

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
 Data File : BG057539.D
 Acq On : 24 May 2023 18:11
 Operator : CG/JU
 Sample : 02869-11MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP19MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/25/2023
 Supervised By : Jagrut Upadhyay 05/25/2023

Quant Time: May 25 02:25:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 02:19:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.357	152	19409	20.000	ng	0.00
21) Naphthalene-d8	11.195	136	72994	20.000	ng	0.00
39) Acenaphthene-d10	14.972	164	51250	20.000	ng	0.00
64) Phenanthrene-d10	17.715	188	133079	20.000	ng	0.00
76) Chrysene-d12	22.021	240	129365	20.000	ng	-0.01
86) Perylene-d12	25.522	264	139345	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.878	112	122738	108.175	ng	0.00
7) Phenol-d6	7.506	99	177292	102.899	ng	0.00
23) Nitrobenzene-d5	9.538	82	107196	61.637	ng	0.00
42) 2,4,6-Tribromophenol	16.458	330	86324	118.710	ng	0.00
45) 2-Fluorobiphenyl	13.597	172	253184	66.534	ng	0.00
79) Terphenyl-d14	20.276	244	534844	67.470	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.670	88	19278	41.092	ng	98
3) Pyridine	4.098	79	55135	36.570	ng	99
4) n-Nitrosodimethylamine	4.004	42	28317	39.967	ng	89
6) Aniline	7.670	93	83434	38.172	ng	93
8) 2-Chlorophenol	7.917	128	60868	50.769	ng	99
9) Benzaldehyde	7.482	77	43591	49.335	ng	98
10) Phenol	7.529	94	79929	47.589	ng	96
11) bis(2-Chloroethyl)ether	7.758	93	56546	44.647	ng	98
12) 1,3-Dichlorobenzene	8.246	146	67121	50.725	ng	94
13) 1,4-Dichlorobenzene	8.393	146	67717	50.947	ng	98
14) 1,2-Dichlorobenzene	8.716	146	66269	51.646	ng	95
15) Benzyl Alcohol	8.592	79	64327	44.816	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.880	45	68148	42.691	ng	98
17) 2-Methylphenol	8.798	107	54445	44.969	ng	94
18) Hexachloroethane	9.450	117	24484	51.044	ng	92
19) n-Nitroso-di-n-propyla...	9.156	70	49502	37.679	ng	98
20) 3+4-Methylphenols	9.127	107	73955	44.609	ng	96
22) Acetophenone	9.186	105	96370	46.128	ng	# 95
24) Nitrobenzene	9.579	77	76399	43.523	ng	95
25) Isophorone	10.096	82	134714	39.946	ng	99
26) 2-Nitrophenol	10.296	139	34112	50.769	ng	93
27) 2,4-Dimethylphenol	10.343	122	59336	50.433	ng	99
28) bis(2-Chloroethoxy)met...	10.572	93	74648	44.184	ng	98
29) 2,4-Dichlorophenol	10.842	162	62829	50.349	ng	95
30) 1,2,4-Trichlorobenzene	11.054	180	69412	48.226	ng	98
31) Naphthalene	11.248	128	183922	47.131	ng	99
32) Benzoic acid	10.496	122	36551	53.297	ng	92
33) 4-Chloroaniline	11.347	127	64600	36.862	ng	97
34) Hexachlorobutadiene	11.512	225	49338	46.198	ng	95
35) Caprolactam	12.123	113	22154m	51.973	ng	
36) 4-Chloro-3-methylphenol	12.452	107	68049	47.986	ng	98
37) 2-Methylnaphthalene	12.822	142	133351	43.462	ng	98
38) 1-Methylnaphthalene	13.039	142	125908	43.538	ng	99
40) 1,2,4,5-Tetrachloroben...	13.186	216	89666	49.283	ng	99
41) Hexachlorocyclopentadiene	13.157	237	73834	84.078	ng	98
43) 2,4,6-Trichlorophenol	13.421	196	58863	53.104	ng	98

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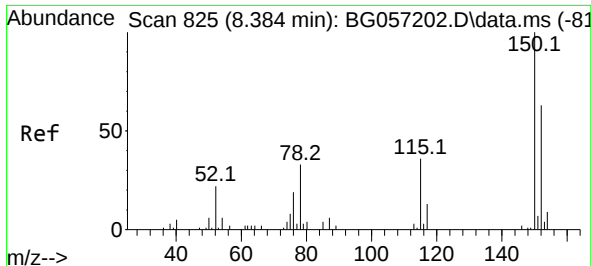
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.503	196	61923	47.492	ng	98
46) 1,1'-Biphenyl	13.809	154	187877	49.403	ng	99
47) 2-Chloronaphthalene	13.862	162	143229	50.647	ng	98
48) 2-Nitroaniline	14.061	65	46611	48.474	ng	91
49) Acenaphthylene	14.702	152	220578	48.011	ng	99
50) Dimethylphthalate	14.408	163	187633	44.553	ng	100
51) 2,6-Dinitrotoluene	14.543	165	42208	49.086	ng	# 85
52) Acenaphthene	15.037	154	136433	47.523	ng	99
53) 3-Nitroaniline	14.878	138	35267	40.939	ng	90
54) 2,4-Dinitrophenol	15.095	184	58452	107.937	ng	96
55) Dibenzofuran	15.366	168	228117	47.291	ng	100
56) 4-Nitrophenol	15.189	139	66361	115.825	ng	90
57) 2,4-Dinitrotoluene	15.330	165	63162	51.397	ng	90
58) Fluorene	16.012	166	189052	47.581	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.595	232	63071m	53.355	ng	
60) Diethylphthalate	15.753	149	196283	45.893	ng	98
61) 4-Chlorophenyl-phenyle...	15.988	204	107761	45.021	ng	95
62) 4-Nitroaniline	16.041	138	46287	53.262	ng	87
63) Azobenzene	16.282	77	195195	47.301	ng	96
65) 4,6-Dinitro-2-methylph...	16.100	198	45098	56.760	ng	95
66) n-Nitrosodiphenylamine	16.206	169	167535	46.352	ng	100
67) 4-Bromophenyl-phenylether	16.887	248	72369	44.547	ng	99
68) Hexachlorobenzene	17.022	284	78896	49.975	ng	94
69) Atrazine	17.140	200	82828	60.073	ng	97
70) Pentachlorophenol	17.369	266	86993	95.614	ng	97
71) Phenanthrene	17.756	178	330343	48.443	ng	99
72) Anthracene	17.845	178	337360	48.214	ng	98
73) Carbazole	18.115	167	309045	52.464	ng	97
74) Di-n-butylphthalate	18.626	149	359701	53.073	ng	98
75) Fluoranthene	19.742	202	425765	50.200	ng	99
77) Benzidine	19.912	184	223506	77.280	ng	99
78) Pyrene	20.106	202	434174	46.187	ng	99
80) Butylbenzylphthalate	20.952	149	160978	53.971	ng	97
81) Benzo(a)anthracene	21.998	228	433498	47.033	ng	99
82) 3,3'-Dichlorobenzidine	21.898	252	128898	43.662	ng	99
83) Chrysene	22.074	228	397584	45.847	ng	99
84) Bis(2-ethylhexyl)phtha...	21.839	149	225832	51.173	ng	99
85) Di-n-octyl phthalate	23.131	149	383980	52.191	ng	97
87) Indeno(1,2,3-cd)pyrene	29.582	276	484150	47.673	ng	# 95
88) Benzo(b)fluoranthene	24.406	252	440163	48.322	ng	100
89) Benzo(k)fluoranthene	24.477	252	418964	45.263	ng	98
90) Benzo(a)pyrene	25.364	252	385705	43.342	ng	98
91) Dibenzo(a,h)anthracene	29.634	278	405172	47.906	ng	# 98
92) Benzo(g,h,i)perylene	30.856	276	389942	47.219	ng	98

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



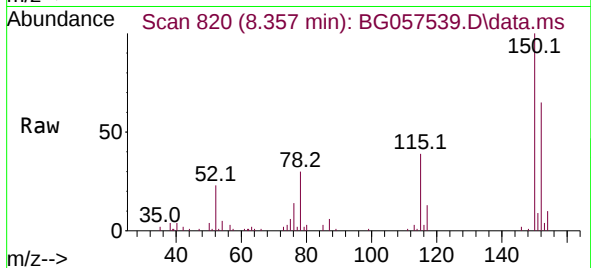
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.357 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Instrument :

BNA_G

ClientSampleId :

TP19MS

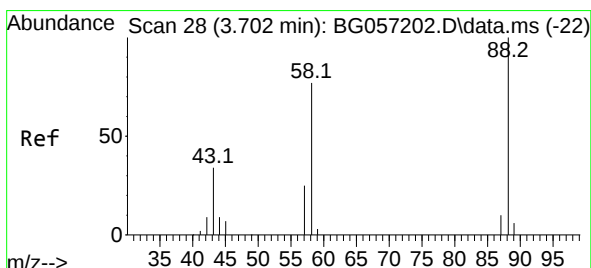
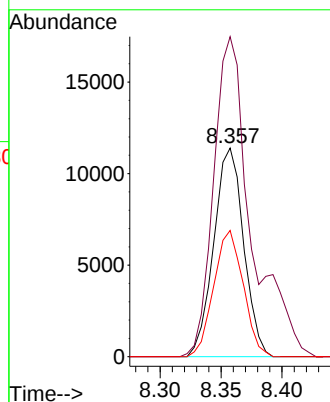
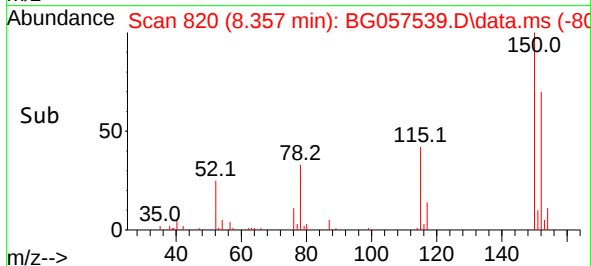


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Ion Ratio Lower Upper
152 100
150 153.4 126.2 189.4
115 60.5 45.0 67.4

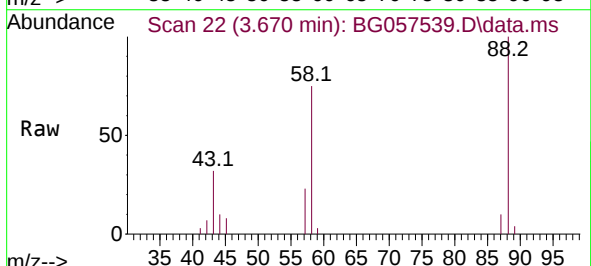
Manual Integrations

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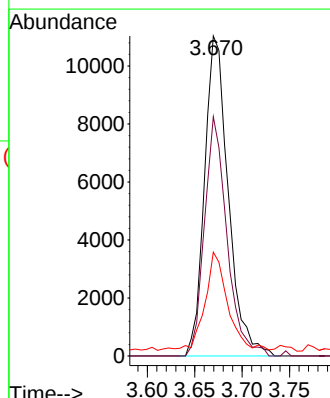
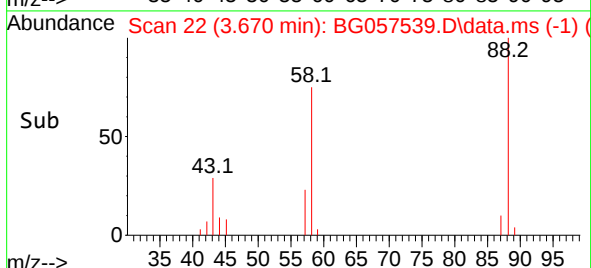
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#2
1,4-Dioxane
Concen: 41.092 ng
RT: 3.670 min Scan# 22
Delta R.T. -0.002 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11



Tgt Ion: 88 Resp: 19278
Ion Ratio Lower Upper
88 100
58 70.5 57.1 85.7
43 28.5 24.4 36.6





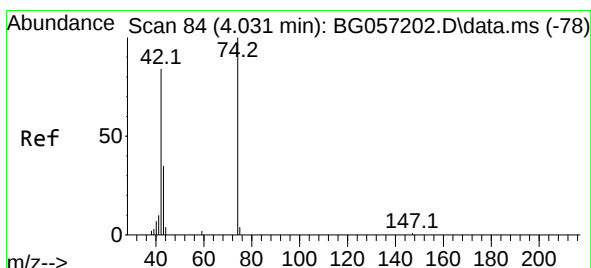
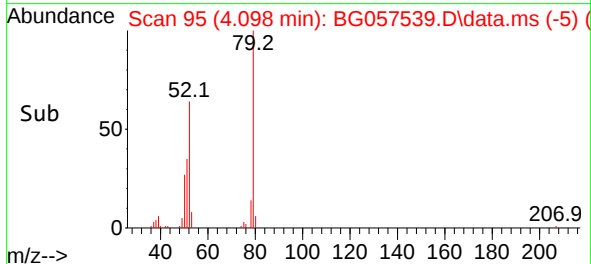
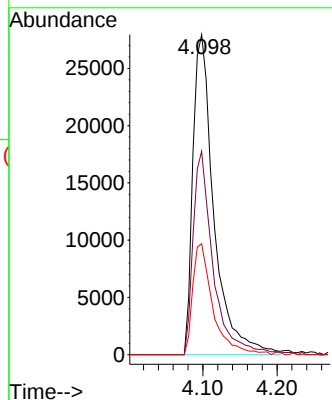
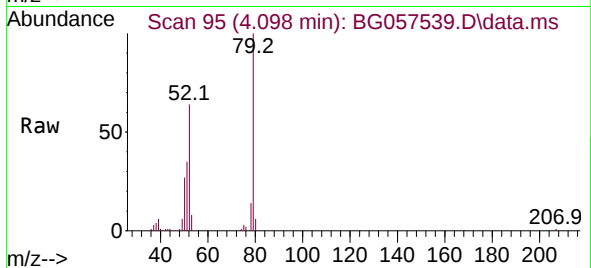
#3
Pyridine
Concen: 36.570 ng
RT: 4.098 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Instrument :
BNA_G
ClientSampleId :
TP19MS

Tgt Ion: 79 Resp: 5513
Ion Ratio Lower Upper
79 100
52 63.6 51.4 77.0
51 34.6 28.0 42.0

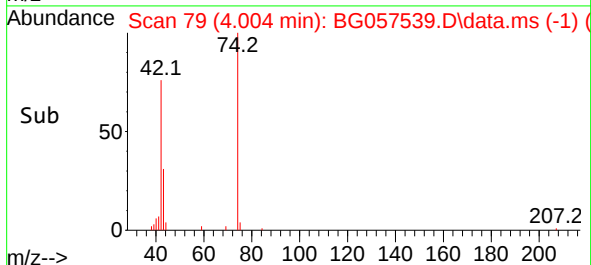
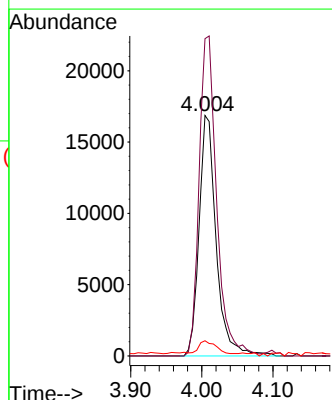
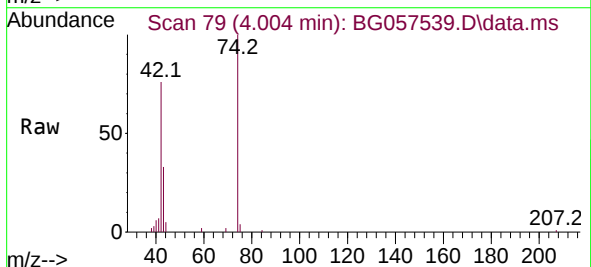
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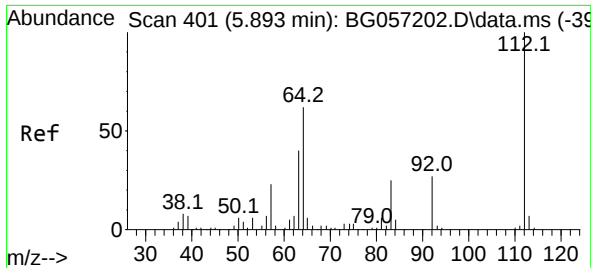
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#4
n-Nitrosodimethylamine
Concen: 39.967 ng
RT: 4.004 min Scan# 79
Delta R.T. -0.002 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Tgt Ion: 42 Resp: 28317
Ion Ratio Lower Upper
42 100
74 131.9 95.1 142.7
44 6.3 5.8 8.8





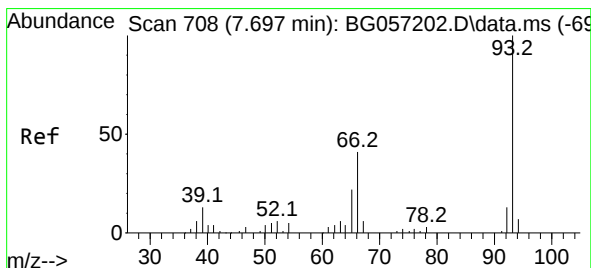
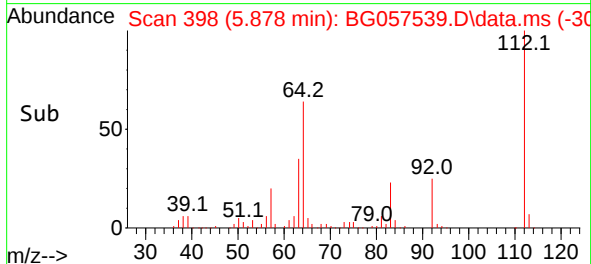
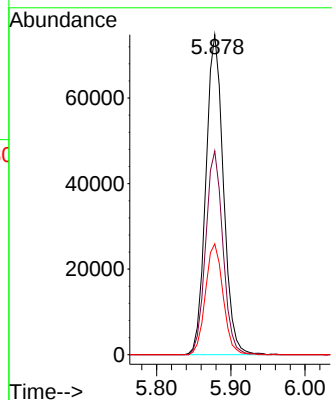
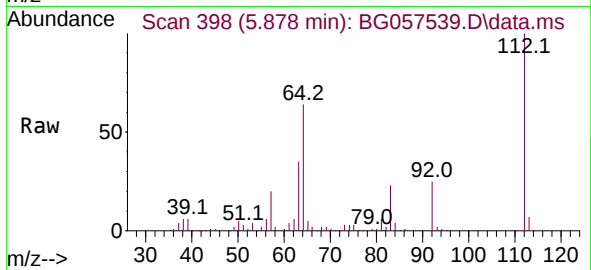
#5
2-Fluorophenol
Concen: 108.175 ng
RT: 5.878 min Scan# 398
Delta R.T. 0.003 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Instrument :
BNA_G
ClientSampleId :
TP19MS

Tgt Ion:112 Resp: 122738
Ion Ratio Lower Upper
112 100
64 63.6 49.4 74.2
63 34.7 31.6 47.4

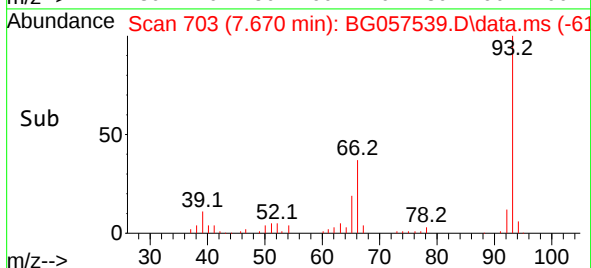
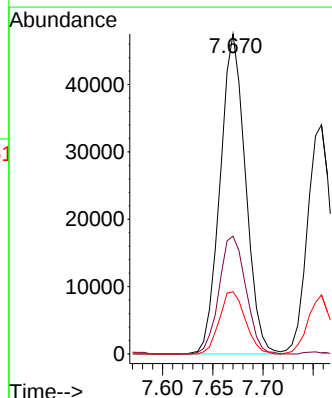
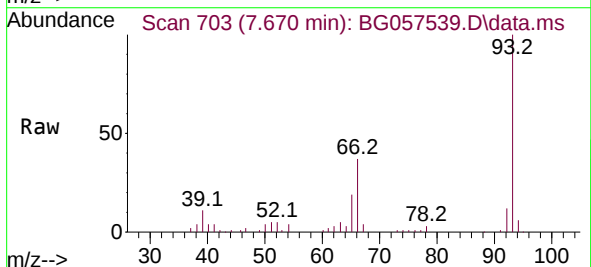
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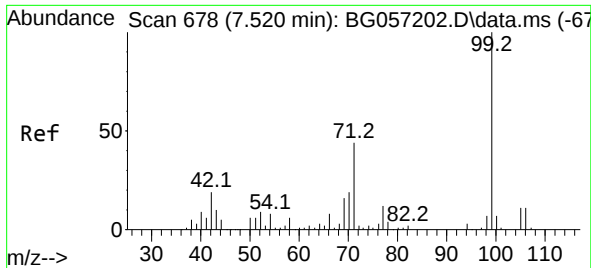
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#6
Aniline
Concen: 38.172 ng
RT: 7.670 min Scan# 703
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Tgt Ion: 93 Resp: 83434
Ion Ratio Lower Upper
93 100
66 36.8 33.0 49.6
65 19.4 18.0 27.0





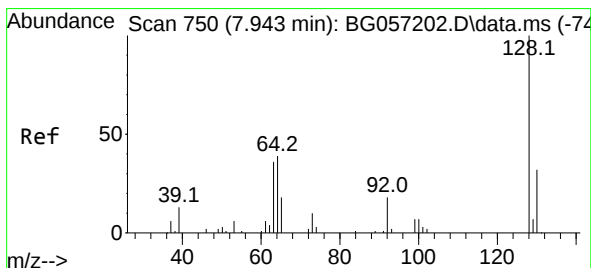
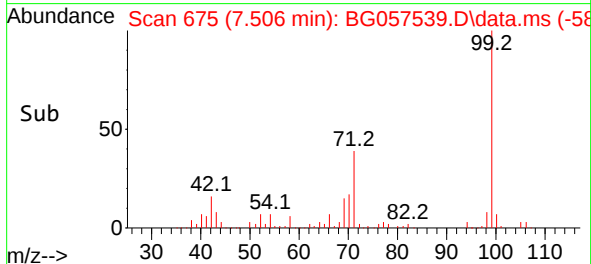
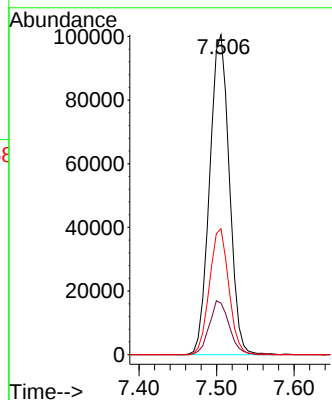
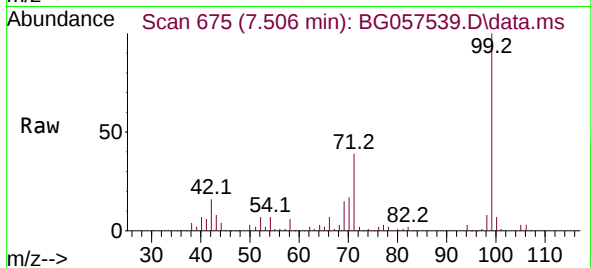
#7
Phenol-d6
Concen: 102.899 ng
RT: 7.506 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Instrument :
BNA_G
ClientSampleId :
TP19MS

Tgt Ion: 99 Resp: 177292
Ion Ratio Lower Upper
99 100
42 16.1 15.1 22.7
71 39.4 35.2 52.8

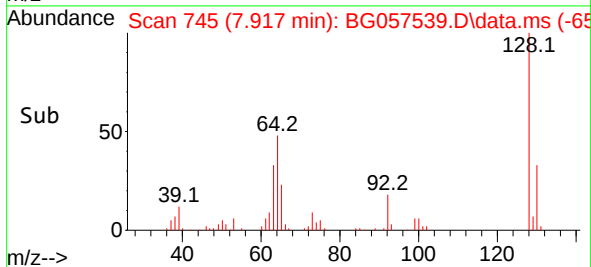
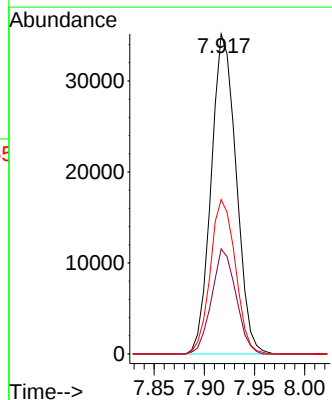
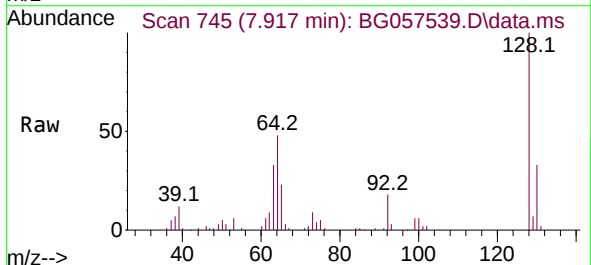
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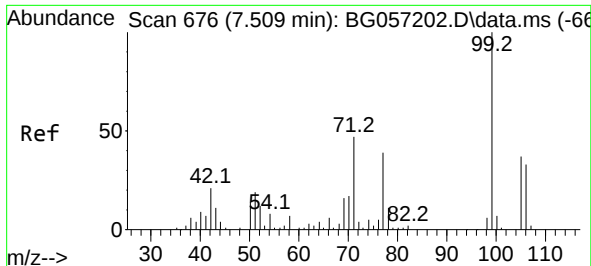
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#8
2-Chlorophenol
Concen: 50.769 ng
RT: 7.917 min Scan# 745
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

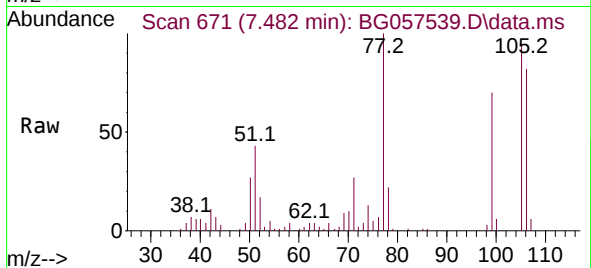
Tgt Ion:128 Resp: 60868
Ion Ratio Lower Upper
128 100
130 32.9 12.2 52.2
64 48.2 28.4 68.4





#9
Benzaldehyde
Concen: 49.335 ng
RT: 7.482 min Scan# 611
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

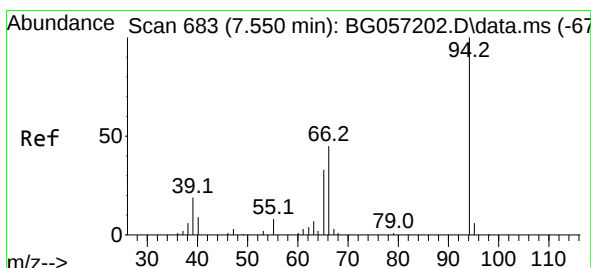
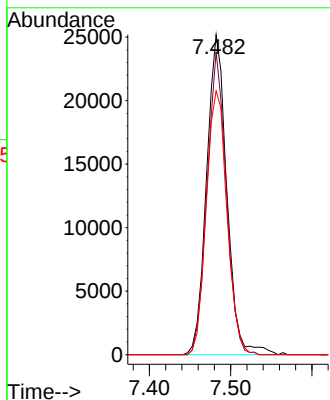
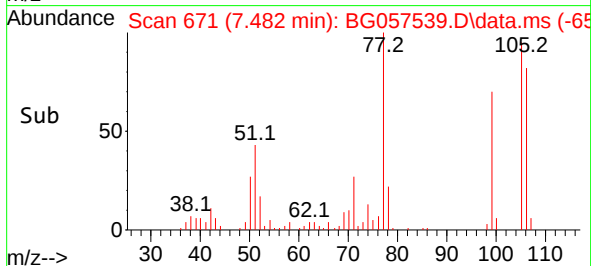
Instrument :
BNA_G
ClientSampleId :
TP19MS



