

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
 Data File : BG056080.D
 Acq On : 23 Dec 2022 15:48
 Operator : CG/JU
 Sample : N6157-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221419-COMPOSITE-BMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/24/2022
 Supervised By : Yogesh Patel 12/26/2022

Quant Time: Dec 24 00:06:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:09:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.353	152	8522	20.000	ng	0.00
21) Naphthalene-d8	11.190	136	32627	20.000	ng	# 0.00
39) Acenaphthene-d10	14.968	164	31052	20.000	ng	0.00
64) Phenanthrene-d10	17.706	188	90635	20.000	ng	# 0.00
76) Chrysene-d12	22.013	240	98571	20.000	ng	0.00
86) Perylene-d12	25.497	264	117326	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.873	112	50200	138.146	ng	0.00
7) Phenol-d6	7.489	99	62091	132.854	ng	0.00
23) Nitrobenzene-d5	9.528	82	39567	84.747	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	97975	130.850	ng	0.00
45) 2-Fluorobiphenyl	13.593	172	127215	57.457	ng	0.00
79) Terphenyl-d14	20.280	244	303223	54.368	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.693	88	5618	53.125	ng	92
3) Pyridine	4.105	79	14939	42.925	ng	96
4) n-Nitrosodimethylamine	4.016	42	13388	42.794	ng	89
6) Aniline	7.665	93	22284	39.824	ng	95
8) 2-Chlorophenol	7.912	128	24060	51.321	ng	91
9) Benzaldehyde	7.483	77	13226	45.061	ng	96
10) Phenol	7.518	94	27171	53.120	ng	94
11) bis(2-Chloroethyl)ether	7.759	93	15717	47.173	ng	92
12) 1,3-Dichlorobenzene	8.247	146	27349	45.097	ng	91
13) 1,4-Dichlorobenzene	8.394	146	28468	45.933	ng	99
14) 1,2-Dichlorobenzene	8.717	146	26998	45.581	ng	97
15) Benzyl Alcohol	8.588	79	22797	46.944	ng	88
16) 2,2'-oxybis(1-Chloropr...	8.875	45	23606m	54.437	ng	
17) 2-Methylphenol	8.787	107	20408	50.710	ng	93
18) Hexachloroethane	9.457	117	9376	49.837	ng	88
19) n-Nitroso-di-n-propyla...	9.157	70	15302	45.678	ng	# 92
20) 3+4-Methylphenols	9.110	107	27949	48.665	ng	93
22) Acetophenone	9.181	105	35953	44.452	ng	# 97
24) Nitrobenzene	9.569	77	25329	53.898	ng	94
25) Isophorone	10.092	82	46842	47.846	ng	97
26) 2-Nitrophenol	10.286	139	14856	53.401	ng	# 88
27) 2,4-Dimethylphenol	10.333	122	24450m	52.331	ng	
28) bis(2-Chloroethoxy)met...	10.568	93	23254	53.743	ng	99
29) 2,4-Dichlorophenol	10.826	162	32667	49.260	ng	98
30) 1,2,4-Trichlorobenzene	11.044	180	38363	44.502	ng	91
31) Naphthalene	11.243	128	74151	43.072	ng	99
32) Benzoic acid	10.456	122	21346	52.694	ng	91
33) 4-Chloroaniline	11.337	127	17506	23.720	ng	97
34) Hexachlorobutadiene	11.519	225	31890	39.349	ng	96
35) Caprolactam	12.107	113	8951m	48.445	ng	
36) 4-Chloro-3-methylphenol	12.430	107	31166	50.120	ng	96
37) 2-Methylnaphthalene	12.818	142	66553	43.757	ng	98
38) 1-Methylnaphthalene	13.035	142	61905	41.779	ng	100
40) 1,2,4,5-Tetrachloroben...	13.182	216	59446	45.374	ng	99
41) Hexachlorocyclopentadiene	13.159	237	68687	92.414	ng	98
43) 2,4,6-Trichlorophenol	13.405	196	40027	51.612	ng	94

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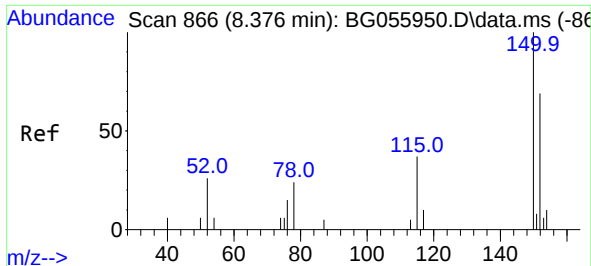
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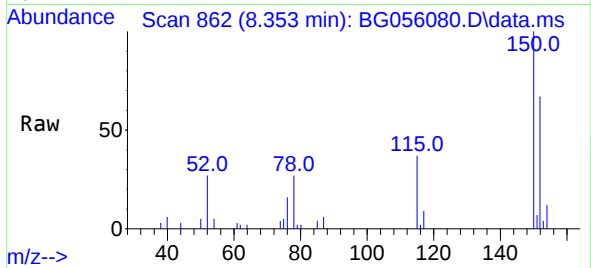
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.482	196	43873	50.184	ng	99
46) 1,1'-Biphenyl	13.805	154	99437	47.244	ng	98
47) 2-Chloronaphthalene	13.858	162	78098	45.665	ng	95
48) 2-Nitroaniline	14.046	65	20552	60.200	ng	93
49) Acenaphthylene	14.692	152	125914	46.125	ng	99
50) Dimethylphthalate	14.404	163	119853	44.644	ng	98
51) 2,6-Dinitrotoluene	14.528	165	25403	61.147	ng	92
52) Acenaphthene	15.033	154	102795	56.091	ng	94
53) 3-Nitroaniline	14.863	138	15284	36.169	ng	# 93
54) 2,4-Dinitrophenol	15.062	184	40165	130.048	ng	# 79
55) Dibenzofuran	15.362	168	141536	45.927	ng	96
56) 4-Nitrophenol	15.150	139	38977	115.103	ng	96
57) 2,4-Dinitrotoluene	15.309	165	37203	59.326	ng	89
58) Fluorene	16.008	166	112447	44.636	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.579	232	50752	50.816	ng	100
60) Diethylphthalate	15.756	149	112406	42.838	ng	99
61) 4-Chlorophenyl-phenyle...	15.991	204	79107	46.095	ng	98
62) 4-Nitroaniline	16.020	138	22691	49.308	ng	98
63) Azobenzene	16.284	77	74002	46.335	ng	98
65) 4,6-Dinitro-2-methylph...	16.073	198	27142	62.688	ng	84
66) n-Nitrosodiphenylamine	16.202	169	105859	44.570	ng	97
67) 4-Bromophenyl-phenylether	16.884	248	58941	44.380	ng	95
68) Hexachlorobenzene	17.007	284	70891	43.336	ng	98
69) Atrazine	17.136	200	52631	48.939	ng	97
70) Pentachlorophenol	17.348	266	91450	97.786	ng	94
71) Phenanthrene	17.747	178	211390	44.506	ng	98
72) Anthracene	17.841	178	212435	45.208	ng	100
73) Carbazole	18.100	167	172635	44.545	ng	98
74) Di-n-butylphthalate	18.635	149	193615	42.958	ng	99
75) Fluoranthene	19.739	202	278521	41.876	ng	100
77) Benzidine	19.904	184	64901	37.492	ng	98
78) Pyrene	20.098	202	282498	47.362	ng	99
80) Butylbenzylphthalate	20.961	149	85058	50.326	ng	99
81) Benzo(a)anthracene	21.995	228	314874	45.396	ng	98
82) 3,3'-Dichlorobenzidine	21.890	252	90128	36.115	ng	96
83) Chrysene	22.066	228	294857	45.357	ng	99
84) Bis(2-ethylhexyl)phtha...	21.860	149	120600	48.028	ng	96
85) Di-n-octyl phthalate	23.170	149	203597	47.799	ng	100
87) Indeno(1,2,3-cd)pyrene	29.528	276	410704	43.532	ng	100
88) Benzo(b)fluoranthene	24.387	252	346048	45.573	ng	98
89) Benzo(k)fluoranthene	24.463	252	339085	44.759	ng	100
90) Benzo(a)pyrene	25.339	252	305709	47.630	ng	99
91) Dibenzo(a,h)anthracene	29.598	278	343275	43.471	ng	97
92) Benzo(g,h,i)perylene	30.797	276	332456	43.544	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.353 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG056080.D
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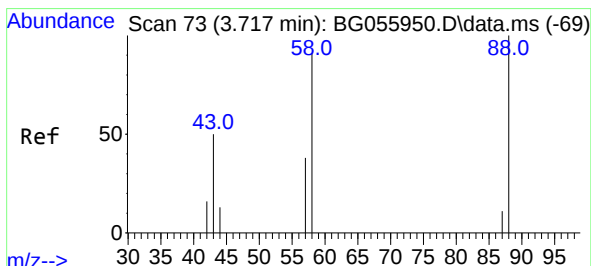
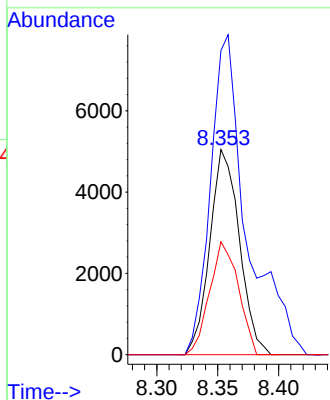
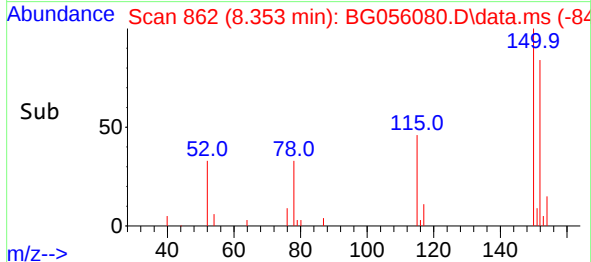
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Tgt Ion:152 Resp: 852
Ion Ratio Lower Upper
152 100
150 148.2 115.7 173.5
115 55.1 43.0 64.4

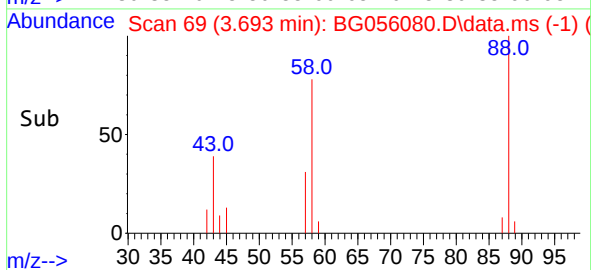
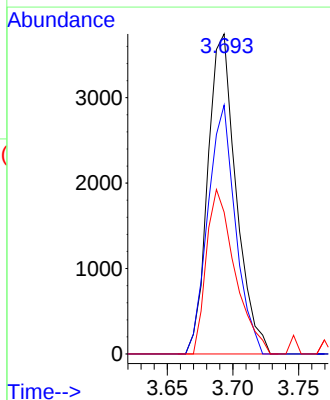
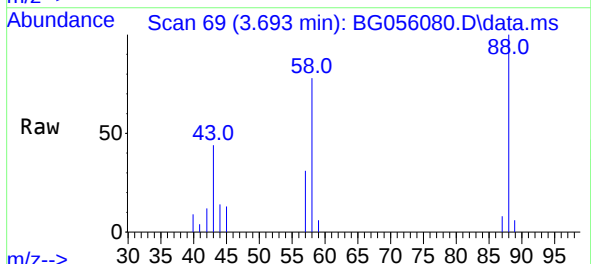
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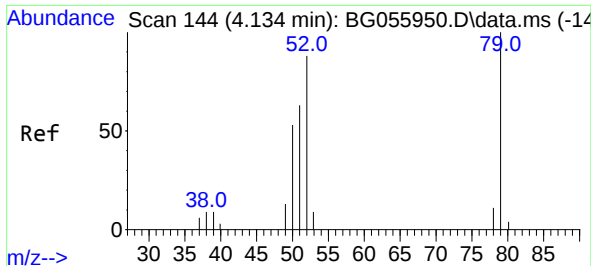
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#2
1,4-Dioxane
Concen: 53.125 ng
RT: 3.693 min Scan# 69
Delta R.T. -0.000 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

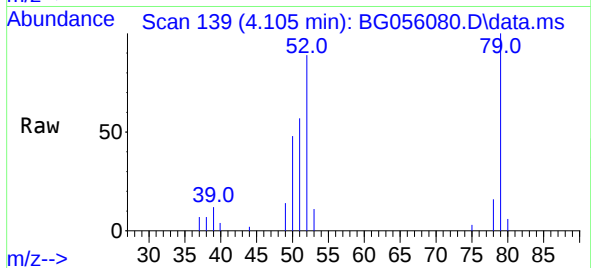
Tgt Ion: 88 Resp: 5618
Ion Ratio Lower Upper
88 100
58 75.8 67.0 100.4
43 52.0 45.7 68.5





#3
Pyridine
Concen: 42.925 ng
RT: 4.105 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

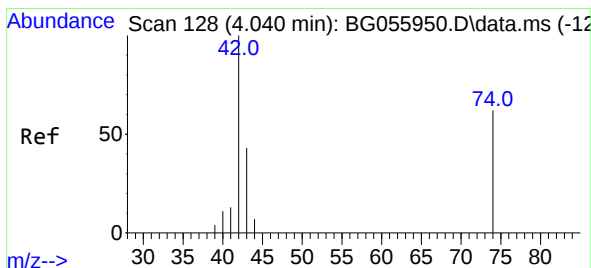
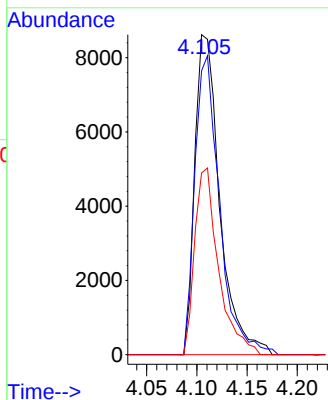
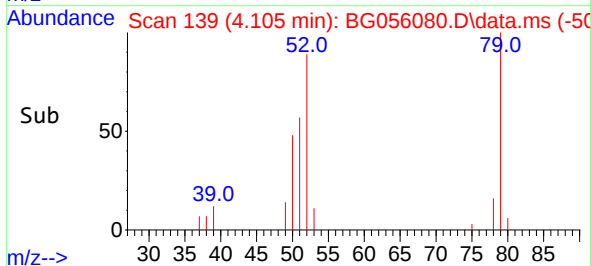
Instrument :
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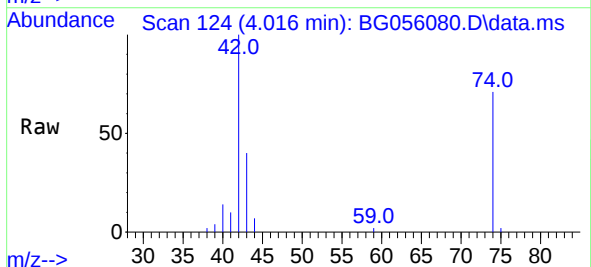
Tgt Ion: 79 Resp: 14939
Ion Ratio Lower Upper
79 100
52 88.7 70.3 105.5
51 56.8 50.6 76.0

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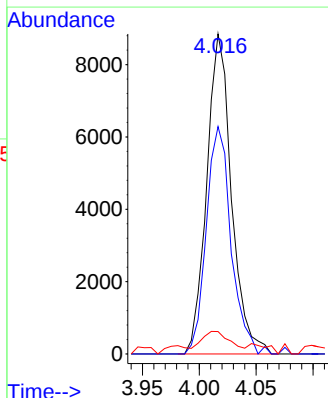
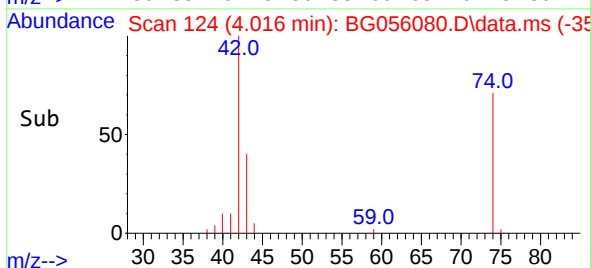
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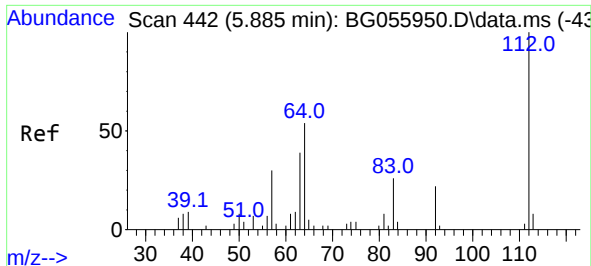


#4
n-Nitrosodimethylamine
Concen: 42.794 ng
RT: 4.016 min Scan# 124
Delta R.T. -0.006 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48



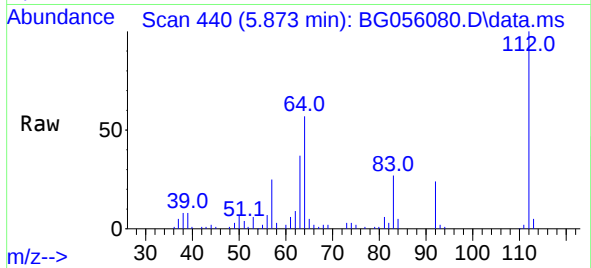
Tgt Ion: 42 Resp: 13388
Ion Ratio Lower Upper
42 100
74 71.0 49.8 74.6
44 7.0 5.2 7.8





#5
2-Fluorophenol
Concen: 138.146 ng
RT: 5.873 min Scan# 44
Delta R.T. 0.005 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

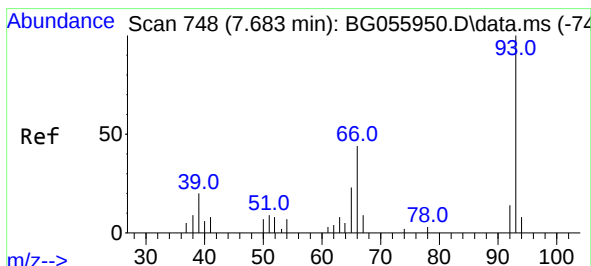
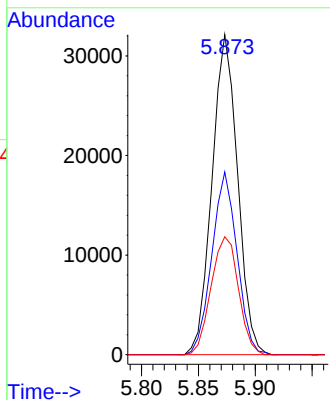
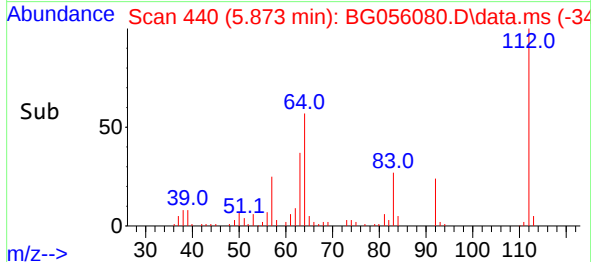
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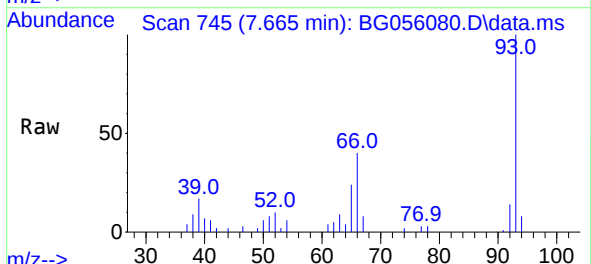
Tgt Ion:112 Resp: 50200
Ion Ratio Lower Upper
112 100
64 57.1 43.0 64.4
63 36.9 31.4 47.2

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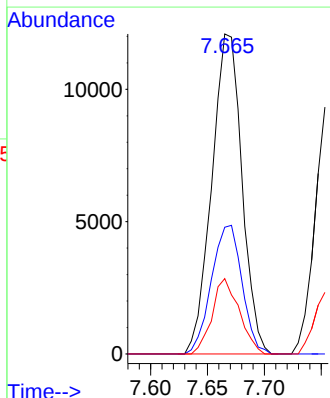
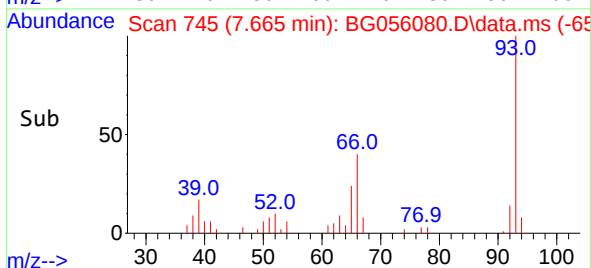
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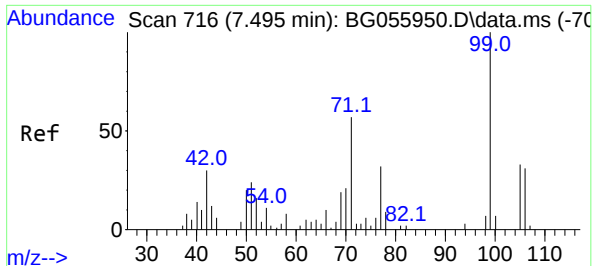


#6
Aniline
Concen: 39.824 ng
RT: 7.665 min Scan# 745
Delta R.T. -0.006 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48



Tgt Ion: 93 Resp: 22284
Ion Ratio Lower Upper
93 100
66 39.6 35.5 53.3
65 23.5 18.2 27.2





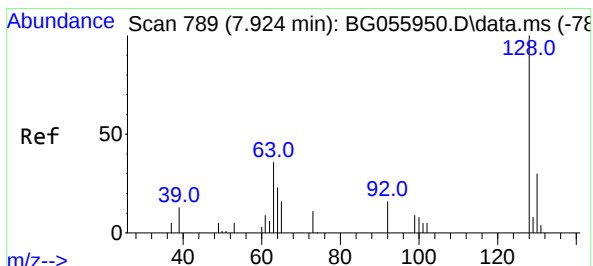
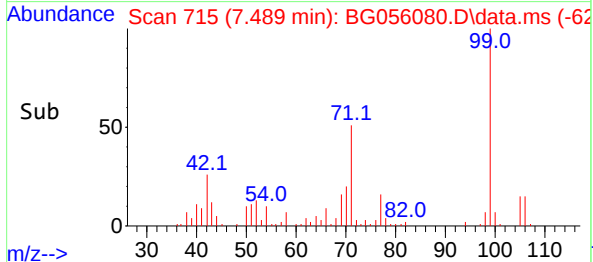
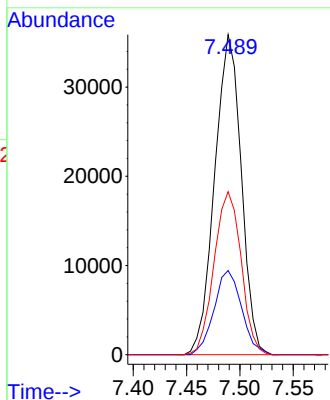
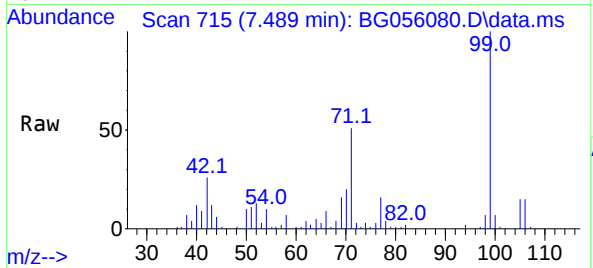
#7
Phenol-d6
Concen: 132.854 ng
RT: 7.489 min Scan# 716
Delta R.T. 0.005 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

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Tgt Ion: 99 Resp: 6209
Ion Ratio Lower Upper
99 100
42 26.3 24.3 36.5
71 51.0 45.6 68.4

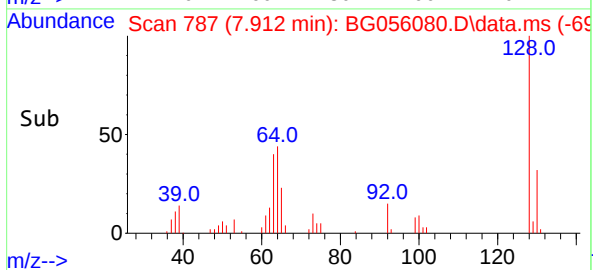
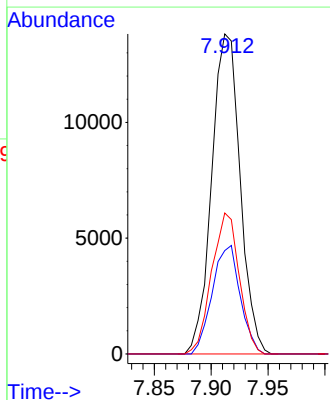
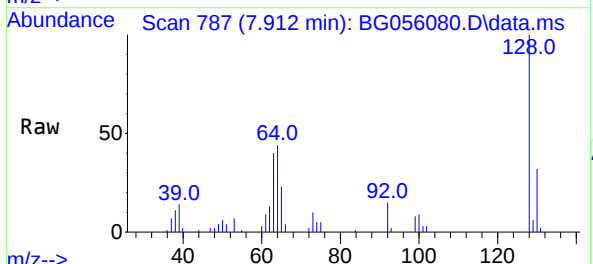
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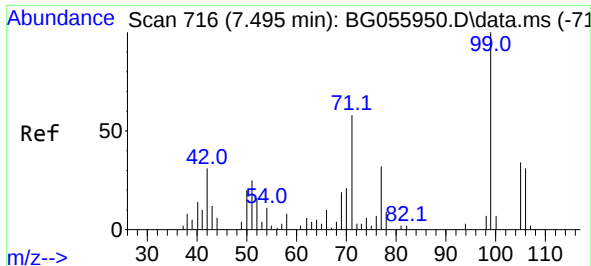
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#8
2-Chlorophenol
Concen: 51.321 ng
RT: 7.912 min Scan# 787
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

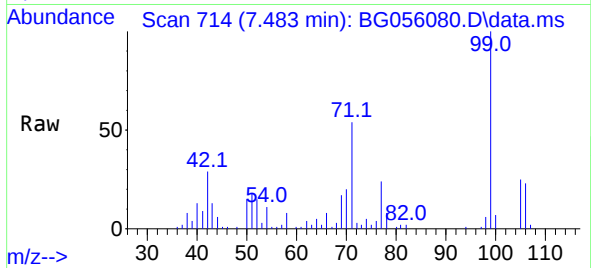
Tgt Ion:128 Resp: 24060
Ion Ratio Lower Upper
128 100
130 32.3 9.9 49.9
64 44.1 16.7 56.7





#9
Benzaldehyde
Concen: 45.061 ng
RT: 7.483 min Scan# 716
Delta R.T. 0.005 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

