

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057416.D
 Acq On : 12 May 2023 19:38
 Operator : CG/JU
 Sample : 02747-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-10-12-20230510MS

Quant Time: May 13 03:18:58 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.364	152	15742	20.000	ng	0.00
21) Naphthalene-d8	11.207	136	66809	20.000	ng	# 0.00
39) Acenaphthene-d10	14.978	164	53709	20.000	ng	0.00
64) Phenanthrene-d10	17.721	188	128775	20.000	ng	0.00
76) Chrysene-d12	22.027	240	115438	20.000	ng	0.00
86) Perylene-d12	25.534	264	126085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.879	112	98372	106.896	ng	0.00
7) Phenol-d6	7.506	99	151501	108.413	ng	0.00
23) Nitrobenzene-d5	9.544	82	96173	60.418	ng	0.00
42) 2,4,6-Tribromophenol	16.464	330	80857	106.101	ng	0.00
45) 2-Fluorobiphenyl	13.604	172	253938	63.677	ng	0.00
79) Terphenyl-d14	20.289	244	465111	65.752	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.676	88	14220	37.372	ng	# 89
3) Pyridine	4.099	79	39706	32.471	ng	96
4) n-Nitrosodimethylamine	4.011	42	22272	38.758	ng	91
6) Aniline	7.676	93	75172	42.403	ng	99
8) 2-Chlorophenol	7.929	128	51931	53.405	ng	97
9) Benzaldehyde	7.488	77	37684	53.142	ng	99
10) Phenol	7.535	94	72445	53.180	ng	98
11) bis(2-Chloroethyl)ether	7.764	93	45711	44.499	ng	97
12) 1,3-Dichlorobenzene	8.252	146	52625	49.034	ng	99
13) 1,4-Dichlorobenzene	8.399	146	53093	49.250	ng	95
14) 1,2-Dichlorobenzene	8.728	146	52118	50.079	ng	96
15) Benzyl Alcohol	8.599	79	58103	49.909	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.886	45	58353m	45.070	ng	
17) 2-Methylphenol	8.804	107	49408	50.314	ng	97
18) Hexachloroethane	9.462	117	18785	48.286	ng	97
19) n-Nitroso-di-n-propyla...	9.168	70	46821	43.940	ng	97
20) 3+4-Methylphenols	9.133	107	69786	51.900	ng	94
22) Acetophenone	9.192	105	86203	45.081	ng	# 96
24) Nitrobenzene	9.585	77	67171	41.808	ng	93
25) Isophorone	10.108	82	131630	42.645	ng	97
26) 2-Nitrophenol	10.302	139	31349	50.976	ng	97
27) 2,4-Dimethylphenol	10.349	122	54330	50.453	ng	100
28) bis(2-Chloroethoxy)met...	10.578	93	70308	45.467	ng	98
29) 2,4-Dichlorophenol	10.843	162	62152	54.418	ng	95
30) 1,2,4-Trichlorobenzene	11.060	180	61923	47.006	ng	93
31) Naphthalene	11.254	128	165889	46.446	ng	98
32) Benzoic acid	10.502	122	33175m	52.892	ng	
33) 4-Chloroaniline	11.354	127	52825	32.934	ng	97
34) Hexachlorobutadiene	11.524	225	44884	45.918	ng	98
35) Caprolactam	12.129	113	20052m	51.397	ng	
36) 4-Chloro-3-methylphenol	12.458	107	68731	52.954	ng	99
37) 2-Methylnaphthalene	12.828	142	130796	46.576	ng	95
38) 1-Methylnaphthalene	13.045	142	122695	46.354	ng	99
40) 1,2,4,5-Tetrachloroben...	13.192	216	92333	48.425	ng	99
41) Hexachlorocyclopentadiene	13.163	237	80387	87.104	ng	99
43) 2,4,6-Trichlorophenol	13.427	196	60340	51.944	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.504	196	66099	48.374	ng	99
46) 1,1'-Biphenyl	13.815	154	189999	47.674	ng	98
47) 2-Chloronaphthalene	13.868	162	145845	49.211	ng	99
48) 2-Nitroaniline	14.068	65	47201	46.841	ng	96
49) Acenaphthylene	14.708	152	228878	47.536	ng	99
50) Dimethylphthalate	14.420	163	198459	44.966	ng	99
51) 2,6-Dinitrotoluene	14.549	165	44145	48.988	ng	90
52) Acenaphthene	15.043	154	139959	46.519	ng	99
53) 3-Nitroaniline	14.884	138	31627	35.033	ng	91
54) 2,4-Dinitrophenol	15.096	184	57383	101.423	ng	98
55) Dibenzofuran	15.372	168	237397	46.962	ng	99
56) 4-Nitrophenol	15.190	139	61198	101.923	ng	93
57) 2,4-Dinitrotoluene	15.336	165	63233	49.099	ng	96
58) Fluorene	16.024	166	192717	46.283	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.601	232	62012	50.057	ng	99
60) Diethylphthalate	15.759	149	198541	44.296	ng	99
61) 4-Chlorophenyl-phenyle...	16.000	204	115706	46.127	ng	97
62) 4-Nitroaniline	16.041	138	42930	47.137	ng	97
63) Azobenzene	16.294	77	188805	43.658	ng	97
65) 4,6-Dinitro-2-methylph...	16.100	198	43764	56.922	ng	98
66) n-Nitrosodiphenylamine	16.212	169	172129	49.214	ng	99
67) 4-Bromophenyl-phenylether	16.893	248	76685	48.781	ng	97
68) Hexachlorobenzene	17.028	284	81710	53.487	ng	94
69) Atrazine	17.146	200	74985	56.202	ng	99
70) Pentachlorophenol	17.369	266	81844	92.961	ng	98
71) Phenanthrene	17.763	178	319687	48.447	ng	99
72) Anthracene	17.857	178	324058	47.861	ng	99
73) Carbazole	18.121	167	281658	49.413	ng	99
74) Di-n-butylphthalate	18.638	149	314654	47.978	ng	98
75) Fluoranthene	19.754	202	389561	47.467	ng	99
77) Benzidine	19.919	184	212049	82.165	ng	99
78) Pyrene	20.112	202	391728	46.699	ng	98
80) Butylbenzylphthalate	20.964	149	138142	51.902	ng	96
81) Benzo(a)anthracene	22.010	228	396095	48.160	ng	99
82) 3,3'-Dichlorobenzidine	21.904	252	114736	43.554	ng	99
83) Chrysene	22.080	228	362358	46.826	ng	99
84) Bis(2-ethylhexyl)phtha...	21.851	149	194527	49.398	ng	98
85) Di-n-octyl phthalate	23.149	149	329475	50.186	ng	97
87) Indeno(1,2,3-cd)pyrene	29.594	276	444152	48.334	ng	# 99
88) Benzo(b)fluoranthene	24.412	252	402992	48.894	ng	99
89) Benzo(k)fluoranthene	24.489	252	389401	46.493	ng	99
90) Benzo(a)pyrene	25.370	252	353540	43.906	ng	# 97
91) Dibenzo(a,h)anthracene	29.641	278	368202	48.114	ng	98
92) Benzo(g,h,i)perylene	30.863	276	357048	47.783	ng	99

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

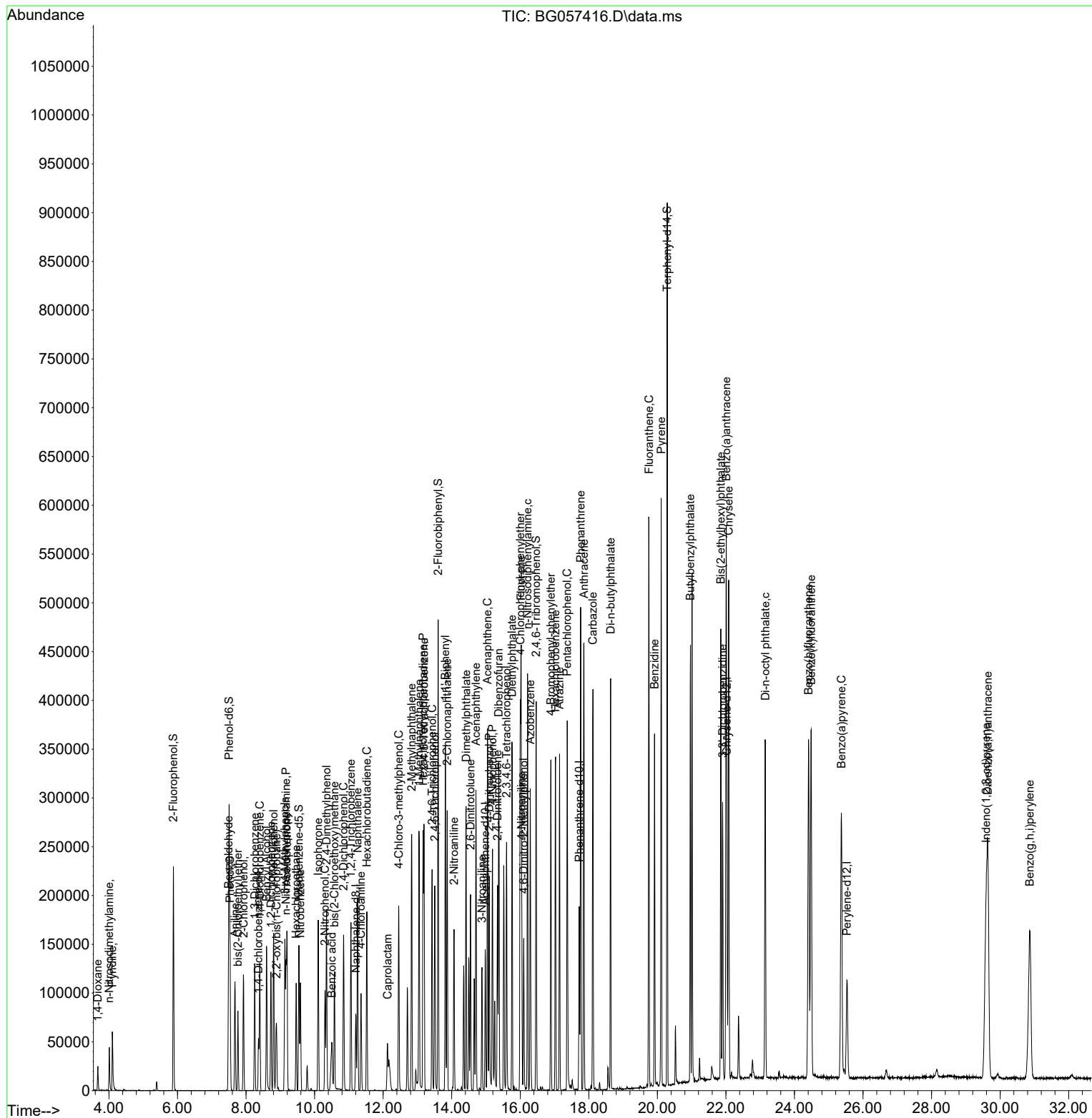
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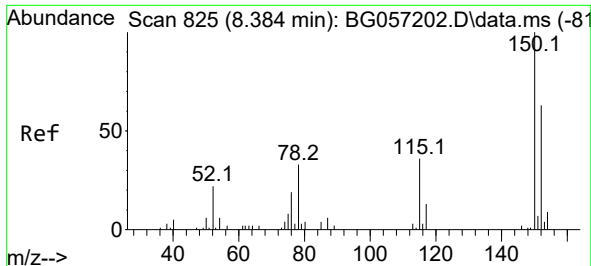
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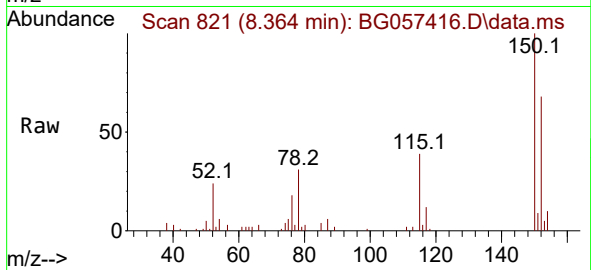
Reviewed By : Christian Giraldo 05/15/2023
Supervised By : Yogesh Patel 05/16/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.364 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

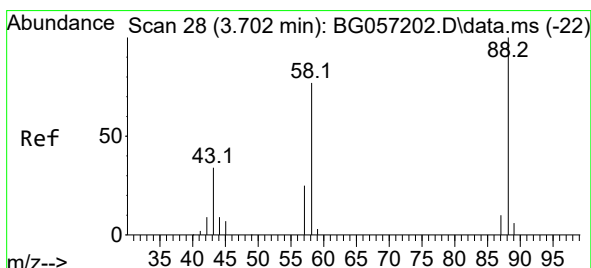
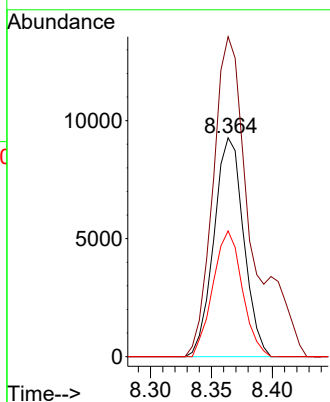
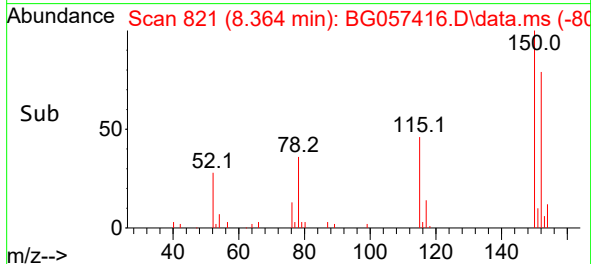
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



Tgt Ion: 152 Resp: 1574
Ion Ratio Lower Upper
152 100
150 146.2 126.2 189.4
115 57.5 45.0 67.4

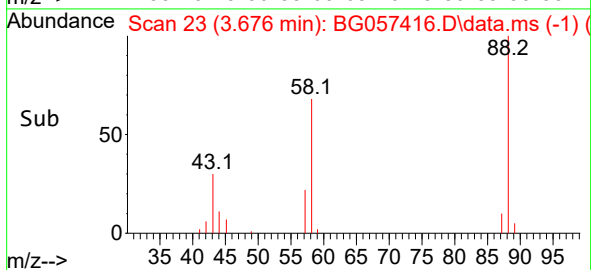
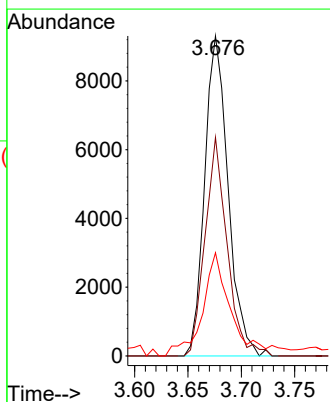
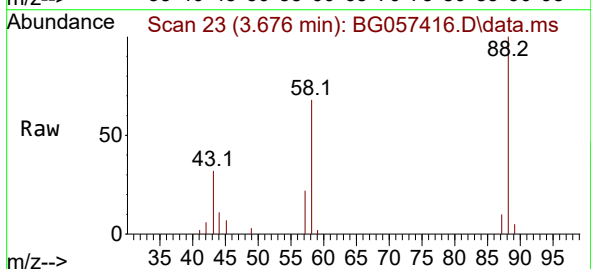
Manual Integrations
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#2
1,4-Dioxane
Concen: 37.372 ng
RT: 3.676 min Scan# 23
Delta R.T. -0.006 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

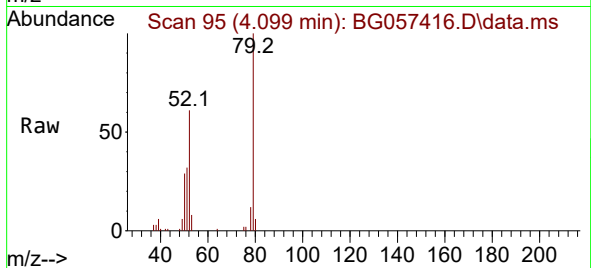
Tgt Ion: 88 Resp: 14220
Ion Ratio Lower Upper
88 100
58 64.6 57.1 85.7
43 40.4 24.4 36.6





#3
Pyridine
Concen: 32.471 ng
RT: 4.099 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

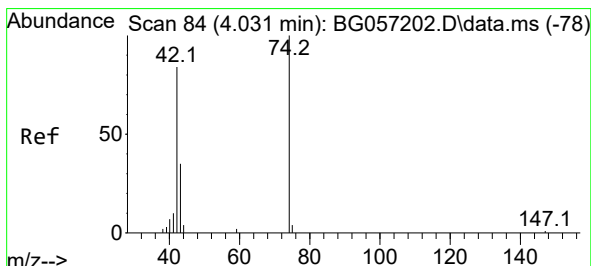
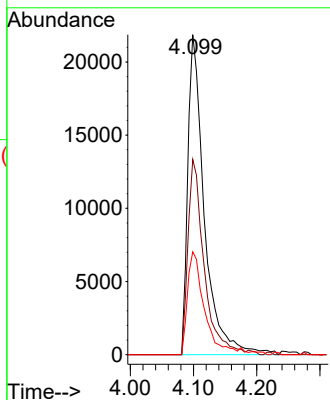
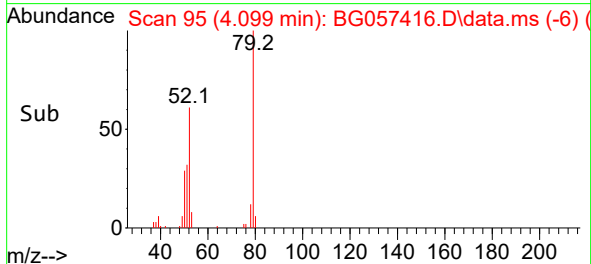
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



Tgt Ion: 79 Resp: 39700
Ion Ratio Lower Upper
79 100
52 61.0 51.4 77.0
51 32.2 28.0 42.0

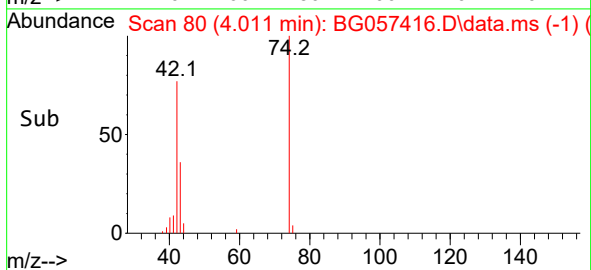
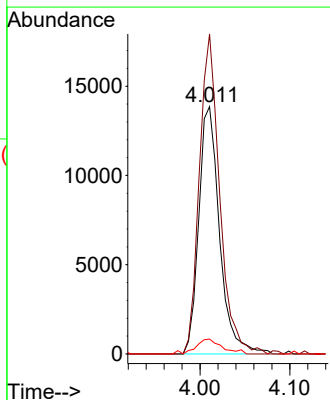
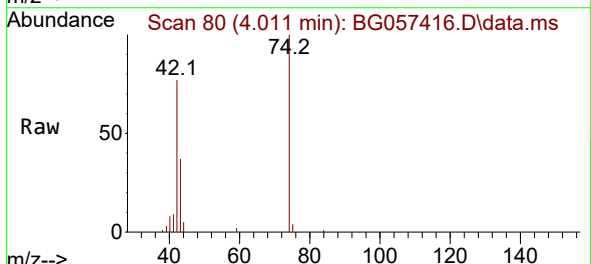
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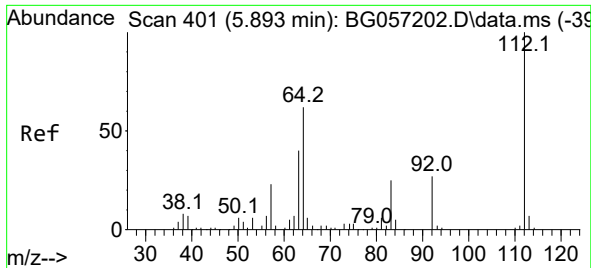
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#4
n-Nitrosodimethylamine
Concen: 38.758 ng
RT: 4.011 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

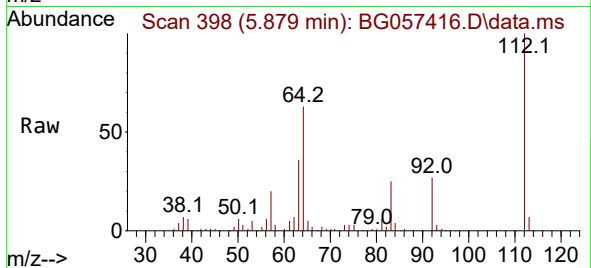
Tgt Ion: 42 Resp: 22272
Ion Ratio Lower Upper
42 100
74 129.4 95.1 142.7
44 6.0 5.8 8.8





#5
2-Fluorophenol
Concen: 106.896 ng
RT: 5.879 min Scan# 398
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

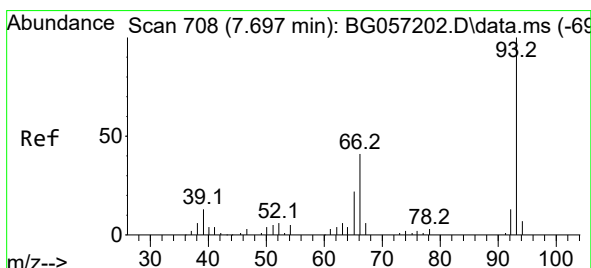
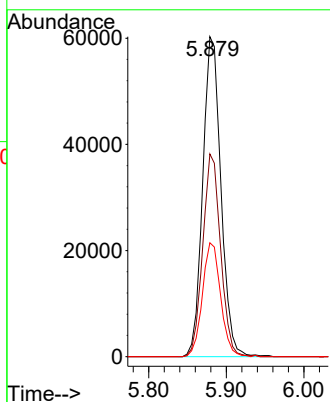
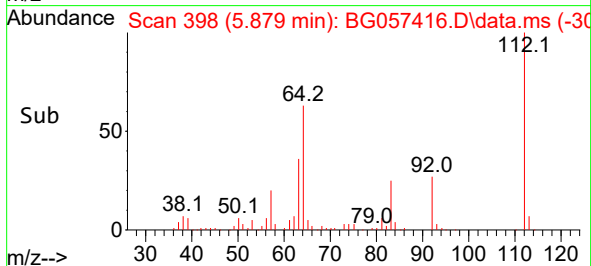
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Tgt Ion:112 Resp: 98372
Ion Ratio Lower Upper
112 100
64 63.4 49.4 74.2
63 35.6 31.6 47.4

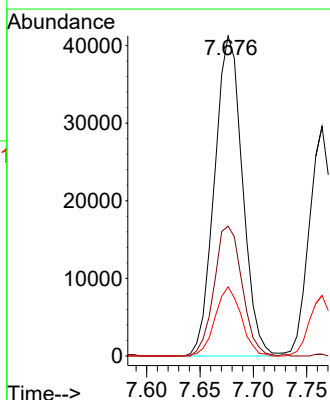
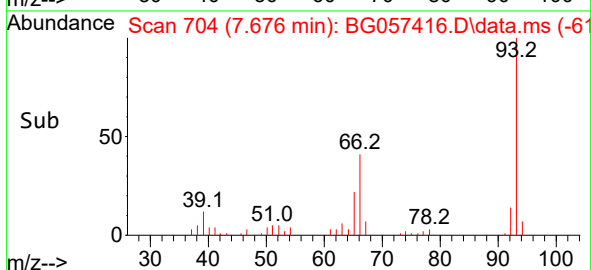
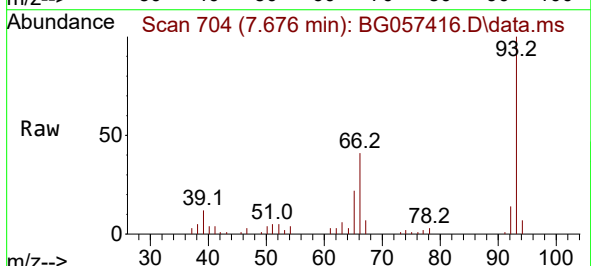
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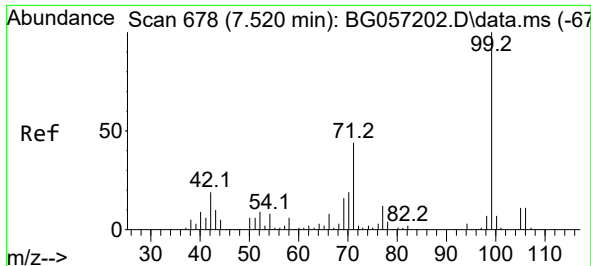
Reviewed By :Christian Giraldo 05/15/2023
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#6
Aniline
Concen: 42.403 ng
RT: 7.676 min Scan# 704
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

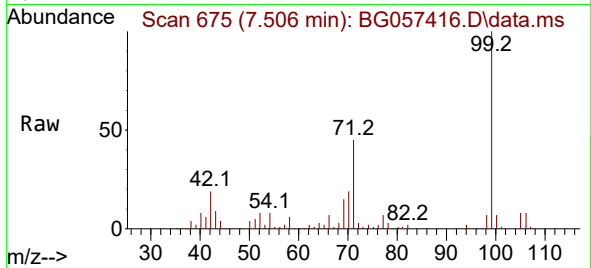
Tgt Ion: 93 Resp: 75172
Ion Ratio Lower Upper
93 100
66 40.6 33.0 49.6
65 21.6 18.0 27.0





#7
Phenol-d6
Concen: 108.413 ng
RT: 7.506 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

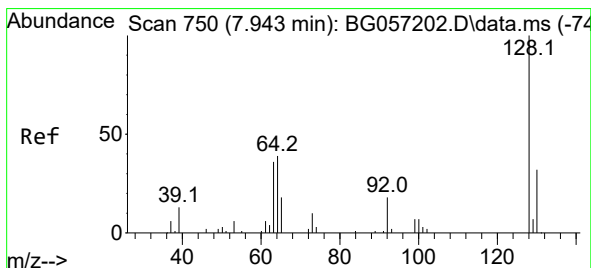
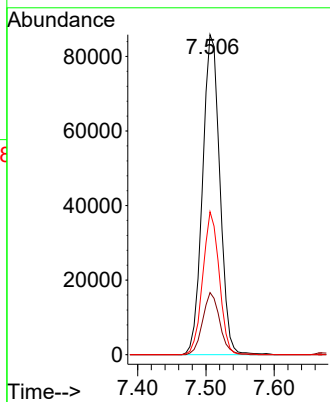
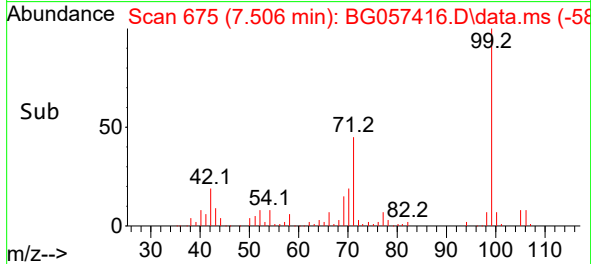
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Tgt Ion: 99 Resp: 15150
Ion Ratio Lower Upper
99 100
42 19.4 15.1 22.7
71 44.7 35.2 52.8