Tgt Ion: 77 Resp: 4359
Ion Ratio Lower Upper
77 100
105 94.7 74.6 114.6
106 82.4 66.3 106.3

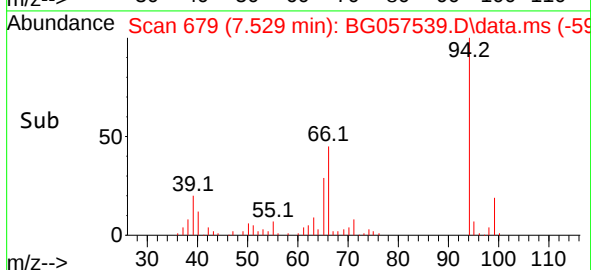
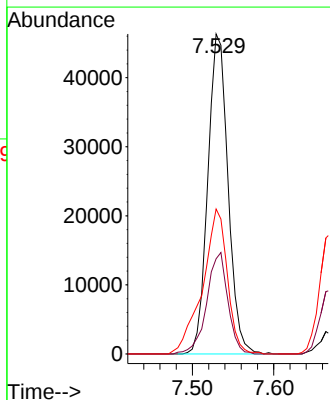
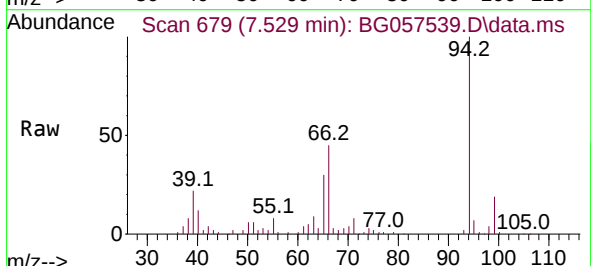
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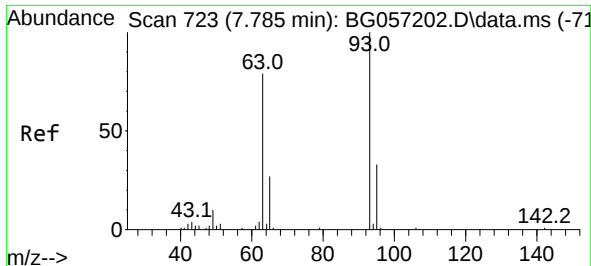
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#10
Phenol
Concen: 47.589 ng
RT: 7.529 min Scan# 679
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Tgt Ion: 94 Resp: 79929
Ion Ratio Lower Upper
94 100
65 29.8 13.5 53.5
66 45.3 26.7 66.7





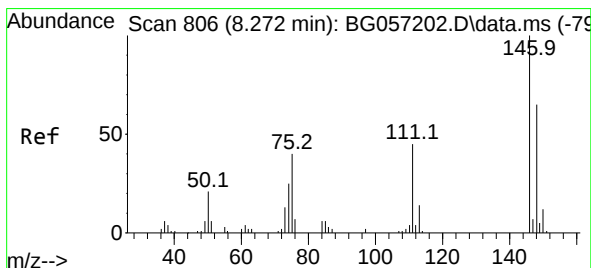
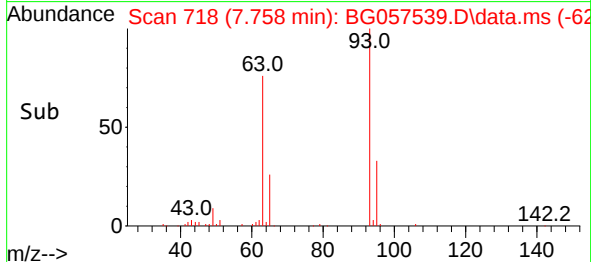
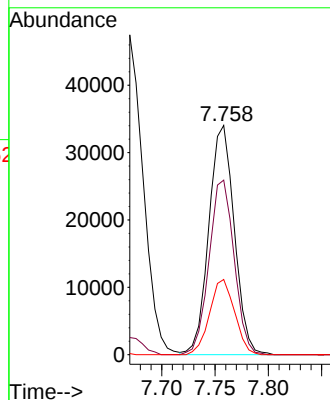
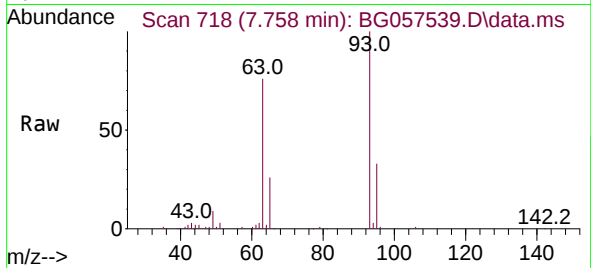
#11
bis(2-Chloroethyl)ether
Concen: 44.647 ng
RT: 7.758 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Instrument :
BNA_G
ClientSampleId :
TP19MS

Tgt Ion: 93 Resp: 56540
Ion Ratio Lower Upper
93 100
63 76.1 58.6 98.6
95 32.8 12.2 52.2

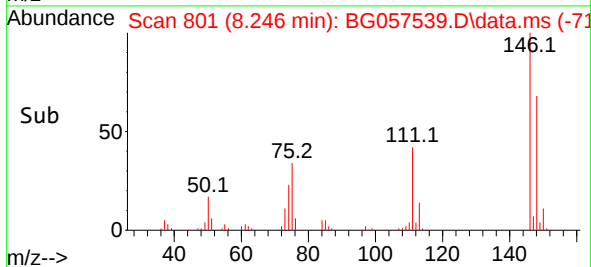
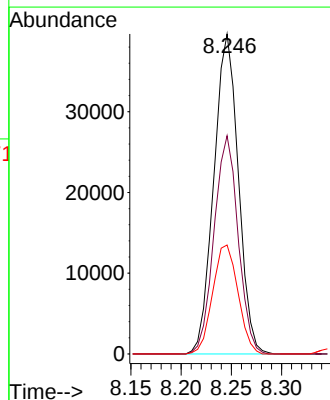
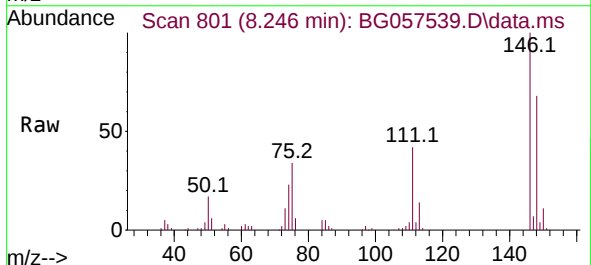
Manual Integrations
APPROVED

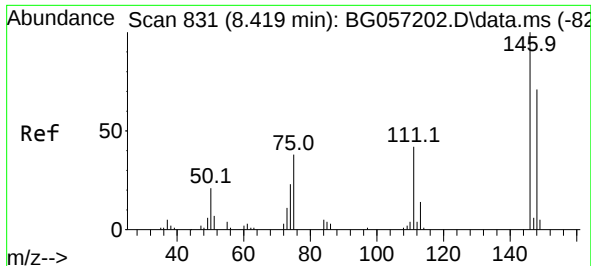
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#12
1,3-Dichlorobenzene
Concen: 50.725 ng
RT: 8.246 min Scan# 801
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Tgt Ion:146 Resp: 67121
Ion Ratio Lower Upper
146 100
148 68.2 52.2 78.2
75 34.1 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 50.947 ng

RT: 8.393 min Scan# 81

Delta R.T. -0.008 min

Lab File: BG057539.D

Acq: 24 May 2023 18:11

Instrument :

BNA_G

ClientSampleId :

TP19MS

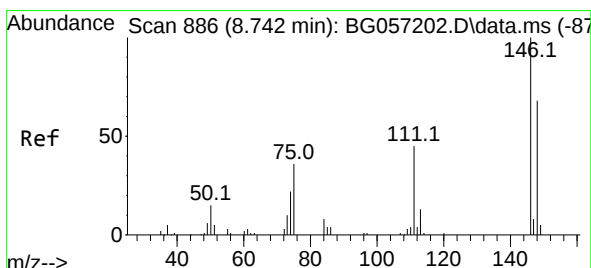
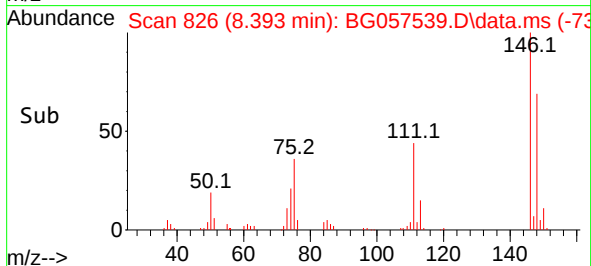
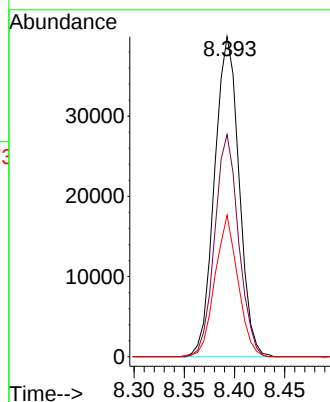
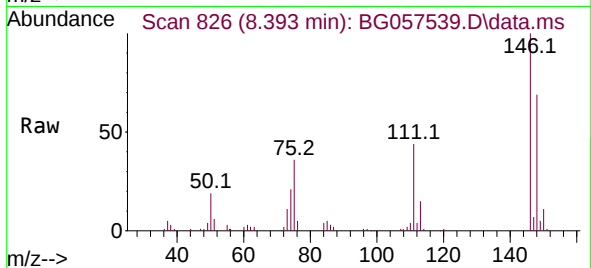
Tgt Ion:146 Resp: 6771

Ion	Ratio	Lower	Upper
146	100		
148	69.4	56.4	84.6
111	44.2	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#14

1,2-Dichlorobenzene

Concen: 51.646 ng

RT: 8.716 min Scan# 881

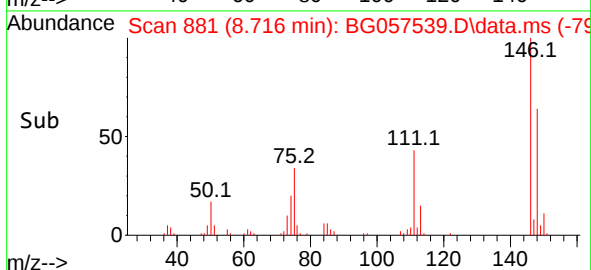
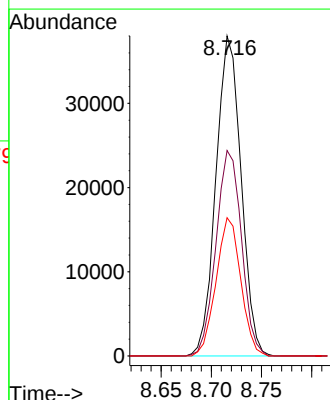
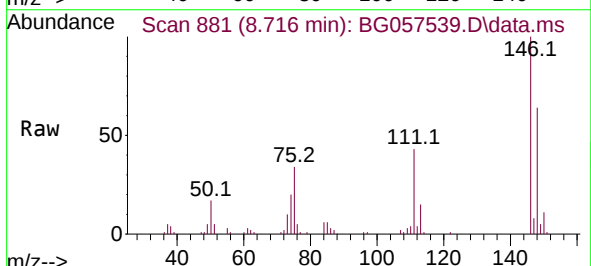
Delta R.T. -0.008 min

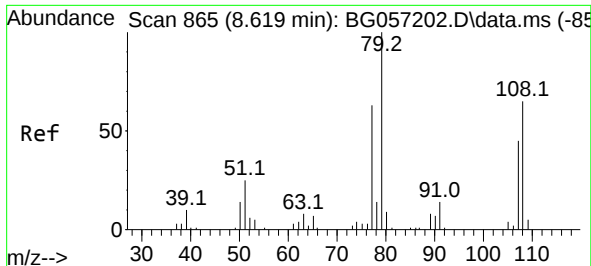
Lab File: BG057539.D

Acq: 24 May 2023 18:11

Tgt Ion:146 Resp: 66269

Ion	Ratio	Lower	Upper
146	100		
148	64.2	54.6	82.0
111	43.2	37.2	55.8





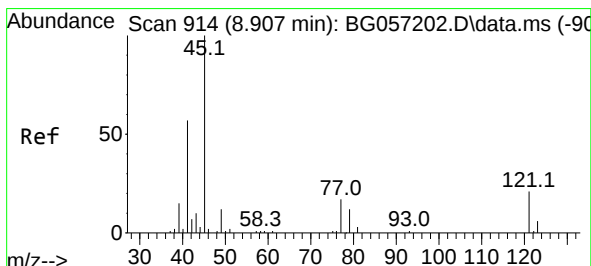
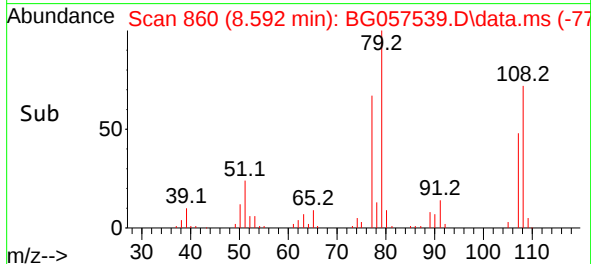
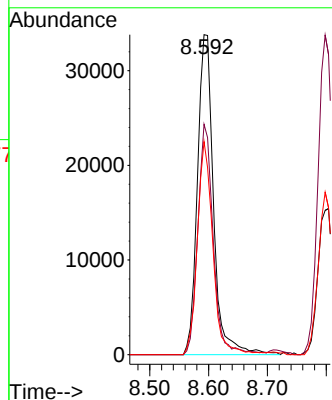
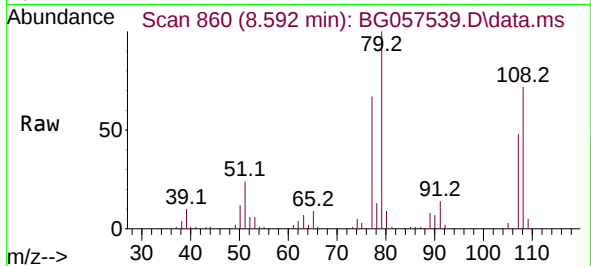
#15
Benzyl Alcohol
Concen: 44.816 ng
RT: 8.592 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Instrument :
BNA_G
ClientSampleId :
TP19MS

Tgt Ion: 79 Resp: 6432
Ion Ratio Lower Upper
79 100
108 72.0 52.2 78.2
77 66.6 50.1 75.1

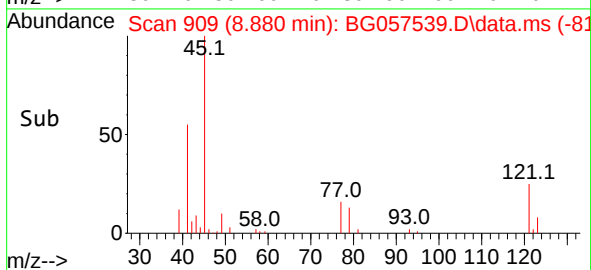
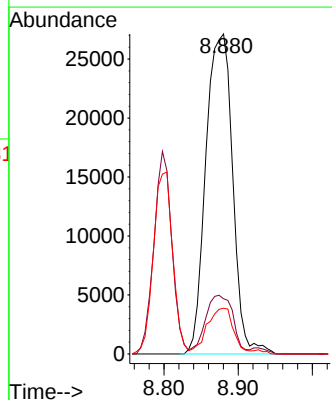
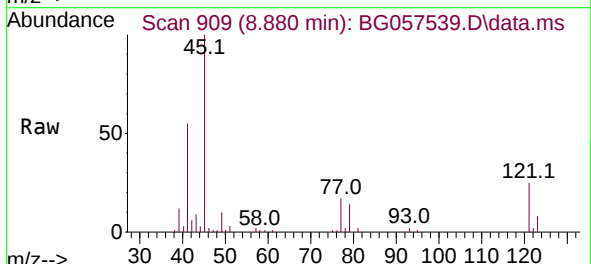
Manual Integrations
APPROVED

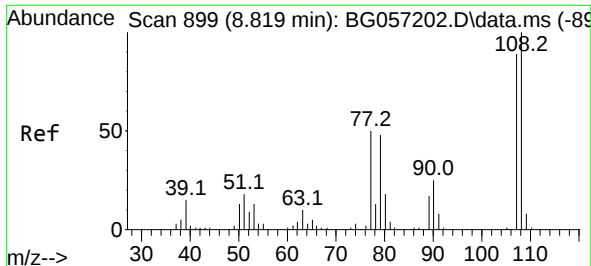
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.691 ng
RT: 8.880 min Scan# 909
Delta R.T. -0.003 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Tgt Ion: 45 Resp: 68148
Ion Ratio Lower Upper
45 100
77 17.3 0.0 38.5
79 14.3 0.0 33.8





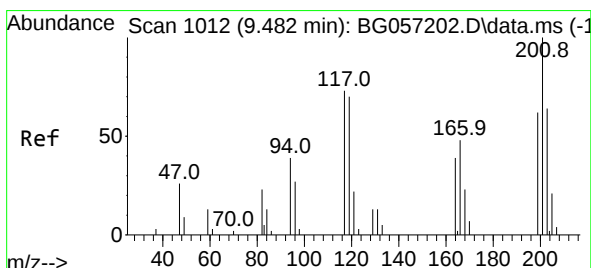
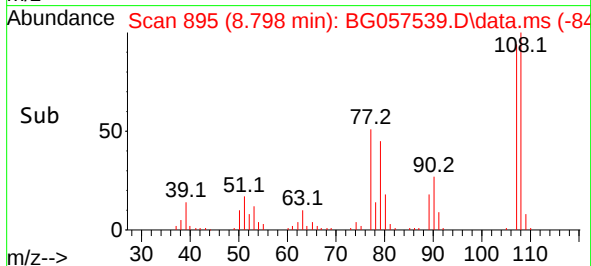
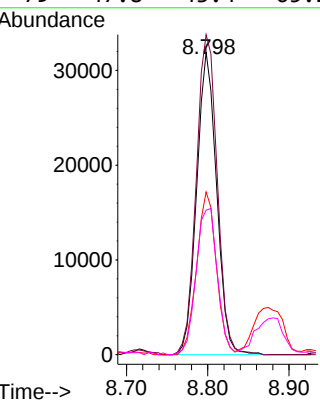
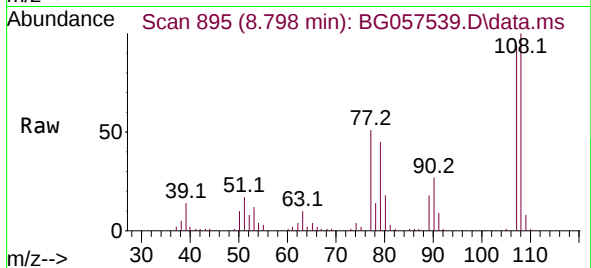
#17
2-Methylphenol
Concen: 44.969 ng
RT: 8.798 min Scan# 899
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Instrument :
BNA_G
ClientSampleId :
TP19MS

Tgt Ion:	107	Resp:	5444
Ion Ratio	Lower	Upper	
107	100		
108	105.8	89.5	134.3
77	53.8	45.1	67.7
79	47.8	43.4	65.2

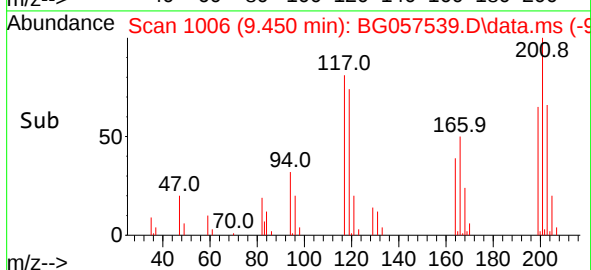
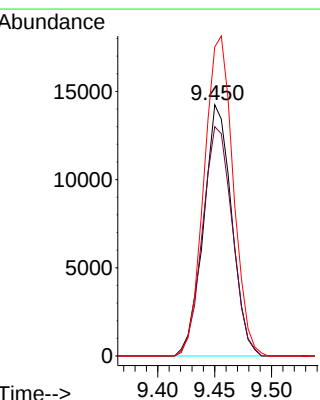
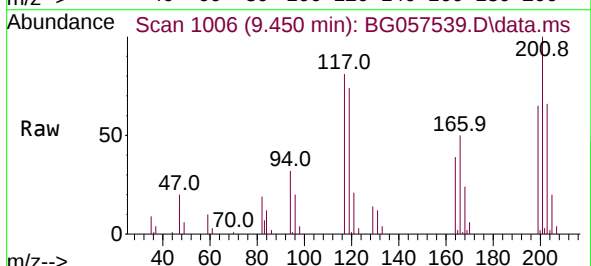
Manual Integrations
APPROVED

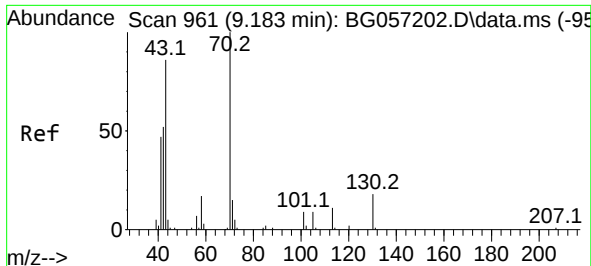
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#18
Hexachloroethane
Concen: 51.044 ng
RT: 9.450 min Scan# 1006
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

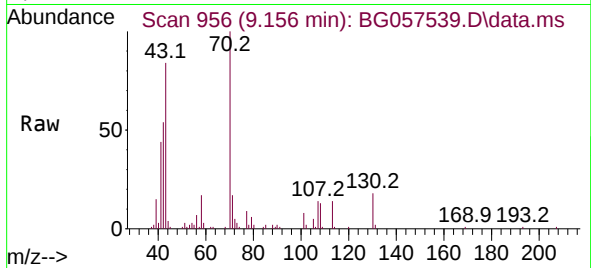
Tgt Ion:	117	Resp:	24484
Ion Ratio	Lower	Upper	
117	100		
119	91.3	76.7	115.1
201	123.0	109.0	163.4





#19
n-Nitroso-di-n-propylamine
Concen: 37.679 ng
RT: 9.156 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

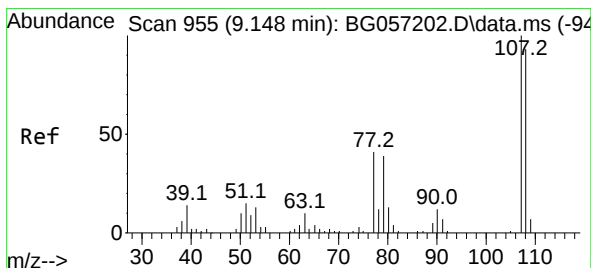
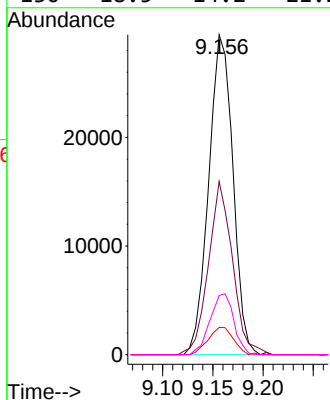
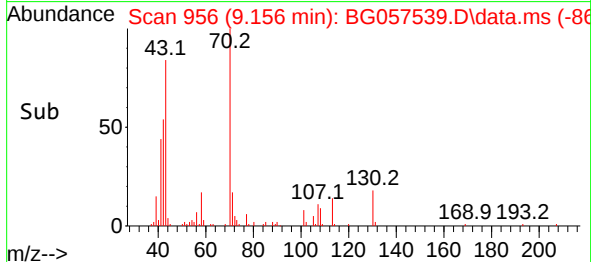
Instrument :
BNA_G
ClientSampleId :
TP19MS



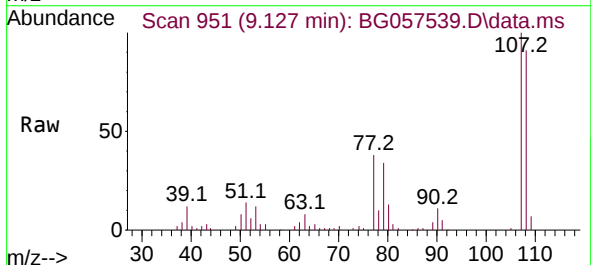
Tgt Ion: 70 Resp: 4950
Ion Ratio Lower Upper
70 100
42 54.1 41.8 62.8
101 8.5 6.8 10.2
130 18.5 14.2 21.2

Manual Integrations
APPROVED

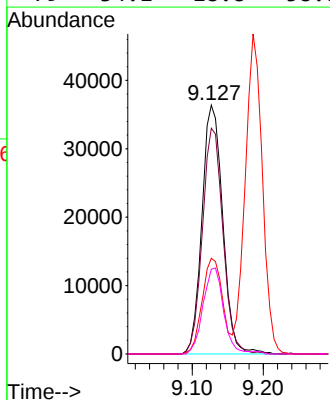
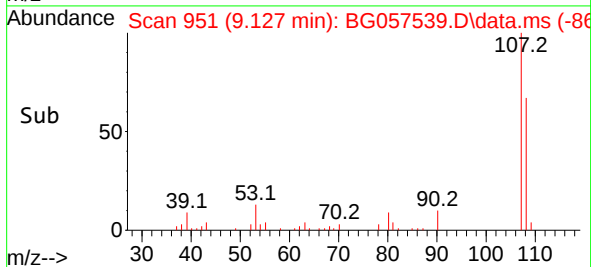
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

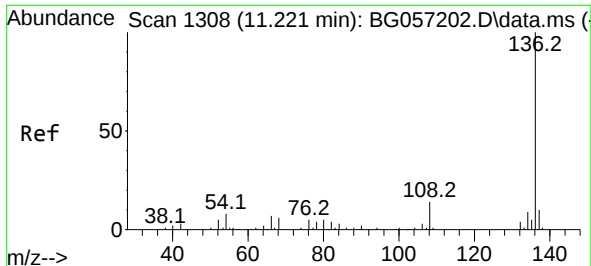


#20
3+4-Methylphenols
Concen: 44.609 ng
RT: 9.127 min Scan# 951
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11



Tgt Ion:107 Resp: 73955
Ion Ratio Lower Upper
107 100
108 90.7 73.5 113.5
77 38.5 21.1 61.1
79 34.1 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.195 min Scan# 111
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Instrument :

BNA_G

ClientSampleId :

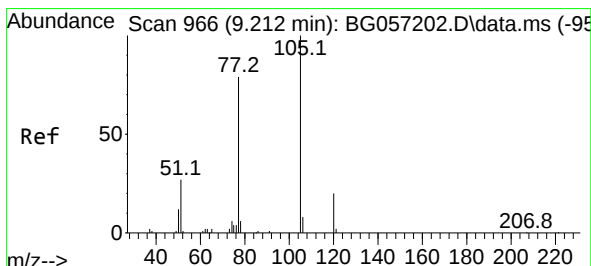
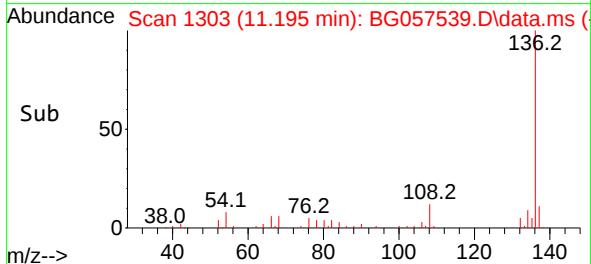
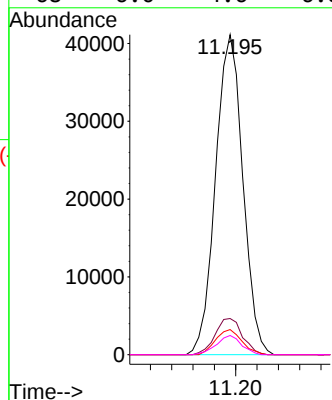
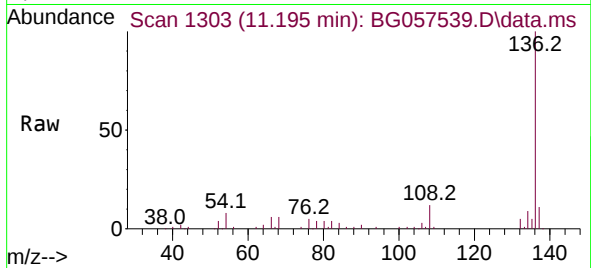
TP19MS