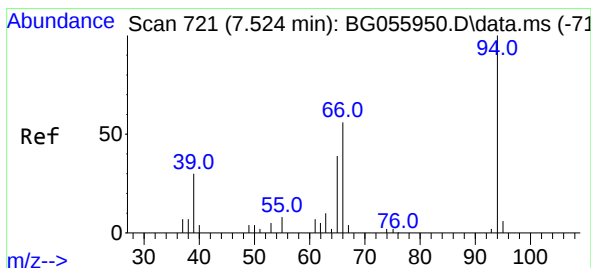
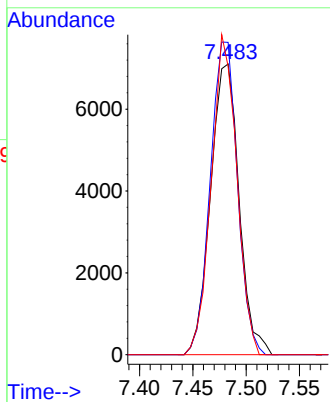
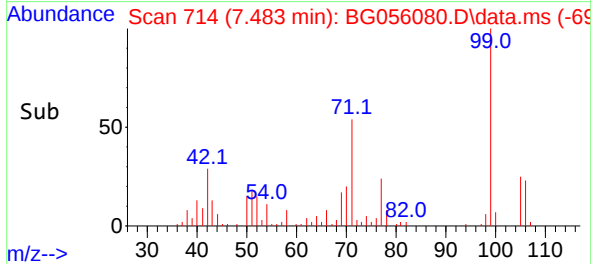
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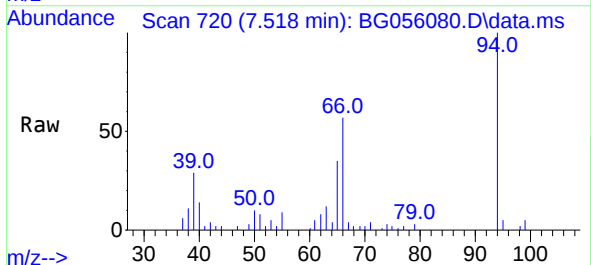
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Ion Ratio Lower Upper
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105 107.4 83.1 123.1
106 99.1 76.3 116.3

Manual Integrations
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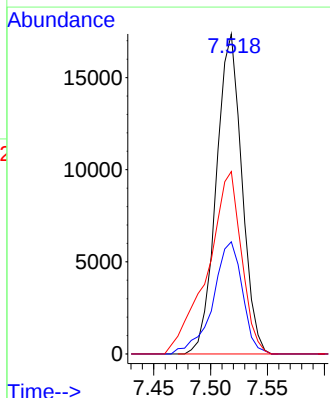
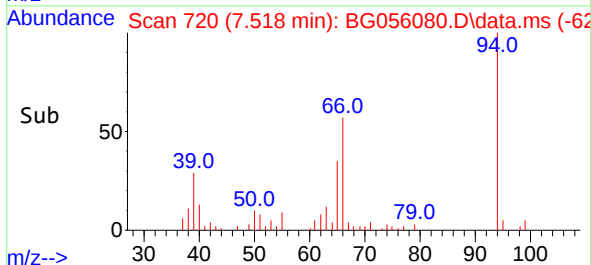
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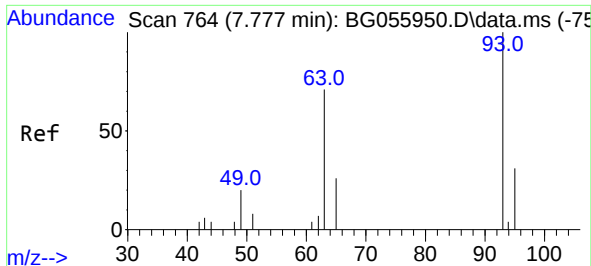


#10
Phenol
Concen: 53.120 ng
RT: 7.518 min Scan# 720
Delta R.T. 0.005 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48



Tgt Ion: 94 Resp: 27171
Ion Ratio Lower Upper
94 100
65 35.1 18.9 58.9
66 57.0 41.5 81.5





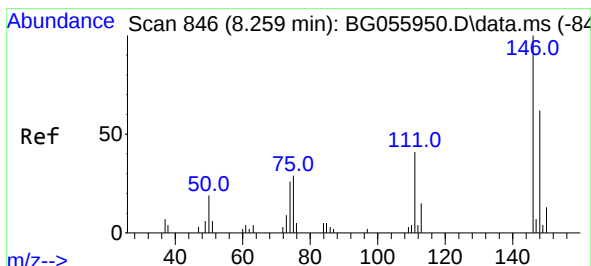
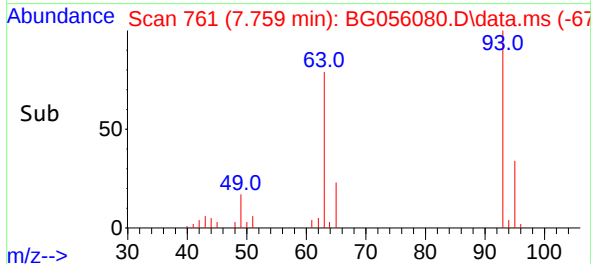
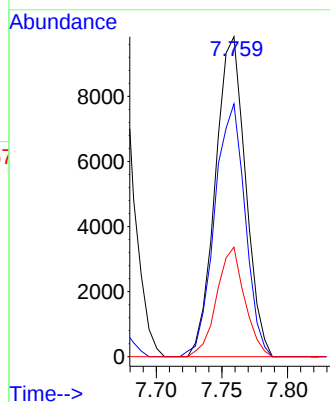
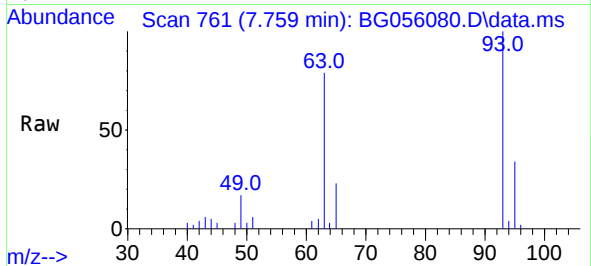
#11
bis(2-Chloroethyl)ether
Concen: 47.173 ng
RT: 7.759 min Scan# 761
Delta R.T. 0.005 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD

Tgt Ion: 93 Resp: 1571
Ion Ratio Lower Upper
93 100
63 79.0 51.4 91.4
95 34.2 11.3 51.3

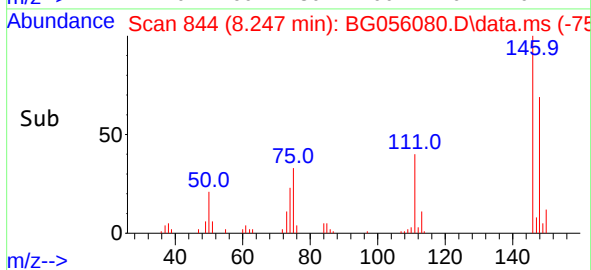
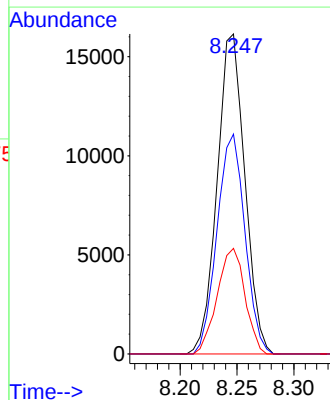
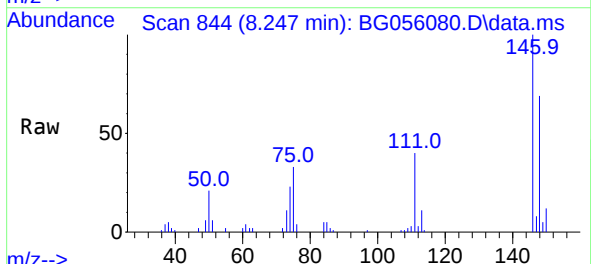
Manual Integrations
APPROVED

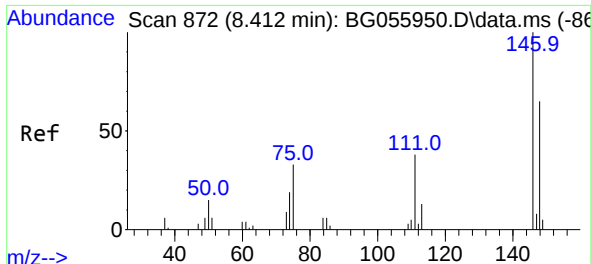
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#12
1,3-Dichlorobenzene
Concen: 45.097 ng
RT: 8.247 min Scan# 844
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

Tgt Ion:146 Resp: 27349
Ion Ratio Lower Upper
146 100
148 68.7 49.7 74.5
75 33.0 22.9 34.3





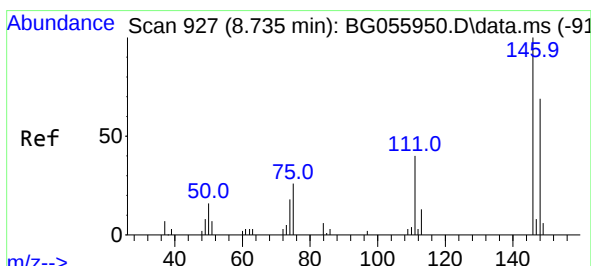
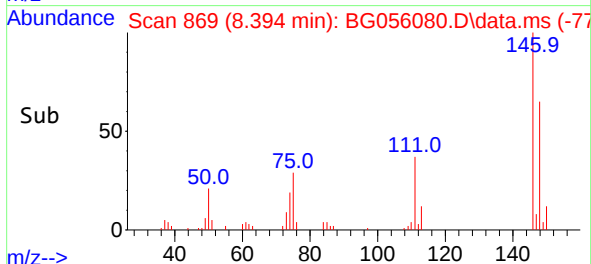
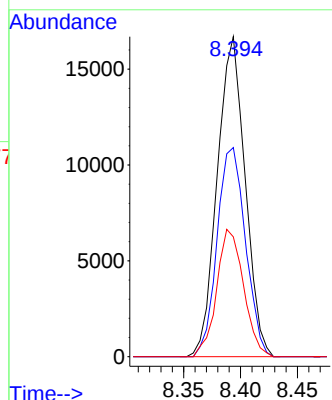
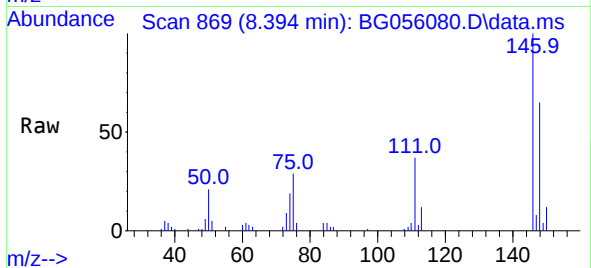
#13
1,4-Dichlorobenzene
Concen: 45.933 ng
RT: 8.394 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD

Tgt Ion:146 Resp: 2846
Ion Ratio Lower Upper
146 100
148 65.4 52.4 78.6
111 37.5 30.6 46.0

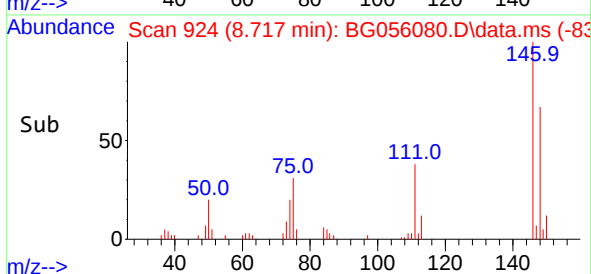
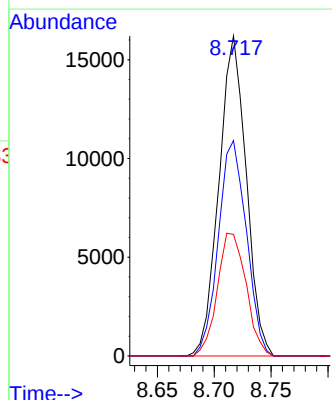
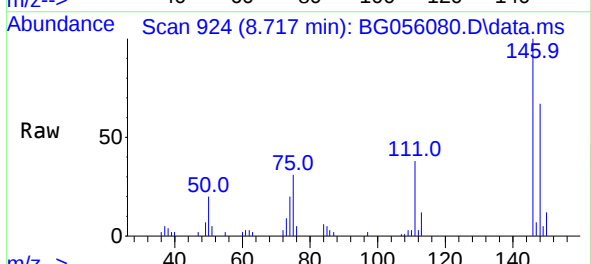
Manual Integrations
APPROVED

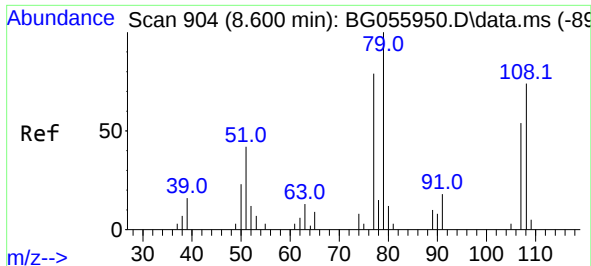
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#14
1,2-Dichlorobenzene
Concen: 45.581 ng
RT: 8.717 min Scan# 924
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

Tgt Ion:146 Resp: 26998
Ion Ratio Lower Upper
146 100
148 67.3 55.1 82.7
111 38.0 32.4 48.6





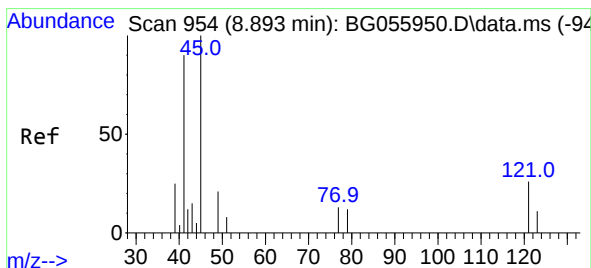
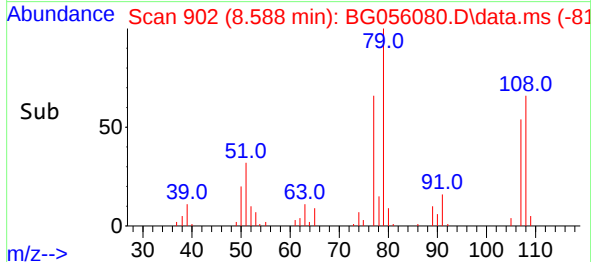
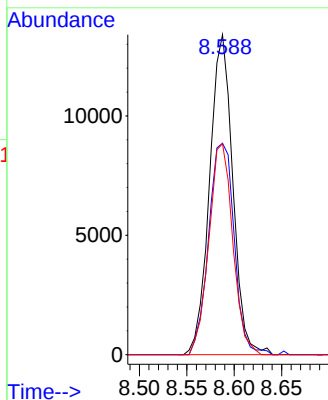
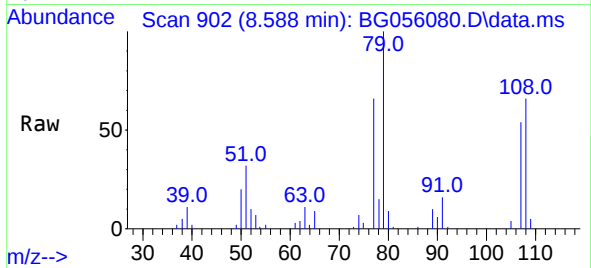
#15
Benzyl Alcohol
Concen: 46.944 ng
RT: 8.588 min Scan# 904
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD

Tgt Ion: 79 Resp: 2279
Ion Ratio Lower Upper
79 100
108 66.1 59.5 89.3
77 65.9 63.0 94.6

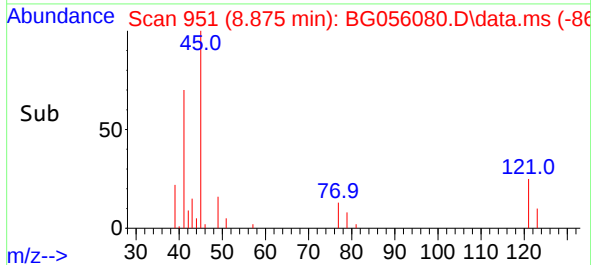
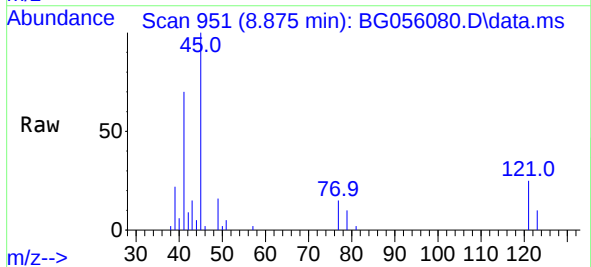
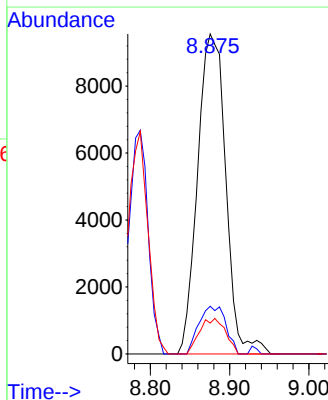
Manual Integrations
APPROVED

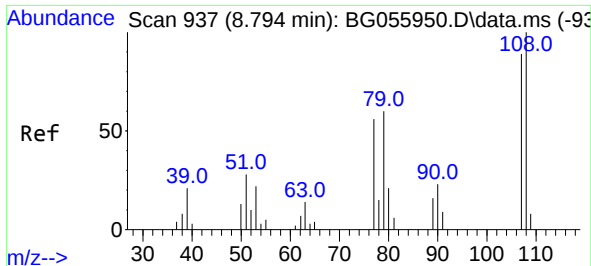
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.437 ng m
RT: 8.875 min Scan# 951
Delta R.T. -0.000 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

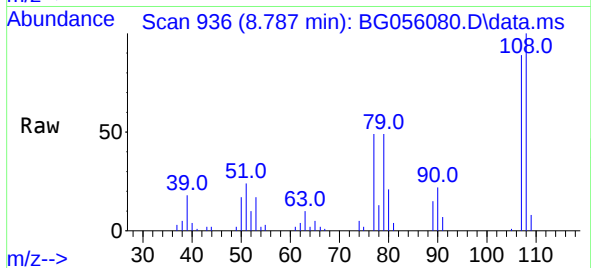
Tgt Ion: 45 Resp: 23606
Ion Ratio Lower Upper
45 100
77 14.9 0.0 33.4
79 9.6 0.0 31.8





#17
2-Methylphenol
Concen: 50.710 ng
RT: 8.787 min Scan# 91
Delta R.T. 0.005 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

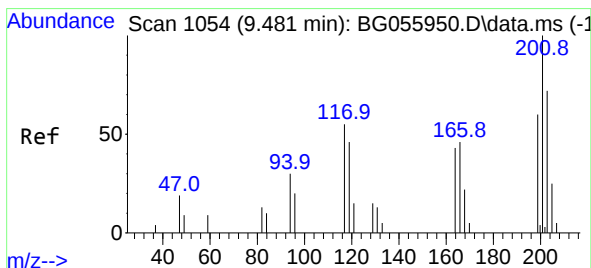
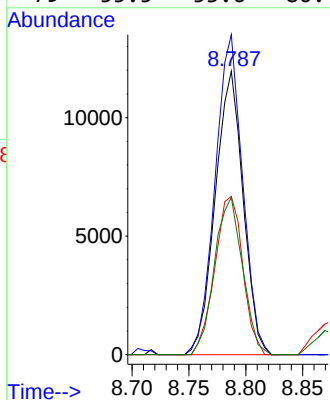
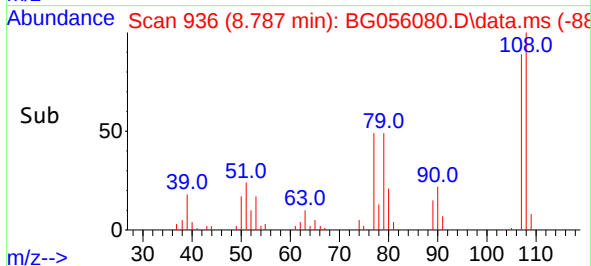
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



Tgt Ion:107 Resp: 2040
Ion Ratio Lower Upper
107 100
108 112.8 89.8 134.8
77 55.8 50.2 75.2
79 55.5 53.6 80.4

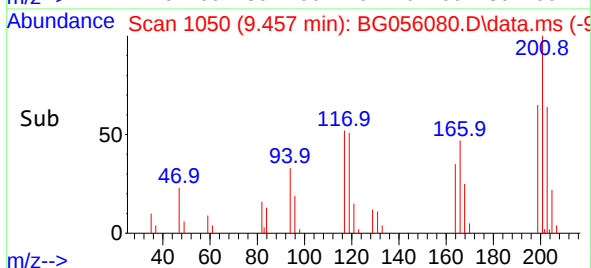
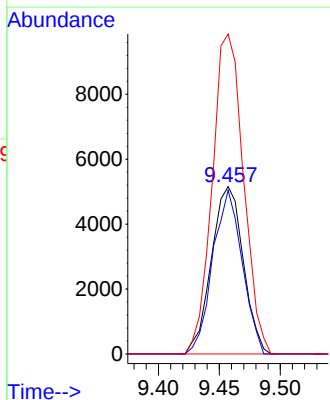
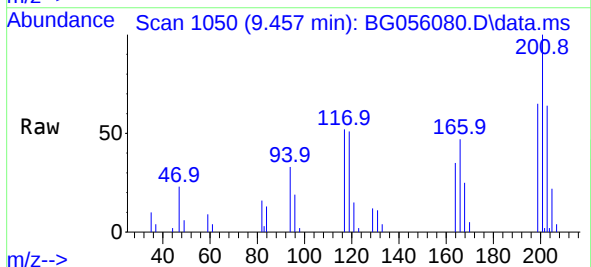
Manual Integrations
APPROVED

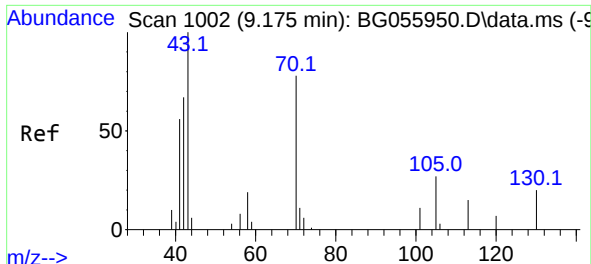
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#18
Hexachloroethane
Concen: 49.837 ng
RT: 9.457 min Scan# 1050
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

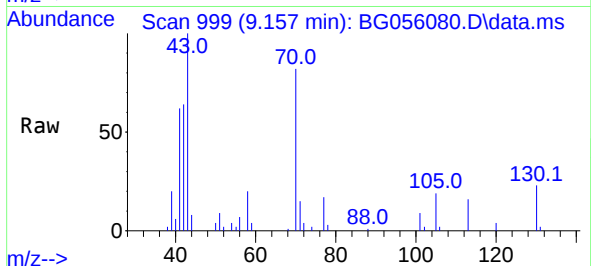
Tgt Ion:117 Resp: 9376
Ion Ratio Lower Upper
117 100
119 97.8 66.8 100.2
201 195.2 144.6 217.0





#19
n-Nitroso-di-n-propylamine
Concen: 45.678 ng
RT: 9.157 min Scan# 911
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

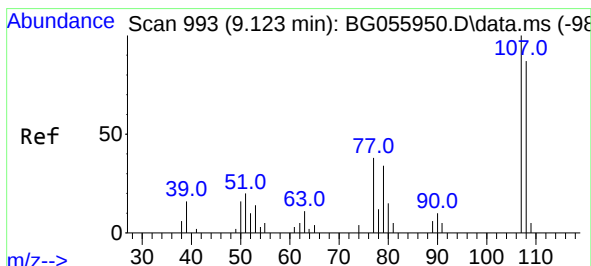
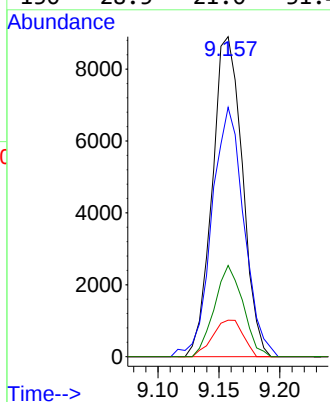
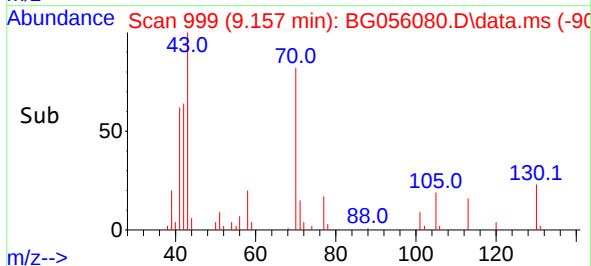
Instrument : BNA_G
ClientSampleId : 20221419-COMPOSITE-BMSD



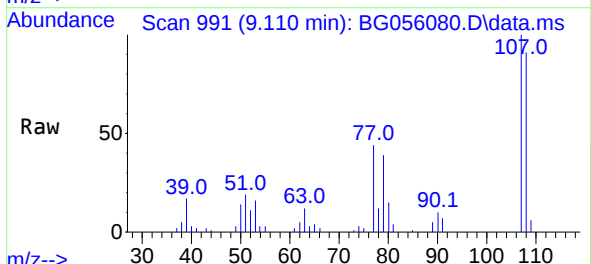
Tgt Ion: 70 Resp: 1530
Ion Ratio Lower Upper
70 100
42 77.9 69.0 103.4
101 11.4 11.8 17.8
130 28.5 21.0 31.4

Manual Integrations
APPROVED

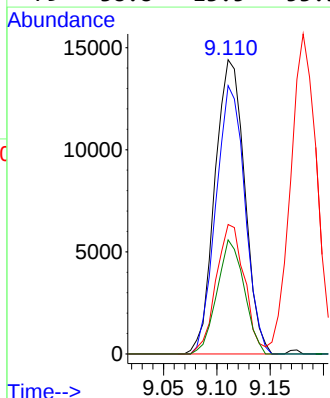
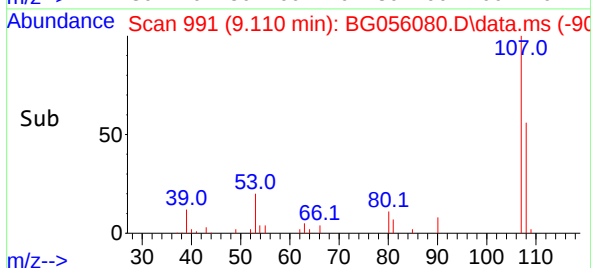
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

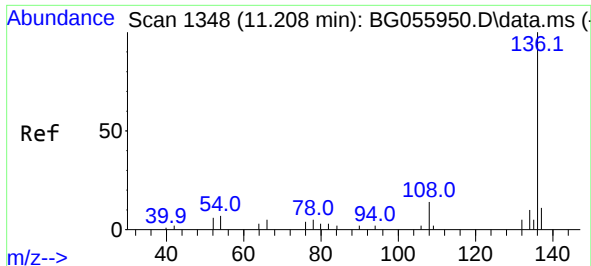


#20
3+4-Methylphenols
Concen: 48.665 ng
RT: 9.110 min Scan# 991
Delta R.T. -0.000 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48



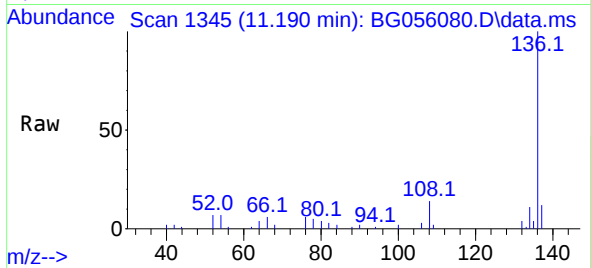
Tgt Ion:107 Resp: 27949
Ion Ratio Lower Upper
107 100
108 91.2 67.0 107.0
77 44.0 18.3 58.3
79 38.8 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.190 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