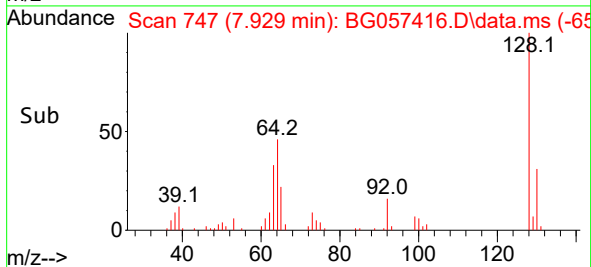
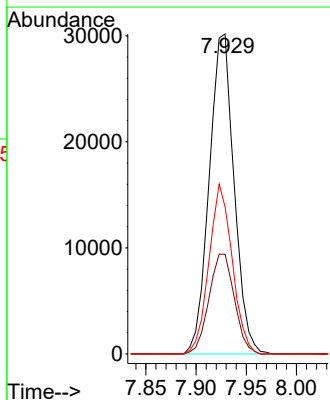
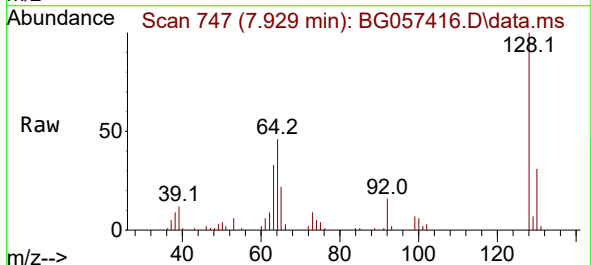
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#8
2-Chlorophenol
Concen: 53.405 ng
RT: 7.929 min Scan# 747
Delta R.T. 0.006 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

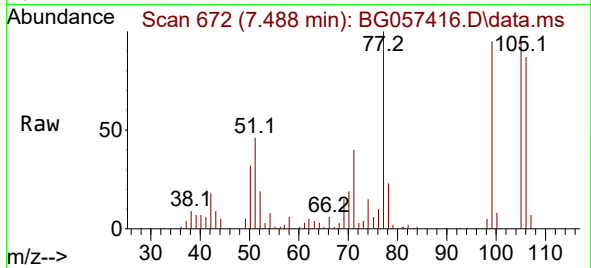
Tgt Ion:128 Resp: 51931
Ion Ratio Lower Upper
128 100
130 31.2 12.2 52.2
64 46.0 28.4 68.4





#9
Benzaldehyde
Concen: 53.142 ng
RT: 7.488 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057416.D
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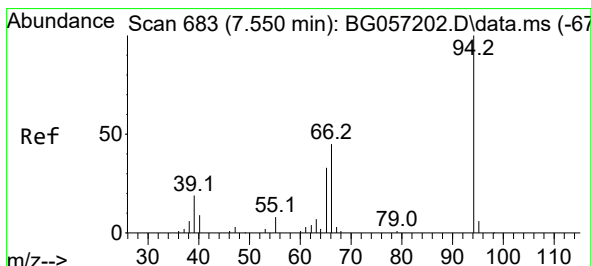
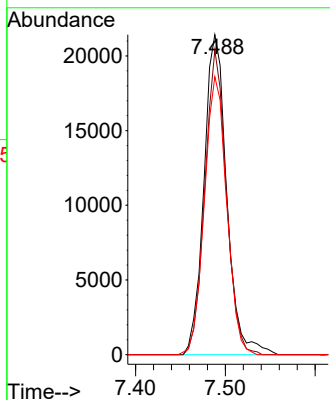
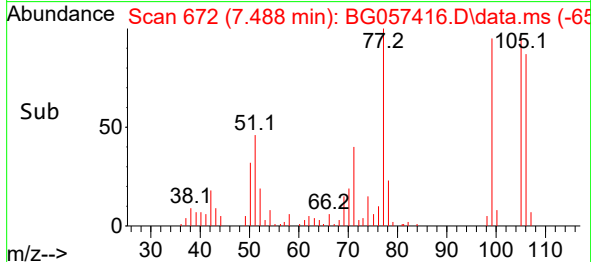
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Tgt Ion: 77 Resp: 37684
Ion Ratio Lower Upper
77 100
105 95.2 74.6 114.6
106 86.9 66.3 106.3

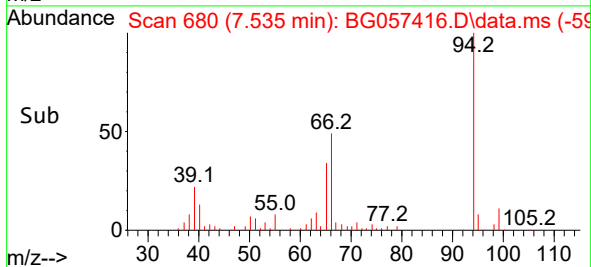
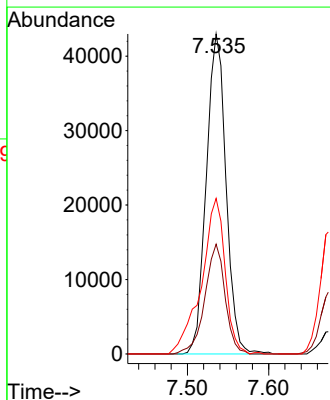
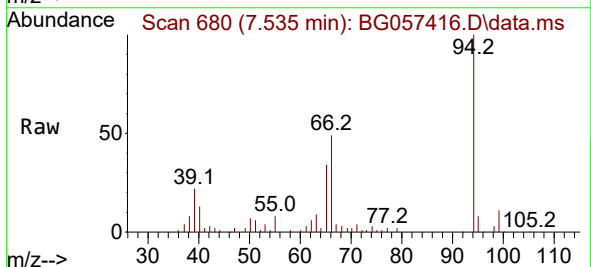
Manual Integrations
APPROVED

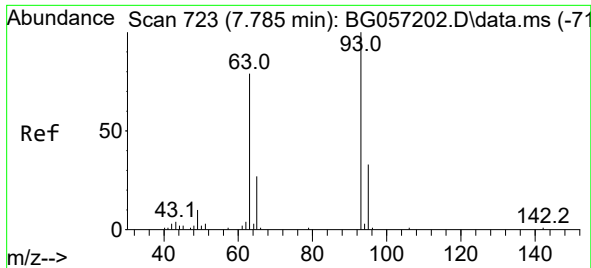
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#10
Phenol
Concen: 53.180 ng
RT: 7.535 min Scan# 680
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

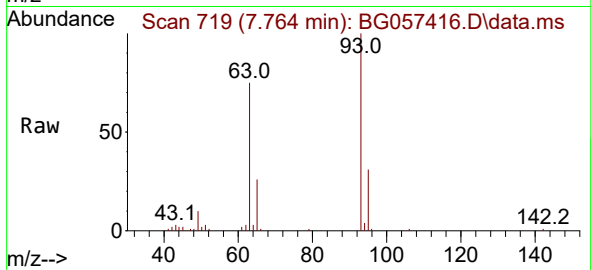
Tgt Ion: 94 Resp: 72445
Ion Ratio Lower Upper
94 100
65 34.3 13.5 53.5
66 48.6 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 44.499 ng
RT: 7.764 min Scan# 719
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

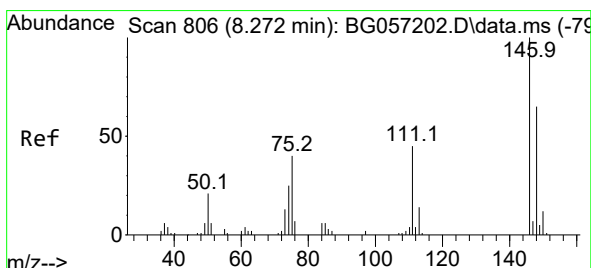
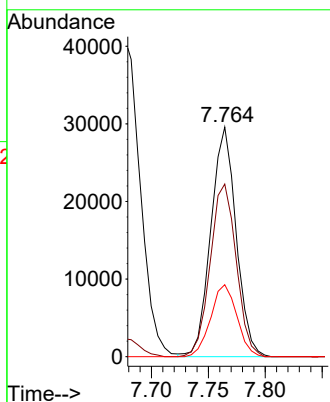
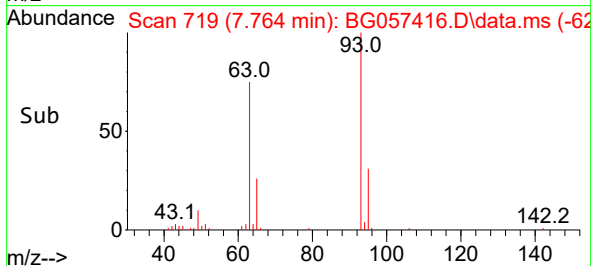
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



Tgt Ion: 93 Resp: 4571
Ion Ratio Lower Upper
93 100
63 75.2 58.6 98.6
95 31.4 12.2 52.2

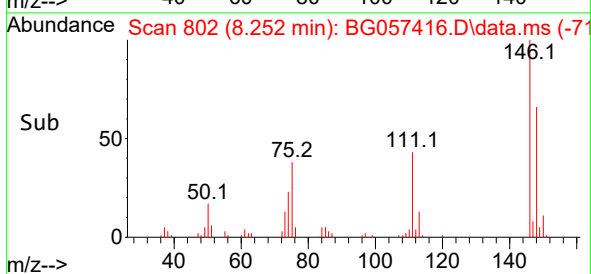
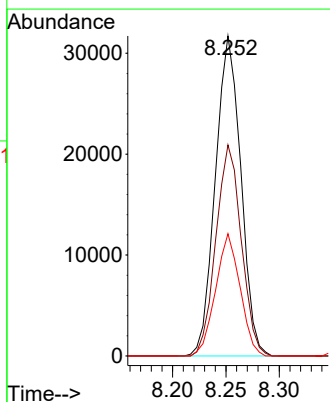
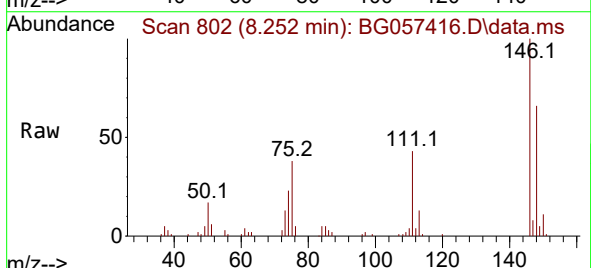
Manual Integrations
APPROVED

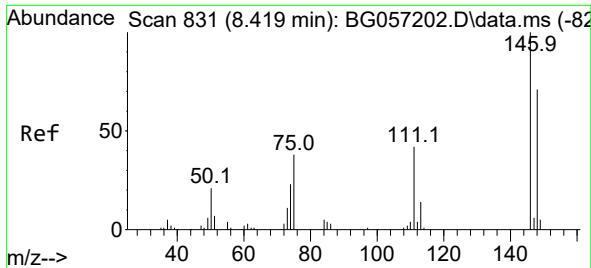
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#12
1,3-Dichlorobenzene
Concen: 49.034 ng
RT: 8.252 min Scan# 802
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:146 Resp: 52625
Ion Ratio Lower Upper
146 100
148 66.0 52.2 78.2
75 38.2 31.7 47.5





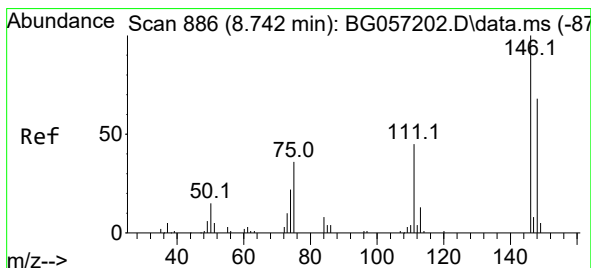
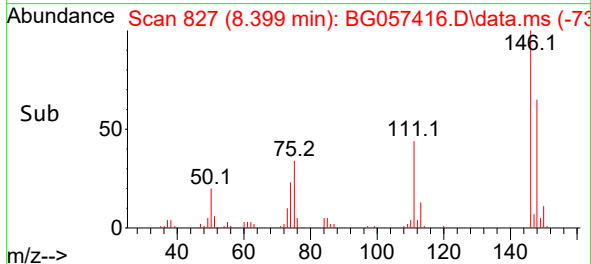
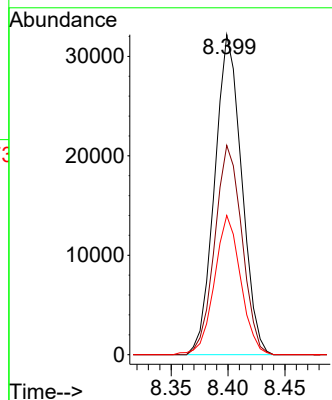
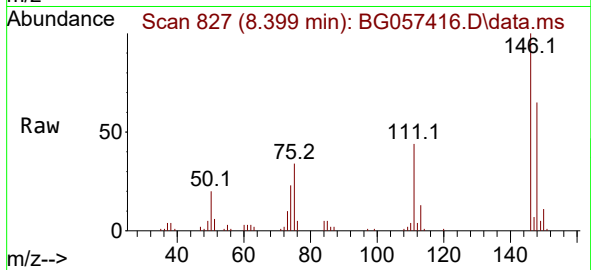
#13
1,4-Dichlorobenzene
Concen: 49.250 ng
RT: 8.399 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

Tgt Ion:146 Resp: 5309
Ion Ratio Lower Upper
146 100
148 65.4 56.4 84.6
111 43.5 33.8 50.6

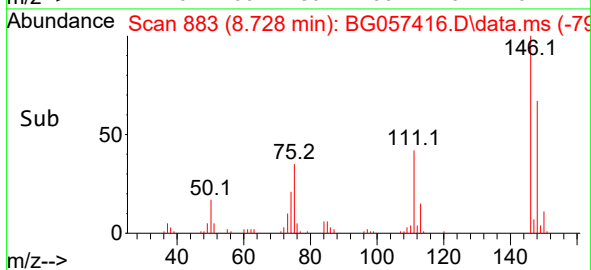
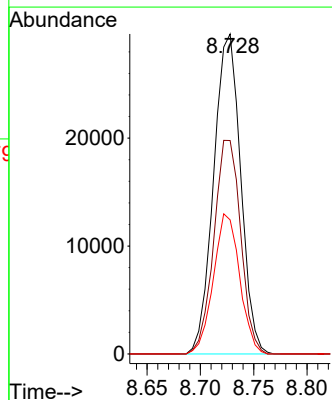
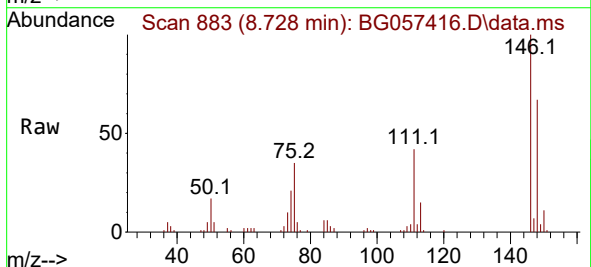
Manual Integrations
APPROVED

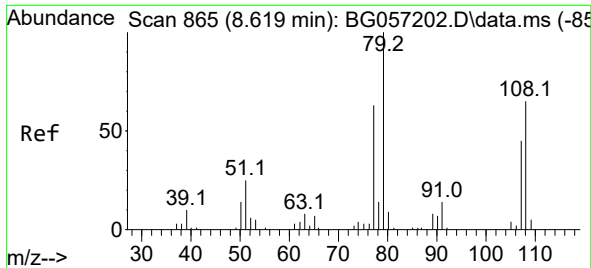
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#14
1,2-Dichlorobenzene
Concen: 50.079 ng
RT: 8.728 min Scan# 883
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:146 Resp: 52118
Ion Ratio Lower Upper
146 100
148 66.7 54.6 82.0
111 41.9 37.2 55.8





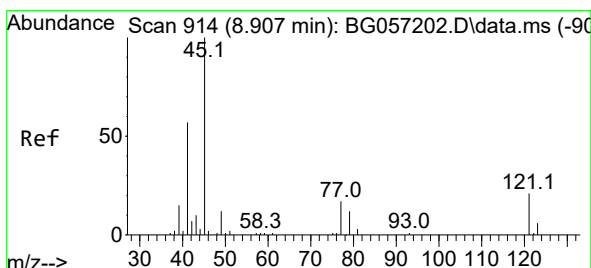
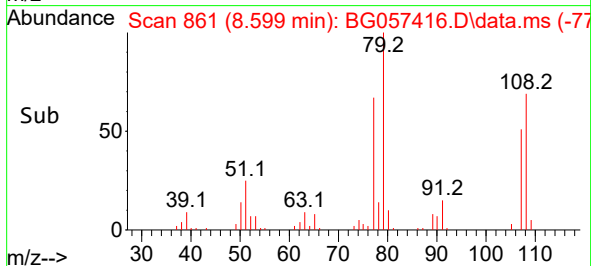
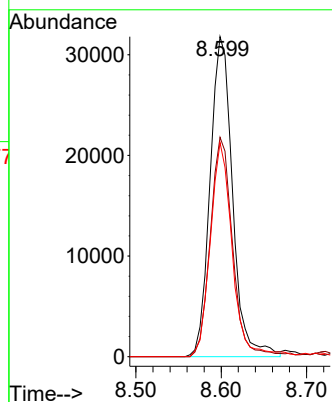
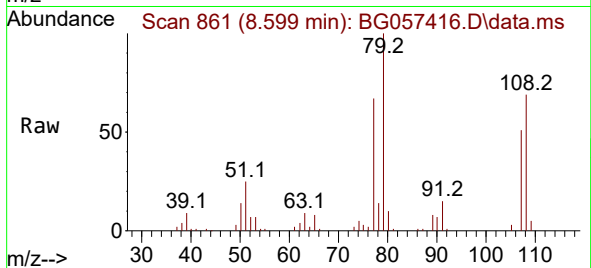
#15
Benzyl Alcohol
Concen: 49.909 ng
RT: 8.599 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

Tgt Ion: 79 Resp: 5810
Ion Ratio Lower Upper
79 100
108 68.5 52.2 78.2
77 66.9 50.1 75.1

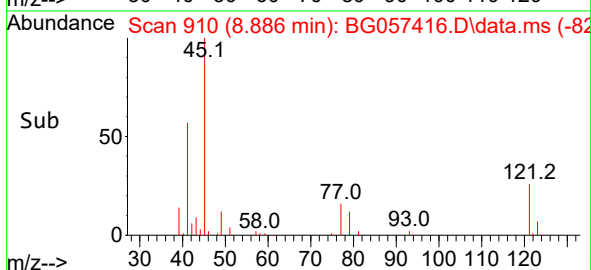
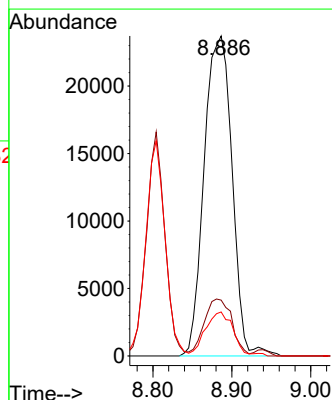
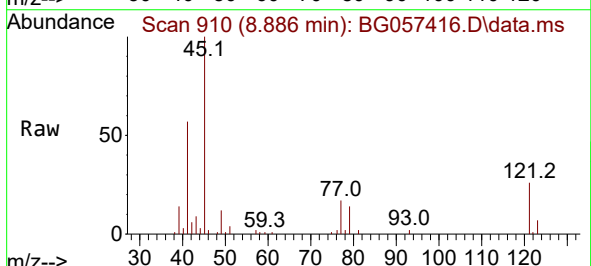
Manual Integrations
APPROVED

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



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.070 ng m
RT: 8.886 min Scan# 910
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

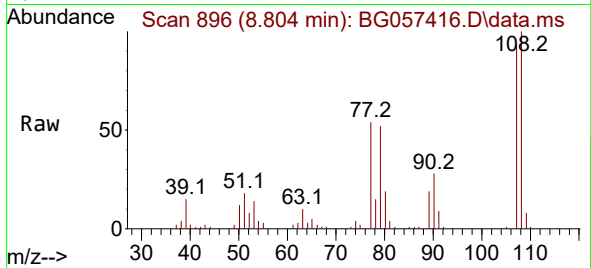
Tgt Ion: 45 Resp: 58353
Ion Ratio Lower Upper
45 100
77 17.5 0.0 38.5
79 13.8 0.0 33.8





#17
2-Methylphenol
Concen: 50.314 ng
RT: 8.804 min Scan# 899
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

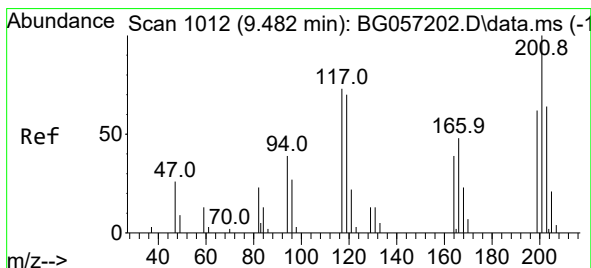
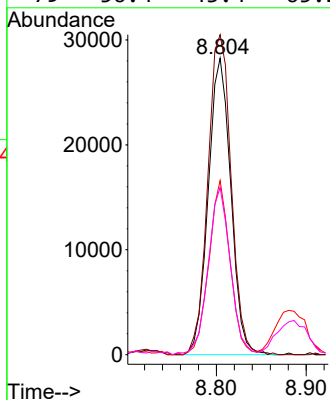
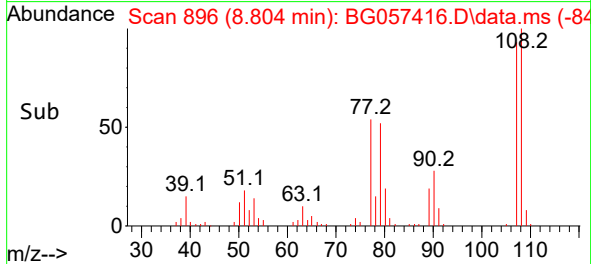
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



Tgt Ion:107 Resp: 49408
Ion Ratio Lower Upper
107 100
108 107.9 89.5 134.3
77 58.7 45.1 67.7
79 56.4 43.4 65.2

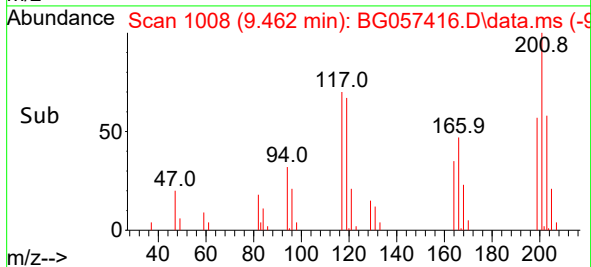
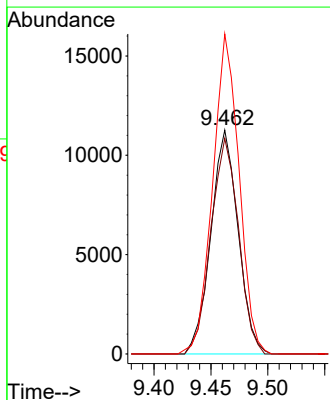
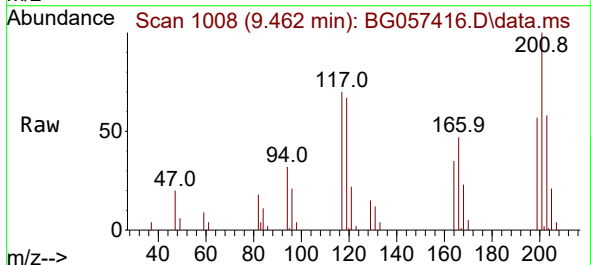
Manual Integrations
APPROVED

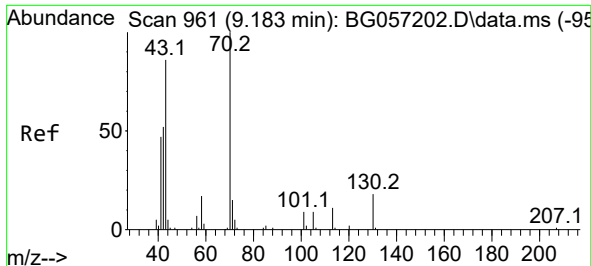
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#18
Hexachloroethane
Concen: 48.286 ng
RT: 9.462 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

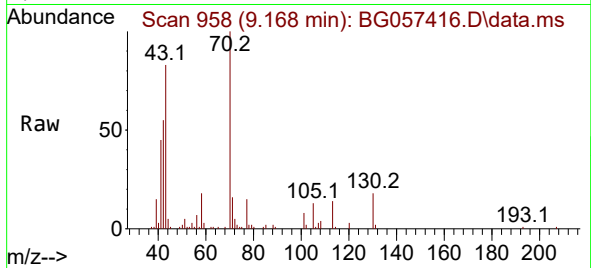
Tgt Ion:117 Resp: 18785
Ion Ratio Lower Upper
117 100
119 96.3 76.7 115.1
201 143.0 109.0 163.4





#19
n-Nitroso-di-n-propylamine
Concen: 43.940 ng
RT: 9.168 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

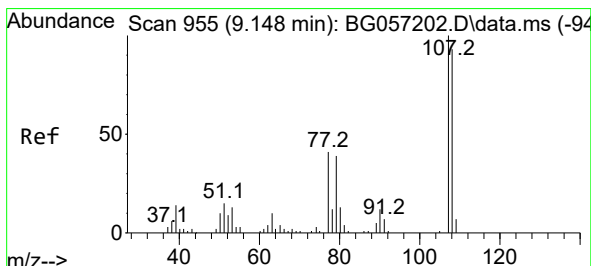
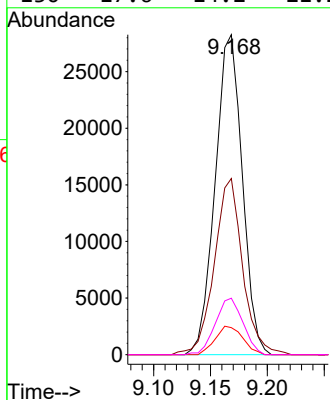
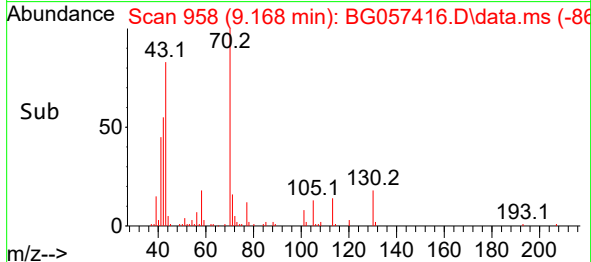
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



Tgt Ion: 70 Resp: 4682
Ion Ratio Lower Upper
70 100
42 55.0 41.8 62.8
101 8.4 6.8 10.2
130 17.6 14.2 21.2

