

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057428.D
 Acq On : 13 May 2023 5:25
 Operator : CG/JU
 Sample : PB152629BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152629BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/15/2023
 Supervised By : Yogesh Patel 05/16/2023

Quant Time: May 13 06:09:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.363	152	16587	20.000	ng	0.00
21) Naphthalene-d8	11.200	136	70620	20.000	ng	0.00
39) Acenaphthene-d10	14.978	164	56185	20.000	ng	0.00
64) Phenanthrene-d10	17.715	188	141462	20.000	ng	0.00
76) Chrysene-d12	22.027	240	126930	20.000	ng	0.00
86) Perylene-d12	25.528	264	134819	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.878	112	155338	160.199	ng	0.00
7) Phenol-d6	7.505	99	231381	157.139	ng	0.00
23) Nitrobenzene-d5	9.544	82	142819	84.880	ng	0.00
42) 2,4,6-Tribromophenol	16.464	330	125904	157.932	ng	0.00
45) 2-Fluorobiphenyl	13.603	172	382625	91.718	ng	0.00
79) Terphenyl-d14	20.288	244	742156	95.418	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.669	88	14495	36.154	ng	97
3) Pyridine	4.098	79	39513	30.667	ng	95
4) n-Nitrosodimethylamine	4.004	42	24515	40.488	ng	# 100
6) Aniline	7.676	93	59532	31.870	ng	98
8) 2-Chlorophenol	7.922	128	56224	54.874	ng	96
9) Benzaldehyde	7.488	77	14108	13.430	ng	97
10) Phenol	7.535	94	75926	52.896	ng	100
11) bis(2-Chloroethyl)ether	7.764	93	48911	45.189	ng	96
12) 1,3-Dichlorobenzene	8.251	146	55120	48.742	ng	97
13) 1,4-Dichlorobenzene	8.398	146	58082	51.133	ng	98
14) 1,2-Dichlorobenzene	8.721	146	55723	50.816	ng	97
15) Benzyl Alcohol	8.598	79	61218	49.906	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.880	45	59100m	43.322	ng	
17) 2-Methylphenol	8.804	107	52884	51.111	ng	98
18) Hexachloroethane	9.461	117	20388	49.736	ng	93
19) n-Nitroso-di-n-propyla...	9.168	70	47599	42.394	ng	98
20) 3+4-Methylphenols	9.133	107	72987	51.516	ng	93
22) Acetophenone	9.191	105	88939	44.002	ng	# 97
24) Nitrobenzene	9.585	77	71726	42.234	ng	94
25) Isophorone	10.102	82	131910	40.429	ng	98
26) 2-Nitrophenol	10.307	139	33037	50.822	ng	93
27) 2,4-Dimethylphenol	10.349	122	59273	52.073	ng	97
28) bis(2-Chloroethoxy)met...	10.578	93	71792	43.922	ng	98
29) 2,4-Dichlorophenol	10.842	162	65801	54.503	ng	92
30) 1,2,4-Trichlorobenzene	11.059	180	65123	46.767	ng	99
31) Naphthalene	11.253	128	171920	45.537	ng	97
32) Benzoic acid	10.507	122	34047	51.491	ng	92
33) 4-Chloroaniline	11.353	127	35400	20.879	ng	99
34) Hexachlorobutadiene	11.523	225	47415	45.889	ng	97
35) Caprolactam	12.123	113	21168m	51.329	ng	
36) 4-Chloro-3-methylphenol	12.457	107	71572	52.167	ng	99
37) 2-Methylnaphthalene	12.827	142	132476	44.629	ng	95
38) 1-Methylnaphthalene	13.045	142	125009	44.680	ng	99
40) 1,2,4,5-Tetrachloroben...	13.192	216	95095	47.676	ng	98
41) Hexachlorocyclopentadiene	13.162	237	90143	92.918	ng	99
43) 2,4,6-Trichlorophenol	13.427	196	61410	50.535	ng	98

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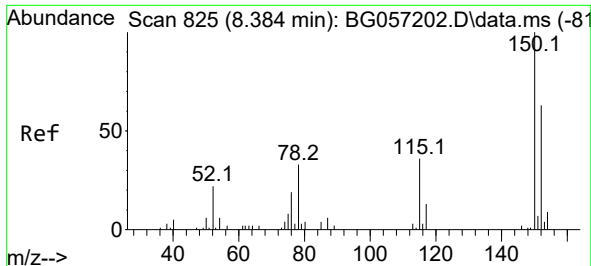
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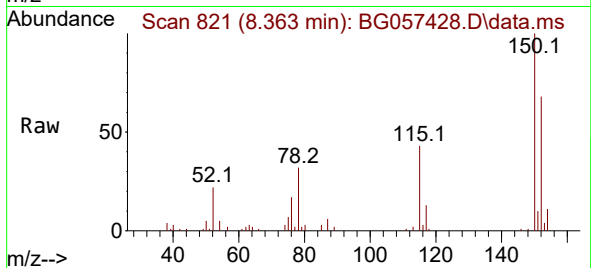
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.503	196	66813	46.742	ng	97
46) 1,1'-Biphenyl	13.814	154	194944	46.759	ng	98
47) 2-Chloronaphthalene	13.867	162	148054	47.755	ng	99
48) 2-Nitroaniline	14.067	65	48147	45.674	ng	92
49) Acenaphthylene	14.707	152	233530	46.365	ng	100
50) Dimethylphthalate	14.414	163	206191	44.659	ng	99
51) 2,6-Dinitrotoluene	14.549	165	45871	48.660	ng	89
52) Acenaphthene	15.042	154	143655	45.643	ng	98
53) 3-Nitroaniline	14.884	138	26079	27.614	ng	90
54) 2,4-Dinitrophenol	15.095	184	61497	103.784	ng	98
55) Dibenzofuran	15.371	168	243825	46.108	ng	100
56) 4-Nitrophenol	15.189	139	63274	100.737	ng	95
57) 2,4-Dinitrotoluene	15.336	165	67190	49.872	ng	94
58) Fluorene	16.017	166	202984	46.600	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.600	232	66915	51.634	ng	99
60) Diethylphthalate	15.759	149	209386	44.657	ng	99
61) 4-Chlorophenyl-phenyle...	16.000	204	119819	45.661	ng	99
62) 4-Nitroaniline	16.041	138	43361	45.512	ng	98
63) Azobenzene	16.293	77	191190	42.261	ng	96
65) 4,6-Dinitro-2-methylph...	16.100	198	46292	54.811	ng	95
66) n-Nitrosodiphenylamine	16.211	169	180132	46.884	ng	98
67) 4-Bromophenyl-phenylether	16.893	248	80990	46.899	ng	98
68) Hexachlorobenzene	17.022	284	86317	51.436	ng	97
69) Atrazine	17.145	200	73148	49.909	ng	98
70) Pentachlorophenol	17.368	266	89733	92.781	ng	97
71) Phenanthrene	17.762	178	342300	47.222	ng	99
72) Anthracene	17.850	178	349727	47.020	ng	99
73) Carbazole	18.114	167	300970	48.065	ng	99
74) Di-n-butylphthalate	18.631	149	337207	46.806	ng	99
75) Fluoranthene	19.748	202	417162	46.271	ng	99
77) Benzidine	19.918	184	95960	33.816	ng	97
78) Pyrene	20.112	202	425459	46.128	ng	99
80) Butylbenzylphthalate	20.964	149	148961	50.900	ng	95
81) Benzo(a)anthracene	22.009	228	423692	46.851	ng	99
82) 3,3'-Dichlorobenzidine	21.903	252	129109	44.572	ng	100
83) Chrysene	22.080	228	384742	45.217	ng	99
84) Bis(2-ethylhexyl)phtha...	21.851	149	214005	49.424	ng	100
85) Di-n-octyl phthalate	23.143	149	359192	49.759	ng	98
87) Indeno(1,2,3-cd)pyrene	29.587	276	480092	48.860	ng	# 96
88) Benzo(b)fluoranthene	24.406	252	434445	49.296	ng	98
89) Benzo(k)fluoranthene	24.482	252	432726m	48.319	ng	
90) Benzo(a)pyrene	25.369	252	380696	44.216	ng	96
91) Dibenzo(a,h)anthracene	29.640	278	400063	48.890	ng	100
92) Benzo(g,h,i)perylene	30.856	276	386539	48.378	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.363 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

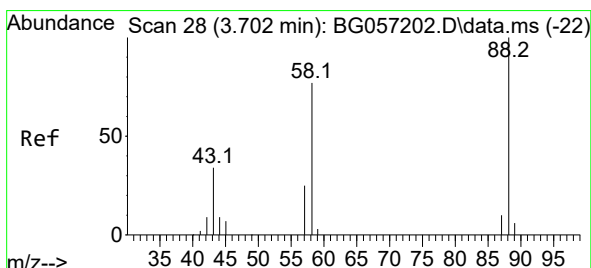
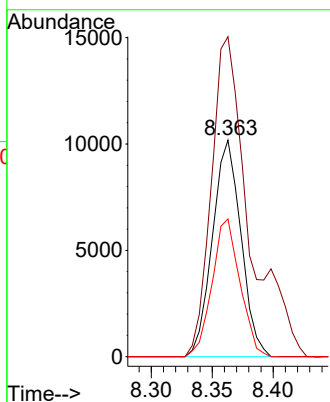
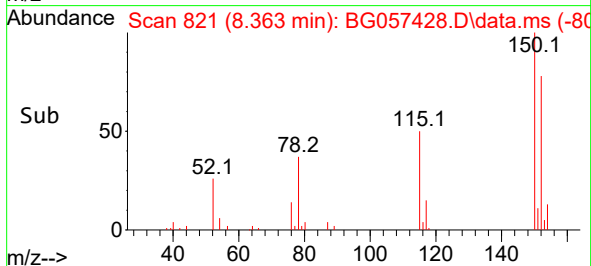
Instrument :
BNA_G
ClientSampleId :
PB152629BSD



Tgt Ion:152 Resp: 1658
Ion Ratio Lower Upper
152 100
150 147.8 126.2 189.4
115 63.6 45.0 67.4

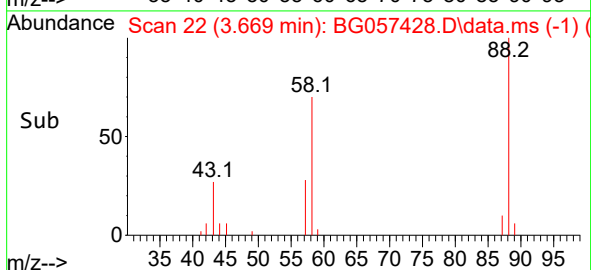
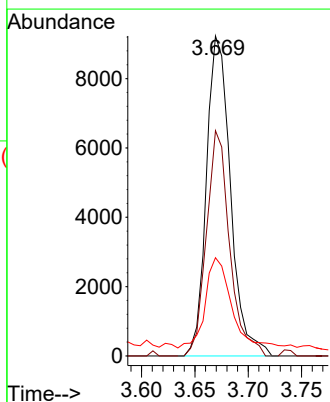
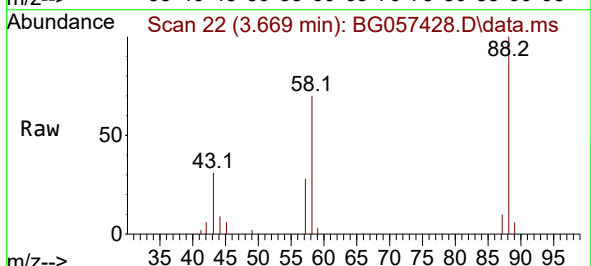
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#2
1,4-Dioxane
Concen: 36.154 ng
RT: 3.669 min Scan# 22
Delta R.T. -0.012 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

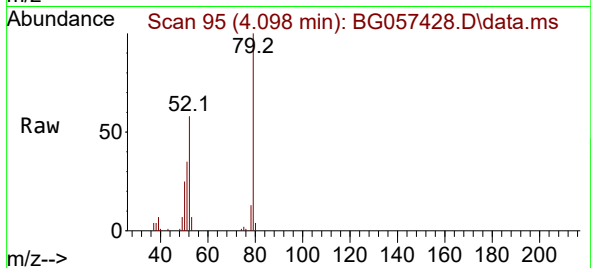
Tgt Ion: 88 Resp: 14495
Ion Ratio Lower Upper
88 100
58 67.9 57.1 85.7
43 30.6 24.4 36.6





#3
Pyridine
Concen: 30.667 ng
RT: 4.098 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

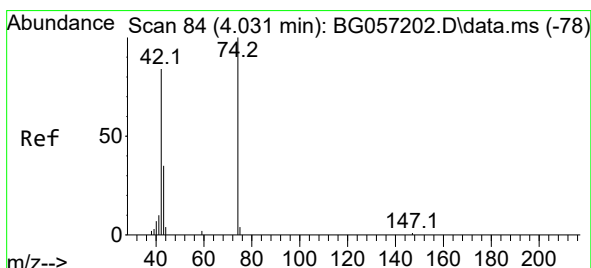
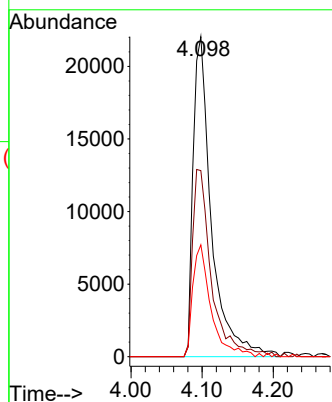
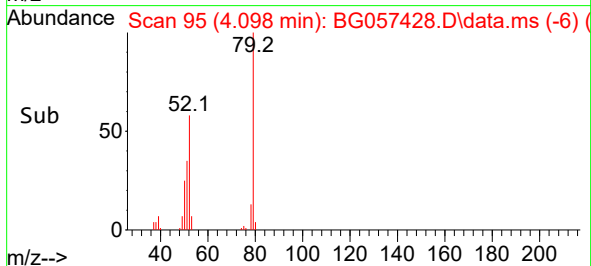
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ClientSampleId :
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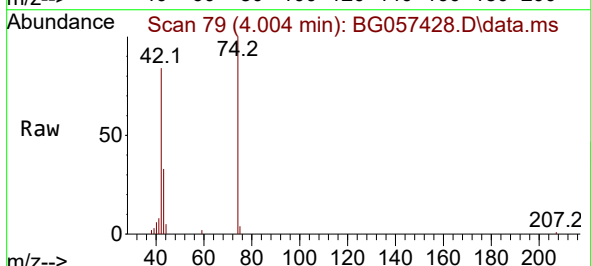
Tgt Ion: 79 Resp: 3951
Ion Ratio Lower Upper
79 100
52 58.2 51.4 77.0
51 35.0 28.0 42.0

Manual Integrations
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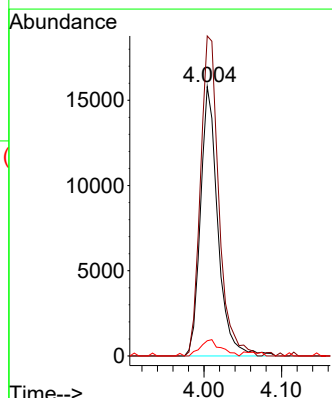
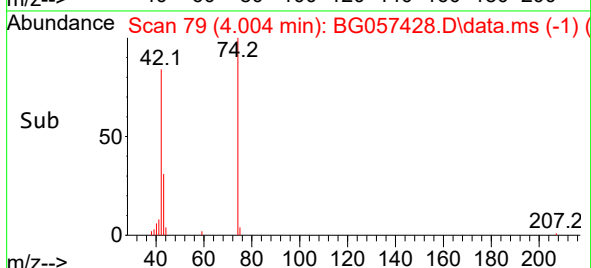
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#4
n-Nitrosodimethylamine
Concen: 40.488 ng
RT: 4.004 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25



Tgt Ion: 42 Resp: 24515
Ion Ratio Lower Upper
42 100
74 118.8 95.1 142.7
44 5.7 5.8 8.8





#5
2-Fluorophenol
Concen: 160.199 ng
RT: 5.878 min Scan# 398
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Instrument :

BNA_G

ClientSampleId :

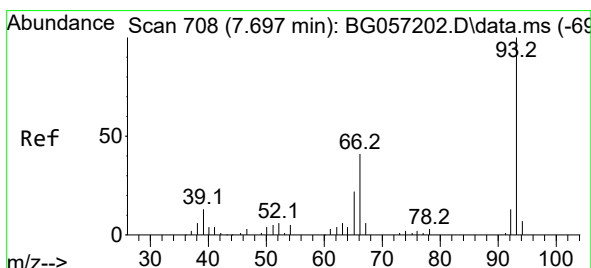
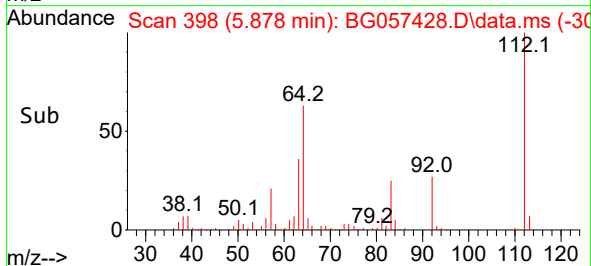
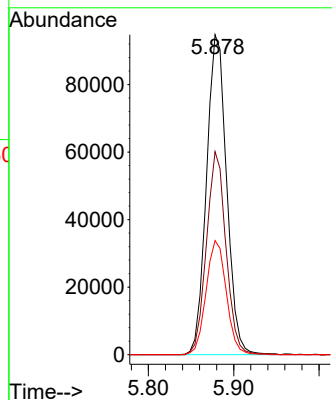
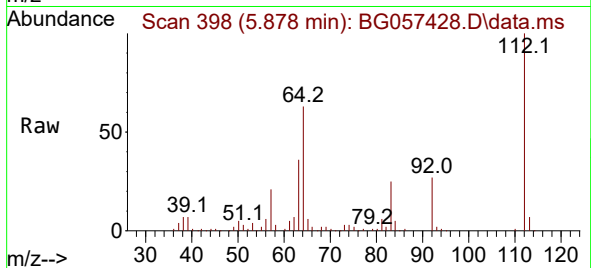
PB152629BSD

Tgt Ion:112 Resp: 155338
Ion Ratio Lower Upper
112 100
64 63.4 49.4 74.2
63 35.7 31.6 47.4

Manual Integrations

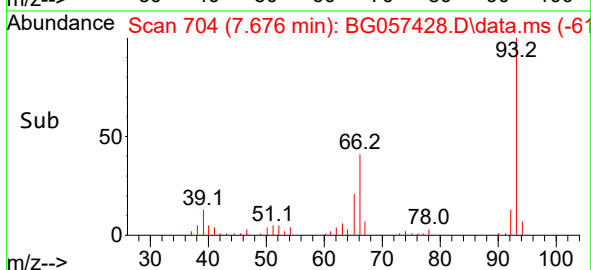
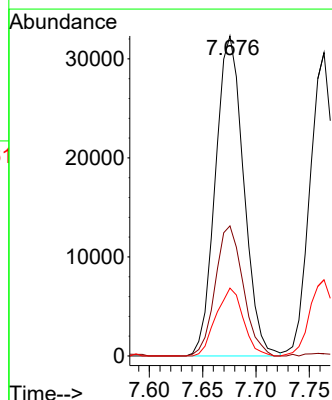
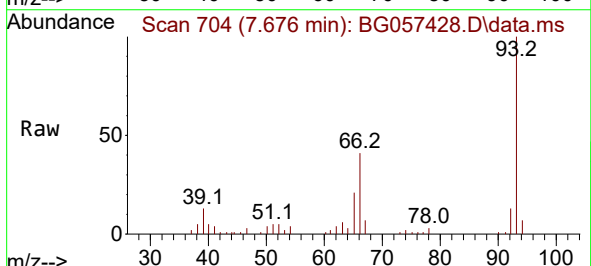
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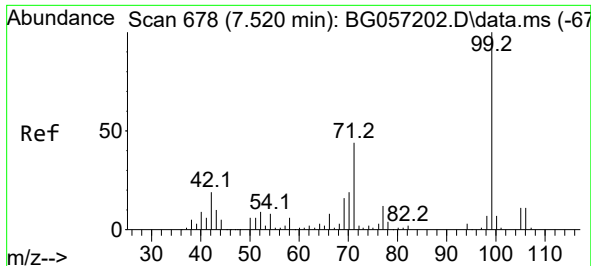
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#6
Aniline
Concen: 31.870 ng
RT: 7.676 min Scan# 704
Delta R.T. -0.000 min
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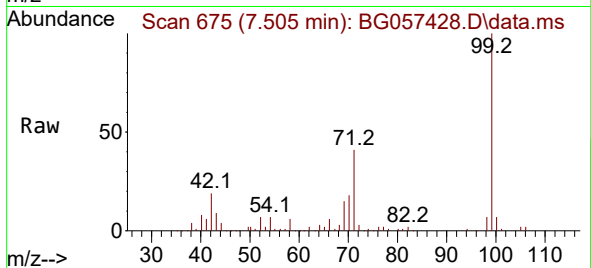
Tgt Ion: 93 Resp: 59532
Ion Ratio Lower Upper
93 100
66 40.6 33.0 49.6
65 21.2 18.0 27.0





#7
Phenol-d6
Concen: 157.139 ng
RT: 7.505 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

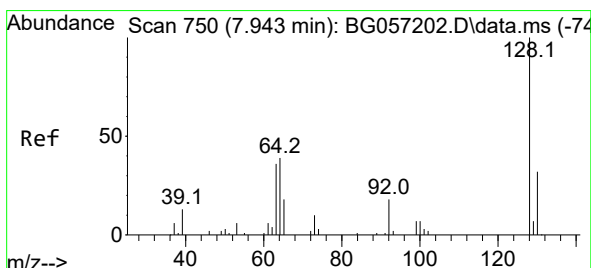
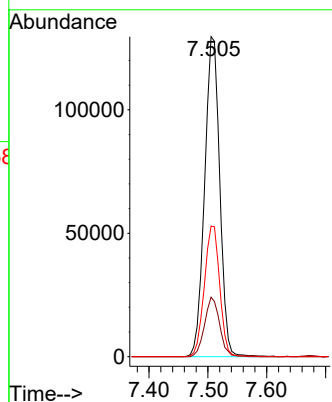
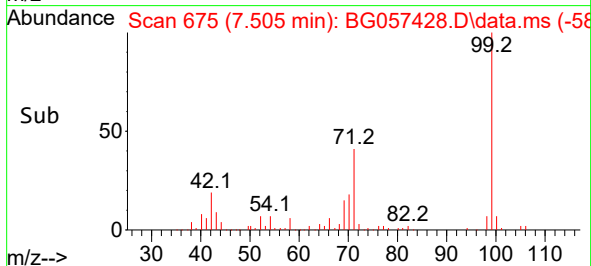
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 99 Resp: 23138
Ion Ratio Lower Upper
99 100
42 18.6 15.1 22.7
71 40.8 35.2 52.8

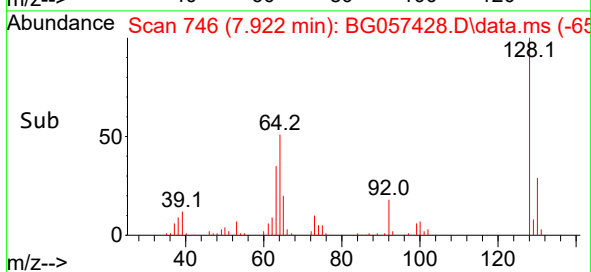
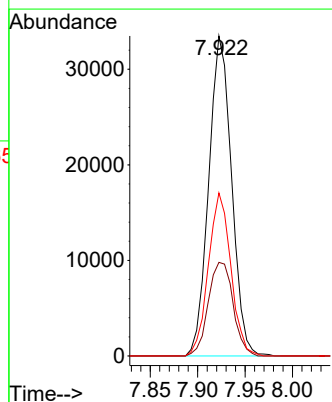
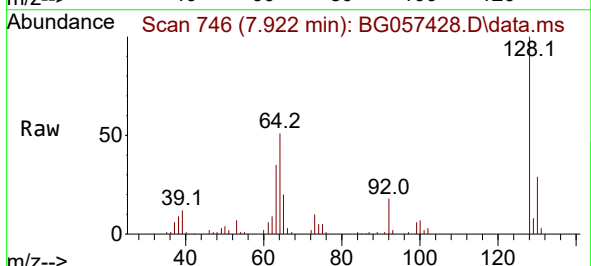
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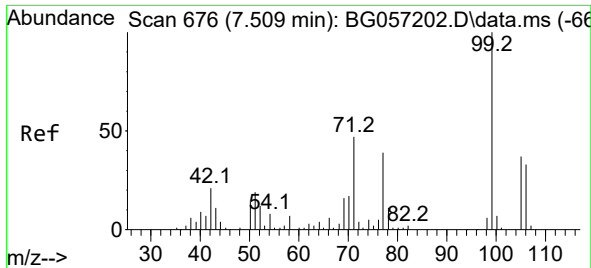
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#8
2-Chlorophenol
Concen: 54.874 ng
RT: 7.922 min Scan# 746
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Tgt Ion:128 Resp: 56224
Ion Ratio Lower Upper
128 100
130 29.3 12.2 52.2
64 50.9 28.4 68.4





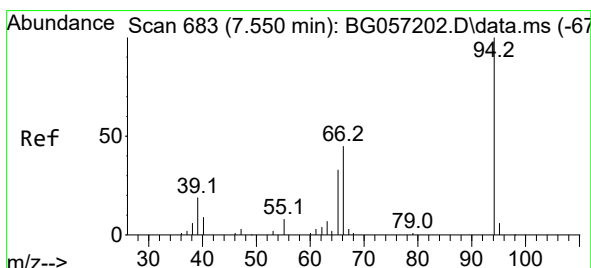
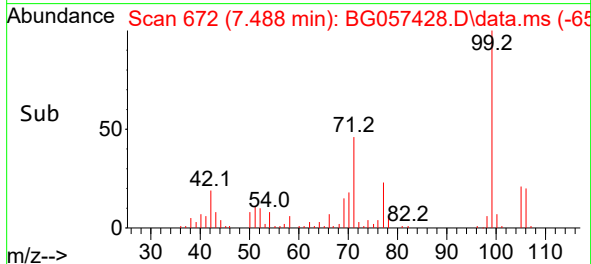
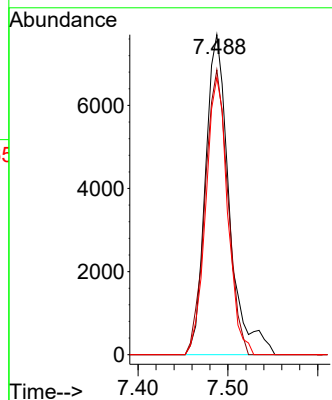
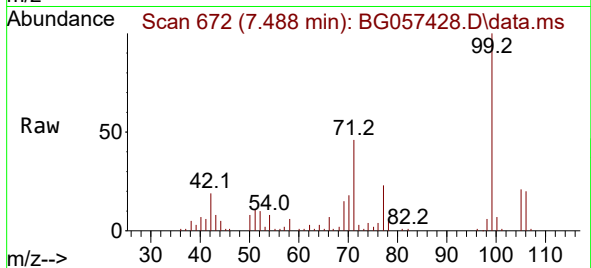
#9
Benzaldehyde
Concen: 13.430 ng
RT: 7.488 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Instrument :
BNA_G
ClientSampleId :
PB152629BSD

