

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
 Data File : BG055619.D
 Acq On : 15 Nov 2022 11:57
 Operator : CG/JU
 Sample : PB148898BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148898BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/16/2022
 Supervised By : Jagrut Upadhyay 11/16/2022

Quant Time: Nov 16 01:39:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 01:36:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	40683	20.000	ng	0.00
21) Naphthalene-d8	11.090	136	188899	20.000	ng	0.00
39) Acenaphthene-d10	14.879	164	149360	20.000	ng	0.00
64) Phenanthrene-d10	17.623	188	376738	20.000	ng	0.00
76) Chrysene-d12	21.924	240	346827	20.000	ng	0.00
86) Perylene-d12	25.343	264	363773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.784	112	292368	136.883	ng	0.00
7) Phenol-d6	7.400	99	394136	133.588	ng	0.00
23) Nitrobenzene-d5	9.433	82	239805	86.061	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	238688	163.786	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	631114	63.737	ng	0.00
79) Terphenyl-d14	20.208	244	1225203	70.954	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.616	88	27087	24.968	ng	90
3) Pyridine	4.033	79	78041	25.872	ng	98
4) n-Nitrosodimethylamine	3.939	42	57841	35.229	ng	98
6) Aniline	7.570	93	135366	34.542	ng	98
8) 2-Chlorophenol	7.817	128	108956	45.565	ng	98
9) Benzaldehyde	7.382	77	25744	11.059	ng	94
10) Phenol	7.423	94	143888	42.364	ng	98
11) bis(2-Chloroethyl)ether	7.664	93	96051	35.125	ng	98
12) 1,3-Dichlorobenzene	8.146	146	110477	36.986	ng	98
13) 1,4-Dichlorobenzene	8.293	146	112177	37.108	ng	99
14) 1,2-Dichlorobenzene	8.616	146	109553	38.161	ng	99
15) Benzyl Alcohol	8.493	79	108763m	42.273	ng	
16) 2,2'-oxybis(1-Chloropr...	8.781	45	180078	34.271	ng	97
17) 2-Methylphenol	8.692	107	100675	42.121	ng	97
18) Hexachloroethane	9.356	117	38712	38.574	ng	96
19) n-Nitroso-di-n-propyla...	9.063	70	90402	37.076	ng	99
20) 3+4-Methylphenols	9.016	107	141160	42.393	ng	99
22) Acetophenone	9.086	105	172442	34.317	ng	99
24) Nitrobenzene	9.474	77	127196	39.678	ng	98
25) Isophorone	9.997	82	254887	35.805	ng	99
26) 2-Nitrophenol	10.191	139	60520	56.771	ng	89
27) 2,4-Dimethylphenol	10.238	122	117063	45.993	ng	100
28) bis(2-Chloroethoxy)met...	10.473	93	141130	36.769	ng	98
29) 2,4-Dichlorophenol	10.725	162	119622	42.766	ng	99
30) 1,2,4-Trichlorobenzene	10.949	180	121551	34.692	ng	98
31) Naphthalene	11.143	128	343539	33.638	ng	99
32) Benzoic acid	10.367	122	82828	51.773	ng	94
33) 4-Chloroaniline	11.236	127	121410	28.440	ng	98
34) Hexachlorobutadiene	11.419	225	80562	34.475	ng	98
35) Caprolactam	12.006	113	44065m	46.212	ng	
36) 4-Chloro-3-methylphenol	12.335	107	138312	41.949	ng	98
37) 2-Methylnaphthalene	12.729	142	267236	34.826	ng	98
38) 1-Methylnaphthalene	12.946	142	253726	33.804	ng	100
40) 1,2,4,5-Tetrachloroben...	13.087	216	152313	34.139	ng	98
41) Hexachlorocyclopentadiene	13.064	237	197559	103.433	ng	96
43) 2,4,6-Trichlorophenol	13.316	196	111516	42.509	ng	98

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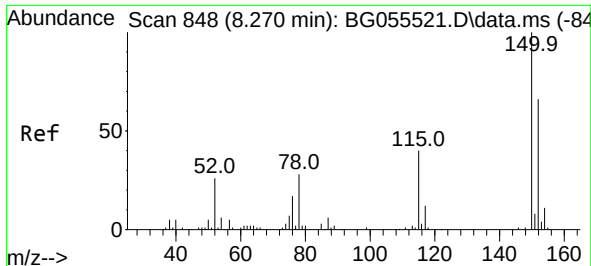
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.393	196	122809	40.893	ng	99
46) 1,1'-Biphenyl	13.722	154	367457	33.628	ng	99
47) 2-Chloronaphthalene	13.769	162	279921	33.167	ng	99
48) 2-Nitroaniline	13.957	65	100464	46.353	ng	95
49) Acenaphthylene	14.609	152	476268	34.105	ng	99
50) Dimethylphthalate	14.327	163	416272	36.678	ng	99
51) 2,6-Dinitrotoluene	14.445	165	85895	43.379	ng	95
52) Acenaphthene	14.944	154	342955m	39.338	ng	
53) 3-Nitroaniline	14.774	138	75816	32.856	ng	# 92
54) 2,4-Dinitrophenol	14.985	184	107973	153.009	ng	# 75
55) Dibenzofuran	15.279	168	475710	34.131	ng	99
56) 4-Nitrophenol	15.073	139	158537	94.335	ng	99
57) 2,4-Dinitrotoluene	15.232	165	126492	48.000	ng	93
58) Fluorene	15.925	166	382195	34.468	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.496	232	120005	43.111	ng	98
60) Diethylphthalate	15.678	149	421512	36.508	ng	99
61) 4-Chlorophenyl-phenylether	15.907	204	212696	36.062	ng	99
62) 4-Nitroaniline	15.937	138	97942	43.527	ng	98
63) Azobenzene	16.201	77	364842	32.600	ng	97
65) 4,6-Dinitro-2-methylph...	15.990	198	72132	56.128	ng	96
66) n-Nitrosodiphenylamine	16.119	169	354029	33.545	ng	99
67) 4-Bromophenyl-phenylether	16.801	248	145502	37.858	ng	98
68) Hexachlorobenzene	16.924	284	160794	35.191	ng	97
69) Atrazine	17.059	200	117064	30.649	ng	100
70) Pentachlorophenol	17.265	266	211613	84.535	ng	98
71) Phenanthrene	17.664	178	670317	33.106	ng	99
72) Anthracene	17.758	178	682755	34.409	ng	99
73) Carbazole	18.023	167	613528	34.213	ng	100
74) Di-n-butylphthalate	18.563	149	733569	35.678	ng	100
75) Fluoranthene	19.662	202	796976	33.008	ng	100
77) Benzidine	19.832	184	353068	37.628	ng	99
78) Pyrene	20.020	202	804355	34.267	ng	100
80) Butylbenzylphthalate	20.890	149	318472	36.490	ng	97
81) Benzo(a)anthracene	21.900	228	794865	33.459	ng	99
82) 3,3'-Dichlorobenzidine	21.806	252	288550	37.217	ng	100
83) Chrysene	21.971	228	751056	33.248	ng	99
84) Bis(2-ethylhexyl)phtha...	21.783	149	454797	38.391	ng	99
85) Di-n-octyl phthalate	23.064	149	769276	37.577	ng	99
87) Indeno(1,2,3-cd)pyrene	29.274	276	943585	34.057	ng	98
88) Benzo(b)fluoranthene	24.251	252	841878	36.526	ng	99
89) Benzo(k)fluoranthene	24.321	252	816723	34.660	ng	98
90) Benzo(a)pyrene	25.185	252	743288	37.437	ng	99
91) Dibenzo(a,h)anthracene	29.351	278	803840	35.049	ng	99
92) Benzo(g,h,i)perylene	30.526	276	786470	35.079	ng	98

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



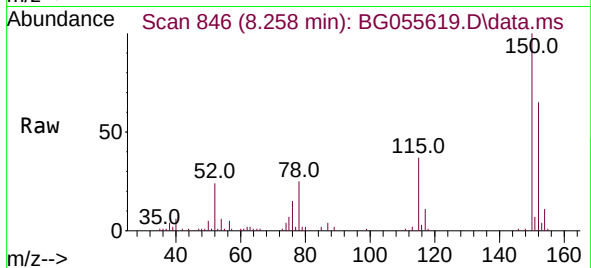
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.258 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: BG055619.D
 Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB148898BS

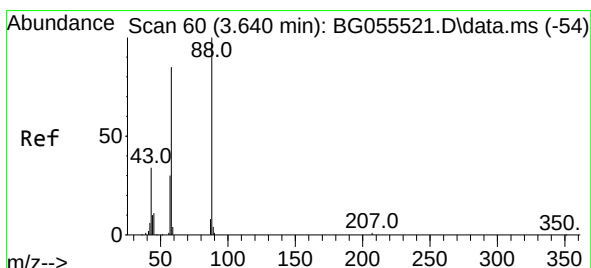
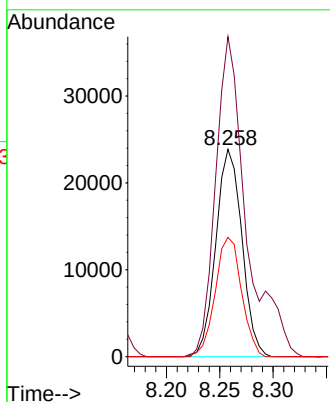
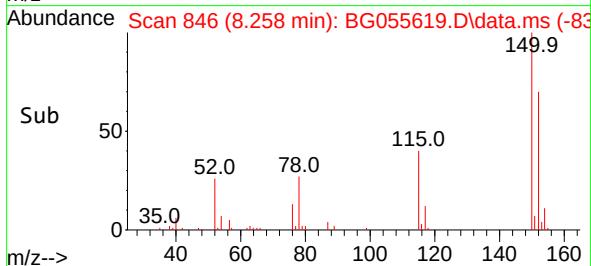


Tgt Ion:152 Resp: 40683
 Ion Ratio Lower Upper
 152 100
 150 154.3 121.0 181.4
 115 57.5 47.8 71.8

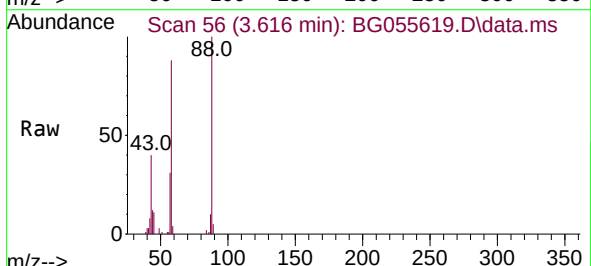
Manual Integrations

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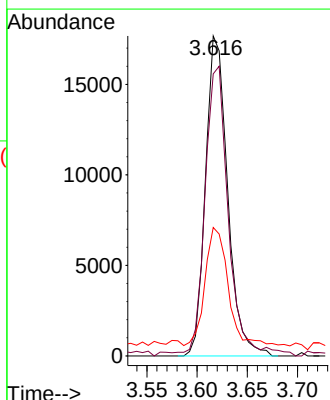
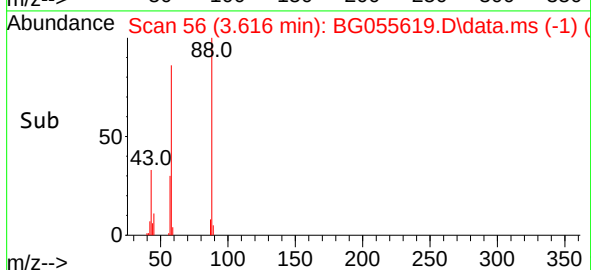
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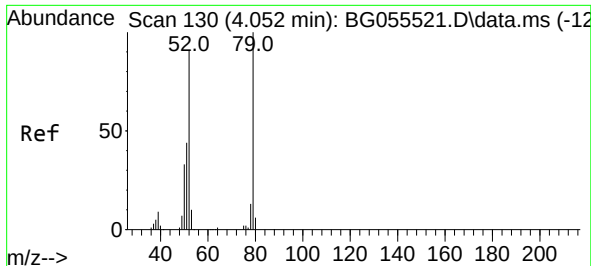


#2
 1,4-Dioxane
 Concen: 24.968 ng
 RT: 3.616 min Scan# 56
 Delta R.T. -0.009 min
 Lab File: BG055619.D
 Acq: 15 Nov 2022 11:57



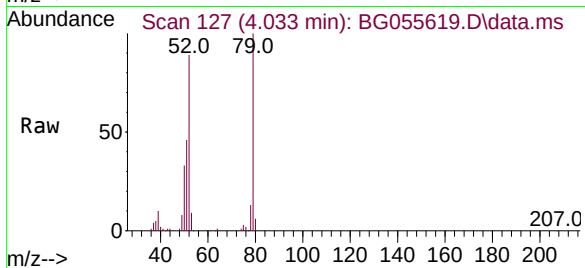
Tgt Ion: 88 Resp: 27087
 Ion Ratio Lower Upper
 88 100
 58 95.9 68.9 103.3
 43 38.6 27.1 40.7





#3
Pyridine
Concen: 25.872 ng
RT: 4.033 min Scan# 110
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

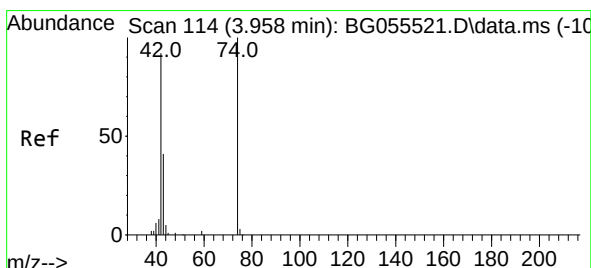
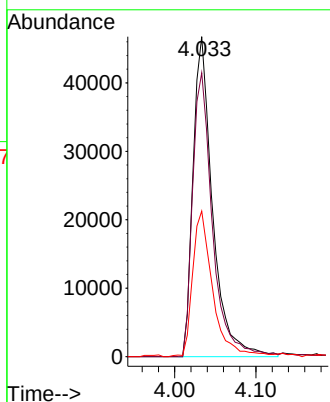
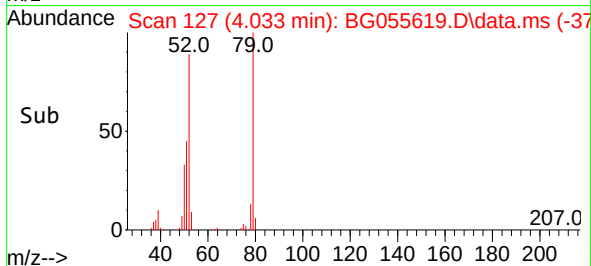
Instrument :
BNA_G
ClientSampleId :
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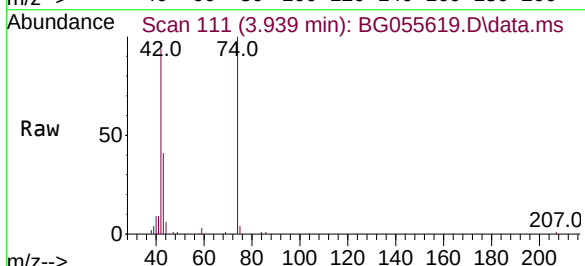
Tgt Ion: 79 Resp: 78041
Ion Ratio Lower Upper
79 100
52 88.7 72.7 109.1
51 45.5 36.0 54.0

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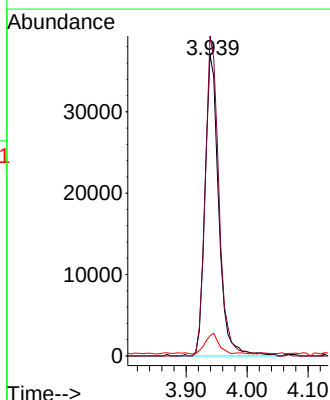
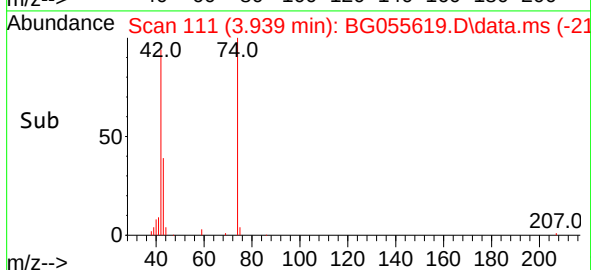
Reviewed By :Christian Giraldo 11/16/2022
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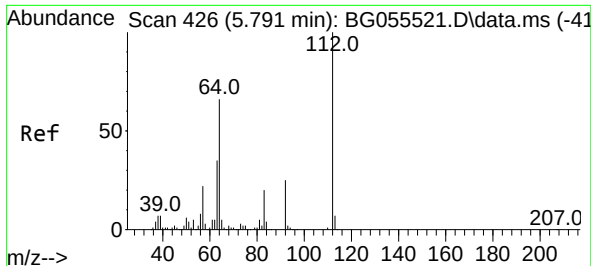


#4
n-Nitrosodimethylamine
Concen: 35.229 ng
RT: 3.939 min Scan# 111
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57



Tgt Ion: 42 Resp: 57841
Ion Ratio Lower Upper
42 100
74 106.4 87.1 130.7
44 6.7 5.6 8.4





#5
2-Fluorophenol
Concen: 136.883 ng
RT: 5.784 min Scan# 426
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

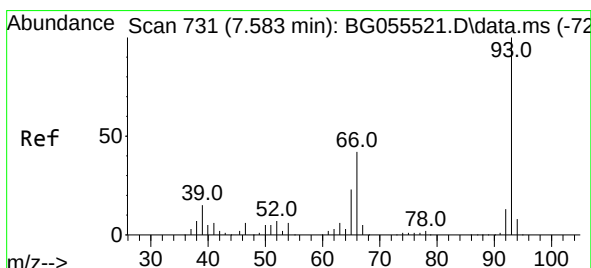
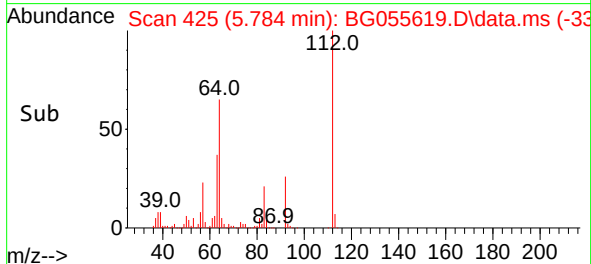
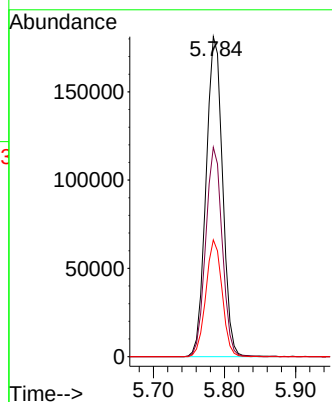
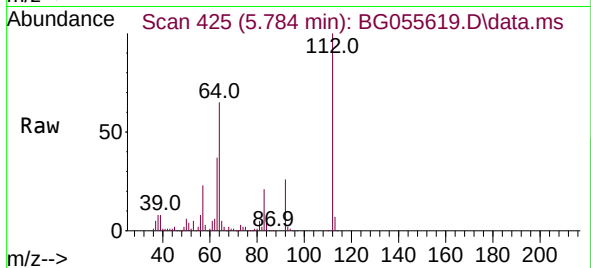
PB148898BS

Tgt Ion:112 Resp: 292368
Ion Ratio Lower Upper
112 100
64 65.4 52.6 78.8
63 36.5 28.3 42.5

Manual Integrations

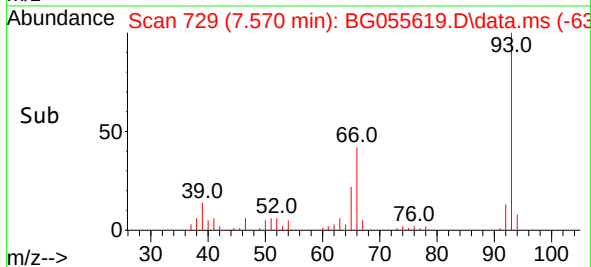
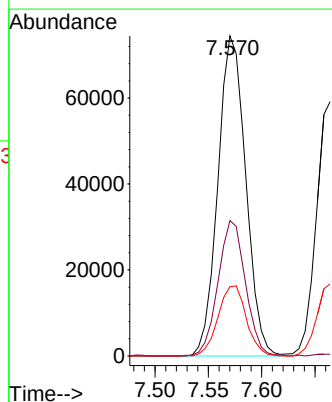
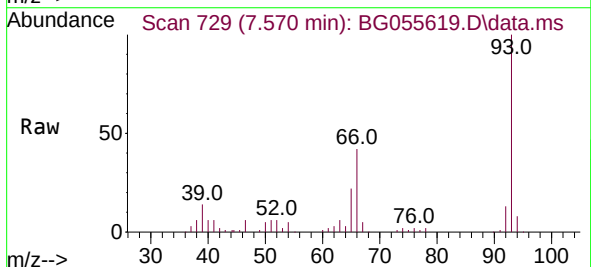
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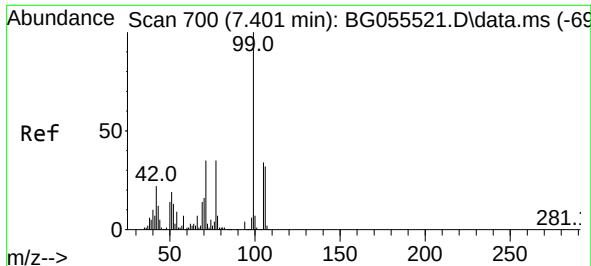
Reviewed By :Christian Giraldo 11/16/2022
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#6
Aniline
Concen: 34.542 ng
RT: 7.570 min Scan# 729
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

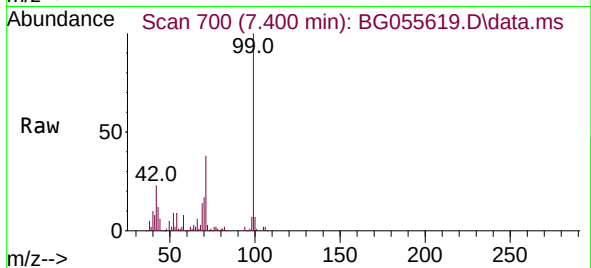
Tgt Ion: 93 Resp: 135366
Ion Ratio Lower Upper
93 100
66 42.3 33.2 49.8
65 21.6 18.1 27.1





#7
Phenol-d6
Concen: 133.588 ng
RT: 7.400 min Scan# 700
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

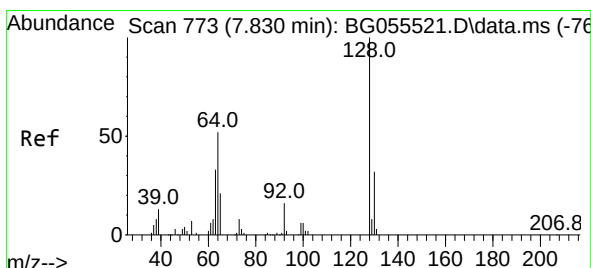
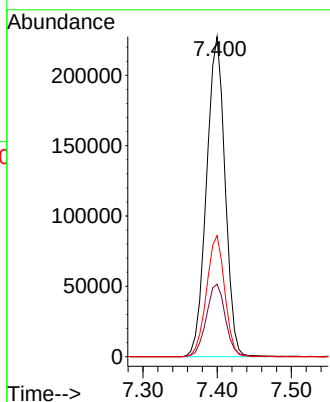
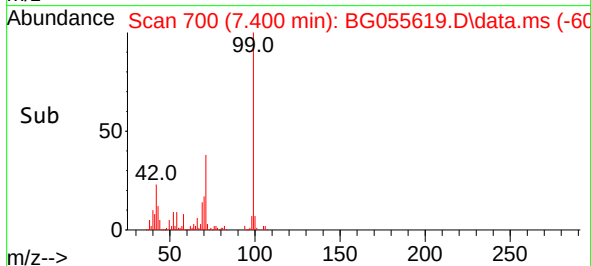
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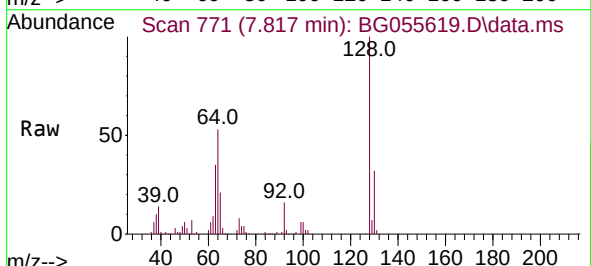
Tgt Ion: 99 Resp: 394136
Ion Ratio Lower Upper
99 100
42 22.6 17.5 26.3
71 37.8 28.3 42.5

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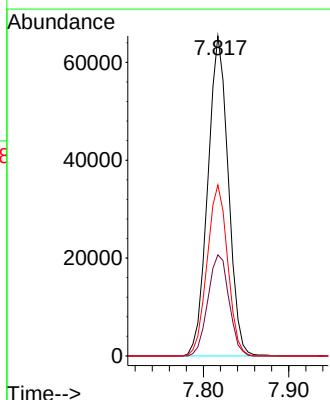
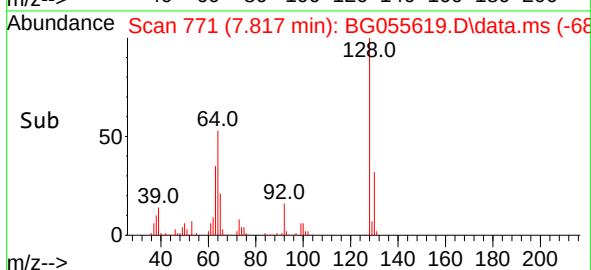
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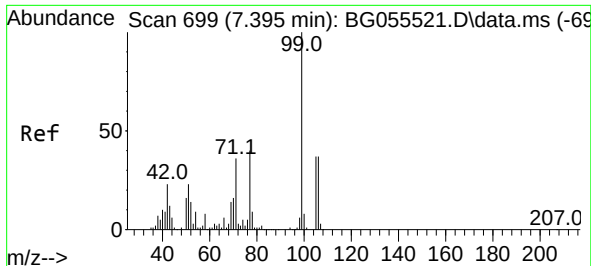


#8
2-Chlorophenol
Concen: 45.565 ng
RT: 7.817 min Scan# 771
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57



Tgt Ion:128 Resp: 108956
Ion Ratio Lower Upper
128 100
130 31.6 12.2 52.2
64 53.4 35.5 75.5





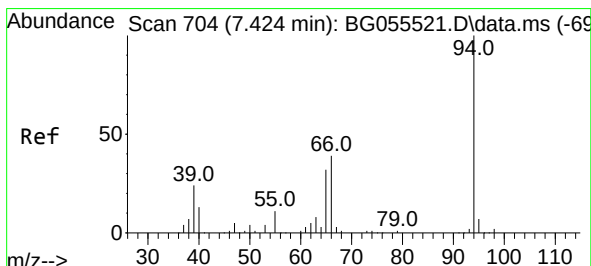
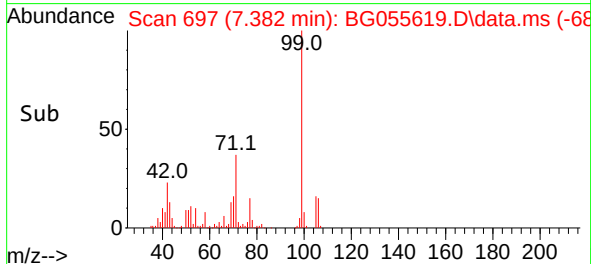
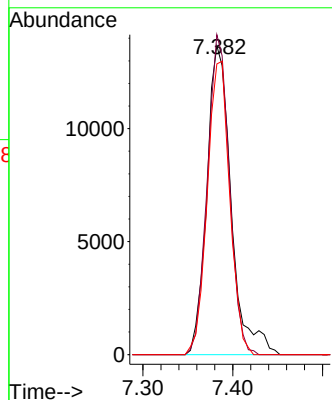
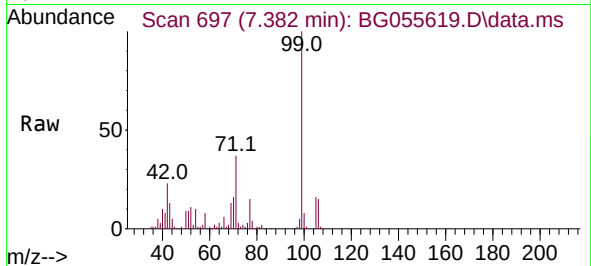
#9
Benzaldehyde
Concen: 11.059 ng
RT: 7.382 min Scan# 699
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :
BNA_G
ClientSampleId :
PB148898BS