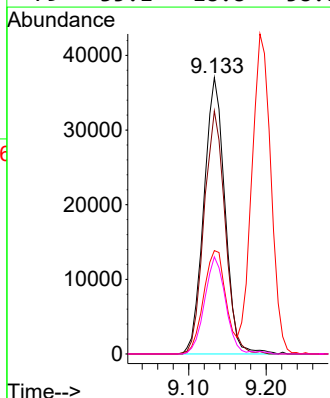
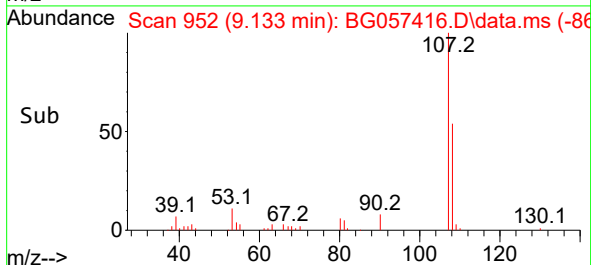
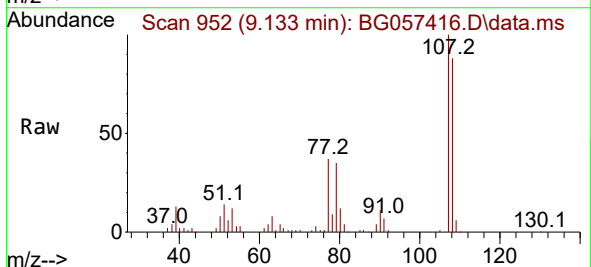
Manual Integrations
APPROVED

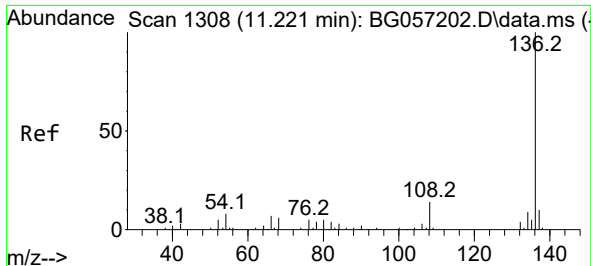
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#20
3+4-Methylphenols
Concen: 51.900 ng
RT: 9.133 min Scan# 952
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

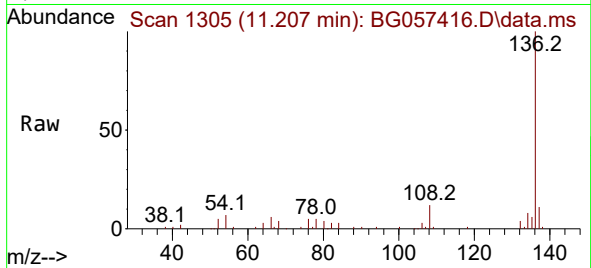
Tgt Ion:107 Resp: 69786
Ion Ratio Lower Upper
107 100
108 87.9 73.5 113.5
77 37.4 21.1 61.1
79 35.1 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.207 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

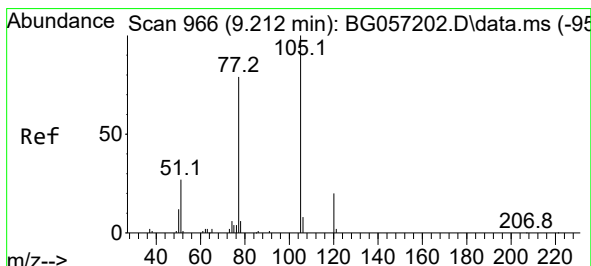
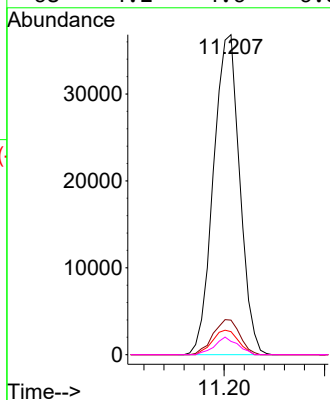
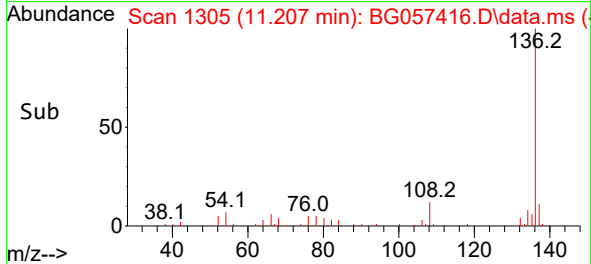
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



Tgt Ion:136 Resp: 66809
Ion Ratio Lower Upper
136 100
137 10.8 8.3 12.5
54 7.2 6.7 10.1
68 4.2 4.6 6.8#

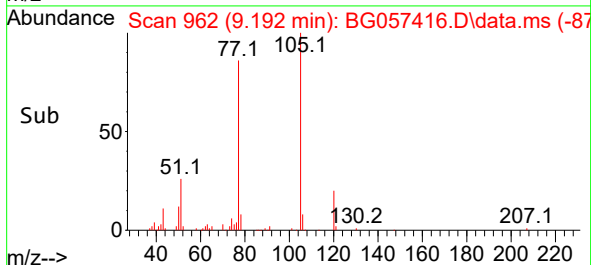
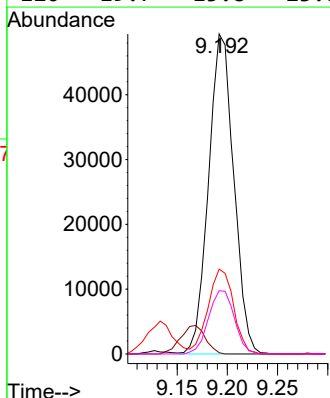
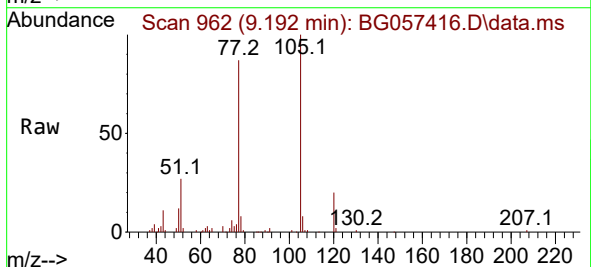
Manual Integrations
APPROVED

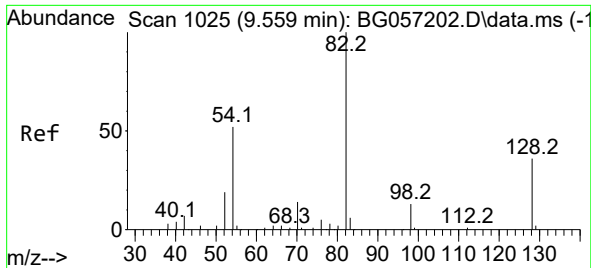
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#22
Acetophenone
Concen: 45.081 ng
RT: 9.192 min Scan# 962
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

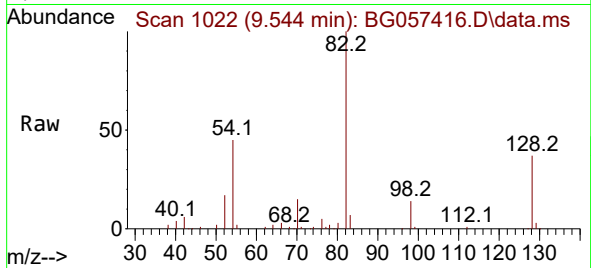
Tgt Ion:105 Resp: 86203
Ion Ratio Lower Upper
105 100
71 0.4 0.4 0.6#
51 26.5 24.0 36.0
120 19.7 15.8 23.8





#23
Nitrobenzene-d5
Concen: 60.418 ng
RT: 9.544 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

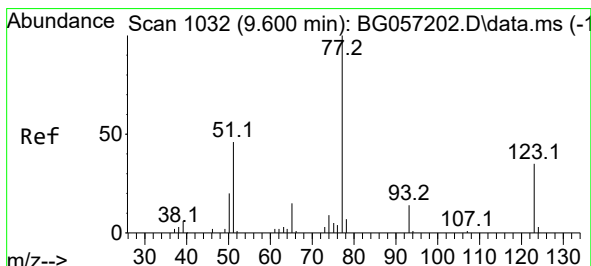
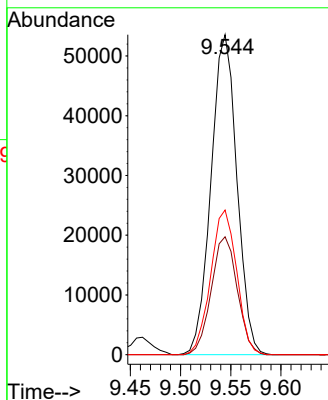
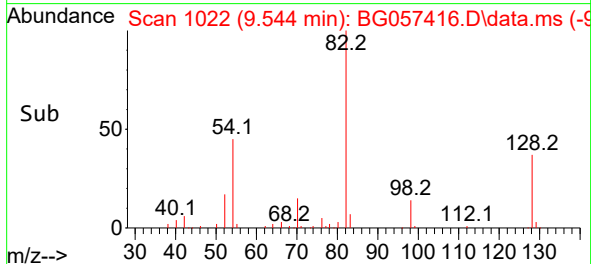
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



Tgt Ion: 82 Resp: 9617
Ion Ratio Lower Upper
82 100
128 36.9 29.0 43.4
54 45.2 41.4 62.0

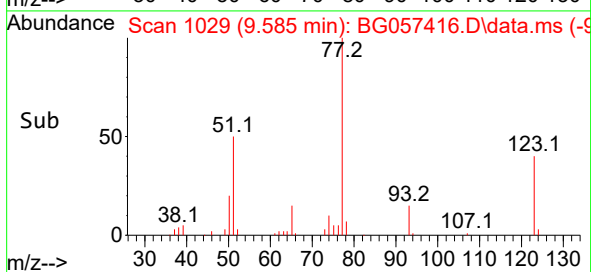
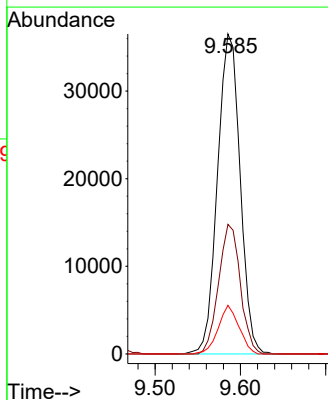
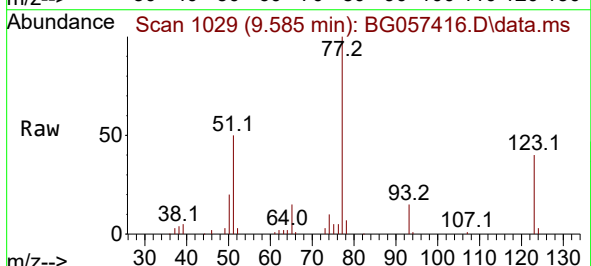
Manual Integrations
APPROVED

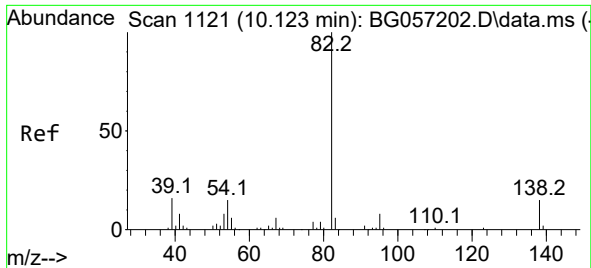
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#24
Nitrobenzene
Concen: 41.808 ng
RT: 9.585 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

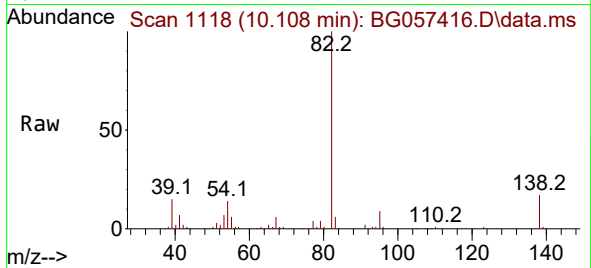
Tgt Ion: 77 Resp: 67171
Ion Ratio Lower Upper
77 100
123 40.5 28.2 42.2
65 15.2 11.7 17.5





#25
Isophorone
Concen: 42.645 ng
RT: 10.108 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

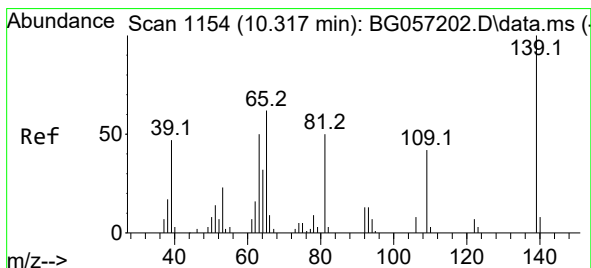
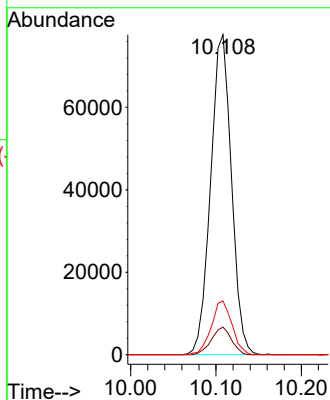
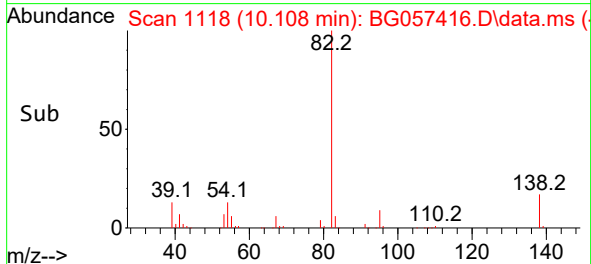
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



Tgt Ion: 82 Resp: 131630
Ion Ratio Lower Upper
82 100
95 8.6 6.4 9.6
138 16.8 12.3 18.5

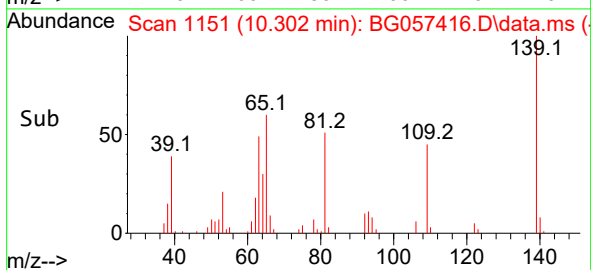
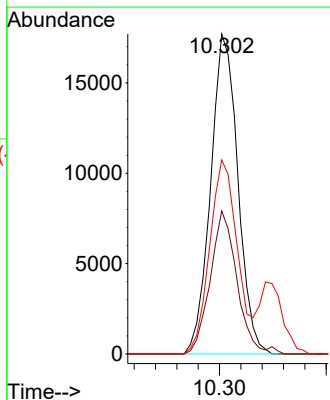
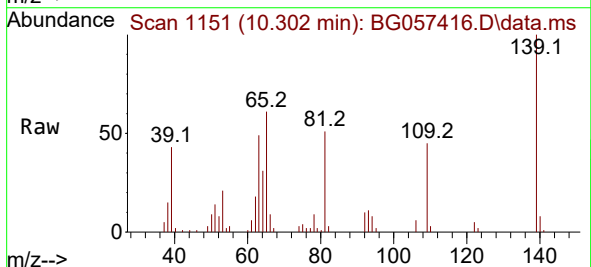
Manual Integrations
APPROVED

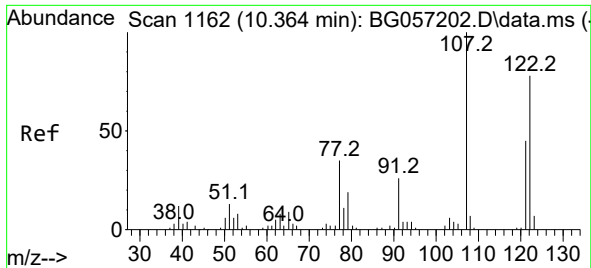
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#26
2-Nitrophenol
Concen: 50.976 ng
RT: 10.302 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:139 Resp: 31349
Ion Ratio Lower Upper
139 100
109 44.7 33.4 50.2
65 60.6 49.8 74.6





#27

2,4-Dimethylphenol

Concen: 50.453 ng

RT: 10.349 min Scan# 1159

Delta R.T. 0.006 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

Instrument :

BNA_G

ClientSampleId :

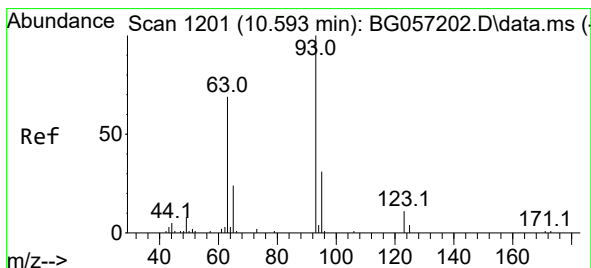
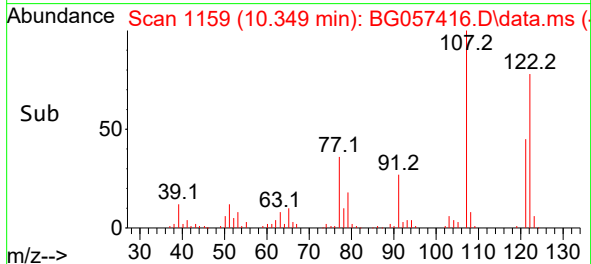
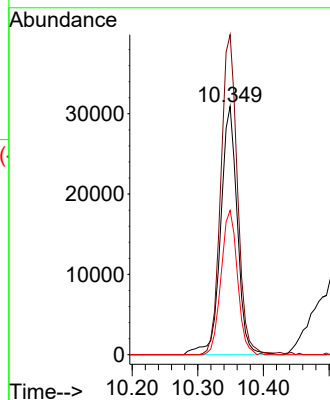
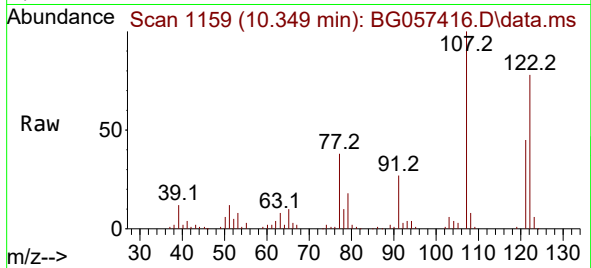
SB-03-10-12-20230510MS

Tgt Ion:122 Resp: 54330
 Ion Ratio Lower Upper
 122 100
 107 128.9 103.0 154.4
 121 58.1 45.9 68.9

Manual Integrations

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



#28

bis(2-Chloroethoxy)methane

Concen: 45.467 ng

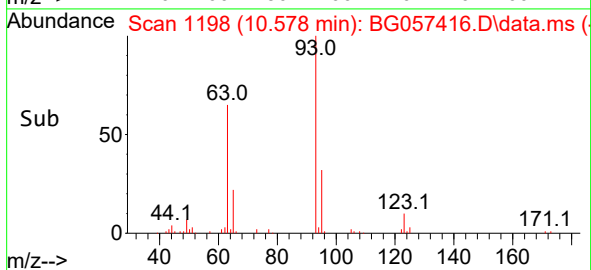
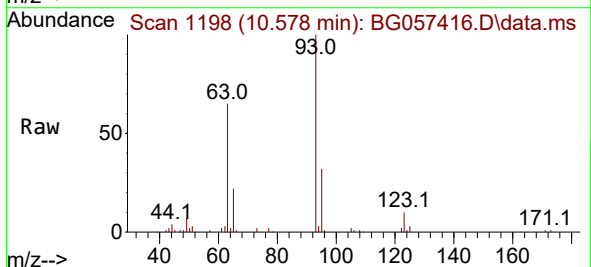
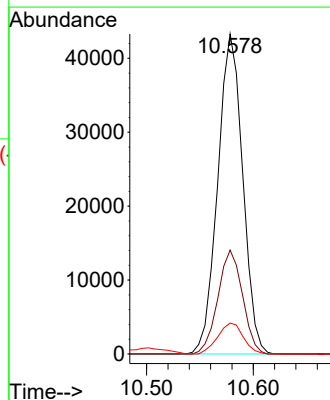
RT: 10.578 min Scan# 1198

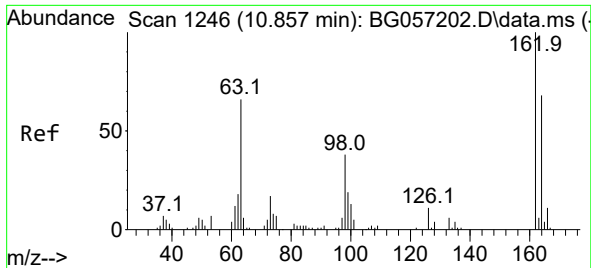
Delta R.T. 0.000 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

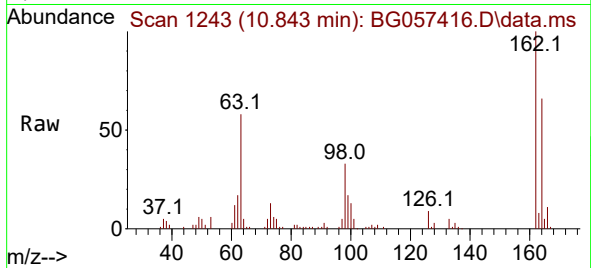
Tgt Ion: 93 Resp: 70308
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.0 37.6
 123 9.7 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 54.418 ng
RT: 10.843 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

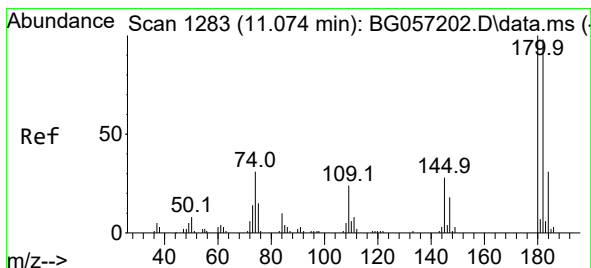
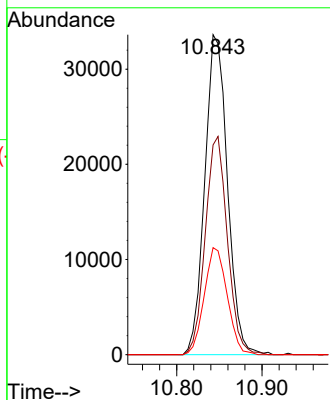
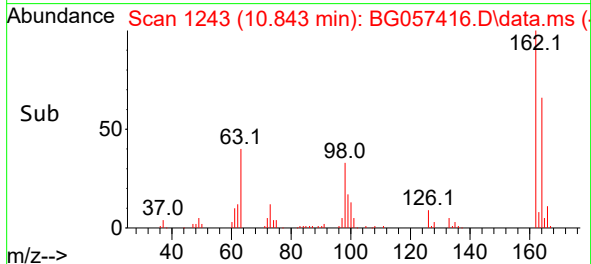
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



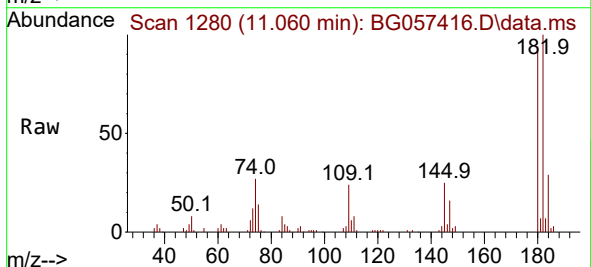
Tgt Ion:162 Resp: 6215
Ion Ratio Lower Upper
162 100
164 65.5 48.4 88.4
98 33.5 17.6 57.6

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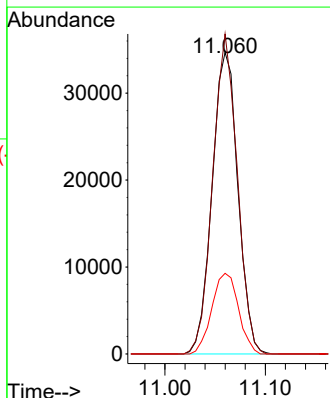
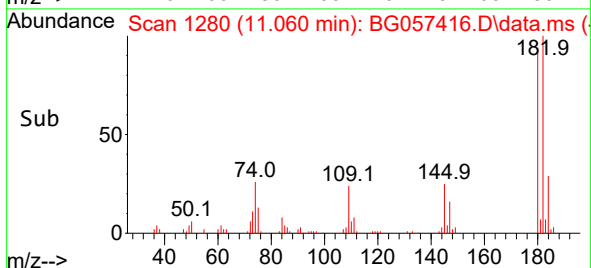
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

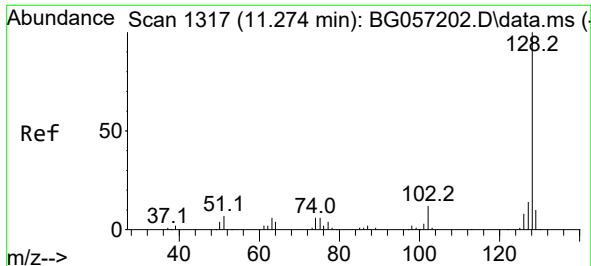


#30
1,2,4-Trichlorobenzene
Concen: 47.006 ng
RT: 11.060 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38



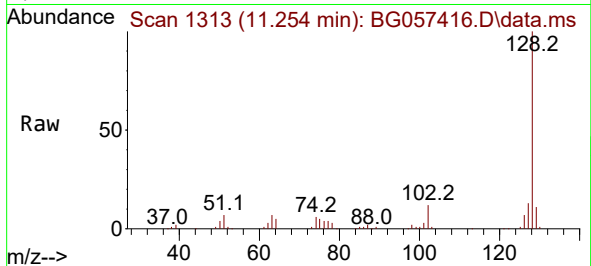
Tgt Ion:180 Resp: 61923
Ion Ratio Lower Upper
180 100
182 106.1 78.0 117.0
145 26.7 22.4 33.6





#31
Naphthalene
Concen: 46.446 ng
RT: 11.254 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

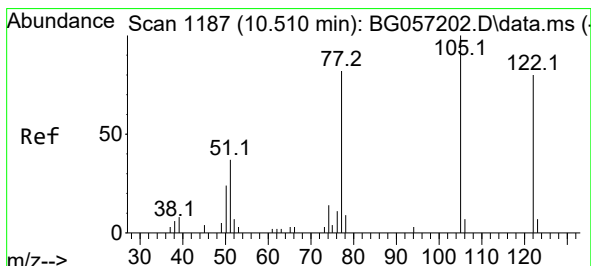
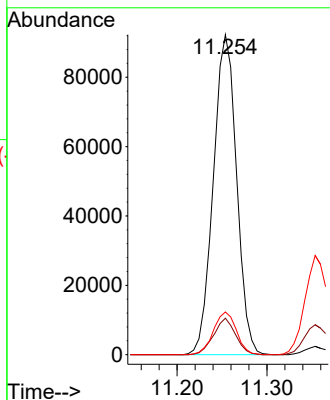
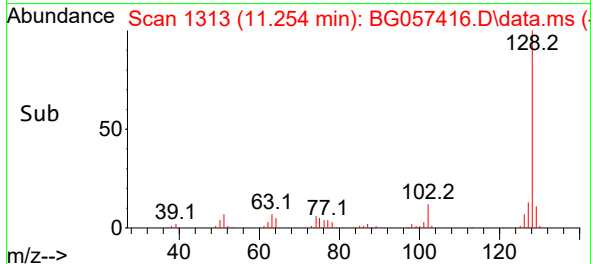
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



