

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
 Data File : BG057540.D
 Acq On : 24 May 2023 18:53
 Operator : CG/JU
 Sample : 02869-11MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP19MSD

Quant Time: May 25 02:25:52 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	18374	20.000	ng	-0.01
21) Naphthalene-d8	11.192	136	71055	20.000	ng	-0.01
39) Acenaphthene-d10	14.975	164	49113	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	126298	20.000	ng	-0.01
76) Chrysene-d12	22.019	240	125138	20.000	ng	-0.02
86) Perylene-d12	25.514	264	136308	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	118274	110.113	ng	0.00
7) Phenol-d6	7.503	99	170966	104.817	ng	0.00
23) Nitrobenzene-d5	9.536	82	104635	61.806	ng	-0.01
42) 2,4,6-Tribromophenol	16.456	330	82601	118.533	ng	-0.01
45) 2-Fluorobiphenyl	13.595	172	242582	66.522	ng	-0.01
79) Terphenyl-d14	20.280	244	525006	68.466	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.673	88	19313	43.486	ng	97
3) Pyridine	4.096	79	53125	37.221	ng	96
4) n-Nitrosodimethylamine	4.008	42	27641	41.211	ng	# 83
6) Aniline	7.667	93	80078	38.700	ng	96
8) 2-Chlorophenol	7.920	128	60267	53.099	ng	100
9) Benzaldehyde	7.479	77	42442	50.981	ng	98
10) Phenol	7.532	94	78490	49.364	ng	95
11) bis(2-Chloroethyl)ether	7.756	93	55297	46.120	ng	99
12) 1,3-Dichlorobenzene	8.243	146	66336	52.955	ng	96
13) 1,4-Dichlorobenzene	8.390	146	66347	52.728	ng	98
14) 1,2-Dichlorobenzene	8.719	146	63659	52.407	ng	96
15) Benzyl Alcohol	8.596	79	59984	44.144	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.878	45	67610m	44.740	ng	
17) 2-Methylphenol	8.795	107	52623	45.912	ng	97
18) Hexachloroethane	9.453	117	23865	52.556	ng	98
19) n-Nitroso-di-n-propyla...	9.160	70	48793	39.231	ng	97
20) 3+4-Methylphenols	9.124	107	71063	45.279	ng	95
22) Acetophenone	9.189	105	92528	45.498	ng	# 95
24) Nitrobenzene	9.577	77	73688	43.124	ng	94
25) Isophorone	10.099	82	129552	39.464	ng	99
26) 2-Nitrophenol	10.299	139	33028	50.497	ng	98
27) 2,4-Dimethylphenol	10.340	122	57809	50.476	ng	98
28) bis(2-Chloroethoxy)met...	10.569	93	71759	43.633	ng	98
29) 2,4-Dichlorophenol	10.840	162	62358	51.335	ng	94
30) 1,2,4-Trichlorobenzene	11.051	180	67815	48.403	ng	99
31) Naphthalene	11.245	128	178199	46.911	ng	99
32) Benzoic acid	10.499	122	35795	53.591	ng	95
33) 4-Chloroaniline	11.351	127	63609	37.287	ng	97
34) Hexachlorobutadiene	11.515	225	47230	45.431	ng	97
35) Caprolactam	12.126	113	20638m	49.738	ng	
36) 4-Chloro-3-methylphenol	12.449	107	65605	47.525	ng	95
37) 2-Methylnaphthalene	12.825	142	130198	43.593	ng	92
38) 1-Methylnaphthalene	13.043	142	121130	43.028	ng	97
40) 1,2,4,5-Tetrachloroben...	13.184	216	89194	51.156	ng	98
41) Hexachlorocyclopentadiene	13.154	237	70844	84.176	ng	97
43) 2,4,6-Trichlorophenol	13.424	196	55842	52.570	ng	94

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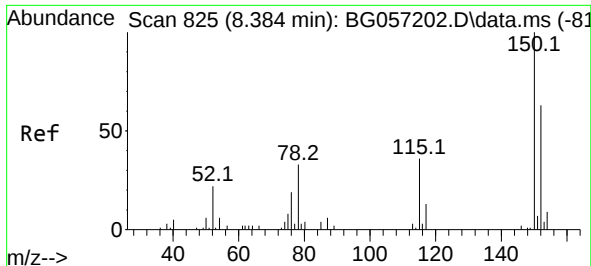
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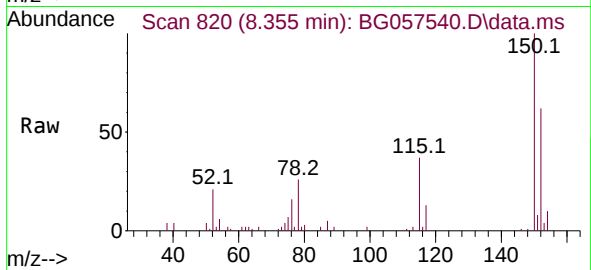
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.501	196	60851	48.701	ng	99
46) 1,1'-Biphenyl	13.806	154	179683	49.304	ng	99
47) 2-Chloronaphthalene	13.859	162	139301	51.402	ng	99
48) 2-Nitroaniline	14.059	65	45458	49.332	ng	96
49) Acenaphthylene	14.699	152	216712	49.222	ng	99
50) Dimethylphthalate	14.411	163	181432	44.955	ng	99
51) 2,6-Dinitrotoluene	14.541	165	41613	50.500	ng	85
52) Acenaphthene	15.040	154	132041	47.994	ng	98
53) 3-Nitroaniline	14.875	138	33779	40.918	ng	90
54) 2,4-Dinitrophenol	15.093	184	55411	106.827	ng	96
55) Dibenzofuran	15.369	168	218589	47.288	ng	98
56) 4-Nitrophenol	15.187	139	64005	116.574	ng	91
57) 2,4-Dinitrotoluene	15.334	165	59976	50.928	ng	# 92
58) Fluorene	16.015	166	179614	47.173	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.592	232	59446	52.476	ng	99
60) Diethylphthalate	15.751	149	188203	45.919	ng	100
61) 4-Chlorophenyl-phenyle...	15.991	204	103464	45.106	ng	96
62) 4-Nitroaniline	16.038	138	43653	52.417	ng	91
63) Azobenzene	16.285	77	188262	47.606	ng	95
65) 4,6-Dinitro-2-methylph...	16.097	198	43285	57.404	ng	97
66) n-Nitrosodiphenylamine	16.203	169	161700	47.139	ng	99
67) 4-Bromophenyl-phenylether	16.884	248	69626	45.159	ng	98
68) Hexachlorobenzene	17.020	284	74447	49.689	ng	95
69) Atrazine	17.137	200	77954	59.574	ng	98
70) Pentachlorophenol	17.366	266	83586	96.802	ng	97
71) Phenanthrene	17.754	178	315747	48.789	ng	99
72) Anthracene	17.848	178	319578	48.125	ng	98
73) Carbazole	18.112	167	302030	54.026	ng	99
74) Di-n-butylphthalate	18.623	149	343732	53.440	ng	98
75) Fluoranthene	19.745	202	410947	51.055	ng	99
77) Benzidine	19.910	184	227142	81.191	ng	99
78) Pyrene	20.104	202	421773	46.383	ng	98
80) Butylbenzylphthalate	20.949	149	156214	54.143	ng	98
81) Benzo(a)anthracene	22.001	228	426965	47.889	ng	99
82) 3,3'-Dichlorobenzidine	21.895	252	128365	44.950	ng	100
83) Chrysene	22.071	228	392125	46.745	ng	100
84) Bis(2-ethylhexyl)phtha...	21.837	149	222673	52.162	ng	99
85) Di-n-octyl phthalate	23.129	149	375005	52.693	ng	98
87) Indeno(1,2,3-cd)pyrene	29.579	276	474201	47.734	ng	# 55
88) Benzo(b)fluoranthene	24.398	252	427582	47.987	ng	98
89) Benzo(k)fluoranthene	24.474	252	423155	46.734	ng	99
90) Benzo(a)pyrene	25.361	252	377229	43.334	ng	97
91) Dibenzo(a,h)anthracene	29.626	278	398895	48.215	ng	99
92) Benzo(g,h,i)perylene	30.854	276	384973	47.656	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.355 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

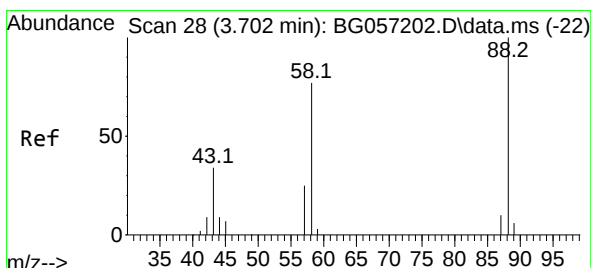
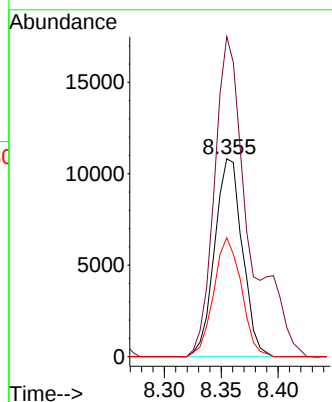
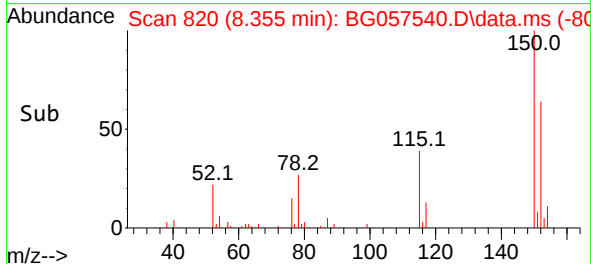
Instrument :
BNA_G
ClientSampleId :
TP19MSD



Tgt Ion:152 Resp: 18374
Ion Ratio Lower Upper
152 100
150 161.7 126.2 189.4
115 60.1 45.0 67.4

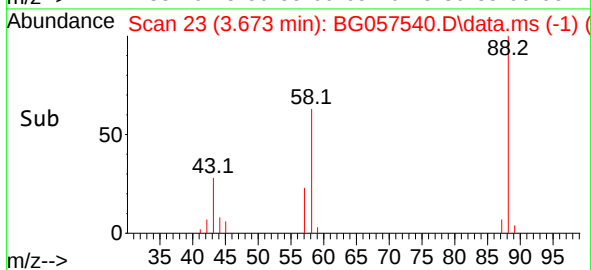
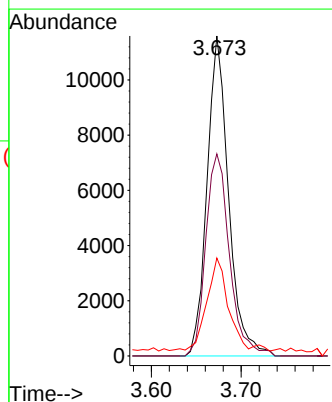
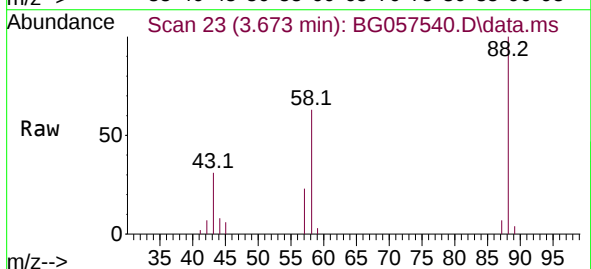
Manual Integrations
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#2
1,4-Dioxane
Concen: 43.486 ng
RT: 3.673 min Scan# 23
Delta R.T. 0.001 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Tgt Ion: 88 Resp: 19313
Ion Ratio Lower Upper
88 100
58 69.4 57.1 85.7
43 27.7 24.4 36.6





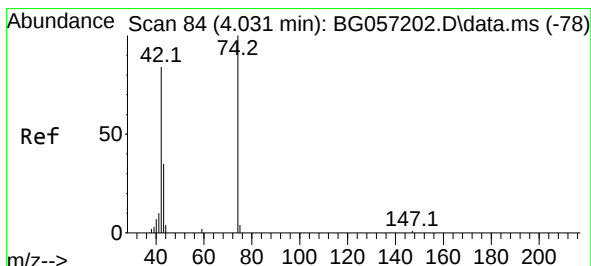
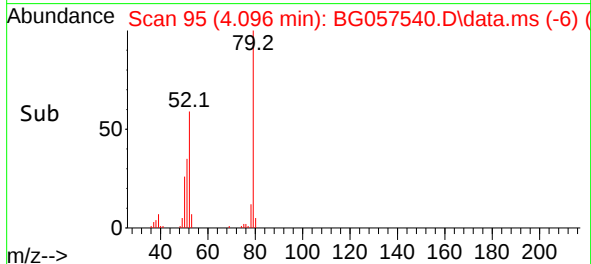
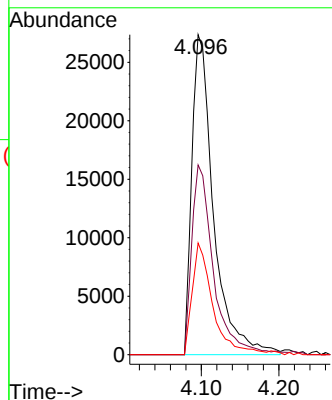
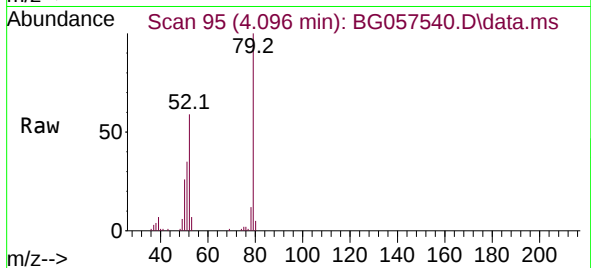
#3
Pyridine
Concen: 37.221 ng
RT: 4.096 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Instrument :
BNA_G
ClientSampleId :
TP19MSD

Tgt Ion: 79 Resp: 5312
Ion Ratio Lower Upper
79 100
52 59.3 51.4 77.0
51 34.9 28.0 42.0

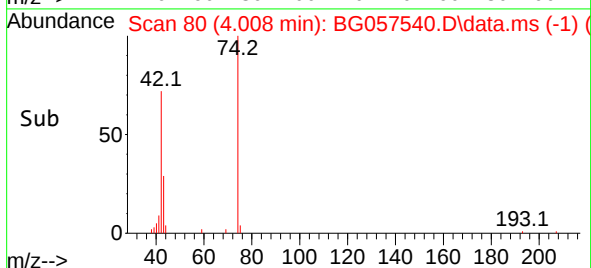
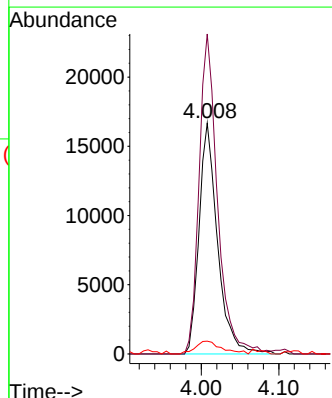
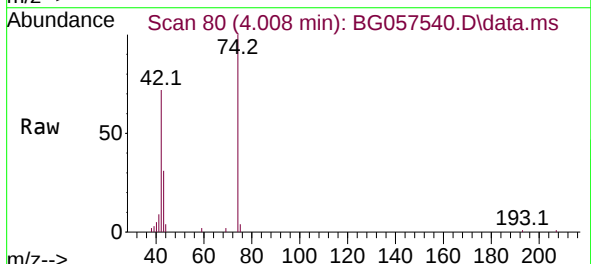
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#4
n-Nitrosodimethylamine
Concen: 41.211 ng
RT: 4.008 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Tgt Ion: 42 Resp: 27641
Ion Ratio Lower Upper
42 100
74 138.6 95.1 142.7
44 5.6 5.8 8.8





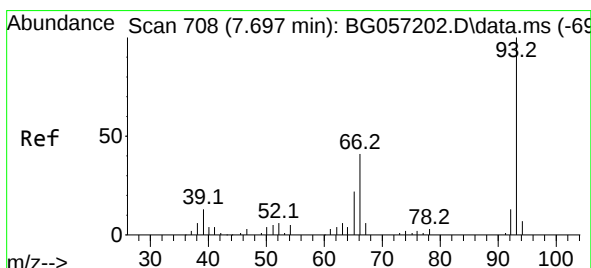
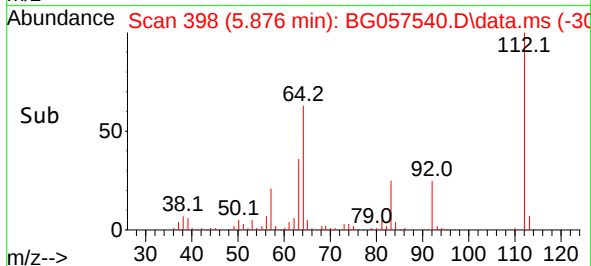
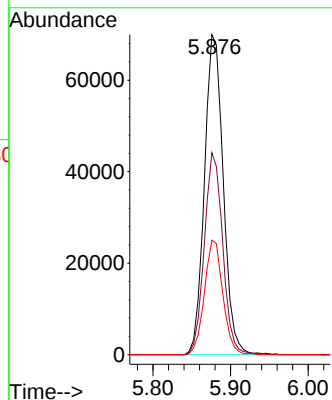
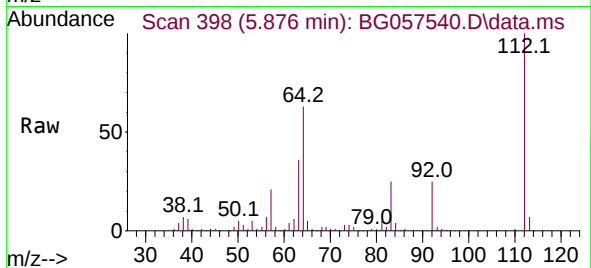
#5
2-Fluorophenol
Concen: 110.113 ng
RT: 5.876 min Scan# 398
Delta R.T. 0.001 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Instrument :
BNA_G
ClientSampleId :
TP19MSD

Tgt Ion:112 Resp: 118274
Ion Ratio Lower Upper
112 100
64 63.1 49.4 74.2
63 35.8 31.6 47.4

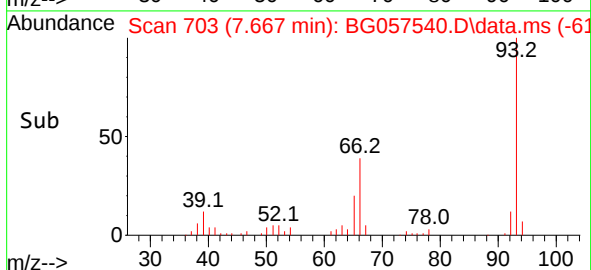
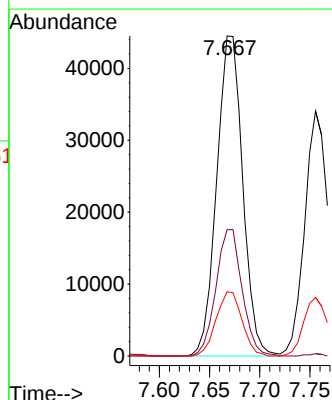
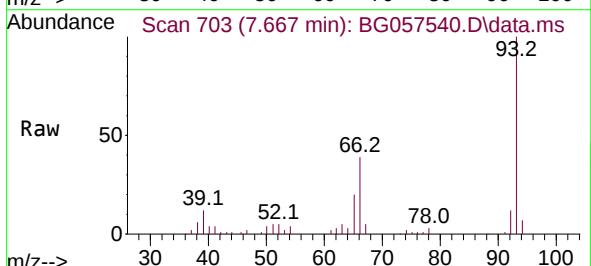
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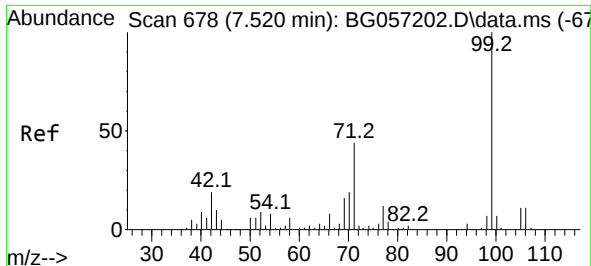
Reviewed By :Christian Giraldo 05/25/2023
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#6
Aniline
Concen: 38.700 ng
RT: 7.667 min Scan# 703
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Tgt Ion: 93 Resp: 80078
Ion Ratio Lower Upper
93 100
66 39.5 33.0 49.6
65 20.1 18.0 27.0





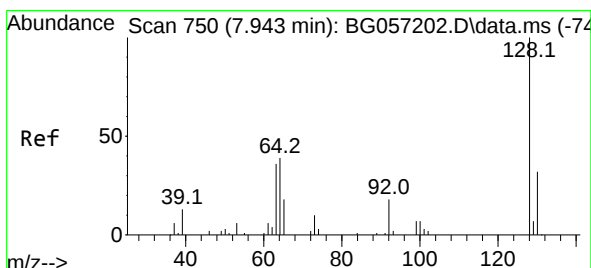
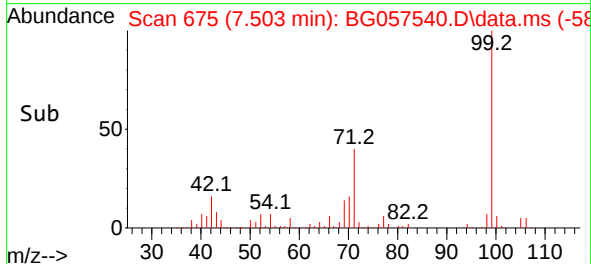
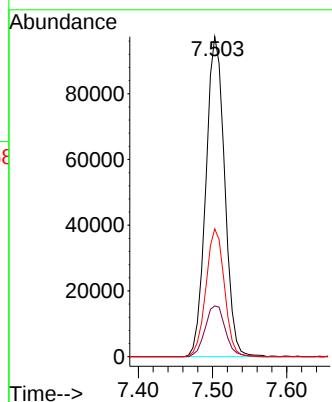
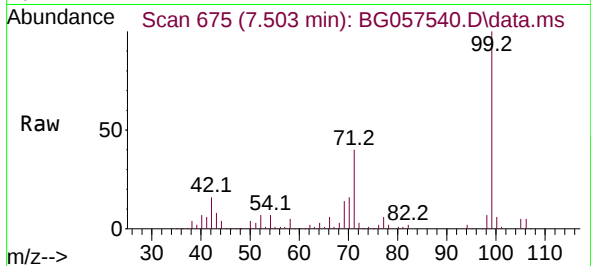
#7
Phenol-d6
Concen: 104.817 ng
RT: 7.503 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Instrument :
BNA_G
ClientSampleId :
TP19MSD

Tgt Ion: 99 Resp: 170960
Ion Ratio Lower Upper
99 100
42 15.9 15.1 22.7
71 40.0 35.2 52.8

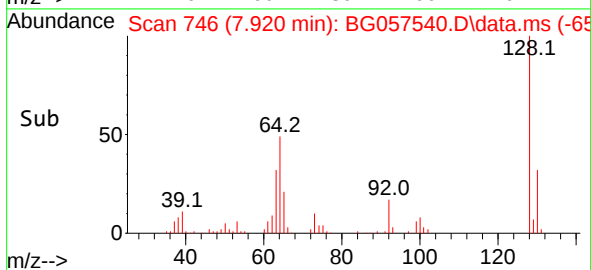
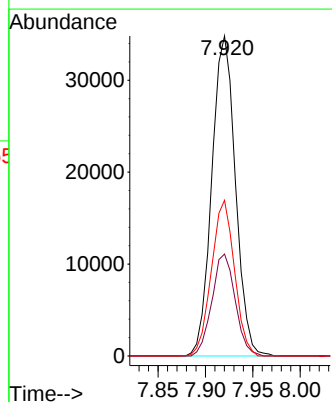
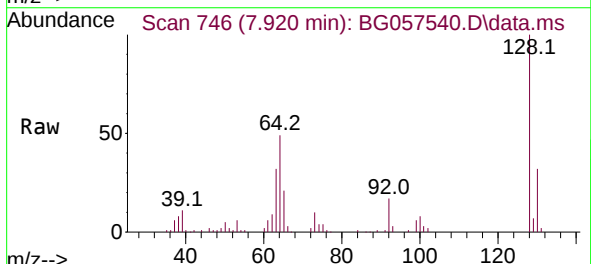
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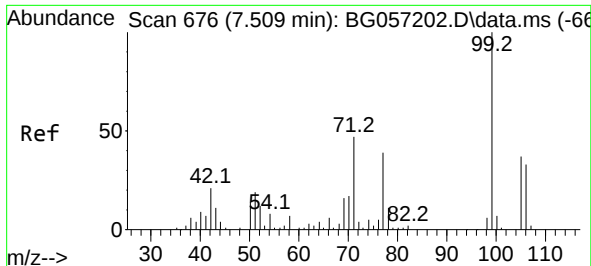
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#8
2-Chlorophenol
Concen: 53.099 ng
RT: 7.920 min Scan# 746
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Tgt Ion:128 Resp: 60267
Ion Ratio Lower Upper
128 100
130 31.9 12.2 52.2
64 48.7 28.4 68.4





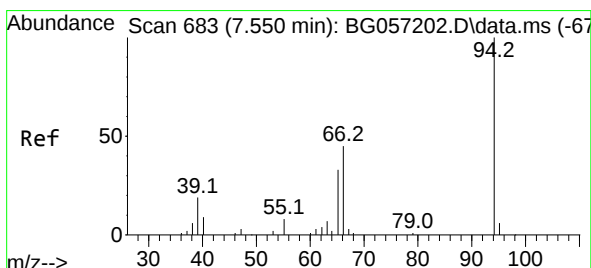
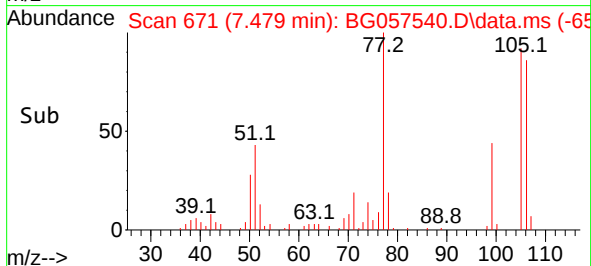
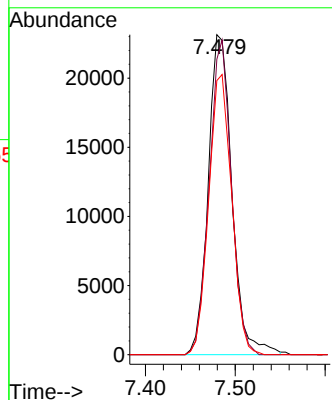
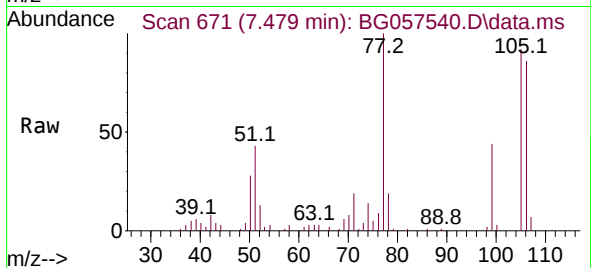
#9
Benzaldehyde
Concen: 50.981 ng
RT: 7.479 min Scan# 611
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Instrument :
BNA_G
ClientSampleId :
TP19MSD

Tgt Ion: 77 Resp: 4244
Ion Ratio Lower Upper
77 100
105 92.3 74.6 114.6
106 85.7 66.3 106.3

