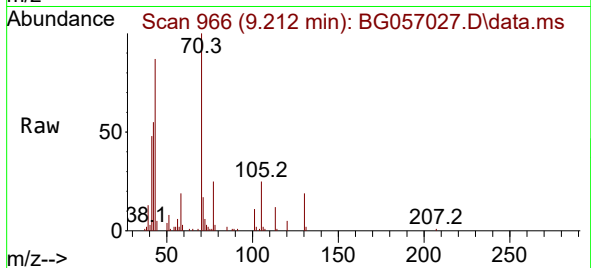
201 145.9 98.7 148.1





#19
n-Nitroso-di-n-propylamine
Concen: 41.027 ng
RT: 9.212 min Scan# 90
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

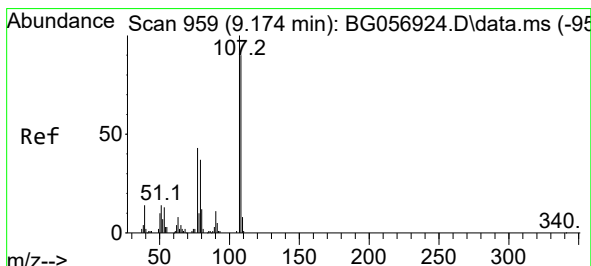
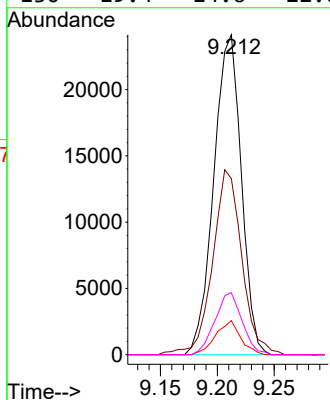
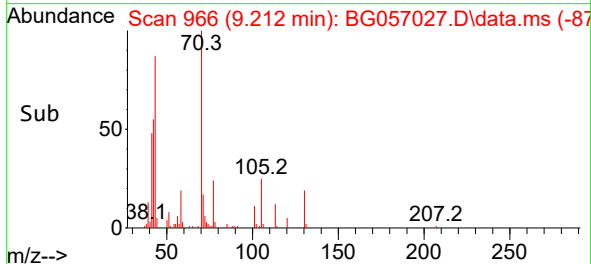
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



Tgt Ion: 70 Resp: 40672
Ion Ratio Lower Upper
70 100
42 55.0 43.4 65.0
101 10.7 6.2 9.2
130 19.4 14.6 22.0

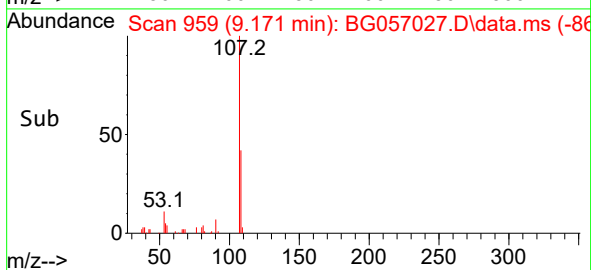
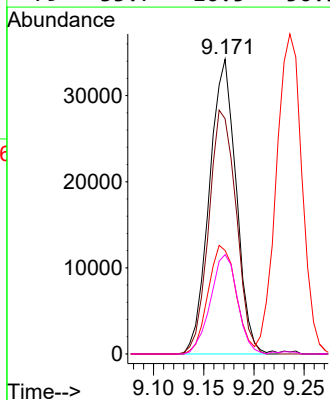
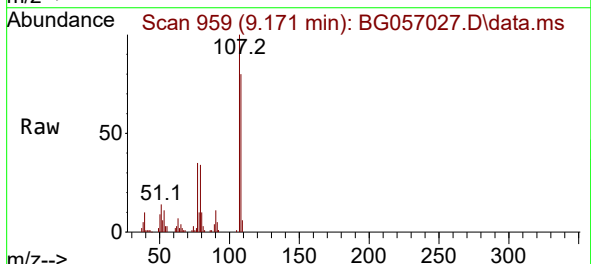
Manual Integrations
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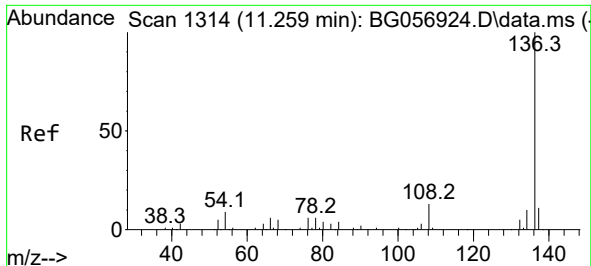
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#20
3+4-Methylphenols
Concen: 46.501 ng
RT: 9.171 min Scan# 959
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

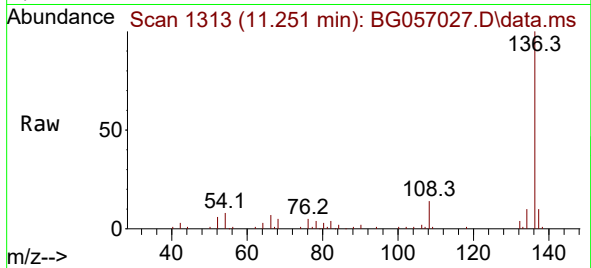
Tgt Ion:107 Resp: 63709
Ion Ratio Lower Upper
107 100
108 79.8 69.9 109.9
77 35.1 22.7 62.7
79 33.7 16.5 56.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

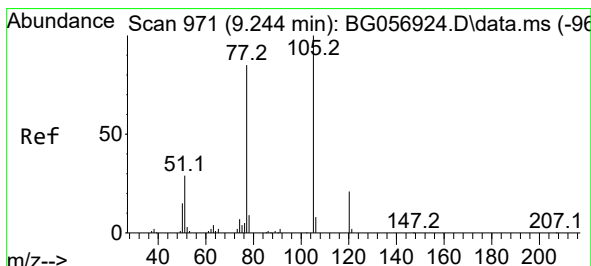
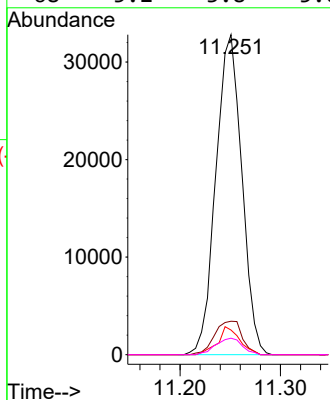
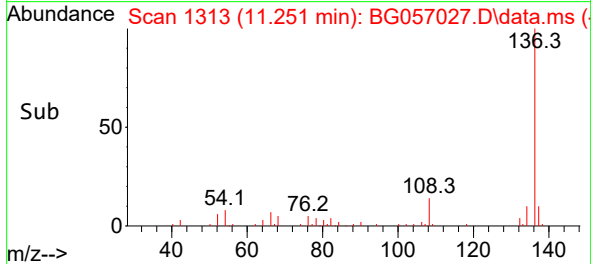
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



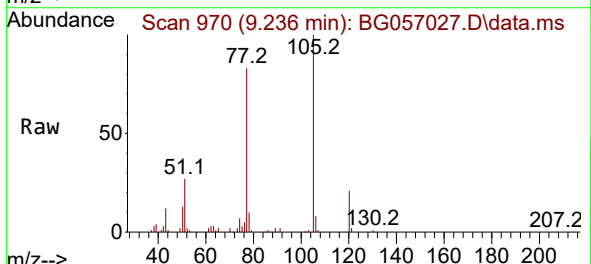
Tgt Ion:136 Resp: 58852
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.7 6.9 10.3
68 5.2 3.8 5.6

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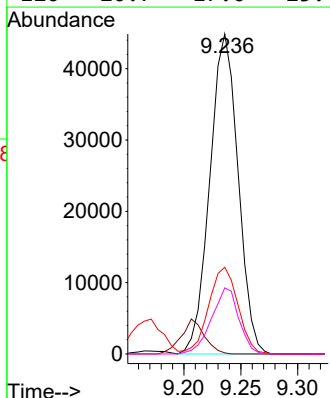
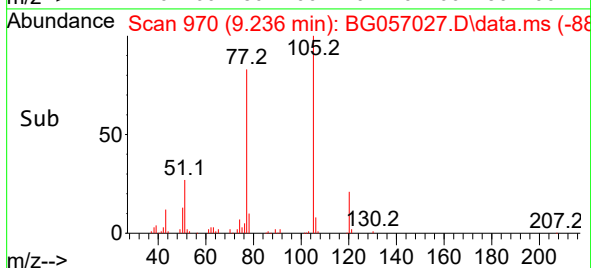
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

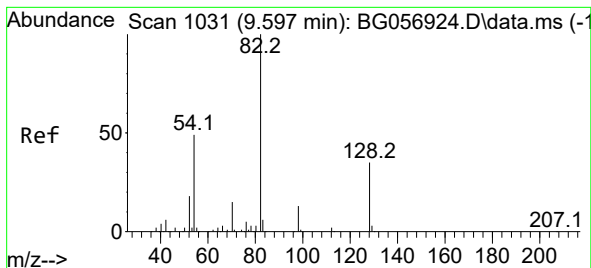


#22
Acetophenone
Concen: 44.329 ng
RT: 9.236 min Scan# 970
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17



Tgt Ion:105 Resp: 77629
Ion Ratio Lower Upper
105 100
71 0.3 0.7 1.1#
51 27.1 23.8 35.8
120 20.7 17.0 25.4





#23

Nitrobenzene-d5

Concen: 64.246 ng

RT: 9.582 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BG057027.D

Acq: 7 Apr 2023 15:17

Instrument :

BNA_G

ClientSampleId :

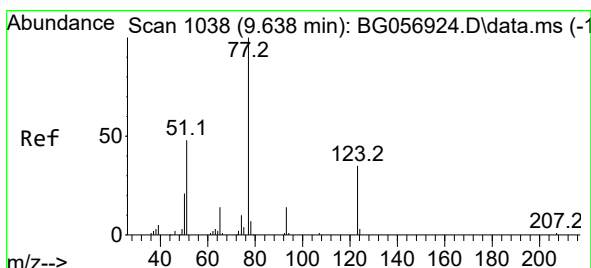
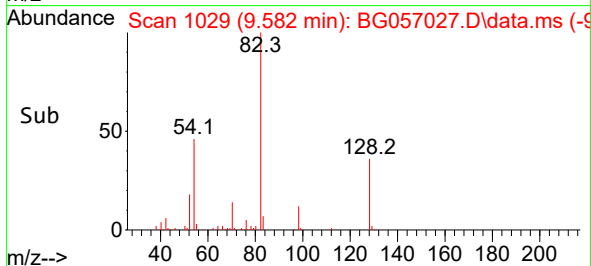
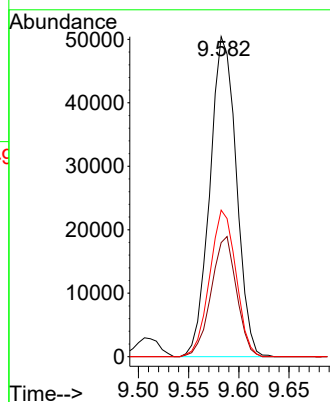
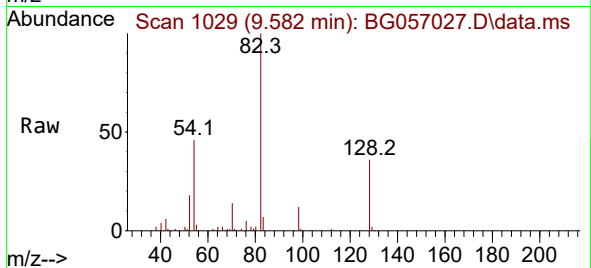
E-H4(ELEV-24)MSD

Tgt Ion: 82	Resp: 92400
Ion Ratio	Lower Upper
82	100
128	35.6 27.9 41.9
54	45.8 39.4 59.2

Manual Integrations

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



#24

Nitrobenzene

Concen: 42.851 ng

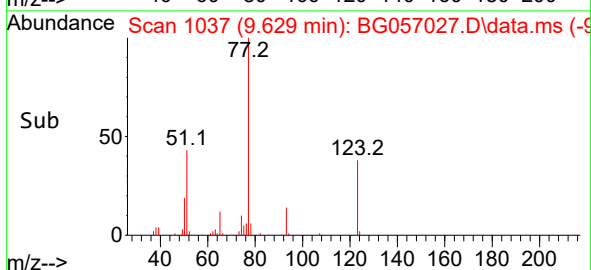
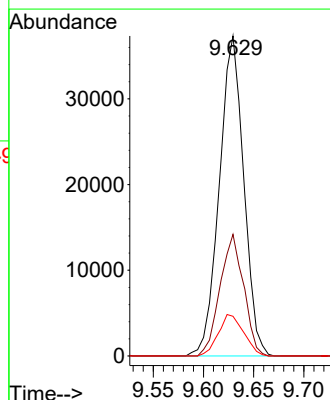
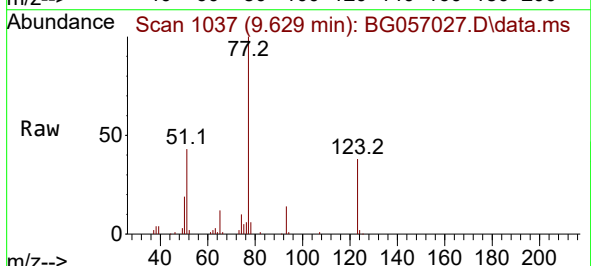
RT: 9.629 min Scan# 1037

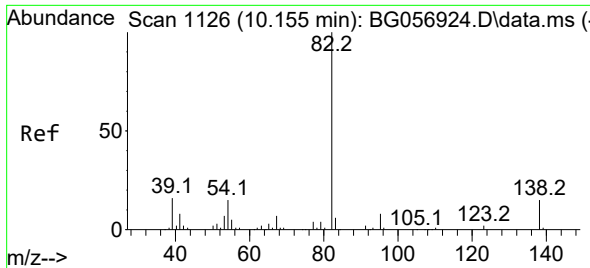
Delta R.T. -0.000 min

Lab File: BG057027.D

Acq: 7 Apr 2023 15:17

Tgt Ion: 77	Resp: 63013
Ion Ratio	Lower Upper
77	100
123	38.0 27.6 41.4
65	12.4 11.5 17.3





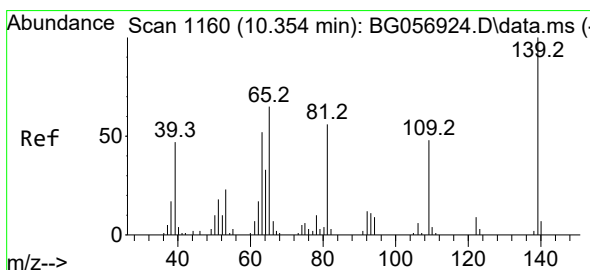
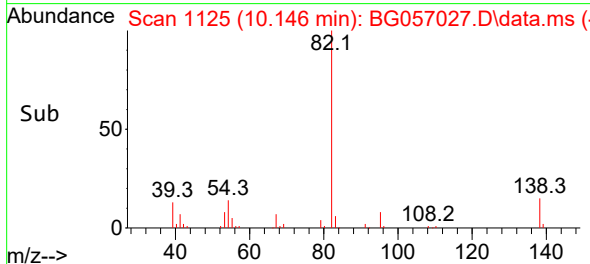
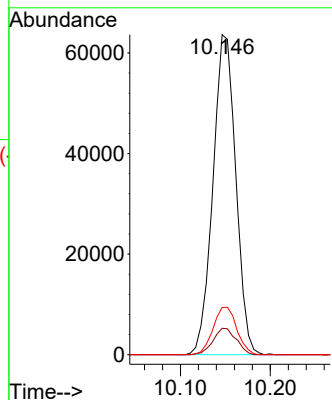
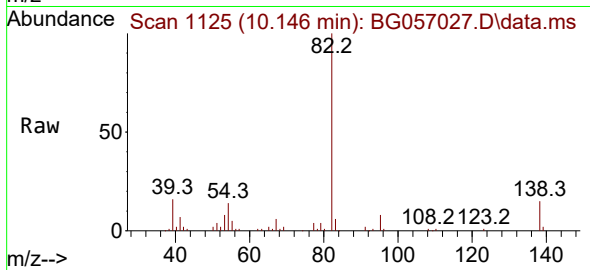
#25
Isophorone
Concen: 41.059 ng
RT: 10.146 min Scan# 112458
Delta R.T. -0.006 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

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

Tgt Ion: 82 Resp: 112458
Ion Ratio Lower Upper
82 100
95 8.2 6.3 9.5
138 14.8 11.8 17.8

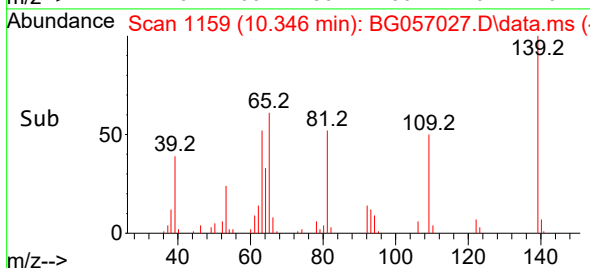
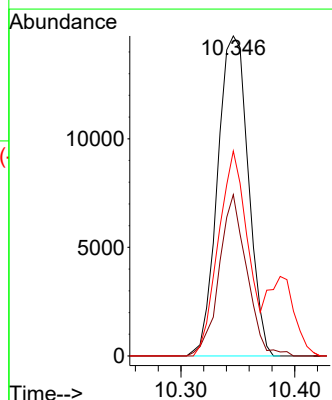
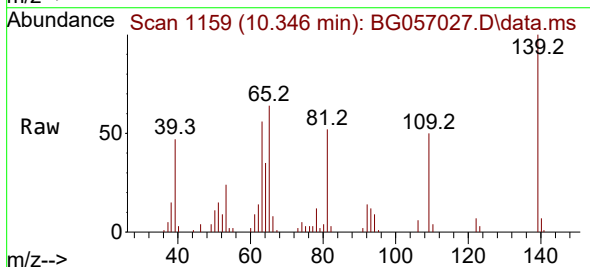
Manual Integrations
APPROVED

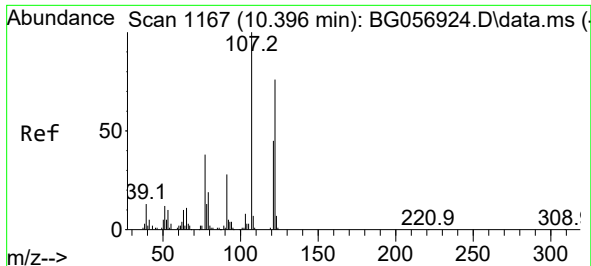
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#26
2-Nitrophenol
Concen: 48.723 ng
RT: 10.346 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

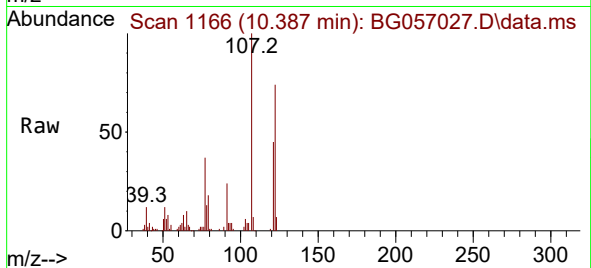
Tgt Ion:139 Resp: 27655
Ion Ratio Lower Upper
139 100
109 50.4 38.2 57.4
65 64.0 51.8 77.8





#27
2,4-Dimethylphenol
Concen: 48.235 ng
RT: 10.387 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

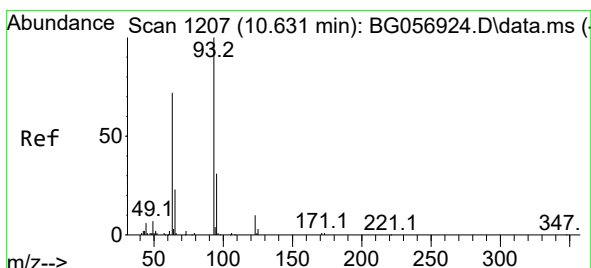
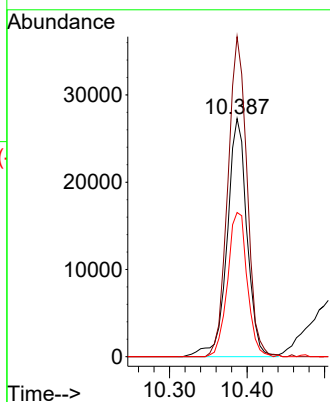
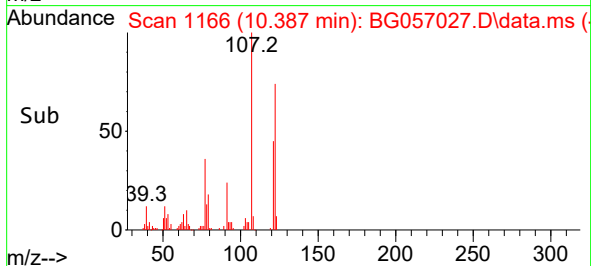
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



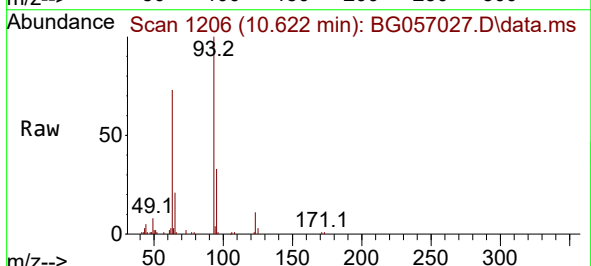
Tgt Ion:122 Resp: 48339
Ion Ratio Lower Upper
122 100
107 134.4 105.7 158.5
121 60.5 48.0 72.0

