

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055346.D
 Acq On : 28 Oct 2022 17:59
 Operator : CG/JU
 Sample : N5256-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-F2-COMPMS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/31/2022
 Supervised By : Jagrut Upadhyay 11/01/2022

Quant Time: Oct 29 04:54:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.267	152	29900	20.000	ng	0.00
21) Naphthalene-d8	11.093	136	135752	20.000	ng	0.00
39) Acenaphthene-d10	14.876	164	93968	20.000	ng	0.00
64) Phenanthrene-d10	17.609	188	216250	20.000	ng	0.00
76) Chrysene-d12	21.886	240	198799	20.000	ng	0.00
86) Perylene-d12	25.276	264	214702	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.787	112	253488	148.445	ng	0.00
7) Phenol-d6	7.415	99	347753	140.566	ng	0.00
23) Nitrobenzene-d5	9.442	82	209761	78.902	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	160210	156.836	ng	0.00
45) 2-Fluorobiphenyl	13.507	172	493291	85.922	ng	0.00
79) Terphenyl-d14	20.182	244	842942	88.097	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.596	88	33306	40.395	ng	98
3) Pyridine	4.013	79	87071	35.068	ng	96
4) n-Nitrosodimethylamine	3.925	42	44027	39.911	ng	92
6) Aniline	7.579	93	133290	41.156	ng	100
8) 2-Chlorophenol	7.826	128	106139	53.463	ng	97
9) Benzaldehyde	7.391	77	50940	30.157	ng	98
10) Phenol	7.438	94	140509	50.705	ng	100
11) bis(2-Chloroethyl)ether	7.667	93	96034	45.909	ng	97
12) 1,3-Dichlorobenzene	8.155	146	107973	49.846	ng	96
13) 1,4-Dichlorobenzene	8.302	146	109696	49.580	ng	99
14) 1,2-Dichlorobenzene	8.625	146	107508	50.468	ng	97
15) Benzyl Alcohol	8.502	79	97878m	47.278	ng	
16) 2,2'-oxybis(1-Chloropr...	8.784	45	142603	41.656	ng	98
17) 2-Methylphenol	8.701	107	97067	49.530	ng	99
18) Hexachloroethane	9.359	117	38798	49.246	ng	92
19) n-Nitroso-di-n-propyla...	9.066	70	86177	41.948	ng	97
20) 3+4-Methylphenols	9.030	107	133900	47.704	ng	97
22) Acetophenone	9.089	105	161780	46.614	ng	# 97
24) Nitrobenzene	9.483	77	122282	44.175	ng	97
25) Isophorone	10.000	82	242834	45.222	ng	97
26) 2-Nitrophenol	10.200	139	63164	52.106	ng	96
27) 2,4-Dimethylphenol	10.247	122	104395m	55.163	ng	
28) bis(2-Chloroethoxy)met...	10.476	93	139817	51.570	ng	99
29) 2,4-Dichlorophenol	10.734	162	110052	54.208	ng	98
30) 1,2,4-Trichlorobenzene	10.952	180	103467	49.935	ng	99
31) Naphthalene	11.146	128	330895	45.692	ng	99
32) Benzoic acid	10.382	122	23401m	19.098	ng	
33) 4-Chloroaniline	11.245	127	84847	27.405	ng	99
34) Hexachlorobutadiene	11.416	225	62268	52.596	ng	98
35) Caprolactam	12.015	113	39960m	42.410	ng	
36) 4-Chloro-3-methylphenol	12.350	107	125840	49.260	ng	98
37) 2-Methylnaphthalene	12.726	142	240174	45.999	ng	99
38) 1-Methylnaphthalene	12.943	142	231327	44.908	ng	99
40) 1,2,4,5-Tetrachloroben...	13.090	216	121207	53.480	ng	100
41) Hexachlorocyclopentadiene	13.067	237	139452	126.748	ng	96
43) 2,4,6-Trichlorophenol	13.325	196	88949	53.138	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.402	196	96495	52.118	ng	97
46) 1,1'-Biphenyl	13.719	154	328622	50.989	ng	99
47) 2-Chloronaphthalene	13.766	162	248978	48.990	ng	98
48) 2-Nitroaniline	13.966	65	87313	43.930	ng	93
49) Acenaphthylene	14.606	152	416502	47.474	ng	100
50) Dimethylphthalate	14.318	163	341519	46.290	ng	100
51) 2,6-Dinitrotoluene	14.448	165	74148	49.389	ng	91
52) Acenaphthene	14.941	154	255940m	45.767	ng	
53) 3-Nitroaniline	14.777	138	63497	33.651	ng	99
54) 2,4-Dinitrophenol	14.988	184	25096	31.169	ng	94
55) Dibenzofuran	15.270	168	401707	47.880	ng	98
56) 4-Nitrophenol	15.088	139	130405	96.625	ng	93
57) 2,4-Dinitrotoluene	15.229	165	106895	49.065	ng	92
58) Fluorene	15.916	166	324925	46.545	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.493	232	83451	50.558	ng	96
60) Diethylphthalate	15.664	149	359408	45.795	ng	99
61) 4-Chlorophenyl-phenyle...	15.899	204	165272	51.519	ng	96
62) 4-Nitroaniline	15.934	138	84330	42.529	ng	98
63) Azobenzene	16.193	77	330738	43.258	ng	98
65) 4,6-Dinitro-2-methylph...	15.993	198	28456	23.937	ng	92
66) n-Nitrosodiphenylamine	16.110	169	293531	48.767	ng	100
67) 4-Bromophenyl-phenylether	16.792	248	111111	52.886	ng	97
68) Hexachlorobenzene	16.921	284	122232	51.455	ng	95
69) Atrazine	17.050	200	116719	57.027	ng	99
70) Pentachlorophenol	17.262	266	106621	79.467	ng	97
71) Phenanthrene	17.656	178	532628	46.184	ng	99
72) Anthracene	17.744	178	542655	48.131	ng	100
73) Carbazole	18.008	167	519052	47.865	ng	99
74) Di-n-butylphthalate	18.537	149	647975	47.802	ng	100
75) Fluoranthene	19.641	202	626422	46.614	ng	98
77) Benzidine	19.812	184	212965	44.243	ng	99
78) Pyrene	20.000	202	633936	46.523	ng	99
80) Butylbenzylphthalate	20.858	149	284742	44.221	ng	91
81) Benzo(a)anthracene	21.862	228	600418	44.976	ng	99
82) 3,3'-Dichlorobenzidine	21.768	252	169806	39.055	ng	99
83) Chrysene	21.939	228	557859	43.993	ng	99
84) Bis(2-ethylhexyl)phtha...	21.733	149	404591	43.984	ng	97
85) Di-n-octyl phthalate	22.990	149	677874	44.235	ng	97
87) Indeno(1,2,3-cd)pyrene	29.195	276	721392	45.492	ng	# 95
88) Benzo(b)fluoranthene	24.195	252	628043	48.630	ng	98
89) Benzo(k)fluoranthene	24.265	252	608473	46.659	ng	98
90) Benzo(a)pyrene	25.117	252	555091	50.121	ng	98
91) Dibenzo(a,h)anthracene	29.254	278	625055	48.032	ng	98
92) Benzo(g,h,i)perylene	30.417	276	614884	47.638	ng	97

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

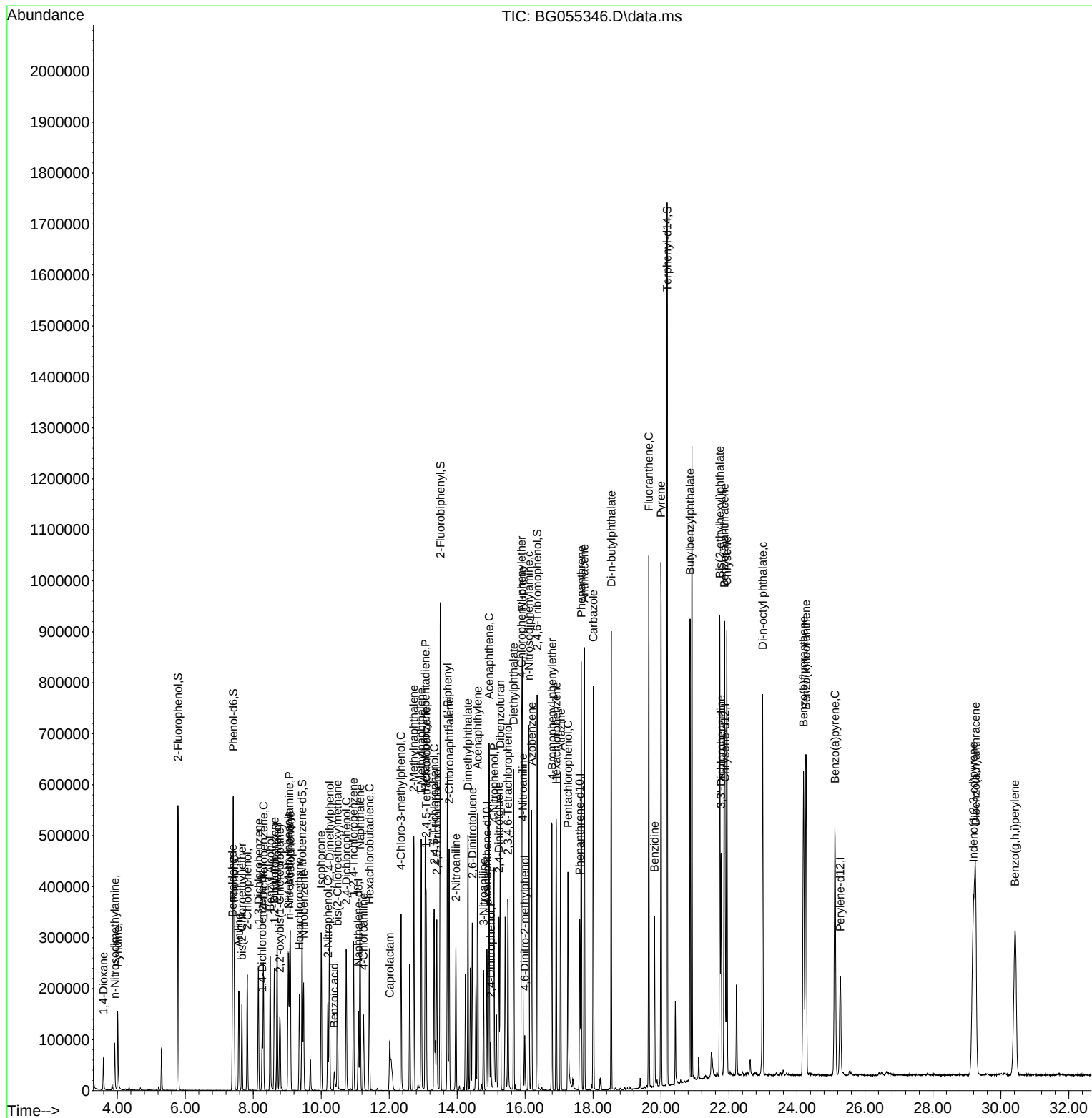
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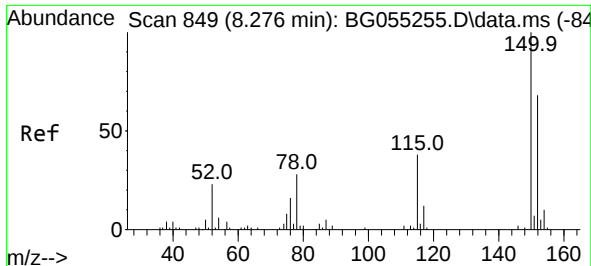
Instrument :
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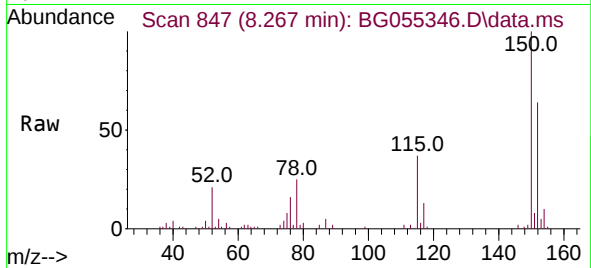
Reviewed By : Christian Giraldo 10/31/2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.267 min Scan# 84
Delta R.T. 0.002 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