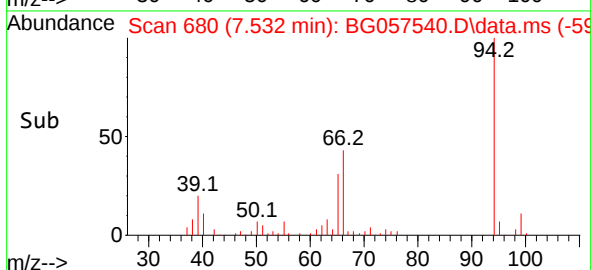
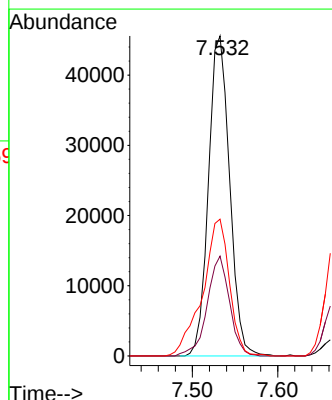
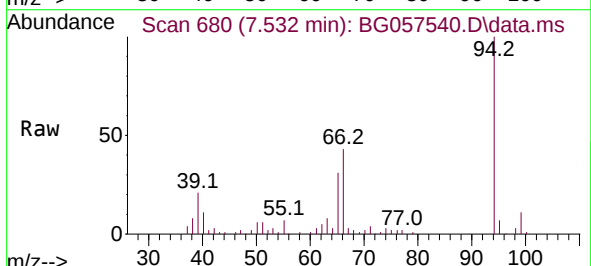
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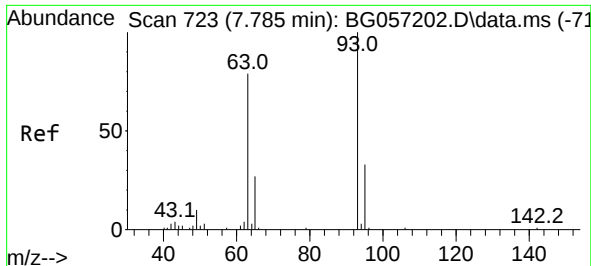
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#10
Phenol
Concen: 49.364 ng
RT: 7.532 min Scan# 680
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Tgt Ion: 94 Resp: 78490
Ion Ratio Lower Upper
94 100
65 31.2 13.5 53.5
66 42.8 26.7 66.7





#11

bis(2-Chloroethyl)ether

Concen: 46.120 ng

RT: 7.756 min Scan# 71

Delta R.T. -0.005 min

Lab File: BG057540.D

Acq: 24 May 2023 18:53

Instrument :

BNA_G

ClientSampleId :

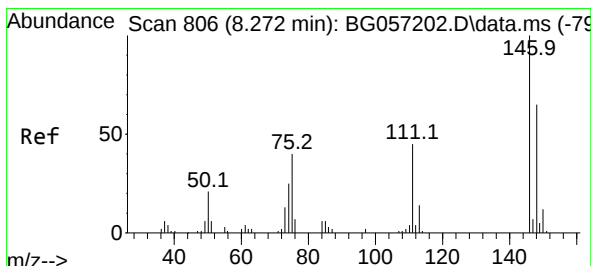
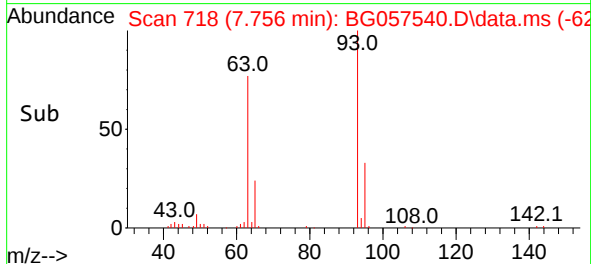
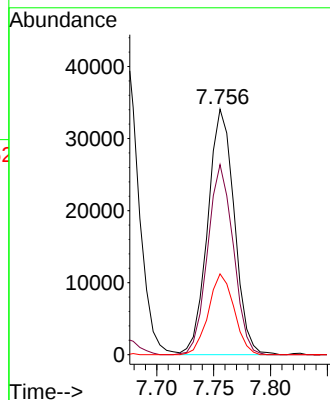
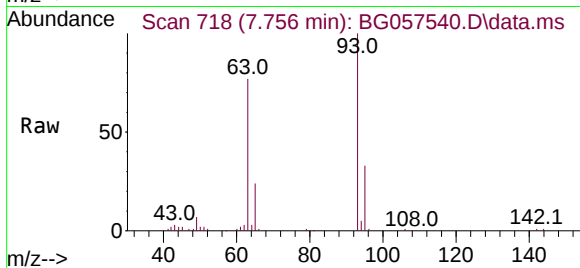
TP19MSD

Tgt Ion: 93	Resp: 5529
Ion Ratio	Lower Upper
93 100	
63 77.4	58.6 98.6
95 32.9	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: 52.955 ng

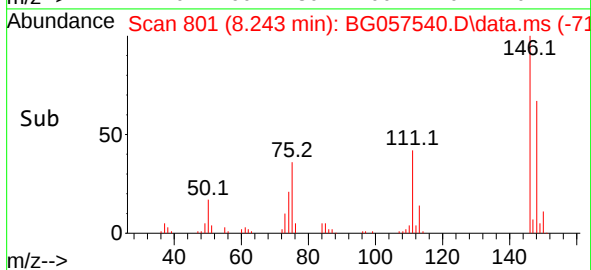
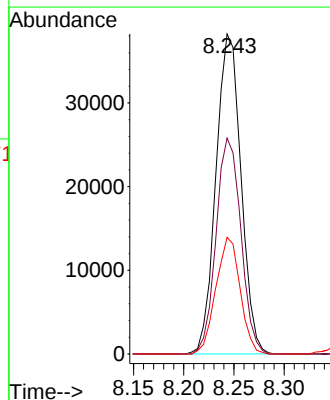
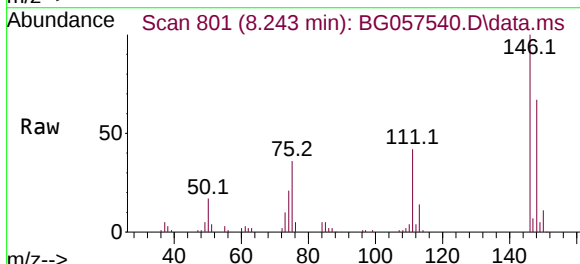
RT: 8.243 min Scan# 801

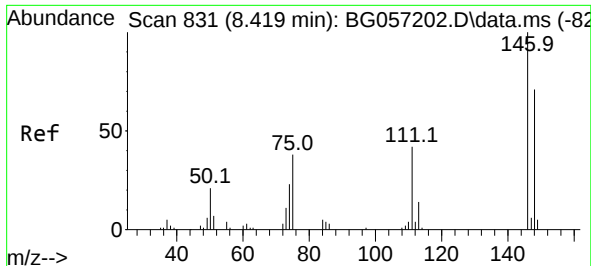
Delta R.T. -0.011 min

Lab File: BG057540.D

Acq: 24 May 2023 18:53

Tgt Ion:146	Resp: 66336
Ion Ratio	Lower Upper
146 100	
148 67.4	52.2 78.2
75 36.5	31.7 47.5





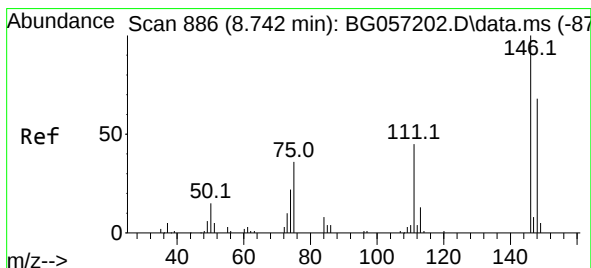
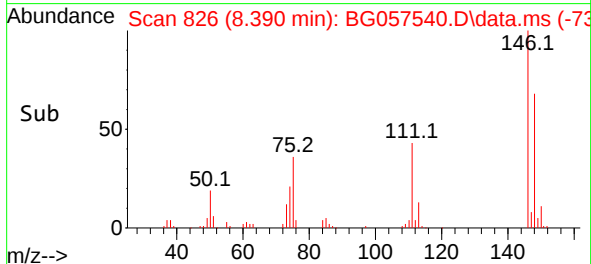
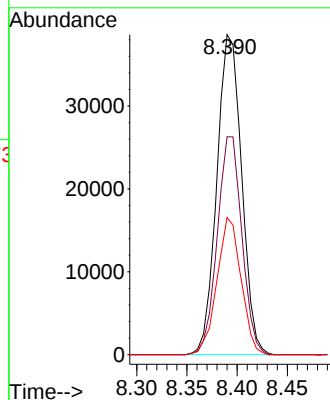
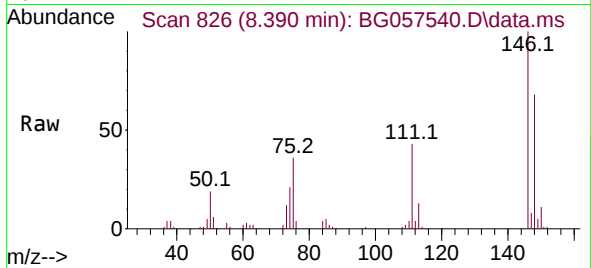
#13
1,4-Dichlorobenzene
Concen: 52.728 ng
RT: 8.390 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Instrument :
BNA_G
ClientSampleId :
TP19MSD

Tgt Ion:146 Resp: 6634
Ion Ratio Lower Upper
146 100
148 68.1 56.4 84.6
111 42.8 33.8 50.6

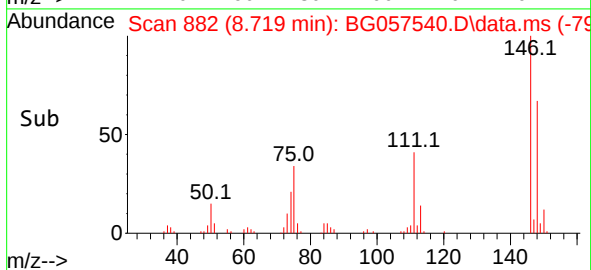
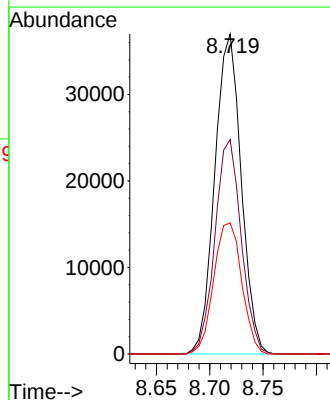
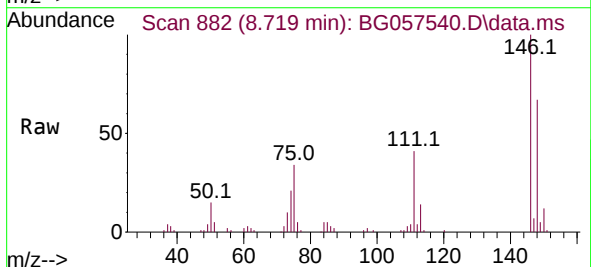
Manual Integrations
APPROVED

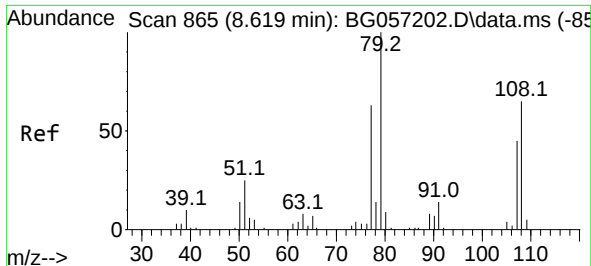
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#14
1,2-Dichlorobenzene
Concen: 52.407 ng
RT: 8.719 min Scan# 882
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

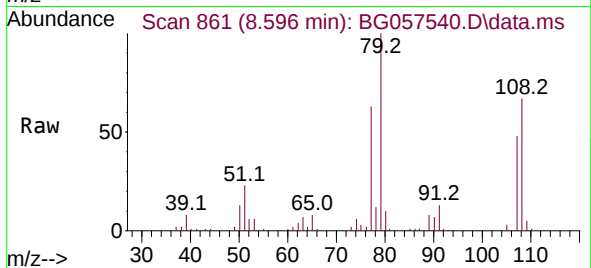
Tgt Ion:146 Resp: 63659
Ion Ratio Lower Upper
146 100
148 67.0 54.6 82.0
111 40.9 37.2 55.8





#15
Benzyl Alcohol
Concen: 44.144 ng
RT: 8.596 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

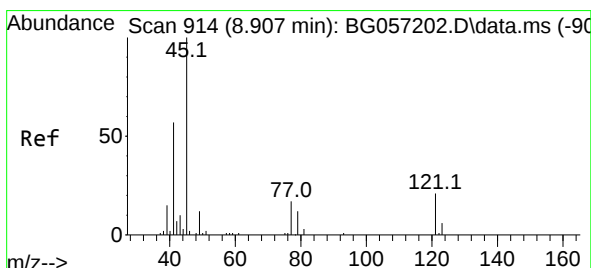
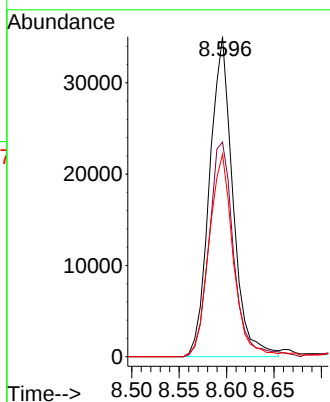
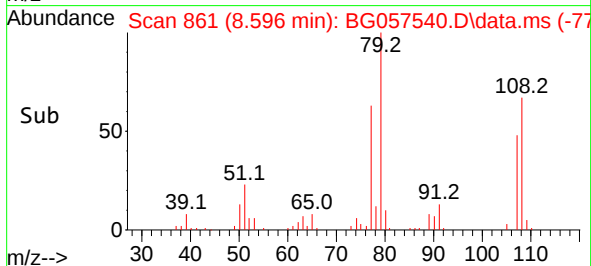
Instrument :
BNA_G
ClientSampleId :
TP19MSD



Tgt Ion: 79 Resp: 59984
Ion Ratio Lower Upper
79 100
108 67.1 52.2 78.2
77 63.3 50.1 75.1

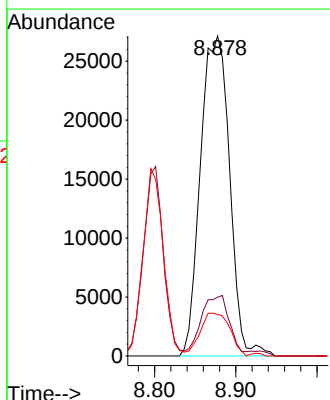
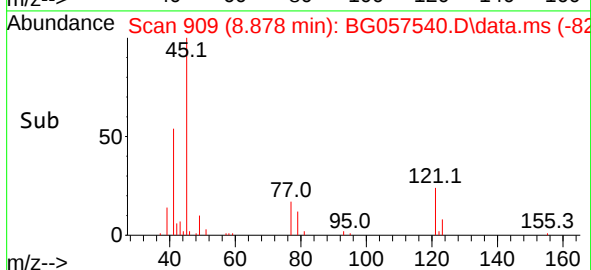
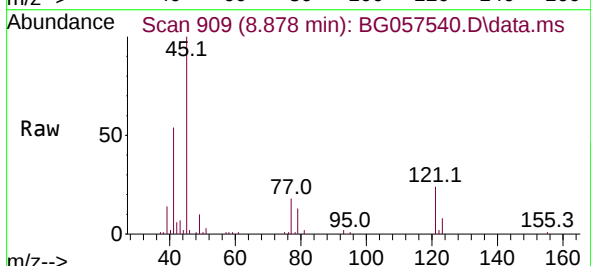
Manual Integrations
APPROVED

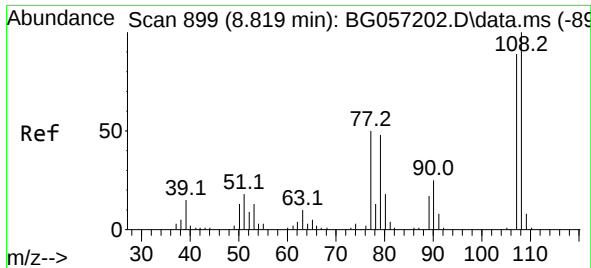
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.740 ng m
RT: 8.878 min Scan# 909
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Tgt Ion: 45 Resp: 67610
Ion Ratio Lower Upper
45 100
77 18.3 0.0 38.5
79 13.0 0.0 33.8





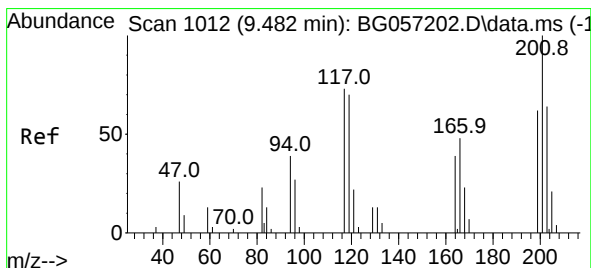
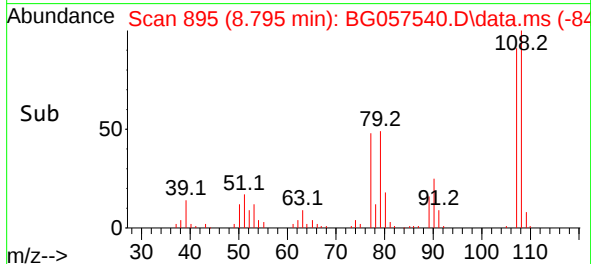
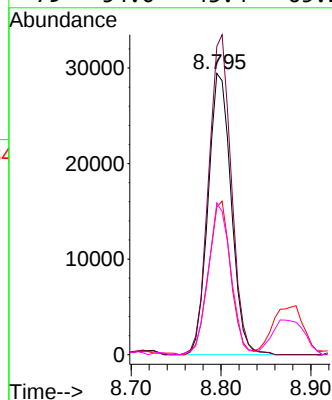
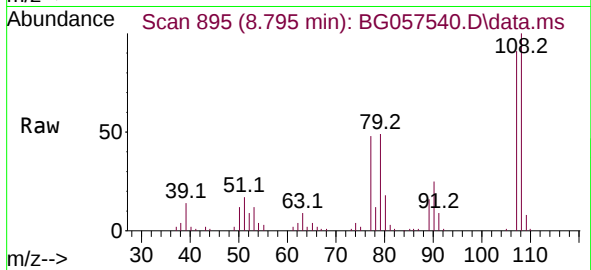
#17
2-Methylphenol
Concen: 45.912 ng
RT: 8.795 min Scan# 899
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Instrument :
BNA_G
ClientSampleId :
TP19MSD

Tgt Ion:	107	Resp:	5262
Ion Ratio	Lower	Upper	
107	100		
108	109.6	89.5	134.3
77	52.5	45.1	67.7
79	54.0	43.4	65.2

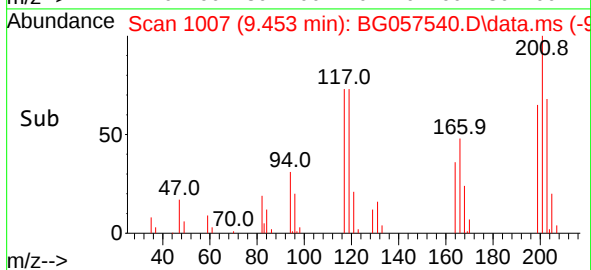
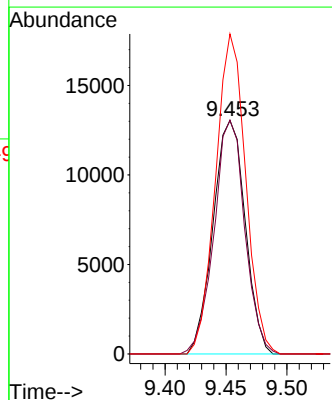
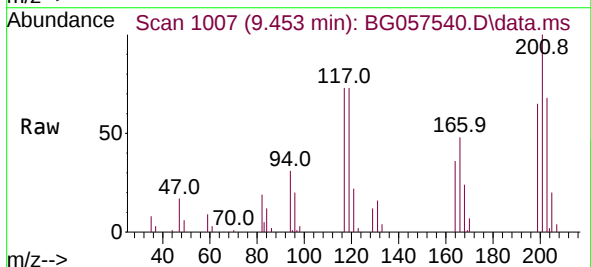
Manual Integrations
APPROVED

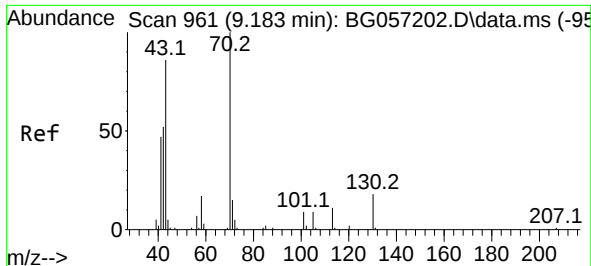
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#18
Hexachloroethane
Concen: 52.556 ng
RT: 9.453 min Scan# 1007
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

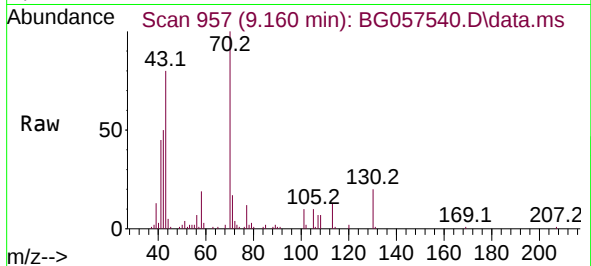
Tgt Ion:	117	Resp:	23865
Ion Ratio	Lower	Upper	
117	100		
119	100.1	76.7	115.1
201	137.1	109.0	163.4





#19
n-Nitroso-di-n-propylamine
Concen: 39.231 ng
RT: 9.160 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

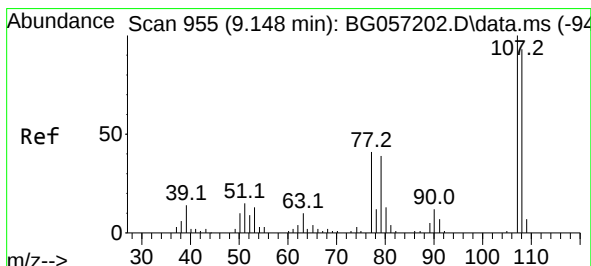
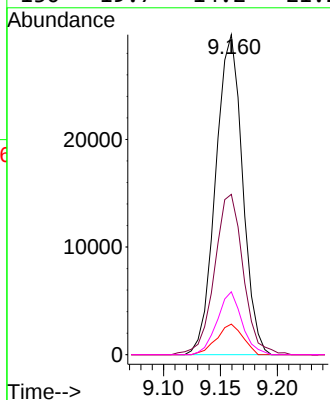
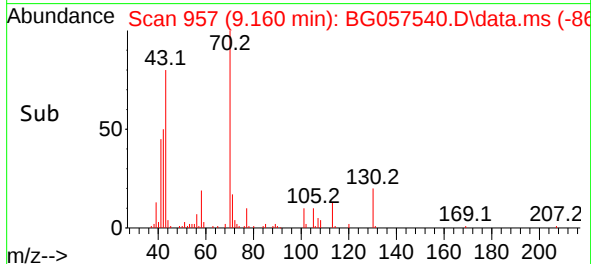
Instrument :
BNA_G
ClientSampleId :
TP19MSD



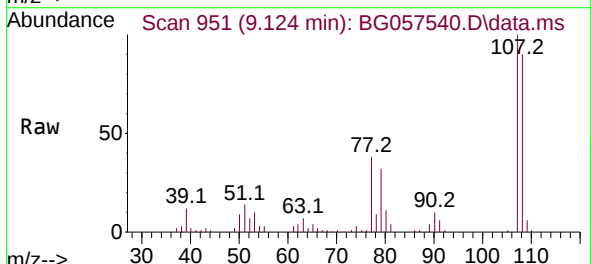
Tgt Ion: 70 Resp: 4879
Ion Ratio Lower Upper
70 100
42 50.1 41.8 62.8
101 9.5 6.8 10.2
130 19.7 14.2 21.2

Manual Integrations
APPROVED

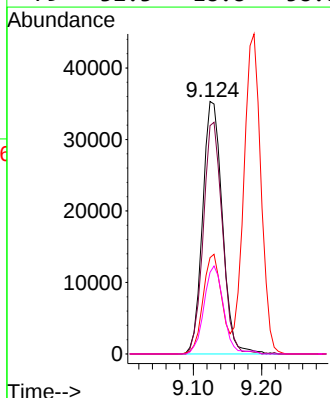
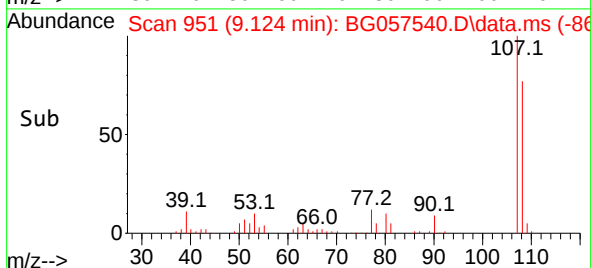
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

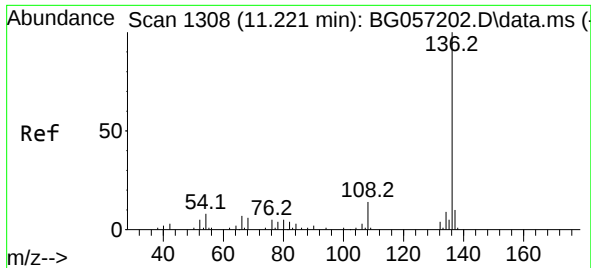


#20
3+4-Methylphenols
Concen: 45.279 ng
RT: 9.124 min Scan# 951
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53



Tgt Ion:107 Resp: 71063
Ion Ratio Lower Upper
107 100
108 90.4 73.5 113.5
77 38.1 21.1 61.1
79 32.3 18.8 58.8





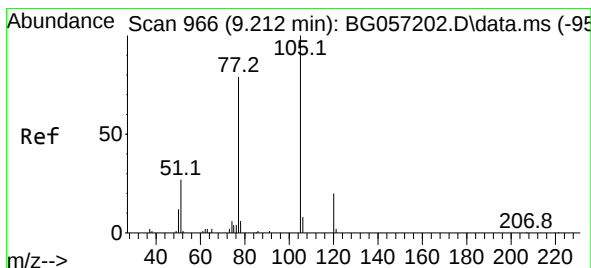
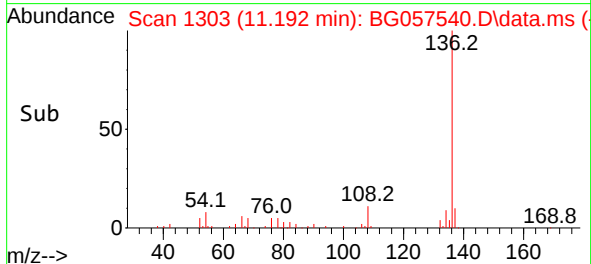
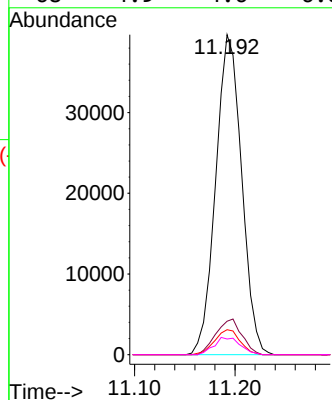
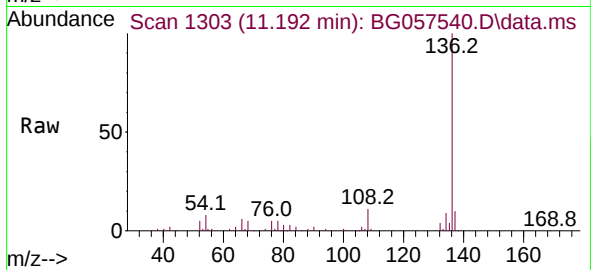
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.192 min Scan# 1119
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Instrument :
BNA_G
ClientSampleId :
TP19MSD