Tgt Ion:136 Resp: 72994
Ion Ratio Lower Upper
136 100
137 11.3 8.3 12.5
54 7.9 6.7 10.1
68 6.0 4.6 6.8

Manual Integrations

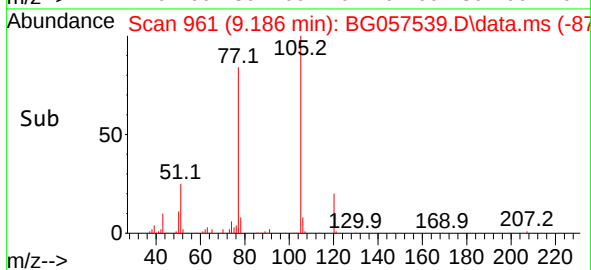
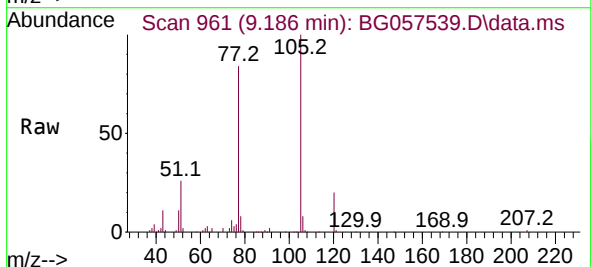
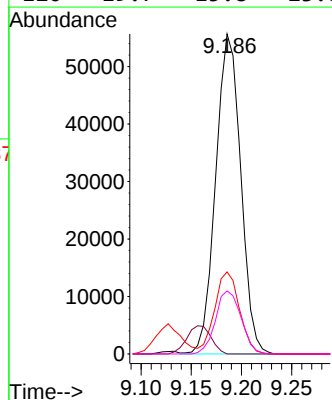
APPROVED

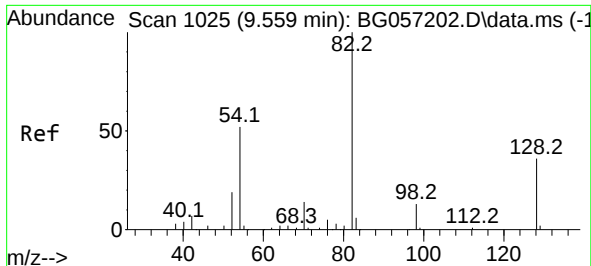
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#22
Acetophenone
Concen: 46.128 ng
RT: 9.186 min Scan# 961
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Tgt Ion:105 Resp: 96370
Ion Ratio Lower Upper
105 100
71 0.0 0.4 0.6#
51 25.7 24.0 36.0
120 19.7 15.8 23.8





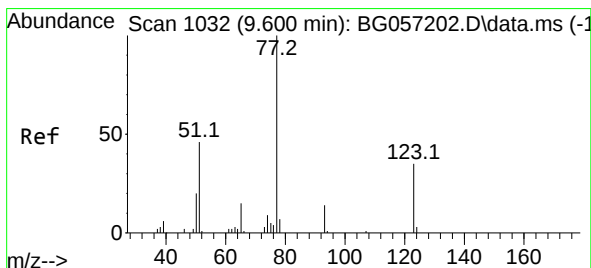
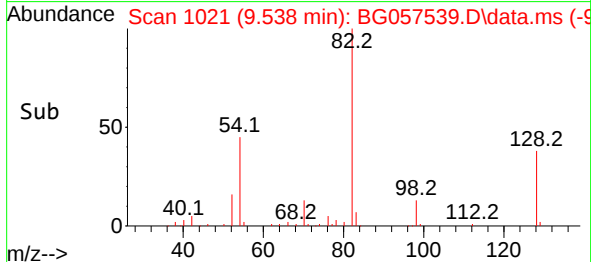
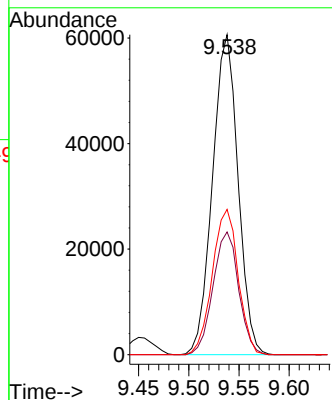
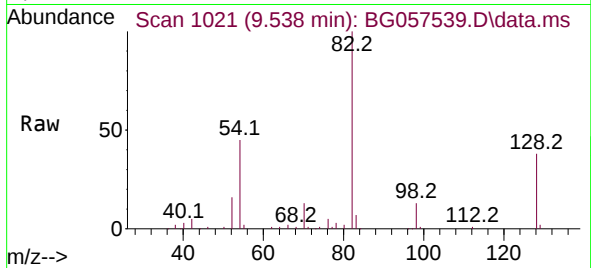
#23
 Nitrobenzene-d5
 Concen: 61.637 ng
 RT: 9.538 min Scan# 1021
 Delta R.T. -0.008 min
 Lab File: BG057539.D
 Acq: 24 May 2023 18:11

Instrument :
 BNA_G
 ClientSampleId :
 TP19MS

Tgt Ion: 82 Resp: 107190
 Ion Ratio Lower Upper
 82 100
 128 38.4 29.0 43.4
 54 45.4 41.4 62.0

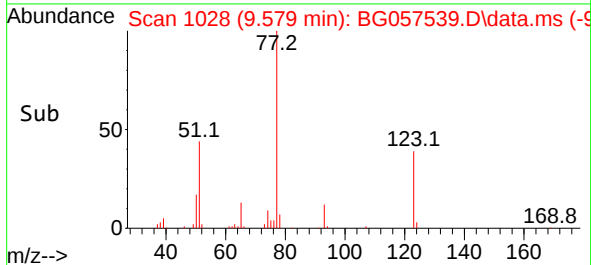
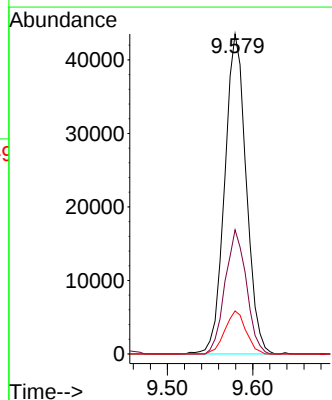
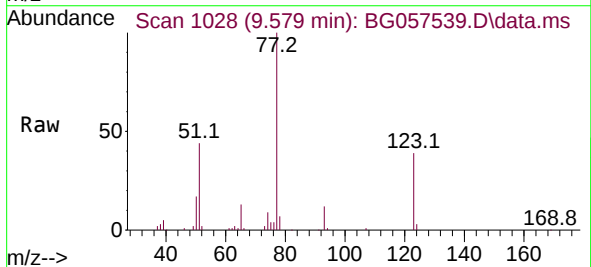
Manual Integrations
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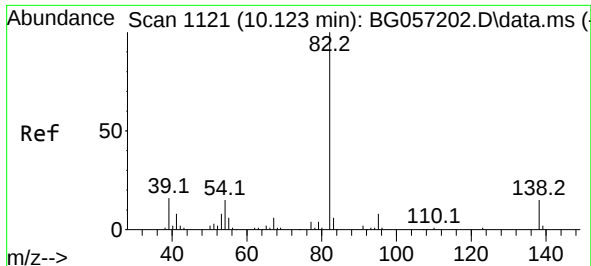
Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#24
 Nitrobenzene
 Concen: 43.523 ng
 RT: 9.579 min Scan# 1028
 Delta R.T. -0.008 min
 Lab File: BG057539.D
 Acq: 24 May 2023 18:11

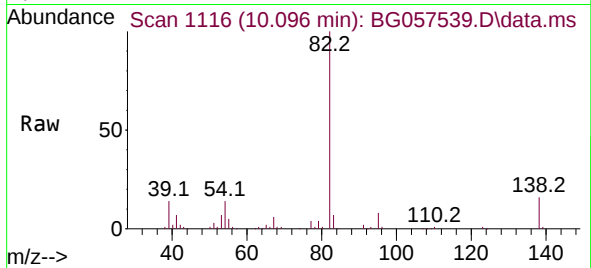
Tgt Ion: 77 Resp: 76399
 Ion Ratio Lower Upper
 77 100
 123 38.8 28.2 42.2
 65 13.4 11.7 17.5





#25
Isophorone
Concen: 39.946 ng
RT: 10.096 min Scan# 1116
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

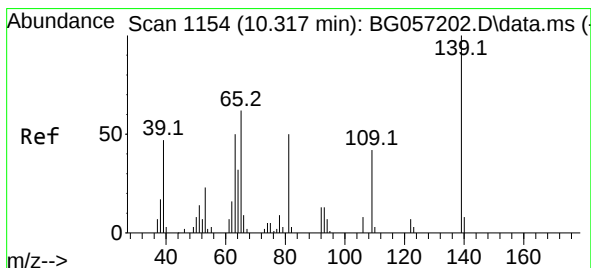
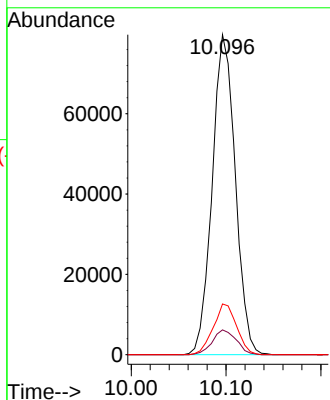
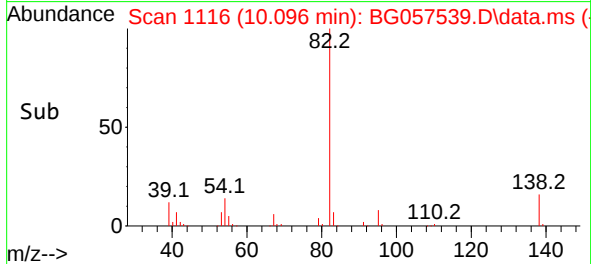
Instrument :
BNA_G
ClientSampleId :
TP19MS



Tgt Ion: 82 Resp: 134714
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 15.8 12.3 18.5

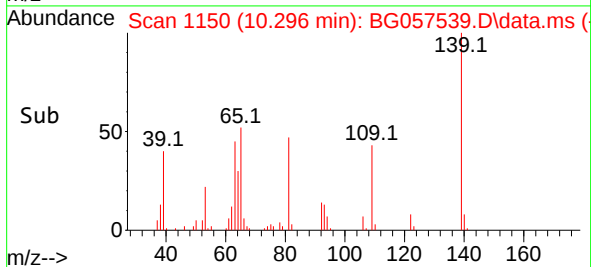
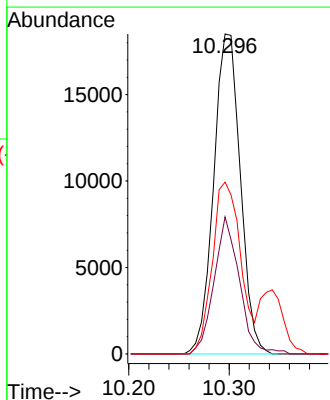
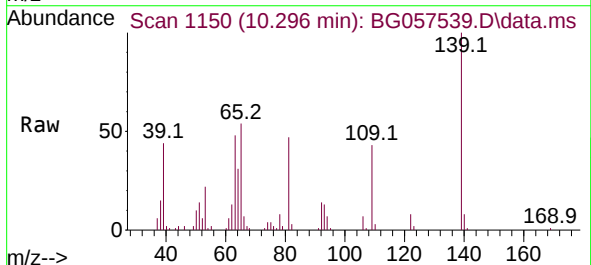
Manual Integrations
APPROVED

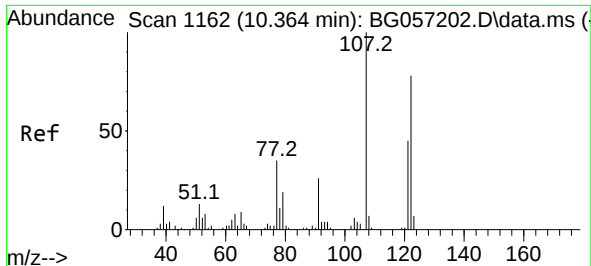
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#26
2-Nitrophenol
Concen: 50.769 ng
RT: 10.296 min Scan# 1150
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Tgt Ion:139 Resp: 34112
Ion Ratio Lower Upper
139 100
109 42.9 33.4 50.2
65 53.7 49.8 74.6





#27

2,4-Dimethylphenol

Concen: 50.433 ng

RT: 10.343 min Scan# 1158

Delta R.T. -0.002 min

Lab File: BG057539.D

Acq: 24 May 2023 18:11

Instrument :

BNA_G

ClientSampleId :

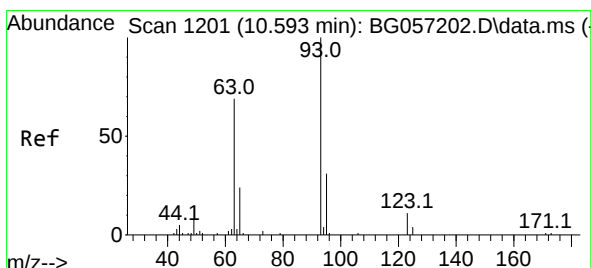
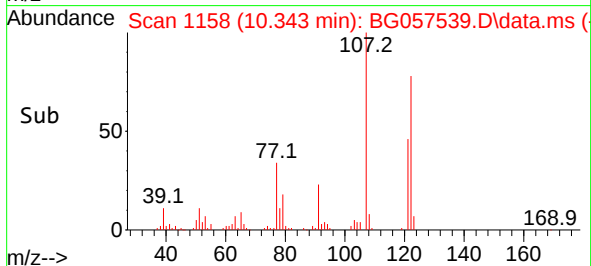
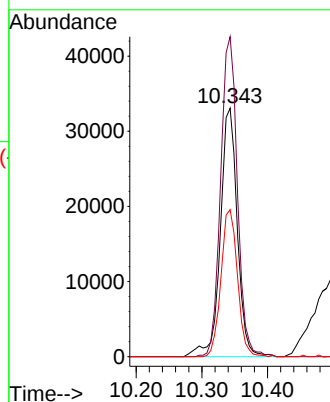
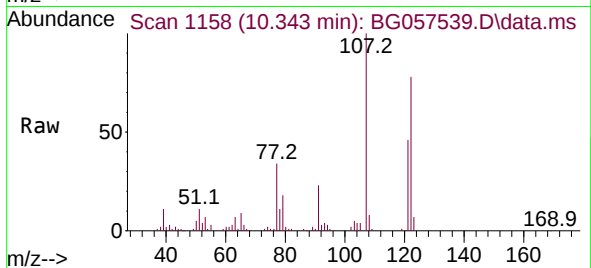
TP19MS

Tgt Ion:122 Resp: 59330
 Ion Ratio Lower Upper
 122 100
 107 128.8 103.0 154.4
 121 59.2 45.9 68.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.184 ng

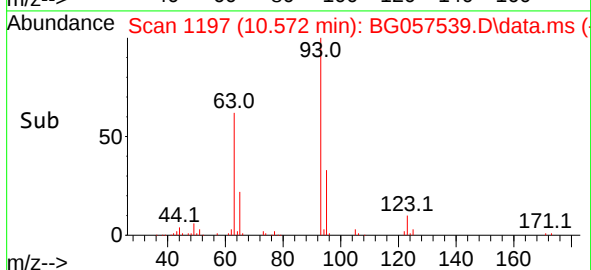
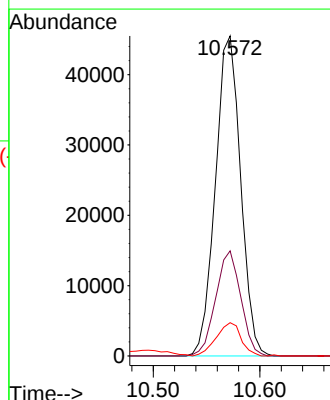
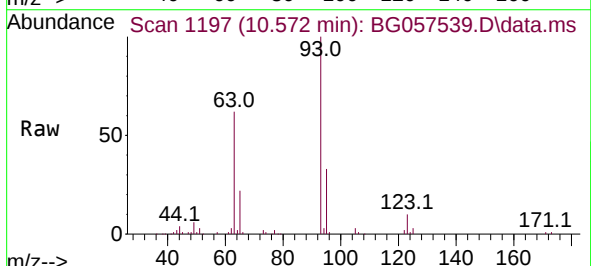
RT: 10.572 min Scan# 1197

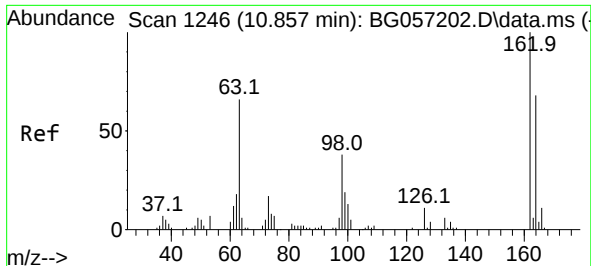
Delta R.T. -0.008 min

Lab File: BG057539.D

Acq: 24 May 2023 18:11

Tgt Ion: 93 Resp: 74648
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.0 37.6
 123 10.4 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 50.349 ng

RT: 10.842 min Scan# 1243

Delta R.T. -0.008 min

Lab File: BG057539.D

Acq: 24 May 2023 18:11

Instrument :

BNA_G

ClientSampleId :

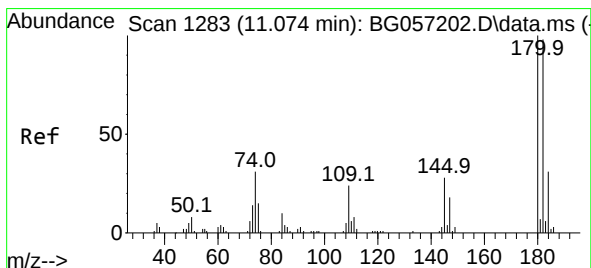
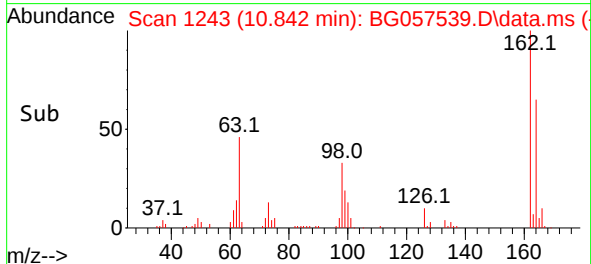
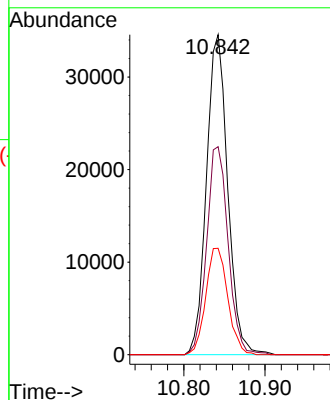
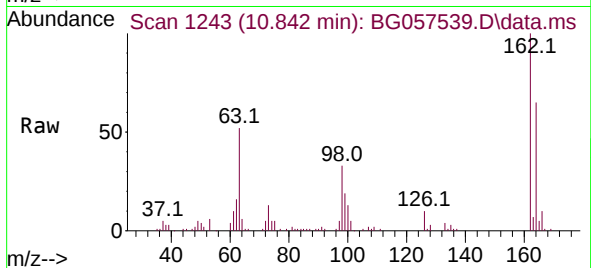
TP19MS

Tgt Ion:162	Resp:	62829
Ion Ratio	Lower	Upper
162	100	
164	65.0	48.4 88.4
98	33.2	17.6 57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.226 ng

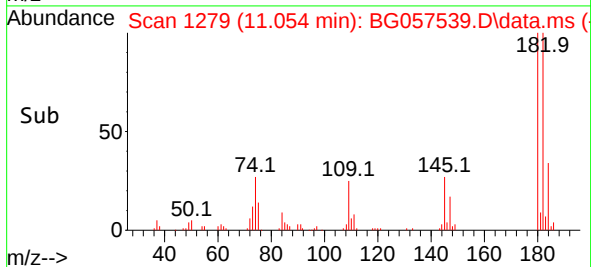
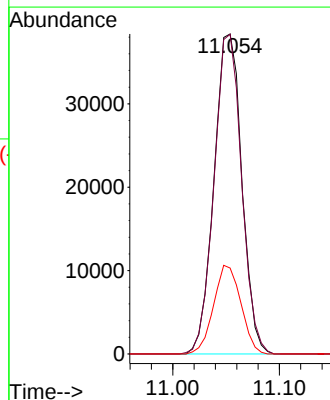
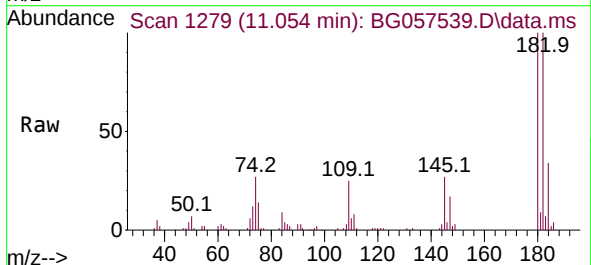
RT: 11.054 min Scan# 1279

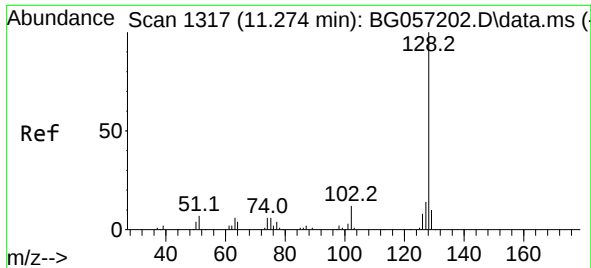
Delta R.T. -0.008 min

Lab File: BG057539.D

Acq: 24 May 2023 18:11

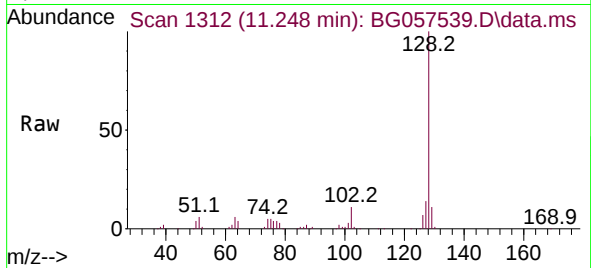
Tgt Ion:180	Resp:	69412
Ion Ratio	Lower	Upper
180	100	
182	99.9	78.0 117.0
145	26.9	22.4 33.6





#31
Naphthalene
Concen: 47.131 ng
RT: 11.248 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

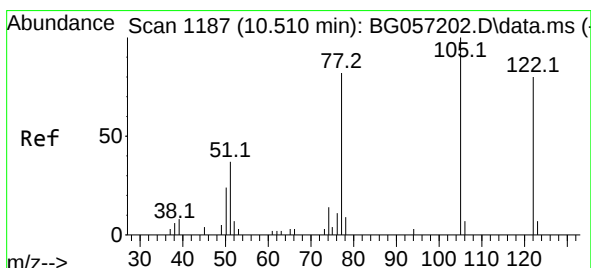
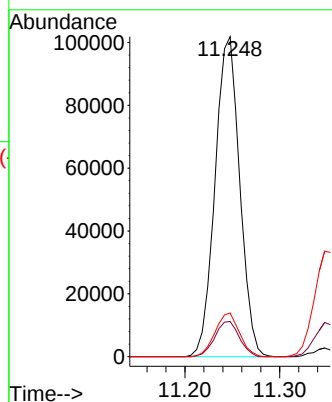
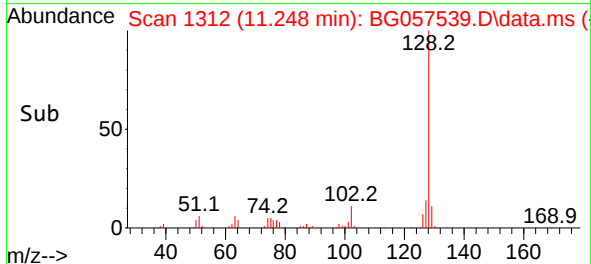
Instrument :
BNA_G
ClientSampleId :
TP19MS



Tgt Ion:128 Resp: 18392
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 13.6 11.1 16.7

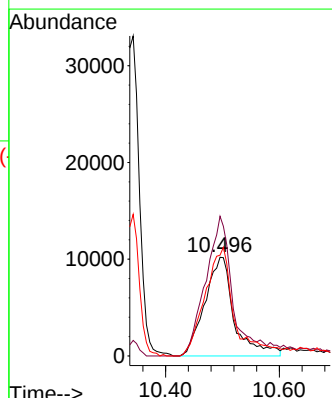
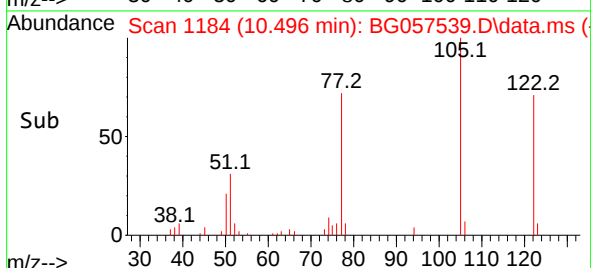
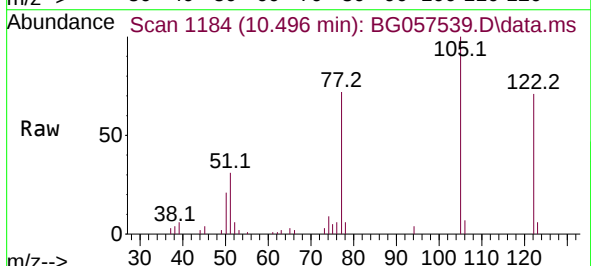
Manual Integrations
APPROVED

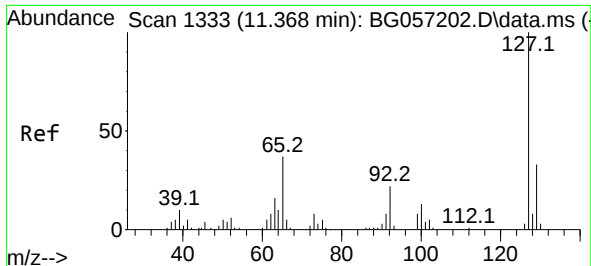
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#32
Benzoic acid
Concen: 53.297 ng
RT: 10.496 min Scan# 1184
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Tgt Ion:122 Resp: 36551
Ion Ratio Lower Upper
122 100
105 141.4 105.2 145.2
77 102.1 83.1 123.1





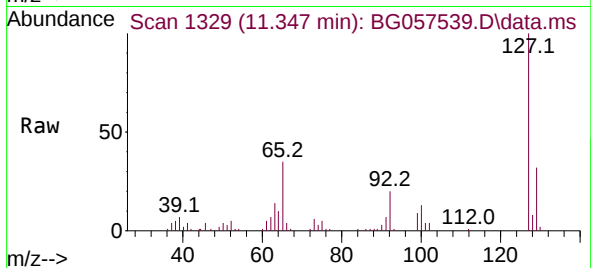
#33
4-Chloroaniline
Concen: 36.862 ng
RT: 11.347 min Scan# 1134
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Instrument :