Manual Integrations
APPROVED

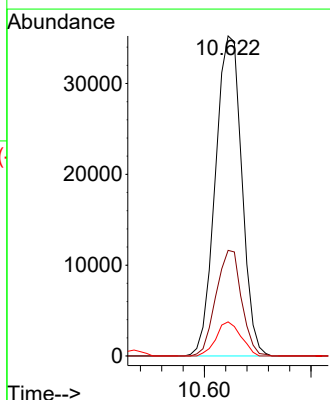
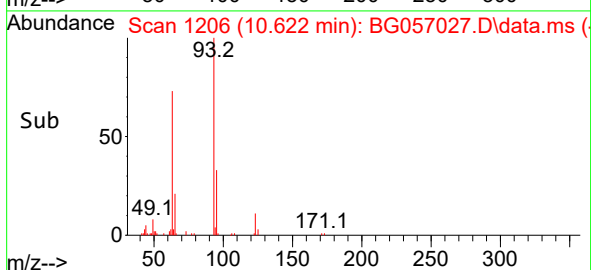
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

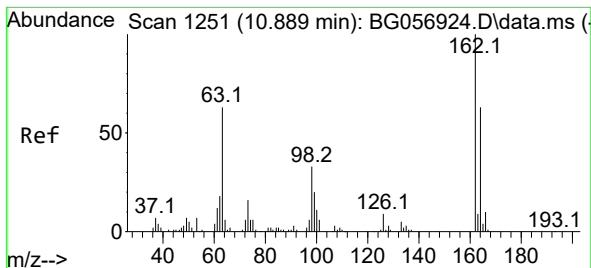


#28
bis(2-Chloroethoxy)methane
Concen: 44.204 ng
RT: 10.622 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17



Tgt Ion: 93 Resp: 60613
Ion Ratio Lower Upper
93 100
95 33.0 24.6 37.0
123 10.6 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 46.929 ng

RT: 10.887 min Scan# 1251

Delta R.T. -0.000 min

Lab File: BG057027.D

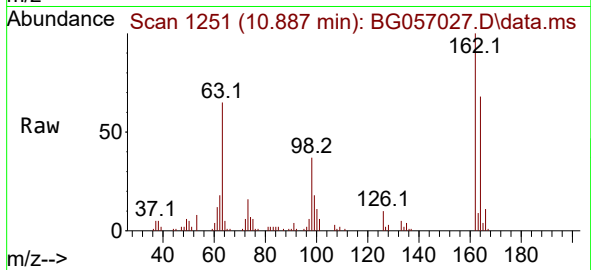
Acq: 7 Apr 2023 15:17

Instrument :

BNA_G

ClientSampleId :

E-H4(ELEV-24)MSD



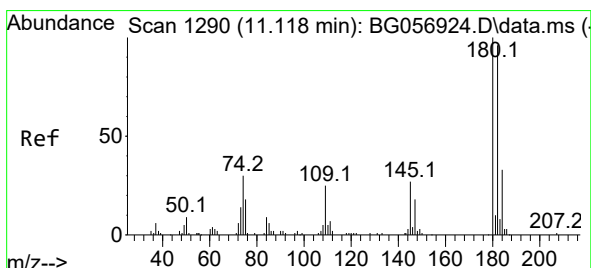
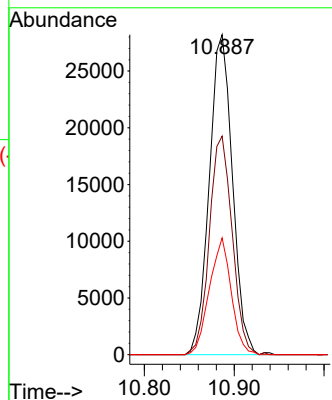
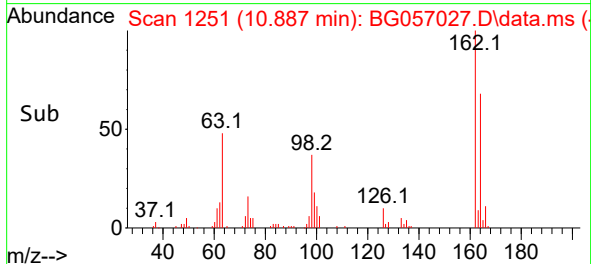
Tgt Ion:	162	Resp:	50578
Ion Ratio	Lower	Upper	
162	100		
164	68.3	43.4	83.4
98	36.5	12.5	52.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/10/2023

Supervised By :Jagrut Upadhyay 04/10/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.471 ng

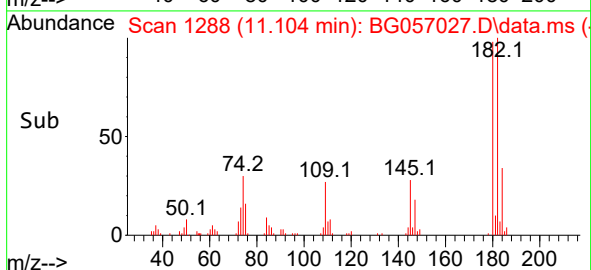
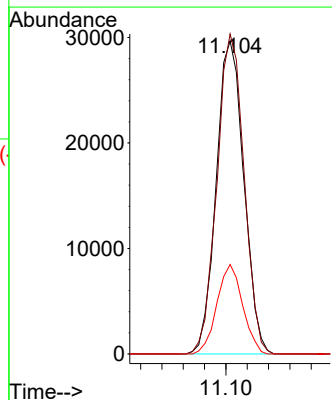
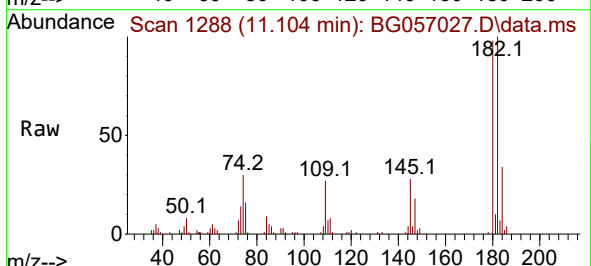
RT: 11.104 min Scan# 1288

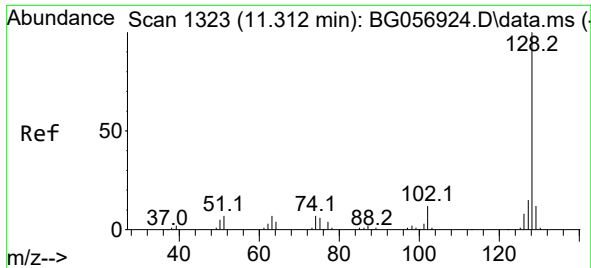
Delta R.T. -0.006 min

Lab File: BG057027.D

Acq: 7 Apr 2023 15:17

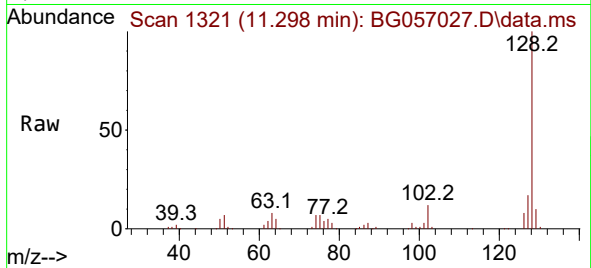
Tgt Ion:	180	Resp:	53217
Ion Ratio	Lower	Upper	
180	100		
182	102.2	77.1	115.7
145	28.6	21.3	31.9





#31
Naphthalene
Concen: 45.109 ng
RT: 11.298 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

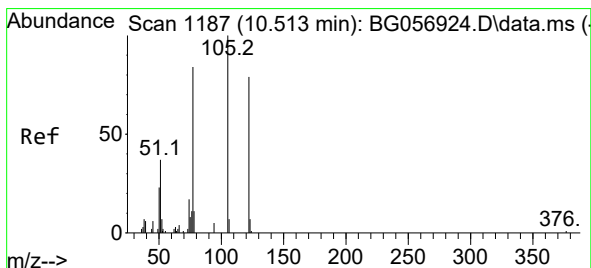
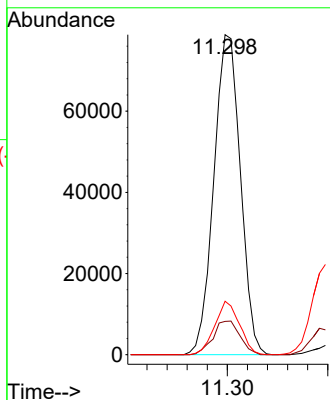
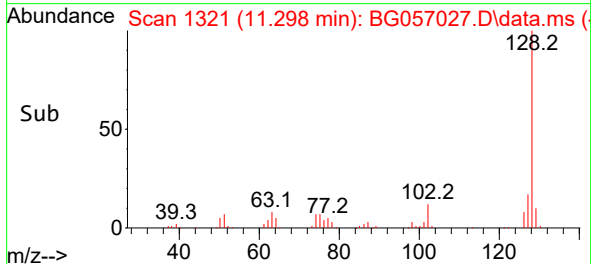
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



Tgt Ion:128 Resp: 14470
Ion Ratio Lower Upper
128 100
129 10.4 9.4 14.2
127 16.7 12.2 18.4

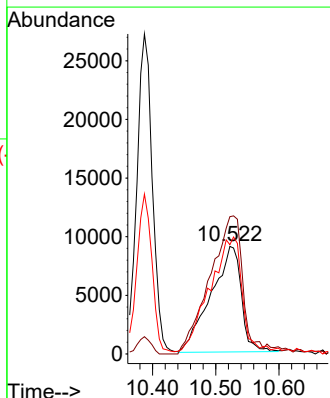
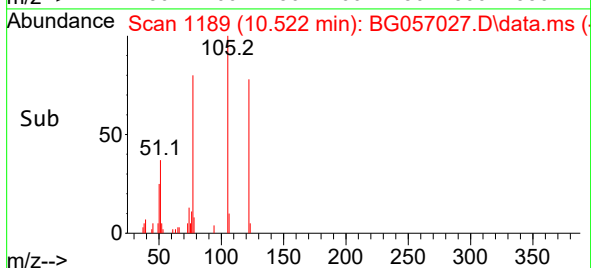
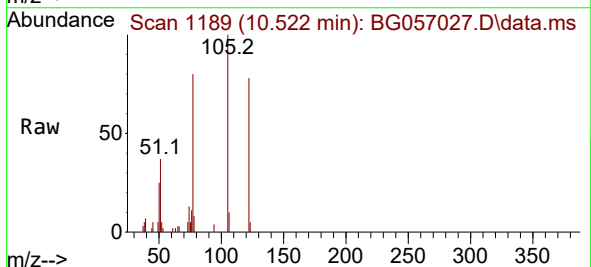
Manual Integrations
APPROVED

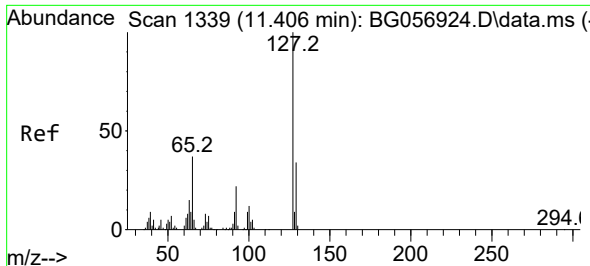
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#32
Benzoic acid
Concen: 43.637 ng
RT: 10.522 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

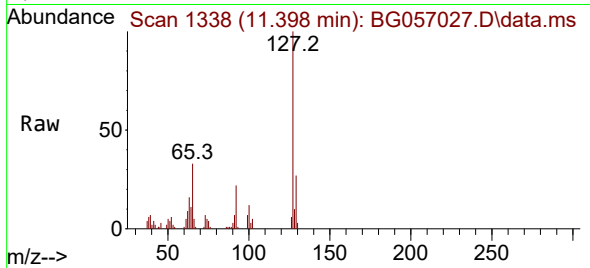
Tgt Ion:122 Resp: 30039
Ion Ratio Lower Upper
122 100
105 127.7 105.4 145.4
77 101.7 87.4 127.4





#33
4-Chloroaniline
Concen: 28.647 ng
RT: 11.398 min Scan# 11338
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

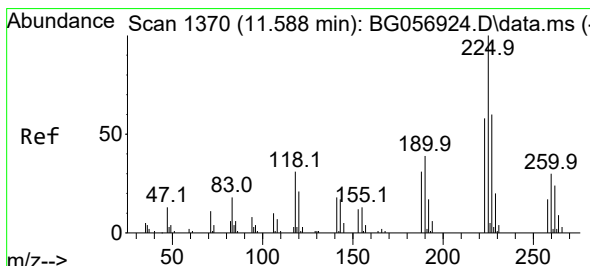
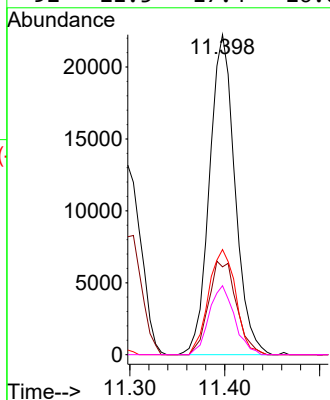
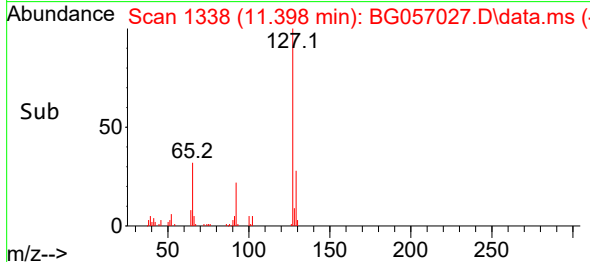
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



Tgt Ion:	127	Resp:	41504
Ion Ratio	Lower	Upper	
127	100		
129	27.4	27.6	41.4
65	32.8	29.8	44.8
92	21.5	17.4	26.0

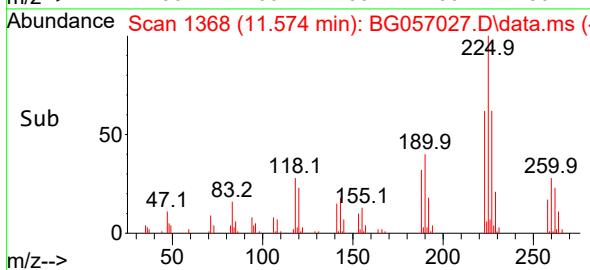
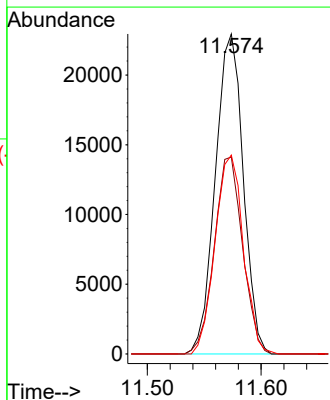
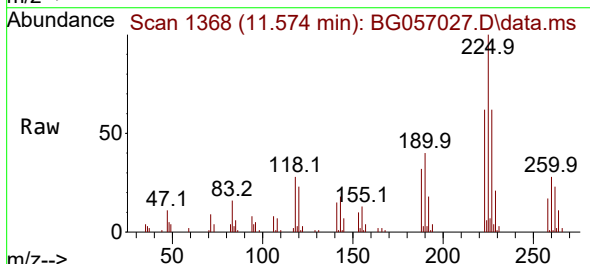
Manual Integrations
APPROVED

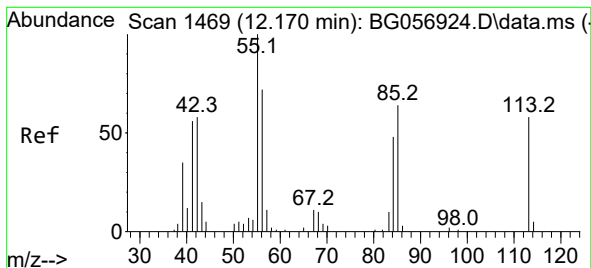
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#34
Hexachlorobutadiene
Concen: 45.576 ng
RT: 11.574 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

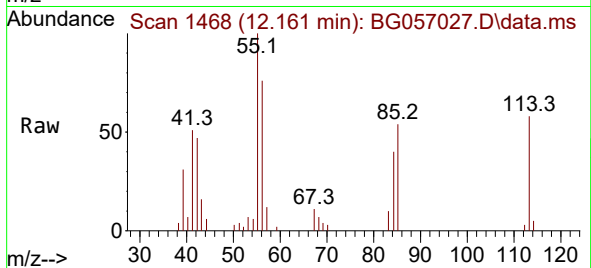
Tgt Ion:	225	Resp:	39205
Ion Ratio	Lower	Upper	
225	100		
223	61.6	46.4	69.6
227	62.1	48.0	72.0





#35
Caprolactam
Concen: 42.453 ng m
RT: 12.161 min Scan# 1468
Delta R.T. -0.012 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

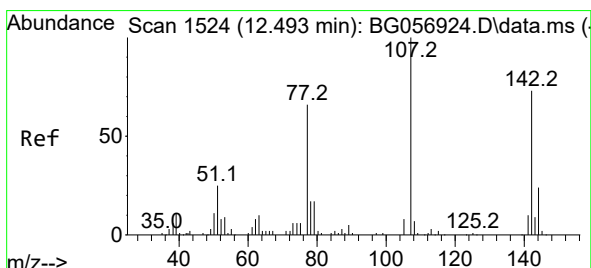
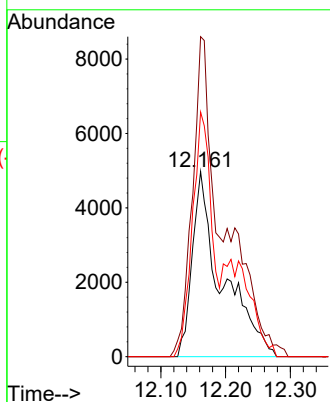
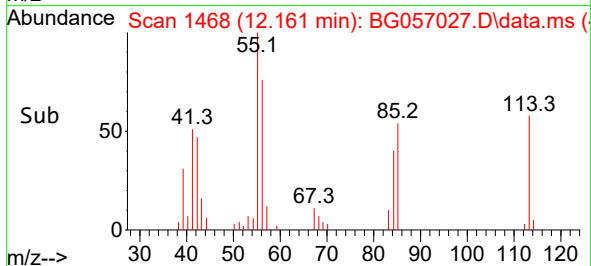
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



Tgt Ion:113 Resp: 15779
Ion Ratio Lower Upper
113 100
55 172.9 151.6 191.6
56 132.1 103.7 143.7

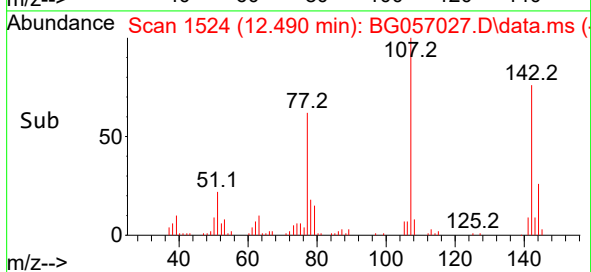
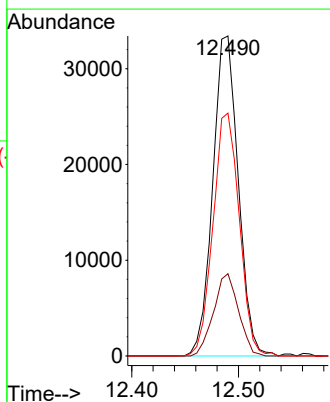
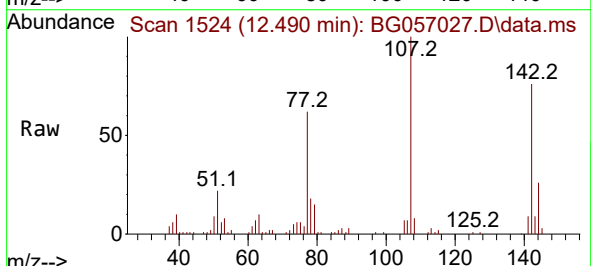
Manual Integrations
APPROVED

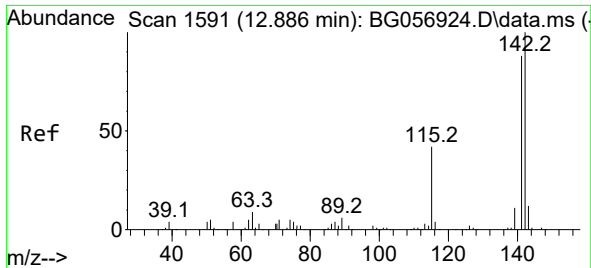
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#36
4-Chloro-3-methylphenol
Concen: 46.053 ng
RT: 12.490 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

Tgt Ion:107 Resp: 55507
Ion Ratio Lower Upper
107 100
144 25.7 19.0 28.4
142 75.9 58.6 88.0





#37

2-Methylnaphthalene

Concen: 42.003 ng

RT: 12.872 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG057027.D

Acq: 7 Apr 2023 15:17

Instrument :

BNA_G

ClientSampleId :