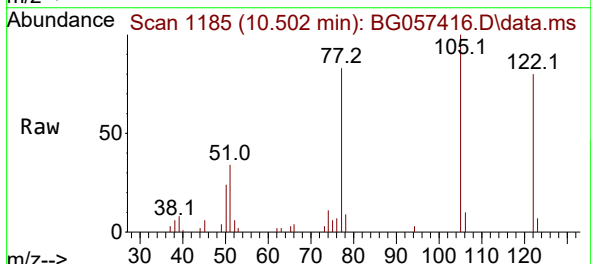
Tgt Ion:128 Resp: 165889
Ion Ratio Lower Upper
128 100
129 11.4 8.3 12.5
127 13.4 11.1 16.7

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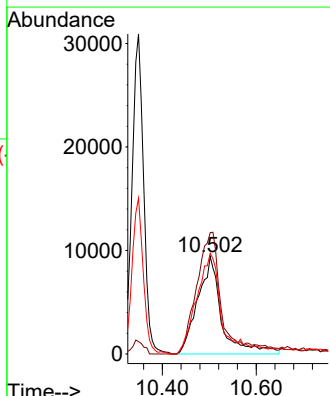
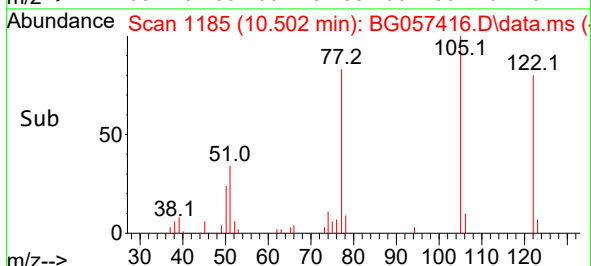
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#32
Benzoic acid
Concen: 52.892 ng m
RT: 10.502 min Scan# 1185
Delta R.T. 0.012 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38



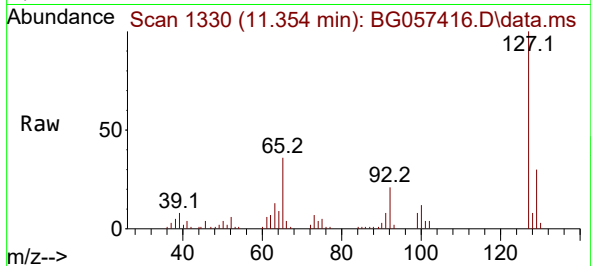
Tgt Ion:122 Resp: 33175
Ion Ratio Lower Upper
122 100
105 124.4 105.2 145.2
77 103.3 83.1 123.1





#33
4-Chloroaniline
Concen: 32.934 ng
RT: 11.354 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

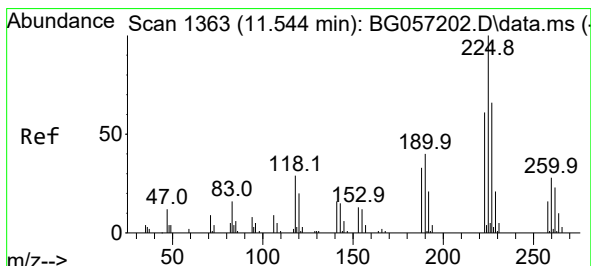
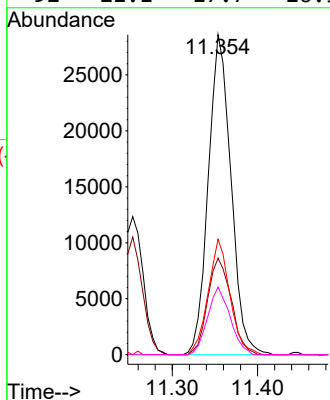
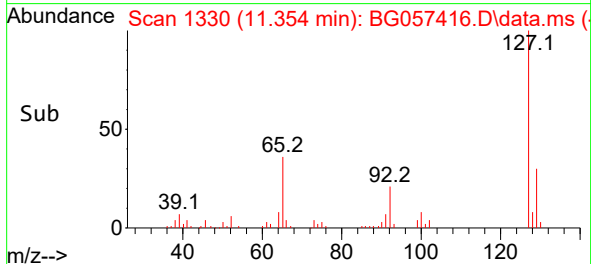
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



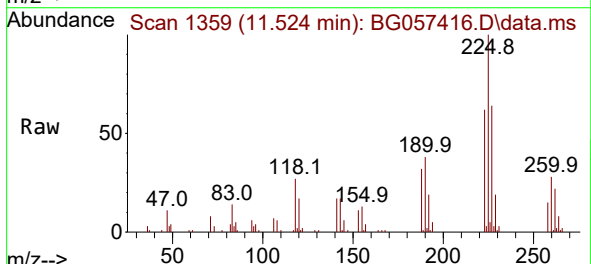
Tgt Ion:127 Resp: 52825
Ion Ratio Lower Upper
127 100
129 30.1 26.7 40.1
65 36.1 29.7 44.5
92 21.1 17.7 26.5

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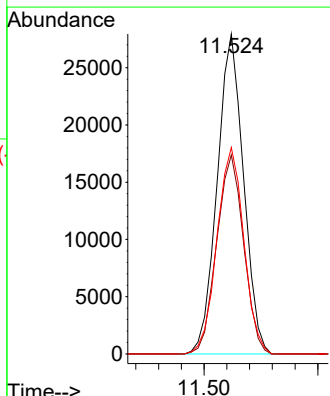
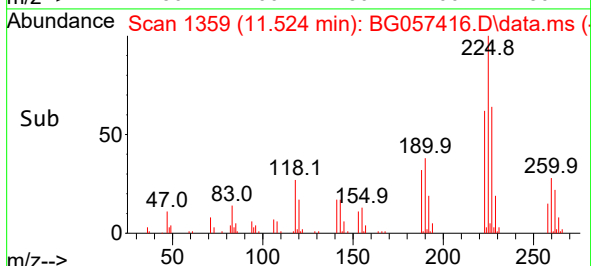
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

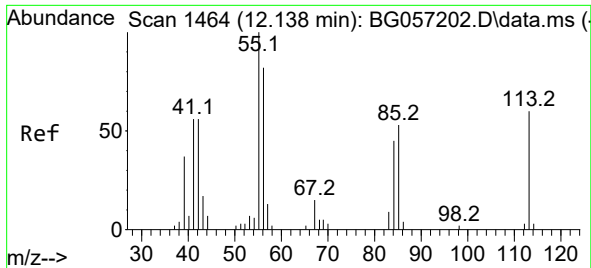


#34
Hexachlorobutadiene
Concen: 45.918 ng
RT: 11.524 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38



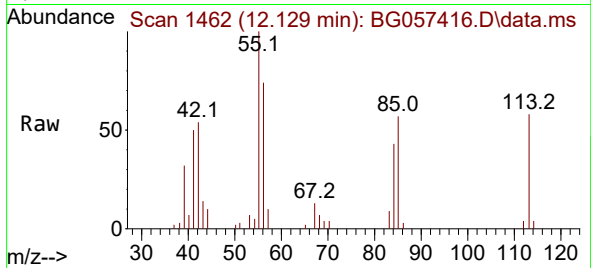
Tgt Ion:225 Resp: 44884
Ion Ratio Lower Upper
225 100
223 62.2 48.6 72.8
227 64.5 52.7 79.1





#35
Caprolactam
Concen: 51.397 ng m
RT: 12.129 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

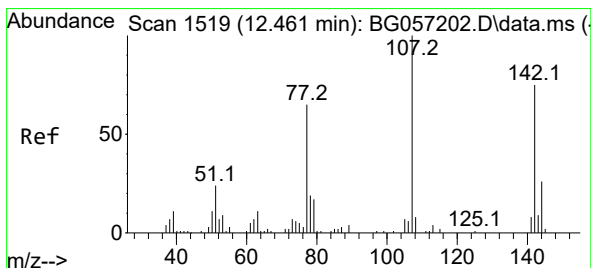
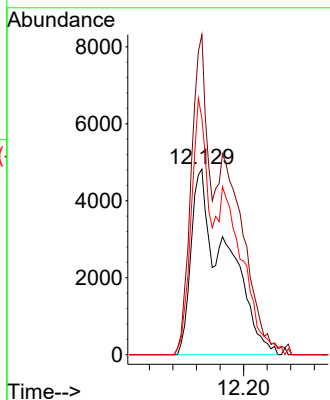
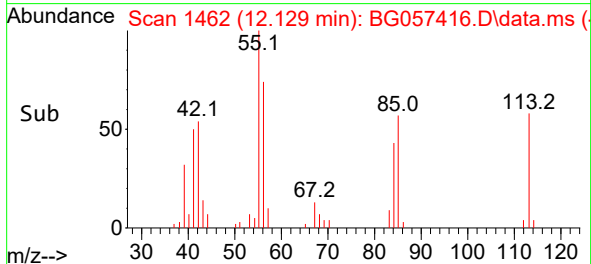
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



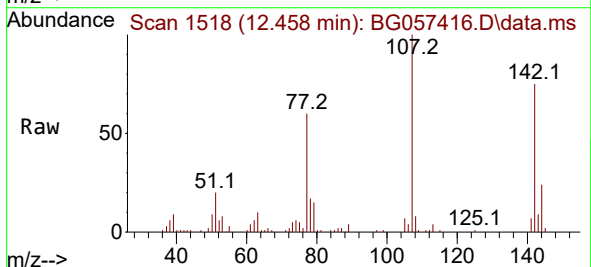
Tgt Ion:113 Resp: 20052
Ion Ratio Lower Upper
113 100
55 172.3 145.5 185.5
56 127.2 115.9 155.9

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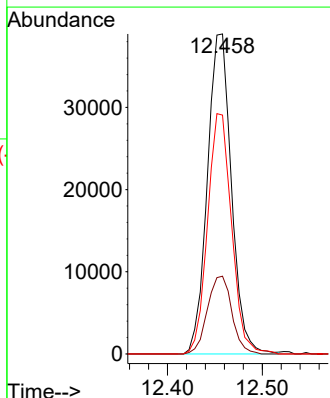
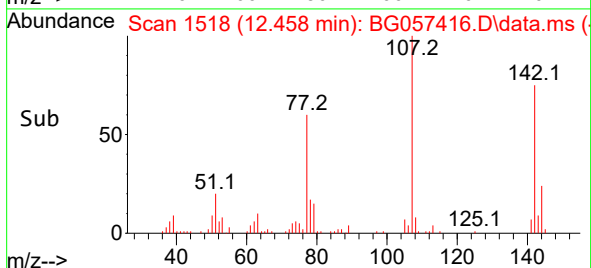
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

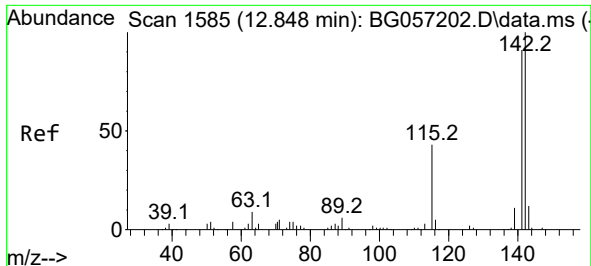


#36
4-Chloro-3-methylphenol
Concen: 52.954 ng
RT: 12.458 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38



Tgt Ion:107 Resp: 68731
Ion Ratio Lower Upper
107 100
144 24.3 21.0 31.6
142 74.7 60.0 90.0





#37

2-Methylnaphthalene

Concen: 46.576 ng

RT: 12.828 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MS

Tgt Ion:142 Resp: 130790

Ion Ratio Lower Upper

142 100

141 86.0 73.1 109.7

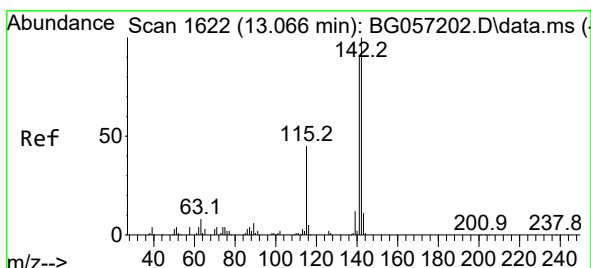
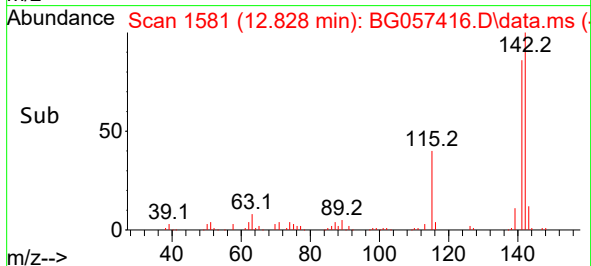
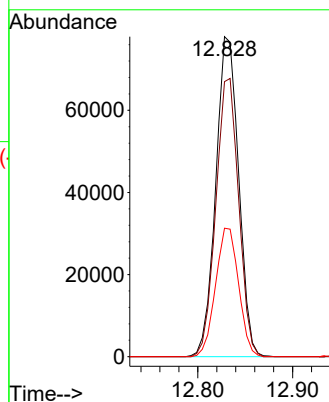
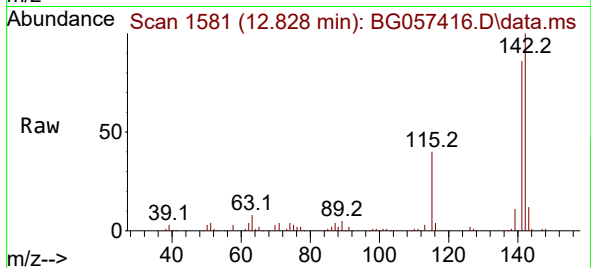
115 40.2 34.6 52.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#38

1-Methylnaphthalene

Concen: 46.354 ng

RT: 13.045 min Scan# 1618

Delta R.T. -0.006 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

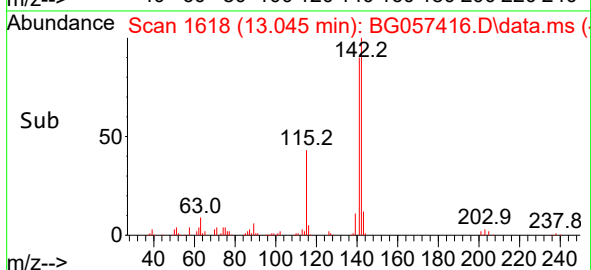
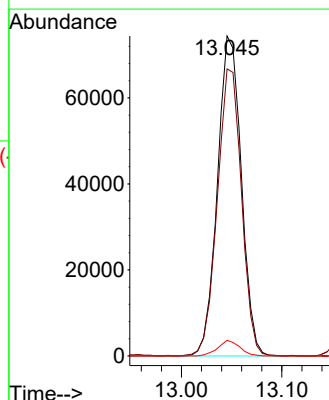
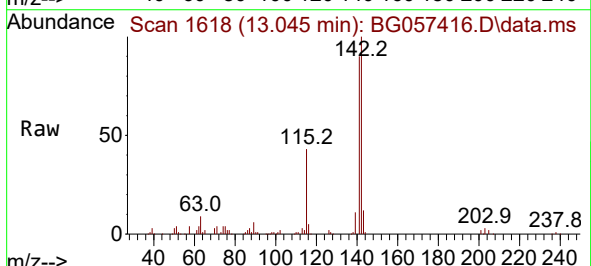
Tgt Ion:142 Resp: 122695

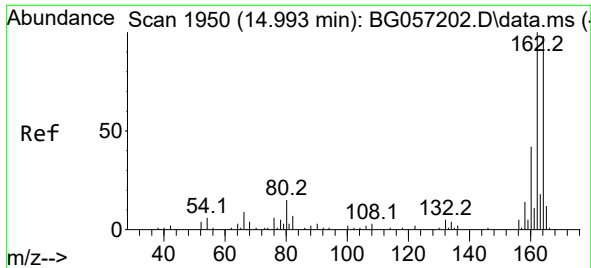
Ion Ratio Lower Upper

142 100

141 89.7 72.5 108.7

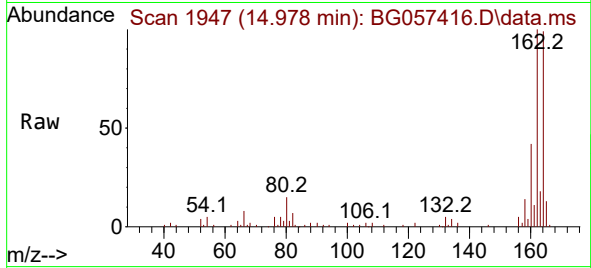
116 4.9 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.978 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

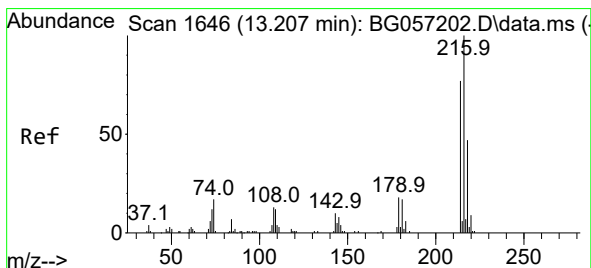
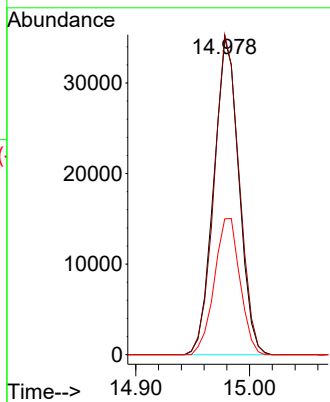
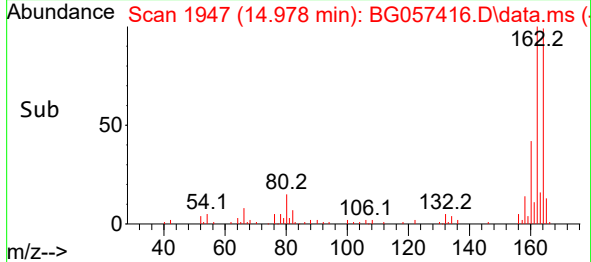
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



Tgt Ion:164 Resp: 53709
Ion Ratio Lower Upper
164 100
162 101.2 81.8 122.6
160 42.9 34.6 52.0

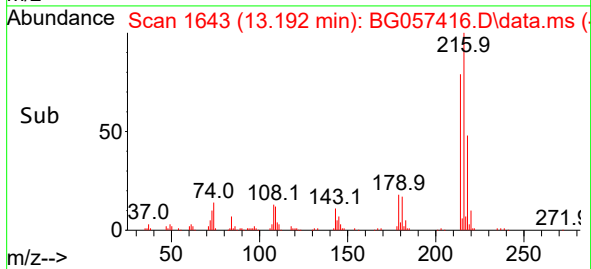
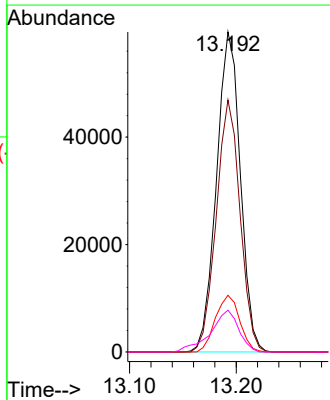
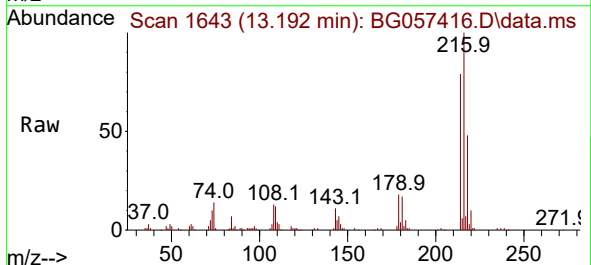
Manual Integrations
APPROVED

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



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.425 ng
RT: 13.192 min Scan# 1643
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

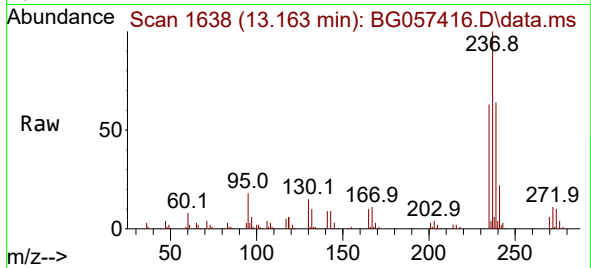
Tgt Ion:216 Resp: 92333
Ion Ratio Lower Upper
216 100
214 78.5 63.7 95.5
179 18.0 14.6 22.0
108 15.4 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 87.104 ng
RT: 13.163 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

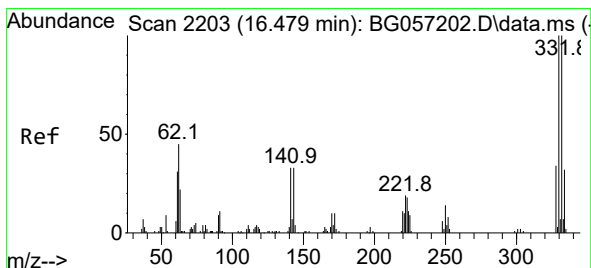
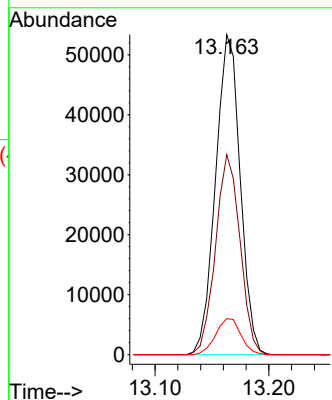
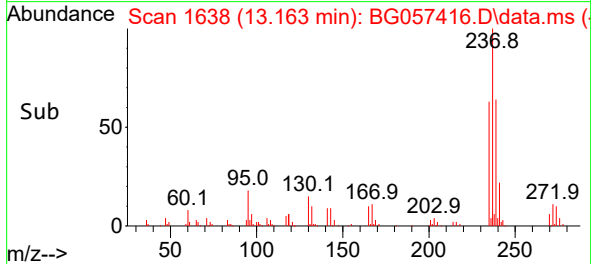
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



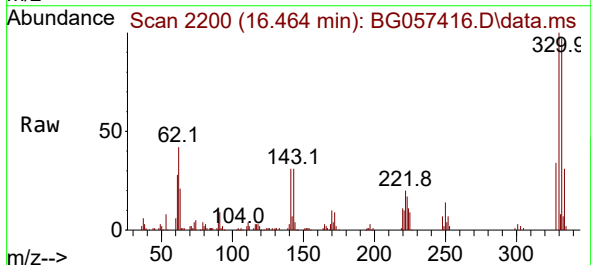
Tgt Ion:237 Resp: 8038
Ion Ratio Lower Upper
237 100
235 62.5 42.0 82.0
272 11.3 0.0 31.5

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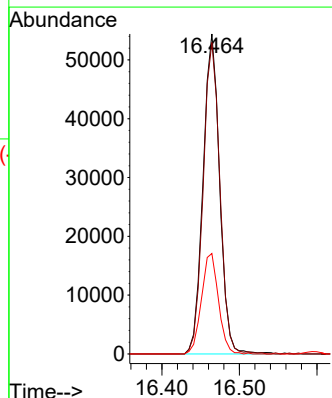
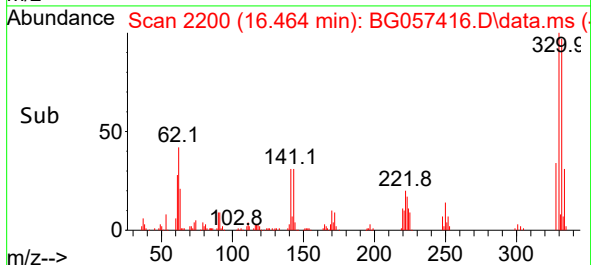
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

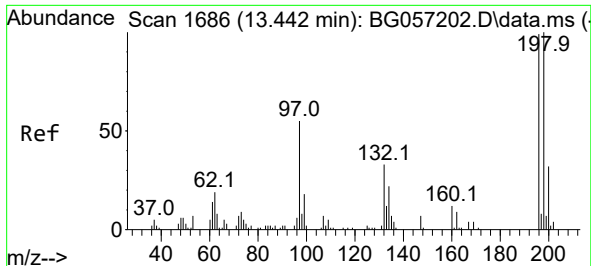


#42
2,4,6-Tribromophenol
Concen: 106.101 ng
RT: 16.464 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38



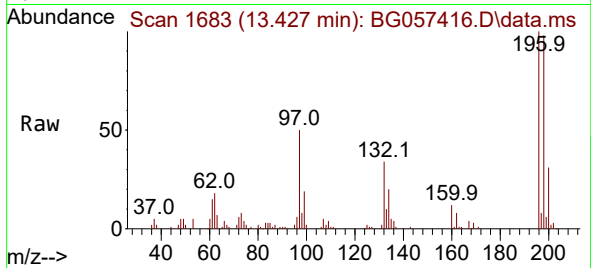
Tgt Ion:330 Resp: 80857
Ion Ratio Lower Upper
330 100
332 97.6 78.2 117.2
141 32.1 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 51.944 ng
RT: 13.427 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

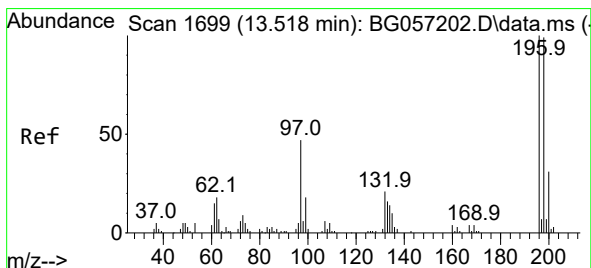
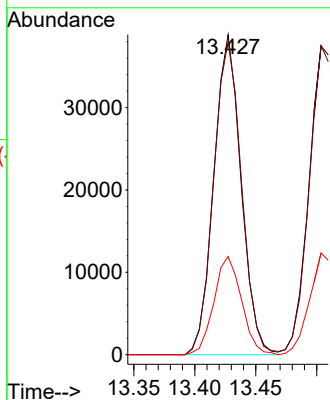
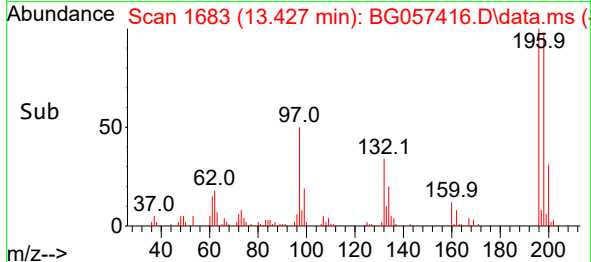
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



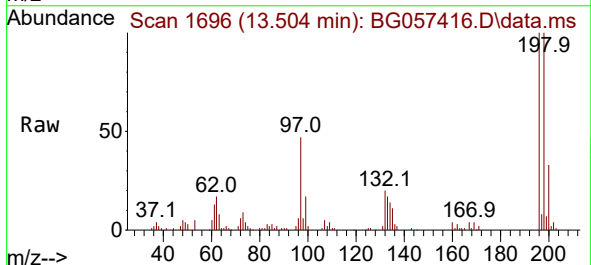
Tgt Ion:196 Resp: 60340
Ion Ratio Lower Upper
196 100
198 97.9 81.2 121.8
200 30.7 26.3 39.5