Tgt Ion: 77 Resp: 25744
Ion Ratio Lower Upper
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105 103.6 73.9 113.9
106 94.1 73.1 113.1

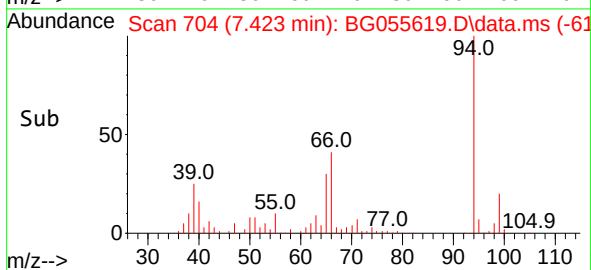
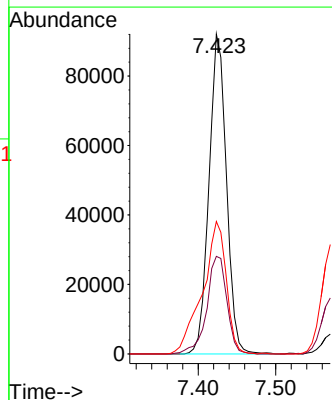
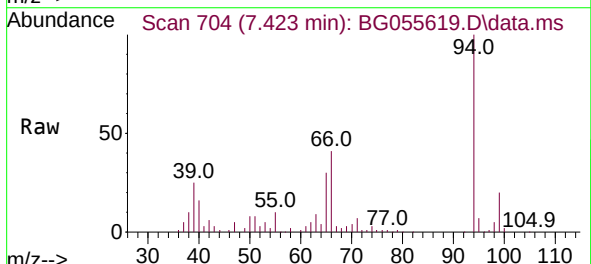
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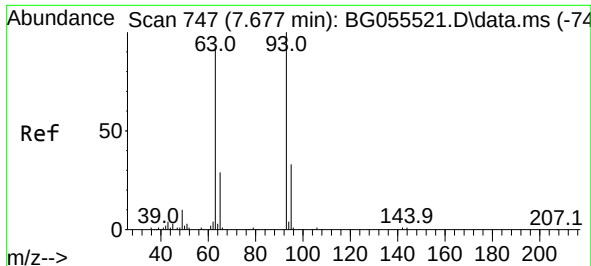
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#10
Phenol
Concen: 42.364 ng
RT: 7.423 min Scan# 704
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

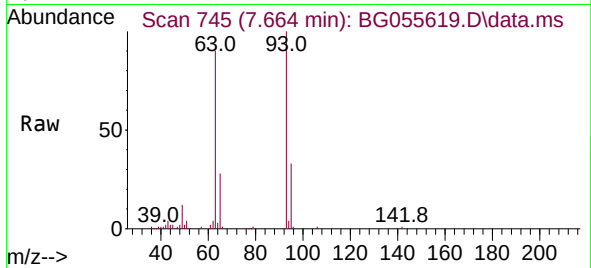
Tgt Ion: 94 Resp: 143888
Ion Ratio Lower Upper
94 100
65 30.5 11.9 51.9
66 41.4 20.3 60.3





#11
bis(2-Chloroethyl)ether
Concen: 35.125 ng
RT: 7.664 min Scan# 74
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

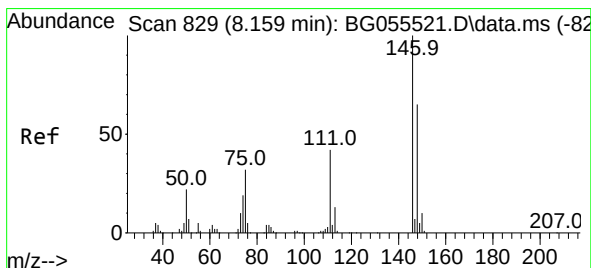
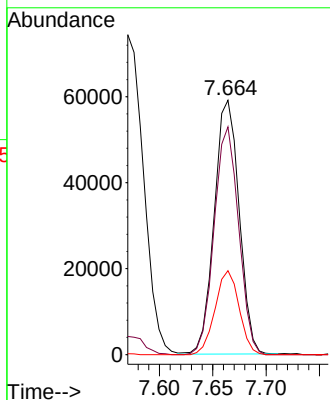
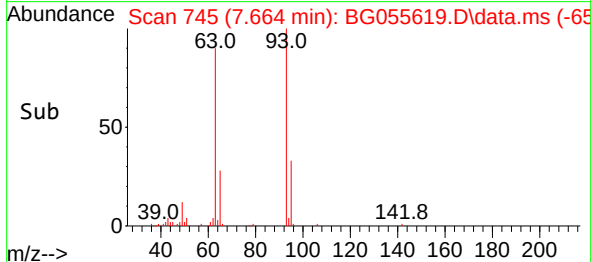
Instrument :
BNA_G
ClientSampleId :
PB148898BS



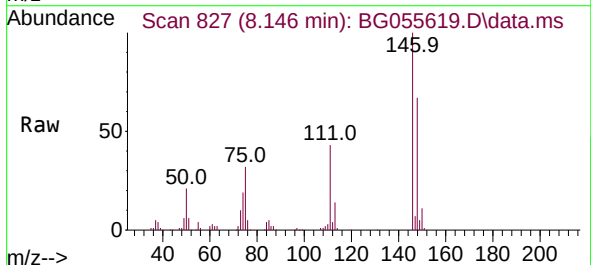
Tgt Ion: 93 Resp: 9605
Ion Ratio Lower Upper
93 100
63 89.5 71.2 111.2
95 33.0 12.4 52.4

Manual Integrations
APPROVED

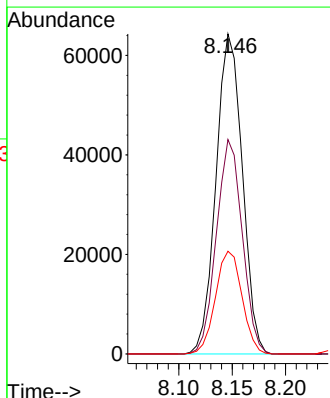
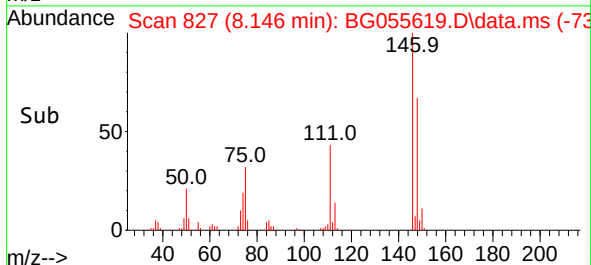
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

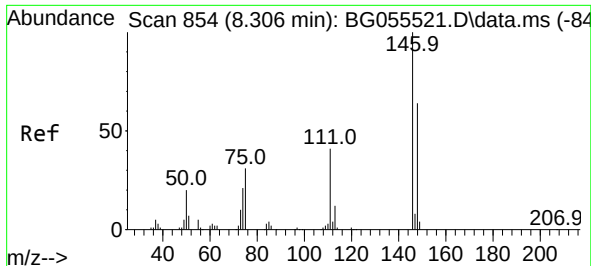


#12
1,3-Dichlorobenzene
Concen: 36.986 ng
RT: 8.146 min Scan# 827
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57



Tgt Ion:146 Resp: 110477
Ion Ratio Lower Upper
146 100
148 67.0 52.2 78.4
75 32.1 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 37.108 ng

RT: 8.293 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG055619.D

Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

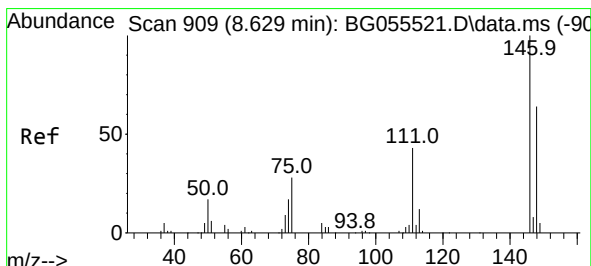
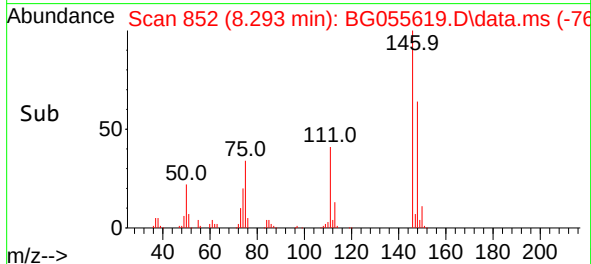
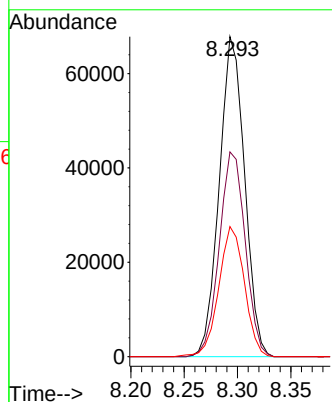
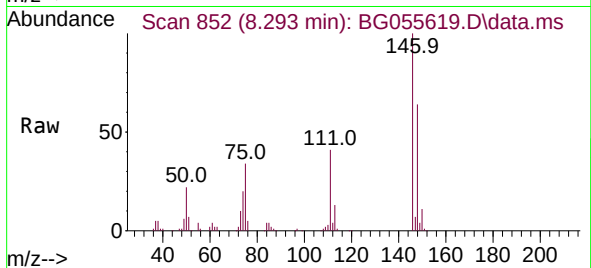
PB148898BS

Tgt Ion:	146	Resp:	11217
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.0	76.6
111	40.6	33.0	49.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#14

1,2-Dichlorobenzene

Concen: 38.161 ng

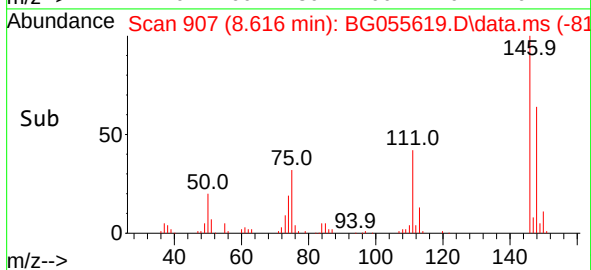
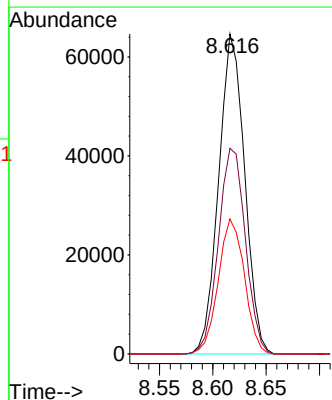
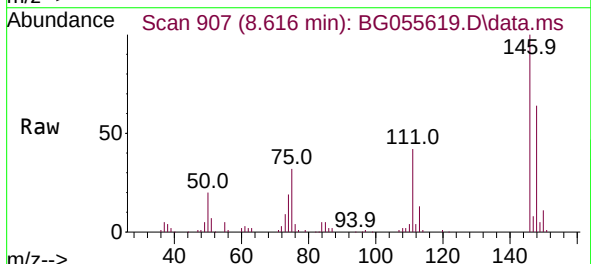
RT: 8.616 min Scan# 907

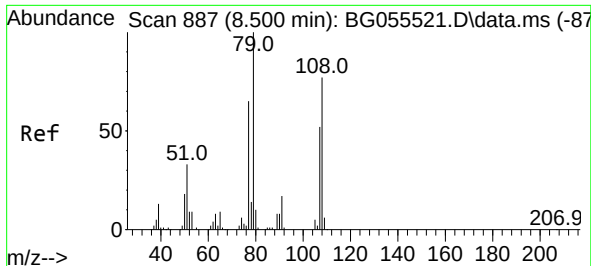
Delta R.T. -0.003 min

Lab File: BG055619.D

Acq: 15 Nov 2022 11:57

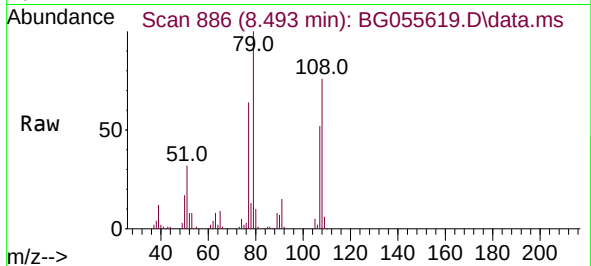
Tgt Ion:	146	Resp:	109553
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.8	77.6
111	42.2	34.6	52.0





#15
Benzyl Alcohol
Concen: 42.273 ng m
RT: 8.493 min Scan# 887
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

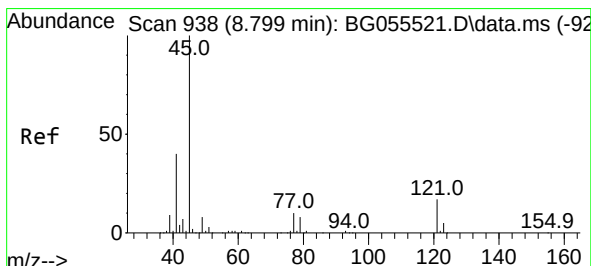
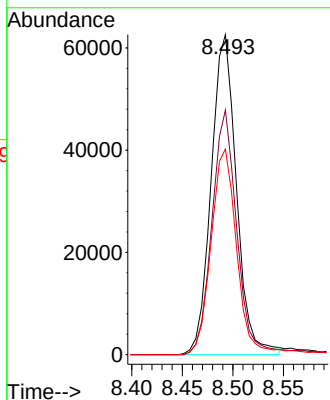
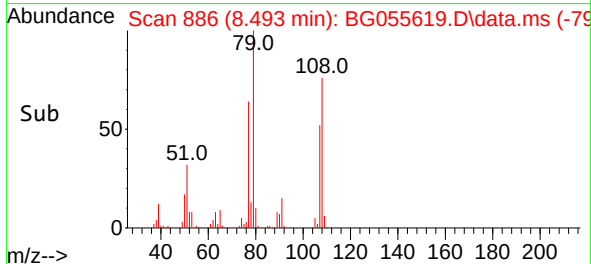
Instrument :
BNA_G
ClientSampleId :
PB148898BS



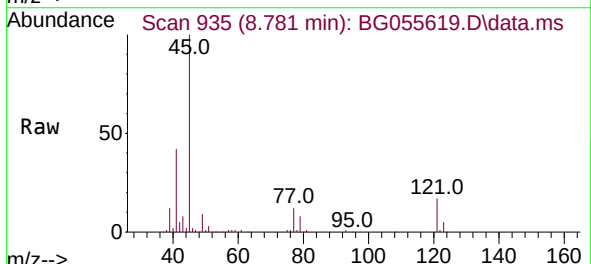
Tgt Ion: 79 Resp: 108763
Ion Ratio Lower Upper
79 100
108 76.4 61.8 92.6
77 64.2 52.4 78.6

Manual Integrations
APPROVED

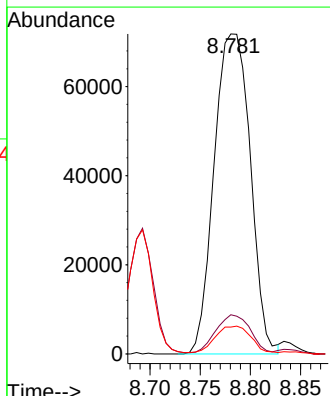
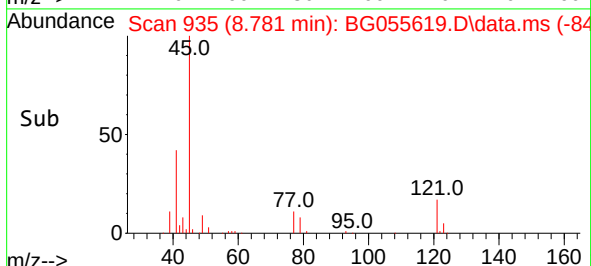
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

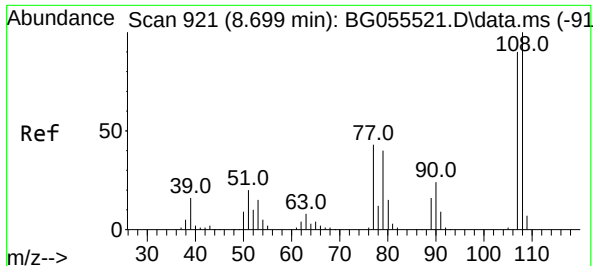


#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.271 ng
RT: 8.781 min Scan# 935
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57



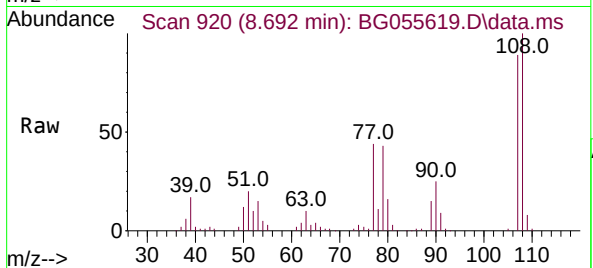
Tgt Ion: 45 Resp: 180078
Ion Ratio Lower Upper
45 100
77 12.2 0.0 30.4
79 8.4 0.0 28.3





#17
2-Methylphenol
Concen: 42.121 ng
RT: 8.692 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

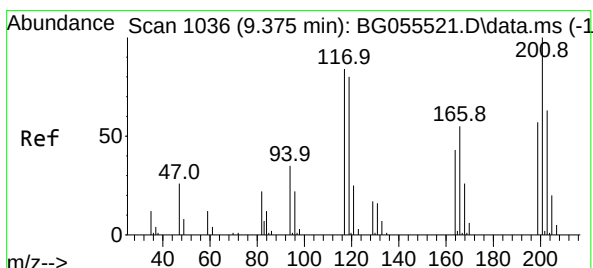
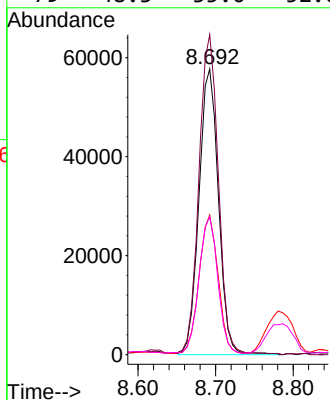
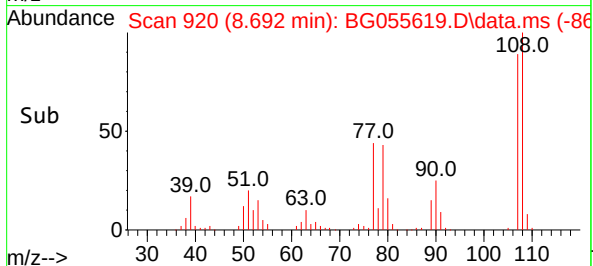
Instrument :
BNA_G
ClientSampleId :
PB148898BS



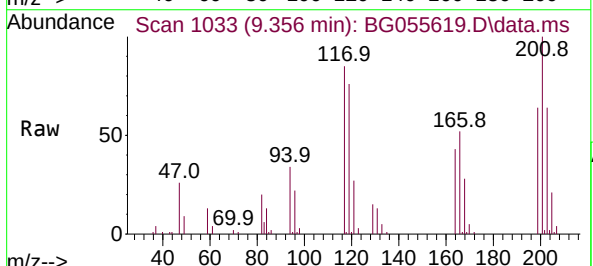
Tgt Ion:107 Resp: 100675
Ion Ratio Lower Upper
107 100
108 112.1 88.6 132.8
77 48.9 38.2 57.2
79 48.3 35.0 52.6

Manual Integrations
APPROVED

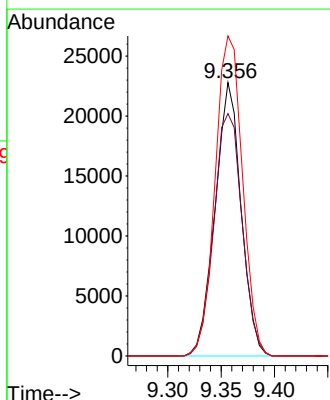
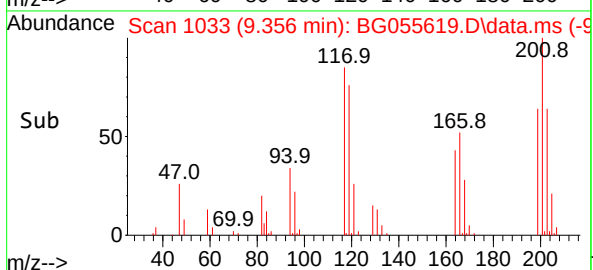
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

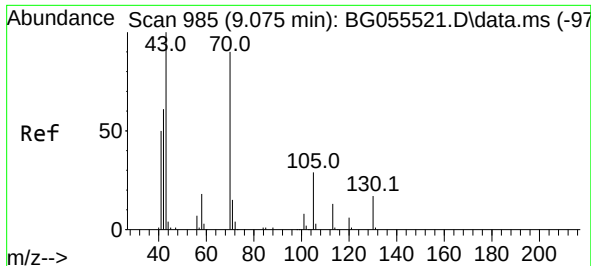


#18
Hexachloroethane
Concen: 38.574 ng
RT: 9.356 min Scan# 1033
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57



Tgt Ion:117 Resp: 38712
Ion Ratio Lower Upper
117 100
119 87.4 77.3 115.9
201 118.2 94.8 142.2





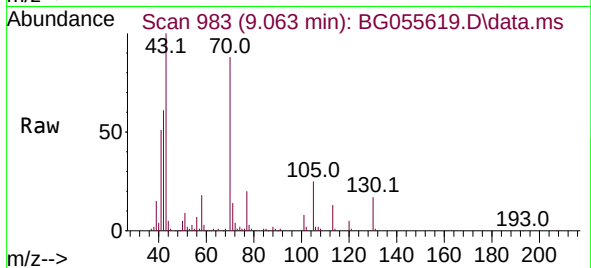
#19
n-Nitroso-di-n-propylamine
Concen: 37.076 ng
RT: 9.063 min Scan# 985
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB148898BS

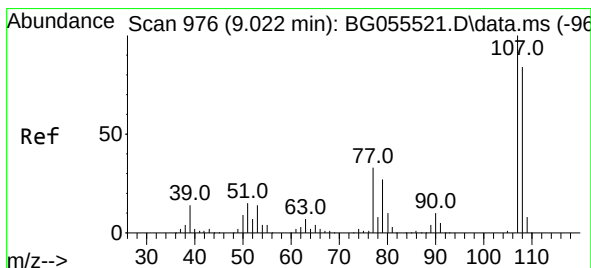
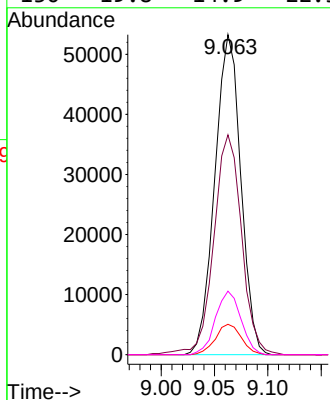
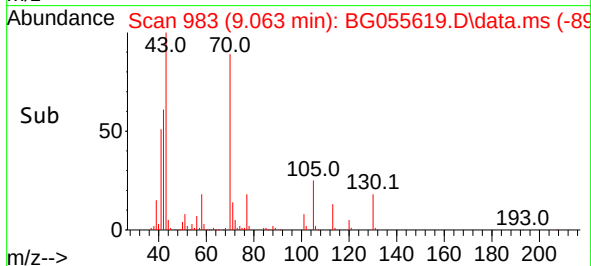


Tgt Ion: 70 Resp: 90402
Ion Ratio Lower Upper
70 100
42 68.7 54.8 82.2
101 9.5 6.8 10.2
130 19.8 14.9 22.3

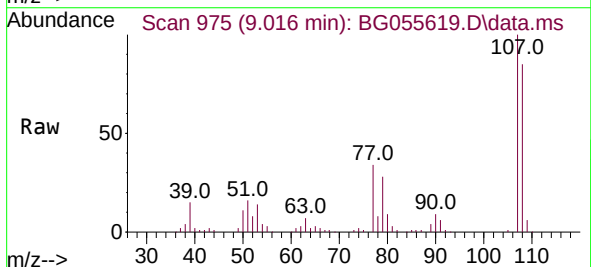
Manual Integrations

APPROVED

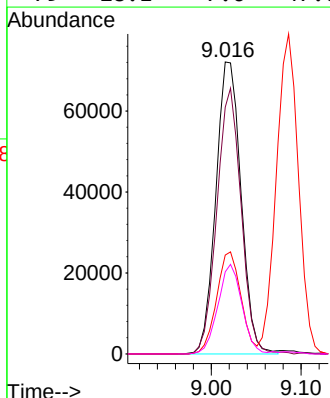
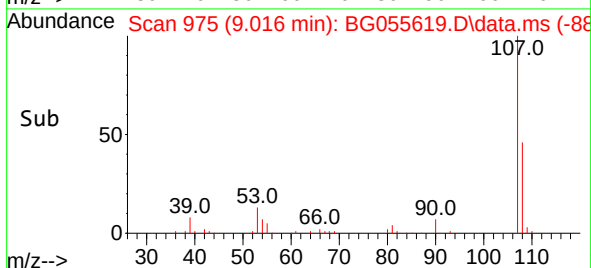
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

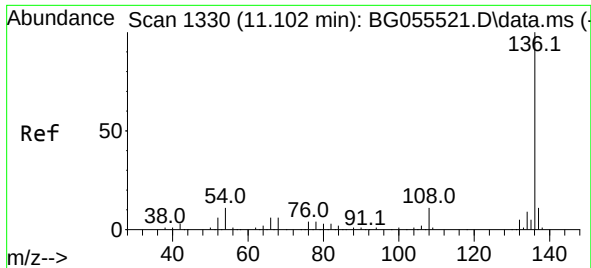


#20
3+4-Methylphenols
Concen: 42.393 ng
RT: 9.016 min Scan# 975
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57



Tgt Ion:107 Resp: 141160
Ion Ratio Lower Upper
107 100
108 84.5 63.9 103.9
77 33.8 13.2 53.2
79 28.1 7.6 47.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.090 min Scan# 1330
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