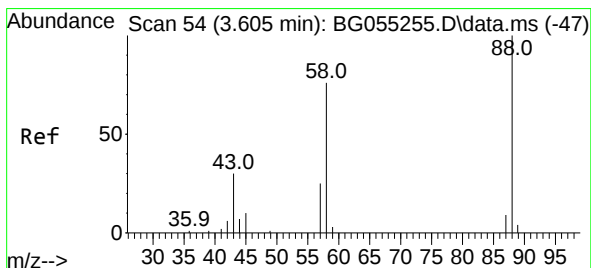
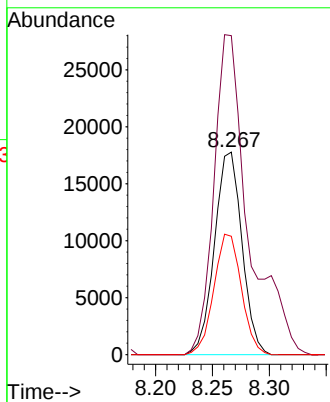
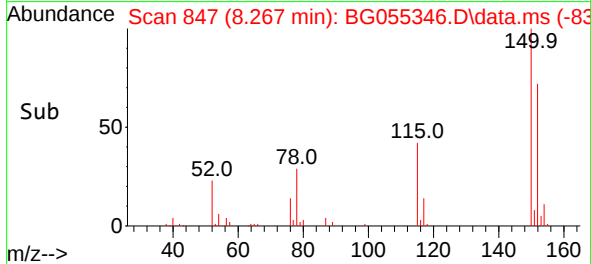
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



Tgt Ion:152 Resp: 29900
Ion Ratio Lower Upper
152 100
150 157.4 118.2 177.4
115 58.4 44.5 66.7

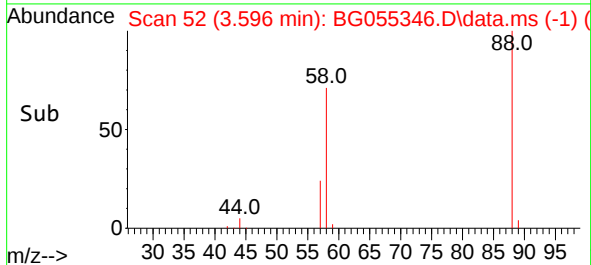
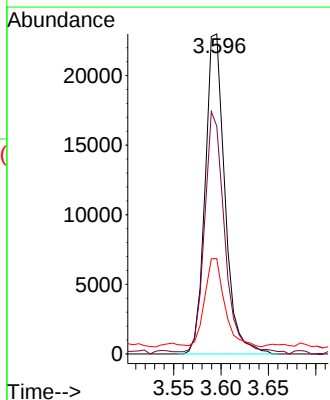
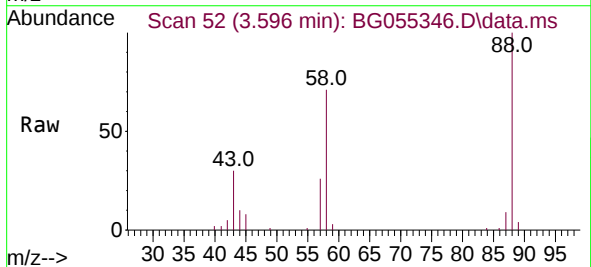
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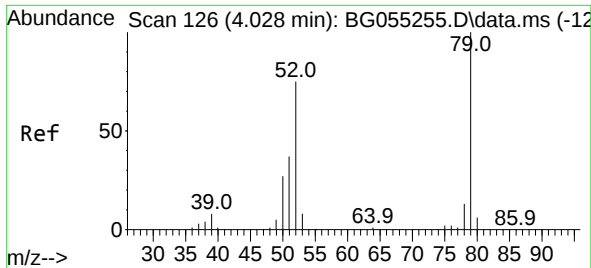
Reviewed By :Christian Giraldo 10/31/2022
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#2
1,4-Dioxane
Concen: 40.395 ng
RT: 3.596 min Scan# 52
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

Tgt Ion: 88 Resp: 33306
Ion Ratio Lower Upper
88 100
58 78.2 61.0 91.6
43 27.9 21.5 32.3





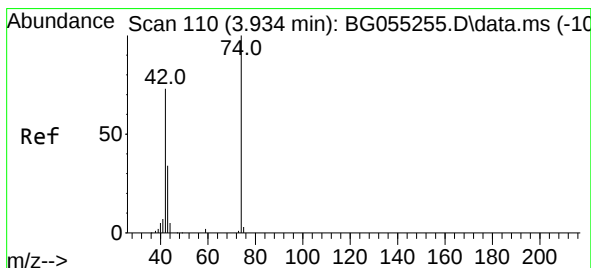
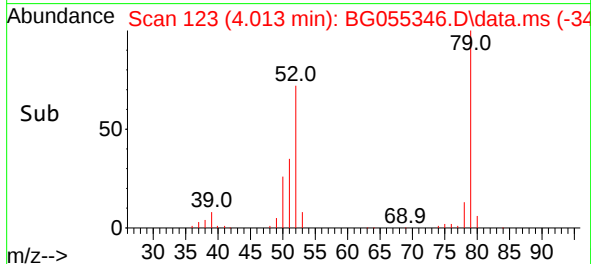
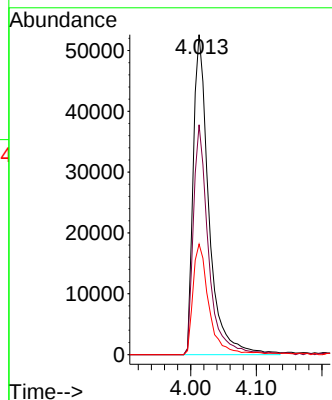
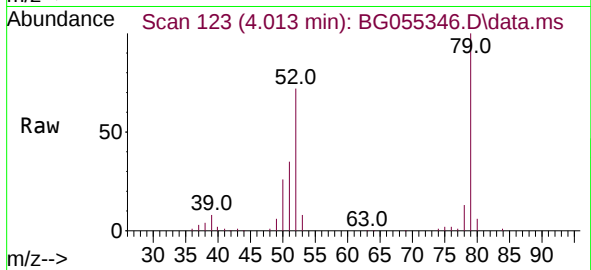
#3
Pyridine
Concen: 35.068 ng
RT: 4.013 min Scan# 110
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS

Tgt Ion: 79 Resp: 8707
Ion Ratio Lower Upper
79 100
52 71.8 59.9 89.9
51 34.5 30.3 45.5

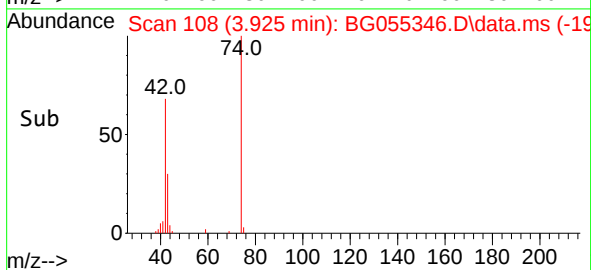
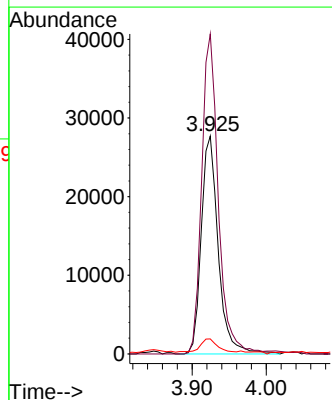
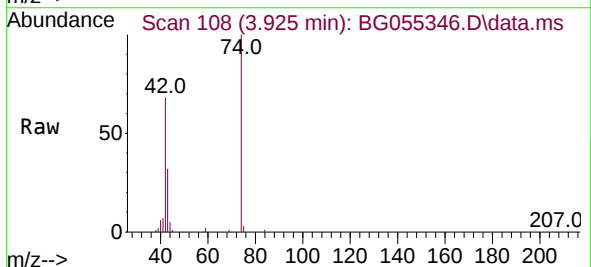
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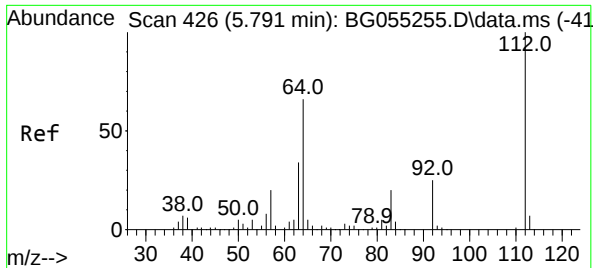
Reviewed By :Christian Giraldo 10/31/2022
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#4
n-Nitrosodimethylamine
Concen: 39.911 ng
RT: 3.925 min Scan# 108
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

Tgt Ion: 42 Resp: 44027
Ion Ratio Lower Upper
42 100
74 146.8 109.8 164.6
44 6.9 6.5 9.7





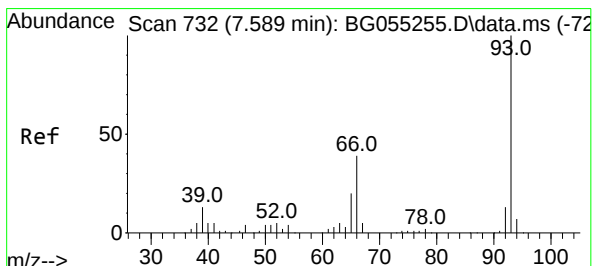
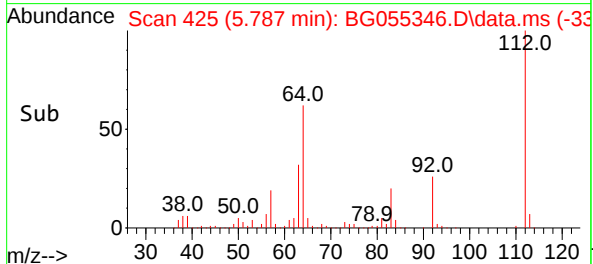
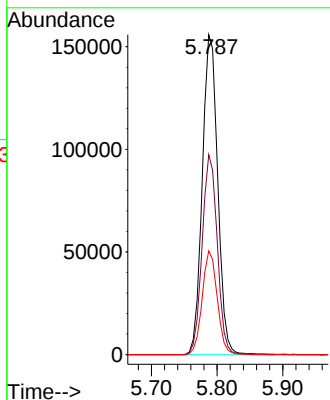
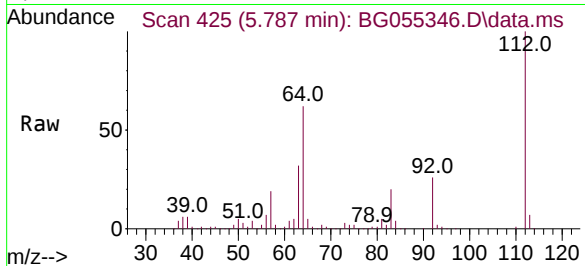
#5
2-Fluorophenol
Concen: 148.445 ng
RT: 5.787 min Scan# 41
Delta R.T. 0.002 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:112 Resp: 253488
Ion Ratio Lower Upper
112 100
64 62.5 52.6 78.8
63 32.4 27.1 40.7