Manual Integrations
APPROVED

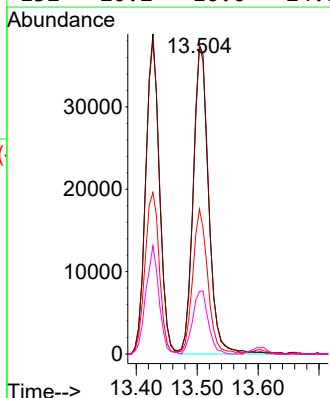
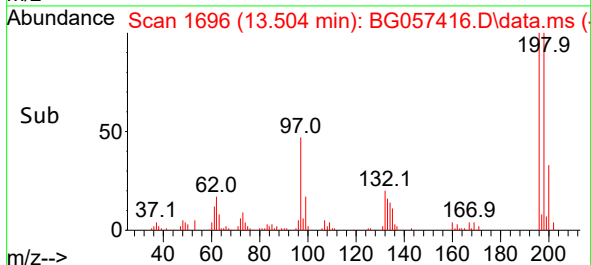
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

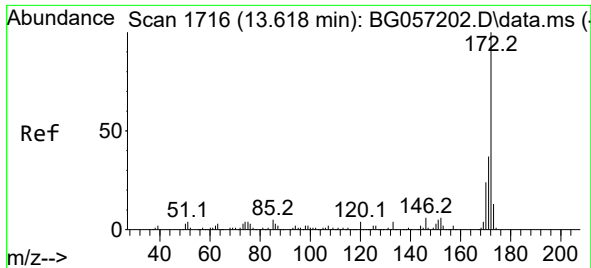


#44
2,4,5-Trichlorophenol
Concen: 48.374 ng
RT: 13.504 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38



Tgt Ion:196 Resp: 66099
Ion Ratio Lower Upper
196 100
198 100.1 79.4 119.2
97 46.9 37.0 55.4
132 20.2 16.6 24.8





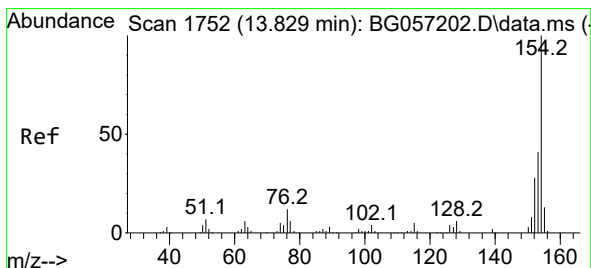
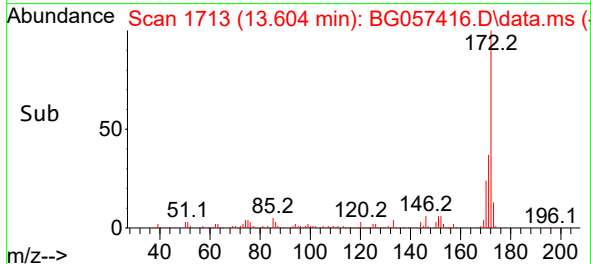
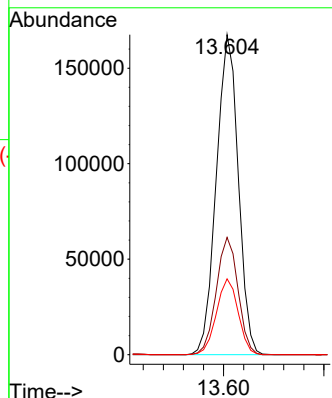
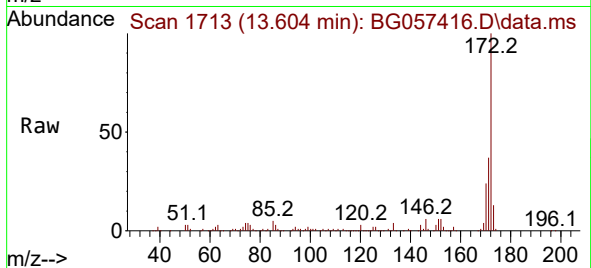
#45
2-Fluorobiphenyl
Concen: 63.677 ng
RT: 13.604 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS

Tgt Ion:172 Resp: 253938
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 23.7 19.0 28.6

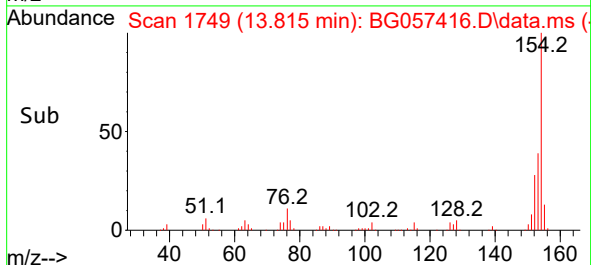
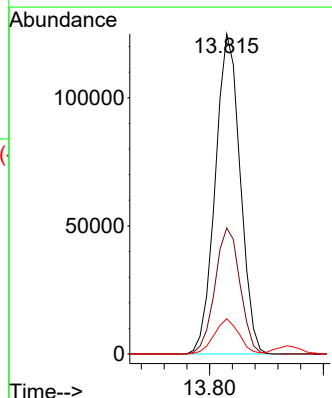
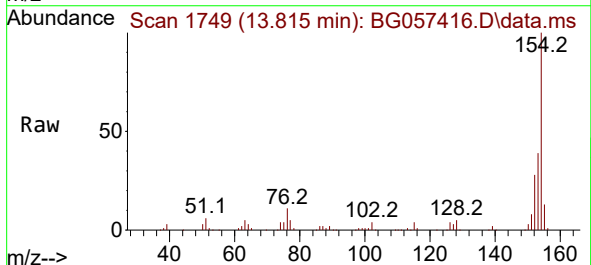
Manual Integrations
APPROVED

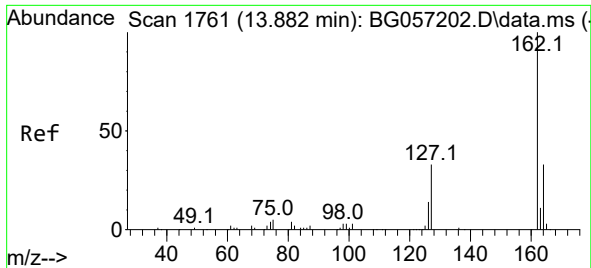
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#46
1,1'-Biphenyl
Concen: 47.674 ng
RT: 13.815 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

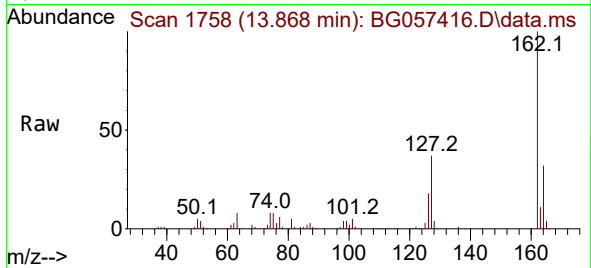
Tgt Ion:154 Resp: 189999
Ion Ratio Lower Upper
154 100
153 39.4 20.9 60.9
76 11.0 0.0 31.7





#47
2-Chloronaphthalene
Concen: 49.211 ng
RT: 13.868 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

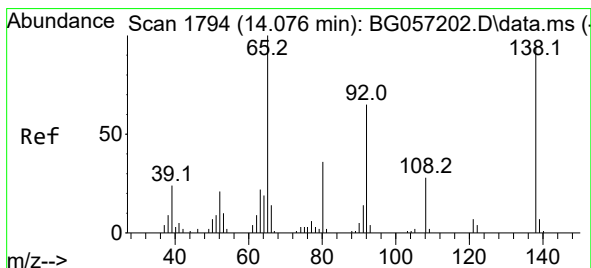
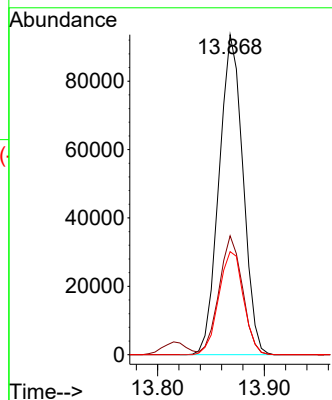
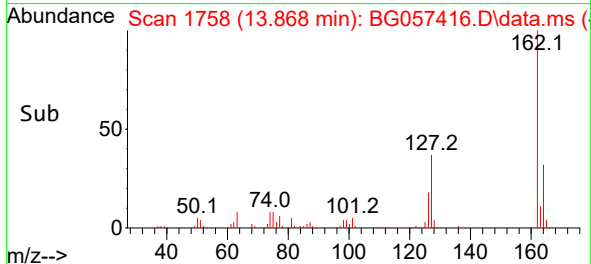
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



Tgt Ion:162 Resp: 145849
Ion Ratio Lower Upper
162 100
127 37.1 29.8 44.6
164 32.2 26.6 40.0

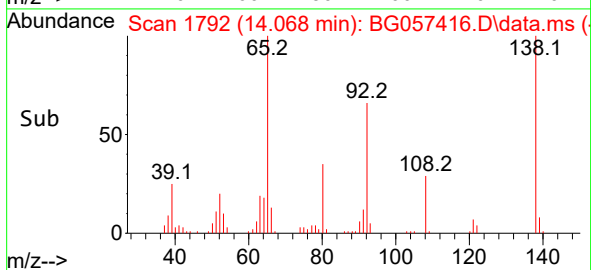
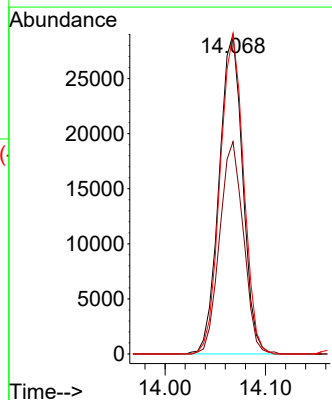
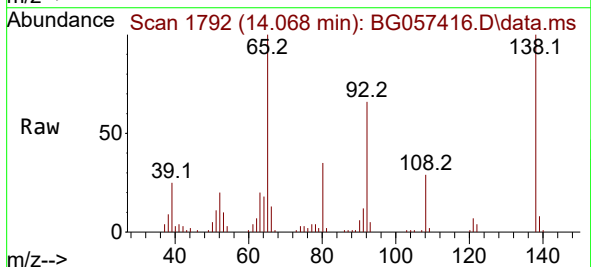
Manual Integrations
APPROVED

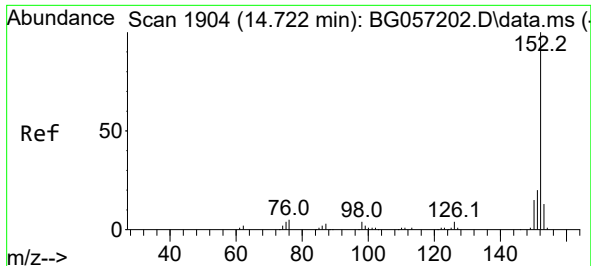
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#48
2-Nitroaniline
Concen: 46.841 ng
RT: 14.068 min Scan# 1792
Delta R.T. 0.006 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion: 65 Resp: 47201
Ion Ratio Lower Upper
65 100
92 66.4 52.1 78.1
138 100.1 75.3 112.9





#49

Acenaphthylene

Concen: 47.536 ng

RT: 14.708 min Scan# 1904

Delta R.T. 0.000 min

Lab File: BG057416.D

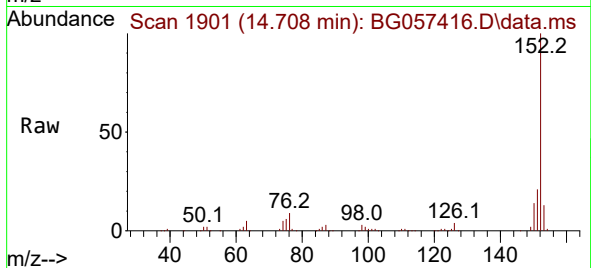
Acq: 12 May 2023 19:38

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MS



Tgt Ion:152 Resp: 228878

Ion Ratio Lower Upper

152 100

151 20.8 16.0 24.0

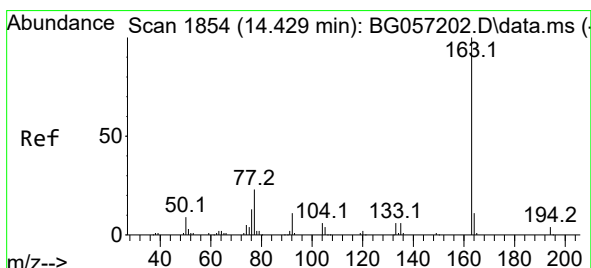
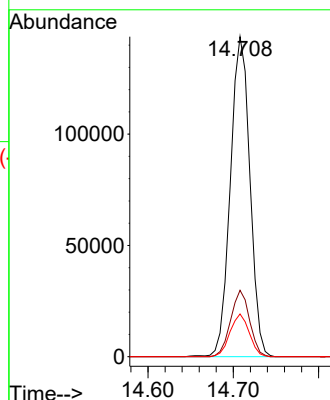
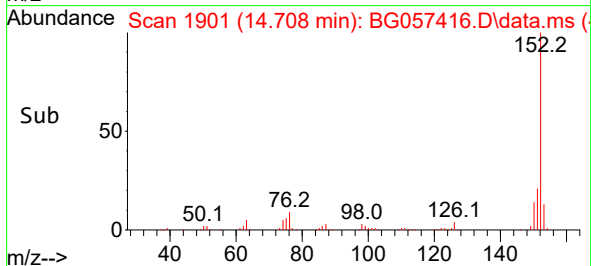
153 13.4 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#50

Dimethylphthalate

Concen: 44.966 ng

RT: 14.420 min Scan# 1852

Delta R.T. 0.006 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

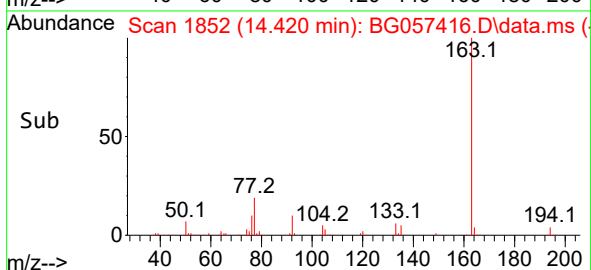
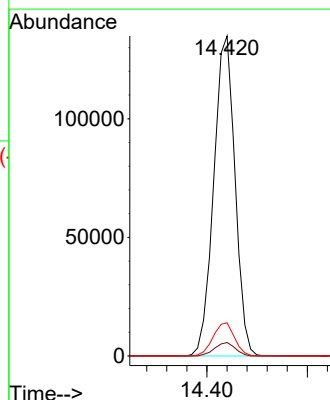
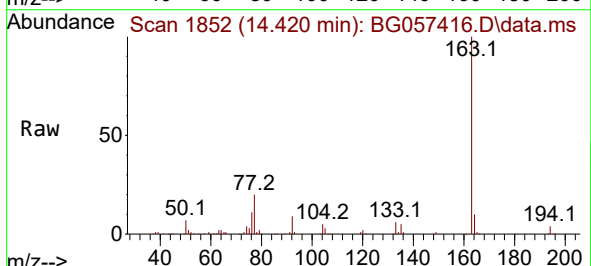
Tgt Ion:163 Resp: 198459

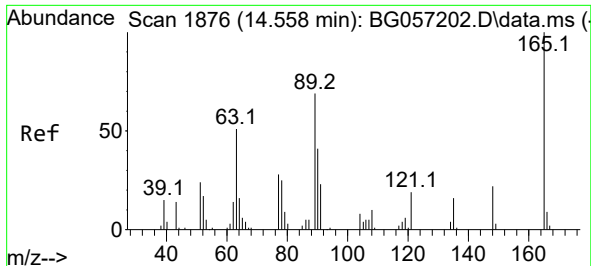
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

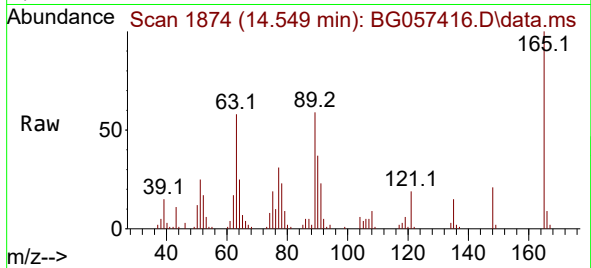
164 10.3 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 48.988 ng
RT: 14.549 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

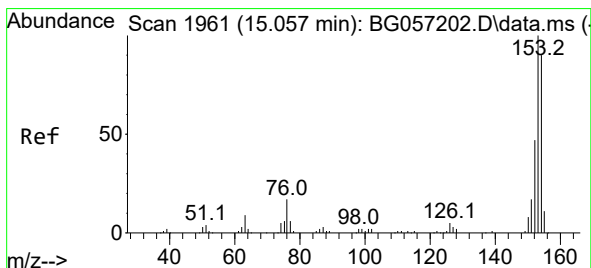
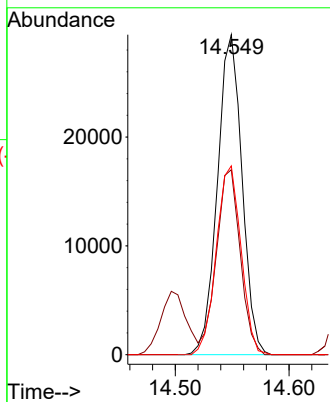
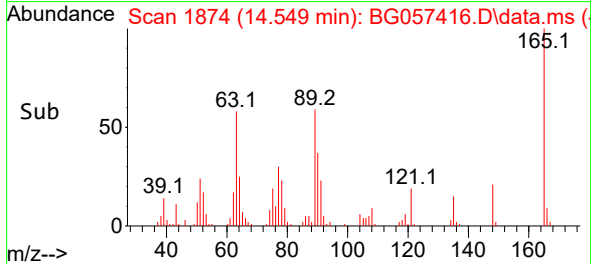
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



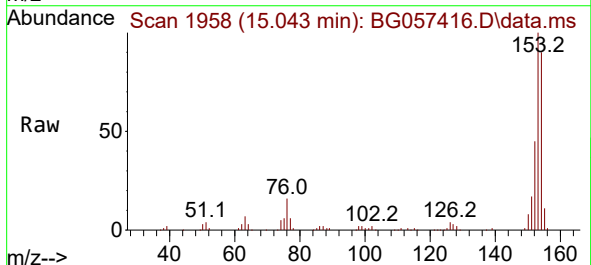
Tgt Ion:165 Resp: 4414
Ion Ratio Lower Upper
165 100
63 57.8 50.9 76.3
89 59.0 55.2 82.8

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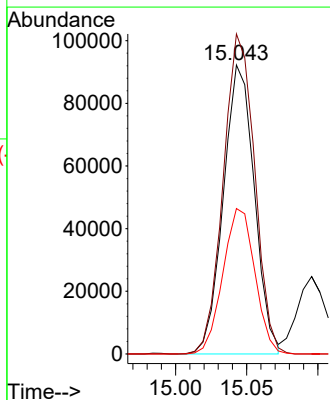
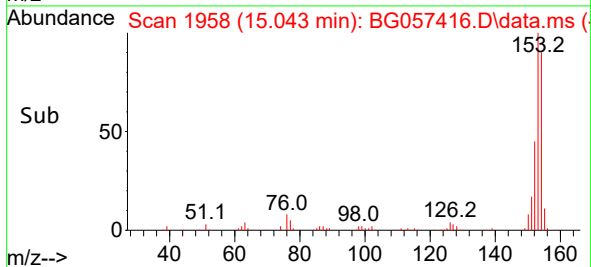
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

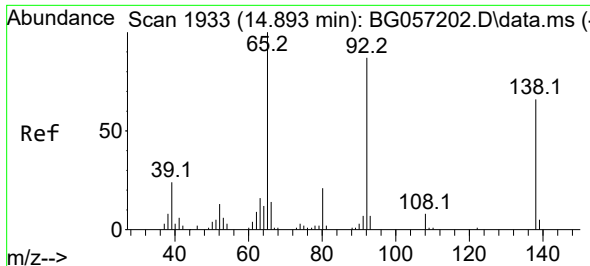


#52
Acenaphthene
Concen: 46.519 ng
RT: 15.043 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38



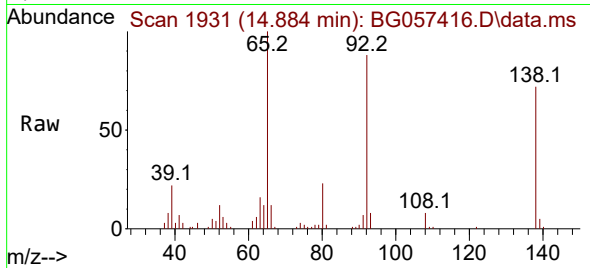
Tgt Ion:154 Resp: 139959
Ion Ratio Lower Upper
154 100
153 110.7 89.3 133.9
152 50.3 41.7 62.5





#53
3-Nitroaniline
Concen: 35.033 ng
RT: 14.884 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

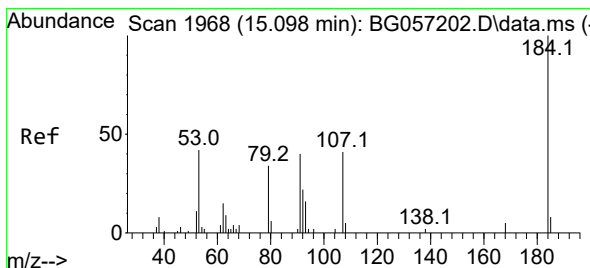
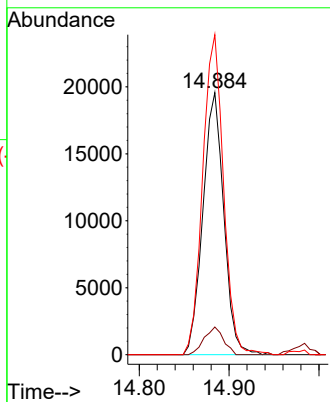
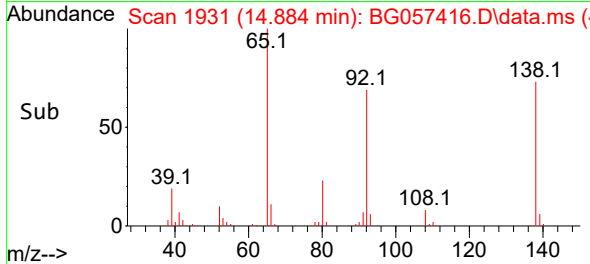
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



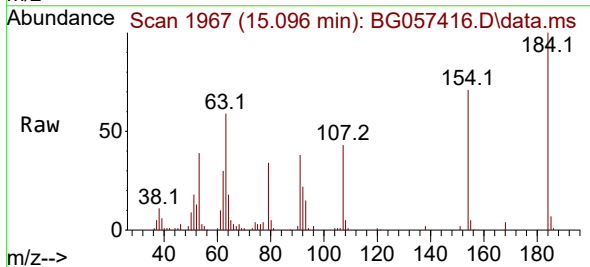
Tgt Ion:138 Resp: 3162
Ion Ratio Lower Upper
138 100
108 10.6 9.5 14.3
92 122.1 106.2 159.4

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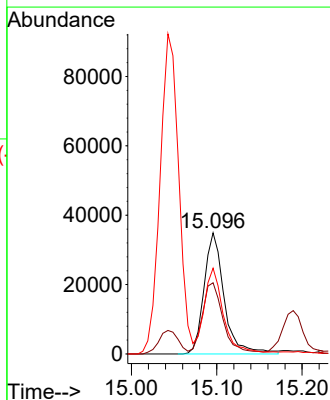
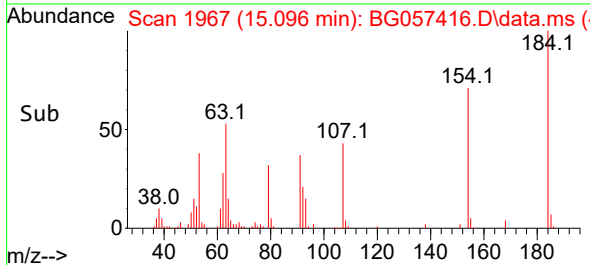
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

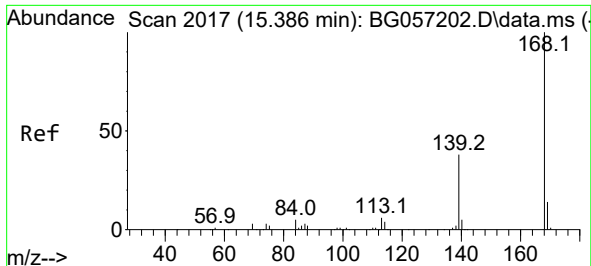


#54
2,4-Dinitrophenol
Concen: 101.423 ng
RT: 15.096 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38



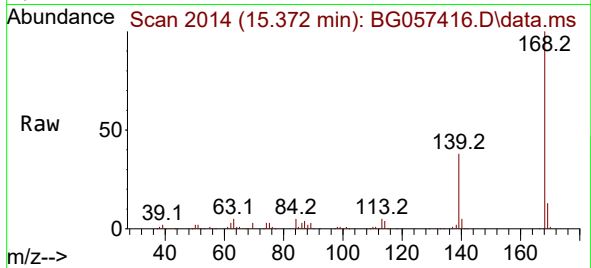
Tgt Ion:184 Resp: 57383
Ion Ratio Lower Upper
184 100
63 58.8 48.2 72.4
154 70.9 55.4 83.2





#55
Dibenzenofuran
Concen: 46.962 ng
RT: 15.372 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

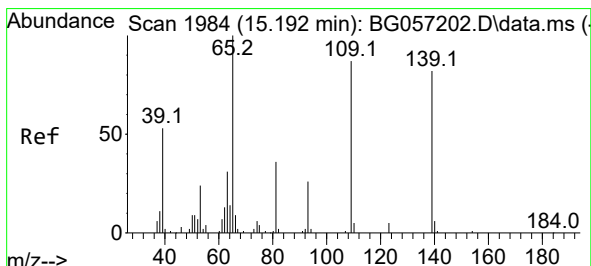
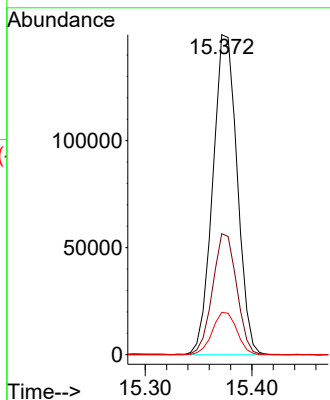
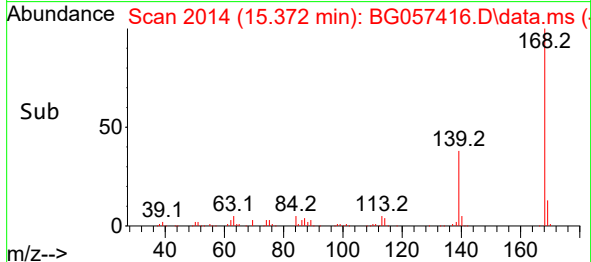
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