BNA_G

ClientSampleId :

TP19MS

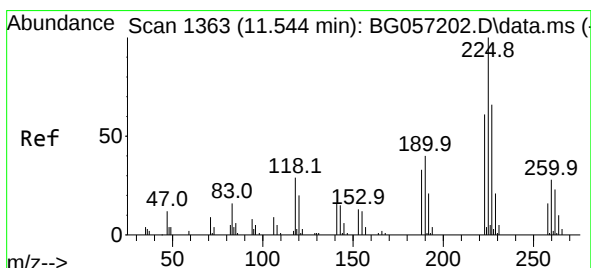
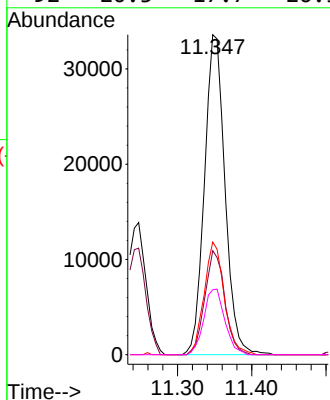
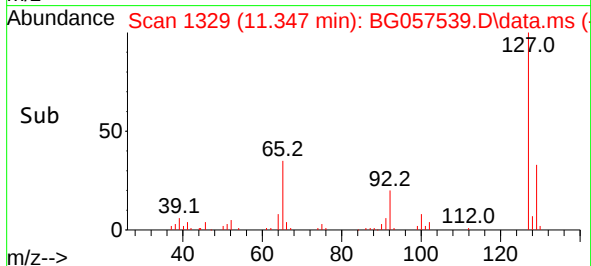


Tgt Ion:127 Resp: 64600
Ion Ratio Lower Upper
127 100
129 32.5 26.7 40.1
65 35.2 29.7 44.5
92 20.3 17.7 26.5

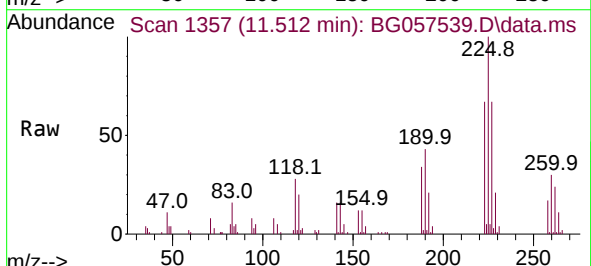
Manual Integrations

APPROVED

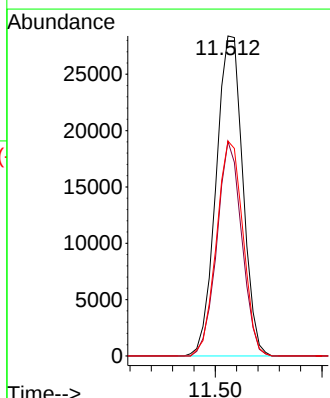
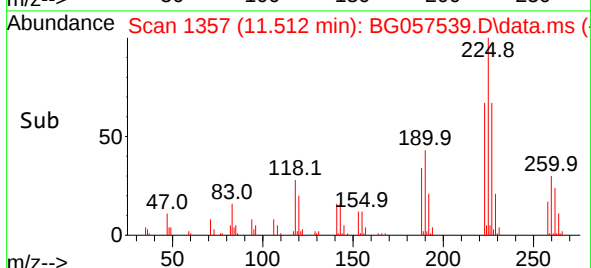
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

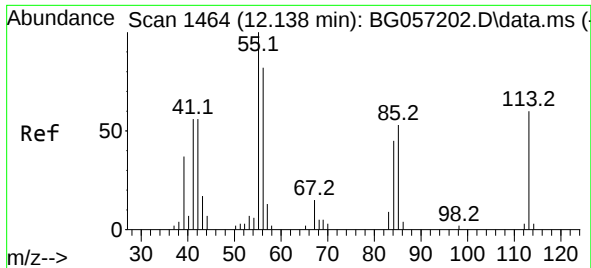


#34
Hexachlorobutadiene
Concen: 46.198 ng
RT: 11.512 min Scan# 1357
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11



Tgt Ion:225 Resp: 49338
Ion Ratio Lower Upper
225 100
223 67.1 48.6 72.8
227 67.1 52.7 79.1





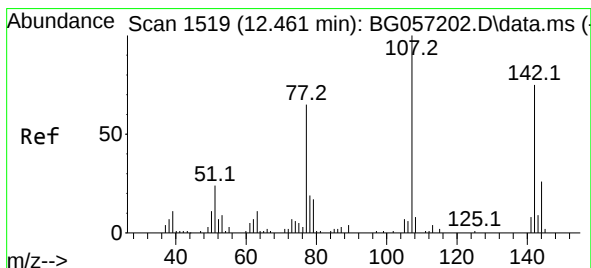
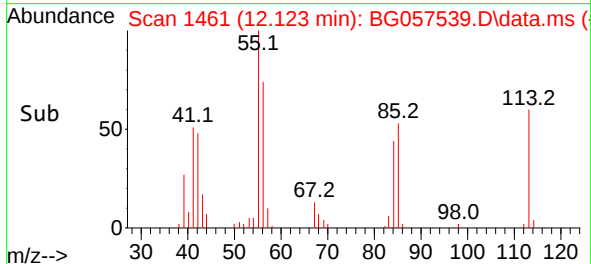
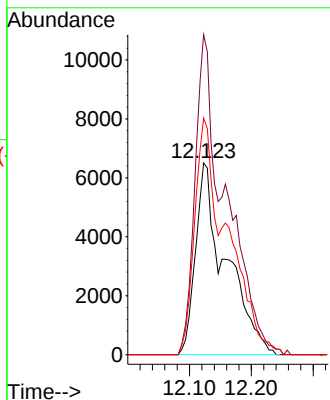
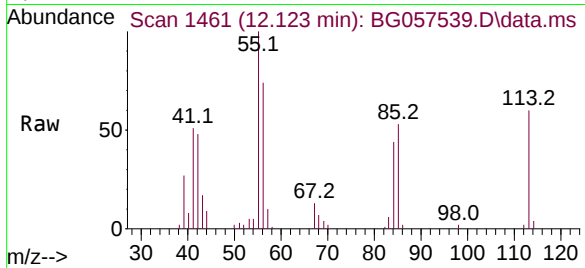
#35
Caprolactam
Concen: 51.973 ng m
RT: 12.123 min Scan# 14
Delta R.T. -0.014 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Instrument :
BNA_G
ClientSampleId :
TP19MS

Tgt Ion:113 Resp: 22154
Ion Ratio Lower Upper
113 100
55 167.0 145.5 185.5
56 123.4 115.9 155.9

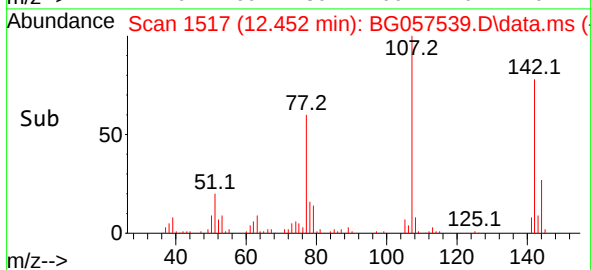
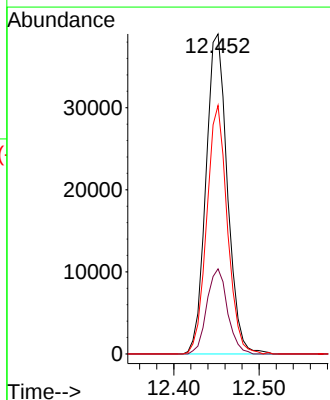
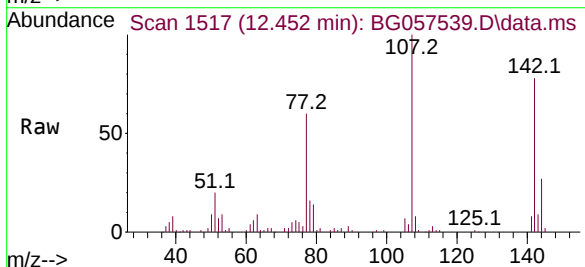
Manual Integrations
APPROVED

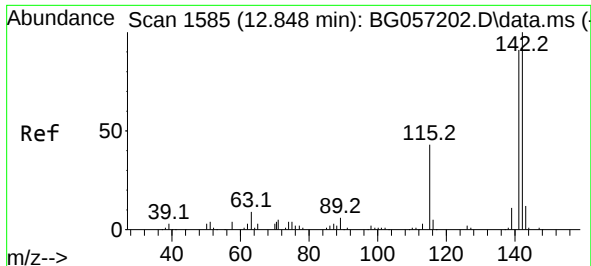
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#36
4-Chloro-3-methylphenol
Concen: 47.986 ng
RT: 12.452 min Scan# 1517
Delta R.T. -0.002 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Tgt Ion:107 Resp: 68049
Ion Ratio Lower Upper
107 100
144 26.6 21.0 31.6
142 77.6 60.0 90.0





#37

2-Methylnaphthalene

Concen: 43.462 ng

RT: 12.822 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG057539.D

Acq: 24 May 2023 18:11

Instrument :

BNA_G

ClientSampleId :

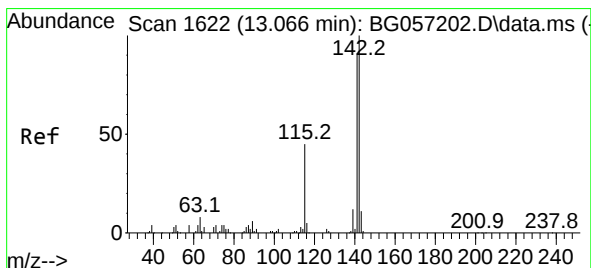
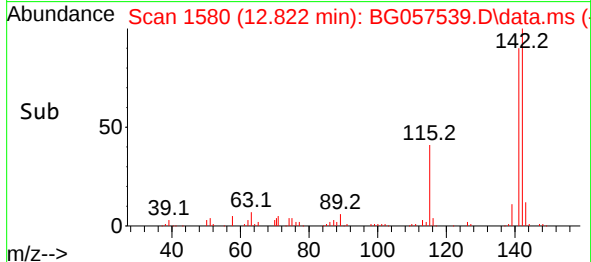
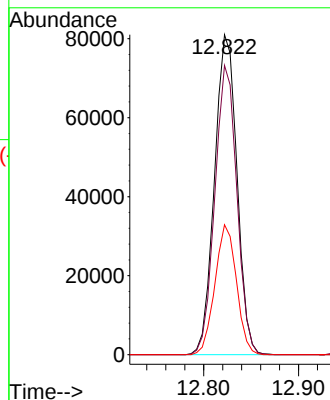
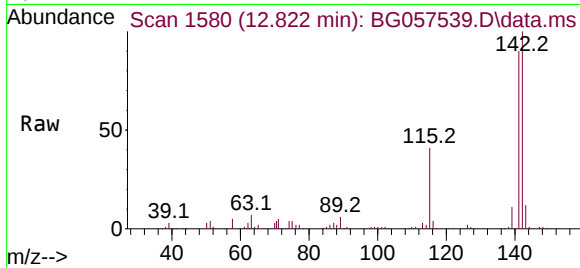
TP19MS

Tgt Ion:142	Resp:	13335
Ion Ratio	Lower	Upper
142	100	
141	90.4	73.1 109.7
115	40.6	34.6 52.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#38

1-Methylnaphthalene

Concen: 43.538 ng

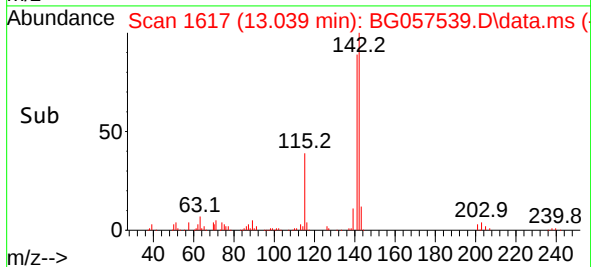
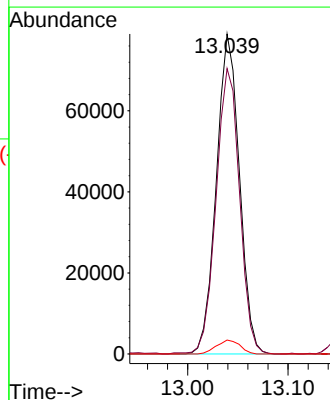
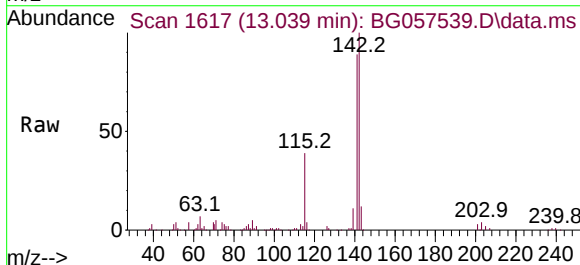
RT: 13.039 min Scan# 1617

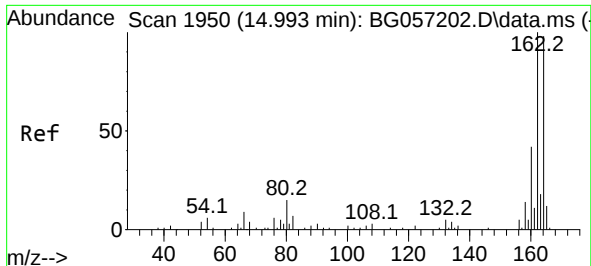
Delta R.T. -0.008 min

Lab File: BG057539.D

Acq: 24 May 2023 18:11

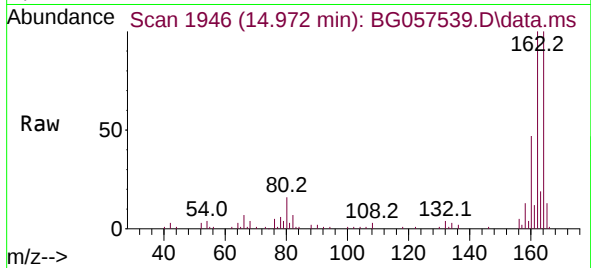
Tgt Ion:142	Resp:	125908
Ion Ratio	Lower	Upper
142	100	
141	89.2	72.5 108.7
116	4.3	3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.972 min Scan# 1950
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

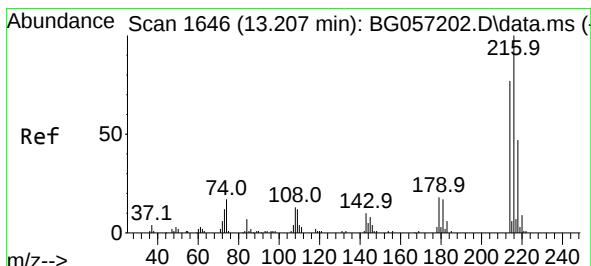
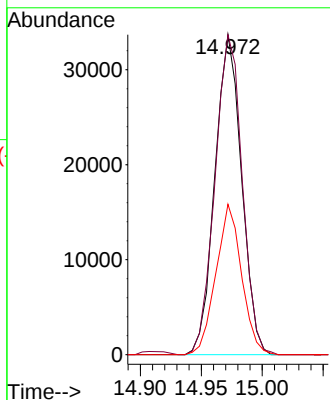
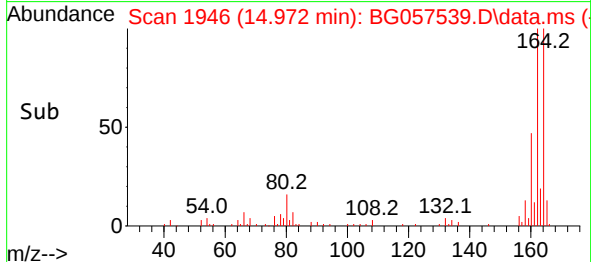
Instrument :
BNA_G
ClientSampleId :
TP19MS



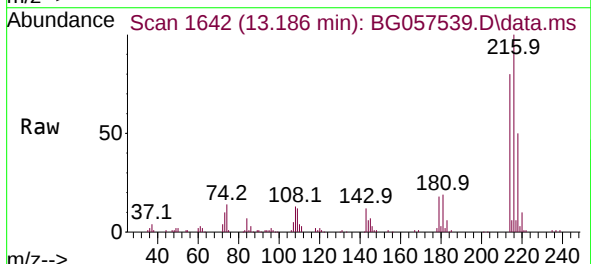
Tgt Ion:164 Resp: 51250
Ion Ratio Lower Upper
164 100
162 100.0 81.8 122.6
160 47.0 34.6 52.0

Manual Integrations
APPROVED

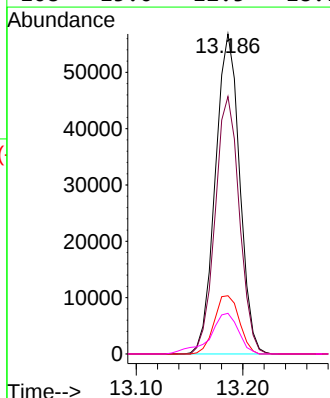
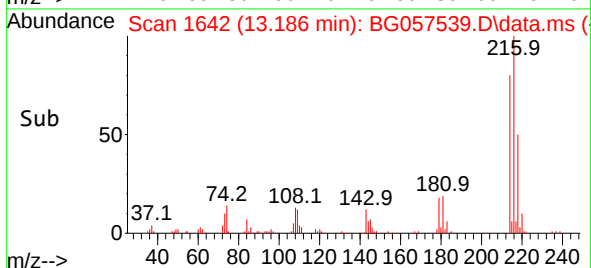
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

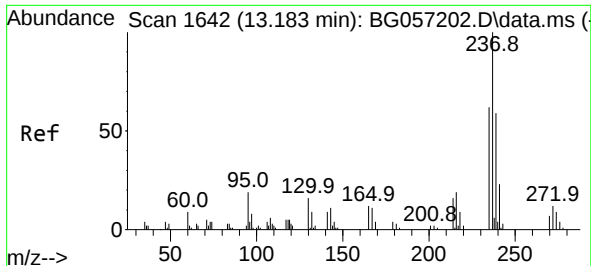


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.283 ng
RT: 13.186 min Scan# 1642
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11



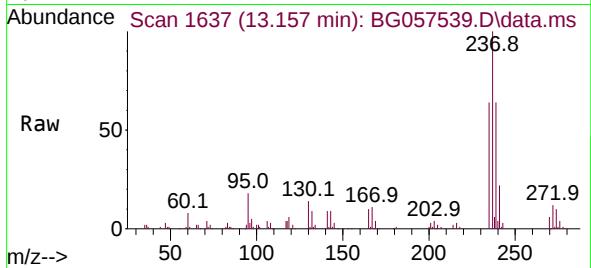
Tgt Ion:216 Resp: 89666
Ion Ratio Lower Upper
216 100
214 80.3 63.7 95.5
179 18.8 14.6 22.0
108 15.0 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 84.078 ng
RT: 13.157 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

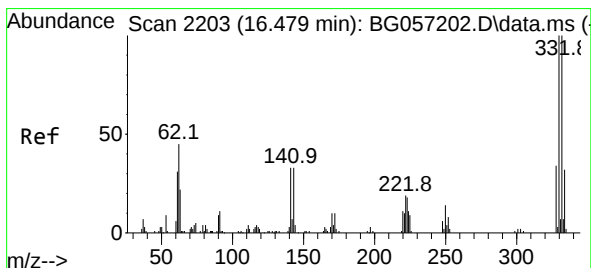
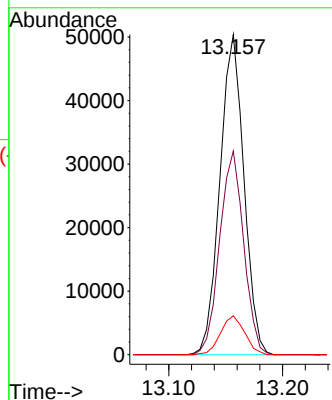
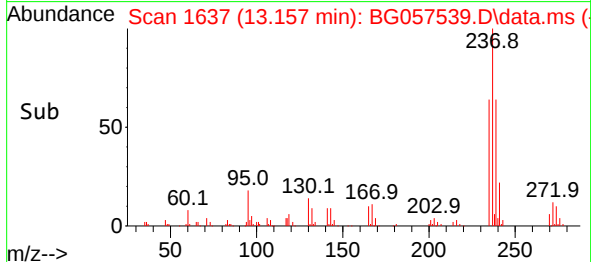
Instrument :
BNA_G
ClientSampleId :
TP19MS



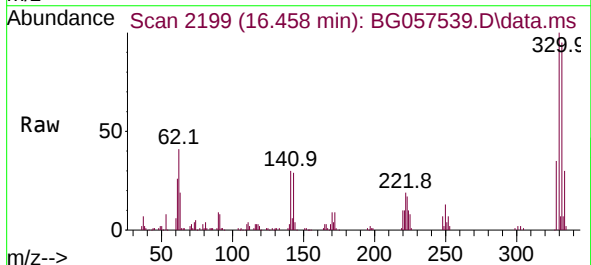
Tgt Ion:237 Resp: 73834
Ion Ratio Lower Upper
237 100
235 63.7 42.0 82.0
272 12.2 0.0 31.5

Manual Integrations
APPROVED

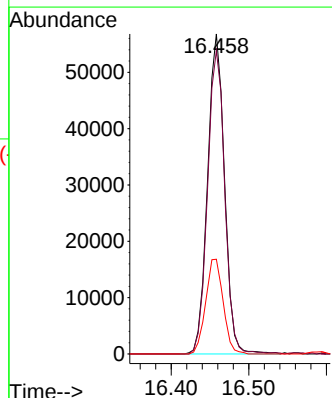
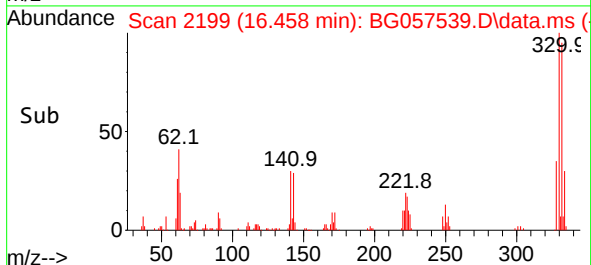
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

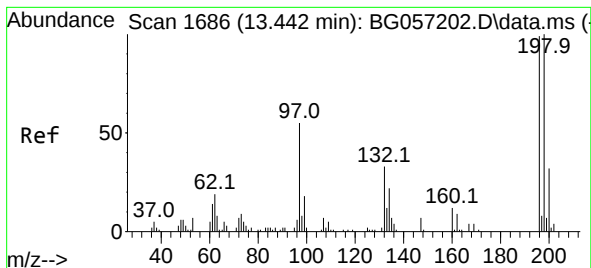


#42
2,4,6-Tribromophenol
Concen: 118.710 ng
RT: 16.458 min Scan# 2199
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11



Tgt Ion:330 Resp: 86324
Ion Ratio Lower Upper
330 100
332 96.0 78.2 117.2
141 30.5 27.8 41.8





#43

2,4,6-Trichlorophenol

Concen: 53.104 ng

RT: 13.421 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG057539.D

Acq: 24 May 2023 18:11

Instrument :

BNA_G

ClientSampleId :

TP19MS

Tgt Ion:196 Resp: 5886

Ion Ratio Lower Upper

196 100

198 99.8 81.2 121.8

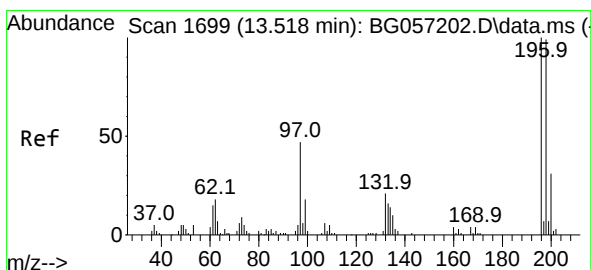
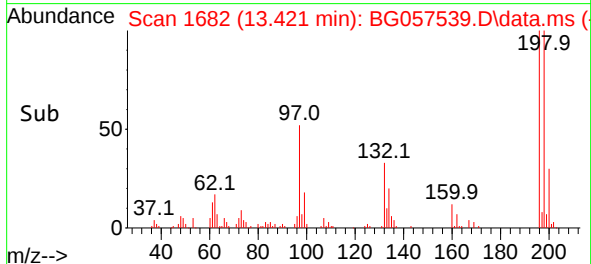
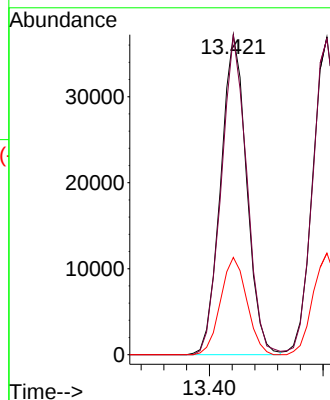
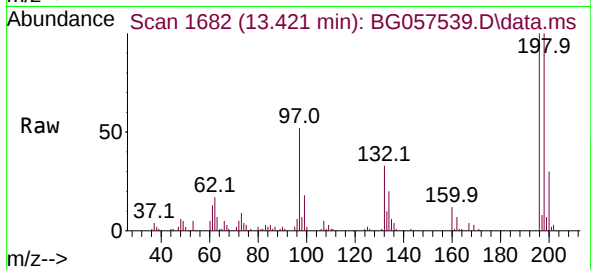
200 30.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#44

2,4,5-Trichlorophenol

Concen: 47.492 ng

RT: 13.503 min Scan# 1696

Delta R.T. -0.008 min

Lab File: BG057539.D

Acq: 24 May 2023 18:11

Tgt Ion:196 Resp: 61923

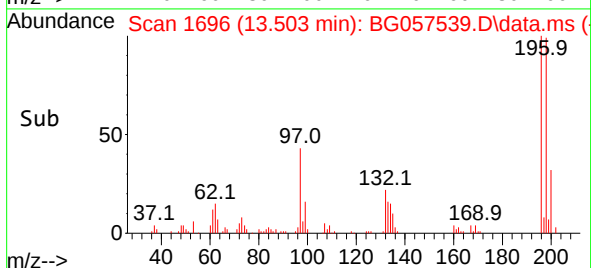
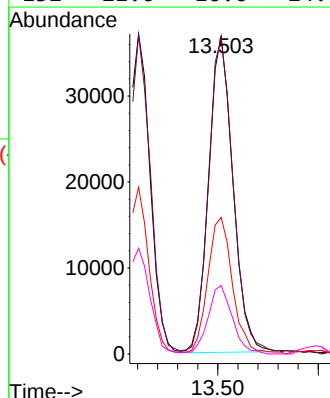
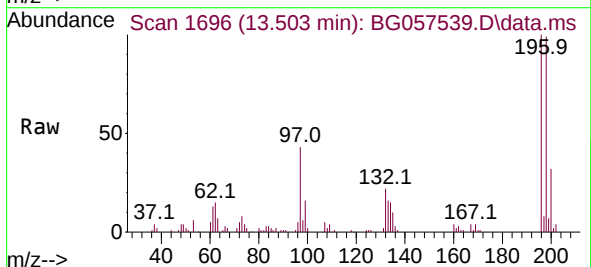
Ion Ratio Lower Upper