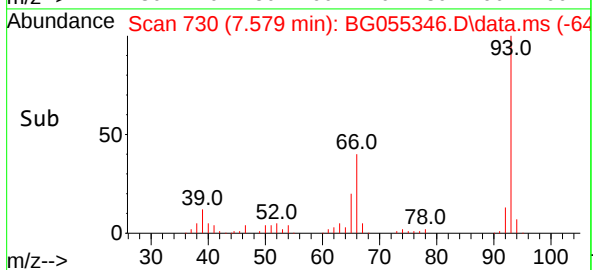
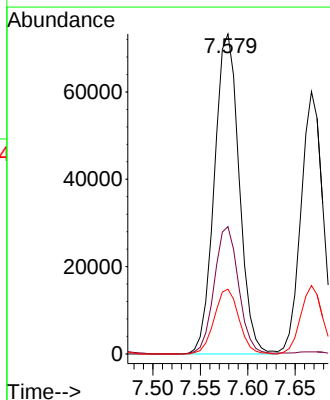
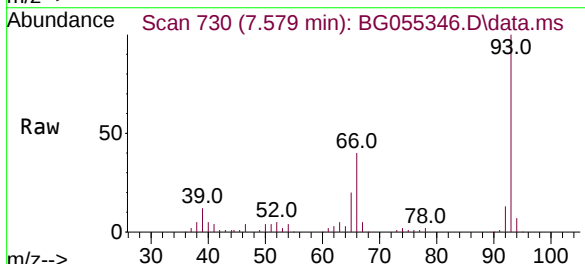
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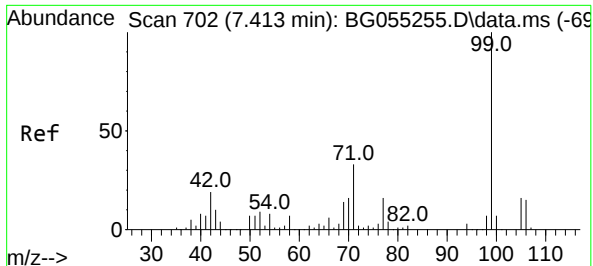
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#6
Aniline
Concen: 41.156 ng
RT: 7.579 min Scan# 730
Delta R.T. 0.002 min
Lab File: BG055346.D
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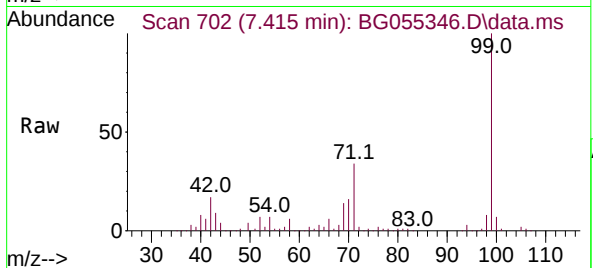
Tgt Ion: 93 Resp: 133290
Ion Ratio Lower Upper
93 100
66 39.8 31.6 47.4
65 20.2 16.0 24.0





#7
Phenol-d6
Concen: 140.566 ng
RT: 7.415 min Scan# 702
Delta R.T. 0.002 min
Lab File: BG055346.D
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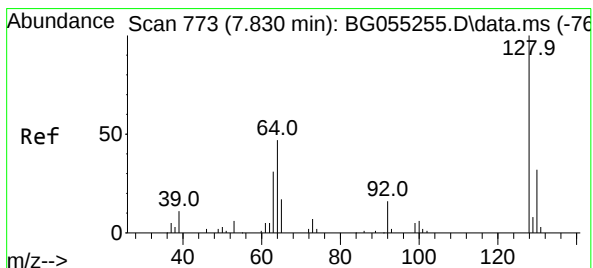
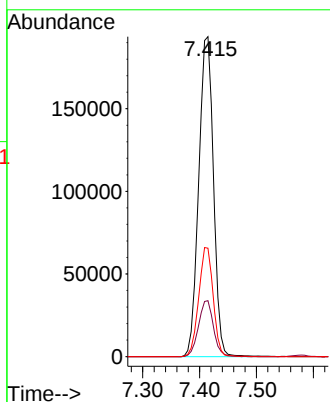
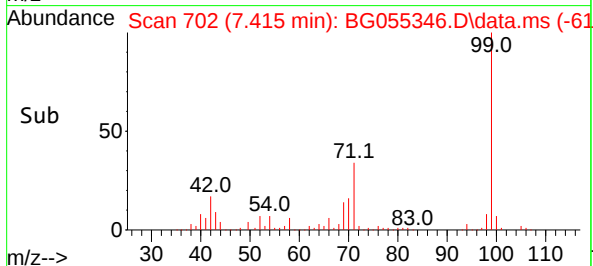
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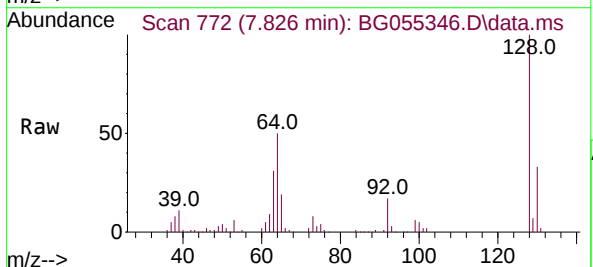
Tgt Ion: 99 Resp: 347753
Ion Ratio Lower Upper
99 100
42 17.5 15.2 22.8
71 33.9 26.2 39.4

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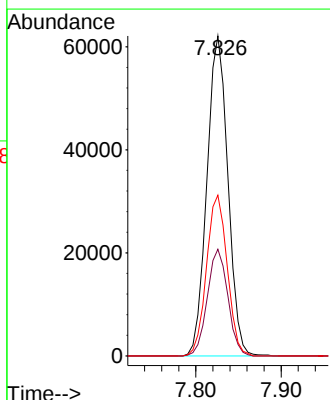
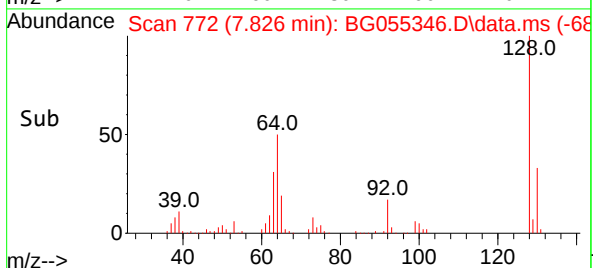
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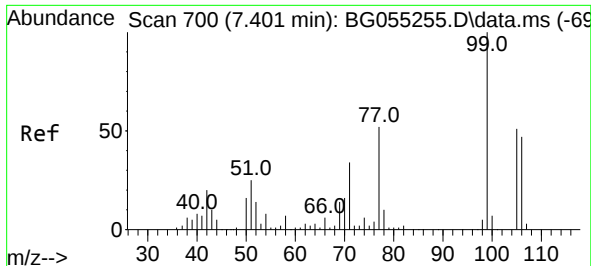


#8
2-Chlorophenol
Concen: 53.463 ng
RT: 7.826 min Scan# 772
Delta R.T. 0.002 min
Lab File: BG055346.D
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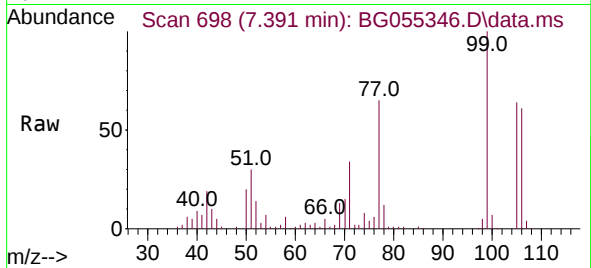
Tgt Ion:128 Resp: 106139
Ion Ratio Lower Upper
128 100
130 33.3 12.4 52.4
64 50.2 33.2 73.2





#9
Benzaldehyde
Concen: 30.157 ng
RT: 7.391 min Scan# 69
Delta R.T. -0.004 min
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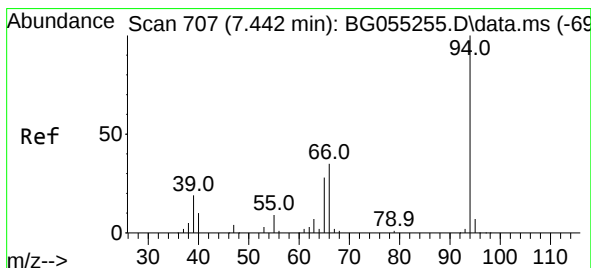
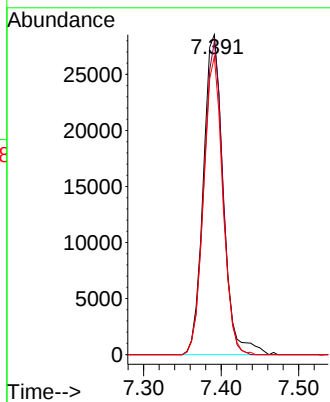
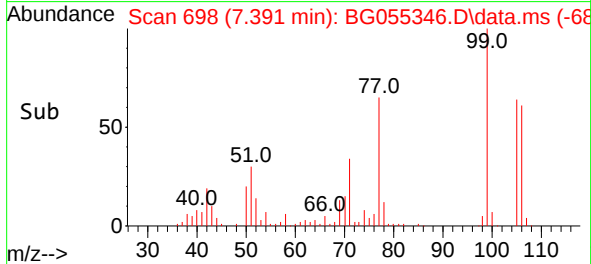
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Tgt Ion: 77 Resp: 50940
Ion Ratio Lower Upper
77 100
105 97.8 77.9 117.9
106 93.1 69.9 109.9

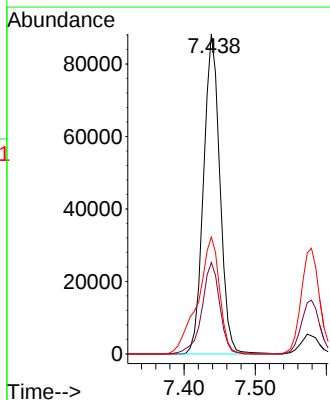
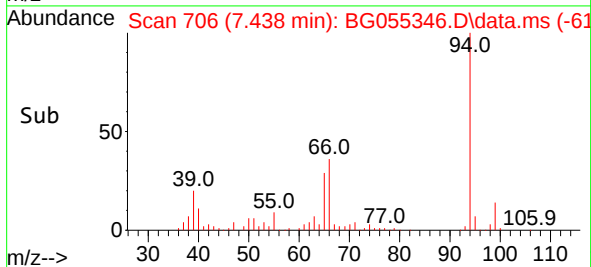
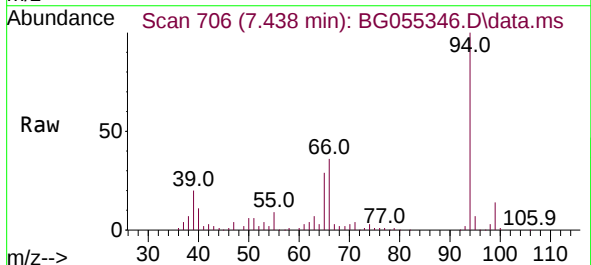
Manual Integrations
APPROVED

