

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
 Data File : BG055809.D
 Acq On : 28 Nov 2022 17:45
 Operator : CG/JU
 Sample : N5752-11MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-12SMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/29/2022
 Supervised By : Jagrut Upadhyay 11/29/2022

Quant Time: Nov 29 02:11:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 02:02:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	40964	20.000	ng	0.00
21) Naphthalene-d8	11.055	136	173314	20.000	ng	0.00
39) Acenaphthene-d10	14.850	164	126902	20.000	ng	0.00
64) Phenanthrene-d10	17.594	188	305939	20.000	ng	0.00
76) Chrysene-d12	21.889	240	287666	20.000	ng	0.00
86) Perylene-d12	25.273	264	307227	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	282701	124.741	ng	0.00
7) Phenol-d6	7.376	99	371032	122.988	ng	0.00
23) Nitrobenzene-d5	9.404	82	235306	71.760	ng	0.00
42) 2,4,6-Tribromophenol	16.337	330	204537	114.462	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	590703	69.735	ng	0.00
79) Terphenyl-d14	20.179	244	1036502	72.067	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.587	88	41581	42.933	ng	99
3) Pyridine	3.998	79	115968	39.031	ng	99
4) n-Nitrosodimethylamine	3.910	42	70069	44.543	ng	92
6) Aniline	7.541	93	78930	20.830	ng	100
8) 2-Chlorophenol	7.788	128	129599	50.023	ng	98
9) Benzaldehyde	7.353	77	69771m	34.054	ng	
10) Phenol	7.406	94	168447	49.867	ng	99
11) bis(2-Chloroethyl)ether	7.635	93	117356	45.334	ng	98
12) 1,3-Dichlorobenzene	8.117	146	138674	45.526	ng	97
13) 1,4-Dichlorobenzene	8.264	146	140631	45.689	ng	97
14) 1,2-Dichlorobenzene	8.587	146	136447	46.260	ng	97
15) Benzyl Alcohol	8.463	79	118392m	48.288	ng	
16) 2,2'-oxybis(1-Chloropr...	8.751	45	212084	45.257	ng	98
17) 2-Methylphenol	8.669	107	117724	49.089	ng	98
18) Hexachloroethane	9.321	117	49100	46.347	ng	98
19) n-Nitroso-di-n-propyla...	9.033	70	100217	43.235	ng	97
20) 3+4-Methylphenols	8.998	107	161164	48.107	ng	99
22) Acetophenone	9.057	105	194089	43.097	ng	98
24) Nitrobenzene	9.445	77	147858	43.169	ng	99
25) Isophorone	9.968	82	278802	44.874	ng	99
26) 2-Nitrophenol	10.161	139	76298	48.256	ng	97
27) 2,4-Dimethylphenol	10.208	122	123047m	51.133	ng	
28) bis(2-Chloroethoxy)met...	10.443	93	162285	48.655	ng	98
29) 2,4-Dichlorophenol	10.702	162	138494	48.084	ng	99
30) 1,2,4-Trichlorobenzene	10.914	180	142924	42.712	ng	99
31) Naphthalene	11.107	128	401093	42.810	ng	100
32) Benzoic acid	10.361	122	97064m	49.026	ng	
33) 4-Chloroaniline	11.213	127	61729	15.972	ng	97
34) Hexachlorobutadiene	11.384	225	93192	40.786	ng	96
35) Caprolactam	11.989	113	49420m	49.582	ng	
36) 4-Chloro-3-methylphenol	12.324	107	154278	48.734	ng	99
37) 2-Methylnaphthalene	12.694	142	301482	42.976	ng	100
38) 1-Methylnaphthalene	12.917	142	286916	42.131	ng	99
40) 1,2,4,5-Tetrachloroben...	13.058	216	171350	42.967	ng	99
41) Hexachlorocyclopentadiene	13.035	237	166080	82.629	ng	99
43) 2,4,6-Trichlorophenol	13.293	196	124097	45.618	ng	98

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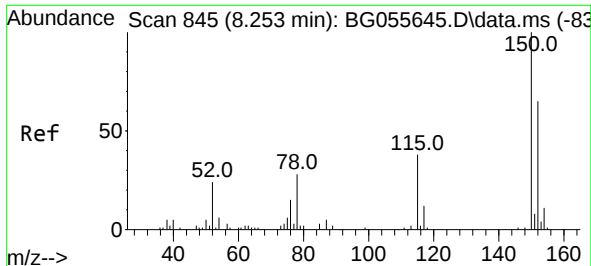
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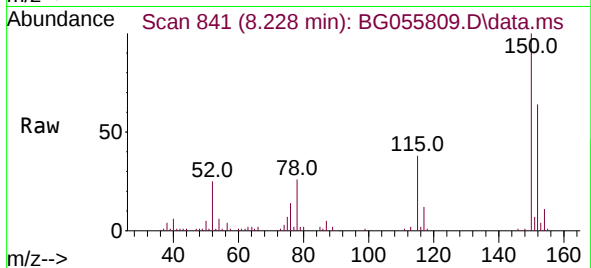
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.369	196	139142	46.544	ng	98
46) 1,1'-Biphenyl	13.687	154	411057	44.450	ng	98
47) 2-Chloronaphthalene	13.740	162	311780	43.376	ng	97
48) 2-Nitroaniline	13.933	65	109725	46.431	ng	98
49) Acenaphthylene	14.580	152	519385	43.881	ng	100
50) Dimethylphthalate	14.298	163	428166	42.325	ng	99
51) 2,6-Dinitrotoluene	14.421	165	94813	45.838	ng	98
52) Acenaphthene	14.915	154	354699m	45.852	ng	
53) 3-Nitroaniline	14.750	138	49634	21.859	ng	98
54) 2,4-Dinitrophenol	14.962	184	75352	63.360	ng	100
55) Dibenzofuran	15.250	168	518040	43.409	ng	98
56) 4-Nitrophenol	15.062	139	167735	94.121	ng	97
57) 2,4-Dinitrotoluene	15.208	165	137290	47.077	ng	94
58) Fluorene	15.896	166	416244	43.670	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.473	232	128719	44.437	ng	99
60) Diethylphthalate	15.649	149	436722	42.700	ng	100
61) 4-Chlorophenyl-phenyle...	15.878	204	227223	43.368	ng	96
62) 4-Nitroaniline	15.914	138	89688	37.786	ng	98
63) Azobenzene	16.172	77	400023	44.800	ng	99
65) 4,6-Dinitro-2-methylph...	15.972	198	61507	36.004	ng	96
66) n-Nitrosodiphenylamine	16.096	169	378719	44.918	ng	99
67) 4-Bromophenyl-phenylether	16.771	248	153377	44.000	ng	99
68) Hexachlorobenzene	16.901	284	168493	43.592	ng	98
69) Atrazine	17.030	200	160185	48.038	ng	99
70) Pentachlorophenol	17.241	266	198537	83.967	ng	99
71) Phenanthrene	17.635	178	704737	42.686	ng	99
72) Anthracene	17.729	178	714372	44.534	ng	99
73) Carbazole	17.993	167	641977	44.517	ng	100
74) Di-n-butylphthalate	18.528	149	774845	43.272	ng	100
75) Fluoranthene	19.633	202	822425	40.947	ng	99
77) Benzidine	19.803	184	104945	15.769	ng	99
78) Pyrene	19.997	202	832713	42.766	ng	99
80) Butylbenzylphthalate	20.855	149	337958	44.336	ng	98
81) Benzo(a)anthracene	21.865	228	844590	42.627	ng	99
82) 3,3'-Dichlorobenzidine	21.771	252	164961	23.694	ng	99
83) Chrysene	21.936	228	796320	42.218	ng	99
84) Bis(2-ethylhexyl)phtha...	21.736	149	492784	44.983	ng	99
85) Di-n-octyl phthalate	22.999	149	832003	44.380	ng	100
87) Indeno(1,2,3-cd)pyrene	29.198	276	1024074	40.688	ng	99
88) Benzo(b)fluoranthene	24.192	252	880711	44.017	ng	100
89) Benzo(k)fluoranthene	24.268	252	869296	43.586	ng	99
90) Benzo(a)pyrene	25.120	252	785652	45.758	ng	99
91) Dibenzo(a,h)anthracene	29.251	278	861510	41.887	ng	99
92) Benzo(g,h,i)perylene	30.420	276	852105	41.106	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

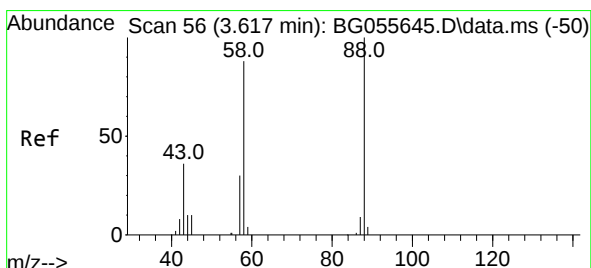
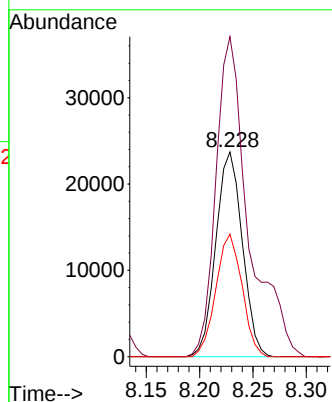
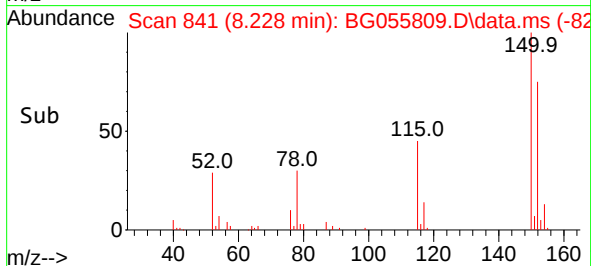
Instrument :
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Tgt Ion:152 Resp: 40964
Ion Ratio Lower Upper
152 100
150 156.3 123.0 184.6
115 59.7 47.0 70.4

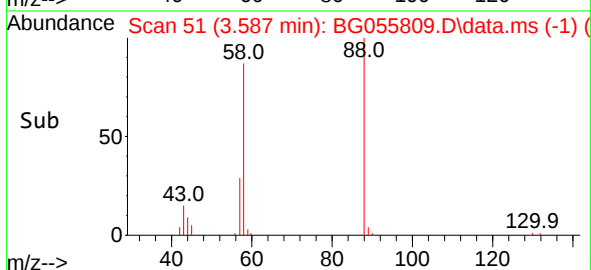
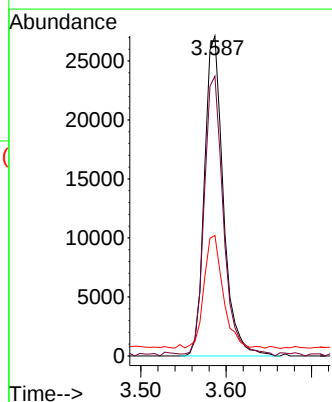
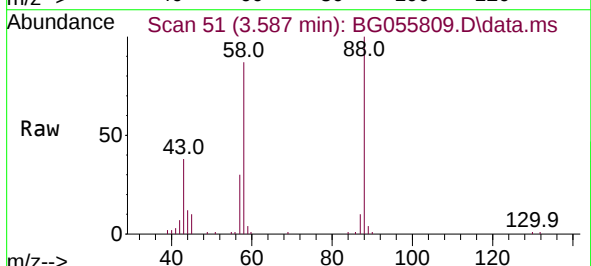
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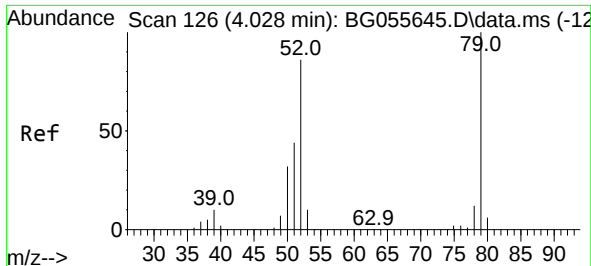
Reviewed By :Christian Giraldo 11/29/2022
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#2
1,4-Dioxane
Concen: 42.933 ng
RT: 3.587 min Scan# 51
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

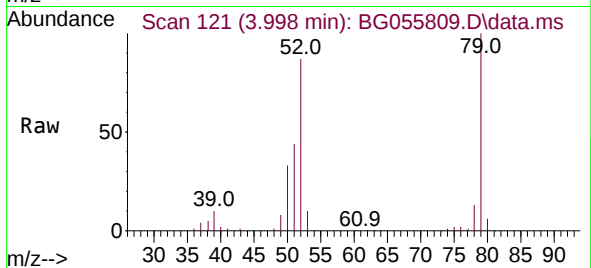
Tgt Ion: 88 Resp: 41581
Ion Ratio Lower Upper
88 100
58 89.9 71.3 106.9
43 36.1 28.6 43.0





#3
Pyridine
Concen: 39.031 ng
RT: 3.998 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

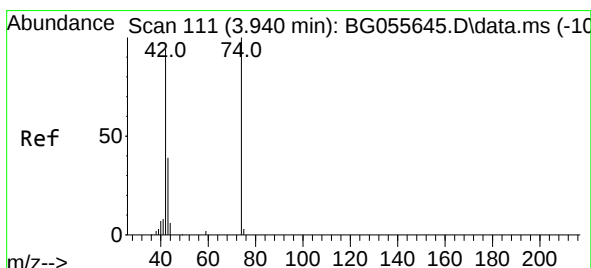
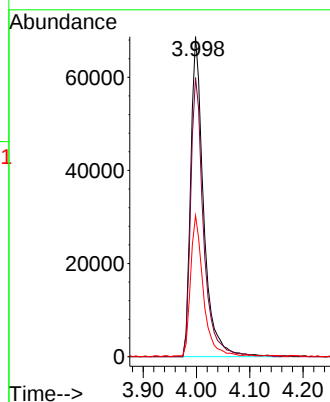
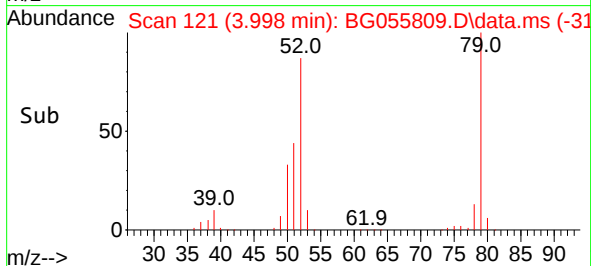
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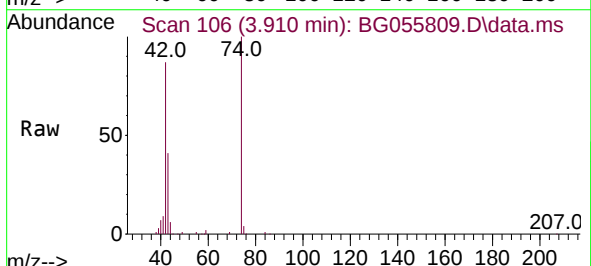
Tgt Ion: 79 Resp: 115968
Ion Ratio Lower Upper
79 100
52 87.2 68.9 103.3
51 44.1 34.8 52.2

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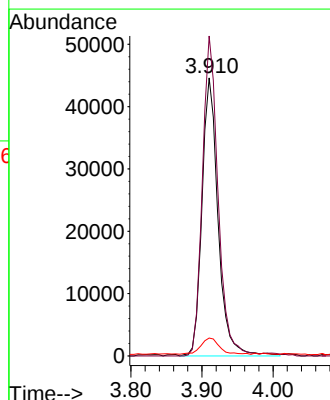
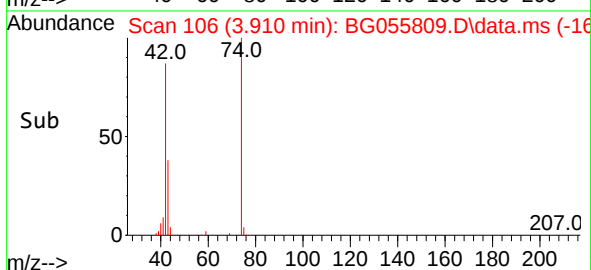
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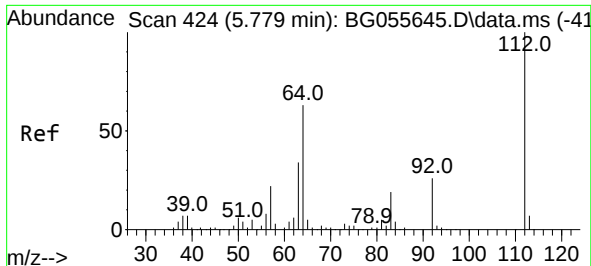


#4
n-Nitrosodimethylamine
Concen: 44.543 ng
RT: 3.910 min Scan# 106
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45



Tgt Ion: 42 Resp: 70069
Ion Ratio Lower Upper
42 100
74 115.1 84.7 127.1
44 6.4 5.4 8.0





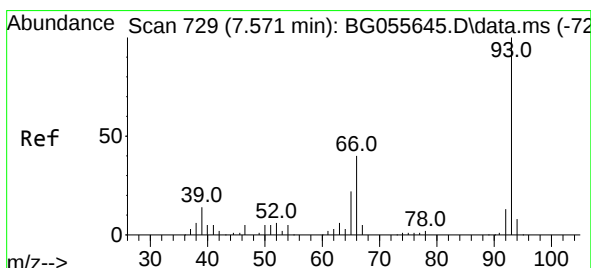
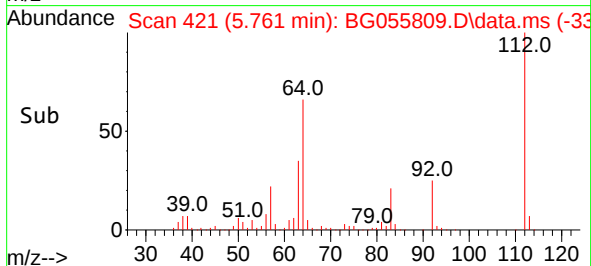
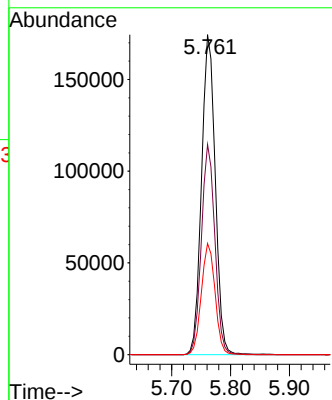
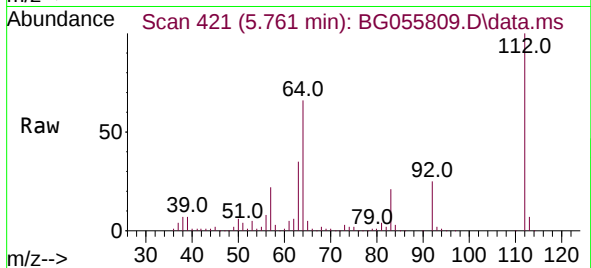
#5
2-Fluorophenol
Concen: 124.741 ng
RT: 5.761 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

Instrument :
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ClientSampleId :
B-12SMSD

Tgt Ion:112 Resp: 28270
Ion Ratio Lower Upper
112 100
64 65.7 50.6 76.0
63 34.7 27.5 41.3

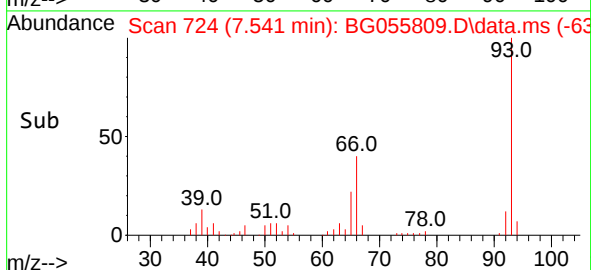
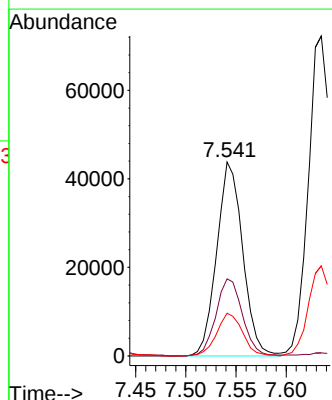
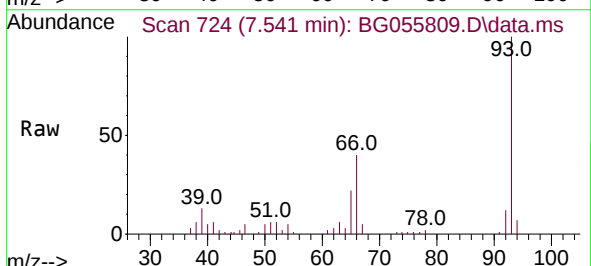
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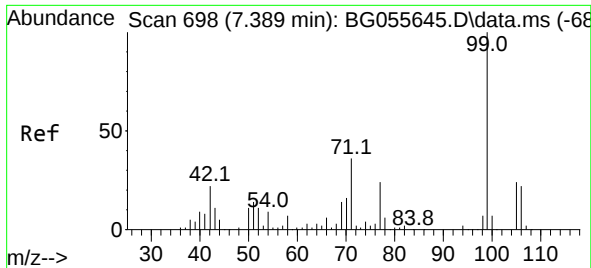
Reviewed By :Christian Giraldo 11/29/2022
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#6
Aniline
Concen: 20.830 ng
RT: 7.541 min Scan# 724
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

Tgt Ion: 93 Resp: 78930
Ion Ratio Lower Upper
93 100
66 39.7 31.7 47.5
65 22.0 17.9 26.9





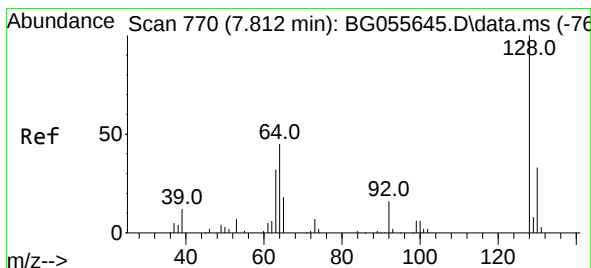
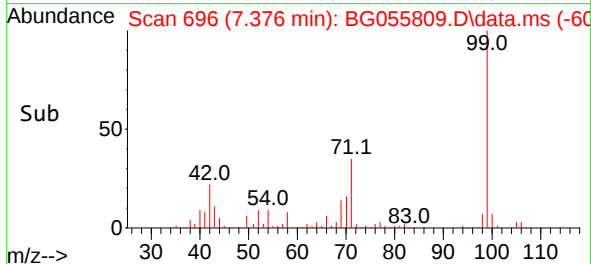
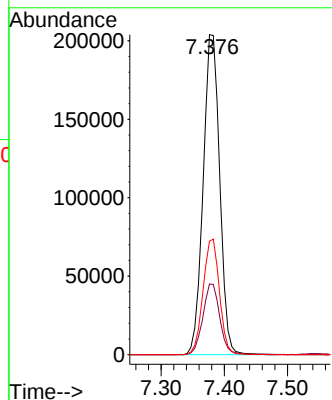
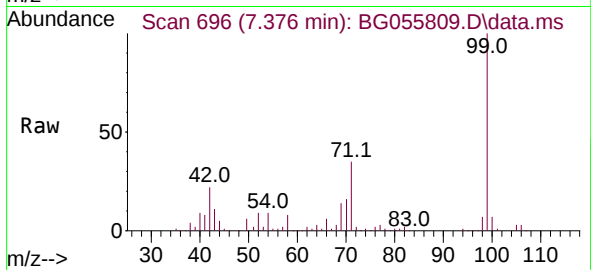
#7
Phenol-d6
Concen: 122.988 ng
RT: 7.376 min Scan# 698
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

Instrument :
BNA_G
ClientSampleId :
B-12SMSD

Tgt Ion: 99 Resp: 371032
Ion Ratio Lower Upper
99 100
42 22.1 18.0 27.0
71 35.4 29.0 43.6

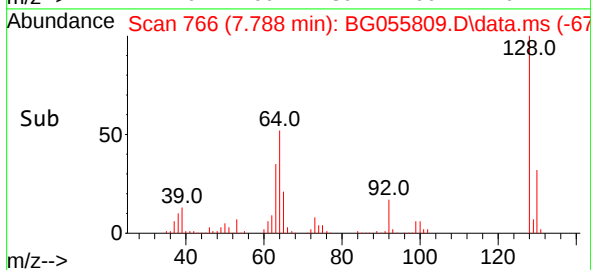
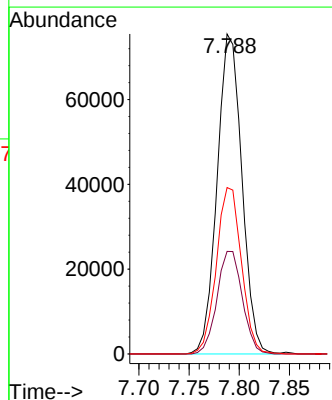
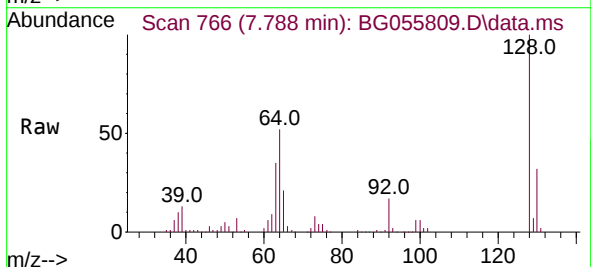
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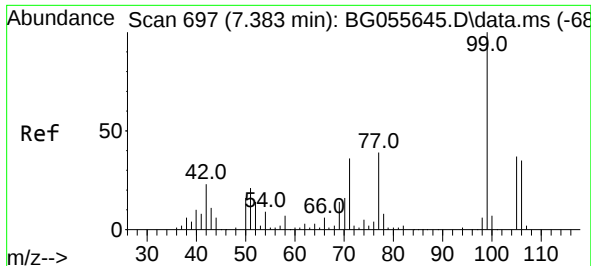
Reviewed By :Christian Giraldo 11/29/2022
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#8
2-Chlorophenol
Concen: 50.023 ng
RT: 7.788 min Scan# 766
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

Tgt Ion:128 Resp: 129599
Ion Ratio Lower Upper
128 100
130 32.0 13.1 53.1
64 52.0 30.2 70.2





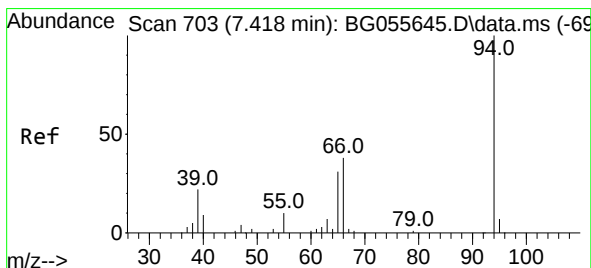
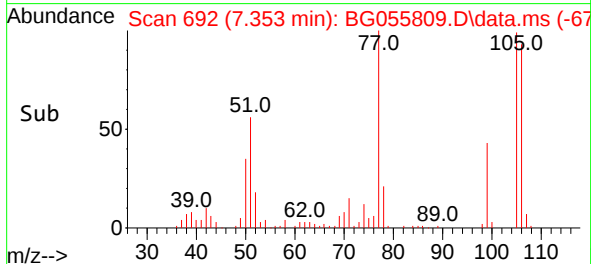
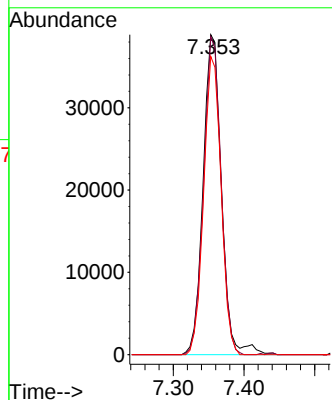
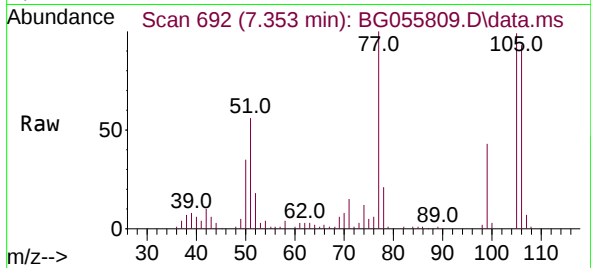
#9
Benzaldehyde
Concen: 34.054 ng m
RT: 7.353 min Scan# 697
Delta R.T. -0.009 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