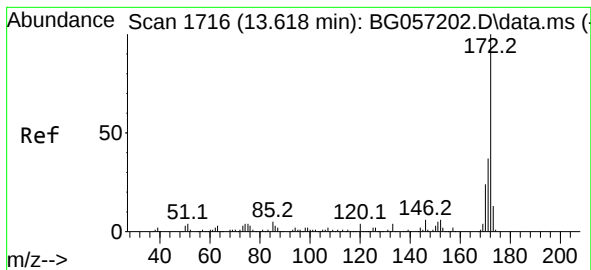
196 100

198 99.4 79.4 119.2

97 43.0 37.0 55.4

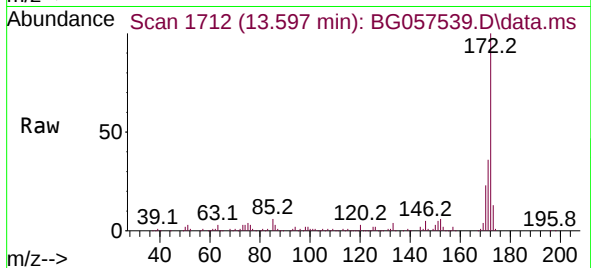
132 21.6 16.6 24.8





#45
2-Fluorobiphenyl
Concen: 66.534 ng
RT: 13.597 min Scan# 1712
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

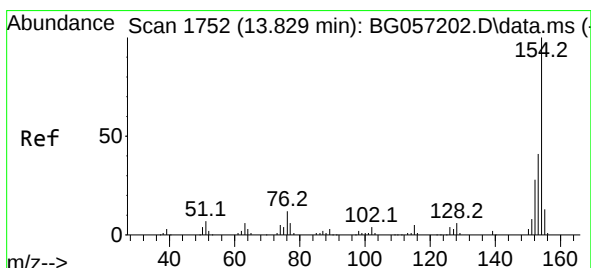
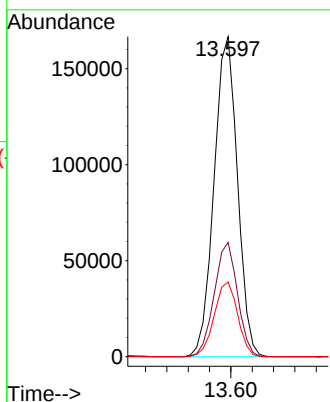
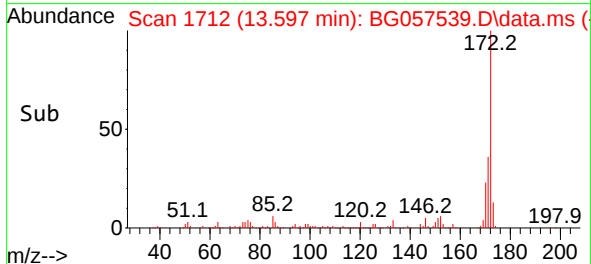
Instrument :
BNA_G
ClientSampleId :
TP19MS



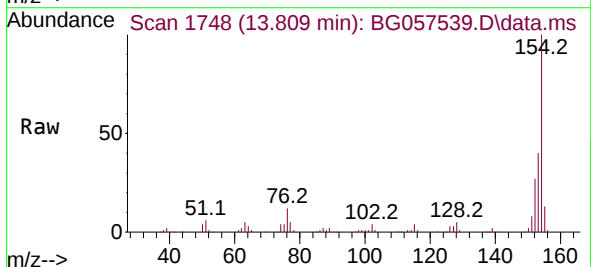
Tgt Ion:172 Resp: 253184
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 23.4 19.0 28.6

Manual Integrations
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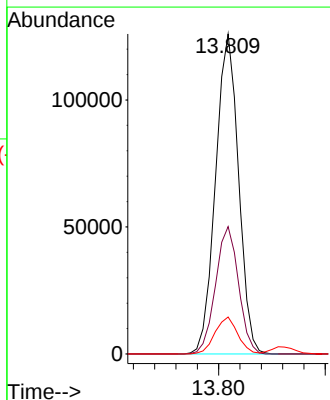
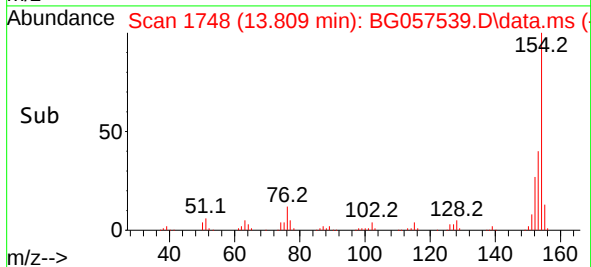
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

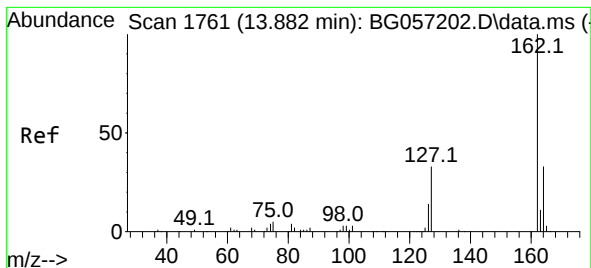


#46
1,1'-Biphenyl
Concen: 49.403 ng
RT: 13.809 min Scan# 1748
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11



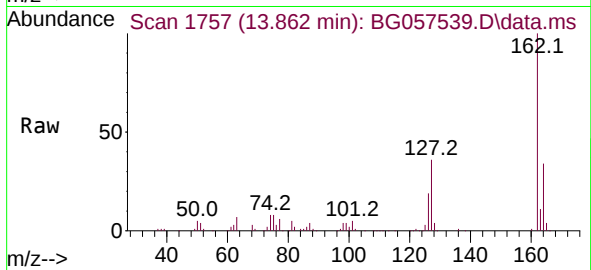
Tgt Ion:154 Resp: 187877
Ion Ratio Lower Upper
154 100
153 39.8 20.9 60.9
76 11.6 0.0 31.7





#47
2-Chloronaphthalene
Concen: 50.647 ng
RT: 13.862 min Scan# 1757
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

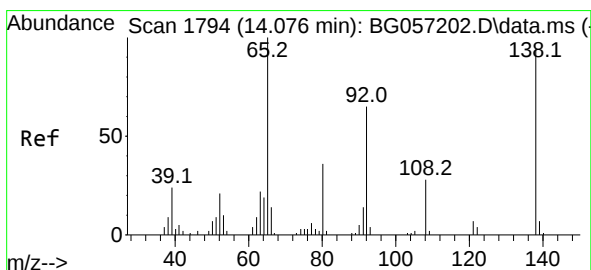
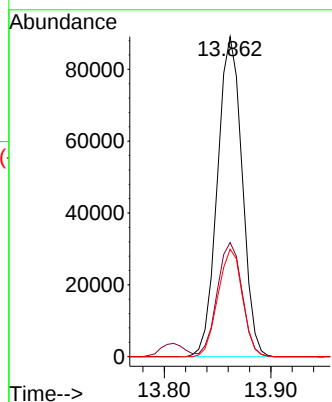
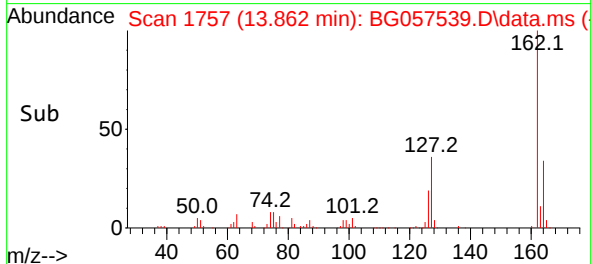
Instrument :
BNA_G
ClientSampleId :
TP19MS



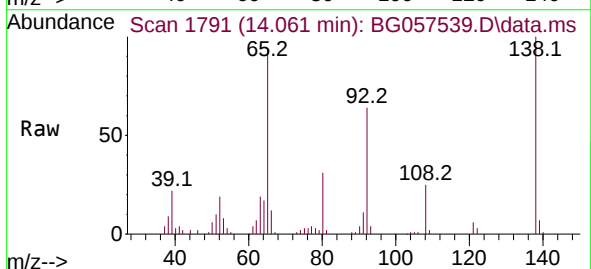
Tgt Ion:162 Resp: 143229
Ion Ratio Lower Upper
162 100
127 35.6 29.8 44.6
164 33.6 26.6 40.0

Manual Integrations
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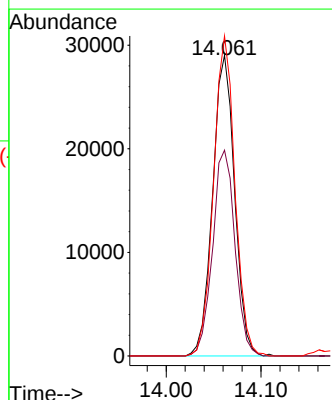
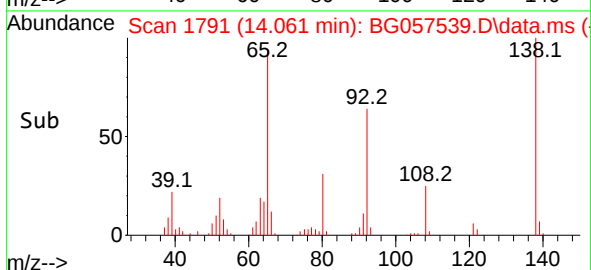
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

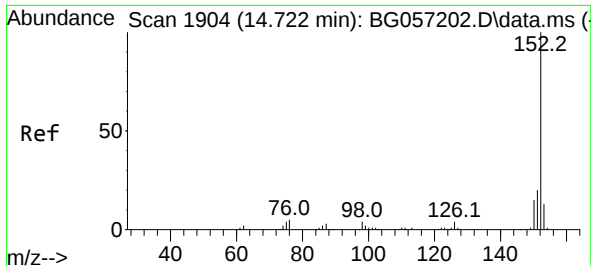


#48
2-Nitroaniline
Concen: 48.474 ng
RT: 14.061 min Scan# 1791
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11



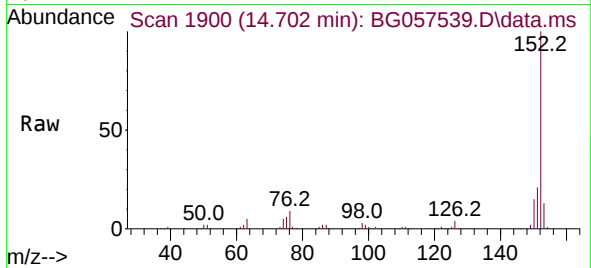
Tgt Ion: 65 Resp: 46611
Ion Ratio Lower Upper
65 100
92 68.5 52.1 78.1
138 106.5 75.3 112.9





#49
Acenaphthylene
Concen: 48.011 ng
RT: 14.702 min Scan# 1904
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

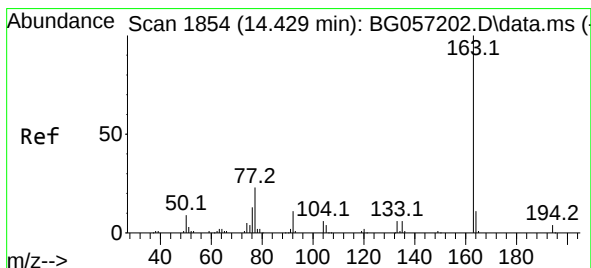
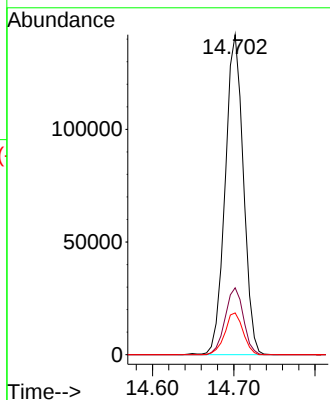
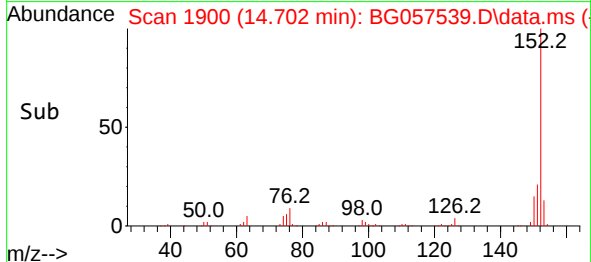
Instrument :
BNA_G
ClientSampleId :
TP19MS



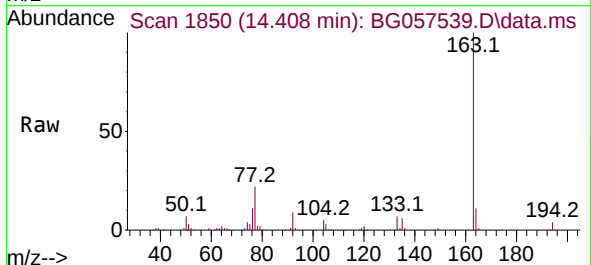
Tgt Ion:152 Resp: 220578
Ion Ratio Lower Upper
152 100
151 20.9 16.0 24.0
153 13.1 10.7 16.1

Manual Integrations
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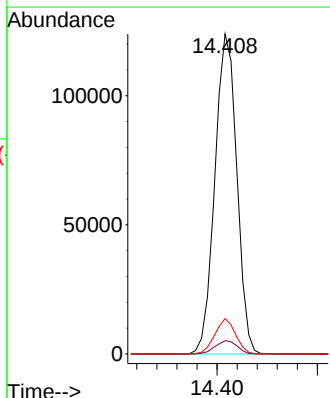
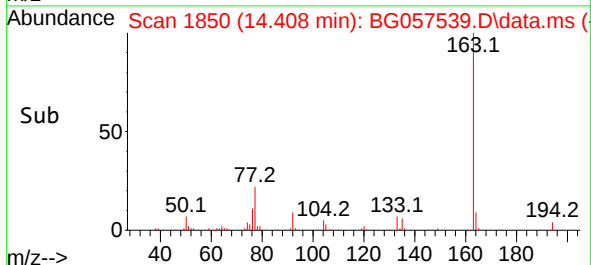
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

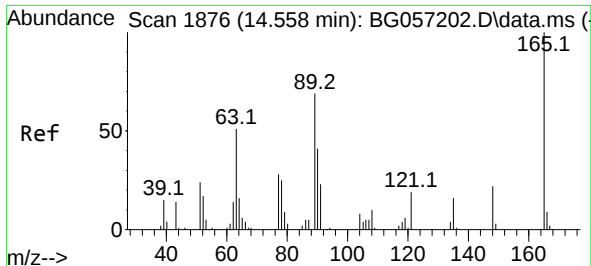


#50
Dimethylphthalate
Concen: 44.553 ng
RT: 14.408 min Scan# 1850
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11



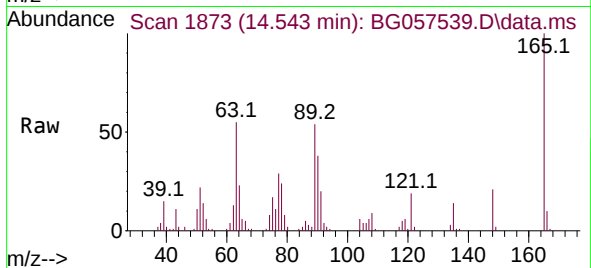
Tgt Ion:163 Resp: 187633
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 11.1 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 49.086 ng
RT: 14.543 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

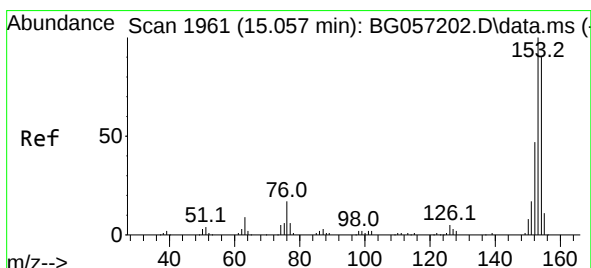
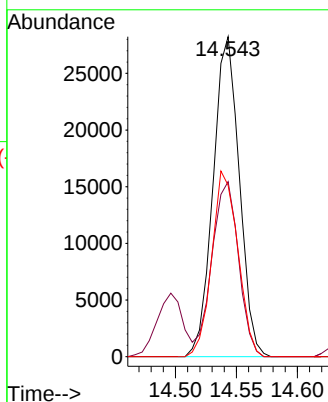
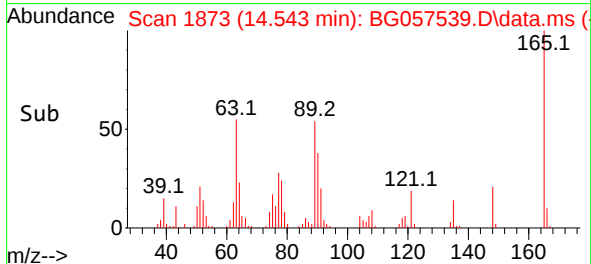
Instrument :
BNA_G
ClientSampleId :
TP19MS



Tgt Ion:165 Resp: 42208
Ion Ratio Lower Upper
165 100
63 54.7 50.9 76.3
89 53.6 55.2 82.8

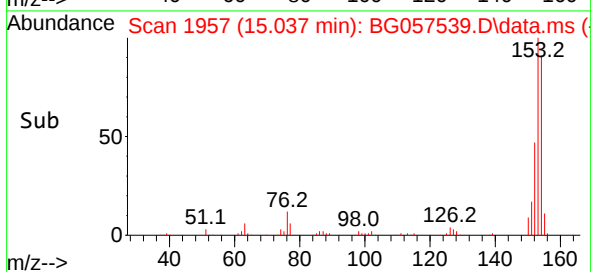
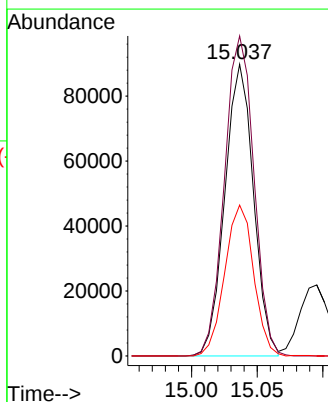
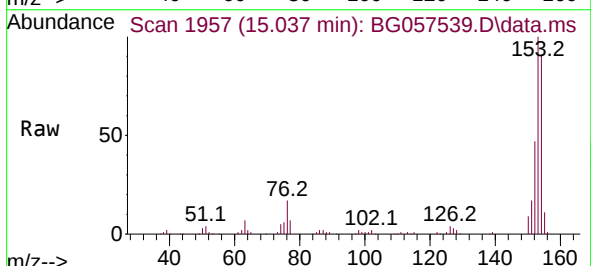
Manual Integrations
APPROVED

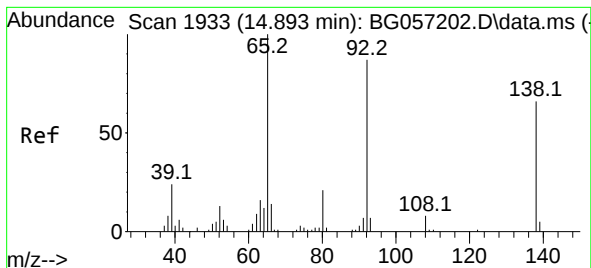
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#52
Acenaphthene
Concen: 47.523 ng
RT: 15.037 min Scan# 1957
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

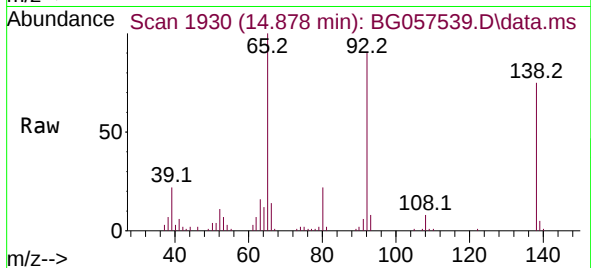
Tgt Ion:154 Resp: 136433
Ion Ratio Lower Upper
154 100
153 109.7 89.3 133.9
152 51.7 41.7 62.5





#53
3-Nitroaniline
Concen: 40.939 ng
RT: 14.878 min Scan# 1930
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

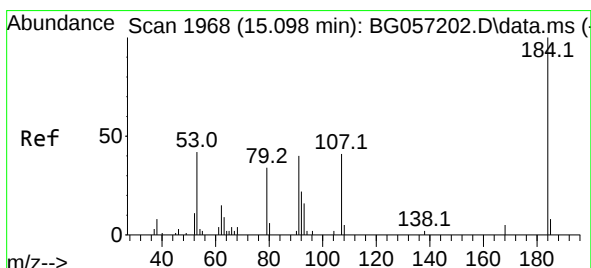
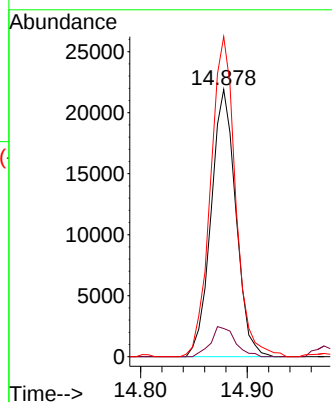
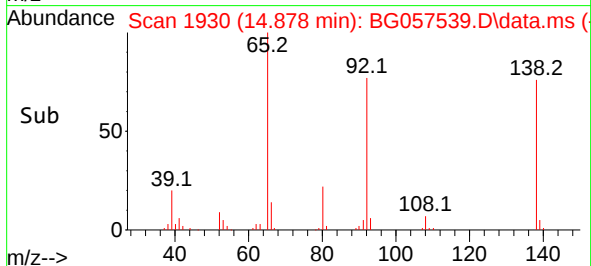
Instrument :
BNA_G
ClientSampleId :
TP19MS



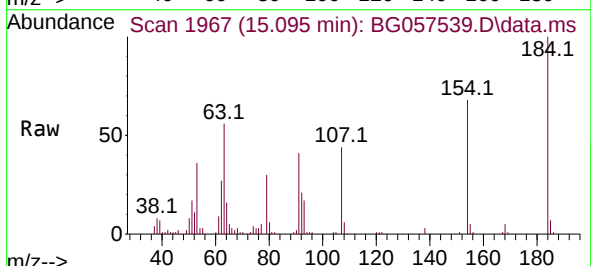
Tgt Ion:138 Resp: 3526
Ion Ratio Lower Upper
138 100
108 10.5 9.5 14.3
92 119.8 106.2 159.4

Manual Integrations
APPROVED

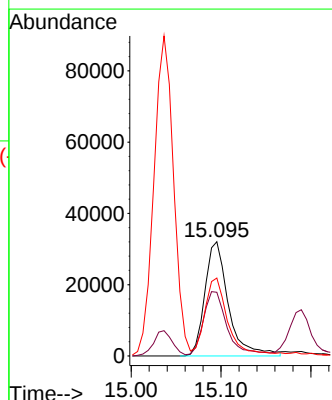
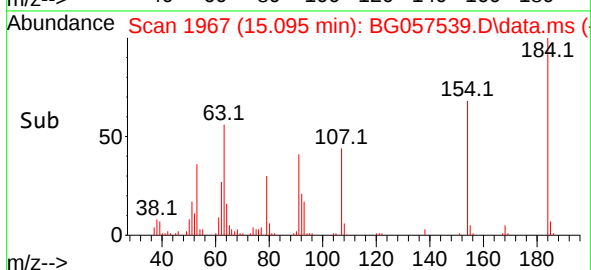
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

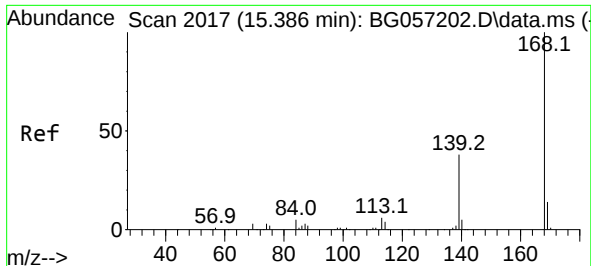


#54
2,4-Dinitrophenol
Concen: 107.937 ng
RT: 15.095 min Scan# 1967
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11



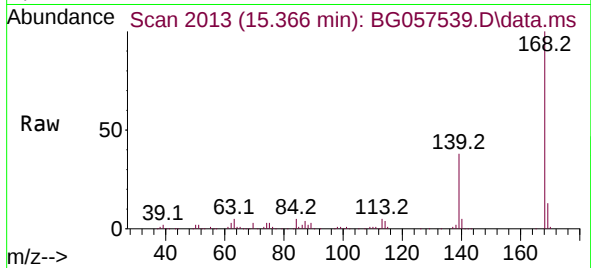
Tgt Ion:184 Resp: 58452
Ion Ratio Lower Upper
184 100
63 55.7 48.2 72.4
154 68.1 55.4 83.2





#55
Dibenzenofuran
Concen: 47.291 ng
RT: 15.366 min Scan# 2017
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

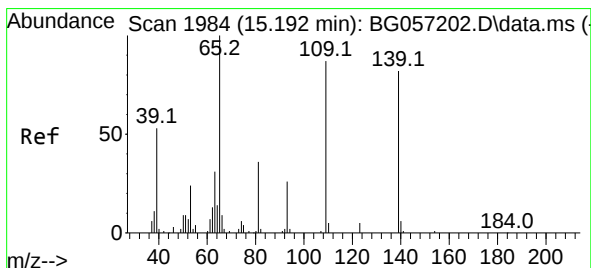
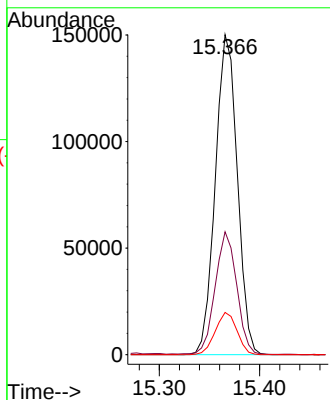
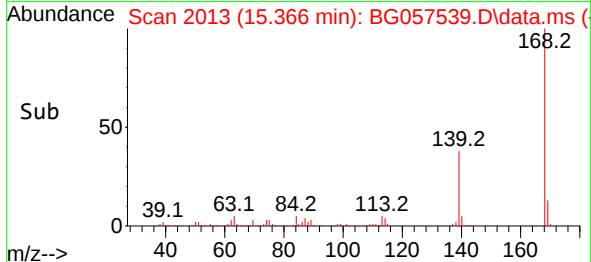
Instrument :
BNA_G
ClientSampleId :
TP19MS



Tgt Ion:168 Resp: 22811
Ion Ratio Lower Upper
168 100
139 38.4 30.7 46.1
169 13.2 10.9 16.3

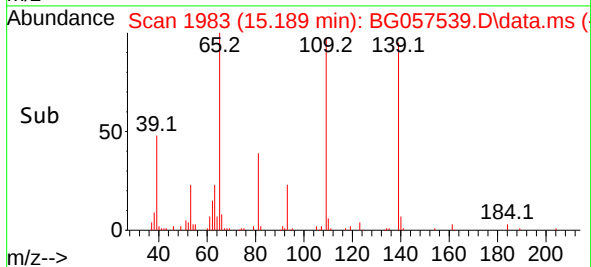
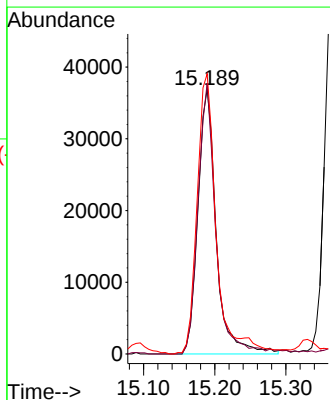
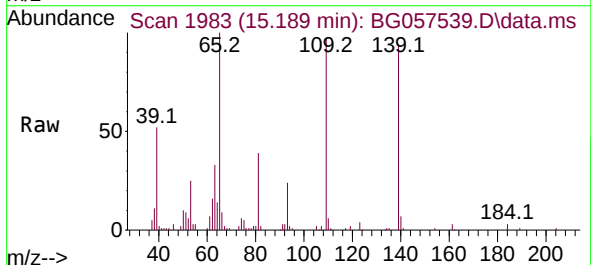
Manual Integrations
APPROVED