Tgt Ion:	136	Resp:	7105
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.3	12.5
54	7.8	6.7	10.1
68	4.9	4.6	6.8

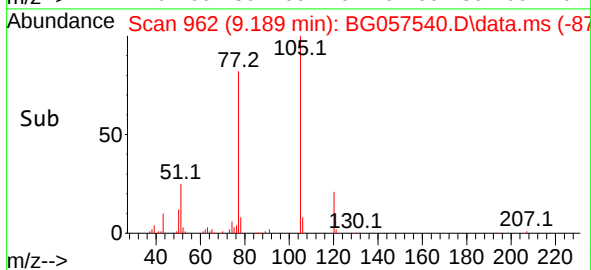
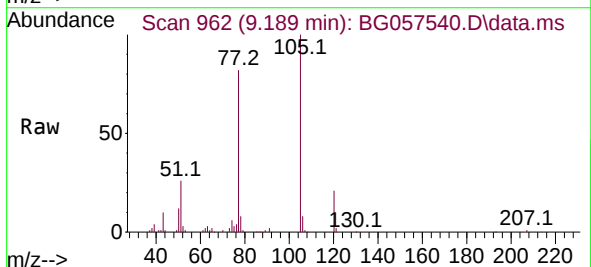
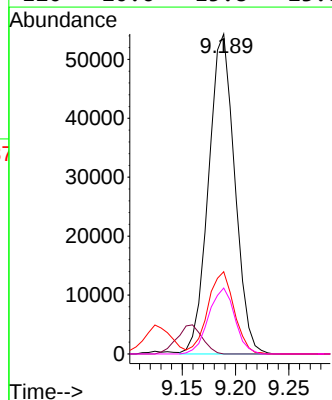
Manual Integrations
APPROVED

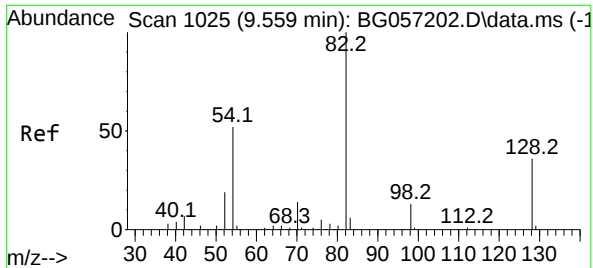
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#22
Acetophenone
Concen: 45.498 ng
RT: 9.189 min Scan# 962
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Tgt Ion:	105	Resp:	92528
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.4	0.6
51	25.7	24.0	36.0
120	20.6	15.8	23.8





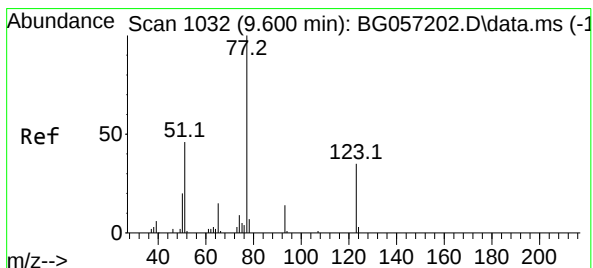
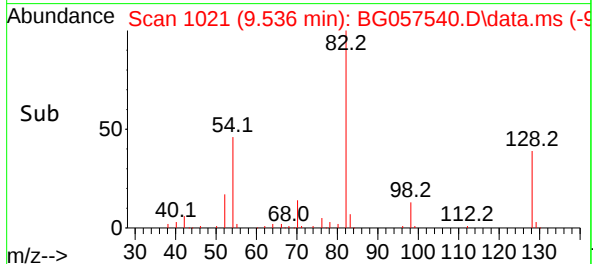
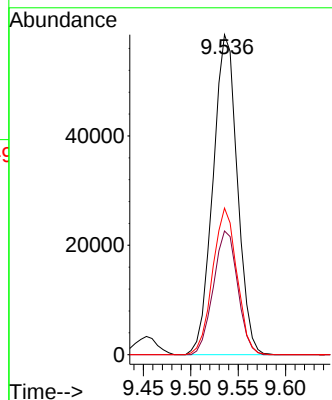
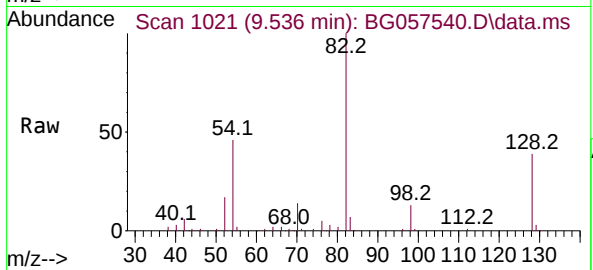
#23
Nitrobenzene-d5
Concen: 61.806 ng
RT: 9.536 min Scan# 1021
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Instrument :
BNA_G
ClientSampleId :
TP19MSD

Tgt Ion: 82 Resp: 10463
Ion Ratio Lower Upper
82 100
128 38.6 29.0 43.4
54 45.8 41.4 62.0

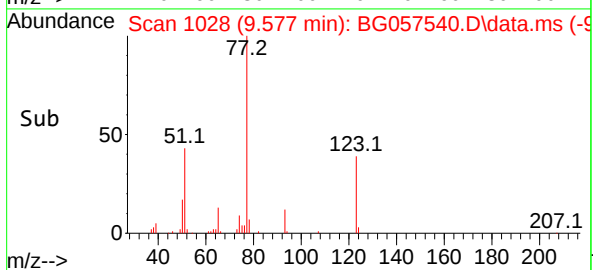
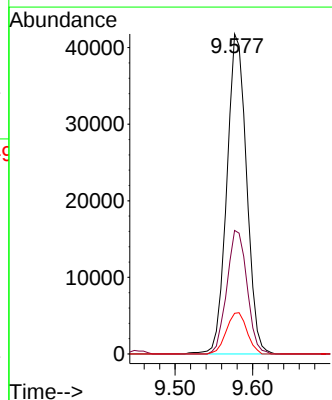
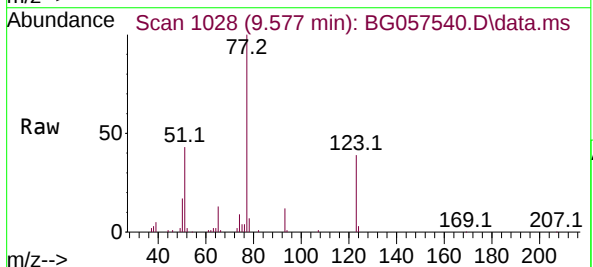
Manual Integrations
APPROVED

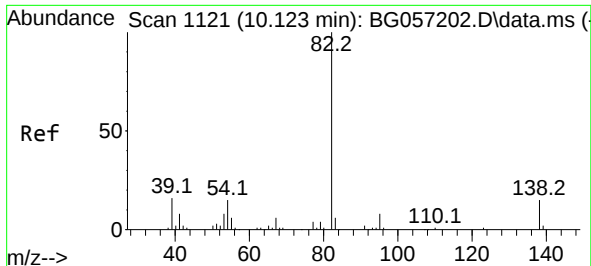
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#24
Nitrobenzene
Concen: 43.124 ng
RT: 9.577 min Scan# 1028
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Tgt Ion: 77 Resp: 73688
Ion Ratio Lower Upper
77 100
123 38.6 28.2 42.2
65 12.7 11.7 17.5





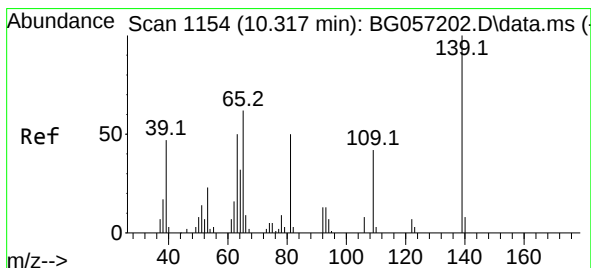
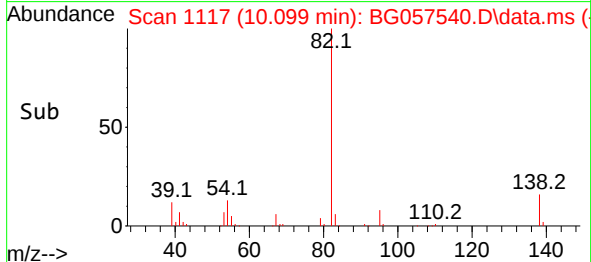
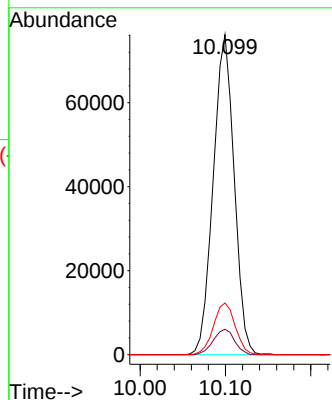
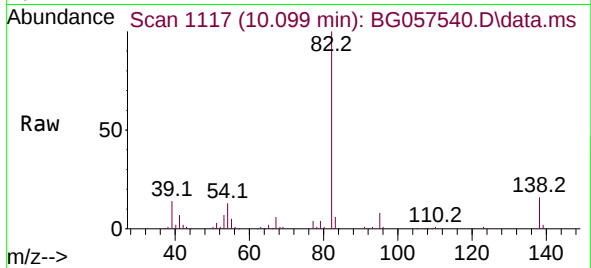
#25
Isophorone
Concen: 39.464 ng
RT: 10.099 min Scan# 1117
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Instrument :
BNA_G
ClientSampleId :
TP19MSD

Tgt Ion: 82 Resp: 12955
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 16.2 12.3 18.5

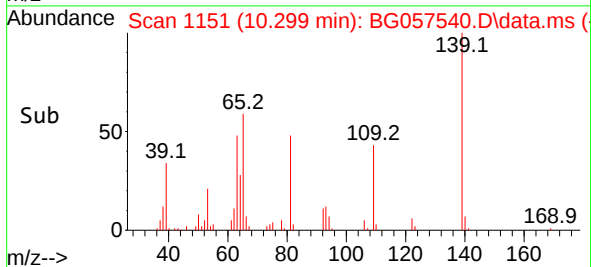
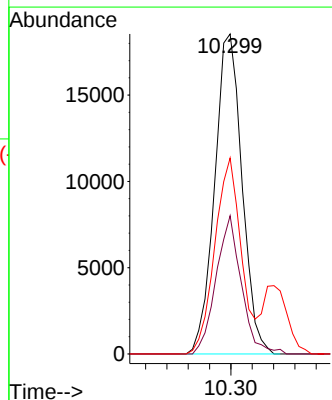
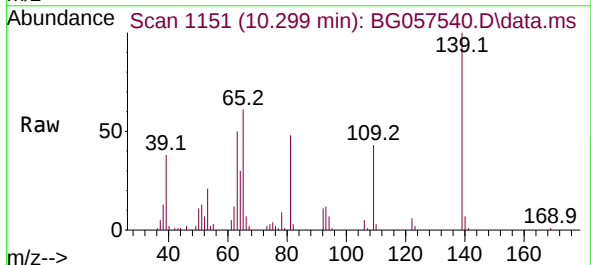
Manual Integrations
APPROVED

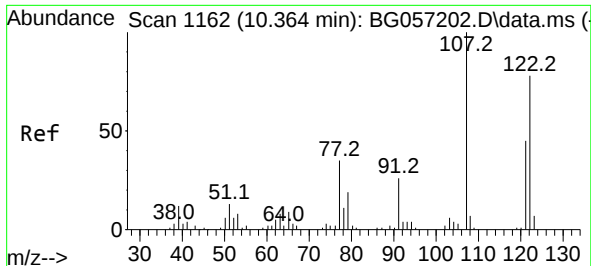
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#26
2-Nitrophenol
Concen: 50.497 ng
RT: 10.299 min Scan# 1151
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Tgt Ion:139 Resp: 33028
Ion Ratio Lower Upper
139 100
109 43.2 33.4 50.2
65 61.3 49.8 74.6





#27

2,4-Dimethylphenol

Concen: 50.476 ng

RT: 10.340 min Scan# 1162

Delta R.T. -0.005 min

Lab File: BG057540.D

Acq: 24 May 2023 18:53

Instrument :

BNA_G

ClientSampleId :

TP19MSD

Tgt Ion:122 Resp: 57809

Ion Ratio Lower Upper

122 100

107 129.8 103.0 154.4

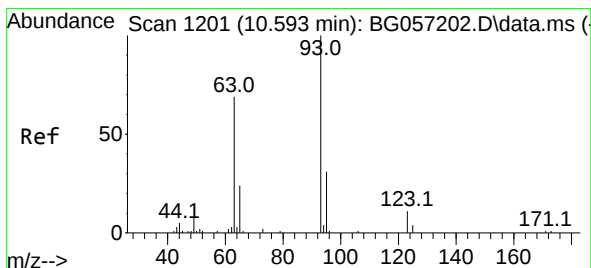
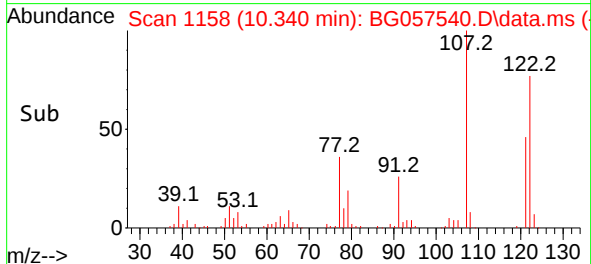
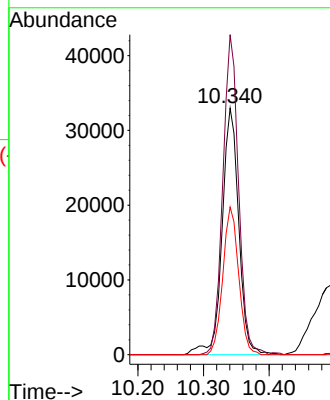
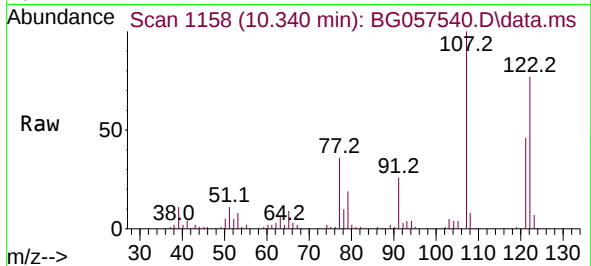
121 59.9 45.9 68.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.633 ng

RT: 10.569 min Scan# 1197

Delta R.T. -0.011 min

Lab File: BG057540.D

Acq: 24 May 2023 18:53

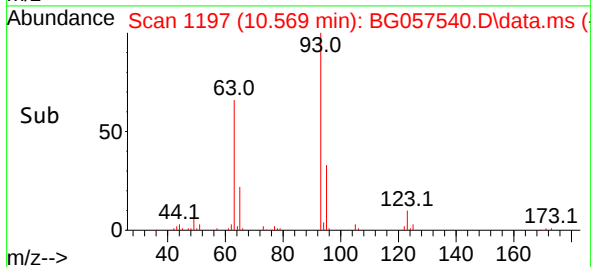
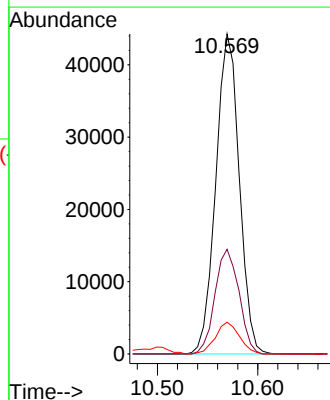
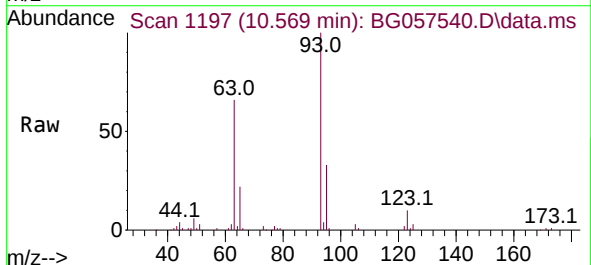
Tgt Ion: 93 Resp: 71759

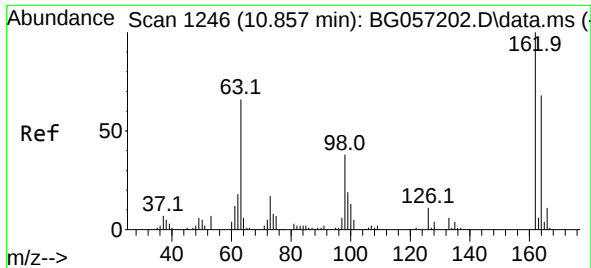
Ion Ratio Lower Upper

93 100

95 32.7 25.0 37.6

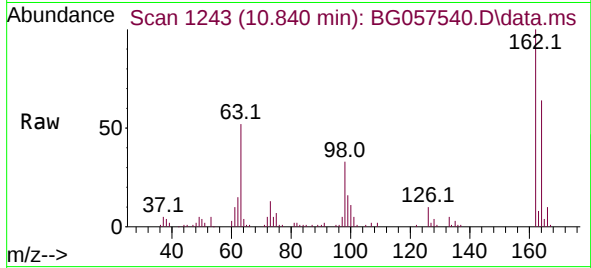
123 9.9 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 51.335 ng
RT: 10.840 min Scan# 1243
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

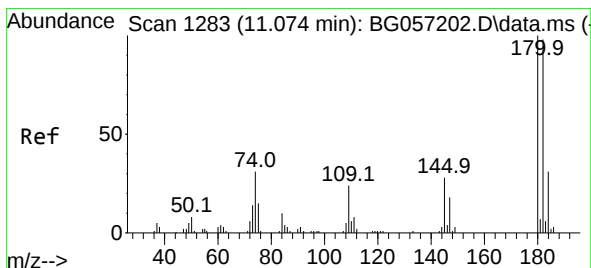
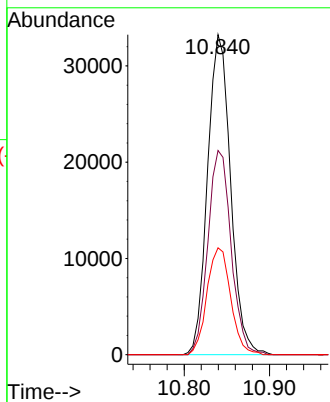
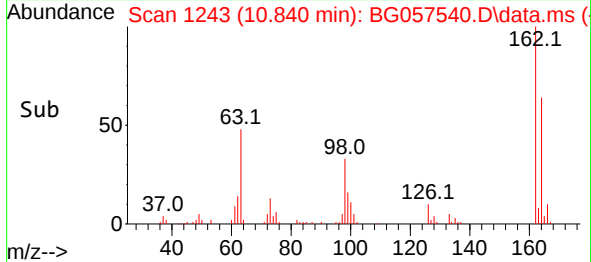
Instrument :
BNA_G
ClientSampleId :
TP19MSD



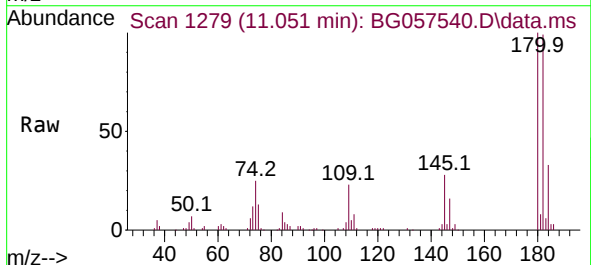
Tgt Ion:162 Resp: 62358
Ion Ratio Lower Upper
162 100
164 63.8 48.4 88.4
98 33.4 17.6 57.6

Manual Integrations
APPROVED

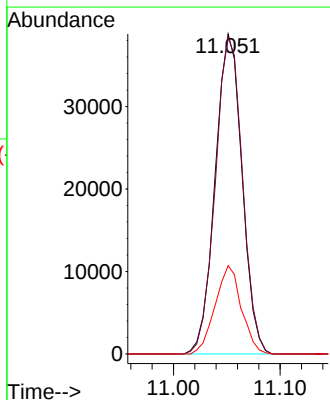
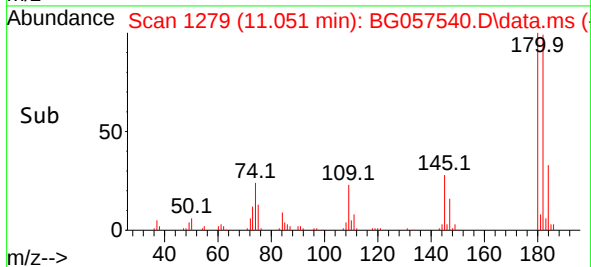
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

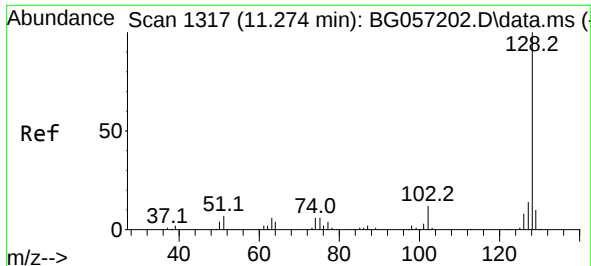


#30
1,2,4-Trichlorobenzene
Concen: 48.403 ng
RT: 11.051 min Scan# 1279
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53



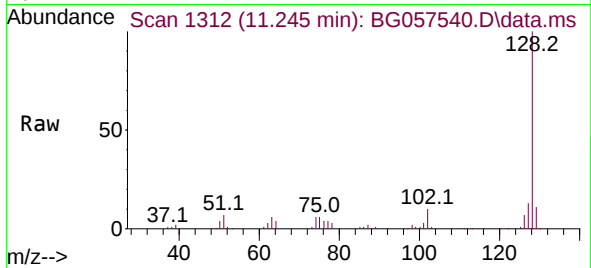
Tgt Ion:180 Resp: 67815
Ion Ratio Lower Upper
180 100
182 99.0 78.0 117.0
145 27.6 22.4 33.6





#31
Naphthalene
Concen: 46.911 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

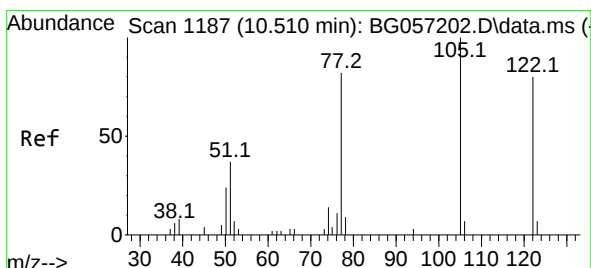
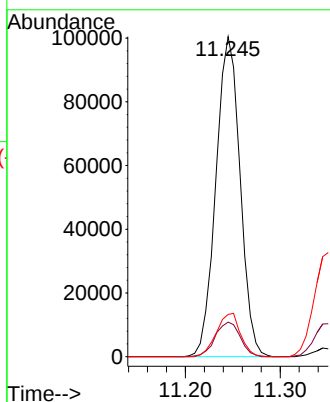
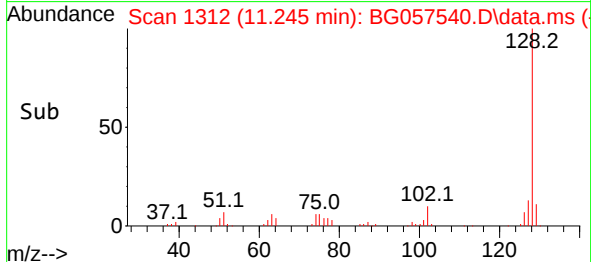
Instrument :
BNA_G
ClientSampleId :
TP19MSD



Tgt Ion:128 Resp: 178195
Ion Ratio Lower Upper
128 100
129 10.8 8.3 12.5
127 13.2 11.1 16.7

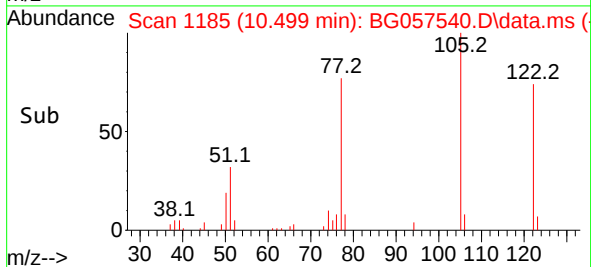
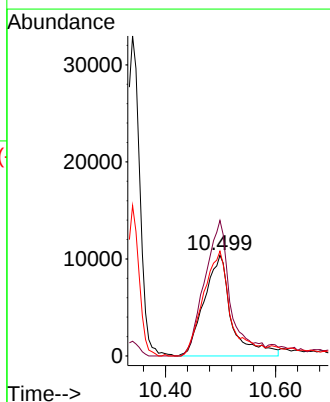
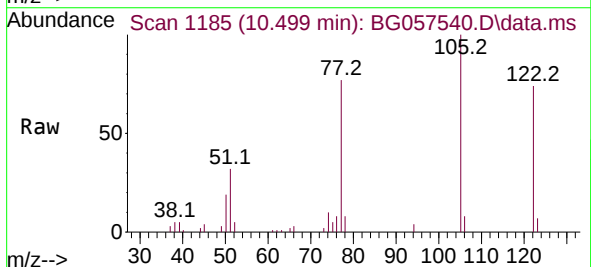
Manual Integrations
APPROVED

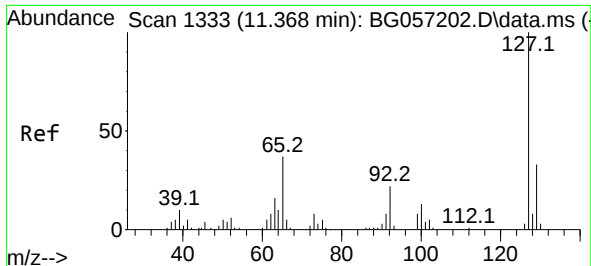
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#32
Benzoic acid
Concen: 53.591 ng
RT: 10.499 min Scan# 1185
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Tgt Ion:122 Resp: 35795
Ion Ratio Lower Upper
122 100
105 134.6 105.2 145.2
77 104.1 83.1 123.1