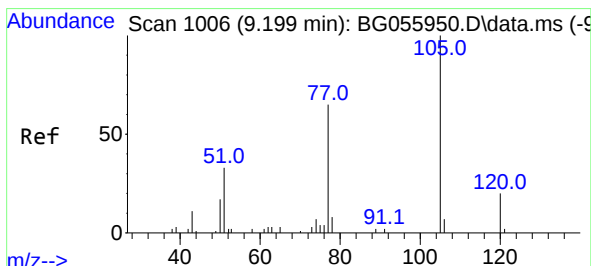
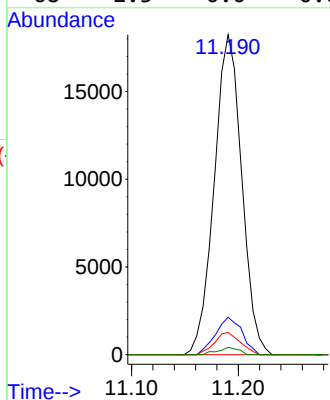
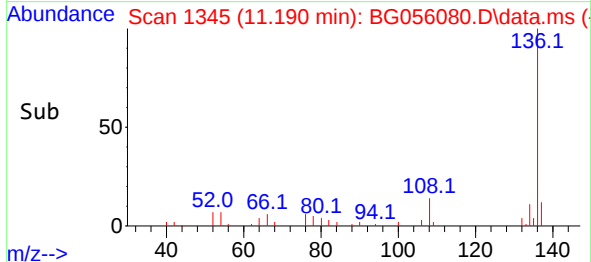
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



Tgt Ion:136 Resp: 3262
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 7.0 5.6 8.4
68 2.3 0.0 0.0#

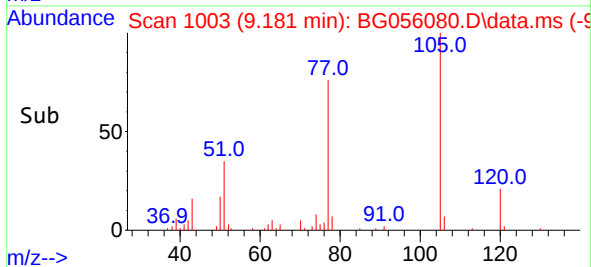
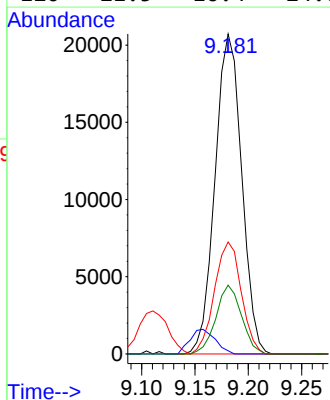
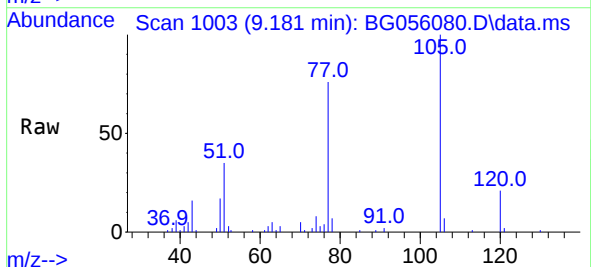
Manual Integrations
APPROVED

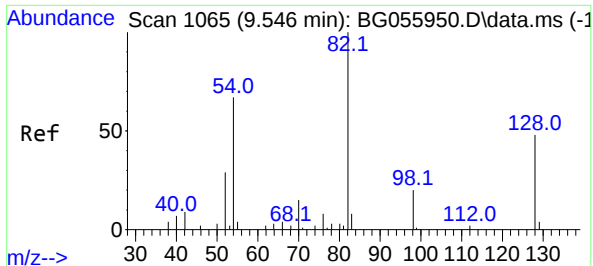
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#22
Acetophenone
Concen: 44.452 ng
RT: 9.181 min Scan# 1003
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

Tgt Ion:105 Resp: 35953
Ion Ratio Lower Upper
105 100
71 1.0 0.0 0.0#
51 35.0 26.7 40.1
120 21.5 16.4 24.6





#23

Nitrobenzene-d5

Concen: 84.747 ng

RT: 9.528 min Scan# 1062

Delta R.T. -0.000 min

Lab File: BG056080.D

Acq: 23 Dec 2022 15:48

Instrument :

BNA_G

ClientSampleId :

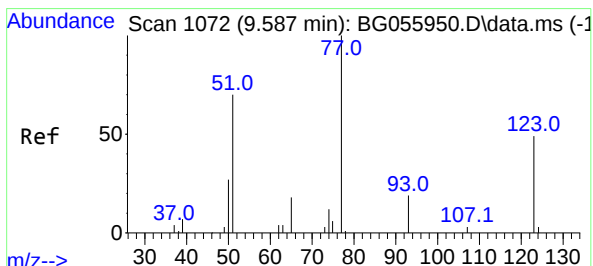
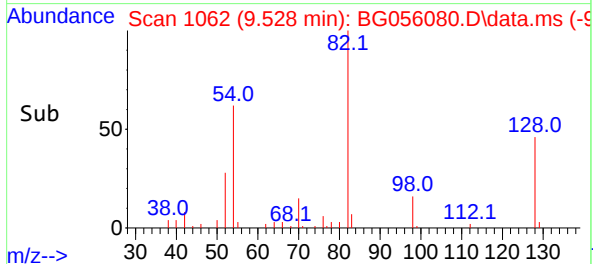
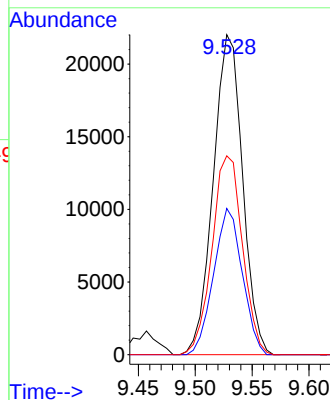
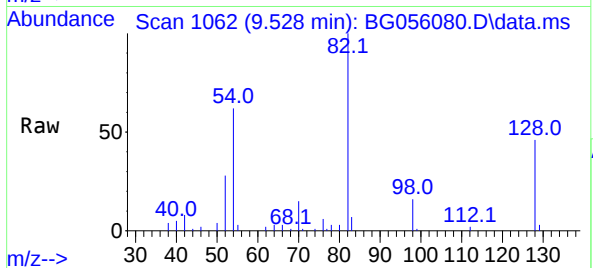
20221419-COMPOSITE-BMSD

Tgt Ion:	82	Resp:	3956
Ion Ratio	Lower	Upper	
82	100		
128	45.7	38.4	57.6
54	62.1	53.3	79.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#24

Nitrobenzene

Concen: 53.898 ng

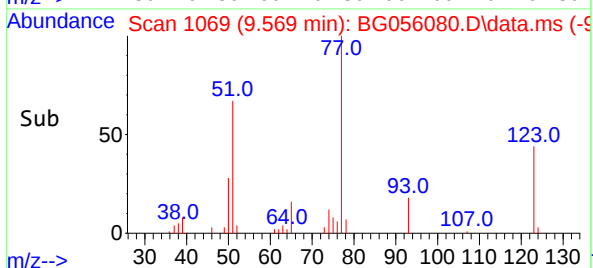
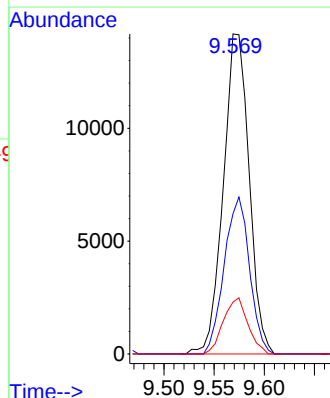
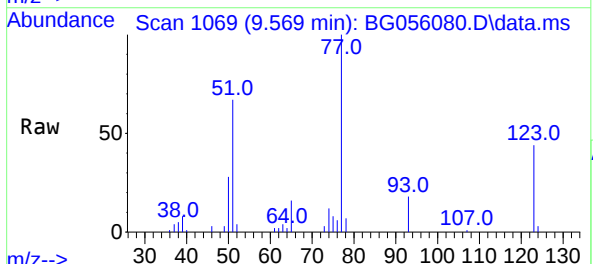
RT: 9.569 min Scan# 1069

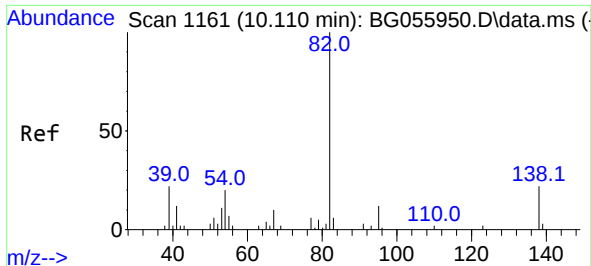
Delta R.T. -0.006 min

Lab File: BG056080.D

Acq: 23 Dec 2022 15:48

Tgt Ion:	77	Resp:	25329
Ion Ratio	Lower	Upper	
77	100		
123	43.8	38.9	58.3
65	16.2	14.7	22.1





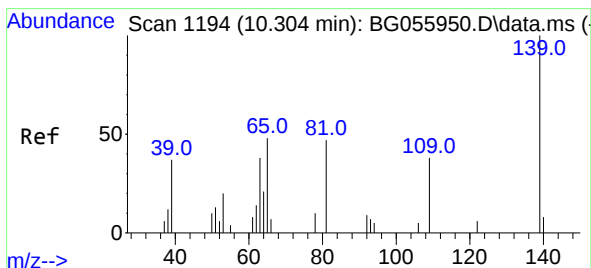
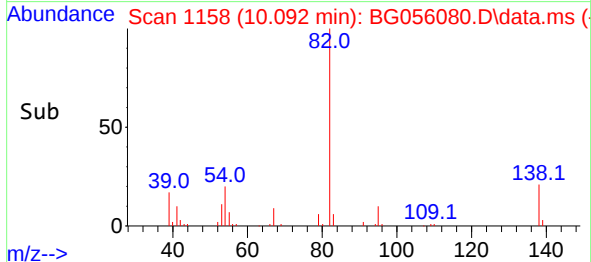
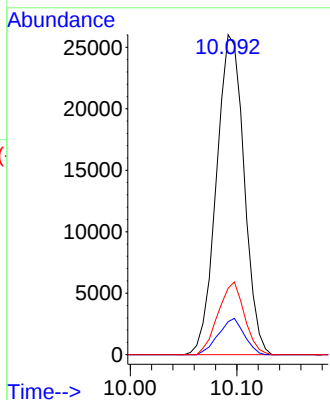
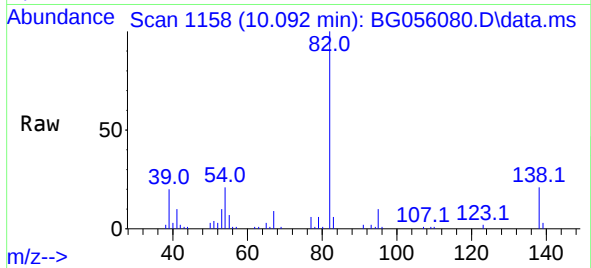
#25
Isophorone
Concen: 47.846 ng
RT: 10.092 min Scan# 1161
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD

Tgt Ion: 82 Resp: 4684
Ion Ratio Lower Upper
82 100
95 10.3 9.4 14.0
138 20.8 17.7 26.5

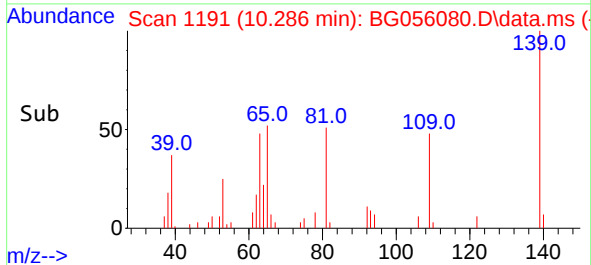
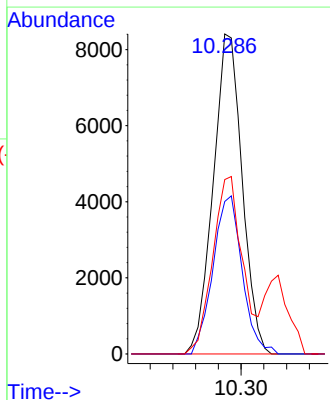
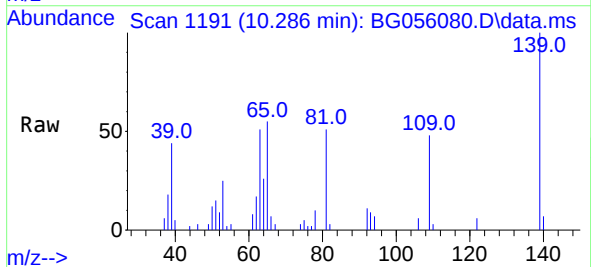
Manual Integrations
APPROVED

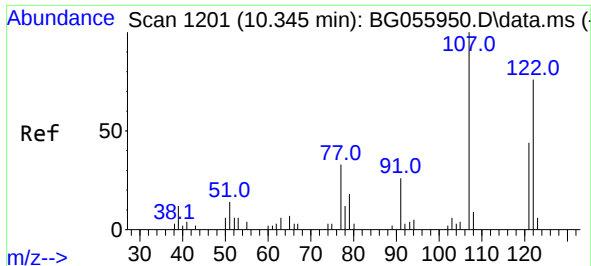
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#26
2-Nitrophenol
Concen: 53.401 ng
RT: 10.286 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

Tgt Ion:139 Resp: 14856
Ion Ratio Lower Upper
139 100
109 47.7 30.7 46.1#
65 54.5 38.8 58.2





#27

2,4-Dimethylphenol

Concen: 52.331 ng m

RT: 10.333 min Scan# 1199

Delta R.T. -0.001 min

Lab File: BG056080.D

Acq: 23 Dec 2022 15:48

Instrument :

BNA_G

ClientSampleId :

20221419-COMPOSITE-BMSD

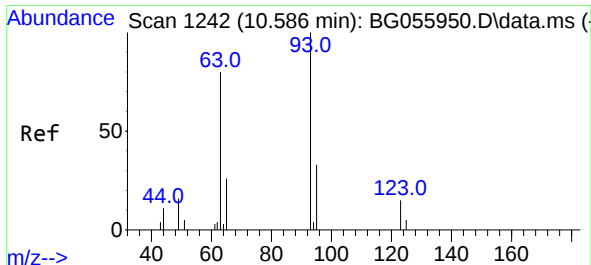
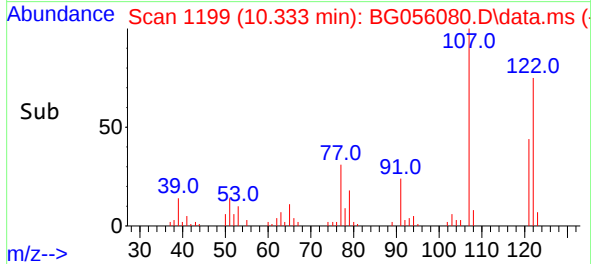
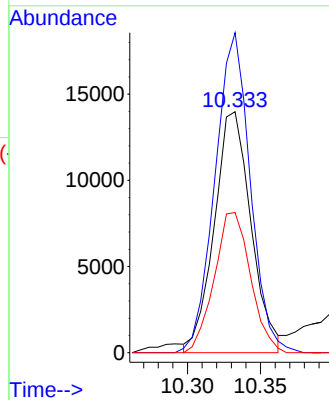
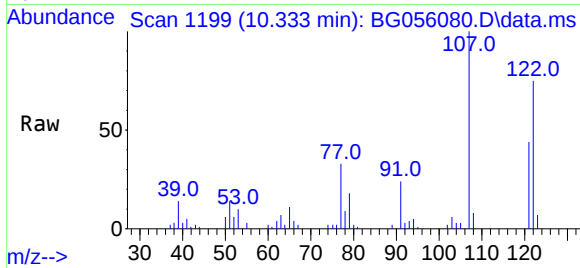
Tgt Ion:122 Resp: 24450

Ion	Ratio	Lower	Upper
122	100		
107	132.8	105.9	158.9
121	58.2	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#28

bis(2-Chloroethoxy)methane

Concen: 53.743 ng

RT: 10.568 min Scan# 1239

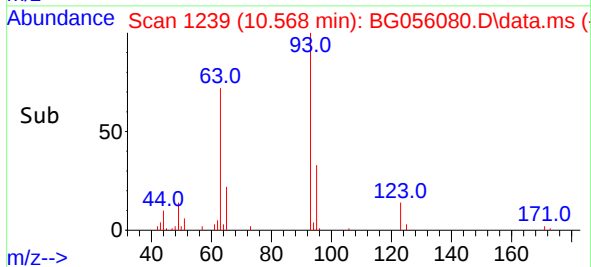
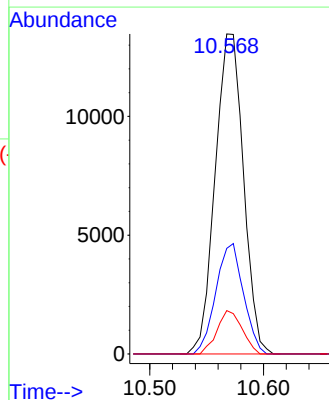
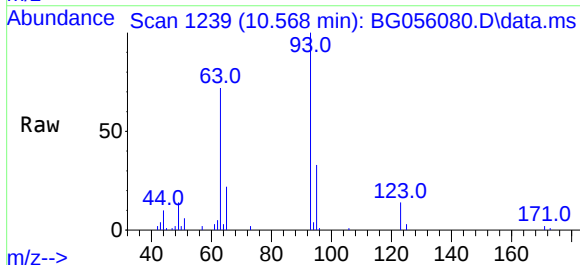
Delta R.T. -0.001 min

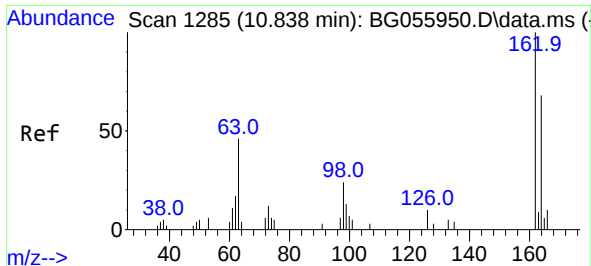
Lab File: BG056080.D

Acq: 23 Dec 2022 15:48

Tgt Ion: 93 Resp: 23254

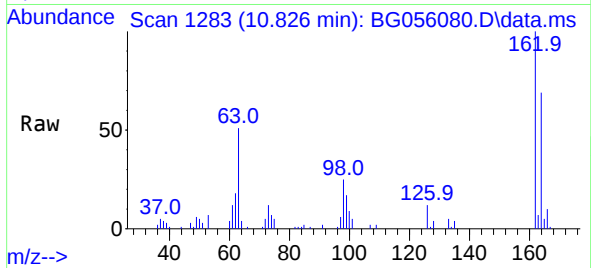
Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	13.6	12.2	18.2





#29
2,4-Dichlorophenol
Concen: 49.260 ng
RT: 10.826 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

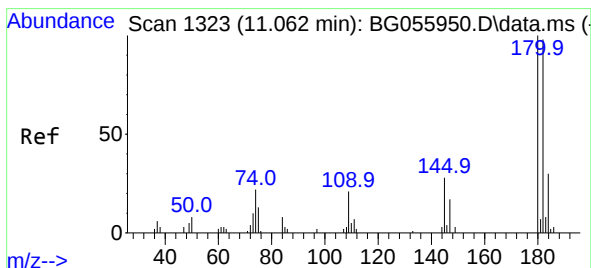
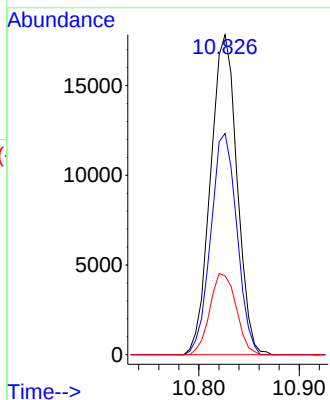
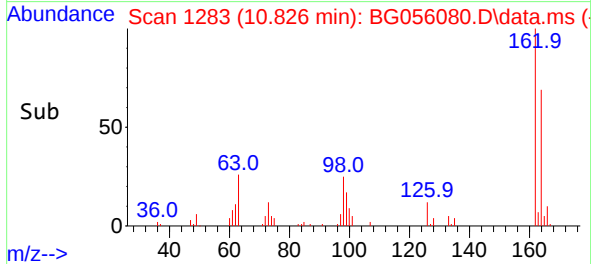
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



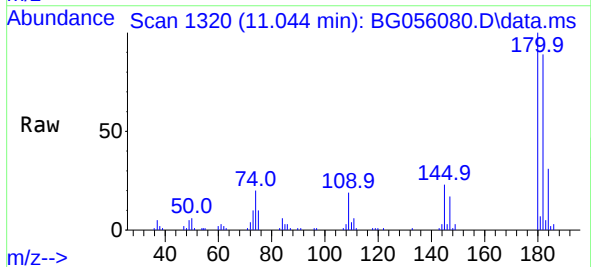
Tgt Ion:162 Resp: 3266
Ion Ratio Lower Upper
162 100
164 69.2 47.5 87.5
98 24.6 4.3 44.3

Manual Integrations
APPROVED

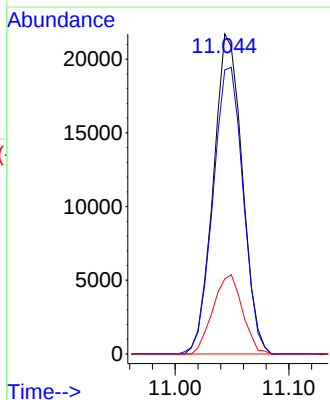
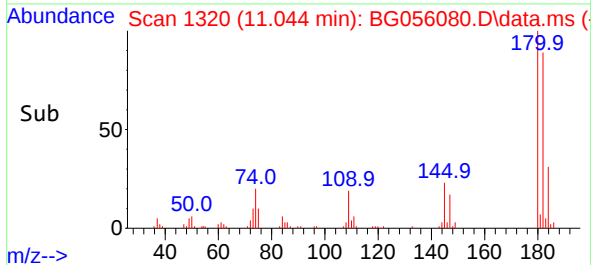
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

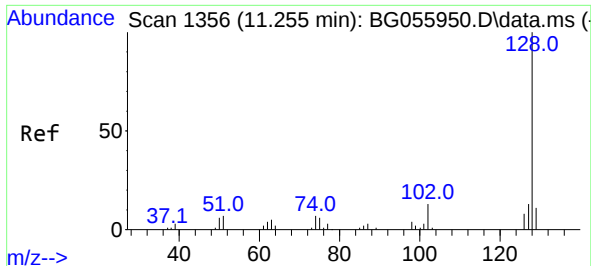


#30
1,2,4-Trichlorobenzene
Concen: 44.502 ng
RT: 11.044 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48



Tgt Ion:180 Resp: 38363
Ion Ratio Lower Upper
180 100
182 88.8 78.1 117.1
145 23.5 22.4 33.6





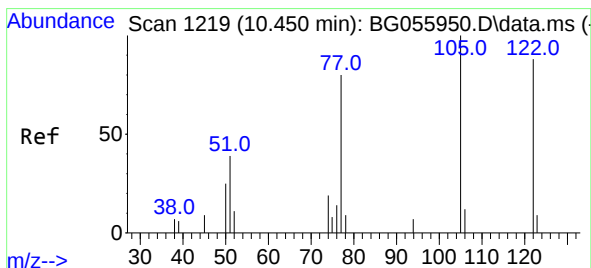
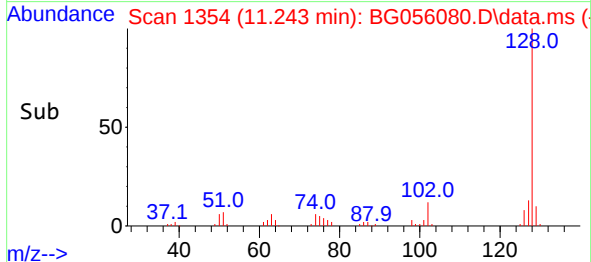
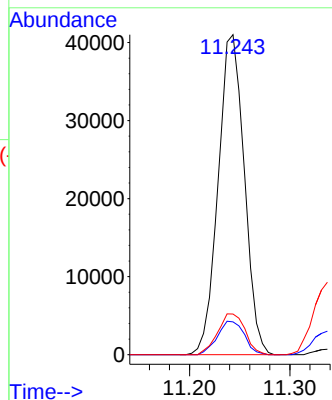
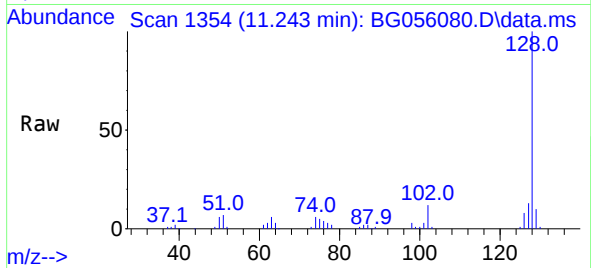
#31
Naphthalene
Concen: 43.072 ng
RT: 11.243 min Scan# 1120
Delta R.T. -0.000 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD

Tgt Ion:128 Resp: 7415
Ion Ratio Lower Upper
128 100
129 10.3 8.7 13.1
127 12.7 10.3 15.5

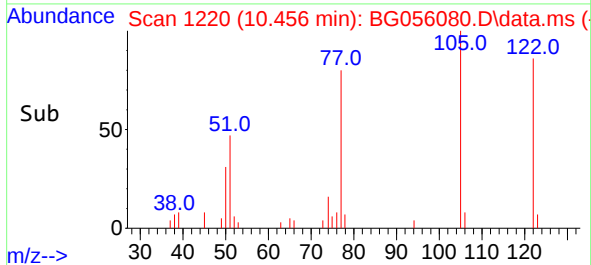
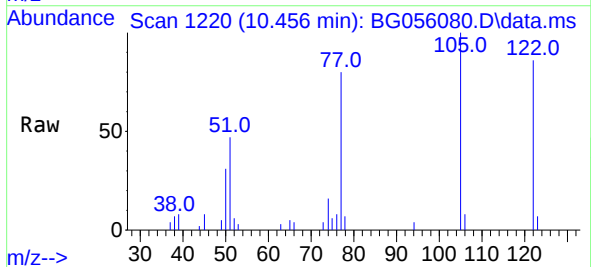
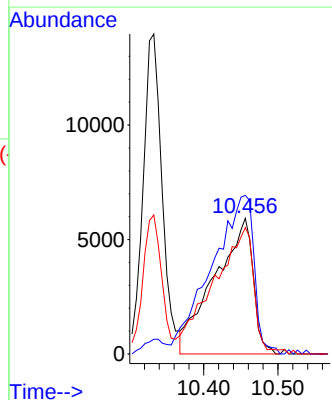
Manual Integrations
APPROVED

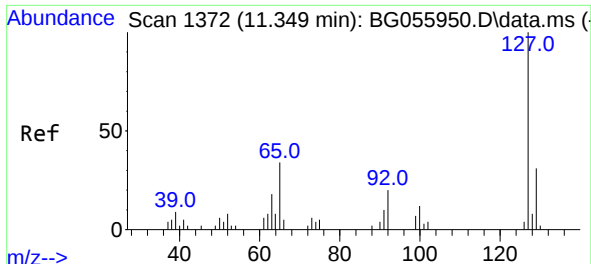
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#32
Benzoic acid
Concen: 52.694 ng
RT: 10.456 min Scan# 1220
Delta R.T. 0.005 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

Tgt Ion:122 Resp: 21346
Ion Ratio Lower Upper
122 100
105 116.9 90.6 130.6
77 93.1 61.0 101.0