Tgt Ion:168 Resp: 23739
Ion Ratio Lower Upper
168 100
139 37.8 30.7 46.1
169 13.3 10.9 16.3

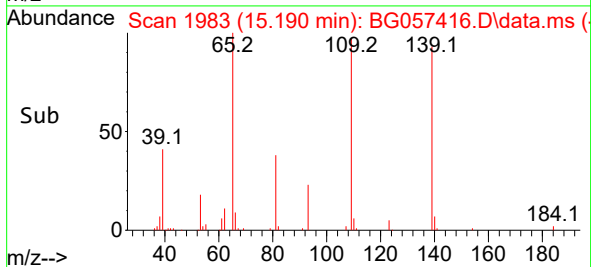
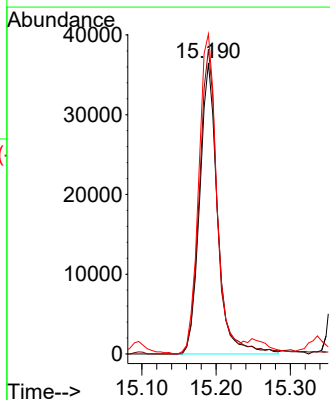
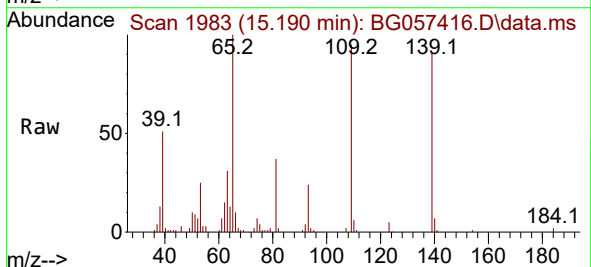
Manual Integrations
APPROVED

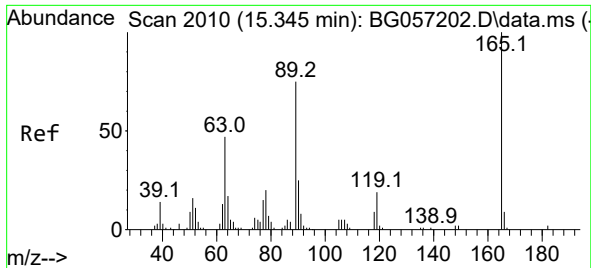
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#56
4-Nitrophenol
Concen: 101.923 ng
RT: 15.190 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

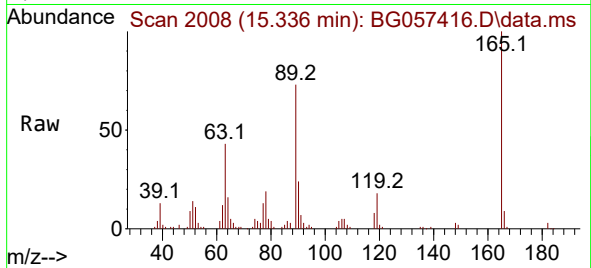
Tgt Ion:139 Resp: 61198
Ion Ratio Lower Upper
139 100
109 104.8 86.6 126.6
65 109.9 102.6 142.6





#57
2,4-Dinitrotoluene
Concen: 49.099 ng
RT: 15.336 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

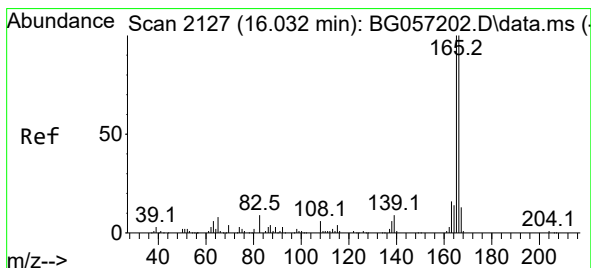
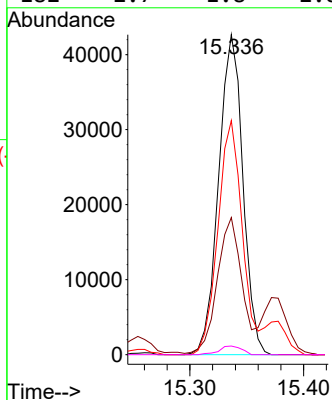
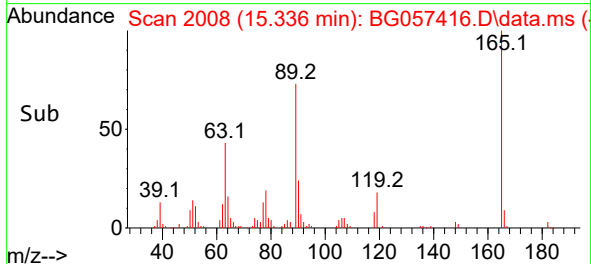
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



Tgt Ion:165 Resp: 6323
Ion Ratio Lower Upper
165 100
63 42.8 37.5 56.3
89 73.1 60.2 90.4
182 2.7 1.8 2.8

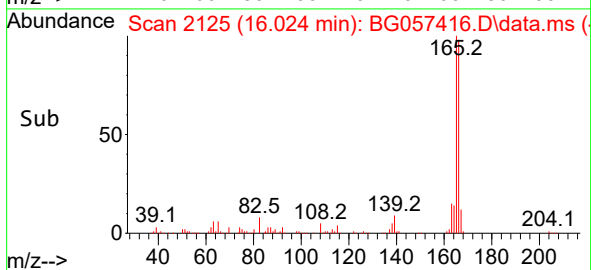
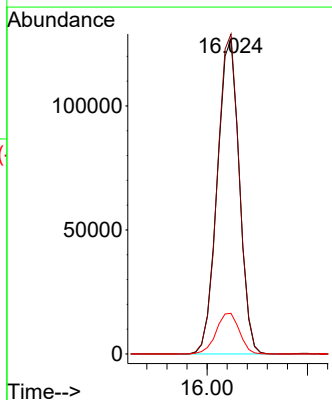
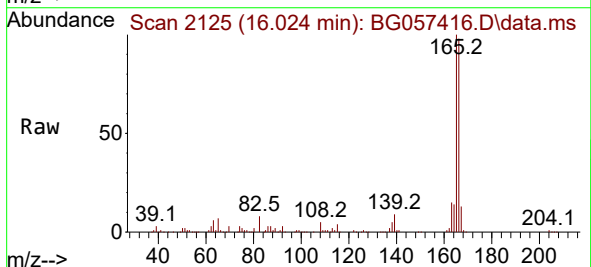
Manual Integrations
APPROVED

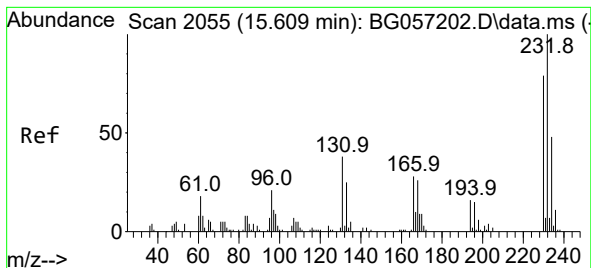
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#58
Fluorene
Concen: 46.283 ng
RT: 16.024 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

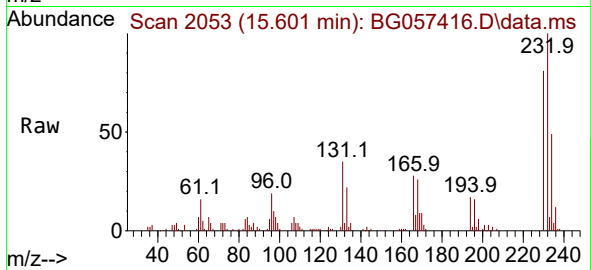
Tgt Ion:166 Resp: 192717
Ion Ratio Lower Upper
166 100
165 101.6 80.1 120.1
167 12.9 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.057 ng
RT: 15.601 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

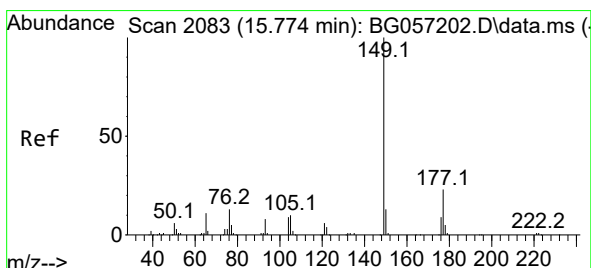
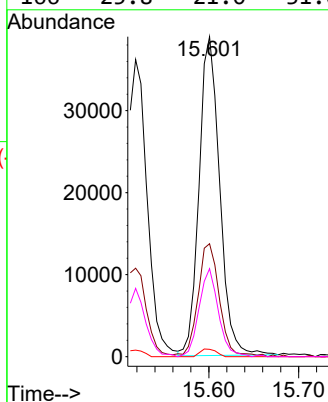
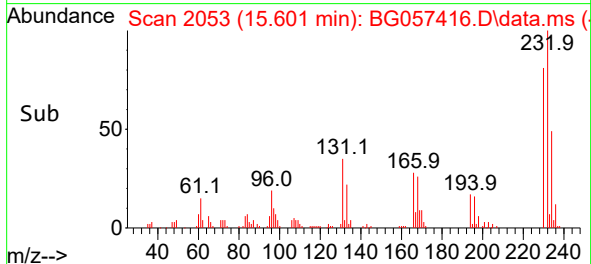
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



Tgt Ion:232 Resp: 6201
Ion Ratio Lower Upper
232 100
131 36.8 28.6 42.8
130 1.9 1.6 2.4
166 25.8 21.0 31.6

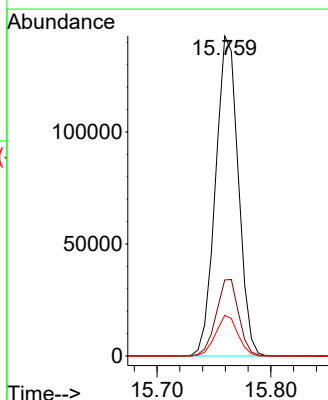
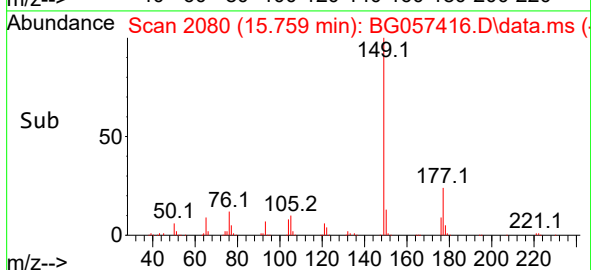
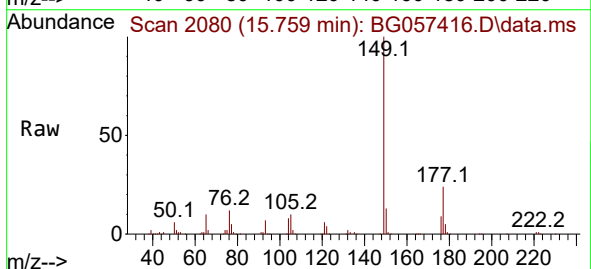
Manual Integrations
APPROVED

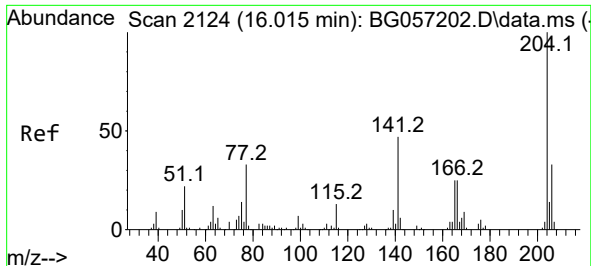
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#60
Diethylphthalate
Concen: 44.296 ng
RT: 15.759 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

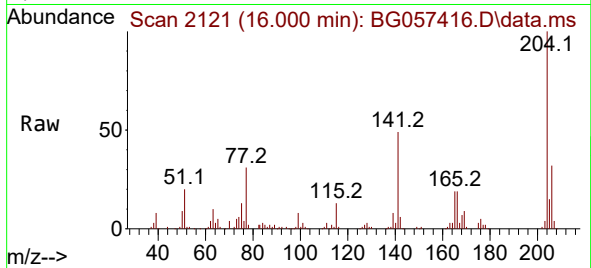
Tgt Ion:149 Resp: 198541
Ion Ratio Lower Upper
149 100
177 23.8 18.3 27.5
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.127 ng
RT: 16.000 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

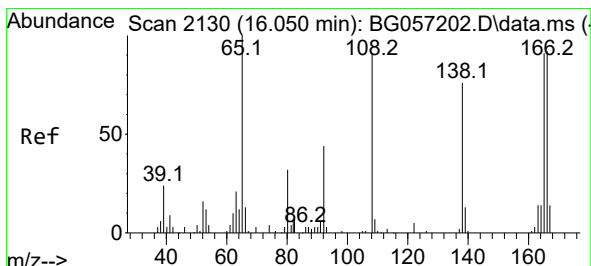
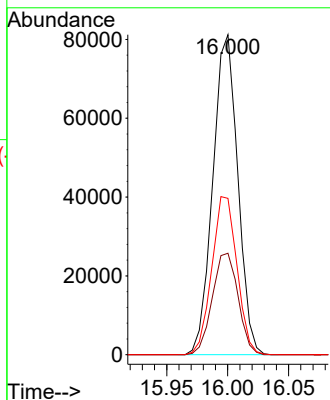
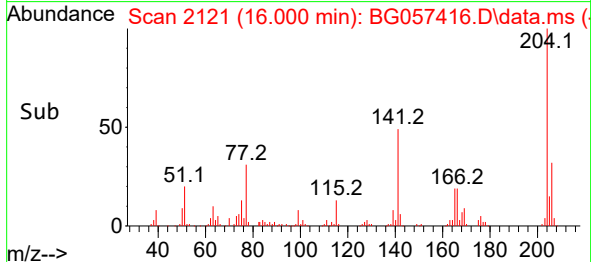
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



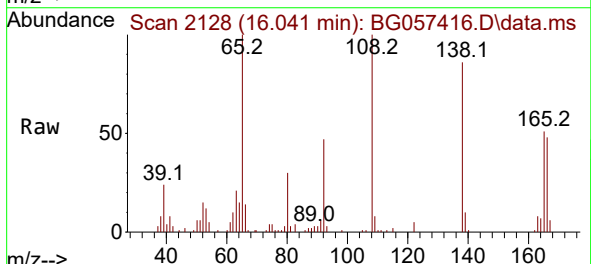
Tgt Ion:204 Resp: 115700
Ion Ratio Lower Upper
204 100
206 31.7 26.5 39.7
141 48.8 37.4 56.0

Manual Integrations
APPROVED

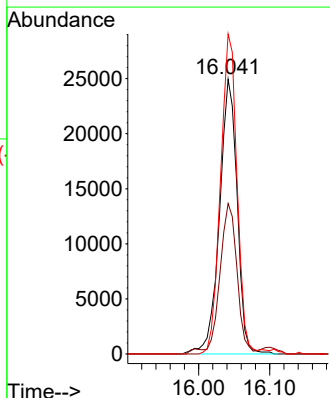
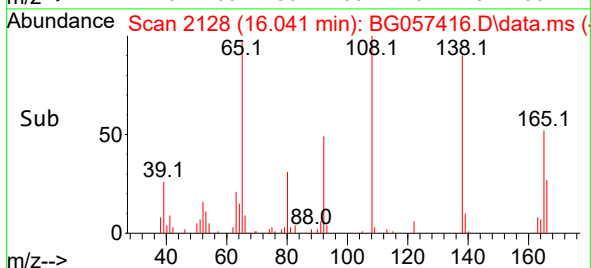
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#62
4-Nitroaniline
Concen: 47.137 ng
RT: 16.041 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38



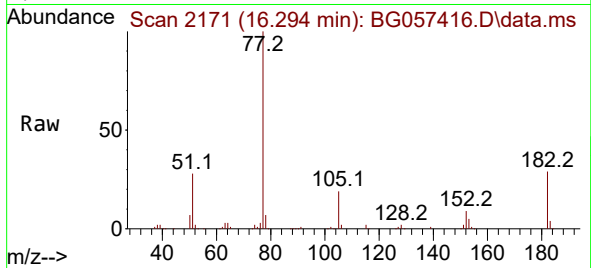
Tgt Ion:138 Resp: 42930
Ion Ratio Lower Upper
138 100
92 54.8 38.2 78.2
108 116.4 99.6 139.6





#63
Azobenzene
Concen: 43.658 ng
RT: 16.294 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

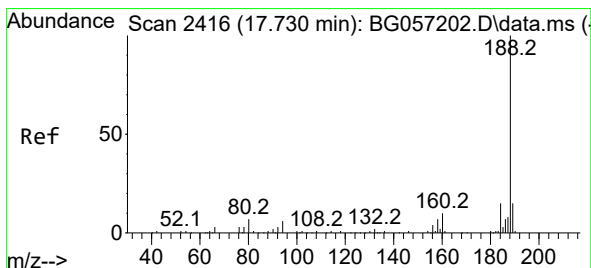
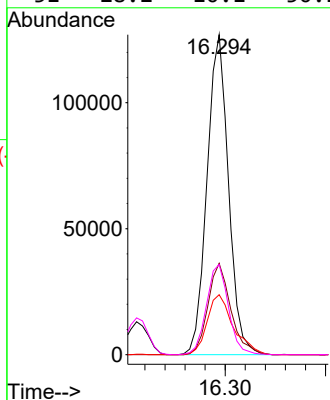
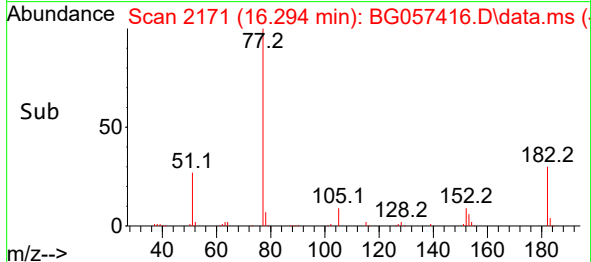
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



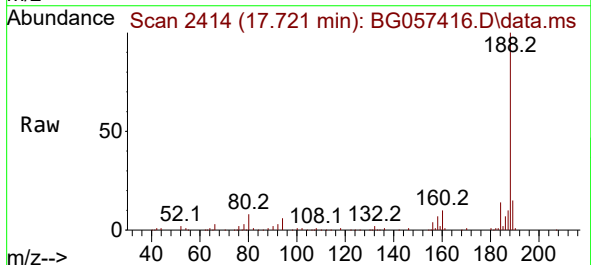
Tgt Ion: 77 Resp: 188805
Ion Ratio Lower Upper
77 100
182 28.6 7.4 47.4
105 18.8 0.0 37.2
51 28.2 10.1 50.1

Manual Integrations
APPROVED

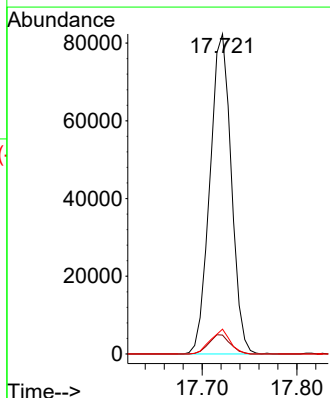
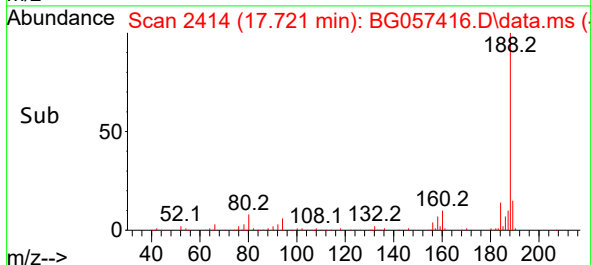
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

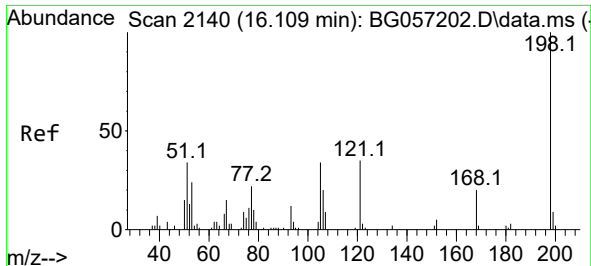


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.721 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38



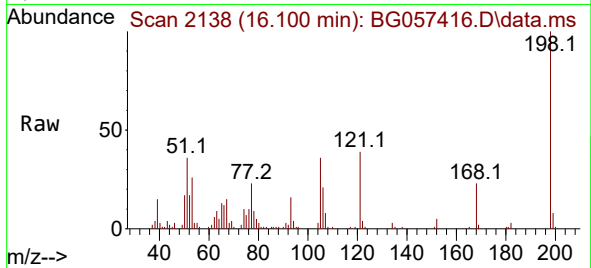
Tgt Ion:188 Resp: 128775
Ion Ratio Lower Upper
188 100
94 5.9 5.1 7.7
80 7.8 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 56.922 ng
RT: 16.100 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

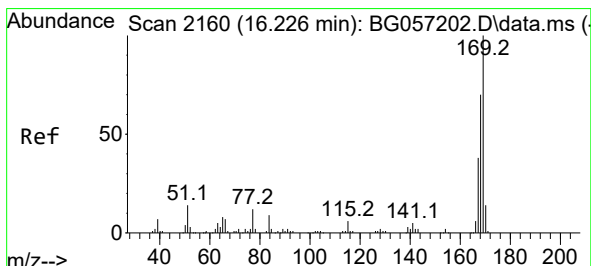
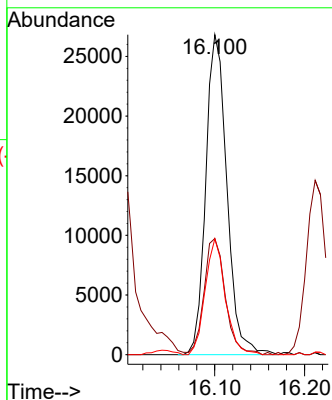
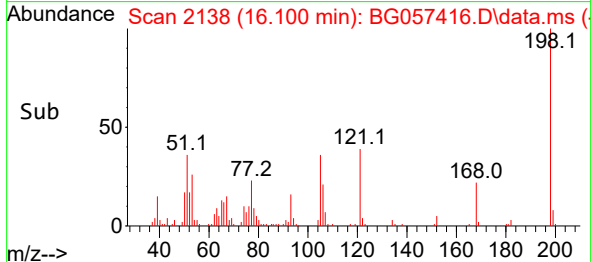
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



Tgt Ion:198 Resp: 43764
Ion Ratio Lower Upper
198 100
51 36.3 16.1 56.1
105 36.2 14.0 54.0

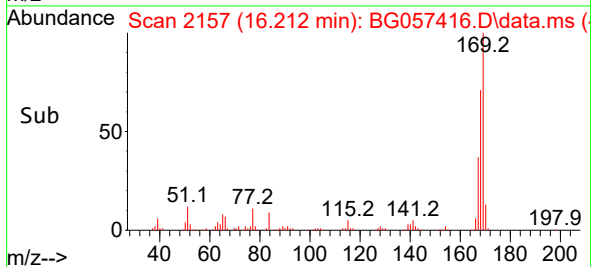
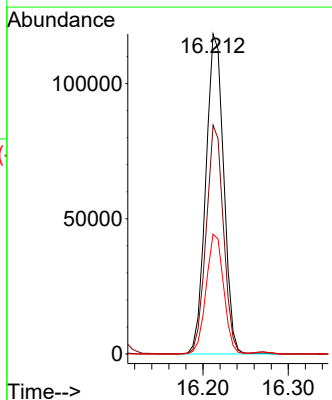
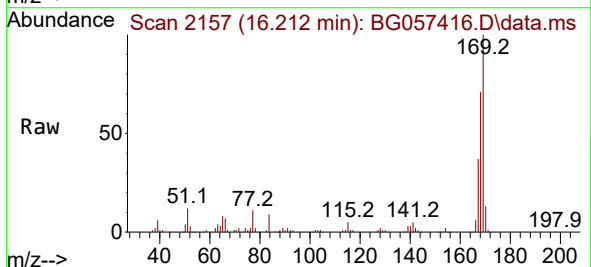
Manual Integrations
APPROVED

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



#66
n-Nitrosodiphenylamine
Concen: 49.214 ng
RT: 16.212 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

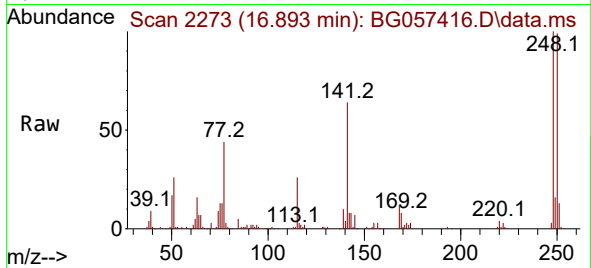
Tgt Ion:169 Resp: 172129
Ion Ratio Lower Upper
169 100
168 71.5 56.2 84.4
167 37.5 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 48.781 ng
RT: 16.893 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

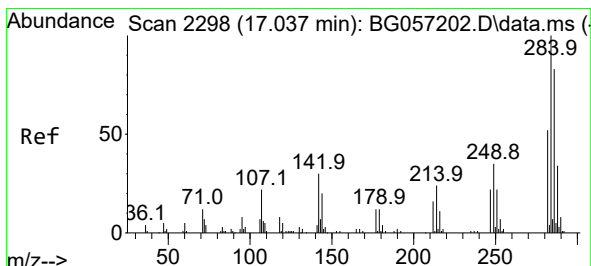
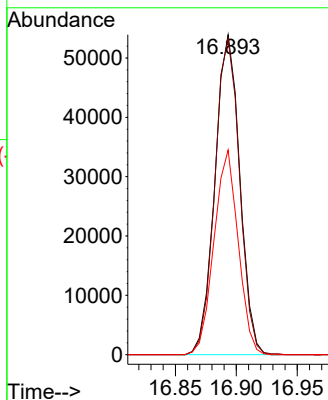
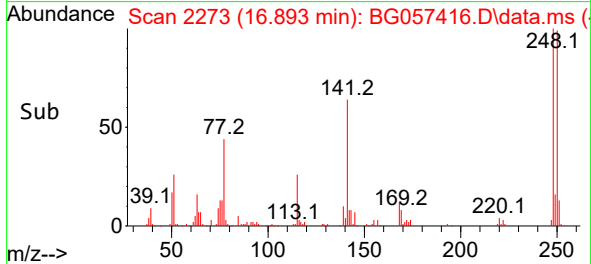
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



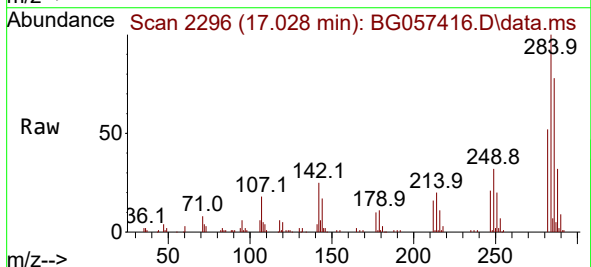
Tgt Ion:248 Resp: 7668
Ion Ratio Lower Upper
248 100
250 98.7 77.0 115.6
141 63.9 48.6 72.8