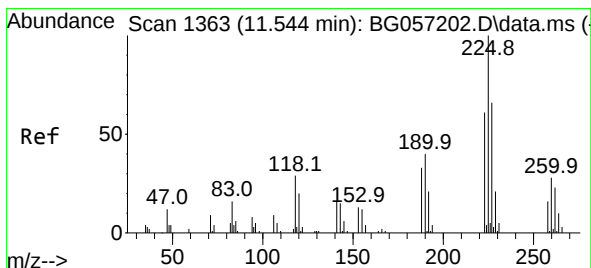
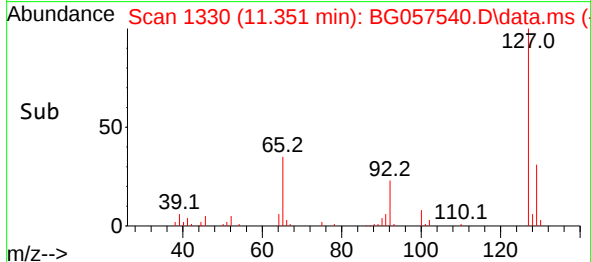
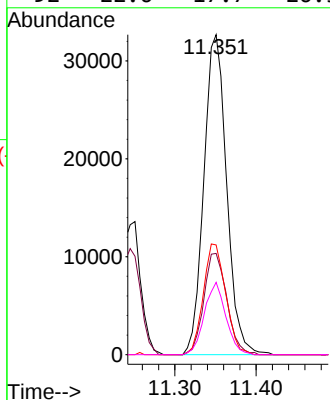
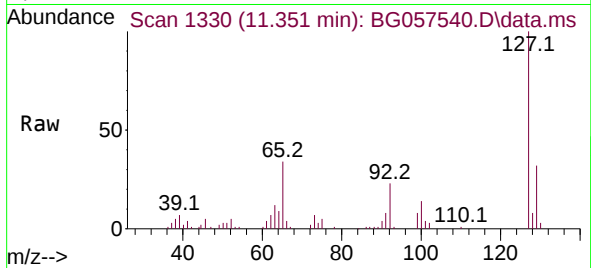
#33
4-Chloroaniline
Concen: 37.287 ng
RT: 11.351 min Scan# 1133
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Instrument :
BNA_G
ClientSampleId :
TP19MSD

Tgt Ion:127 Resp: 63609
Ion Ratio Lower Upper
127 100
129 31.7 26.7 40.1
65 34.3 29.7 44.5
92 22.6 17.7 26.5

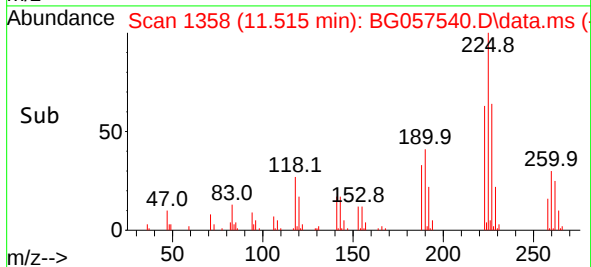
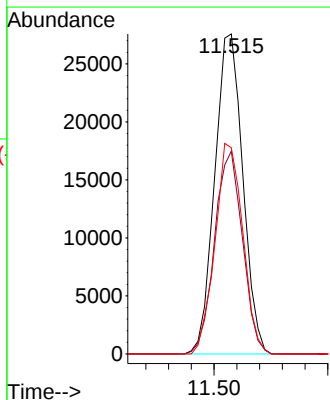
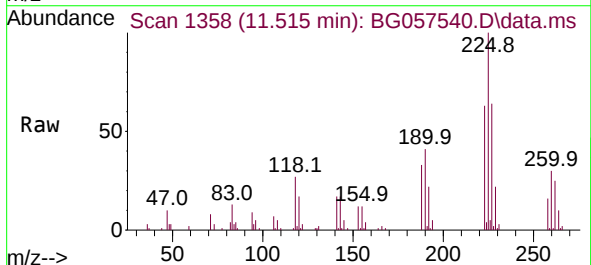
Manual Integrations
APPROVED

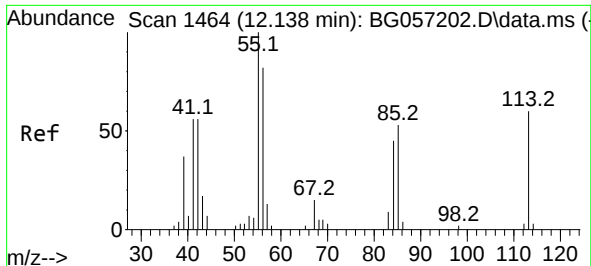
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#34
Hexachlorobutadiene
Concen: 45.431 ng
RT: 11.515 min Scan# 1358
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

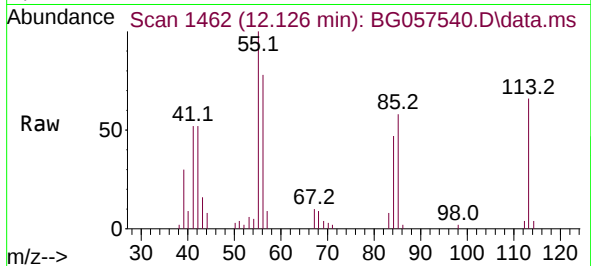
Tgt Ion:225 Resp: 47230
Ion Ratio Lower Upper
225 100
223 63.4 48.6 72.8
227 64.5 52.7 79.1





#35
Caprolactam
Concen: 49.738 ng m
RT: 12.126 min Scan# 1462
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

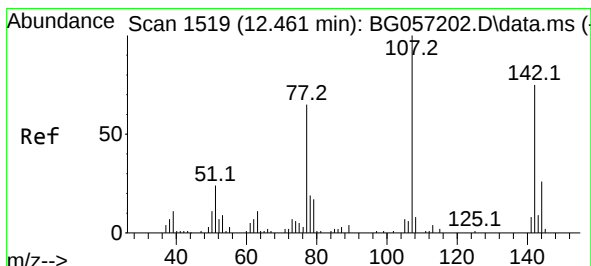
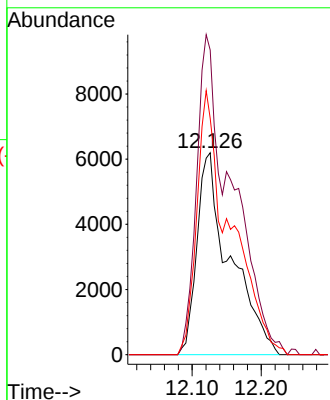
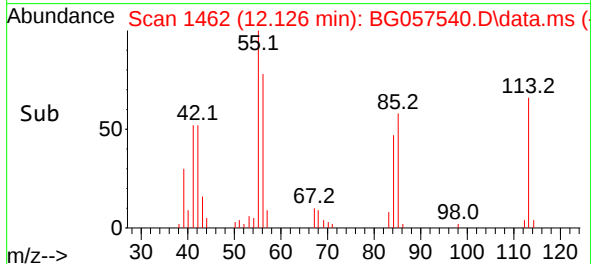
Instrument :
BNA_G
ClientSampleId :
TP19MSD



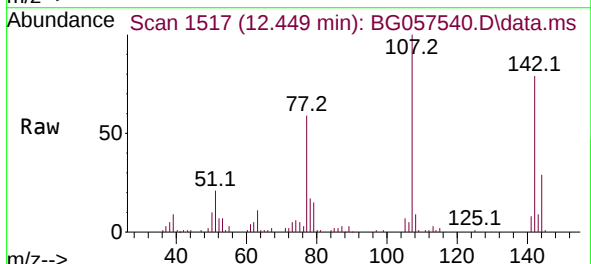
Tgt Ion:113 Resp: 20638
Ion Ratio Lower Upper
113 100
55 150.9 145.5 185.5
56 117.0 115.9 155.9

Manual Integrations
APPROVED

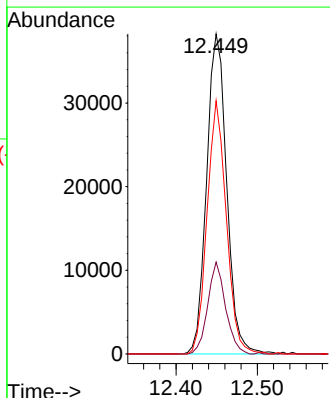
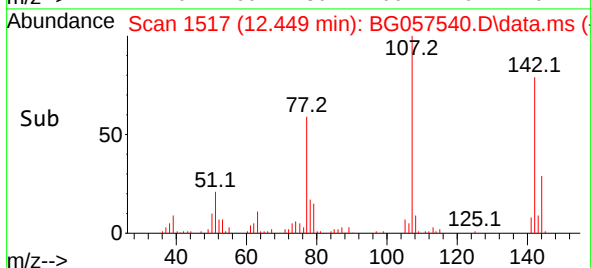
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

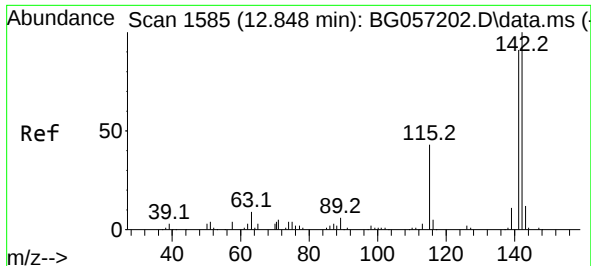


#36
4-Chloro-3-methylphenol
Concen: 47.525 ng
RT: 12.449 min Scan# 1517
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53



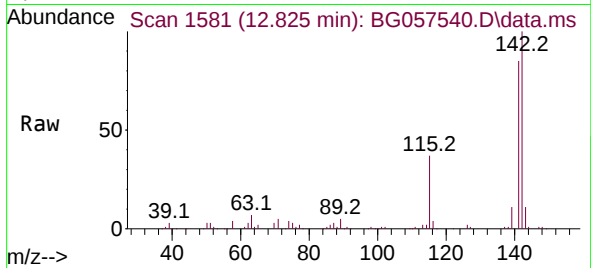
Tgt Ion:107 Resp: 65605
Ion Ratio Lower Upper
107 100
144 28.7 21.0 31.6
142 79.1 60.0 90.0





#37
2-Methylnaphthalene
Concen: 43.593 ng
RT: 12.825 min Scan# 1581
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

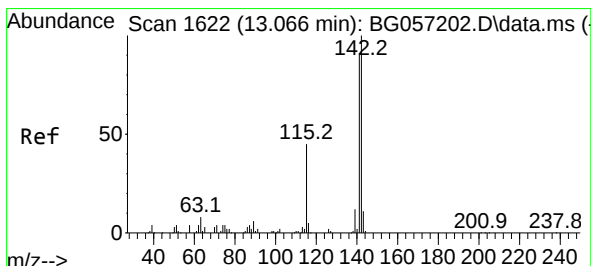
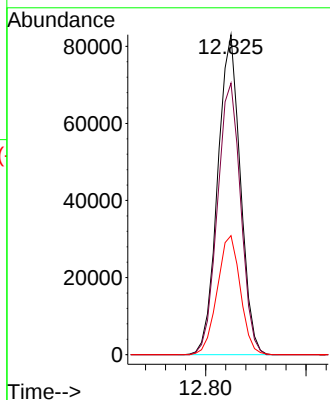
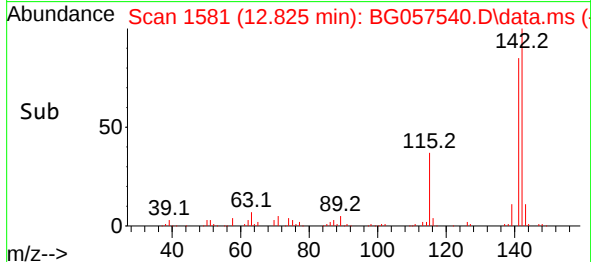
Instrument :
BNA_G
ClientSampleId :
TP19MSD



Tgt Ion:142 Resp: 130198
Ion Ratio Lower Upper
142 100
141 84.8 73.1 109.7
115 37.2 34.6 52.0

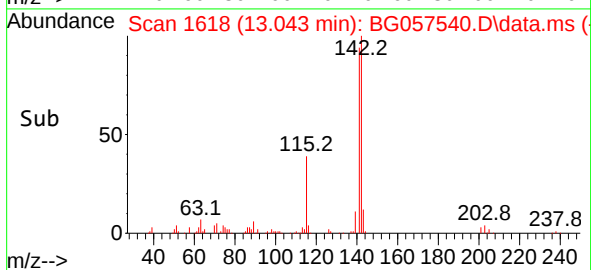
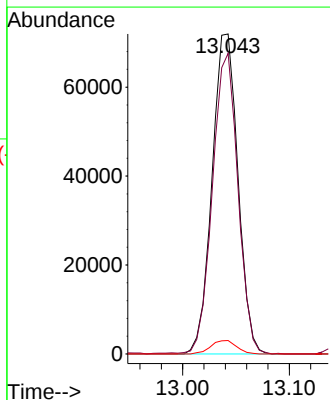
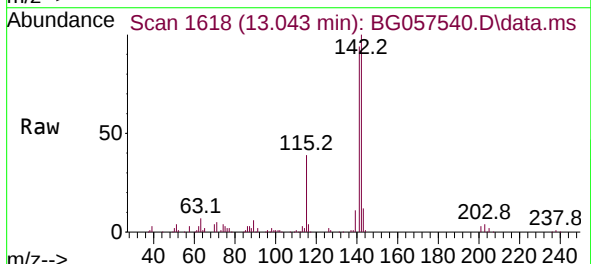
Manual Integrations
APPROVED

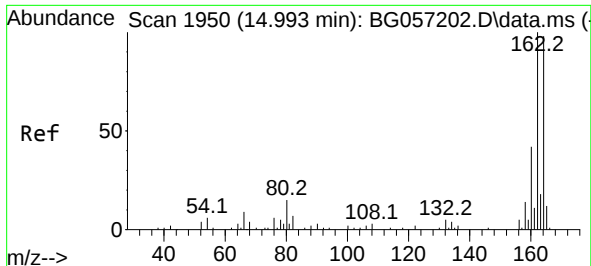
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#38
1-Methylnaphthalene
Concen: 43.028 ng
RT: 13.043 min Scan# 1618
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Tgt Ion:142 Resp: 121130
Ion Ratio Lower Upper
142 100
141 93.9 72.5 108.7
116 4.2 3.7 5.5





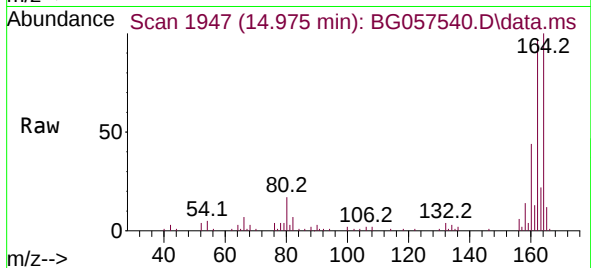
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1950
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Instrument :

BNA_G

ClientSampleId :

TP19MSD

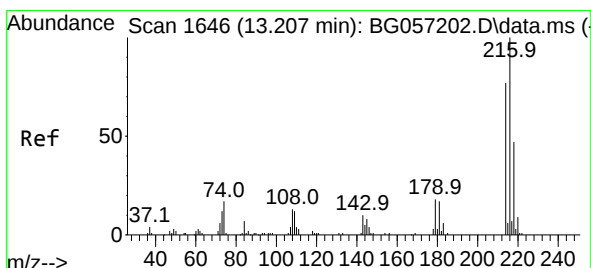
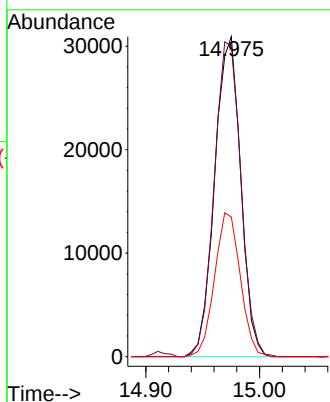
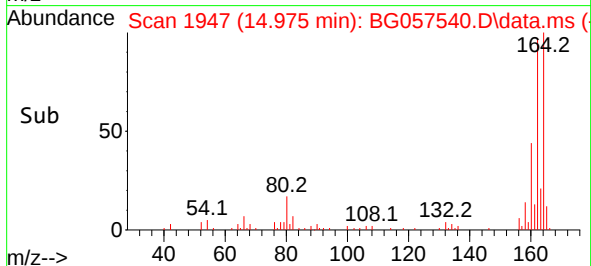


Tgt Ion:164 Resp: 4911
Ion Ratio Lower Upper
164 100
162 97.2 81.8 122.6
160 43.7 34.6 52.0

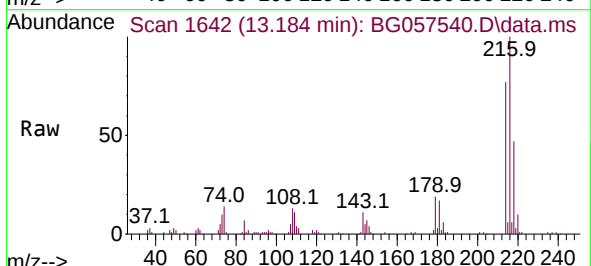
Manual Integrations

APPROVED

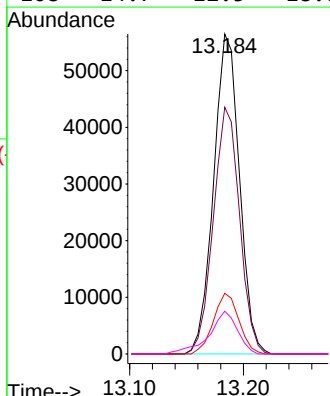
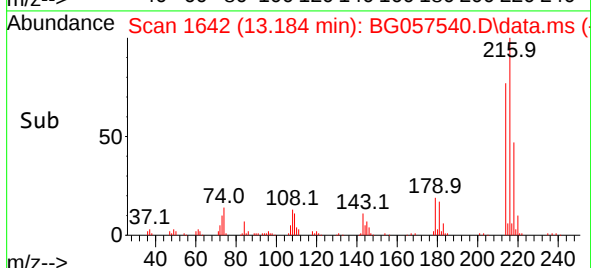
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

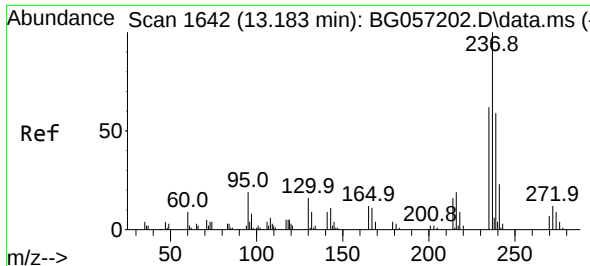


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.156 ng
RT: 13.184 min Scan# 1642
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53



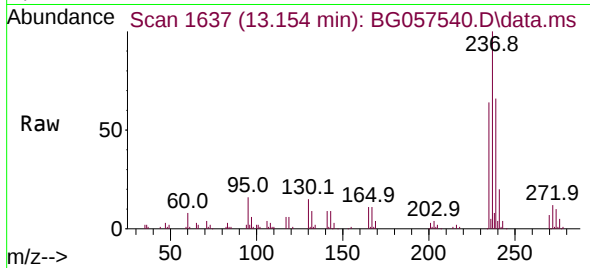
Tgt Ion:216 Resp: 89194
Ion Ratio Lower Upper
216 100
214 78.2 63.7 95.5
179 18.7 14.6 22.0
108 14.7 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 84.176 ng
RT: 13.154 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

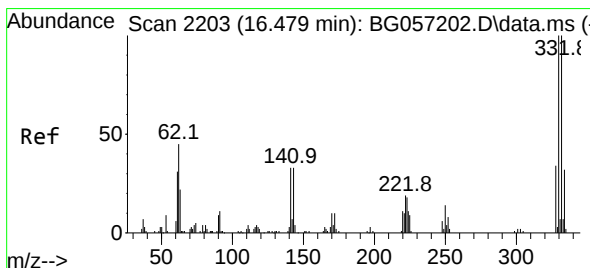
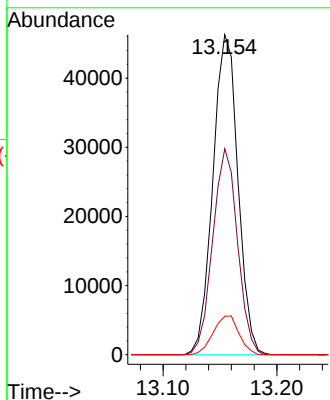
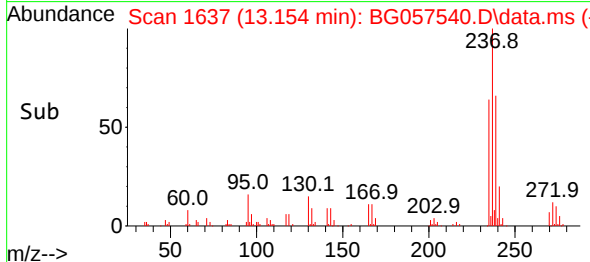
Instrument :
BNA_G
ClientSampleId :
TP19MSD



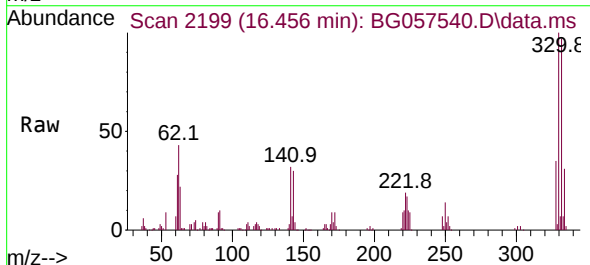
Tgt Ion:237 Resp: 70844
Ion Ratio Lower Upper
237 100
235 64.4 42.0 82.0
272 12.0 0.0 31.5

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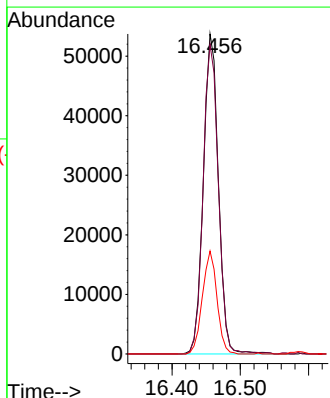
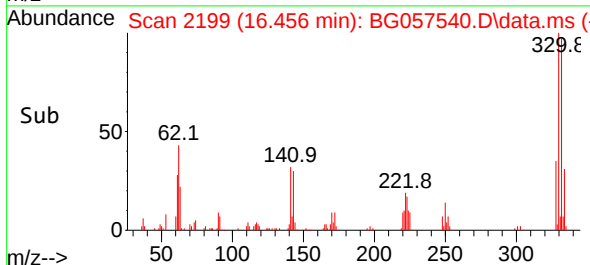
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

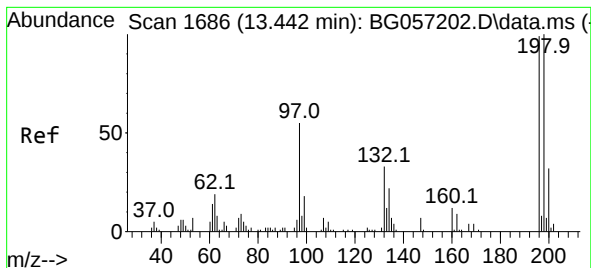


#42
2,4,6-Tribromophenol
Concen: 118.533 ng
RT: 16.456 min Scan# 2199
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53



Tgt Ion:330 Resp: 82601
Ion Ratio Lower Upper
330 100
332 97.9 78.2 117.2
141 31.1 27.8 41.8





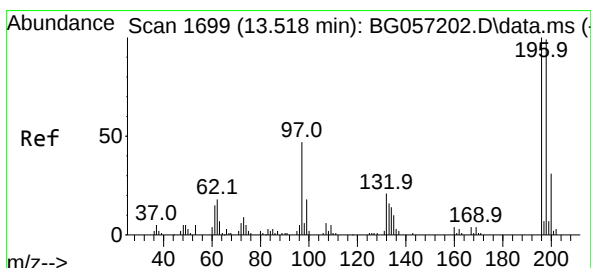
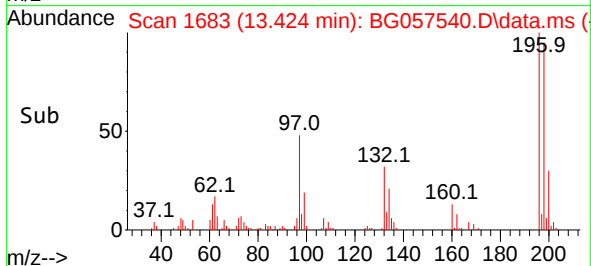
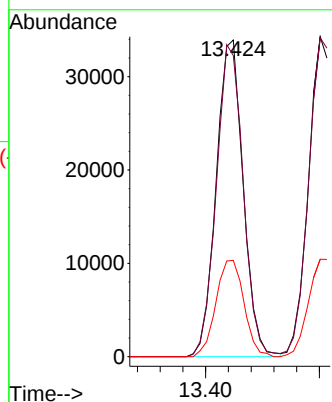
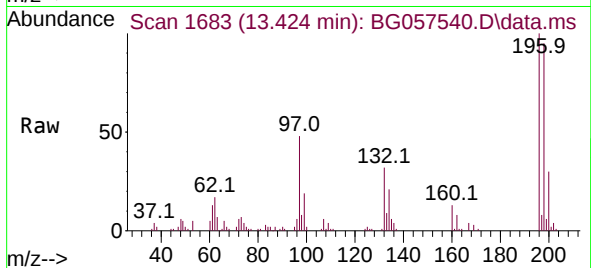
#43
2,4,6-Trichlorophenol
Concen: 52.570 ng
RT: 13.424 min Scan# 1683
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Instrument :
BNA_G
ClientSampleId :
TP19MSD

Tgt Ion:196 Resp: 5584
Ion Ratio Lower Upper
196 100
198 95.1 81.2 121.8
200 30.4 26.3 39.5

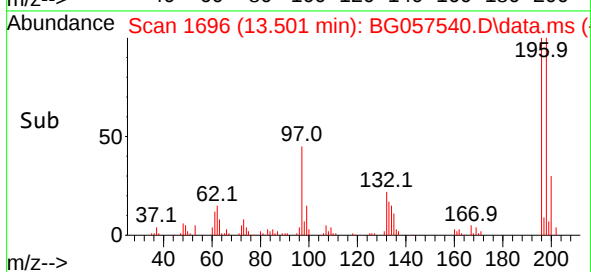
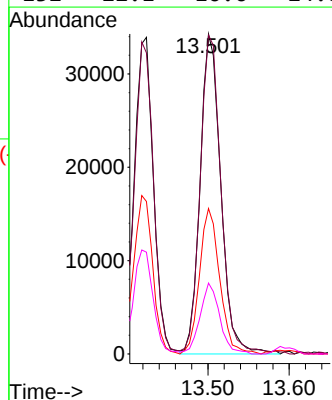
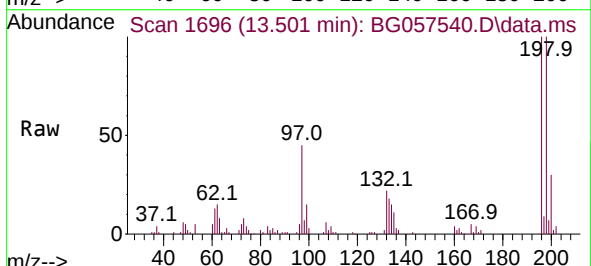
Manual Integrations
APPROVED

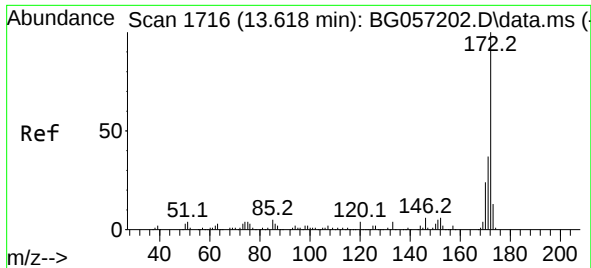
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#44
2,4,5-Trichlorophenol
Concen: 48.701 ng
RT: 13.501 min Scan# 1696
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