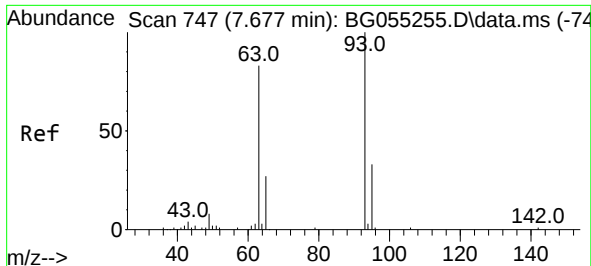
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#10
Phenol
Concen: 50.705 ng
RT: 7.438 min Scan# 706
Delta R.T. 0.002 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

Tgt Ion: 94 Resp: 140509
Ion Ratio Lower Upper
94 100
65 28.5 8.4 48.4
66 36.5 16.3 56.3





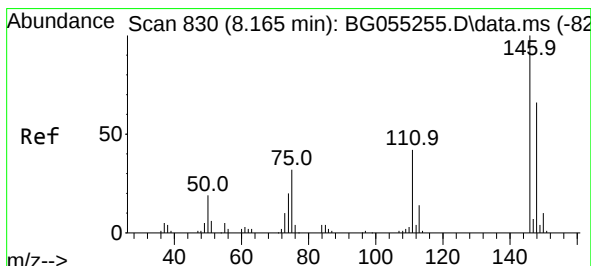
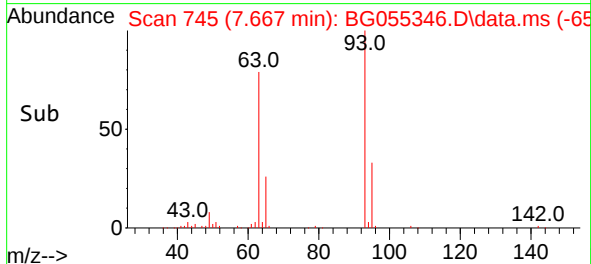
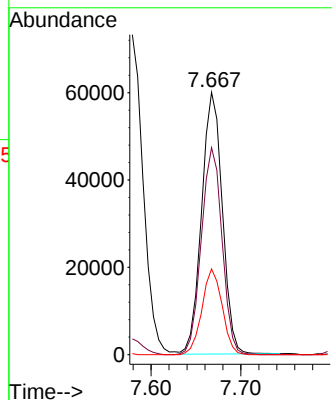
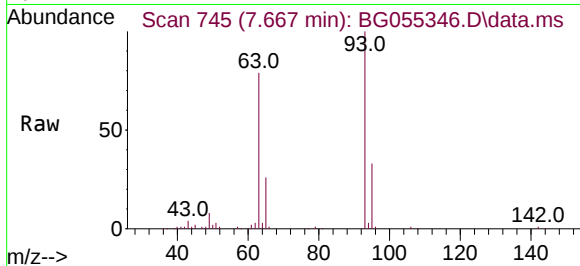
#11
bis(2-Chloroethyl)ether
Concen: 45.909 ng
RT: 7.667 min Scan# 74
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS

Tgt Ion: 93 Resp: 96034
Ion Ratio Lower Upper
93 100
63 78.9 62.0 102.0
95 32.6 12.4 52.4

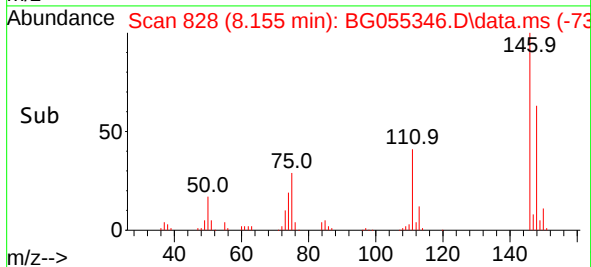
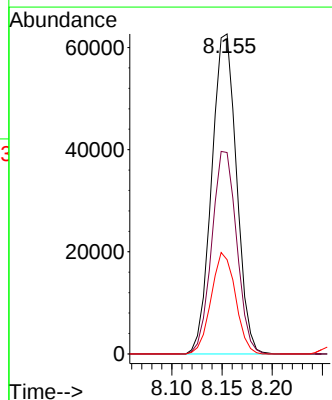
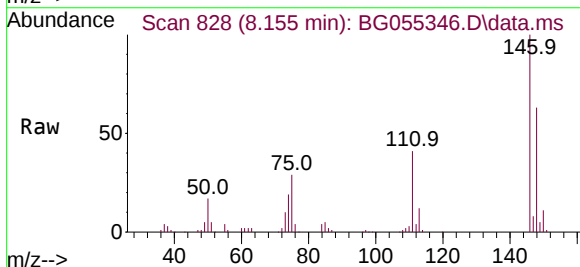
Manual Integrations
APPROVED

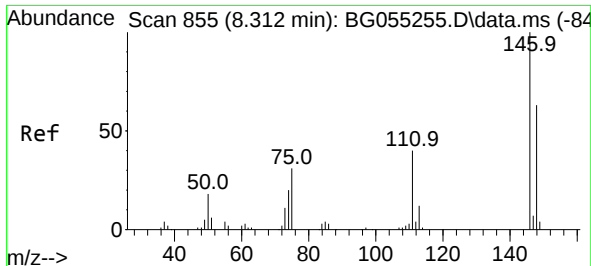
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#12
1,3-Dichlorobenzene
Concen: 49.846 ng
RT: 8.155 min Scan# 828
Delta R.T. 0.002 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

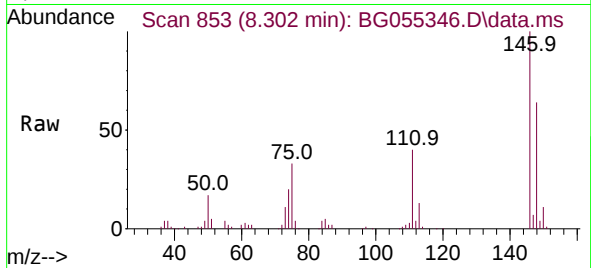
Tgt Ion:146 Resp: 107973
Ion Ratio Lower Upper
146 100
148 62.9 52.9 79.3
75 29.4 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 49.580 ng
RT: 8.302 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

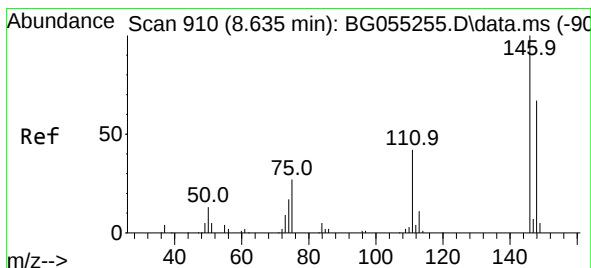
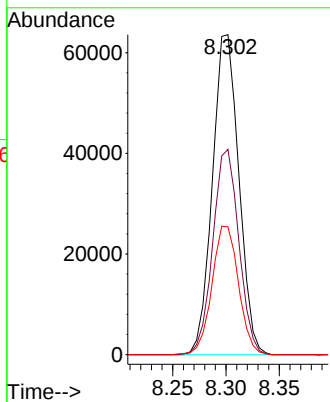
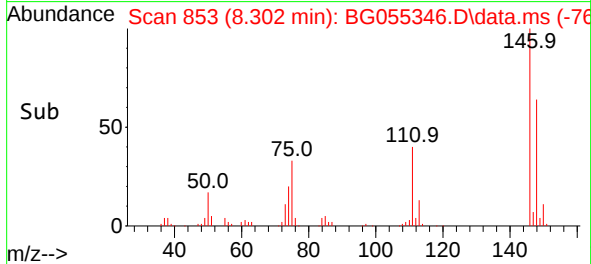
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



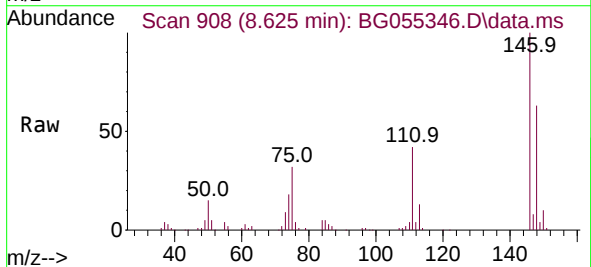
Tgt Ion:146 Resp: 109696
Ion Ratio Lower Upper
146 100
148 64.1 50.5 75.7
111 39.9 32.4 48.6

Manual Integrations
APPROVED

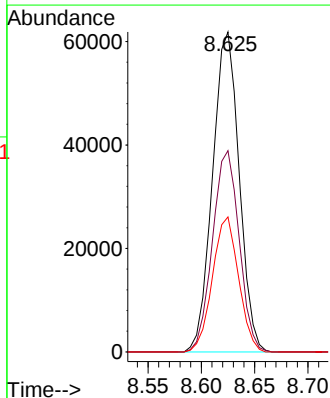
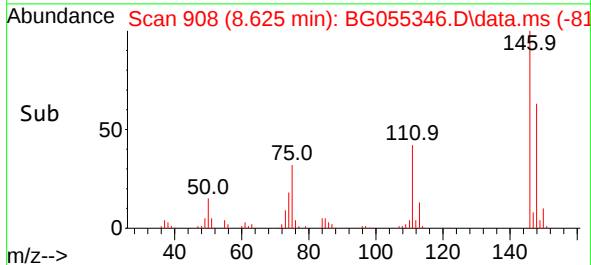
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

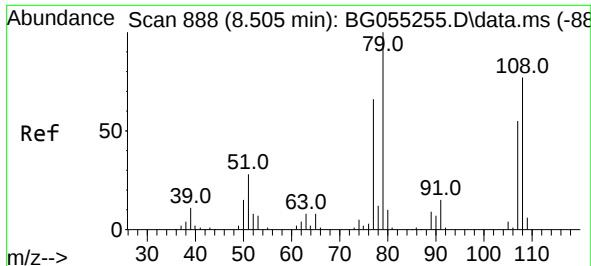


#14
1,2-Dichlorobenzene
Concen: 50.468 ng
RT: 8.625 min Scan# 908
Delta R.T. 0.002 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59



Tgt Ion:146 Resp: 107508
Ion Ratio Lower Upper
146 100
148 62.9 53.4 80.0
111 42.2 34.0 51.0