Tgt Ion: 77 Resp: 14108
Ion Ratio Lower Upper
77 100
105 89.0 74.6 114.6
106 86.6 66.3 106.3

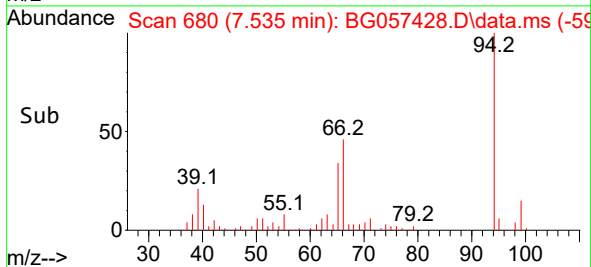
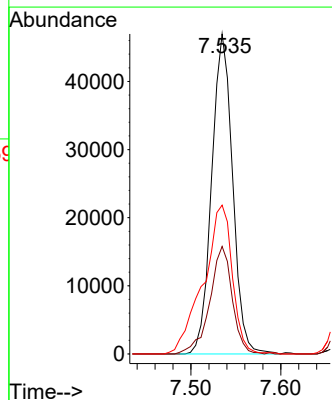
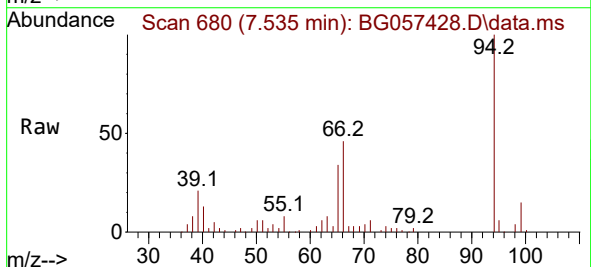
Manual Integrations
APPROVED

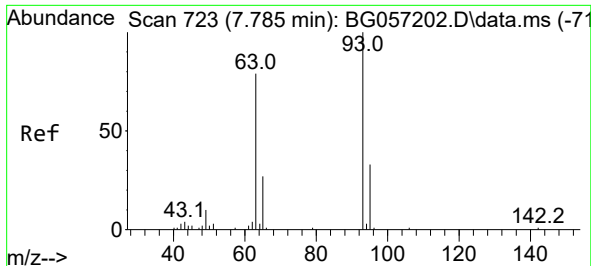
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#10
Phenol
Concen: 52.896 ng
RT: 7.535 min Scan# 680
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Tgt Ion: 94 Resp: 75926
Ion Ratio Lower Upper
94 100
65 33.6 13.5 53.5
66 46.5 26.7 66.7





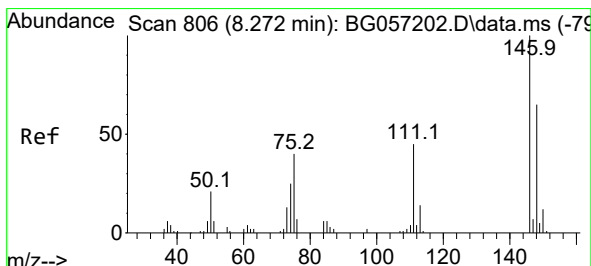
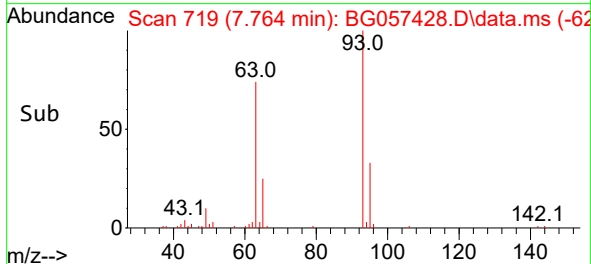
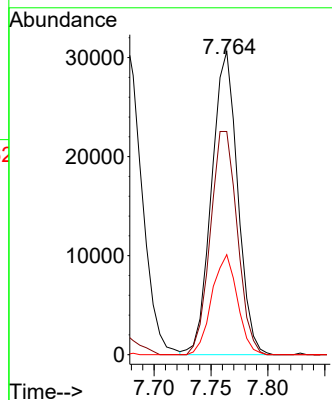
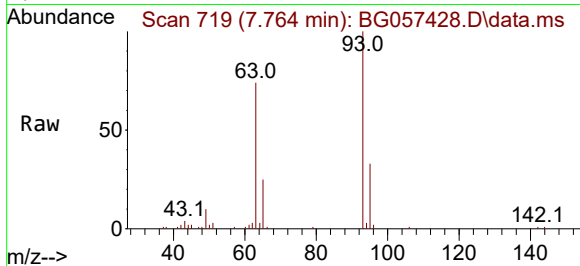
#11
bis(2-Chloroethyl)ether
Concen: 45.189 ng
RT: 7.764 min Scan# 719
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Instrument :
BNA_G
ClientSampleId :
PB152629BSD

Tgt Ion: 93 Resp: 4891
Ion Ratio Lower Upper
93 100
63 73.6 58.6 98.6
95 33.0 12.2 52.2

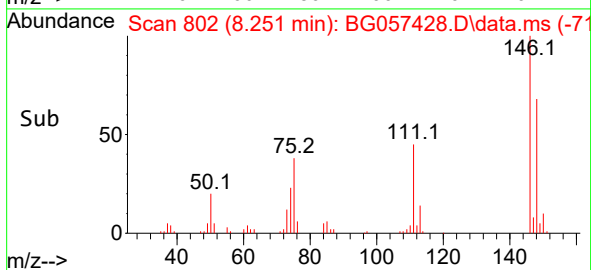
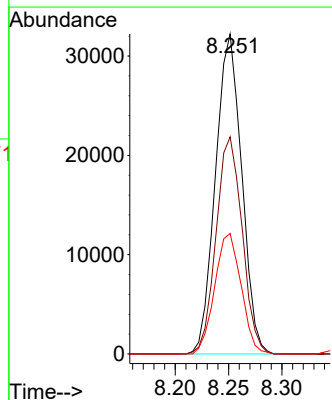
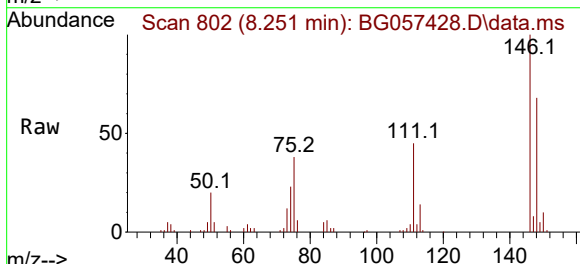
Manual Integrations
APPROVED

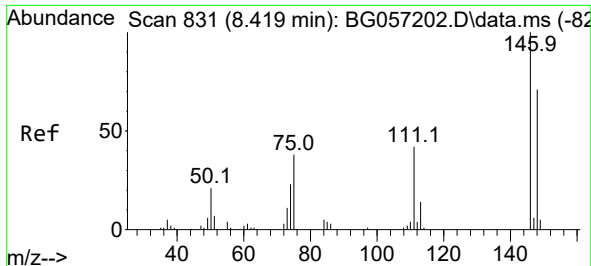
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#12
1,3-Dichlorobenzene
Concen: 48.742 ng
RT: 8.251 min Scan# 802
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Tgt Ion:146 Resp: 55120
Ion Ratio Lower Upper
146 100
148 67.9 52.2 78.2
75 37.7 31.7 47.5





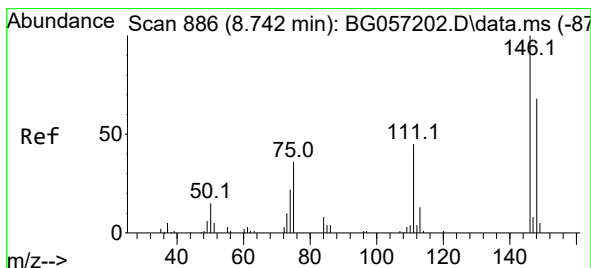
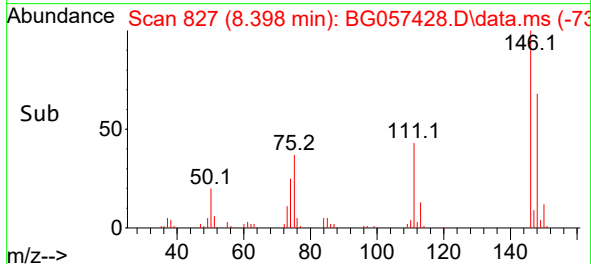
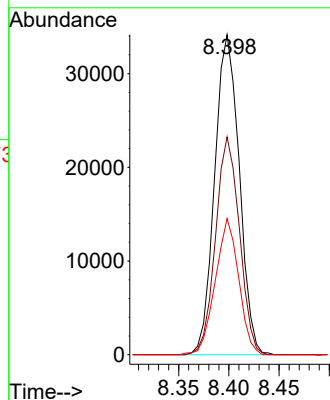
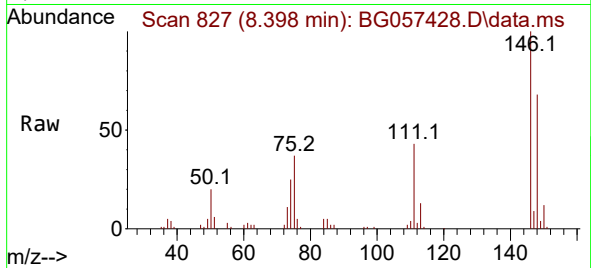
#13
1,4-Dichlorobenzene
Concen: 51.133 ng
RT: 8.398 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Instrument :
BNA_G
ClientSampleId :
PB152629BSD

Tgt Ion:146 Resp: 5808
Ion Ratio Lower Upper
146 100
148 68.0 56.4 84.6
111 42.5 33.8 50.6

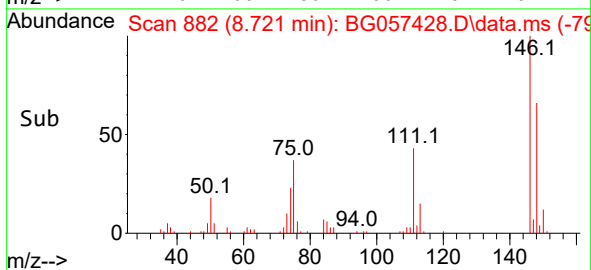
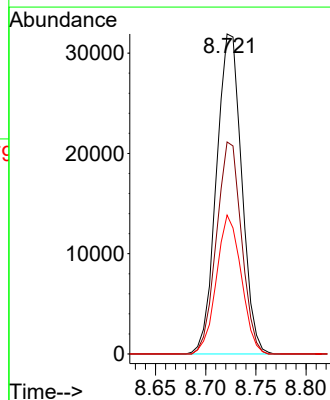
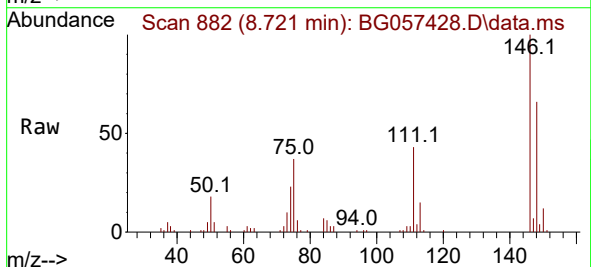
Manual Integrations
APPROVED

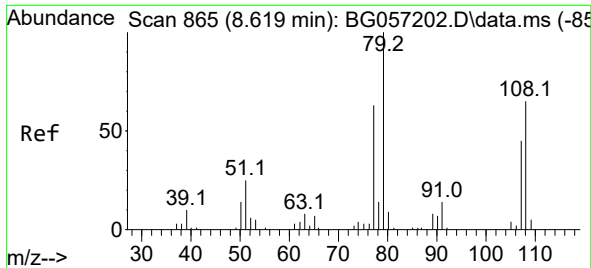
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#14
1,2-Dichlorobenzene
Concen: 50.816 ng
RT: 8.721 min Scan# 882
Delta R.T. -0.006 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Tgt Ion:146 Resp: 55723
Ion Ratio Lower Upper
146 100
148 66.2 54.6 82.0
111 43.4 37.2 55.8





#15
Benzyl Alcohol
Concen: 49.906 ng
RT: 8.598 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Instrument :

BNA_G

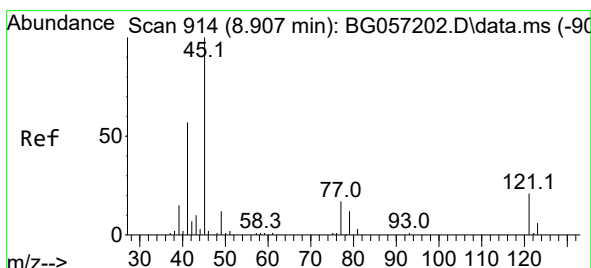
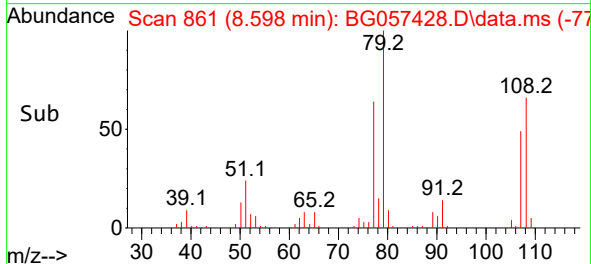
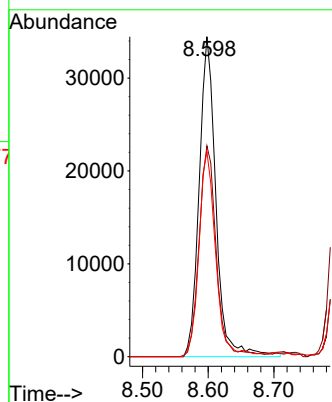
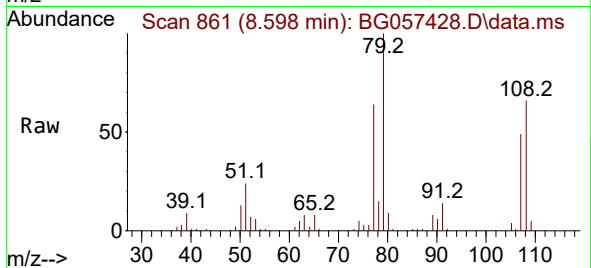
ClientSampleId :

PB152629BSD

Tgt Ion: 79 Resp: 61218
Ion Ratio Lower Upper
79 100
108 65.9 52.2 78.2
77 64.0 50.1 75.1

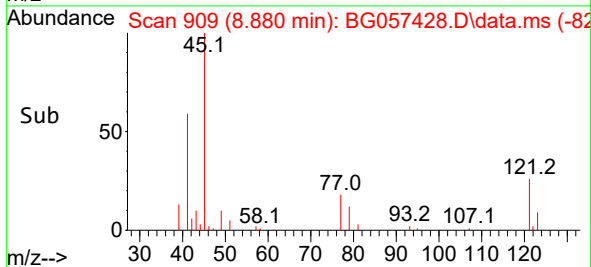
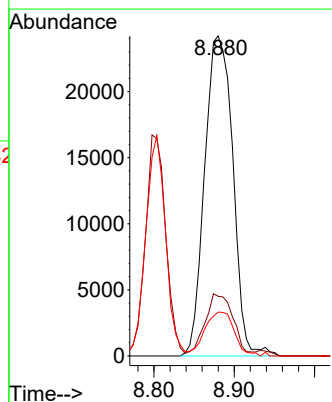
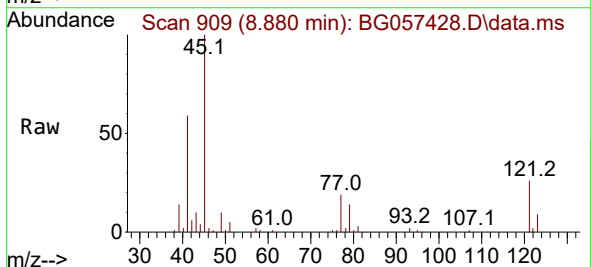
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.322 ng m
RT: 8.880 min Scan# 909
Delta R.T. -0.006 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Tgt Ion: 45 Resp: 59100
Ion Ratio Lower Upper
45 100
77 18.7 0.0 38.5
79 13.7 0.0 33.8





#17

2-Methylphenol

Concen: 51.111 ng

RT: 8.804 min Scan# 899

Delta R.T. -0.000 min

Lab File: BG057428.D

Acq: 13 May 2023 5:25

Instrument :

BNA_G

ClientSampleId :

PB152629BSD

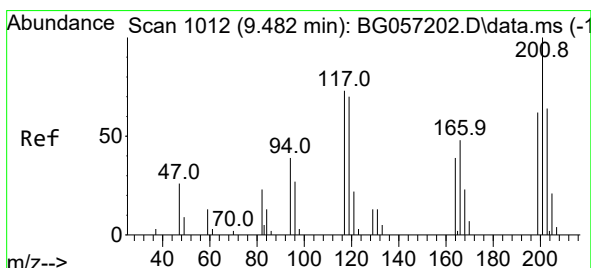
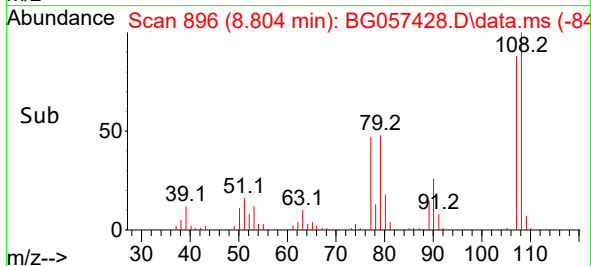
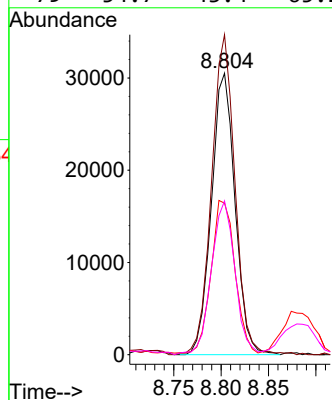
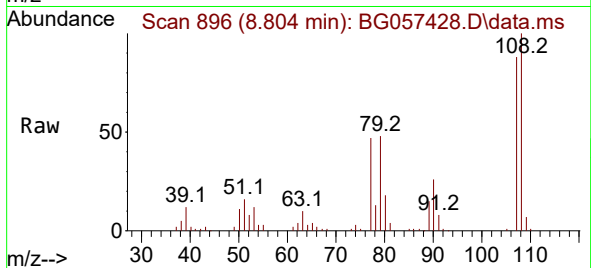
Tgt Ion:	107	Resp:	5288
Ion Ratio	Lower	Upper	
107	100		
108	113.7	89.5	134.3
77	53.9	45.1	67.7
79	54.7	43.4	65.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#18

Hexachloroethane

Concen: 49.736 ng

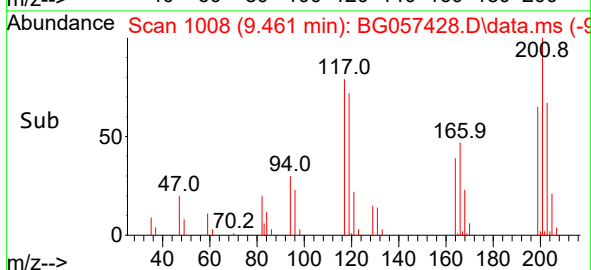
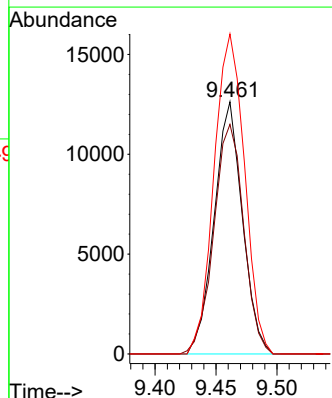
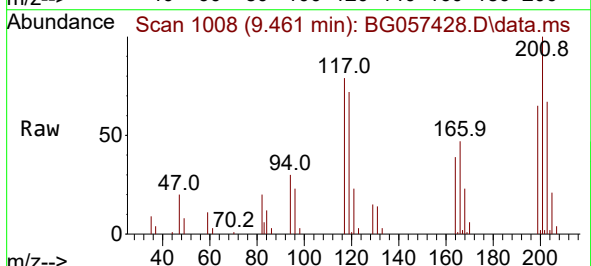
RT: 9.461 min Scan# 1008

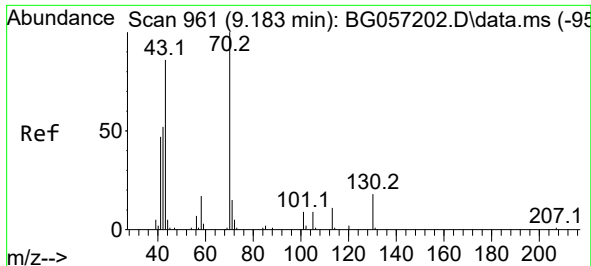
Delta R.T. -0.000 min

Lab File: BG057428.D

Acq: 13 May 2023 5:25

Tgt Ion:	117	Resp:	20388
Ion Ratio	Lower	Upper	
117	100		
119	91.1	76.7	115.1
201	126.9	109.0	163.4





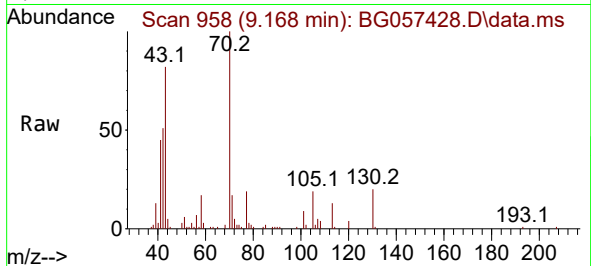
#19
n-Nitroso-di-n-propylamine
Concen: 42.394 ng
RT: 9.168 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Instrument :

BNA_G

ClientSampleId :

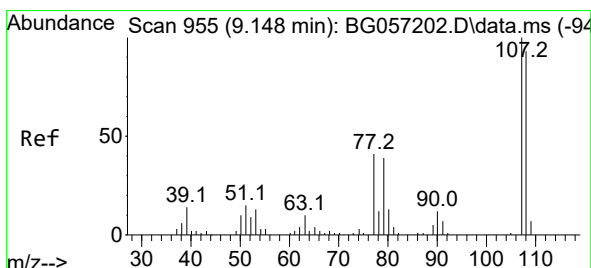
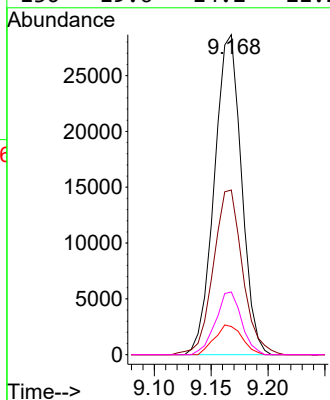
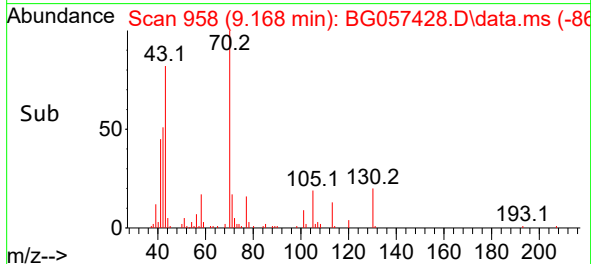
PB152629BSD



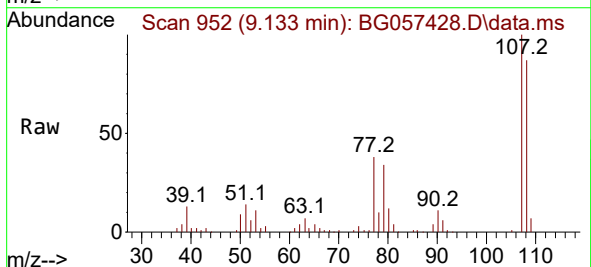
Tgt Ion: 70 Resp: 47599
Ion Ratio Lower Upper
70 100
42 51.5 41.8 62.8
101 8.8 6.8 10.2
130 19.6 14.2 21.2

Manual Integrations
APPROVED

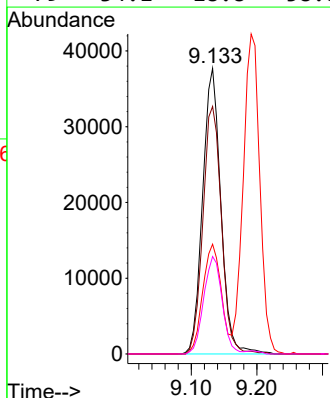
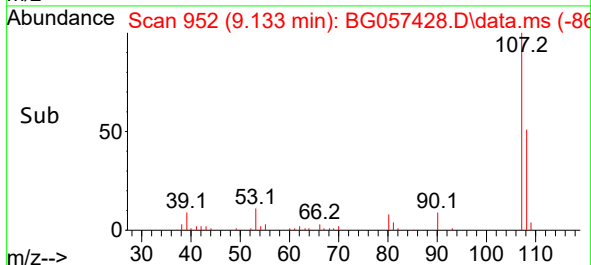
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

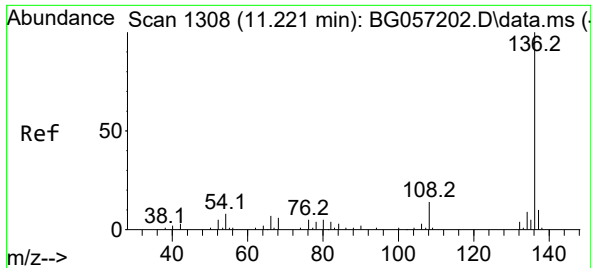


#20
3+4-Methylphenols
Concen: 51.516 ng
RT: 9.133 min Scan# 952
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25



Tgt Ion:107 Resp: 72987
Ion Ratio Lower Upper
107 100
108 86.7 73.5 113.5
77 38.5 21.1 61.1
79 34.1 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.200 min Scan# 111
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Instrument :

BNA_G

ClientSampleId :

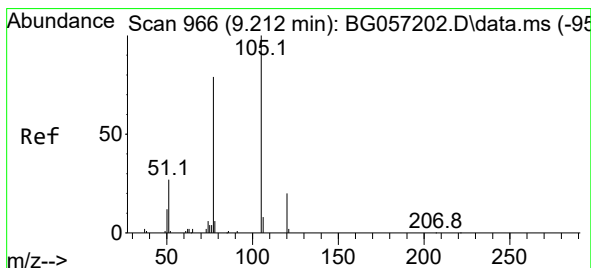
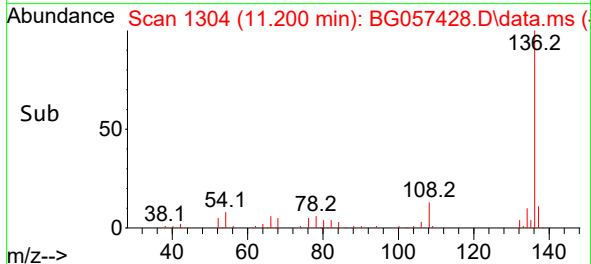
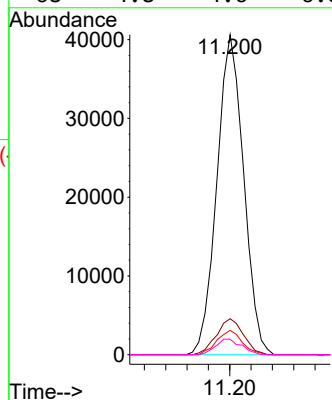
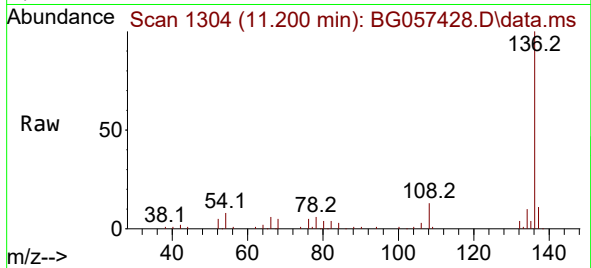
PB152629BSD