Instrument :
BNA_G
ClientSampleId :
B-12SMSD

Tgt Ion: 77 Resp: 6977
Ion Ratio Lower Upper
77 100
105 99.3 76.3 116.3
106 93.2 69.8 109.8

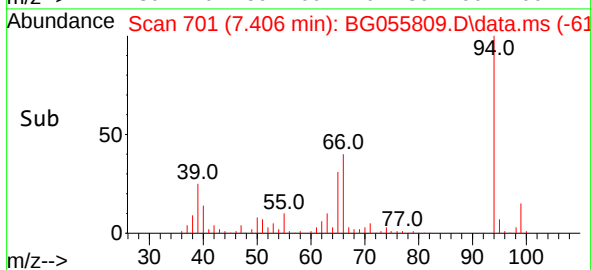
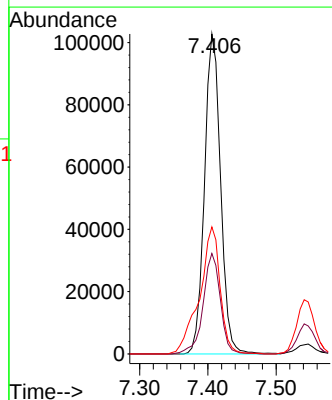
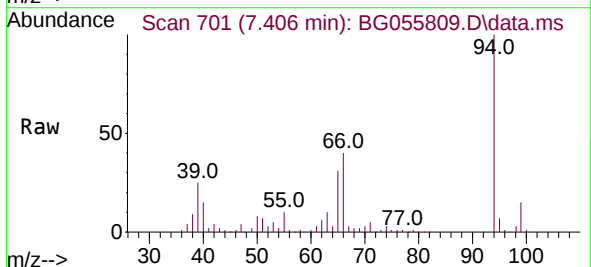
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#10
Phenol
Concen: 49.867 ng
RT: 7.406 min Scan# 701
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

Tgt Ion: 94 Resp: 168447
Ion Ratio Lower Upper
94 100
65 31.4 11.8 51.8
66 39.7 20.5 60.5





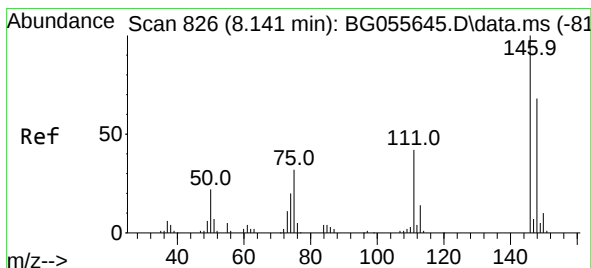
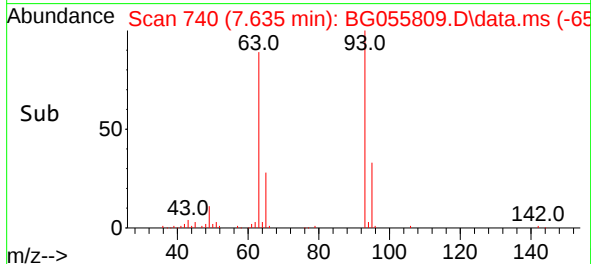
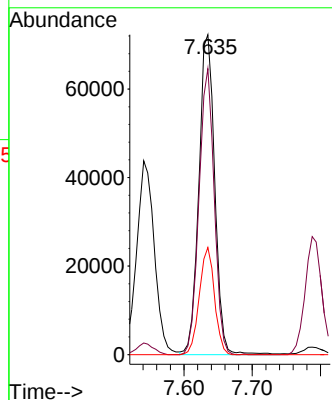
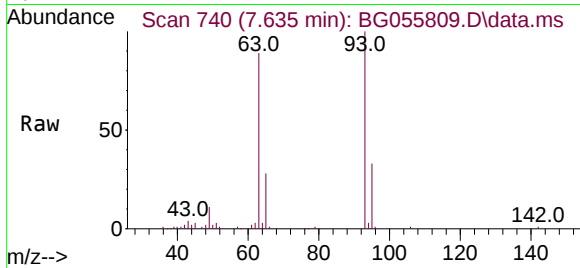
#11
bis(2-Chloroethyl)ether
Concen: 45.334 ng
RT: 7.635 min Scan# 744
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

Instrument :
BNA_G
ClientSampleId :
B-12SMSD

Tgt Ion: 93 Resp: 117356
Ion Ratio Lower Upper
93 100
63 89.4 67.6 107.6
95 33.5 11.8 51.8

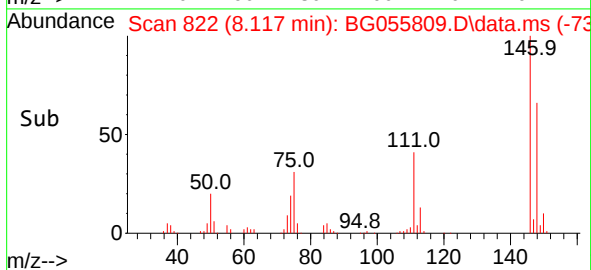
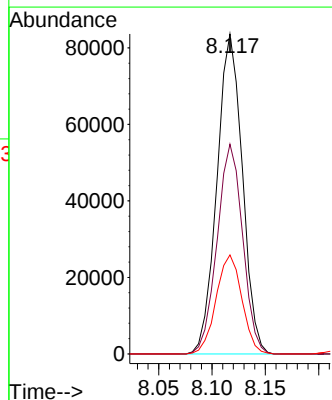
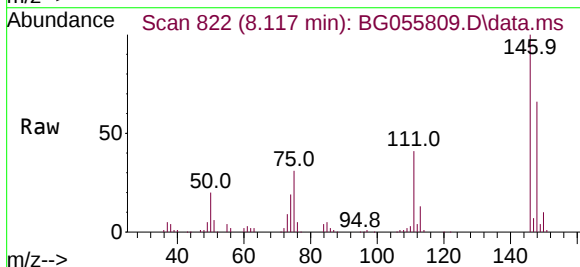
Manual Integrations
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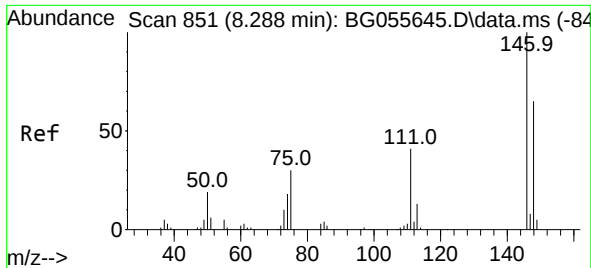
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#12
1,3-Dichlorobenzene
Concen: 45.526 ng
RT: 8.117 min Scan# 822
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

Tgt Ion:146 Resp: 138674
Ion Ratio Lower Upper
146 100
148 65.5 54.6 81.8
75 30.9 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 45.689 ng

RT: 8.264 min Scan# 84

Delta R.T. -0.003 min

Lab File: BG055809.D

Acq: 28 Nov 2022 17:45

Instrument :

BNA_G

ClientSampleId :

B-12SMSD

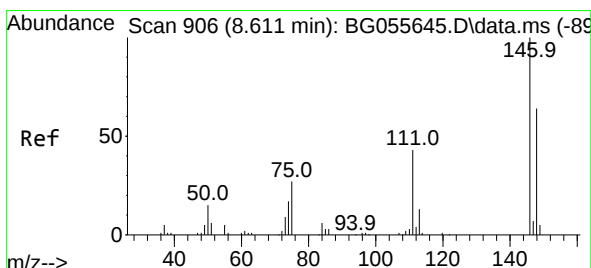
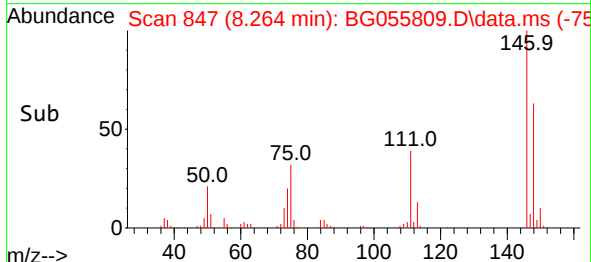
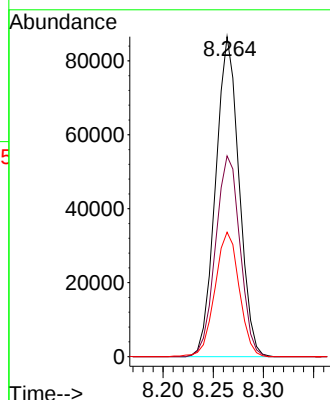
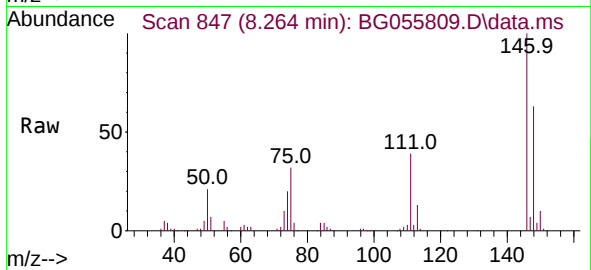
Tgt Ion:146 Resp: 140631
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.1 78.1
 111 38.9 33.0 49.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/29/2022

Supervised By :Jagrut Upadhyay 11/29/2022



#14

1,2-Dichlorobenzene

Concen: 46.260 ng

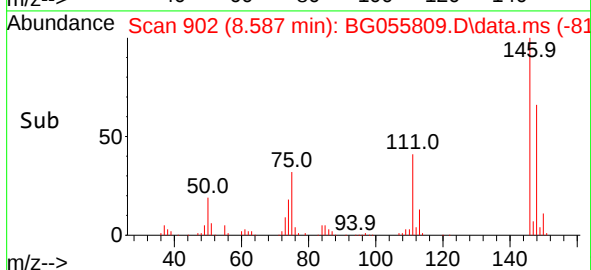
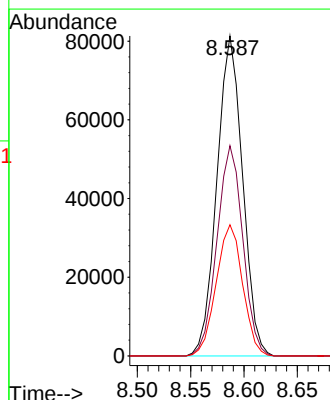
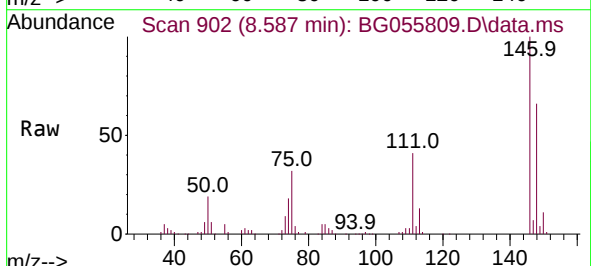
RT: 8.587 min Scan# 902

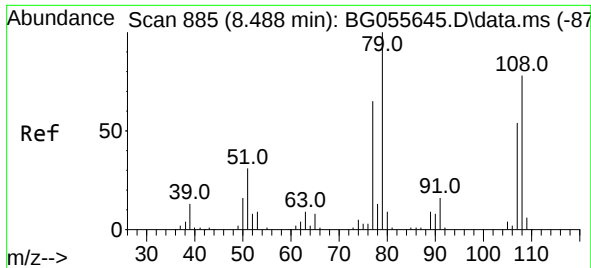
Delta R.T. -0.003 min

Lab File: BG055809.D

Acq: 28 Nov 2022 17:45

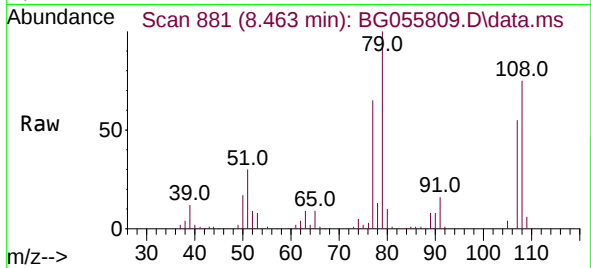
Tgt Ion:146 Resp: 136447
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.9 76.3
 111 41.0 34.5 51.7





#15
Benzyl Alcohol
Concen: 48.288 ng m
RT: 8.463 min Scan# 885
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

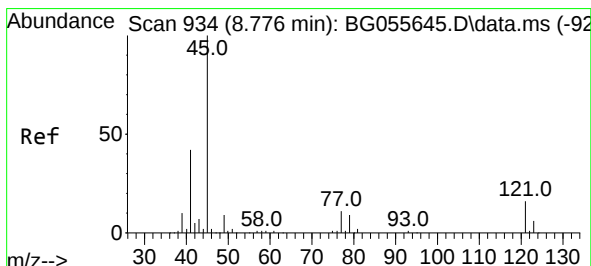
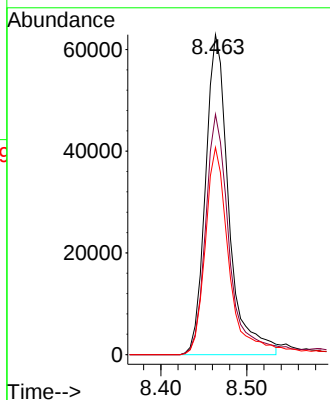
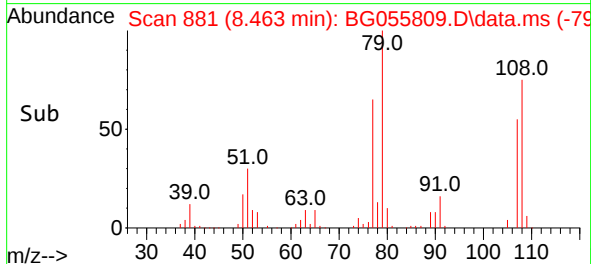
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



Tgt Ion: 79 Resp: 118392
Ion Ratio Lower Upper
79 100
108 75.1 62.6 93.8
77 64.7 52.4 78.6

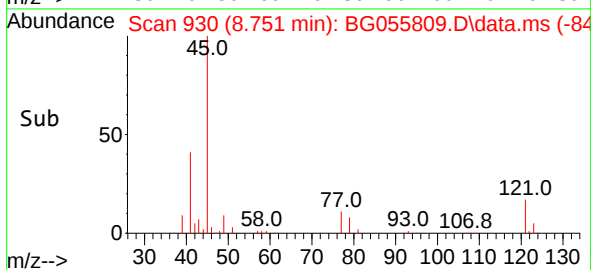
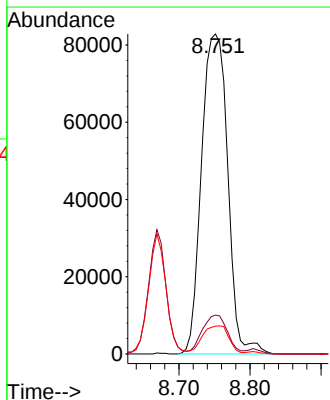
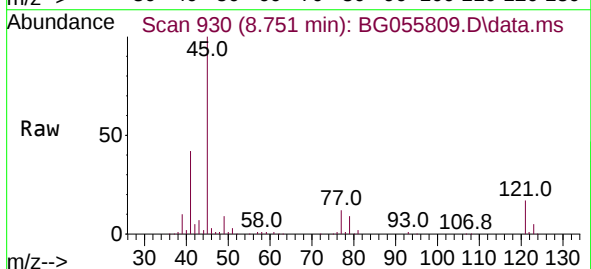
Manual Integrations
APPROVED

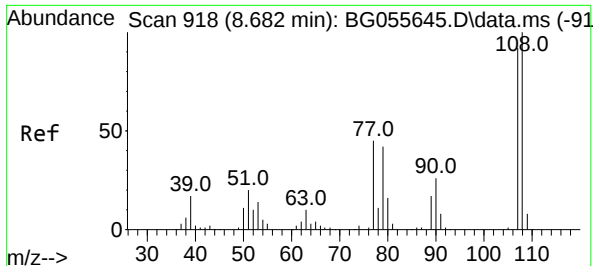
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.257 ng
RT: 8.751 min Scan# 930
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

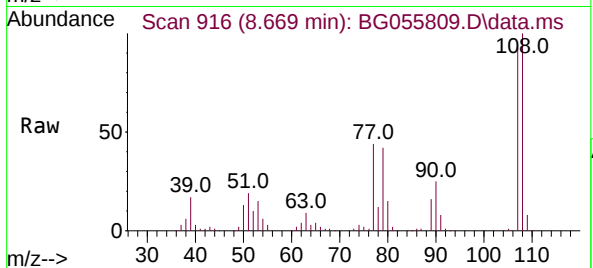
Tgt Ion: 45 Resp: 212084
Ion Ratio Lower Upper
45 100
77 12.1 0.0 31.7
79 8.7 0.0 29.5





#17
2-Methylphenol
Concen: 49.089 ng
RT: 8.669 min Scan# 918
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

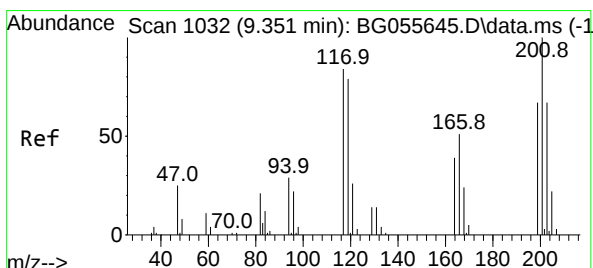
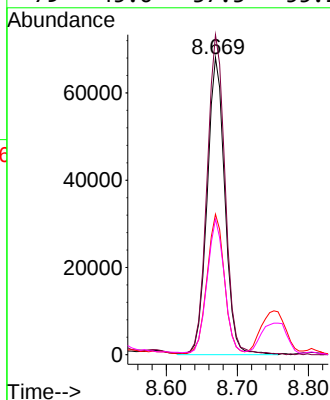
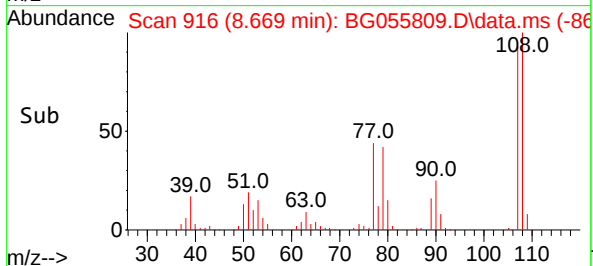
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



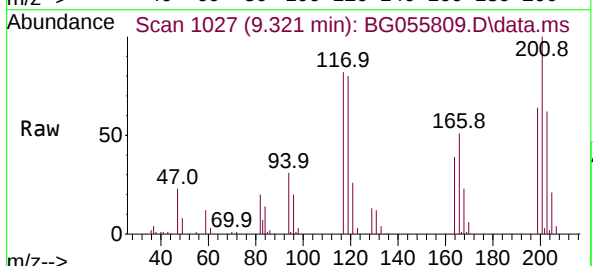
Tgt Ion	Ratio	Lower	Upper
107	100		
108	107.7	87.3	130.9
77	47.2	39.4	59.0
79	45.6	37.3	55.9

Manual Integrations
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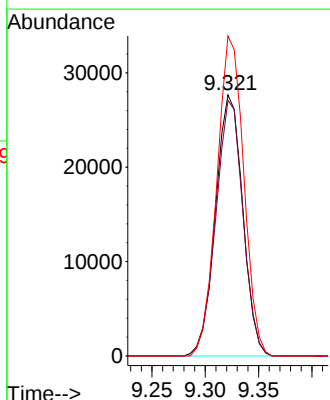
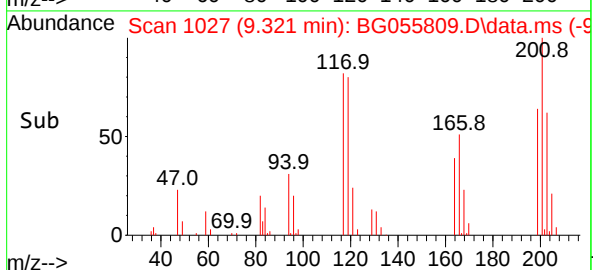
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

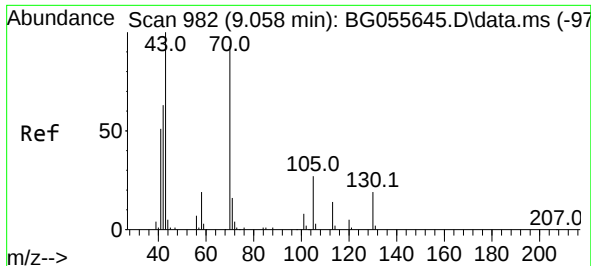


#18
Hexachloroethane
Concen: 46.347 ng
RT: 9.321 min Scan# 1027
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45



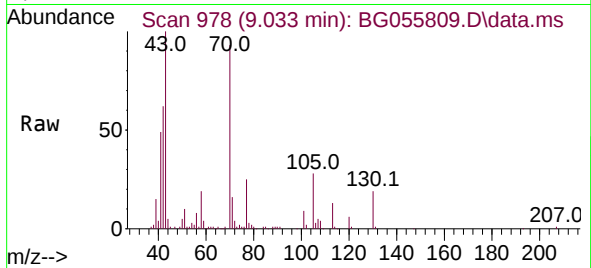
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.0	114.0
201	122.7	98.6	148.0





#19
n-Nitroso-di-n-propylamine
Concen: 43.235 ng
RT: 9.033 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

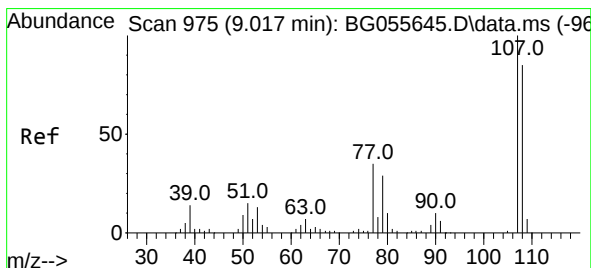
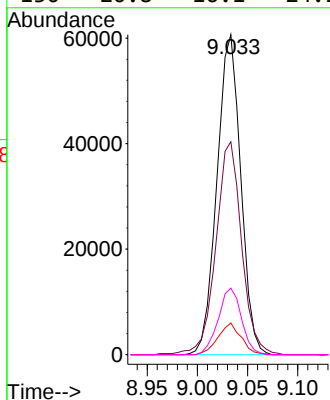
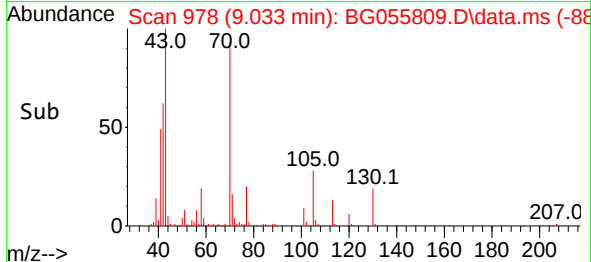
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



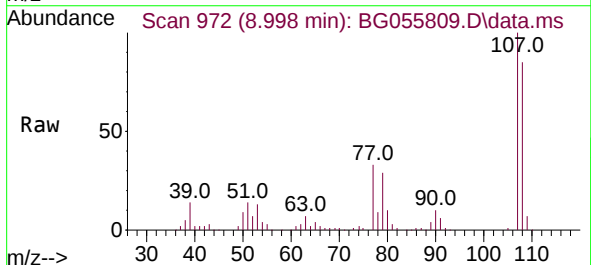
Tgt Ion: 70 Resp: 10021
Ion Ratio Lower Upper
70 100
42 66.5 55.2 82.8
101 9.9 7.1 10.7
130 20.8 16.1 24.1

Manual Integrations
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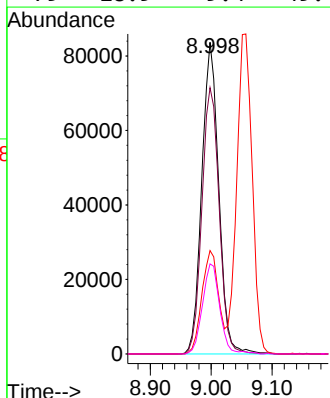
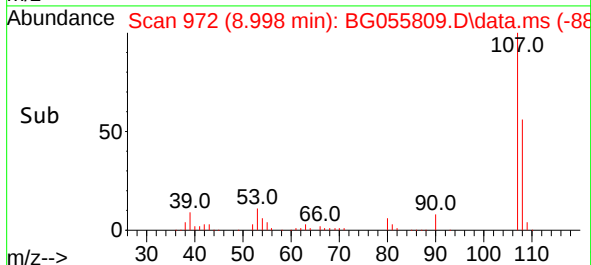
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

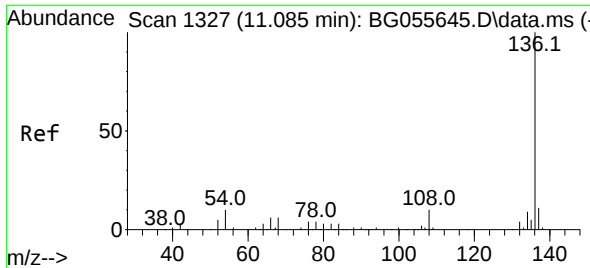


#20
3+4-Methylphenols
Concen: 48.107 ng
RT: 8.998 min Scan# 972
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45



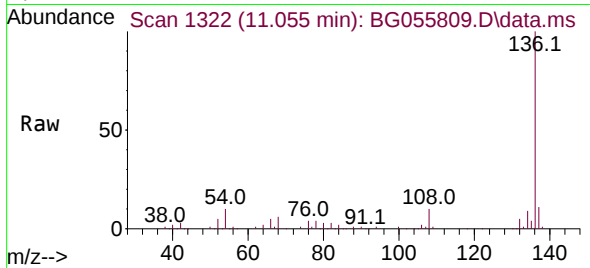
Tgt Ion:107 Resp: 161164
Ion Ratio Lower Upper
107 100
108 85.4 65.5 105.5
77 33.1 14.6 54.6
79 28.9 9.4 49.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.055 min Scan# 1327
Delta R.T. -0.009 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

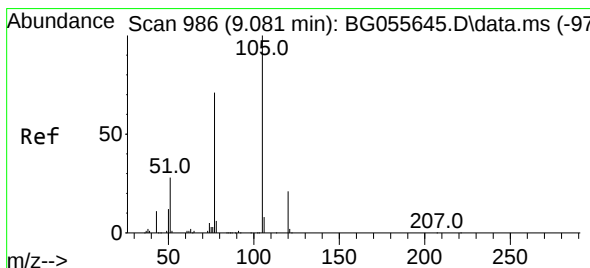
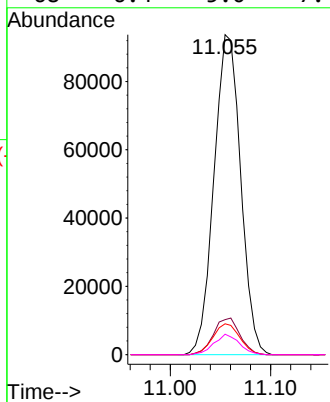
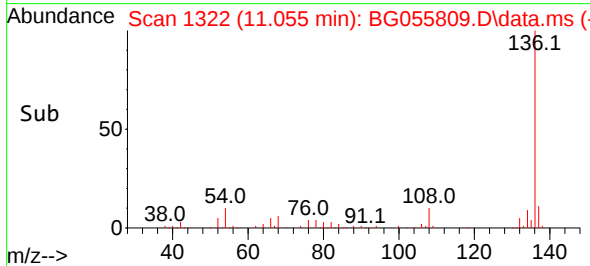
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