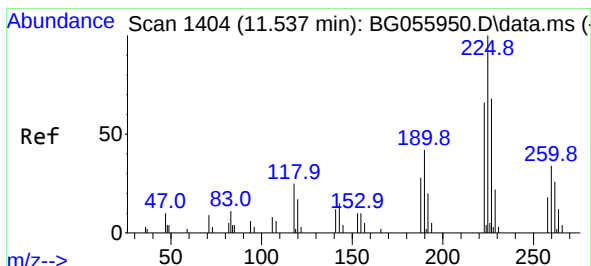
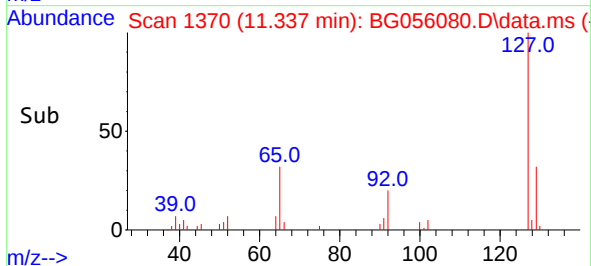
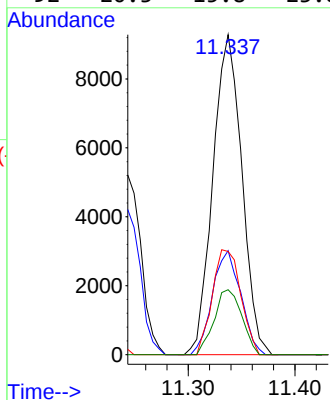
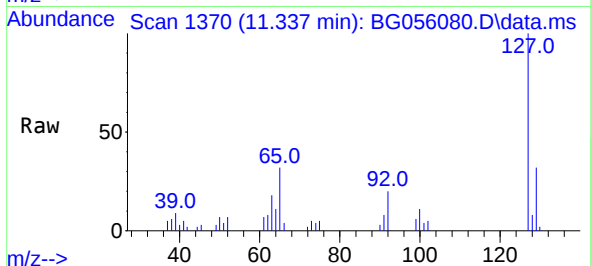
#33
4-Chloroaniline
Concen: 23.720 ng
RT: 11.337 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD

Tgt Ion:	127	Resp:	17500
Ion	Ratio	Lower	Upper
127	100		
129	32.5	24.5	36.7
65	32.2	27.1	40.7
92	20.3	15.8	23.8

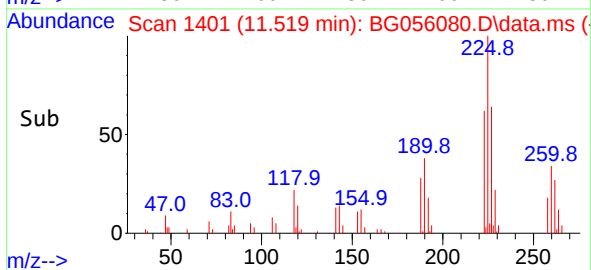
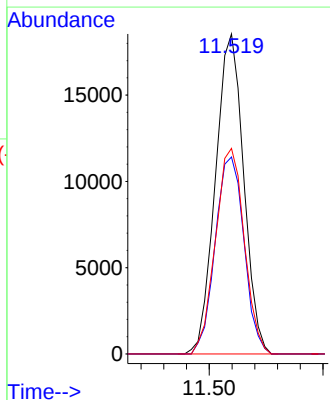
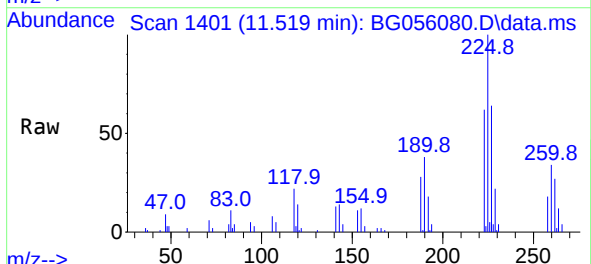
Manual Integrations
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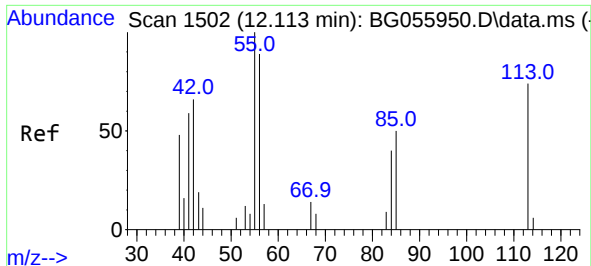
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#34
Hexachlorobutadiene
Concen: 39.349 ng
RT: 11.519 min Scan# 1401
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

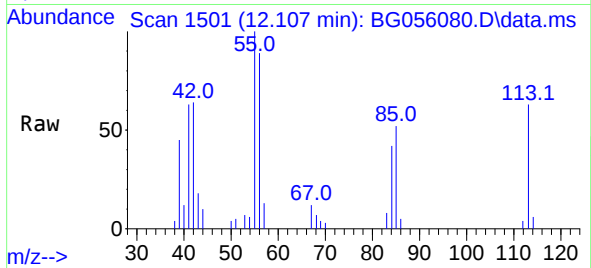
Tgt Ion:	225	Resp:	31890
Ion	Ratio	Lower	Upper
225	100		
223	64.9	53.2	79.8
227	64.2	54.7	82.1





#35
 Caprolactam
 Concen: 48.445 ng m
 RT: 12.107 min Scan# 113
 Delta R.T. -0.001 min
 Lab File: BG056080.D
 Acq: 23 Dec 2022 15:48

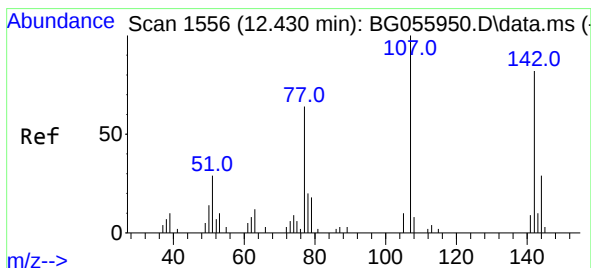
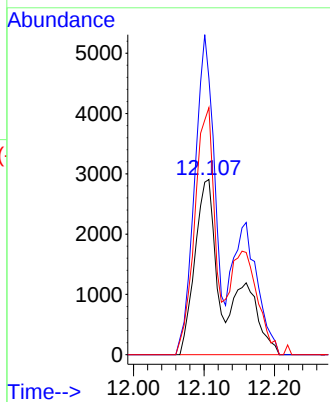
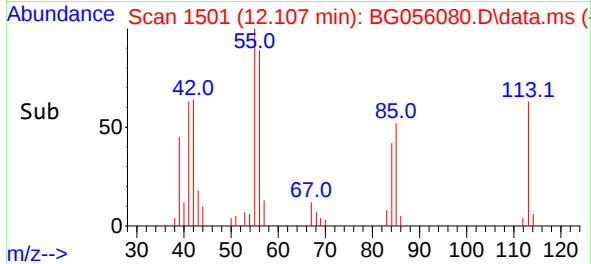
Instrument :
 BNA_G
 ClientSampleId :
 20221419-COMPOSITE-BMSD



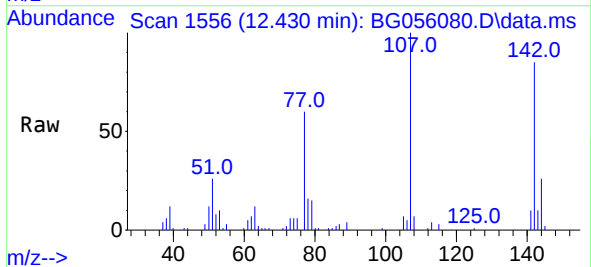
Tgt Ion:113 Resp: 895
 Ion Ratio Lower Upper
 113 100
 55 157.7 114.8 154.8
 56 141.0 99.8 139.8

Manual Integrations
 APPROVED

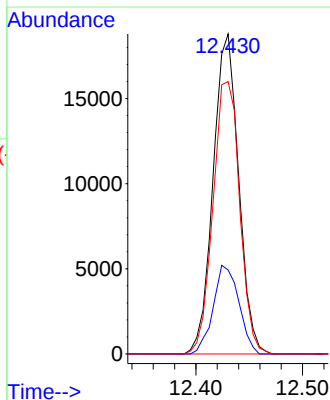
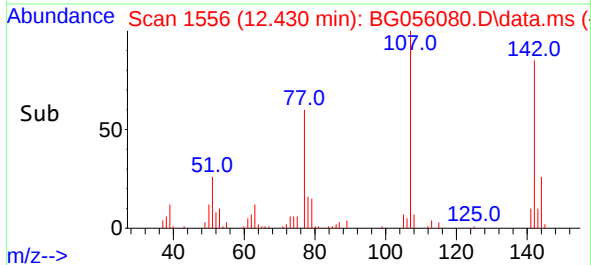
Reviewed By :Christian Giraldo 12/24/2022
 Supervised By :Yogesh Patel 12/26/2022

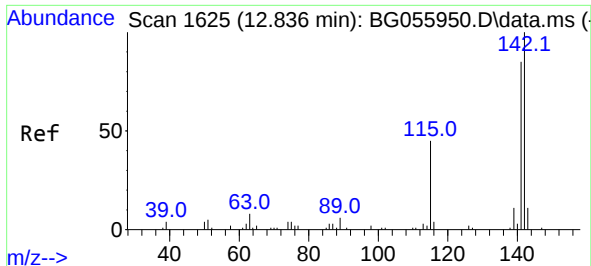


#36
 4-Chloro-3-methylphenol
 Concen: 50.120 ng
 RT: 12.430 min Scan# 1556
 Delta R.T. -0.001 min
 Lab File: BG056080.D
 Acq: 23 Dec 2022 15:48



Tgt Ion:107 Resp: 31166
 Ion Ratio Lower Upper
 107 100
 144 26.3 23.3 34.9
 142 85.2 65.6 98.4





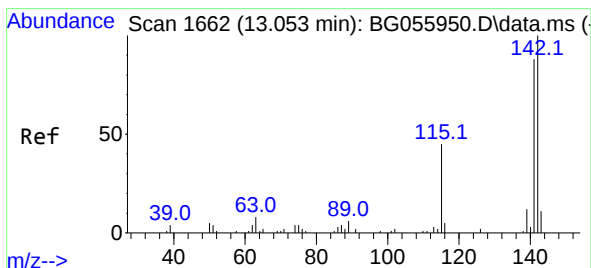
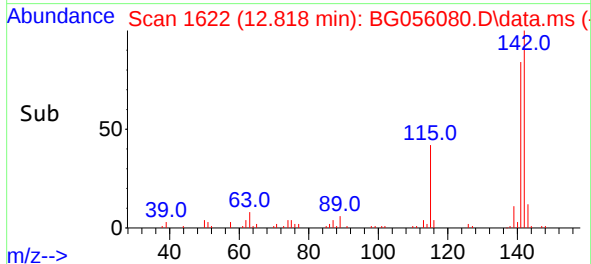
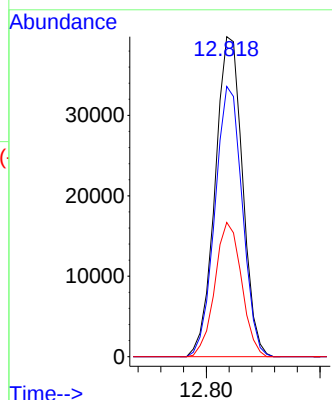
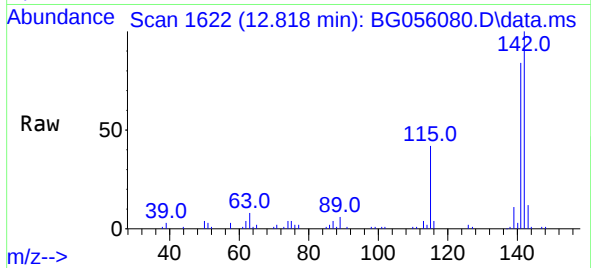
#37
2-Methylnaphthalene
Concen: 43.757 ng
RT: 12.818 min Scan# 1659
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD

Tgt Ion:142 Resp: 6655
Ion Ratio Lower Upper
142 100
141 84.4 67.8 101.6
115 41.9 35.7 53.5

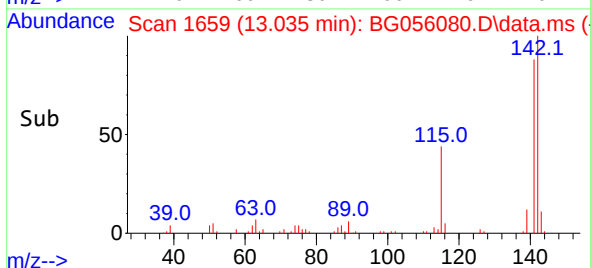
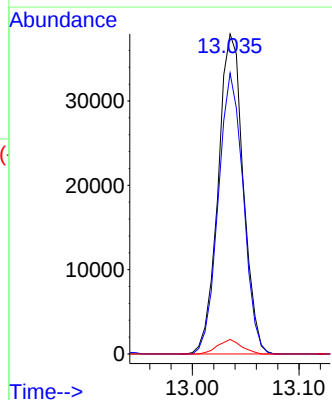
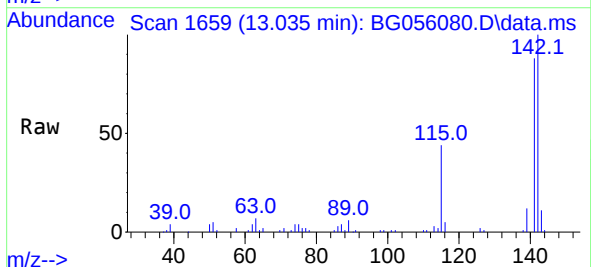
Manual Integrations
APPROVED

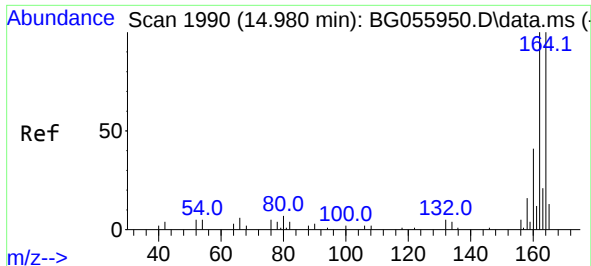
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#38
1-Methylnaphthalene
Concen: 41.779 ng
RT: 13.035 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

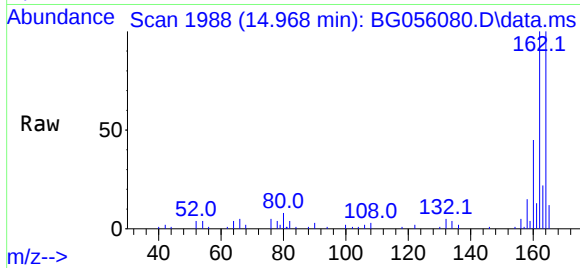
Tgt Ion:142 Resp: 61905
Ion Ratio Lower Upper
142 100
141 87.8 70.2 105.2
116 4.6 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.968 min Scan# 1990
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

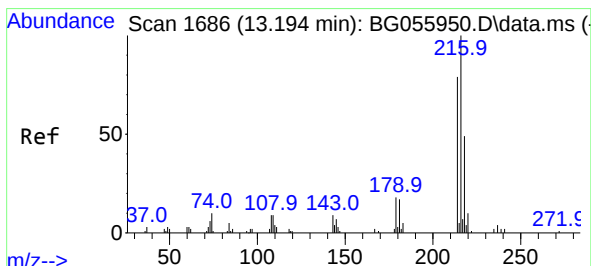
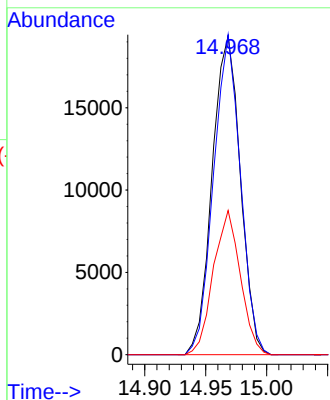
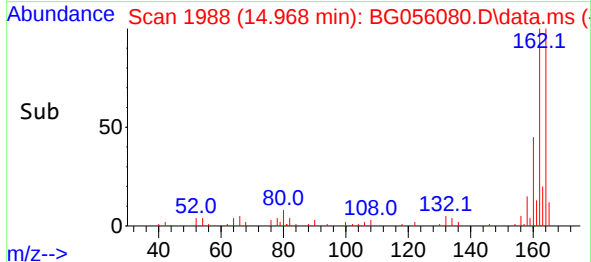
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



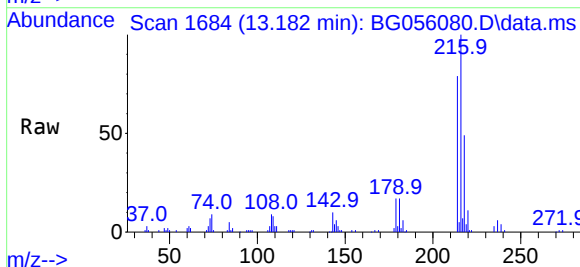
Tgt Ion:164 Resp: 31052
Ion Ratio Lower Upper
164 100
162 100.5 79.8 119.8
160 45.2 33.0 49.4

Manual Integrations
APPROVED

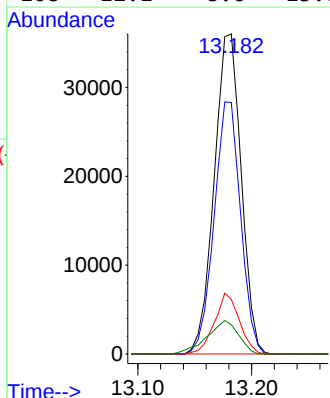
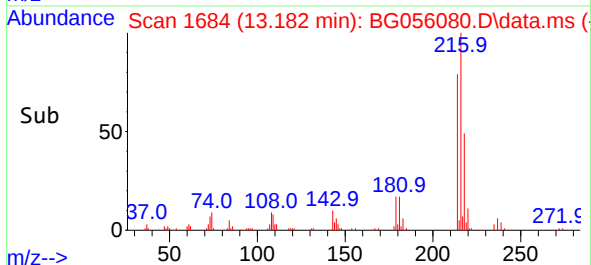
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

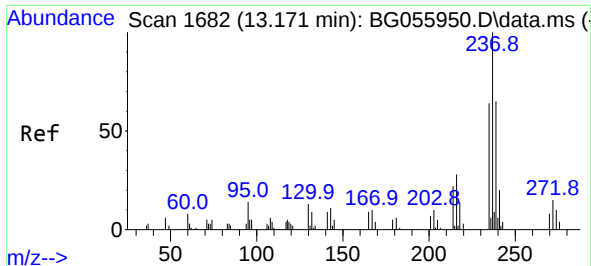


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.374 ng
RT: 13.182 min Scan# 1684
Delta R.T. 0.005 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48



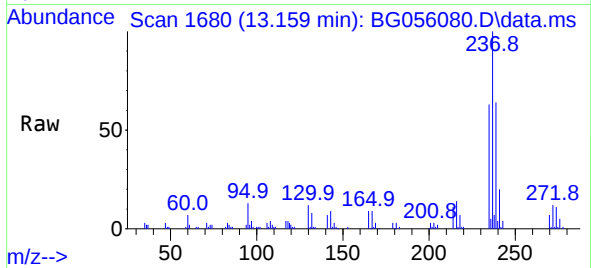
Tgt Ion:216 Resp: 59446
Ion Ratio Lower Upper
216 100
214 77.1 61.5 92.3
179 17.4 14.6 21.8
108 12.1 8.6 13.0





#41
Hexachlorocyclopentadiene
Concen: 92.414 ng
RT: 13.159 min Scan# 1680
Delta R.T. 0.005 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

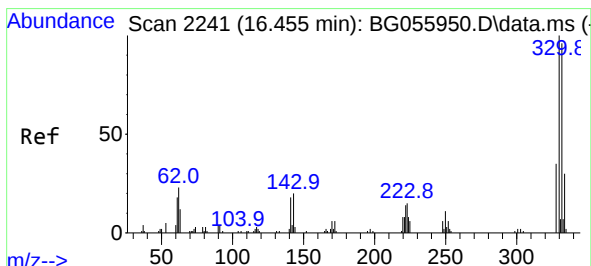
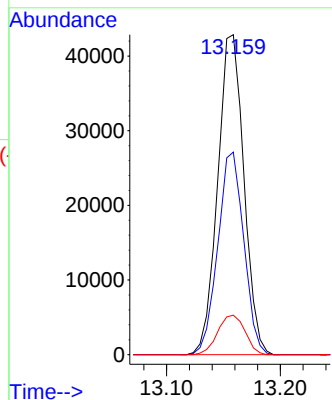
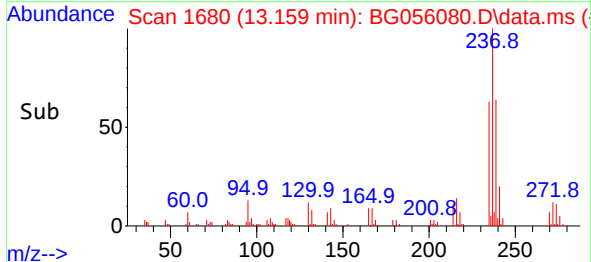
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



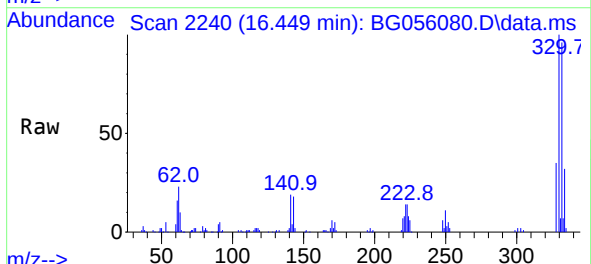
Tgt Ion:237 Resp: 6868
Ion Ratio Lower Upper
237 100
235 63.3 43.7 83.7
272 12.4 0.0 35.1

Manual Integrations
APPROVED

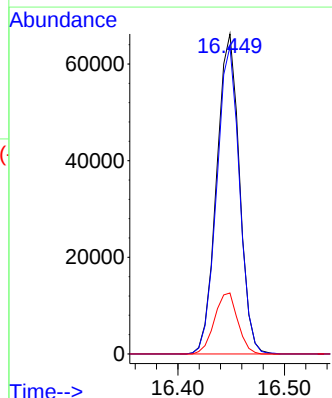
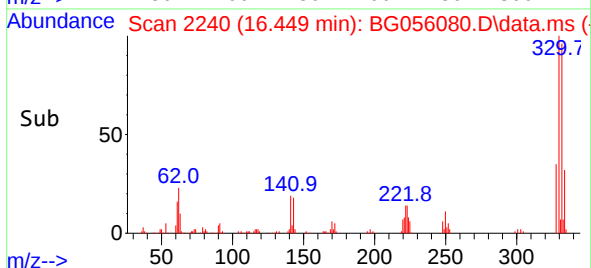
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

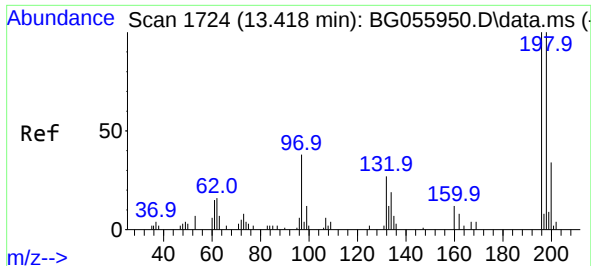


#42
2,4,6-Tribromophenol
Concen: 130.850 ng
RT: 16.449 min Scan# 2240
Delta R.T. 0.005 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48



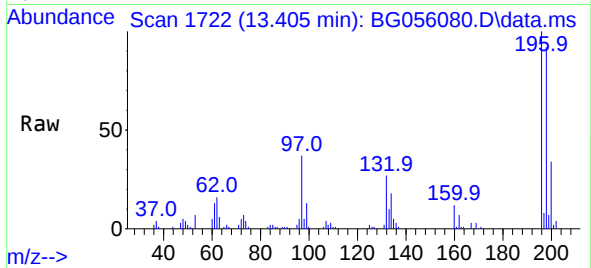
Tgt Ion:330 Resp: 97975
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 19.5 15.0 22.4





#43
2,4,6-Trichlorophenol
Concen: 51.612 ng
RT: 13.405 min Scan# 1722
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

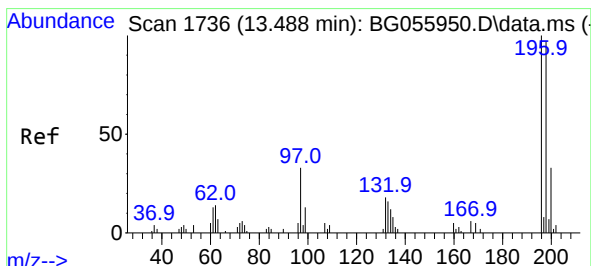
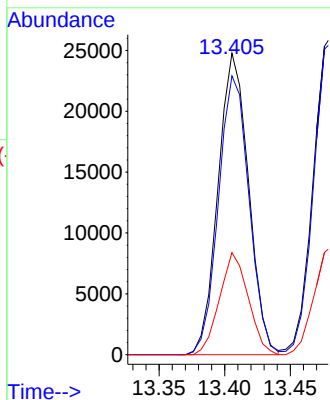
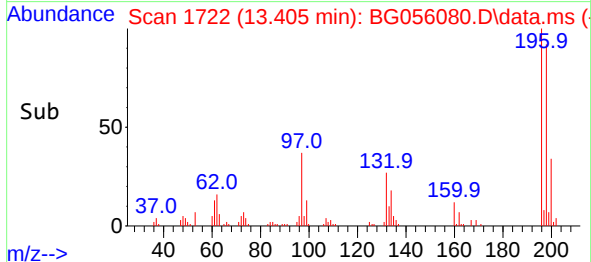
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



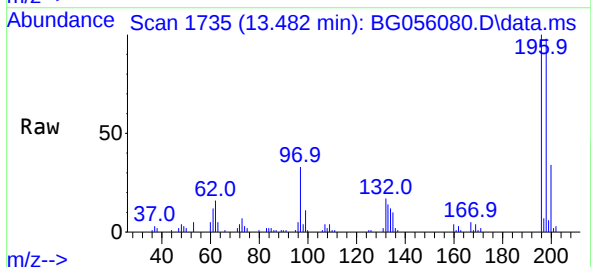
Tgt Ion:196 Resp: 4002
Ion Ratio Lower Upper
196 100
198 92.4 80.2 120.4
200 33.9 27.6 41.4

Manual Integrations
APPROVED

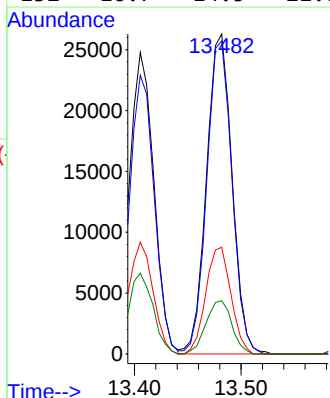
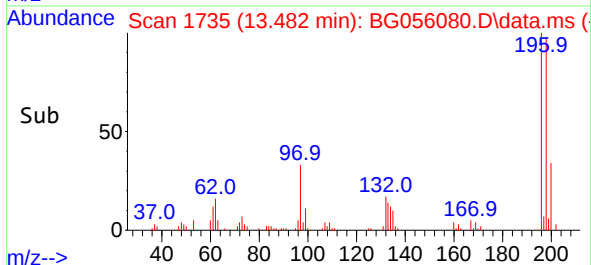
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

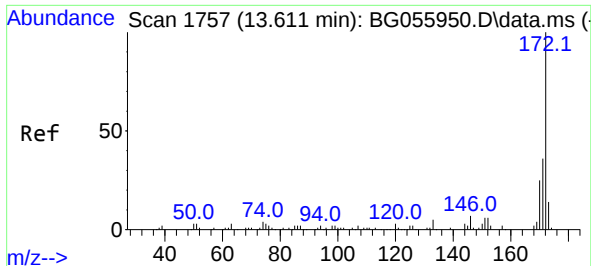


#44
2,4,5-Trichlorophenol
Concen: 50.184 ng
RT: 13.482 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48