Tgt Ion:136 Resp: 70620
Ion Ratio Lower Upper
136 100
137 11.2 8.3 12.5
54 7.6 6.7 10.1
68 4.8 4.6 6.8

Manual Integrations

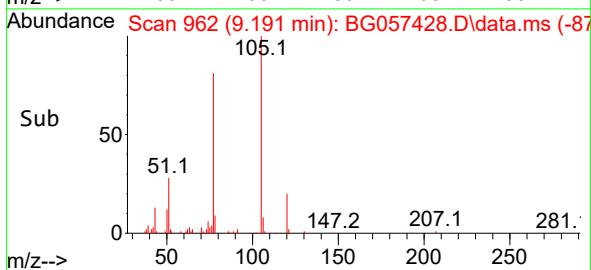
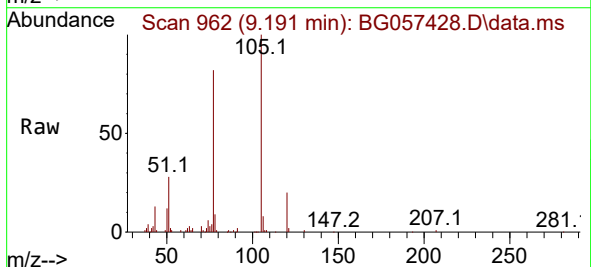
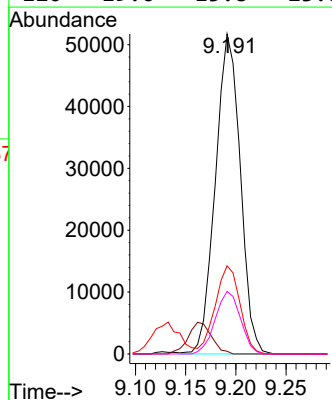
APPROVED

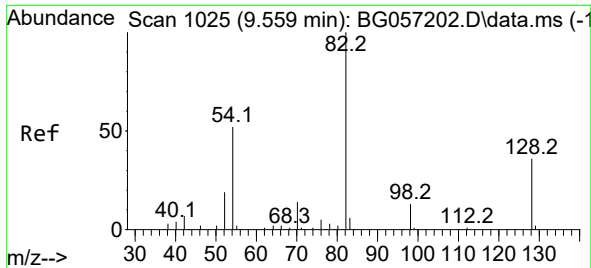
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#22
Acetophenone
Concen: 44.002 ng
RT: 9.191 min Scan# 962
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Tgt Ion:105 Resp: 88939
Ion Ratio Lower Upper
105 100
71 0.8 0.4 0.6#
51 27.6 24.0 36.0
120 19.6 15.8 23.8





#23
Nitrobenzene-d5
Concen: 84.880 ng
RT: 9.544 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Instrument :

BNA_G

ClientSampleId :

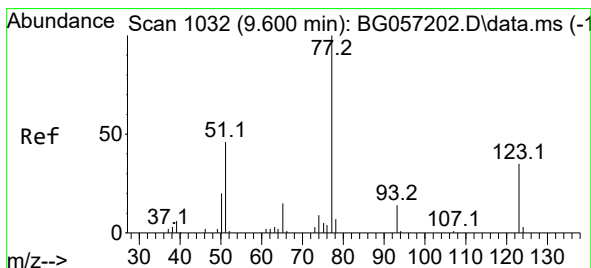
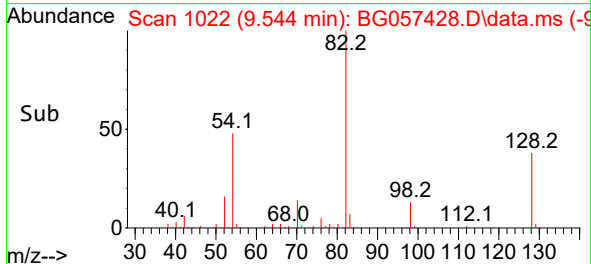
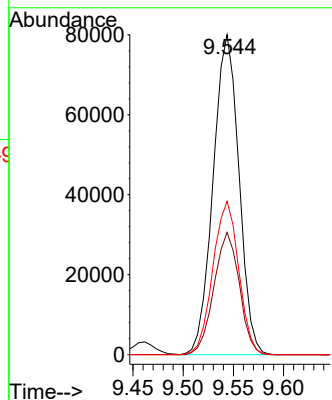
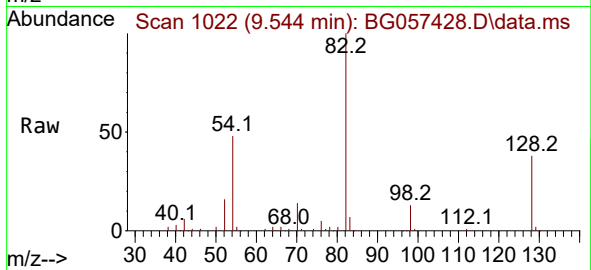
PB152629BSD

Tgt Ion: 82 Resp: 142819
Ion Ratio Lower Upper
82 100
128 38.2 29.0 43.4
54 47.9 41.4 62.0

Manual Integrations

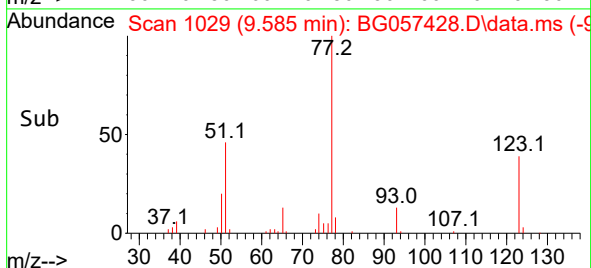
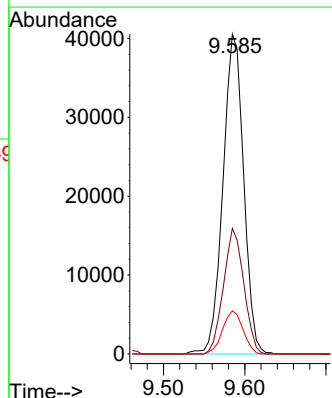
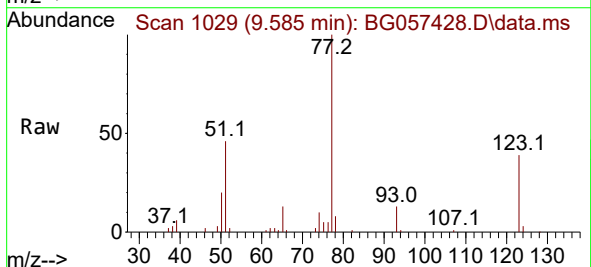
APPROVED

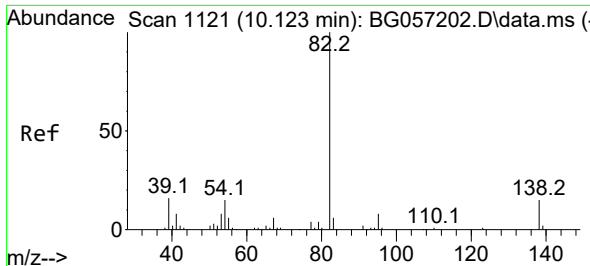
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#24
Nitrobenzene
Concen: 42.234 ng
RT: 9.585 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Tgt Ion: 77 Resp: 71726
Ion Ratio Lower Upper
77 100
123 39.3 28.2 42.2
65 13.5 11.7 17.5





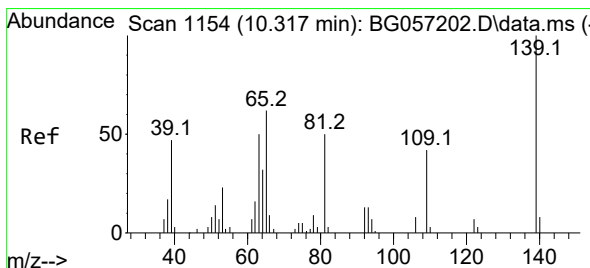
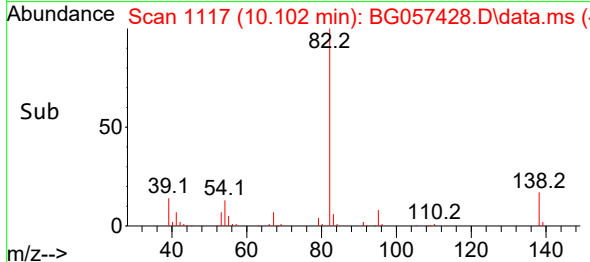
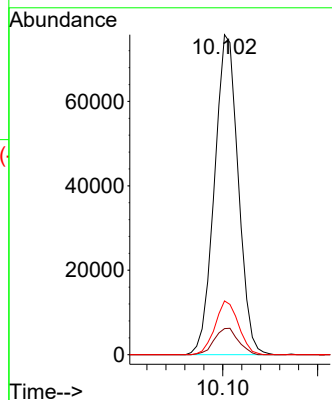
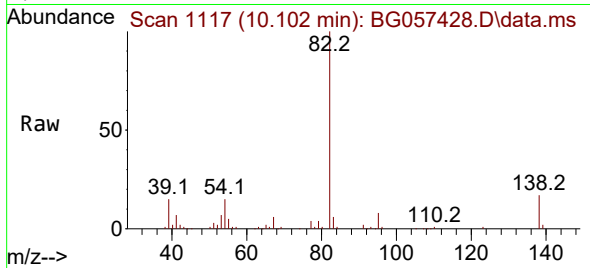
#25
Isophorone
Concen: 40.429 ng
RT: 10.102 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Instrument :
BNA_G
ClientSampleId :
PB152629BSD

Tgt Ion: 82 Resp: 131910
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 16.8 12.3 18.5

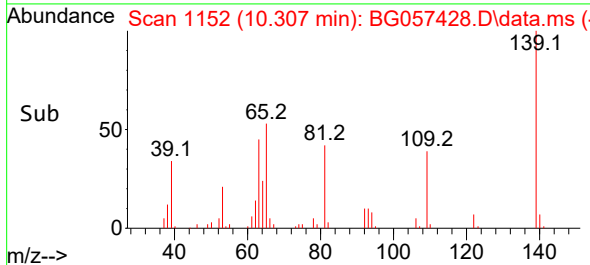
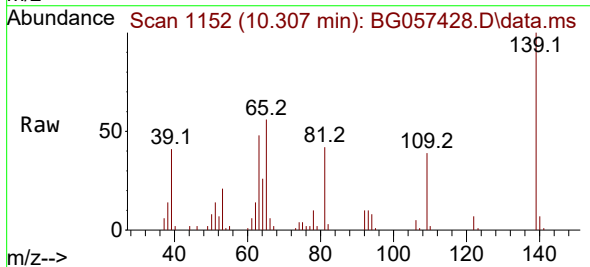
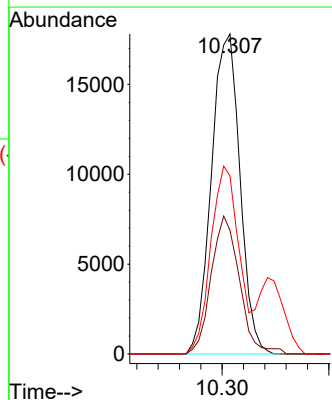
Manual Integrations
APPROVED

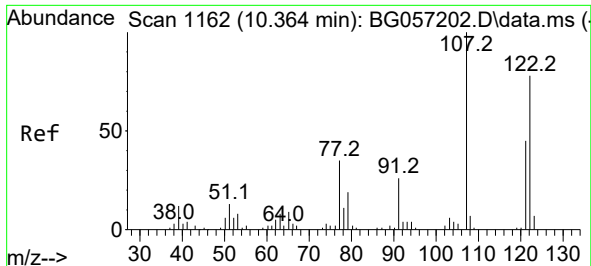
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#26
2-Nitrophenol
Concen: 50.822 ng
RT: 10.307 min Scan# 1152
Delta R.T. 0.005 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Tgt Ion:139 Resp: 33037
Ion Ratio Lower Upper
139 100
109 38.7 33.4 50.2
65 55.6 49.8 74.6





#27
2,4-Dimethylphenol
Concen: 52.073 ng
RT: 10.349 min Scan# 1159
Delta R.T. 0.005 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Instrument :

BNA_G

ClientSampleId :

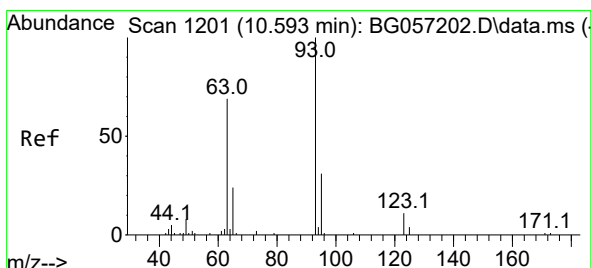
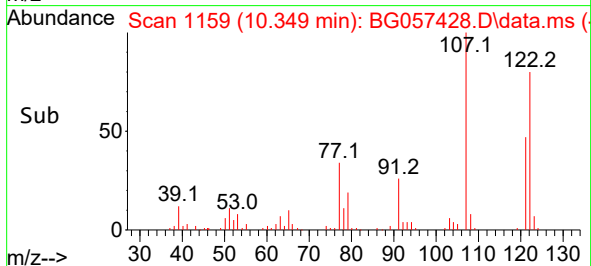
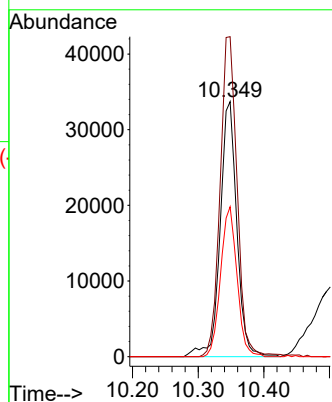
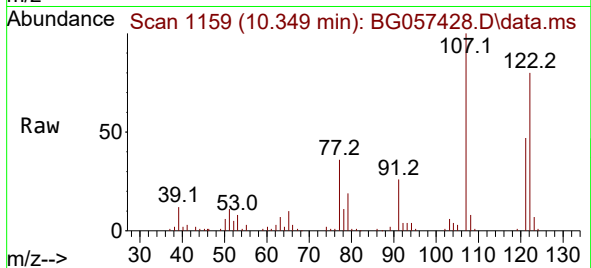
PB152629BSD

Tgt Ion:122 Resp: 5927
Ion Ratio Lower Upper
122 100
107 125.4 103.0 154.4
121 58.7 45.9 68.9

Manual Integrations

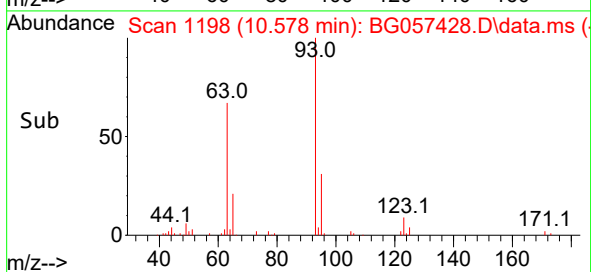
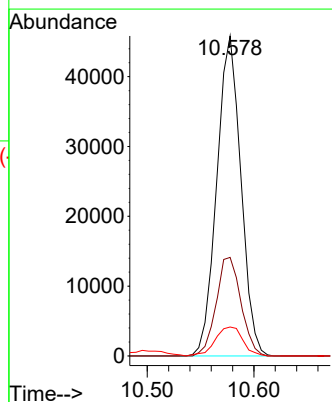
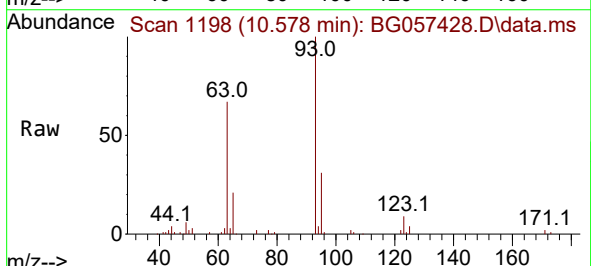
APPROVED

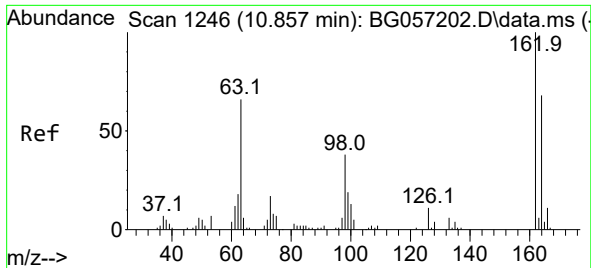
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.922 ng
RT: 10.578 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

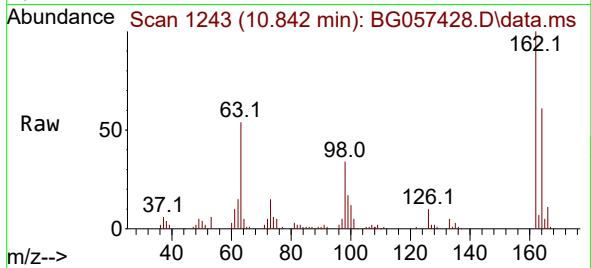
Tgt Ion: 93 Resp: 71792
Ion Ratio Lower Upper
93 100
95 30.8 25.0 37.6
123 9.0 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 54.503 ng
RT: 10.842 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

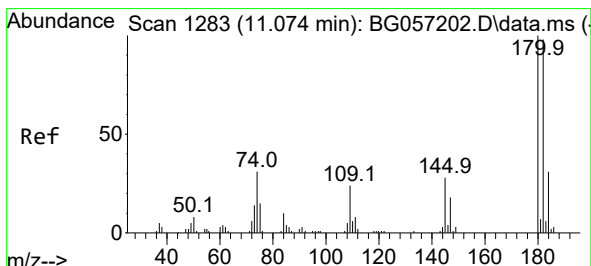
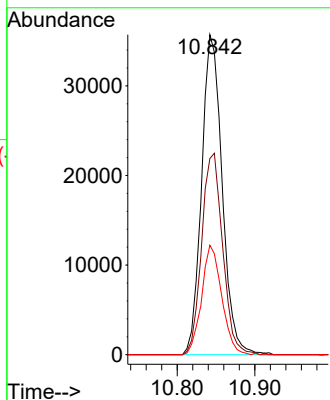
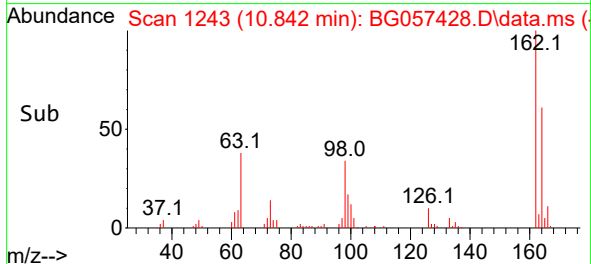
Instrument :
BNA_G
ClientSampleId :
PB152629BSD



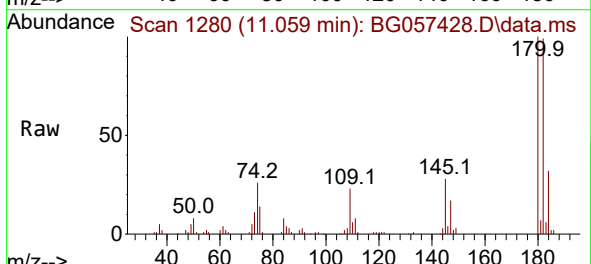
Tgt Ion:162 Resp: 6580
Ion Ratio Lower Upper
162 100
164 61.3 48.4 88.4
98 34.2 17.6 57.6

Manual Integrations
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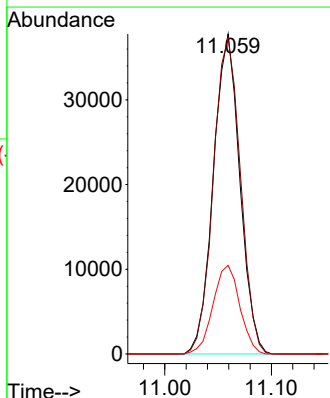
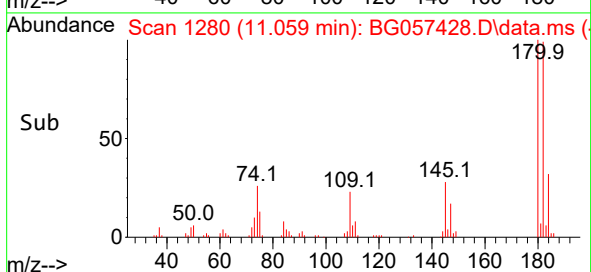
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#30
1,2,4-Trichlorobenzene
Concen: 46.767 ng
RT: 11.059 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25



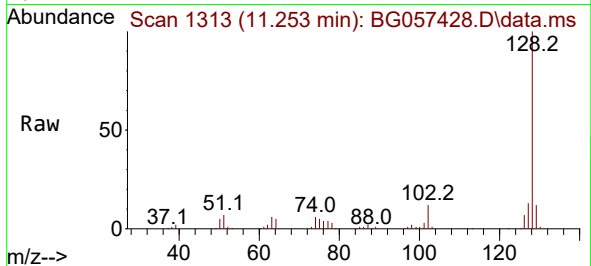
Tgt Ion:180 Resp: 65123
Ion Ratio Lower Upper
180 100
182 98.8 78.0 117.0
145 27.7 22.4 33.6





#31
Naphthalene
Concen: 45.537 ng
RT: 11.253 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

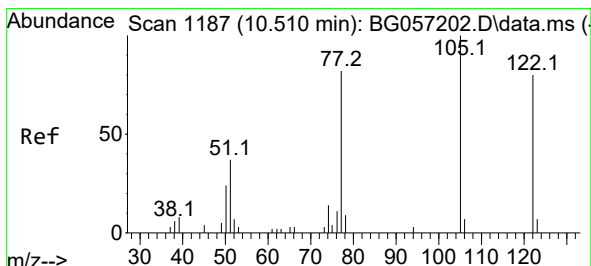
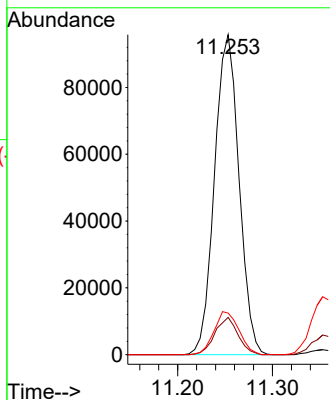
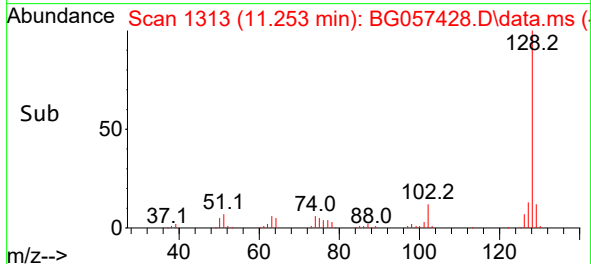
Instrument :
BNA_G
ClientSampleId :
PB152629BSD



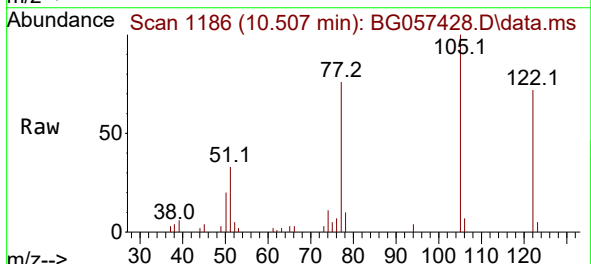
Tgt Ion:128 Resp: 171920
Ion Ratio Lower Upper
128 100
129 11.7 8.3 12.5
127 13.0 11.1 16.7

Manual Integrations
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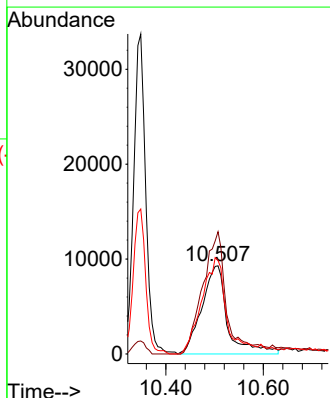
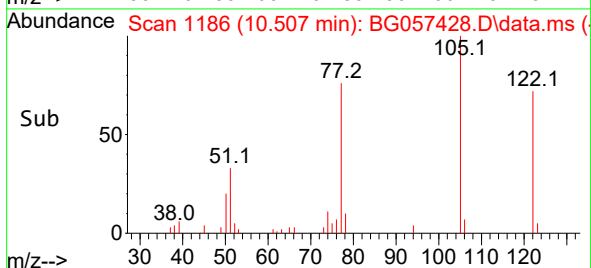
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

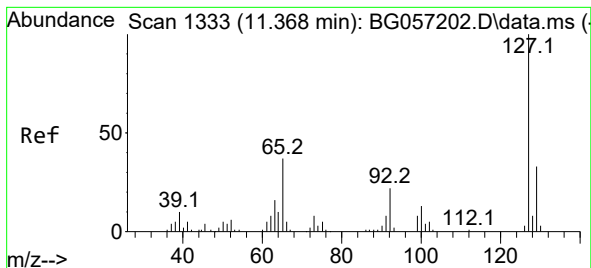


#32
Benzoic acid
Concen: 51.491 ng
RT: 10.507 min Scan# 1186
Delta R.T. 0.017 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25



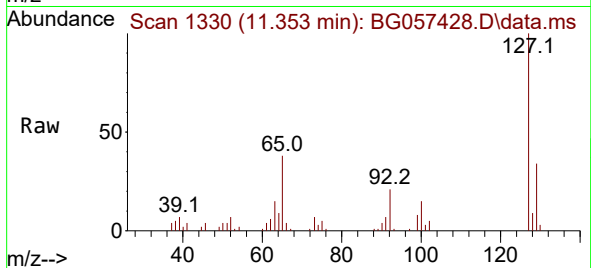
Tgt Ion:122 Resp: 34047
Ion Ratio Lower Upper
122 100
105 138.6 105.2 145.2
77 105.9 83.1 123.1





#33
4-Chloroaniline
Concen: 20.879 ng
RT: 11.353 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