Tgt Ion:136 Resp: 173314
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 9.6 7.8 11.6
68 6.4 5.0 7.4

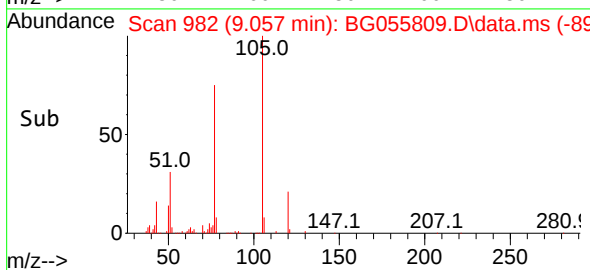
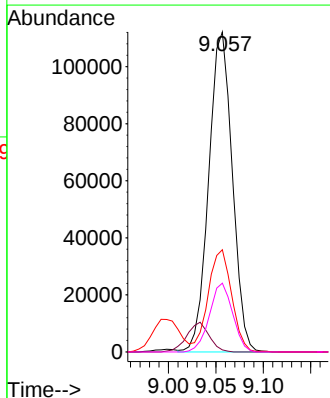
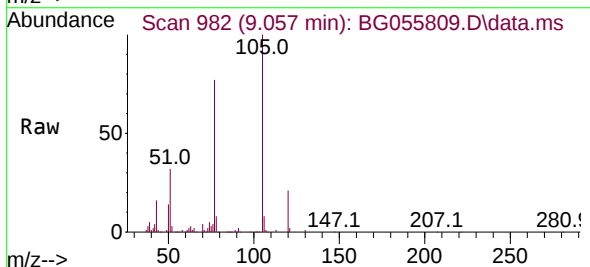
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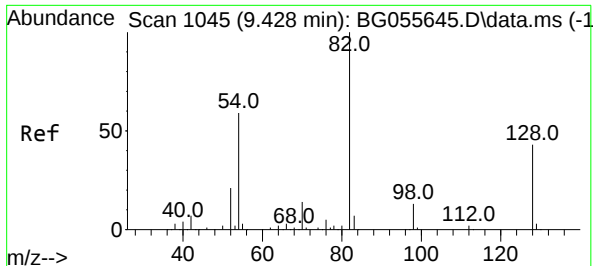
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#22
Acetophenone
Concen: 43.097 ng
RT: 9.057 min Scan# 982
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

Tgt Ion:105 Resp: 194089
Ion Ratio Lower Upper
105 100
71 0.6 0.6 1.0
51 31.9 24.5 36.7
120 21.5 16.6 25.0





#23

Nitrobenzene-d5

Concen: 71.760 ng

RT: 9.404 min Scan# 1041

Delta R.T. -0.003 min

Lab File: BG055809.D

Acq: 28 Nov 2022 17:45

Instrument :

BNA_G

ClientSampleId :

B-12SMSD

Tgt Ion: 82 Resp: 235306

Ion Ratio Lower Upper

82 100

128 42.9 34.1 51.1

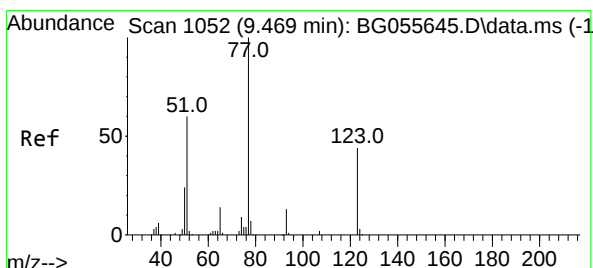
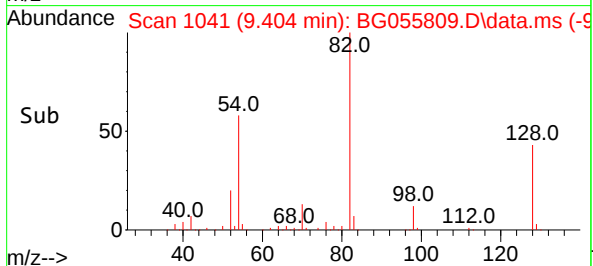
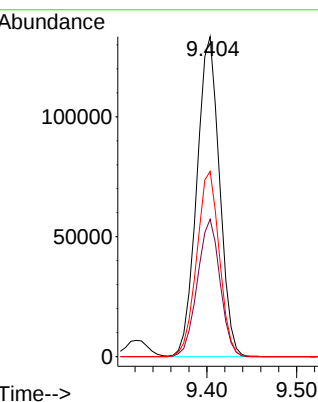
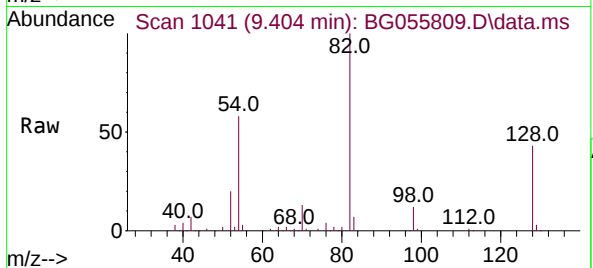
54 57.9 47.3 70.9

Manual Integrations

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Reviewed By :Christian Giraldo 11/29/2022

Supervised By :Jagrut Upadhyay 11/29/2022



#24

Nitrobenzene

Concen: 43.169 ng

RT: 9.445 min Scan# 1048

Delta R.T. -0.003 min

Lab File: BG055809.D

Acq: 28 Nov 2022 17:45

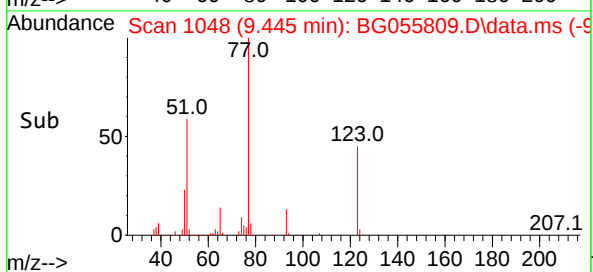
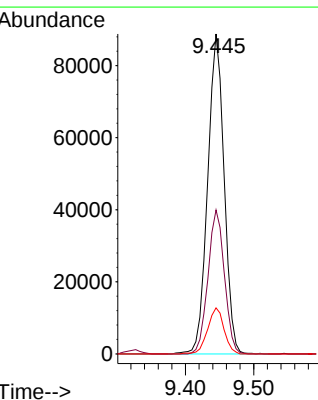
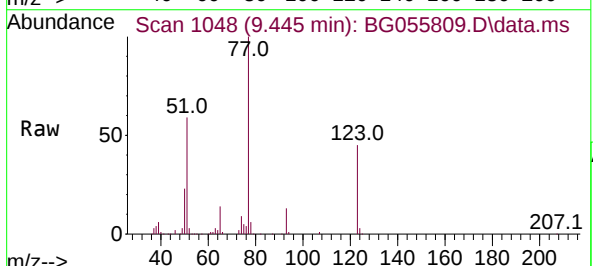
Tgt Ion: 77 Resp: 147858

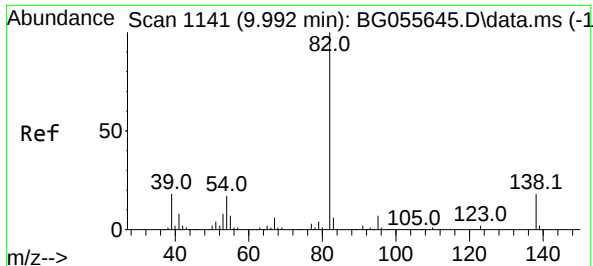
Ion Ratio Lower Upper

77 100

123 45.0 35.5 53.3

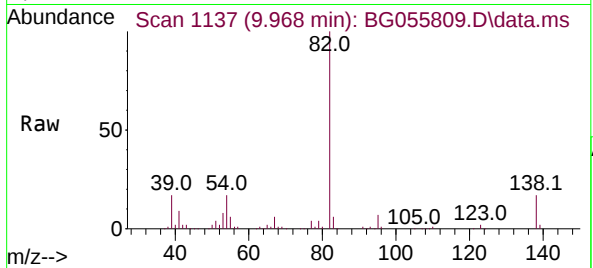
65 14.4 11.5 17.3





#25
Isophorone
Concen: 44.874 ng
RT: 9.968 min Scan# 1141
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

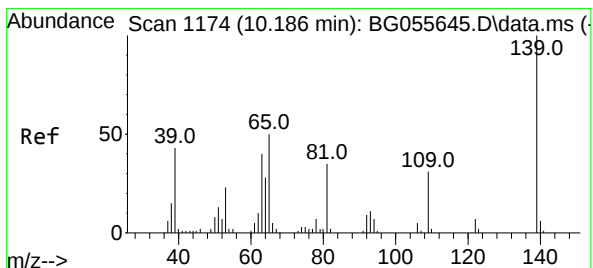
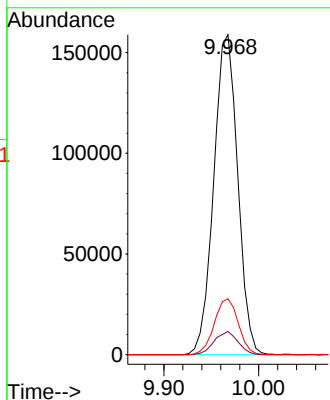
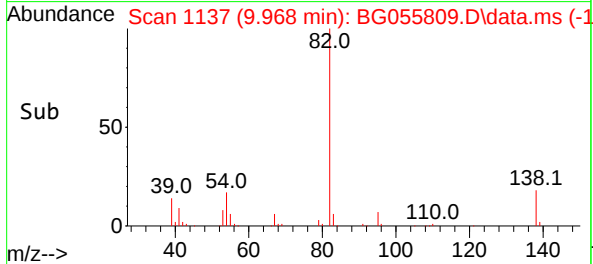
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



Tgt Ion: 82 Resp: 278802
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 17.5 14.2 21.4

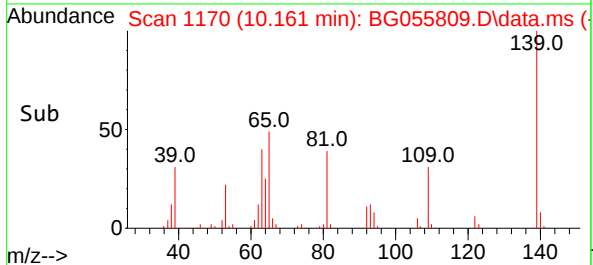
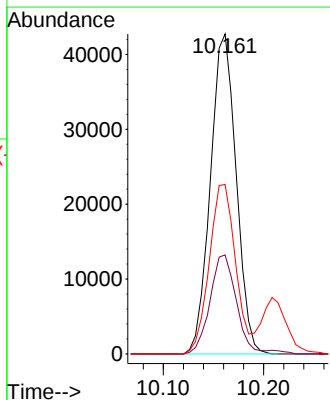
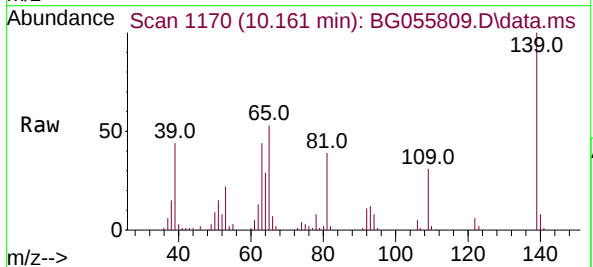
Manual Integrations
APPROVED

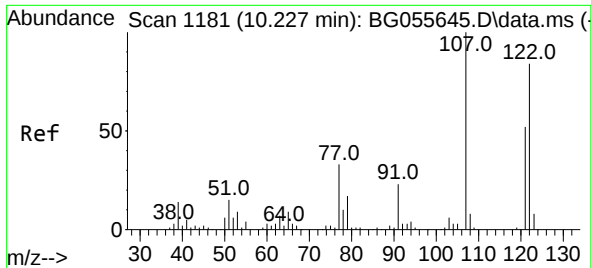
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#26
2-Nitrophenol
Concen: 48.256 ng
RT: 10.161 min Scan# 1170
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

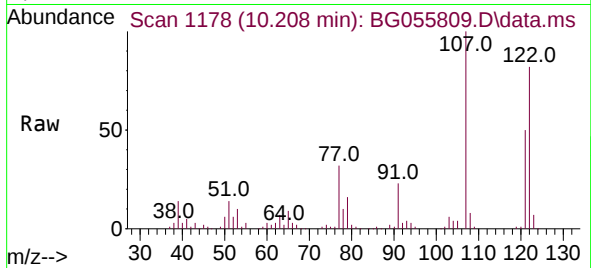
Tgt Ion:139 Resp: 76298
Ion Ratio Lower Upper
139 100
109 30.9 24.4 36.6
65 52.9 40.2 60.2





#27
2,4-Dimethylphenol
Concen: 51.133 ng m
RT: 10.208 min Scan# 1181
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

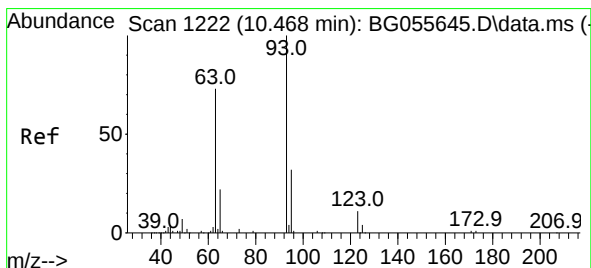
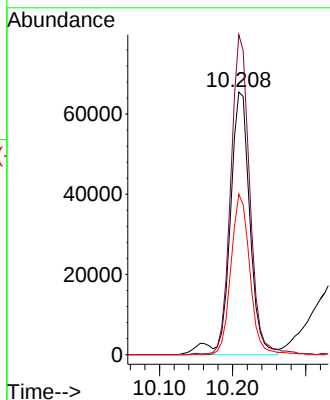
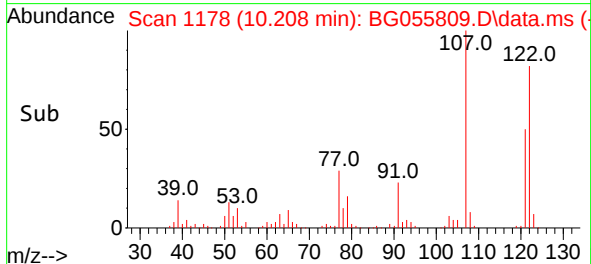
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



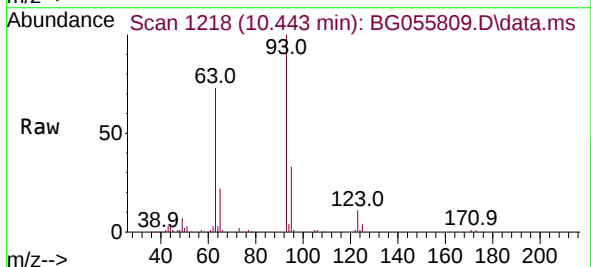
Tgt Ion:122 Resp: 12304
Ion Ratio Lower Upper
122 100
107 121.9 95.8 143.6
121 61.0 49.6 74.4

Manual Integrations
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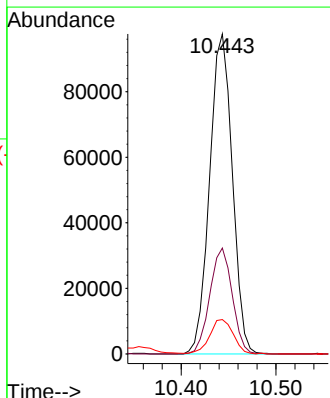
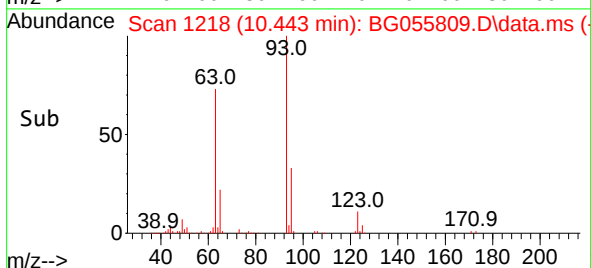
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

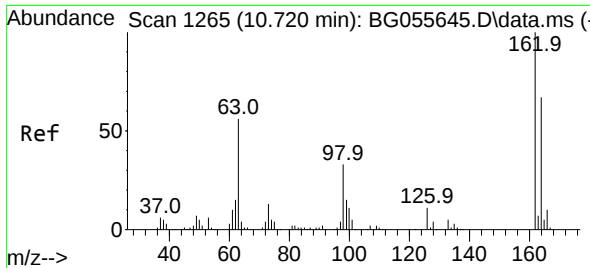


#28
bis(2-Chloroethoxy)methane
Concen: 48.655 ng
RT: 10.443 min Scan# 1218
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45



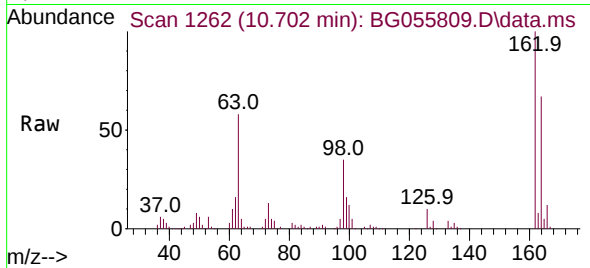
Tgt Ion: 93 Resp: 162285
Ion Ratio Lower Upper
93 100
95 33.1 25.7 38.5
123 10.7 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 48.084 ng
RT: 10.702 min Scan# 1262
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

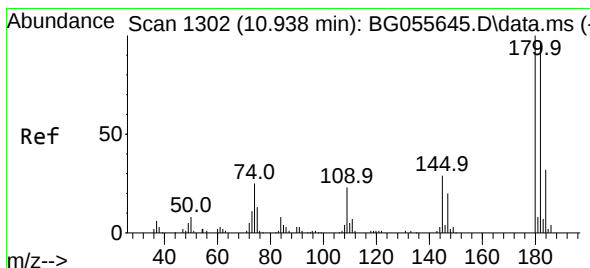
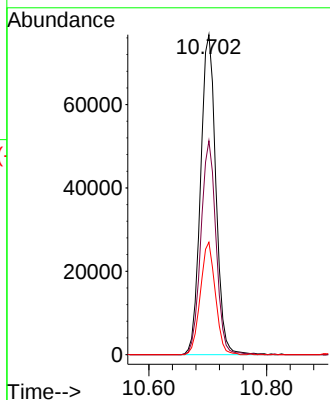
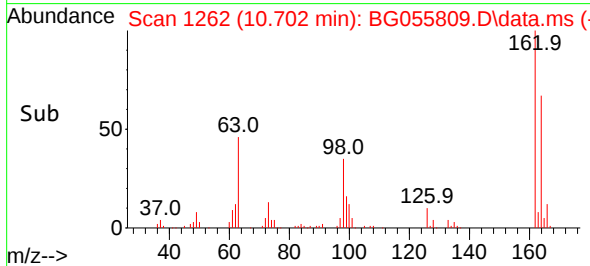
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



Tgt Ion:162 Resp: 138494
Ion Ratio Lower Upper
162 100
164 66.8 46.7 86.7
98 35.1 12.8 52.8

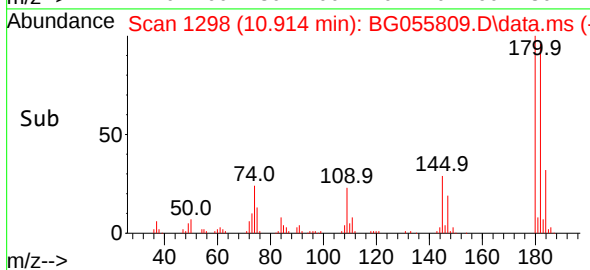
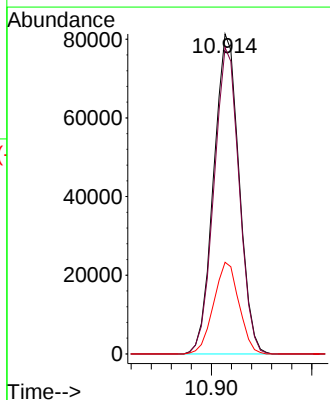
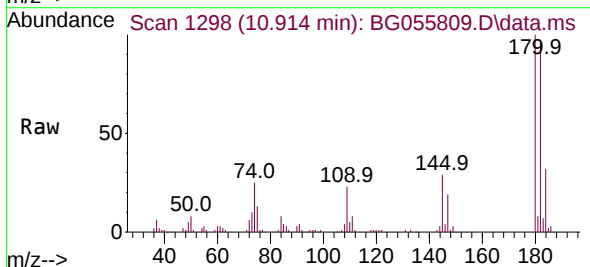
Manual Integrations
APPROVED

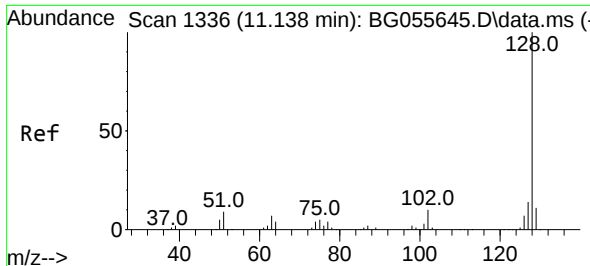
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#30
1,2,4-Trichlorobenzene
Concen: 42.712 ng
RT: 10.914 min Scan# 1298
Delta R.T. -0.009 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

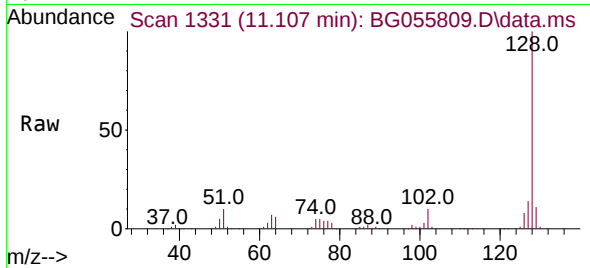
Tgt Ion:180 Resp: 142924
Ion Ratio Lower Upper
180 100
182 95.7 77.1 115.7
145 28.6 22.9 34.3





#31
Naphthalene
Concen: 42.810 ng
RT: 11.107 min Scan# 1336
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

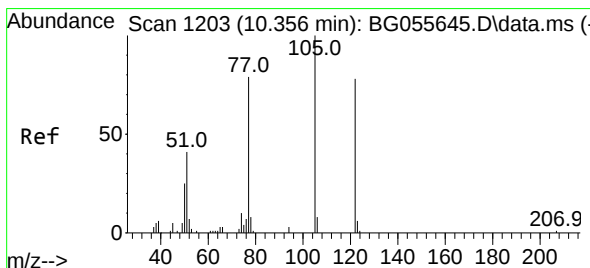
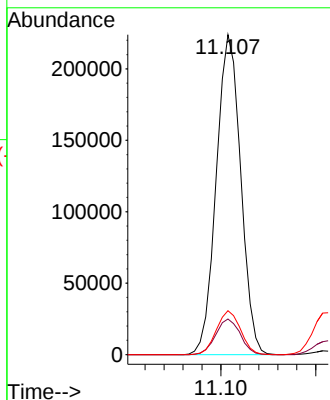
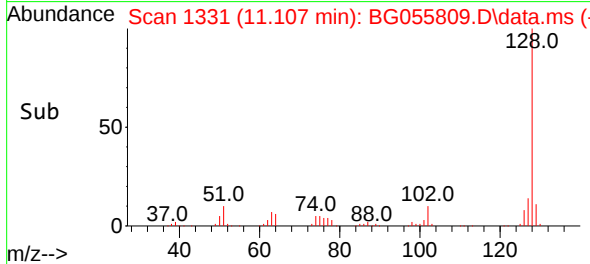
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



Tgt Ion:128 Resp: 401093
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.7 10.9 16.3

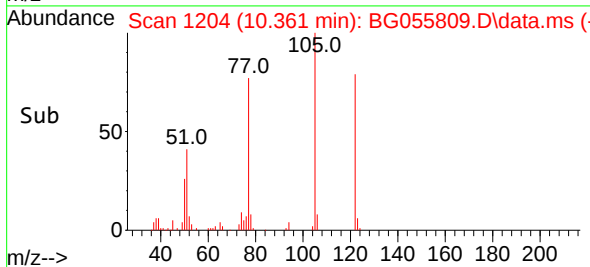
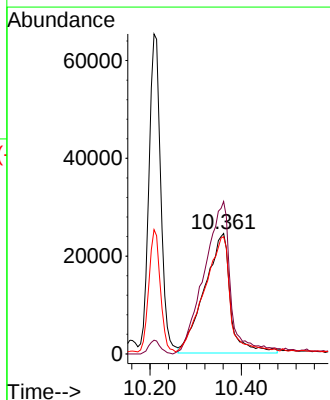
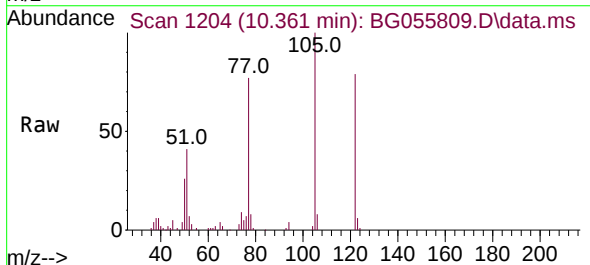
Manual Integrations
APPROVED

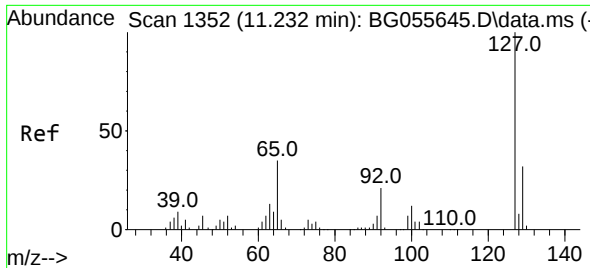
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#32
Benzoic acid
Concen: 49.026 ng m
RT: 10.361 min Scan# 1204
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

Tgt Ion:122 Resp: 97064
Ion Ratio Lower Upper
122 100
105 126.5 104.3 144.3
77 97.3 79.9 119.9