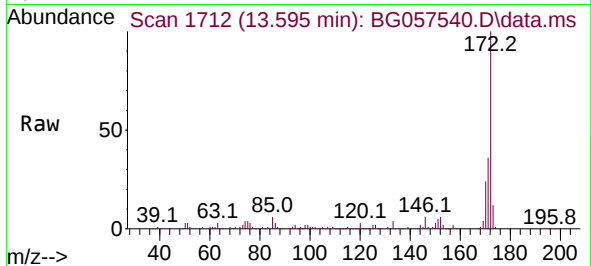
Tgt Ion:196 Resp: 60851
Ion Ratio Lower Upper
196 100
198 99.7 79.4 119.2
97 45.4 37.0 55.4
132 22.1 16.6 24.8





#45
2-Fluorobiphenyl
Concen: 66.522 ng
RT: 13.595 min Scan# 1712
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

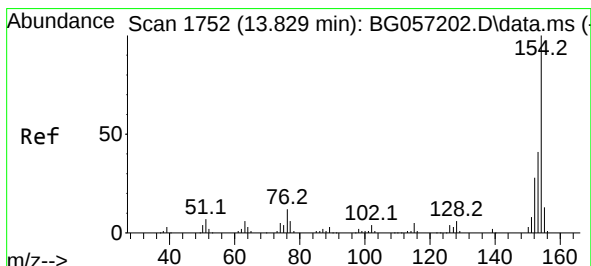
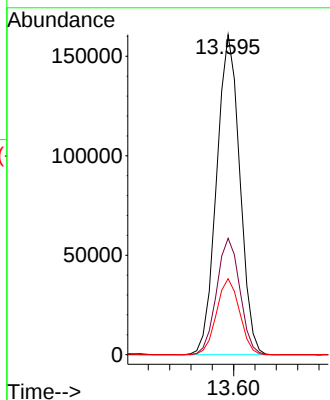
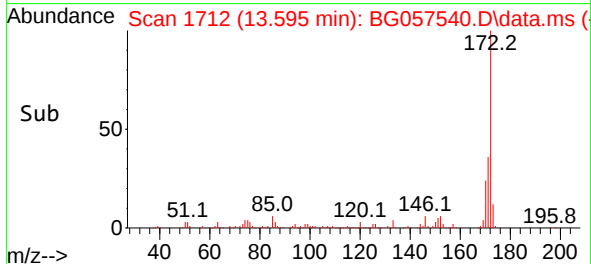
Instrument :
BNA_G
ClientSampleId :
TP19MSD



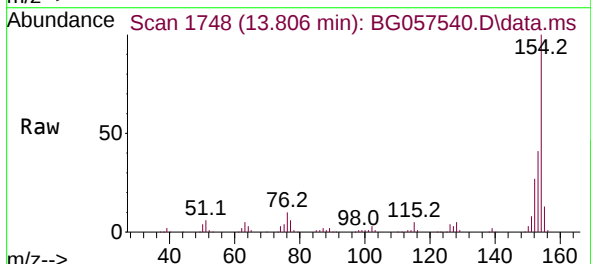
Tgt Ion:172 Resp: 242582
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 23.7 19.0 28.6

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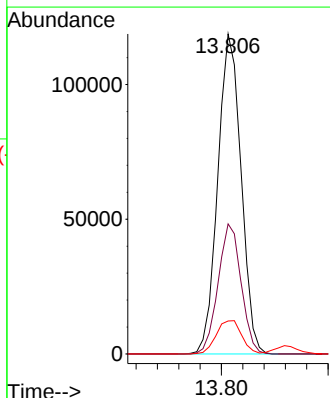
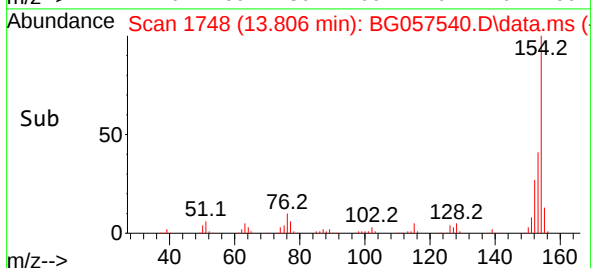
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#46
1,1'-Biphenyl
Concen: 49.304 ng
RT: 13.806 min Scan# 1748
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53



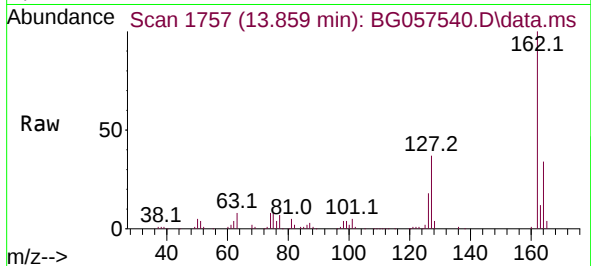
Tgt Ion:154 Resp: 179683
Ion Ratio Lower Upper
154 100
153 40.6 20.9 60.9
76 10.3 0.0 31.7





#47
2-Chloronaphthalene
Concen: 51.402 ng
RT: 13.859 min Scan# 1757
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

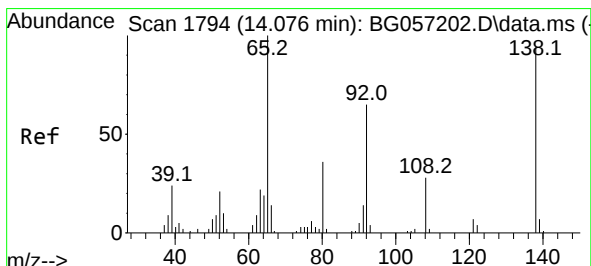
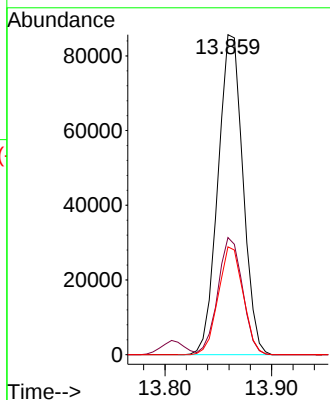
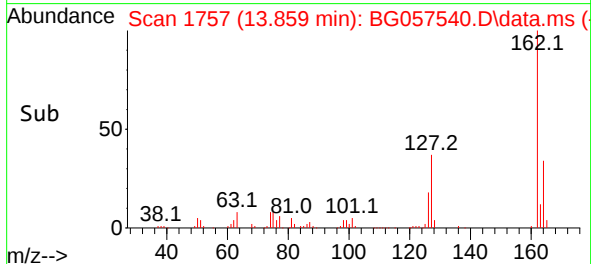
Instrument :
BNA_G
ClientSampleId :
TP19MSD



Tgt Ion:162 Resp: 13930
Ion Ratio Lower Upper
162 100
127 36.6 29.8 44.6
164 33.7 26.6 40.0

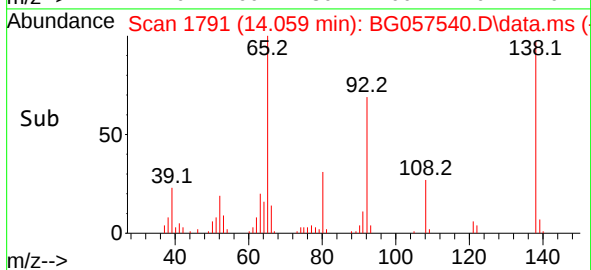
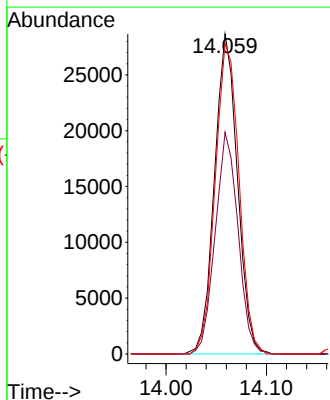
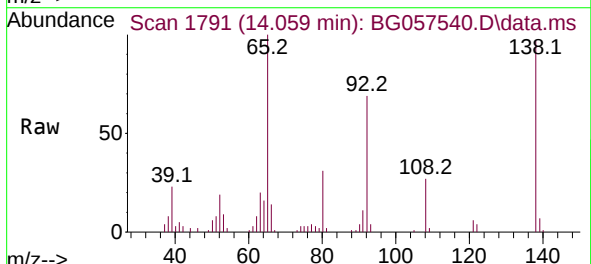
Manual Integrations
APPROVED

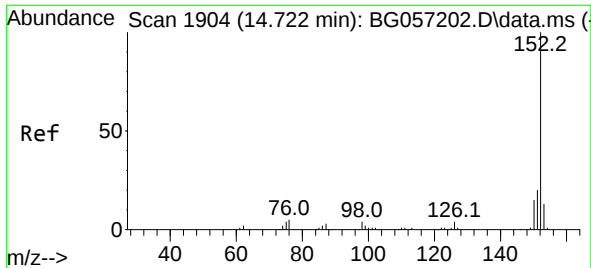
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#48
2-Nitroaniline
Concen: 49.332 ng
RT: 14.059 min Scan# 1791
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

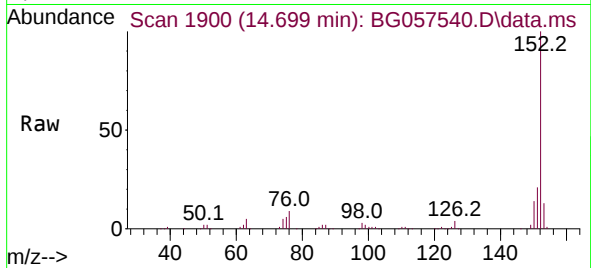
Tgt Ion: 65 Resp: 45458
Ion Ratio Lower Upper
65 100
92 69.2 52.1 78.1
138 97.1 75.3 112.9





#49
Acenaphthylene
Concen: 49.222 ng
RT: 14.699 min Scan# 1904
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

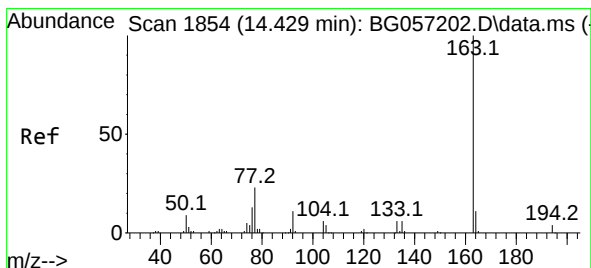
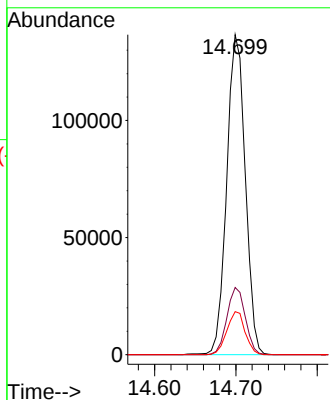
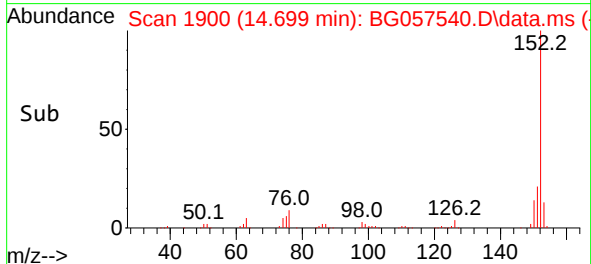
Instrument :
BNA_G
ClientSampleId :
TP19MSD



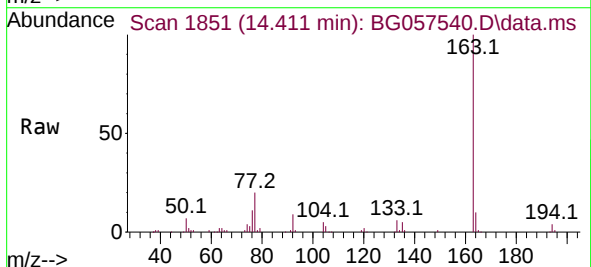
Tgt Ion:152 Resp: 21671
Ion Ratio Lower Upper
152 100
151 21.0 16.0 24.0
153 13.4 10.7 16.1

Manual Integrations
APPROVED

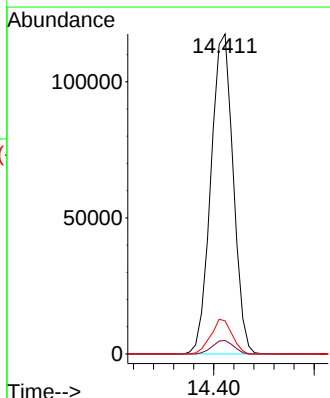
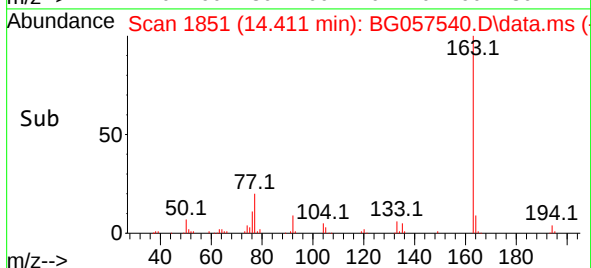
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

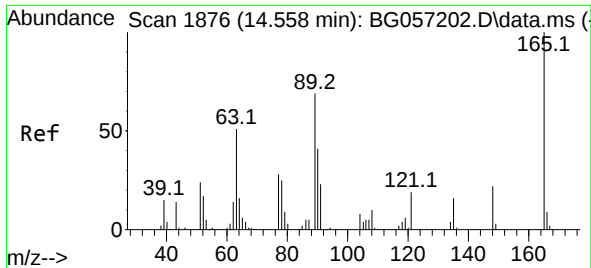


#50
Dimethylphthalate
Concen: 44.955 ng
RT: 14.411 min Scan# 1851
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53



Tgt Ion:163 Resp: 181432
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.3 8.8 13.2





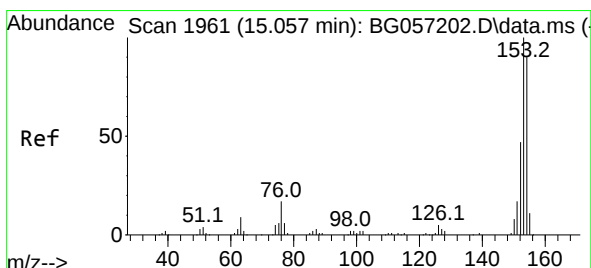
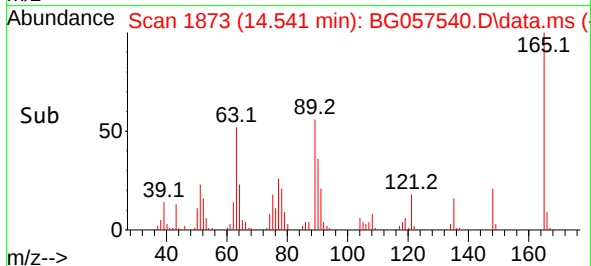
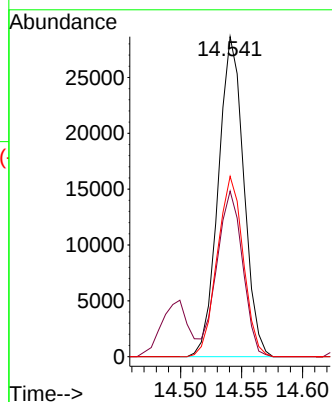
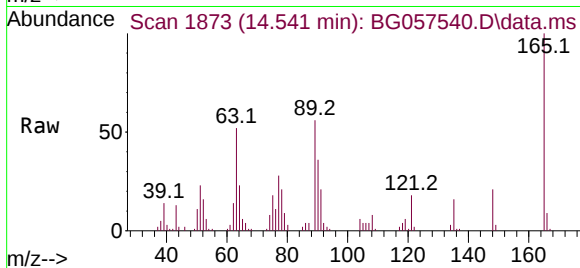
#51
2,6-Dinitrotoluene
Concen: 50.500 ng
RT: 14.541 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Instrument :
BNA_G
ClientSampleId :
TP19MSD

Tgt Ion:165 Resp: 4161
Ion Ratio Lower Upper
165 100
63 51.7 50.9 76.3
89 56.4 55.2 82.8

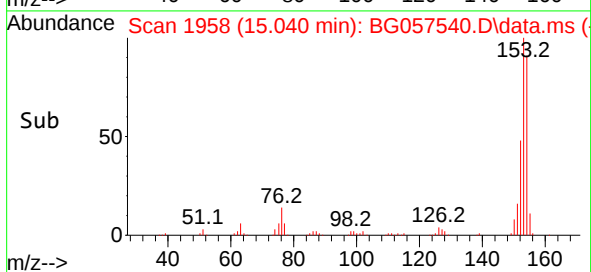
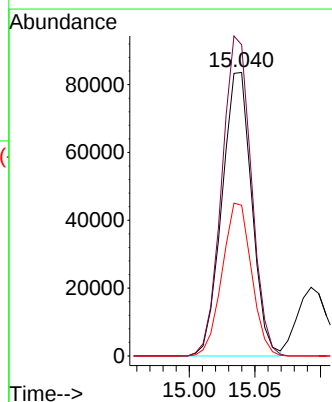
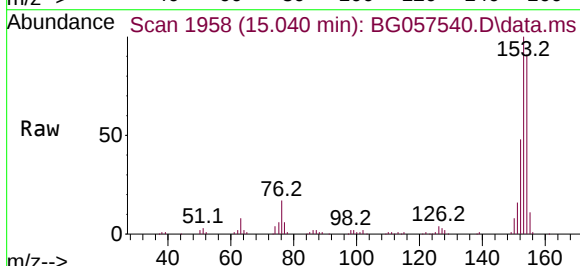
Manual Integrations
APPROVED

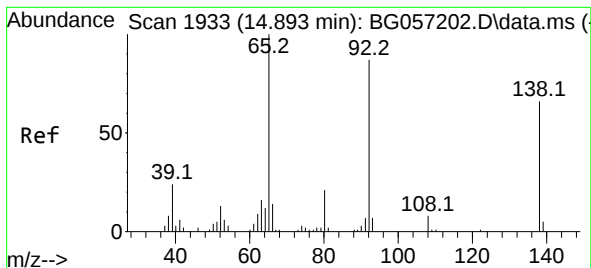
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#52
Acenaphthene
Concen: 47.994 ng
RT: 15.040 min Scan# 1958
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

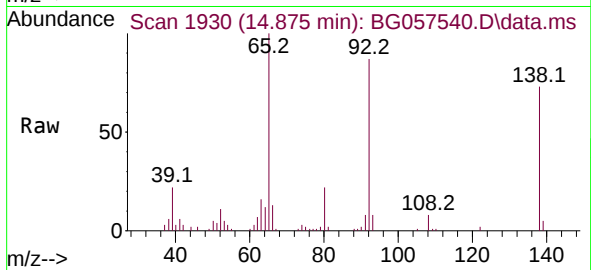
Tgt Ion:154 Resp: 132041
Ion Ratio Lower Upper
154 100
153 109.8 89.3 133.9
152 53.2 41.7 62.5





#53
3-Nitroaniline
Concen: 40.918 ng
RT: 14.875 min Scan# 1933
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

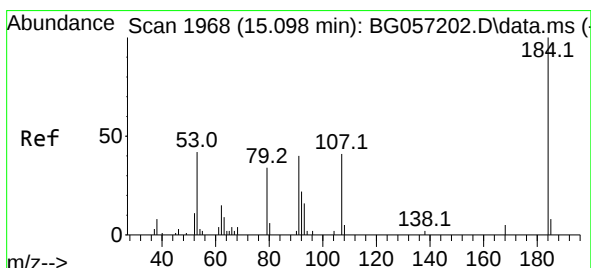
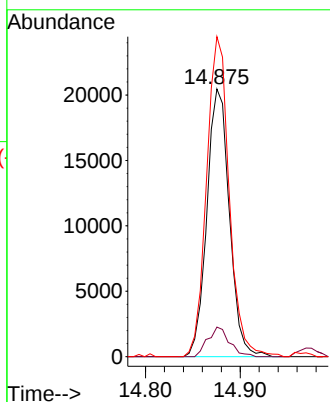
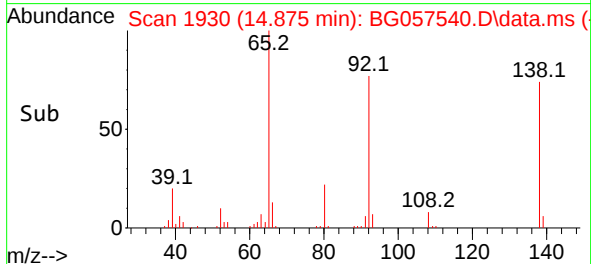
Instrument :
BNA_G
ClientSampleId :
TP19MSD



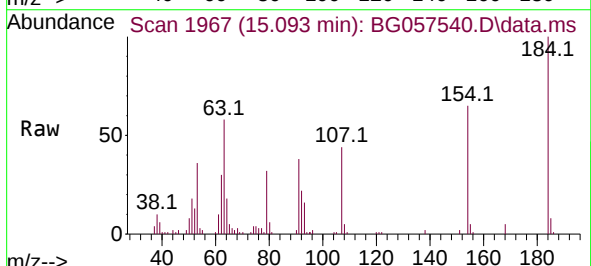
Tgt Ion:138 Resp: 33779
Ion Ratio Lower Upper
138 100
108 11.1 9.5 14.3
92 119.5 106.2 159.4

Manual Integrations
APPROVED

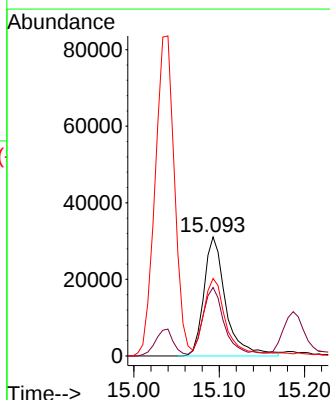
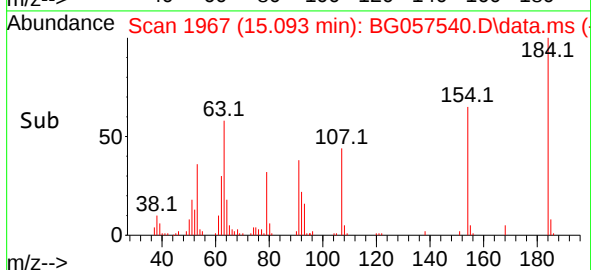
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

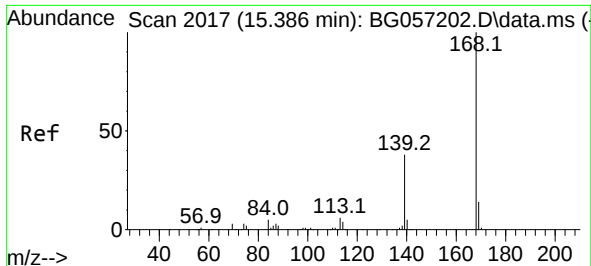


#54
2,4-Dinitrophenol
Concen: 106.827 ng
RT: 15.093 min Scan# 1967
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53



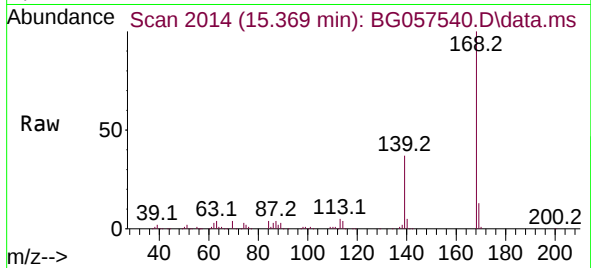
Tgt Ion:184 Resp: 55411
Ion Ratio Lower Upper
184 100
63 57.5 48.2 72.4
154 65.0 55.4 83.2





#55
Dibenzofuran
Concen: 47.288 ng
RT: 15.369 min Scan# 2017
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

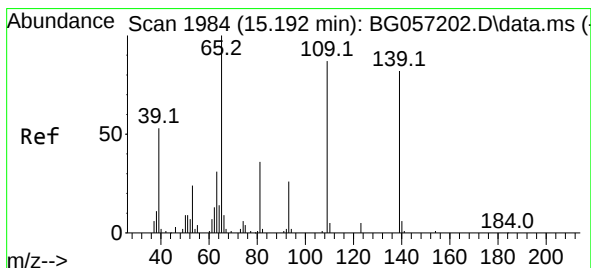
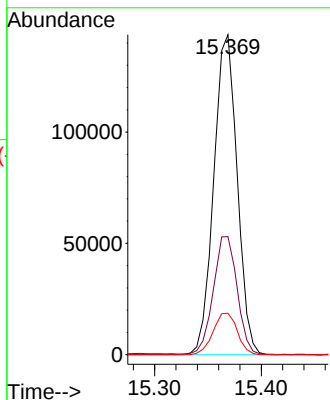
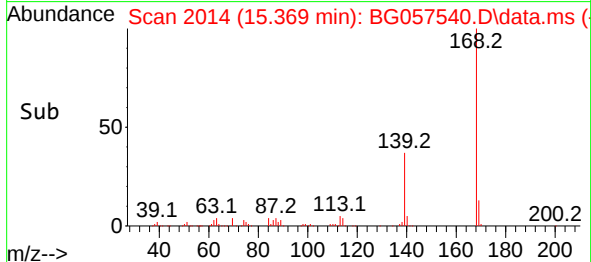
Instrument :
BNA_G
ClientSampleId :
TP19MSD



Tgt Ion:168 Resp: 218589
Ion Ratio Lower Upper
168 100
139 36.9 30.7 46.1
169 13.0 10.9 16.3

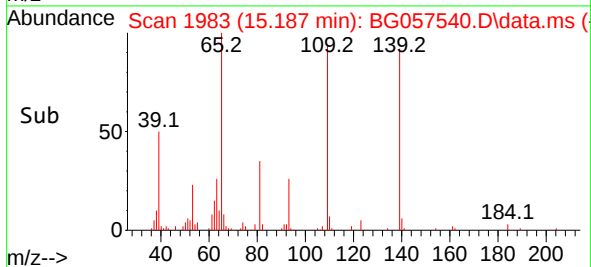
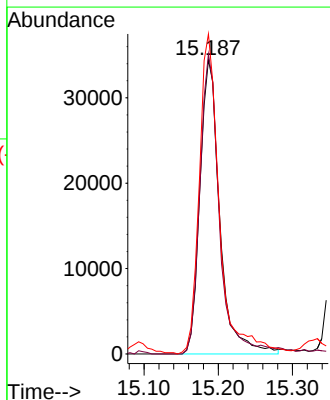
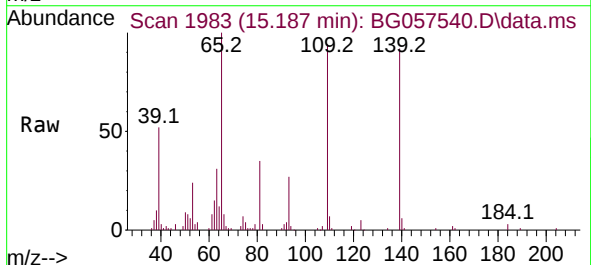
Manual Integrations
APPROVED

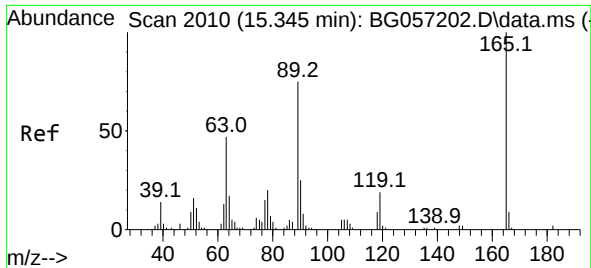
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#56
4-Nitrophenol
Concen: 116.574 ng
RT: 15.187 min Scan# 1983
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