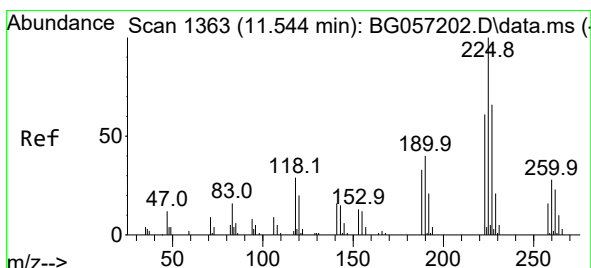
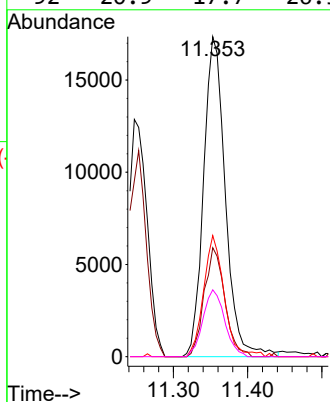
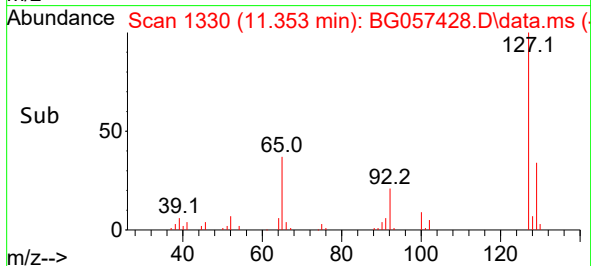
Instrument :
BNA_G
ClientSampleId :
PB152629BSD



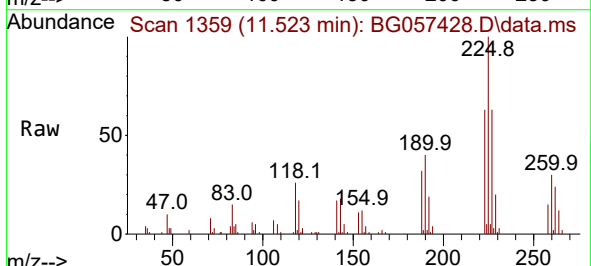
Tgt Ion:127 Resp: 35400
Ion Ratio Lower Upper
127 100
129 34.0 26.7 40.1
65 37.8 29.7 44.5
92 20.9 17.7 26.5

Manual Integrations
APPROVED

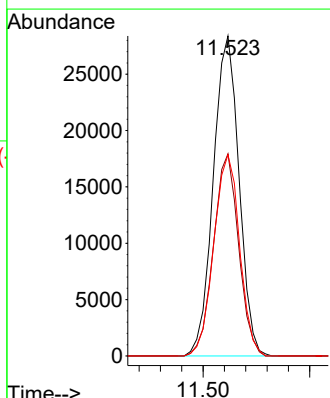
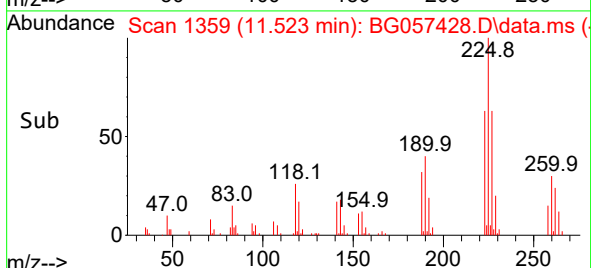
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

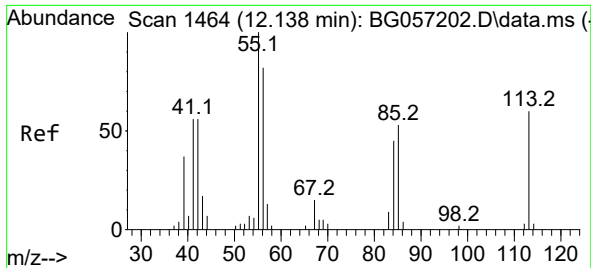


#34
Hexachlorobutadiene
Concen: 45.889 ng
RT: 11.523 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25



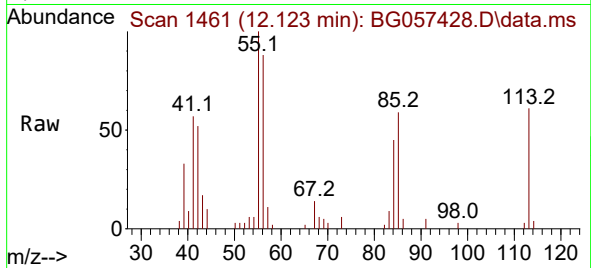
Tgt Ion:225 Resp: 47415
Ion Ratio Lower Upper
225 100
223 63.1 48.6 72.8
227 62.9 52.7 79.1





#35
Caprolactam
Concen: 51.329 ng m
RT: 12.123 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

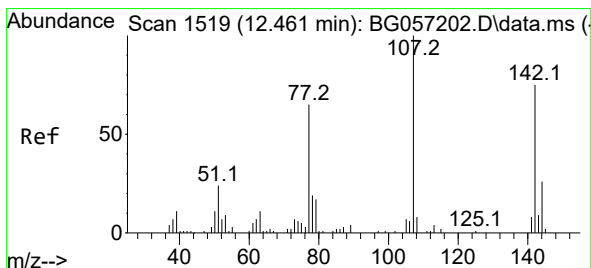
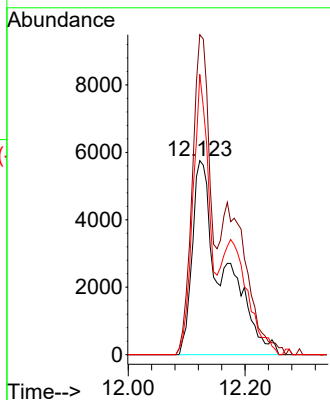
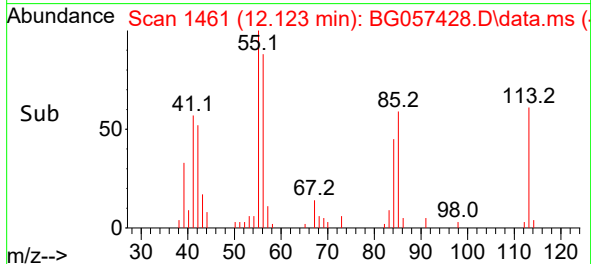
Instrument :
BNA_G
ClientSampleId :
PB152629BSD



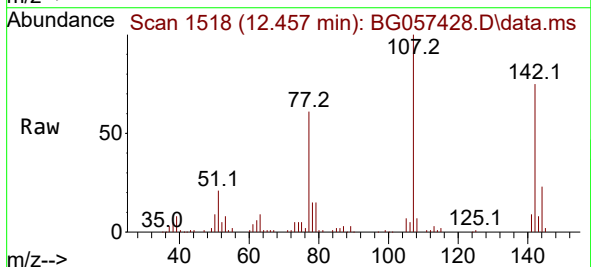
Tgt Ion:113 Resp: 21168
Ion Ratio Lower Upper
113 100
55 164.8 145.5 185.5
56 144.4 115.9 155.9

Manual Integrations
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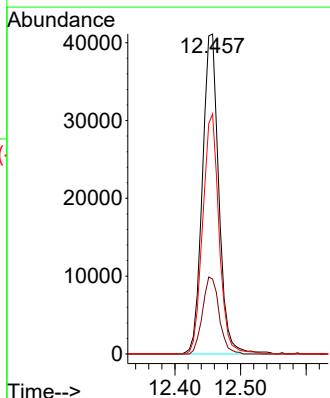
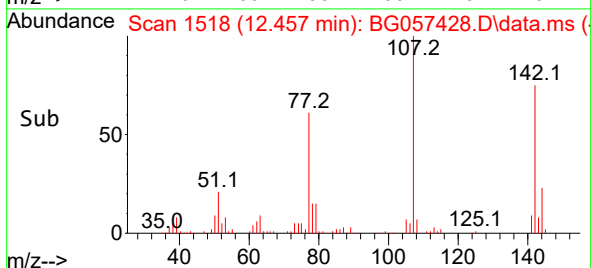
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

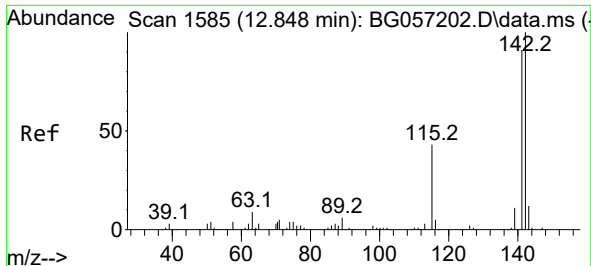


#36
4-Chloro-3-methylphenol
Concen: 52.167 ng
RT: 12.457 min Scan# 1518
Delta R.T. 0.005 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25



Tgt Ion:107 Resp: 71572
Ion Ratio Lower Upper
107 100
144 23.4 21.0 31.6
142 75.0 60.0 90.0





#37

2-Methylnaphthalene

Concen: 44.629 ng

RT: 12.827 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG057428.D

Acq: 13 May 2023 5:25

Instrument :

BNA_G

ClientSampleId :

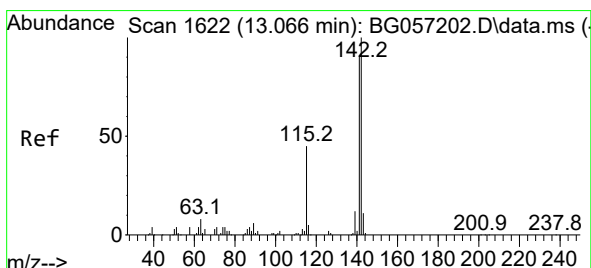
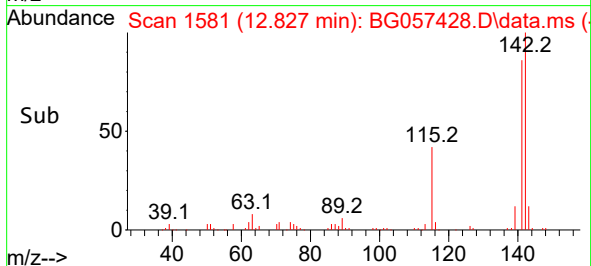
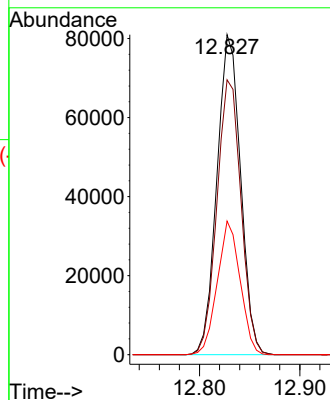
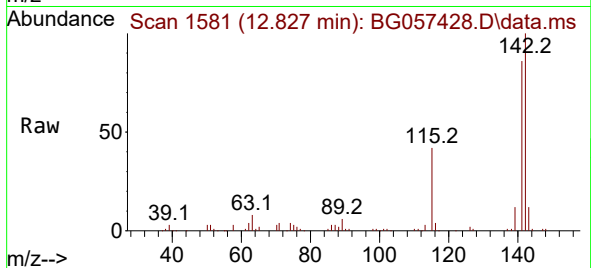
PB152629BSD

Tgt Ion:142 Resp: 132470
 Ion Ratio Lower Upper
 142 100
 141 85.9 73.1 109.7
 115 41.8 34.6 52.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023



#38

1-Methylnaphthalene

Concen: 44.680 ng

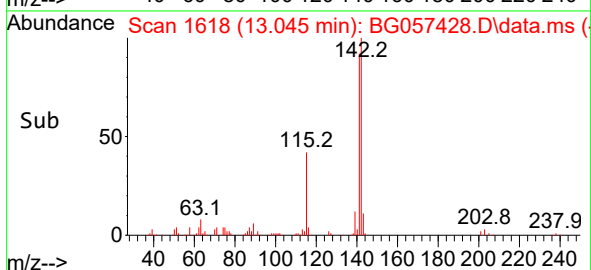
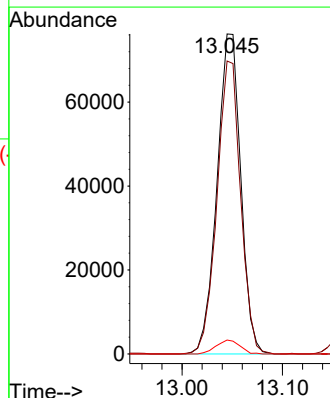
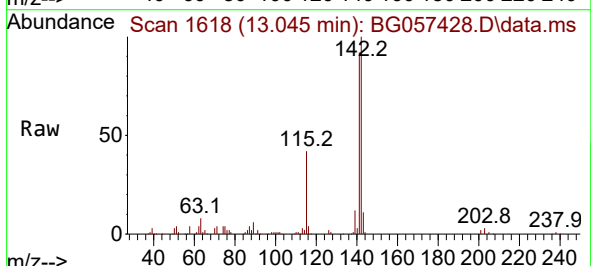
RT: 13.045 min Scan# 1618

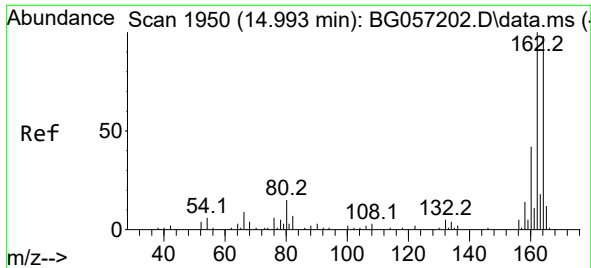
Delta R.T. -0.006 min

Lab File: BG057428.D

Acq: 13 May 2023 5:25

Tgt Ion:142 Resp: 125009
 Ion Ratio Lower Upper
 142 100
 141 91.6 72.5 108.7
 116 4.3 3.7 5.5





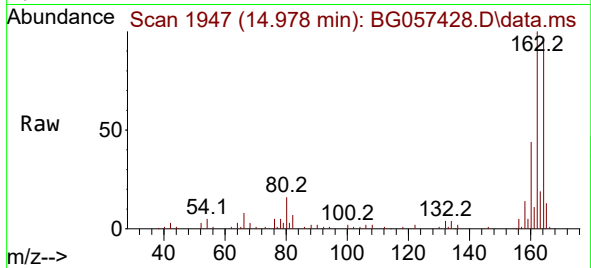
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.978 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Instrument :

BNA_G

ClientSampleId :

PB152629BSD

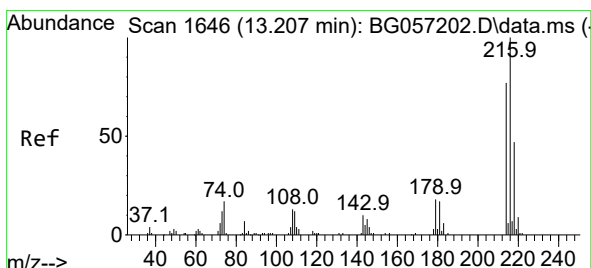
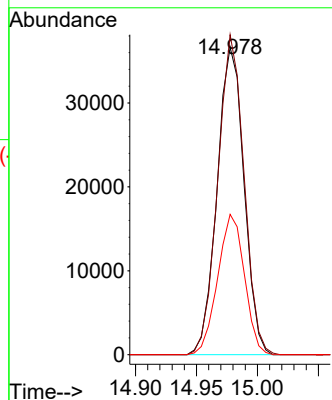
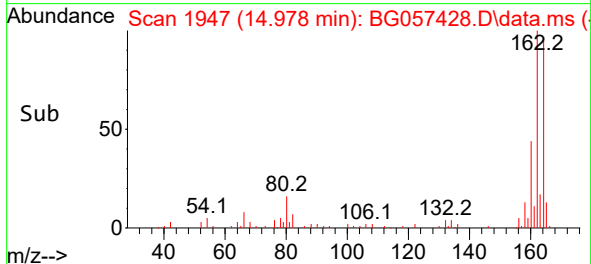


Tgt Ion:164 Resp: 5618
Ion Ratio Lower Upper
164 100
162 104.1 81.8 122.6
160 45.7 34.6 52.0

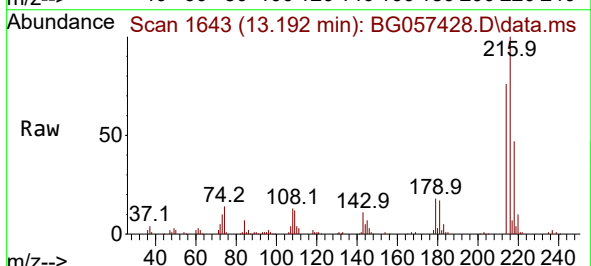
Manual Integrations

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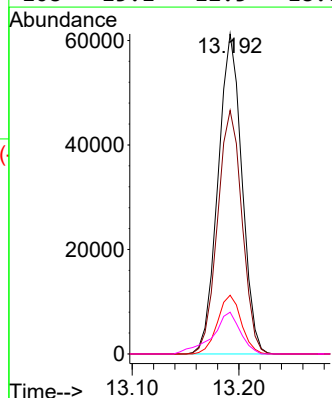
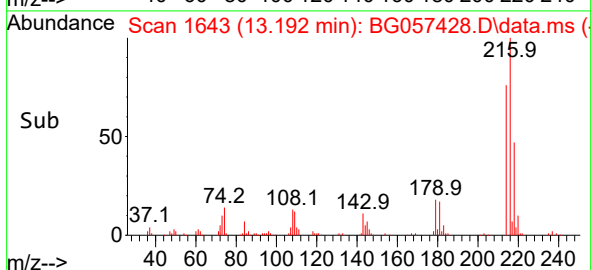
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

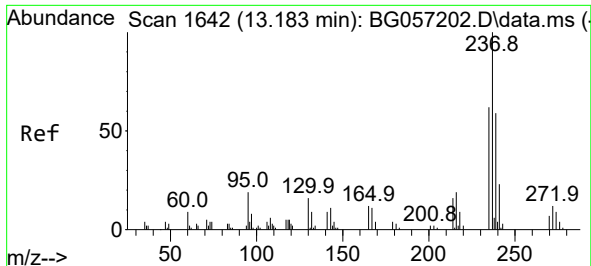


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.676 ng
RT: 13.192 min Scan# 1643
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25



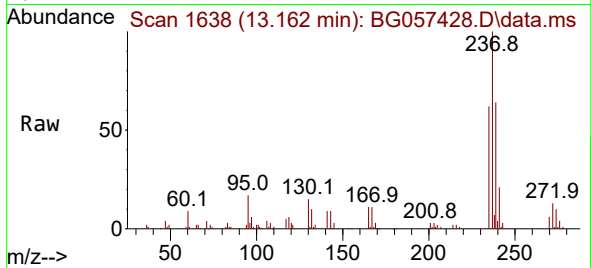
Tgt Ion:216 Resp: 95095
Ion Ratio Lower Upper
216 100
214 77.9 63.7 95.5
179 18.2 14.6 22.0
108 15.1 12.5 18.7





#41
 Hexachlorocyclopentadiene
 Concen: 92.918 ng
 RT: 13.162 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BG057428.D
 Acq: 13 May 2023 5:25

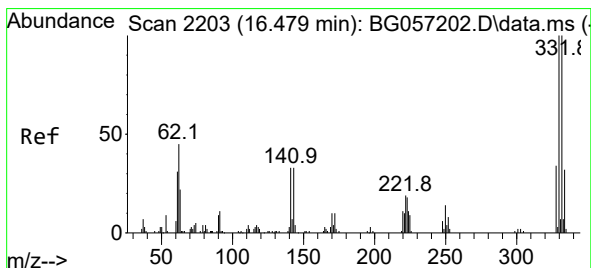
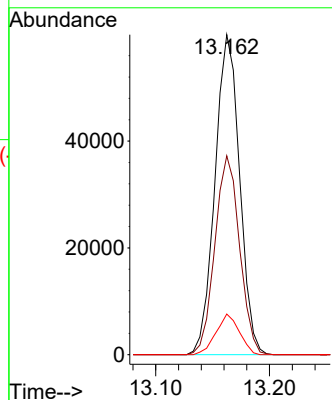
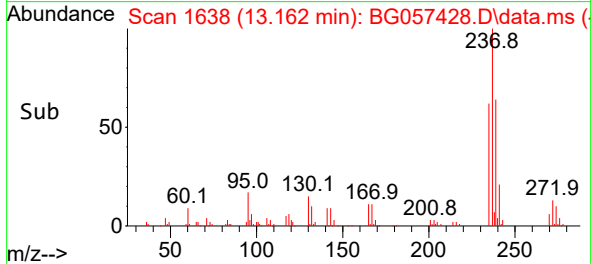
Instrument :
 BNA_G
 ClientSampleId :
 PB152629BSD



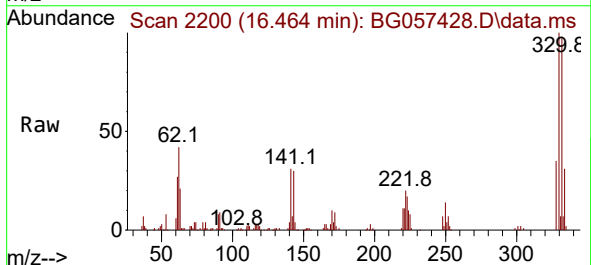
Tgt Ion:237 Resp: 9014
 Ion Ratio Lower Upper
 237 100
 235 62.2 42.0 82.0
 272 12.7 0.0 31.5

Manual Integrations
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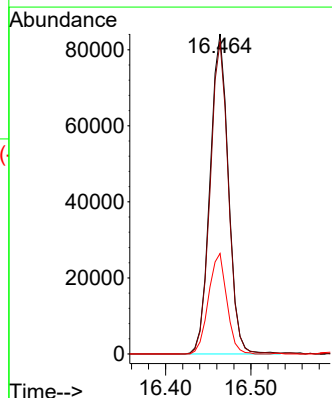
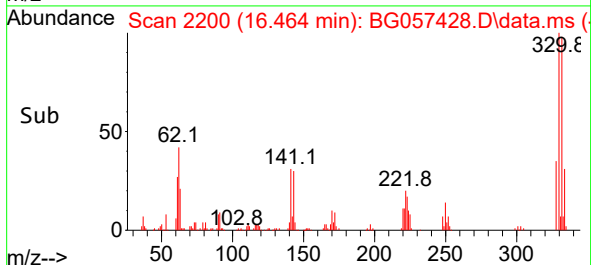
Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023

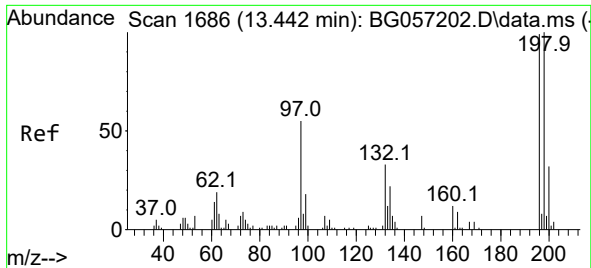


#42
 2,4,6-Tribromophenol
 Concen: 157.932 ng
 RT: 16.464 min Scan# 2200
 Delta R.T. -0.000 min
 Lab File: BG057428.D
 Acq: 13 May 2023 5:25



Tgt Ion:330 Resp: 125904
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.2 117.2
 141 31.2 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 50.535 ng
RT: 13.427 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Instrument :

BNA_G

ClientSampleId :

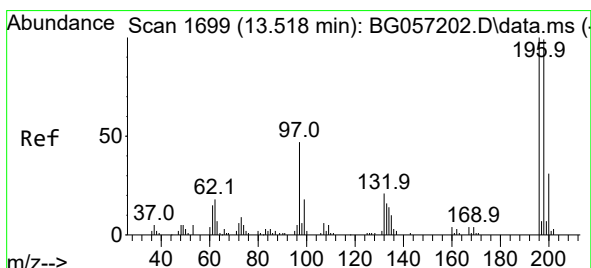
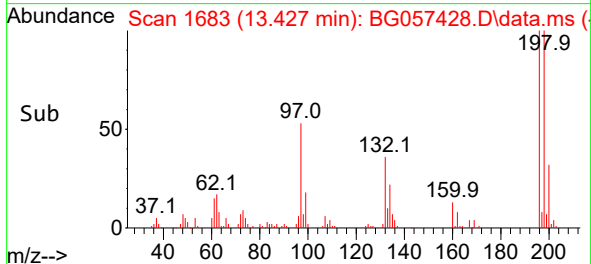
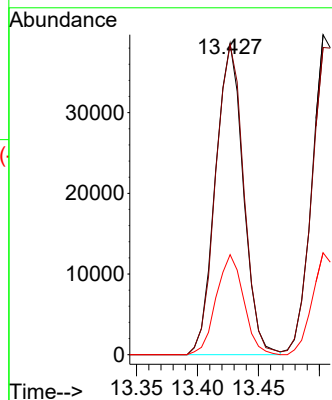
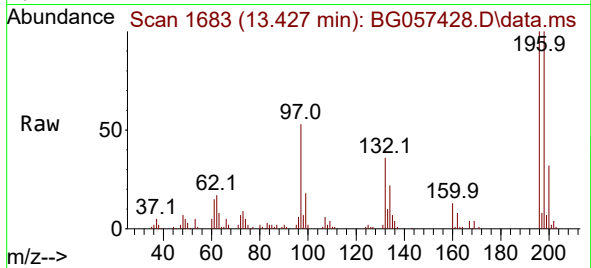
PB152629BSD

Tgt Ion:196 Resp: 61410
Ion Ratio Lower Upper
196 100
198 99.7 81.2 121.8
200 32.2 26.3 39.5

Manual Integrations

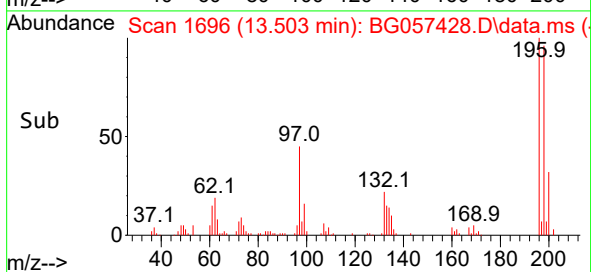
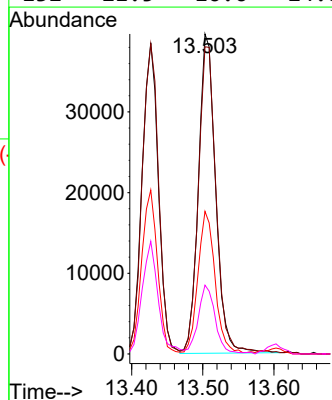
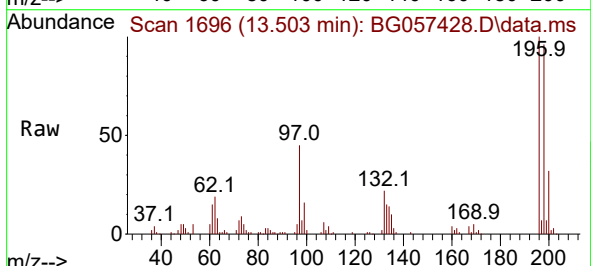
APPROVED

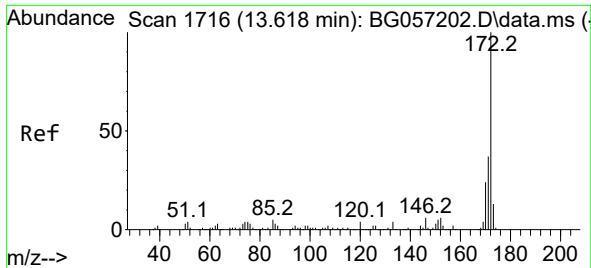
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#44
2,4,5-Trichlorophenol
Concen: 46.742 ng
RT: 13.503 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Tgt Ion:196 Resp: 66813
Ion Ratio Lower Upper
196 100
198 96.0 79.4 119.2
97 44.5 37.0 55.4
132 21.5 16.6 24.8