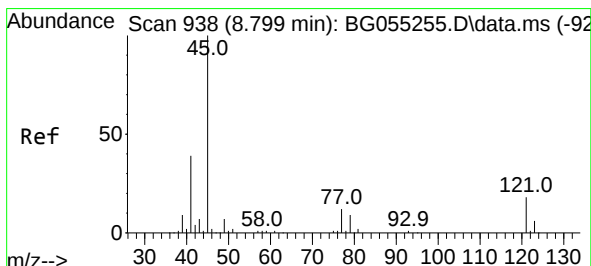
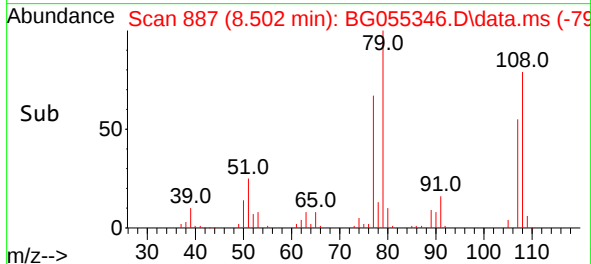
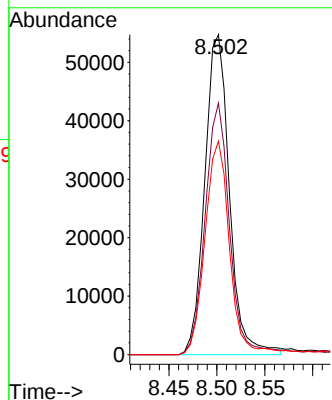
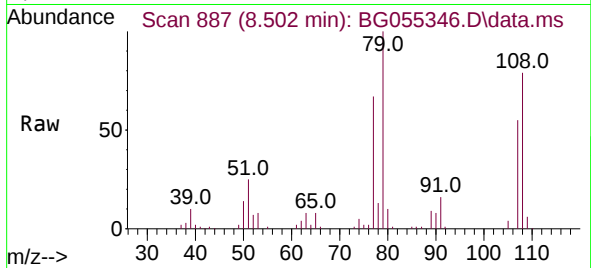
#15
Benzyl Alcohol
Concen: 47.278 ng m
RT: 8.502 min Scan# 888
Delta R.T. 0.002 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS

Tgt Ion: 79 Resp: 97878
Ion Ratio Lower Upper
79 100
108 78.6 61.3 91.9
77 66.7 52.7 79.1

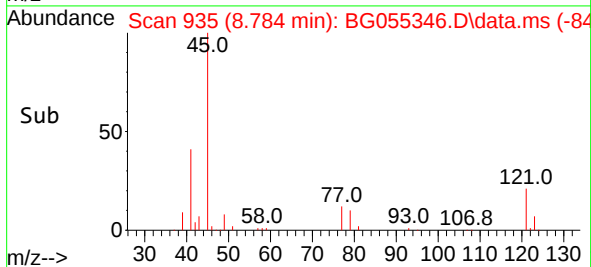
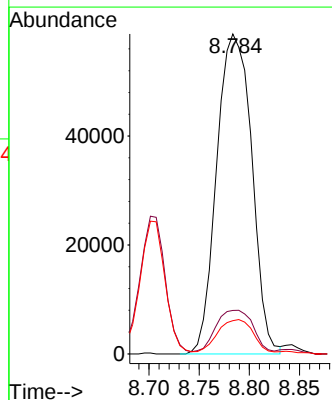
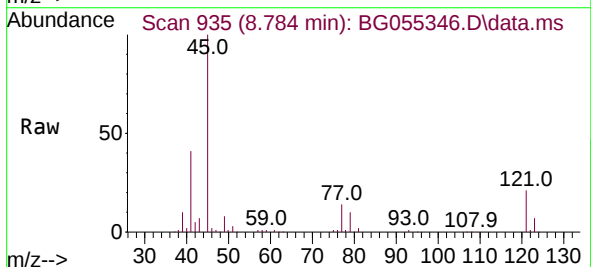
Manual Integrations
APPROVED

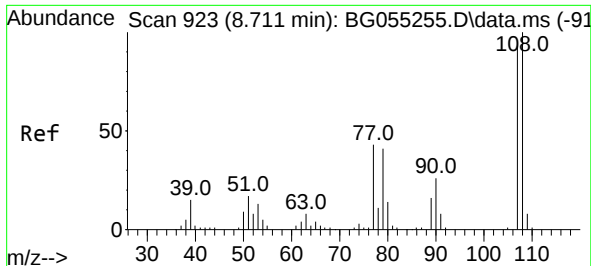
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.656 ng
RT: 8.784 min Scan# 935
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

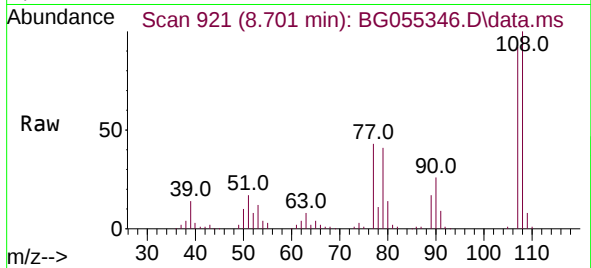
Tgt Ion: 45 Resp: 142603
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.9
79 10.4 0.0 29.6





#17
2-Methylphenol
Concen: 49.530 ng
RT: 8.701 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

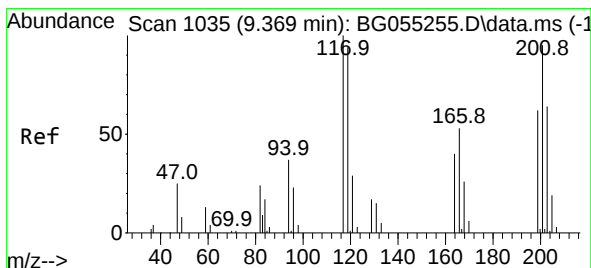
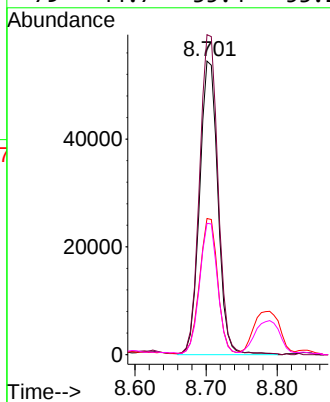
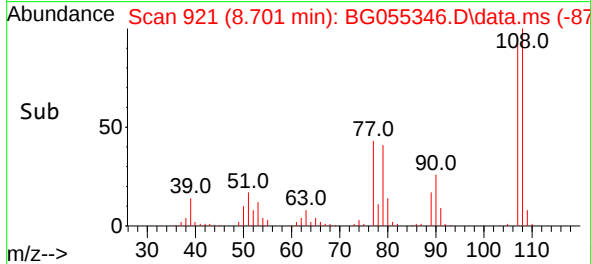
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



Tgt Ion:	107	Resp:	9706
Ion	Ratio	Lower	Upper
107	100		
108	109.0	86.0	129.0
77	46.4	37.4	56.0
79	44.7	35.4	53.2

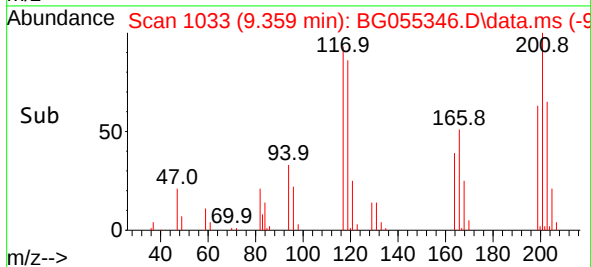
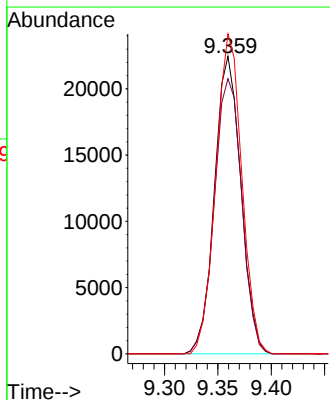
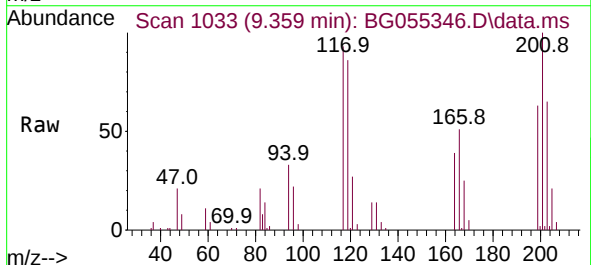
Manual Integrations
APPROVED

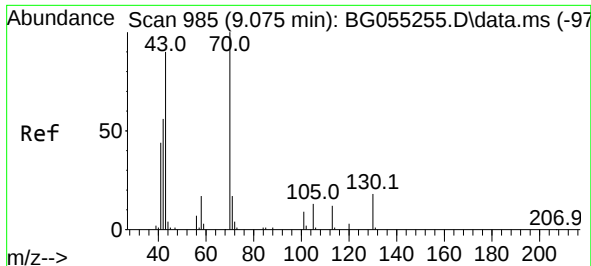
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#18
Hexachloroethane
Concen: 49.246 ng
RT: 9.359 min Scan# 1033
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

Tgt Ion:	117	Resp:	38798
Ion	Ratio	Lower	Upper
117	100		
119	92.5	75.4	113.2
201	107.6	75.8	113.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.948 ng

RT: 9.066 min Scan# 985

Delta R.T. -0.004 min

Lab File: BG055346.D

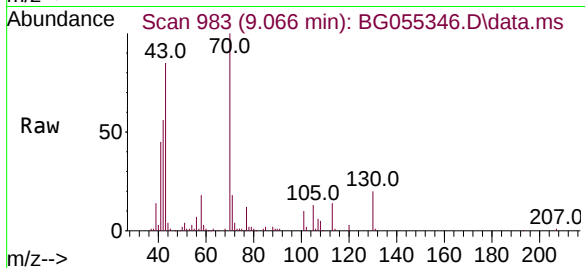
Acq: 28 Oct 2022 17:59

Instrument :

BNA_G

ClientSampleId :

SB-F2-COMPMS



Tgt Ion: 70 Resp: 8617

Ion Ratio Lower Upper

70 100

42 55.5 45.8 68.6

101 10.1 7.4 11.0

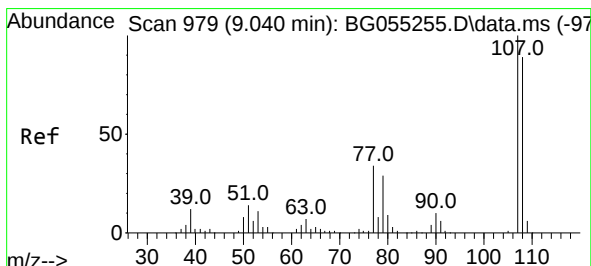
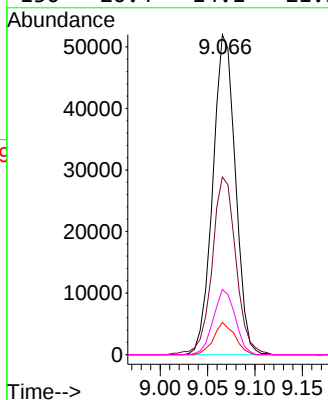
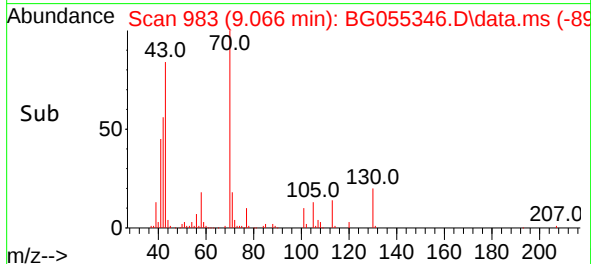
130 20.4 14.1 21.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#20