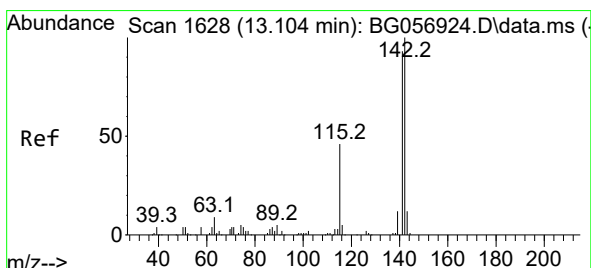
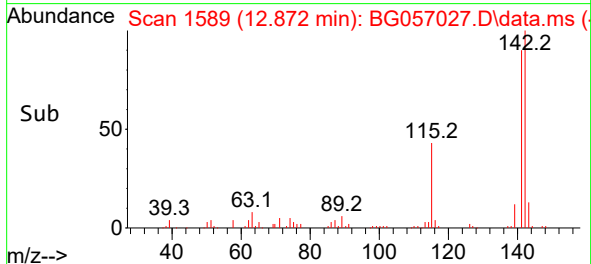
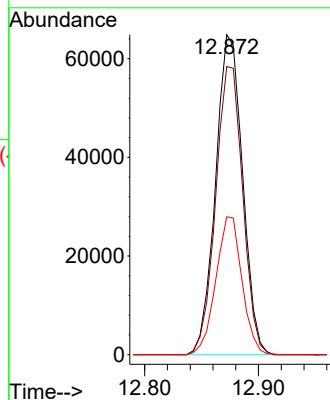
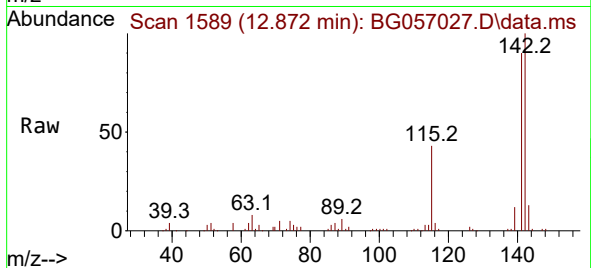
E-H4(ELEV-24)MSD

Tgt Ion:142 Resp: 10693
 Ion Ratio Lower Upper
 142 100
 141 90.0 70.3 105.5
 115 43.1 33.5 50.3

Manual Integrations

APPROVED

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



#38

1-Methylnaphthalene

Concen: 41.637 ng

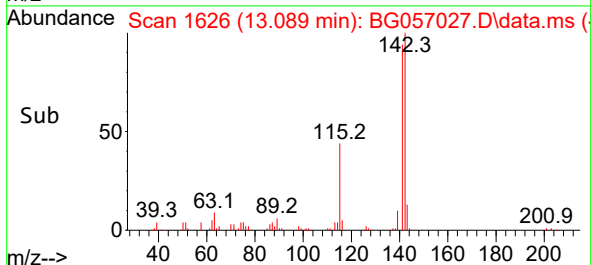
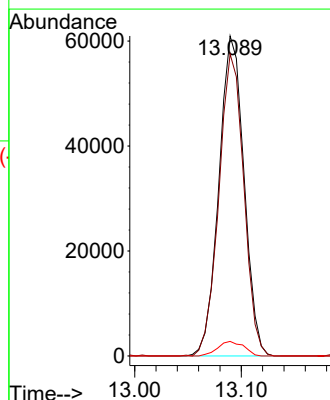
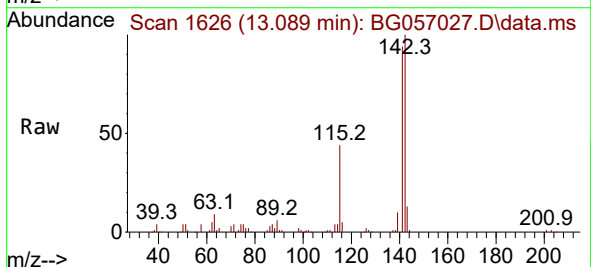
RT: 13.089 min Scan# 1626

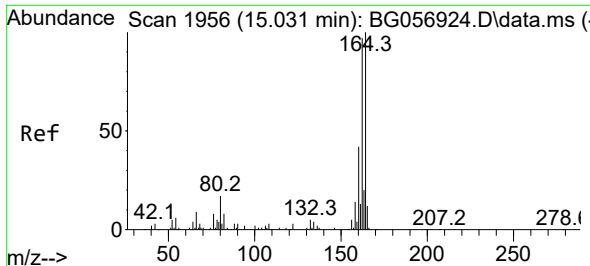
Delta R.T. -0.006 min

Lab File: BG057027.D

Acq: 7 Apr 2023 15:17

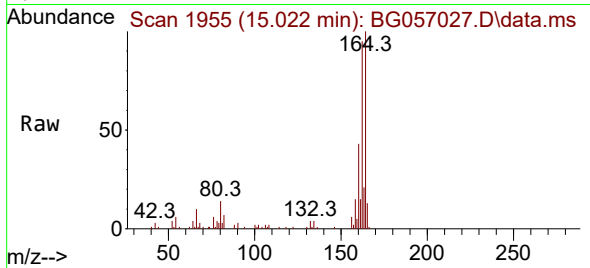
Tgt Ion:142 Resp: 99539
 Ion Ratio Lower Upper
 142 100
 141 94.3 74.0 111.0
 116 4.6 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.022 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

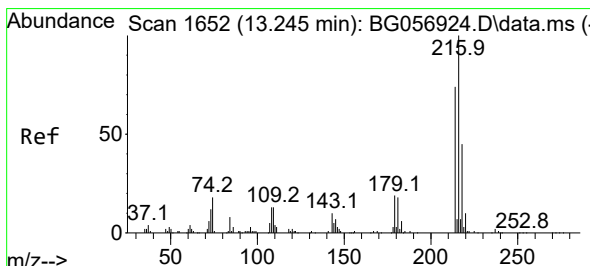
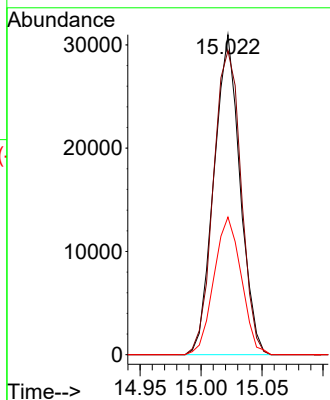
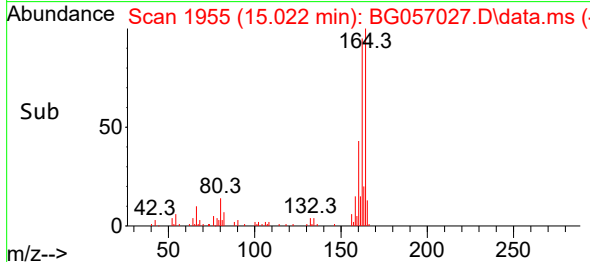
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



Tgt Ion:164 Resp: 46135
Ion Ratio Lower Upper
164 100
162 95.0 77.8 116.8
160 43.0 33.5 50.3

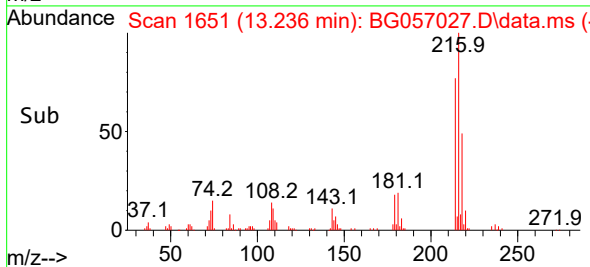
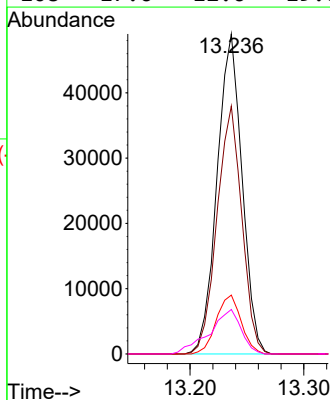
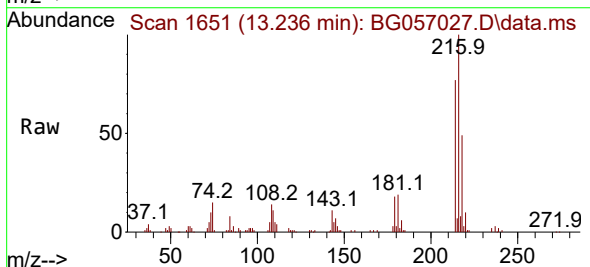
Manual Integrations
APPROVED

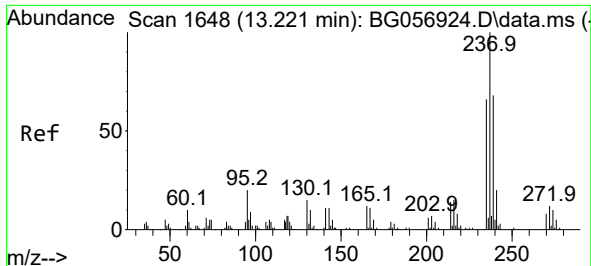
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.692 ng
RT: 13.236 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

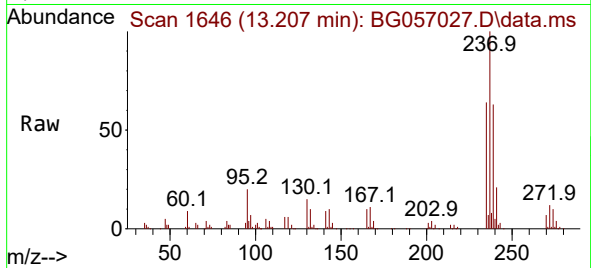
Tgt Ion:216 Resp: 74699
Ion Ratio Lower Upper
216 100
214 76.9 63.3 94.9
179 18.4 15.0 22.6
108 17.6 12.6 19.0





#41
Hexachlorocyclopentadiene
Concen: 112.492 ng
RT: 13.207 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

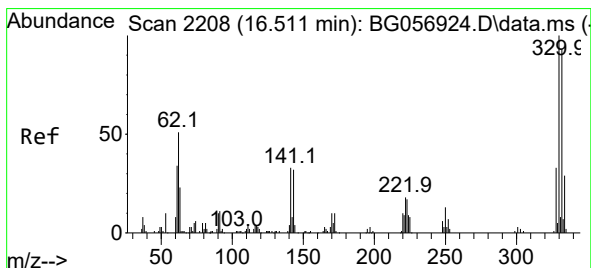
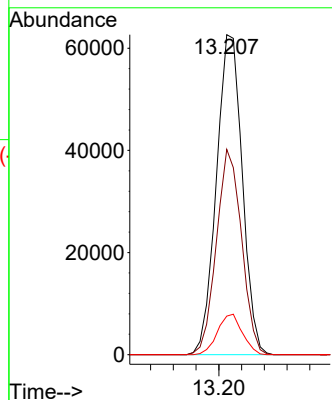
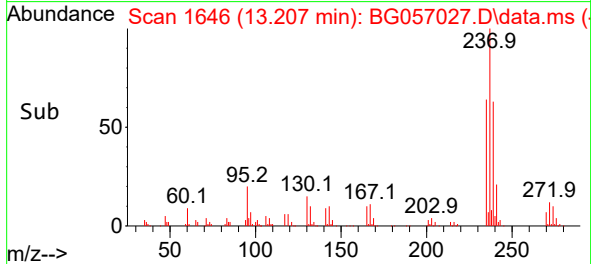
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



Tgt Ion:237 Resp: 99158
Ion Ratio Lower Upper
237 100
235 64.1 45.9 85.9
272 12.0 0.0 32.3

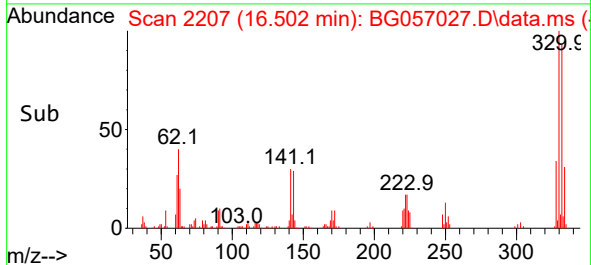
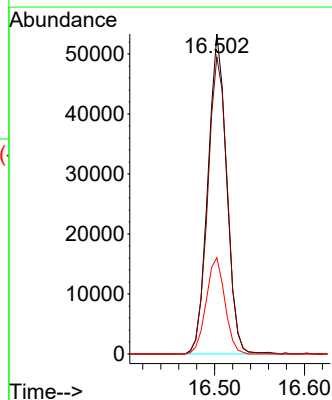
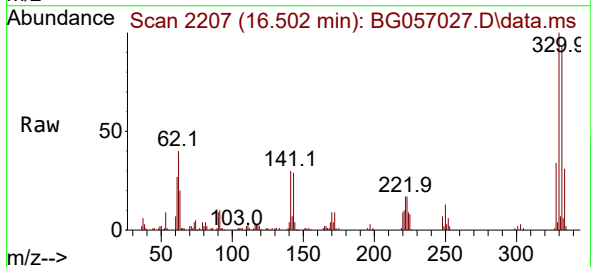
Manual Integrations
APPROVED

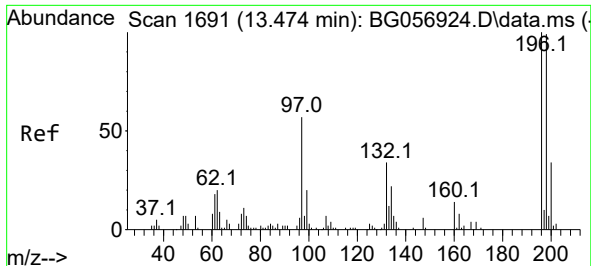
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#42
2,4,6-Tribromophenol
Concen: 104.424 ng
RT: 16.502 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

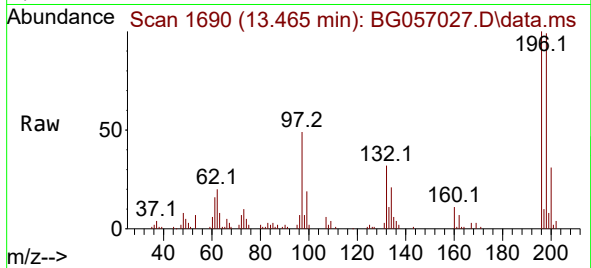
Tgt Ion:330 Resp: 76963
Ion Ratio Lower Upper
330 100
332 96.7 76.1 114.1
141 30.0 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 46.823 ng
RT: 13.465 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

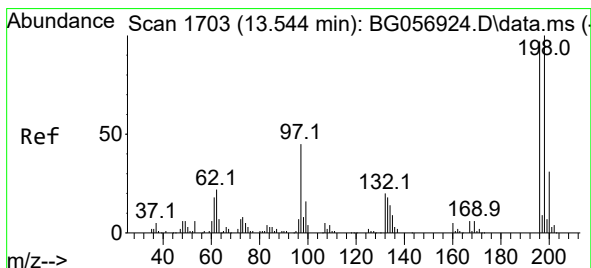
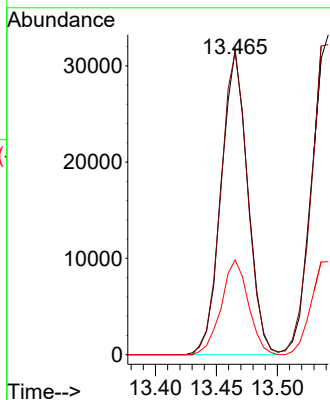
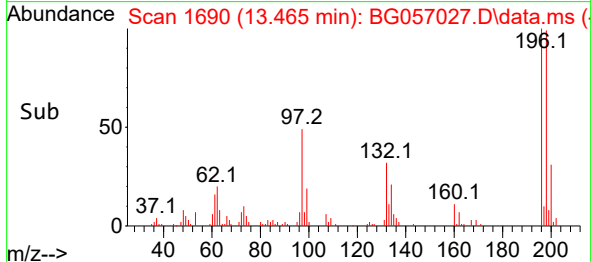
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



Tgt Ion:196 Resp: 4780
Ion Ratio Lower Upper
196 100
198 98.8 79.1 118.7
200 31.0 27.2 40.8

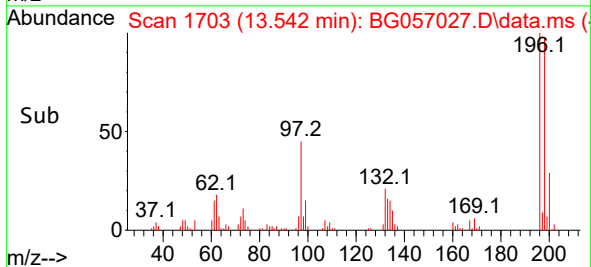
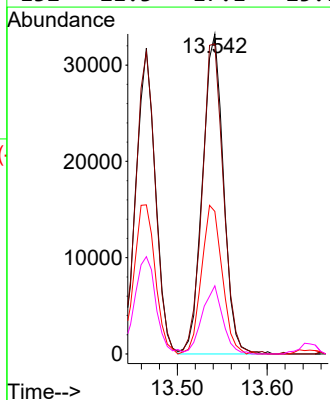
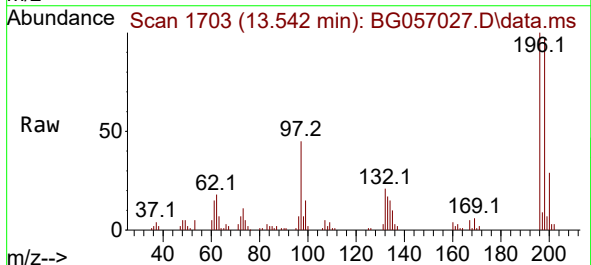
Manual Integrations
APPROVED

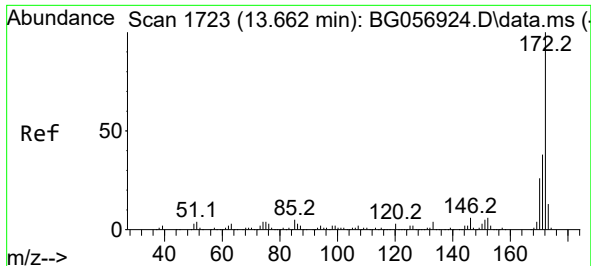
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#44
2,4,5-Trichlorophenol
Concen: 44.397 ng
RT: 13.542 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

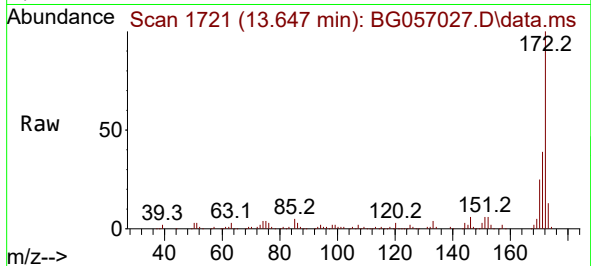
Tgt Ion:196 Resp: 53695
Ion Ratio Lower Upper
196 100
198 96.9 82.5 123.7
97 44.6 37.0 55.6
132 21.3 17.1 25.7





#45
2-Fluorobiphenyl
Concen: 62.474 ng
RT: 13.647 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

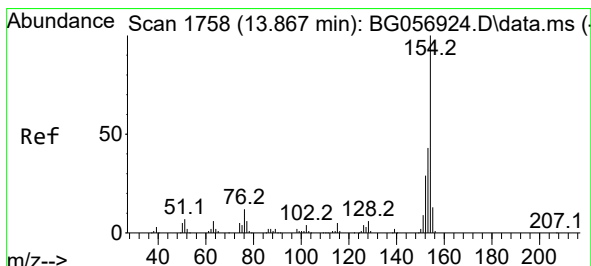
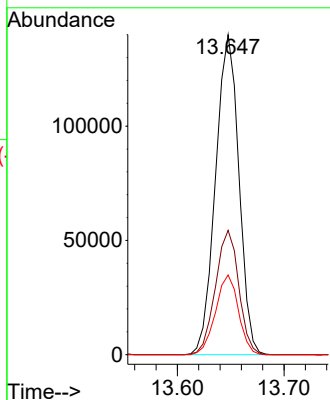
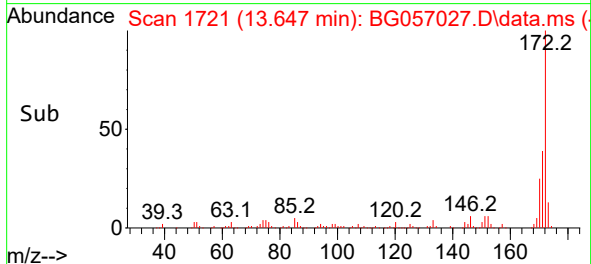
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



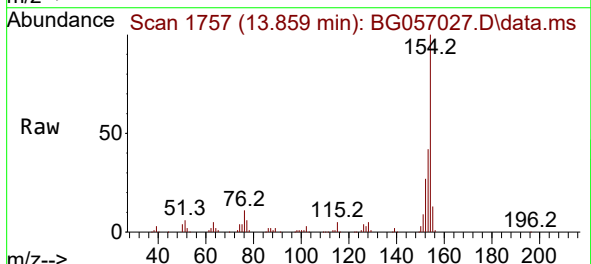
Tgt Ion:172 Resp: 21255
Ion Ratio Lower Upper
172 100
171 38.9 30.6 46.0
170 24.9 20.6 30.8