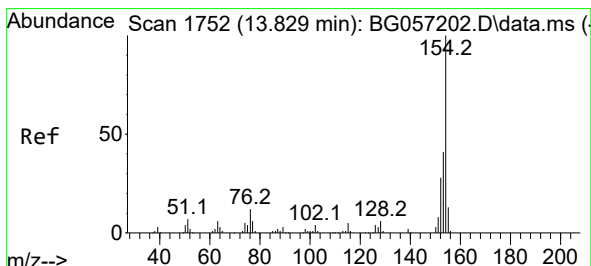
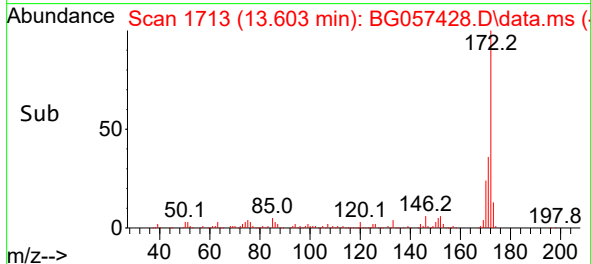
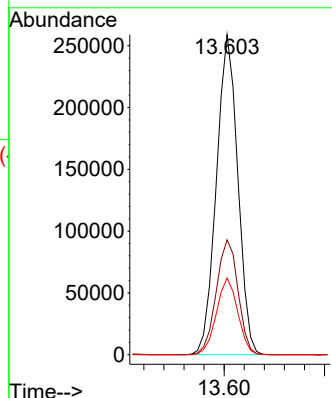
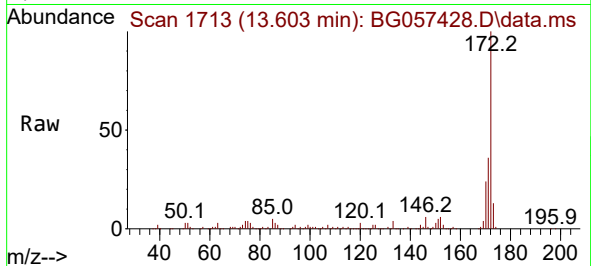
#45
2-Fluorobiphenyl
Concen: 91.718 ng
RT: 13.603 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Instrument :
BNA_G
ClientSampleId :
PB152629BSD

Tgt Ion:172 Resp: 382629
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 24.0 19.0 28.6

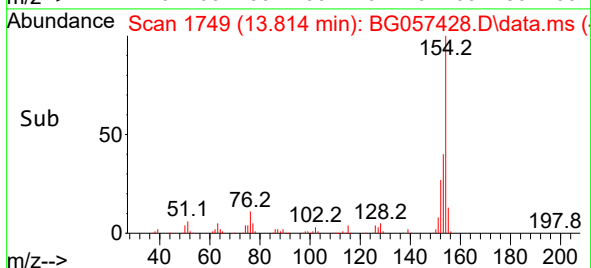
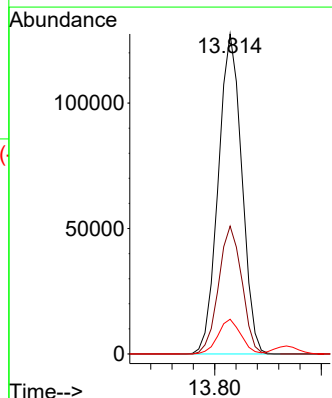
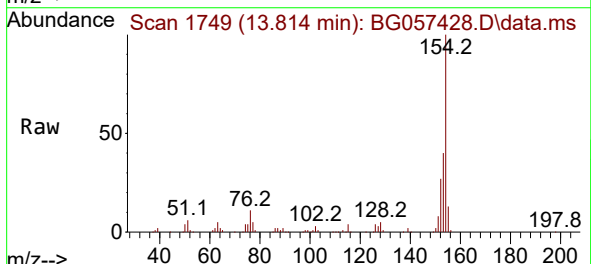
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#46
1,1'-Biphenyl
Concen: 46.759 ng
RT: 13.814 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

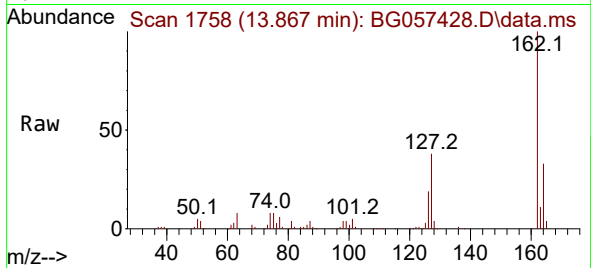
Tgt Ion:154 Resp: 194944
Ion Ratio Lower Upper
154 100
153 39.9 20.9 60.9
76 10.9 0.0 31.7





#47
2-Chloronaphthalene
Concen: 47.755 ng
RT: 13.867 min Scan# 1761
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

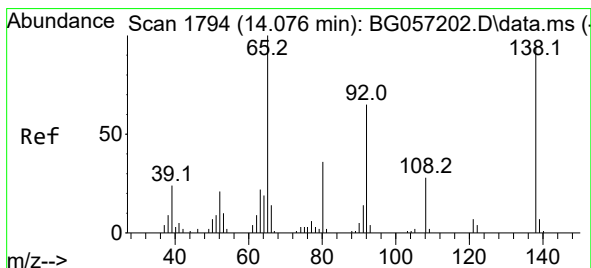
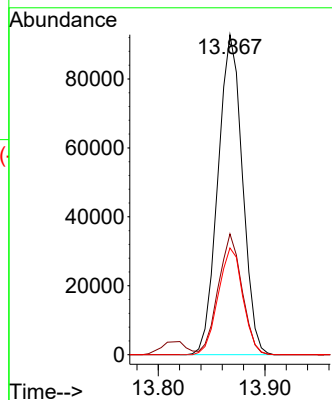
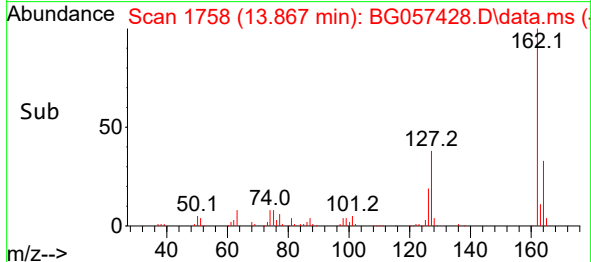
Instrument :
BNA_G
ClientSampleId :
PB152629BSD



Tgt Ion:162 Resp: 148054
Ion Ratio Lower Upper
162 100
127 37.8 29.8 44.6
164 33.4 26.6 40.0

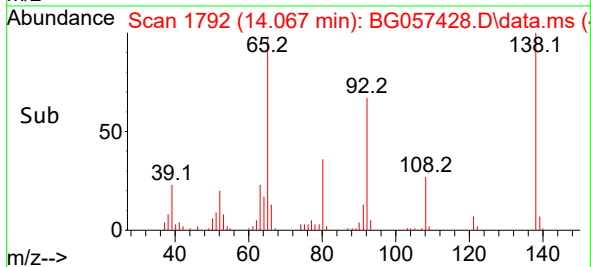
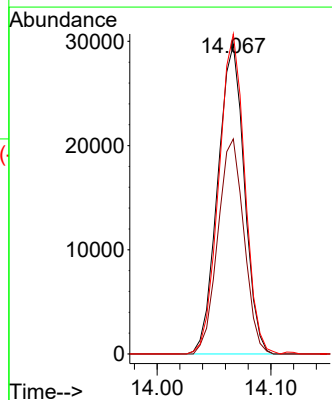
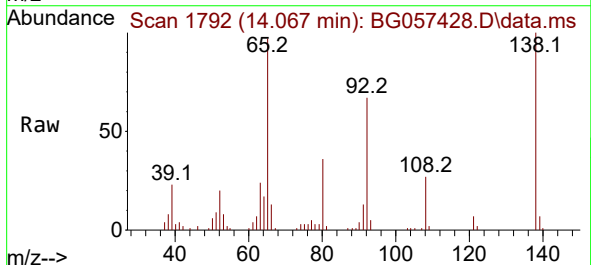
Manual Integrations
APPROVED

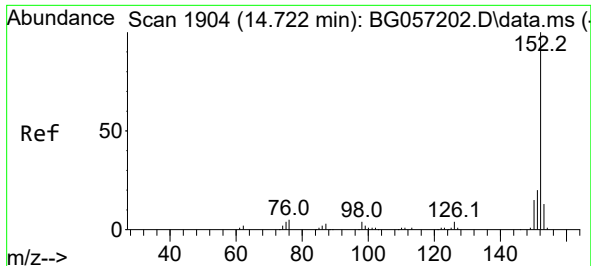
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#48
2-Nitroaniline
Concen: 45.674 ng
RT: 14.067 min Scan# 1792
Delta R.T. 0.005 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Tgt Ion: 65 Resp: 48147
Ion Ratio Lower Upper
65 100
92 69.5 52.1 78.1
138 103.4 75.3 112.9





#49

Acenaphthylene

Concen: 46.365 ng

RT: 14.707 min Scan# 1904

Delta R.T. -0.000 min

Lab File: BG057428.D

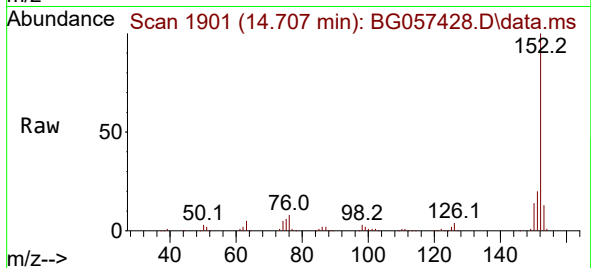
Acq: 13 May 2023 5:25

Instrument :

BNA_G

ClientSampleId :

PB152629BSD



Tgt Ion:152 Resp: 233530

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

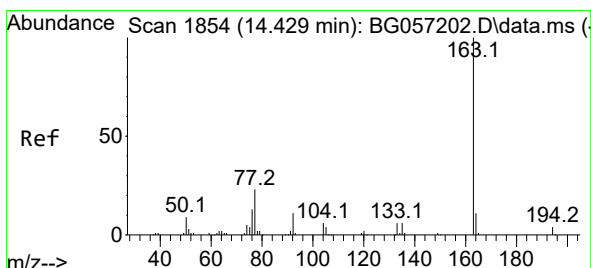
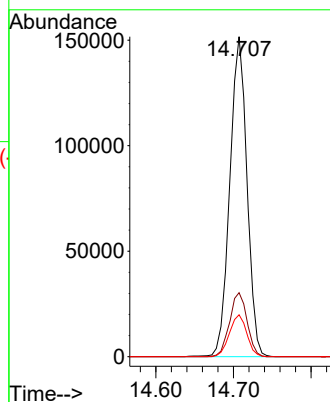
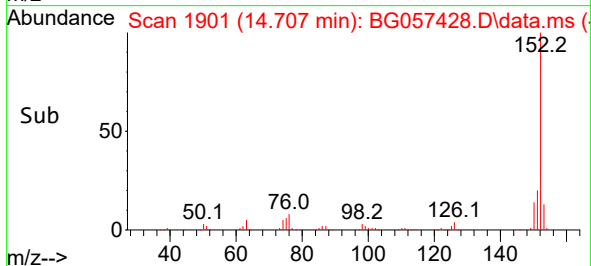
153 13.1 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#50

Dimethylphthalate

Concen: 44.659 ng

RT: 14.414 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BG057428.D

Acq: 13 May 2023 5:25

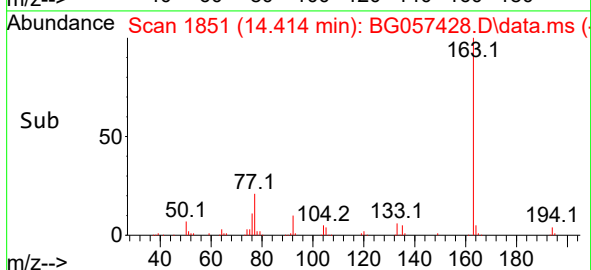
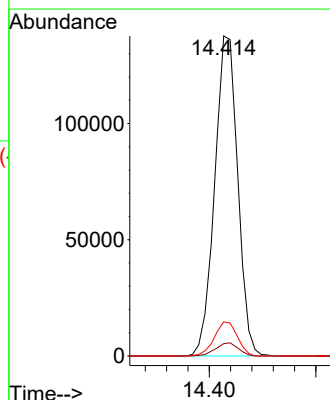
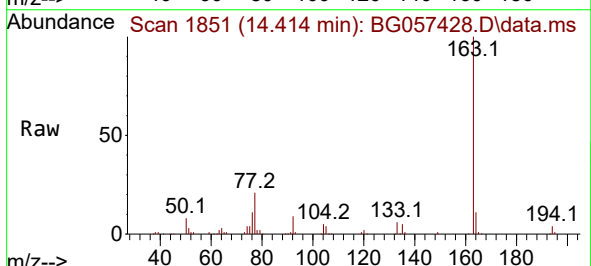
Tgt Ion:163 Resp: 206191

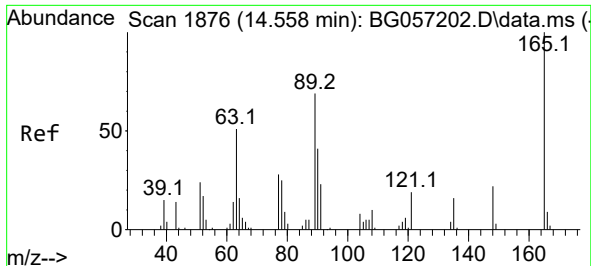
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

164 10.6 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 48.660 ng
RT: 14.549 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Instrument :

BNA_G

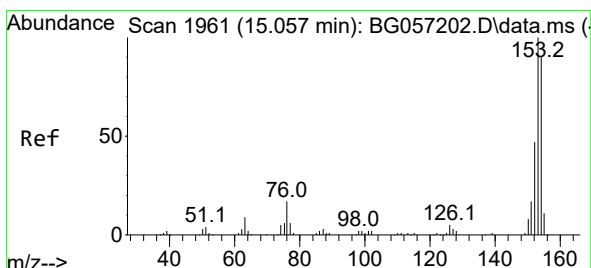
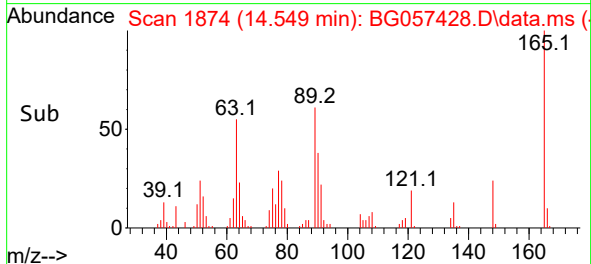
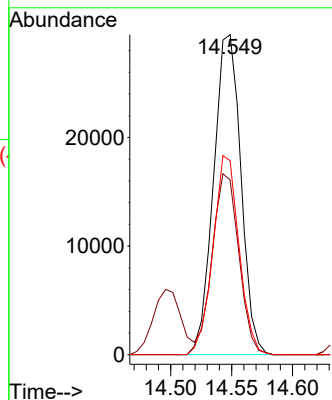
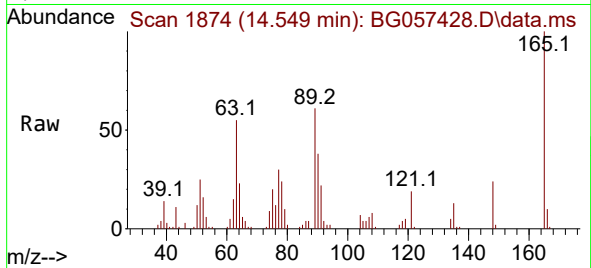
ClientSampleId :

PB152629BSD

Tgt Ion:165 Resp: 4587
Ion Ratio Lower Upper
165 100
63 54.6 50.9 76.3
89 60.6 55.2 82.8

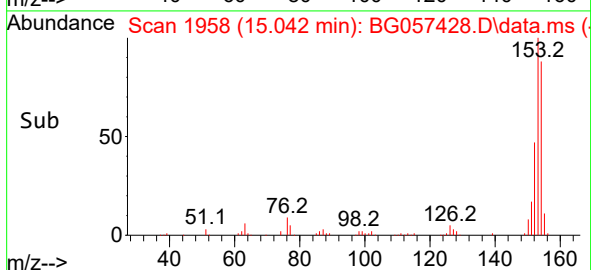
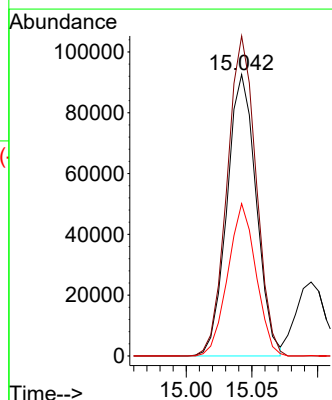
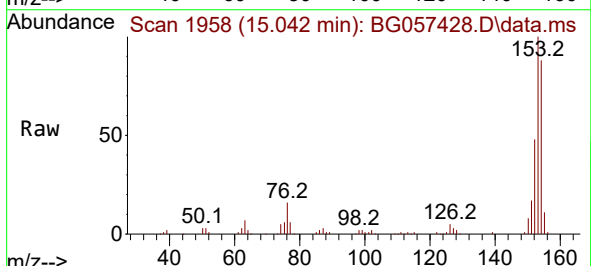
Manual Integrations
APPROVED

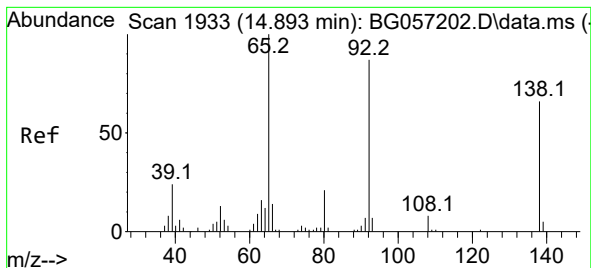
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#52
Acenaphthene
Concen: 45.643 ng
RT: 15.042 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

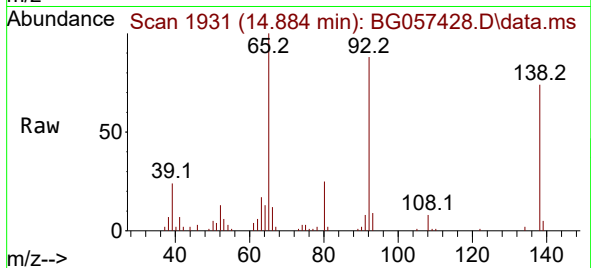
Tgt Ion:154 Resp: 143655
Ion Ratio Lower Upper
154 100
153 113.7 89.3 133.9
152 54.1 41.7 62.5





#53
3-Nitroaniline
Concen: 27.614 ng
RT: 14.884 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

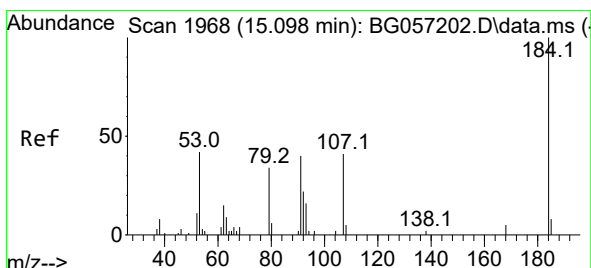
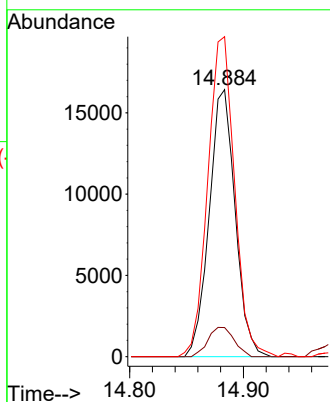
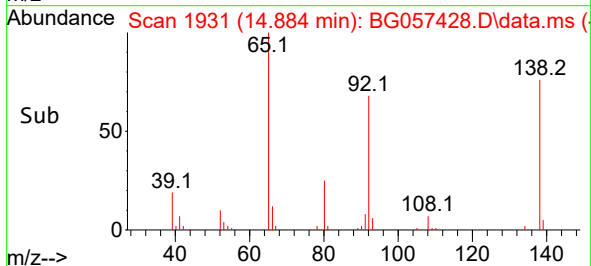
Instrument :
BNA_G
ClientSampleId :
PB152629BSD



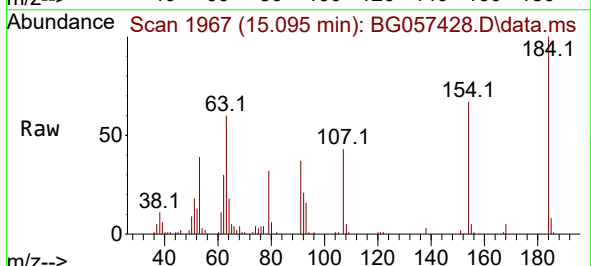
Tgt Ion:138 Resp: 26079
Ion Ratio Lower Upper
138 100
108 10.9 9.5 14.3
92 119.8 106.2 159.4

Manual Integrations
APPROVED

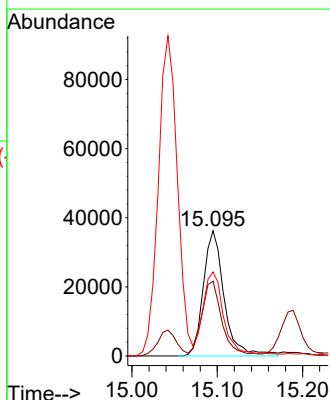
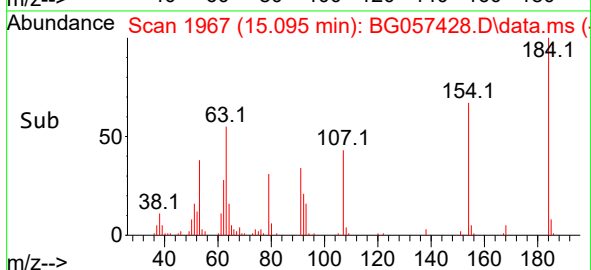
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

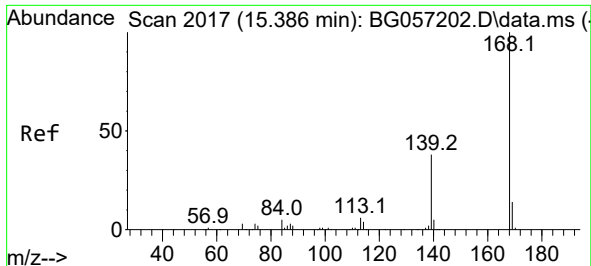


#54
2,4-Dinitrophenol
Concen: 103.784 ng
RT: 15.095 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25



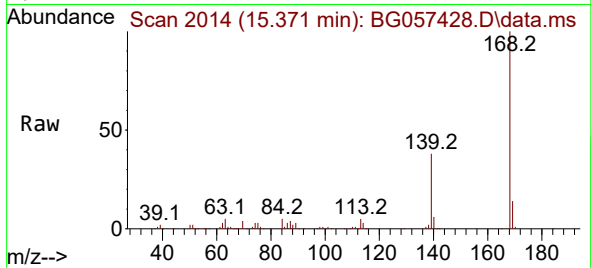
Tgt Ion:184 Resp: 61497
Ion Ratio Lower Upper
184 100
63 59.8 48.2 72.4
154 67.2 55.4 83.2





#55
Dibenzenofuran
Concen: 46.108 ng
RT: 15.371 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

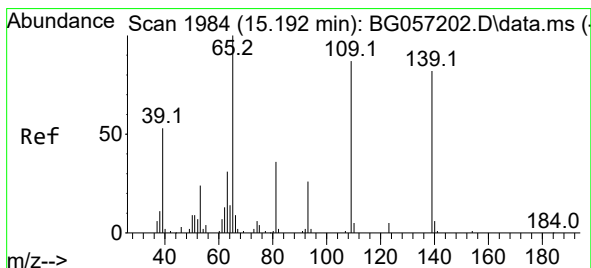
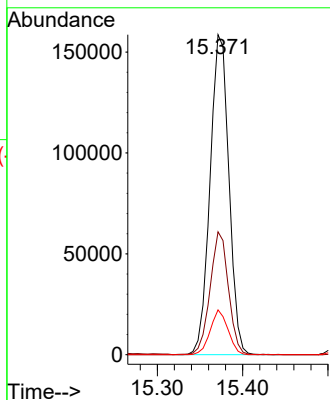
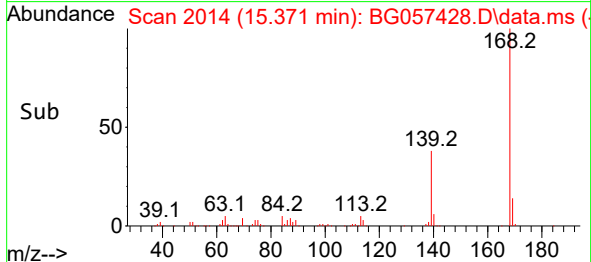
Instrument :
BNA_G
ClientSampleId :
PB152629BSD



Tgt Ion:168 Resp: 243825
Ion Ratio Lower Upper
168 100
139 38.4 30.7 46.1
169 14.0 10.9 16.3

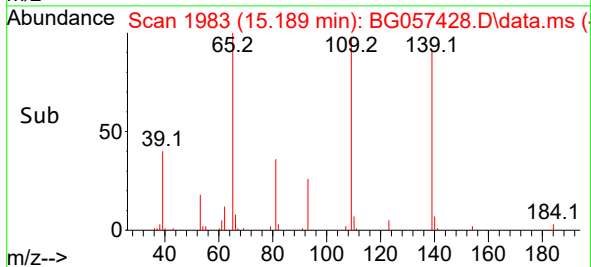
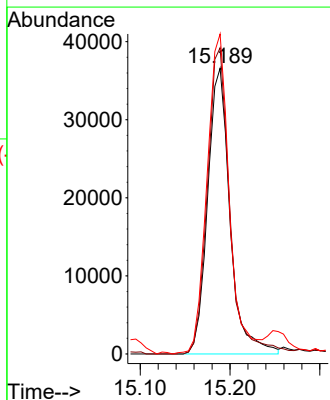
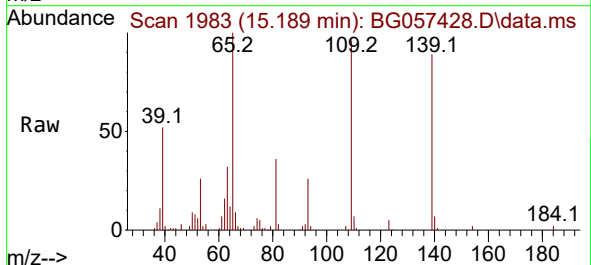
Manual Integrations
APPROVED