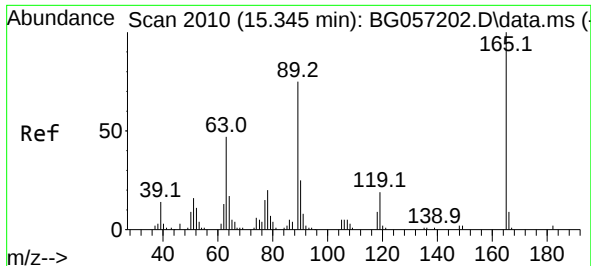
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#56
4-Nitrophenol
Concen: 115.825 ng
RT: 15.189 min Scan# 1983
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Tgt Ion:139 Resp: 66361
Ion Ratio Lower Upper
139 100
109 102.3 86.6 126.6
65 105.9 102.6 142.6





#57
2,4-Dinitrotoluene
Concen: 51.397 ng
RT: 15.330 min Scan# 2010
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Instrument :

BNA_G

ClientSampleId :

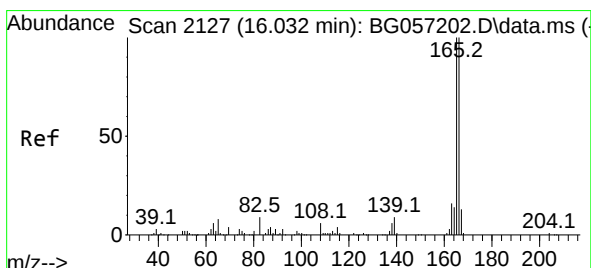
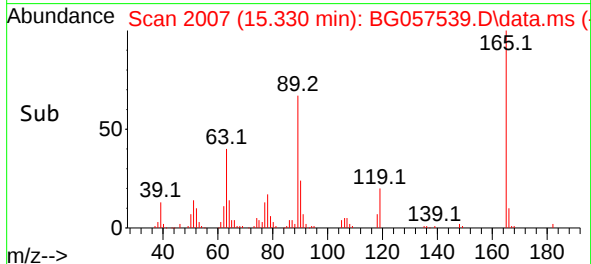
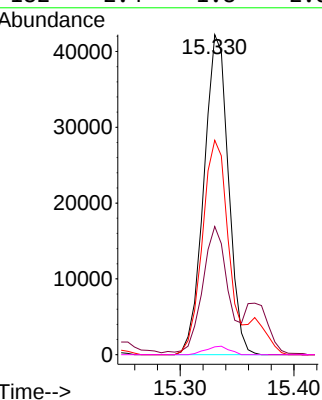
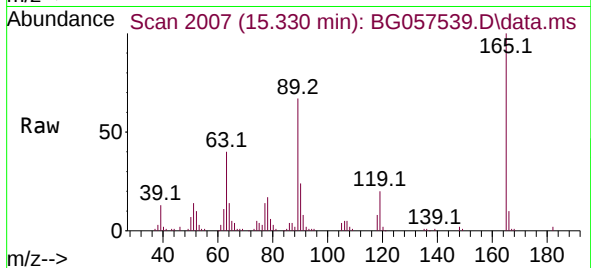
TP19MS

Tgt Ion:165 Resp: 6316
Ion Ratio Lower Upper
165 100
63 40.0 37.5 56.3
89 67.0 60.2 90.4
182 2.4 1.8 2.8

Manual Integrations

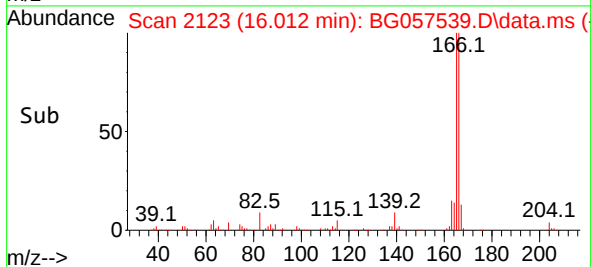
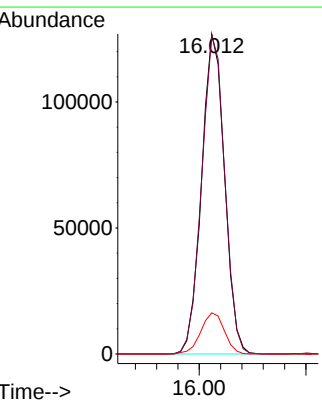
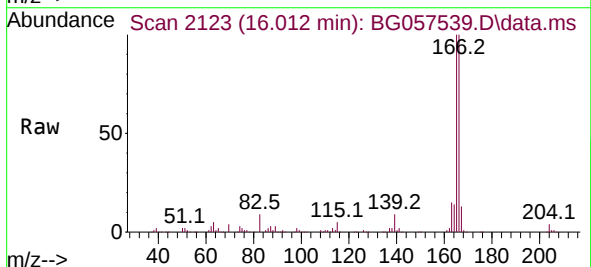
APPROVED

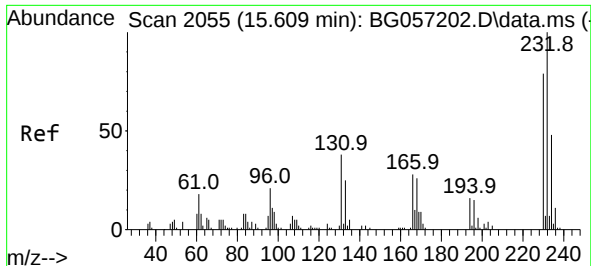
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#58
Fluorene
Concen: 47.581 ng
RT: 16.012 min Scan# 2123
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

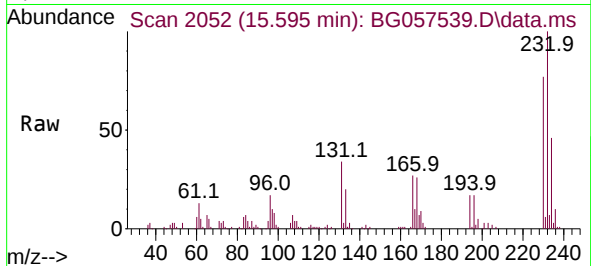
Tgt Ion:166 Resp: 189052
Ion Ratio Lower Upper
166 100
165 99.7 80.1 120.1
167 12.9 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.355 ng m
RT: 15.595 min Scan# 2052
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

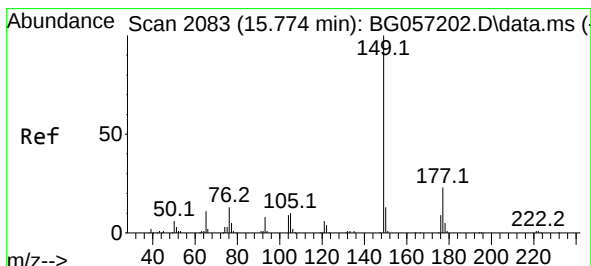
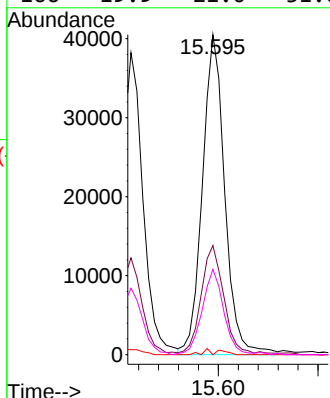
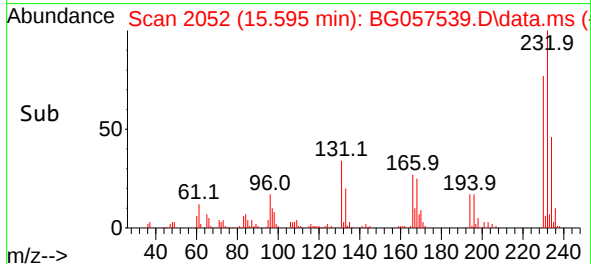
Instrument :
BNA_G
ClientSampleId :
TP19MS



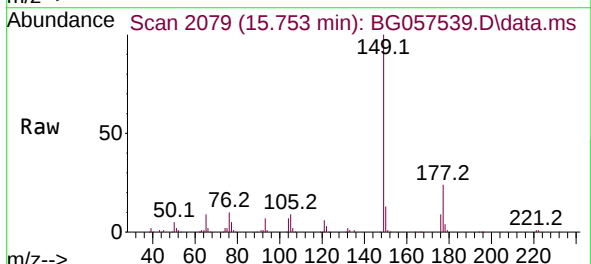
Tgt Ion:232 Resp: 63071
Ion Ratio Lower Upper
232 100
131 29.1 28.6 42.8
130 1.6 1.6 2.4
166 19.9 21.0 31.6#

Manual Integrations
APPROVED

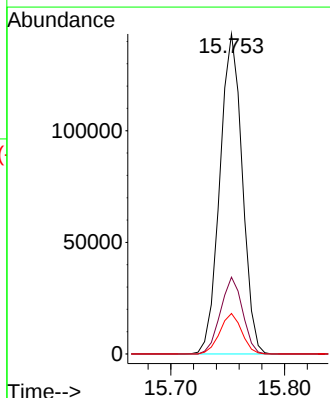
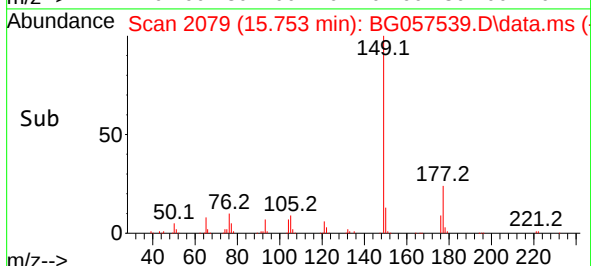
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

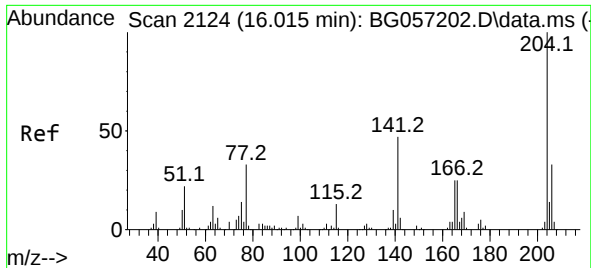


#60
Diethylphthalate
Concen: 45.893 ng
RT: 15.753 min Scan# 2079
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11



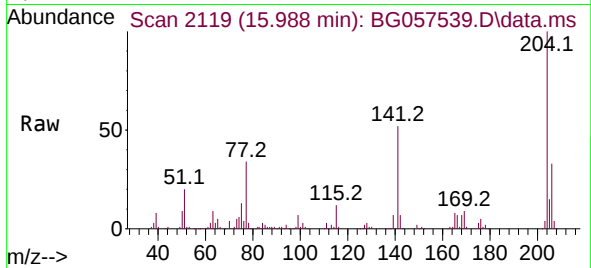
Tgt Ion:149 Resp: 196283
Ion Ratio Lower Upper
149 100
177 24.0 18.3 27.5
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 45.021 ng
RT: 15.988 min Scan# 2119
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

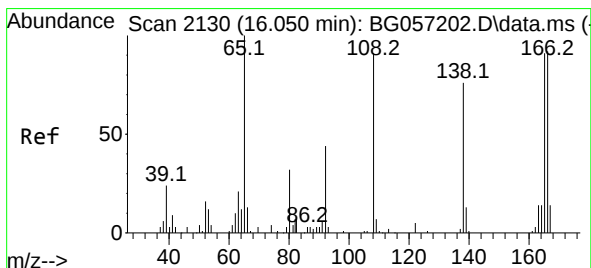
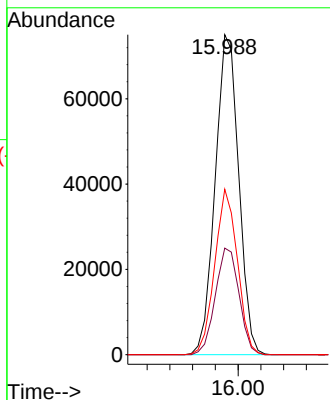
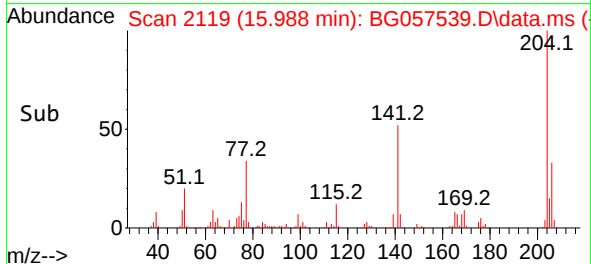
Instrument :
BNA_G
ClientSampleId :
TP19MS



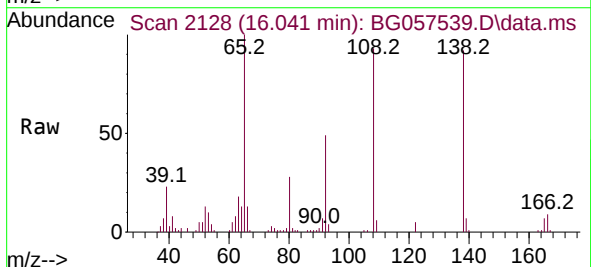
Tgt Ion:204 Resp: 10776
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 51.7 37.4 56.0

Manual Integrations
APPROVED

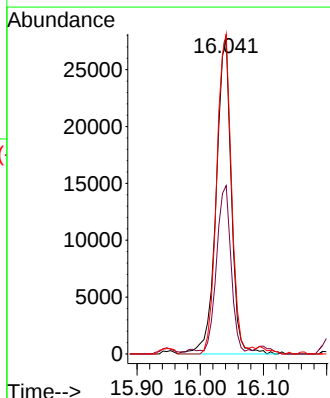
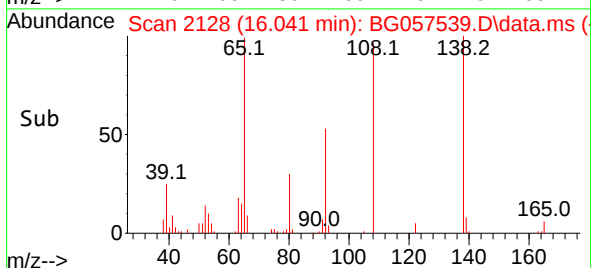
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

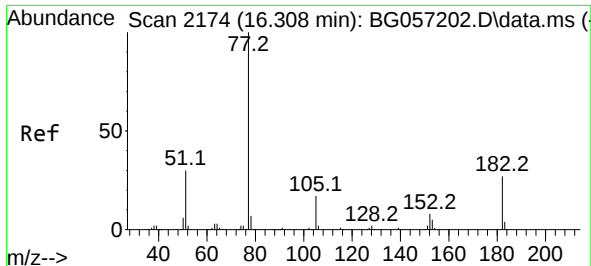


#62
4-Nitroaniline
Concen: 53.262 ng
RT: 16.041 min Scan# 2128
Delta R.T. -0.003 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11



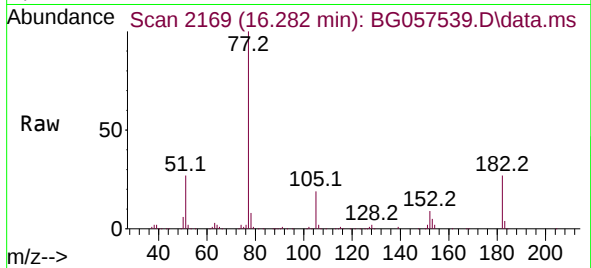
Tgt Ion:138 Resp: 46287
Ion Ratio Lower Upper
138 100
92 53.3 38.2 78.2
108 101.4 99.6 139.6





#63
Azobenzene
Concen: 47.301 ng
RT: 16.282 min Scan# 2174
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

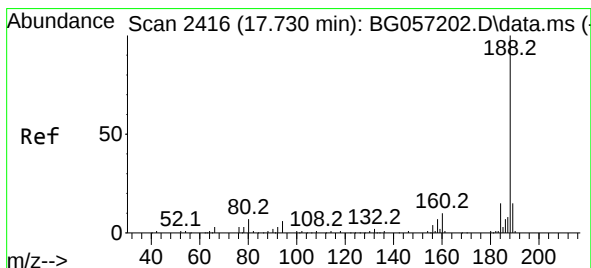
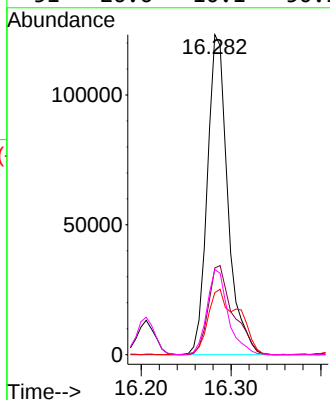
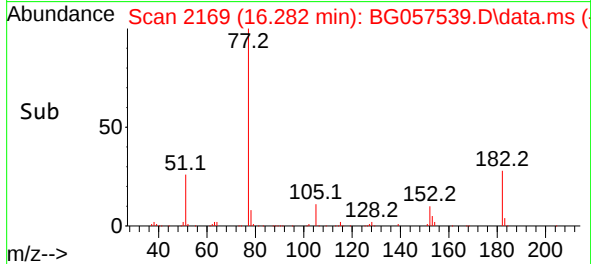
Instrument :
BNA_G
ClientSampleId :
TP19MS



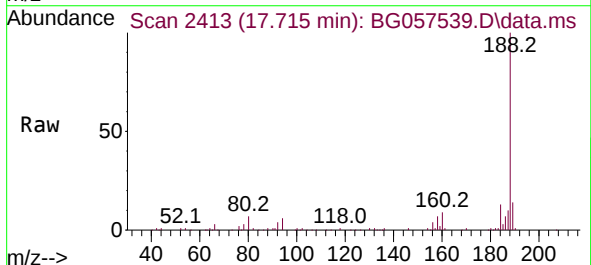
Tgt Ion: 77 Resp: 19519
Ion Ratio Lower Upper
77 100
182 27.1 7.4 47.4
105 19.4 0.0 37.2
51 26.6 10.1 50.1

Manual Integrations
APPROVED

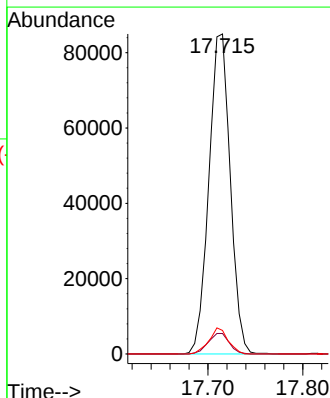
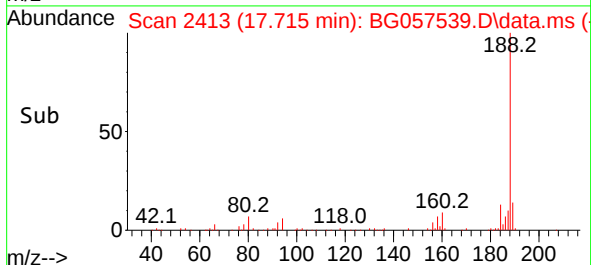
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

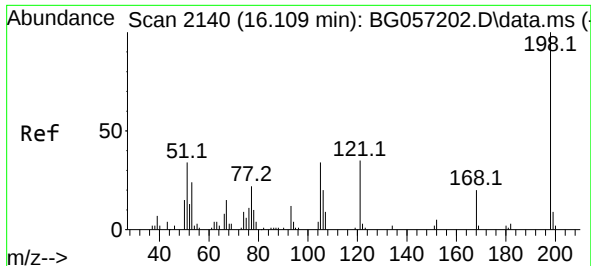


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.715 min Scan# 2413
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11



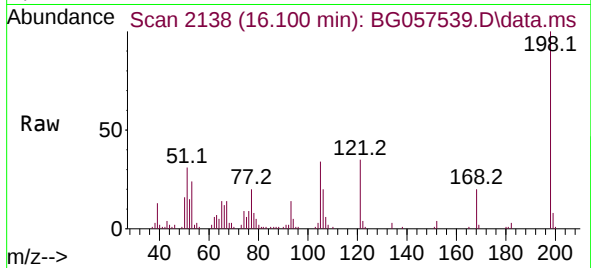
Tgt Ion:188 Resp: 133079
Ion Ratio Lower Upper
188 100
94 6.4 5.1 7.7
80 7.3 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 56.760 ng
RT: 16.100 min Scan# 2140
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

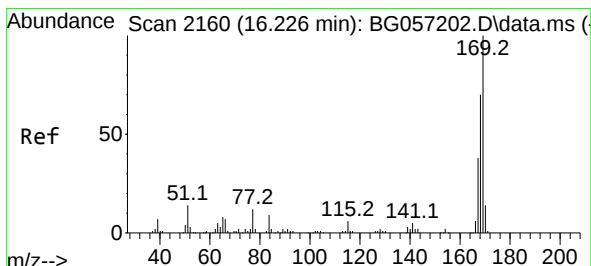
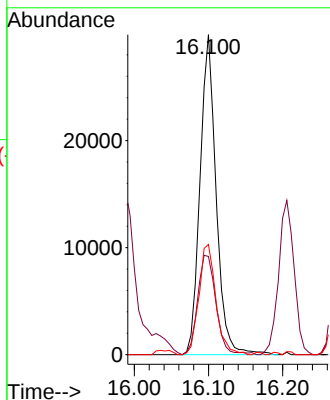
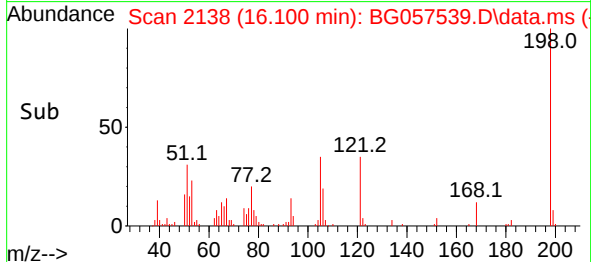
Instrument :
BNA_G
ClientSampleId :
TP19MS



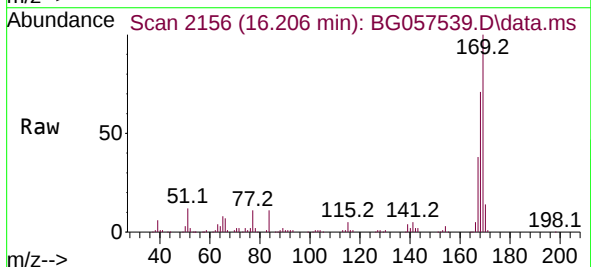
Tgt Ion:198 Resp: 45098
Ion Ratio Lower Upper
198 100
51 30.7 16.1 56.1
105 34.4 14.0 54.0

Manual Integrations
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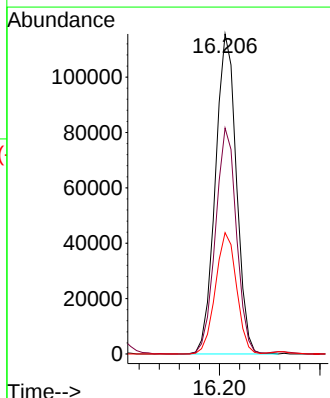
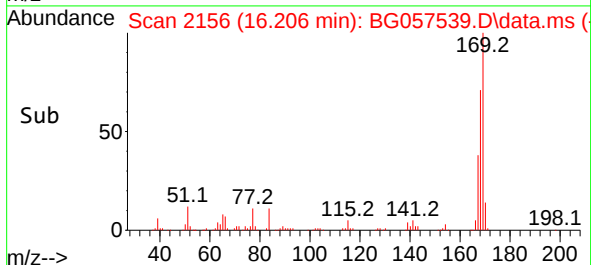
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#66
n-Nitrosodiphenylamine
Concen: 46.352 ng
RT: 16.206 min Scan# 2156
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11



Tgt Ion:169 Resp: 167535
Ion Ratio Lower Upper
169 100
168 70.6 56.2 84.4
167 37.9 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 44.547 ng
RT: 16.887 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Instrument :

BNA_G

ClientSampleId :

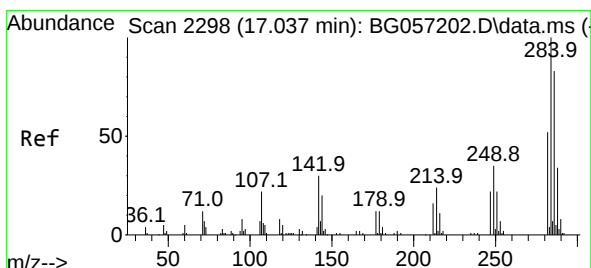
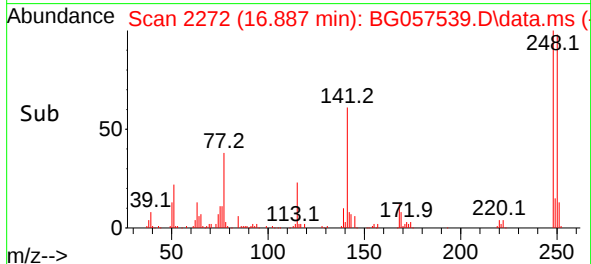
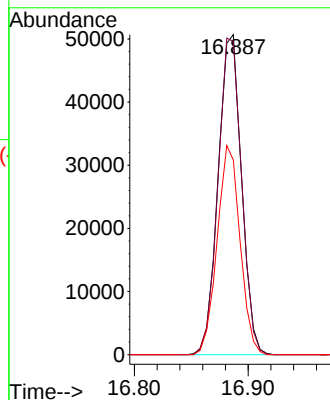
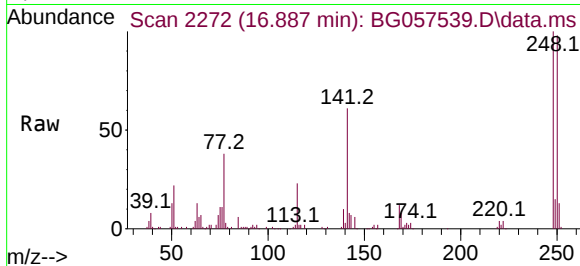
TP19MS

Tgt Ion:248 Resp: 72369
Ion Ratio Lower Upper
248 100
250 97.9 77.0 115.6
141 60.8 48.6 72.8

Manual Integrations

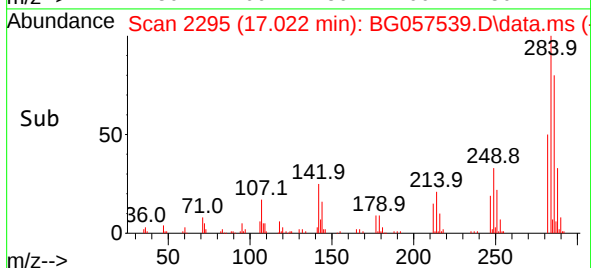
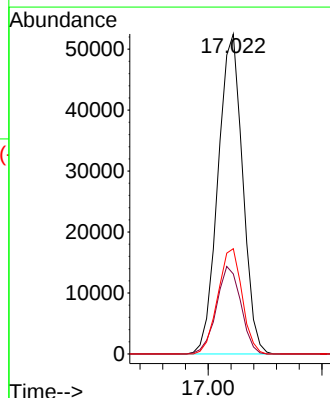
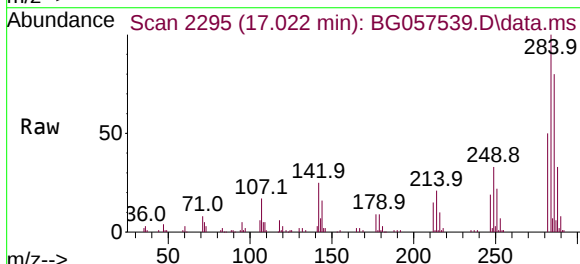
APPROVED