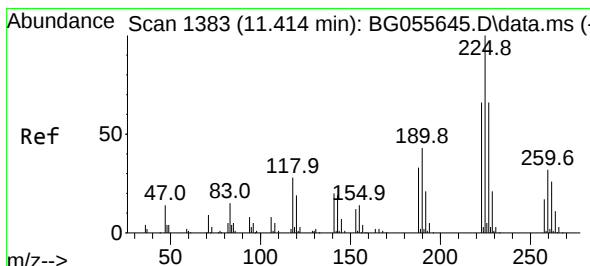
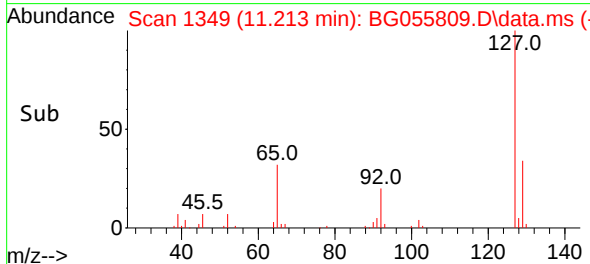
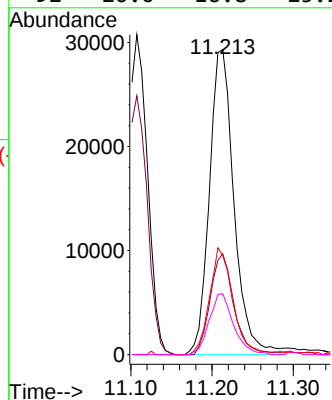
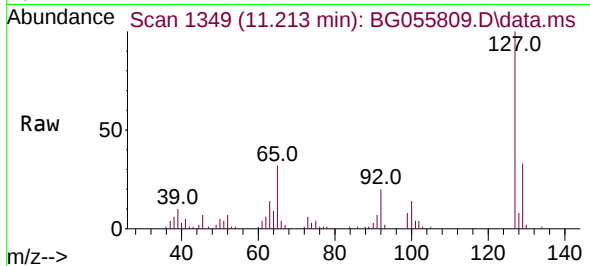
#33
4-Chloroaniline
Concen: 15.972 ng
RT: 11.213 min Scan# 1349
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

Instrument :
BNA_G
ClientSampleId :
B-12SMSD

Tgt Ion:127	Resp: 61729
Ion Ratio	Lower Upper
127 100	
129 33.0	25.9 38.9
65 32.4	27.9 41.9
92 20.0	16.8 25.2

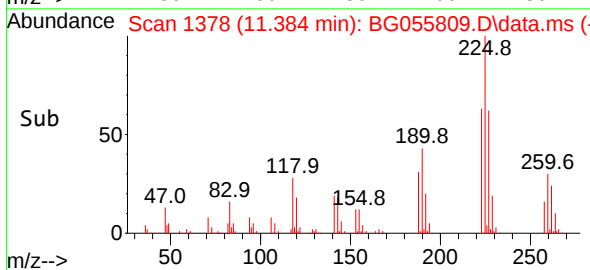
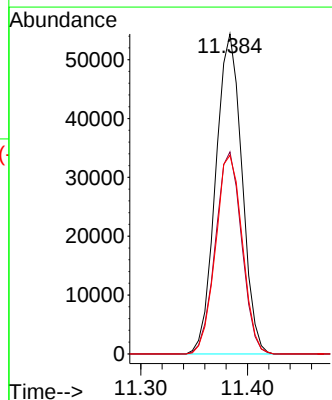
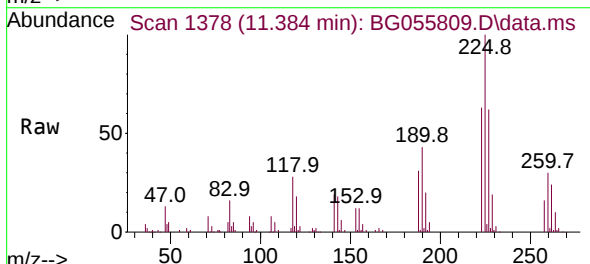
Manual Integrations
APPROVED

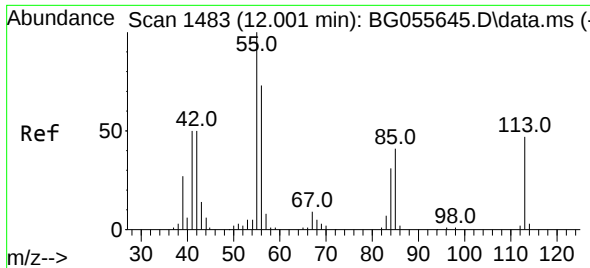
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#34
Hexachlorobutadiene
Concen: 40.786 ng
RT: 11.384 min Scan# 1378
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

Tgt Ion:225	Resp: 93192
Ion Ratio	Lower Upper
225 100	
223 63.2	52.9 79.3
227 62.0	52.6 79.0





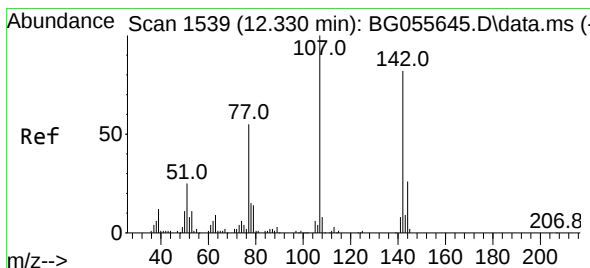
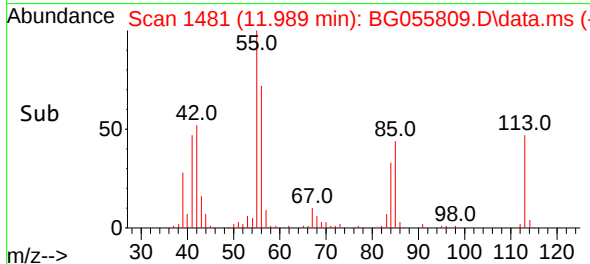
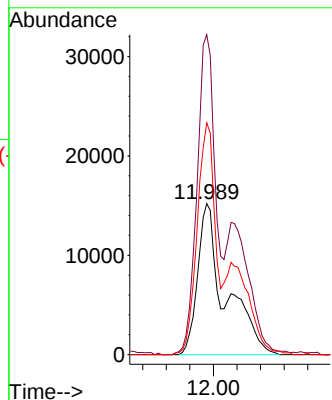
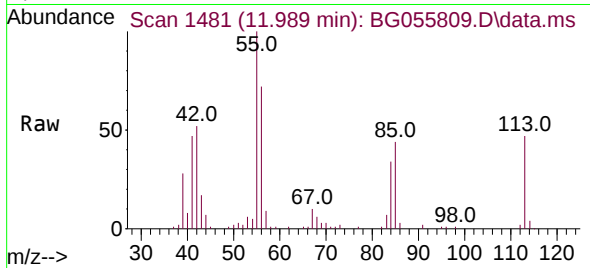
#35
Caprolactam
Concen: 49.582 ng m
RT: 11.989 min Scan# 1483
Delta R.T. 0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

Instrument :
BNA_G
ClientSampleId :
B-12SMSD

Tgt Ion:113 Resp: 49420
Ion Ratio Lower Upper
113 100
55 212.0 193.5 233.5
56 153.5 135.2 175.2

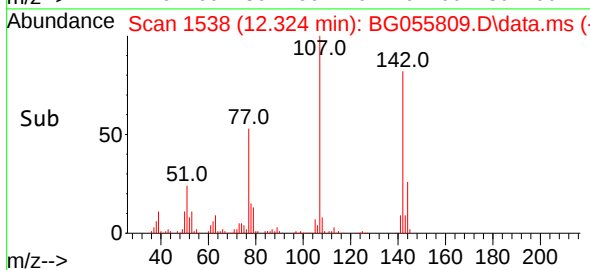
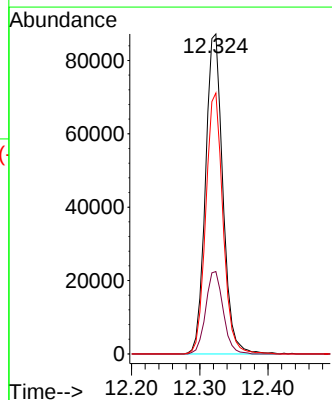
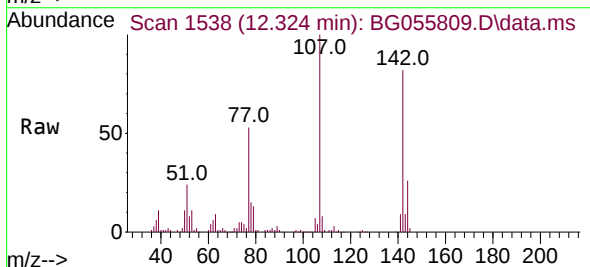
Manual Integrations
APPROVED

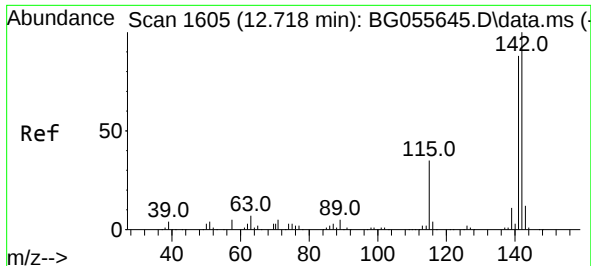
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#36
4-Chloro-3-methylphenol
Concen: 48.734 ng
RT: 12.324 min Scan# 1538
Delta R.T. 0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

Tgt Ion:107 Resp: 154278
Ion Ratio Lower Upper
107 100
144 25.7 21.0 31.4
142 81.6 65.9 98.9





#37

2-Methylnaphthalene

Concen: 42.976 ng

RT: 12.694 min Scan# 1601

Delta R.T. -0.009 min

Lab File: BG055809.D

Acq: 28 Nov 2022 17:45

Instrument :

BNA_G

ClientSampleId :

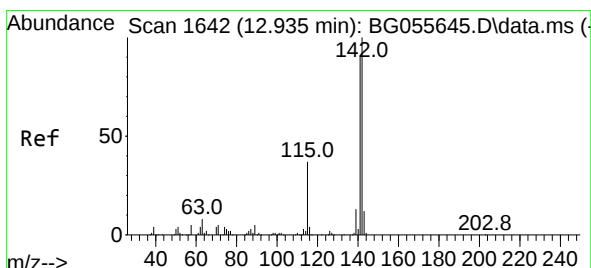
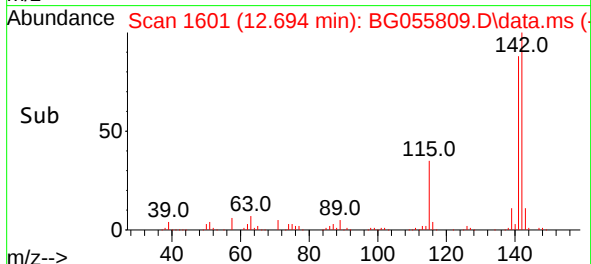
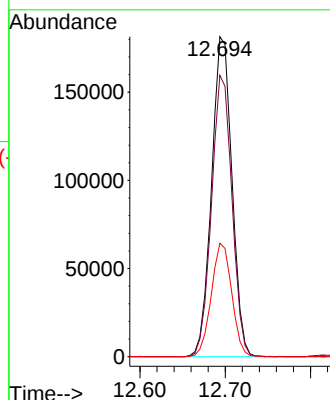
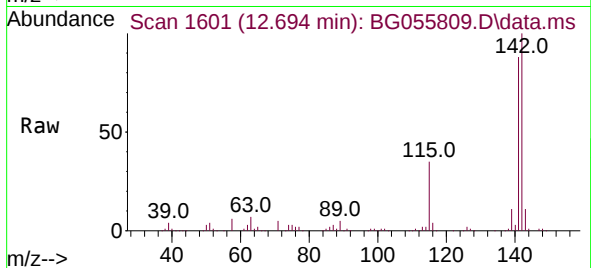
B-12SMSD

Tgt Ion:142	Resp: 301482
Ion Ratio	Lower Upper
142	100
141	87.9 70.3 105.5
115	35.4 27.9 41.9

Manual Integrations

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Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#38

1-Methylnaphthalene

Concen: 42.131 ng

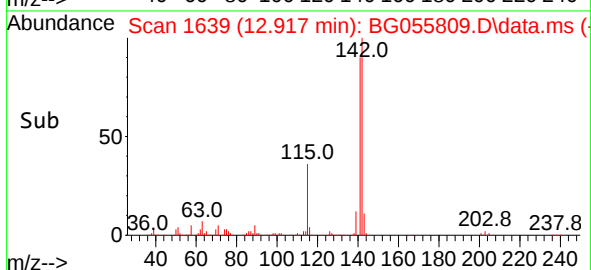
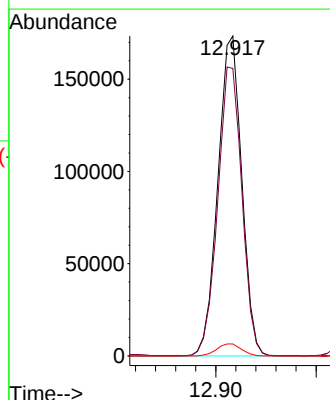
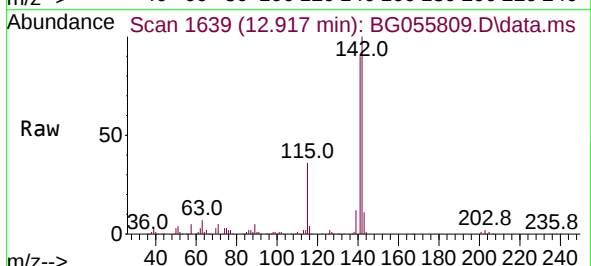
RT: 12.917 min Scan# 1639

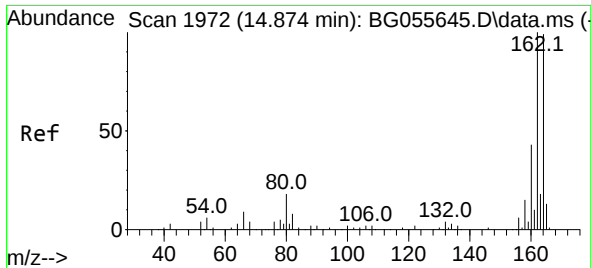
Delta R.T. -0.003 min

Lab File: BG055809.D

Acq: 28 Nov 2022 17:45

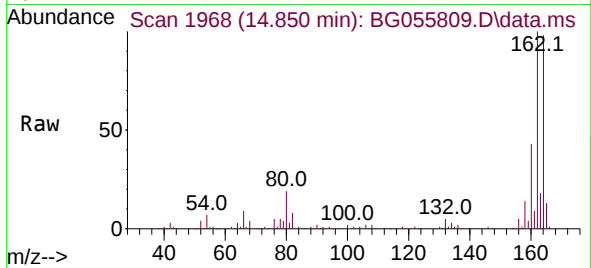
Tgt Ion:142	Resp: 286916
Ion Ratio	Lower Upper
142	100
141	89.8 73.0 109.4
116	3.7 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.850 min Scan# 1972
Delta R.T. -0.009 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

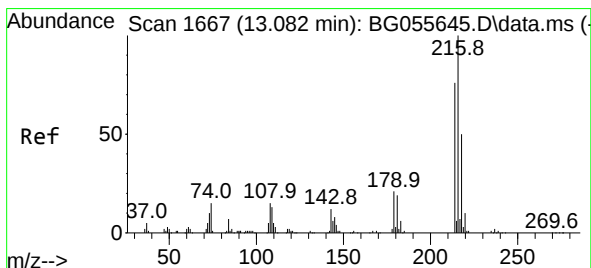
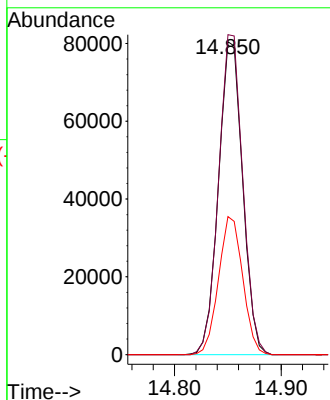
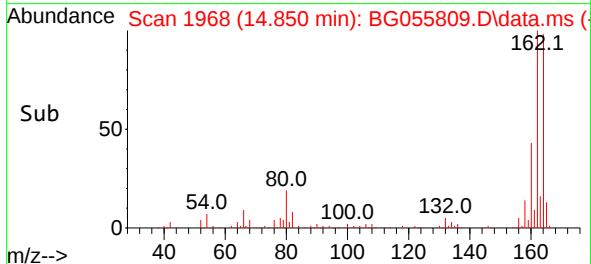
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



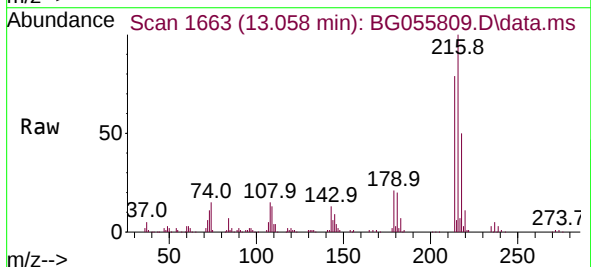
Tgt Ion:164 Resp: 126902
Ion Ratio Lower Upper
164 100
162 102.3 81.1 121.7
160 44.1 34.8 52.2

Manual Integrations
APPROVED

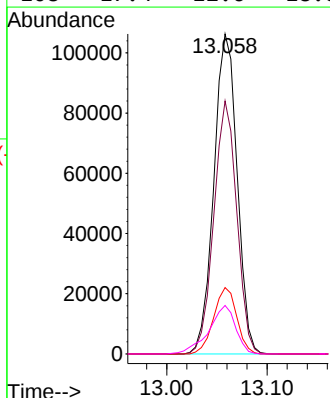
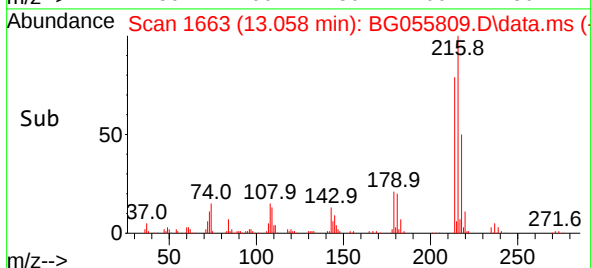
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

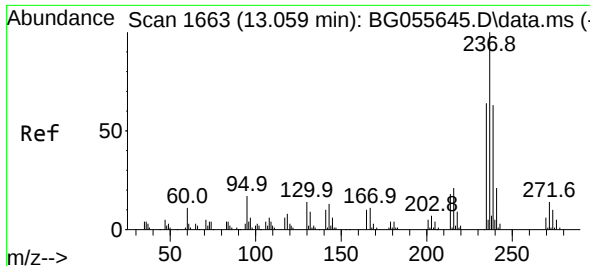


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.967 ng
RT: 13.058 min Scan# 1663
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45



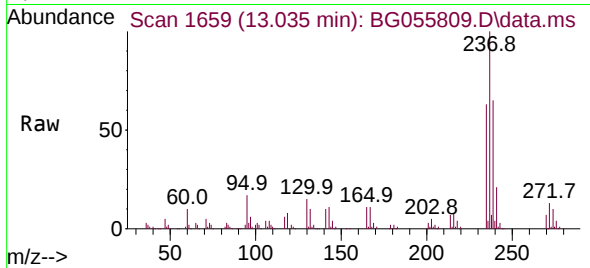
Tgt Ion:216 Resp: 171350
Ion Ratio Lower Upper
216 100
214 77.7 62.1 93.1
179 20.5 16.5 24.7
108 17.4 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 82.629 ng
RT: 13.035 min Scan# 1663
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

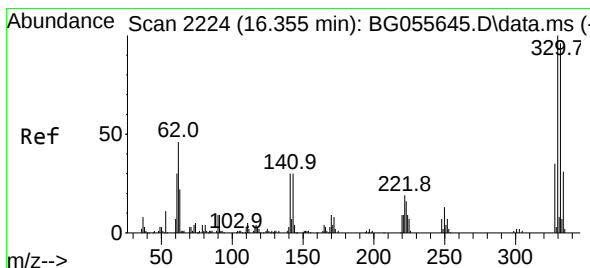
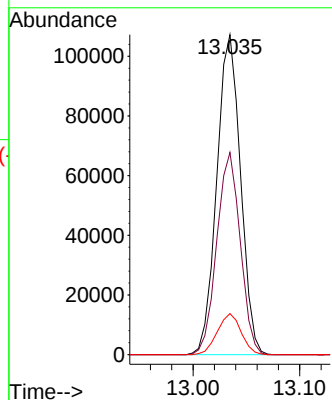
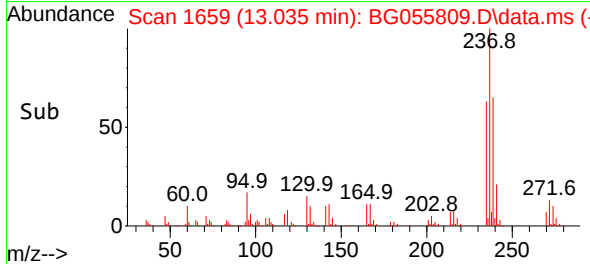
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



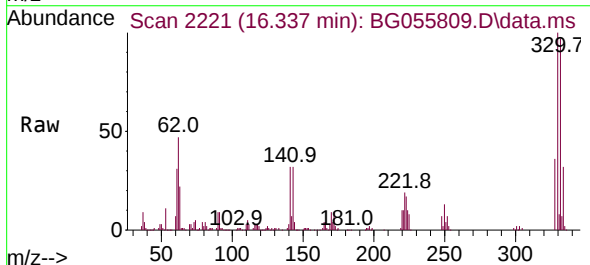
Tgt Ion:237 Resp: 166080
Ion Ratio Lower Upper
237 100
235 63.2 43.7 83.7
272 12.8 0.0 33.6

Manual Integrations
APPROVED

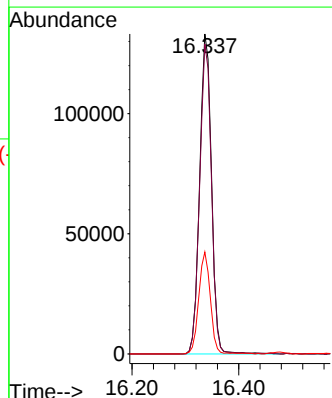
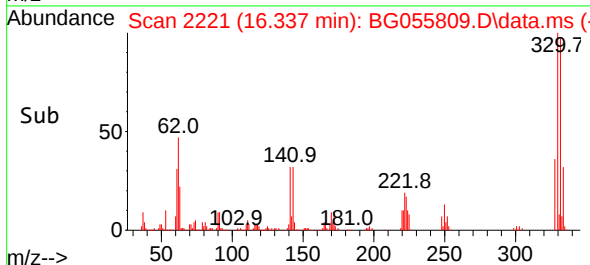
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

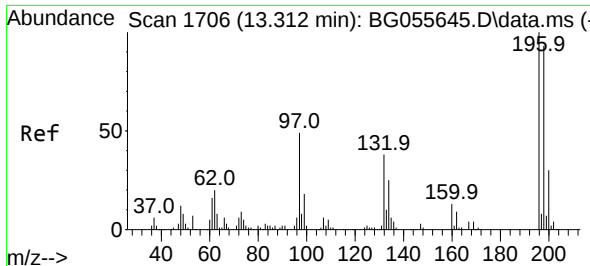


#42
2,4,6-Tribromophenol
Concen: 114.462 ng
RT: 16.337 min Scan# 2221
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45



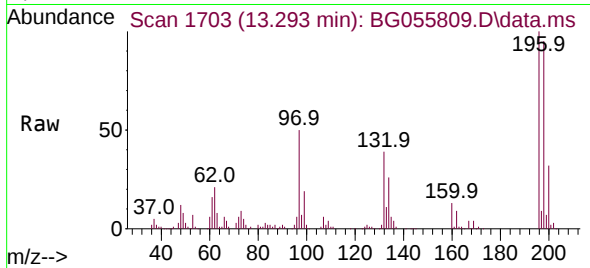
Tgt Ion:330 Resp: 204537
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 31.1 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 45.618 ng
RT: 13.293 min Scan# 1715
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

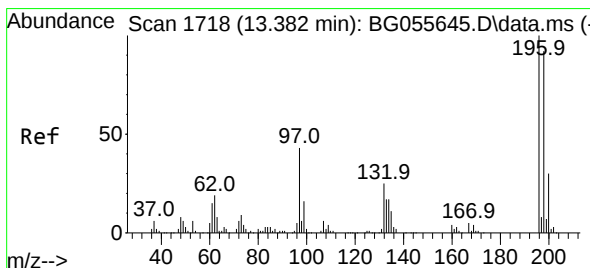
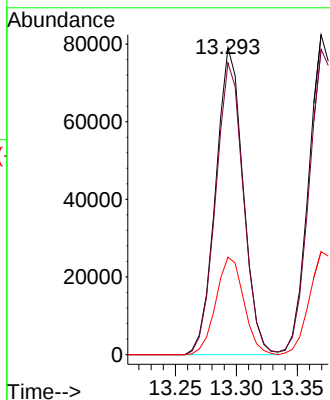
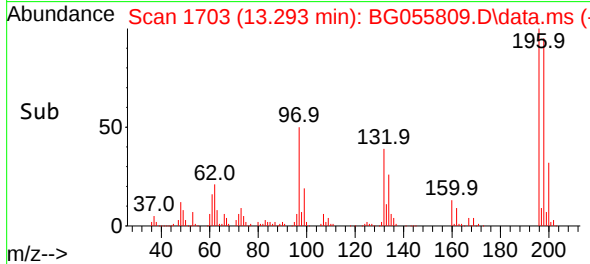
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



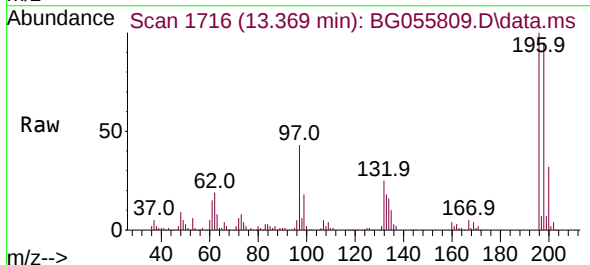
Tgt Ion:196 Resp: 124097
Ion Ratio Lower Upper
196 100
198 95.1 74.6 112.0
200 31.7 23.7 35.5

Manual Integrations
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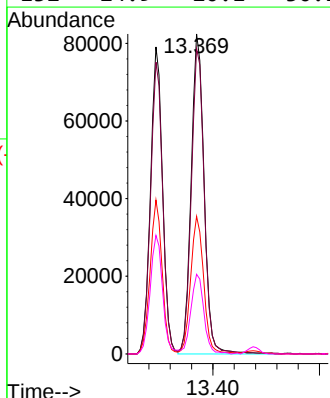
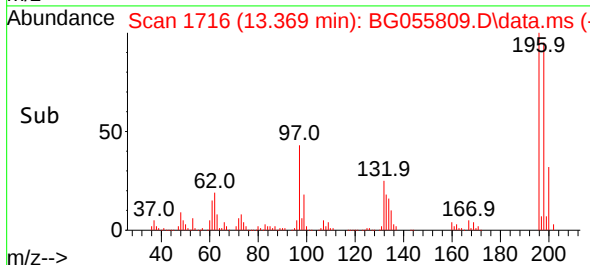
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

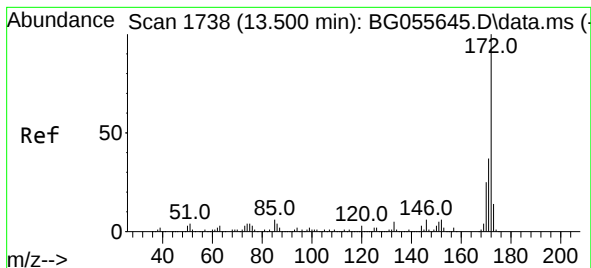


#44
2,4,5-Trichlorophenol
Concen: 46.544 ng
RT: 13.369 min Scan# 1716
Delta R.T. -0.009 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45



Tgt Ion:196 Resp: 139142
Ion Ratio Lower Upper
196 100
198 95.4 74.1 111.1
97 43.0 34.8 52.2
132 24.9 20.1 30.1