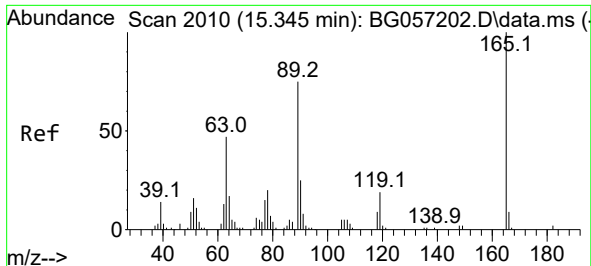
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#56
4-Nitrophenol
Concen: 100.737 ng
RT: 15.189 min Scan# 1983
Delta R.T. 0.005 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Tgt Ion:139 Resp: 63274
Ion Ratio Lower Upper
139 100
109 107.2 86.6 126.6
65 112.0 102.6 142.6





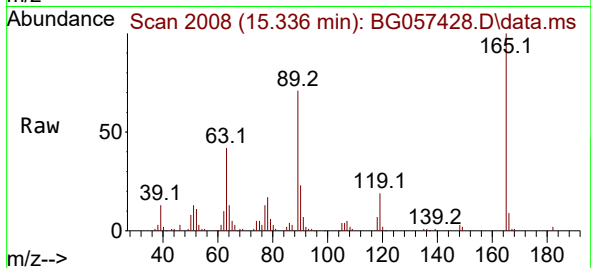
#57
2,4-Dinitrotoluene
Concen: 49.872 ng
RT: 15.336 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Instrument :

BNA_G

ClientSampleId :

PB152629BSD

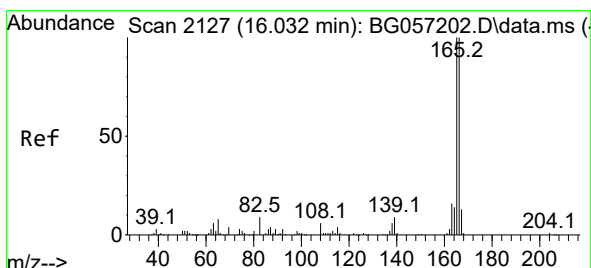
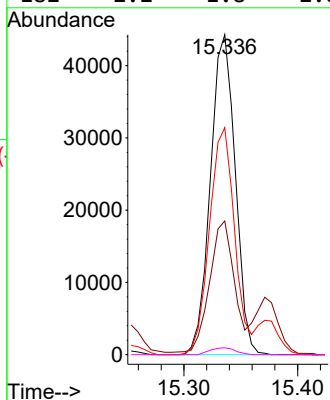
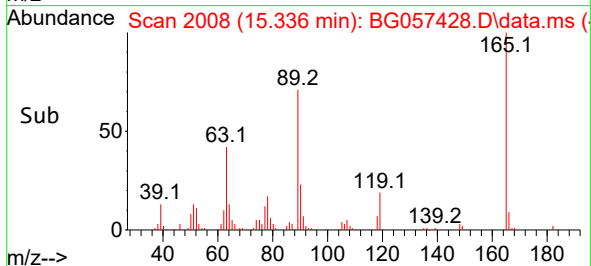


Tgt Ion:165 Resp: 67190
Ion Ratio Lower Upper
165 100
63 41.8 37.5 56.3
89 71.0 60.2 90.4
182 2.2 1.8 2.8

Manual Integrations

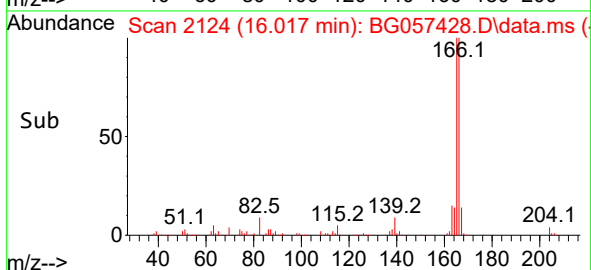
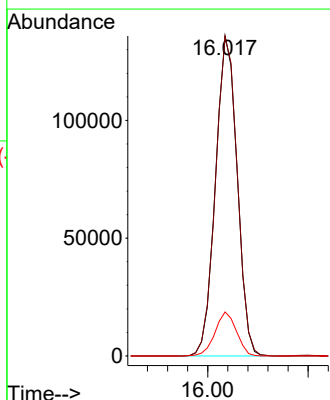
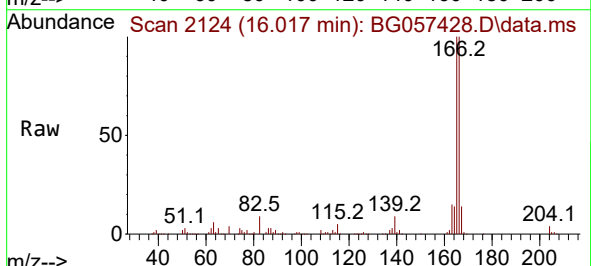
APPROVED

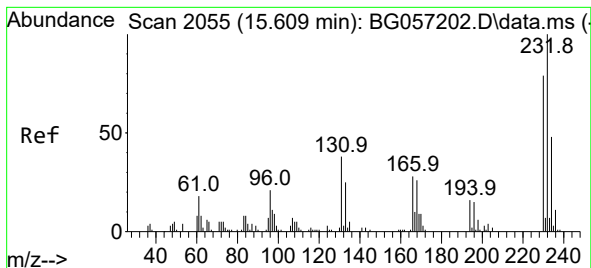
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#58
Fluorene
Concen: 46.600 ng
RT: 16.017 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

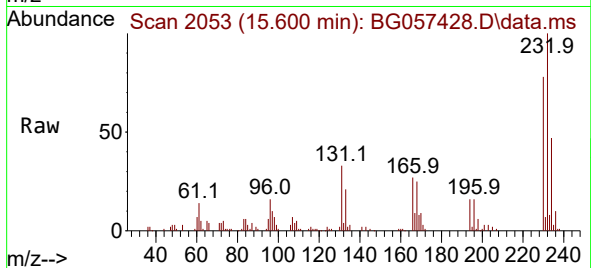
Tgt Ion:166 Resp: 202984
Ion Ratio Lower Upper
166 100
165 99.9 80.1 120.1
167 13.7 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.634 ng
RT: 15.600 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

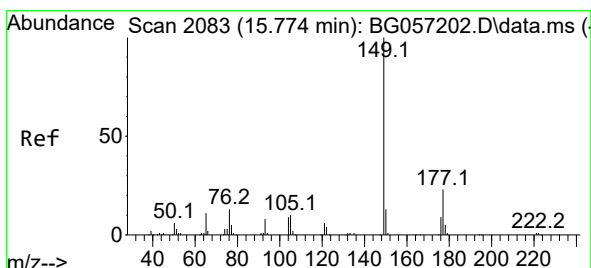
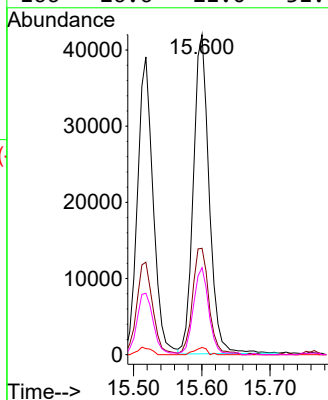
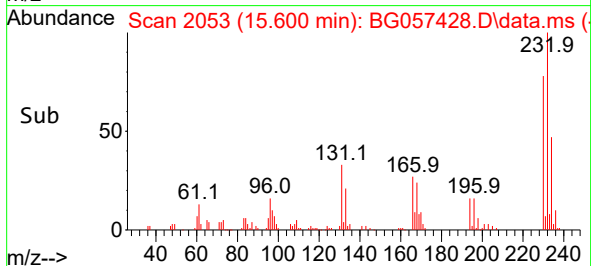
Instrument :
BNA_G
ClientSampleId :
PB152629BSD



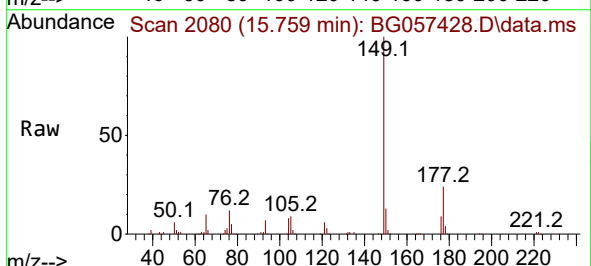
Tgt Ion:232 Resp: 6691
Ion Ratio Lower Upper
232 100
131 34.7 28.6 42.8
130 1.8 1.6 2.4
166 26.6 21.0 31.6

Manual Integrations
APPROVED

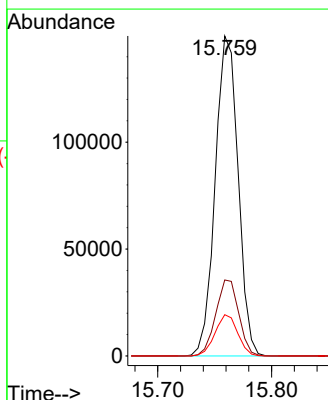
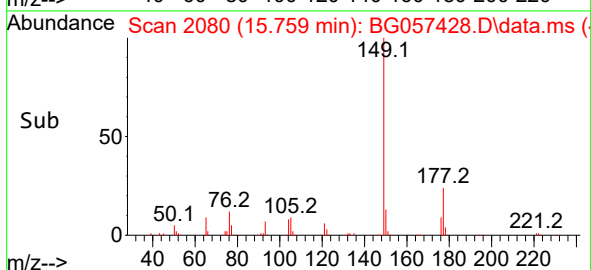
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

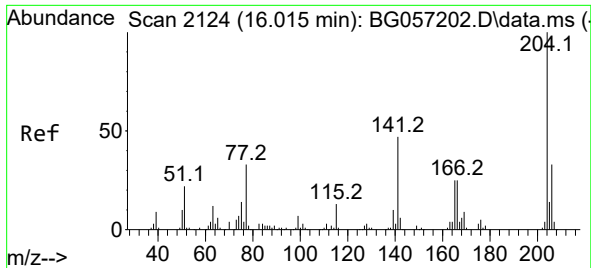


#60
Diethylphthalate
Concen: 44.657 ng
RT: 15.759 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25



Tgt Ion:149 Resp: 209386
Ion Ratio Lower Upper
149 100
177 23.8 18.3 27.5
150 12.9 10.1 15.1





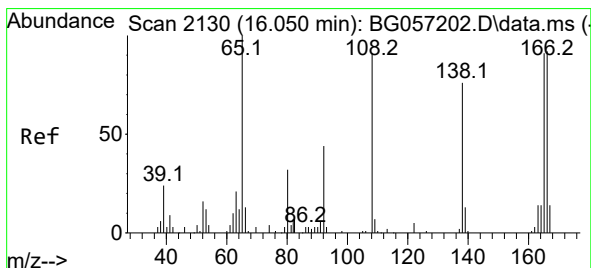
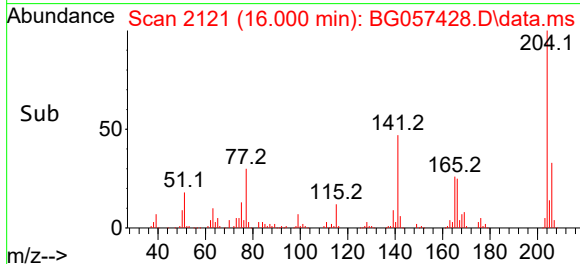
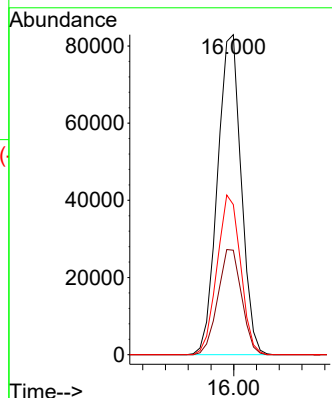
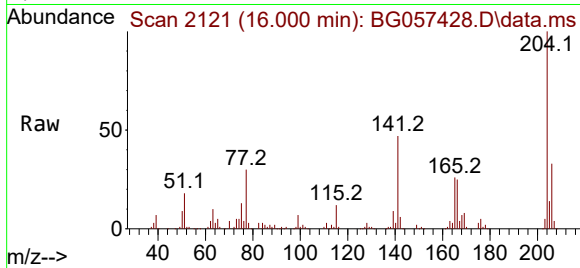
#61
4-Chlorophenyl-phenylether
Concen: 45.661 ng
RT: 16.000 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Instrument :
BNA_G
ClientSampleId :
PB152629BSD

Tgt Ion:204 Resp: 119819
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 46.9 37.4 56.0

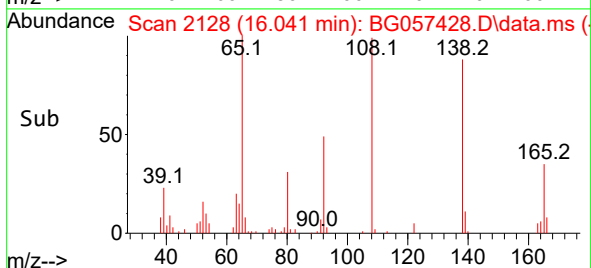
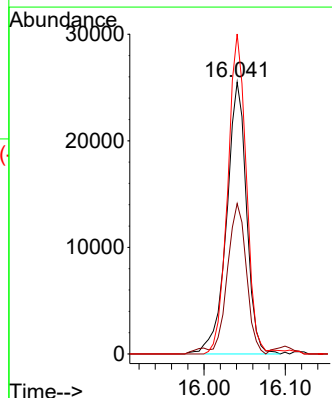
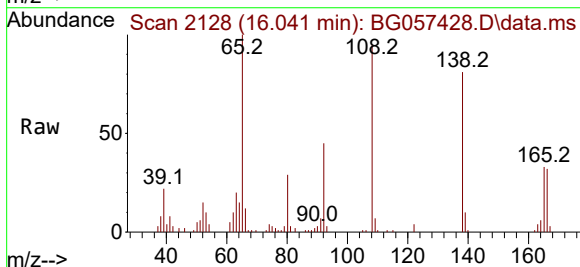
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#62
4-Nitroaniline
Concen: 45.512 ng
RT: 16.041 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Tgt Ion:138 Resp: 43361
Ion Ratio Lower Upper
138 100
92 55.3 38.2 78.2
108 117.7 99.6 139.6





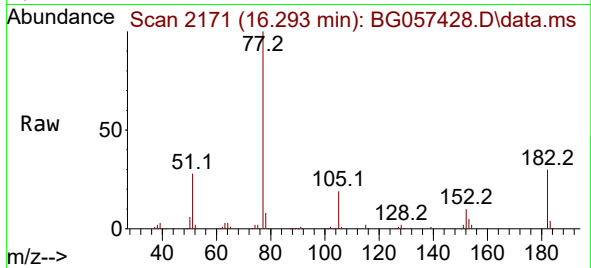
#63
Azobenzene
Concen: 42.261 ng
RT: 16.293 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Instrument :

BNA_G

ClientSampleId :

PB152629BSD

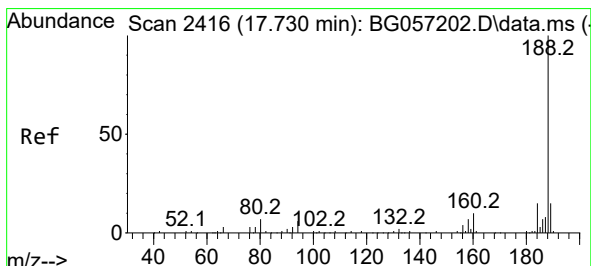
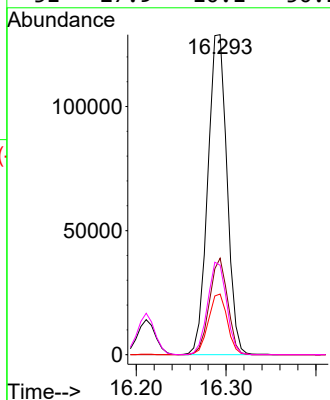
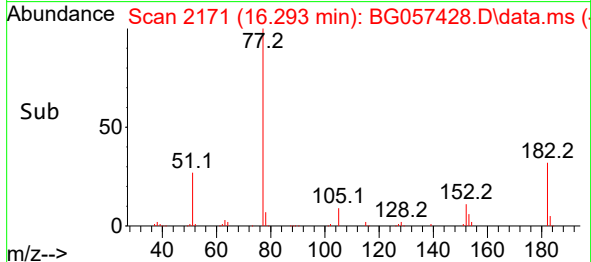


Tgt Ion: 77 Resp: 191190
Ion Ratio Lower Upper
77 100
182 30.2 7.4 47.4
105 19.0 0.0 37.2
51 27.9 10.1 50.1

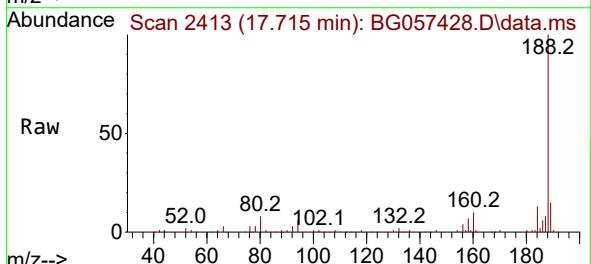
Manual Integrations

APPROVED

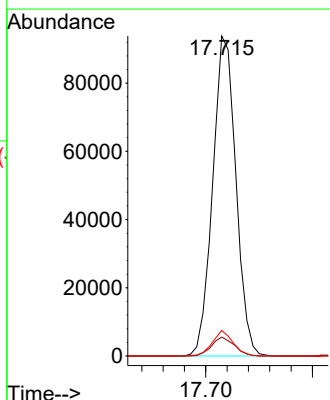
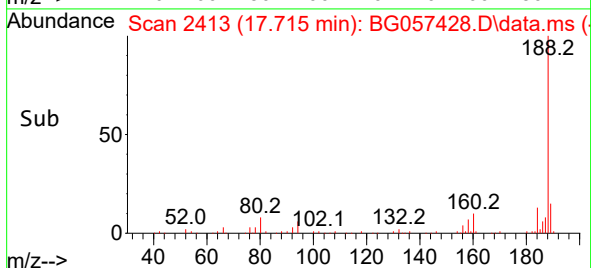
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

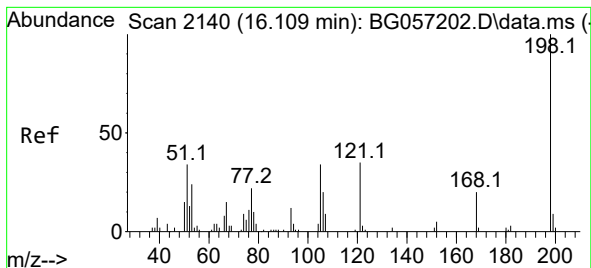


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.715 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25



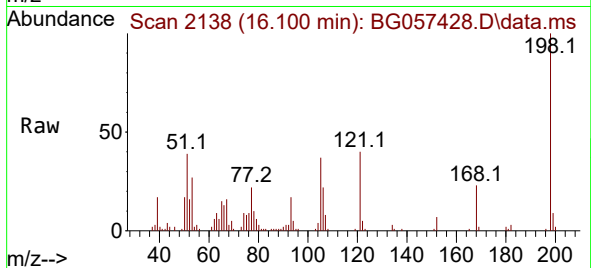
Tgt Ion:188 Resp: 141462
Ion Ratio Lower Upper
188 100
94 5.9 5.1 7.7
80 8.0 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 54.811 ng
RT: 16.100 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

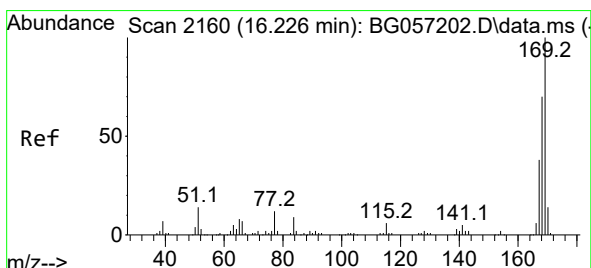
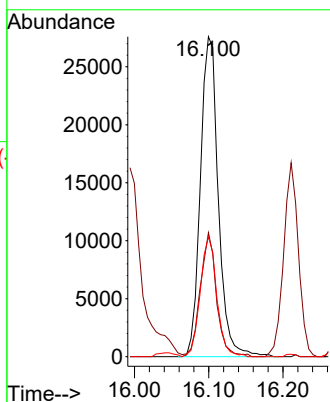
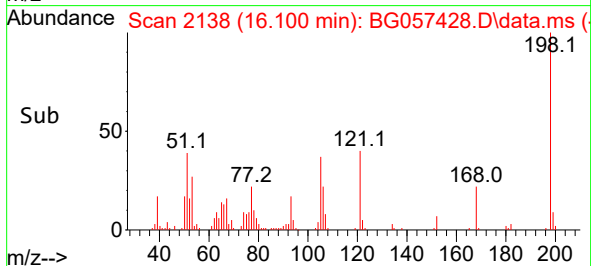
Instrument :
BNA_G
ClientSampleId :
PB152629BSD



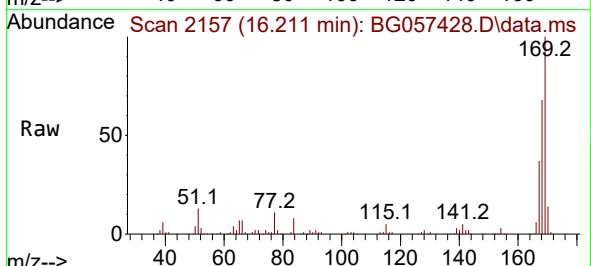
Tgt Ion:198 Resp: 46292
Ion Ratio Lower Upper
198 100
51 38.7 16.1 56.1
105 37.5 14.0 54.0

Manual Integrations
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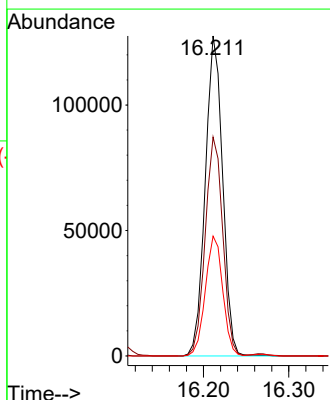
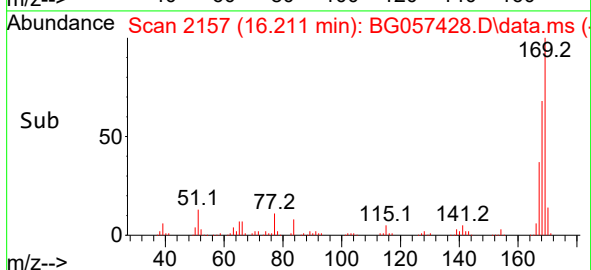
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#66
n-Nitrosodiphenylamine
Concen: 46.884 ng
RT: 16.211 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25



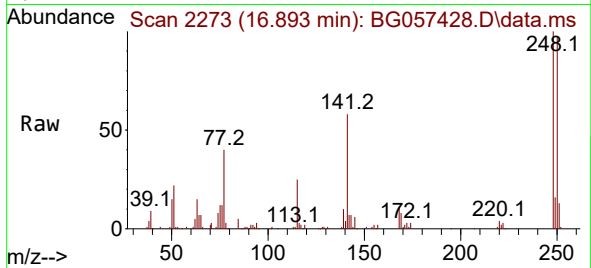
Tgt Ion:169 Resp: 180132
Ion Ratio Lower Upper
169 100
168 68.4 56.2 84.4
167 37.4 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 46.899 ng
RT: 16.893 min Scan# 211
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

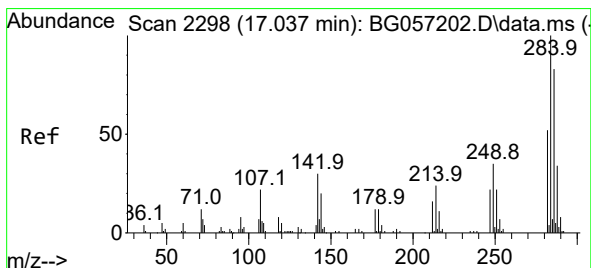
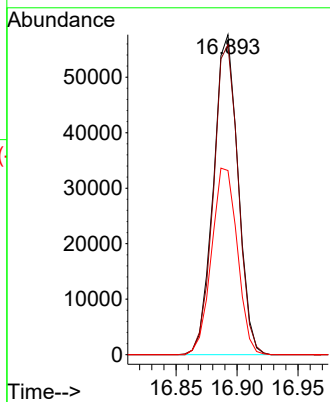
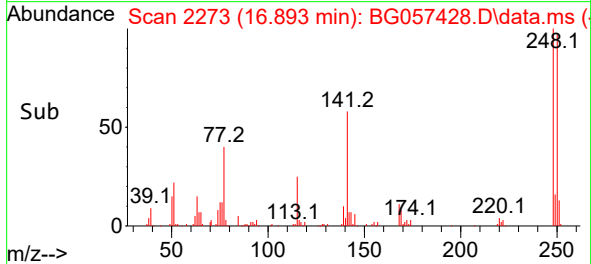
Instrument :
BNA_G
ClientSampleId :
PB152629BSD



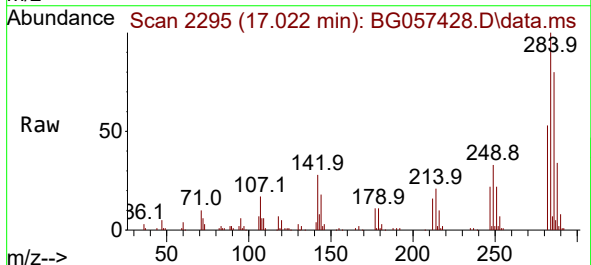
Tgt Ion:248 Resp: 80990
Ion Ratio Lower Upper
248 100
250 96.9 77.0 115.6
141 57.6 48.6 72.8

Manual Integrations
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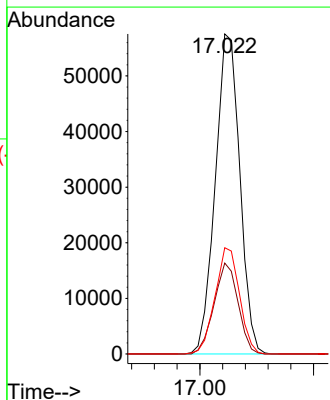
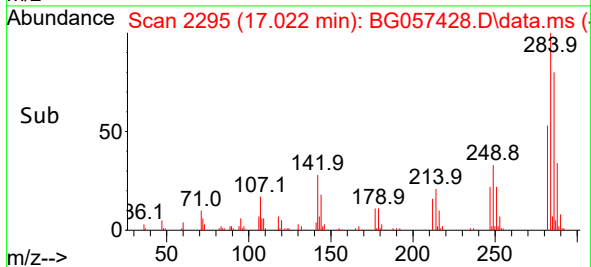
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

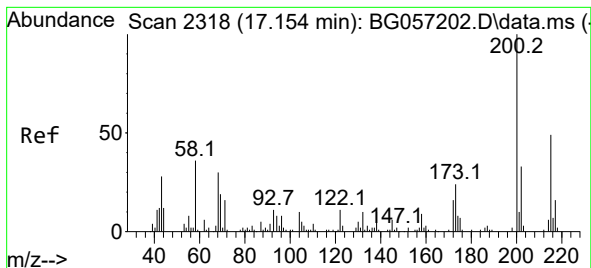


#68
Hexachlorobenzene
Concen: 51.436 ng
RT: 17.022 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25



Tgt Ion:284 Resp: 86317
Ion Ratio Lower Upper
284 100
142 28.4 23.9 35.9
249 33.2 27.7 41.5