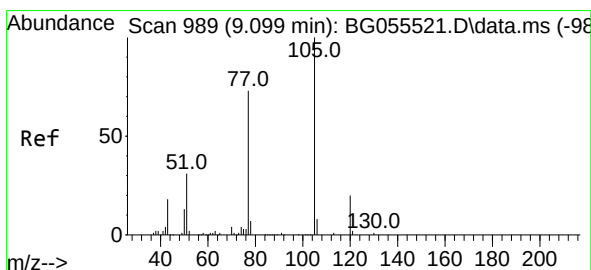
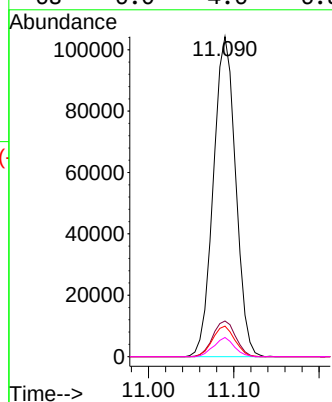
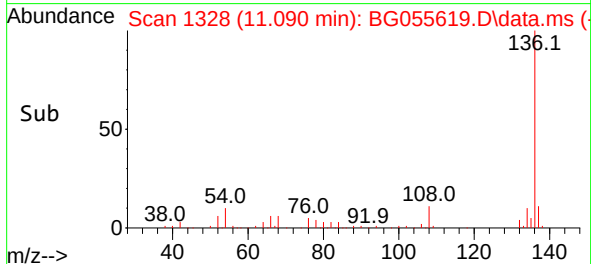
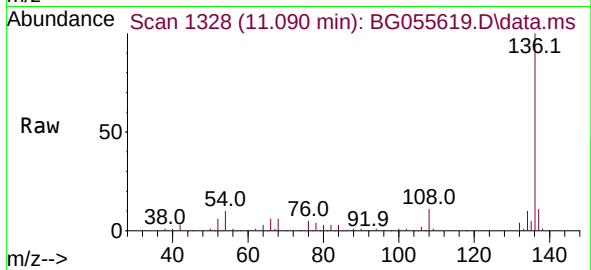
PB148898BS

Tgt Ion:136 Resp: 188899
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.6 8.6 12.8
68 6.0 4.6 6.8

Manual Integrations

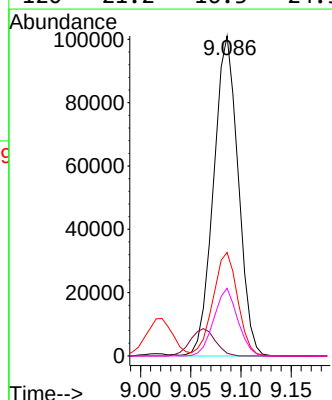
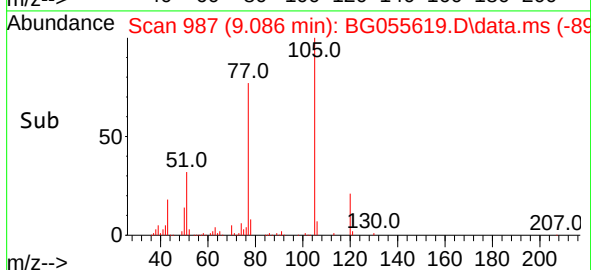
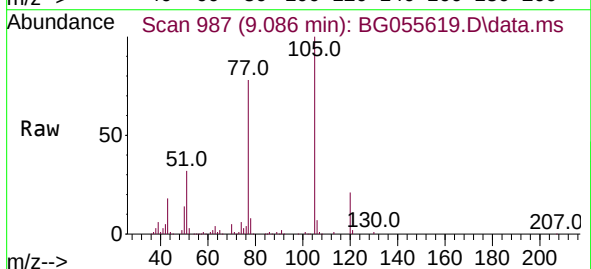
APPROVED

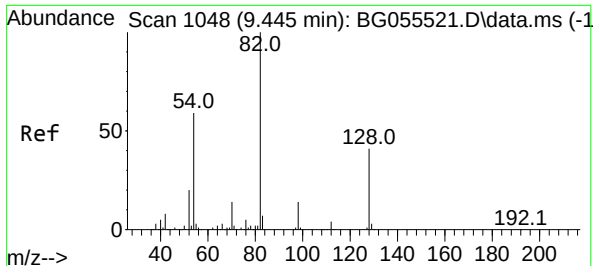
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#22
Acetophenone
Concen: 34.317 ng
RT: 9.086 min Scan# 987
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Tgt Ion:105 Resp: 172442
Ion Ratio Lower Upper
105 100
71 0.8 0.8 1.2
51 32.3 26.5 39.7
120 21.2 16.3 24.5





#23

Nitrobenzene-d5

Concen: 86.061 ng

RT: 9.433 min Scan# 1046

Delta R.T. 0.003 min

Lab File: BG055619.D

Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB148898BS

Tgt Ion: 82 Resp: 239805

Ion Ratio Lower Upper

82 100

128 42.4 32.6 49.0

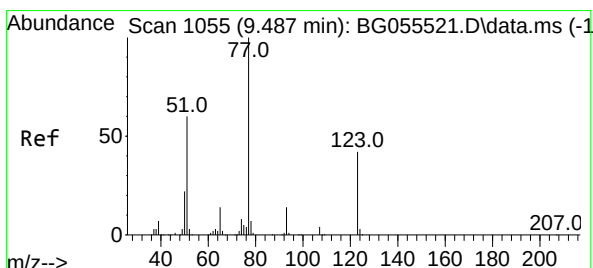
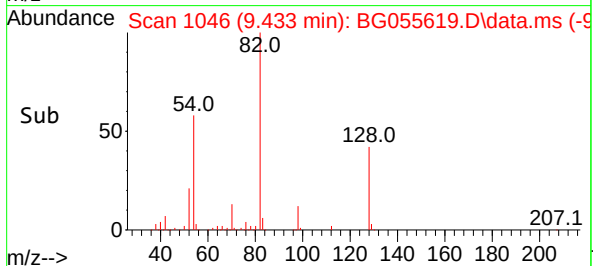
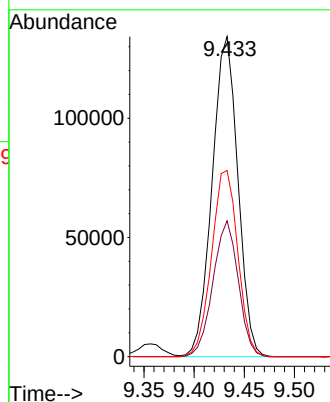
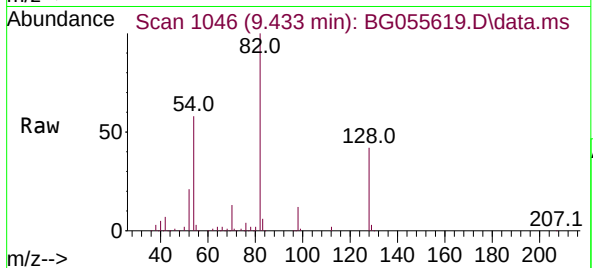
54 58.2 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#24

Nitrobenzene

Concen: 39.678 ng

RT: 9.474 min Scan# 1053

Delta R.T. -0.003 min

Lab File: BG055619.D

Acq: 15 Nov 2022 11:57

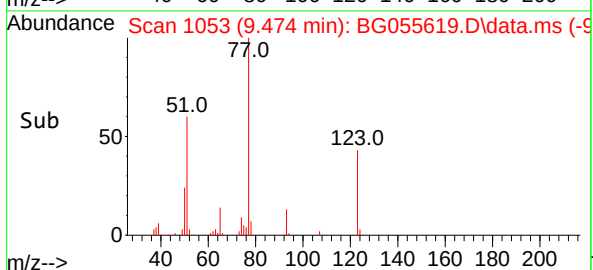
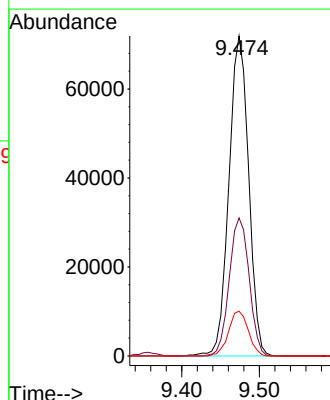
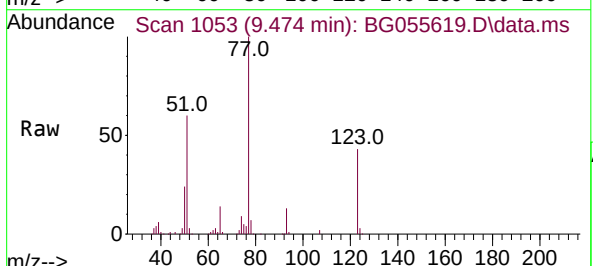
Tgt Ion: 77 Resp: 127196

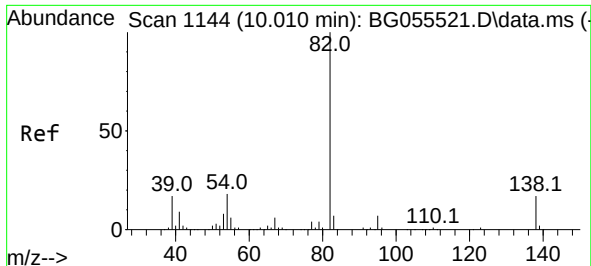
Ion Ratio Lower Upper

77 100

123 43.1 33.4 50.2

65 14.0 11.5 17.3





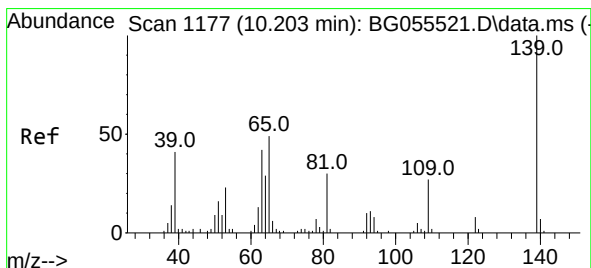
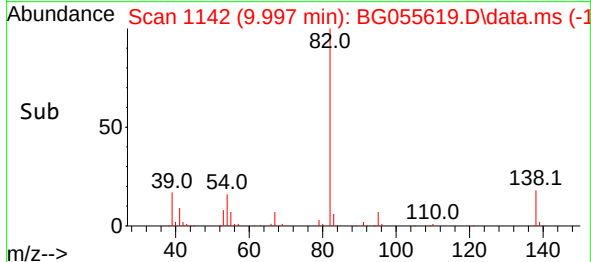
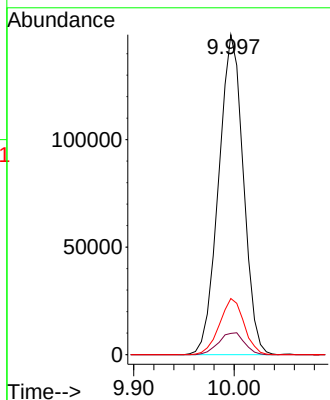
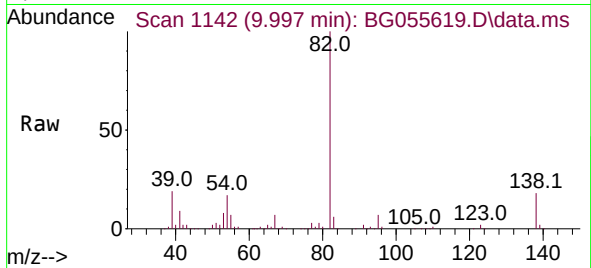
#25
Isophorone
Concen: 35.805 ng
RT: 9.997 min Scan# 1142
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :
BNA_G
ClientSampleId :
PB148898BS

Tgt Ion: 82 Resp: 25488
Ion Ratio Lower Upper
82 100
95 6.6 5.7 8.5
138 17.5 13.8 20.6

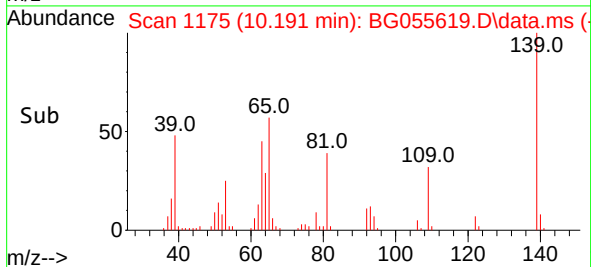
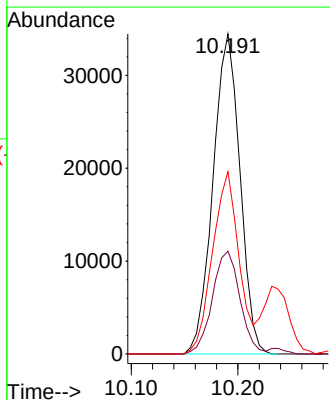
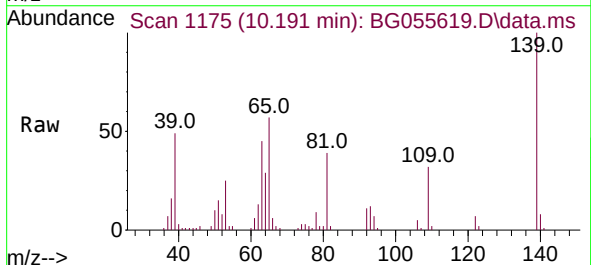
Manual Integrations
APPROVED

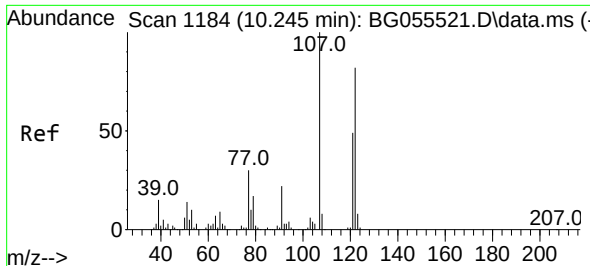
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#26
2-Nitrophenol
Concen: 56.771 ng
RT: 10.191 min Scan# 1175
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Tgt Ion:139 Resp: 60520
Ion Ratio Lower Upper
139 100
109 32.1 21.5 32.3
65 56.9 39.6 59.4





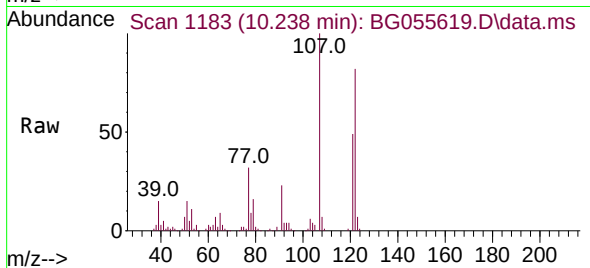
#27
2,4-Dimethylphenol
Concen: 45.993 ng
RT: 10.238 min Scan# 1183
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB148898BS

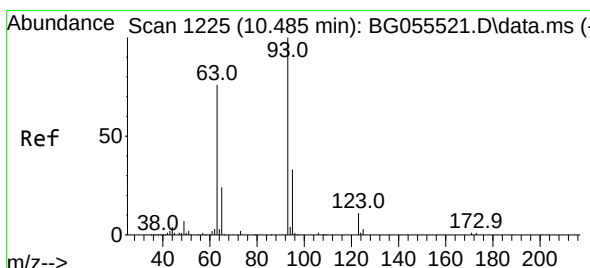
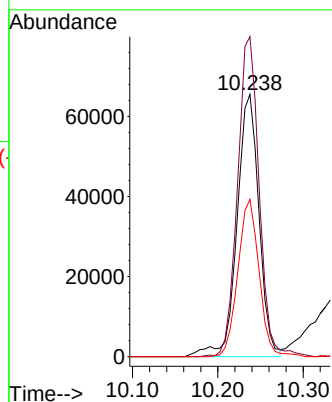
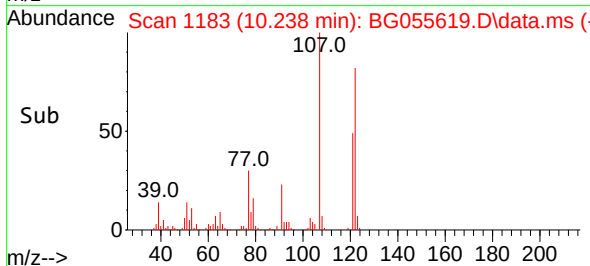


Tgt Ion:122 Resp: 117063
Ion Ratio Lower Upper
122 100
107 122.0 97.8 146.6
121 60.0 47.9 71.9

Manual Integrations

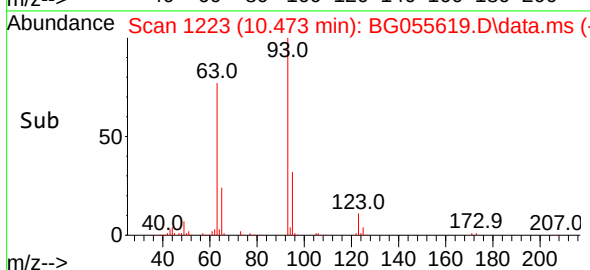
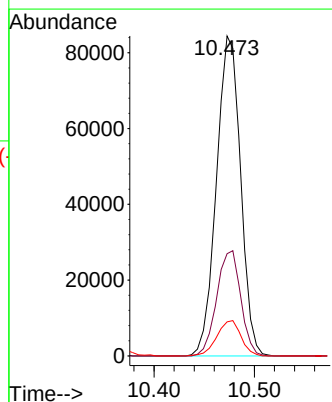
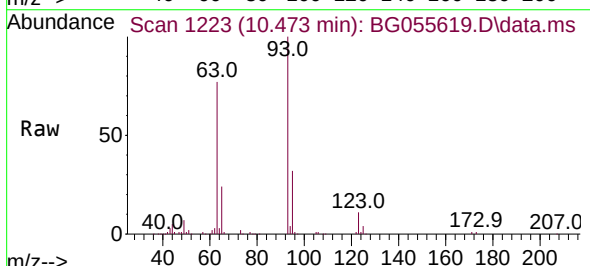
APPROVED

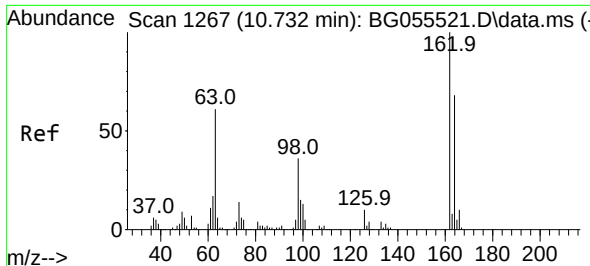
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#28
bis(2-Chloroethoxy)methane
Concen: 36.769 ng
RT: 10.473 min Scan# 1223
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Tgt Ion: 93 Resp: 141130
Ion Ratio Lower Upper
93 100
95 31.9 26.2 39.4
123 10.6 9.0 13.4





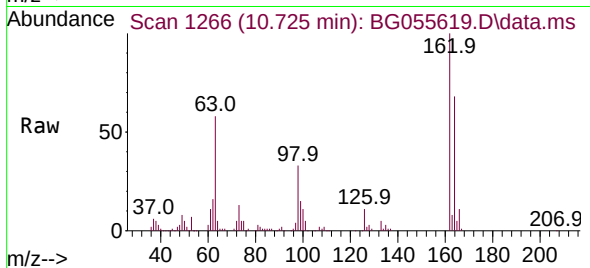
#29
2,4-Dichlorophenol
Concen: 42.766 ng
RT: 10.725 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB148898BS

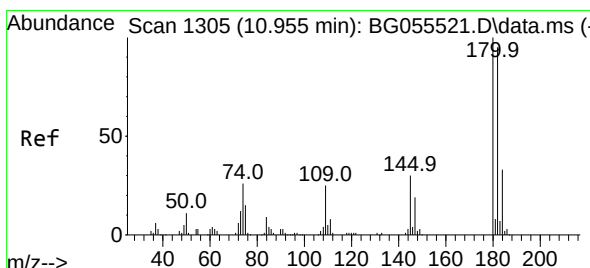
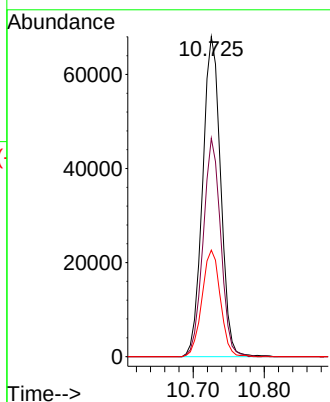
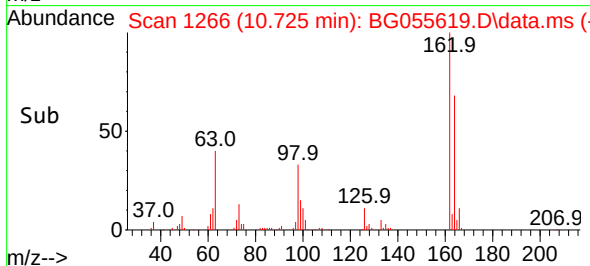


Tgt Ion:162 Resp: 119622
Ion Ratio Lower Upper
162 100
164 68.2 48.3 88.3
98 33.3 15.6 55.6

Manual Integrations

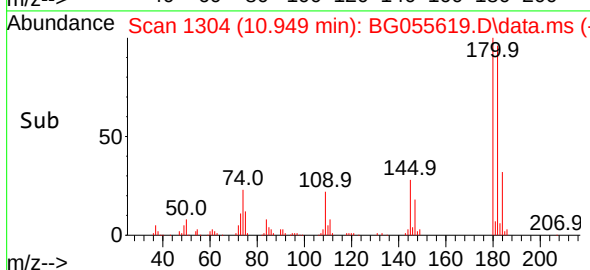
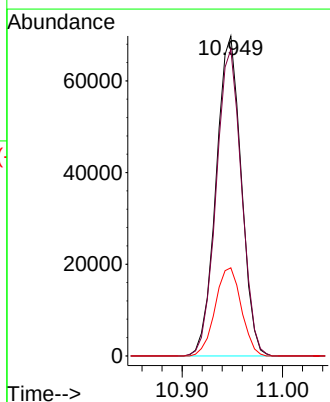
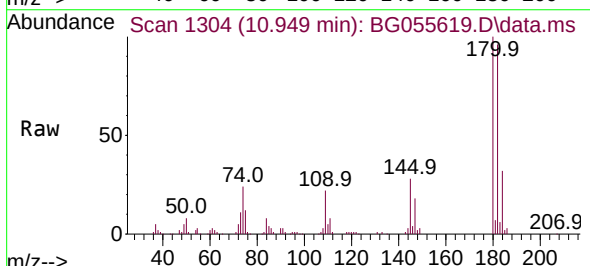
APPROVED

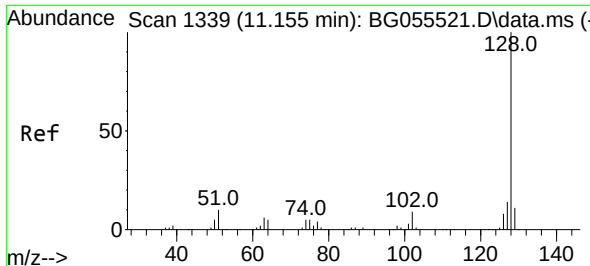
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#30
1,2,4-Trichlorobenzene
Concen: 34.692 ng
RT: 10.949 min Scan# 1304
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Tgt Ion:180 Resp: 121551
Ion Ratio Lower Upper
180 100
182 95.8 75.9 113.9
145 27.5 23.8 35.6





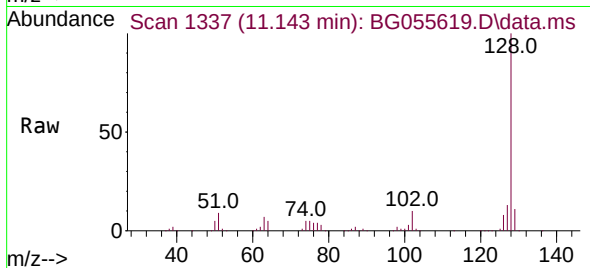
#31
Naphthalene
Concen: 33.638 ng
RT: 11.143 min Scan# 1339
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB148898BS

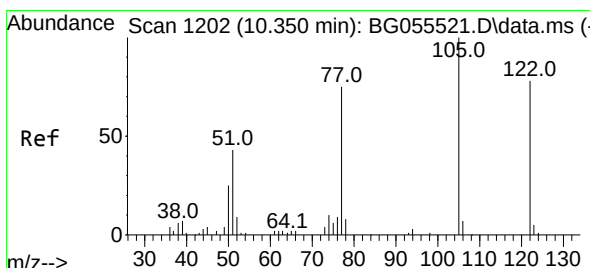
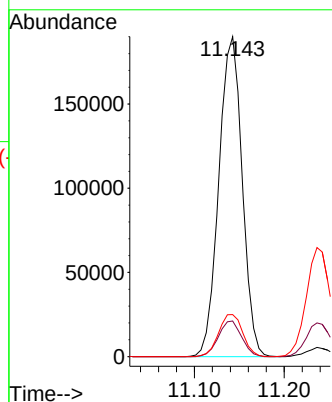
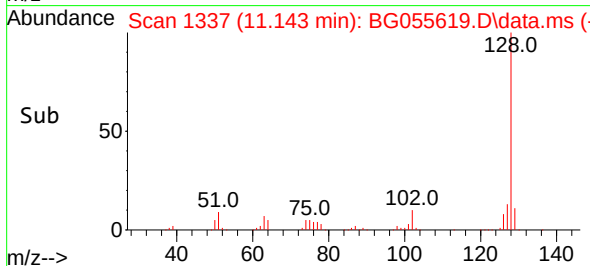


Tgt Ion:128 Resp: 343539
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.1 11.1 16.7

Manual Integrations

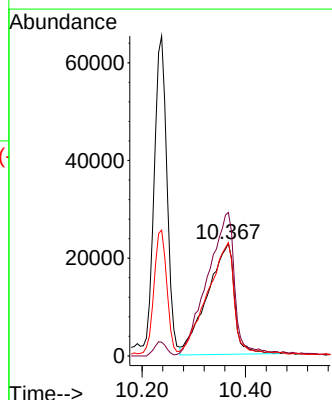
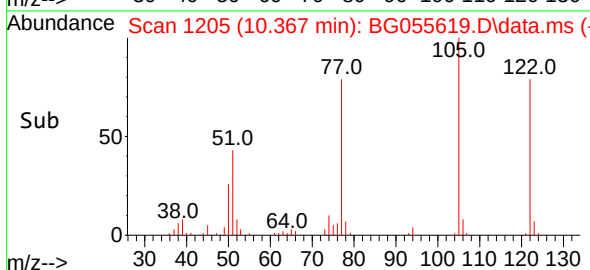
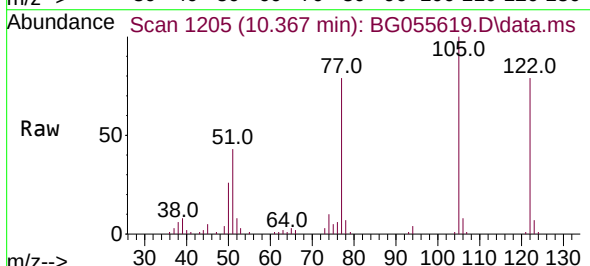
APPROVED

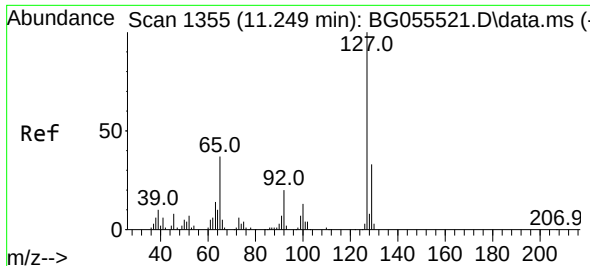
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#32
Benzoic acid
Concen: 51.773 ng
RT: 10.367 min Scan# 1205
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Tgt Ion:122 Resp: 82828
Ion Ratio Lower Upper
122 100
105 127.4 101.2 141.2
77 100.5 74.4 114.4





#33
4-Chloroaniline
Concen: 28.440 ng
RT: 11.236 min Scan# 1355
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