Manual Integrations
APPROVED

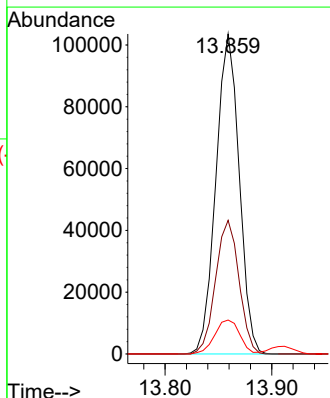
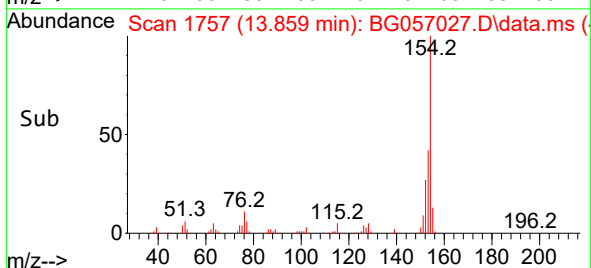
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

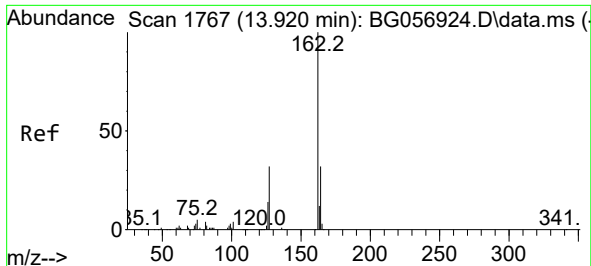


#46
1,1'-Biphenyl
Concen: 46.382 ng
RT: 13.859 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17



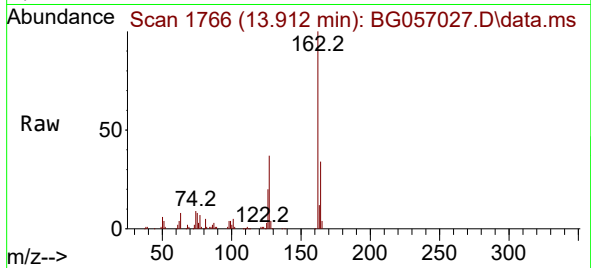
Tgt Ion:154 Resp: 156643
Ion Ratio Lower Upper
154 100
153 41.8 23.4 63.4
76 10.6 0.0 31.6





#47
2-Chloronaphthalene
Concen: 47.575 ng
RT: 13.912 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

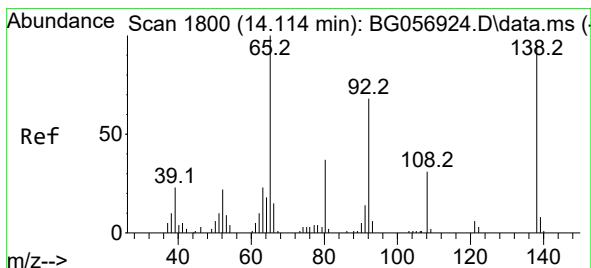
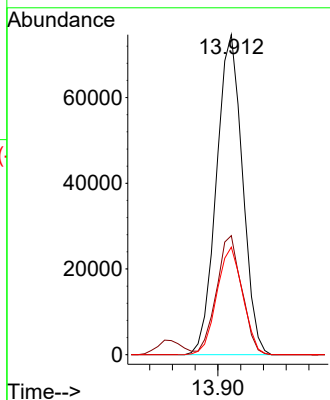
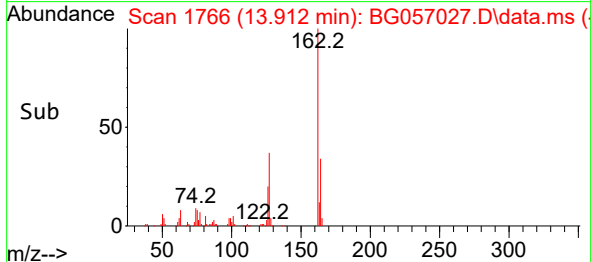
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



Tgt Ion:162 Resp: 11883
Ion Ratio Lower Upper
162 100
127 37.2 29.5 44.3
164 33.6 25.5 38.3

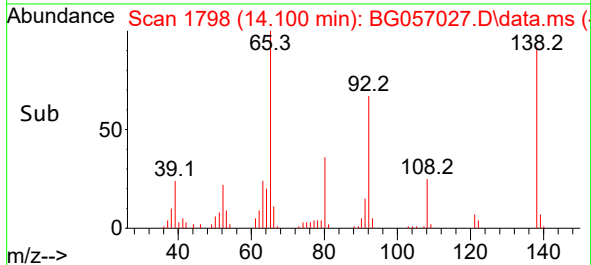
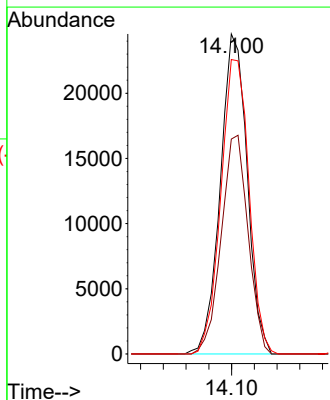
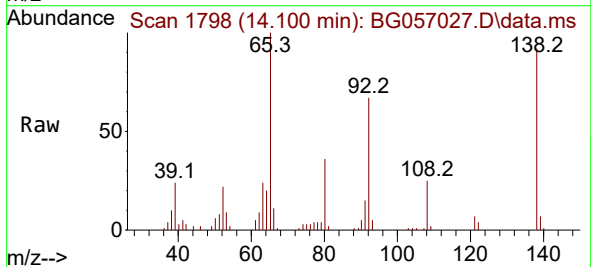
Manual Integrations
APPROVED

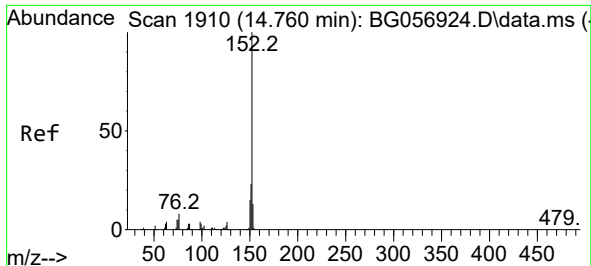
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#48
2-Nitroaniline
Concen: 45.018 ng
RT: 14.100 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

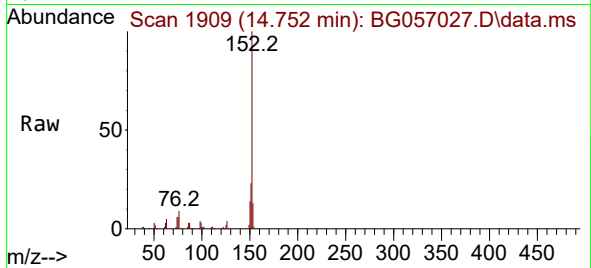
Tgt Ion: 65 Resp: 40207
Ion Ratio Lower Upper
65 100
92 67.2 54.3 81.5
138 92.0 76.0 114.0





#49
Acenaphthylene
Concen: 45.566 ng
RT: 14.752 min Scan# 1909
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

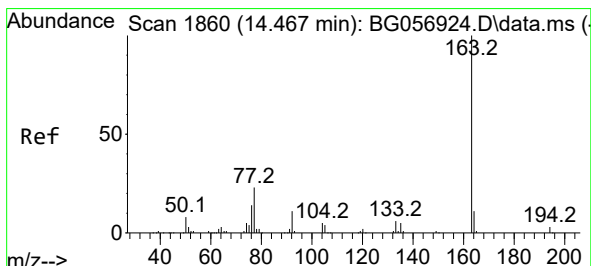
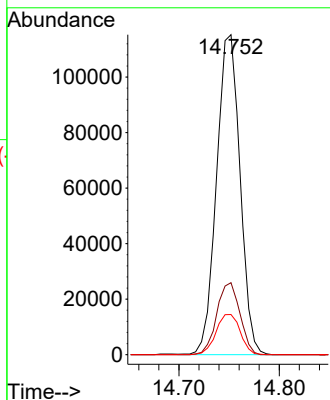
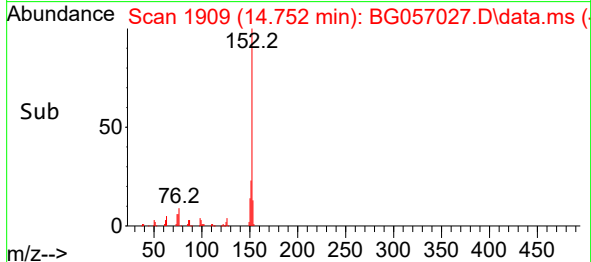
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



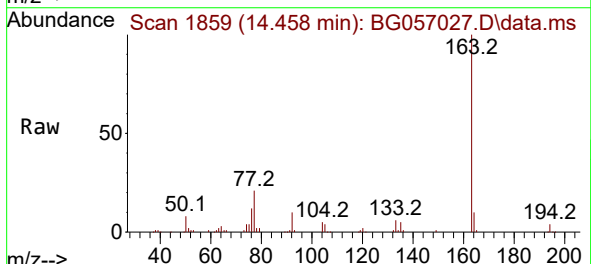
Tgt Ion:152 Resp: 186999
Ion Ratio Lower Upper
152 100
151 22.5 18.2 27.2
153 12.5 10.5 15.7

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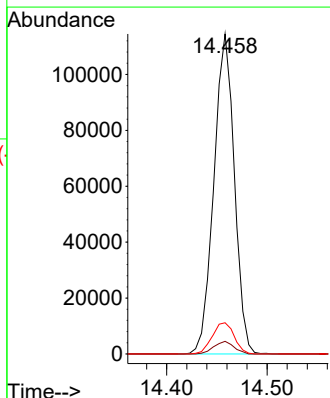
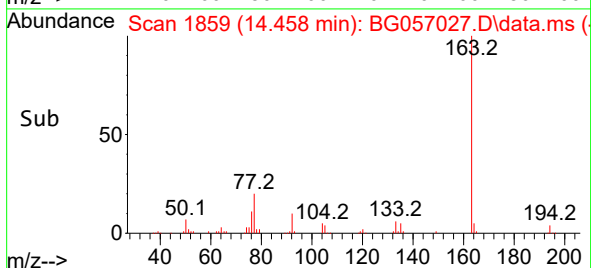
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

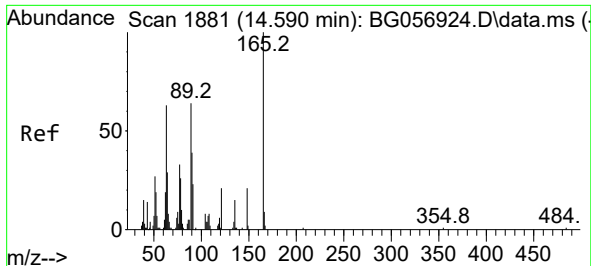


#50
Dimethylphthalate
Concen: 44.610 ng
RT: 14.458 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17



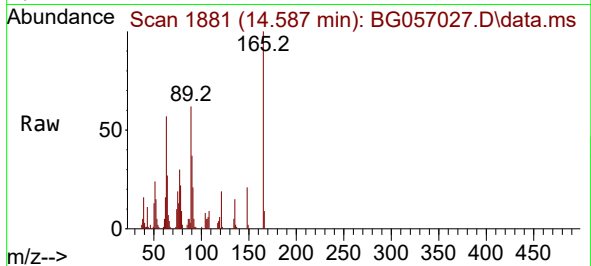
Tgt Ion:163 Resp: 162161
Ion Ratio Lower Upper
163 100
194 4.0 2.8 4.2
164 9.8 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 45.232 ng
RT: 14.587 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

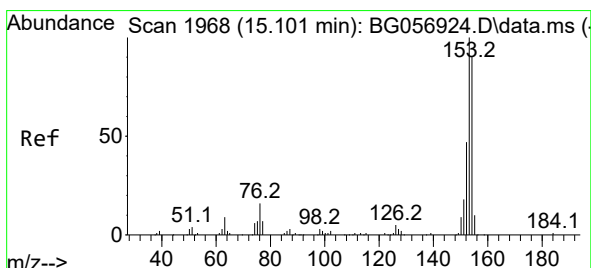
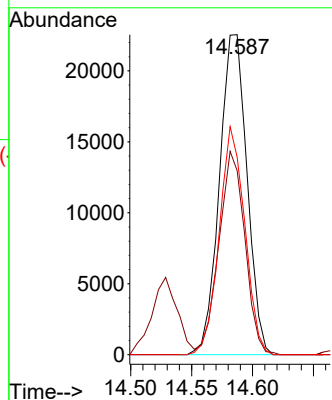
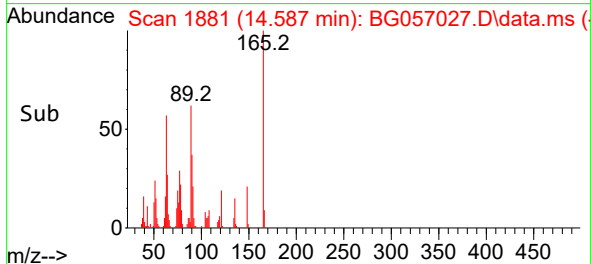
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



Tgt Ion:165 Resp: 3552
Ion Ratio Lower Upper
165 100
63 57.5 53.0 79.6
89 61.7 51.0 76.4

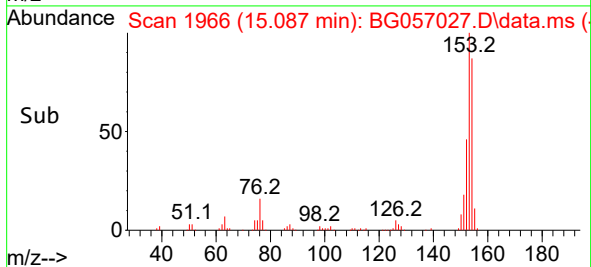
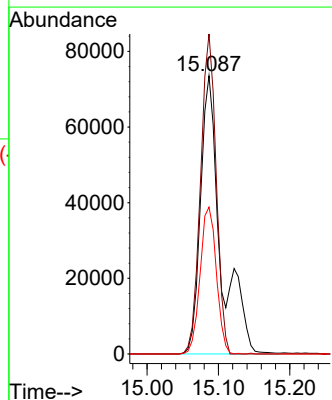
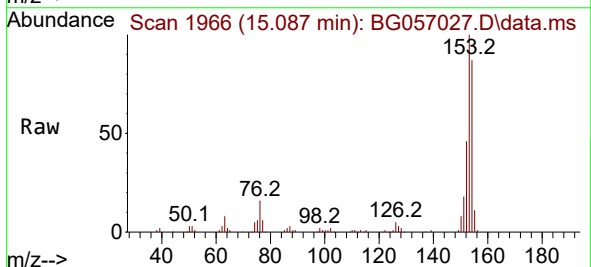
Manual Integrations
APPROVED

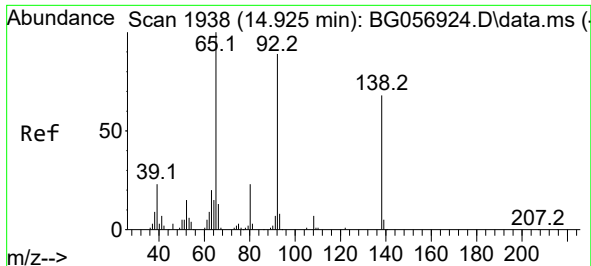
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#52
Acenaphthene
Concen: 51.718 ng m
RT: 15.087 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

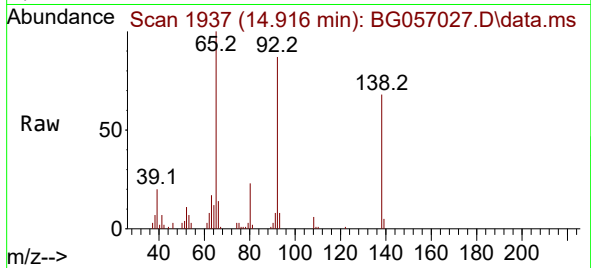
Tgt Ion:154 Resp: 146381
Ion Ratio Lower Upper
154 100
153 115.0 88.9 133.3
152 52.8 41.8 62.8





#53
3-Nitroaniline
Concen: 30.082 ng
RT: 14.916 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

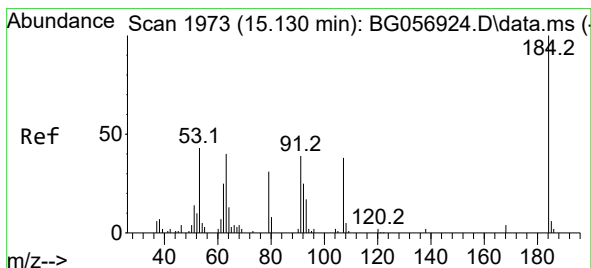
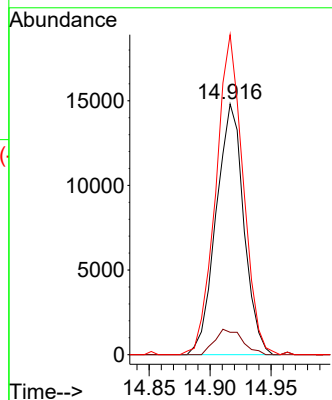
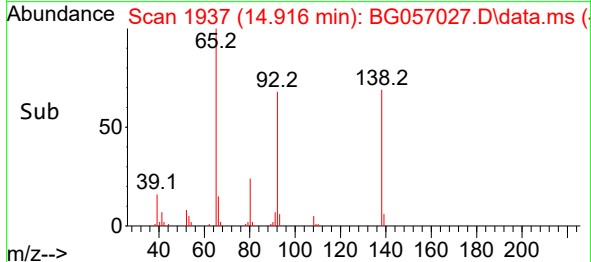
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



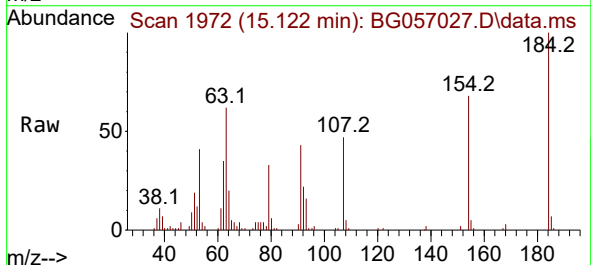
Tgt Ion:138 Resp: 23380
Ion Ratio Lower Upper
138 100
108 9.0 8.2 12.2
92 127.7 105.2 157.8

Manual Integrations
APPROVED

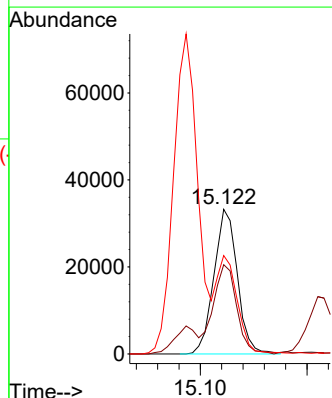
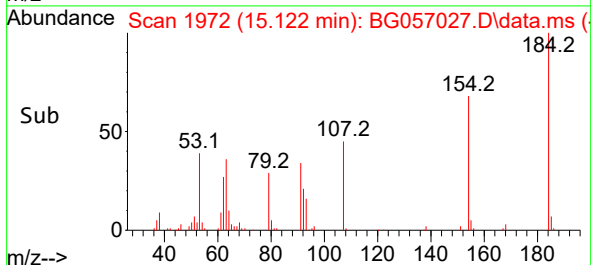
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

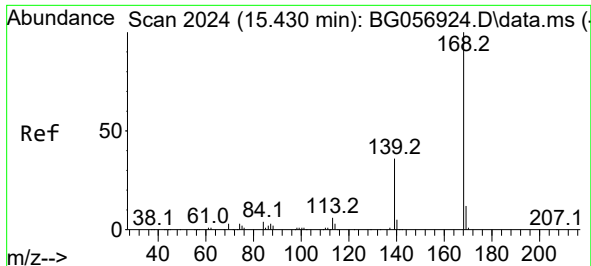


#54
2,4-Dinitrophenol
Concen: 114.666 ng
RT: 15.122 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17



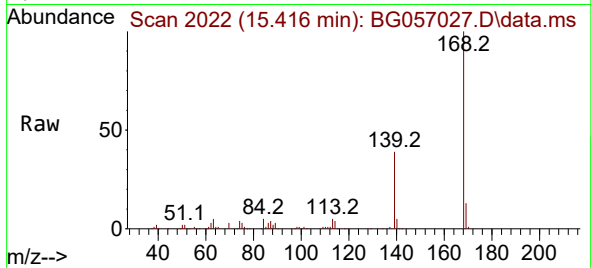
Tgt Ion:184 Resp: 50691
Ion Ratio Lower Upper
184 100
63 61.8 46.5 69.7
154 68.0 53.5 80.3





#55
Dibenzofuran
Concen: 44.507 ng
RT: 15.416 min Scan# 20
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

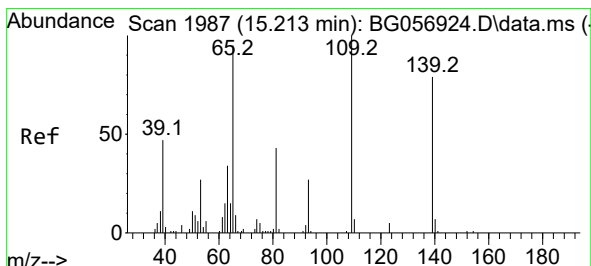
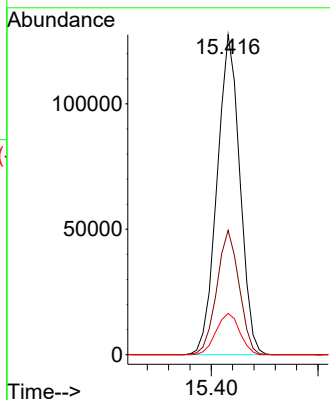
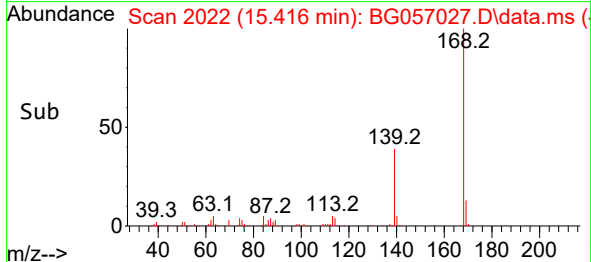
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