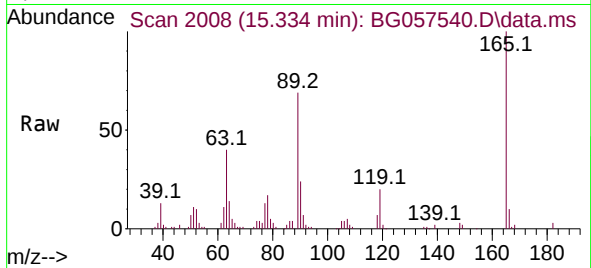
Tgt Ion:139 Resp: 64005
Ion Ratio Lower Upper
139 100
109 102.1 86.6 126.6
65 108.8 102.6 142.6





#57
2,4-Dinitrotoluene
Concen: 50.928 ng
RT: 15.334 min Scan# 2010
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

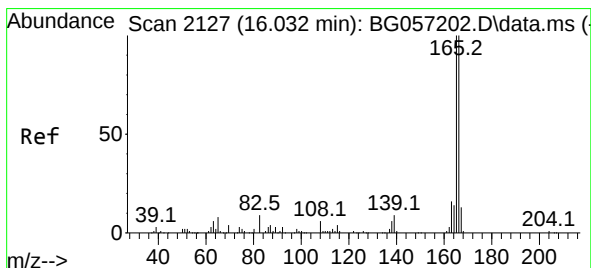
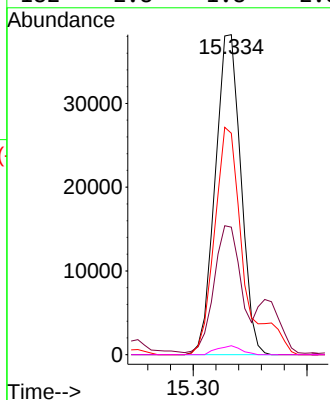
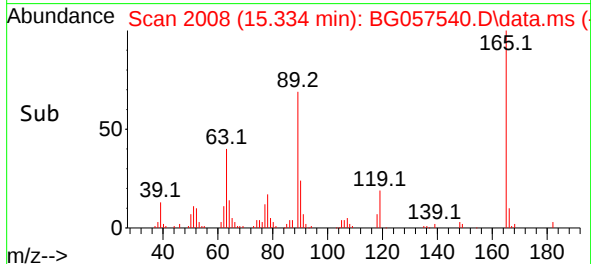
Instrument :
BNA_G
ClientSampleId :
TP19MSD



Tgt Ion:165 Resp: 59970
Ion Ratio Lower Upper
165 100
63 39.9 37.5 56.3
89 69.2 60.2 90.4
182 2.8 1.8 2.8#

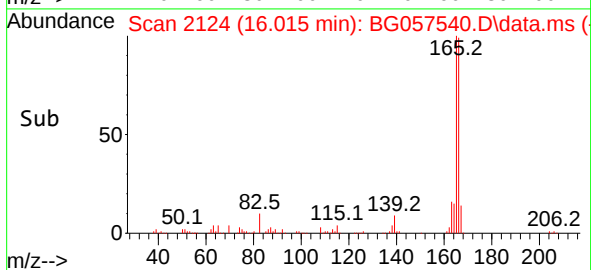
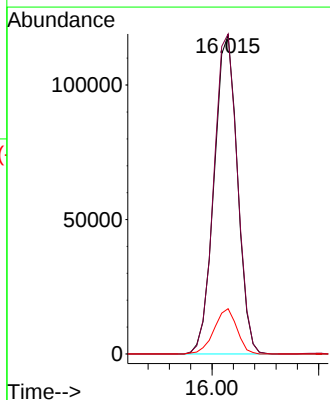
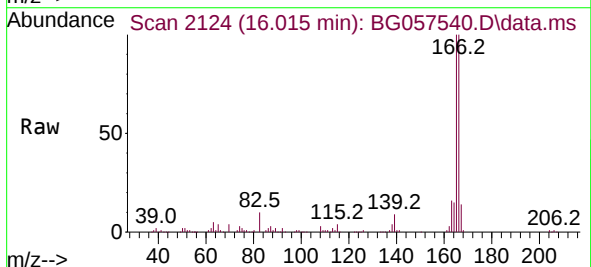
Manual Integrations
APPROVED

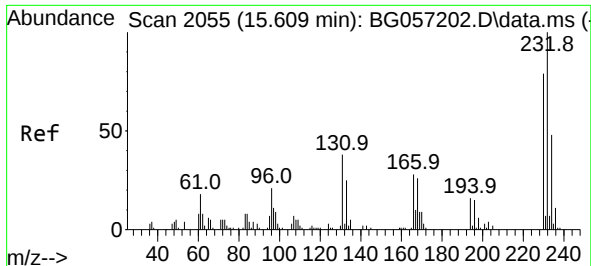
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#58
Fluorene
Concen: 47.173 ng
RT: 16.015 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Tgt Ion:166 Resp: 179614
Ion Ratio Lower Upper
166 100
165 100.4 80.1 120.1
167 14.2 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.476 ng
RT: 15.592 min Scan# 2052
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Instrument :

BNA_G

ClientSampleId :

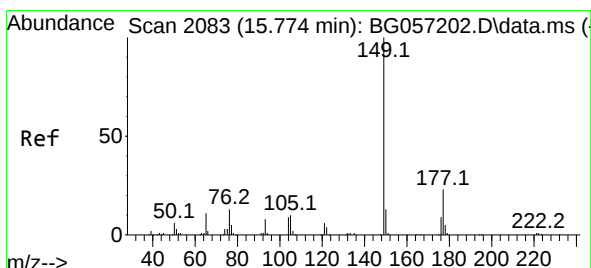
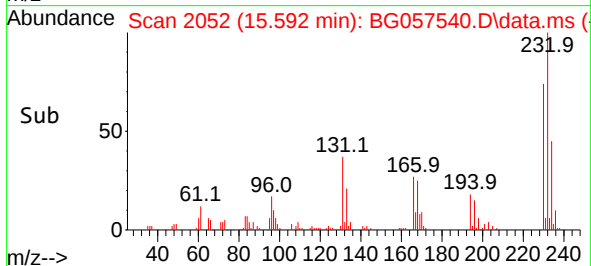
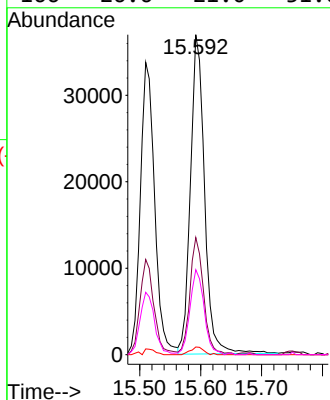
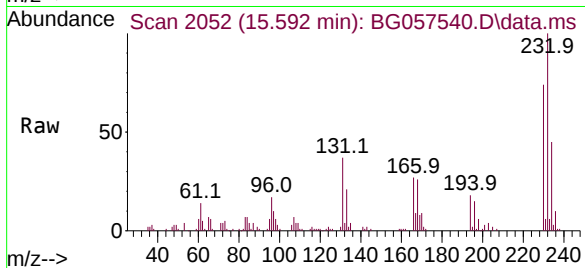
TP19MSD

Tgt Ion:232 Resp: 59440
Ion Ratio Lower Upper
232 100
131 35.4 28.6 42.8
130 2.3 1.6 2.4
166 26.6 21.0 31.6

Manual Integrations

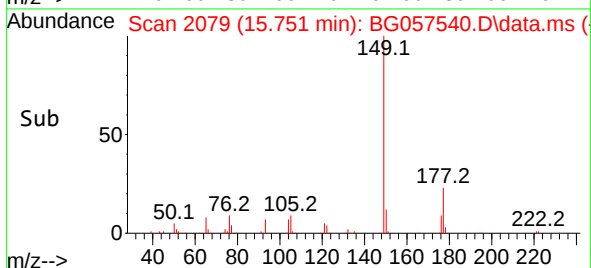
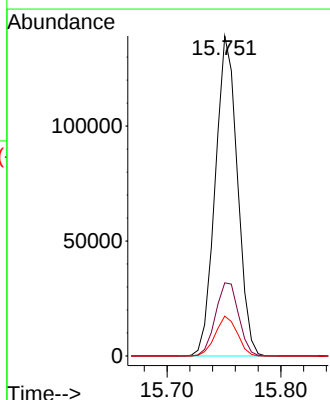
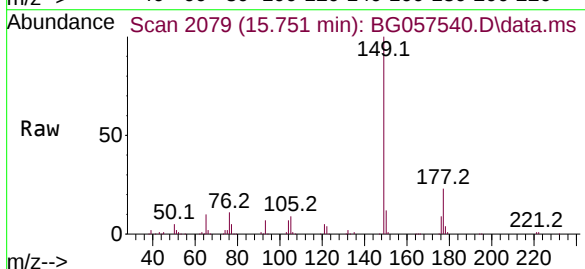
APPROVED

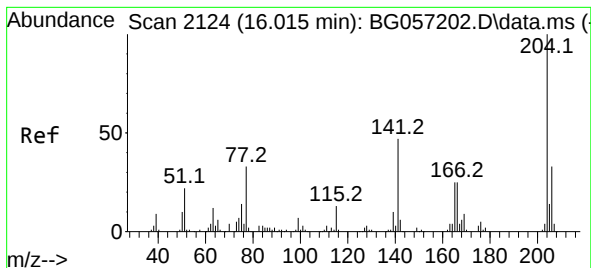
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#60
Diethylphthalate
Concen: 45.919 ng
RT: 15.751 min Scan# 2079
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Tgt Ion:149 Resp: 188203
Ion Ratio Lower Upper
149 100
177 22.8 18.3 27.5
150 12.4 10.1 15.1





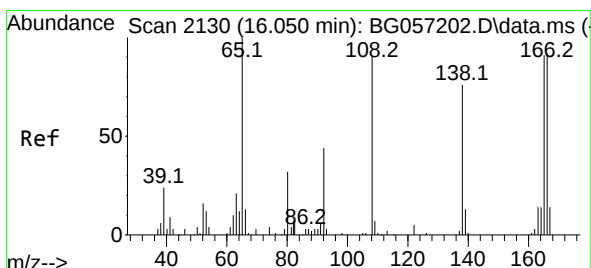
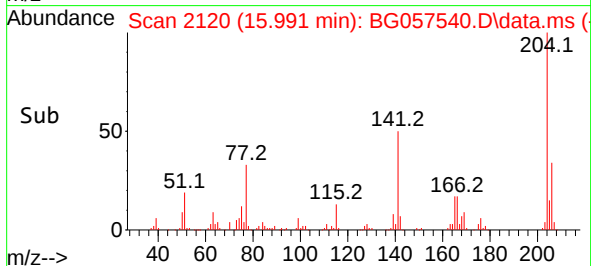
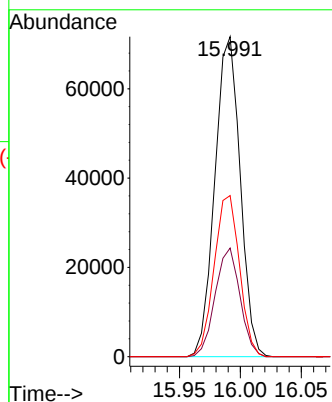
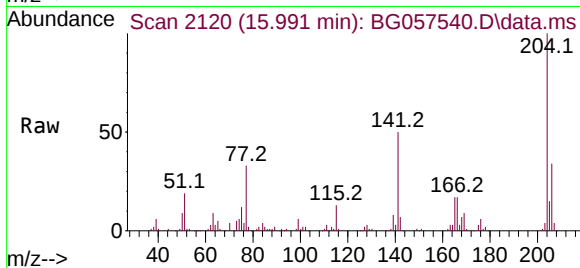
#61
4-Chlorophenyl-phenylether
Concen: 45.106 ng
RT: 15.991 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Instrument :
BNA_G
ClientSampleId :
TP19MSD

Tgt Ion:204 Resp: 103464
Ion Ratio Lower Upper
204 100
206 33.9 26.5 39.7
141 50.4 37.4 56.0

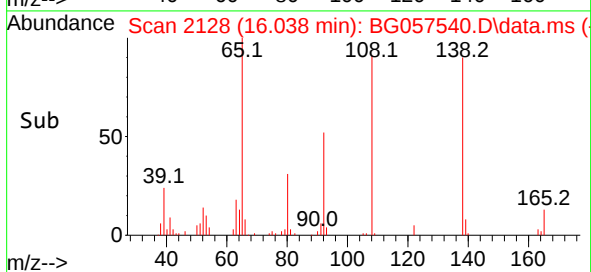
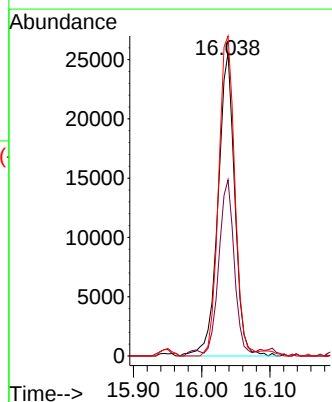
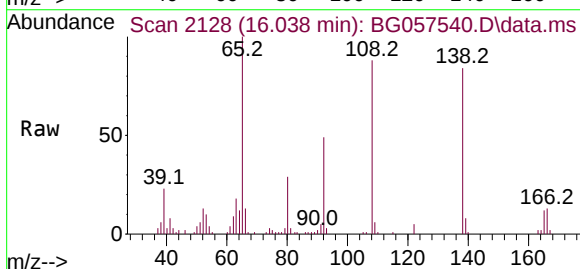
Manual Integrations
APPROVED

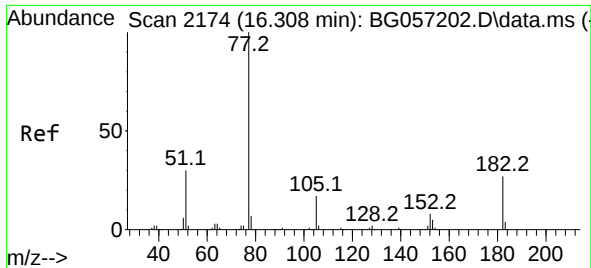
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#62
4-Nitroaniline
Concen: 52.417 ng
RT: 16.038 min Scan# 2128
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Tgt Ion:138 Resp: 43653
Ion Ratio Lower Upper
138 100
92 58.1 38.2 78.2
108 105.5 99.6 139.6





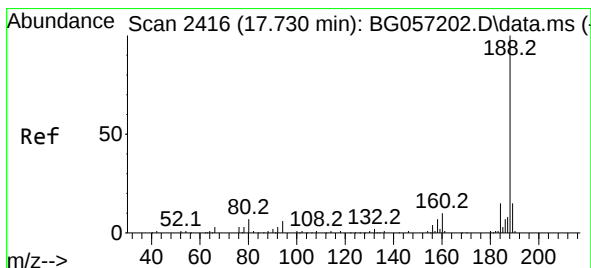
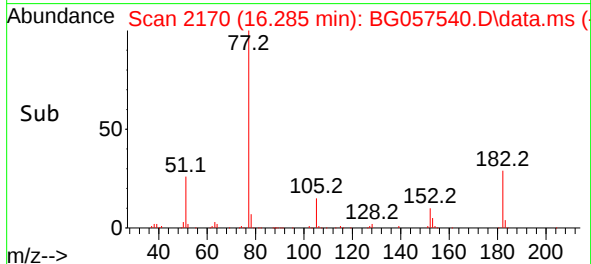
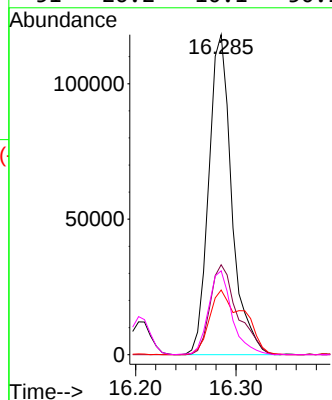
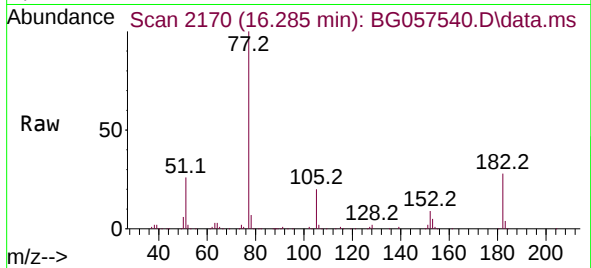
#63
Azobenzene
Concen: 47.606 ng
RT: 16.285 min Scan# 2174
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Instrument :
BNA_G
ClientSampleId :
TP19MSD

Tgt Ion: 77 Resp: 18826
Ion Ratio Lower Upper
77 100
182 28.1 7.4 47.4
105 20.2 0.0 37.2
51 26.2 10.1 50.1

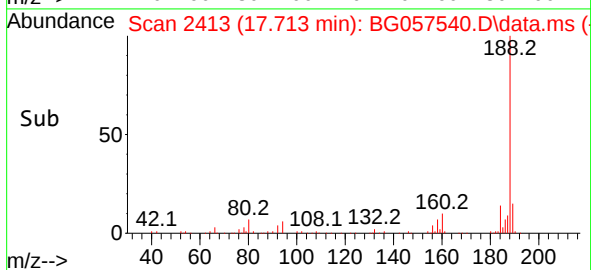
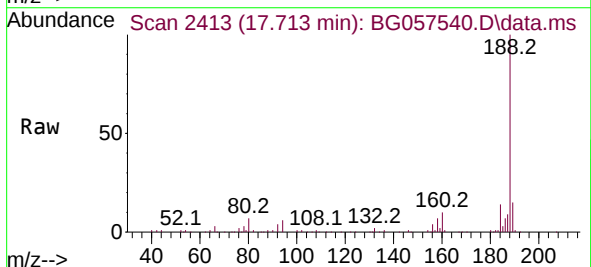
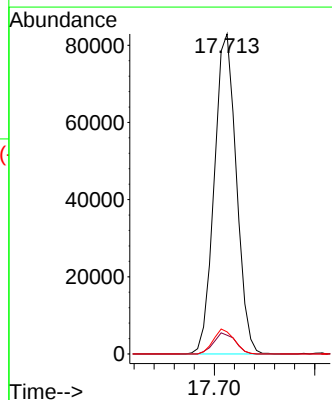
Manual Integrations
APPROVED

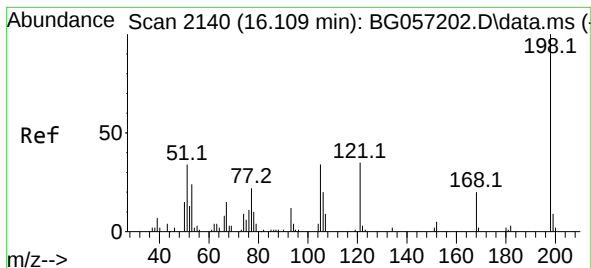
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2413
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

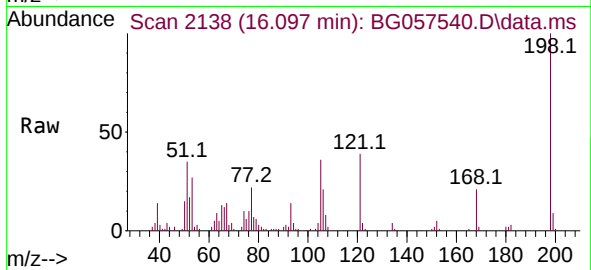
Tgt Ion:188 Resp: 126298
Ion Ratio Lower Upper
188 100
94 5.9 5.1 7.7
80 6.9 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 57.404 ng
RT: 16.097 min Scan# 2140
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

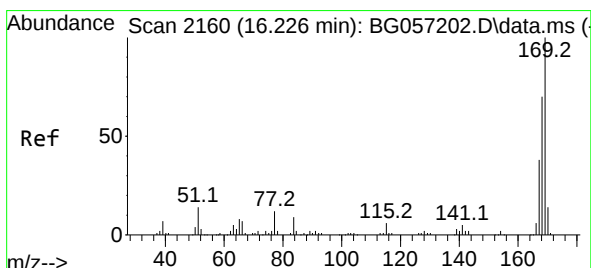
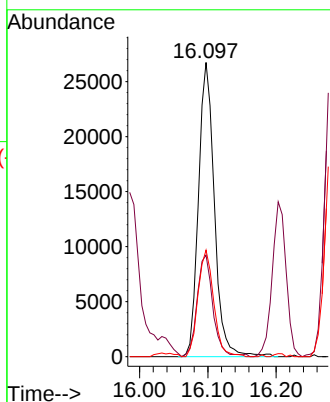
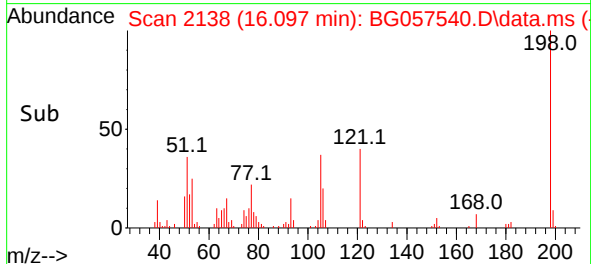
Instrument :
BNA_G
ClientSampleId :
TP19MSD



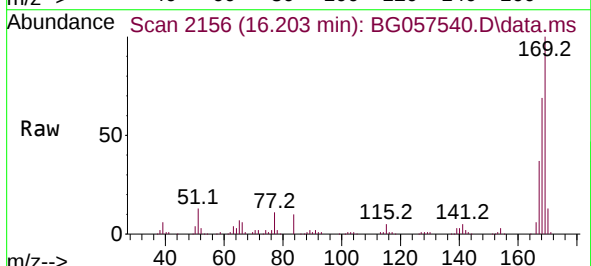
Tgt Ion:198 Resp: 43285
Ion Ratio Lower Upper
198 100
51 34.5 16.1 56.1
105 36.2 14.0 54.0

Manual Integrations
APPROVED

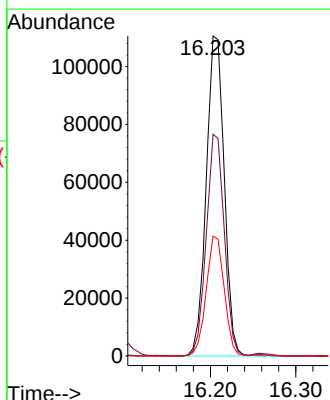
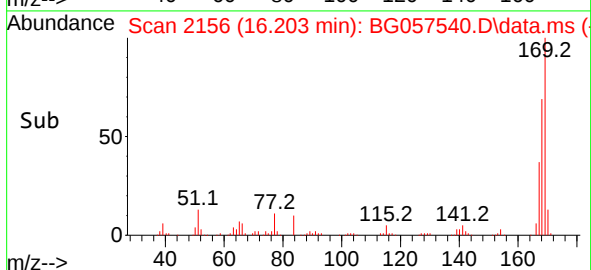
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#66
n-Nitrosodiphenylamine
Concen: 47.139 ng
RT: 16.203 min Scan# 2156
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53



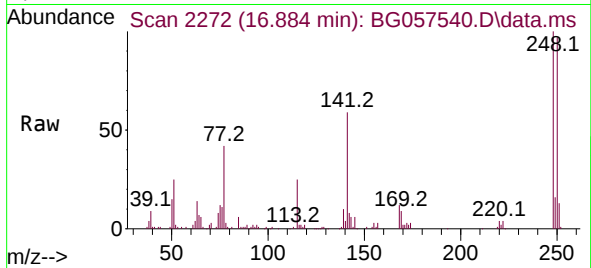
Tgt Ion:169 Resp: 161700
Ion Ratio Lower Upper
169 100
168 69.3 56.2 84.4
167 37.5 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 45.159 ng
RT: 16.884 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

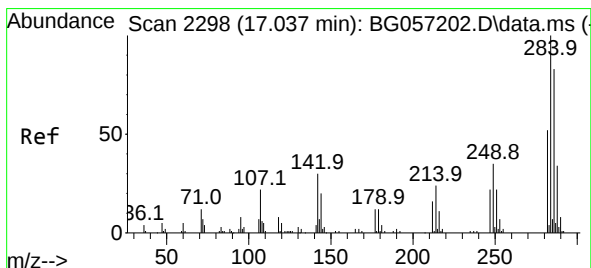
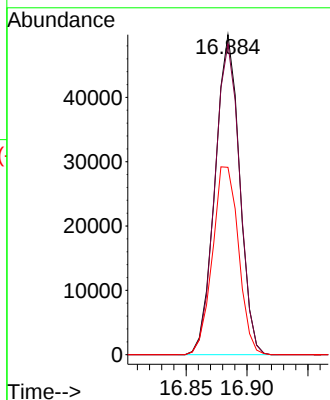
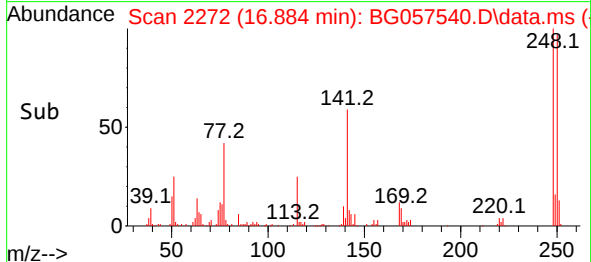
Instrument :
BNA_G
ClientSampleId :
TP19MSD



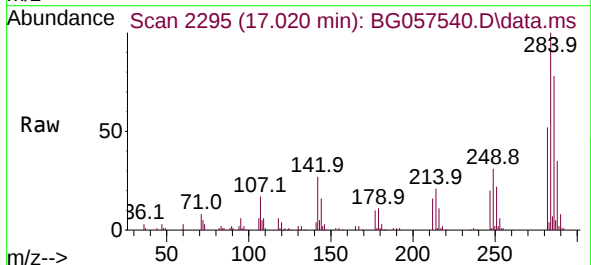
Tgt Ion:248 Resp: 69620
Ion Ratio Lower Upper
248 100
250 97.1 77.0 115.6
141 58.6 48.6 72.8

Manual Integrations
APPROVED

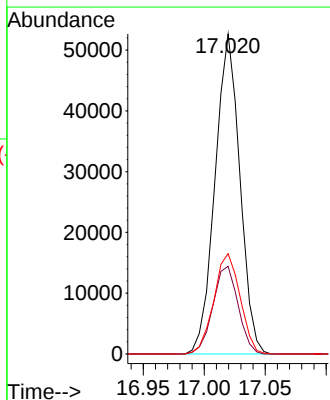
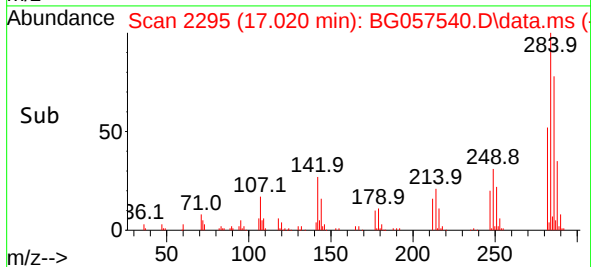
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

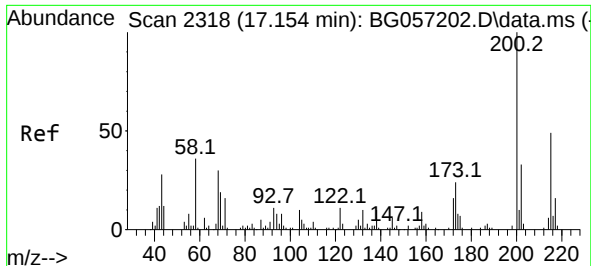


#68
Hexachlorobenzene
Concen: 49.689 ng
RT: 17.020 min Scan# 2295
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53