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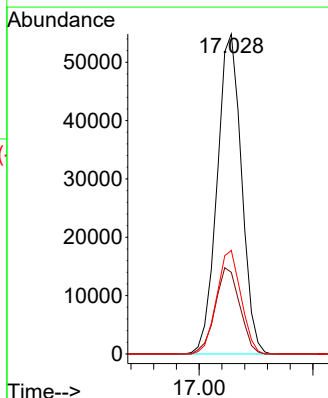
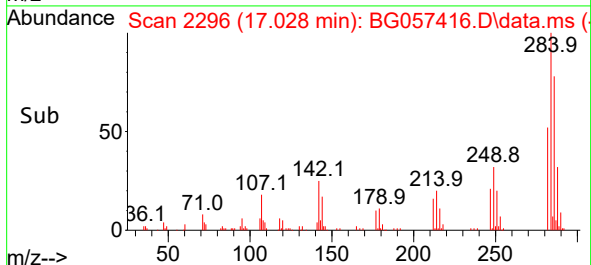
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

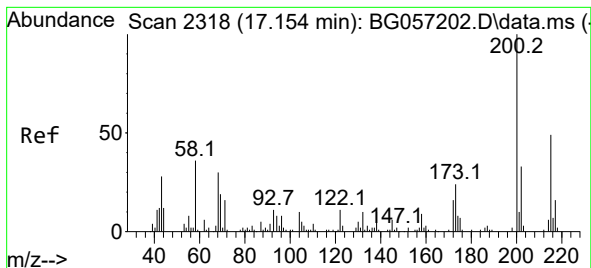


#68
Hexachlorobenzene
Concen: 53.487 ng
RT: 17.028 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38



Tgt Ion:284 Resp: 81710
Ion Ratio Lower Upper
284 100
142 25.5 23.9 35.9
249 32.4 27.7 41.5





#69

Atrazine

Concen: 56.202 ng

RT: 17.146 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

Instrument :

BNA_G

ClientSampleId :

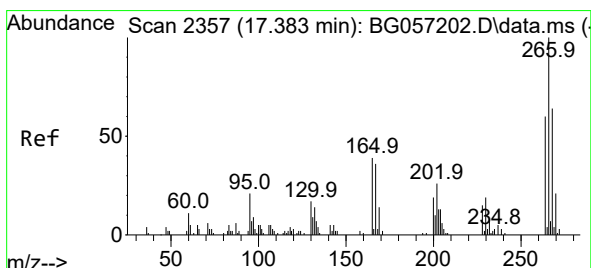
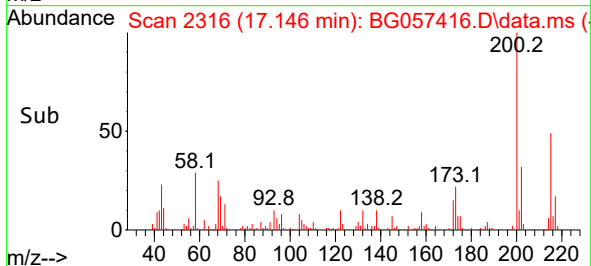
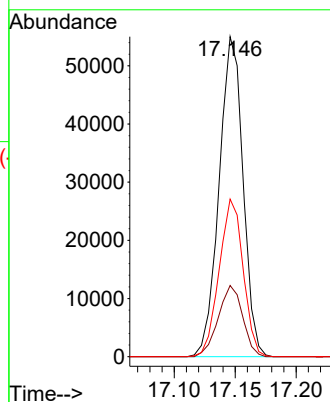
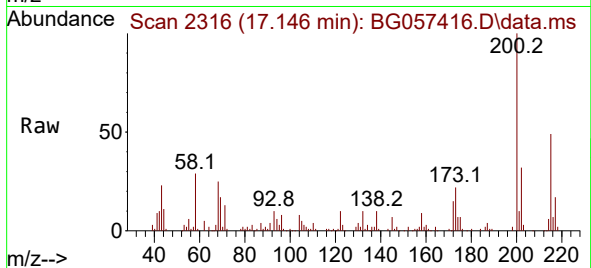
SB-03-10-12-20230510MS

Tgt Ion:200 Resp: 74985
 Ion Ratio Lower Upper
 200 100
 173 22.2 4.3 44.3
 215 49.2 29.3 69.3

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 92.961 ng

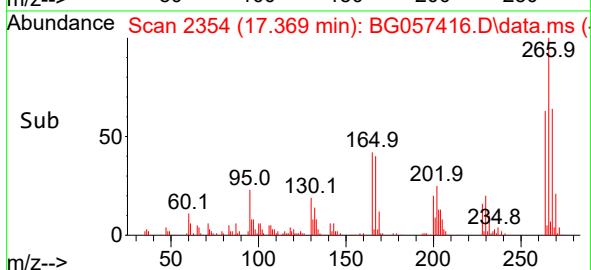
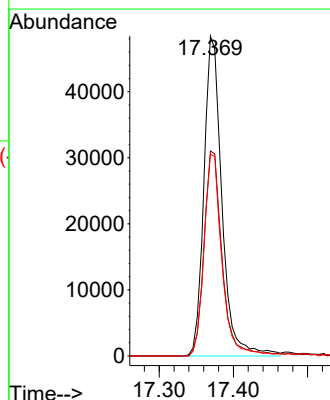
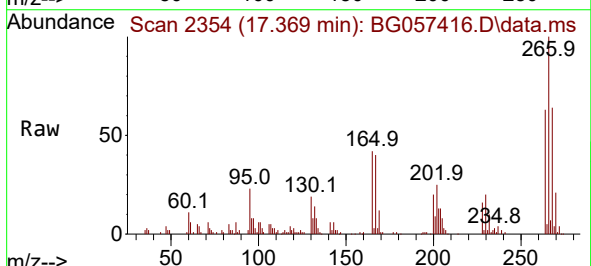
RT: 17.369 min Scan# 2354

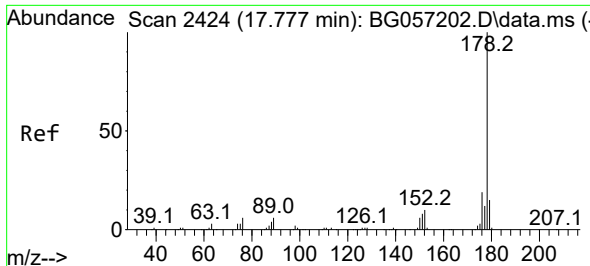
Delta R.T. -0.006 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

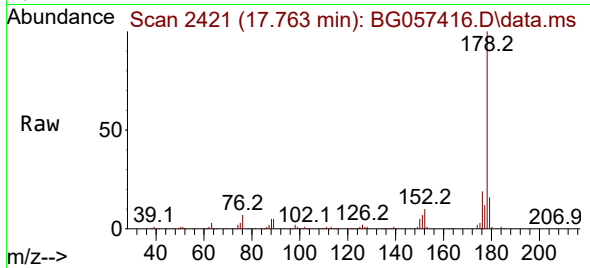
Tgt Ion:266 Resp: 81844
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.0 76.6
 264 63.0 47.8 71.6





#71
Phenanthrene
Concen: 48.447 ng
RT: 17.763 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

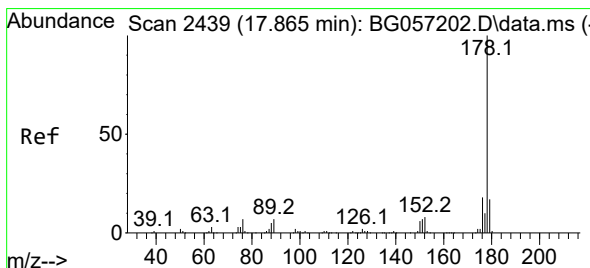
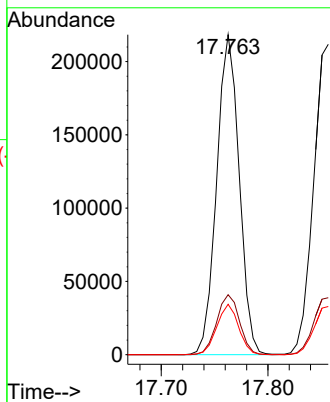
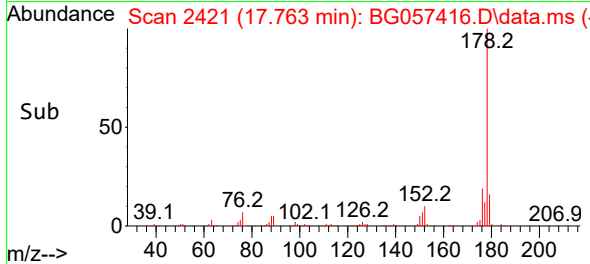
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



Tgt Ion:178 Resp: 31968
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.7 12.3 18.5

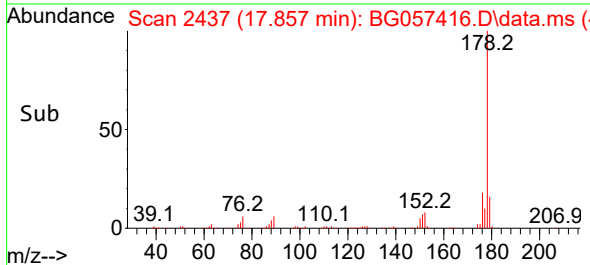
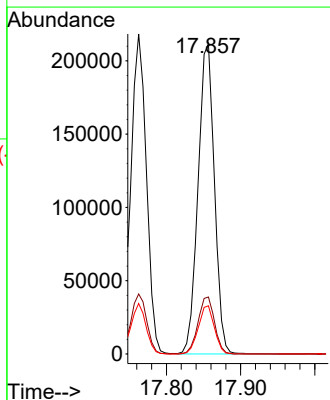
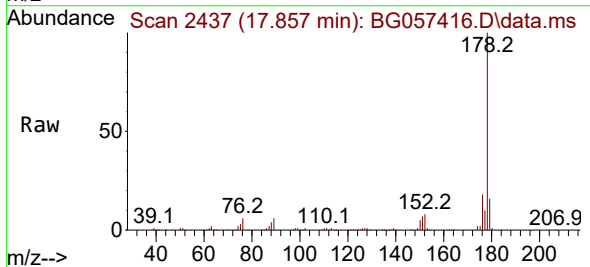
Manual Integrations
APPROVED

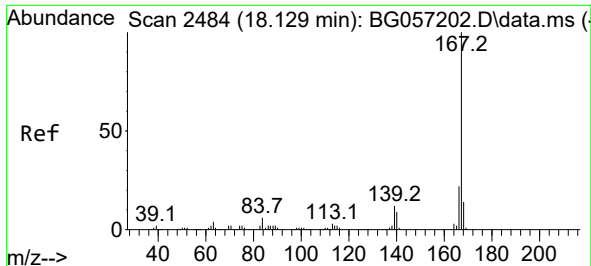
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#72
Anthracene
Concen: 47.861 ng
RT: 17.857 min Scan# 2437
Delta R.T. 0.006 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

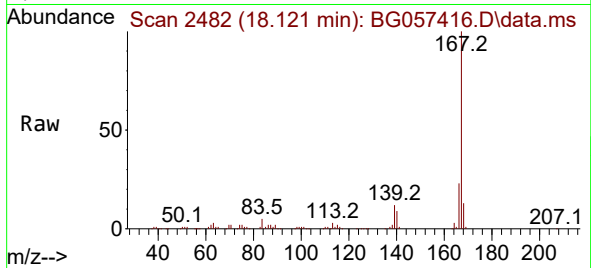
Tgt Ion:178 Resp: 324058
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.5 13.2 19.8





#73
Carbazole
Concen: 49.413 ng
RT: 18.121 min Scan# 2484
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

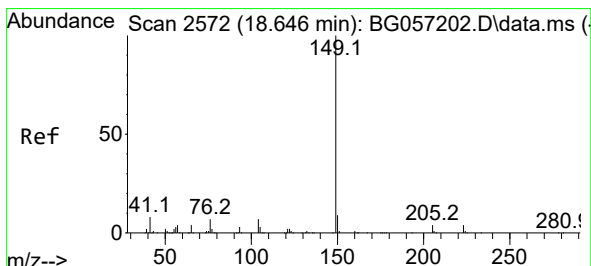
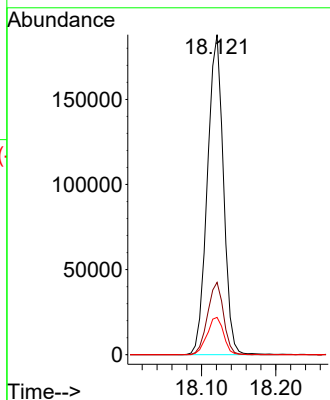
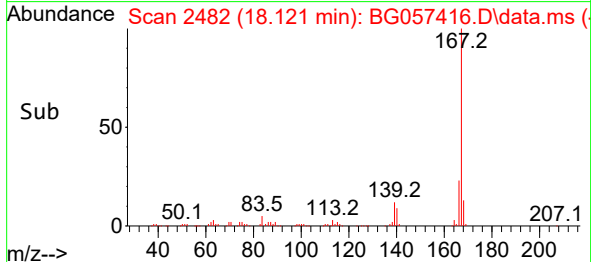
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



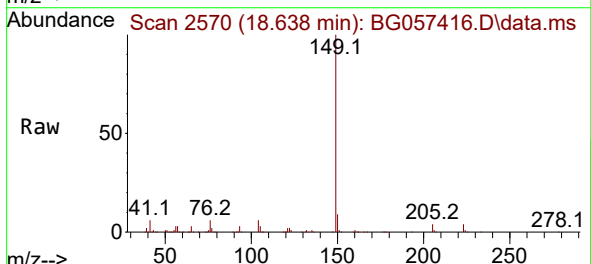
Tgt Ion:167 Resp: 281658
Ion Ratio Lower Upper
167 100
166 22.6 17.4 26.0
139 11.7 9.6 14.4

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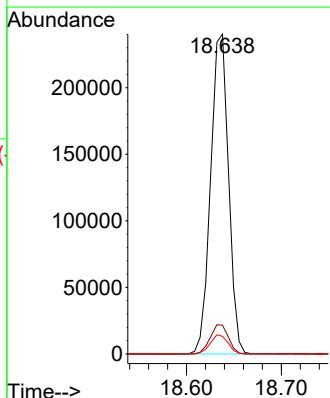
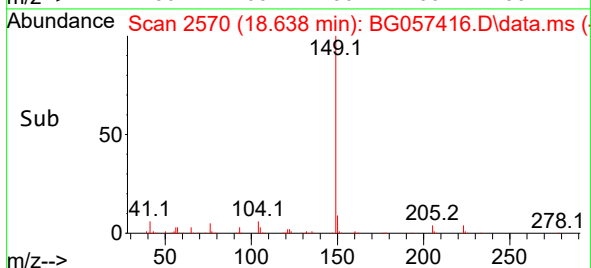
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

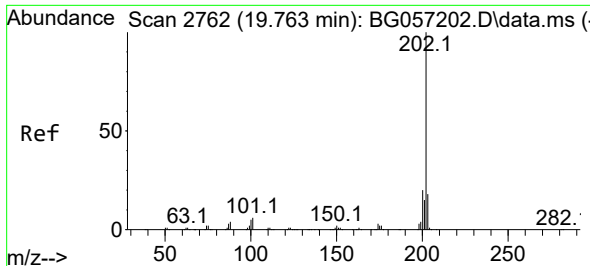


#74
Di-n-butylphthalate
Concen: 47.978 ng
RT: 18.638 min Scan# 2570
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38



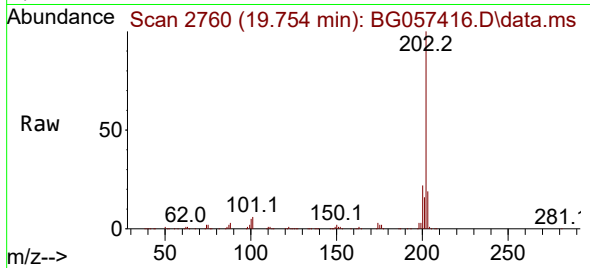
Tgt Ion:149 Resp: 314654
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 5.5 5.4 8.2





#75
Fluoranthene
Concen: 47.467 ng
RT: 19.754 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

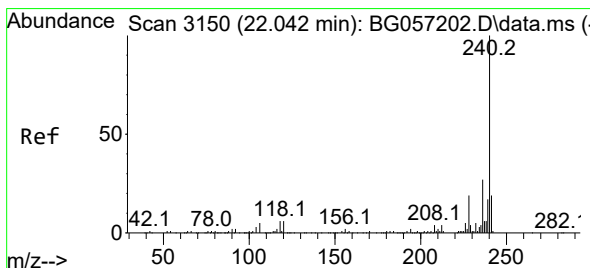
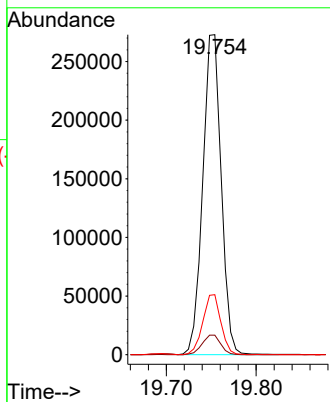
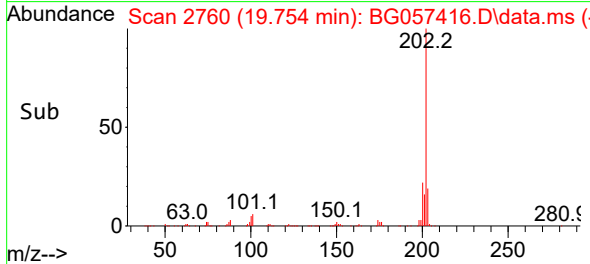
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



Tgt Ion:202 Resp: 38956
Ion Ratio Lower Upper
202 100
101 6.1 0.0 26.2
203 18.7 0.0 37.9

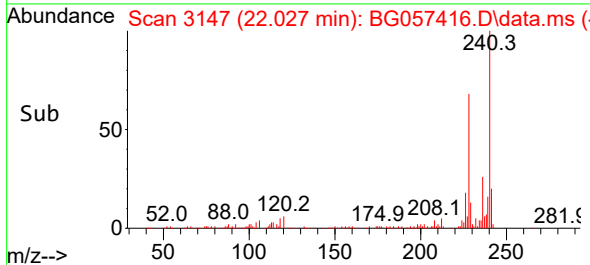
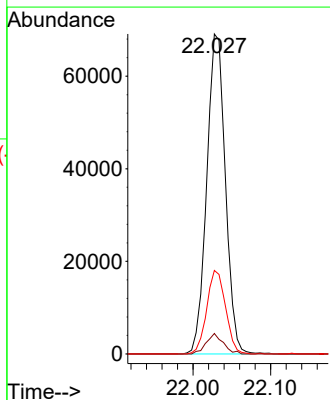
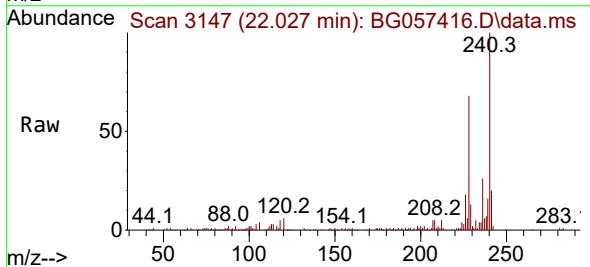
Manual Integrations
APPROVED

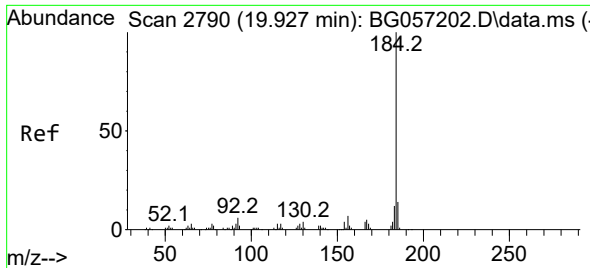
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.027 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

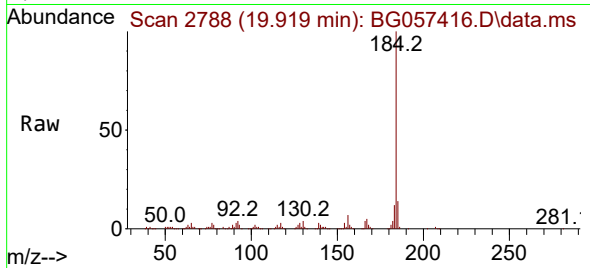
Tgt Ion:240 Resp: 115438
Ion Ratio Lower Upper
240 100
120 6.4 4.9 7.3
236 26.1 21.4 32.2





#77
Benzidine
Concen: 82.165 ng
RT: 19.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

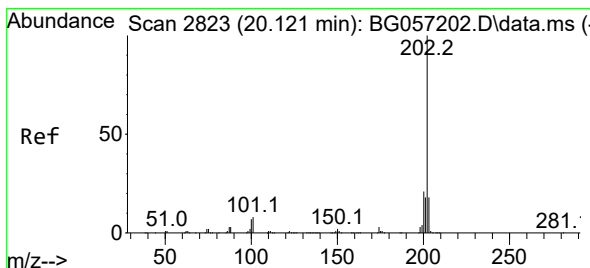
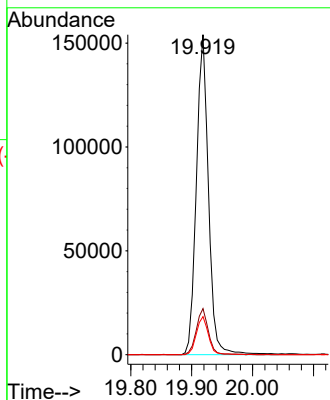
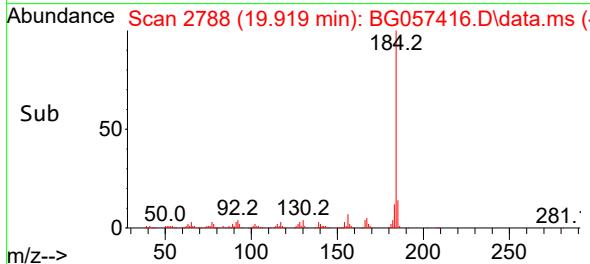
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



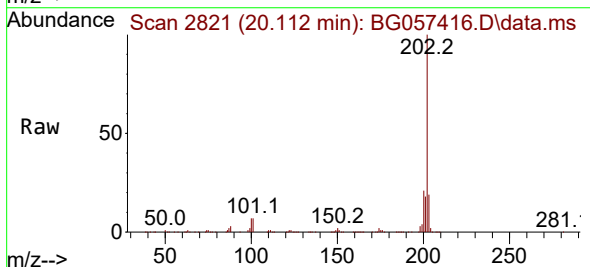
Tgt Ion:184 Resp: 212049
Ion Ratio Lower Upper
184 100
185 14.4 11.1 16.7
183 11.9 9.9 14.9

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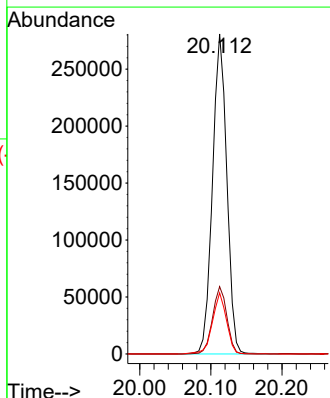
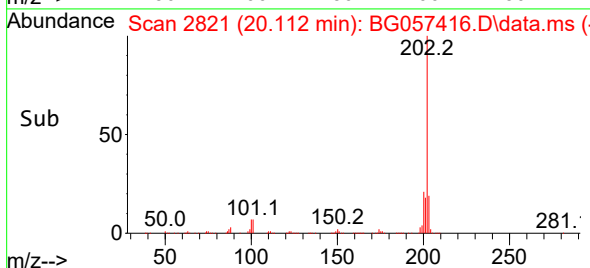
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

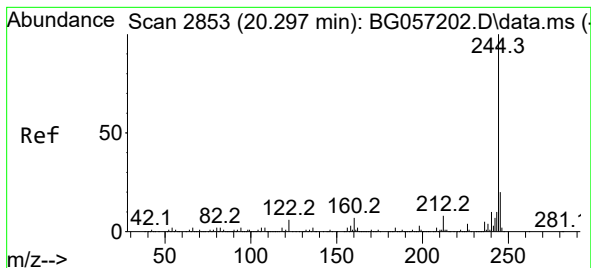


#78
Pyrene
Concen: 46.699 ng
RT: 20.112 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38



Tgt Ion:202 Resp: 391728
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 19.1 14.2 21.4





#79

Terphenyl-d14

Concen: 65.752 ng

RT: 20.289 min Scan# 2853

Delta R.T. 0.000 min

Lab File: BG057416.D

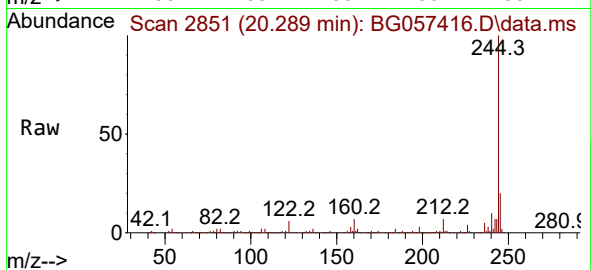
Acq: 12 May 2023 19:38

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MS



Tgt Ion:244 Resp: 46511

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

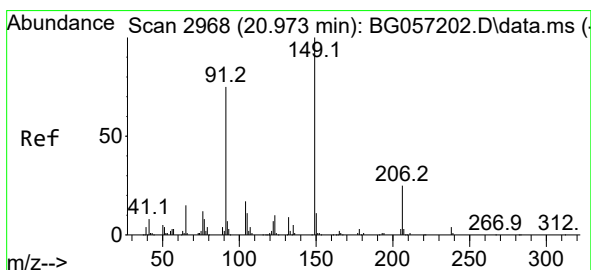
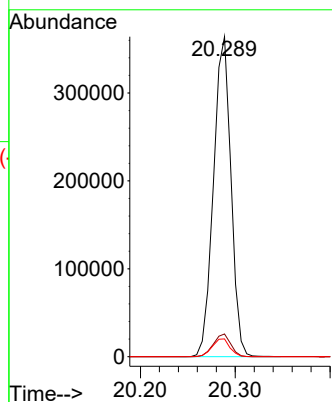
122 5.5 5.1 7.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#80