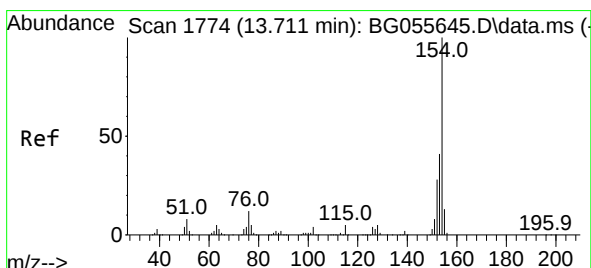
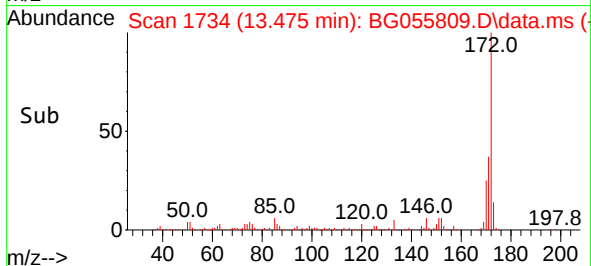
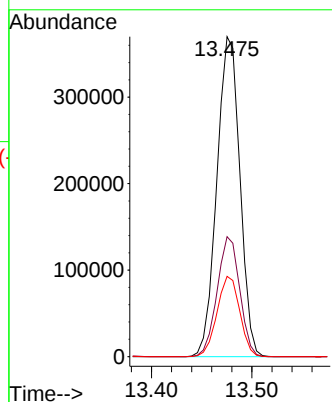
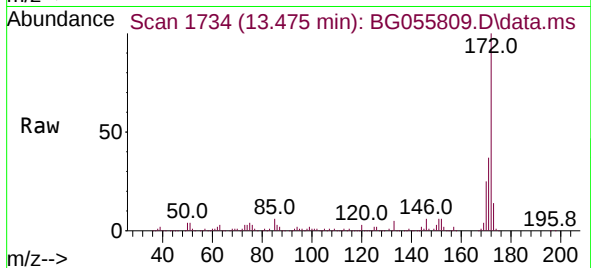
#45
2-Fluorobiphenyl
Concen: 69.735 ng
RT: 13.475 min Scan# 1738
Delta R.T. -0.009 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

Instrument :
BNA_G
ClientSampleId :
B-12SMSD

Tgt Ion:172 Resp: 590703
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.6
170 25.1 20.2 30.4

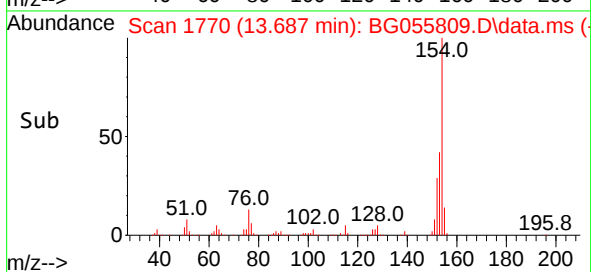
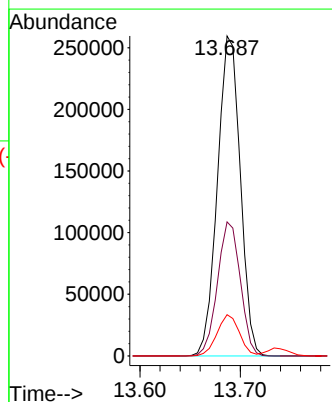
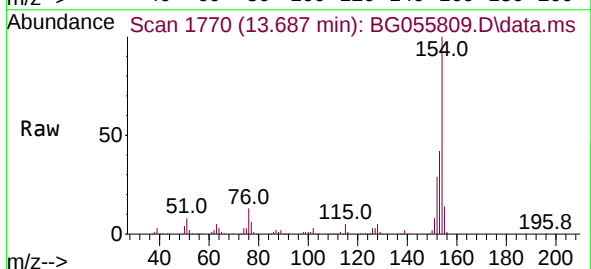
Manual Integrations
APPROVED

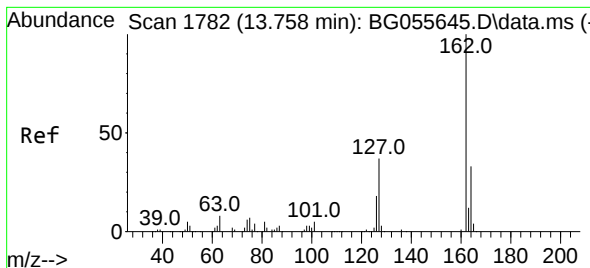
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#46
1,1'-Biphenyl
Concen: 44.450 ng
RT: 13.687 min Scan# 1770
Delta R.T. -0.009 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

Tgt Ion:154 Resp: 411057
Ion Ratio Lower Upper
154 100
153 41.9 20.6 60.6
76 12.9 0.0 32.4





#47

2-Chloronaphthalene

Concen: 43.376 ng

RT: 13.740 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG055809.D

Acq: 28 Nov 2022 17:45

Instrument :

BNA_G

ClientSampleId :

B-12SMSD

Tgt Ion:162 Resp: 311780

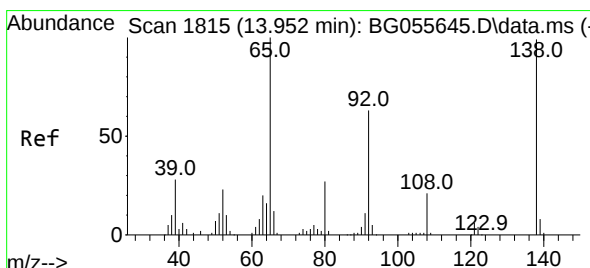
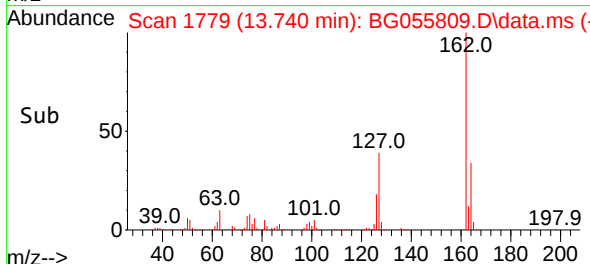
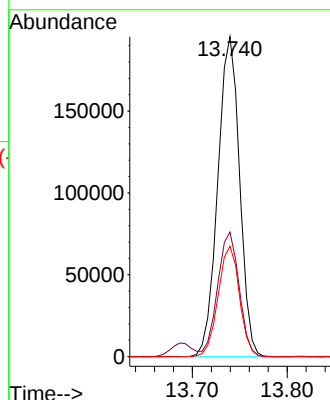
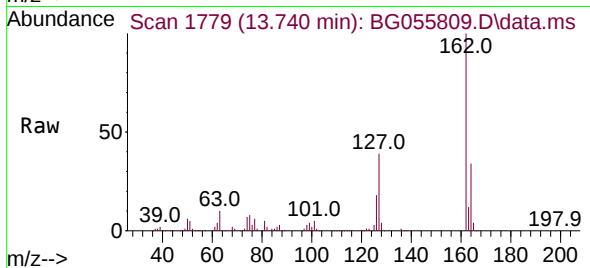
Ion	Ratio	Lower	Upper
162	100		
127	38.9	29.9	44.9
164	34.5	26.4	39.6

Manual Integrations

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Reviewed By :Christian Giraldo 11/29/2022

Supervised By :Jagrut Upadhyay 11/29/2022



#48

2-Nitroaniline

Concen: 46.431 ng

RT: 13.933 min Scan# 1812

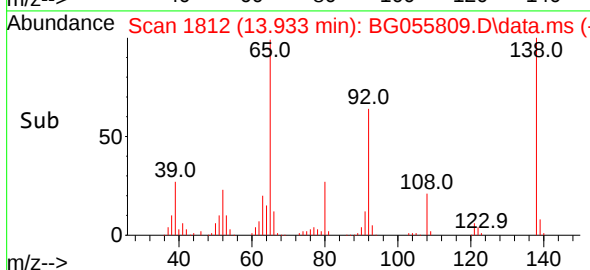
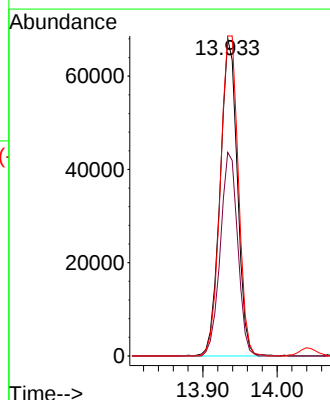
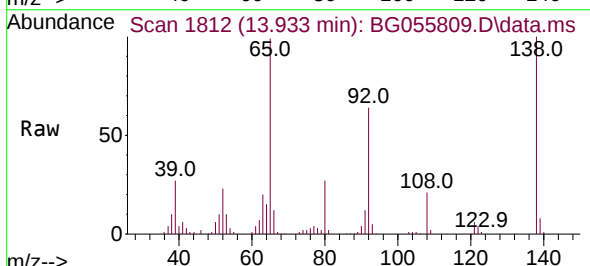
Delta R.T. -0.009 min

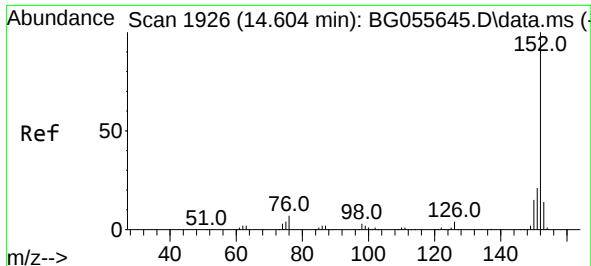
Lab File: BG055809.D

Acq: 28 Nov 2022 17:45

Tgt Ion: 65 Resp: 109725

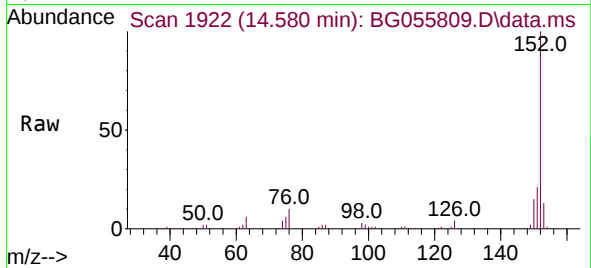
Ion	Ratio	Lower	Upper
65	100		
92	64.1	50.1	75.1
138	100.9	79.4	119.0





#49
Acenaphthylene
Concen: 43.881 ng
RT: 14.580 min Scan# 1922
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

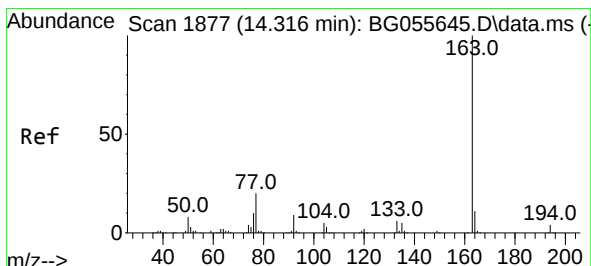
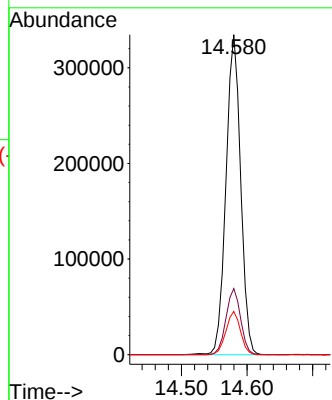
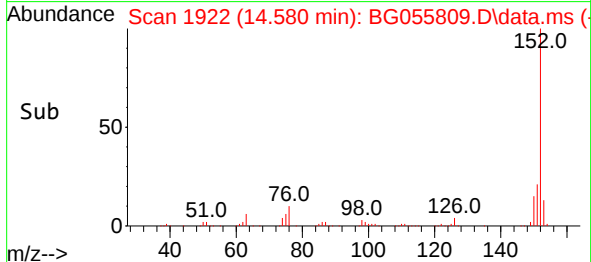
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



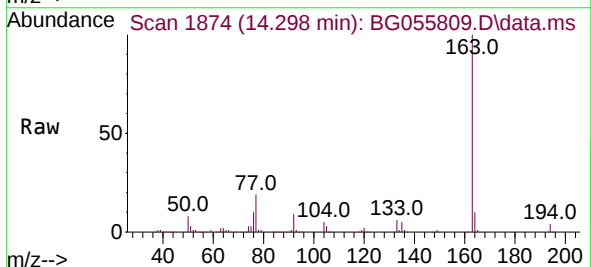
Tgt Ion:152 Resp: 519385
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.5 11.0 16.4

Manual Integrations
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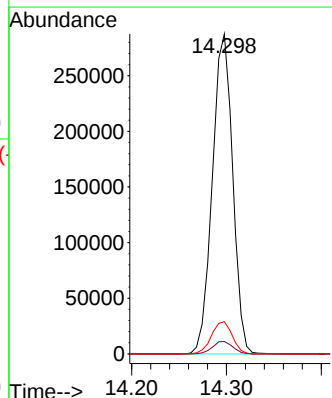
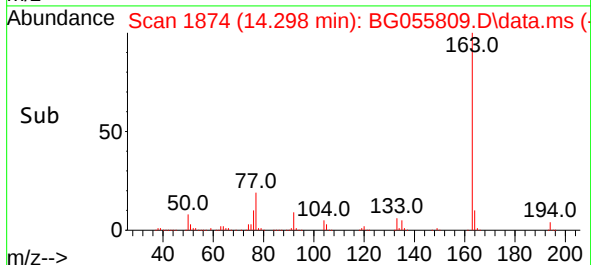
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

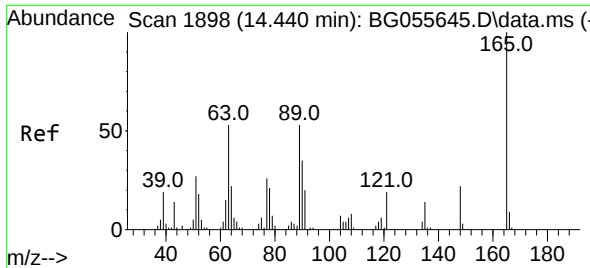


#50
Dimethylphthalate
Concen: 42.325 ng
RT: 14.298 min Scan# 1874
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45



Tgt Ion:163 Resp: 428166
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.1 8.6 12.8





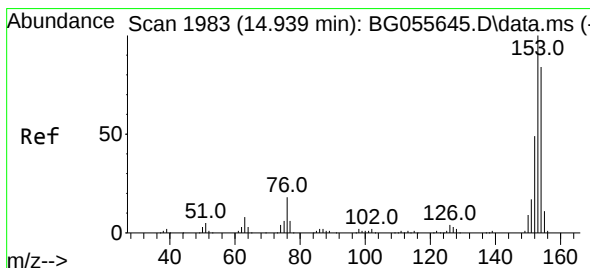
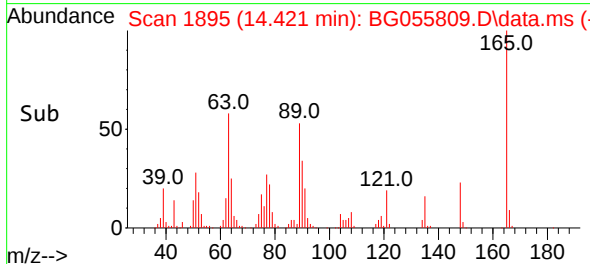
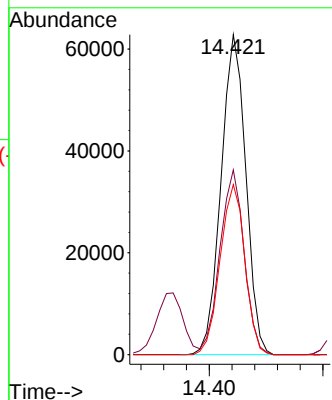
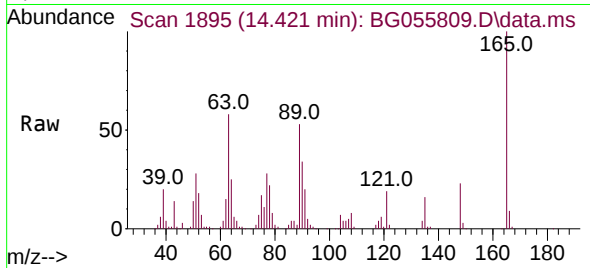
#51
2,6-Dinitrotoluene
Concen: 45.838 ng
RT: 14.421 min Scan# 1898
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

Instrument :
BNA_G
ClientSampleId :
B-12SMSD

Tgt Ion:165 Resp: 94813
Ion Ratio Lower Upper
165 100
63 57.7 44.6 66.8
89 53.1 42.2 63.4

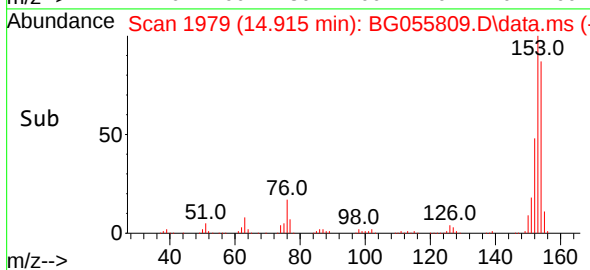
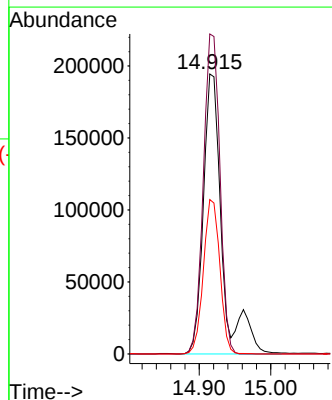
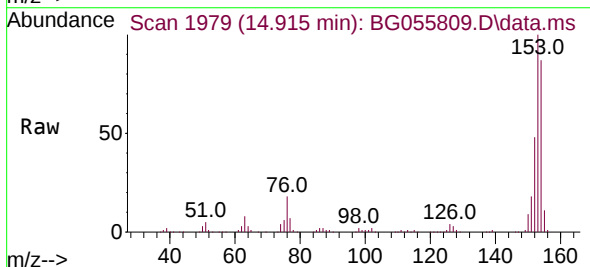
Manual Integrations
APPROVED

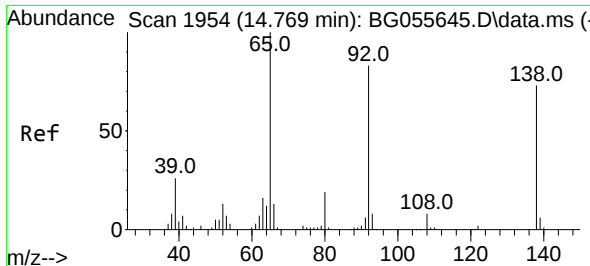
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#52
Acenaphthene
Concen: 45.852 ng m
RT: 14.915 min Scan# 1979
Delta R.T. -0.009 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

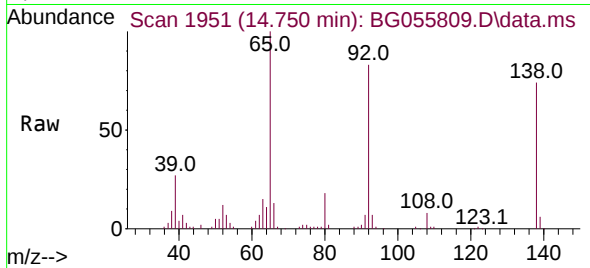
Tgt Ion:154 Resp: 354699
Ion Ratio Lower Upper
154 100
153 114.3 95.0 142.4
152 55.1 46.1 69.1





#53
3-Nitroaniline
Concen: 21.859 ng
RT: 14.750 min Scan# 1951
Delta R.T. -0.009 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

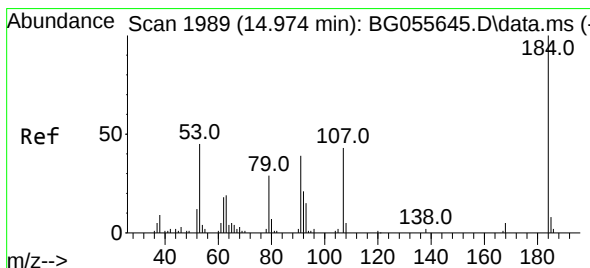
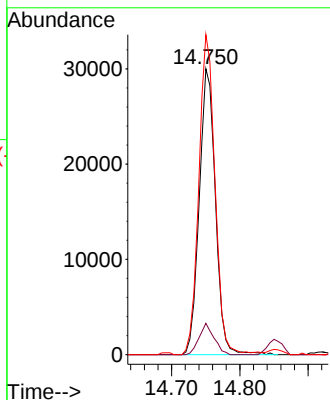
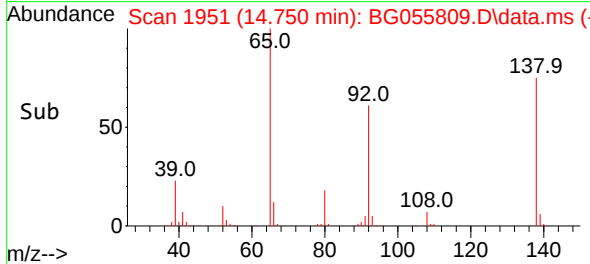
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



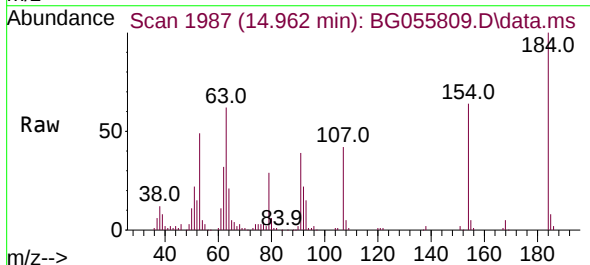
Tgt Ion:138 Resp: 49634
Ion Ratio Lower Upper
138 100
108 10.9 8.5 12.7
92 111.9 91.0 136.6

Manual Integrations
APPROVED

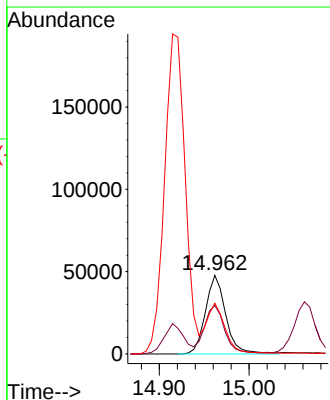
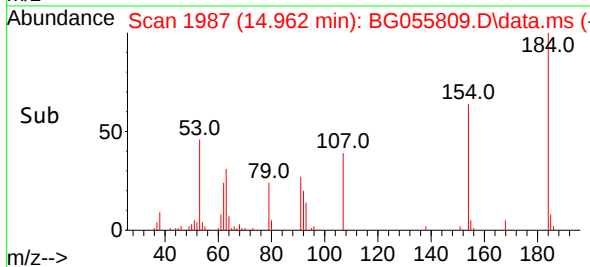
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#54
2,4-Dinitrophenol
Concen: 63.360 ng
RT: 14.962 min Scan# 1987
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45



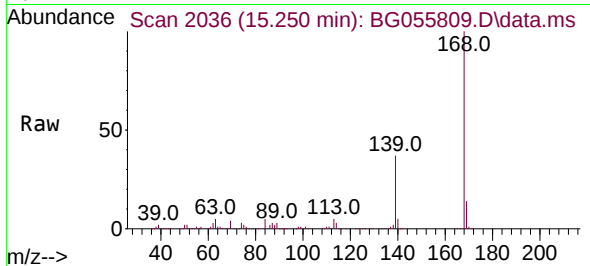
Tgt Ion:184 Resp: 75352
Ion Ratio Lower Upper
184 100
63 61.7 49.5 74.3
154 64.5 52.0 78.0





#55
Dibenzenofuran
Concen: 43.409 ng
RT: 15.250 min Scan# 2040
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

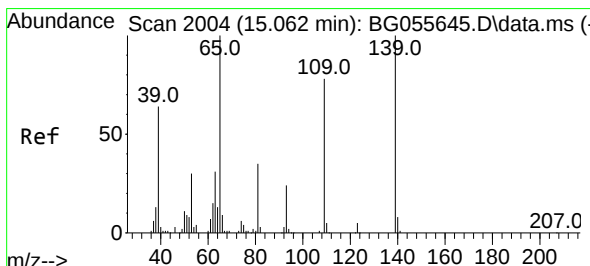
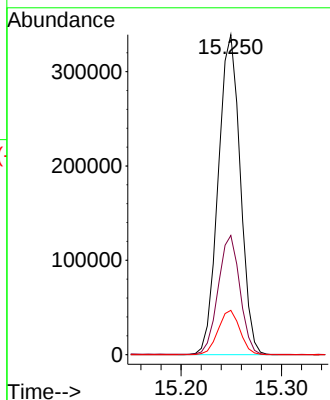
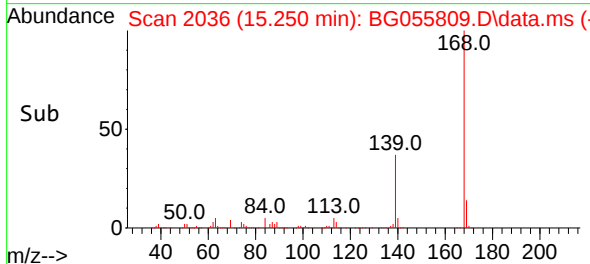
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



Tgt Ion:168 Resp: 518040
Ion Ratio Lower Upper
168 100
139 37.2 28.8 43.2
169 13.8 11.0 16.4

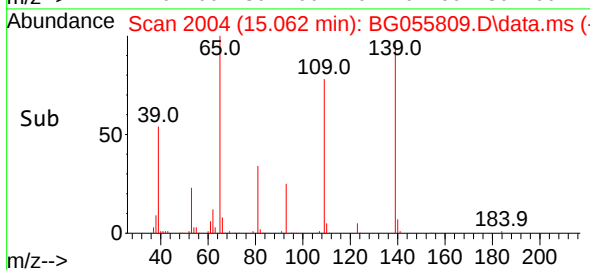
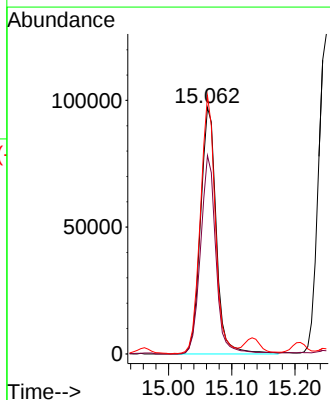
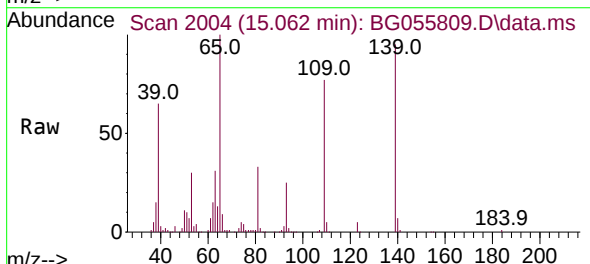
Manual Integrations
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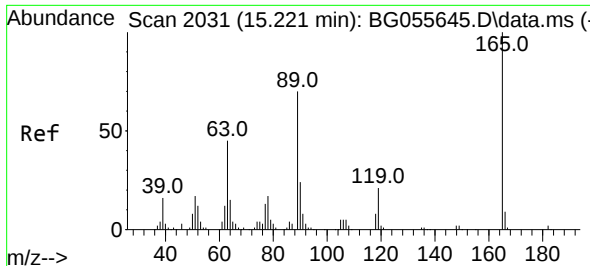
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#56
4-Nitrophenol
Concen: 94.121 ng
RT: 15.062 min Scan# 2004
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

Tgt Ion:139 Resp: 167735
Ion Ratio Lower Upper
139 100
109 80.5 58.6 98.6
65 104.8 80.5 120.5