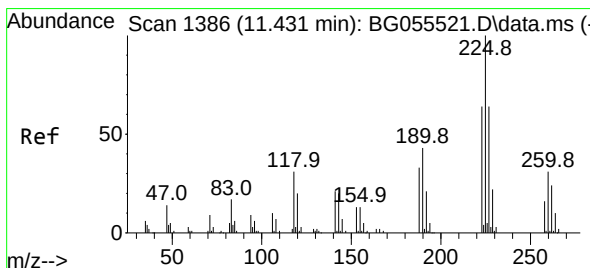
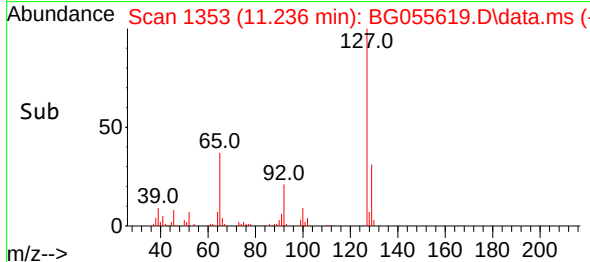
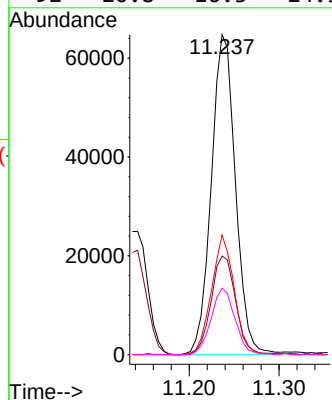
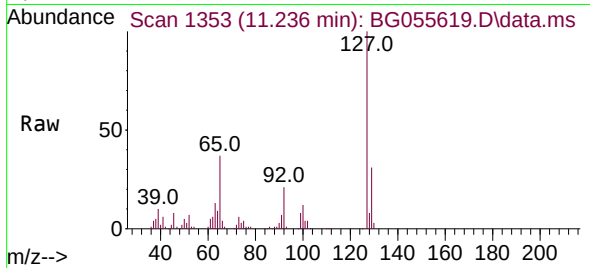
PB148898BS

Tgt Ion:127 Resp: 121410
Ion Ratio Lower Upper
127 100
129 30.8 26.5 39.7
65 37.4 29.3 43.9
92 20.8 16.3 24.5

Manual Integrations

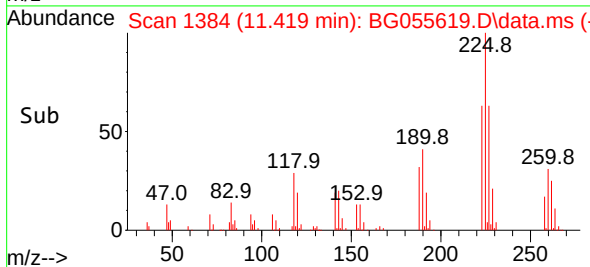
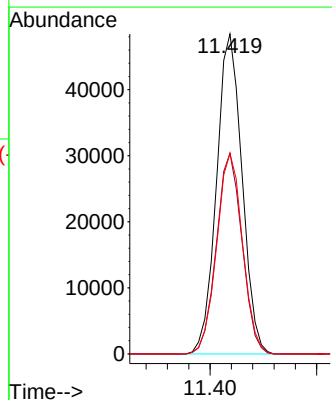
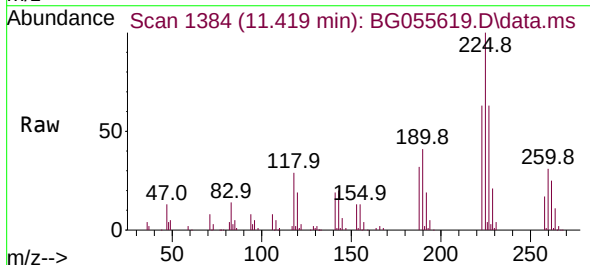
APPROVED

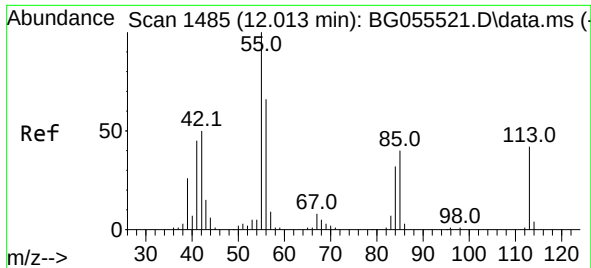
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#34
Hexachlorobutadiene
Concen: 34.475 ng
RT: 11.419 min Scan# 1384
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

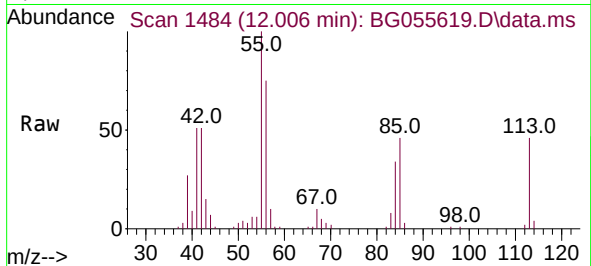
Tgt Ion:225 Resp: 80562
Ion Ratio Lower Upper
225 100
223 62.7 51.5 77.3
227 62.6 51.6 77.4





#35
Caprolactam
Concen: 46.212 ng m
RT: 12.006 min Scan# 1485
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

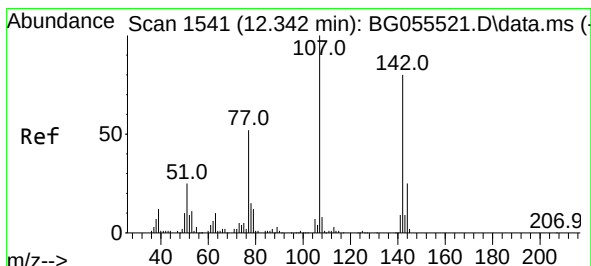
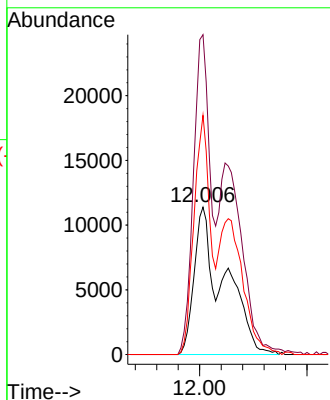
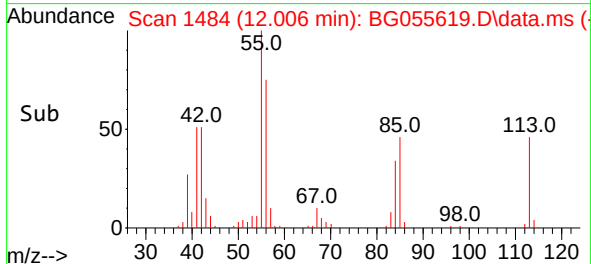
Instrument :
BNA_G
ClientSampleId :
PB148898BS



Tgt Ion:113 Resp: 44065
Ion Ratio Lower Upper
113 100
55 216.9 215.6 255.6
56 162.2 136.5 176.5

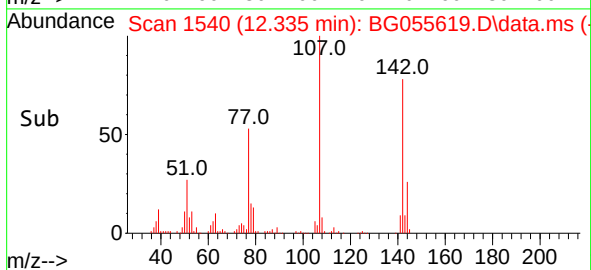
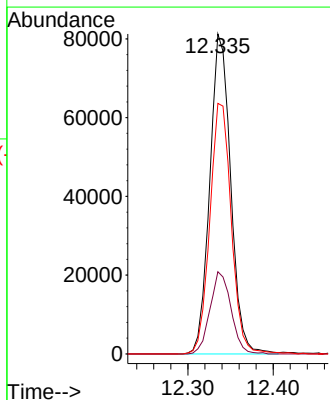
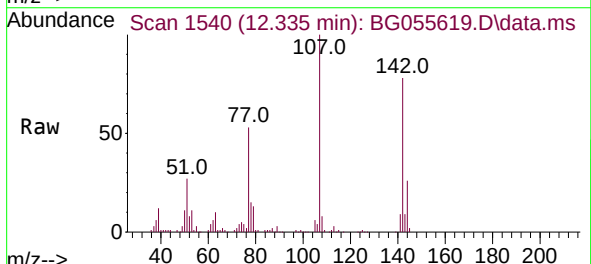
Manual Integrations
APPROVED

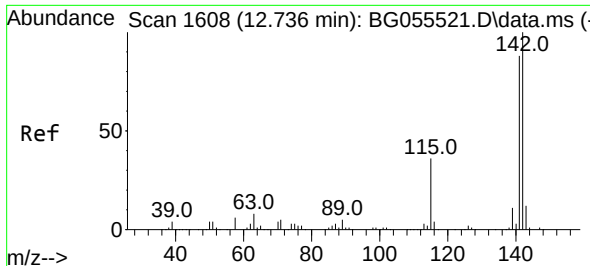
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#36
4-Chloro-3-methylphenol
Concen: 41.949 ng
RT: 12.335 min Scan# 1540
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Tgt Ion:107 Resp: 138312
Ion Ratio Lower Upper
107 100
144 25.7 20.3 30.5
142 78.3 64.1 96.1





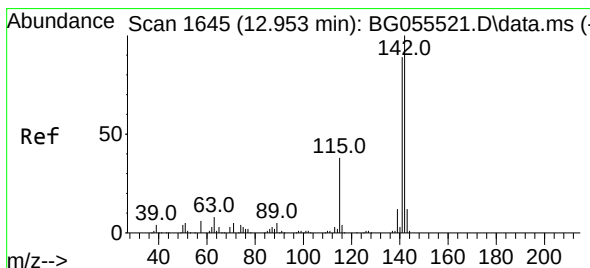
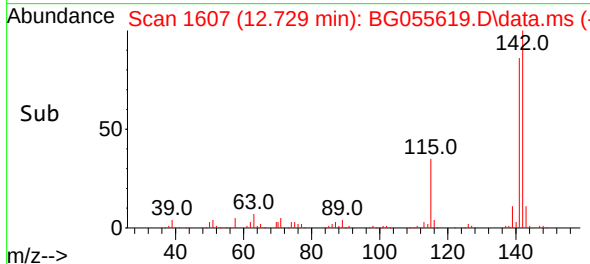
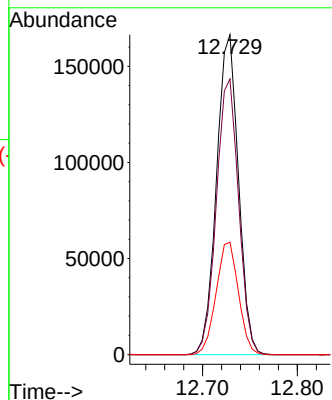
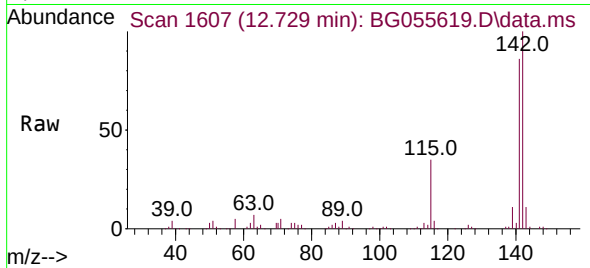
#37
2-Methylnaphthalene
Concen: 34.826 ng
RT: 12.729 min Scan# 1607
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :
BNA_G
ClientSampleId :
PB148898BS

Tgt Ion:142 Resp: 267236
Ion Ratio Lower Upper
142 100
141 86.1 70.3 105.5
115 35.1 28.9 43.3

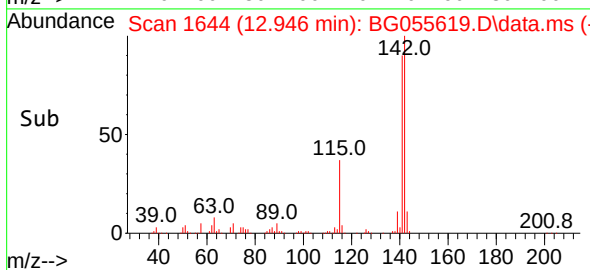
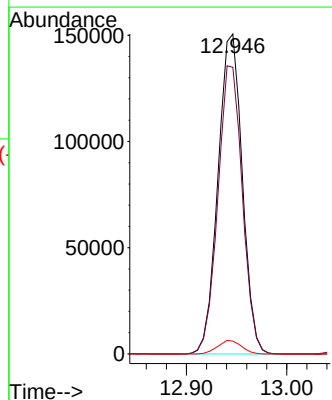
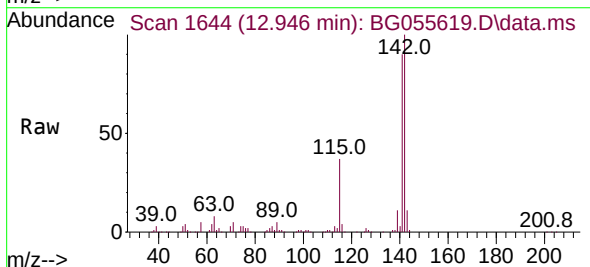
Manual Integrations
APPROVED

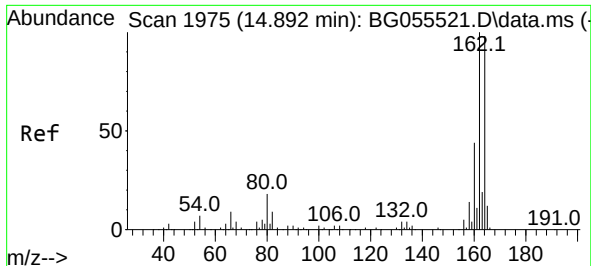
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#38
1-Methylnaphthalene
Concen: 33.804 ng
RT: 12.946 min Scan# 1644
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

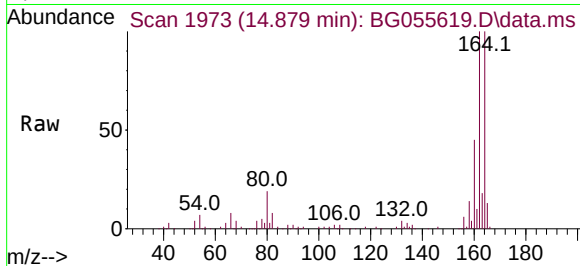
Tgt Ion:142 Resp: 253726
Ion Ratio Lower Upper
142 100
141 89.6 71.6 107.4
116 4.0 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.879 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

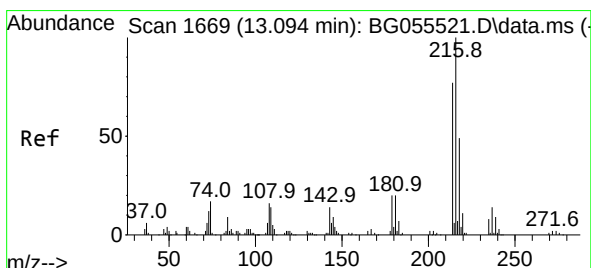
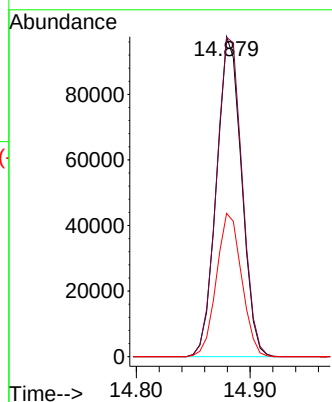
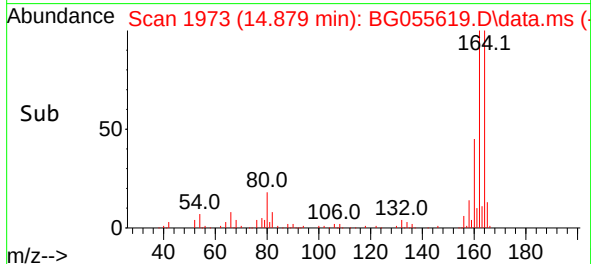
Instrument :
BNA_G
ClientSampleId :
PB148898BS



Tgt Ion:164 Resp: 149360
Ion Ratio Lower Upper
164 100
162 99.8 81.3 121.9
160 44.8 35.9 53.9

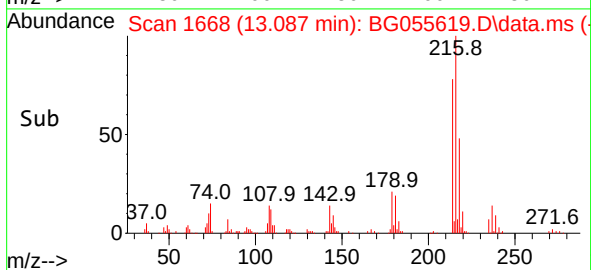
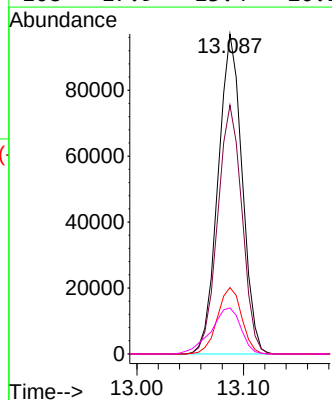
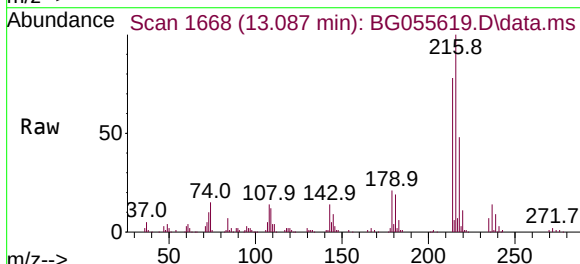
Manual Integrations
APPROVED

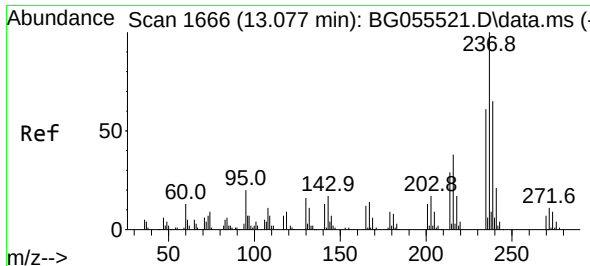
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.139 ng
RT: 13.087 min Scan# 1668
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

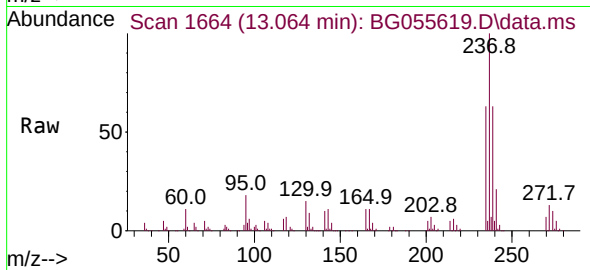
Tgt Ion:216 Resp: 152313
Ion Ratio Lower Upper
216 100
214 78.5 61.3 91.9
179 20.9 16.3 24.5
108 17.9 13.4 20.2





#41
Hexachlorocyclopentadiene
Concen: 103.433 ng
RT: 13.064 min Scan# 1664
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

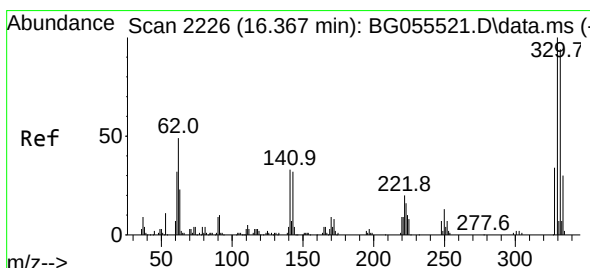
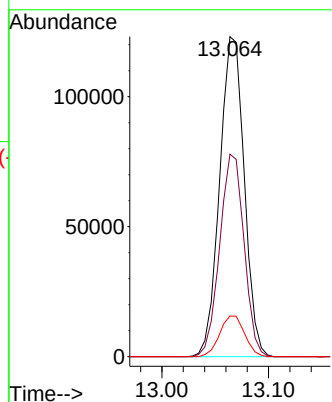
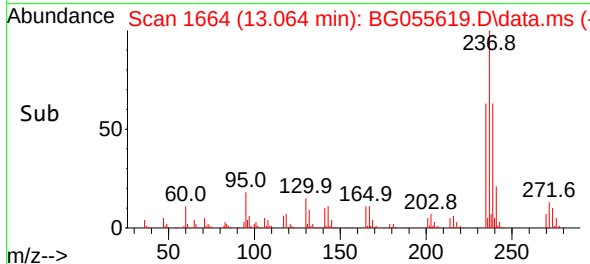
Instrument :
BNA_G
ClientSampleId :
PB148898BS



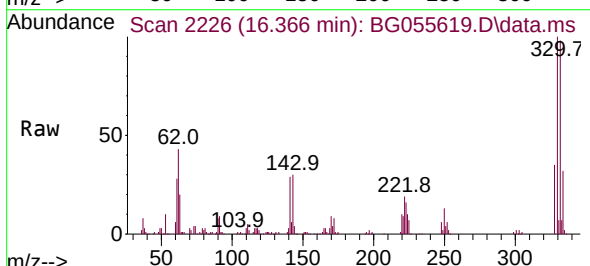
Tgt Ion:237 Resp: 197559
Ion Ratio Lower Upper
237 100
235 63.3 40.6 80.6
272 12.7 0.0 31.4

Manual Integrations
APPROVED

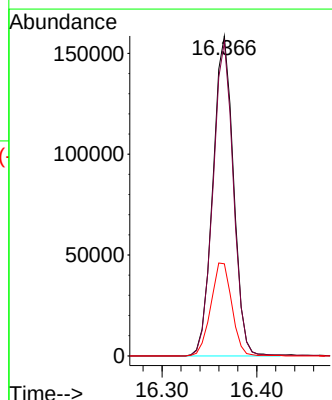
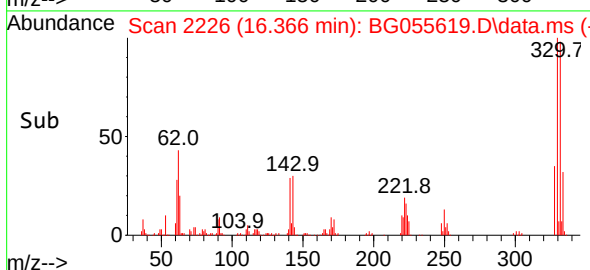
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

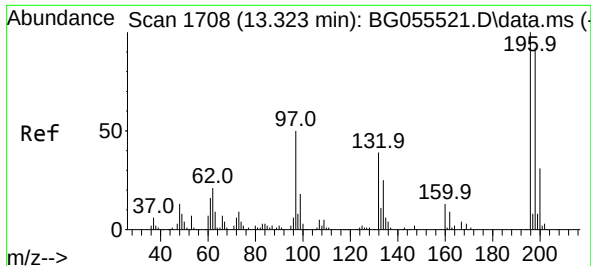


#42
2,4,6-Tribromophenol
Concen: 163.786 ng
RT: 16.366 min Scan# 2226
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57



Tgt Ion:330 Resp: 238688
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.2
141 29.7 25.4 38.2





#43
2,4,6-Trichlorophenol
Concen: 42.509 ng
RT: 13.316 min Scan# 1707
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

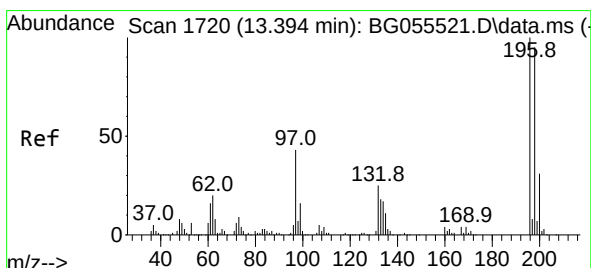
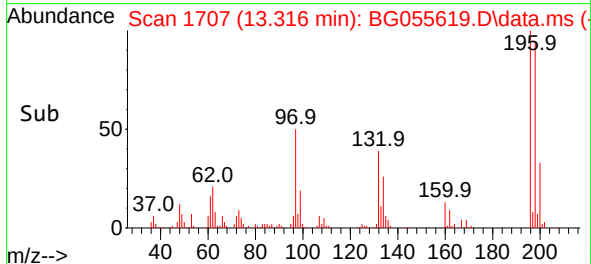
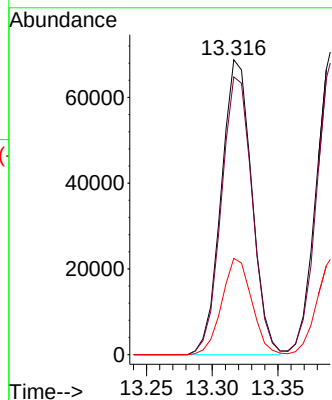
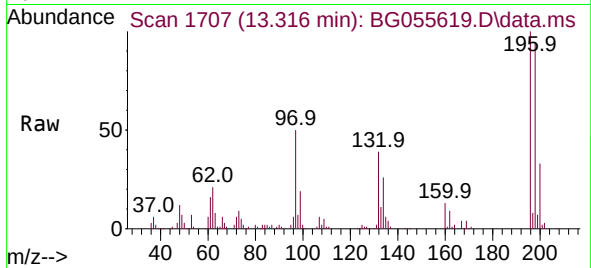
PB148898BS

Tgt Ion:196 Resp: 111516
Ion Ratio Lower Upper
196 100
198 94.2 73.9 110.9
200 32.6 24.6 37.0

Manual Integrations

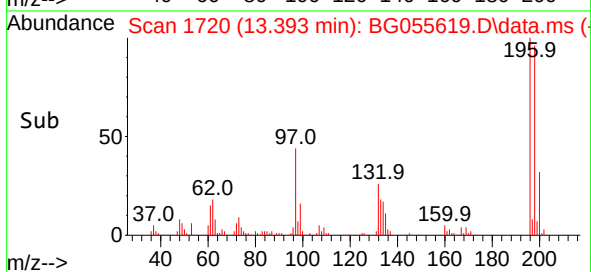
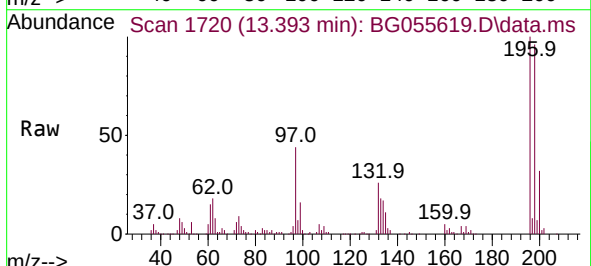
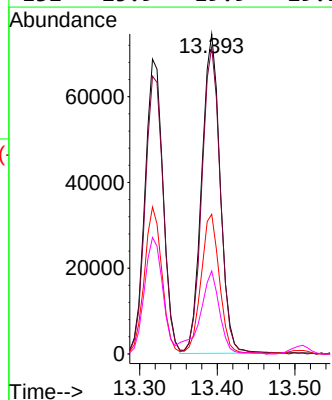
APPROVED

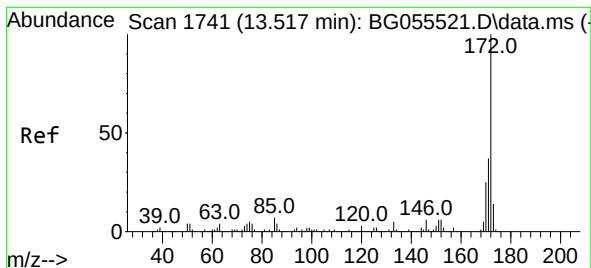
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#44
2,4,5-Trichlorophenol
Concen: 40.893 ng
RT: 13.393 min Scan# 1720
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Tgt Ion:196 Resp: 122809
Ion Ratio Lower Upper
196 100
198 95.9 76.1 114.1
97 43.6 34.2 51.4
132 25.9 19.9 29.9