Butylbenzylphthalate

Concen: 51.902 ng

RT: 20.964 min Scan# 2966

Delta R.T. 0.000 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

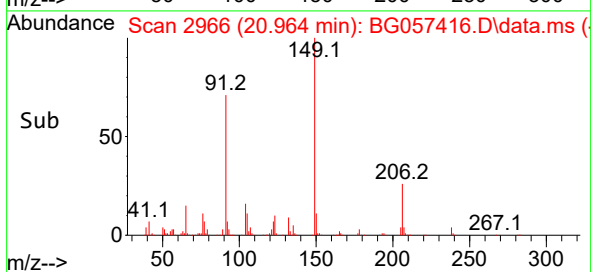
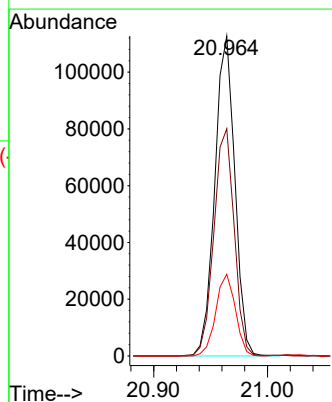
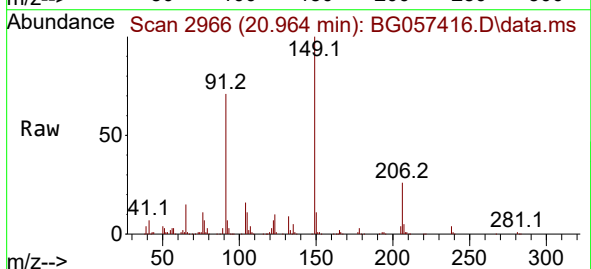
Tgt Ion:149 Resp: 138142

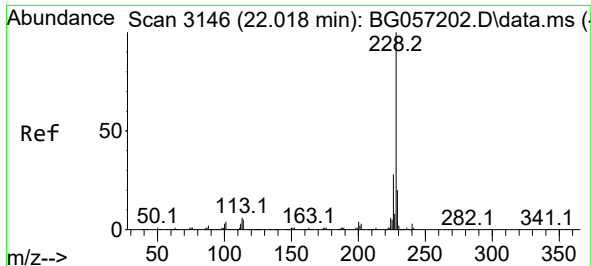
Ion Ratio Lower Upper

149 100

91 71.0 59.7 89.5

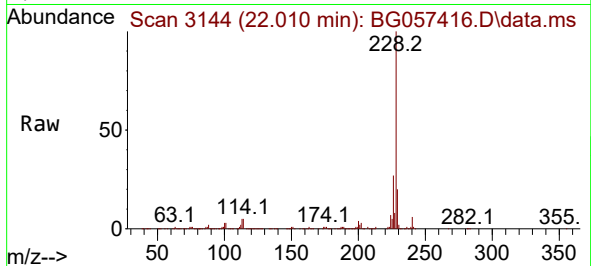
206 25.6 19.7 29.5





#81
Benzo(a)anthracene
Concen: 48.160 ng
RT: 22.010 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

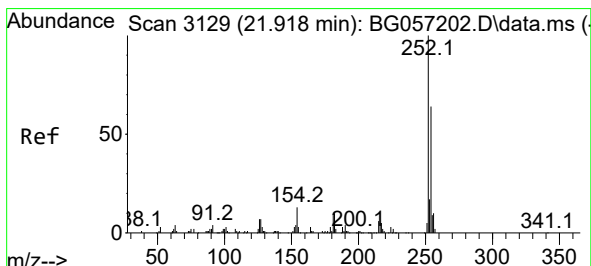
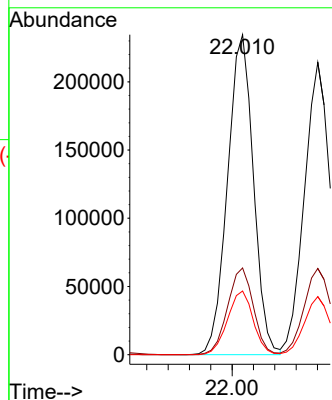
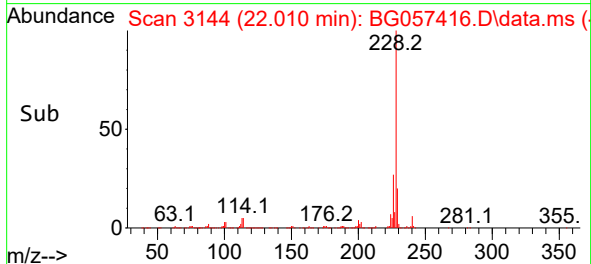
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



Tgt Ion:228 Resp: 396095
Ion Ratio Lower Upper
228 100
226 27.1 22.0 33.0
229 19.9 15.8 23.8

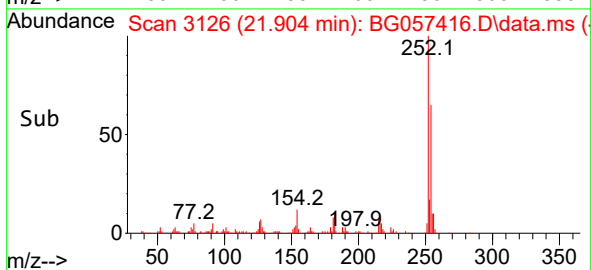
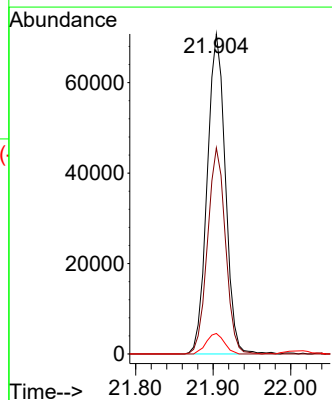
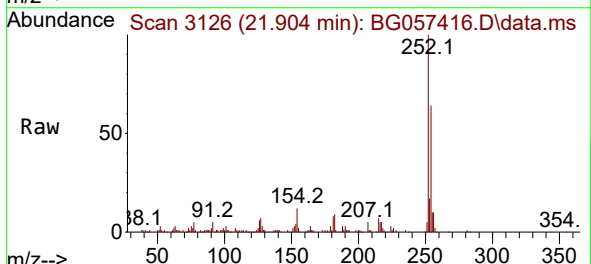
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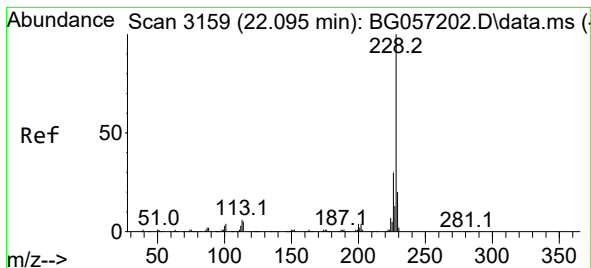
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#82
3,3'-Dichlorobenzidine
Concen: 43.554 ng
RT: 21.904 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:252 Resp: 114736
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.0
126 6.4 5.9 8.9





#83

Chrysene

Concen: 46.826 ng

RT: 22.080 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

Instrument :

BNA_G

ClientSampleId :

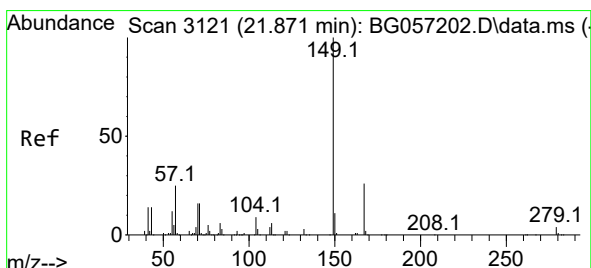
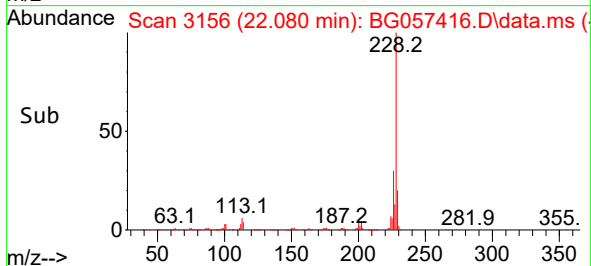
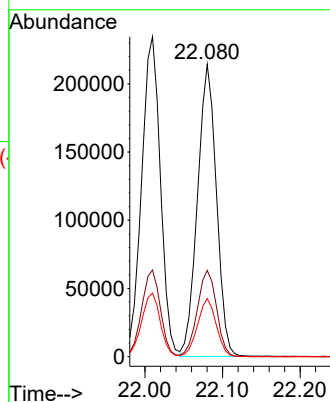
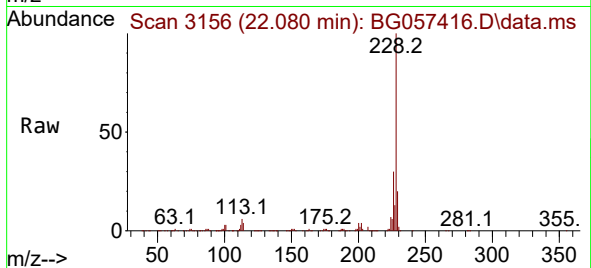
SB-03-10-12-20230510MS

Tgt Ion:228 Resp: 362358
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.3 36.5
 229 19.9 15.9 23.9

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.398 ng

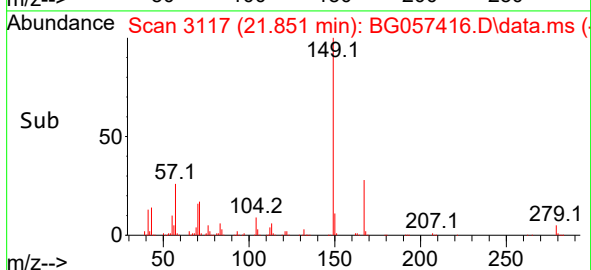
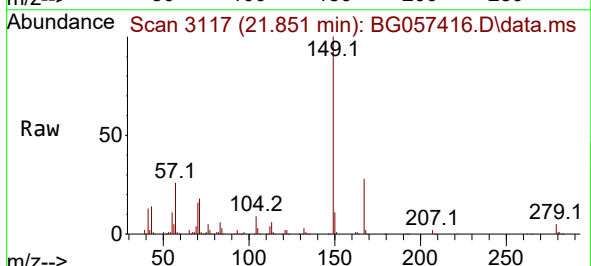
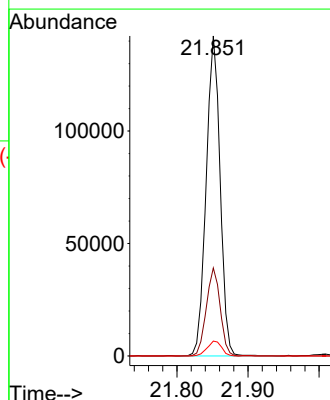
RT: 21.851 min Scan# 3117

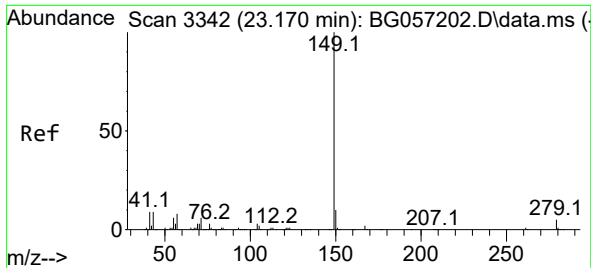
Delta R.T. -0.006 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

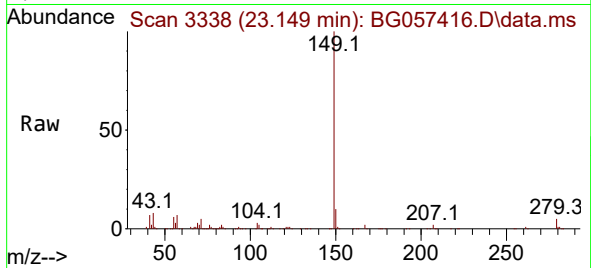
Tgt Ion:149 Resp: 194527
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.2 31.8
 279 4.7 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 50.186 ng
RT: 23.149 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

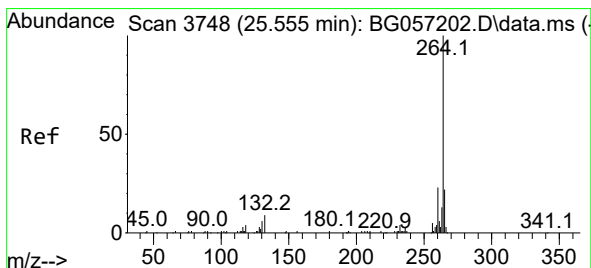
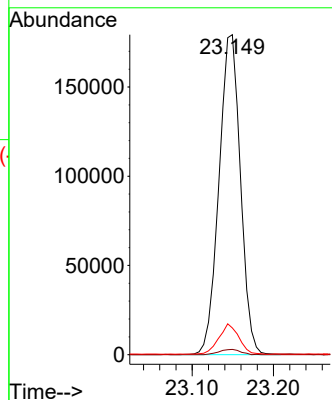
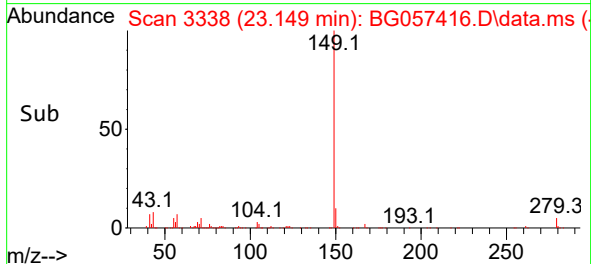
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



Tgt Ion:149 Resp: 329475
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.7 7.8 11.8

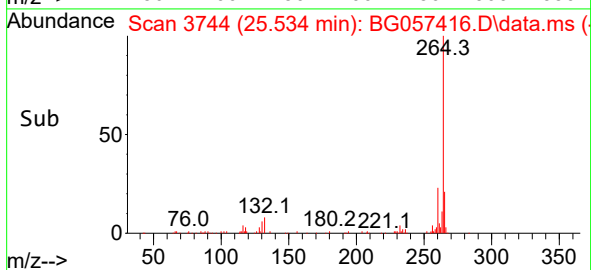
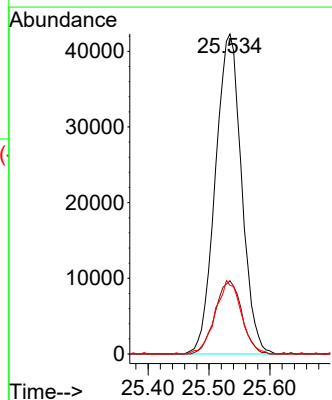
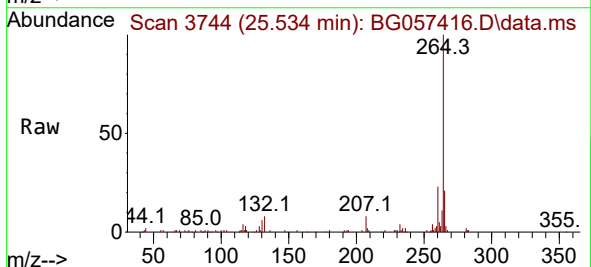
Manual Integrations
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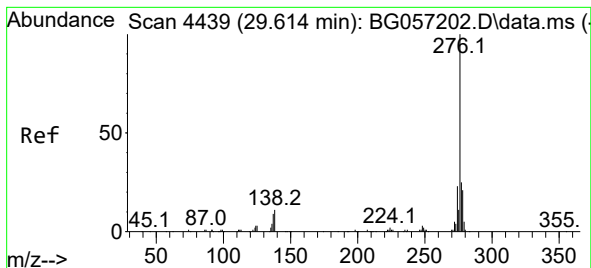
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.534 min Scan# 3744
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:264 Resp: 126085
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: 48.334 ng

RT: 29.594 min Scan# 4435

Delta R.T. -0.006 min

Lab File: BG057416.D

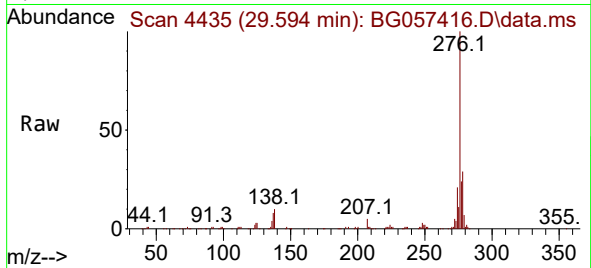
Acq: 12 May 2023 19:38

Instrument :

BNA_G

ClientSampleId :

SB-03-10-12-20230510MS



Tgt Ion:276 Resp: 44415

Ion Ratio Lower Upper

276 100

138 4.9 5.4 8.0

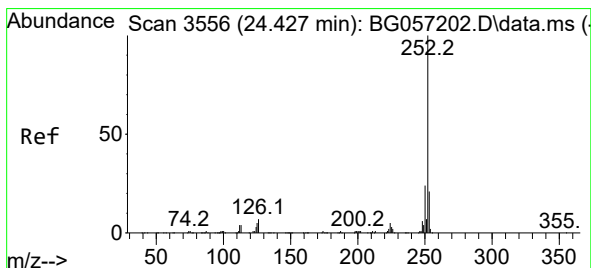
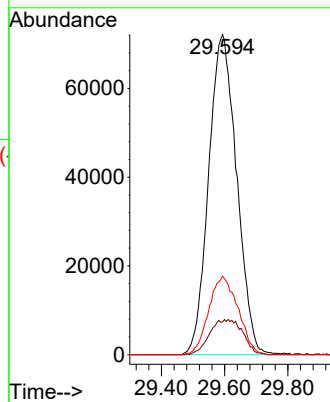
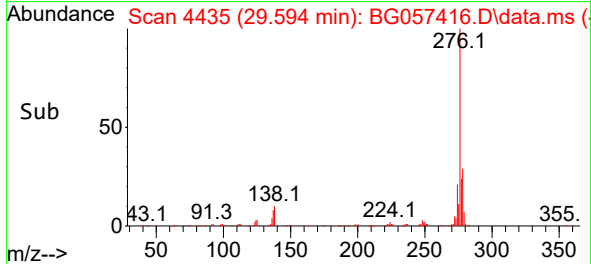
277 25.5 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#88

Benzo(b)fluoranthene

Concen: 48.894 ng

RT: 24.412 min Scan# 3553

Delta R.T. 0.000 min

Lab File: BG057416.D

Acq: 12 May 2023 19:38

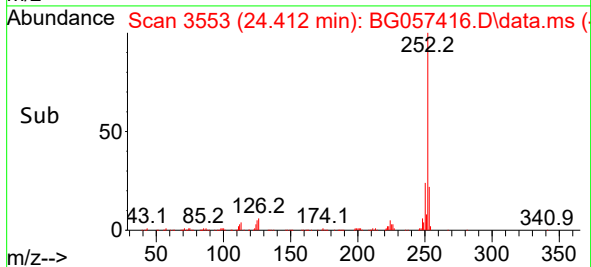
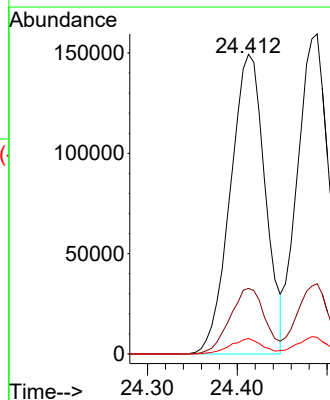
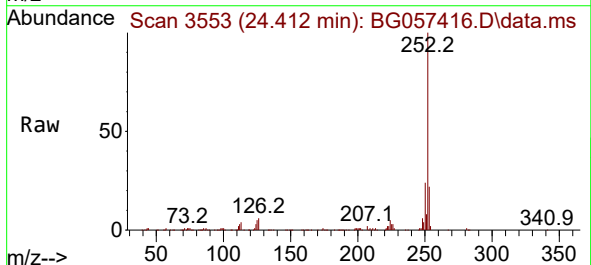
Tgt Ion:252 Resp: 402992

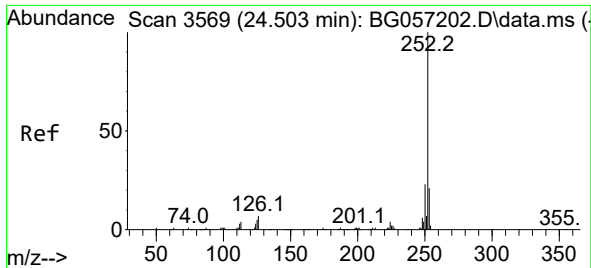
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

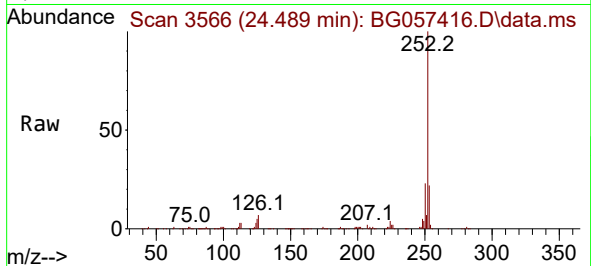
125 5.2 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 46.493 ng
RT: 24.489 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

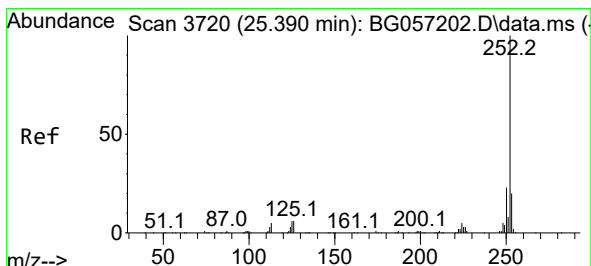
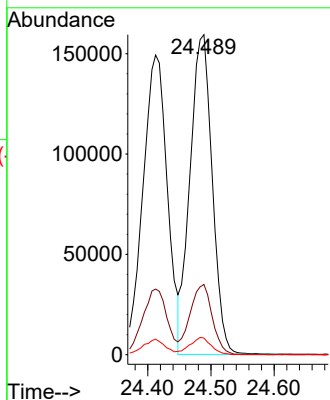
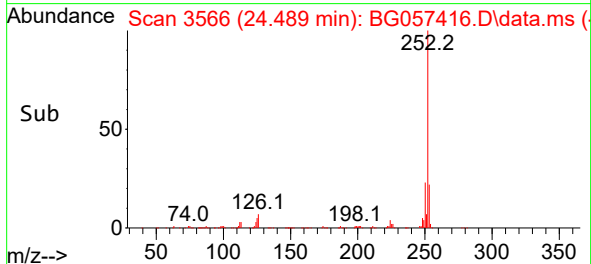
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



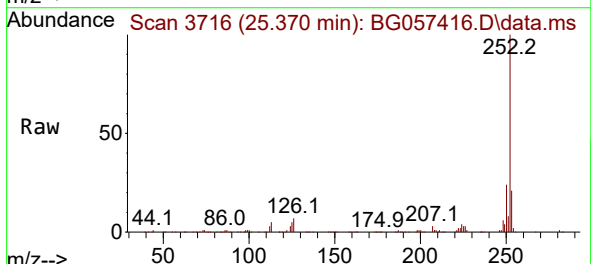
Tgt Ion:252 Resp: 38940
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 5.2 4.1 6.1

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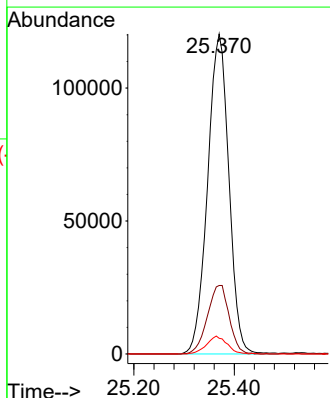
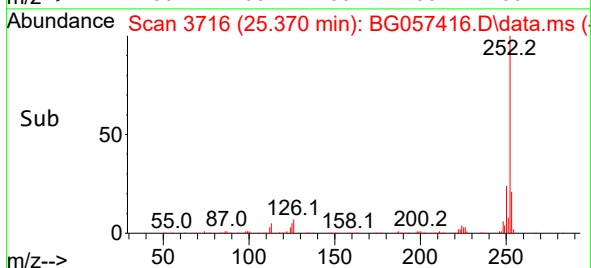
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

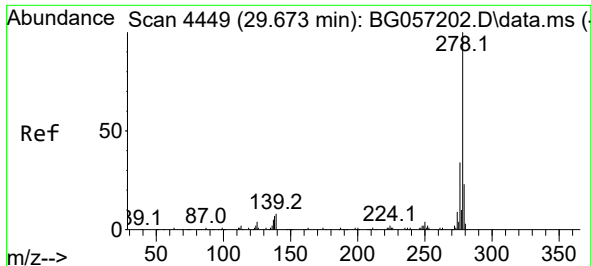


#90
Benzo(a)pyrene
Concen: 43.906 ng
RT: 25.370 min Scan# 3716
Delta R.T. -0.006 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38



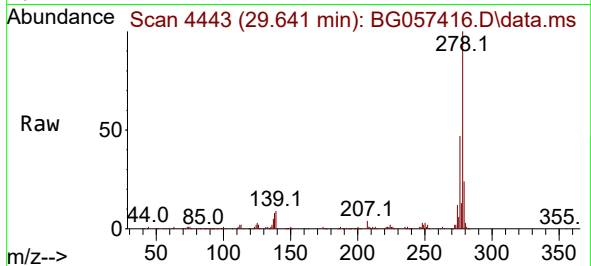
Tgt Ion:252 Resp: 353540
Ion Ratio Lower Upper
252 100
253 21.4 16.3 24.5
125 4.9 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 48.114 ng
RT: 29.641 min Scan# 4449
Delta R.T. -0.012 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

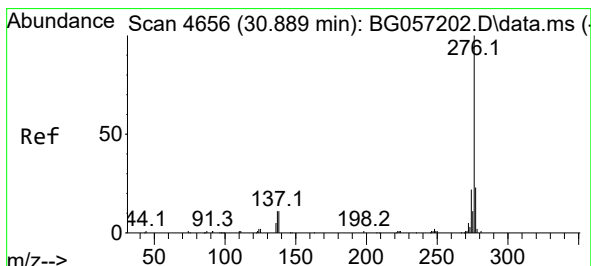
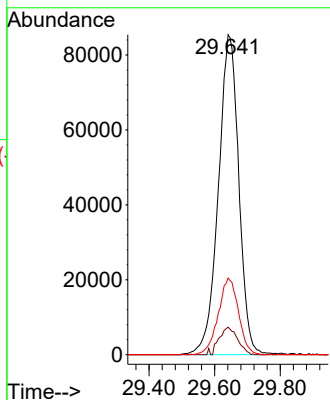
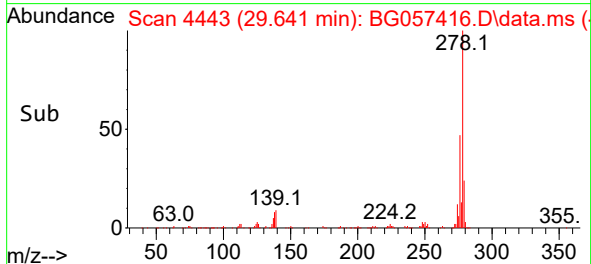
Instrument :
BNA_G
ClientSampleId :
SB-03-10-12-20230510MS



Tgt Ion:278 Resp: 36820
Ion Ratio Lower Upper
278 100
139 8.6 6.2 9.2
279 24.0 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: 47.783 ng
RT: 30.863 min Scan# 4651
Delta R.T. -0.012 min
Lab File: BG057416.D
Acq: 12 May 2023 19:38

Tgt Ion:276 Resp: 357048
Ion Ratio Lower Upper
276 100
277 23.3 18.4 27.6
138 11.1 9.0 13.4