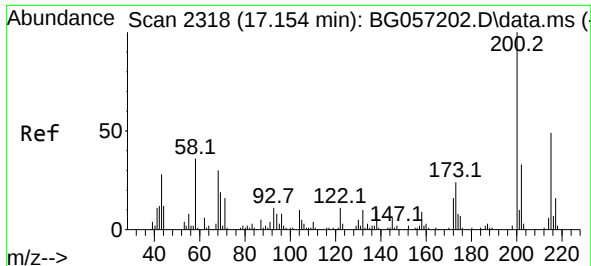
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#68
Hexachlorobenzene
Concen: 49.975 ng
RT: 17.022 min Scan# 2295
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

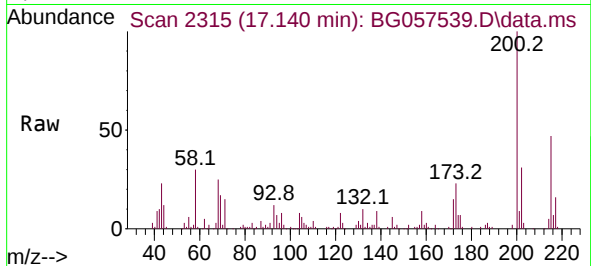
Tgt Ion:284 Resp: 78896
Ion Ratio Lower Upper
284 100
142 25.0 23.9 35.9
249 32.9 27.7 41.5





#69
 Atrazine
 Concen: 60.073 ng
 RT: 17.140 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG057539.D
 Acq: 24 May 2023 18:11

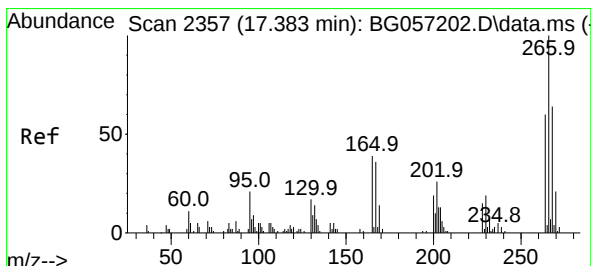
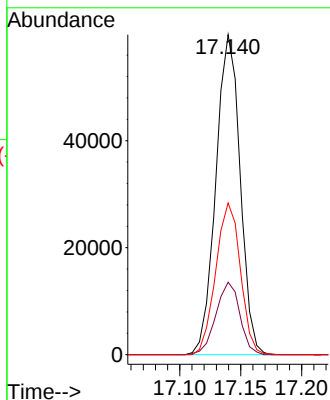
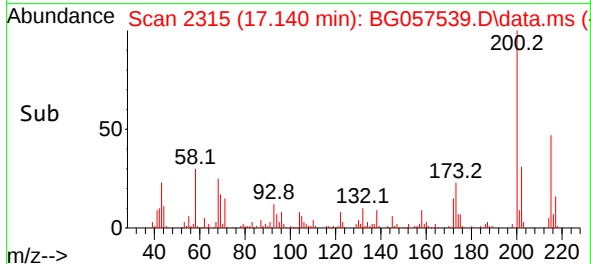
Instrument :
 BNA_G
 ClientSampleId :
 TP19MS



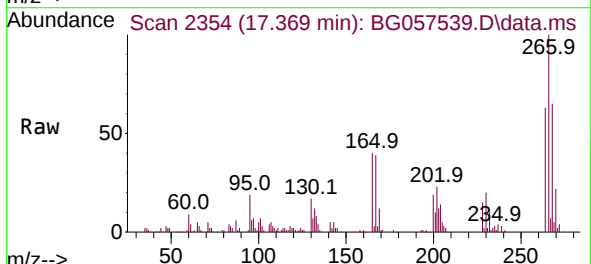
Tgt Ion:200 Resp: 82828
 Ion Ratio Lower Upper
 200 100
 173 22.7 4.3 44.3
 215 47.4 29.3 69.3

Manual Integrations
 APPROVED

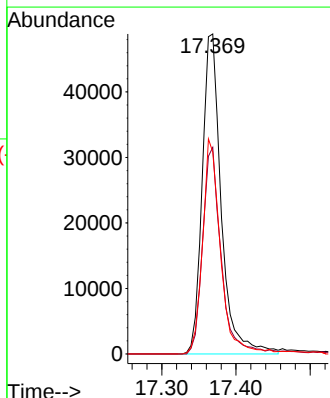
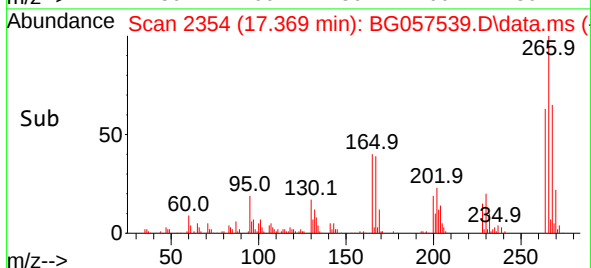
Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023

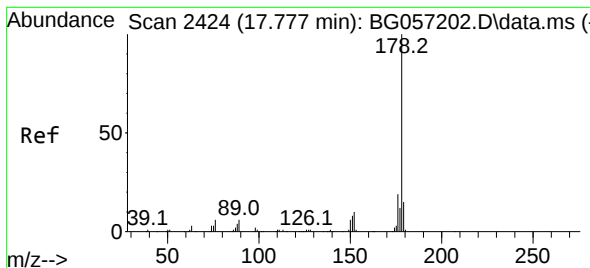


#70
 Pentachlorophenol
 Concen: 95.614 ng
 RT: 17.369 min Scan# 2354
 Delta R.T. -0.008 min
 Lab File: BG057539.D
 Acq: 24 May 2023 18:11



Tgt Ion:266 Resp: 86993
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.0 76.6
 264 63.1 47.8 71.6





#71

Phenanthrene

Concen: 48.443 ng

RT: 17.756 min Scan# 2424

Delta R.T. -0.008 min

Lab File: BG057539.D

Acq: 24 May 2023 18:11

Instrument :

BNA_G

ClientSampleId :

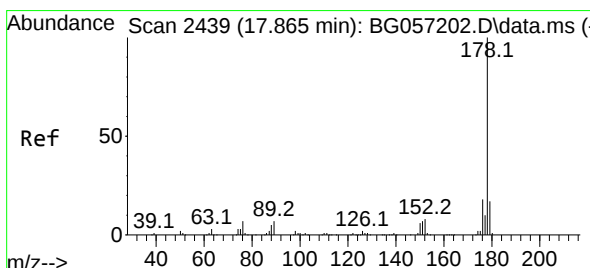
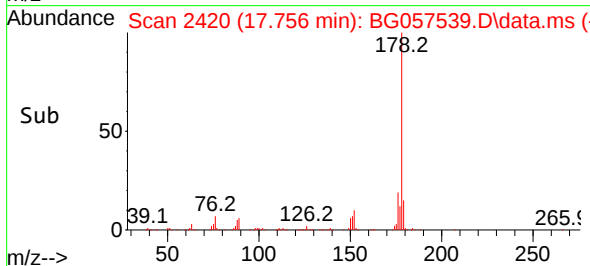
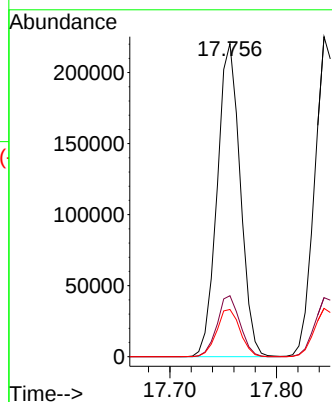
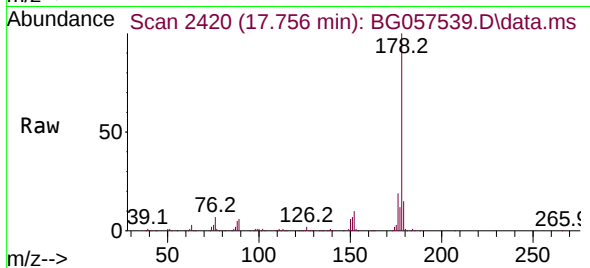
TP19MS

Tgt Ion:178 Resp: 33034
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.1 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#72

Anthracene

Concen: 48.214 ng

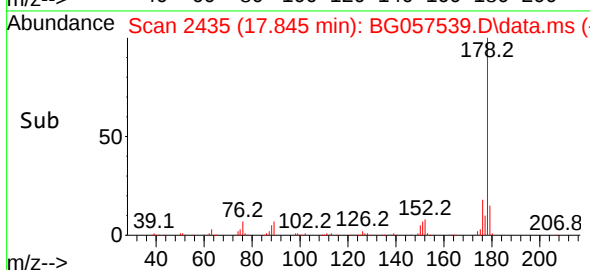
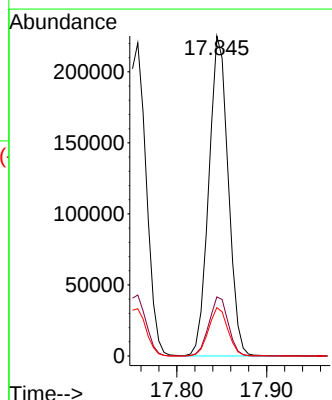
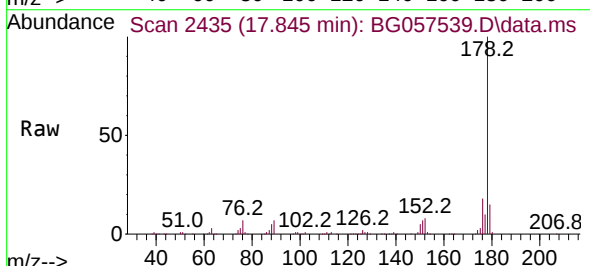
RT: 17.845 min Scan# 2435

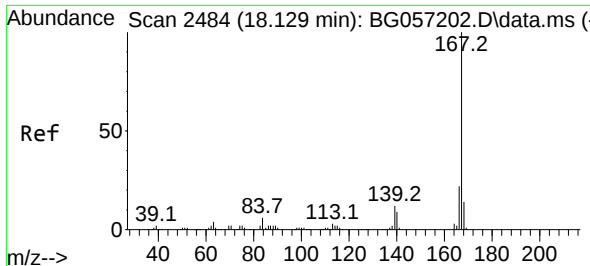
Delta R.T. -0.008 min

Lab File: BG057539.D

Acq: 24 May 2023 18:11

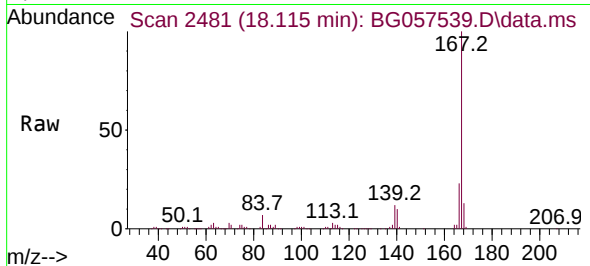
Tgt Ion:178 Resp: 337360
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.7 22.1
 179 15.1 13.2 19.8





#73
Carbazole
Concen: 52.464 ng
RT: 18.115 min Scan# 2481
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

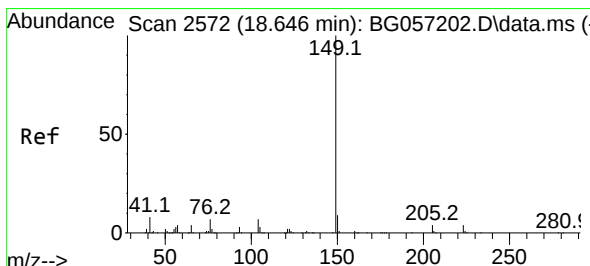
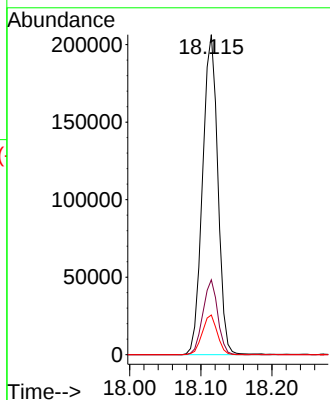
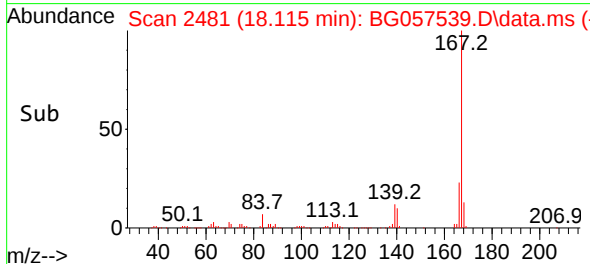
Instrument :
BNA_G
ClientSampleId :
TP19MS



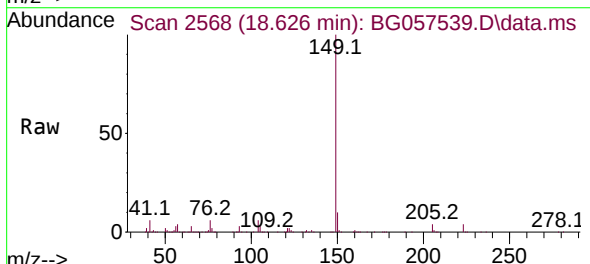
Tgt Ion:167 Resp: 309045
Ion Ratio Lower Upper
167 100
166 23.4 17.4 26.0
139 12.4 9.6 14.4

Manual Integrations
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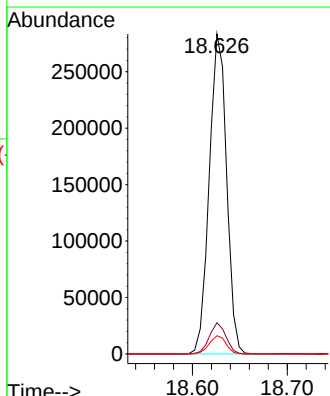
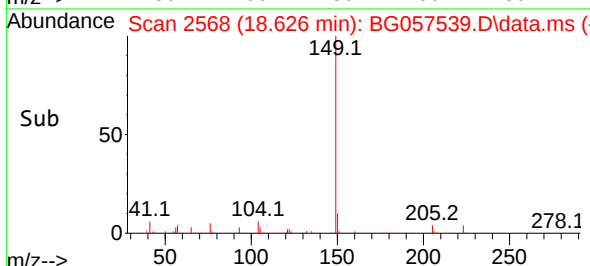
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

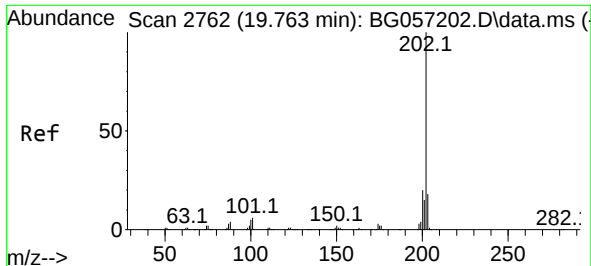


#74
Di-n-butylphthalate
Concen: 53.073 ng
RT: 18.626 min Scan# 2568
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11



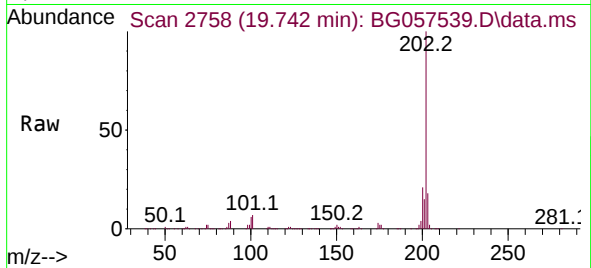
Tgt Ion:149 Resp: 359701
Ion Ratio Lower Upper
149 100
150 9.8 7.3 10.9
104 5.7 5.4 8.2





#75
Fluoranthene
Concen: 50.200 ng
RT: 19.742 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

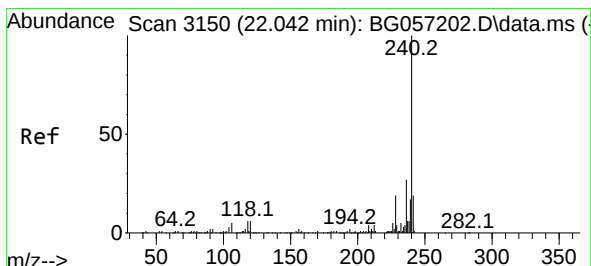
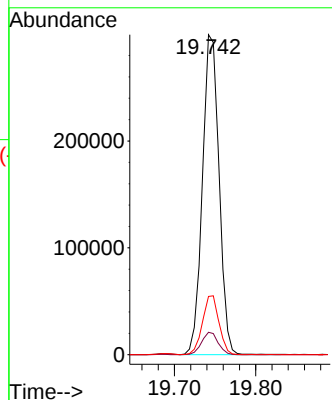
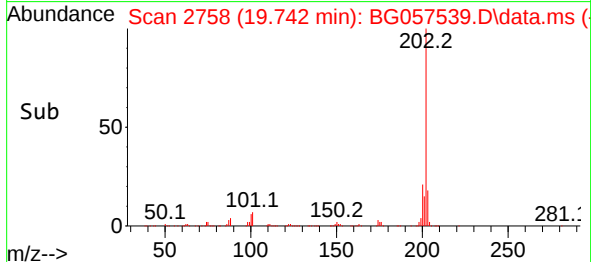
Instrument :
BNA_G
ClientSampleId :
TP19MS



Tgt Ion:202 Resp: 42576
Ion Ratio Lower Upper
202 100
101 7.0 0.0 26.2
203 18.2 0.0 37.9

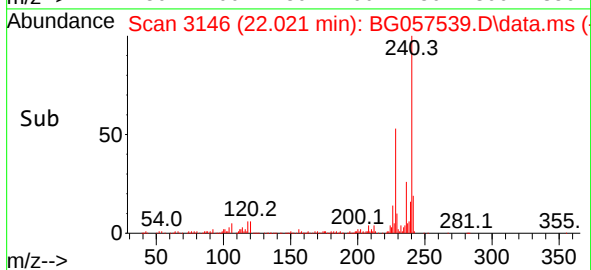
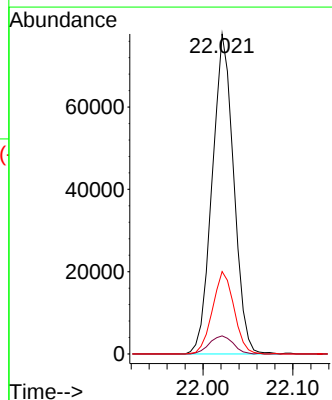
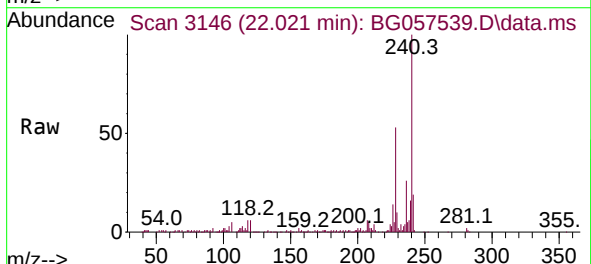
Manual Integrations
APPROVED

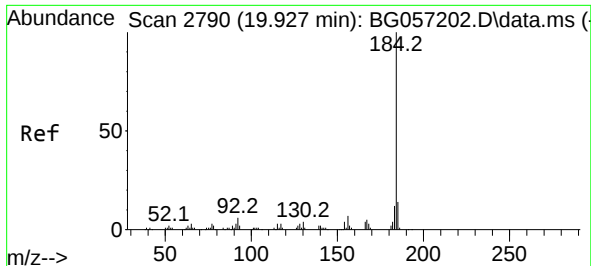
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.021 min Scan# 3146
Delta R.T. -0.014 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

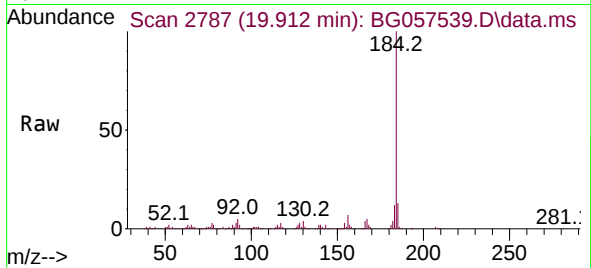
Tgt Ion:240 Resp: 129365
Ion Ratio Lower Upper
240 100
120 5.7 4.9 7.3
236 25.8 21.4 32.2





#77
Benzidine
Concen: 77.280 ng
RT: 19.912 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

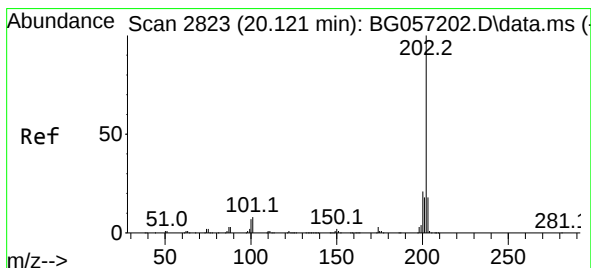
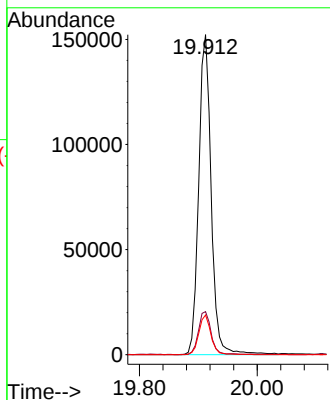
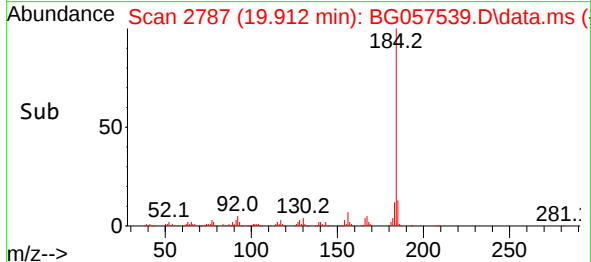
Instrument :
BNA_G
ClientSampleId :
TP19MS



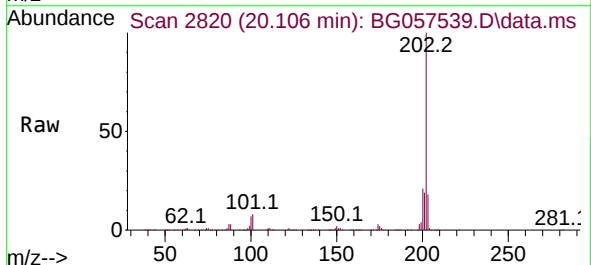
Tgt Ion:184 Resp: 223500
Ion Ratio Lower Upper
184 100
185 13.5 11.1 16.7
183 12.4 9.9 14.9

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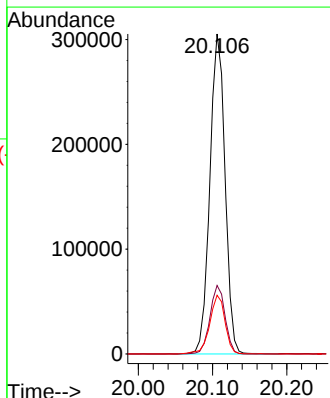
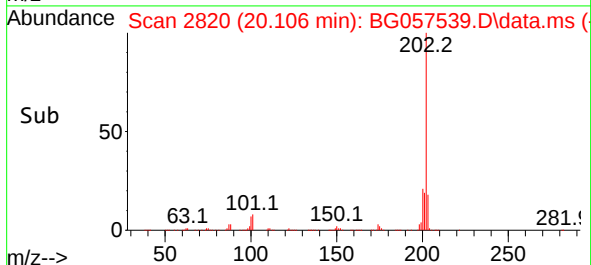
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

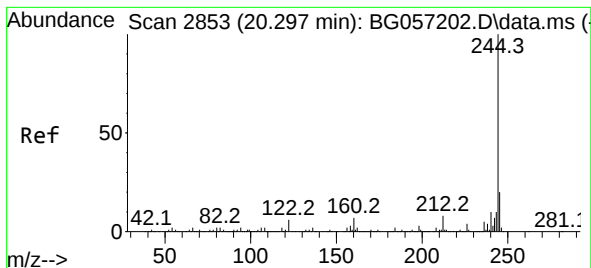


#78
Pyrene
Concen: 46.187 ng
RT: 20.106 min Scan# 2820
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11



Tgt Ion:202 Resp: 434174
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 18.4 14.2 21.4





#79

Terphenyl-d14

Concen: 67.470 ng

RT: 20.276 min Scan# 21

Delta R.T. -0.014 min

Lab File: BG057539.D

Acq: 24 May 2023 18:11

Instrument :

BNA_G

ClientSampleId :

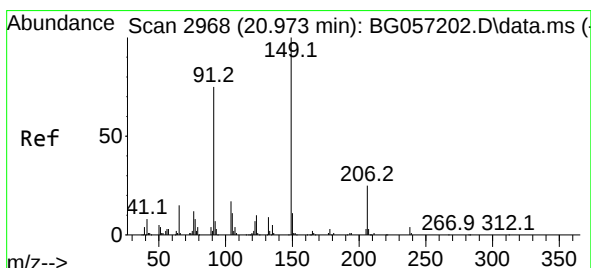
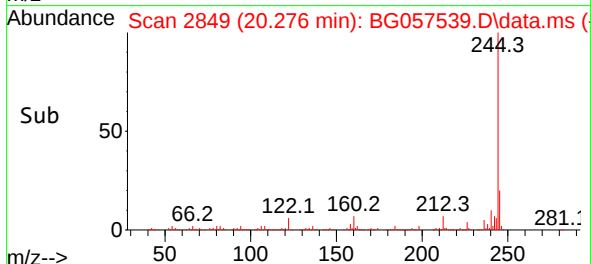
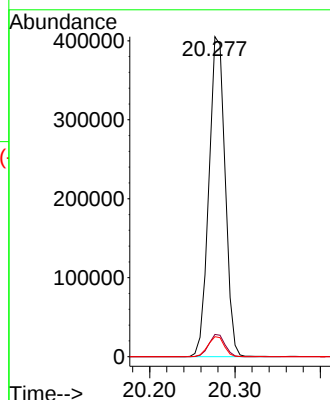
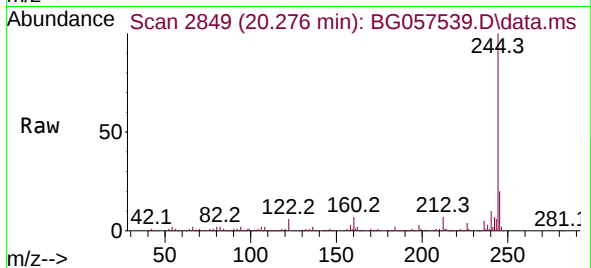
TP19MS

Tgt Ion:244 Resp: 534844
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 6.3 5.1 7.7

Manual Integrations

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Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#80

Butylbenzylphthalate

Concen: 53.971 ng

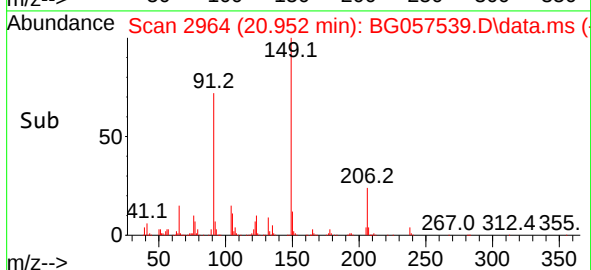
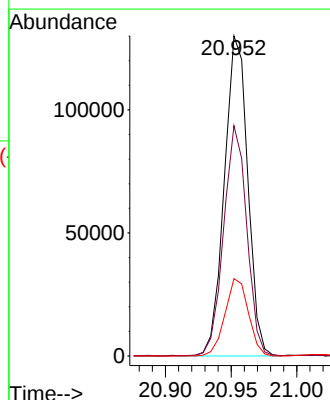
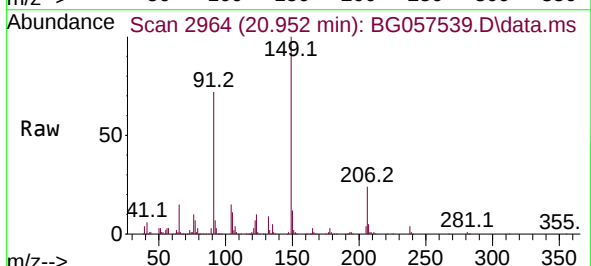
RT: 20.952 min Scan# 2964