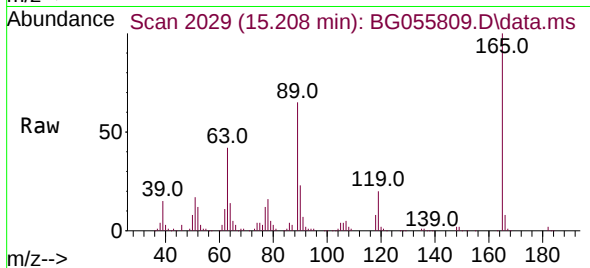
#57
2,4-Dinitrotoluene
Concen: 47.077 ng
RT: 15.208 min Scan# 2031
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

Instrument :

BNA_G

ClientSampleId :

B-12SMSD

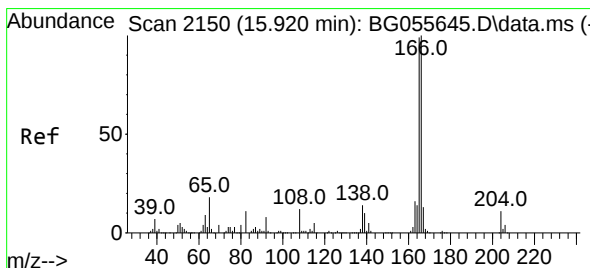
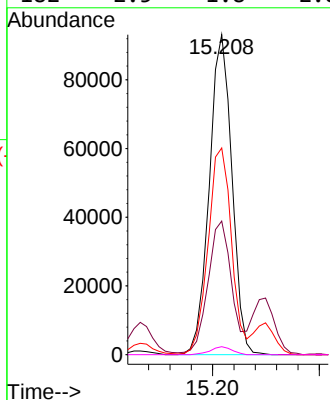
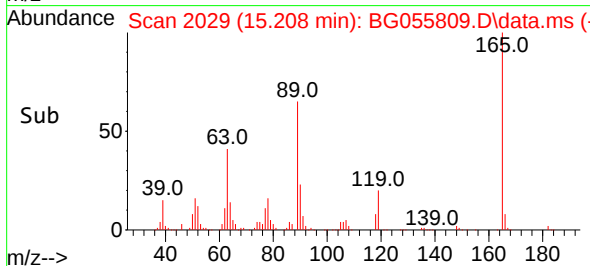


Tgt Ion:165 Resp: 137290
Ion Ratio Lower Upper
165 100
63 41.7 35.8 53.8
89 64.6 56.2 84.4
182 2.5 1.8 2.8

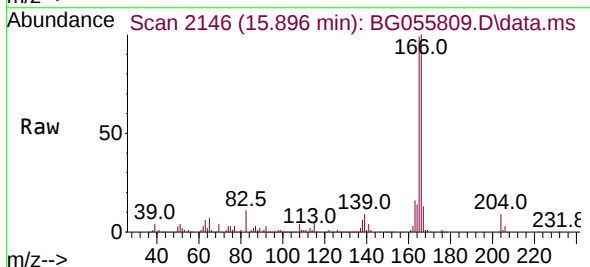
Manual Integrations

APPROVED

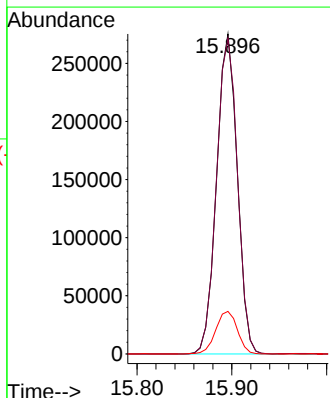
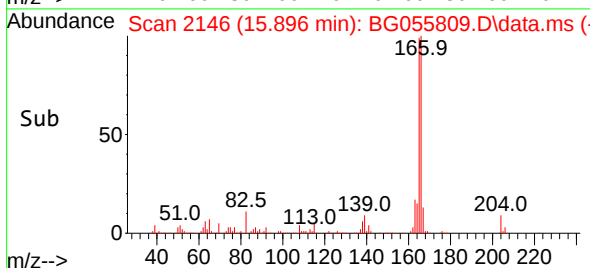
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

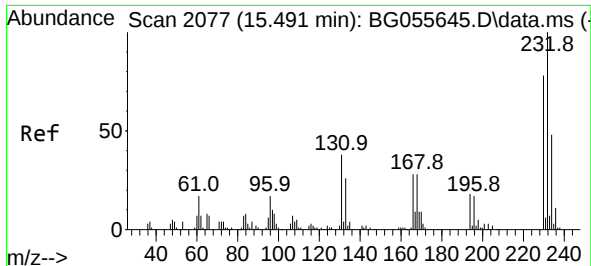


#58
Fluorene
Concen: 43.670 ng
RT: 15.896 min Scan# 2146
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45



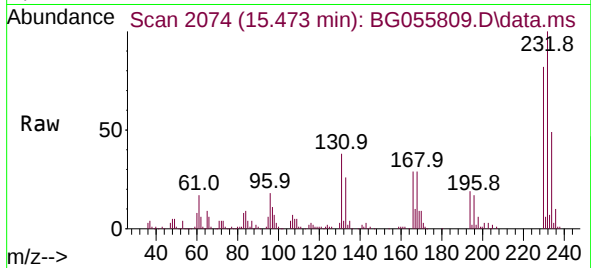
Tgt Ion:166 Resp: 416244
Ion Ratio Lower Upper
166 100
165 98.6 79.3 118.9
167 13.3 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.437 ng
RT: 15.473 min Scan# 2077
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

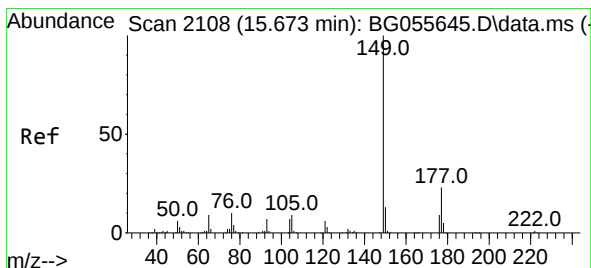
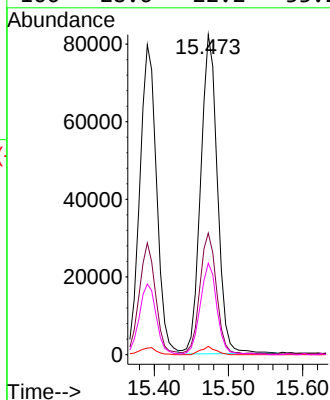
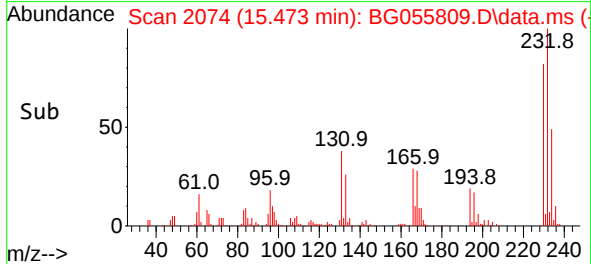
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



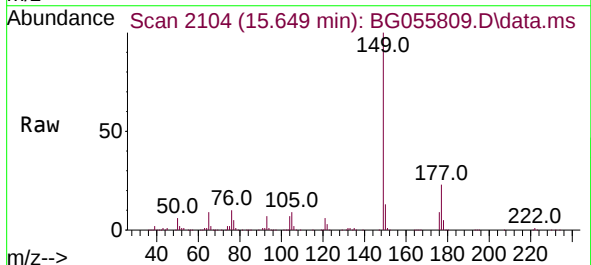
Tgt Ion:232 Resp: 128719
Ion Ratio Lower Upper
232 100
131 37.8 29.8 44.8
130 2.2 1.7 2.5
166 28.6 22.2 33.2

Manual Integrations
APPROVED

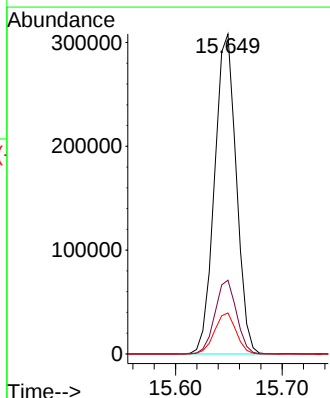
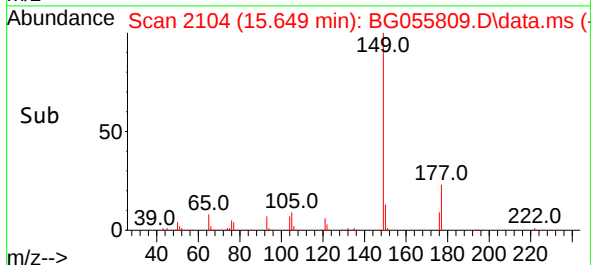
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

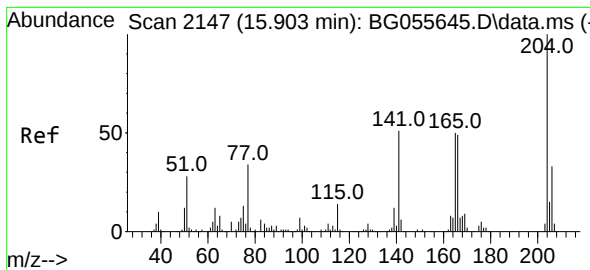


#60
Diethylphthalate
Concen: 42.700 ng
RT: 15.649 min Scan# 2104
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45



Tgt Ion:149 Resp: 436722
Ion Ratio Lower Upper
149 100
177 23.0 18.3 27.5
150 12.8 10.0 15.0





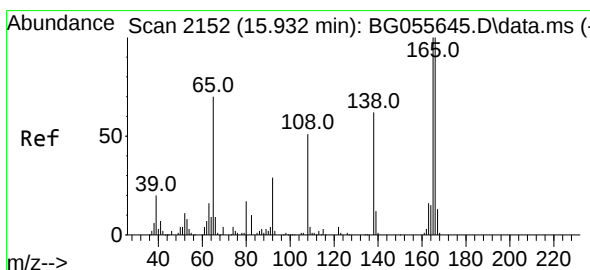
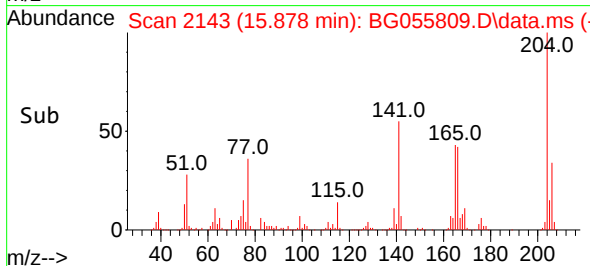
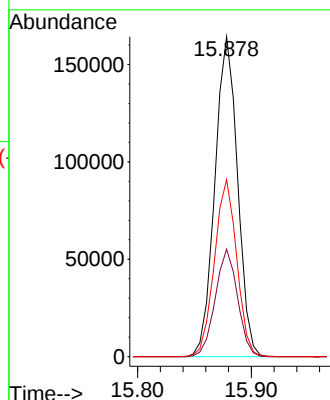
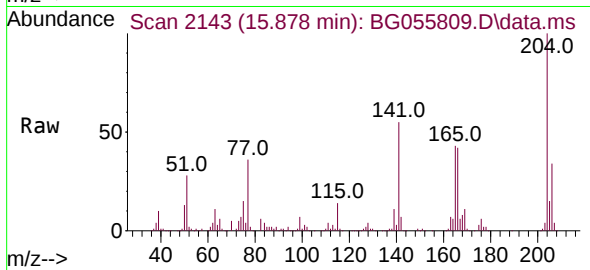
#61
4-Chlorophenyl-phenylether
Concen: 43.368 ng
RT: 15.878 min Scan# 2143
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

Instrument :
BNA_G
ClientSampleId :
B-12SMSD

Tgt Ion:204 Resp: 227223
Ion Ratio Lower Upper
204 100
206 33.6 26.6 40.0
141 55.3 40.6 61.0

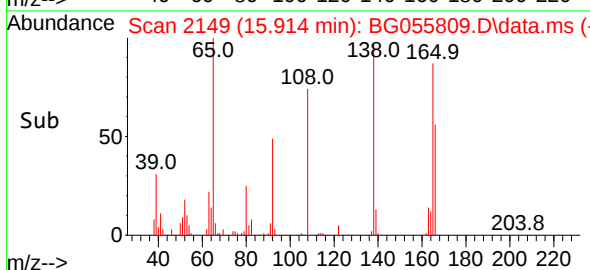
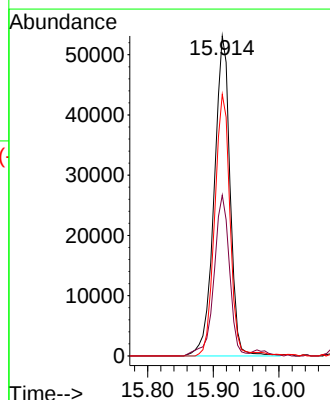
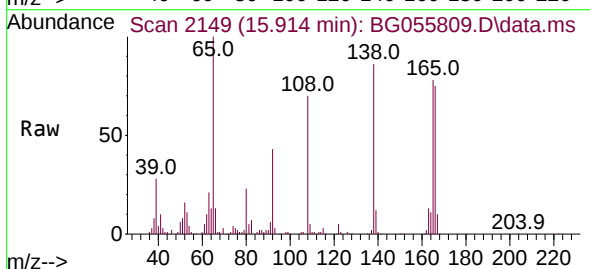
Manual Integrations
APPROVED

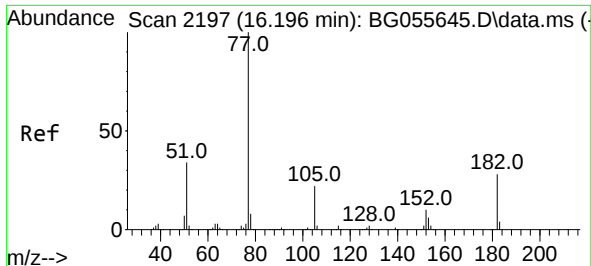
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#62
4-Nitroaniline
Concen: 37.786 ng
RT: 15.914 min Scan# 2149
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

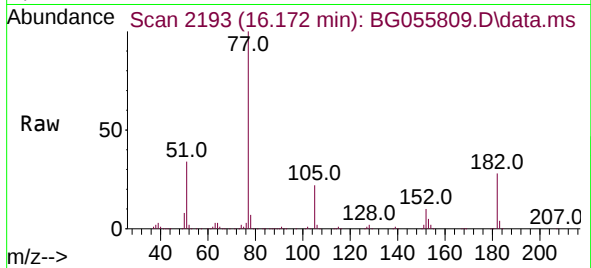
Tgt Ion:138 Resp: 89688
Ion Ratio Lower Upper
138 100
92 50.2 27.3 67.3
108 81.7 62.8 102.8





#63
Azobenzene
Concen: 44.800 ng
RT: 16.172 min Scan# 2197
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

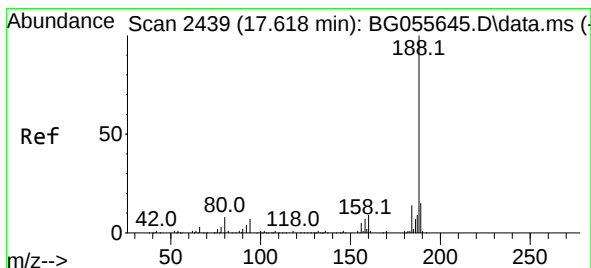
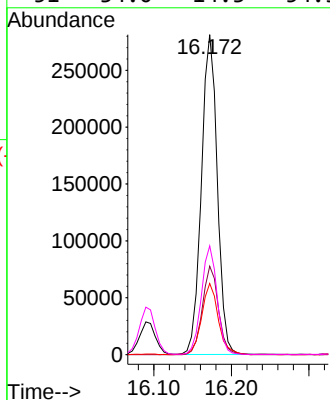
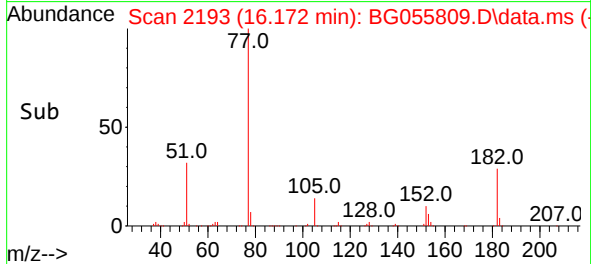
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



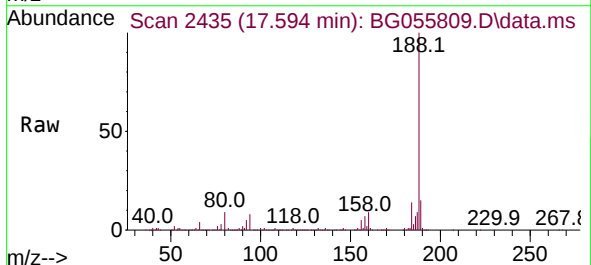
Tgt Ion: 77 Resp: 400023
Ion Ratio Lower Upper
77 100
182 27.6 8.1 48.1
105 22.2 1.8 41.8
51 34.0 14.3 54.3

Manual Integrations
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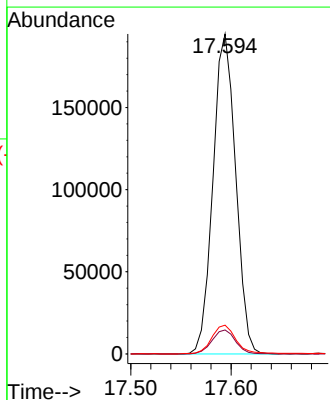
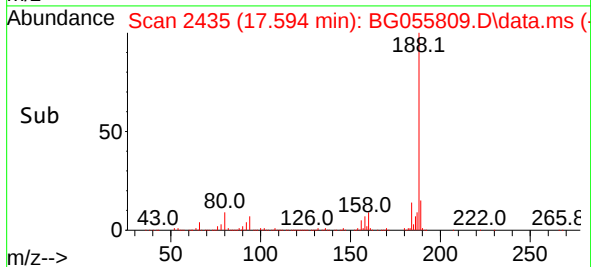
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

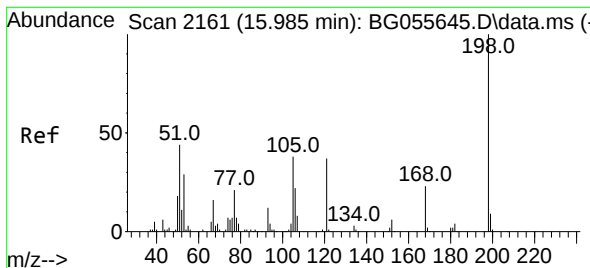


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.594 min Scan# 2435
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45



Tgt Ion:188 Resp: 305939
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.2
80 9.0 6.6 10.0





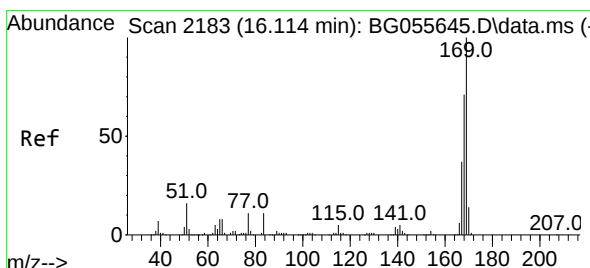
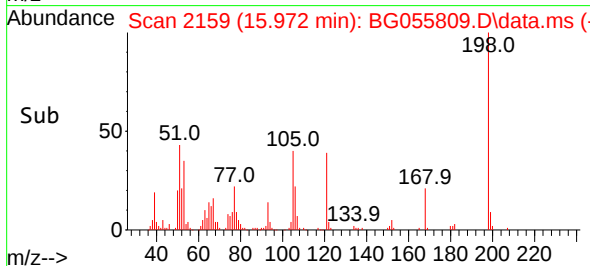
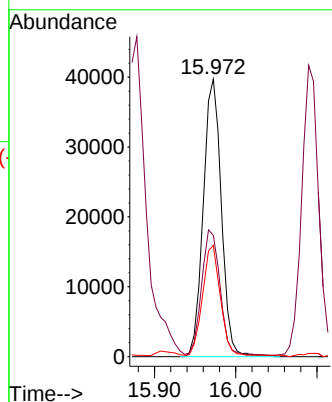
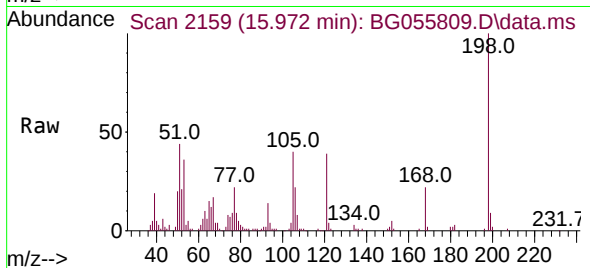
#65
4,6-Dinitro-2-methylphenol
Concen: 36.004 ng
RT: 15.972 min Scan# 2161
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

Instrument :
BNA_G
ClientSampleId :
B-12SMSD

Tgt Ion:198 Resp: 61507
Ion Ratio Lower Upper
198 100
51 43.7 27.7 67.7
105 40.1 19.3 59.3

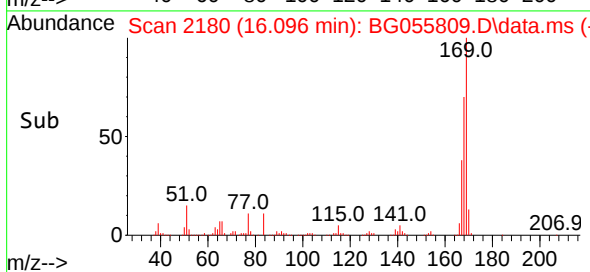
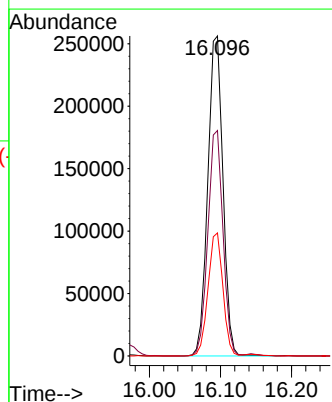
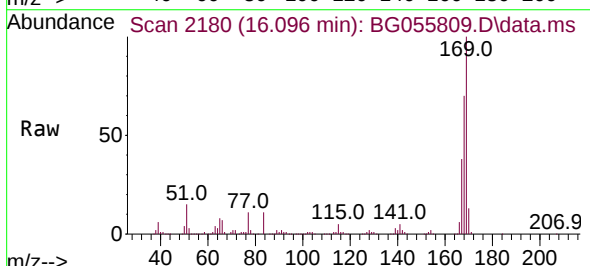
Manual Integrations
APPROVED

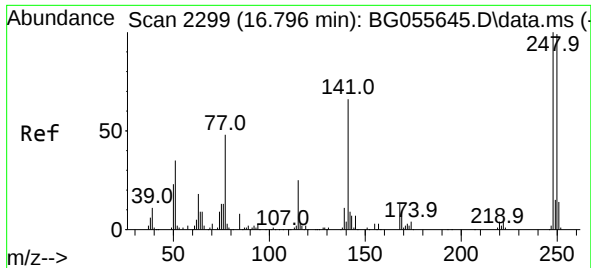
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#66
n-Nitrosodiphenylamine
Concen: 44.918 ng
RT: 16.096 min Scan# 2180
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

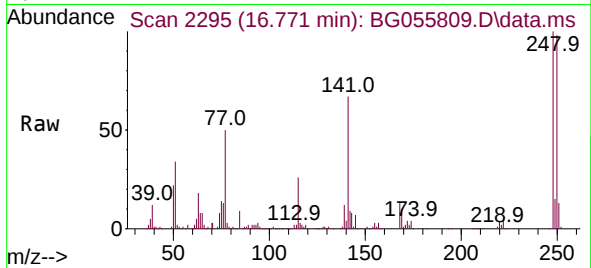
Tgt Ion:169 Resp: 378719
Ion Ratio Lower Upper
169 100
168 70.4 56.6 85.0
167 38.4 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 44.000 ng
RT: 16.771 min Scan# 2117
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

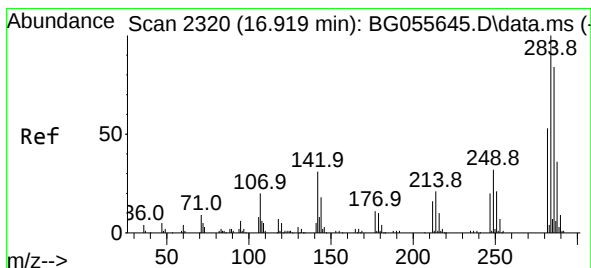
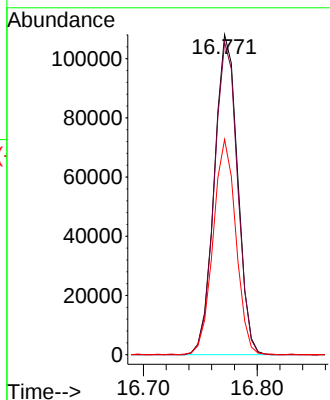
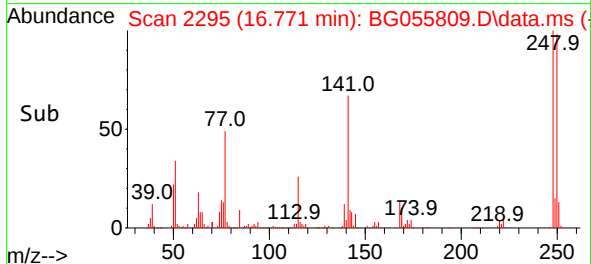
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



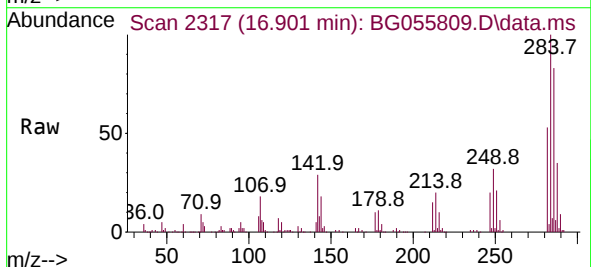
Tgt Ion:248 Resp: 153372
Ion Ratio Lower Upper
248 100
250 97.6 79.0 118.4
141 67.2 52.9 79.3

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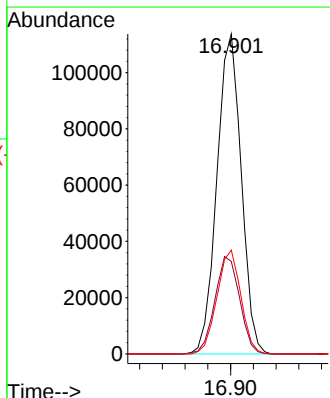
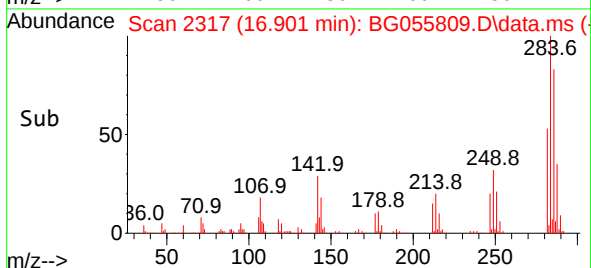
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

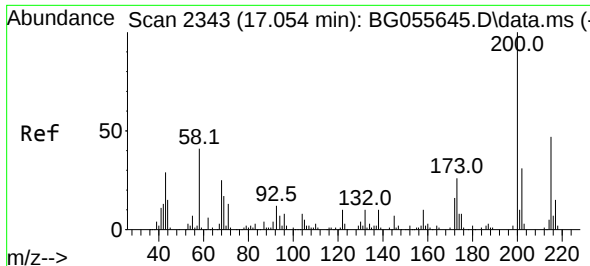


#68
Hexachlorobenzene
Concen: 43.592 ng
RT: 16.901 min Scan# 2317
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45