#69

Atrazine

Concen: 49.909 ng

RT: 17.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG057428.D

Acq: 13 May 2023 5:25

Instrument :

BNA_G

ClientSampleId :

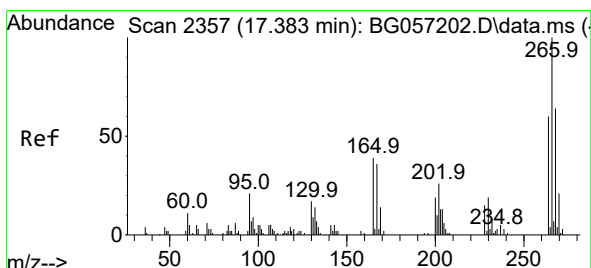
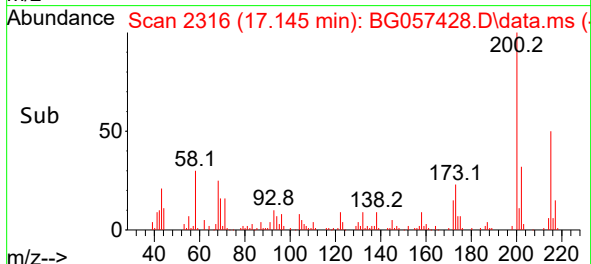
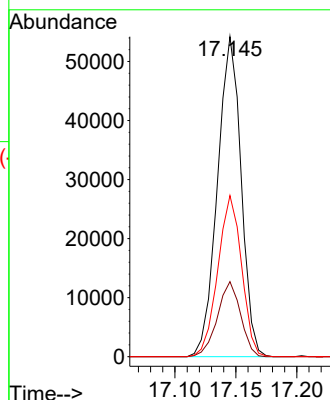
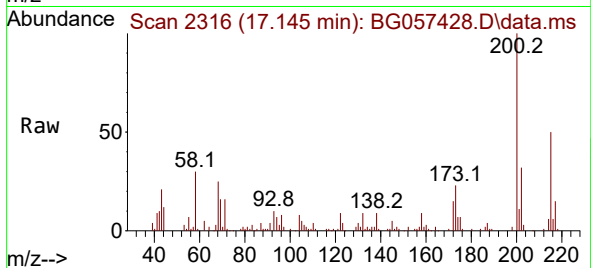
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Tgt Ion:200 Resp: 73148
 Ion Ratio Lower Upper
 200 100
 173 23.4 4.3 44.3
 215 50.4 29.3 69.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023



#70

Pentachlorophenol

Concen: 92.781 ng

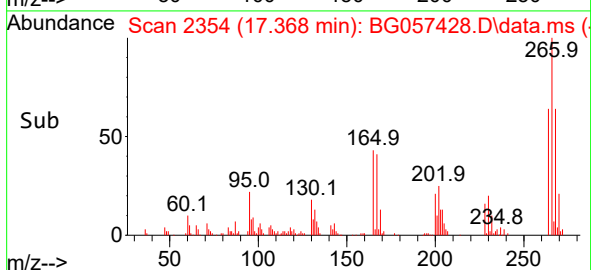
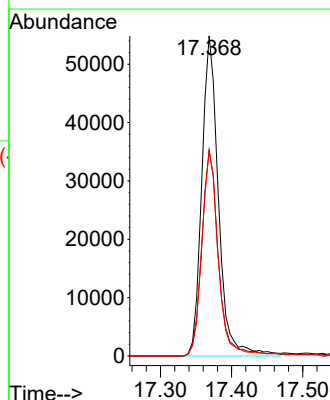
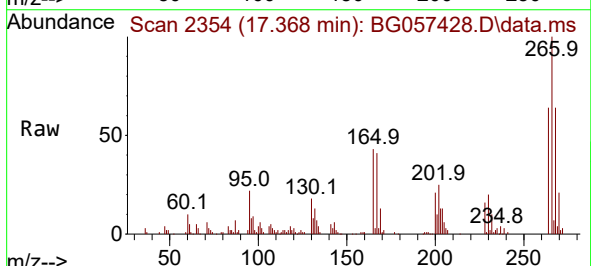
RT: 17.368 min Scan# 2354

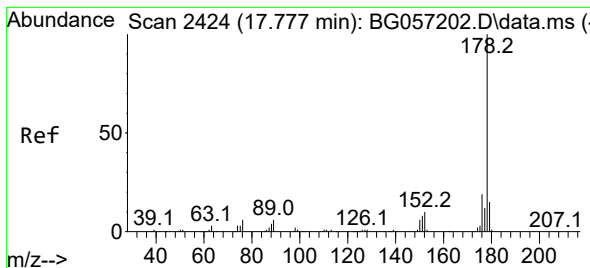
Delta R.T. -0.006 min

Lab File: BG057428.D

Acq: 13 May 2023 5:25

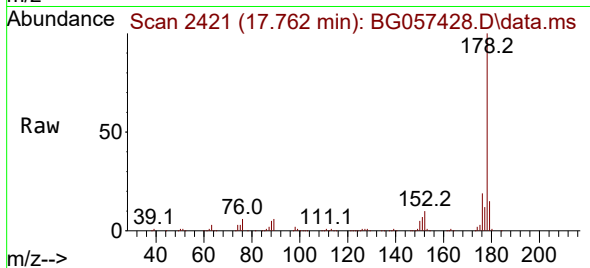
Tgt Ion:266 Resp: 89733
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.0 76.6
 264 64.2 47.8 71.6





#71
Phenanthrene
Concen: 47.222 ng
RT: 17.762 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

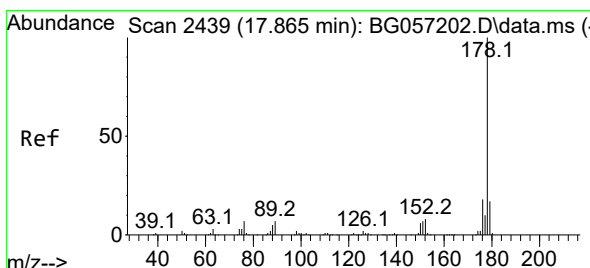
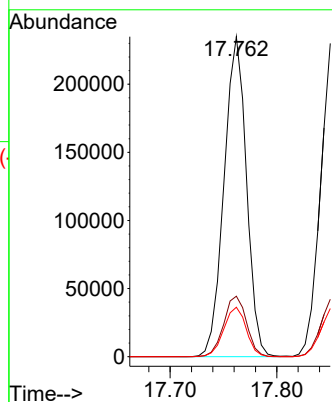
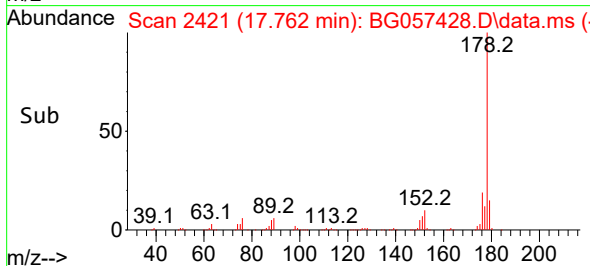
Instrument :
BNA_G
ClientSampleId :
PB152629BSD



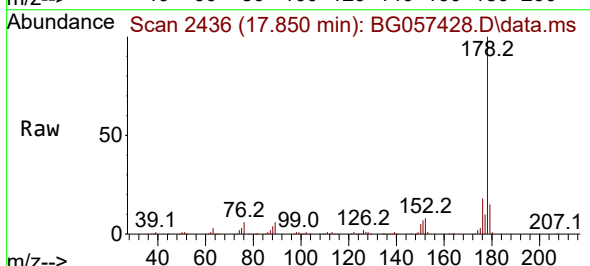
Tgt Ion:178 Resp: 342300
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.5 12.3 18.5

Manual Integrations
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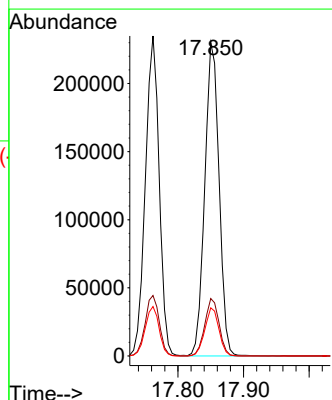
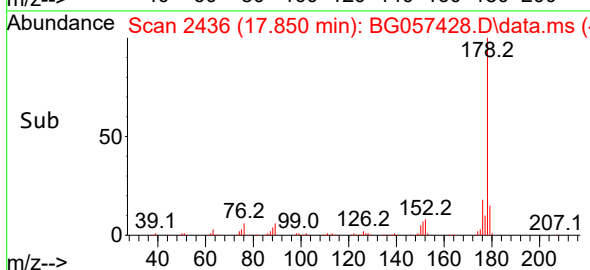
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

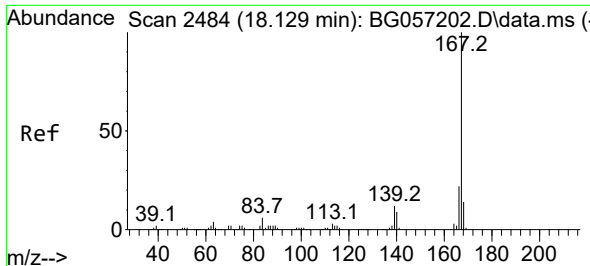


#72
Anthracene
Concen: 47.020 ng
RT: 17.850 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25



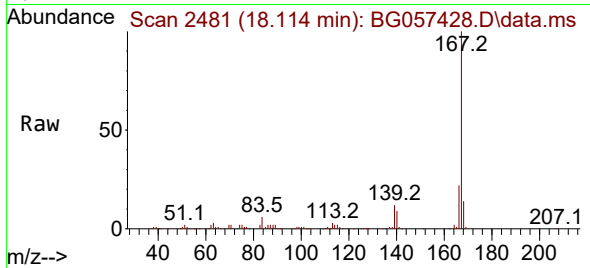
Tgt Ion:178 Resp: 349727
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.4 13.2 19.8





#73
Carbazole
Concen: 48.065 ng
RT: 18.114 min Scan# 2481
Delta R.T. -0.006 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

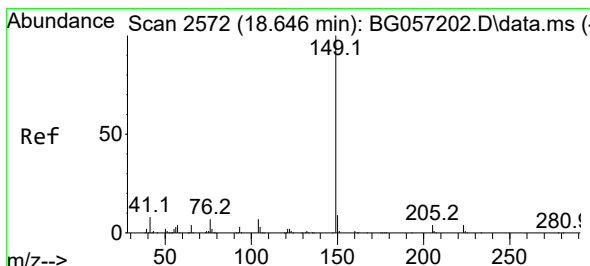
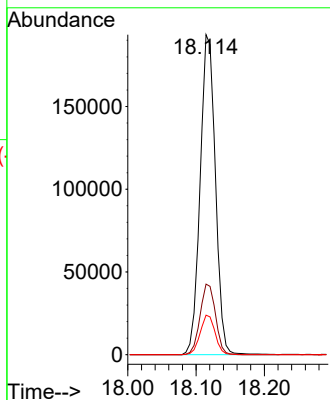
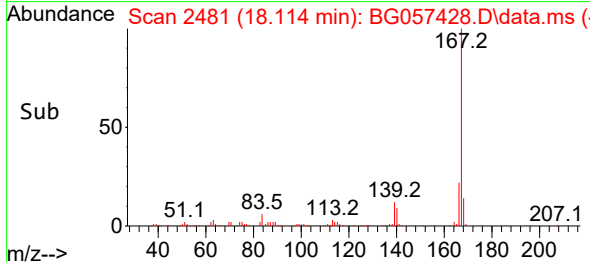
Instrument :
BNA_G
ClientSampleId :
PB152629BSD



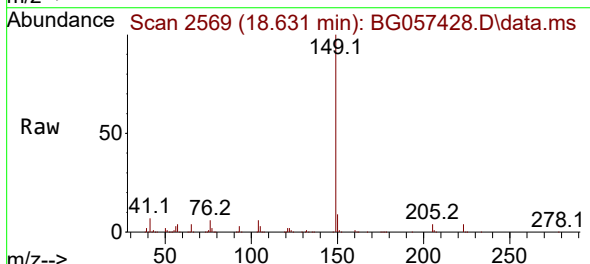
Tgt Ion:167 Resp: 300970
Ion Ratio Lower Upper
167 100
166 22.1 17.4 26.0
139 12.4 9.6 14.4

Manual Integrations
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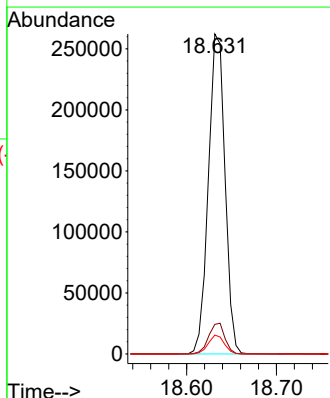
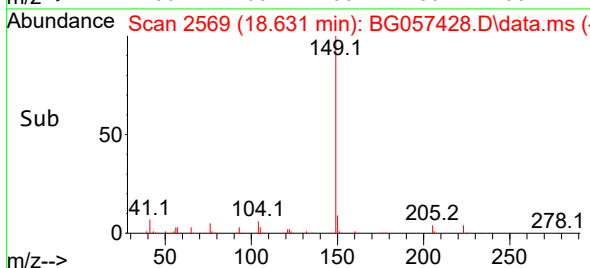
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

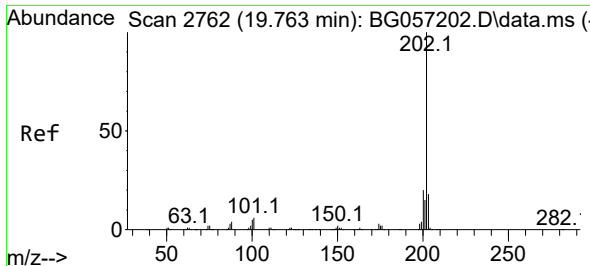


#74
Di-n-butylphthalate
Concen: 46.806 ng
RT: 18.631 min Scan# 2569
Delta R.T. -0.006 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25



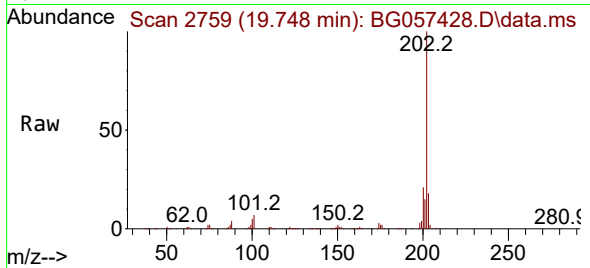
Tgt Ion:149 Resp: 337207
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 5.9 5.4 8.2





#75
Fluoranthene
Concen: 46.271 ng
RT: 19.748 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

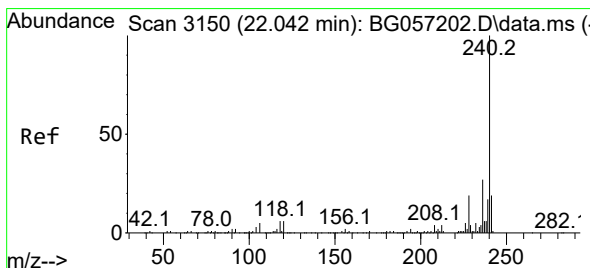
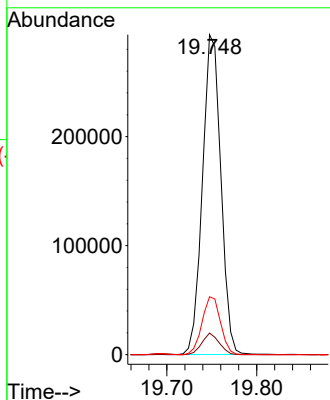
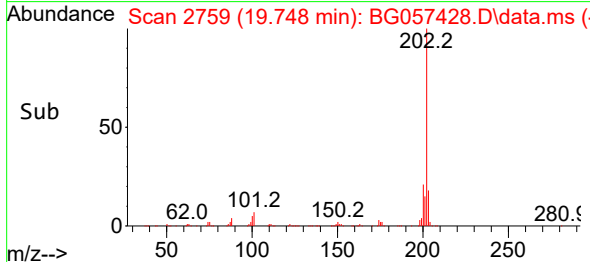
Instrument :
BNA_G
ClientSampleId :
PB152629BSD



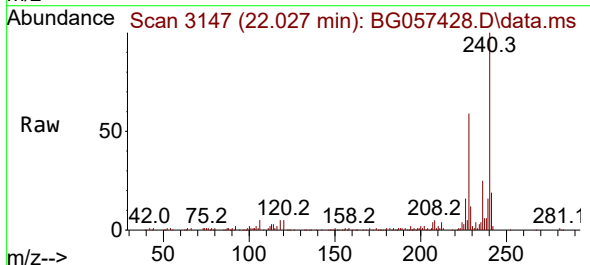
Tgt Ion:202 Resp: 41716
Ion Ratio Lower Upper
202 100
101 6.7 0.0 26.2
203 18.1 0.0 37.9

Manual Integrations
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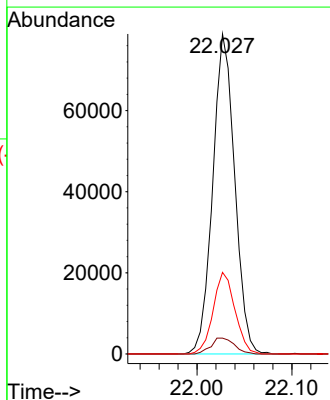
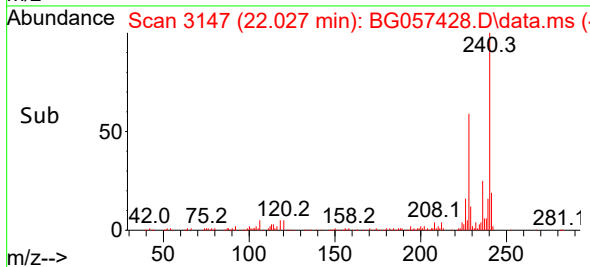
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

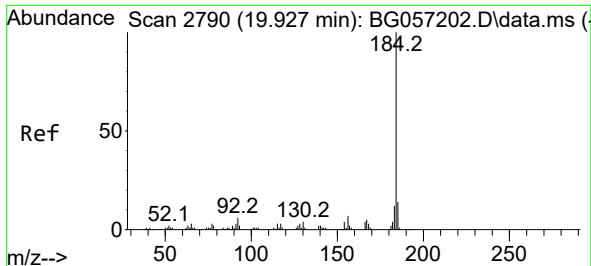


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.027 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25



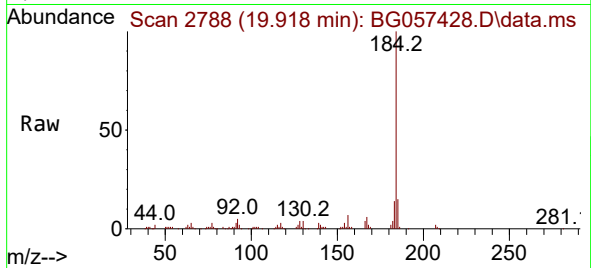
Tgt Ion:240 Resp: 126930
Ion Ratio Lower Upper
240 100
120 5.0 4.9 7.3
236 25.5 21.4 32.2





#77
Benzidine
Concen: 33.816 ng
RT: 19.918 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

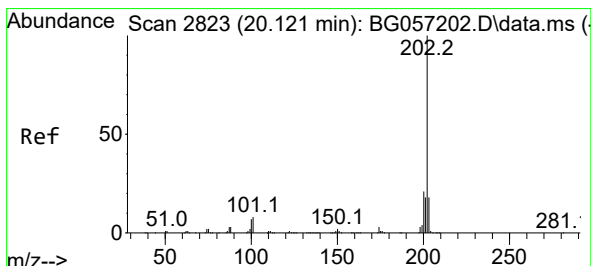
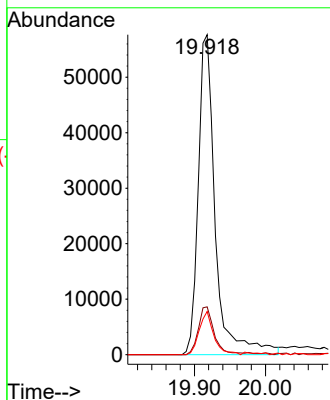
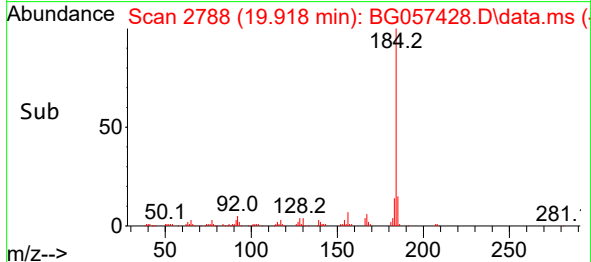
Instrument :
BNA_G
ClientSampleId :
PB152629BSD



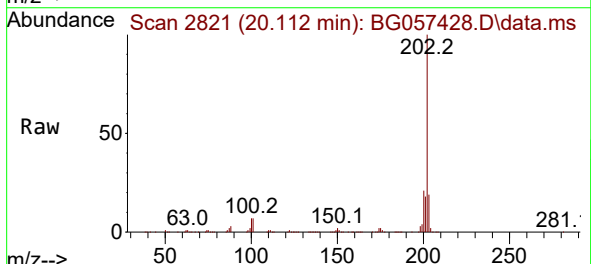
Tgt Ion:184 Resp: 95960
Ion Ratio Lower Upper
184 100
185 15.0 11.1 16.7
183 13.5 9.9 14.9

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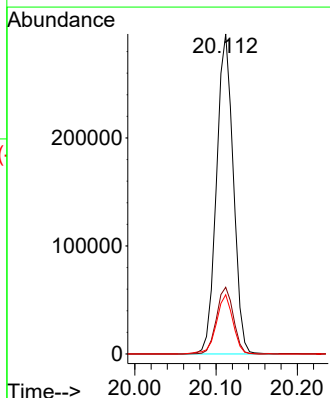
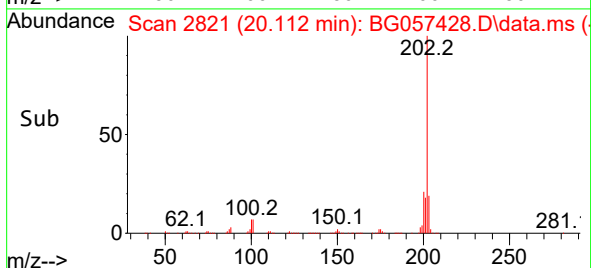
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

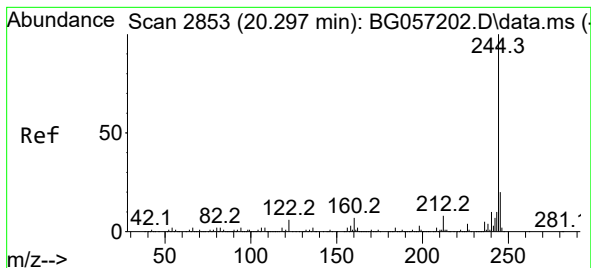


#78
Pyrene
Concen: 46.128 ng
RT: 20.112 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25



Tgt Ion:202 Resp: 425459
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 18.5 14.2 21.4





#79

Terphenyl-d14

Concen: 95.418 ng

RT: 20.288 min Scan# 2851

Delta R.T. -0.000 min

Lab File: BG057428.D

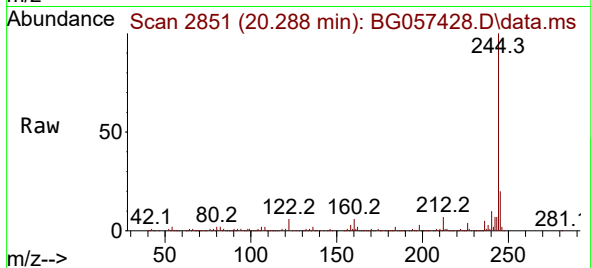
Acq: 13 May 2023 5:25

Instrument :

BNA_G

ClientSampleId :

PB152629BSD



Tgt Ion:244 Resp: 742150

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

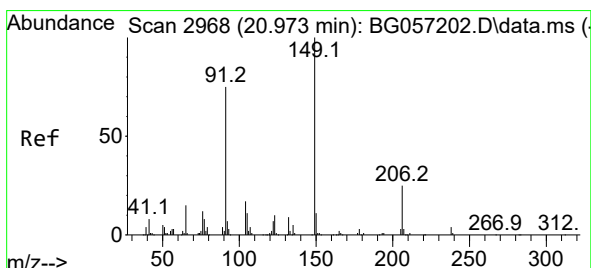
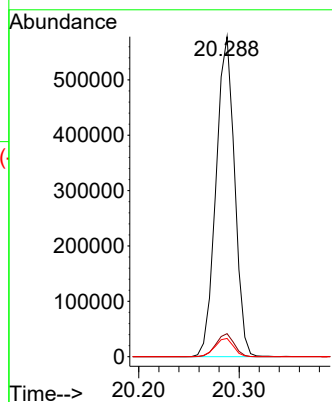
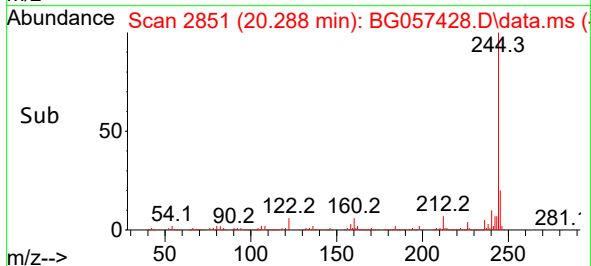
122 5.7 5.1 7.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#80

Butylbenzylphthalate

Concen: 50.900 ng

RT: 20.964 min Scan# 2966

Delta R.T. -0.000 min

Lab File: BG057428.D

Acq: 13 May 2023 5:25

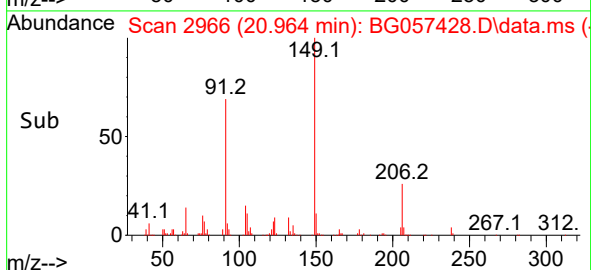
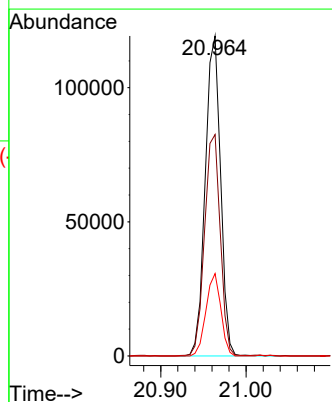
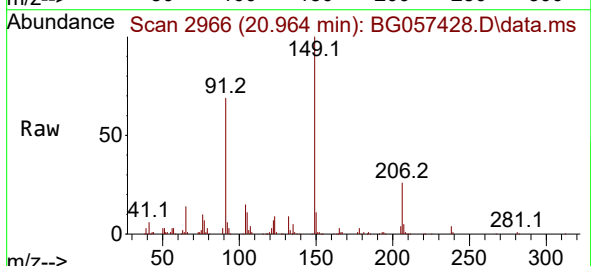
Tgt Ion:149 Resp: 148961