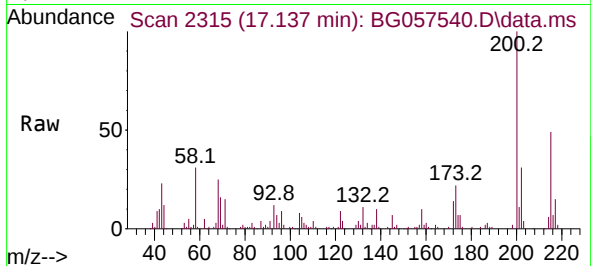
Tgt Ion:284 Resp: 74447
Ion Ratio Lower Upper
284 100
142 27.4 23.9 35.9
249 31.4 27.7 41.5





#69
 Atrazine
 Concen: 59.574 ng
 RT: 17.137 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG057540.D
 Acq: 24 May 2023 18:53

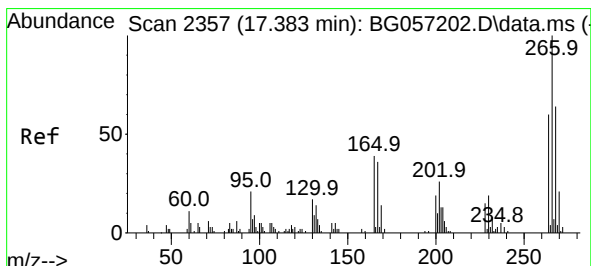
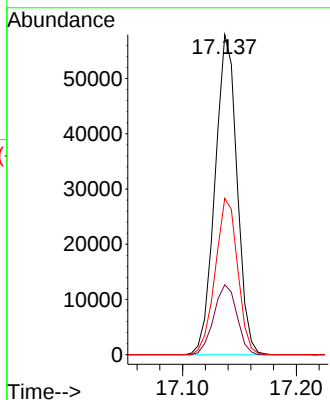
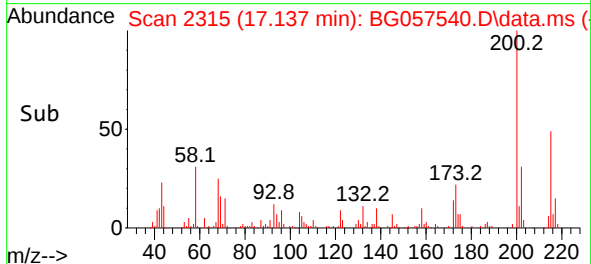
Instrument :
 BNA_G
 ClientSampleId :
 TP19MSD



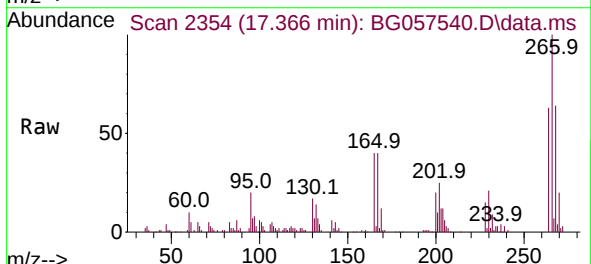
Tgt Ion:200 Resp: 77954
 Ion Ratio Lower Upper
 200 100
 173 21.8 4.3 44.3
 215 48.8 29.3 69.3

Manual Integrations
 APPROVED

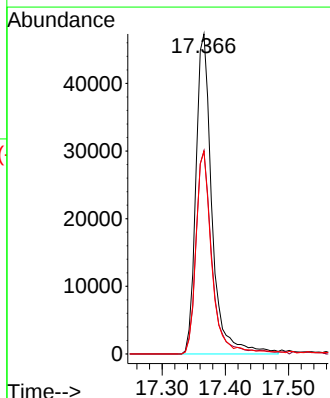
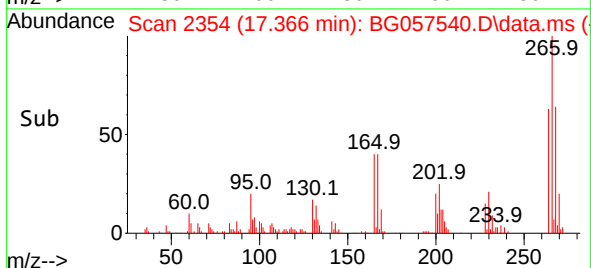
Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023

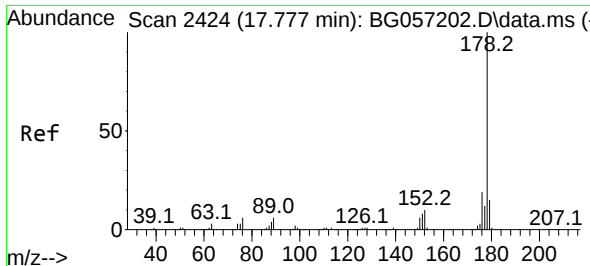


#70
 Pentachlorophenol
 Concen: 96.802 ng
 RT: 17.366 min Scan# 2354
 Delta R.T. -0.011 min
 Lab File: BG057540.D
 Acq: 24 May 2023 18:53



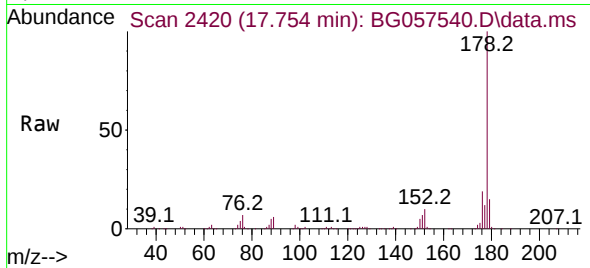
Tgt Ion:266 Resp: 83586
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.0 76.6
 264 63.3 47.8 71.6





#71
Phenanthrene
Concen: 48.789 ng
RT: 17.754 min Scan# 2424
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

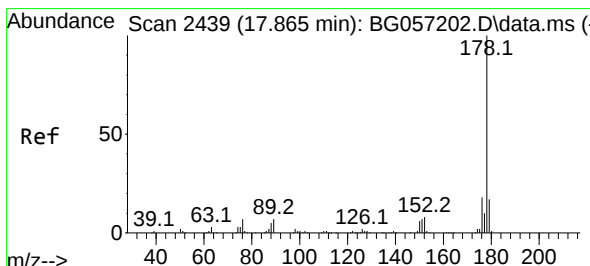
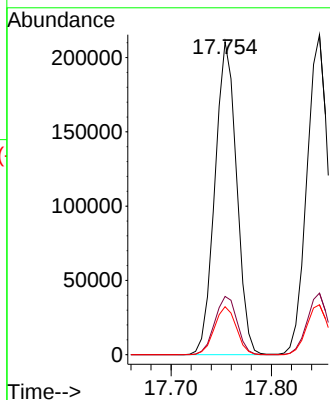
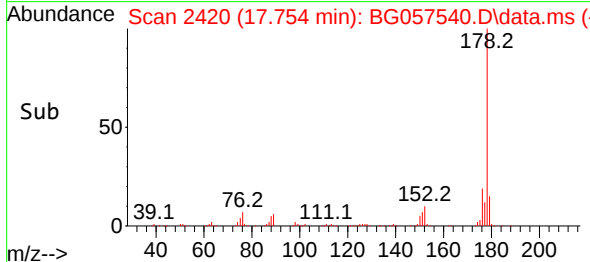
Instrument :
BNA_G
ClientSampleId :
TP19MSD



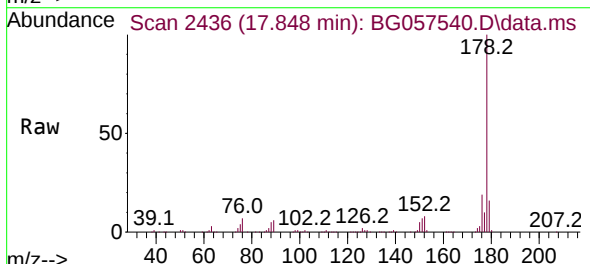
Tgt Ion:178 Resp: 31574
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.4 12.3 18.5

Manual Integrations
APPROVED

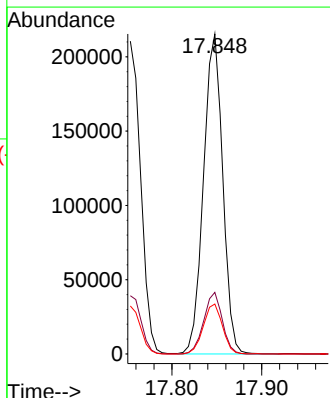
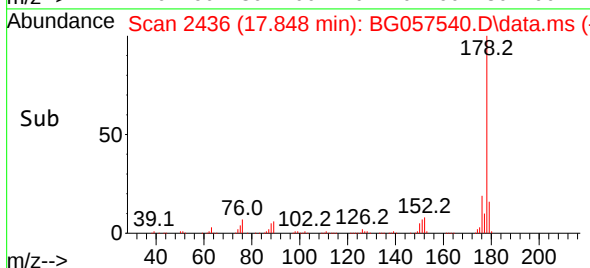
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

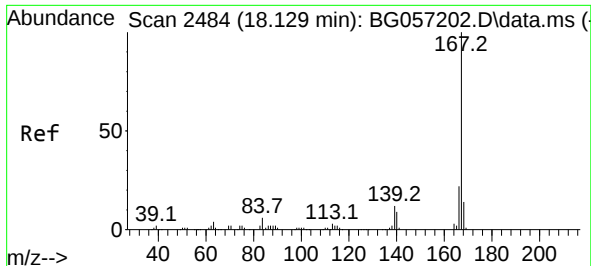


#72
Anthracene
Concen: 48.125 ng
RT: 17.848 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53



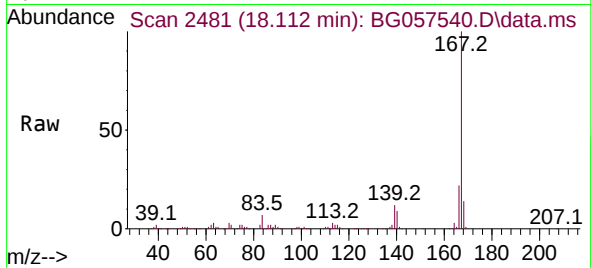
Tgt Ion:178 Resp: 319578
Ion Ratio Lower Upper
178 100
176 19.3 14.7 22.1
179 15.6 13.2 19.8





#73
Carbazole
Concen: 54.026 ng
RT: 18.112 min Scan# 2484
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

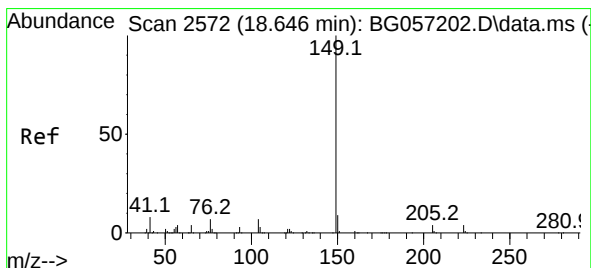
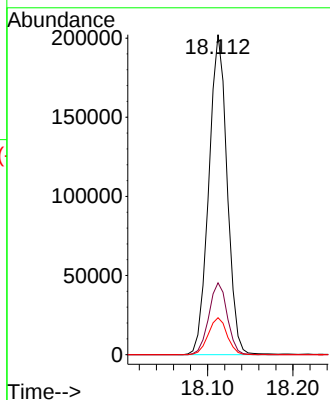
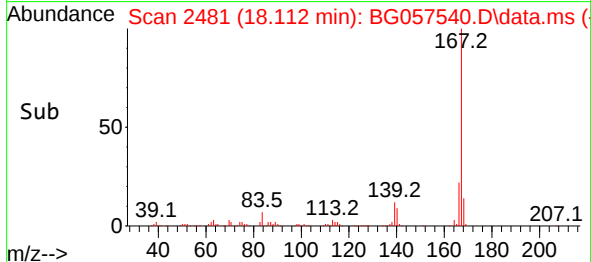
Instrument :
BNA_G
ClientSampleId :
TP19MSD



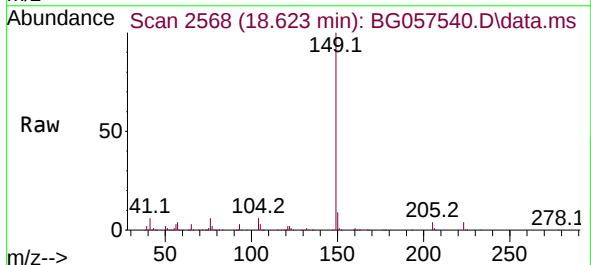
Tgt Ion:167 Resp: 302030
Ion Ratio Lower Upper
167 100
166 22.5 17.4 26.0
139 11.6 9.6 14.4

Manual Integrations
APPROVED

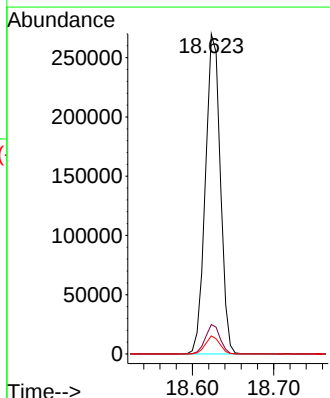
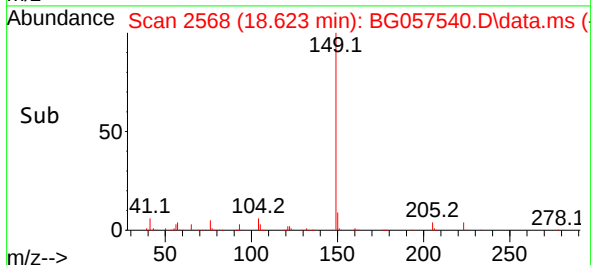
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

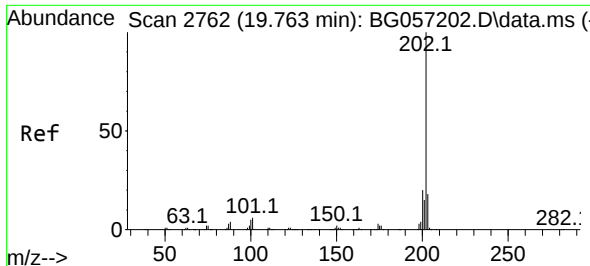


#74
Di-n-butylphthalate
Concen: 53.440 ng
RT: 18.623 min Scan# 2568
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53



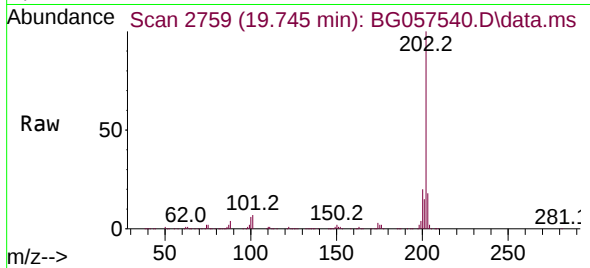
Tgt Ion:149 Resp: 343732
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 5.6 5.4 8.2





#75
Fluoranthene
Concen: 51.055 ng
RT: 19.745 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

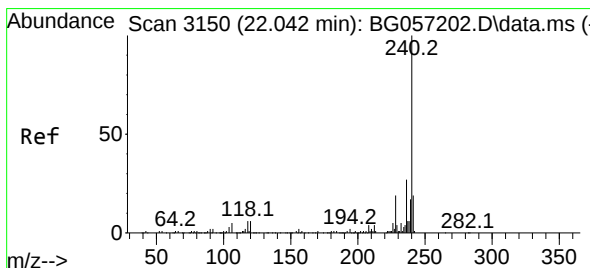
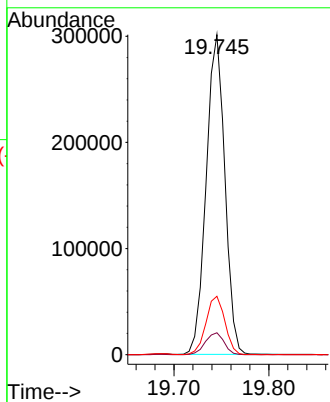
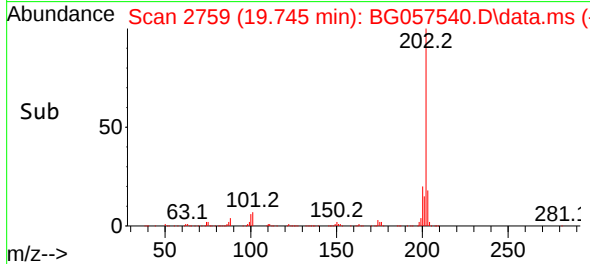
Instrument :
BNA_G
ClientSampleId :
TP19MSD



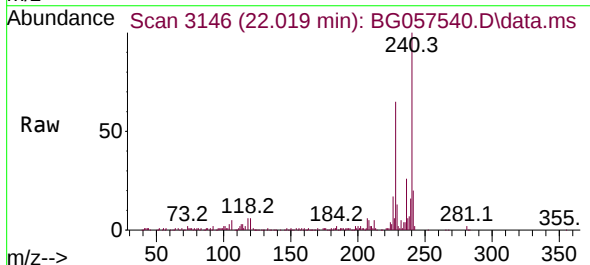
Tgt Ion:202 Resp: 41094
Ion Ratio Lower Upper
202 100
101 6.9 0.0 26.2
203 18.3 0.0 37.9

Manual Integrations
APPROVED

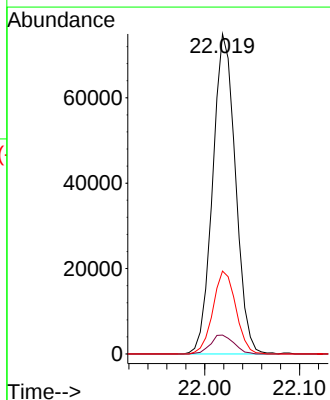
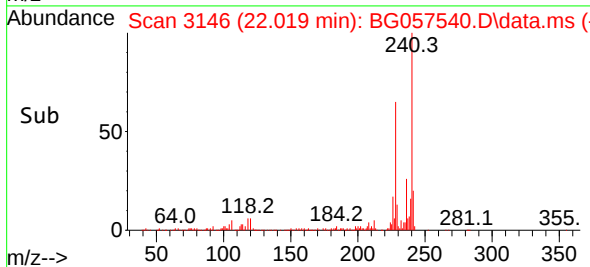
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

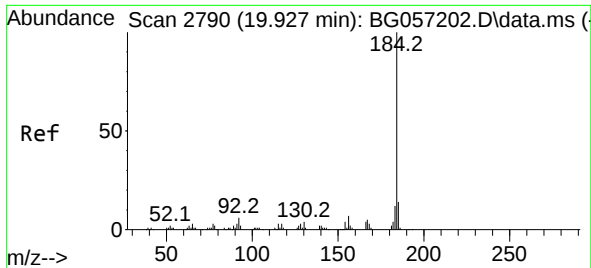


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3146
Delta R.T. -0.017 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53



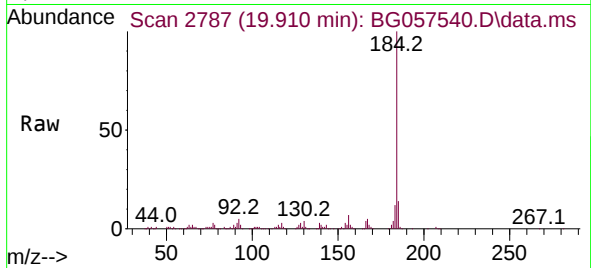
Tgt Ion:240 Resp: 125138
Ion Ratio Lower Upper
240 100
120 5.9 4.9 7.3
236 25.9 21.4 32.2





#77
Benzidine
Concen: 81.191 ng
RT: 19.910 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

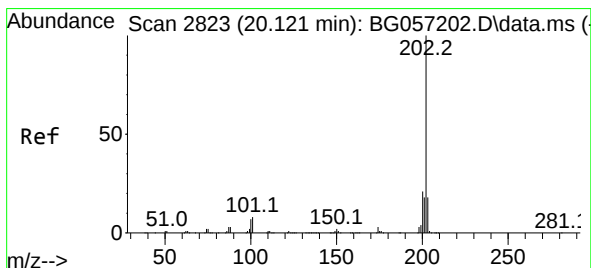
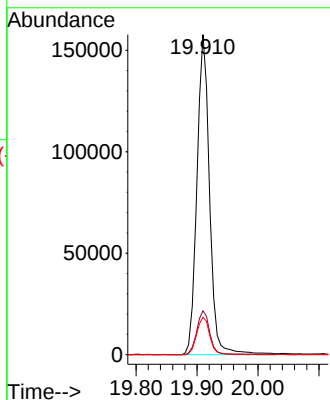
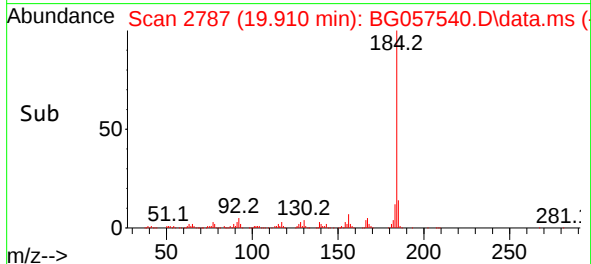
Instrument :
BNA_G
ClientSampleId :
TP19MSD



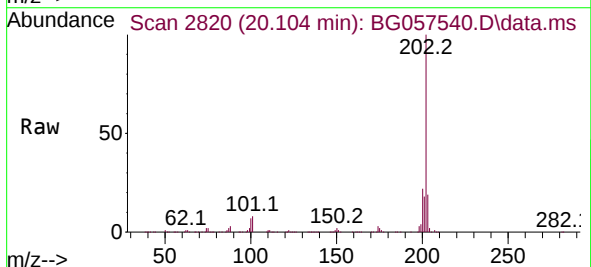
Tgt Ion:184 Resp: 22714
Ion Ratio Lower Upper
184 100
185 13.7 11.1 16.7
183 11.7 9.9 14.9

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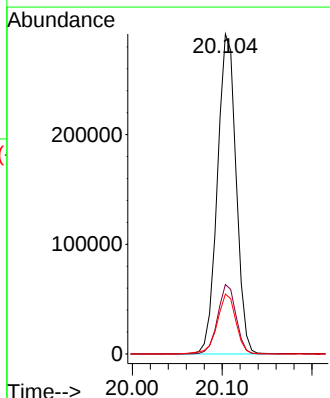
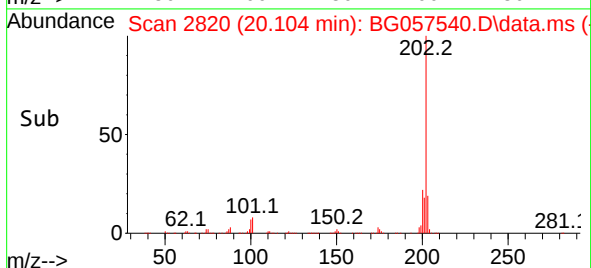
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

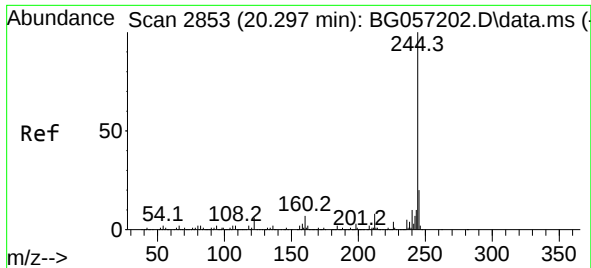


#78
Pyrene
Concen: 46.383 ng
RT: 20.104 min Scan# 2820
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53



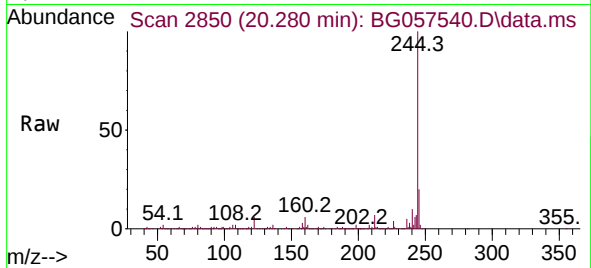
Tgt Ion:202 Resp: 421773
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.4
203 18.7 14.2 21.4





#79
 Terphenyl-d14
 Concen: 68.466 ng
 RT: 20.280 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG057540.D
 Acq: 24 May 2023 18:53

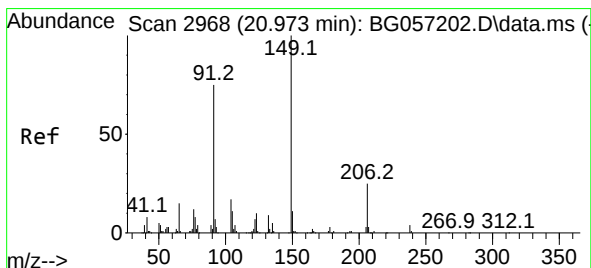
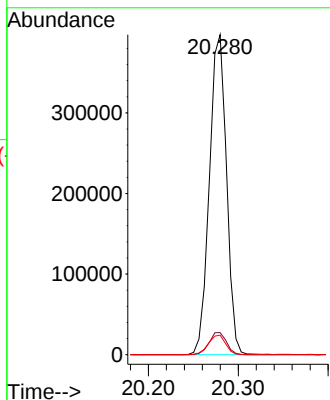
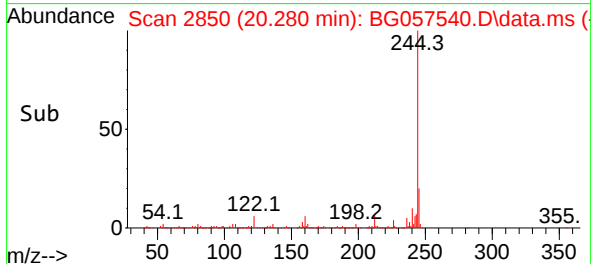
Instrument :
 BNA_G
 ClientSampleId :
 TP19MSD



Tgt Ion:244 Resp: 525000
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 6.1 5.1 7.7

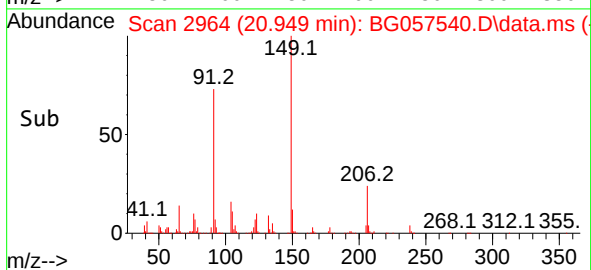
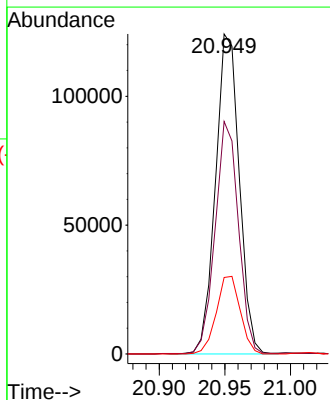
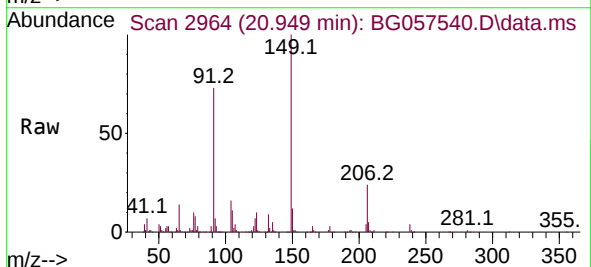
Manual Integrations
 APPROVED