3+4-Methylphenols

Concen: 47.704 ng

RT: 9.030 min Scan# 977

Delta R.T. -0.004 min

Lab File: BG055346.D

Acq: 28 Oct 2022 17:59

Tgt Ion:107 Resp: 133900

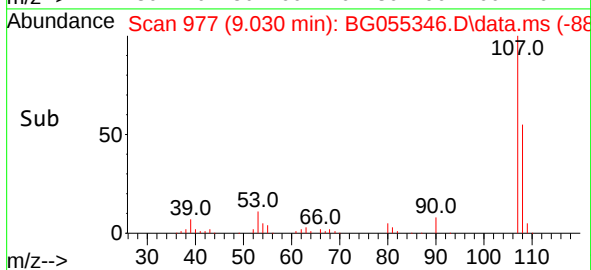
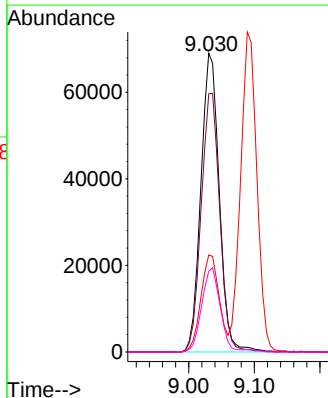
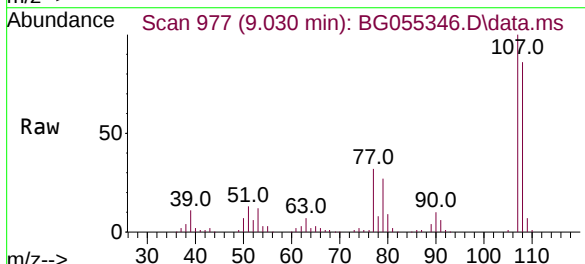
Ion Ratio Lower Upper

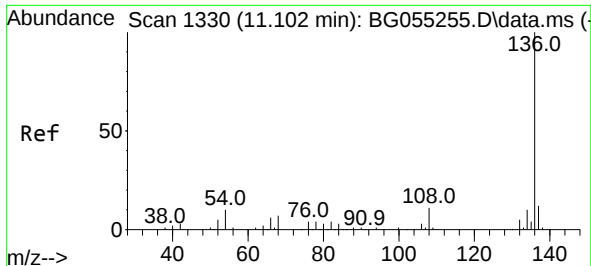
107 100

108 86.3 68.5 108.5

77 32.4 14.0 54.0

79 27.0 8.9 48.9





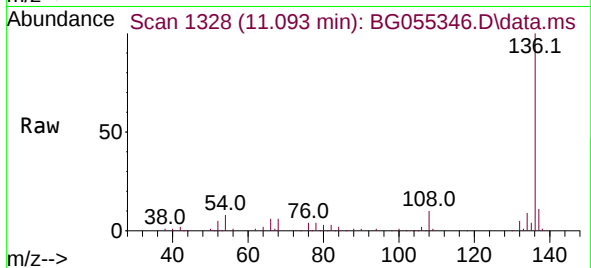
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.093 min Scan# 1330
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

Instrument :

BNA_G

ClientSampleId :

SB-F2-COMPMS

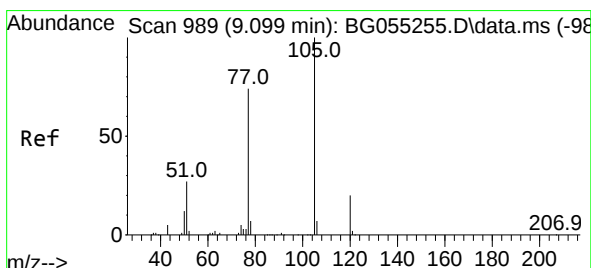
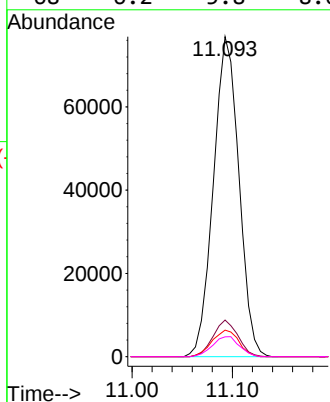
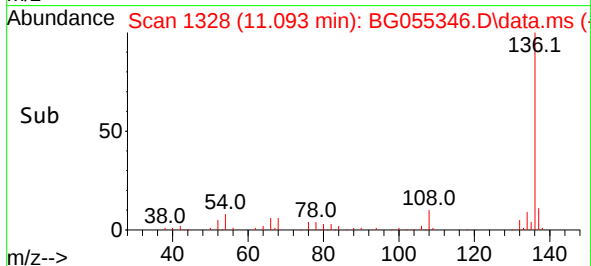


Tgt Ion:136 Resp: 135752
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 8.3 7.8 11.8
68 6.2 5.8 8.6

Manual Integrations

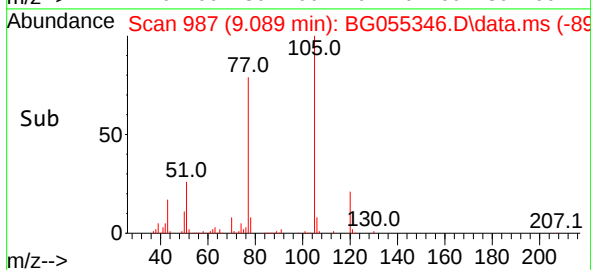
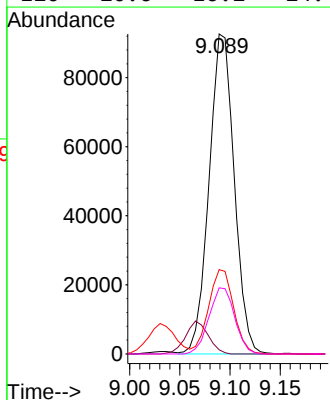
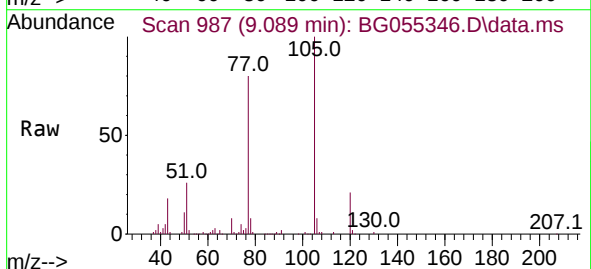
APPROVED

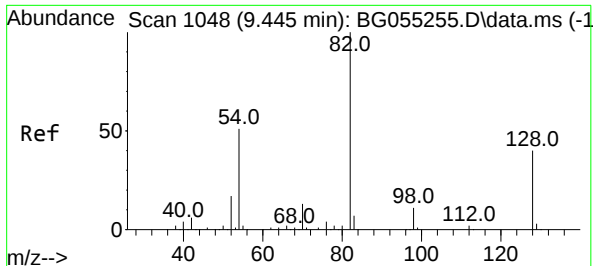
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#22
Acetophenone
Concen: 46.614 ng
RT: 9.089 min Scan# 987
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

Tgt Ion:105 Resp: 161780
Ion Ratio Lower Upper
105 100
71 1.3 0.8 1.2#
51 26.3 22.9 34.3
120 20.6 16.2 24.4





#23

Nitrobenzene-d5

Concen: 78.902 ng

RT: 9.442 min Scan# 1047

Delta R.T. 0.002 min

Lab File: BG055346.D

Acq: 28 Oct 2022 17:59

Instrument :

BNA_G

ClientSampleId :

SB-F2-COMPMS

Tgt Ion: 82 Resp: 20976

Ion Ratio Lower Upper

82 100

128 45.5 32.0 48.0

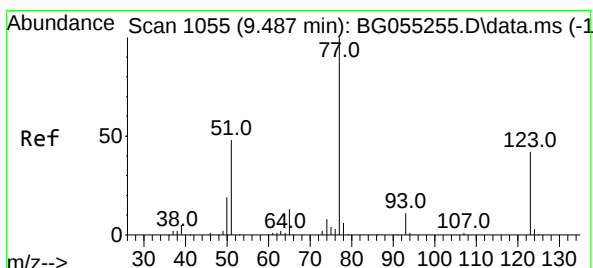
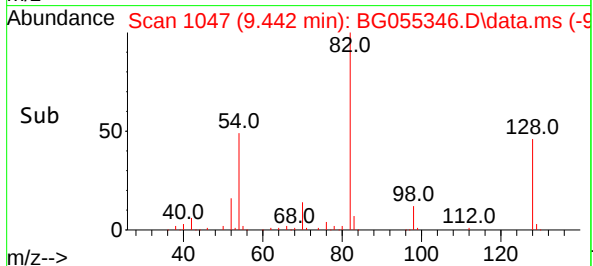
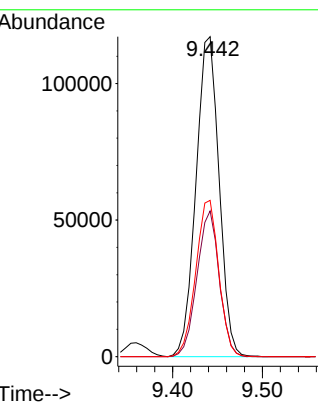
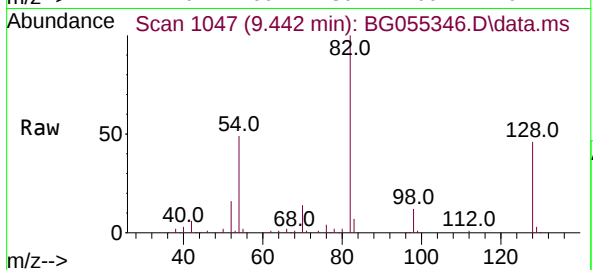
54 48.8 40.9 61.3

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#24

Nitrobenzene

Concen: 44.175 ng

RT: 9.483 min Scan# 1054

Delta R.T. -0.004 min

Lab File: BG055346.D

Acq: 28 Oct 2022 17:59

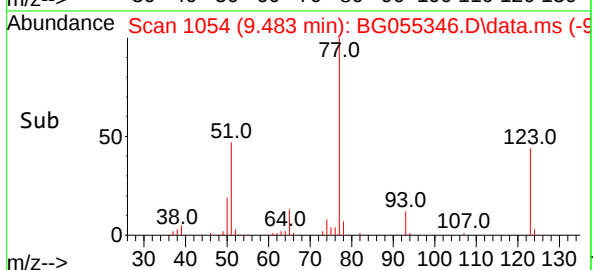
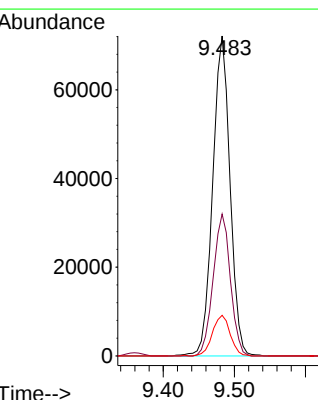
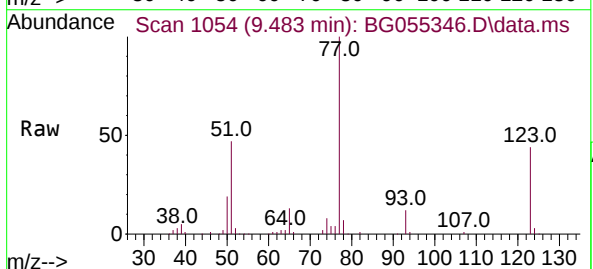
Tgt Ion: 77 Resp: 122282