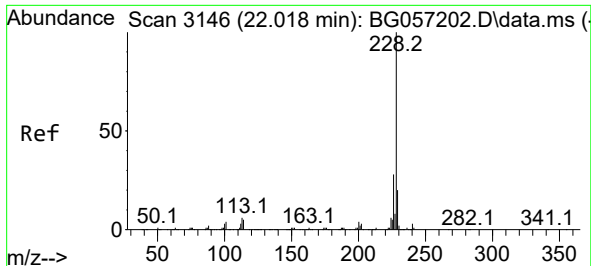
Ion Ratio Lower Upper

149 100

91 69.2 59.7 89.5

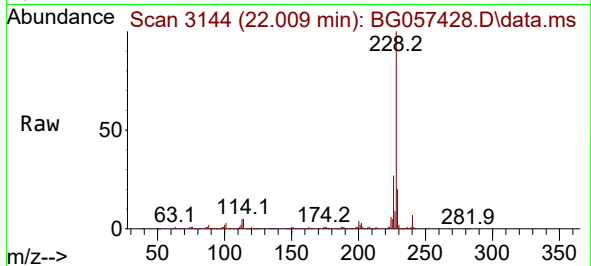
206 25.8 19.7 29.5





#81
Benzo(a)anthracene
Concen: 46.851 ng
RT: 22.009 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

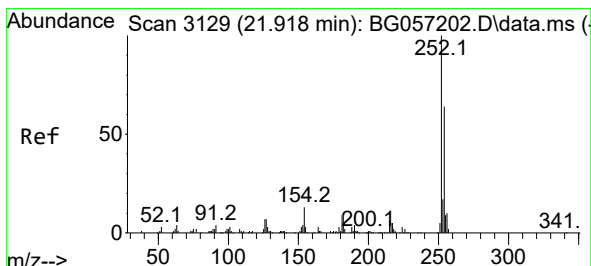
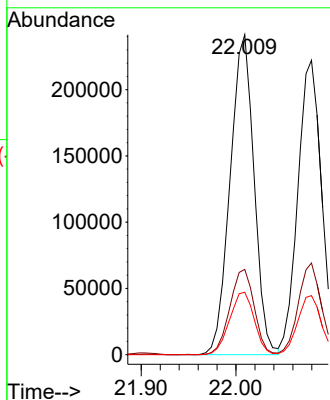
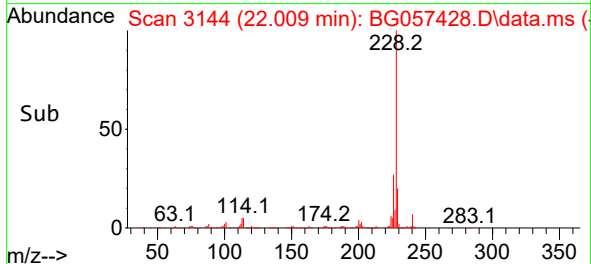
Instrument :
BNA_G
ClientSampleId :
PB152629BSD



Tgt Ion:228 Resp: 423692
Ion Ratio Lower Upper
228 100
226 26.6 22.0 33.0
229 19.5 15.8 23.8

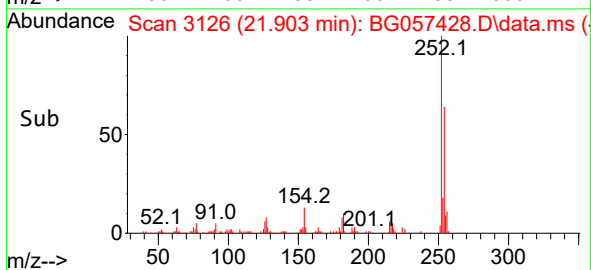
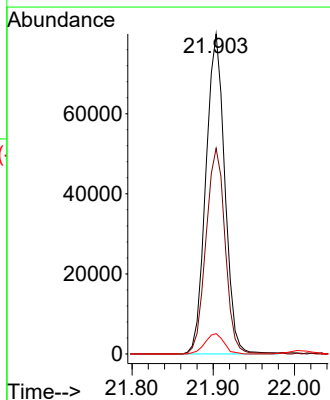
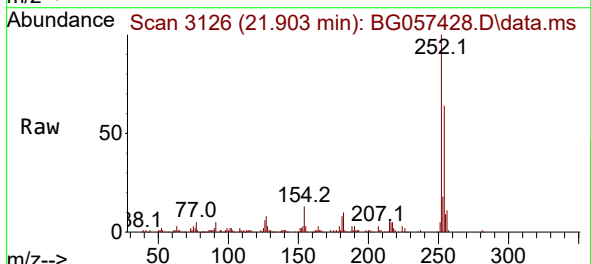
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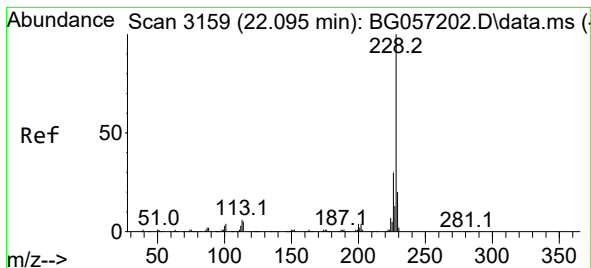
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#82
3,3'-Dichlorobenzidine
Concen: 44.572 ng
RT: 21.903 min Scan# 3126
Delta R.T. -0.000 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

Tgt Ion:252 Resp: 129109
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.0
126 6.3 5.9 8.9





#83

Chrysene

Concen: 45.217 ng

RT: 22.080 min Scan# 3117

Delta R.T. -0.000 min

Lab File: BG057428.D

Acq: 13 May 2023 5:25

Instrument :

BNA_G

ClientSampleId :

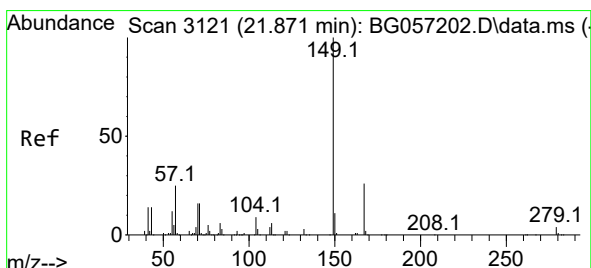
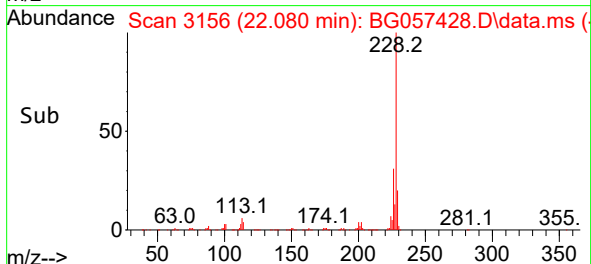
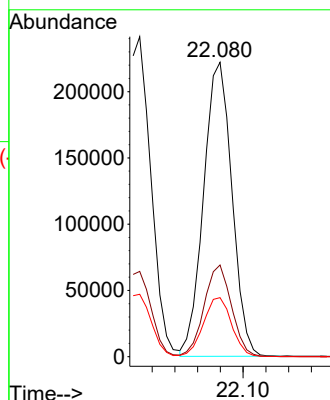
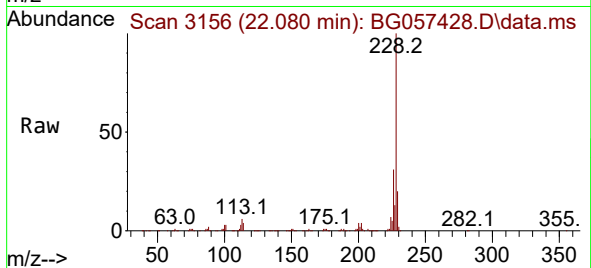
PB152629BSD

Tgt Ion:228 Resp: 384742
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.3 36.5
 229 20.0 15.9 23.9

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APPROVED

Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.424 ng

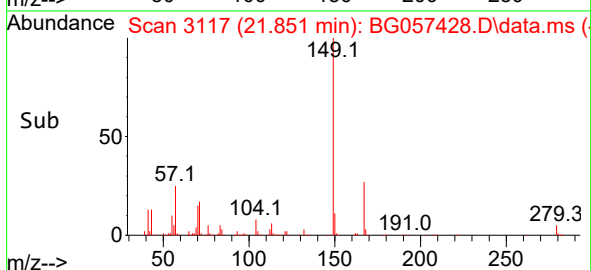
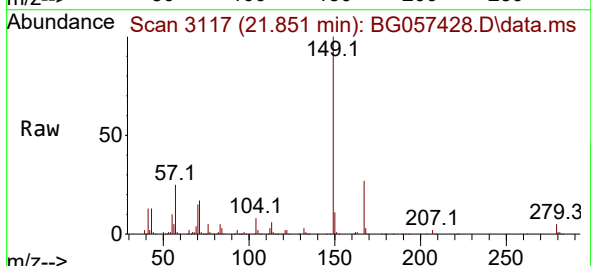
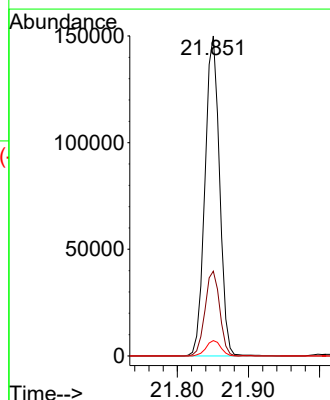
RT: 21.851 min Scan# 3117

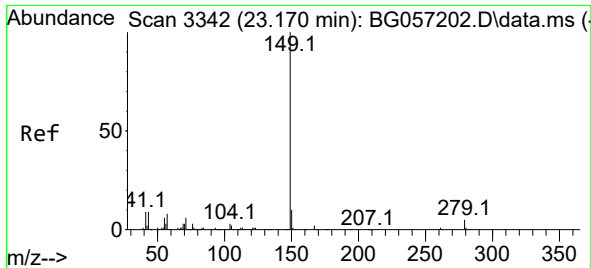
Delta R.T. -0.006 min

Lab File: BG057428.D

Acq: 13 May 2023 5:25

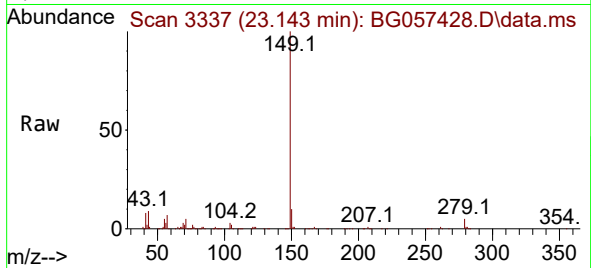
Tgt Ion:149 Resp: 214005
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.2 31.8
 279 4.8 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 49.759 ng
RT: 23.143 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

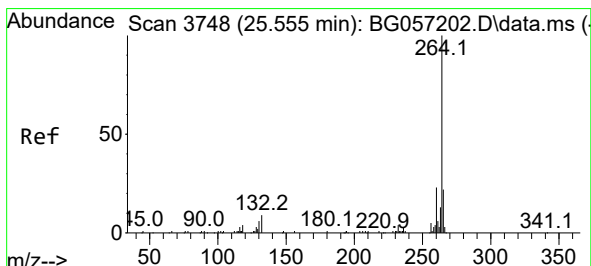
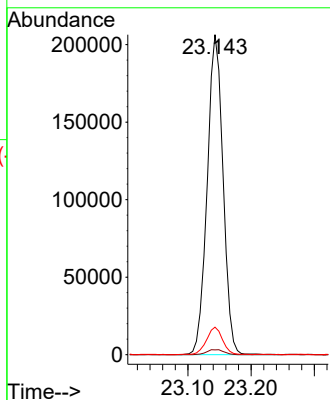
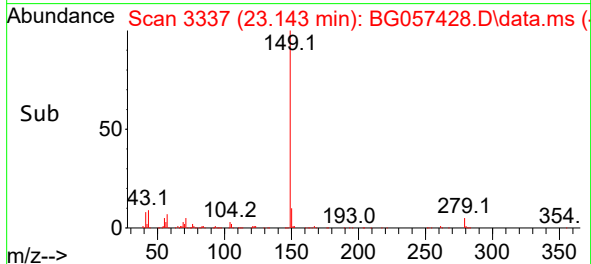
Instrument :
BNA_G
ClientSampleId :
PB152629BSD



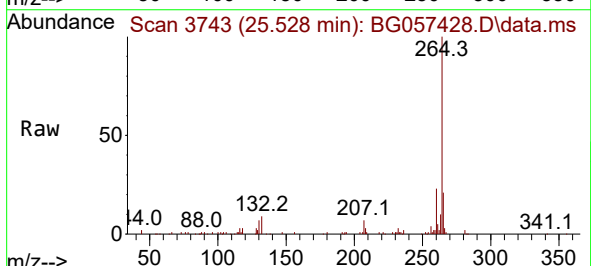
Tgt Ion:149 Resp: 359192
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.8 7.8 11.8

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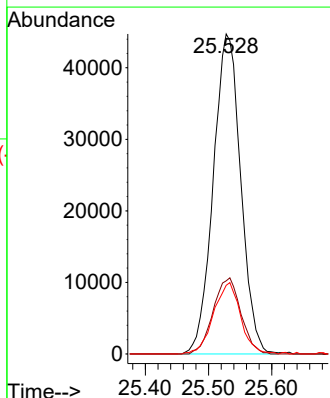
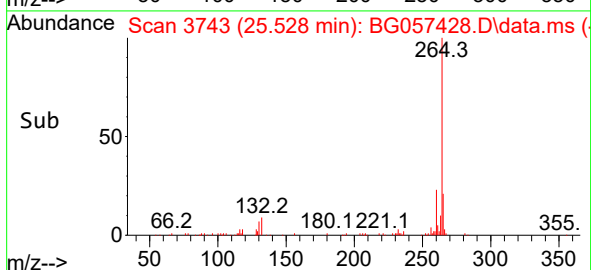
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

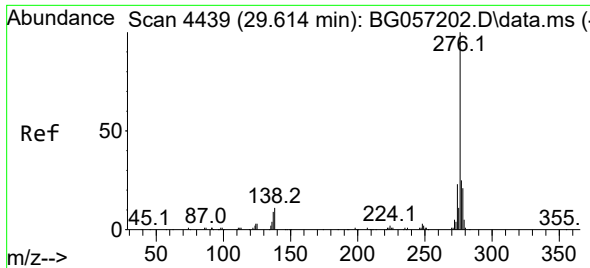


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.528 min Scan# 3743
Delta R.T. -0.006 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25



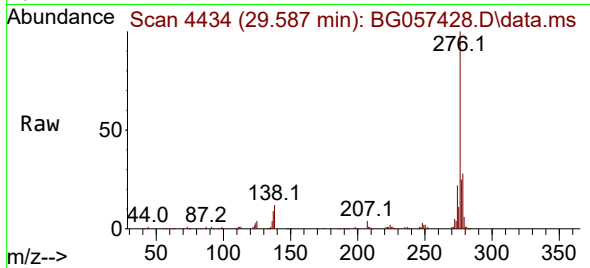
Tgt Ion:264 Resp: 134819
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 21.4 17.9 26.9





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.860 ng
 RT: 29.587 min Scan# 4439
 Delta R.T. -0.012 min
 Lab File: BG057428.D
 Acq: 13 May 2023 5:25

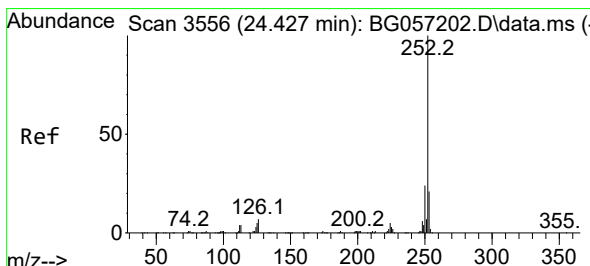
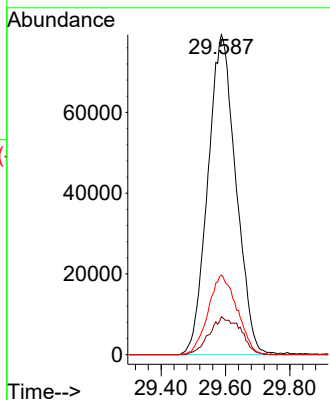
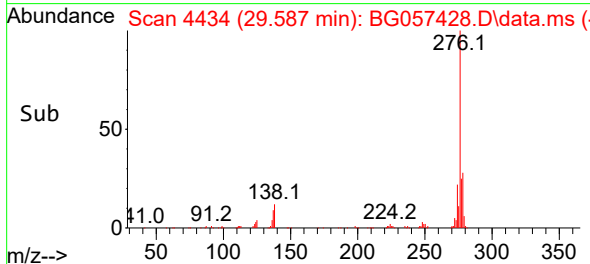
Instrument :
 BNA_G
 ClientSampleId :
 PB152629BSD



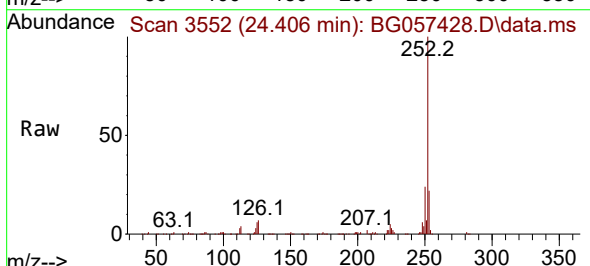
Tgt Ion:276 Resp: 480092
 Ion Ratio Lower Upper
 276 100
 138 13.1 5.4 8.0
 277 25.6 20.6 30.8

Manual Integrations
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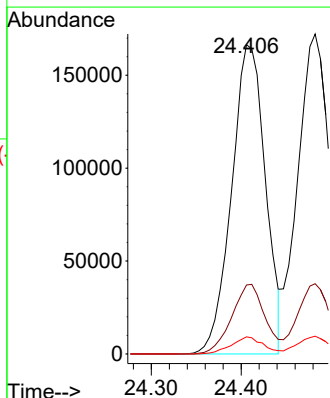
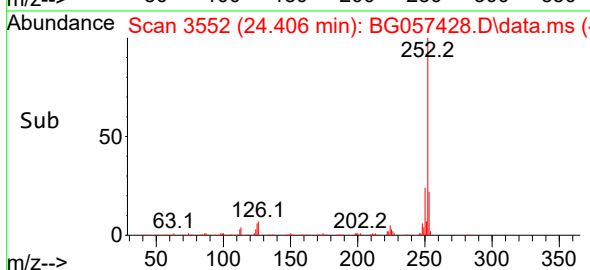
Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023

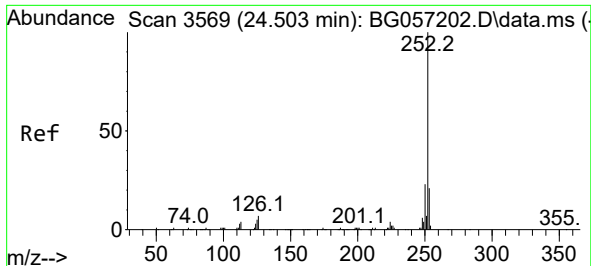


#88
 Benzo(b)fluoranthene
 Concen: 49.296 ng
 RT: 24.406 min Scan# 3552
 Delta R.T. -0.006 min
 Lab File: BG057428.D
 Acq: 13 May 2023 5:25



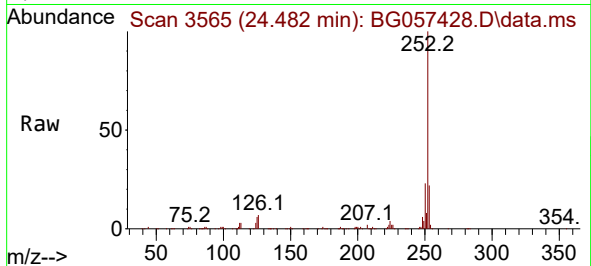
Tgt Ion:252 Resp: 434445
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.0 25.6
 125 5.5 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 48.319 ng m
RT: 24.482 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

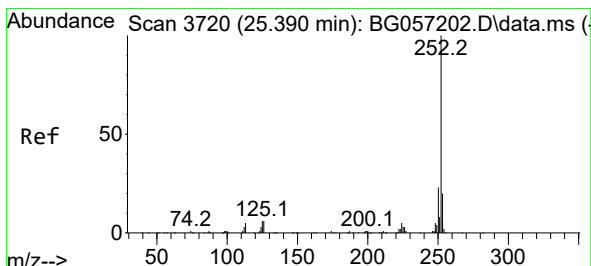
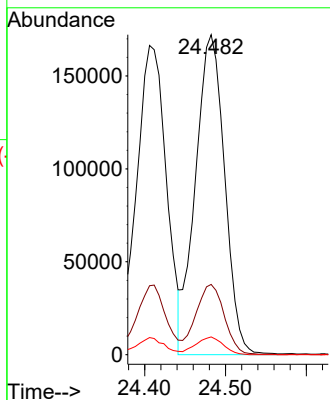
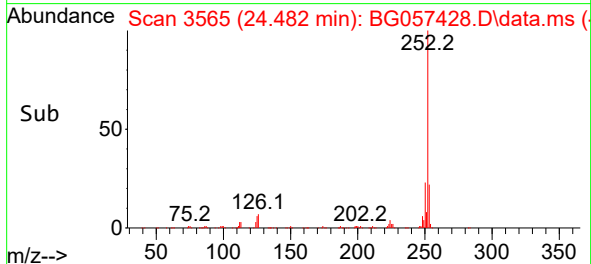
Instrument :
BNA_G
ClientSampleId :
PB152629BSD



Tgt Ion:252 Resp: 432720
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 5.5 4.1 6.1

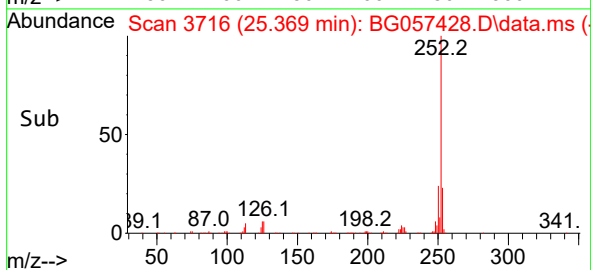
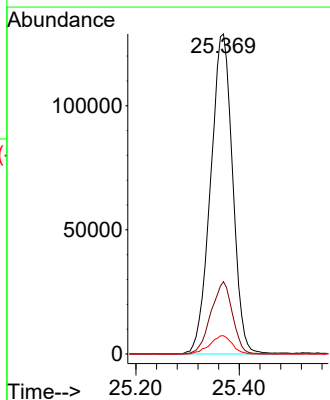
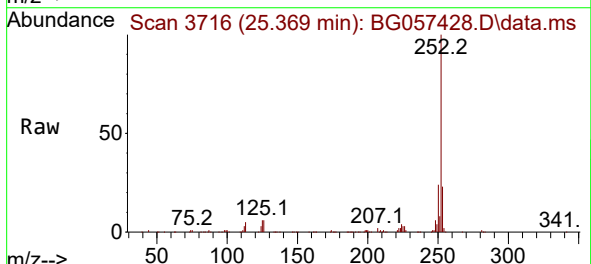
Manual Integrations
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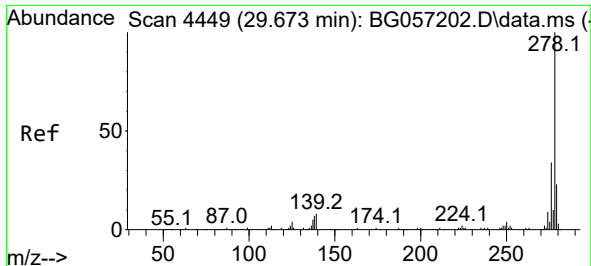
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#90
Benzo(a)pyrene
Concen: 44.216 ng
RT: 25.369 min Scan# 3716
Delta R.T. -0.006 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

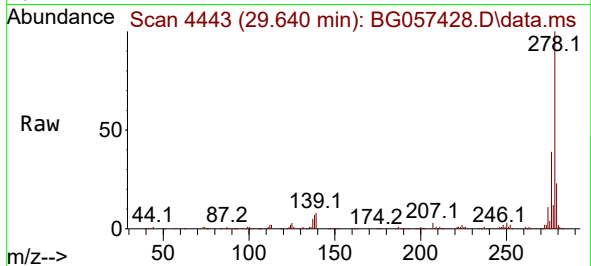
Tgt Ion:252 Resp: 380696
Ion Ratio Lower Upper
252 100
253 22.6 16.3 24.5
125 5.7 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 48.890 ng
RT: 29.640 min Scan# 4443
Delta R.T. -0.012 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25

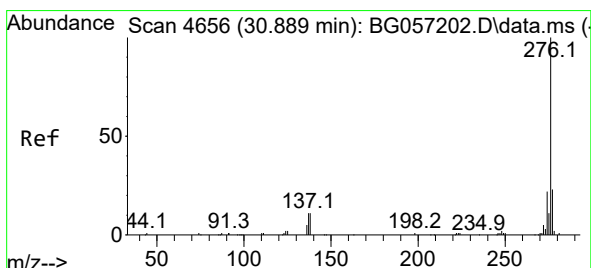
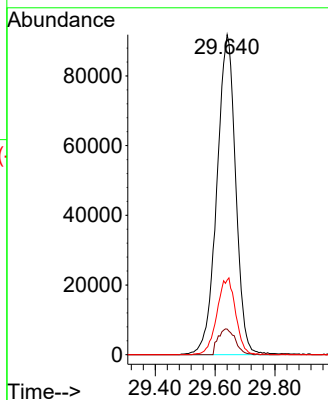
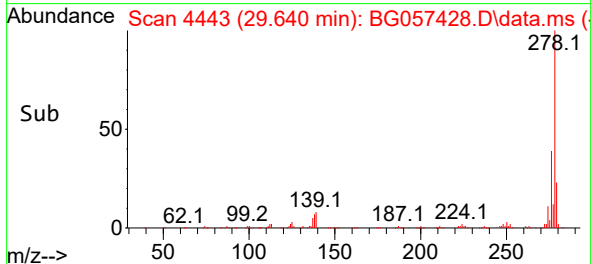
Instrument :
BNA_G
ClientSampleId :
PB152629BSD



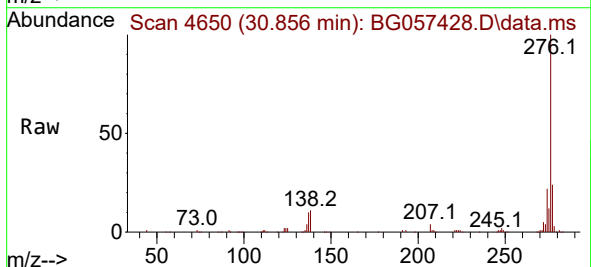
Tgt Ion:278 Resp: 40006
Ion Ratio Lower Upper
278 100
139 8.0 6.2 9.2
279 23.3 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#92
Benzo(g,h,i)perylene
Concen: 48.378 ng
RT: 30.856 min Scan# 4650
Delta R.T. -0.018 min
Lab File: BG057428.D
Acq: 13 May 2023 5:25



Tgt Ion:276 Resp: 386539
Ion Ratio Lower Upper
276 100
277 24.0 18.4 27.6
138 11.5 9.0 13.4