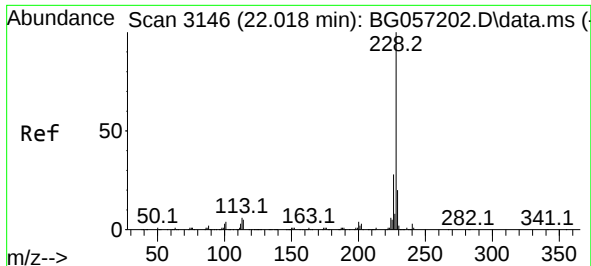
Delta R.T. -0.008 min

Lab File: BG057539.D

Acq: 24 May 2023 18:11

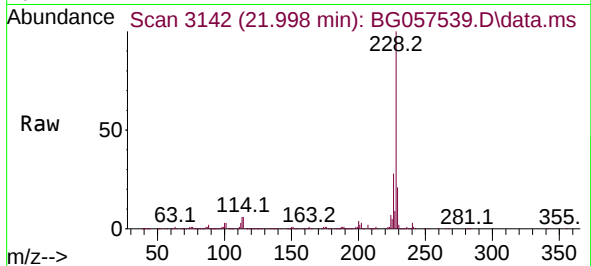
Tgt Ion:149 Resp: 160978
 Ion Ratio Lower Upper
 149 100
 91 71.9 59.7 89.5
 206 24.2 19.7 29.5





#81
Benzo(a)anthracene
Concen: 47.033 ng
RT: 21.998 min Scan# 3146
Delta R.T. -0.014 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

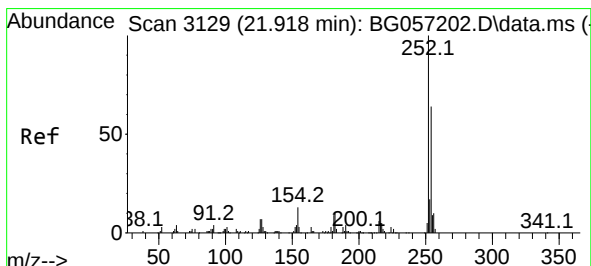
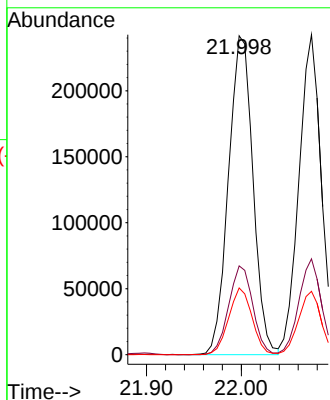
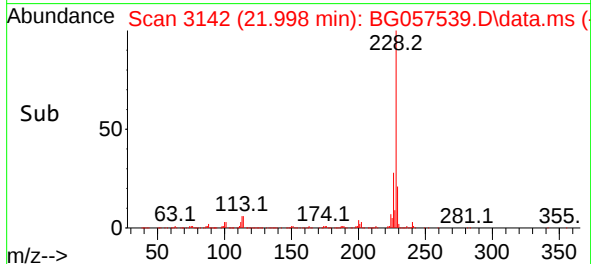
Instrument :
BNA_G
ClientSampleId :
TP19MS



Tgt Ion:228 Resp: 433498
Ion Ratio Lower Upper
228 100
226 27.9 22.0 33.0
229 20.9 15.8 23.8

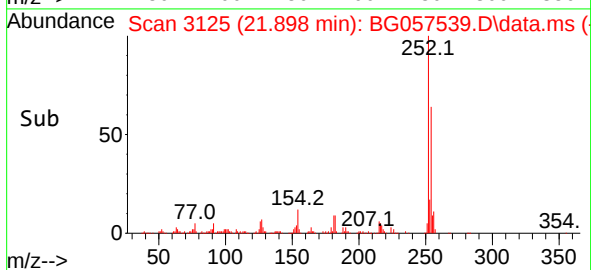
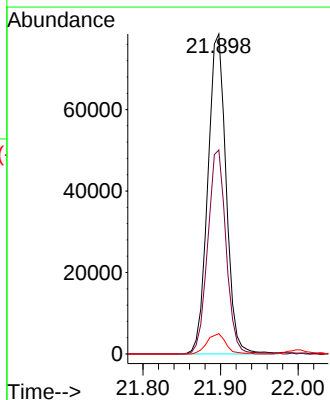
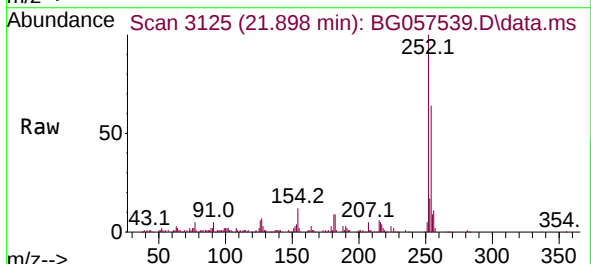
Manual Integrations
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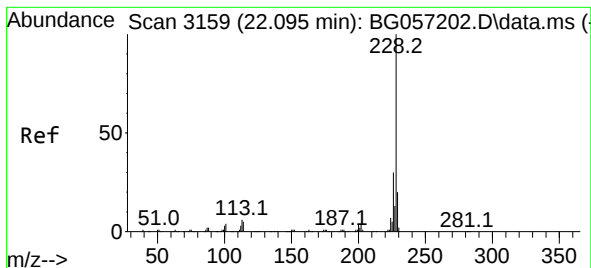
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#82
3,3'-Dichlorobenzidine
Concen: 43.662 ng
RT: 21.898 min Scan# 3125
Delta R.T. -0.008 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

Tgt Ion:252 Resp: 128898
Ion Ratio Lower Upper
252 100
254 63.7 51.4 77.0
126 6.3 5.9 8.9





#83

Chrysene

Concen: 45.847 ng

RT: 22.074 min Scan# 3155

Delta R.T. -0.008 min

Lab File: BG057539.D

Acq: 24 May 2023 18:11

Instrument :

BNA_G

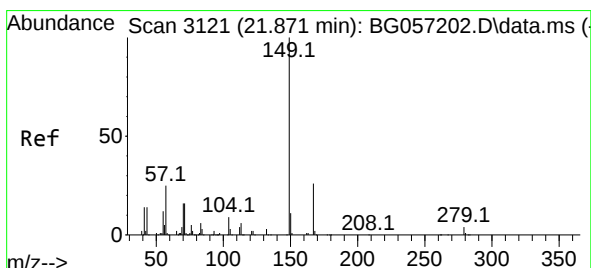
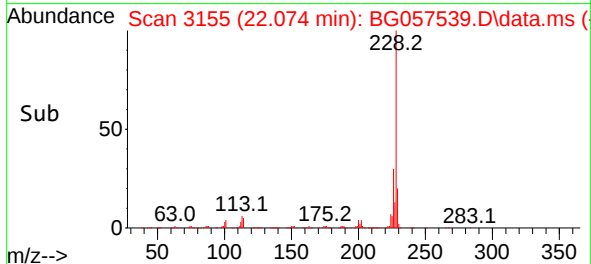
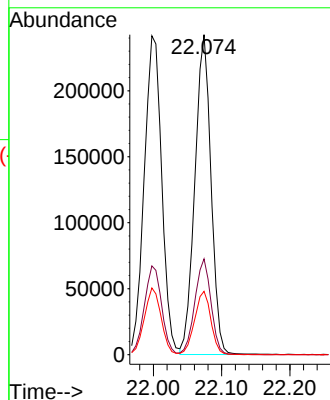
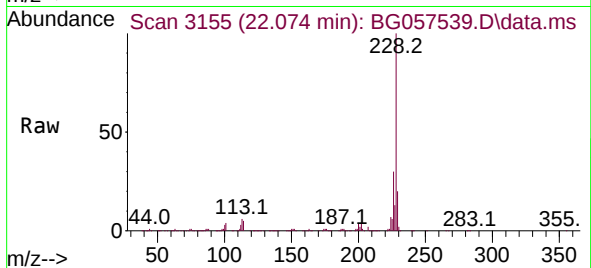
ClientSampleId :

TP19MS

Tgt Ion:228 Resp: 397584
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.3 36.5
 229 19.8 15.9 23.9

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.173 ng

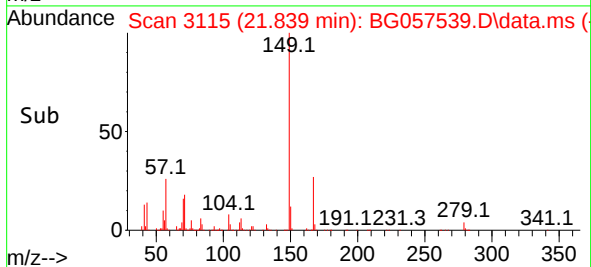
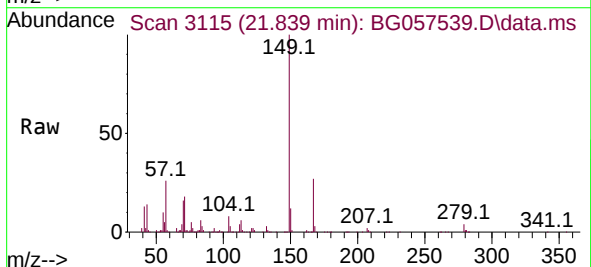
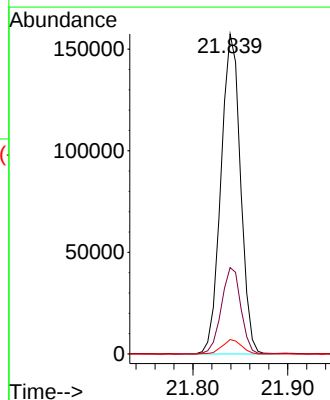
RT: 21.839 min Scan# 3115

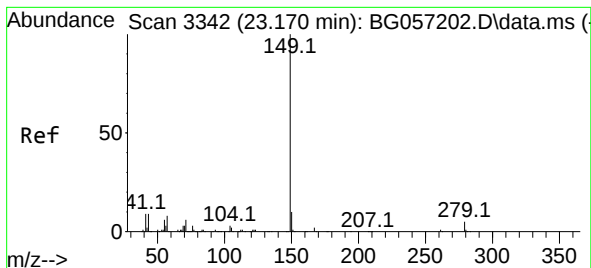
Delta R.T. -0.008 min

Lab File: BG057539.D

Acq: 24 May 2023 18:11

Tgt Ion:149 Resp: 225832
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.2 31.8
 279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 52.191 ng

RT: 23.131 min Scan# 31

Delta R.T. -0.014 min

Lab File: BG057539.D

Acq: 24 May 2023 18:11

Instrument :

BNA_G

ClientSampleId :

TP19MS

Tgt Ion:149 Resp: 383980

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

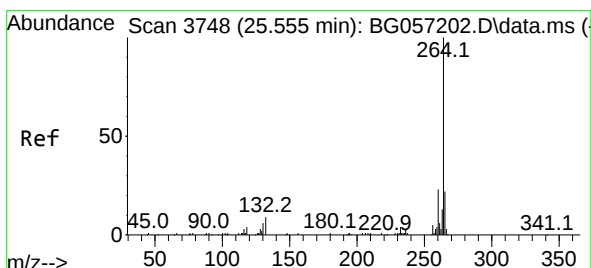
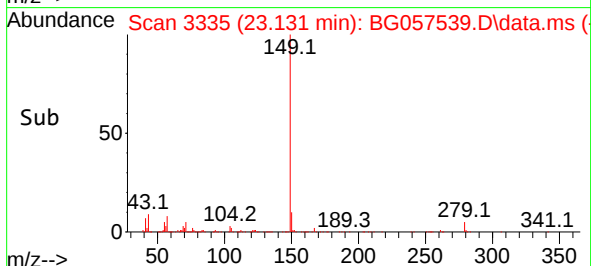
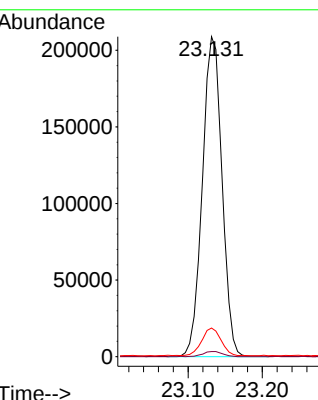
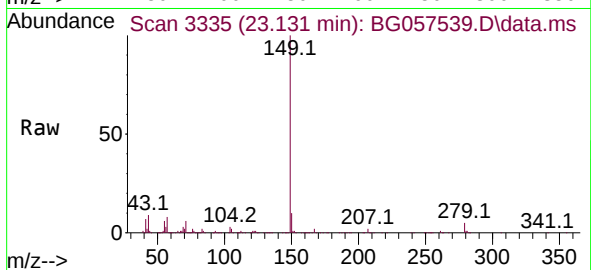
43 8.6 7.8 11.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/25/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.522 min Scan# 3742

Delta R.T. -0.020 min

Lab File: BG057539.D

Acq: 24 May 2023 18:11

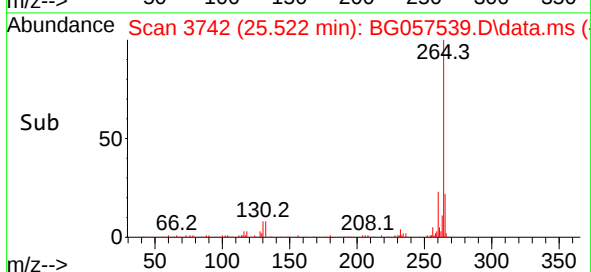
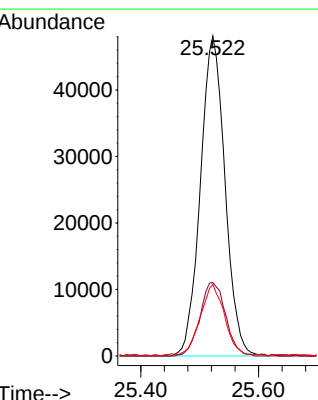
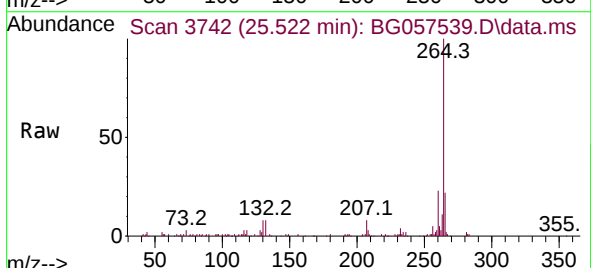
Tgt Ion:264 Resp: 139345

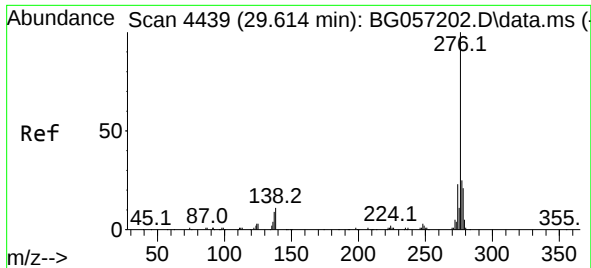
Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

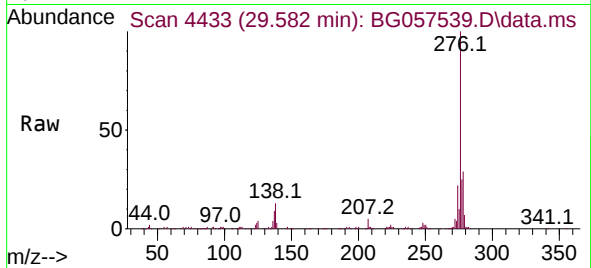
265 22.4 17.9 26.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.673 ng
RT: 29.582 min Scan# 4439
Delta R.T. -0.038 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

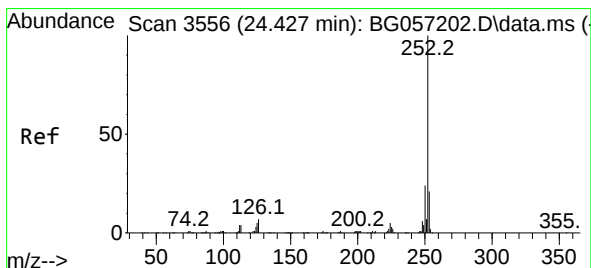
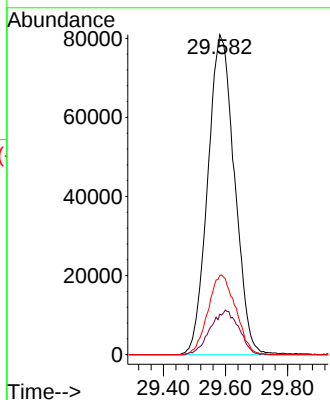
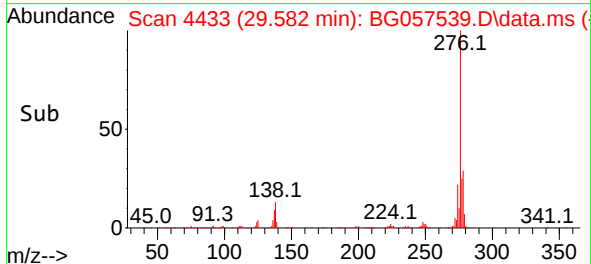
Instrument :
BNA_G
ClientSampleId :
TP19MS



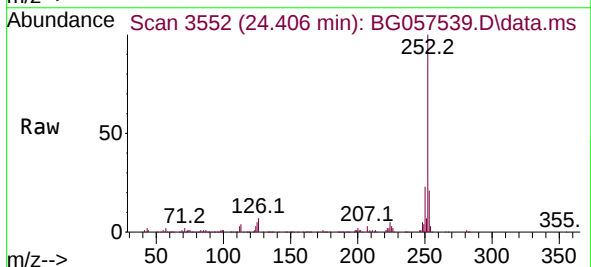
Tgt Ion: 276 Resp: 484150
Ion Ratio Lower Upper
276 100
138 14.8 5.4 8.0
277 25.9 20.6 30.8

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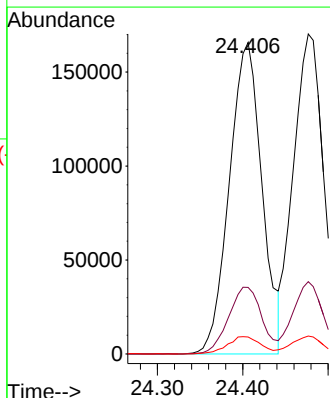
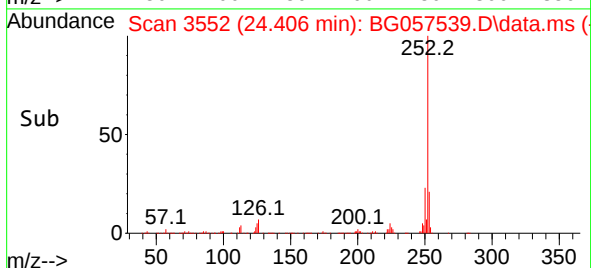
Reviewed By : Christian Giraldo 05/25/2023
Supervised By : Jagrut Upadhyay 05/25/2023

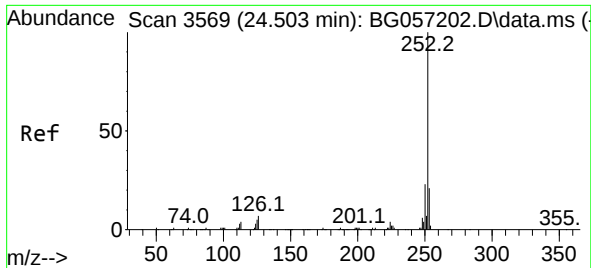


#88
Benzo(b)fluoranthene
Concen: 48.322 ng
RT: 24.406 min Scan# 3552
Delta R.T. -0.014 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11



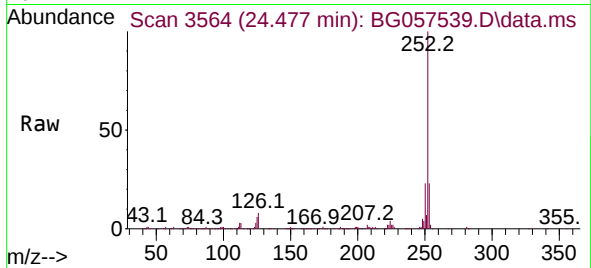
Tgt Ion: 252 Resp: 440163
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 5.4 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 45.263 ng
RT: 24.477 min Scan# 3115
Delta R.T. -0.020 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

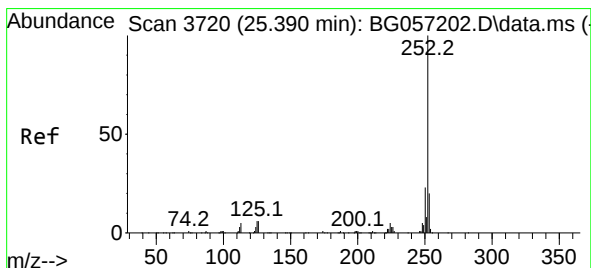
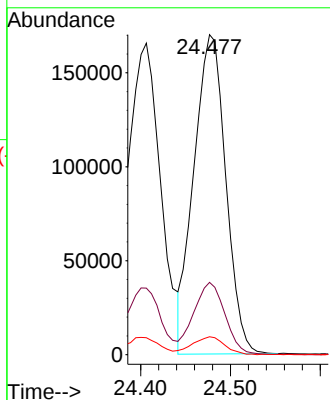
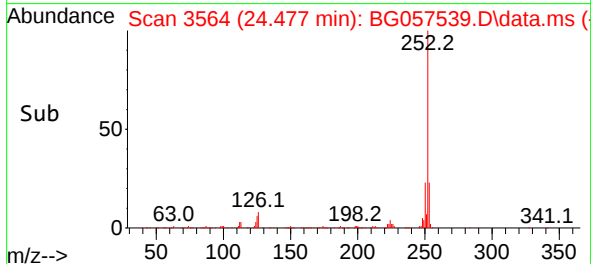
Instrument :
BNA_G
ClientSampleId :
TP19MS



Tgt Ion:252 Resp: 418964
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 5.6 4.1 6.1

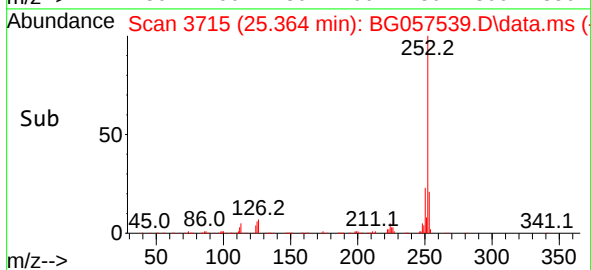
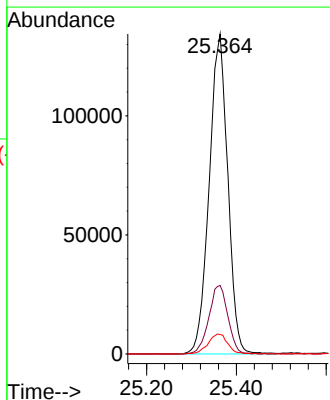
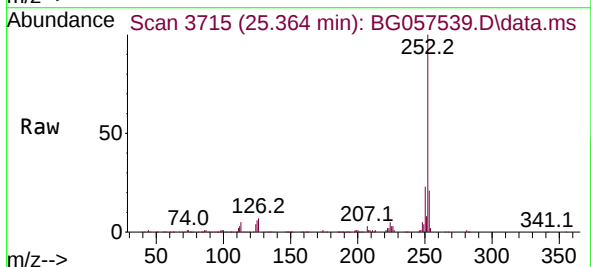
Manual Integrations
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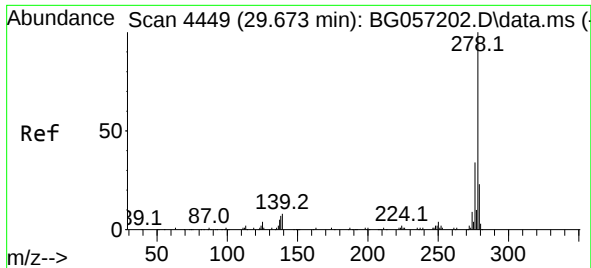
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#90
Benzo(a)pyrene
Concen: 43.342 ng
RT: 25.364 min Scan# 3715
Delta R.T. -0.020 min
Lab File: BG057539.D
Acq: 24 May 2023 18:11

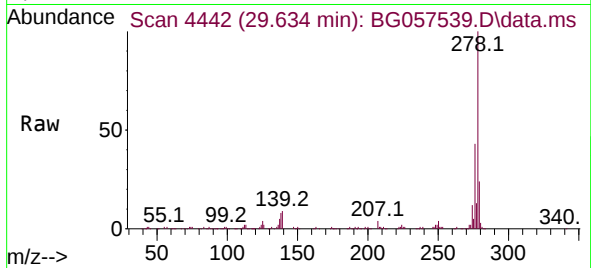
Tgt Ion:252 Resp: 385705
Ion Ratio Lower Upper
252 100
253 21.4 16.3 24.5
125 6.0 5.0 7.4





#91
 Dibenzo(a,h)anthracene
 Concen: 47.906 ng
 RT: 29.634 min Scan# 4449
 Delta R.T. -0.026 min
 Lab File: BG057539.D
 Acq: 24 May 2023 18:11

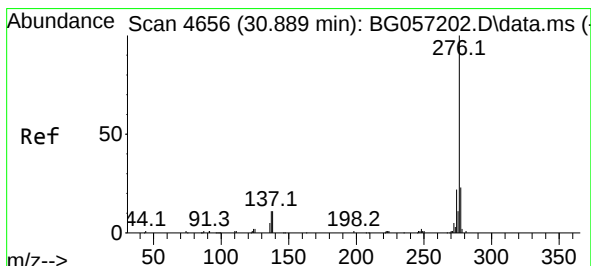
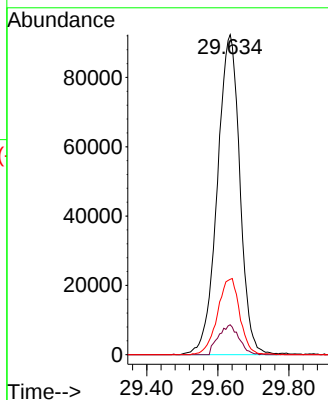
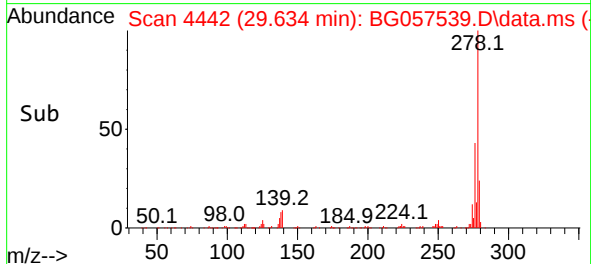
Instrument :
 BNA_G
 ClientSampleId :
 TP19MS



Tgt Ion:278 Resp: 405172
 Ion Ratio Lower Upper
 278 100
 139 9.4 6.2 9.2
 279 23.6 18.6 27.8

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#92
 Benzo(g,h,i)perylene
 Concen: 47.219 ng
 RT: 30.856 min Scan# 4650
 Delta R.T. -0.038 min
 Lab File: BG057539.D
 Acq: 24 May 2023 18:11

Tgt Ion:276 Resp: 389942
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.4 27.6
 138 11.9 9.0 13.4