#45
2-Fluorobiphenyl
Concen: 63.737 ng
RT: 13.510 min Scan# 1740
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

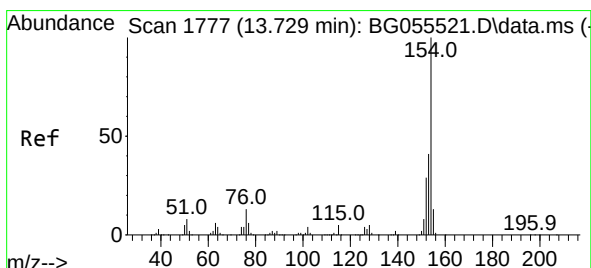
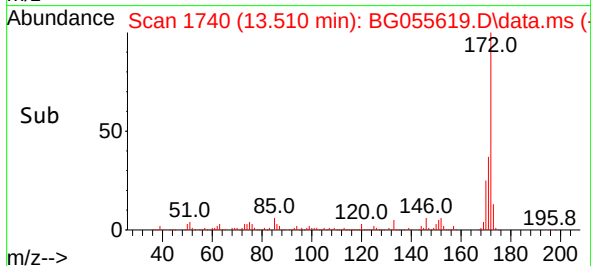
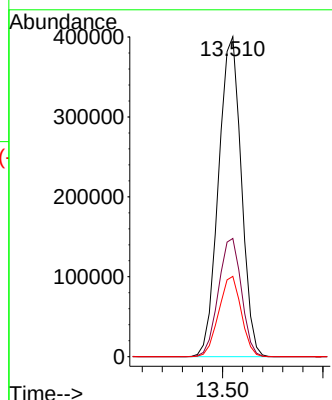
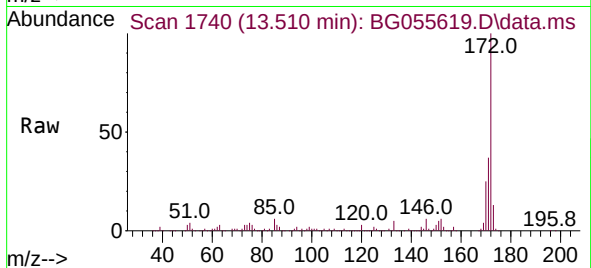
PB148898BS

Tgt Ion:172 Resp: 631114
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 25.1 19.8 29.6

Manual Integrations

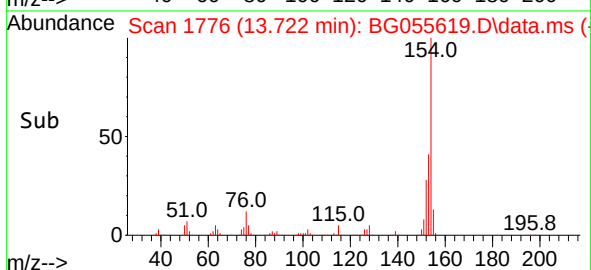
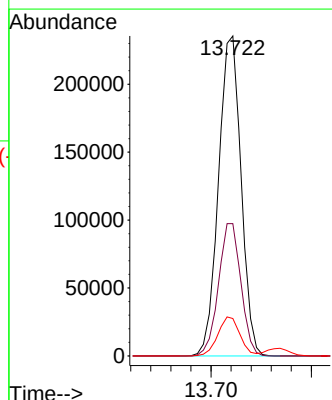
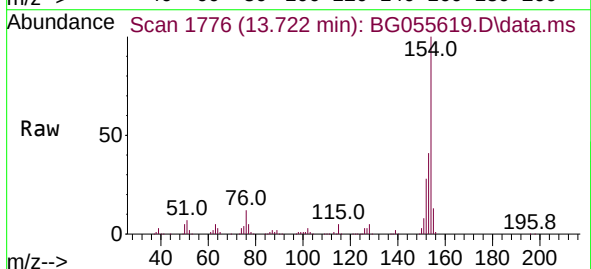
APPROVED

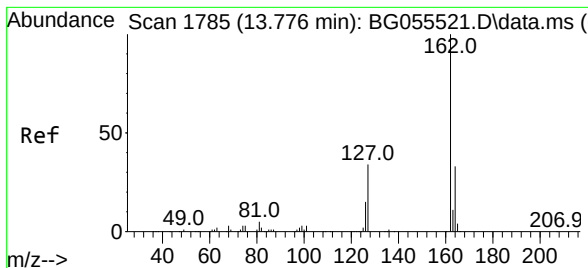
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#46
1,1'-Biphenyl
Concen: 33.628 ng
RT: 13.722 min Scan# 1776
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Tgt Ion:154 Resp: 367457
Ion Ratio Lower Upper
154 100
153 41.3 20.9 60.9
76 11.7 0.0 32.7





#47
2-Chloronaphthalene
Concen: 33.167 ng
RT: 13.769 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

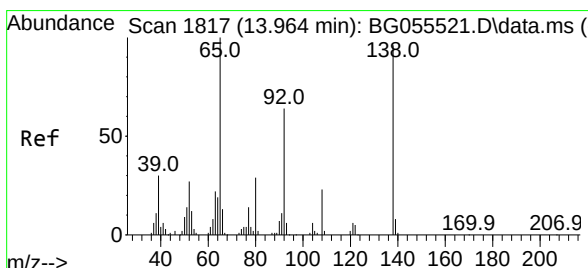
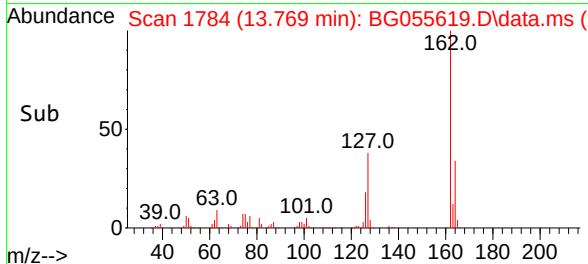
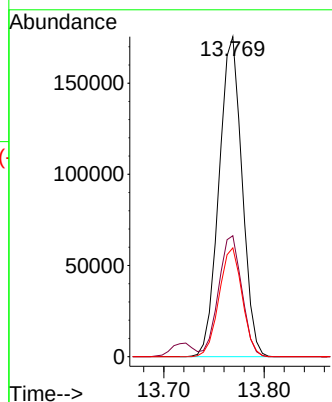
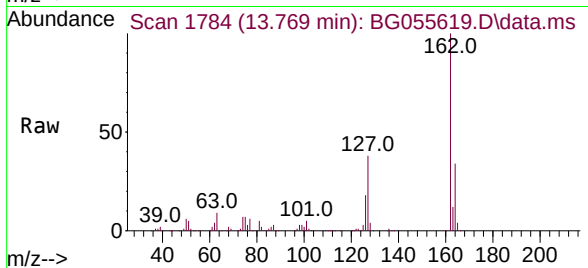
PB148898BS

Tgt Ion:162 Resp: 27992
Ion Ratio Lower Upper
162 100
127 37.8 30.9 46.3
164 34.0 26.8 40.2

Manual Integrations

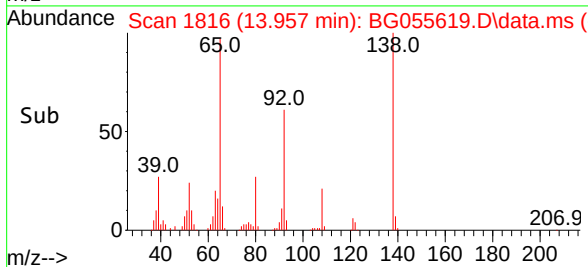
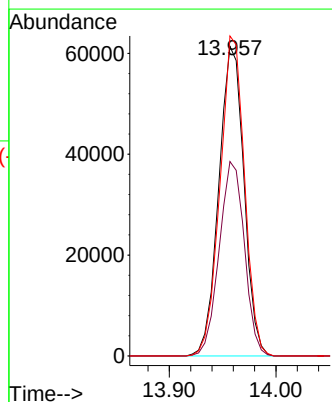
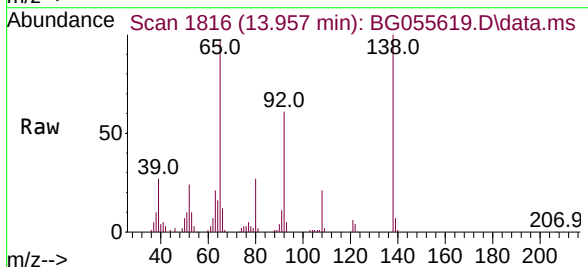
APPROVED

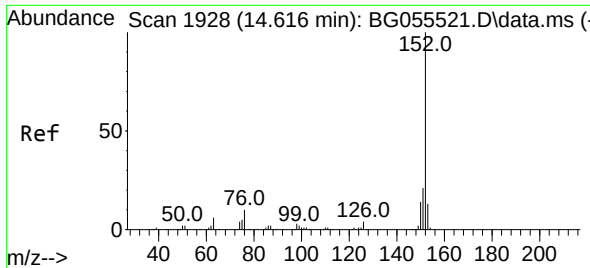
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#48
2-Nitroaniline
Concen: 46.353 ng
RT: 13.957 min Scan# 1816
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Tgt Ion: 65 Resp: 100464
Ion Ratio Lower Upper
65 100
92 62.8 51.6 77.4
138 103.4 77.0 115.4





#49
Acenaphthylene
Concen: 34.105 ng
RT: 14.609 min Scan# 1928
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

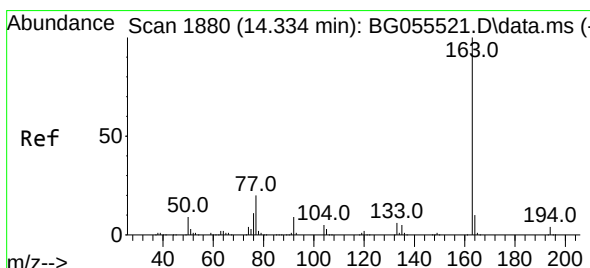
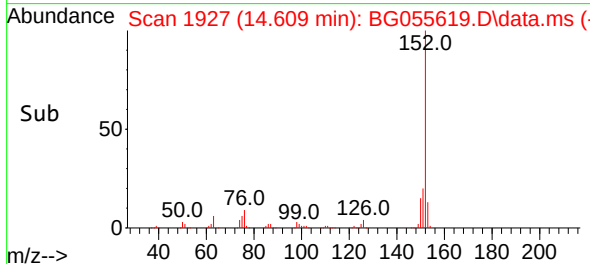
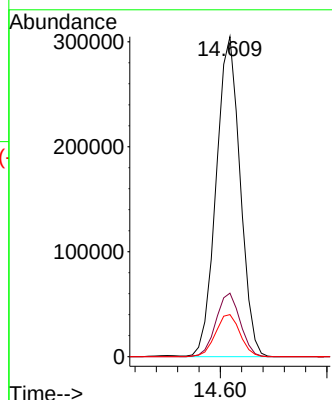
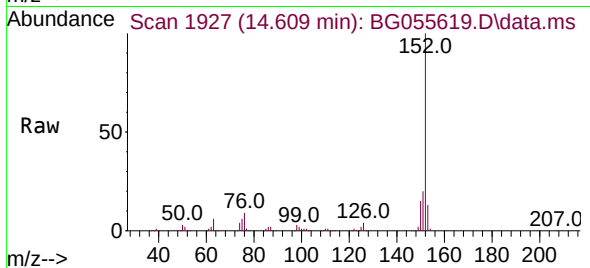
ClientSampleId :

PB148898BS

Tgt Ion:152 Resp: 476268
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 13.1 10.6 16.0

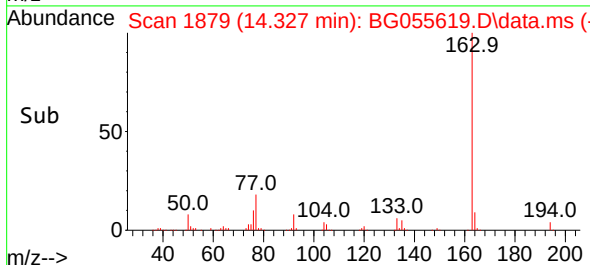
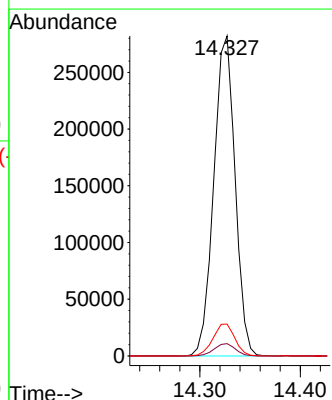
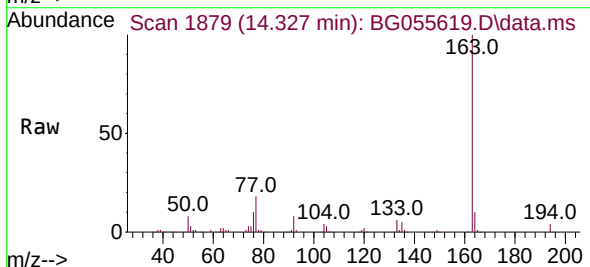
Manual Integrations
APPROVED

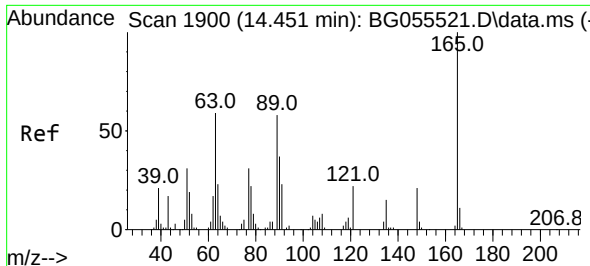
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#50
Dimethylphthalate
Concen: 36.678 ng
RT: 14.327 min Scan# 1879
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Tgt Ion:163 Resp: 416272
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.9 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 43.379 ng
RT: 14.445 min Scan# 1889
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

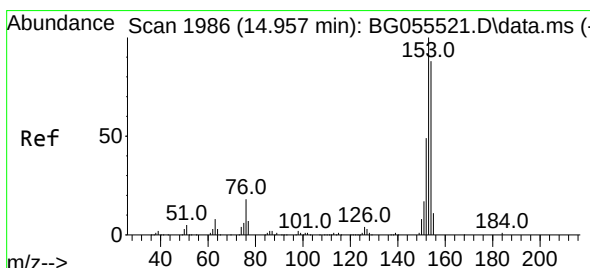
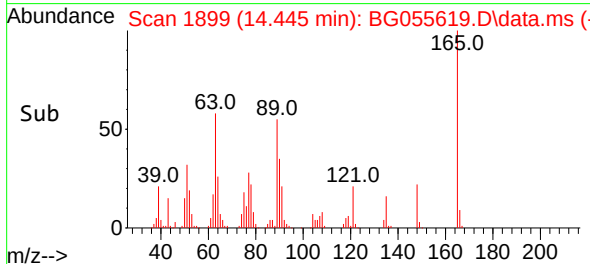
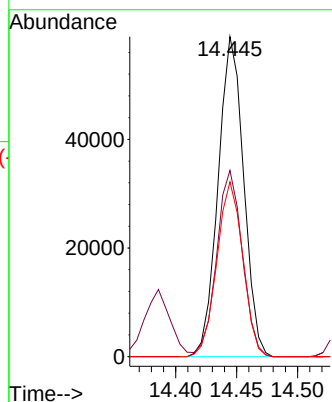
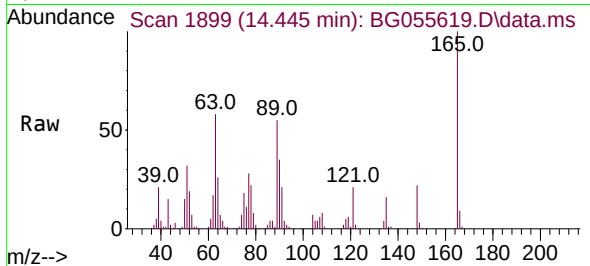
PB148898BS

Tgt Ion:165 Resp: 85895
Ion Ratio Lower Upper
165 100
63 58.2 50.1 75.1
89 54.6 46.5 69.7

Manual Integrations

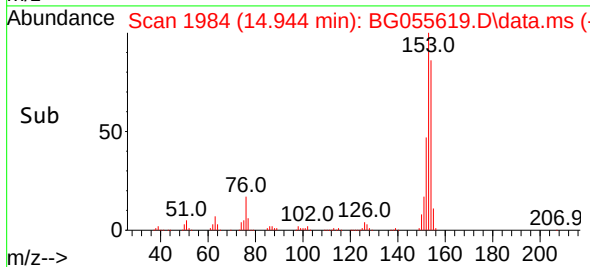
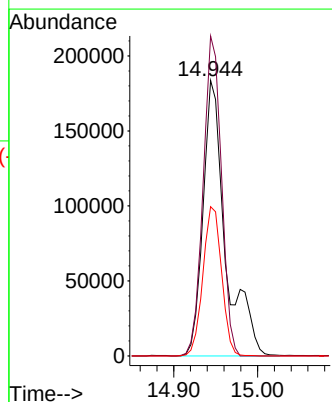
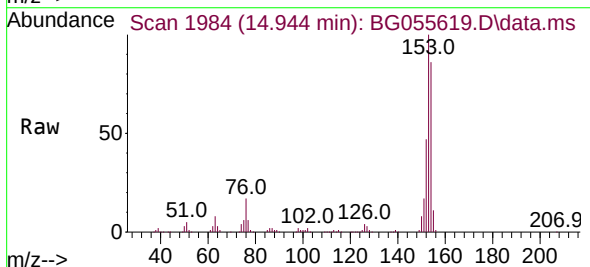
APPROVED

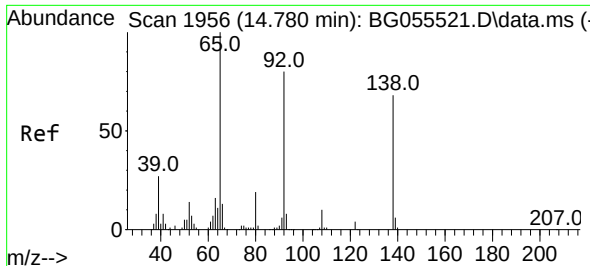
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#52
Acenaphthene
Concen: 39.338 ng m
RT: 14.944 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Tgt Ion:154 Resp: 342955
Ion Ratio Lower Upper
154 100
153 116.2 91.4 137.0
152 54.2 44.5 66.7





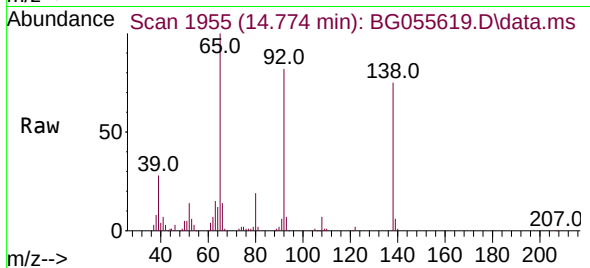
#53
3-Nitroaniline
Concen: 32.856 ng
RT: 14.774 min Scan# 1955
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB148898BS

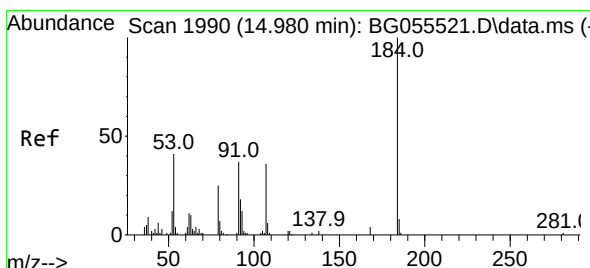
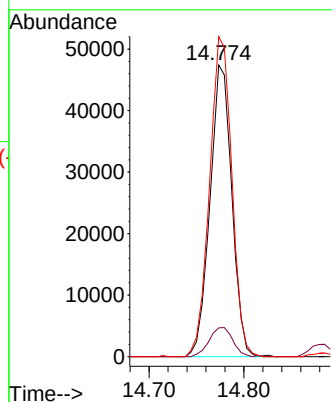
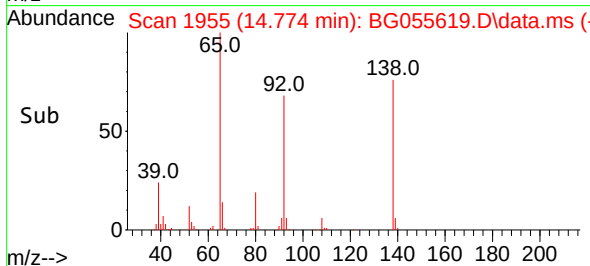


Tgt Ion:138 Resp: 75816
Ion Ratio Lower Upper
138 100
108 9.9 11.7 17.5
92 109.8 94.3 141.5

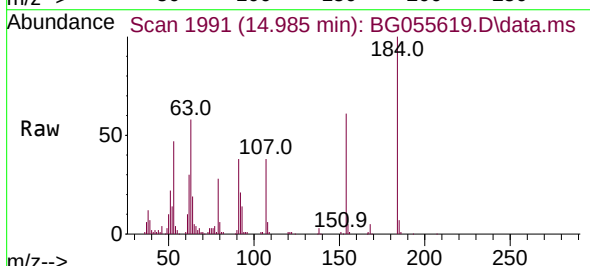
Manual Integrations

APPROVED

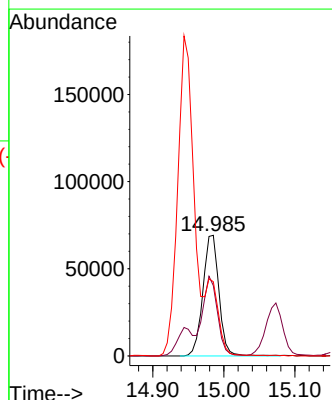
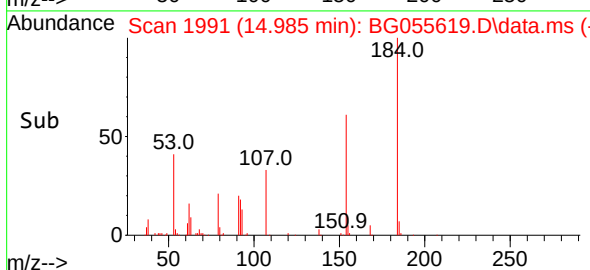
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

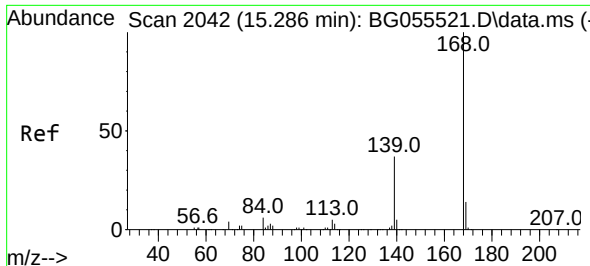


#54
2,4-Dinitrophenol
Concen: 153.009 ng
RT: 14.985 min Scan# 1991
Delta R.T. 0.009 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57



Tgt Ion:184 Resp: 107973
Ion Ratio Lower Upper
184 100
63 58.3 43.8 65.8
154 61.4 77.2 115.8





#55
Dibenzofuran
Concen: 34.131 ng
RT: 15.279 min Scan# 2042
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

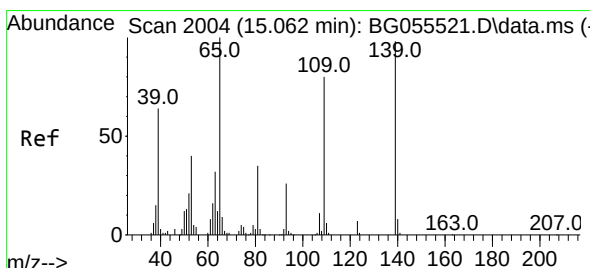
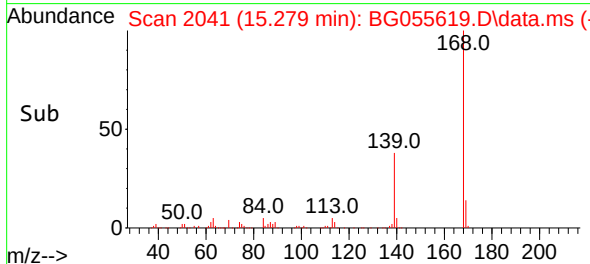
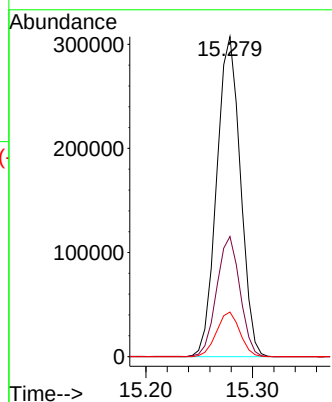
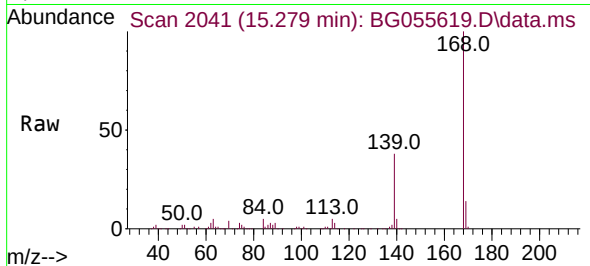
ClientSampleId :

PB148898BS

Tgt Ion:168 Resp: 475710
Ion Ratio Lower Upper
168 100
139 37.5 29.4 44.2
169 13.9 11.1 16.7

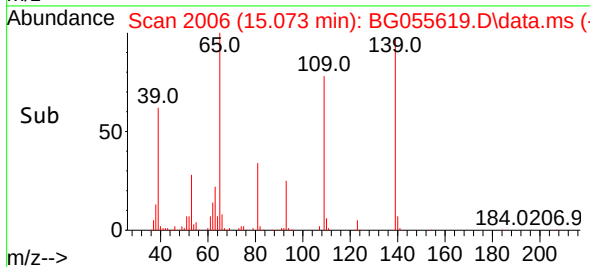
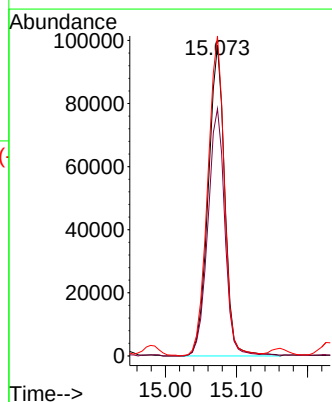
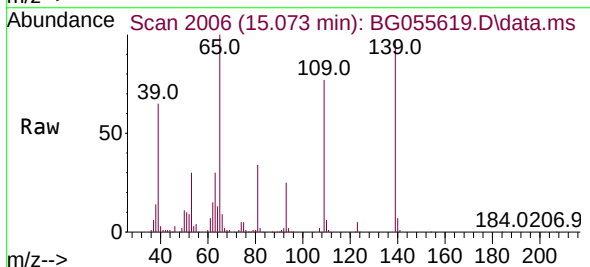
Manual Integrations
APPROVED

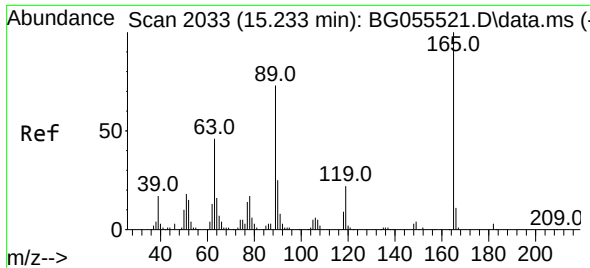
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#56
4-Nitrophenol
Concen: 94.335 ng
RT: 15.073 min Scan# 2006
Delta R.T. 0.009 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Tgt Ion:139 Resp: 158537
Ion Ratio Lower Upper
139 100
109 79.6 61.8 101.8
65 103.0 82.9 122.9