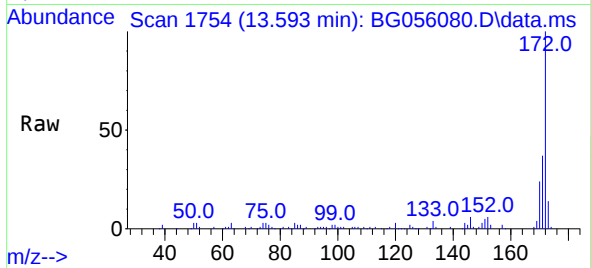
Tgt Ion:196 Resp: 43873
Ion Ratio Lower Upper
196 100
198 97.8 78.0 117.0
97 33.3 26.0 39.0
132 16.7 14.5 21.7





#45
2-Fluorobiphenyl
Concen: 57.457 ng
RT: 13.593 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

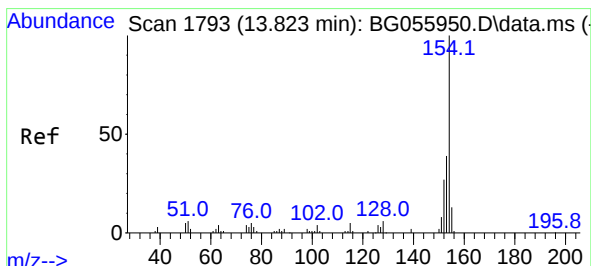
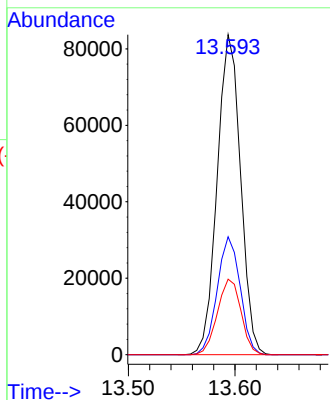
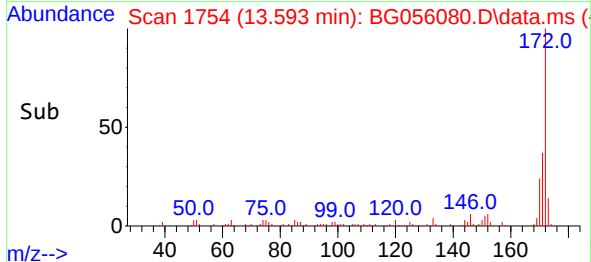
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



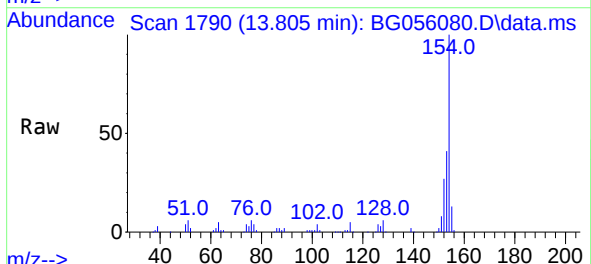
Tgt Ion:172 Resp: 127215
Ion Ratio Lower Upper
172 100
171 36.9 28.6 42.8
170 23.6 19.9 29.9

Manual Integrations
APPROVED

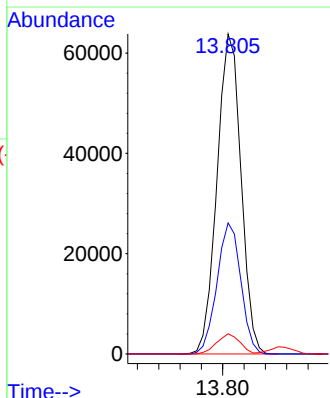
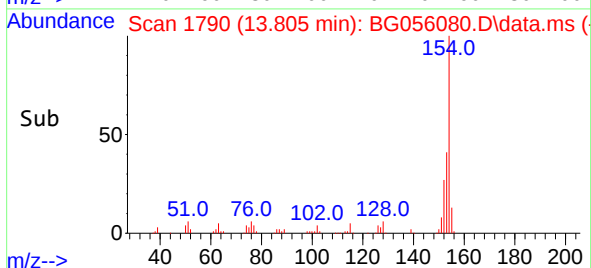
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

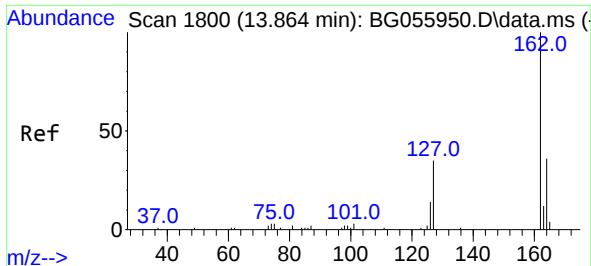


#46
1,1'-Biphenyl
Concen: 47.244 ng
RT: 13.805 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48



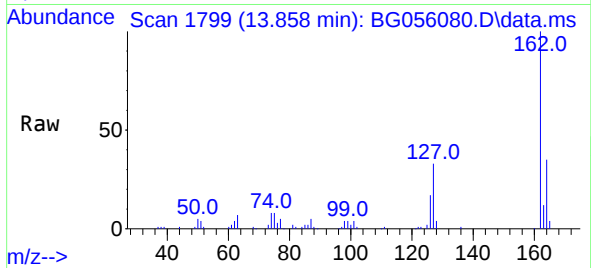
Tgt Ion:154 Resp: 99437
Ion Ratio Lower Upper
154 100
153 41.0 19.5 59.5
76 6.3 0.0 25.5





#47
2-Chloronaphthalene
Concen: 45.665 ng
RT: 13.858 min Scan# 1799
Delta R.T. 0.005 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

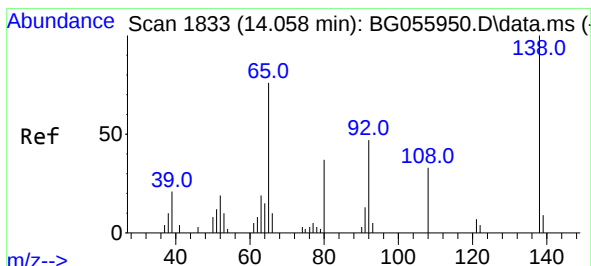
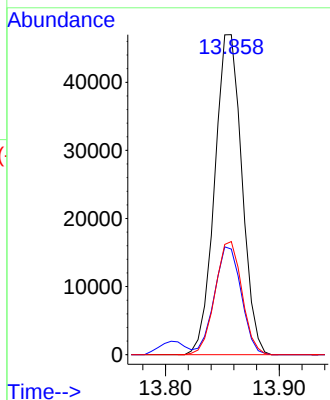
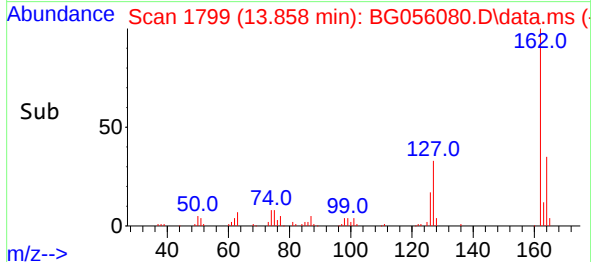
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



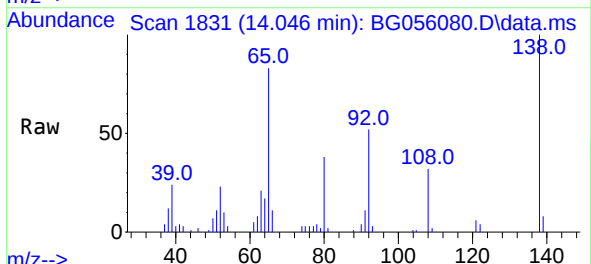
Tgt Ion:162 Resp: 78098
Ion Ratio Lower Upper
162 100
127 33.0 31.0 46.4
164 35.4 28.6 42.8

Manual Integrations
APPROVED

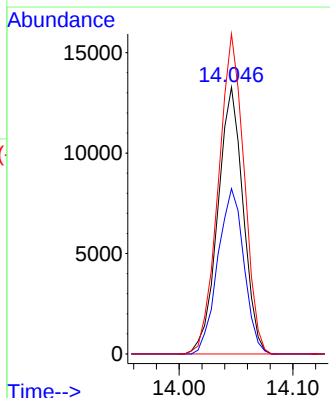
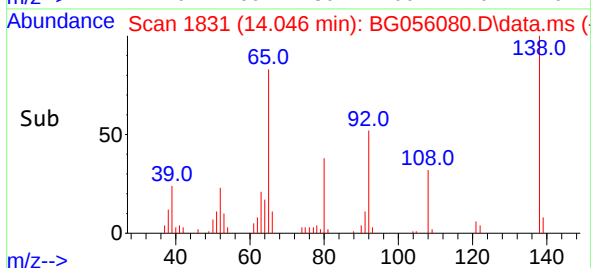
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

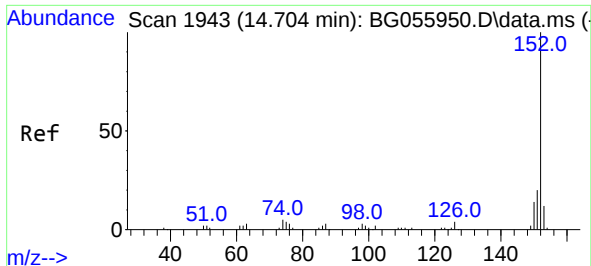


#48
2-Nitroaniline
Concen: 60.200 ng
RT: 14.046 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48



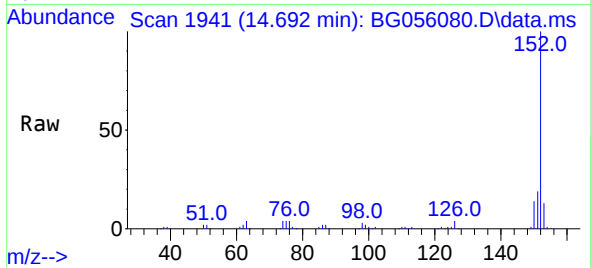
Tgt Ion: 65 Resp: 20552
Ion Ratio Lower Upper
65 100
92 61.9 49.7 74.5
138 120.0 105.0 157.6





#49
Acenaphthylene
Concen: 46.125 ng
RT: 14.692 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

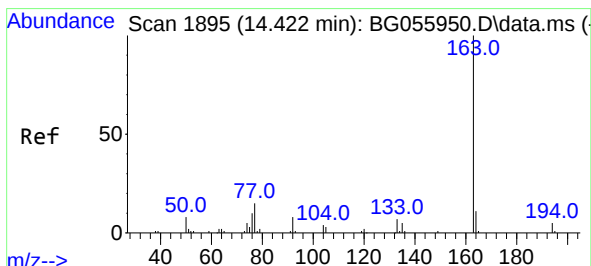
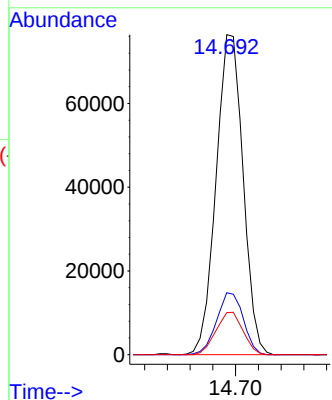
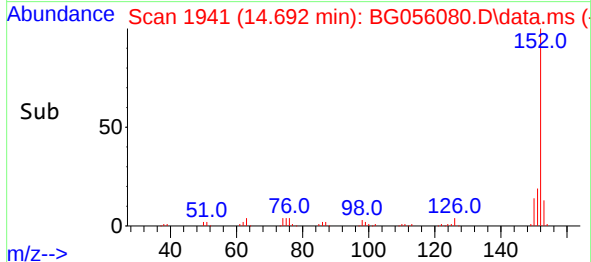
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



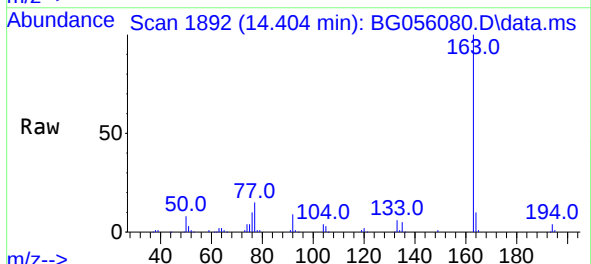
Tgt Ion:152 Resp: 125914
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.8
153 13.1 10.0 15.0

Manual Integrations
APPROVED

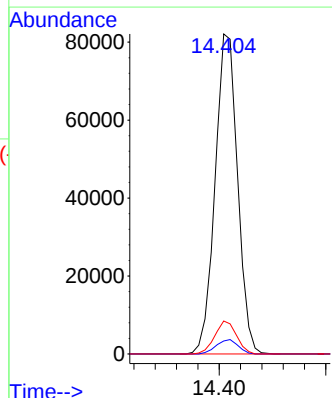
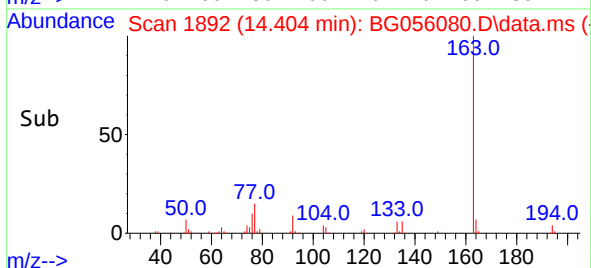
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

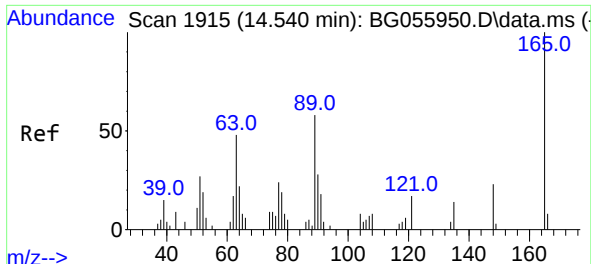


#50
Dimethylphthalate
Concen: 44.644 ng
RT: 14.404 min Scan# 1892
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48



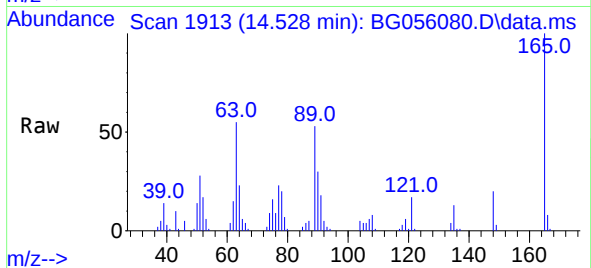
Tgt Ion:163 Resp: 119853
Ion Ratio Lower Upper
163 100
194 4.0 3.8 5.6
164 10.3 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 61.147 ng
RT: 14.528 min Scan# 1913
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

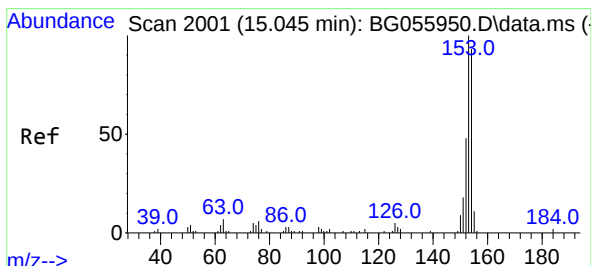
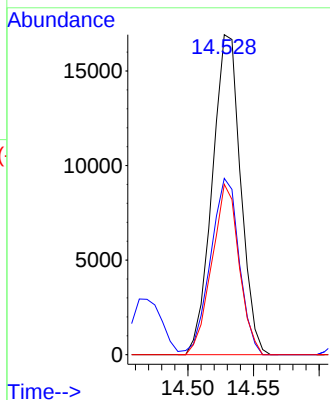
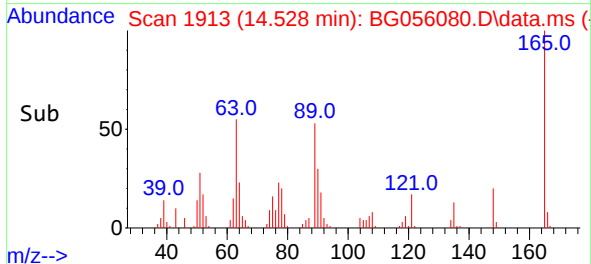
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



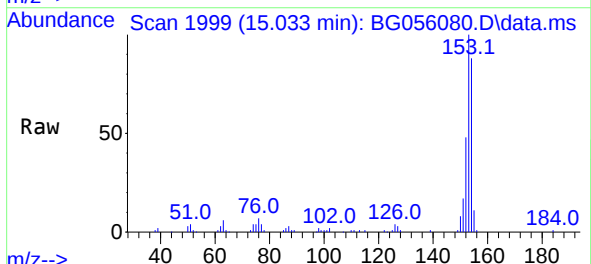
Tgt Ion:165 Resp: 2540
Ion Ratio Lower Upper
165 100
63 55.1 38.3 57.5
89 53.3 46.3 69.5

Manual Integrations
APPROVED

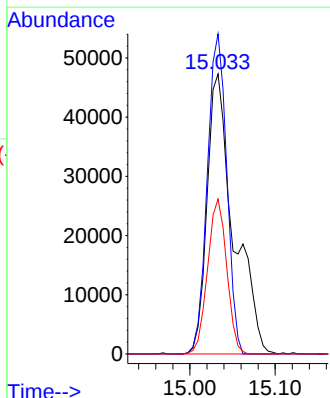
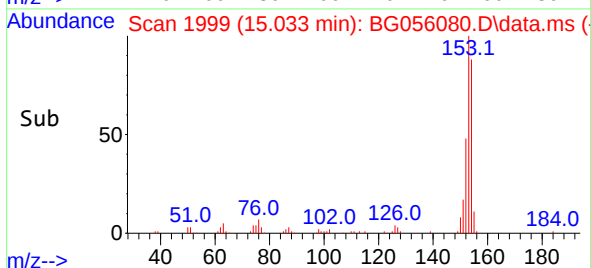
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

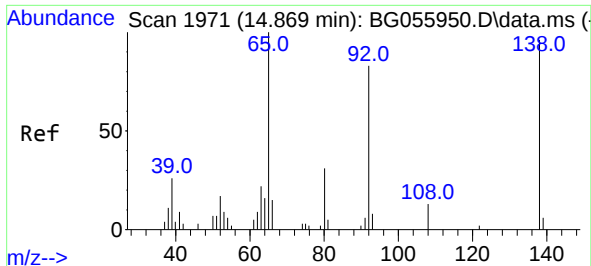


#52
Acenaphthene
Concen: 56.091 ng
RT: 15.033 min Scan# 1999
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48



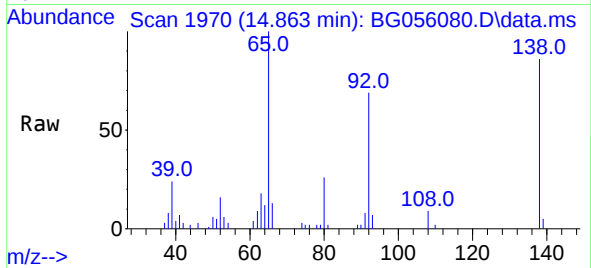
Tgt Ion:154 Resp: 102795
Ion Ratio Lower Upper
154 100
153 114.3 86.2 129.2
152 55.3 41.4 62.0





#53
3-Nitroaniline
Concen: 36.169 ng
RT: 14.863 min Scan# 148
Delta R.T. 0.005 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

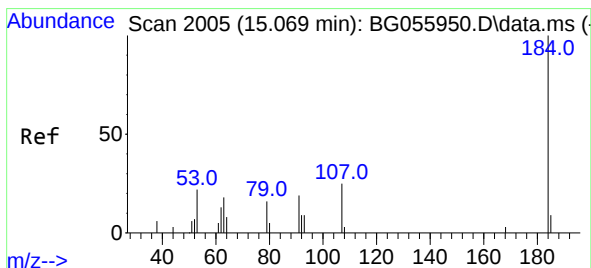
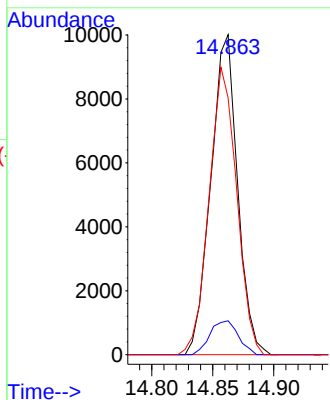
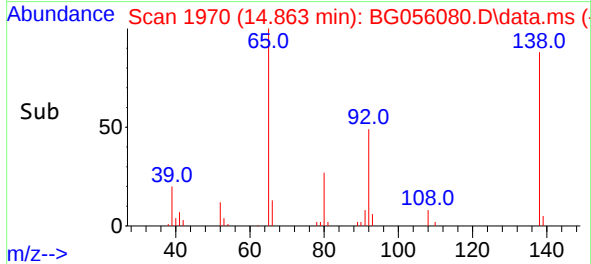
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



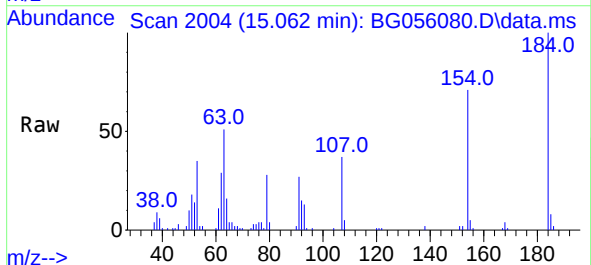
Tgt Ion:138 Resp: 15284
Ion Ratio Lower Upper
138 100
108 10.6 10.9 16.3
92 80.2 69.4 104.0

Manual Integrations
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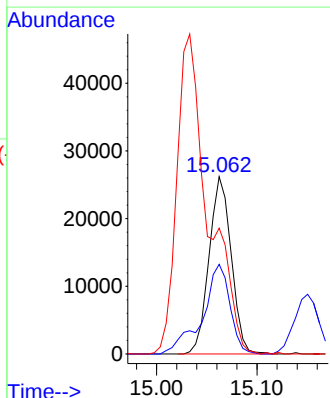
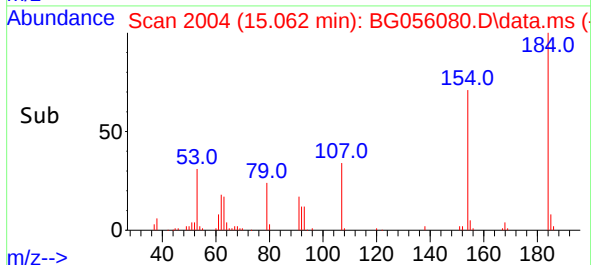
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

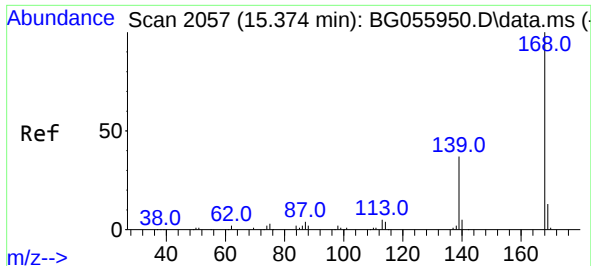


#54
2,4-Dinitrophenol
Concen: 130.048 ng
RT: 15.062 min Scan# 2004
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48



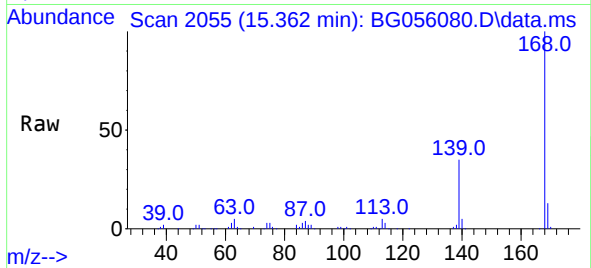
Tgt Ion:184 Resp: 40165
Ion Ratio Lower Upper
184 100
63 50.5 23.0 34.4
154 70.9 67.0 100.4





#55
Dibenzofuran
Concen: 45.927 ng
RT: 15.362 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

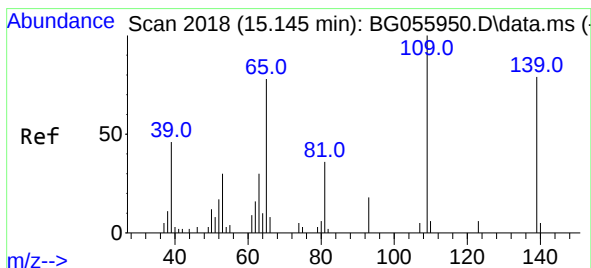
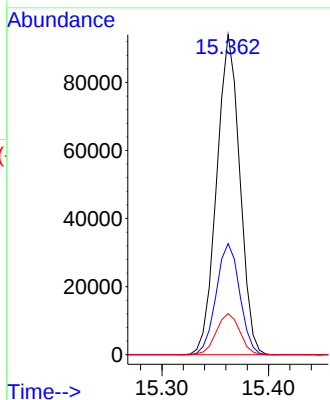
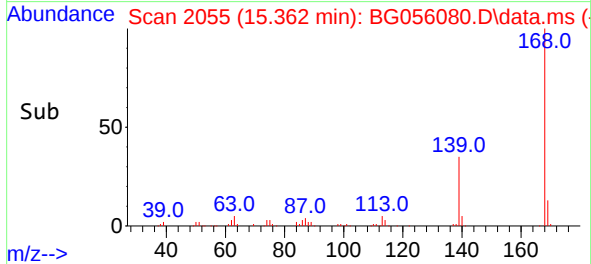
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



Tgt Ion:168 Resp: 141530
Ion Ratio Lower Upper
168 100
139 34.7 29.8 44.8
169 12.8 10.6 16.0

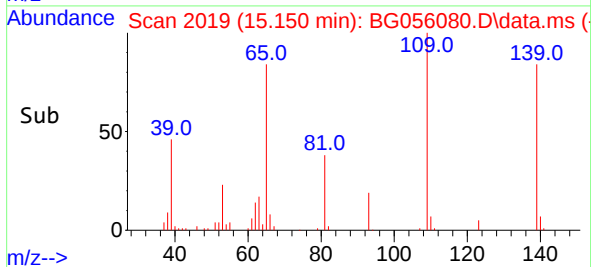
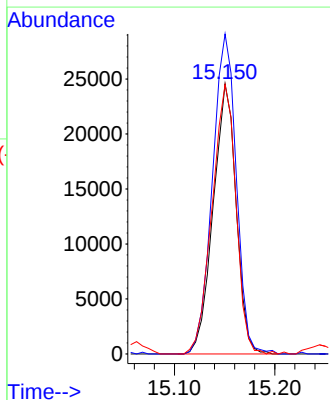
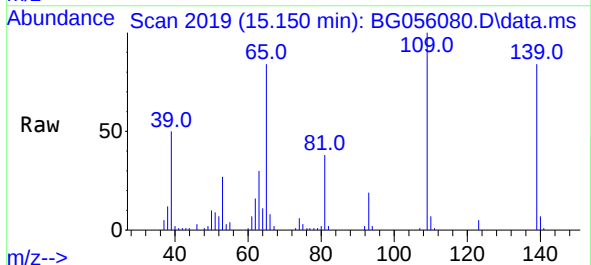
Manual Integrations
APPROVED