Tgt Ion:168 Resp: 18906
Ion Ratio Lower Upper
168 100
139 38.9 28.9 43.3
169 12.9 9.8 14.6

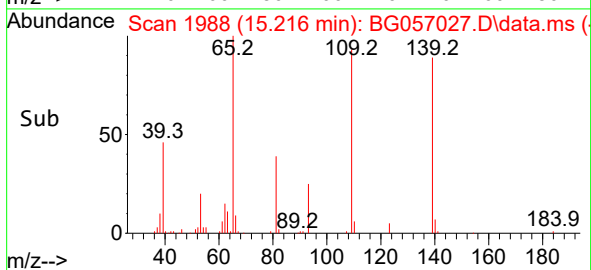
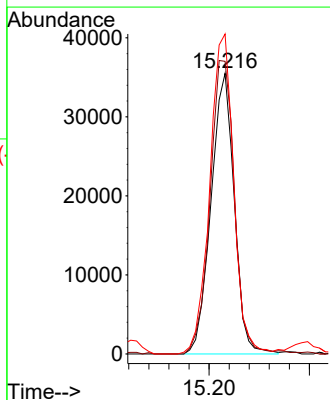
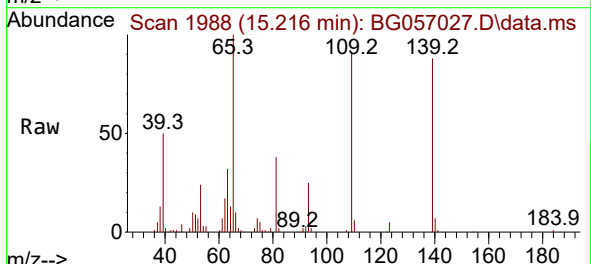
Manual Integrations
APPROVED

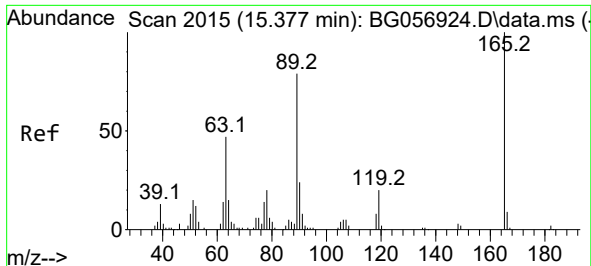
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#56
4-Nitrophenol
Concen: 99.203 ng
RT: 15.216 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

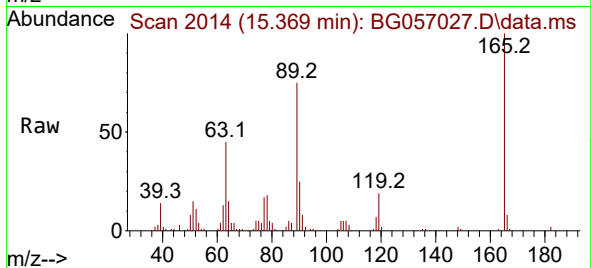
Tgt Ion:139 Resp: 57028
Ion Ratio Lower Upper
139 100
109 104.3 106.7 146.7#
65 114.0 100.5 140.5





#57
2,4-Dinitrotoluene
Concen: 45.692 ng
RT: 15.369 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

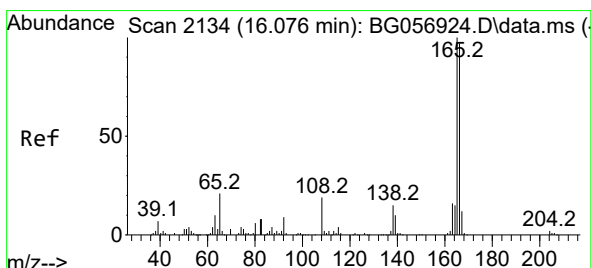
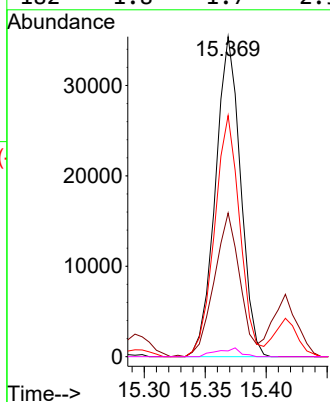
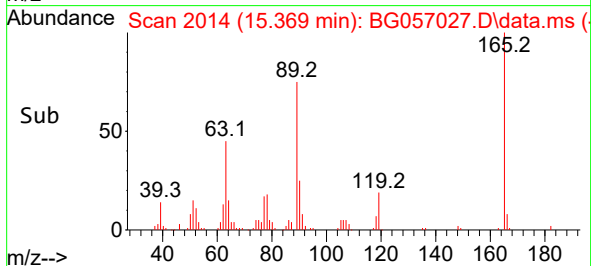
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



Tgt Ion:165 Resp: 50614
Ion Ratio Lower Upper
165 100
63 44.9 37.7 56.5
89 75.4 63.2 94.8
182 1.8 1.7 2.5

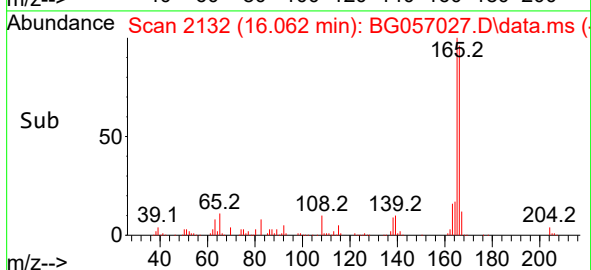
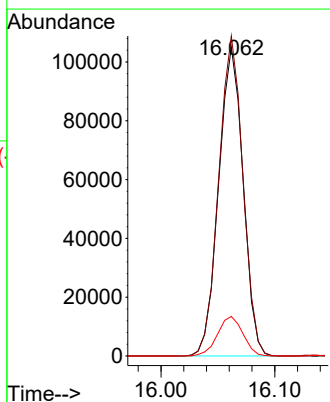
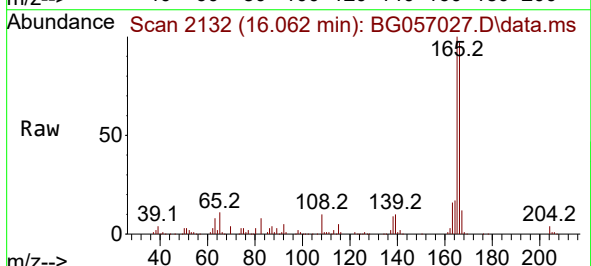
Manual Integrations
APPROVED

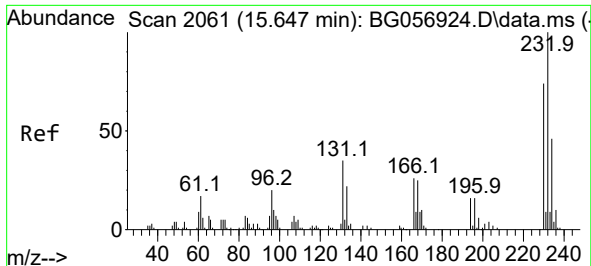
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#58
Fluorene
Concen: 44.528 ng
RT: 16.062 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

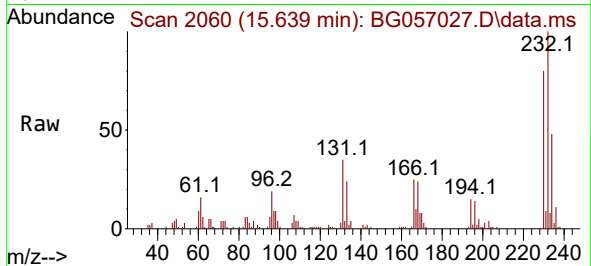
Tgt Ion:166 Resp: 156524
Ion Ratio Lower Upper
166 100
165 103.6 82.6 123.8
167 12.8 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.547 ng
RT: 15.639 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

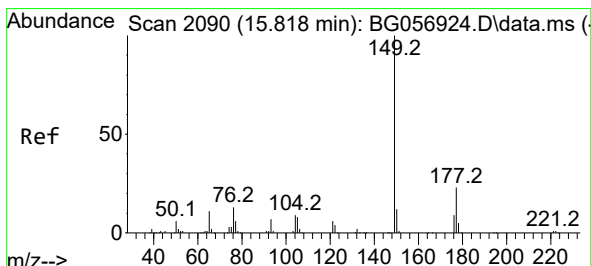
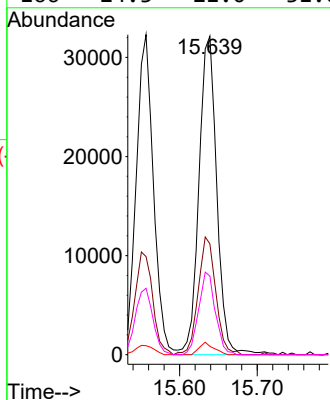
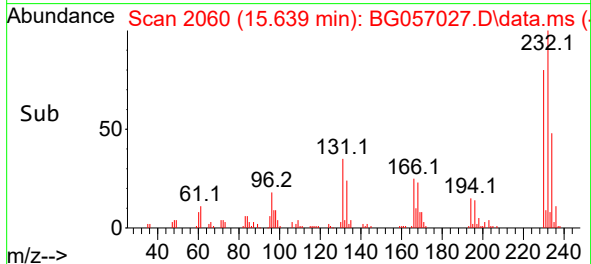
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



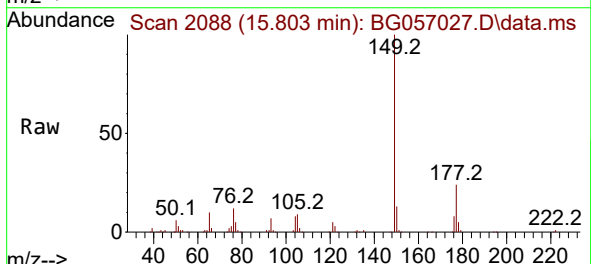
Tgt Ion:232 Resp: 5125
Ion Ratio Lower Upper
232 100
131 36.5 29.3 43.9
130 3.1 1.7 2.5
166 24.3 21.0 31.6

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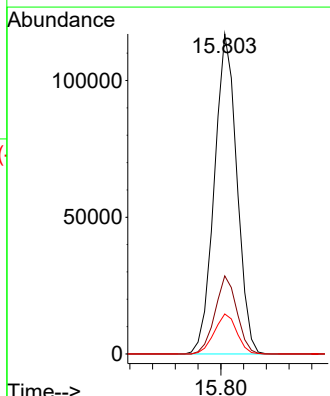
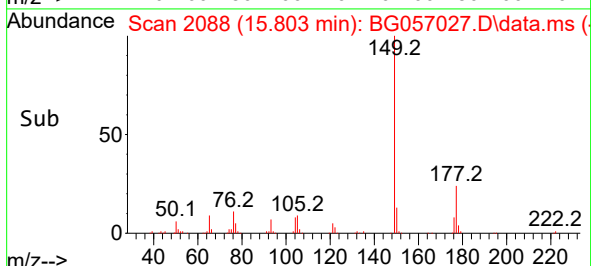
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

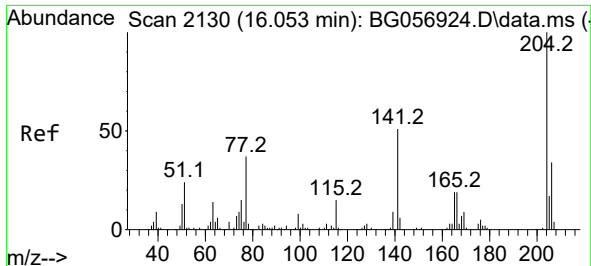


#60
Diethylphthalate
Concen: 44.192 ng
RT: 15.803 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17



Tgt Ion:149 Resp: 161044
Ion Ratio Lower Upper
149 100
177 24.4 18.8 28.2
150 12.5 9.4 14.2





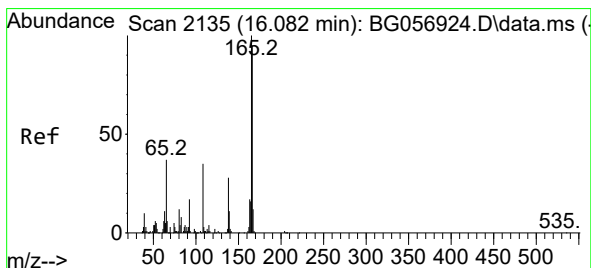
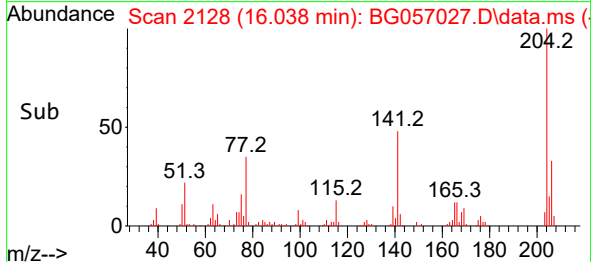
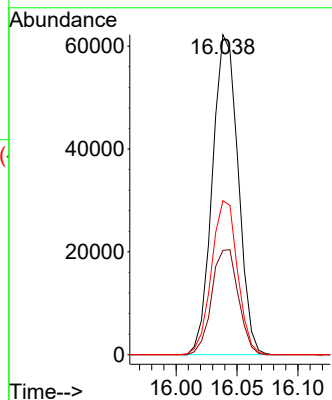
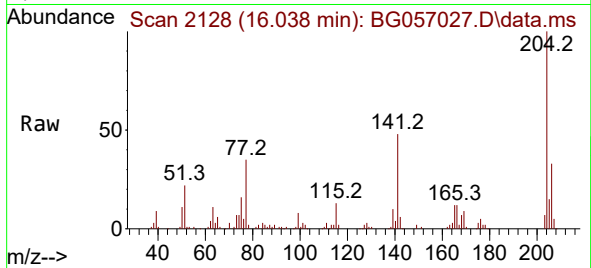
#61
4-Chlorophenyl-phenylether
Concen: 44.263 ng
RT: 16.038 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

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

Tgt Ion:204 Resp: 91354
Ion Ratio Lower Upper
204 100
206 32.6 27.2 40.8
141 48.1 40.7 61.1

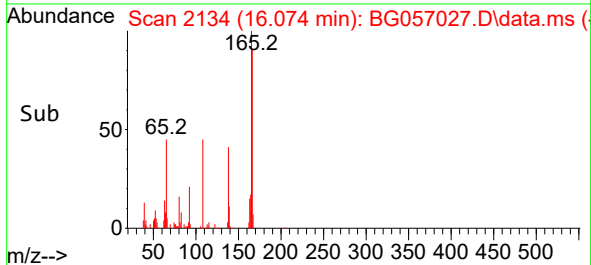
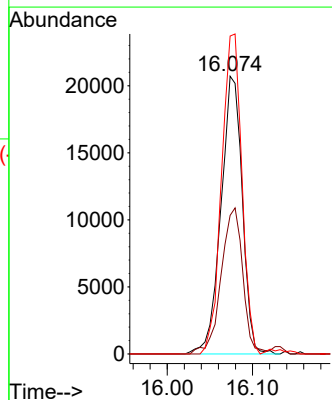
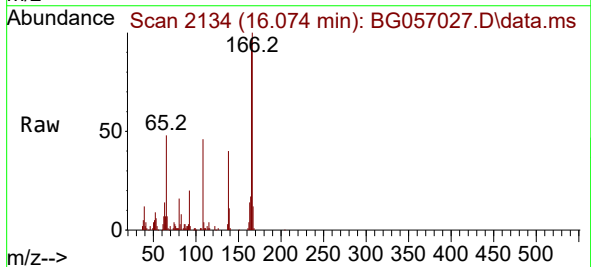
Manual Integrations
APPROVED

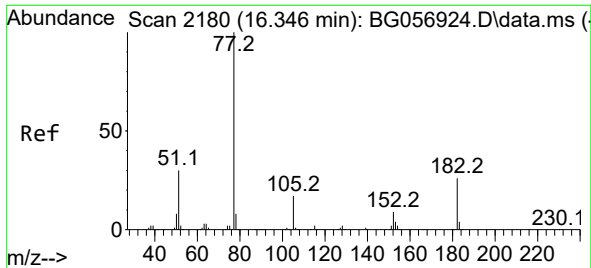
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#62
4-Nitroaniline
Concen: 44.619 ng
RT: 16.074 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

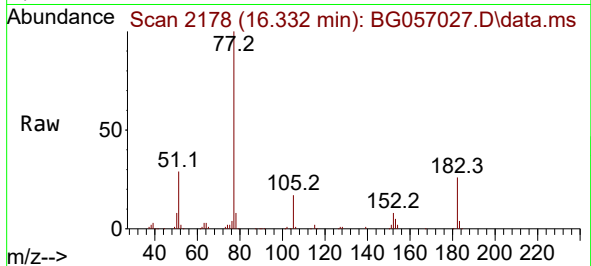
Tgt Ion:138 Resp: 35938
Ion Ratio Lower Upper
138 100
92 49.9 40.9 80.9
108 114.4 104.3 144.3





#63
Azobenzene
Concen: 48.435 ng
RT: 16.332 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

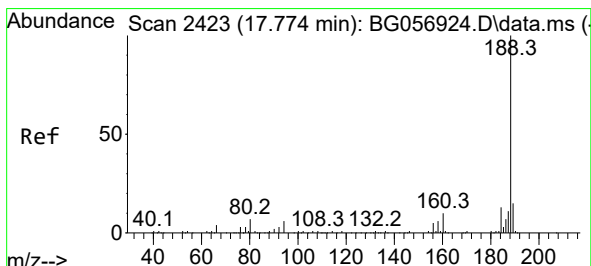
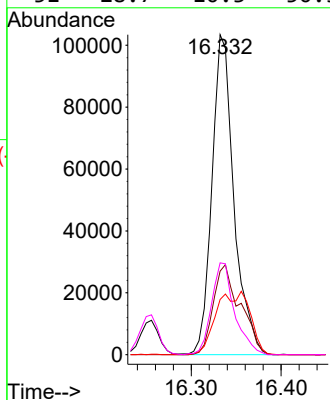
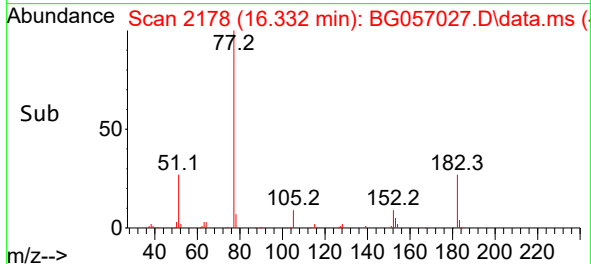
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



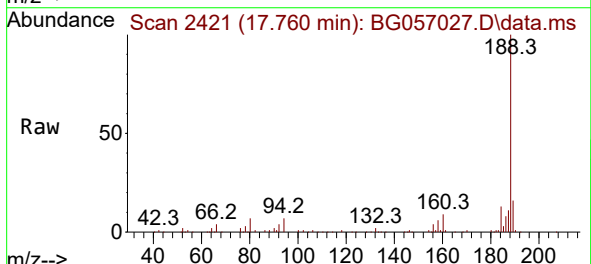
Tgt Ion: 77 Resp: 175902
Ion Ratio Lower Upper
77 100
182 26.1 5.9 45.9
105 17.2 0.0 36.8
51 28.7 10.3 50.3

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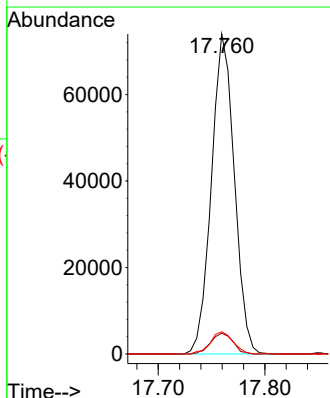
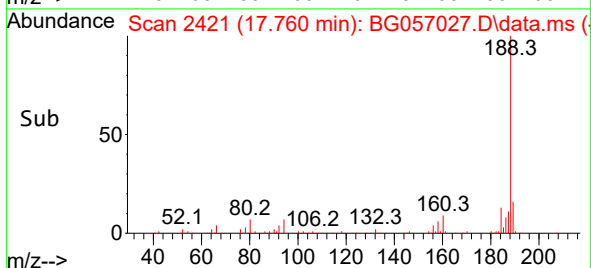
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

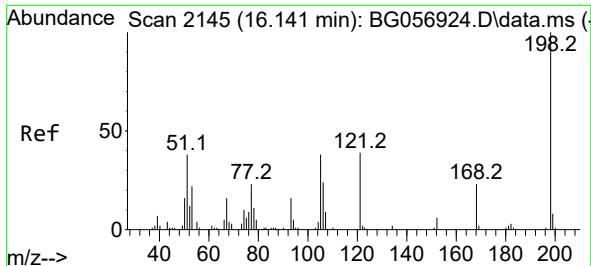


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.760 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17