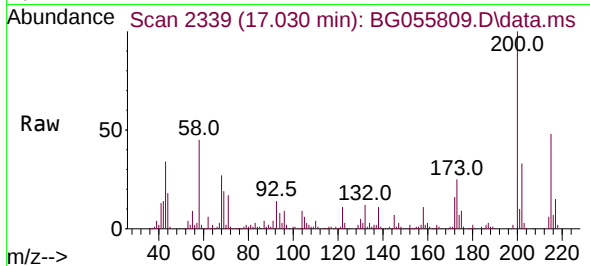
Tgt Ion:284 Resp: 168493
Ion Ratio Lower Upper
284 100
142 28.9 24.8 37.2
249 32.4 25.7 38.5





#69
Atrazine
Concen: 48.038 ng
RT: 17.030 min Scan# 2339
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

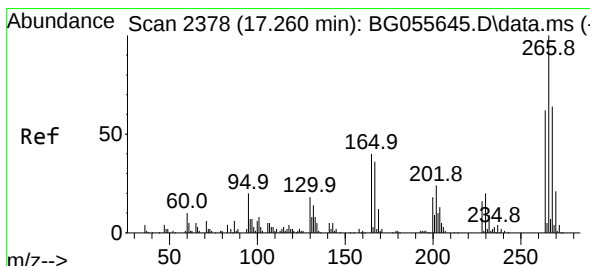
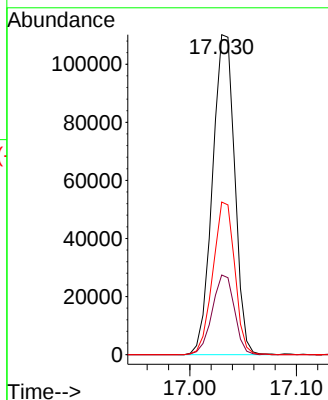
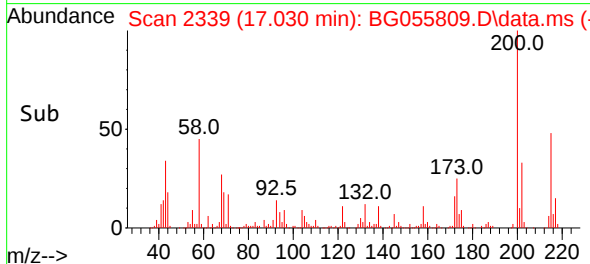
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



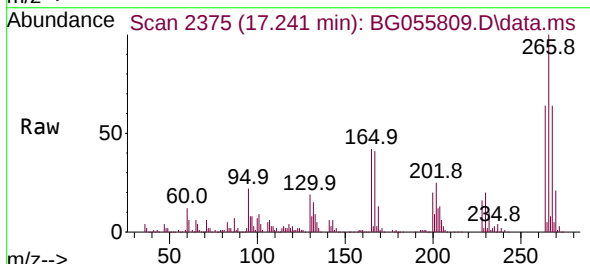
Tgt Ion:200 Resp: 160185
Ion Ratio Lower Upper
200 100
173 24.9 5.6 45.6
215 47.7 27.2 67.2

Manual Integrations
APPROVED

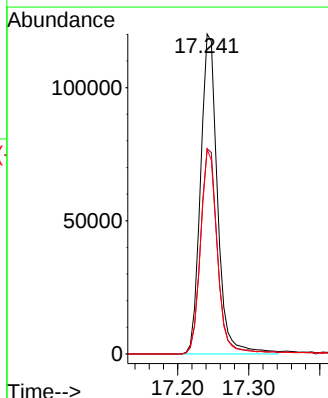
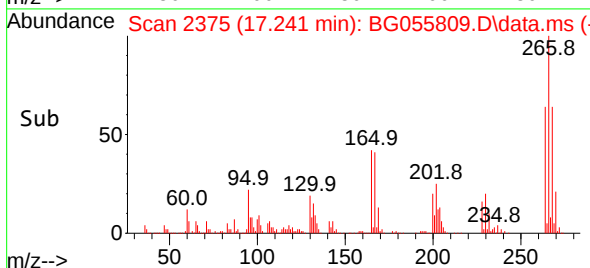
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

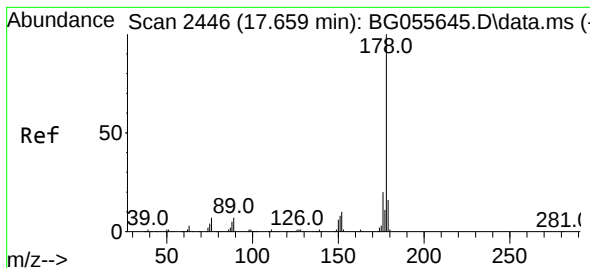


#70
Pentachlorophenol
Concen: 83.967 ng
RT: 17.241 min Scan# 2375
Delta R.T. -0.009 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45



Tgt Ion:266 Resp: 198537
Ion Ratio Lower Upper
266 100
268 64.1 51.2 76.8
264 63.9 49.5 74.3





#71

Phenanthrene

Concen: 42.686 ng

RT: 17.635 min Scan# 2442

Delta R.T. -0.009 min

Lab File: BG055809.D

Acq: 28 Nov 2022 17:45

Instrument :

BNA_G

ClientSampleId :

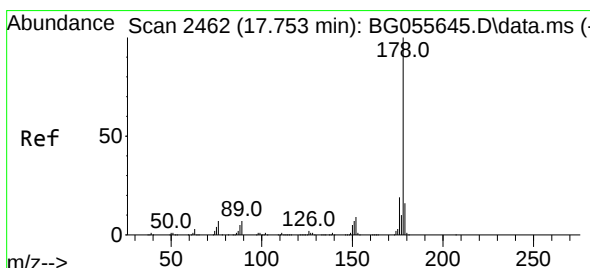
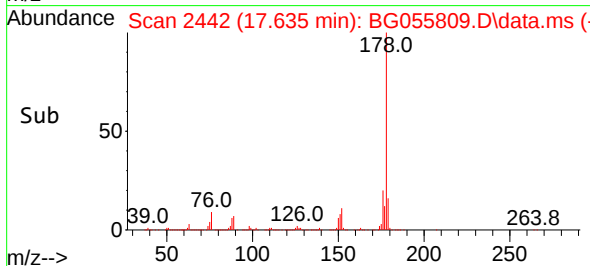
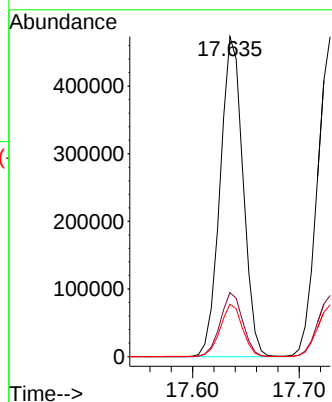
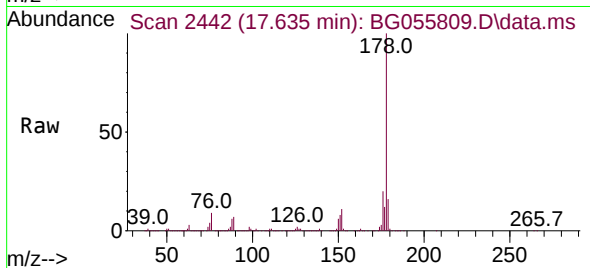
B-12SMSD

Tgt Ion:178 Resp: 704732
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 16.4 12.7 19.1

Manual Integrations

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Reviewed By :Christian Giraldo 11/29/2022
 Supervised By :Jagrut Upadhyay 11/29/2022



#72

Anthracene

Concen: 44.534 ng

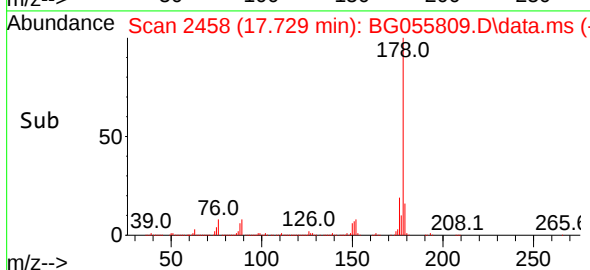
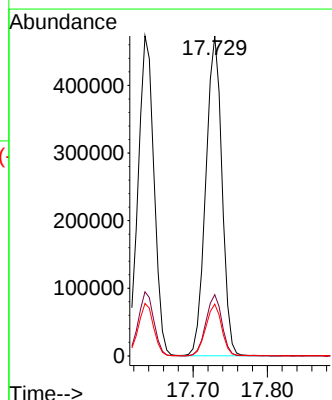
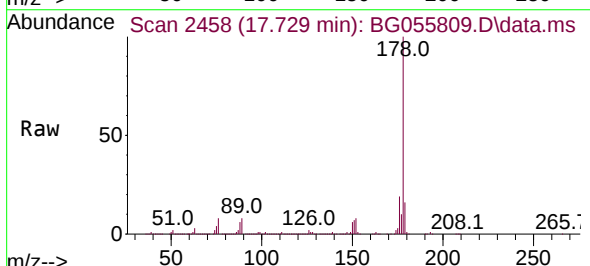
RT: 17.729 min Scan# 2458

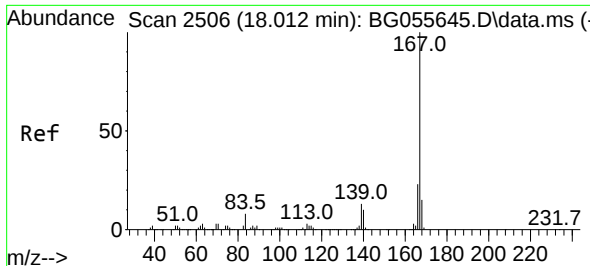
Delta R.T. -0.003 min

Lab File: BG055809.D

Acq: 28 Nov 2022 17:45

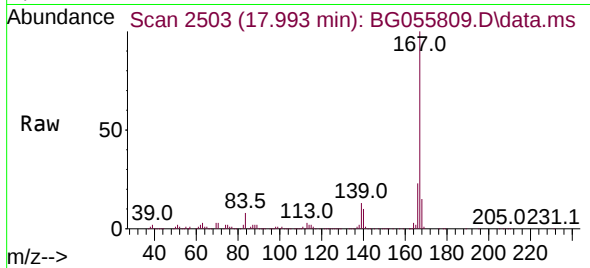
Tgt Ion:178 Resp: 714372
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.5 23.3
 179 16.2 12.5 18.7





#73
Carbazole
Concen: 44.517 ng
RT: 17.993 min Scan# 2503
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

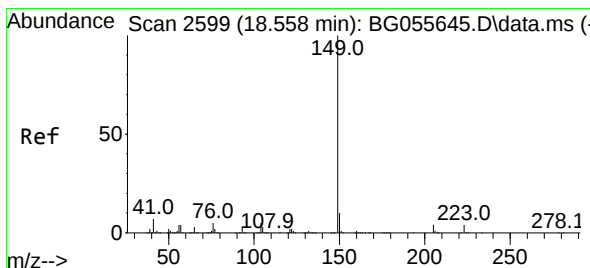
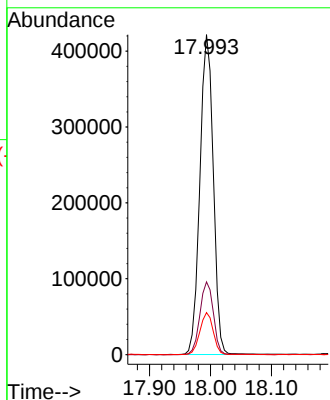
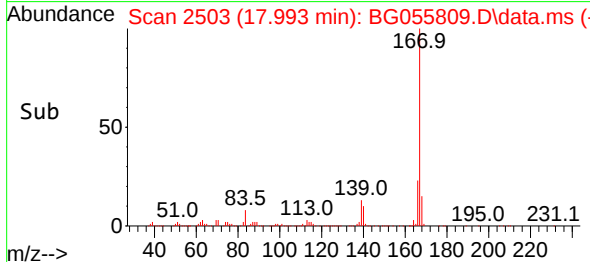
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



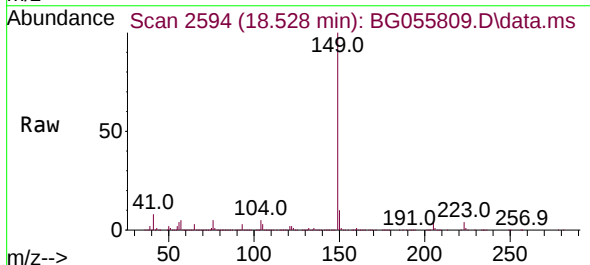
Tgt Ion:167 Resp: 641972
Ion Ratio Lower Upper
167 100
166 22.7 18.2 27.2
139 13.1 10.2 15.4

Manual Integrations
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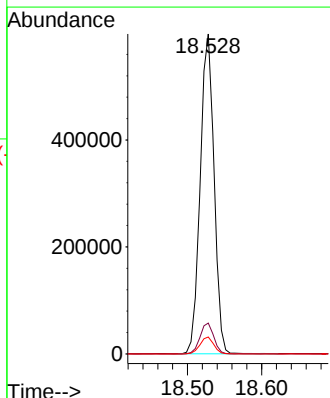
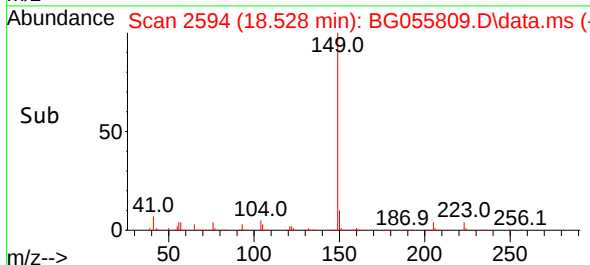
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

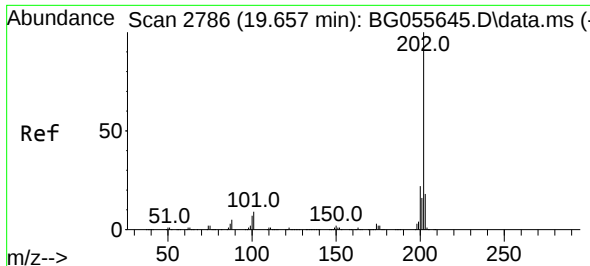


#74
Di-n-butylphthalate
Concen: 43.272 ng
RT: 18.528 min Scan# 2594
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45



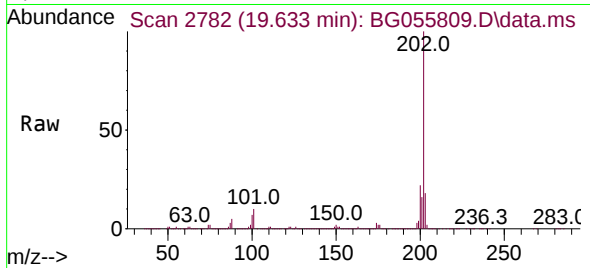
Tgt Ion:149 Resp: 774845
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 5.3 4.0 6.0





#75
Fluoranthene
Concen: 40.947 ng
RT: 19.633 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

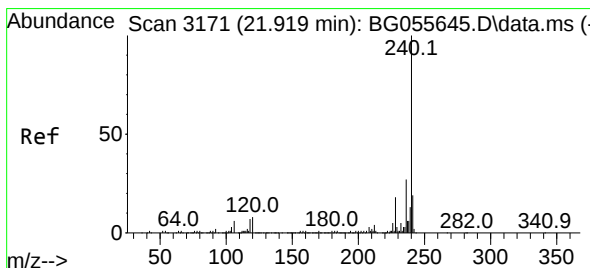
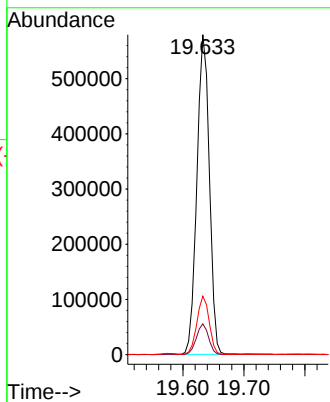
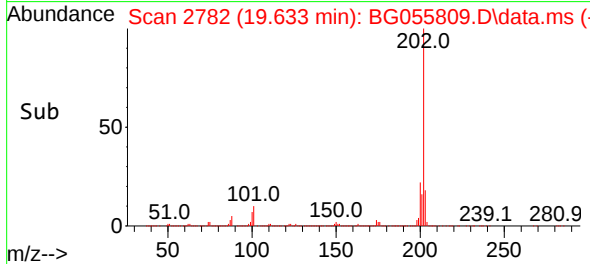
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



Tgt Ion:202 Resp: 822425
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.8
203 18.3 0.0 38.1

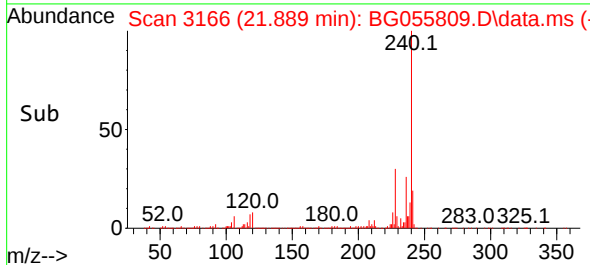
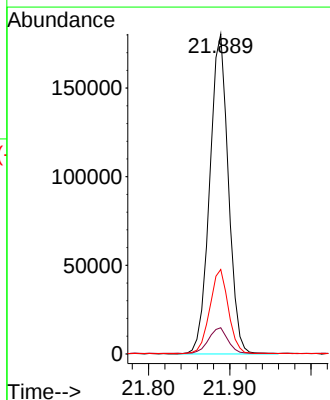
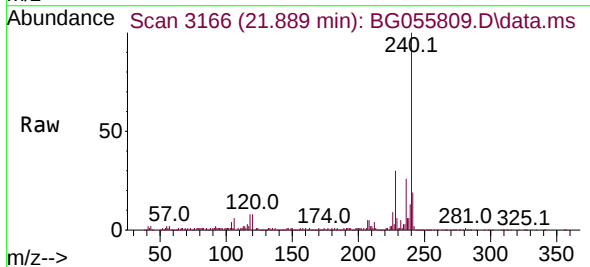
Manual Integrations
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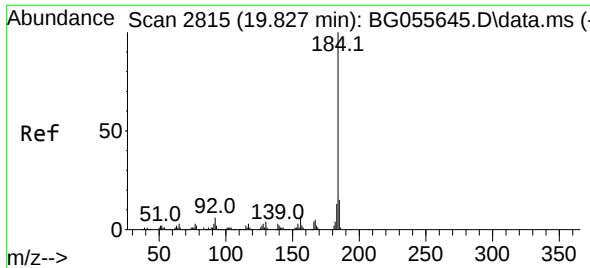
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.889 min Scan# 3166
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

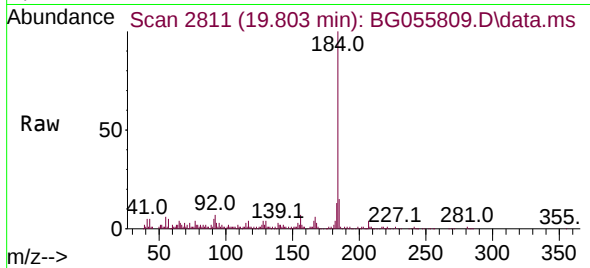
Tgt Ion:240 Resp: 287666
Ion Ratio Lower Upper
240 100
120 8.2 6.3 9.5
236 26.4 21.9 32.9





#77
Benzidine
Concen: 15.769 ng
RT: 19.803 min Scan# 2811
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

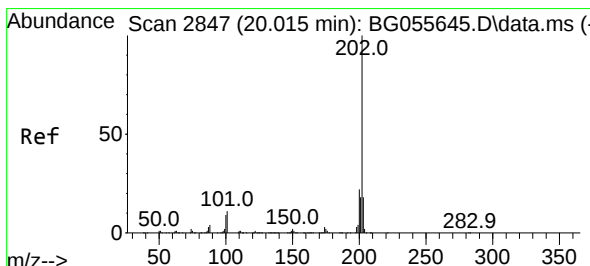
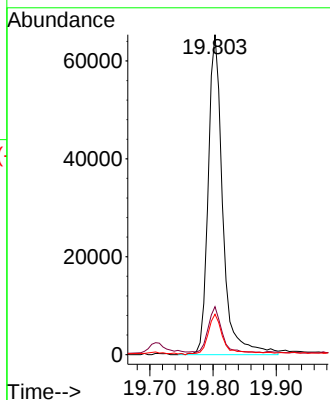
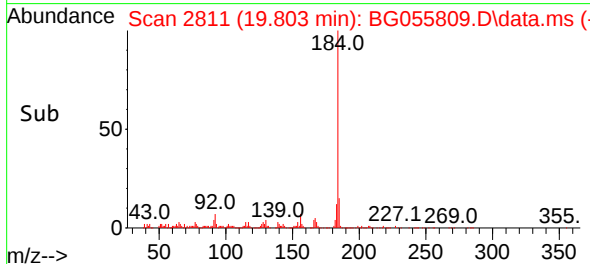
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



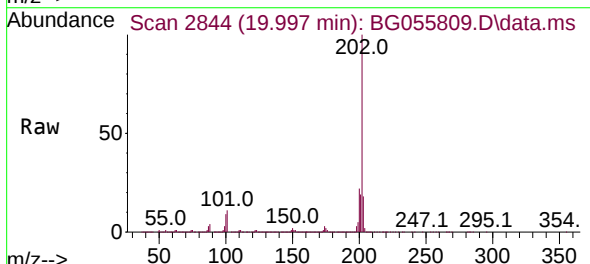
Tgt Ion:184 Resp: 104945
Ion Ratio Lower Upper
184 100
185 15.0 11.8 17.8
183 12.6 10.6 15.8

Manual Integrations
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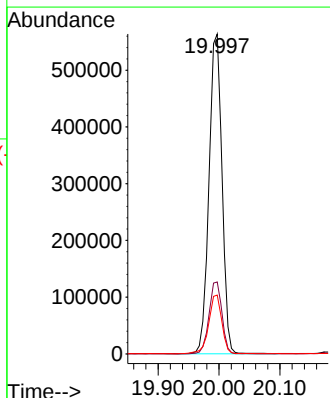
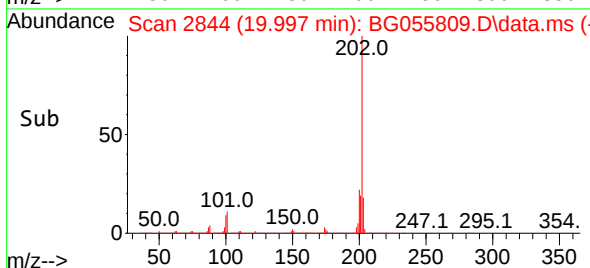
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

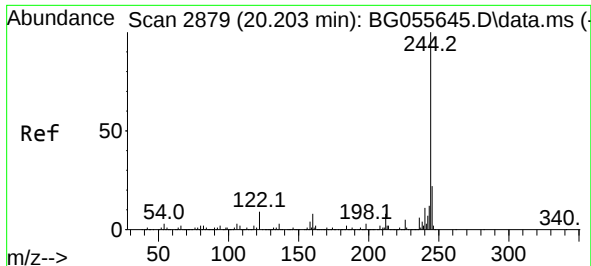


#78
Pyrene
Concen: 42.766 ng
RT: 19.997 min Scan# 2844
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45



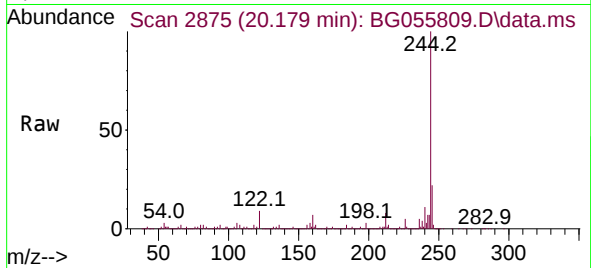
Tgt Ion:202 Resp: 832713
Ion Ratio Lower Upper
202 100
200 22.5 17.8 26.6
203 18.4 14.4 21.6





#79
 Terphenyl-d14
 Concen: 72.067 ng
 RT: 20.179 min Scan# 2879
 Delta R.T. -0.003 min
 Lab File: BG055809.D
 Acq: 28 Nov 2022 17:45

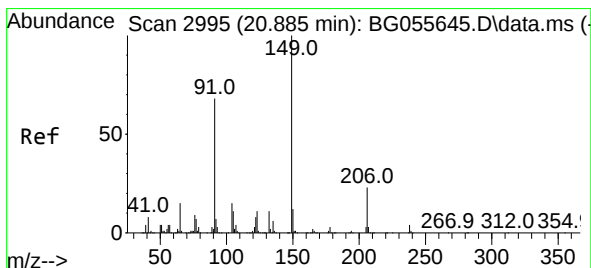
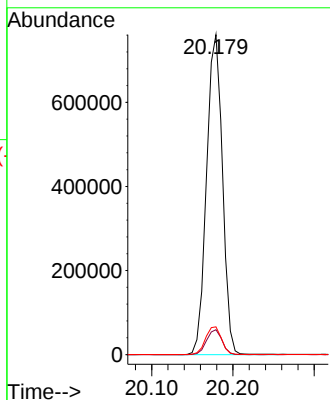
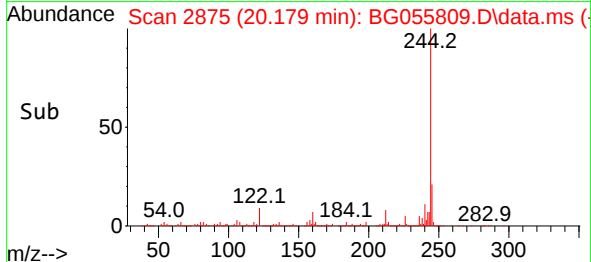
Instrument :
 BNA_G
 ClientSampleId :
 B-12SMSD



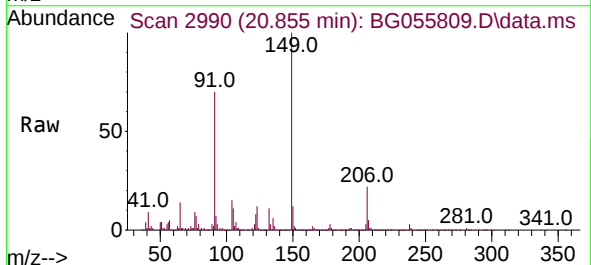
Tgt Ion:244 Resp: 1036502
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.7 6.9 10.3

Manual Integrations
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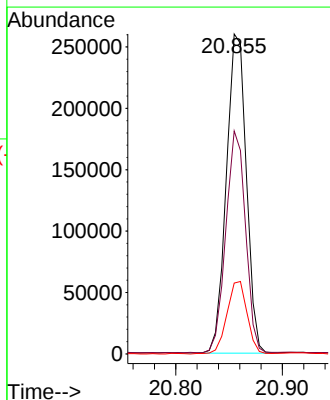
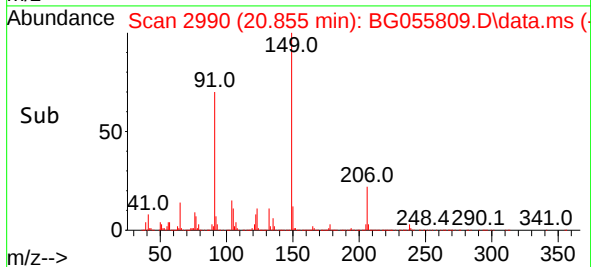
Reviewed By :Christian Giraldo 11/29/2022
 Supervised By :Jagrut Upadhyay 11/29/2022