#57
2,4-Dinitrotoluene
Concen: 48.000 ng
RT: 15.232 min Scan# 2033
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

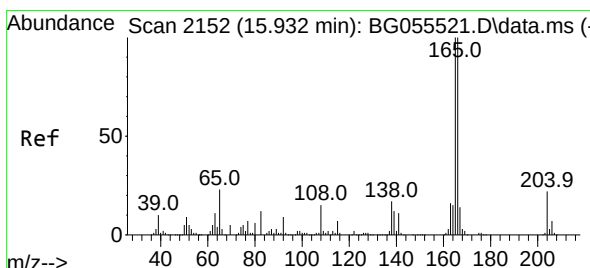
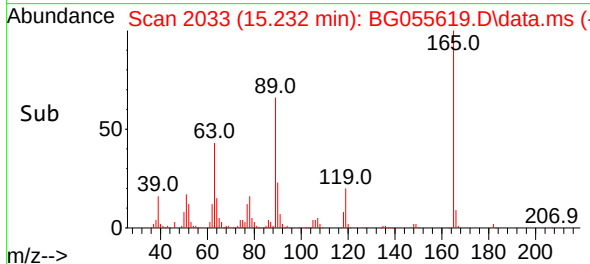
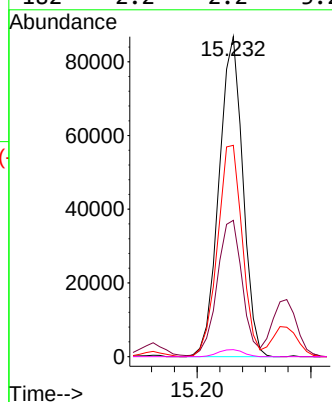
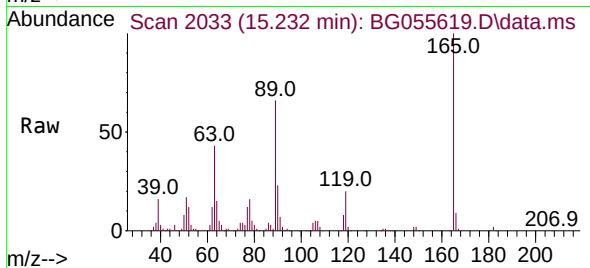
PB148898BS

Tgt Ion:165 Resp: 126492
Ion Ratio Lower Upper
165 100
63 42.6 37.0 55.4
89 66.0 58.6 87.8
182 2.2 2.2 3.2

Manual Integrations

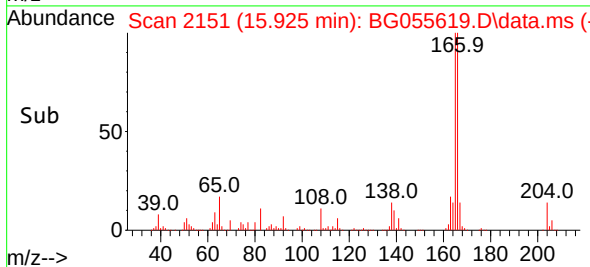
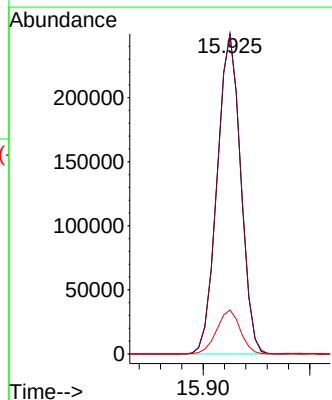
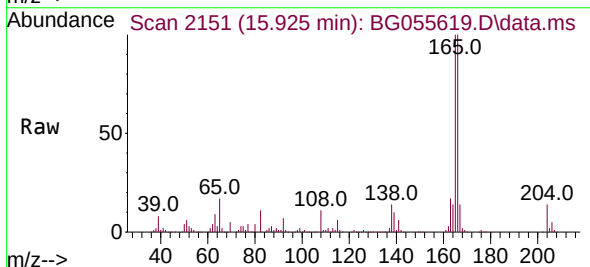
APPROVED

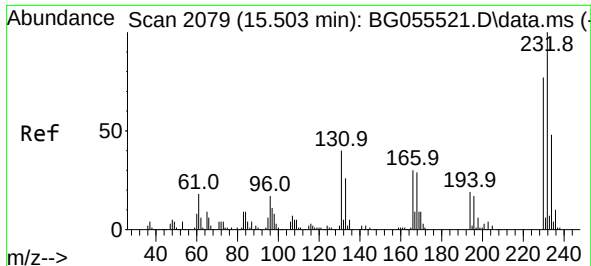
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#58
Fluorene
Concen: 34.468 ng
RT: 15.925 min Scan# 2151
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Tgt Ion:166 Resp: 382195
Ion Ratio Lower Upper
166 100
165 99.9 80.2 120.2
167 13.7 11.2 16.8





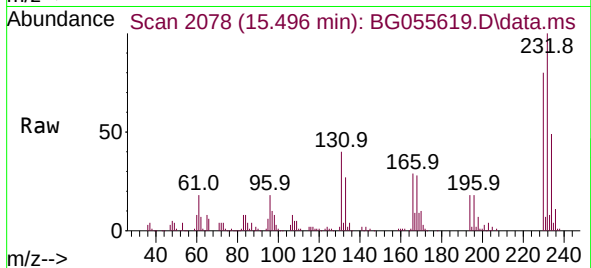
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.111 ng
RT: 15.496 min Scan# 2079
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB148898BS

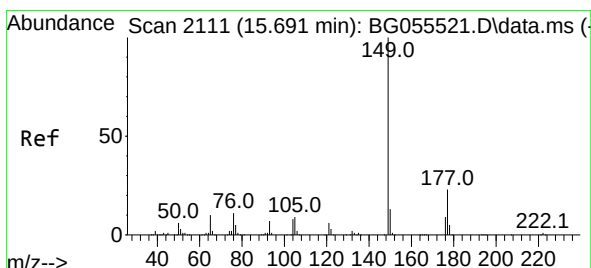
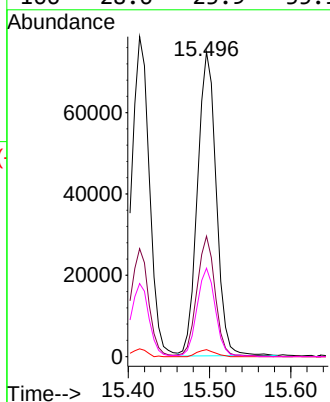
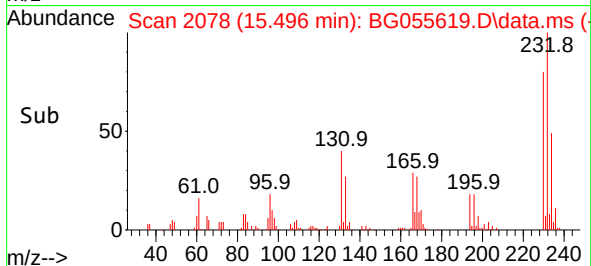


Tgt Ion:232 Resp: 120005
Ion Ratio Lower Upper
232 100
131 38.8 31.8 47.8
130 2.1 1.7 2.5
166 28.6 23.9 35.9

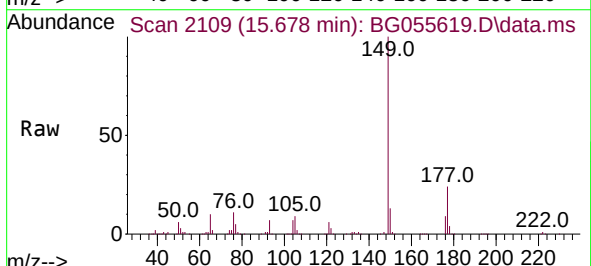
Manual Integrations

APPROVED

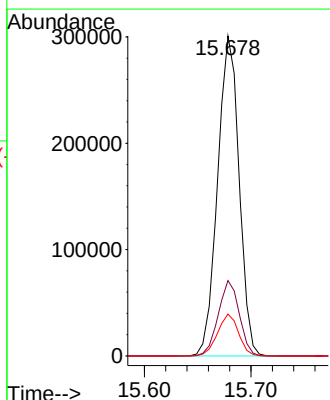
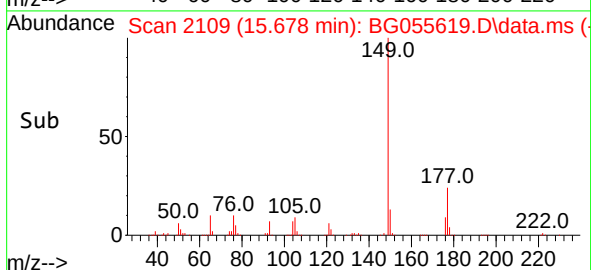
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

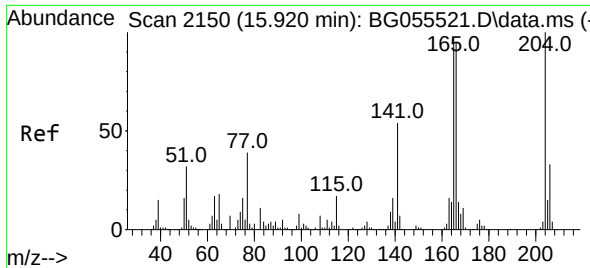


#60
Diethylphthalate
Concen: 36.508 ng
RT: 15.678 min Scan# 2109
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57



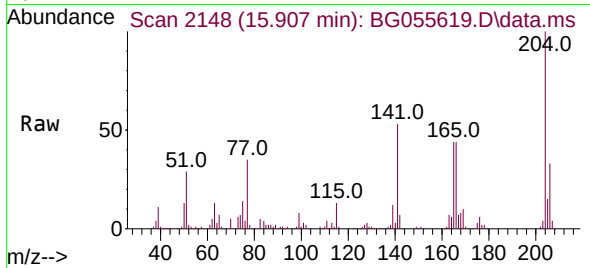
Tgt Ion:149 Resp: 421512
Ion Ratio Lower Upper
149 100
177 23.5 18.6 27.8
150 13.1 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 36.062 ng
RT: 15.907 min Scan# 2150
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

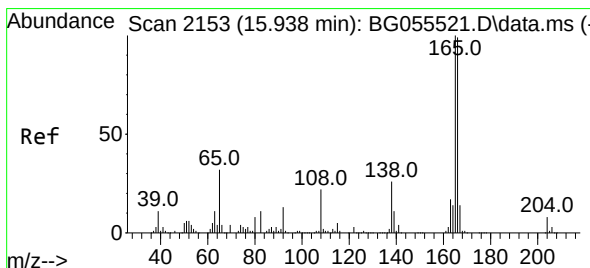
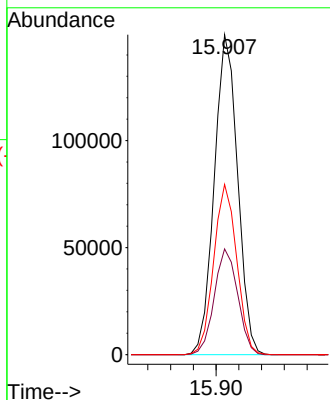
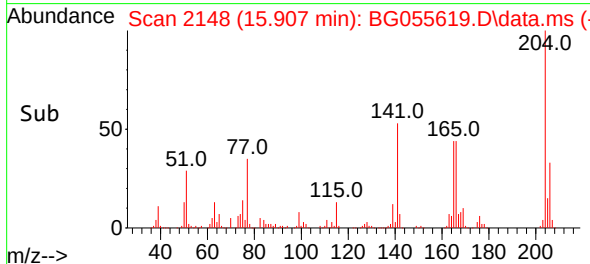
Instrument :
BNA_G
ClientSampleId :
PB148898BS



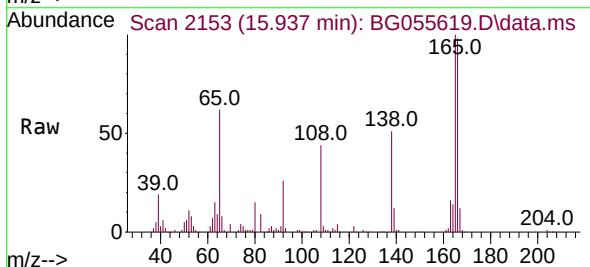
Tgt Ion:204 Resp: 212696
Ion Ratio Lower Upper
204 100
206 33.1 26.8 40.2
141 53.2 43.1 64.7

Manual Integrations
APPROVED

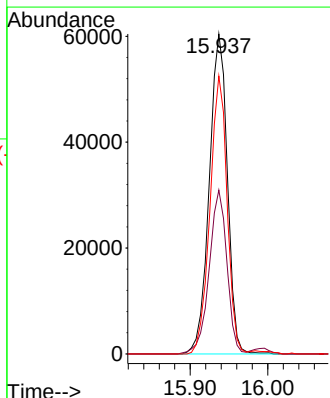
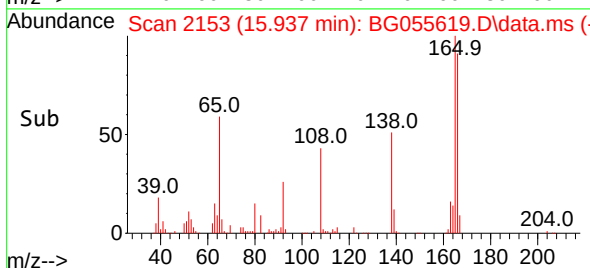
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

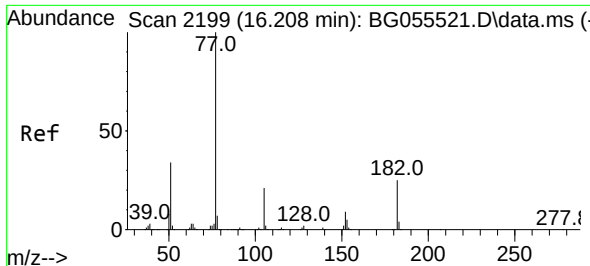


#62
4-Nitroaniline
Concen: 43.527 ng
RT: 15.937 min Scan# 2153
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57



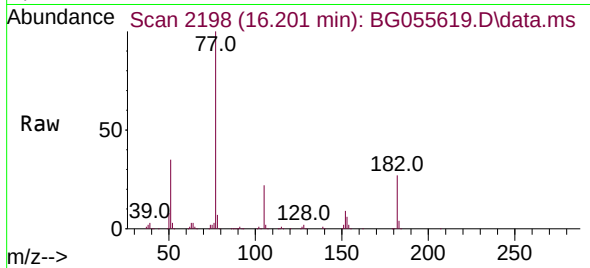
Tgt Ion:138 Resp: 97942
Ion Ratio Lower Upper
138 100
92 51.2 30.6 70.6
108 86.8 64.0 104.0





#63
Azobenzene
Concen: 32.600 ng
RT: 16.201 min Scan# 2199
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

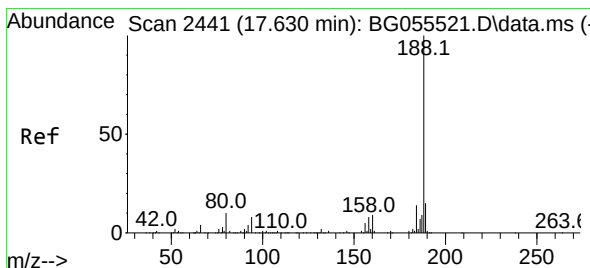
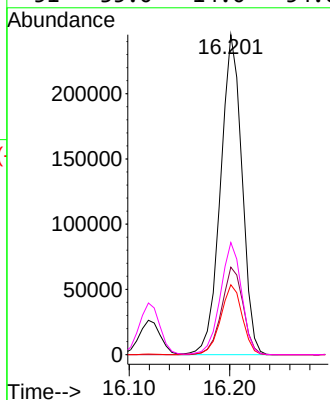
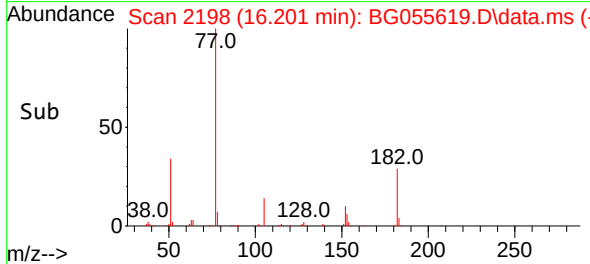
Instrument :
BNA_G
ClientSampleId :
PB148898BS



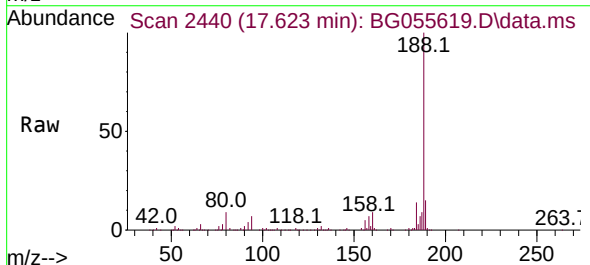
Tgt Ion: 77 Resp: 364842
Ion Ratio Lower Upper
77 100
182 27.3 4.6 44.6
105 21.9 1.2 41.2
51 35.0 14.0 54.0

Manual Integrations
APPROVED

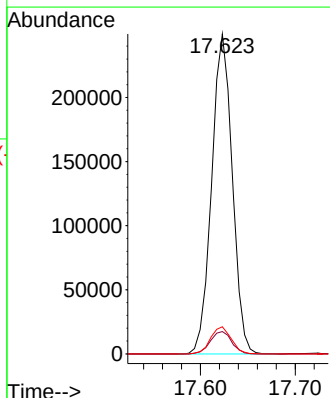
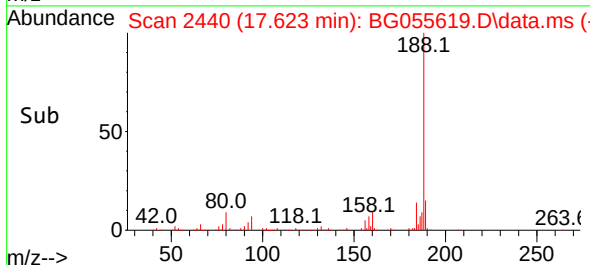
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

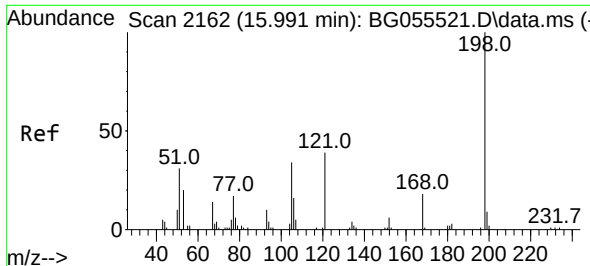


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.623 min Scan# 2440
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57



Tgt Ion:188 Resp: 376738
Ion Ratio Lower Upper
188 100
94 7.0 6.4 9.6
80 8.5 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 56.128 ng
RT: 15.990 min Scan# 2162
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

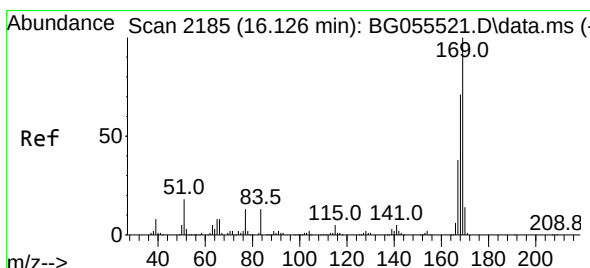
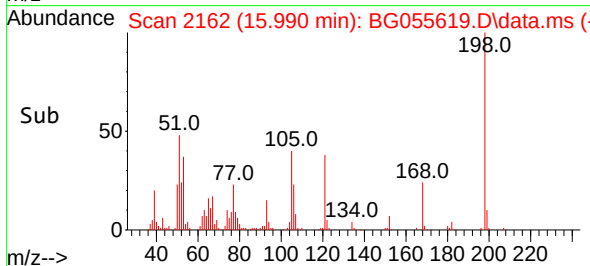
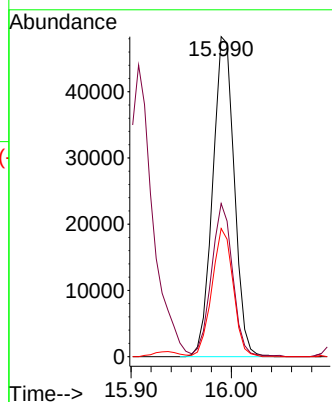
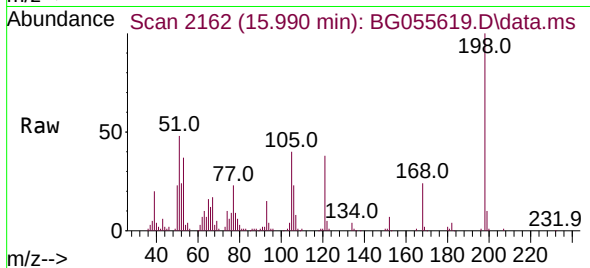
PB148898BS

Tgt Ion:198 Resp: 72132
Ion Ratio Lower Upper
198 100
51 47.8 24.7 64.7
105 40.0 17.6 57.6

Manual Integrations

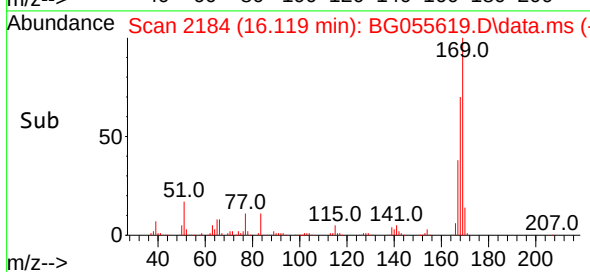
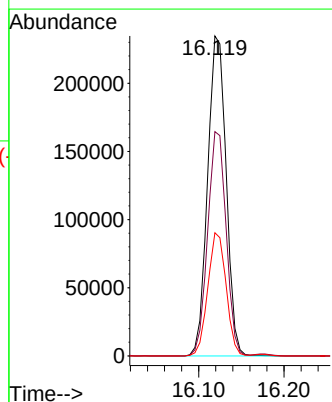
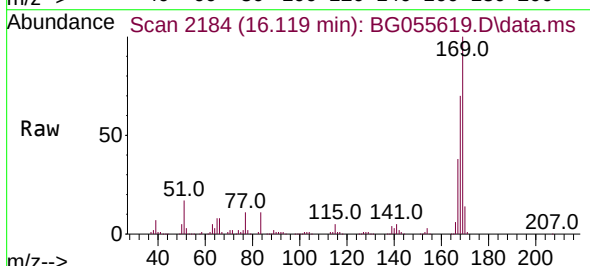
APPROVED

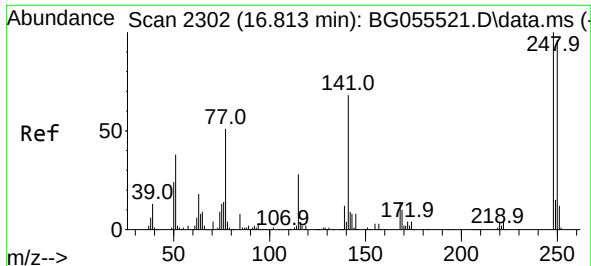
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#66
n-Nitrosodiphenylamine
Concen: 33.545 ng
RT: 16.119 min Scan# 2184
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Tgt Ion:169 Resp: 354029
Ion Ratio Lower Upper
169 100
168 70.1 57.0 85.4
167 38.5 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 37.858 ng
RT: 16.801 min Scan# 2301
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

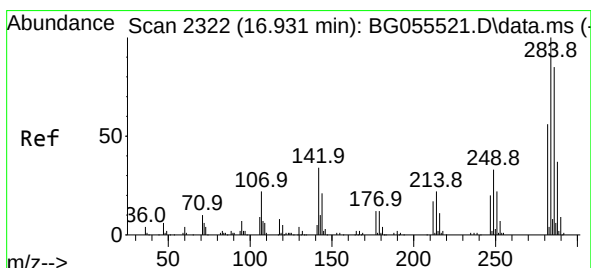
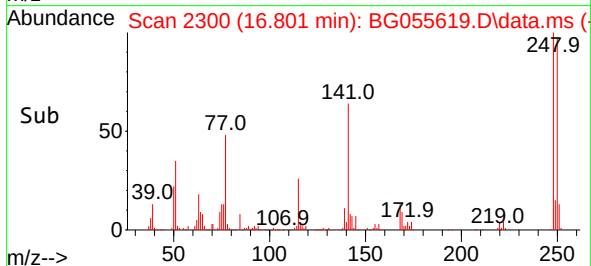
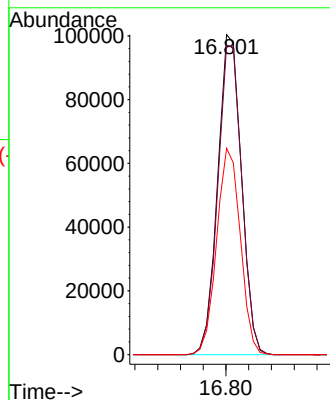
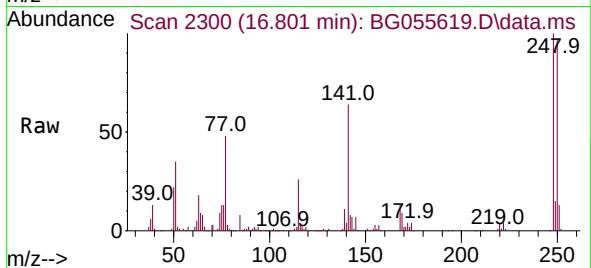
PB148898BS

Tgt Ion:248 Resp: 145502
Ion Ratio Lower Upper
248 100
250 96.7 76.9 115.3
141 64.5 54.3 81.5

Manual Integrations

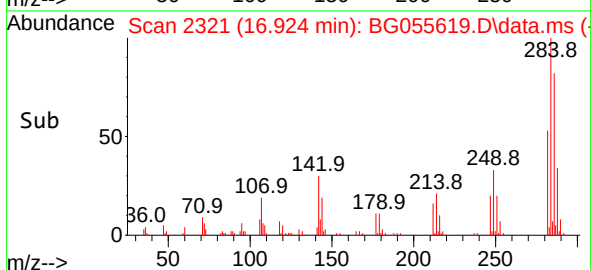
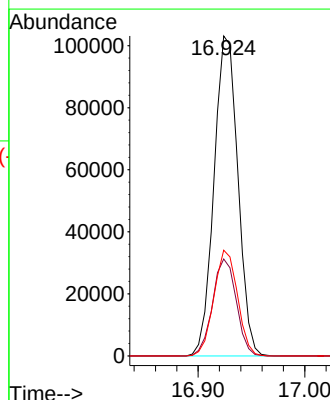
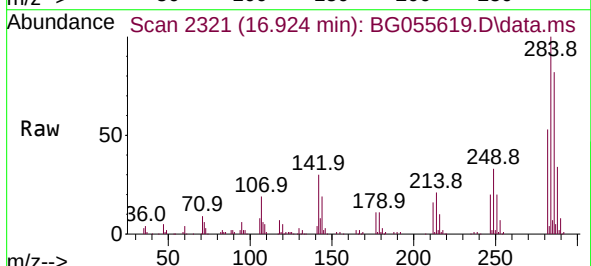
APPROVED