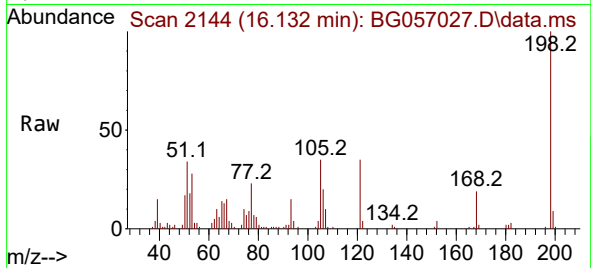
Tgt Ion:188 Resp: 110496
Ion Ratio Lower Upper
188 100
94 6.5 4.6 6.8
80 6.9 5.5 8.3





#65
4,6-Dinitro-2-methylphenol
Concen: 52.828 ng
RT: 16.132 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

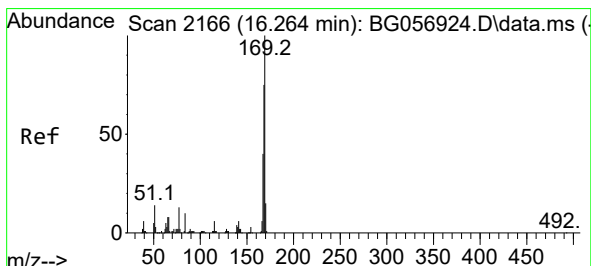
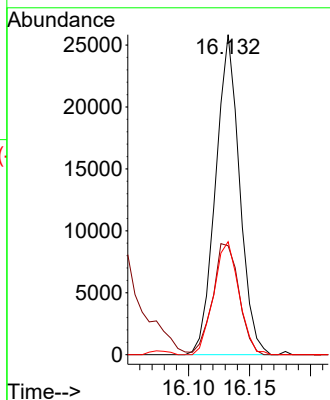
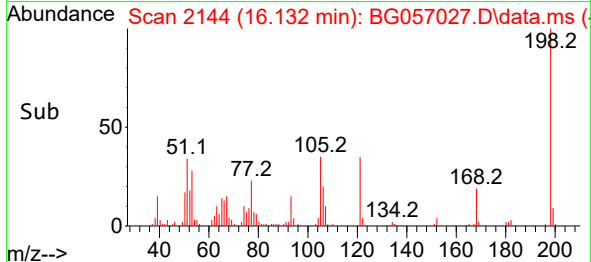
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



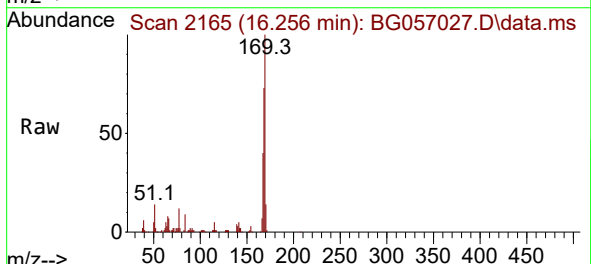
Tgt Ion:198 Resp: 3535
Ion Ratio Lower Upper
198 100
51 34.1 20.5 60.5
105 35.3 18.1 58.1

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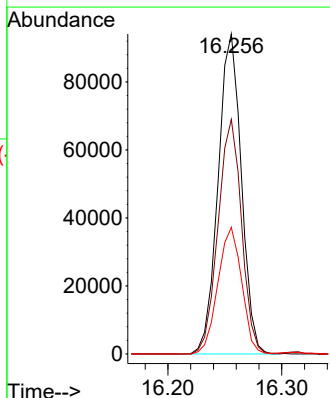
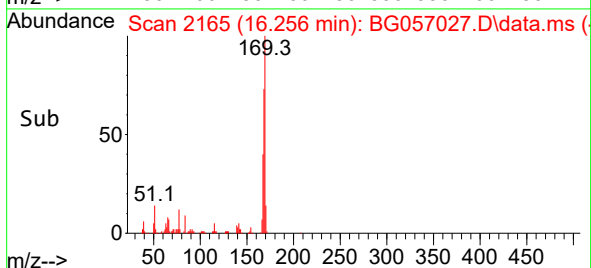
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

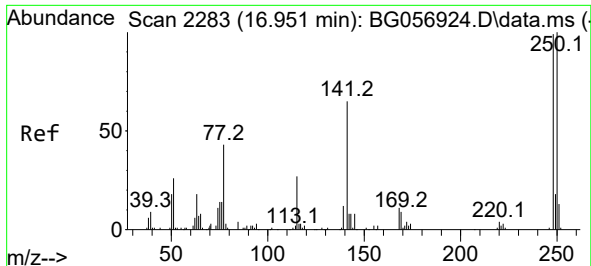


#66
n-Nitrosodiphenylamine
Concen: 45.066 ng
RT: 16.256 min Scan# 2165
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17



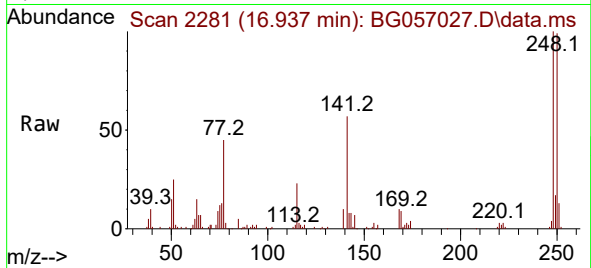
Tgt Ion:169 Resp: 133675
Ion Ratio Lower Upper
169 100
168 73.3 59.6 89.4
167 39.5 31.8 47.8





#67
4-Bromophenyl-phenylether
Concen: 44.159 ng
RT: 16.937 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

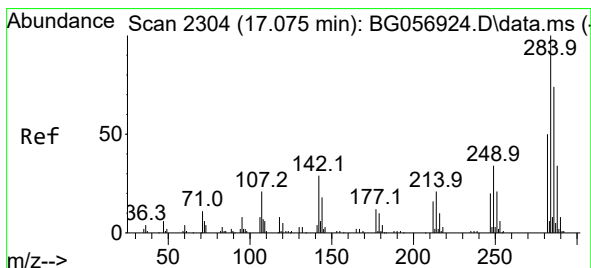
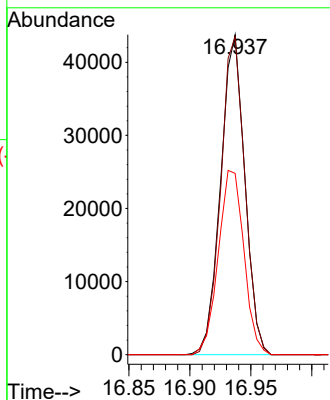
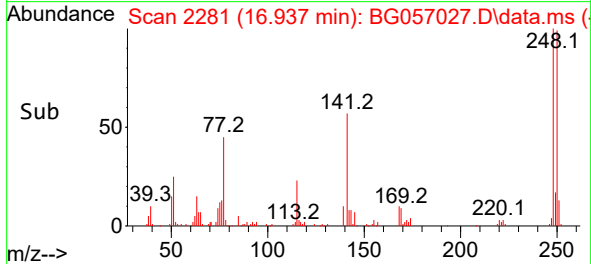
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



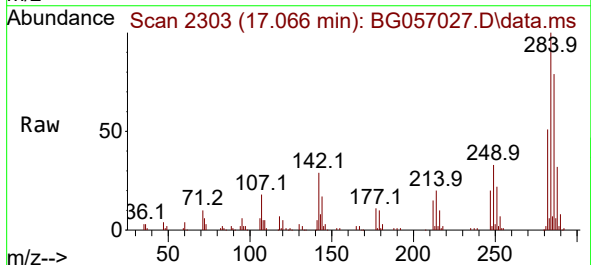
Tgt Ion:248 Resp: 6037
Ion Ratio Lower Upper
248 100
250 99.2 80.5 120.7
141 56.7 52.0 78.0

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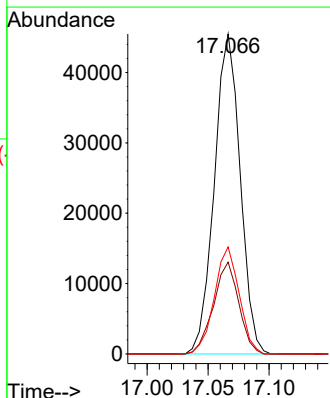
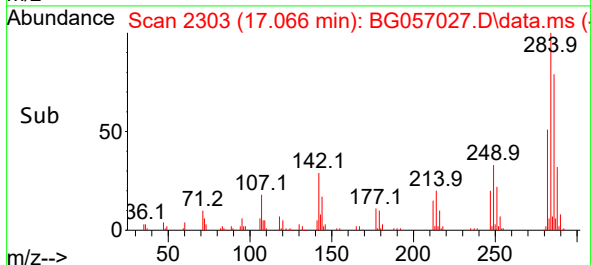
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

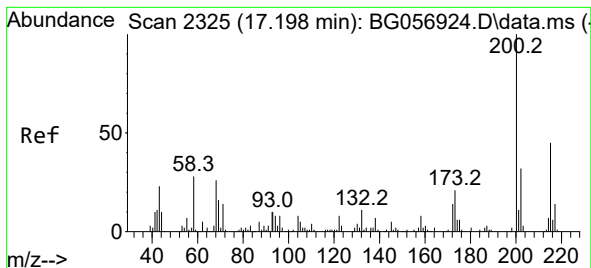


#68
Hexachlorobenzene
Concen: 49.545 ng
RT: 17.066 min Scan# 2303
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17



Tgt Ion:284 Resp: 66969
Ion Ratio Lower Upper
284 100
142 28.7 23.0 34.4
249 33.5 27.1 40.7





#69

Atrazine

Concen: 48.539 ng

RT: 17.184 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057027.D

Acq: 7 Apr 2023 15:17

Instrument :

BNA_G

ClientSampleId :

E-H4(ELEV-24)MSD

Tgt Ion:200 Resp: 5976

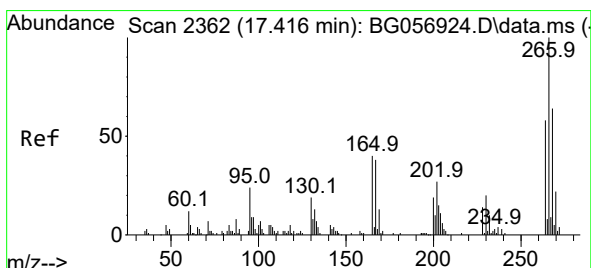
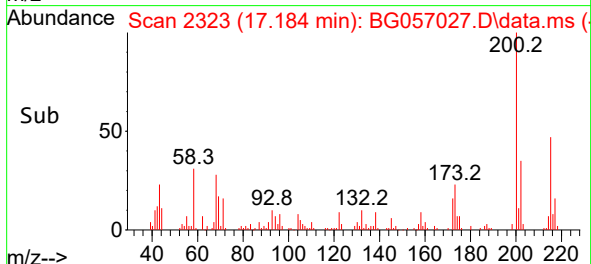
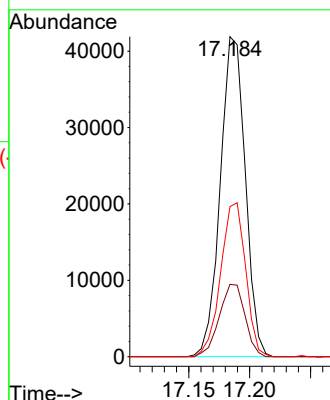
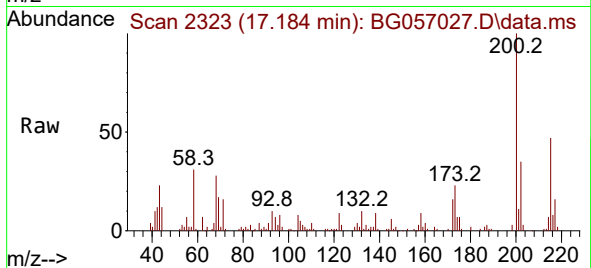
Ion	Ratio	Lower	Upper
200	100		
173	22.6	1.0	41.0
215	46.9	25.0	65.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/10/2023

Supervised By :Jagrut Upadhyay 04/10/2023



#70

Pentachlorophenol

Concen: 83.290 ng

RT: 17.407 min Scan# 2361

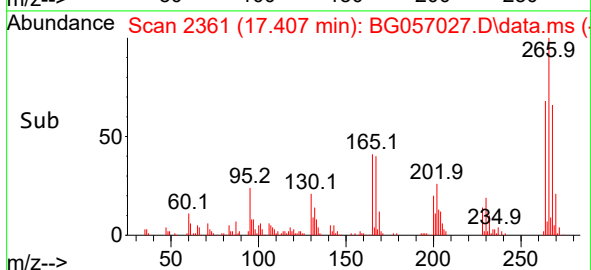
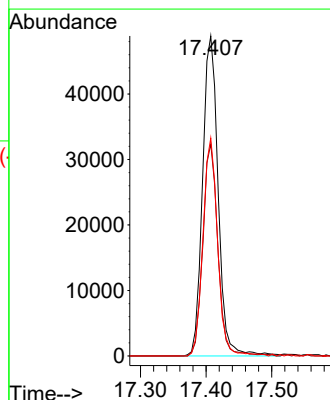
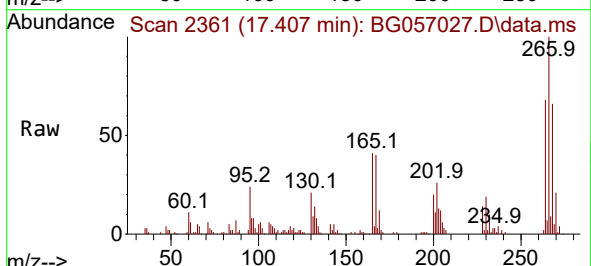
Delta R.T. -0.000 min

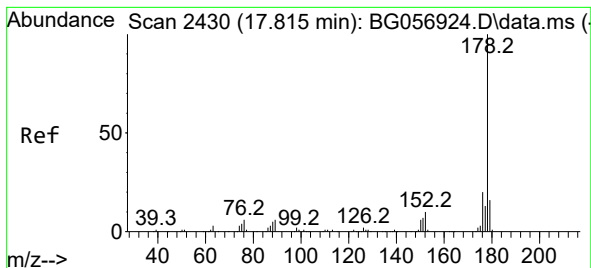
Lab File: BG057027.D

Acq: 7 Apr 2023 15:17

Tgt Ion:266 Resp: 80767

Ion	Ratio	Lower	Upper
266	100		
268	66.3	51.0	76.6
264	68.1	46.8	70.2





#71

Phenanthrene

Concen: 45.711 ng

RT: 17.807 min Scan# 2429

Delta R.T. -0.000 min

Lab File: BG057027.D

Acq: 7 Apr 2023 15:17

Instrument :

BNA_G

ClientSampleId :

E-H4(ELEV-24)MSD

Tgt Ion:178 Resp: 257520

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.2

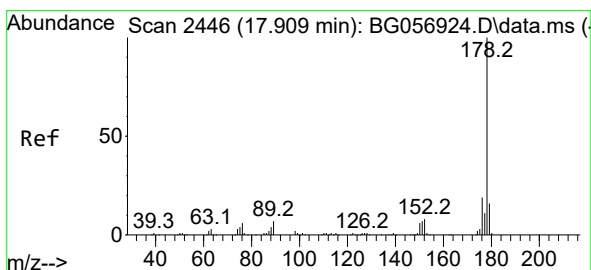
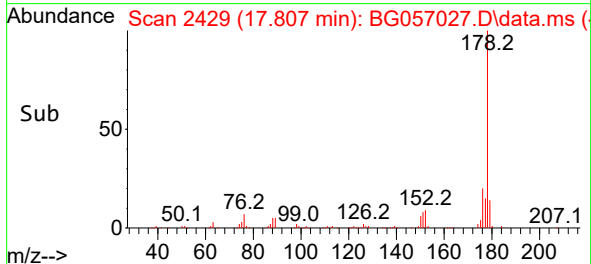
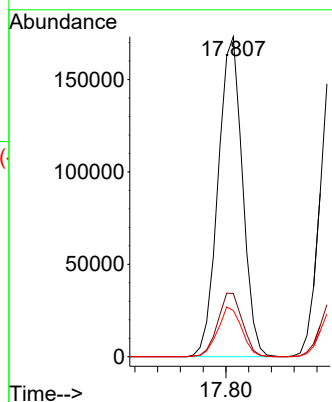
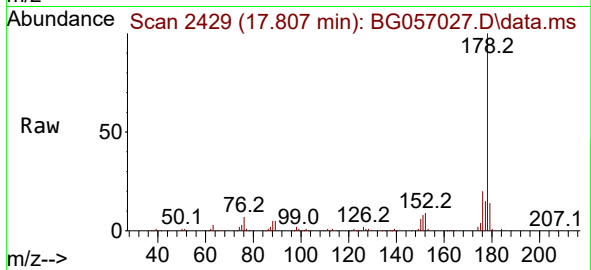
179 14.5 12.5 18.7

Manual Integrations

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Reviewed By :Christian Giraldo 04/10/2023

Supervised By :Jagrut Upadhyay 04/10/2023



#72

Anthracene

Concen: 45.535 ng

RT: 17.895 min Scan# 2444

Delta R.T. -0.000 min

Lab File: BG057027.D

Acq: 7 Apr 2023 15:17

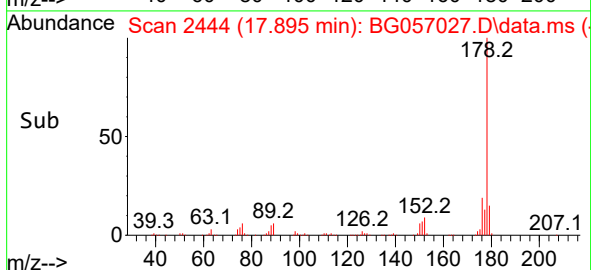
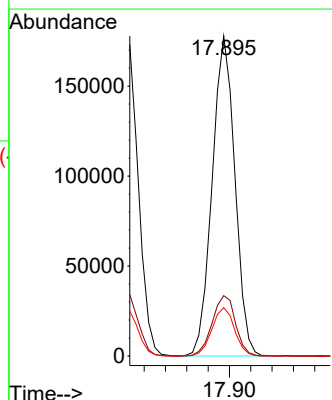
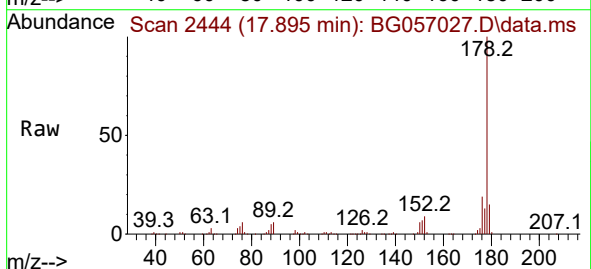
Tgt Ion:178 Resp: 262976

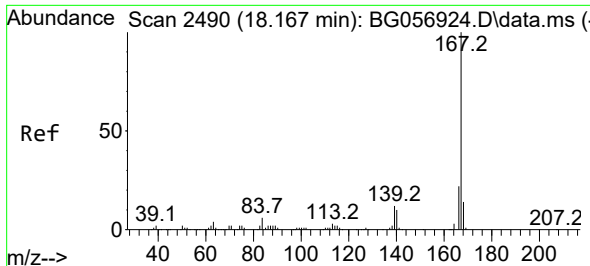
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

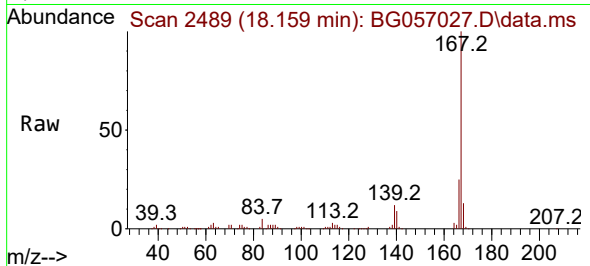
179 15.1 12.4 18.6





#73
 Carbazole
 Concen: 46.000 ng
 RT: 18.159 min Scan# 2490
 Delta R.T. -0.000 min
 Lab File: BG057027.D
 Acq: 7 Apr 2023 15:17

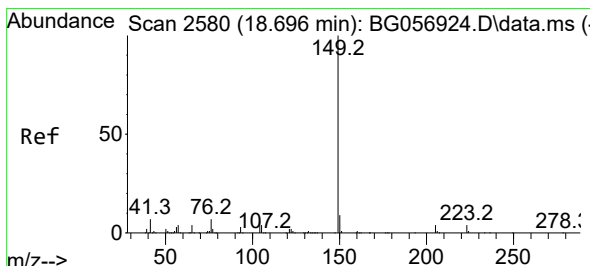
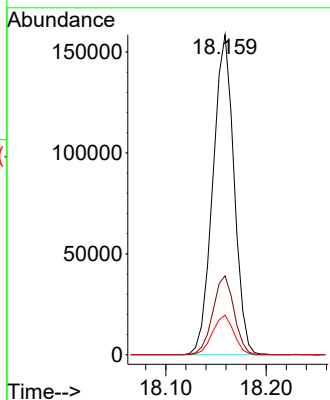
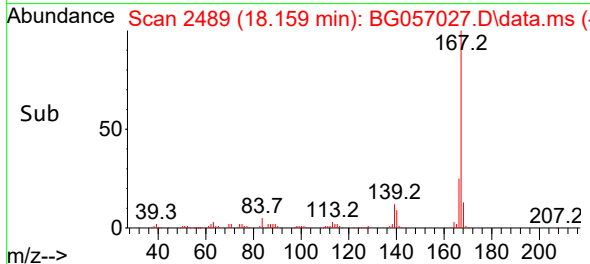
Instrument :
 BNA_G
 ClientSampleId :
 E-H4(ELEV-24)MSD