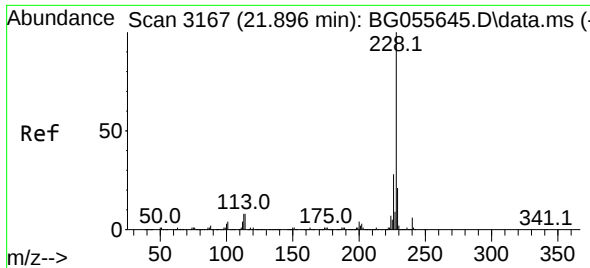


#80
 Butylbenzylphthalate
 Concen: 44.336 ng
 RT: 20.855 min Scan# 2990
 Delta R.T. -0.009 min
 Lab File: BG055809.D
 Acq: 28 Nov 2022 17:45



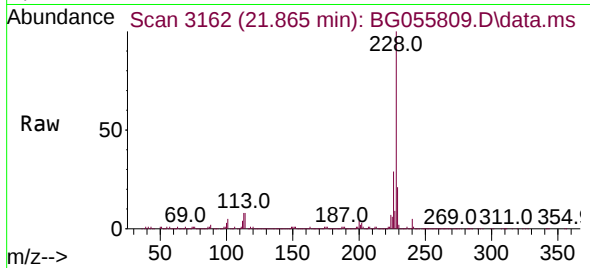
Tgt Ion:149 Resp: 337958
 Ion Ratio Lower Upper
 149 100
 91 69.7 54.6 81.8
 206 22.1 18.3 27.5





#81
Benzo(a)anthracene
Concen: 42.627 ng
RT: 21.865 min Scan# 3162
Delta R.T. -0.009 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

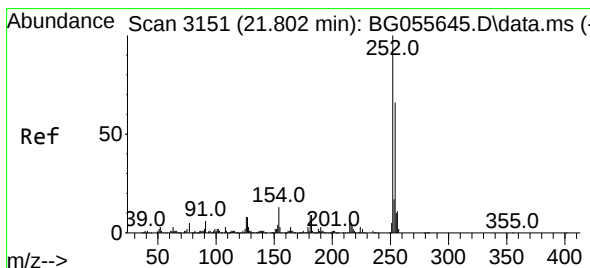
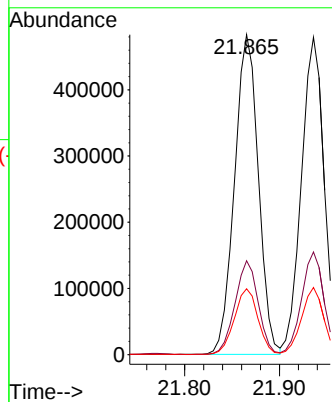
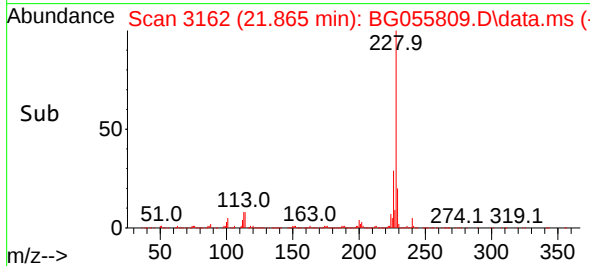
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



Tgt Ion:228 Resp: 844590
Ion Ratio Lower Upper
228 100
226 29.3 22.7 34.1
229 20.6 16.5 24.7

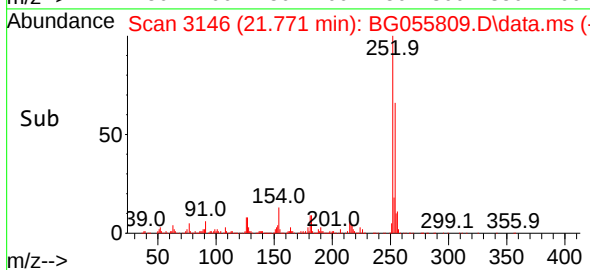
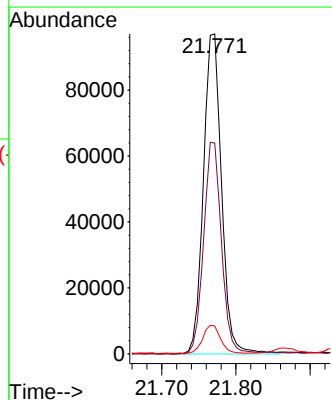
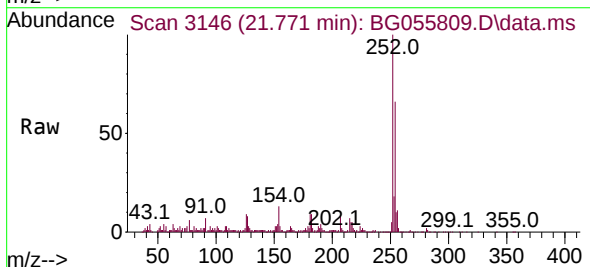
Manual Integrations
APPROVED

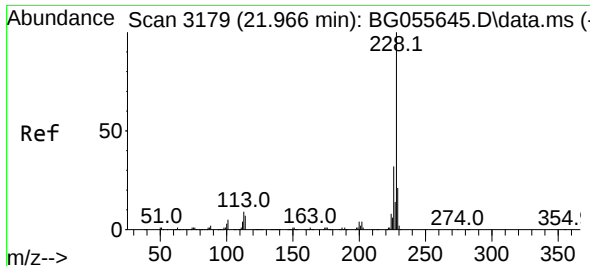
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#82
3,3'-Dichlorobenzidine
Concen: 23.694 ng
RT: 21.771 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

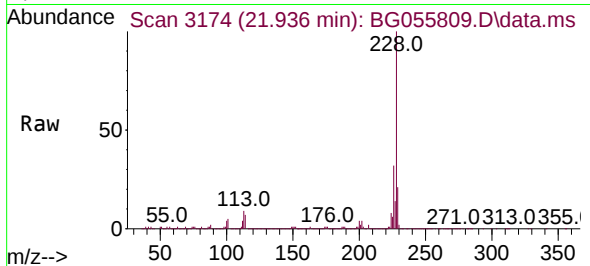
Tgt Ion:252 Resp: 164961
Ion Ratio Lower Upper
252 100
254 65.9 53.0 79.6
126 8.7 6.7 10.1





#83
Chrysene
Concen: 42.218 ng
RT: 21.936 min Scan# 3179
Delta R.T. -0.009 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

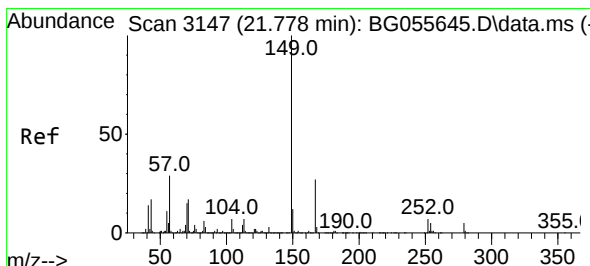
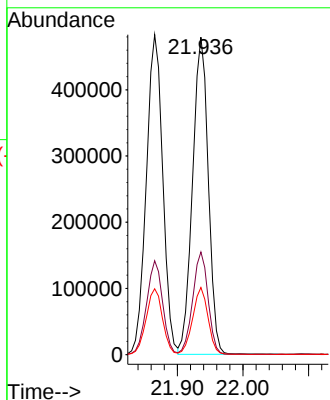
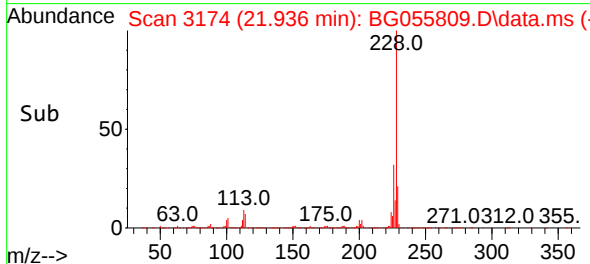
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



Tgt Ion:228 Resp: 796320
Ion Ratio Lower Upper
228 100
226 32.3 25.4 38.2
229 21.2 17.1 25.7

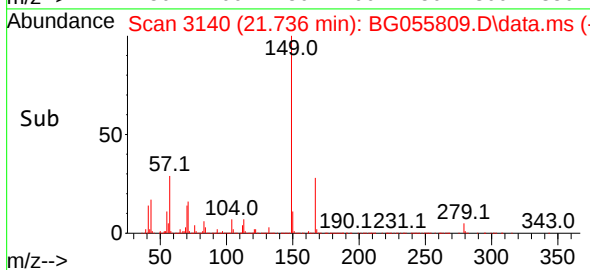
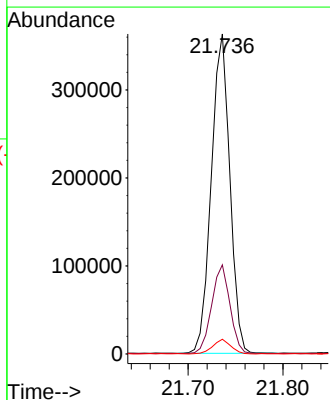
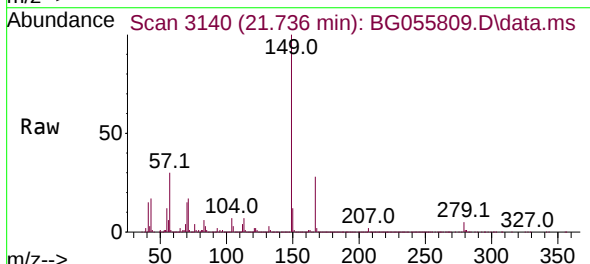
Manual Integrations
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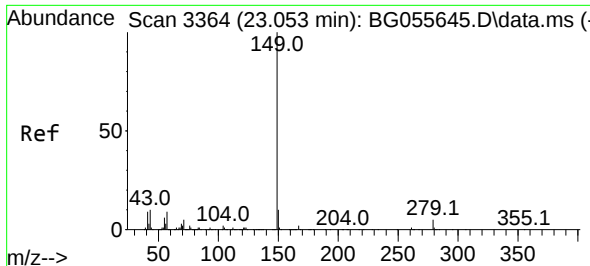
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.983 ng
RT: 21.736 min Scan# 3140
Delta R.T. -0.003 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

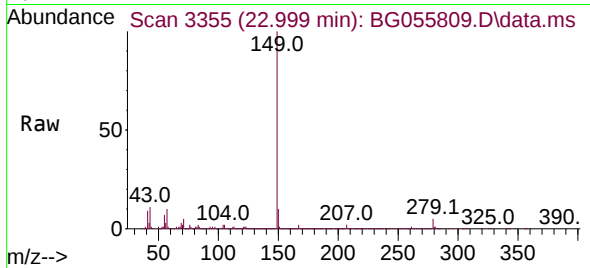
Tgt Ion:149 Resp: 492784
Ion Ratio Lower Upper
149 100
167 27.8 22.0 33.0
279 4.6 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 44.380 ng
RT: 22.999 min Scan# 331
Delta R.T. -0.009 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

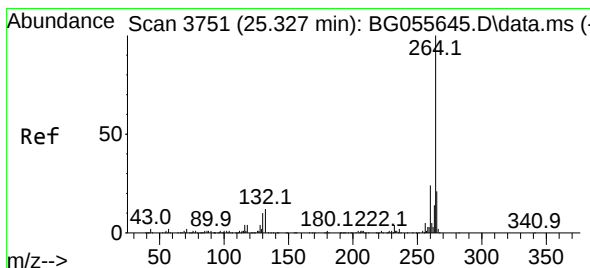
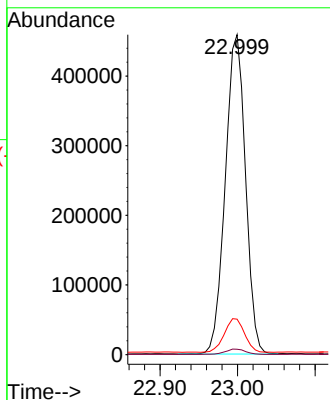
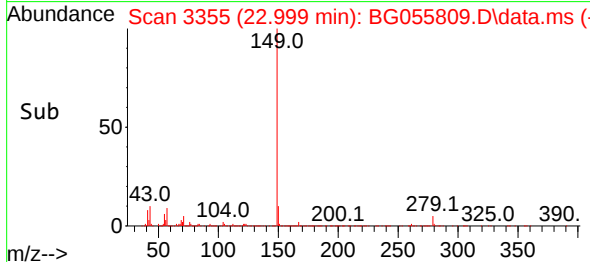
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



Tgt Ion:149 Resp: 832003
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.5 8.4 12.6

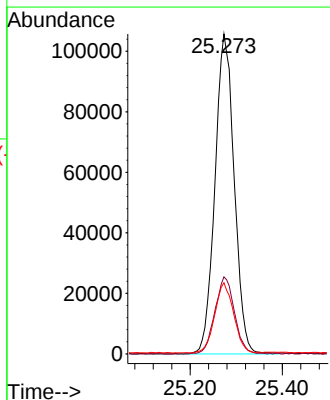
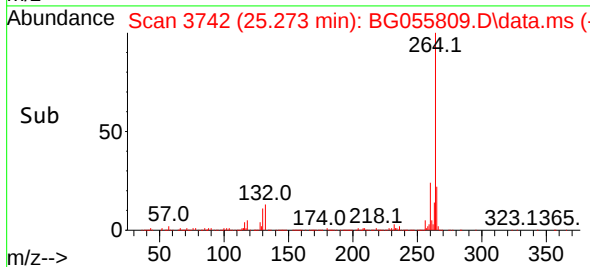
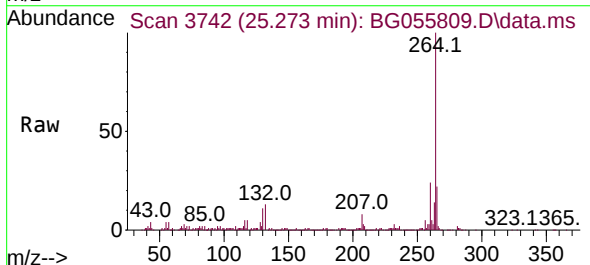
Manual Integrations
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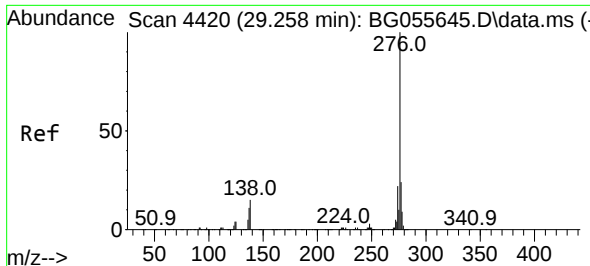
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.273 min Scan# 3742
Delta R.T. -0.015 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

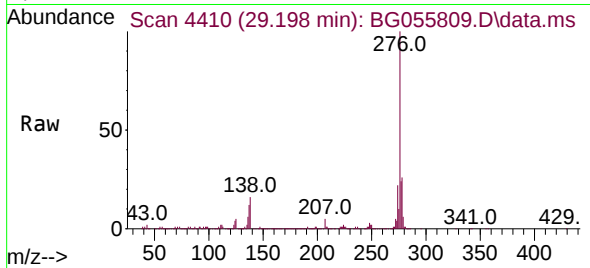
Tgt Ion:264 Resp: 307227
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 22.2 17.1 25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.688 ng
 RT: 29.198 min Scan# 4420
 Delta R.T. -0.015 min
 Lab File: BG055809.D
 Acq: 28 Nov 2022 17:45

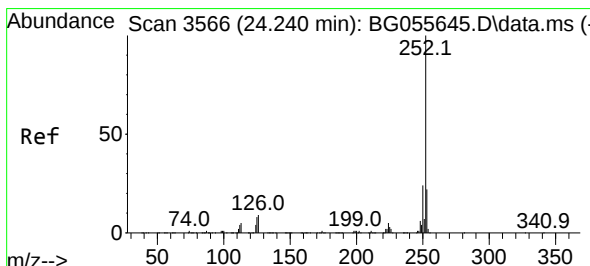
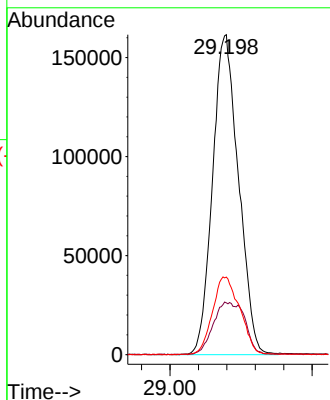
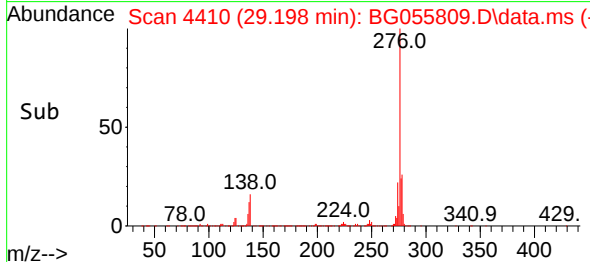
Instrument :
 BNA_G
 ClientSampleId :
 B-12SMSD



Tgt Ion:276 Resp: 1024074
 Ion Ratio Lower Upper
 276 100
 138 13.9 10.4 15.6
 277 25.4 20.2 30.4

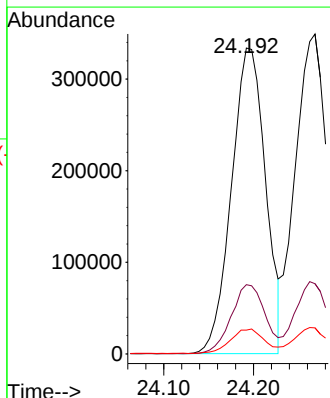
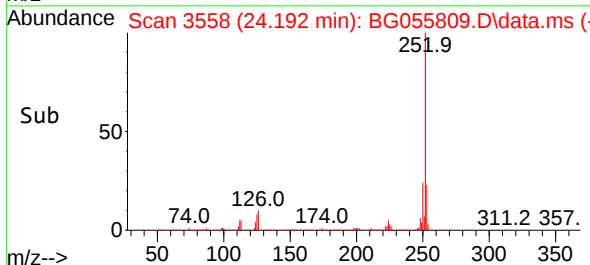
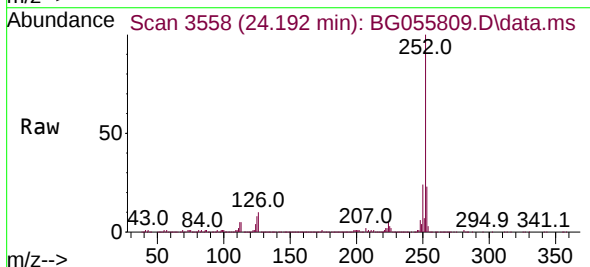
Manual Integrations
 APPROVED

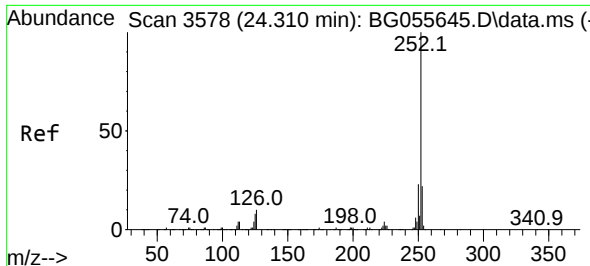
Reviewed By :Christian Giraldo 11/29/2022
 Supervised By :Jagrut Upadhyay 11/29/2022



#88
 Benzo(b)fluoranthene
 Concen: 44.017 ng
 RT: 24.192 min Scan# 3558
 Delta R.T. -0.015 min
 Lab File: BG055809.D
 Acq: 28 Nov 2022 17:45

Tgt Ion:252 Resp: 880711
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.0 27.0
 125 7.8 6.2 9.2





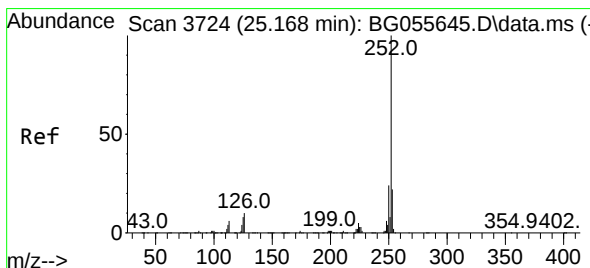
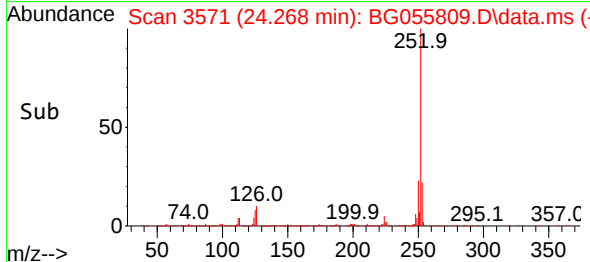
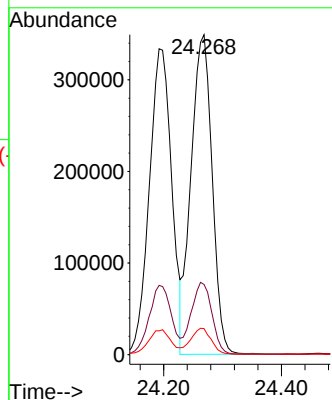
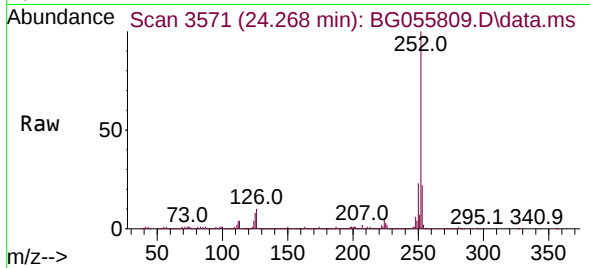
#89
Benzo(k)fluoranthene
Concen: 43.586 ng
RT: 24.268 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

Instrument :
BNA_G
ClientSampleId :
B-12SMSD

Tgt Ion:252 Resp: 869296
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 8.1 6.1 9.1

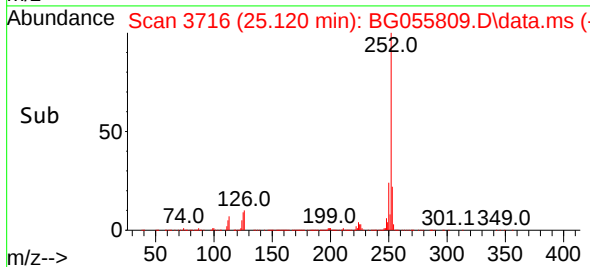
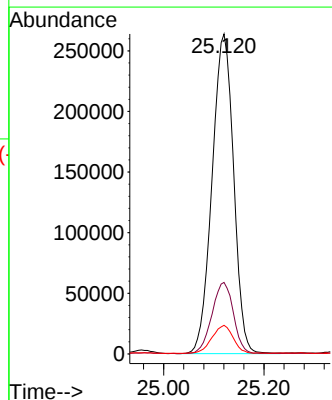
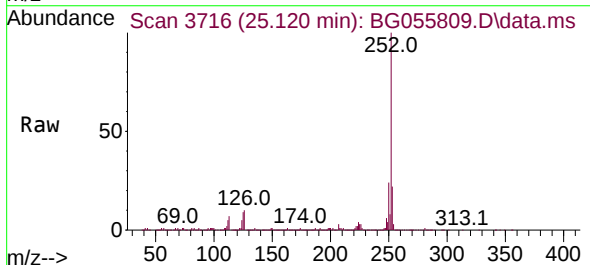
Manual Integrations
APPROVED

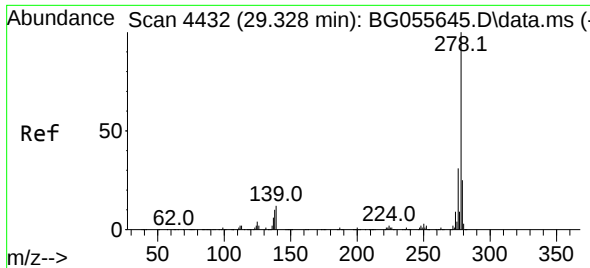
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#90
Benzo(a)pyrene
Concen: 45.758 ng
RT: 25.120 min Scan# 3716
Delta R.T. -0.009 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

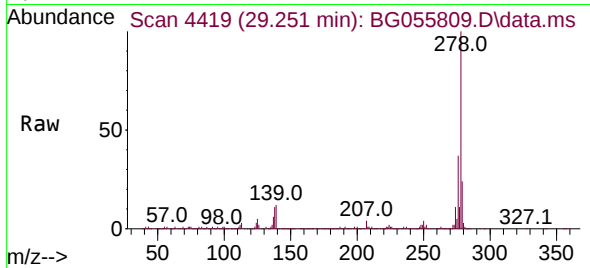
Tgt Ion:252 Resp: 785652
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 8.9 6.4 9.6





#91
Dibenzo(a,h)anthracene
Concen: 41.887 ng
RT: 29.251 min Scan# 4432
Delta R.T. -0.015 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45

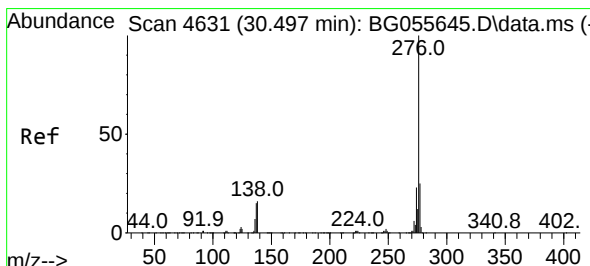
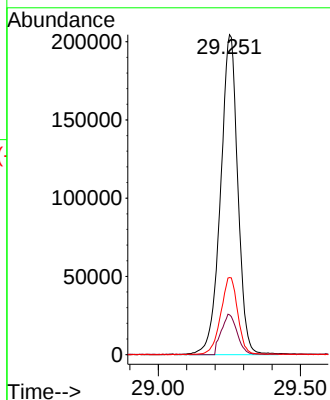
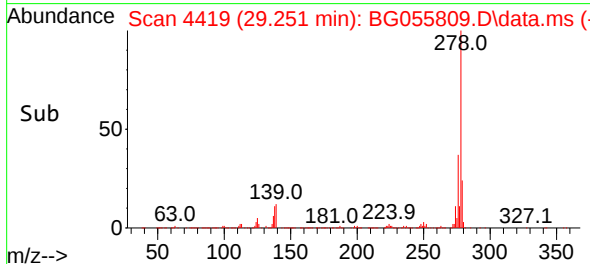
Instrument :
BNA_G
ClientSampleId :
B-12SMSD



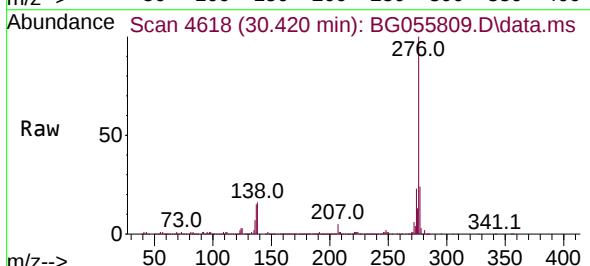
Tgt Ion:278 Resp: 861510
Ion Ratio Lower Upper
278 100
139 12.4 9.8 14.8
279 24.1 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#92
Benzo(g,h,i)perylene
Concen: 41.106 ng
RT: 30.420 min Scan# 4618
Delta R.T. -0.015 min
Lab File: BG055809.D
Acq: 28 Nov 2022 17:45



Tgt Ion:276 Resp: 852105
Ion Ratio Lower Upper
276 100
277 24.1 19.8 29.6
138 16.0 13.1 19.7