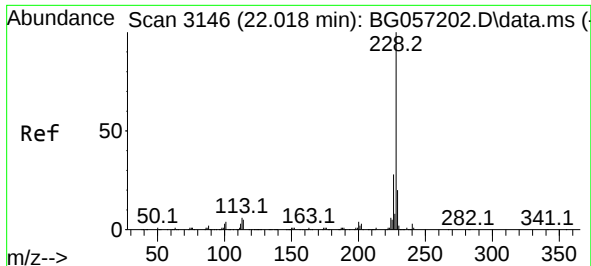
Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#80
 Butylbenzylphthalate
 Concen: 54.143 ng
 RT: 20.949 min Scan# 2964
 Delta R.T. -0.011 min
 Lab File: BG057540.D
 Acq: 24 May 2023 18:53

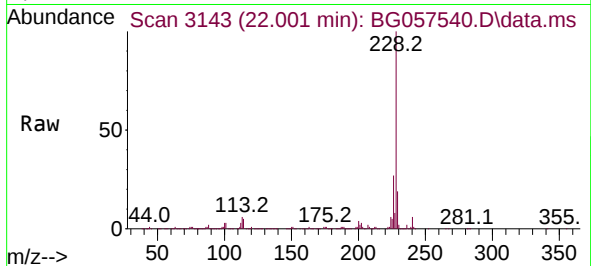
Tgt Ion:149 Resp: 156214
 Ion Ratio Lower Upper
 149 100
 91 72.7 59.7 89.5
 206 23.9 19.7 29.5





#81
Benzo(a)anthracene
Concen: 47.889 ng
RT: 22.001 min Scan# 3146
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

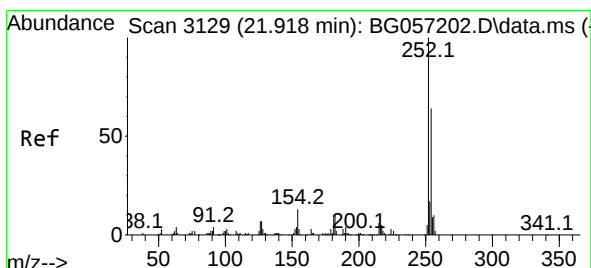
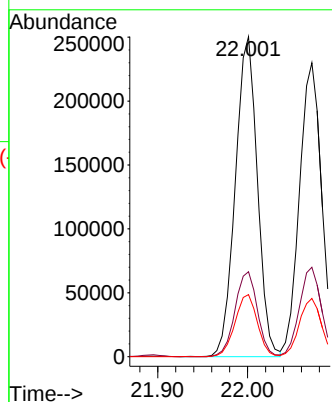
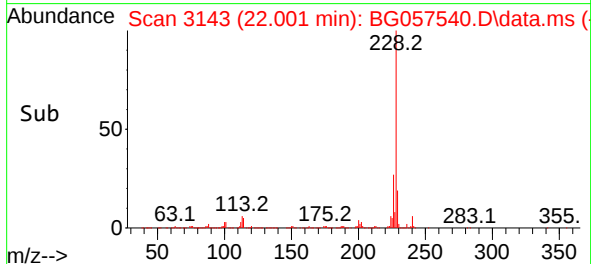
Instrument :
BNA_G
ClientSampleId :
TP19MSD



Tgt Ion:228 Resp: 42696
Ion Ratio Lower Upper
228 100
226 26.6 22.0 33.0
229 19.4 15.8 23.8

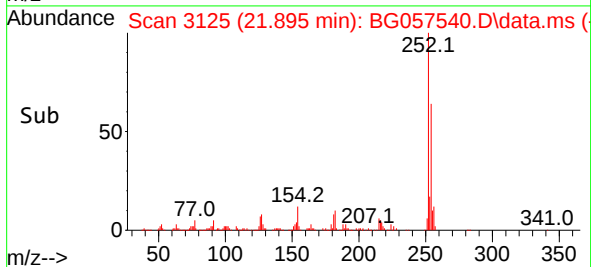
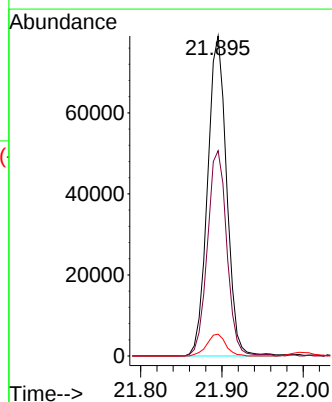
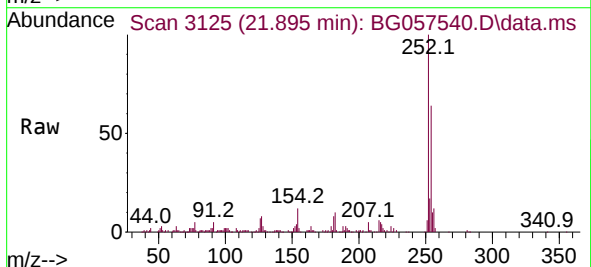
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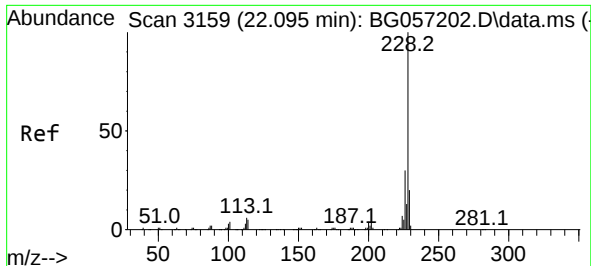
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#82
3,3'-Dichlorobenzidine
Concen: 44.950 ng
RT: 21.895 min Scan# 3125
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

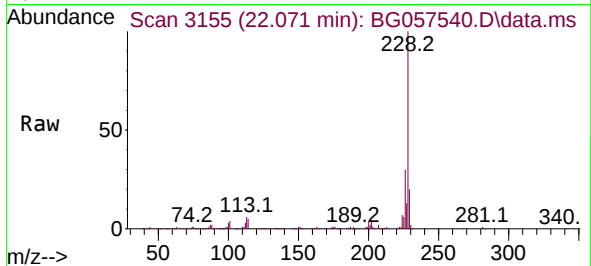
Tgt Ion:252 Resp: 128365
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.0
126 6.8 5.9 8.9





#83
Chrysene
Concen: 46.745 ng
RT: 22.071 min Scan# 3115
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

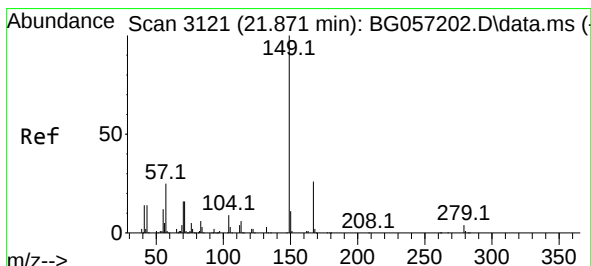
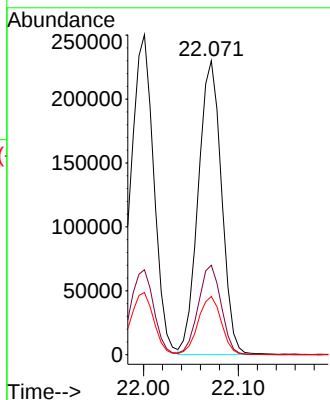
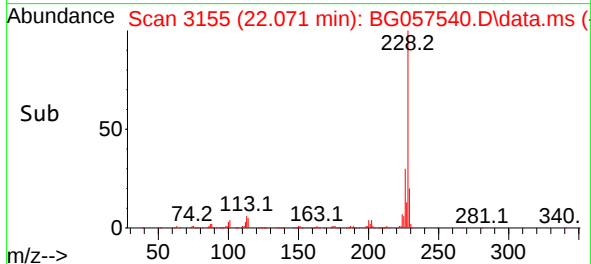
Instrument :
BNA_G
ClientSampleId :
TP19MSD



Tgt Ion:228 Resp: 392125
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 19.8 15.9 23.9

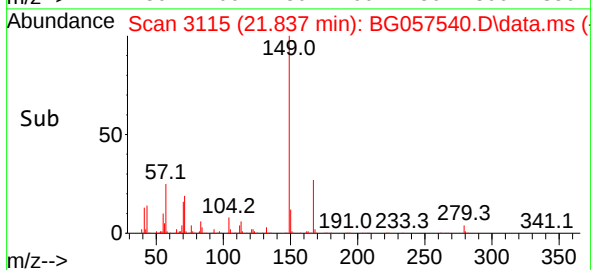
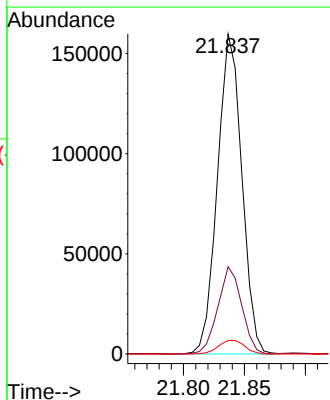
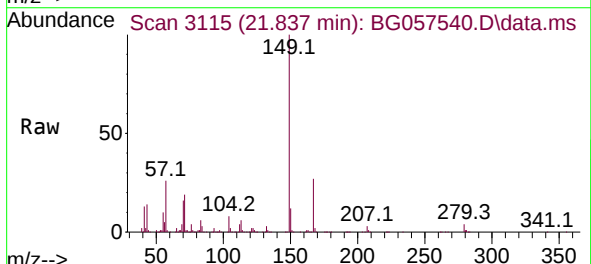
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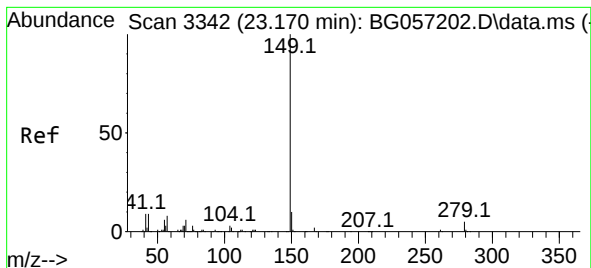
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.162 ng
RT: 21.837 min Scan# 3115
Delta R.T. -0.011 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

Tgt Ion:149 Resp: 222673
Ion Ratio Lower Upper
149 100
167 27.3 21.2 31.8
279 4.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 52.693 ng

RT: 23.129 min Scan# 31

Delta R.T. -0.017 min

Lab File: BG057540.D

Acq: 24 May 2023 18:53

Instrument :

BNA_G

ClientSampleId :

TP19MSD

Tgt Ion:149 Resp: 375000

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

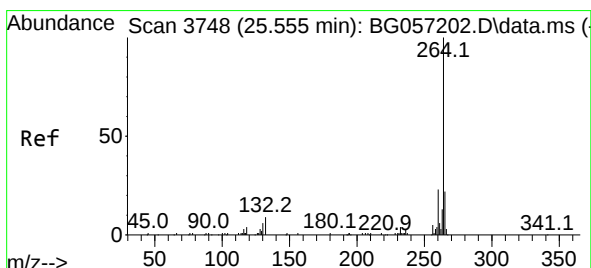
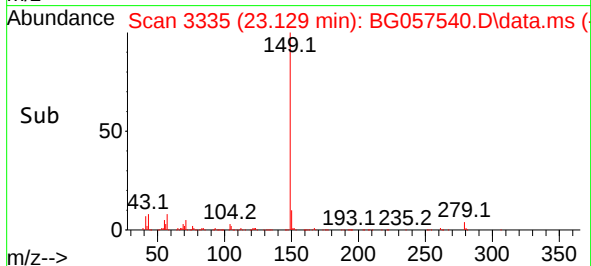
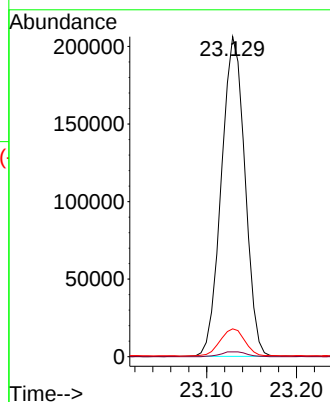
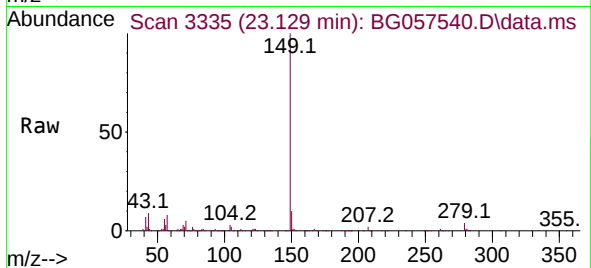
43 8.9 7.8 11.8

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: 25.514 min Scan# 3741

Delta R.T. -0.029 min

Lab File: BG057540.D

Acq: 24 May 2023 18:53

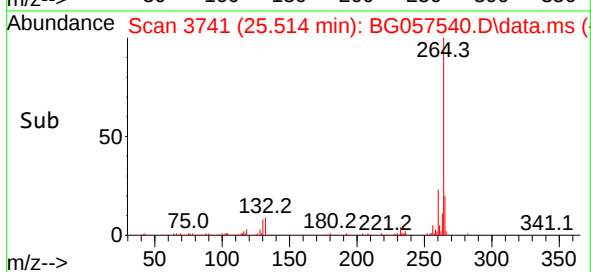
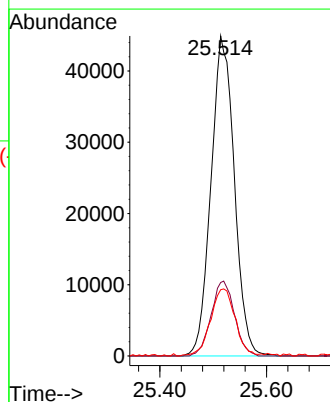
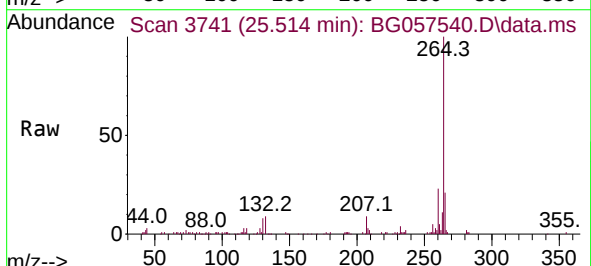
Tgt Ion:264 Resp: 136308

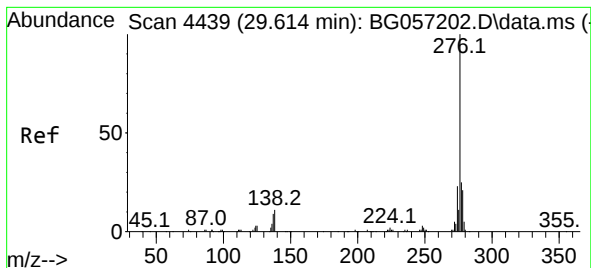
Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

265 20.7 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.734 ng

RT: 29.579 min Scan# 4439

Delta R.T. -0.040 min

Lab File: BG057540.D

Acq: 24 May 2023 18:53

Instrument :

BNA_G

ClientSampleId :

TP19MSD

Tgt Ion:276 Resp: 47420

Ion Ratio Lower Upper

276 100

138 14.8 5.4 8.0

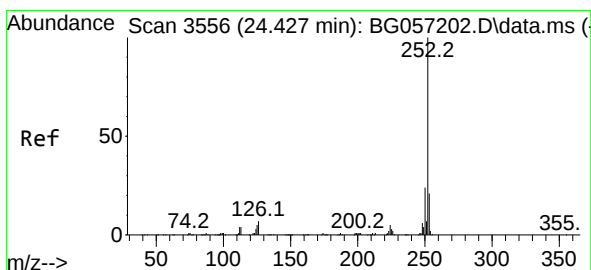
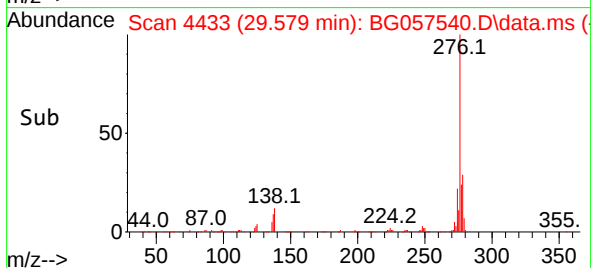
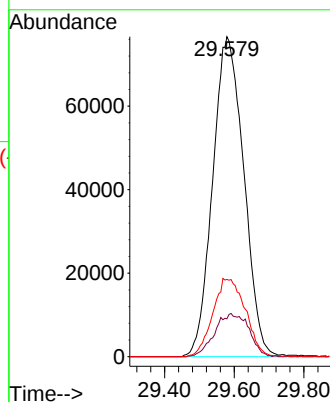
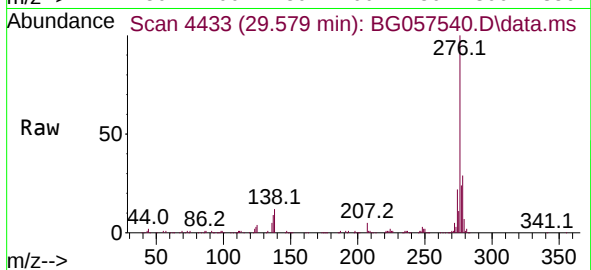
277 0.0 20.6 30.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/25/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#88

Benzo(b)fluoranthene

Concen: 47.987 ng

RT: 24.398 min Scan# 3551

Delta R.T. -0.023 min

Lab File: BG057540.D

Acq: 24 May 2023 18:53

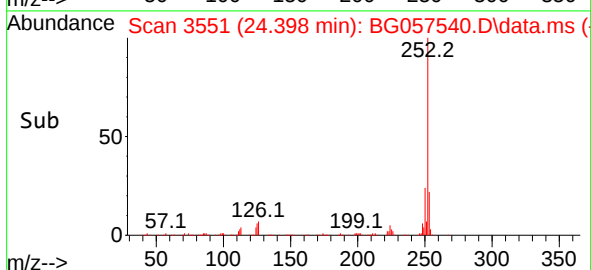
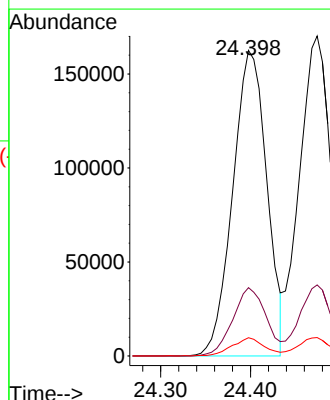
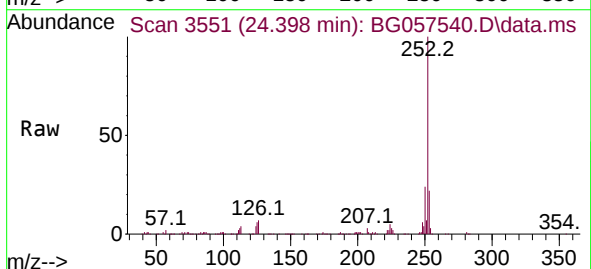
Tgt Ion:252 Resp: 427582

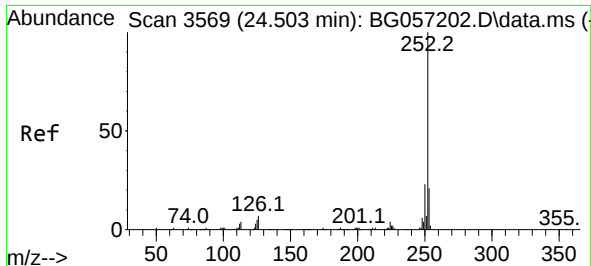
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

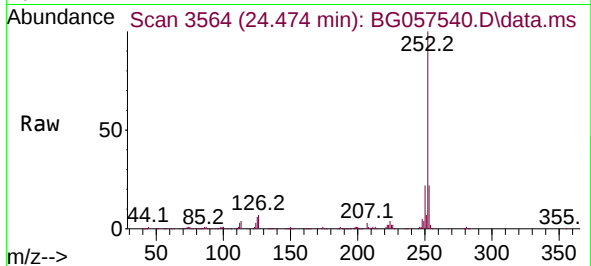
125 6.0 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 46.734 ng
RT: 24.474 min Scan# 31
Delta R.T. -0.023 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

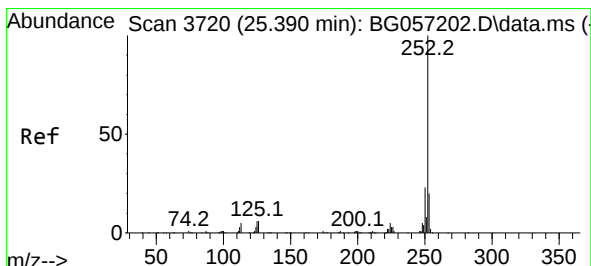
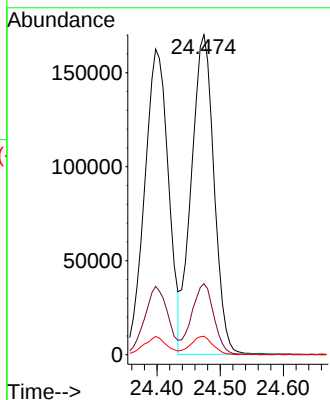
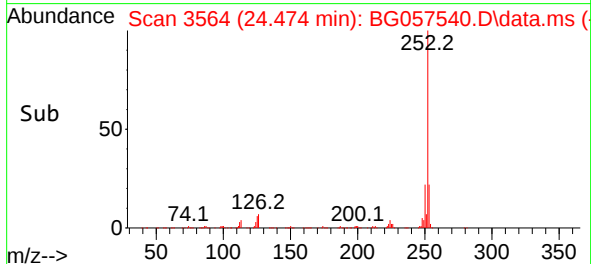
Instrument :
BNA_G
ClientSampleId :
TP19MSD



Tgt Ion:252 Resp: 42315
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 5.7 4.1 6.1

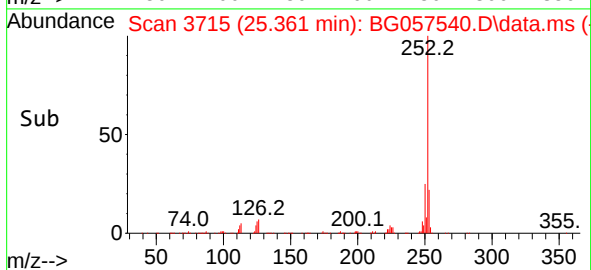
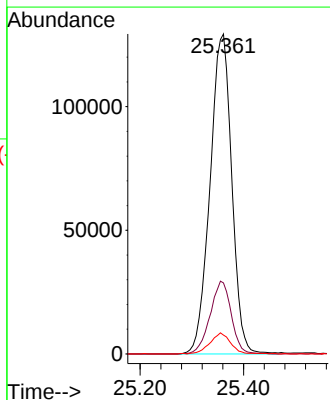
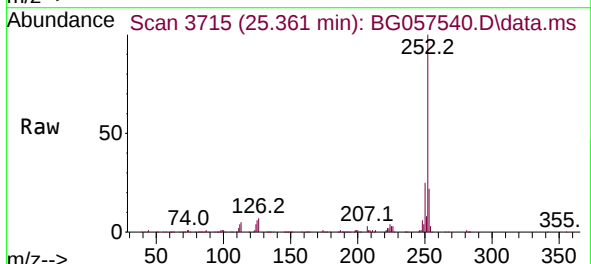
Manual Integrations
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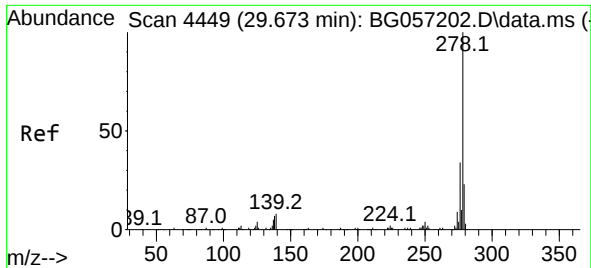
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#90
Benzo(a)pyrene
Concen: 43.334 ng
RT: 25.361 min Scan# 3715
Delta R.T. -0.023 min
Lab File: BG057540.D
Acq: 24 May 2023 18:53

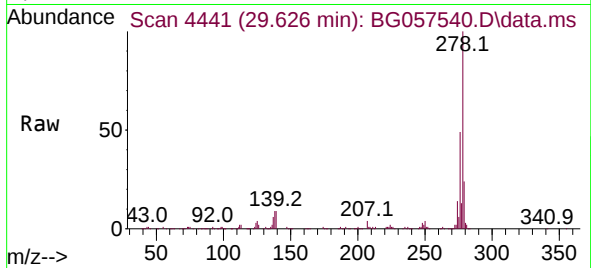
Tgt Ion:252 Resp: 377229
Ion Ratio Lower Upper
252 100
253 22.2 16.3 24.5
125 5.9 5.0 7.4





#91
 Dibenzo(a,h)anthracene
 Concen: 48.215 ng
 RT: 29.626 min Scan# 4441
 Delta R.T. -0.034 min
 Lab File: BG057540.D
 Acq: 24 May 2023 18:53

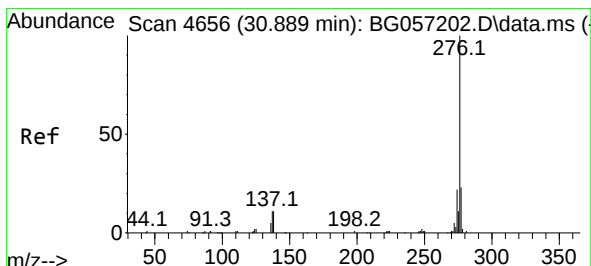
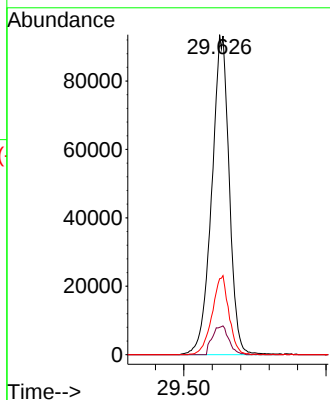
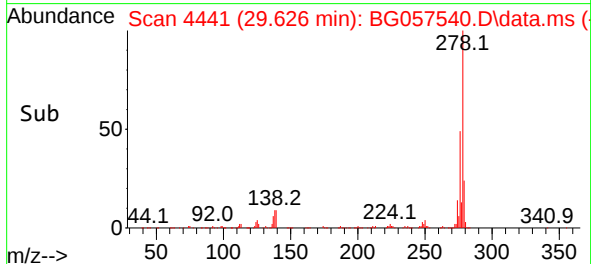
Instrument :
 BNA_G
 ClientSampleId :
 TP19MSD



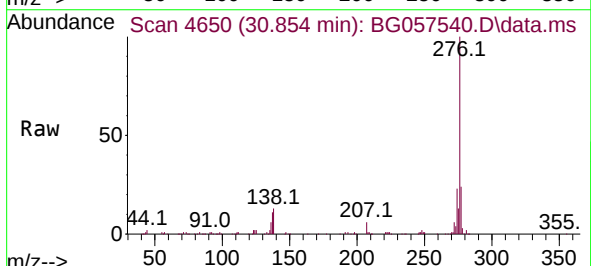
Tgt Ion:278 Resp: 39889
 Ion Ratio Lower Upper
 278 100
 139 8.5 6.2 9.2
 279 23.8 18.6 27.8

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



#92
 Benzo(g,h,i)perylene
 Concen: 47.656 ng
 RT: 30.854 min Scan# 4650
 Delta R.T. -0.040 min
 Lab File: BG057540.D
 Acq: 24 May 2023 18:53



Tgt Ion:276 Resp: 384973
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.4 27.6
 138 13.1 9.0 13.4