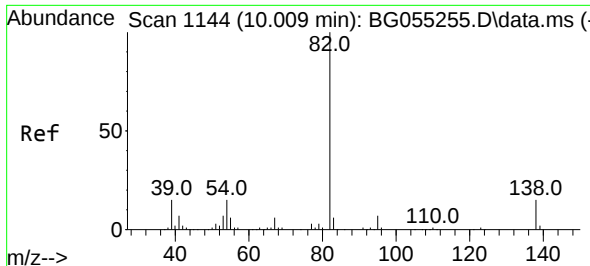
Ion Ratio Lower Upper

77 100

123 44.3 33.6 50.4

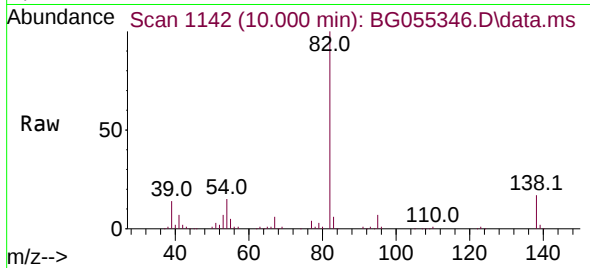
65 12.7 10.2 15.4





#25
Isophorone
Concen: 45.222 ng
RT: 10.000 min Scan# 1144
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

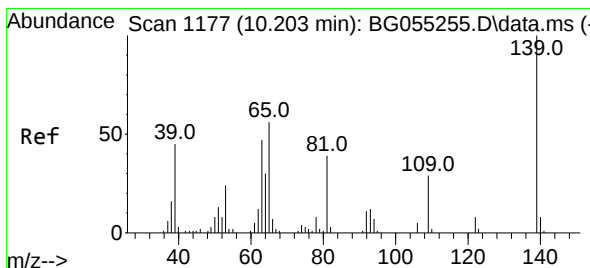
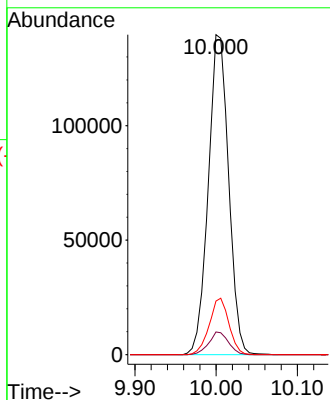
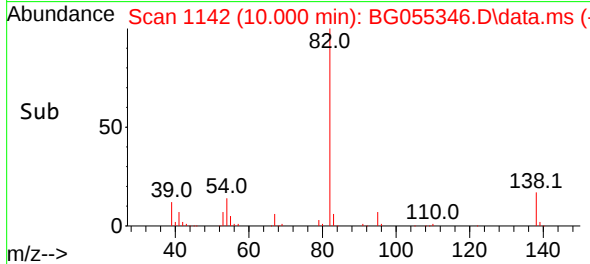
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



Tgt Ion: 82 Resp: 242834
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 16.7 12.2 18.4

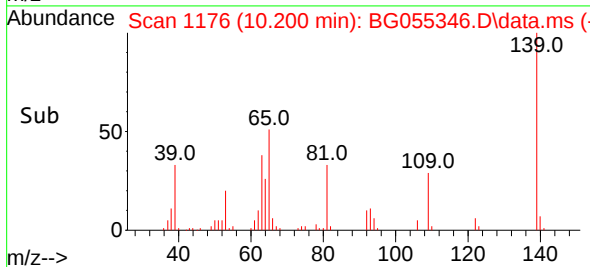
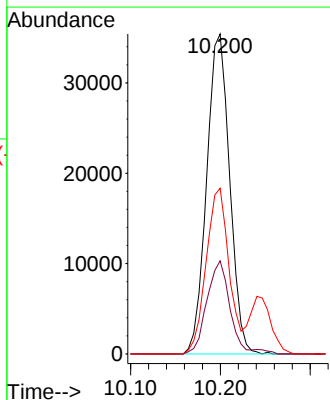
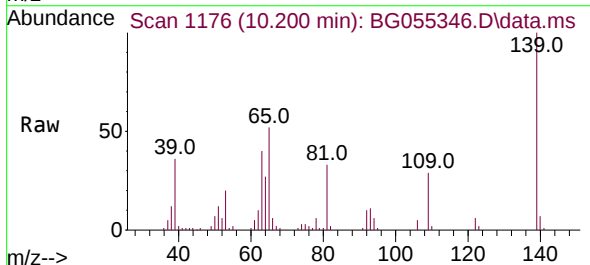
Manual Integrations
APPROVED

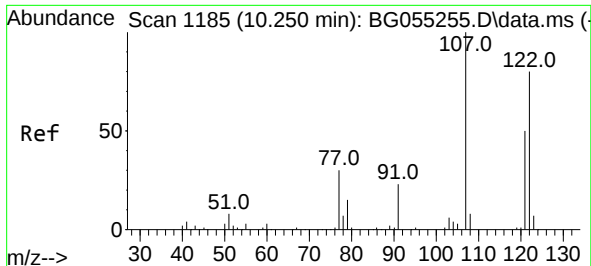
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#26
2-Nitrophenol
Concen: 52.106 ng
RT: 10.200 min Scan# 1176
Delta R.T. 0.002 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

Tgt Ion:139 Resp: 63164
Ion Ratio Lower Upper
139 100
109 29.1 23.3 34.9
65 51.8 45.2 67.8





#27

2,4-Dimethylphenol

Concen: 55.163 ng m

RT: 10.247 min Scan# 1185

Delta R.T. 0.002 min

Lab File: BG055346.D

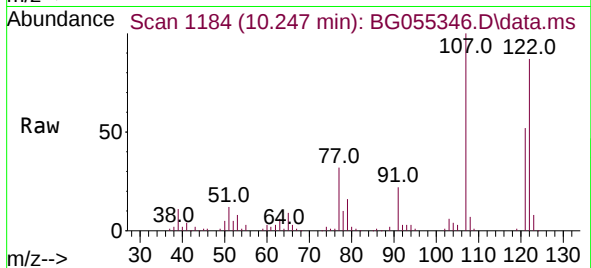
Acq: 28 Oct 2022 17:59

Instrument :

BNA_G

ClientSampleId :

SB-F2-COMPMS



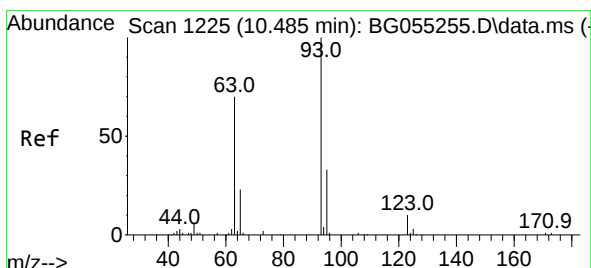
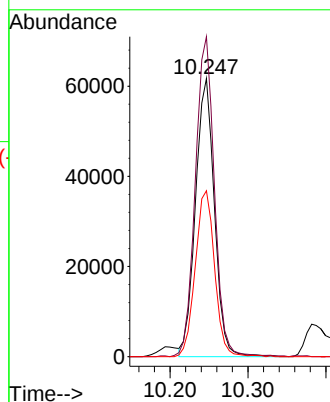
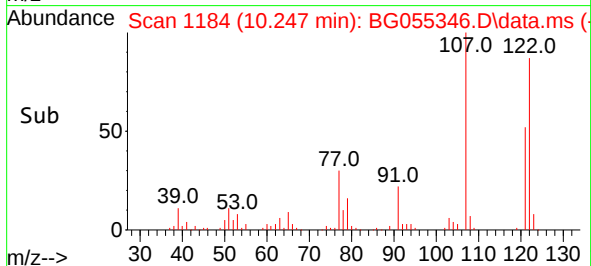
Tgt Ion: 122 Resp: 104395

Ion	Ratio	Lower	Upper
122	100		
107	115.0	97.3	145.9
121	59.6	48.5	72.7

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#28

bis(2-Chloroethoxy)methane

Concen: 51.570 ng

RT: 10.476 min Scan# 1223

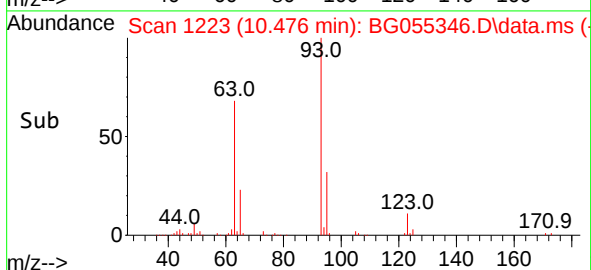
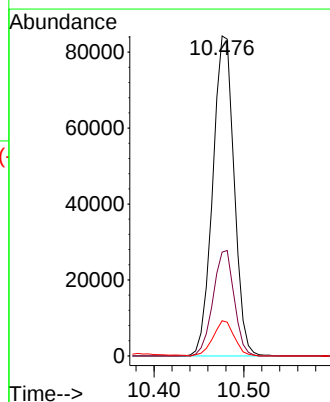
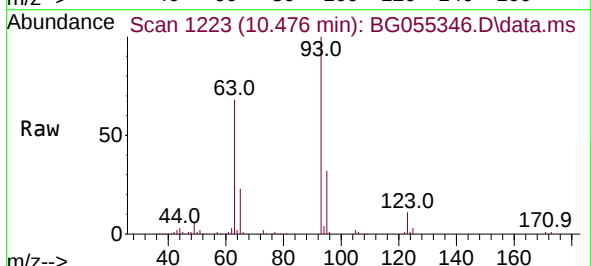
Delta R.T. -0.004 min

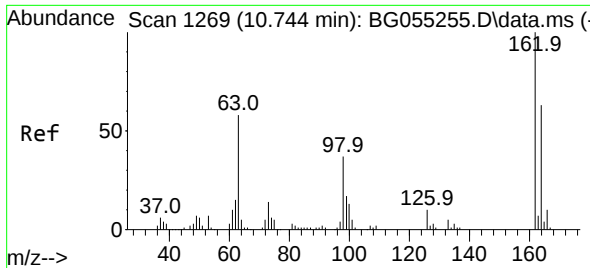
Lab File: BG055346.D

Acq: 28 Oct 2022 17:59

Tgt Ion: 93 Resp: 139817

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	11.0	7.9	11.9





#29

2,4-Dichlorophenol

Concen: 54.208 ng

RT: 10.734 min Scan# 1105

Delta R.T. -0.004 min

Lab File: BG055346.D

Acq: 28 Oct 2022 17:59

Instrument :

BNA_G

ClientSampleId :

SB-F2-COMPMS

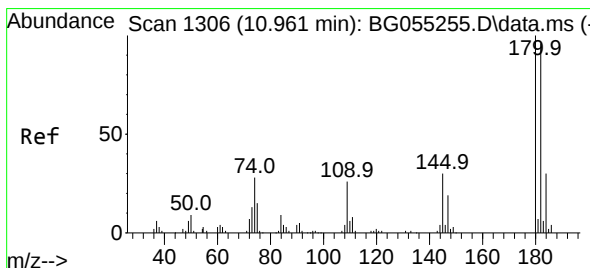
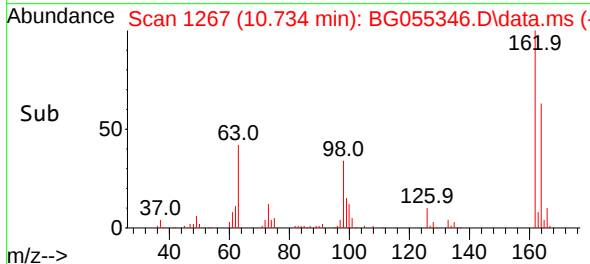
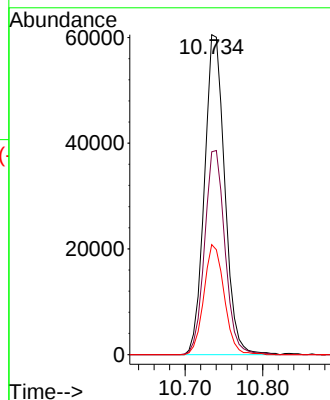
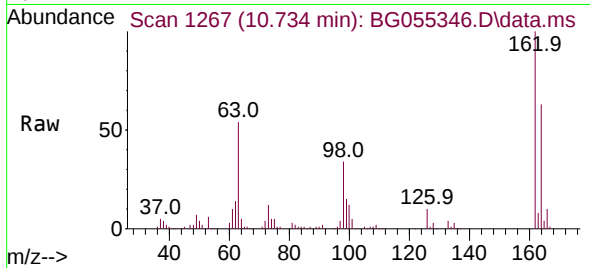
Tgt Ion:162	Resp: 11052
Ion Ratio	Lower Upper
162 100	
164 63.4	42.9 82.9
98 34.4	17.3 57.3