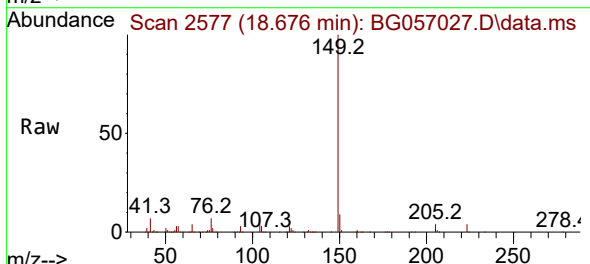
Tgt Ion:167 Resp: 231618
 Ion Ratio Lower Upper
 167 100
 166 24.7 17.9 26.9
 139 12.3 9.5 14.3

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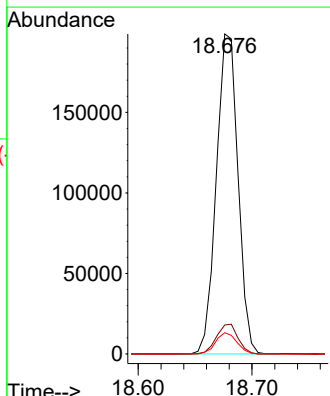
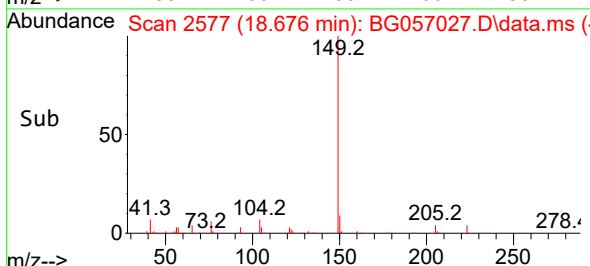
Reviewed By :Christian Giraldo 04/10/2023
 Supervised By :Jagrut Upadhyay 04/10/2023

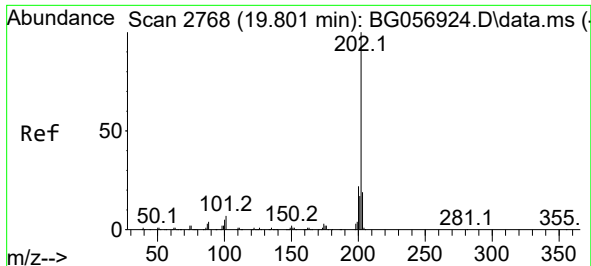


#74
 Di-n-butylphthalate
 Concen: 45.122 ng
 RT: 18.676 min Scan# 2577
 Delta R.T. -0.006 min
 Lab File: BG057027.D
 Acq: 7 Apr 2023 15:17



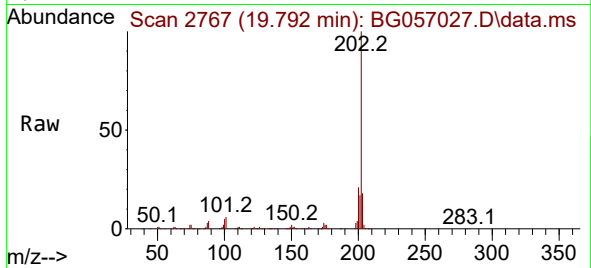
Tgt Ion:149 Resp: 263092
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 6.7 4.9 7.3





#75
Fluoranthene
Concen: 42.744 ng
RT: 19.792 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

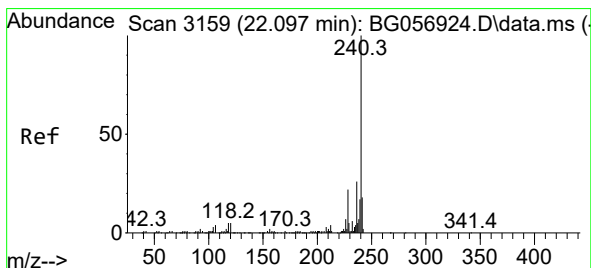
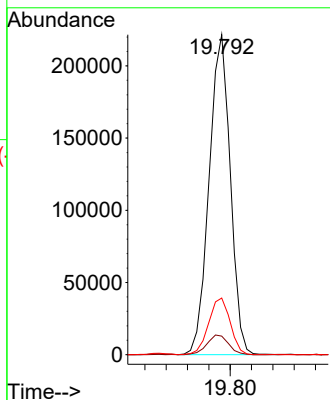
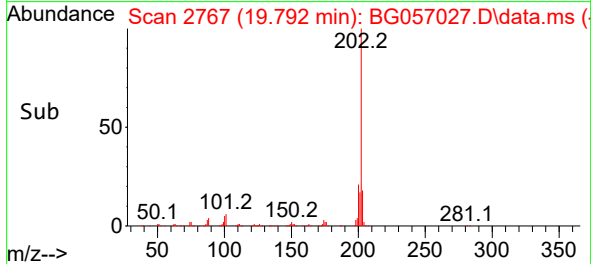
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



Tgt Ion:202 Resp: 30525
Ion Ratio Lower Upper
202 100
101 5.8 0.0 26.7
203 17.7 0.0 39.0

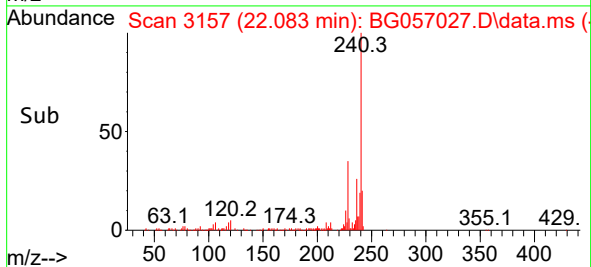
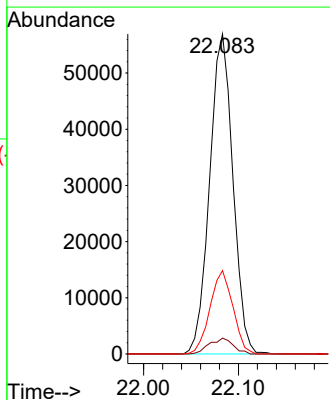
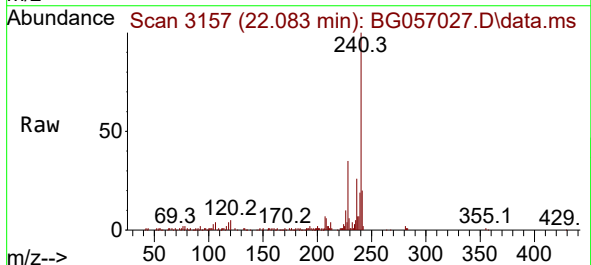
Manual Integrations
APPROVED

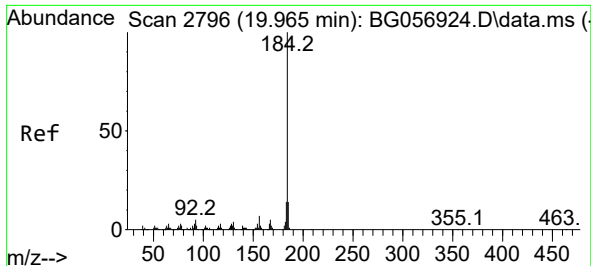
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.083 min Scan# 3157
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

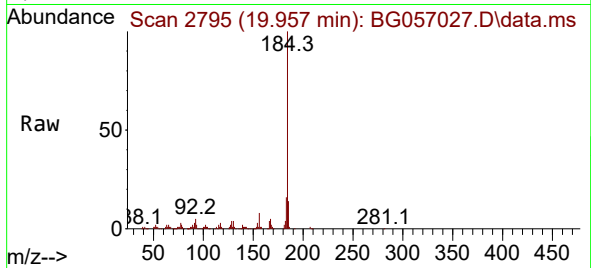
Tgt Ion:240 Resp: 96904
Ion Ratio Lower Upper
240 100
120 5.0 3.8 5.6
236 26.1 21.0 31.6





#77
Benzidine
Concen: 65.460 ng
RT: 19.957 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

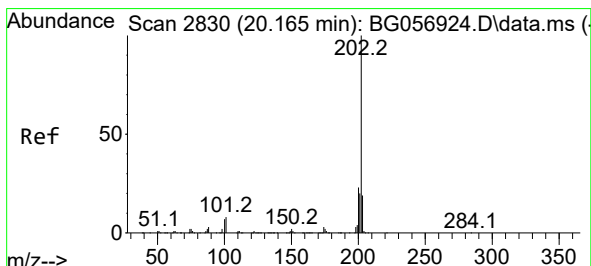
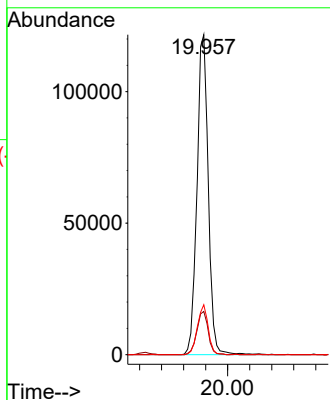
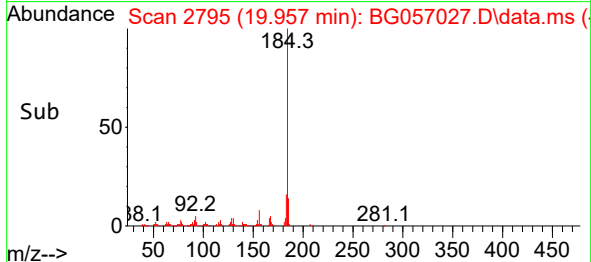
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



Tgt Ion:184 Resp: 173384
Ion Ratio Lower Upper
184 100
185 13.5 11.0 16.4
183 15.6 11.4 17.0

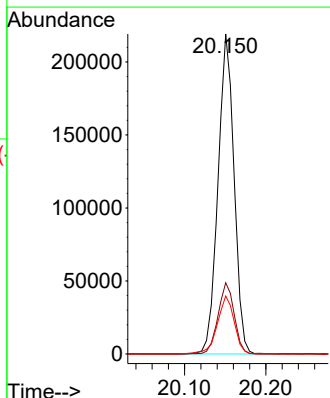
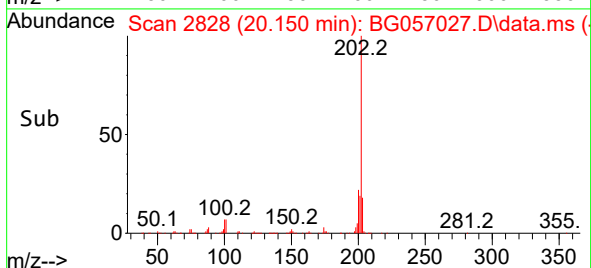
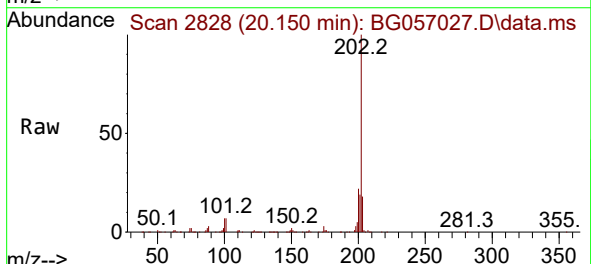
Manual Integrations
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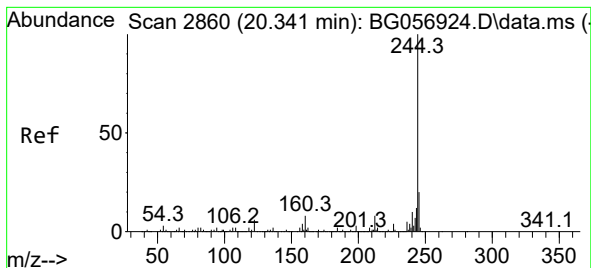
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#78
Pyrene
Concen: 45.092 ng
RT: 20.150 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

Tgt Ion:202 Resp: 302221
Ion Ratio Lower Upper
202 100
200 22.2 18.7 28.1
203 18.1 15.4 23.2





#79

Terphenyl-d14

Concen: 67.064 ng

RT: 20.327 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG057027.D

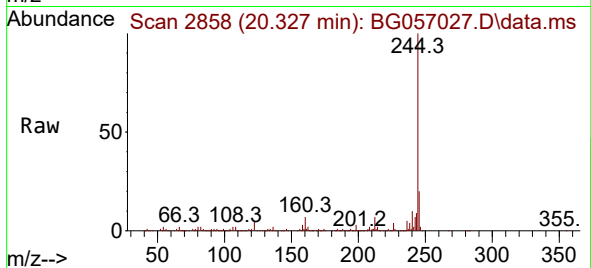
Acq: 7 Apr 2023 15:17

Instrument :

BNA_G

ClientSampleId :

E-H4(ELEV-24)MSD



Tgt Ion:244 Resp: 384054

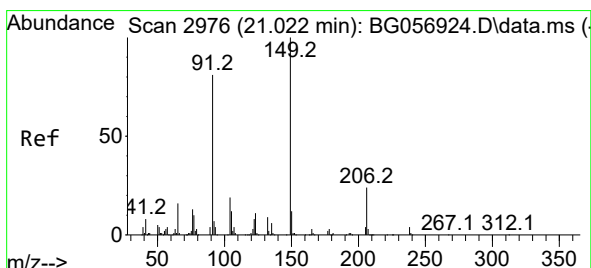
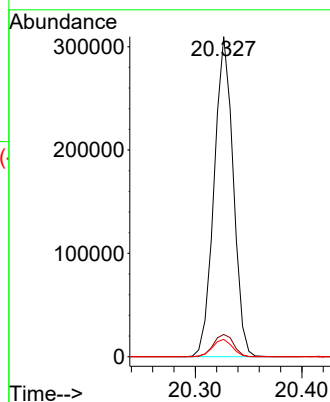
Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	5.4	5.0	7.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/10/2023

Supervised By :Jagrut Upadhyay 04/10/2023



#80

Butylbenzylphthalate

Concen: 46.714 ng

RT: 21.008 min Scan# 2974

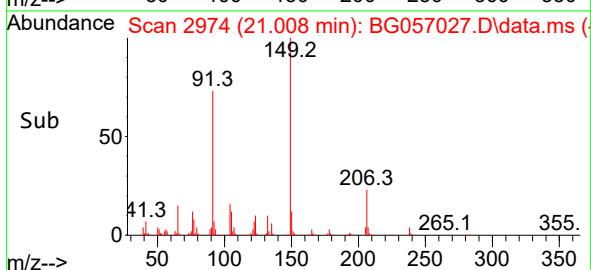
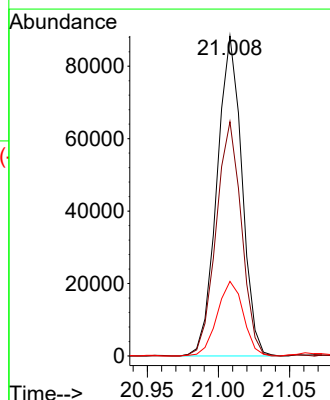
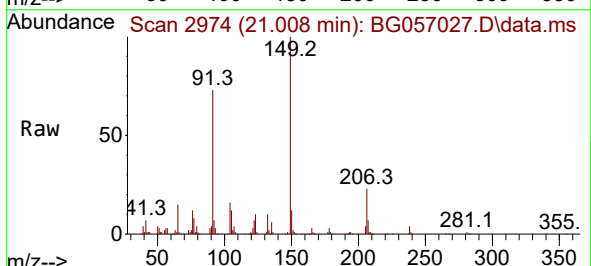
Delta R.T. -0.000 min

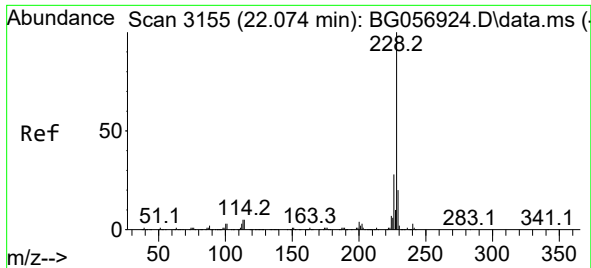
Lab File: BG057027.D

Acq: 7 Apr 2023 15:17

Tgt Ion:149 Resp: 107741

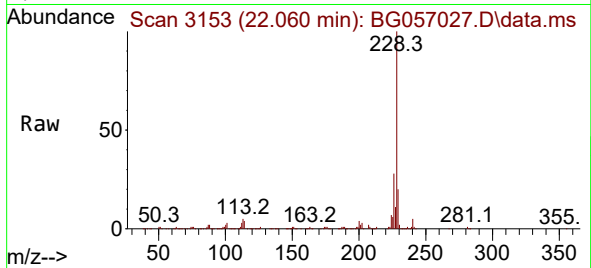
Ion	Ratio	Lower	Upper
149	100		
91	73.2	64.4	96.6
206	23.3	18.9	28.3





#81
Benzo(a)anthracene
Concen: 44.249 ng
RT: 22.060 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

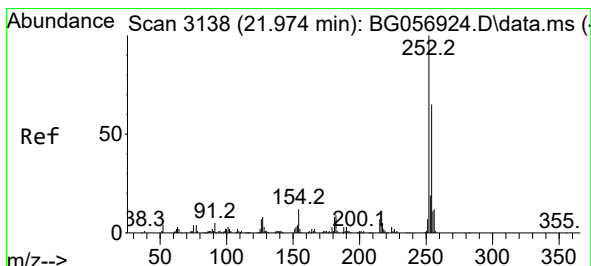
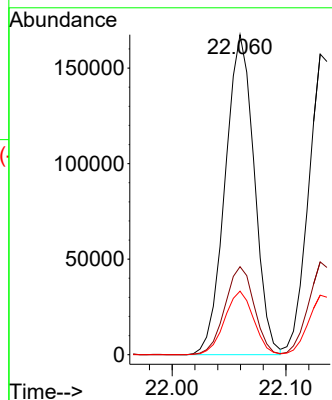
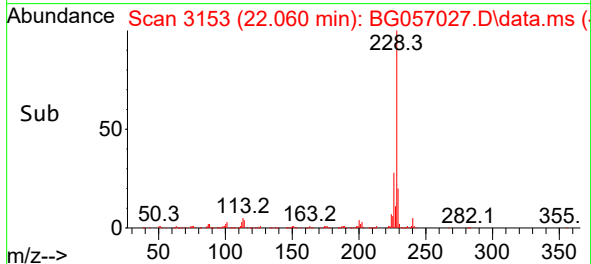
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



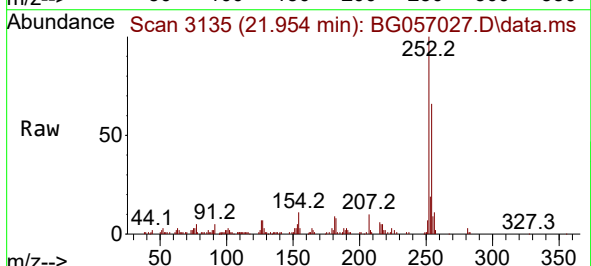
Tgt Ion:228 Resp: 296720
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 19.9 16.1 24.1

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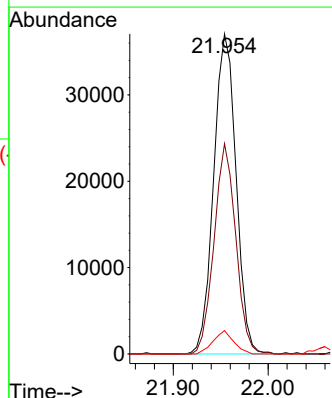
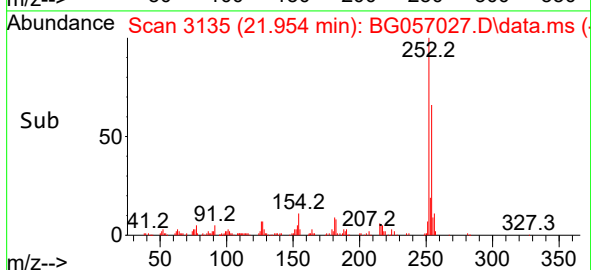
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

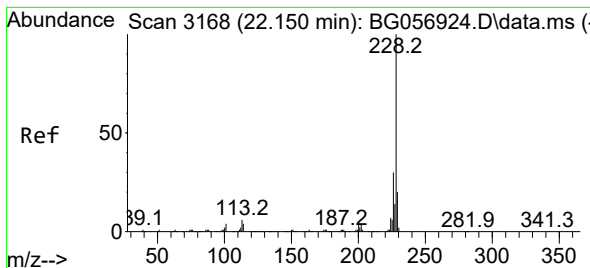


#82
3,3'-Dichlorobenzidine
Concen: 26.868 ng
RT: 21.954 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17



Tgt Ion:252 Resp: 60839
Ion Ratio Lower Upper
252 100
254 65.7 51.7 77.5
126 7.3 5.6 8.4





#83

Chrysene

Concen: 43.603 ng

RT: 22.130 min Scan# 3165

Delta R.T. -0.006 min

Lab File: BG057027.D

Acq: 7 Apr 2023 15:17

Instrument :

BNA_G

ClientSampleId :