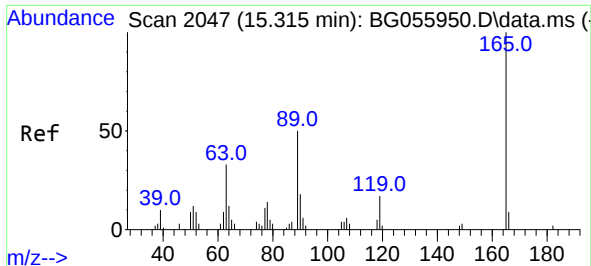
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#56
4-Nitrophenol
Concen: 115.103 ng
RT: 15.150 min Scan# 2019
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

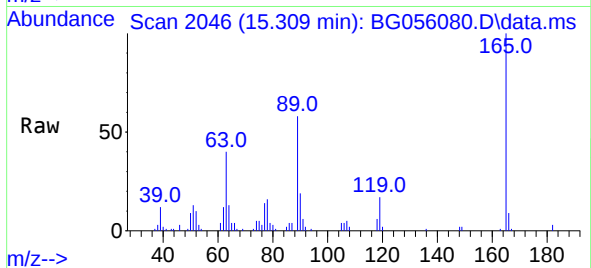
Tgt Ion:139 Resp: 38977
Ion Ratio Lower Upper
139 100
109 118.5 106.7 146.7
65 99.8 79.2 119.2





#57
2,4-Dinitrotoluene
Concen: 59.326 ng
RT: 15.309 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

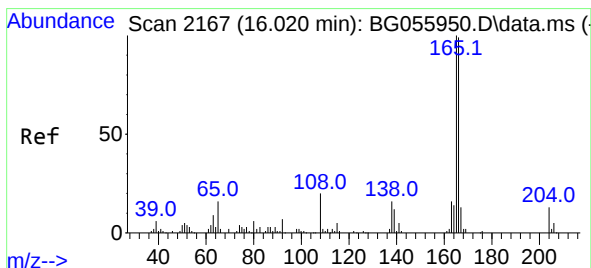
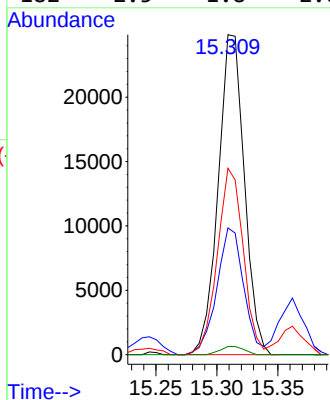
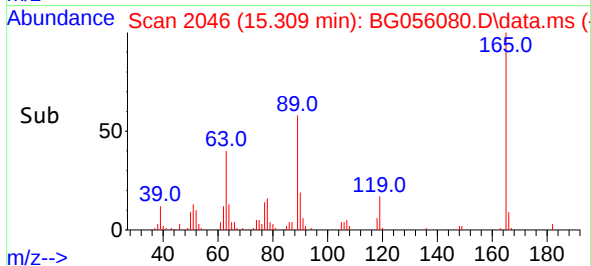
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



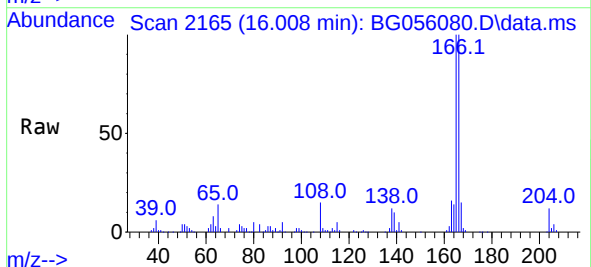
Tgt Ion:165 Resp: 3720
Ion Ratio Lower Upper
165 100
63 39.6 26.6 39.8
89 58.3 40.1 60.1
182 2.5 1.8 2.6

Manual Integrations
APPROVED

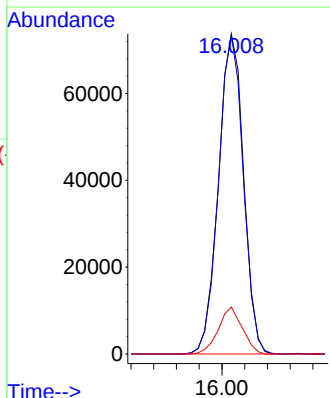
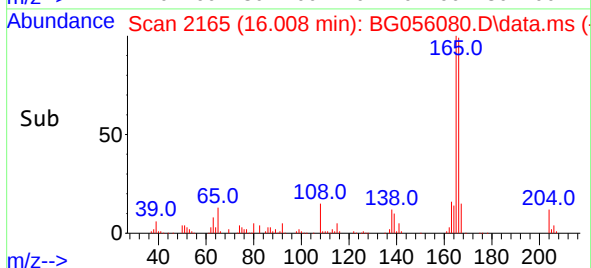
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

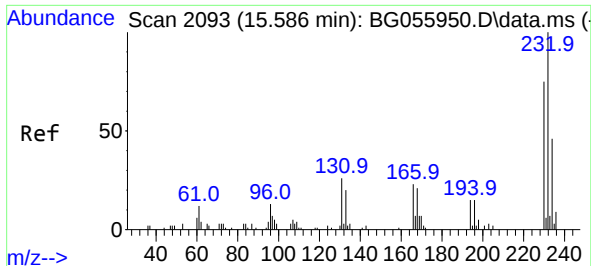


#58
Fluorene
Concen: 44.636 ng
RT: 16.008 min Scan# 2165
Delta R.T. -0.000 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48



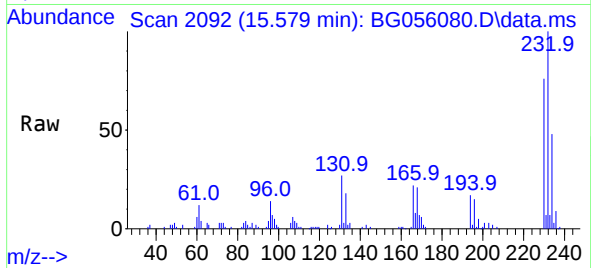
Tgt Ion:166 Resp: 112447
Ion Ratio Lower Upper
166 100
165 99.7 81.1 121.7
167 14.6 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.816 ng
RT: 15.579 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

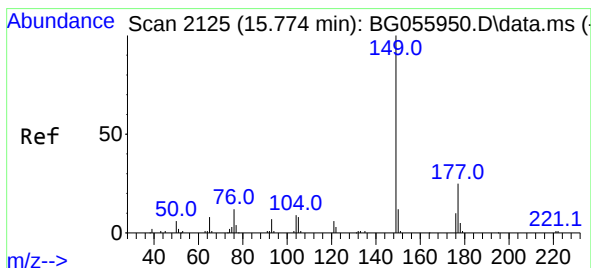
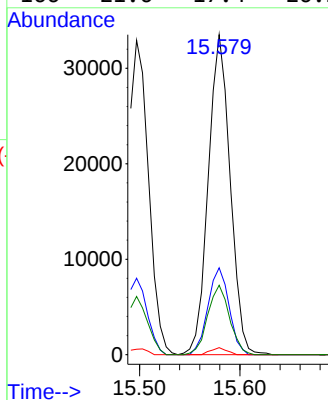
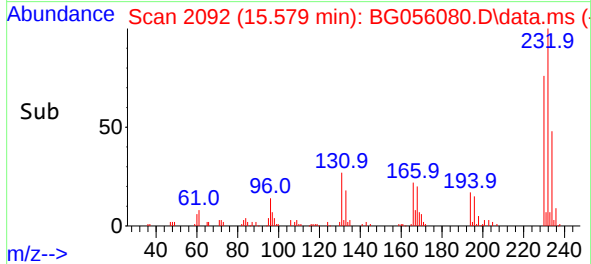
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



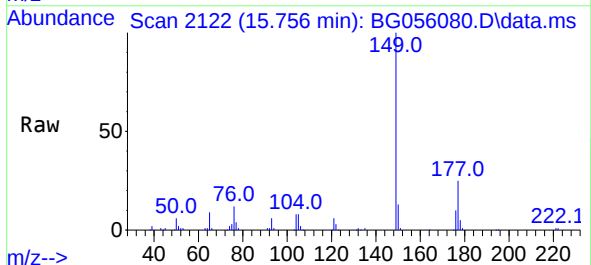
Tgt Ion:232 Resp: 50752
Ion Ratio Lower Upper
232 100
131 26.1 20.7 31.1
130 1.6 1.2 1.8
166 21.6 17.4 26.2

Manual Integrations
APPROVED

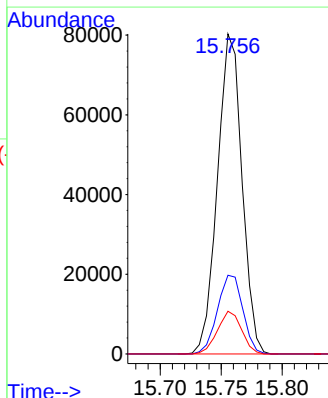
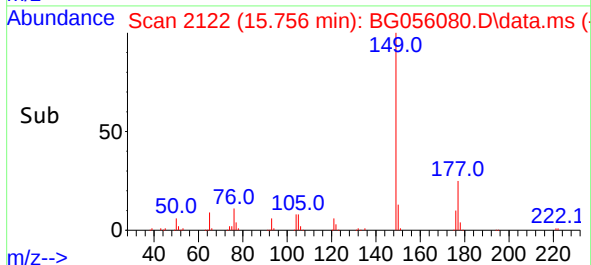
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

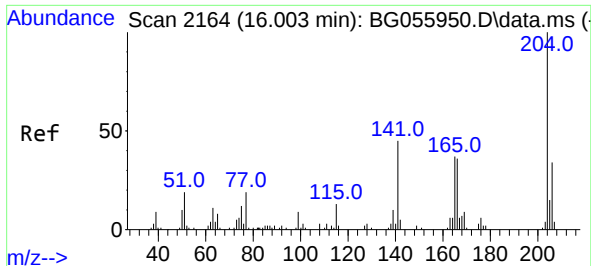


#60
Diethylphthalate
Concen: 42.838 ng
RT: 15.756 min Scan# 2122
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48



Tgt Ion:149 Resp: 112406
Ion Ratio Lower Upper
149 100
177 24.6 19.7 29.5
150 13.3 9.5 14.3





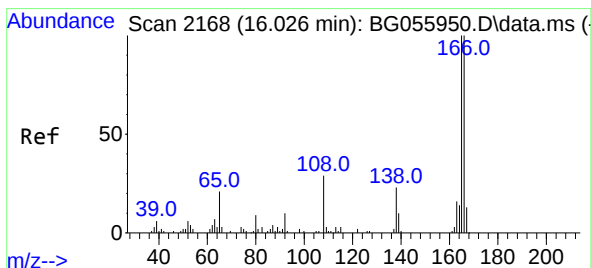
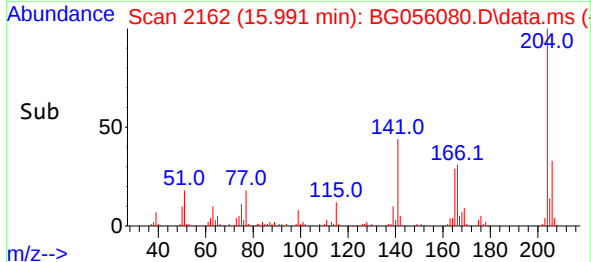
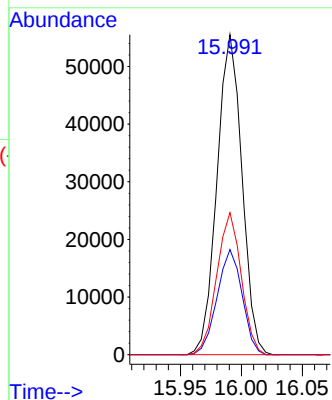
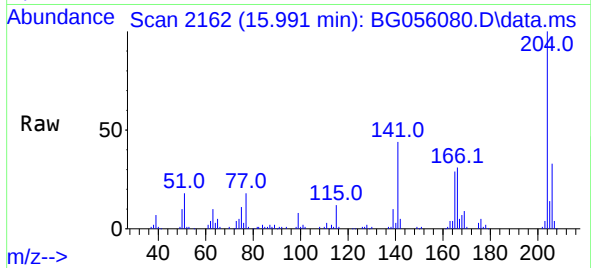
#61
4-Chlorophenyl-phenylether
Concen: 46.095 ng
RT: 15.991 min Scan# 2162
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD

Tgt Ion:204 Resp: 7910
Ion Ratio Lower Upper
204 100
206 32.9 27.0 40.4
141 44.4 36.3 54.5

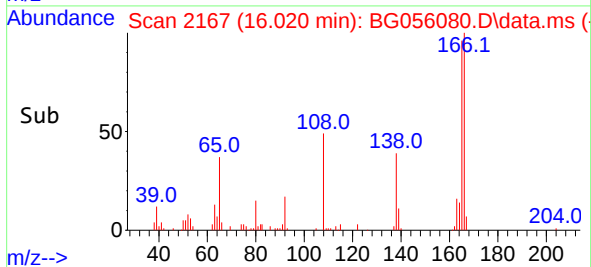
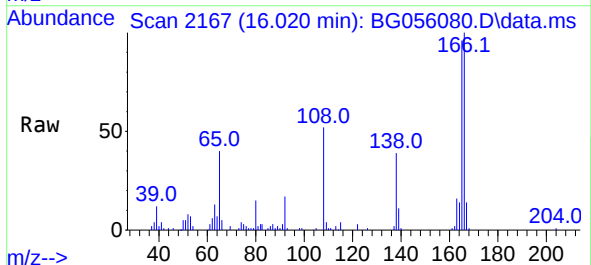
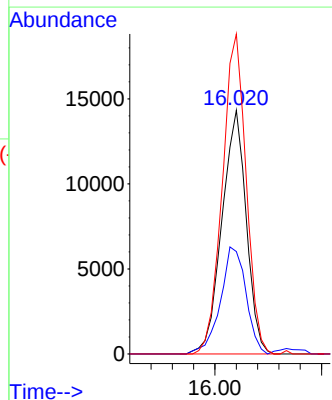
Manual Integrations
APPROVED

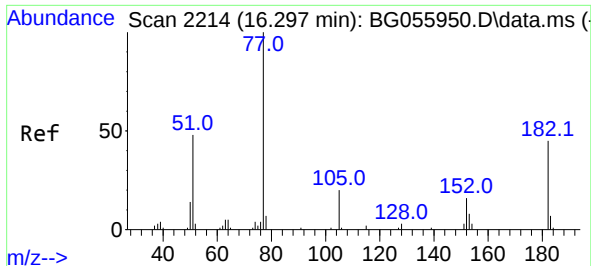
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#62
4-Nitroaniline
Concen: 49.308 ng
RT: 16.020 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

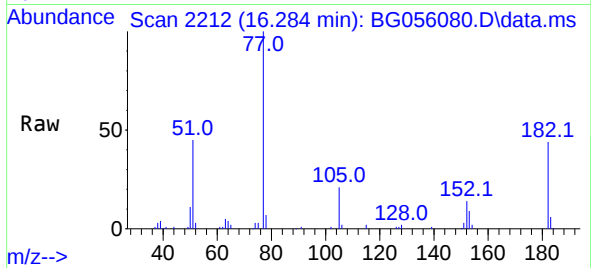
Tgt Ion:138 Resp: 22691
Ion Ratio Lower Upper
138 100
92 42.0 24.4 64.4
108 131.3 110.1 150.1





#63
Azobenzene
Concen: 46.335 ng
RT: 16.284 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

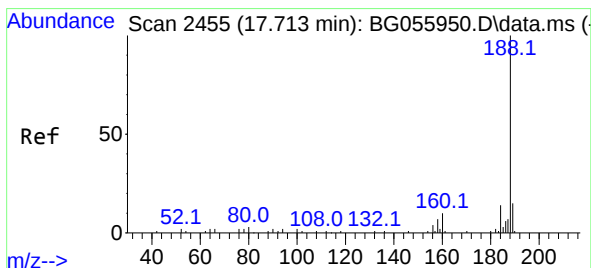
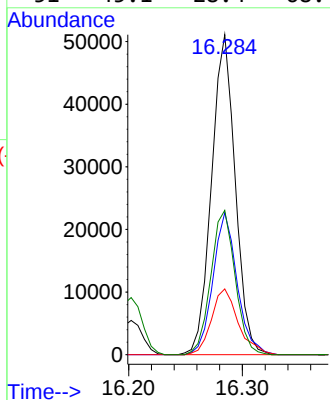
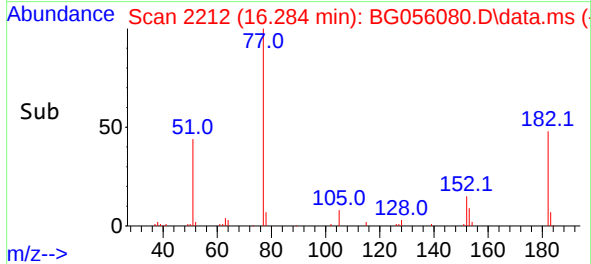
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



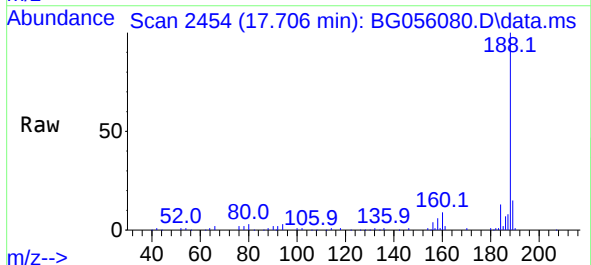
Tgt Ion: 77 Resp: 7400
Ion Ratio Lower Upper
77 100
182 44.4 24.7 64.7
105 20.5 0.3 40.3
51 45.1 28.4 68.4

Manual Integrations
APPROVED

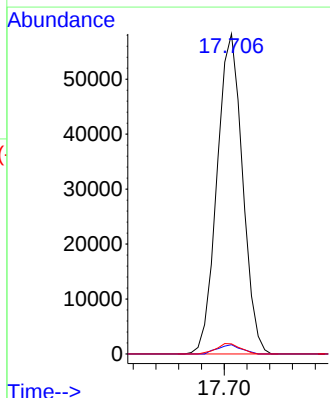
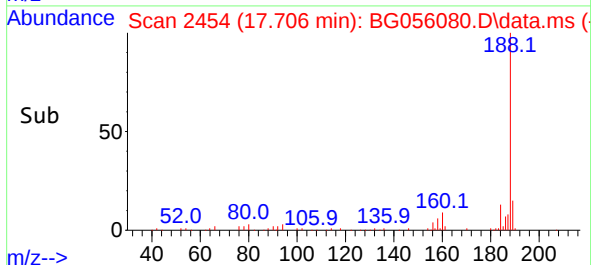
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

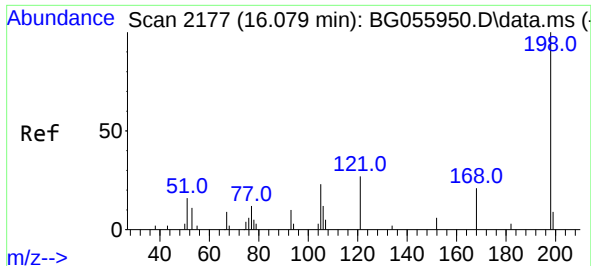


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.706 min Scan# 2454
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48



Tgt Ion:188 Resp: 90635
Ion Ratio Lower Upper
188 100
94 2.9 1.8 2.8#
80 3.2 2.4 3.6





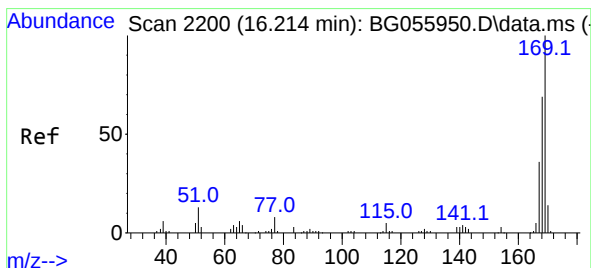
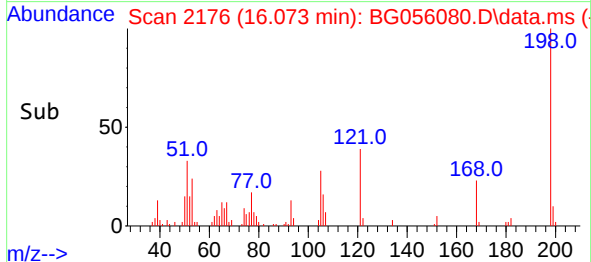
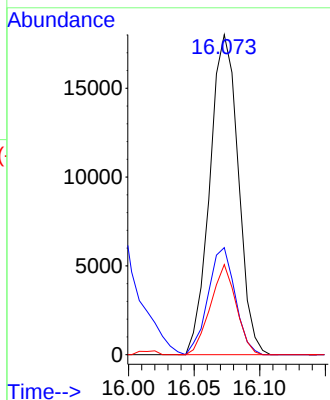
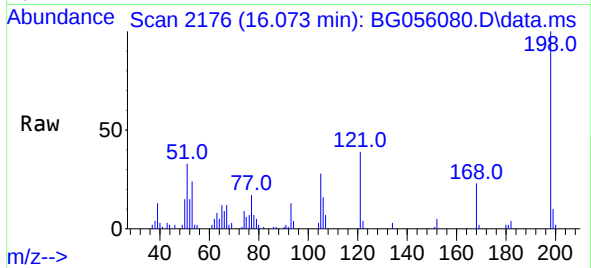
#65
4,6-Dinitro-2-methylphenol
Concen: 62.688 ng
RT: 16.073 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD

Tgt Ion:198 Resp: 2714
Ion Ratio Lower Upper
198 100
51 33.5 3.0 43.0
105 28.1 3.3 43.3

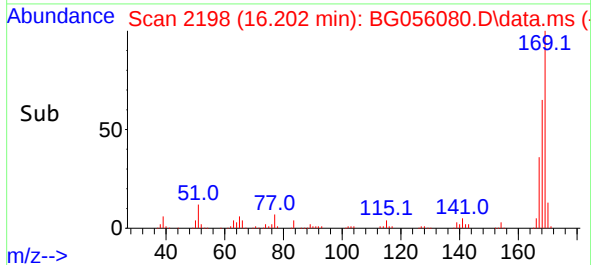
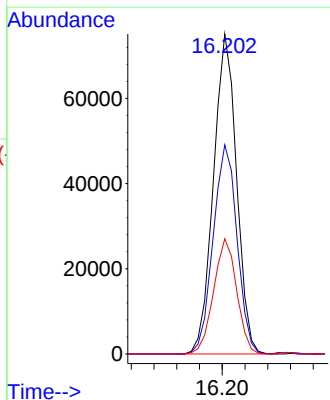
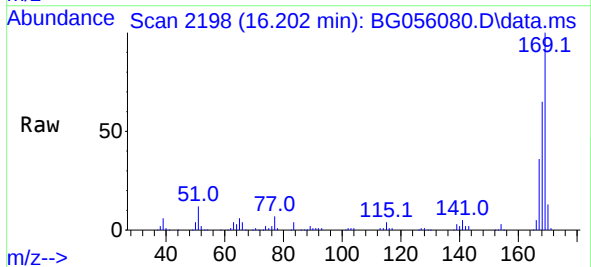
Manual Integrations
APPROVED

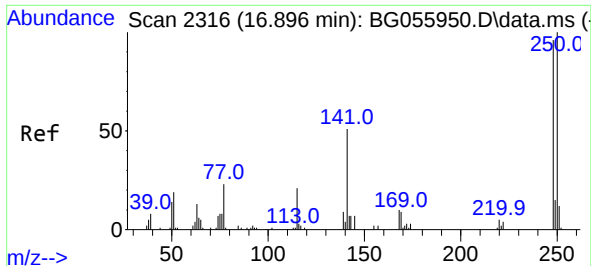
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#66
n-Nitrosodiphenylamine
Concen: 44.570 ng
RT: 16.202 min Scan# 2198
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

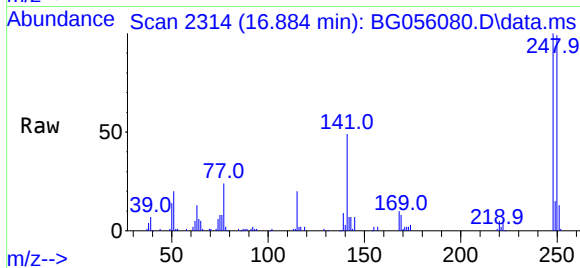
Tgt Ion:169 Resp: 105859
Ion Ratio Lower Upper
169 100
168 65.4 55.3 82.9
167 36.0 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 44.380 ng
RT: 16.884 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

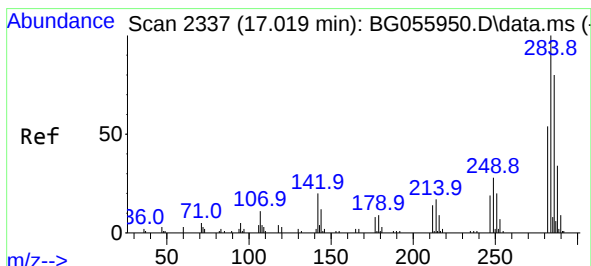
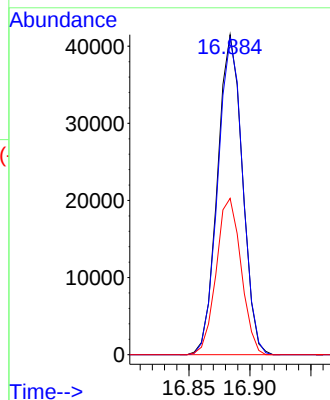
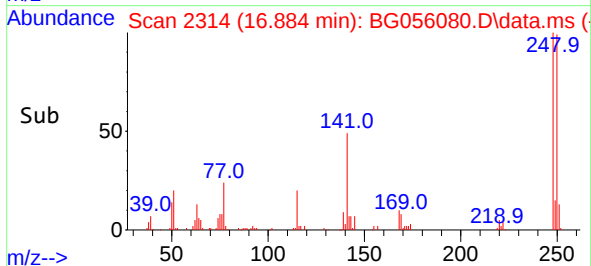
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



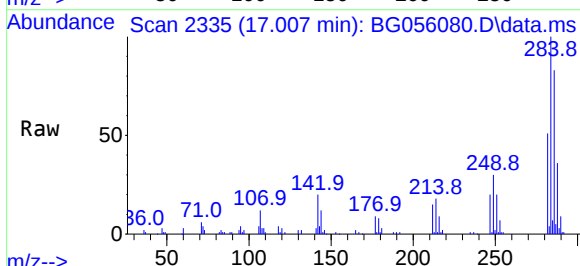
Tgt Ion:248 Resp: 5894
Ion Ratio Lower Upper
248 100
250 98.9 83.0 124.6
141 48.9 42.6 64.0

Manual Integrations
APPROVED

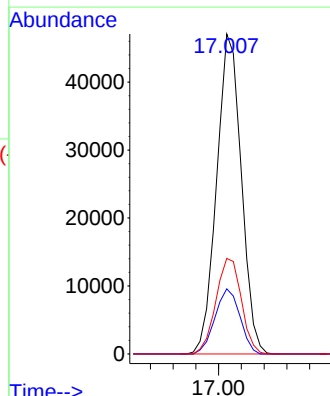
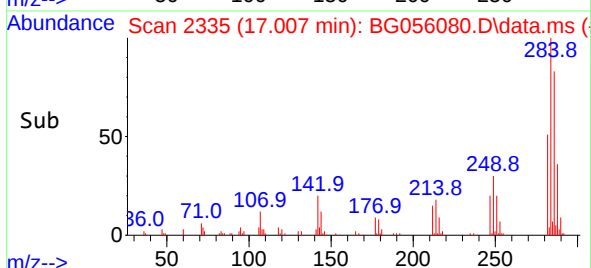
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