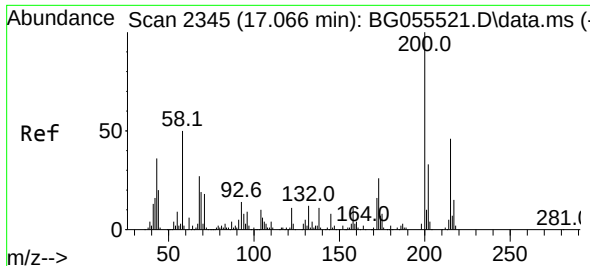
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#68
Hexachlorobenzene
Concen: 35.191 ng
RT: 16.924 min Scan# 2321
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

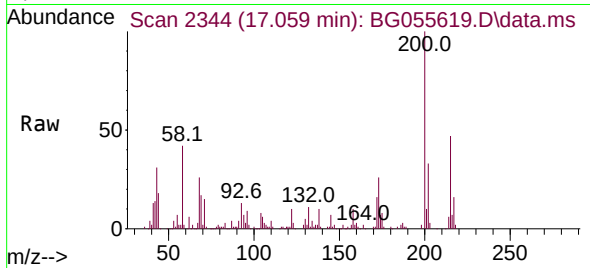
Tgt Ion:284 Resp: 160794
Ion Ratio Lower Upper
284 100
142 30.3 27.2 40.8
249 33.0 26.6 39.8





#69
 Atrazine
 Concen: 30.649 ng
 RT: 17.059 min Scan# 2344
 Delta R.T. 0.003 min
 Lab File: BG055619.D
 Acq: 15 Nov 2022 11:57

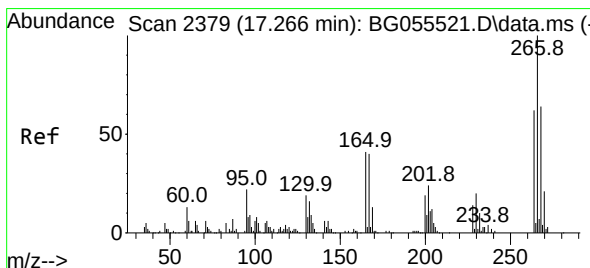
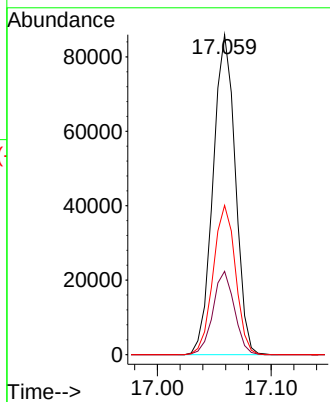
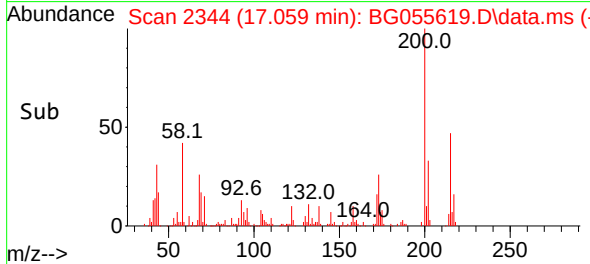
Instrument :
 BNA_G
 ClientSampleId :
 PB148898BS



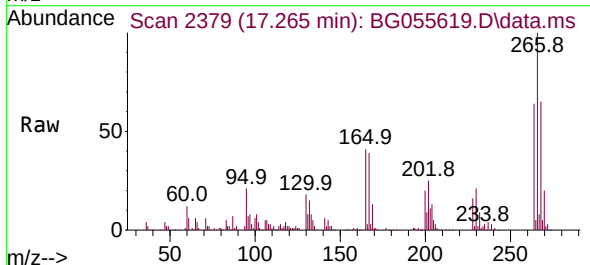
Tgt Ion:200 Resp: 117064
 Ion Ratio Lower Upper
 200 100
 173 26.0 6.3 46.3
 215 46.6 26.4 66.4

Manual Integrations
 APPROVED

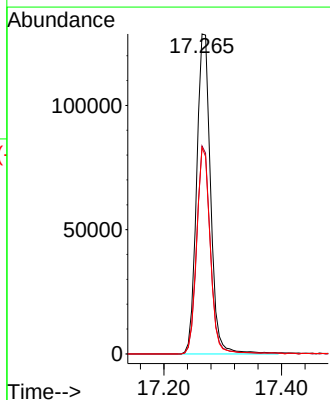
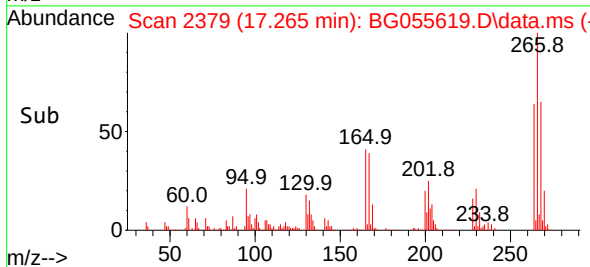
Reviewed By :Christian Giraldo 11/16/2022
 Supervised By :Jagrut Upadhyay 11/16/2022

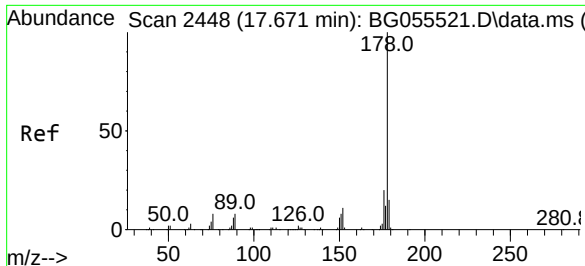


#70
 Pentachlorophenol
 Concen: 84.535 ng
 RT: 17.265 min Scan# 2379
 Delta R.T. -0.003 min
 Lab File: BG055619.D
 Acq: 15 Nov 2022 11:57



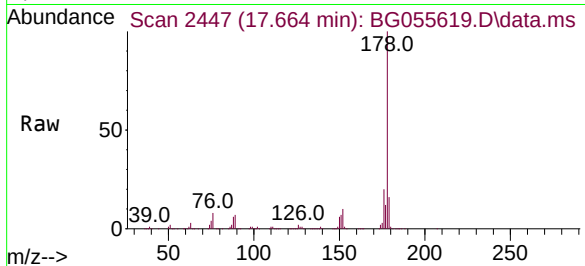
Tgt Ion:266 Resp: 211613
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.4 77.0
 264 64.5 49.5 74.3





#71
Phenanthrene
Concen: 33.106 ng
RT: 17.664 min Scan# 2448
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

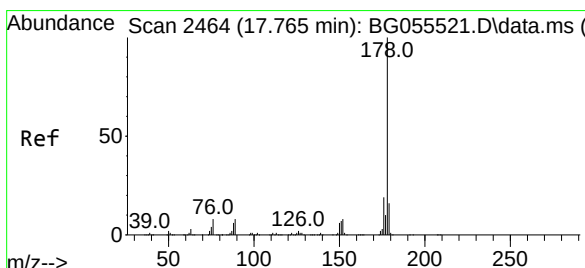
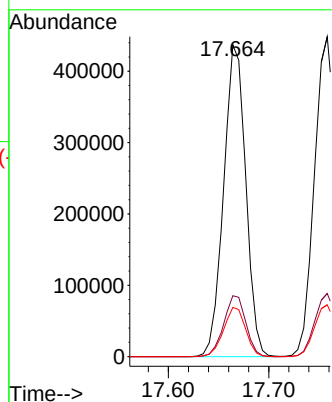
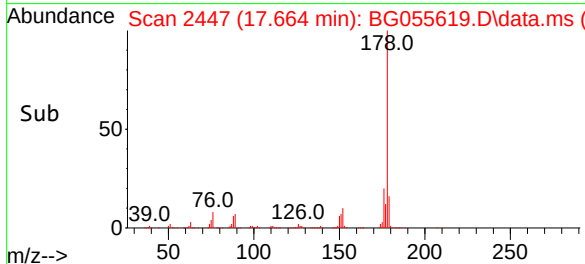
Instrument :
BNA_G
ClientSampleId :
PB148898BS



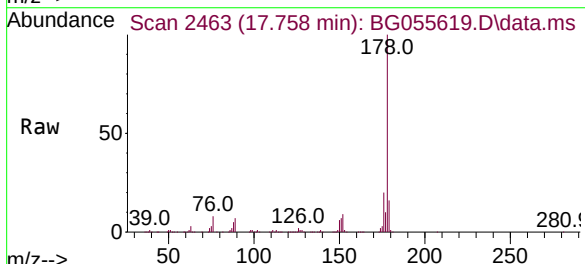
Tgt Ion:178 Resp: 670317
Ion Ratio Lower Upper
178 100
176 19.5 16.1 24.1
179 15.8 12.2 18.4

Manual Integrations
APPROVED

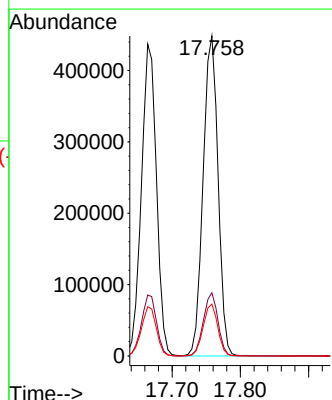
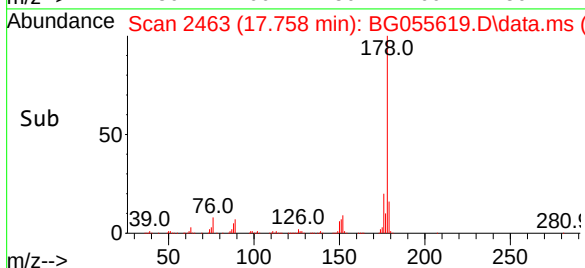
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

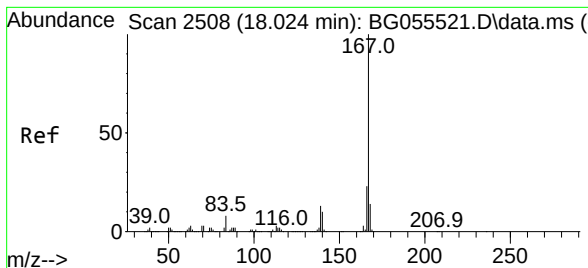


#72
Anthracene
Concen: 34.409 ng
RT: 17.758 min Scan# 2463
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57



Tgt Ion:178 Resp: 682755
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 16.2 13.0 19.4





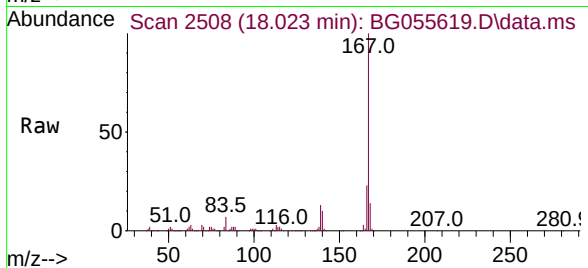
#73
 Carbazole
 Concen: 34.213 ng
 RT: 18.023 min Scan# 2508
 Delta R.T. 0.003 min
 Lab File: BG055619.D
 Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB148898BS

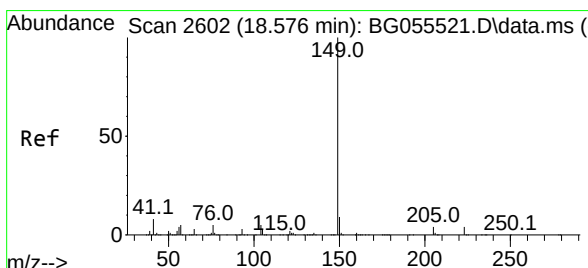
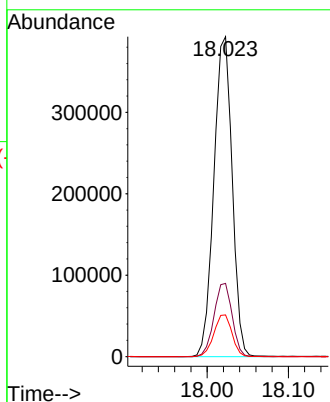
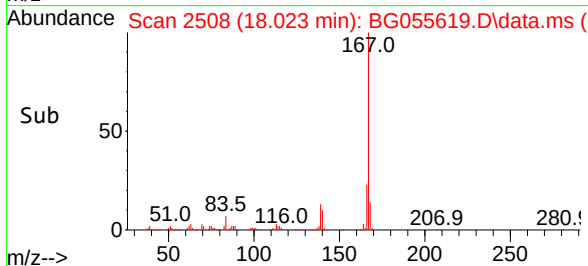


Tgt Ion:167 Resp: 613528
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.4
 139 13.0 10.4 15.6

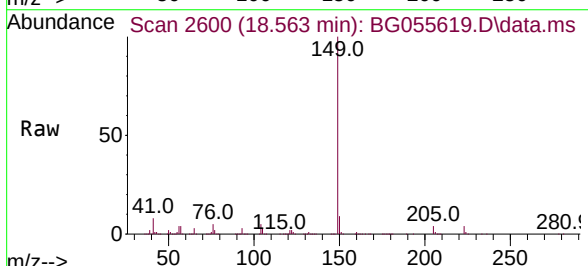
Manual Integrations

APPROVED

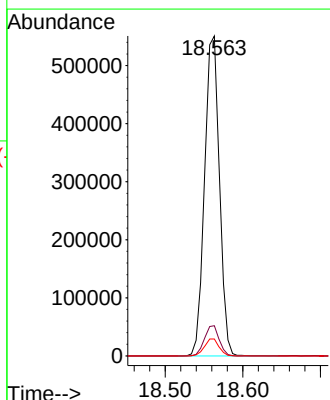
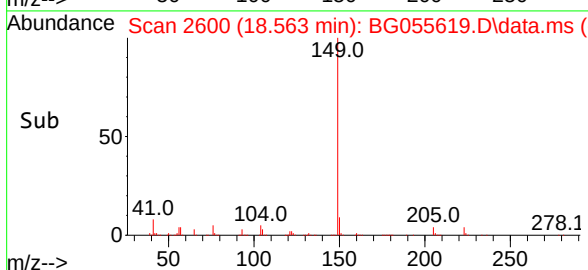
Reviewed By :Christian Giraldo 11/16/2022
 Supervised By :Jagrut Upadhyay 11/16/2022

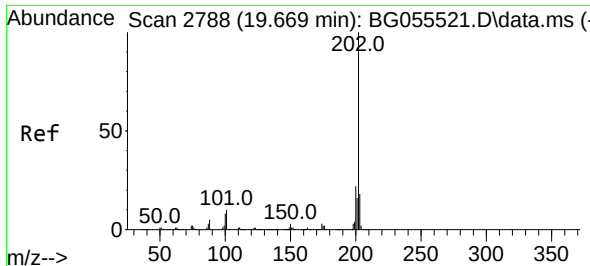


#74
 Di-n-butylphthalate
 Concen: 35.678 ng
 RT: 18.563 min Scan# 2600
 Delta R.T. 0.003 min
 Lab File: BG055619.D
 Acq: 15 Nov 2022 11:57



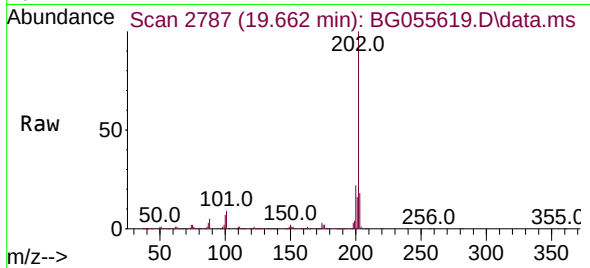
Tgt Ion:149 Resp: 733569
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.3 4.2 6.4





#75
Fluoranthene
Concen: 33.008 ng
RT: 19.662 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

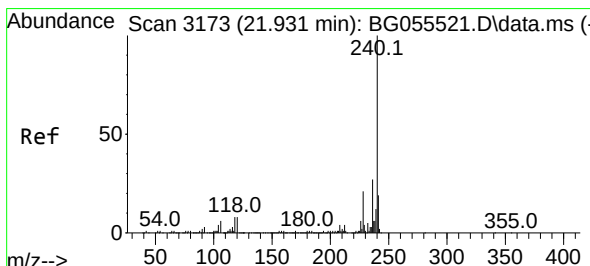
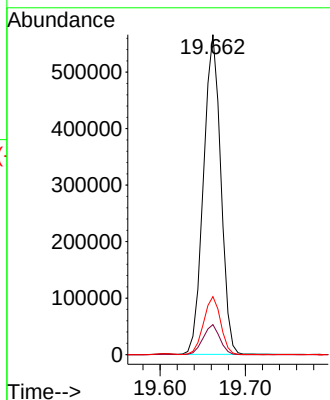
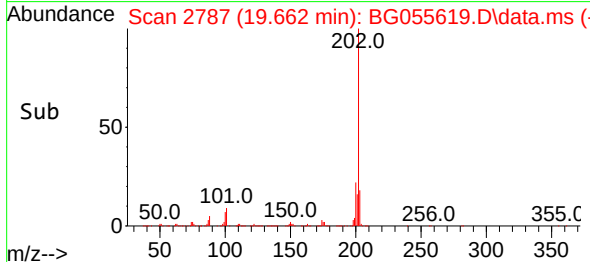
Instrument :
BNA_G
ClientSampleId :
PB148898BS



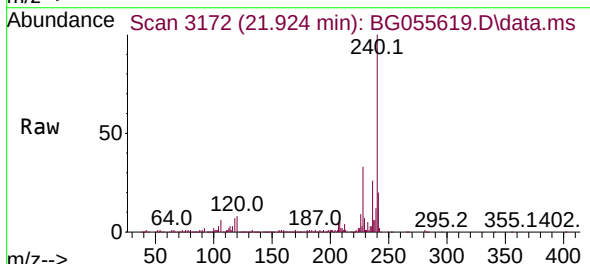
Tgt Ion:202 Resp: 796976
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.8
203 18.2 0.0 38.2

Manual Integrations
APPROVED

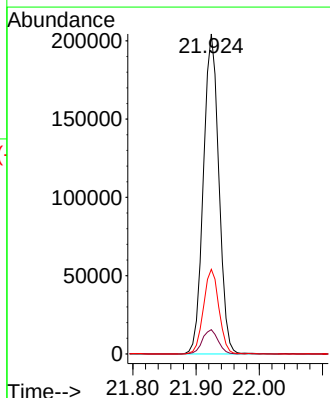
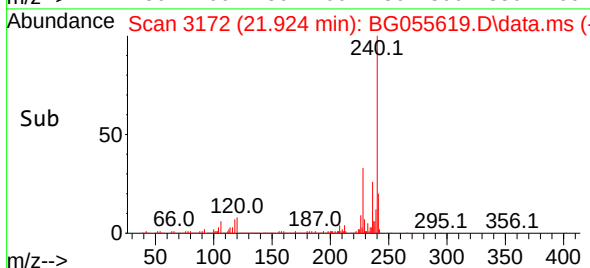
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

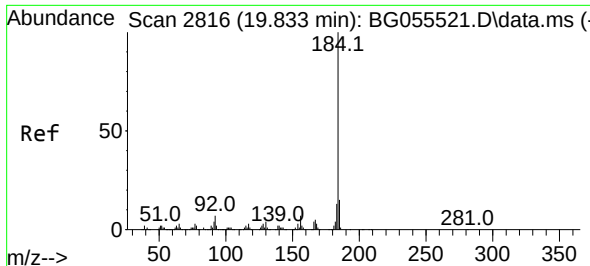


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3172
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57



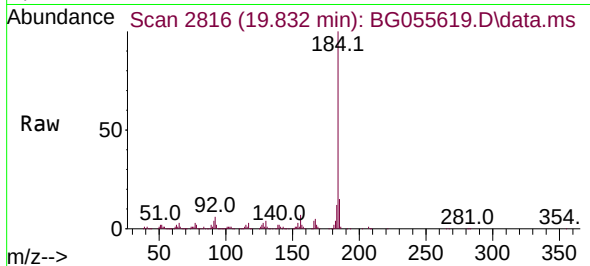
Tgt Ion:240 Resp: 346827
Ion Ratio Lower Upper
240 100
120 7.6 6.1 9.1
236 26.4 21.4 32.0





#77
Benzidine
Concen: 37.628 ng
RT: 19.832 min Scan# 2816
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

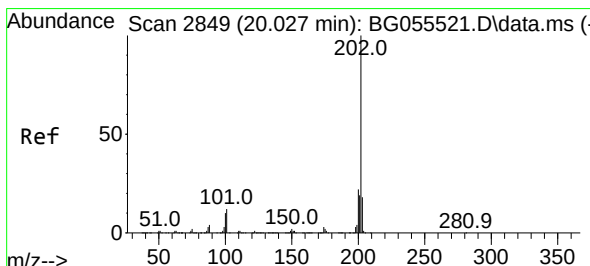
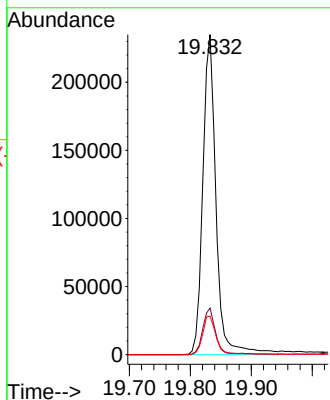
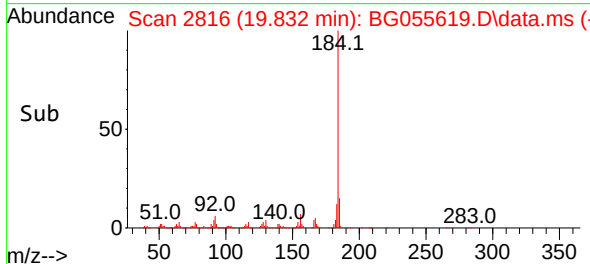
Instrument :
BNA_G
ClientSampleId :
PB148898BS



Tgt Ion:184 Resp: 353068
Ion Ratio Lower Upper
184 100
185 14.6 12.0 18.0
183 12.0 10.2 15.2

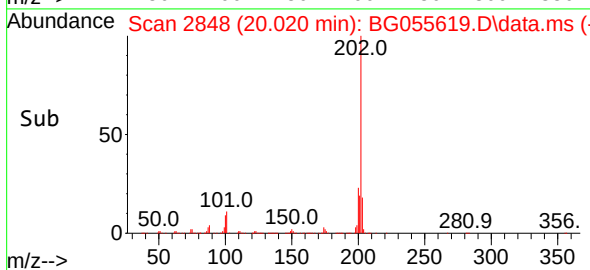
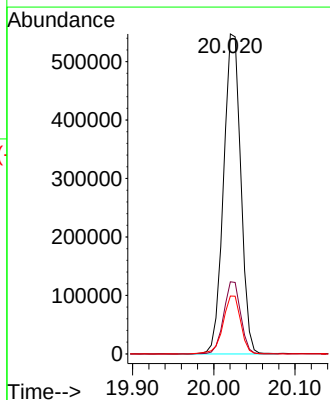
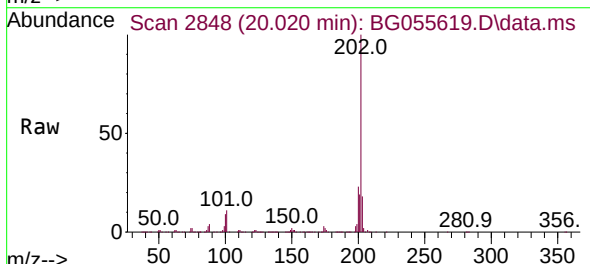
Manual Integrations
APPROVED

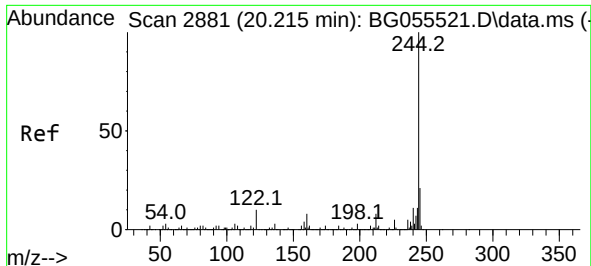
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#78
Pyrene
Concen: 34.267 ng
RT: 20.020 min Scan# 2848
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Tgt Ion:202 Resp: 804355
Ion Ratio Lower Upper
202 100
200 22.5 18.0 27.0
203 18.1 14.2 21.2





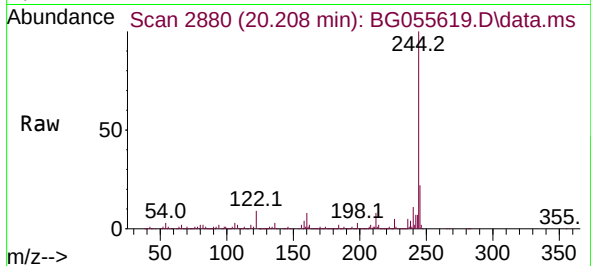
#79
 Terphenyl-d14
 Concen: 70.954 ng
 RT: 20.208 min Scan# 2881
 Delta R.T. -0.003 min
 Lab File: BG055619.D
 Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB148898BS

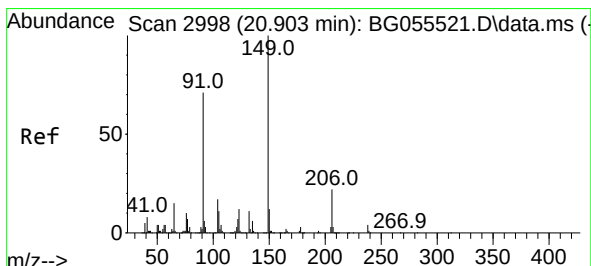
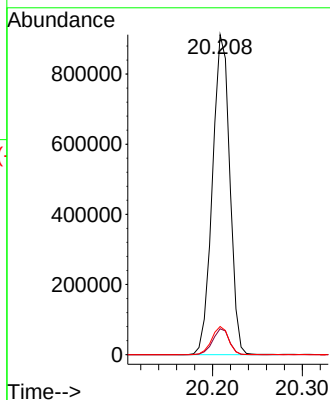
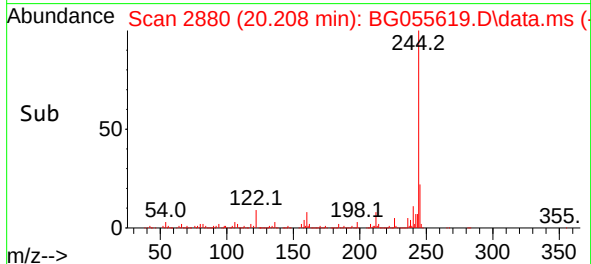


Tgt Ion:244 Resp: 1225203
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 8.8 7.7 11.5

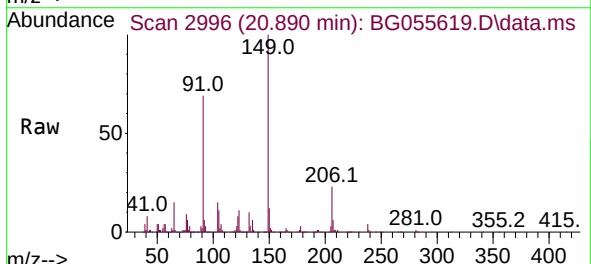
Manual Integrations

APPROVED

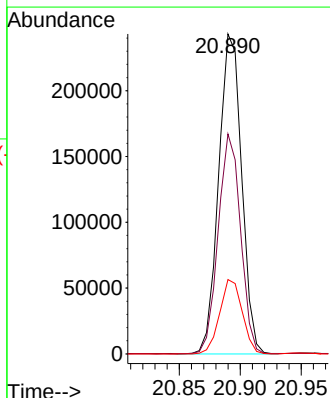
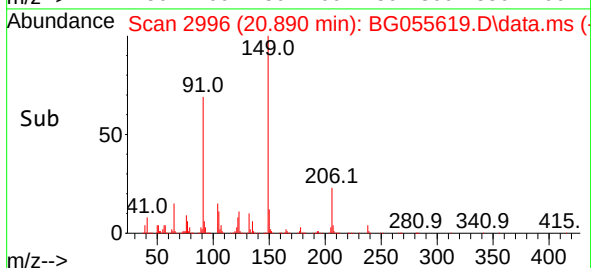
Reviewed By :Christian Giraldo 11/16/2022
 Supervised By :Jagrut Upadhyay 11/16/2022