E-H4(ELEV-24)MSD

Tgt Ion:228 Resp: 273770

Ion Ratio Lower Upper

228 100

226 30.8 24.1 36.1

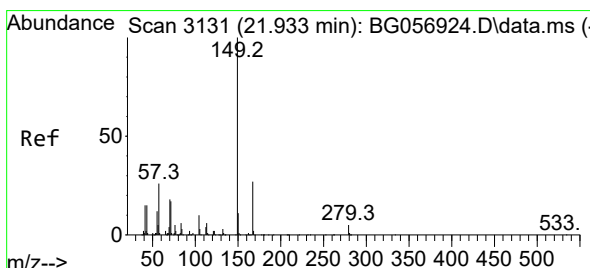
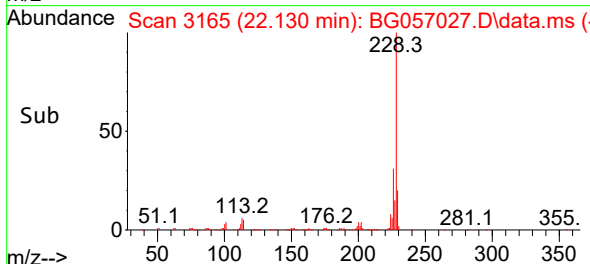
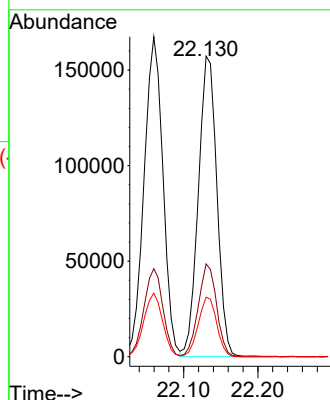
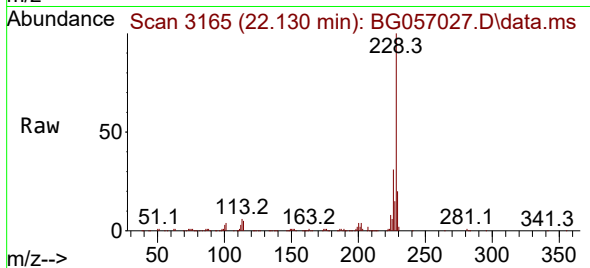
229 19.8 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/10/2023

Supervised By :Jagrut Upadhyay 04/10/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.395 ng

RT: 21.913 min Scan# 3128

Delta R.T. -0.000 min

Lab File: BG057027.D

Acq: 7 Apr 2023 15:17

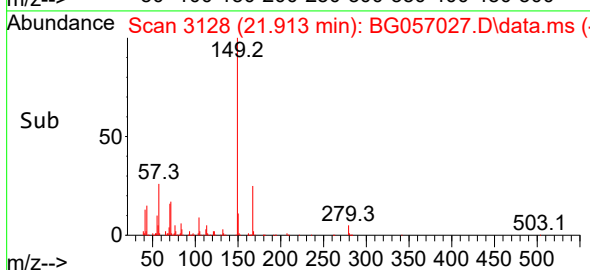
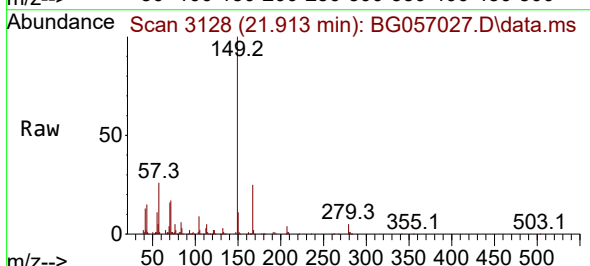
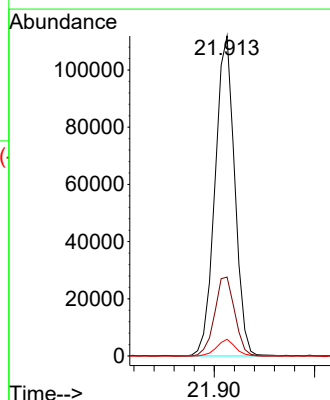
Tgt Ion:149 Resp: 151608

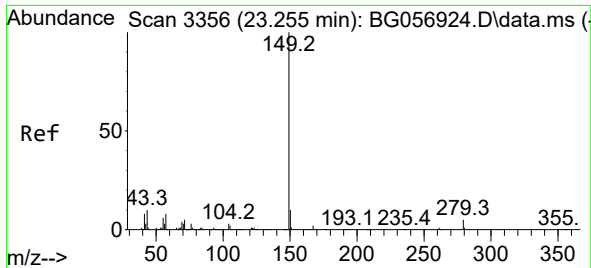
Ion Ratio Lower Upper

149 100

167 24.7 21.4 32.2

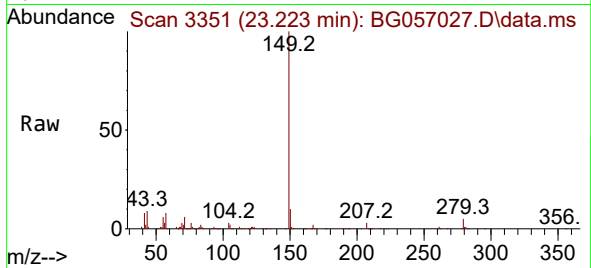
279 5.2 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 45.434 ng
RT: 23.223 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

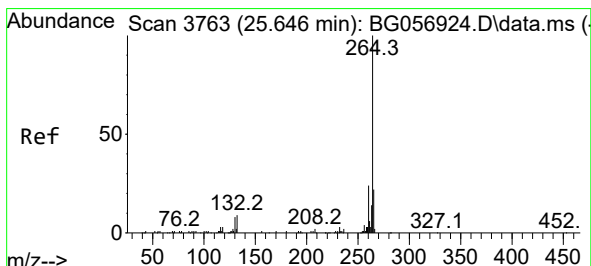
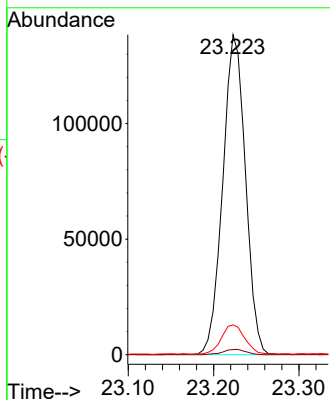
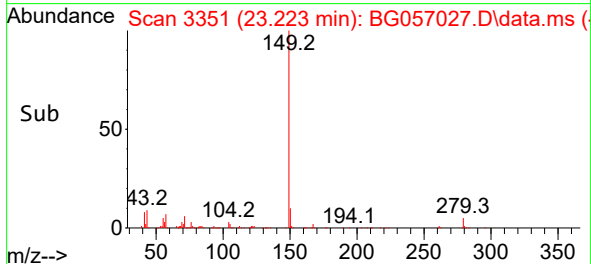
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



Tgt Ion:149 Resp: 255708
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.7 7.9 11.9

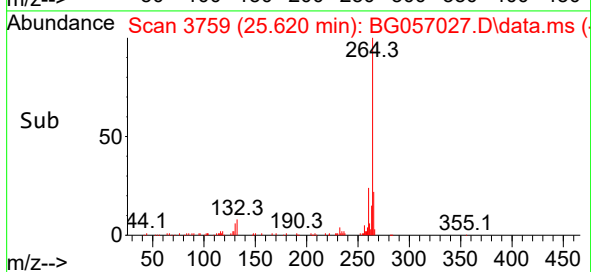
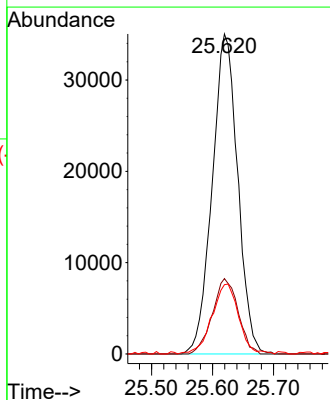
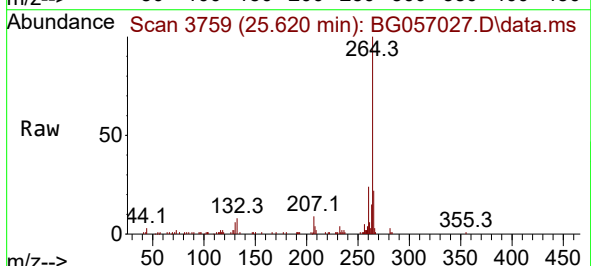
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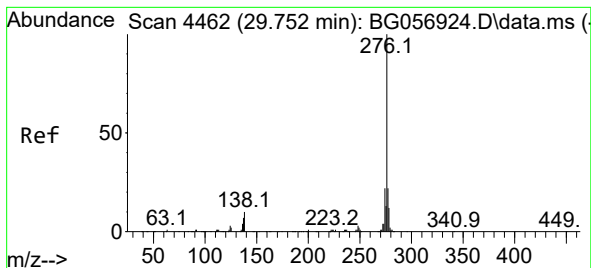
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.620 min Scan# 3759
Delta R.T. -0.012 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

Tgt Ion:264 Resp: 101640
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 21.7 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.434 ng

RT: 29.720 min Scan# 4462

Delta R.T. -0.006 min

Lab File: BG057027.D

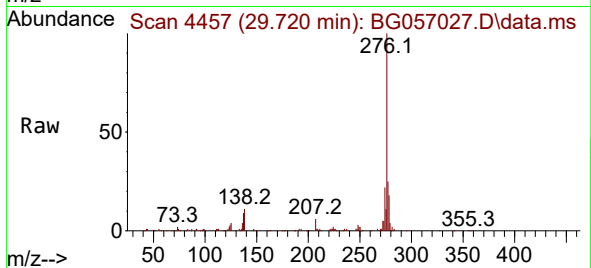
Acq: 7 Apr 2023 15:17

Instrument :

BNA_G

ClientSampleId :

E-H4(ELEV-24)MSD



Tgt Ion:276 Resp: 34879

Ion Ratio Lower Upper

276 100

138 6.5 7.7 11.5

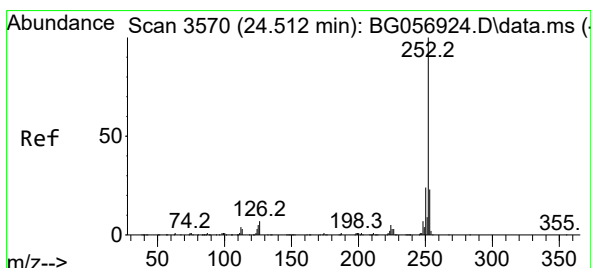
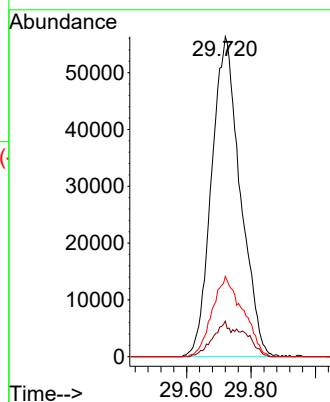
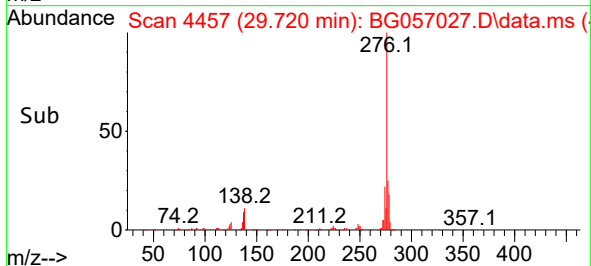
277 26.8 21.0 31.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/10/2023

Supervised By :Jagrut Upadhyay 04/10/2023



#88

Benzo(b)fluoranthene

Concen: 48.703 ng

RT: 24.492 min Scan# 3567

Delta R.T. -0.000 min

Lab File: BG057027.D

Acq: 7 Apr 2023 15:17

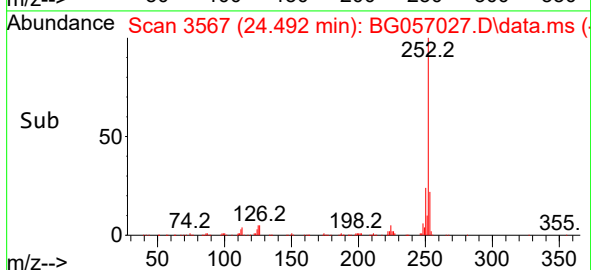
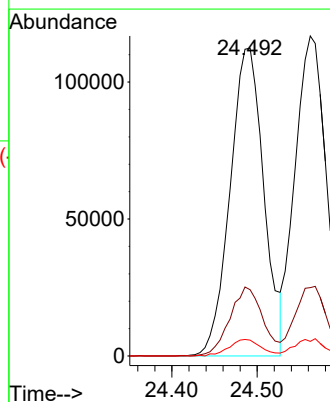
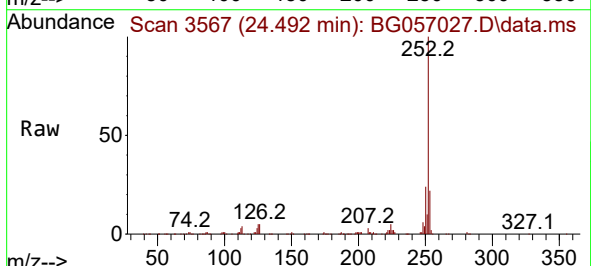
Tgt Ion:252 Resp: 309550

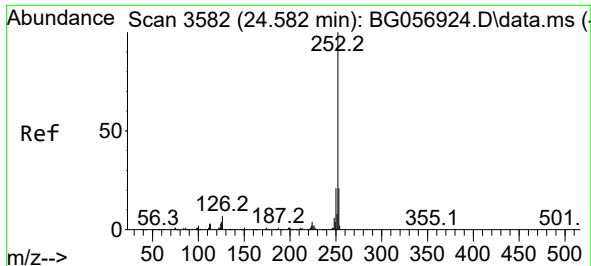
Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

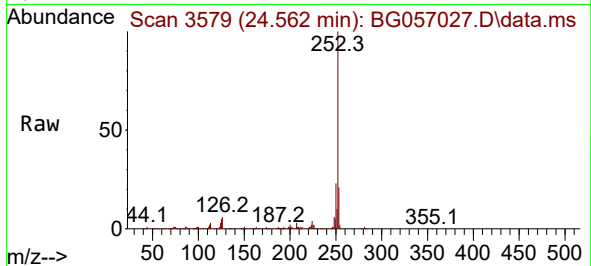
125 5.1 4.2 6.4





#89
Benzo(k)fluoranthene
Concen: 46.310 ng
RT: 24.562 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

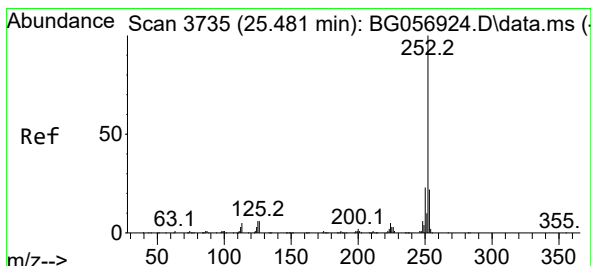
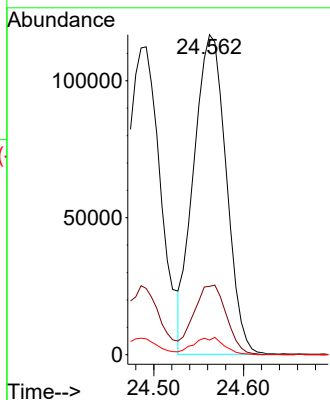
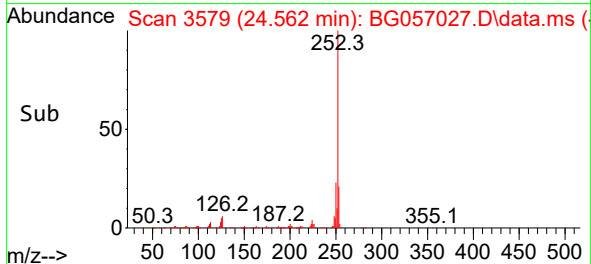
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



Tgt Ion:252 Resp: 293849
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 4.5 3.8 5.6

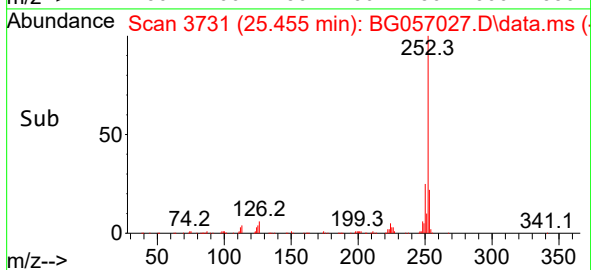
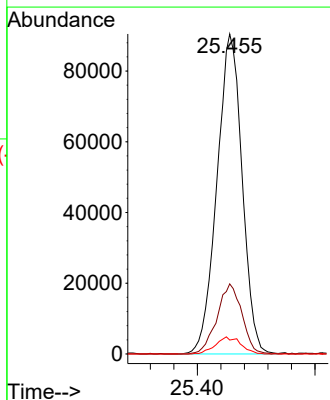
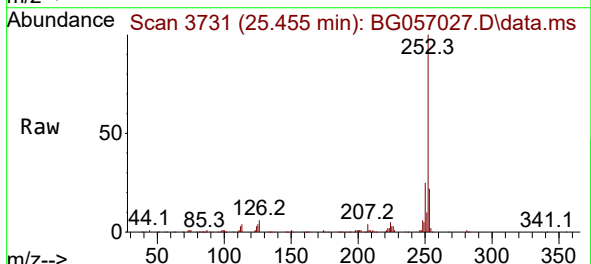
Manual Integrations
APPROVED

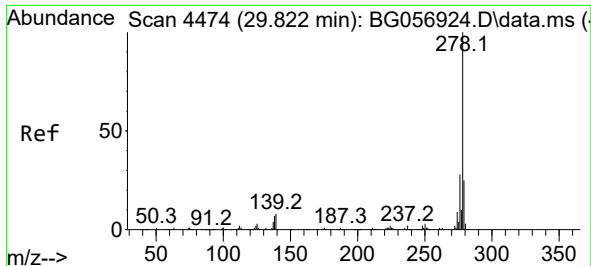
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#90
Benzo(a)pyrene
Concen: 42.942 ng
RT: 25.455 min Scan# 3731
Delta R.T. -0.006 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

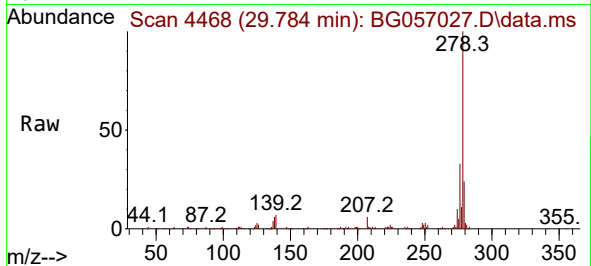
Tgt Ion:252 Resp: 268199
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 4.4 4.5 6.7#





#91
Dibenzo(a,h)anthracene
Concen: 46.937 ng
RT: 29.784 min Scan# 4474
Delta R.T. -0.000 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17

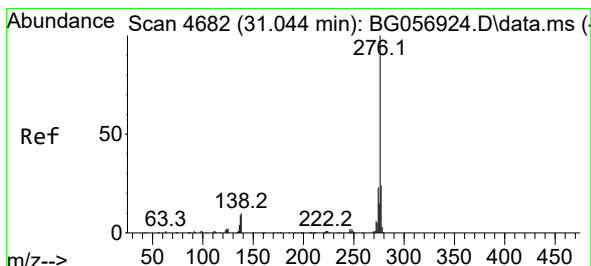
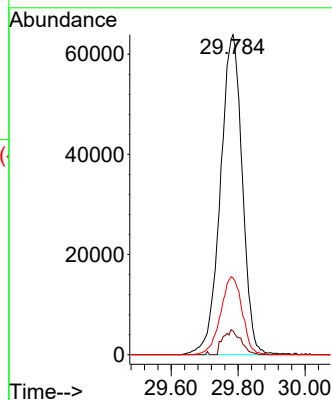
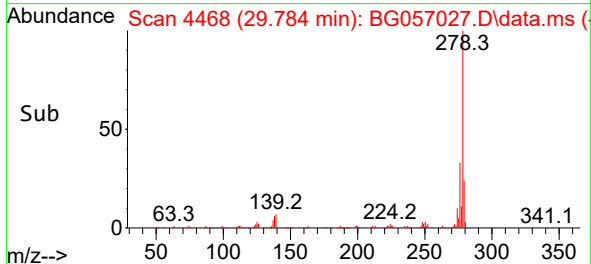
Instrument :
BNA_G
ClientSampleId :
E-H4(ELEV-24)MSD



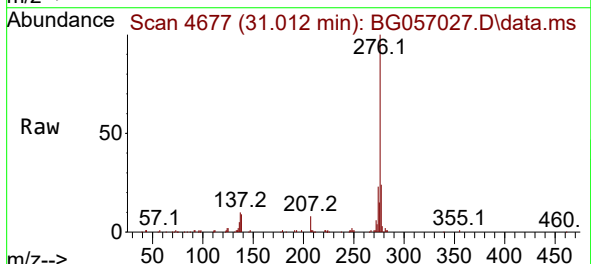
Tgt Ion:278 Resp: 28981
Ion Ratio Lower Upper
278 100
139 7.4 6.4 9.6
279 24.0 20.2 30.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 45.905 ng
RT: 31.012 min Scan# 4677
Delta R.T. -0.006 min
Lab File: BG057027.D
Acq: 7 Apr 2023 15:17



Tgt Ion:276 Resp: 277544
Ion Ratio Lower Upper
276 100
277 24.3 19.1 28.7
138 8.9 8.2 12.2