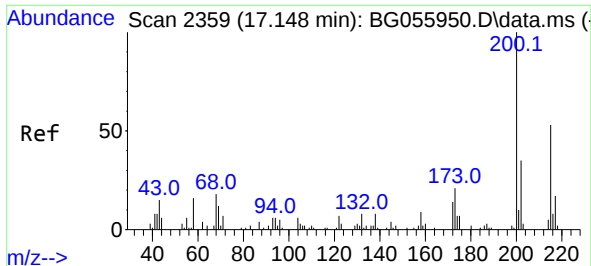


#68
Hexachlorobenzene
Concen: 43.336 ng
RT: 17.007 min Scan# 2335
Delta R.T. -0.000 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48



Tgt Ion:284 Resp: 70891
Ion Ratio Lower Upper
284 100
142 20.4 16.2 24.2
249 29.9 22.8 34.2





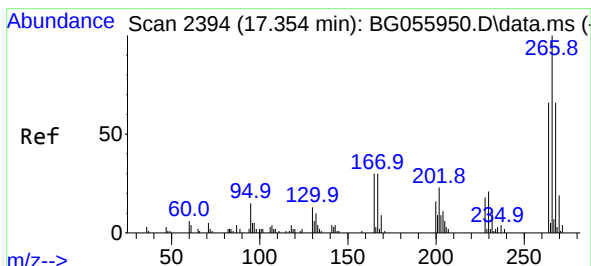
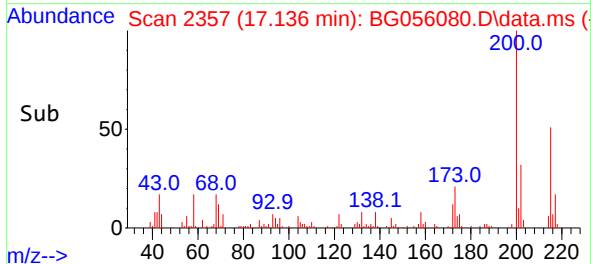
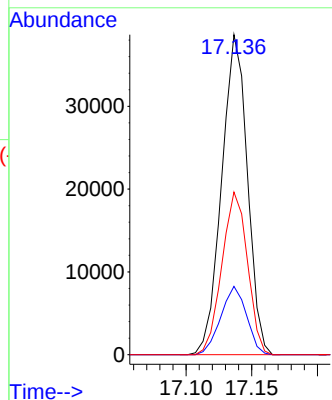
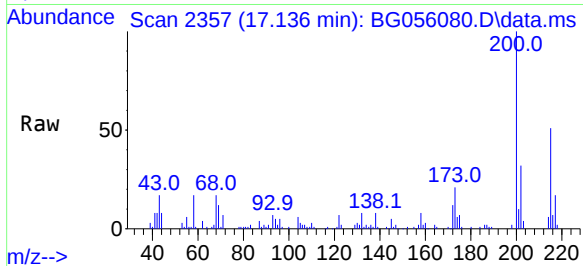
#69
Atrazine
Concen: 48.939 ng
RT: 17.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD

Tgt Ion:200 Resp: 5263
Ion Ratio Lower Upper
200 100
173 21.3 1.4 41.4
215 50.8 33.3 73.3

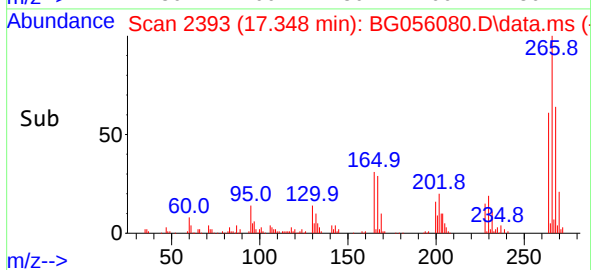
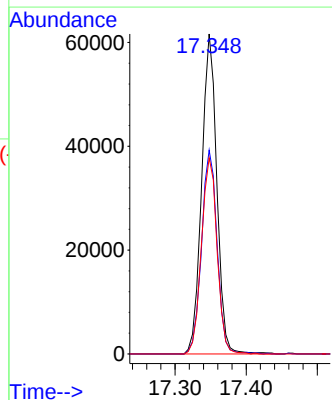
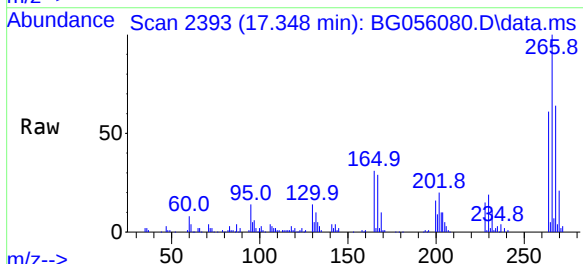
Manual Integrations
APPROVED

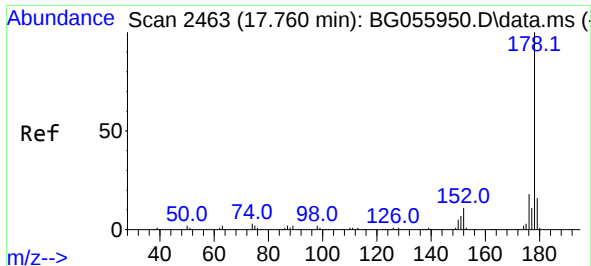
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#70
Pentachlorophenol
Concen: 97.786 ng
RT: 17.348 min Scan# 2393
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

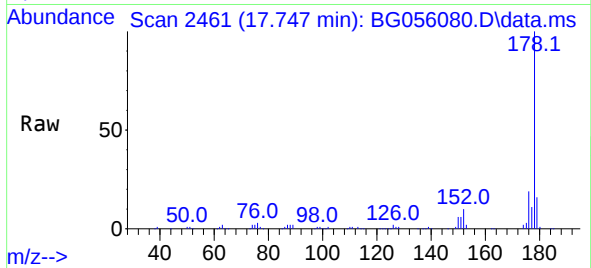
Tgt Ion:266 Resp: 91450
Ion Ratio Lower Upper
266 100
268 63.7 55.5 83.3
264 61.3 52.6 78.8





#71
Phenanthrene
Concen: 44.506 ng
RT: 17.747 min Scan# 2461
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

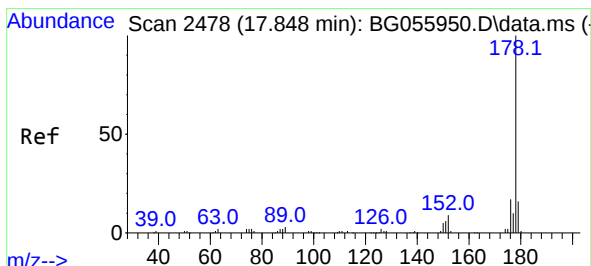
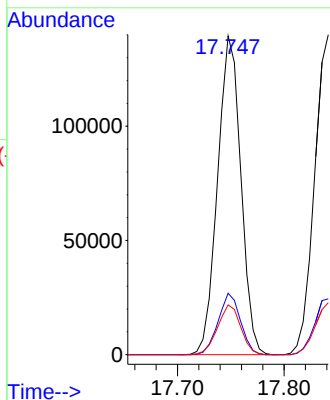
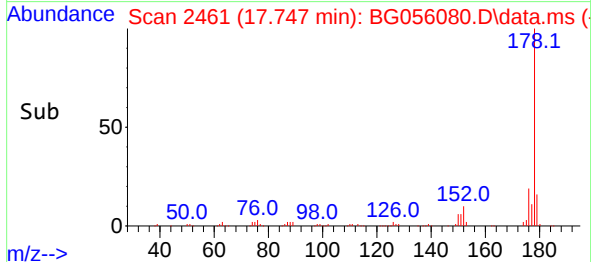
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



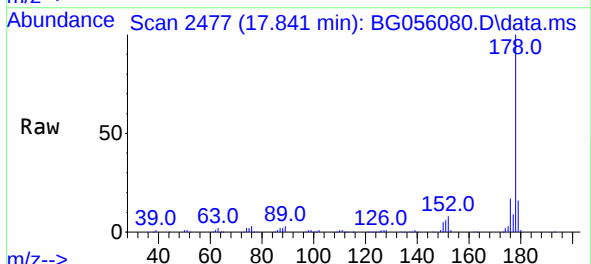
Tgt Ion:178 Resp: 211390
Ion Ratio Lower Upper
178 100
176 19.3 14.4 21.6
179 15.6 12.7 19.1

Manual Integrations
APPROVED

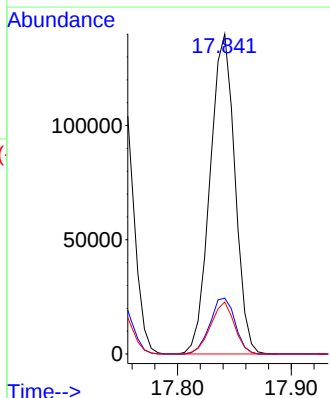
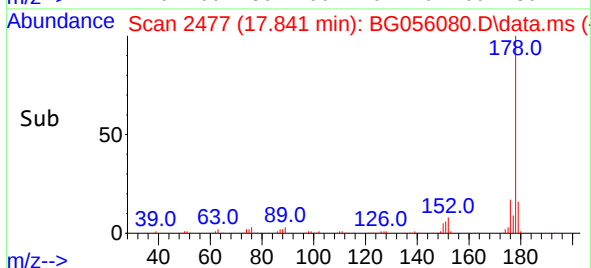
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

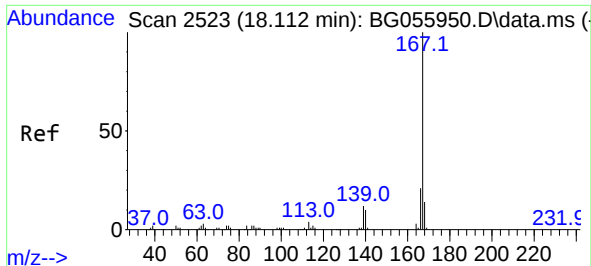


#72
Anthracene
Concen: 45.208 ng
RT: 17.841 min Scan# 2477
Delta R.T. -0.000 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48



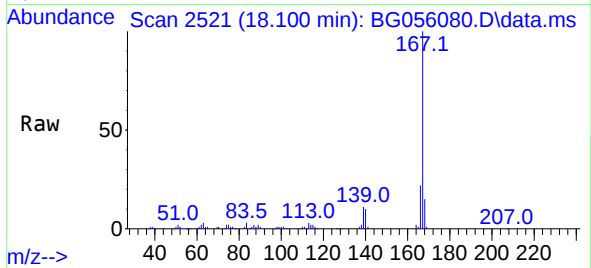
Tgt Ion:178 Resp: 212435
Ion Ratio Lower Upper
178 100
176 17.4 13.9 20.9
179 16.2 12.7 19.1





#73
 Carbazole
 Concen: 44.545 ng
 RT: 18.100 min Scan# 2521
 Delta R.T. -0.001 min
 Lab File: BG056080.D
 Acq: 23 Dec 2022 15:48

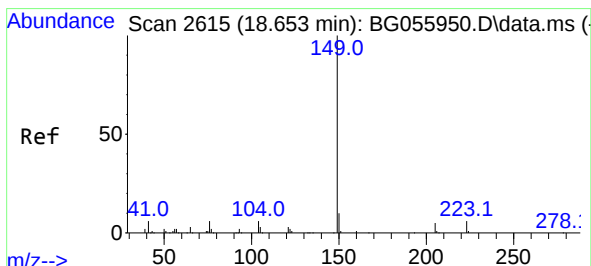
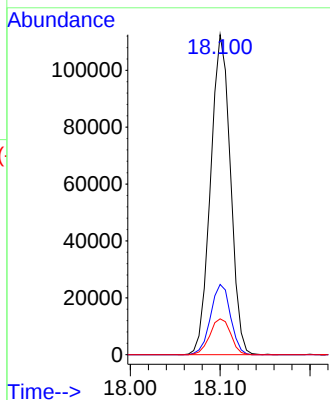
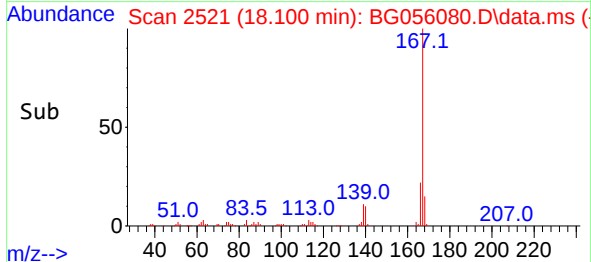
Instrument : BNA_G
 ClientSampleId : 20221419-COMPOSITE-BMSD



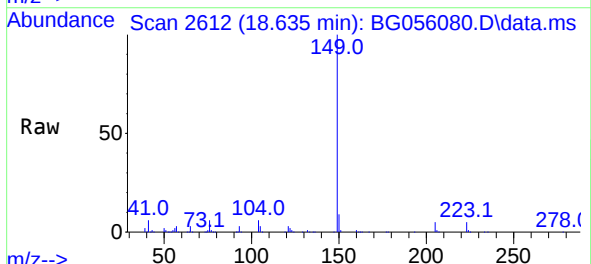
Tgt Ion:167 Resp: 17263
 Ion Ratio Lower Upper
 167 100
 166 22.0 16.6 25.0
 139 11.2 9.7 14.5

Manual Integrations
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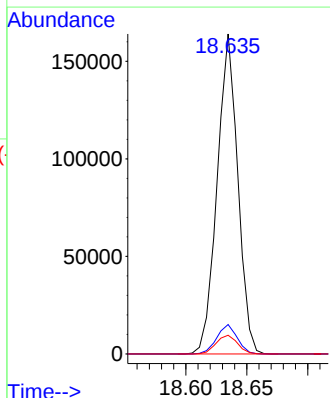
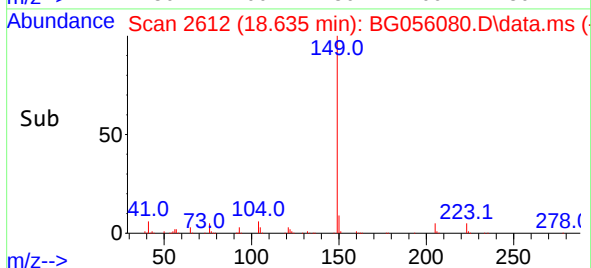
Reviewed By :Christian Giraldo 12/24/2022
 Supervised By :Yogesh Patel 12/26/2022

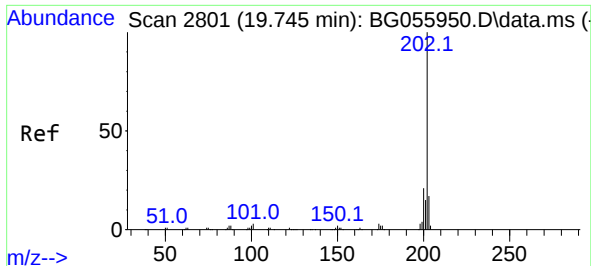


#74
 Di-n-butylphthalate
 Concen: 42.958 ng
 RT: 18.635 min Scan# 2612
 Delta R.T. -0.001 min
 Lab File: BG056080.D
 Acq: 23 Dec 2022 15:48



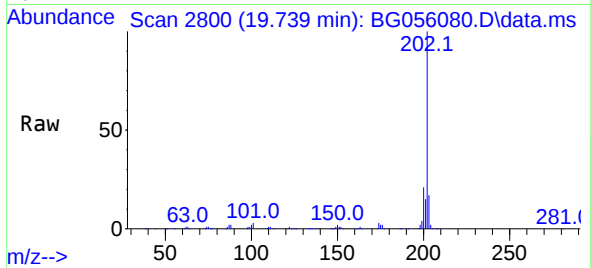
Tgt Ion:149 Resp: 193615
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.9 4.8 7.2





#75
Fluoranthene
Concen: 41.876 ng
RT: 19.739 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

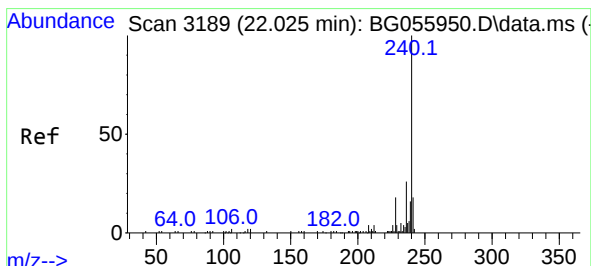
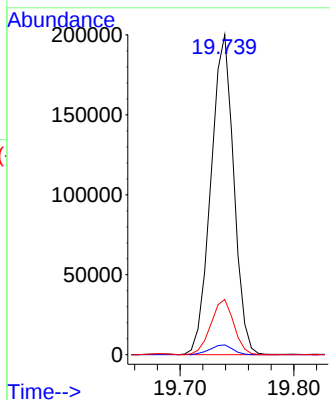
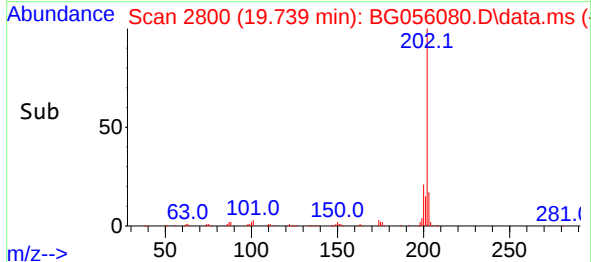
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



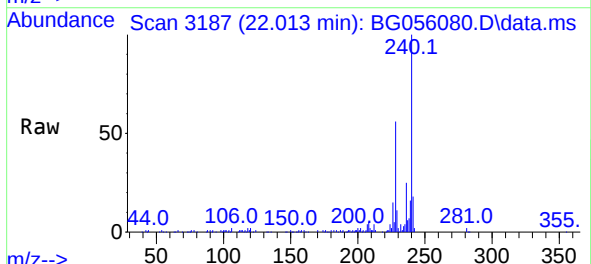
Tgt Ion:202 Resp: 27852
Ion Ratio Lower Upper
202 100
101 3.0 0.0 22.6
203 17.2 0.0 37.1

Manual Integrations
APPROVED

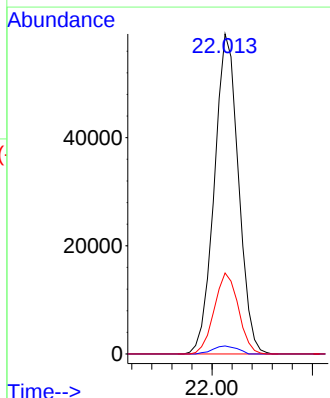
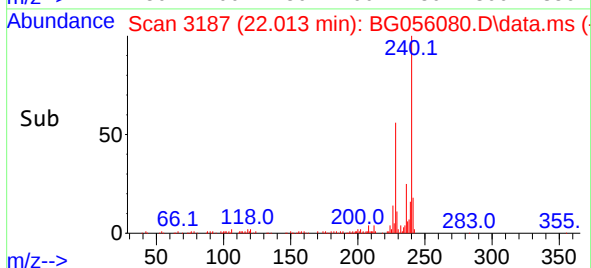
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

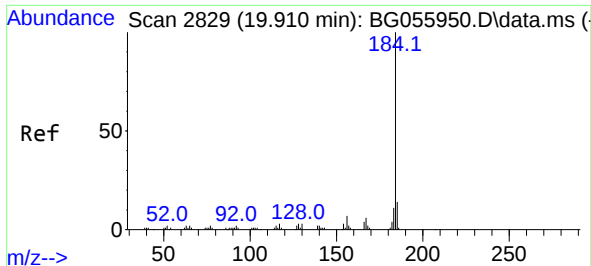


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.013 min Scan# 3187
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48



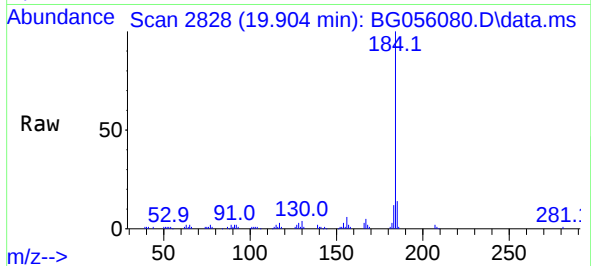
Tgt Ion:240 Resp: 98571
Ion Ratio Lower Upper
240 100
120 2.5 1.7 2.5
236 25.3 21.1 31.7





#77
Benzidine
Concen: 37.492 ng
RT: 19.904 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

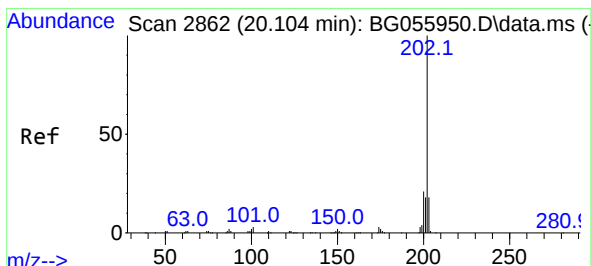
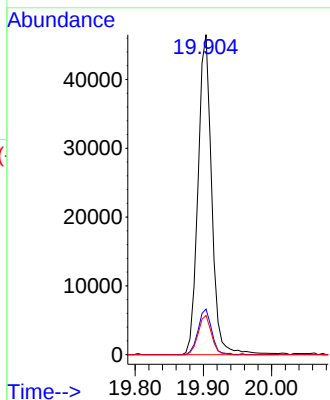
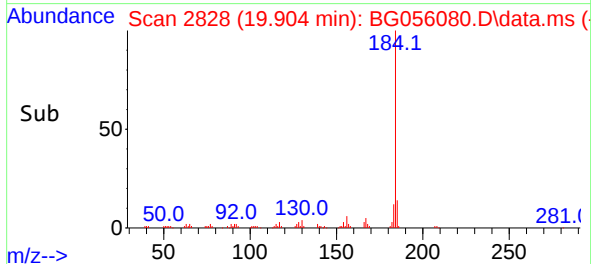
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



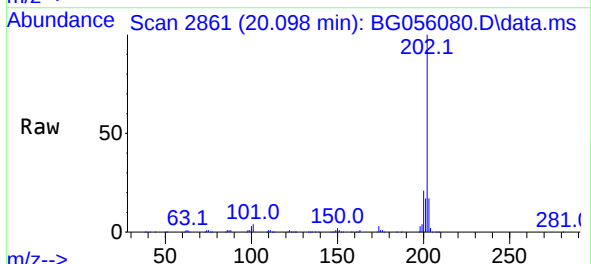
Tgt Ion:184 Resp: 6490
Ion Ratio Lower Upper
184 100
185 14.2 10.9 16.3
183 12.3 9.2 13.8

Manual Integrations
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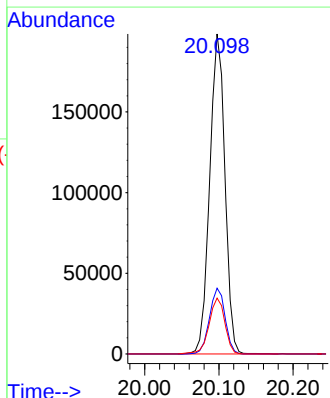
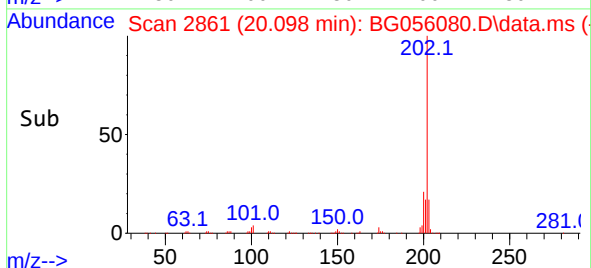
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

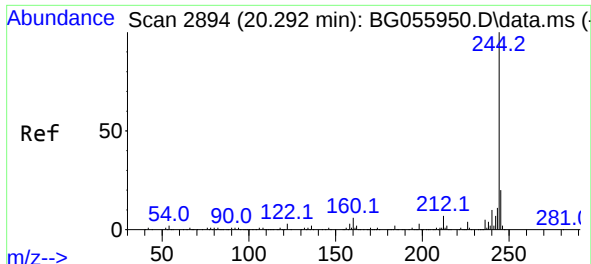


#78
Pyrene
Concen: 47.362 ng
RT: 20.098 min Scan# 2861
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48



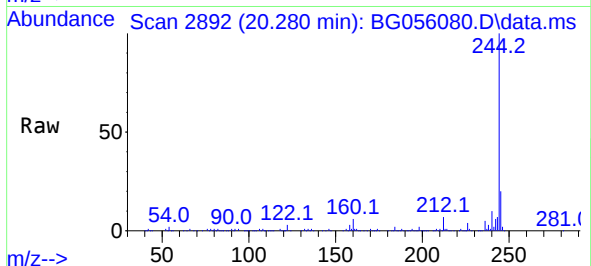
Tgt Ion:202 Resp: 282498
Ion Ratio Lower Upper
202 100
200 20.5 16.7 25.1
203 17.4 14.6 21.8





#79
 Terphenyl-d14
 Concen: 54.368 ng
 RT: 20.280 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG056080.D
 Acq: 23 Dec 2022 15:48

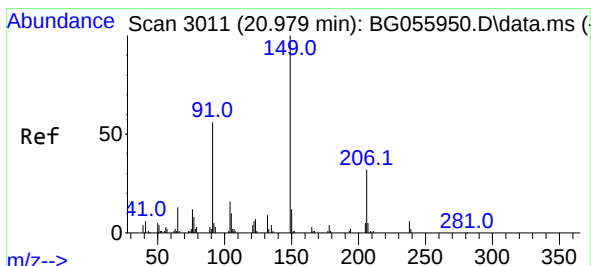
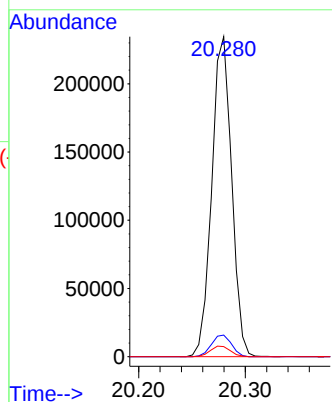
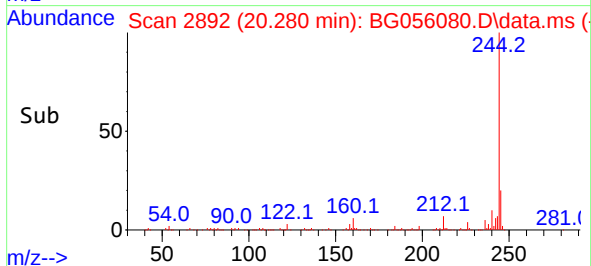
Instrument :
 BNA_G
 ClientSampleId :
 20221419-COMPOSITE-BMSD



Tgt Ion:244 Resp: 30322
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 3.2 2.5 3.7

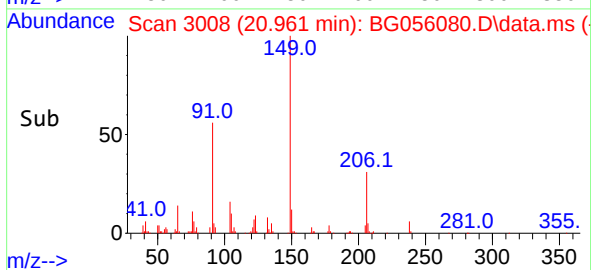
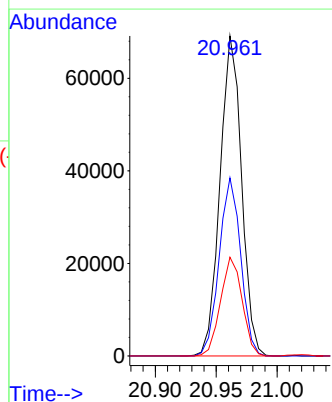
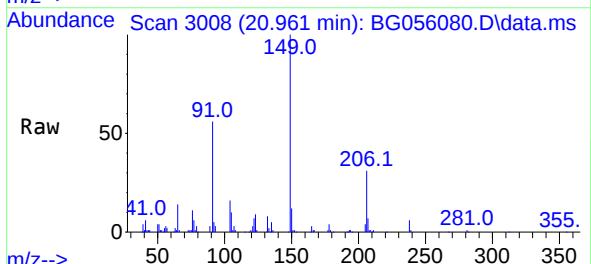
Manual Integrations
 APPROVED