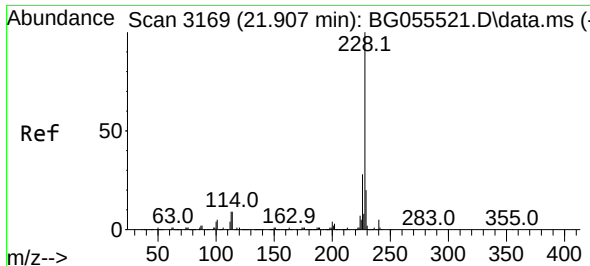


#80
 Butylbenzylphthalate
 Concen: 36.490 ng
 RT: 20.890 min Scan# 2996
 Delta R.T. -0.003 min
 Lab File: BG055619.D
 Acq: 15 Nov 2022 11:57



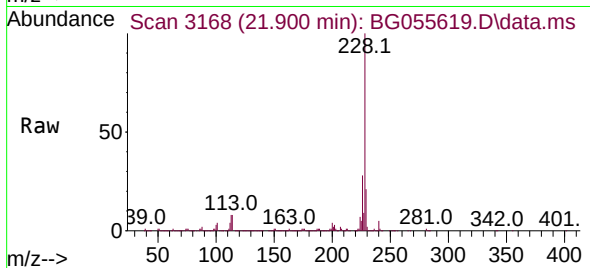
Tgt Ion:149 Resp: 318472
 Ion Ratio Lower Upper
 149 100
 91 68.7 56.8 85.2
 206 23.2 17.3 25.9





#81
Benzo(a)anthracene
Concen: 33.459 ng
RT: 21.900 min Scan# 3169
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

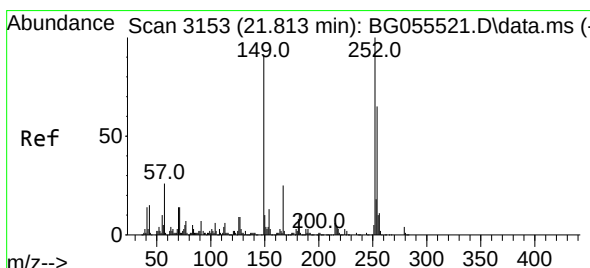
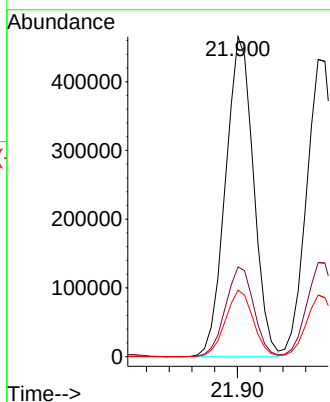
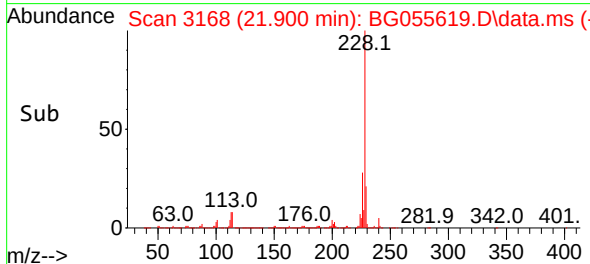
Instrument :
BNA_G
ClientSampleId :
PB148898BS



Tgt Ion:228 Resp: 794865
Ion Ratio Lower Upper
228 100
226 28.0 22.6 34.0
229 20.8 16.1 24.1

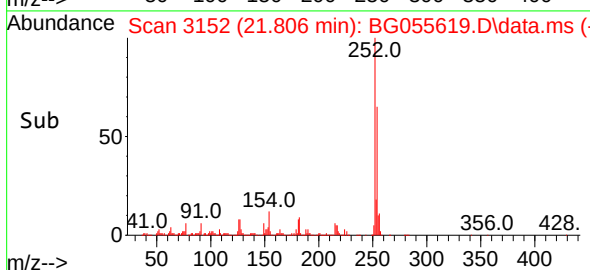
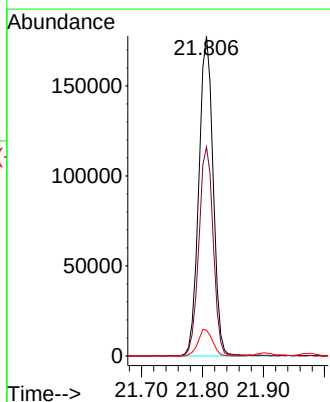
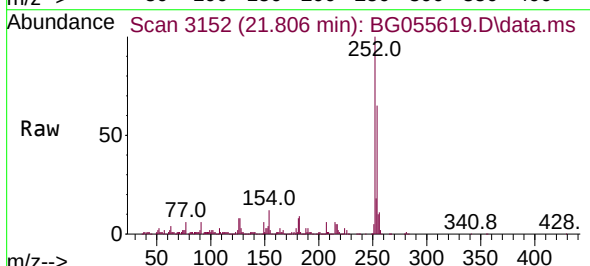
Manual Integrations
APPROVED

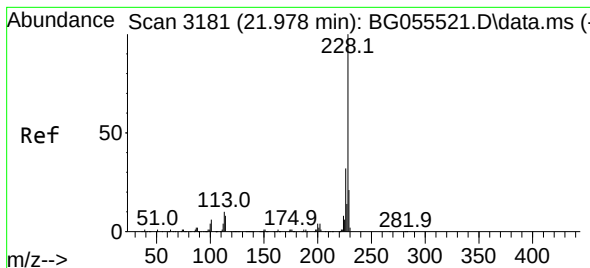
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#82
3,3'-Dichlorobenzidine
Concen: 37.217 ng
RT: 21.806 min Scan# 3152
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Tgt Ion:252 Resp: 288550
Ion Ratio Lower Upper
252 100
254 65.3 52.2 78.2
126 8.0 6.9 10.3





#83

Chrysene

Concen: 33.248 ng

RT: 21.971 min Scan# 3181

Delta R.T. -0.003 min

Lab File: BG055619.D

Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB148898BS

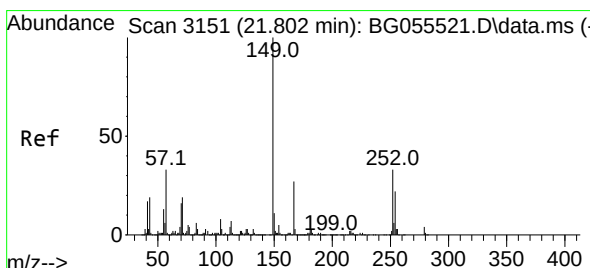
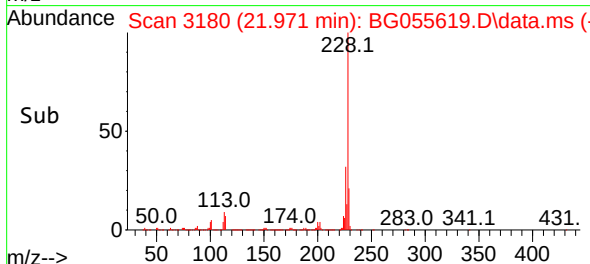
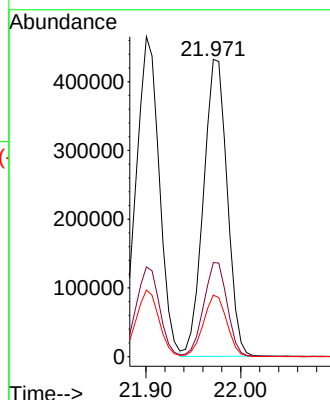
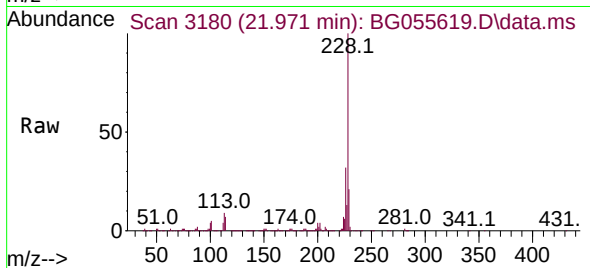
Tgt Ion:	228	Resp:	751056
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.7	38.5
229	20.7	16.6	25.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.391 ng

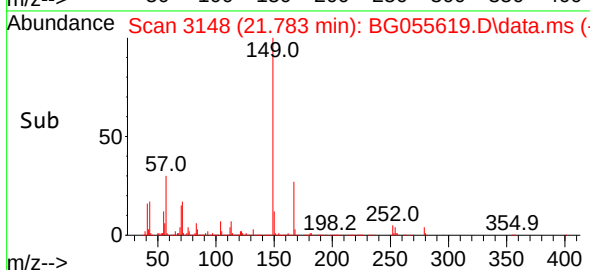
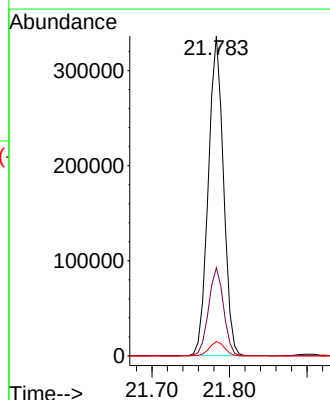
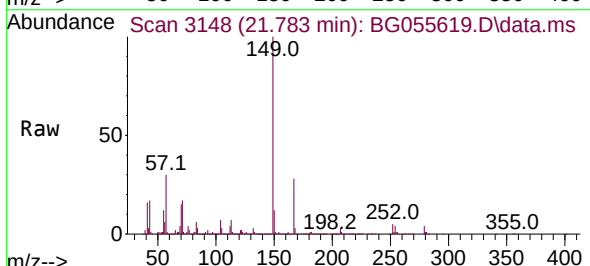
RT: 21.783 min Scan# 3148

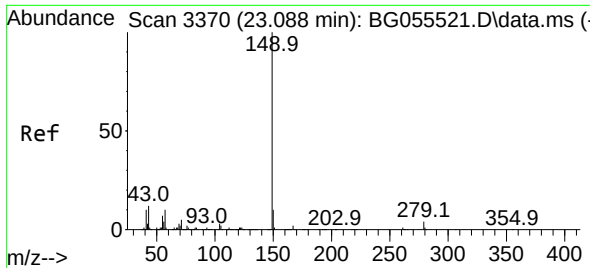
Delta R.T. 0.003 min

Lab File: BG055619.D

Acq: 15 Nov 2022 11:57

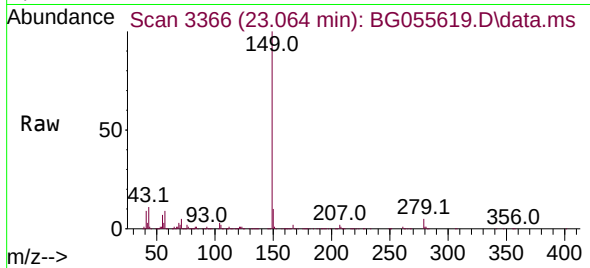
Tgt Ion:	149	Resp:	454797
Ion Ratio	Lower	Upper	
149	100		
167	27.5	21.4	32.2
279	4.5	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 37.577 ng
RT: 23.064 min Scan# 3370
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

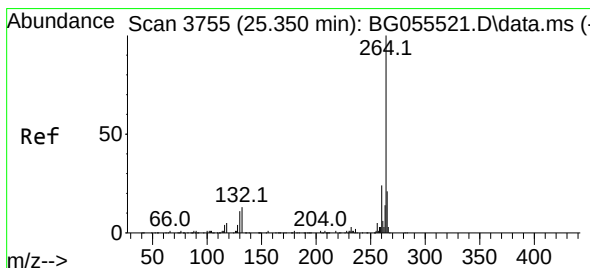
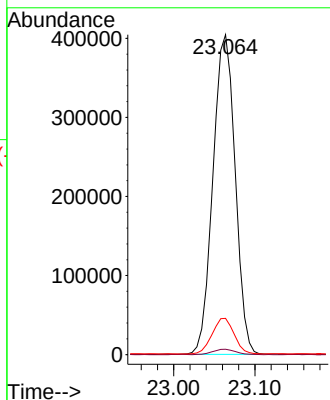
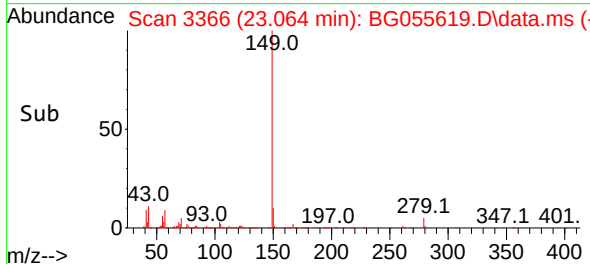
Instrument :
BNA_G
ClientSampleId :
PB148898BS



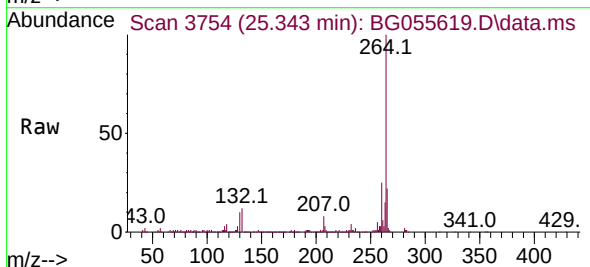
Tgt Ion:149 Resp: 769276
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.0 9.3 13.9

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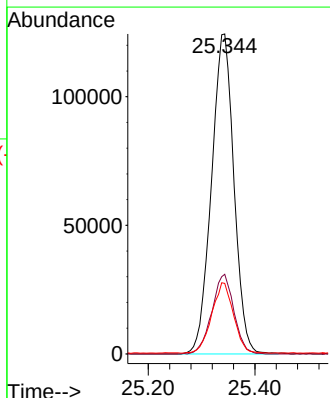
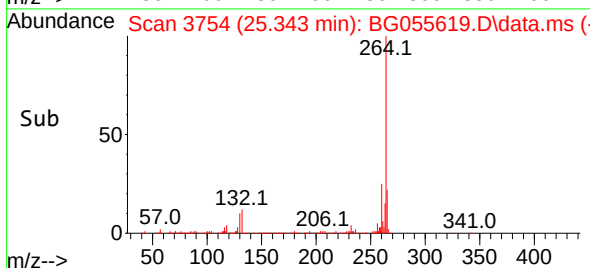
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

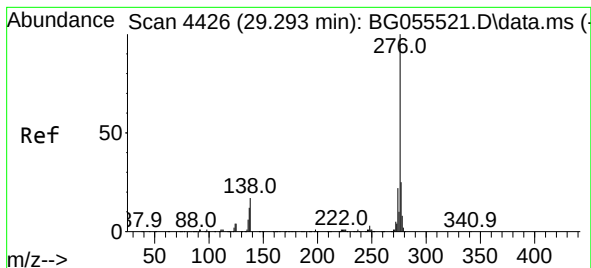


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.343 min Scan# 3754
Delta R.T. 0.009 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57



Tgt Ion:264 Resp: 363773
Ion Ratio Lower Upper
264 100
260 24.9 19.4 29.2
265 22.0 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.057 ng

RT: 29.274 min Scan# 4423

Delta R.T. -0.003 min

Lab File: BG055619.D

Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

ClientSampleId :

PB148898BS

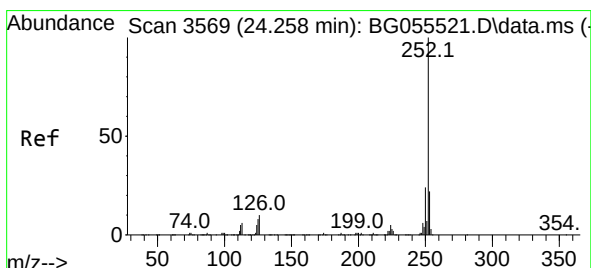
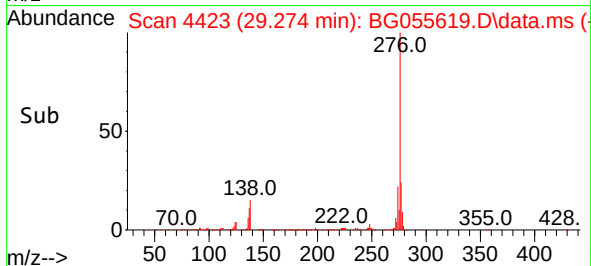
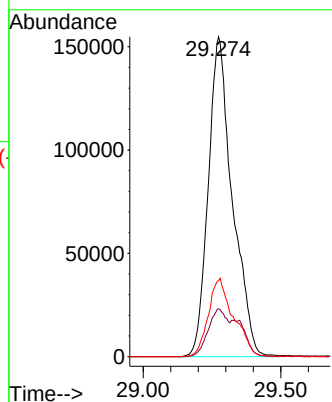
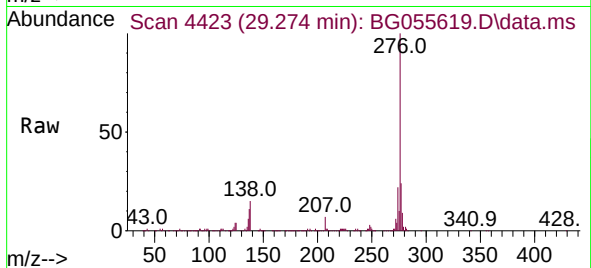
Tgt Ion:	276	Resp:	94358
Ion Ratio	Lower	Upper	
276	100		
138	11.9	11.5	17.3
277	25.6	20.4	30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#88

Benzo(b)fluoranthene

Concen: 36.526 ng

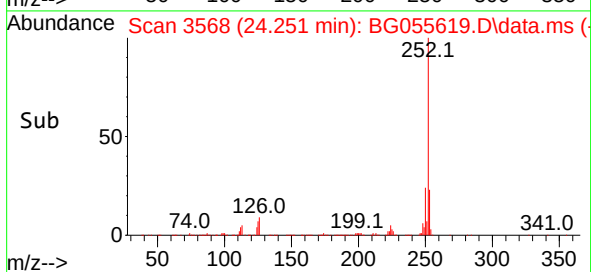
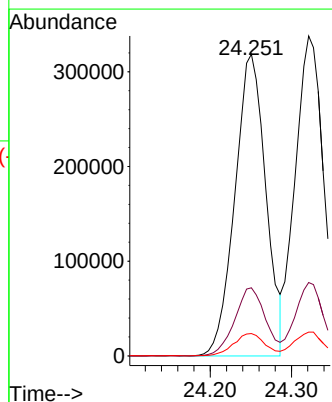
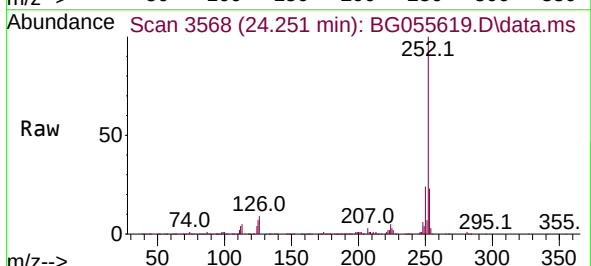
RT: 24.251 min Scan# 3568

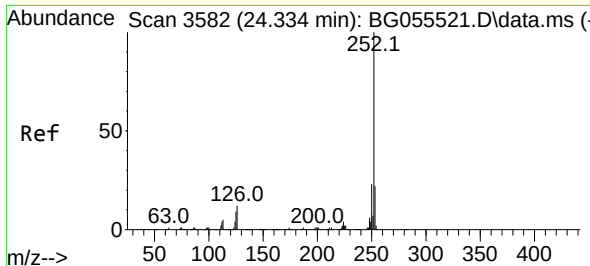
Delta R.T. 0.003 min

Lab File: BG055619.D

Acq: 15 Nov 2022 11:57

Tgt Ion:	252	Resp:	841878
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.9	26.9
125	7.4	6.7	10.1





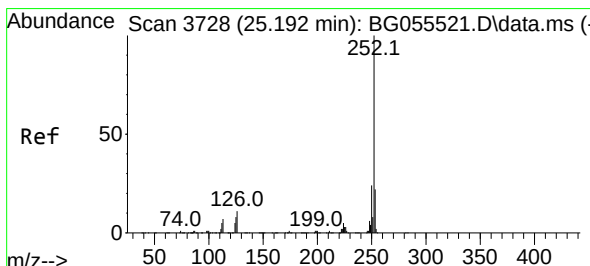
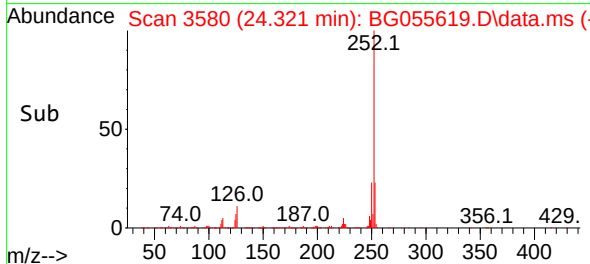
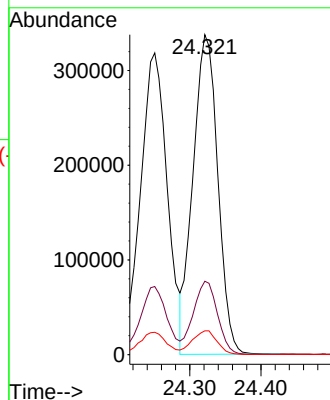
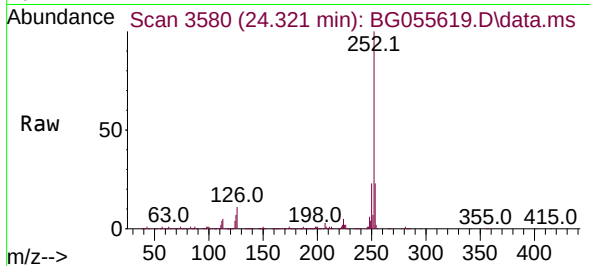
#89
Benzo(k)fluoranthene
Concen: 34.660 ng
RT: 24.321 min Scan# 3582
Delta R.T. -0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :
BNA_G
ClientSampleId :
PB148898BS

Tgt Ion:252 Resp: 816723
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 7.4 6.9 10.3

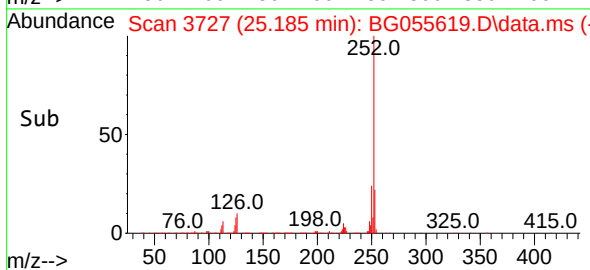
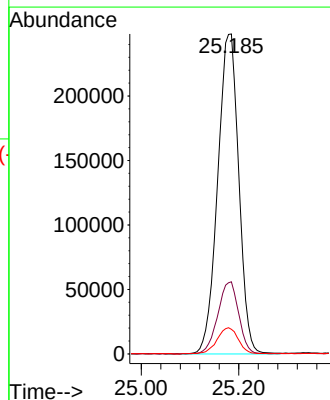
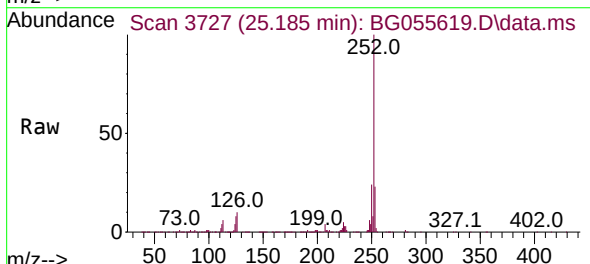
Manual Integrations
APPROVED

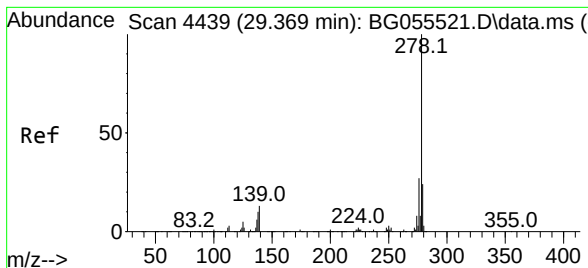
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#90
Benzo(a)pyrene
Concen: 37.437 ng
RT: 25.185 min Scan# 3727
Delta R.T. 0.009 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Tgt Ion:252 Resp: 743288
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 7.7 6.7 10.1





#91
Dibenzo(a,h)anthracene
Concen: 35.049 ng
RT: 29.351 min Scan# 4439
Delta R.T. 0.003 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Instrument :

BNA_G

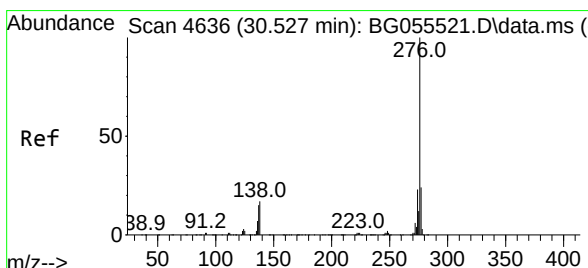
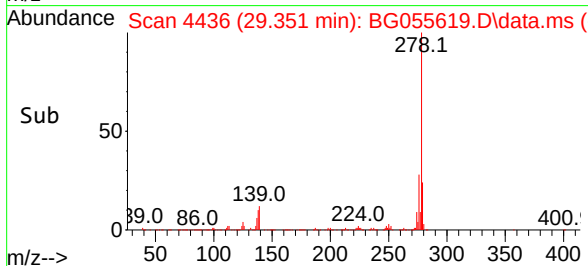
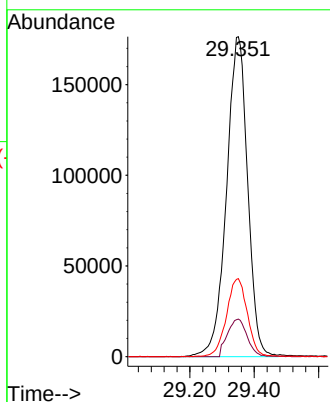
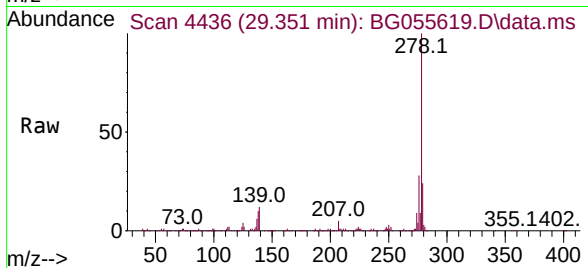
ClientSampleId :

PB148898BS

Tgt Ion:278 Resp: 803840
Ion Ratio Lower Upper
278 100
139 11.7 10.6 15.8
279 24.4 19.4 29.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#92
Benzo(g,h,i)perylene
Concen: 35.079 ng
RT: 30.526 min Scan# 4636
Delta R.T. 0.009 min
Lab File: BG055619.D
Acq: 15 Nov 2022 11:57

Tgt Ion:276 Resp: 786470
Ion Ratio Lower Upper
276 100
277 23.4 19.3 28.9
138 15.9 13.9 20.9