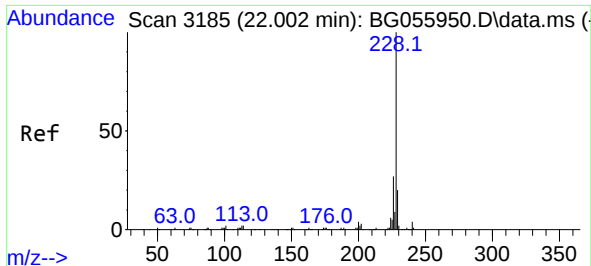
Reviewed By :Christian Giraldo 12/24/2022
 Supervised By :Yogesh Patel 12/26/2022



#80
 Butylbenzylphthalate
 Concen: 50.326 ng
 RT: 20.961 min Scan# 3008
 Delta R.T. -0.001 min
 Lab File: BG056080.D
 Acq: 23 Dec 2022 15:48

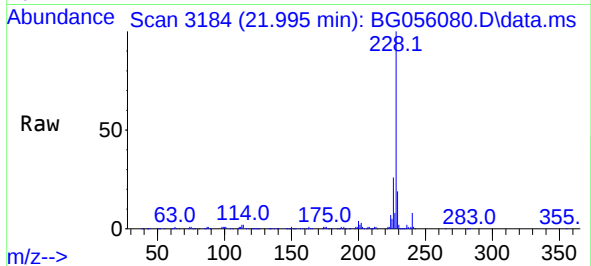
Tgt Ion:149 Resp: 85058
 Ion Ratio Lower Upper
 149 100
 91 55.7 44.5 66.7
 206 30.8 25.8 38.6





#81
Benzo(a)anthracene
Concen: 45.396 ng
RT: 21.995 min Scan# 3185
Delta R.T. 0.005 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

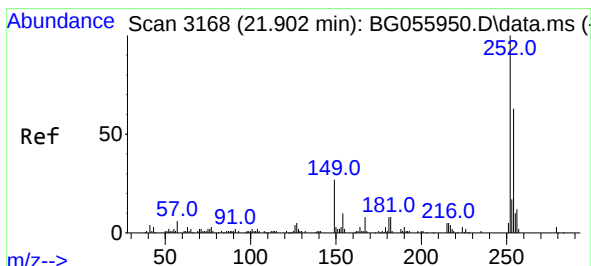
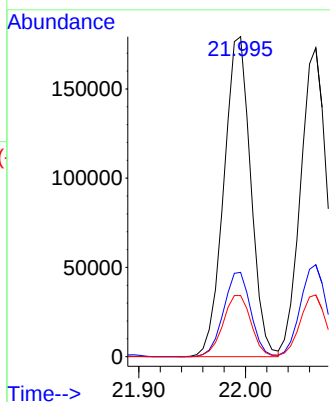
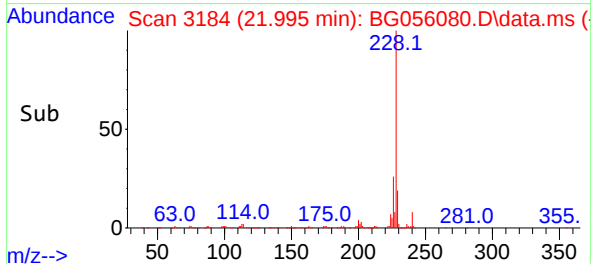
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



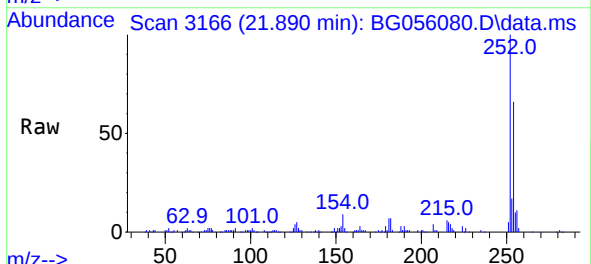
Tgt Ion:228 Resp: 314874
Ion Ratio Lower Upper
228 100
226 26.4 21.8 32.6
229 19.1 15.9 23.9

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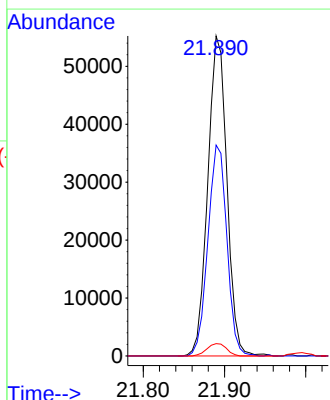
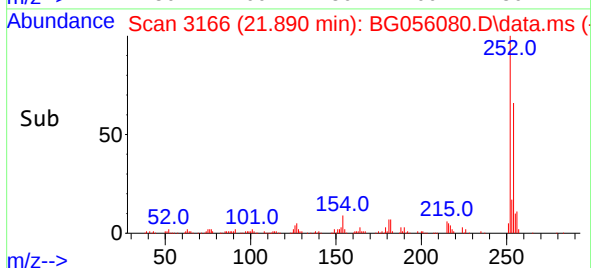
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022

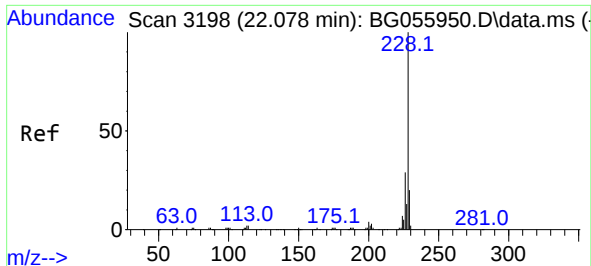


#82
3,3'-Dichlorobenzidine
Concen: 36.115 ng
RT: 21.890 min Scan# 3166
Delta R.T. -0.001 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48



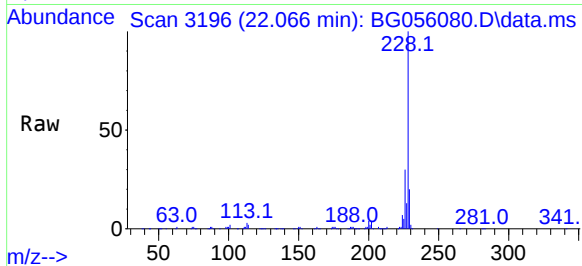
Tgt Ion:252 Resp: 90128
Ion Ratio Lower Upper
252 100
254 65.9 50.2 75.2
126 3.9 3.1 4.7





#83
Chrysene
Concen: 45.357 ng
RT: 22.066 min Scan# 3196
Delta R.T. 0.005 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

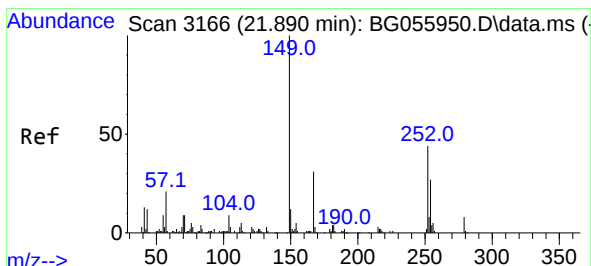
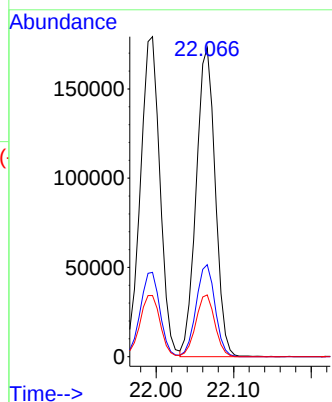
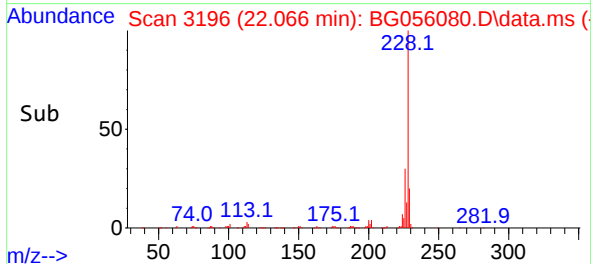
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



Tgt Ion:228 Resp: 29485
Ion Ratio Lower Upper
228 100
226 29.8 23.1 34.7
229 20.0 15.7 23.5

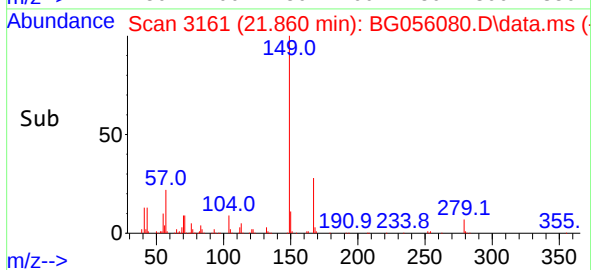
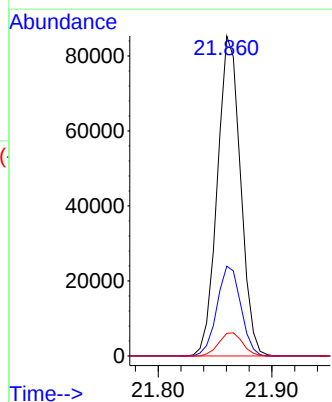
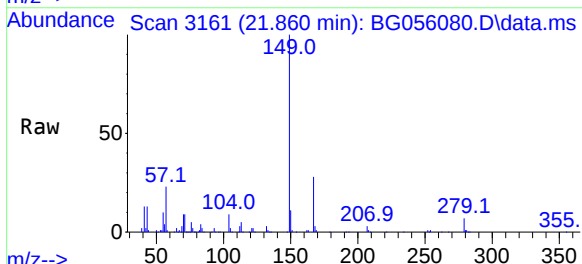
Manual Integrations
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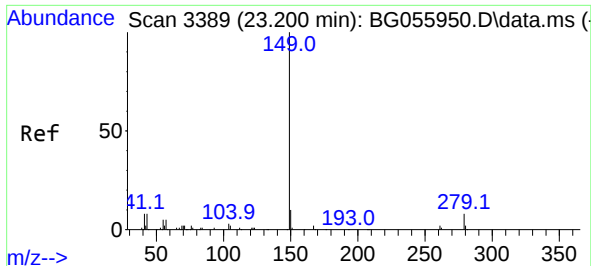
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.028 ng
RT: 21.860 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

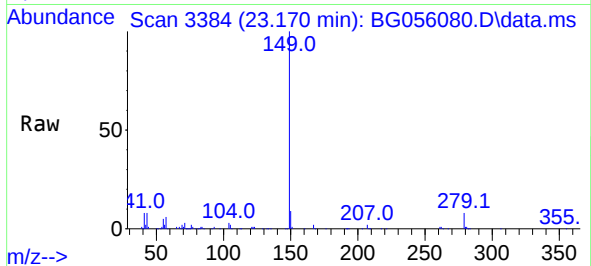
Tgt Ion:149 Resp: 120600
Ion Ratio Lower Upper
149 100
167 28.1 24.6 36.8
279 7.0 6.3 9.5





#85
Di-n-octyl phthalate
Concen: 47.799 ng
RT: 23.170 min Scan# 31
Delta R.T. 0.011 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

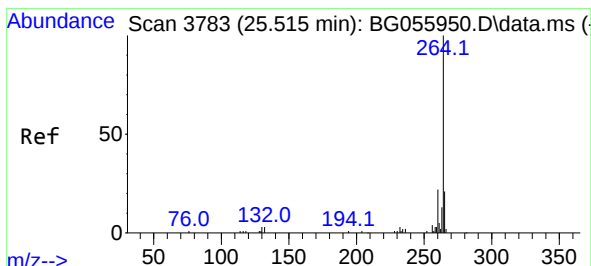
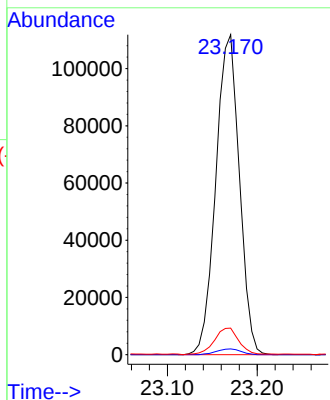
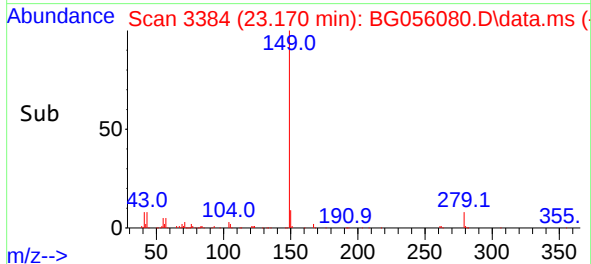
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



Tgt Ion:149 Resp: 20359
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 8.7 6.9 10.3

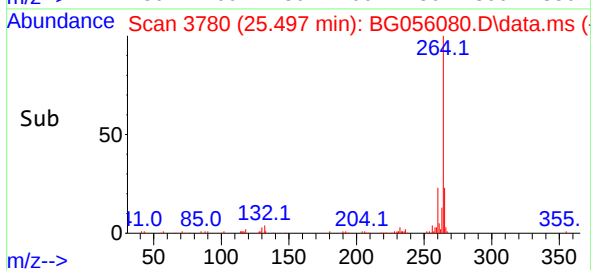
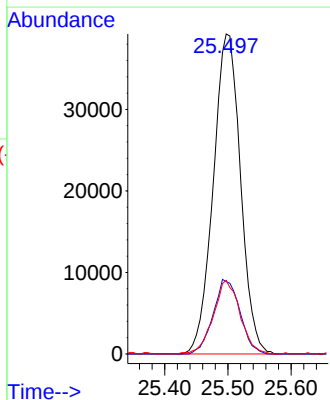
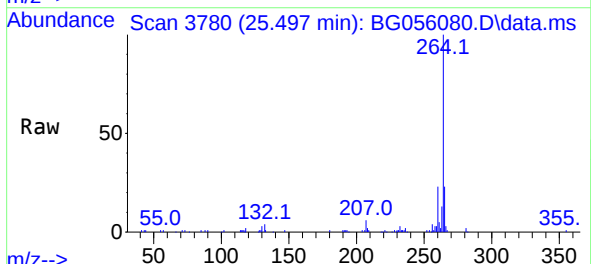
Manual Integrations
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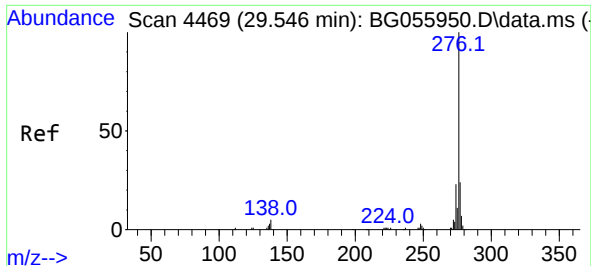
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.497 min Scan# 3780
Delta R.T. 0.005 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

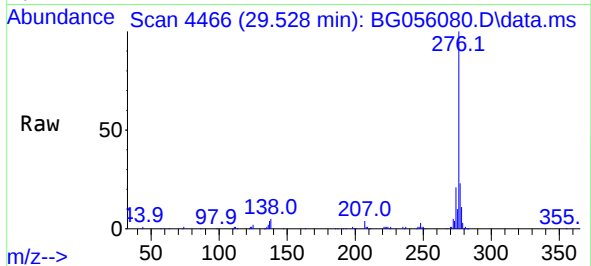
Tgt Ion:264 Resp: 117326
Ion Ratio Lower Upper
264 100
260 22.6 17.8 26.8
265 23.0 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.532 ng
 RT: 29.528 min Scan# 4466
 Delta R.T. 0.017 min
 Lab File: BG056080.D
 Acq: 23 Dec 2022 15:48

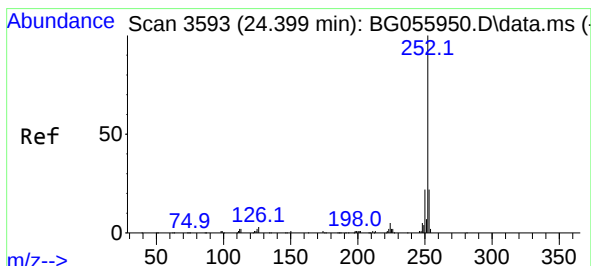
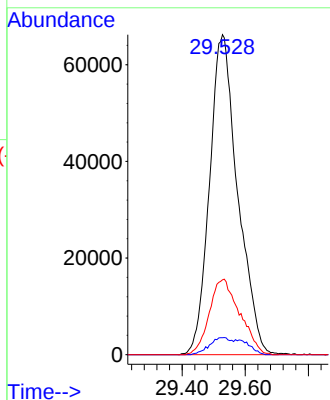
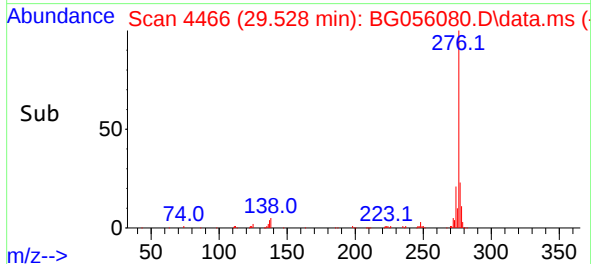
Instrument :
 BNA_G
 ClientSampleId :
 20221419-COMPOSITE-BMSD



Tgt Ion:276 Resp: 410704
 Ion Ratio Lower Upper
 276 100
 138 4.2 3.0 4.4
 277 25.5 20.4 30.6

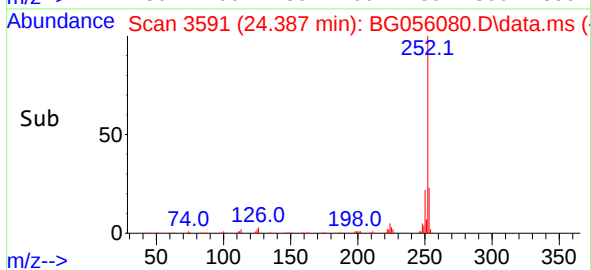
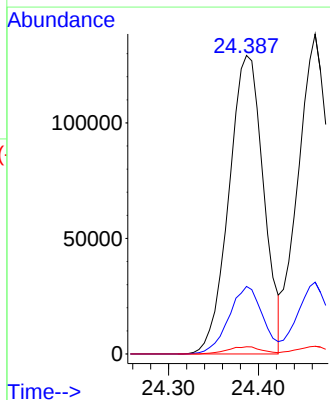
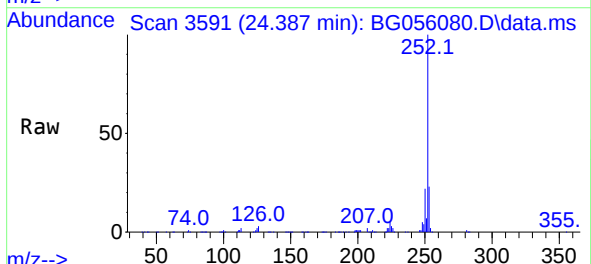
Manual Integrations
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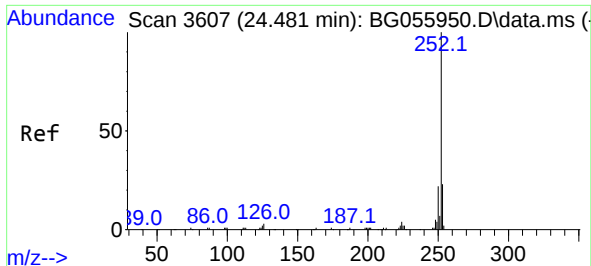
Reviewed By :Christian Giraldo 12/24/2022
 Supervised By :Yogesh Patel 12/26/2022



#88
 Benzo(b)fluoranthene
 Concen: 45.573 ng
 RT: 24.387 min Scan# 3591
 Delta R.T. 0.005 min
 Lab File: BG056080.D
 Acq: 23 Dec 2022 15:48

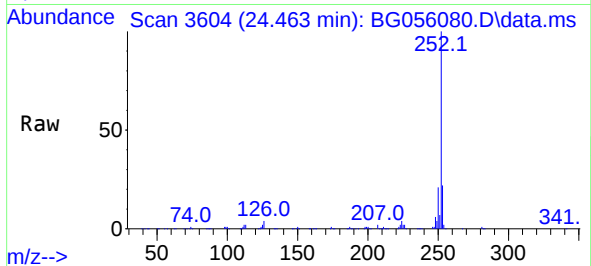
Tgt Ion:252 Resp: 346048
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.4 26.0
 125 2.4 1.8 2.8





#89
Benzo(k)fluoranthene
Concen: 44.759 ng
RT: 24.463 min Scan# 30
Delta R.T. 0.005 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

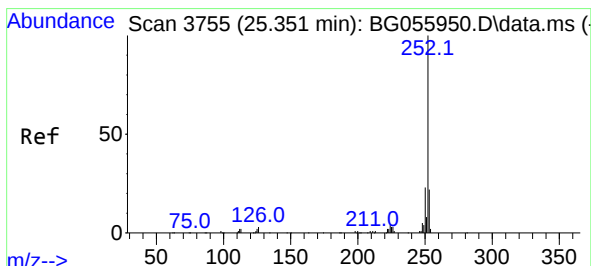
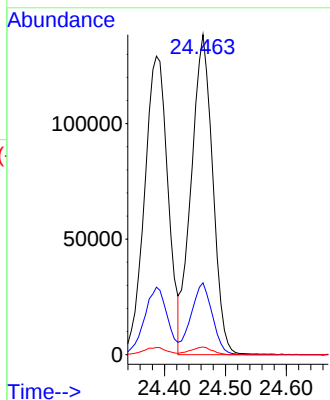
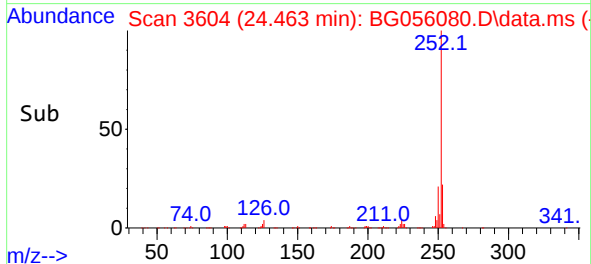
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



Tgt Ion:252 Resp: 339085
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 2.4 2.0 3.0

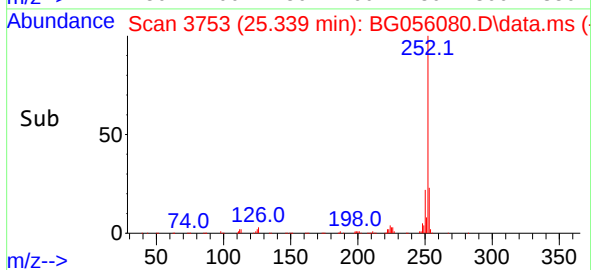
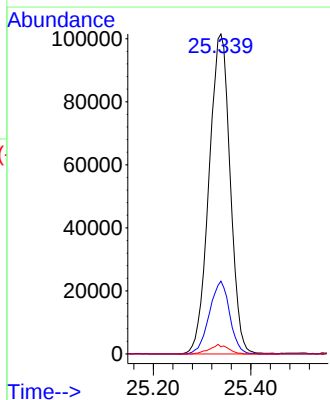
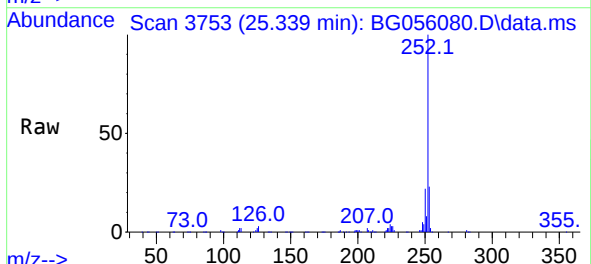
Manual Integrations
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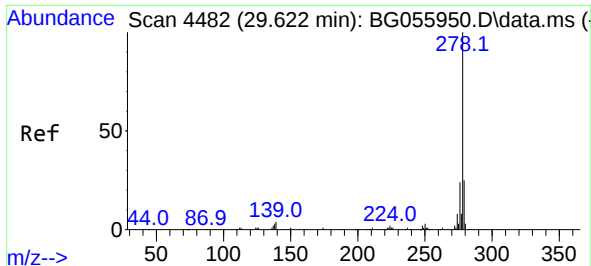
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#90
Benzo(a)pyrene
Concen: 47.630 ng
RT: 25.339 min Scan# 3753
Delta R.T. 0.005 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

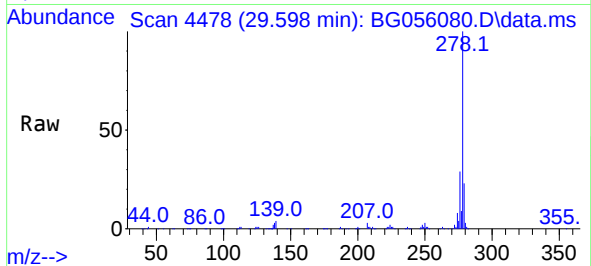
Tgt Ion:252 Resp: 305709
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 2.3 1.9 2.9





#91
Dibenzo(a,h)anthracene
Concen: 43.471 ng
RT: 29.598 min Scan# 4482
Delta R.T. 0.011 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

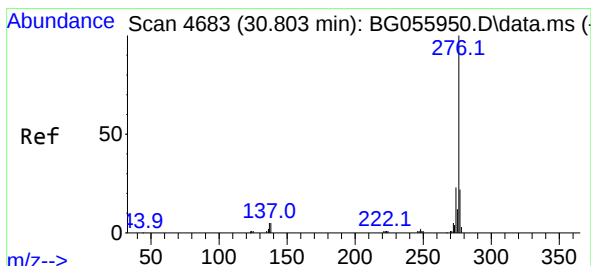
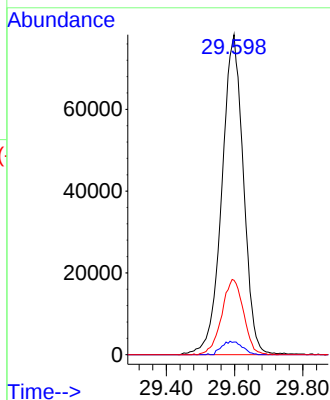
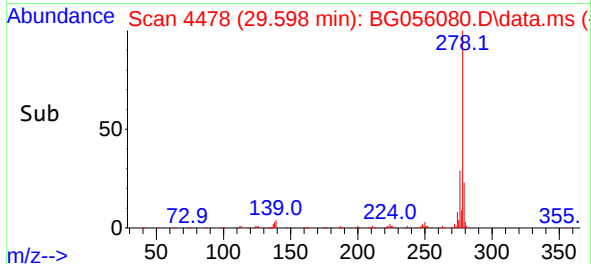
Instrument :
BNA_G
ClientSampleId :
20221419-COMPOSITE-BMSD



Tgt Ion:278 Resp: 343275
Ion Ratio Lower Upper
278 100
139 4.0 2.9 4.3
279 23.2 20.0 30.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Yogesh Patel 12/26/2022



#92
Benzo(g,h,i)perylene
Concen: 43.544 ng
RT: 30.797 min Scan# 4682
Delta R.T. 0.011 min
Lab File: BG056080.D
Acq: 23 Dec 2022 15:48

Tgt Ion:276 Resp: 332456
Ion Ratio Lower Upper
276 100
277 23.7 17.8 26.6
138 5.4 3.8 5.6