Manual Integrations

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Supervised By :Jagrut Upadhyay 11/01/2022



#30

1,2,4-Trichlorobenzene

Concen: 49.935 ng

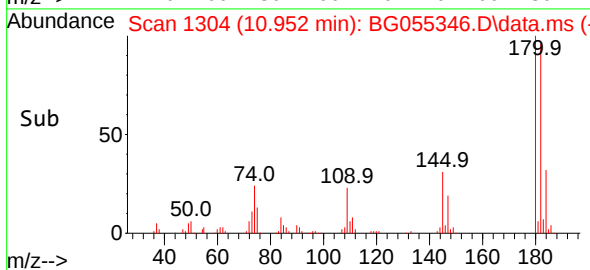
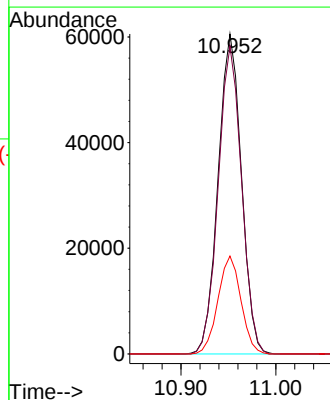
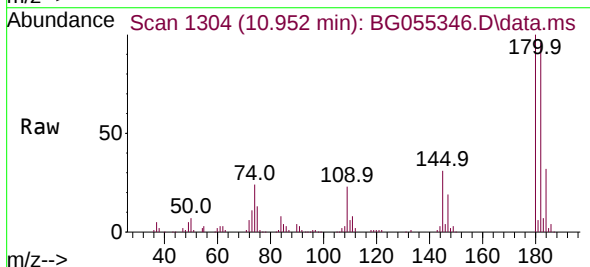
RT: 10.952 min Scan# 1304

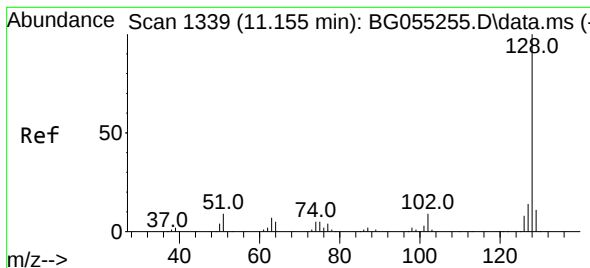
Delta R.T. -0.004 min

Lab File: BG055346.D

Acq: 28 Oct 2022 17:59

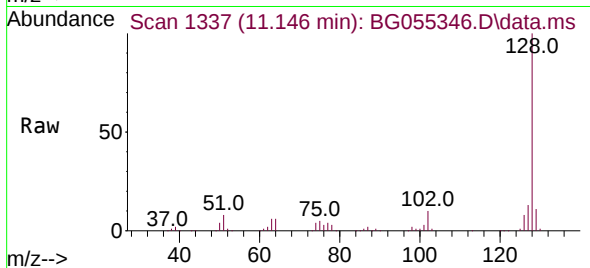
Tgt Ion:180	Resp: 103467
Ion Ratio	Lower Upper
180 100	
182 96.1	76.4 114.6
145 30.6	24.4 36.6





#31
Naphthalene
Concen: 45.692 ng
RT: 11.146 min Scan# 1339
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

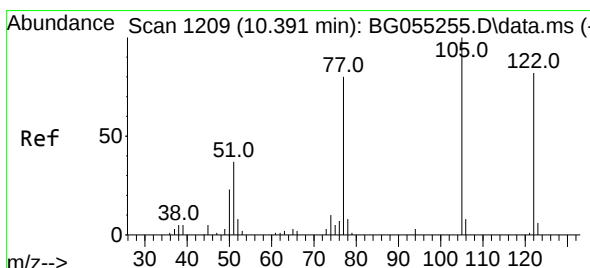
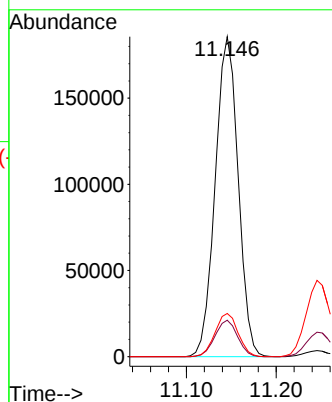
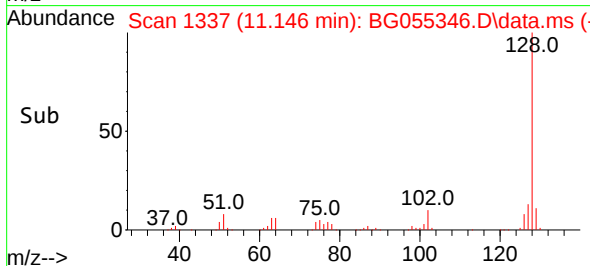
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



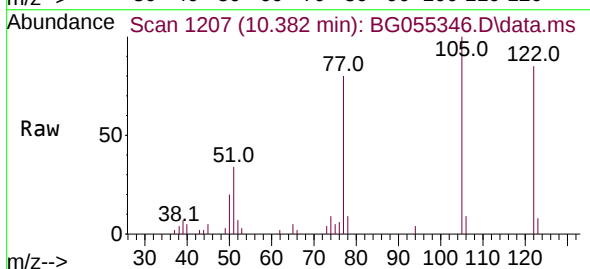
Tgt Ion:128 Resp: 330895
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.5 11.1 16.7

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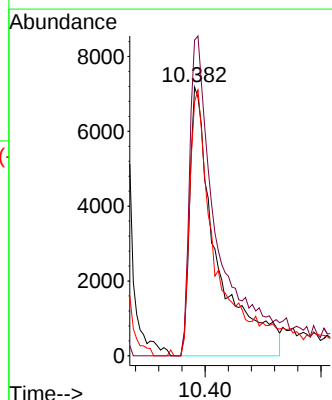
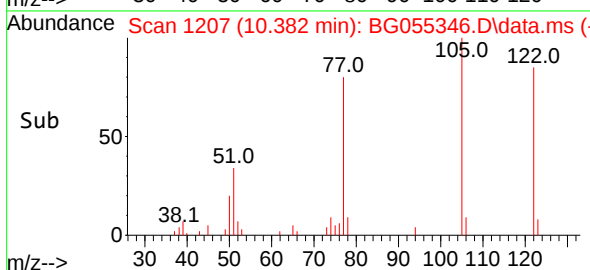
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

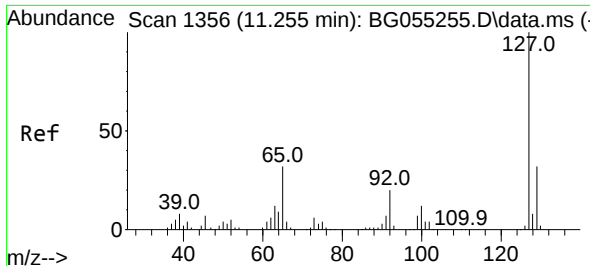


#32
Benzoic acid
Concen: 19.098 ng m
RT: 10.382 min Scan# 1207
Delta R.T. -0.022 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59



Tgt Ion:122 Resp: 23401
Ion Ratio Lower Upper
122 100
105 117.5 101.3 141.3
77 94.5 76.9 116.9





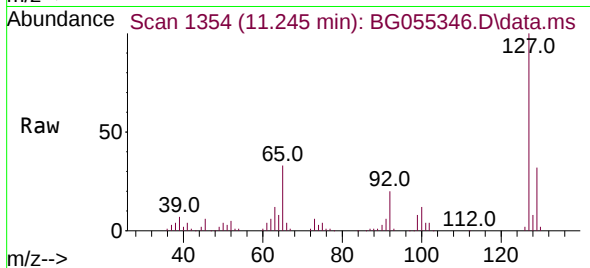
#33
4-Chloroaniline
Concen: 27.405 ng
RT: 11.245 min Scan# 1354
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

Instrument :

BNA_G

ClientSampleId :

SB-F2-COMPMS

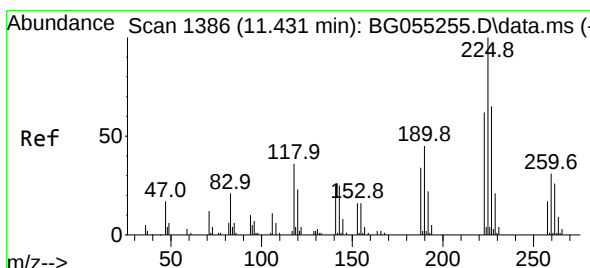
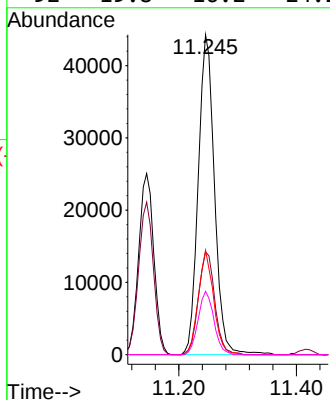
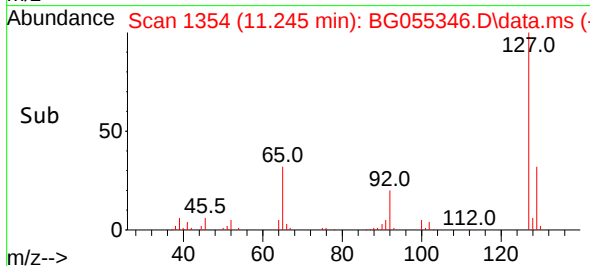


Tgt Ion:127 Resp: 8484
Ion Ratio Lower Upper
127 100
129 32.1 25.4 38.0
65 32.6 25.5 38.3
92 19.8 16.2 24.2

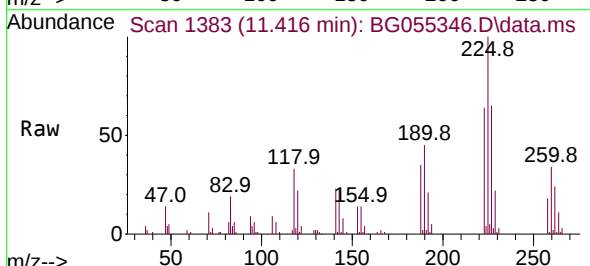
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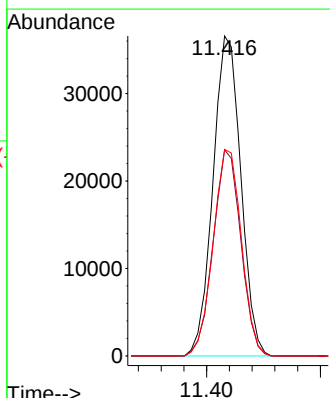
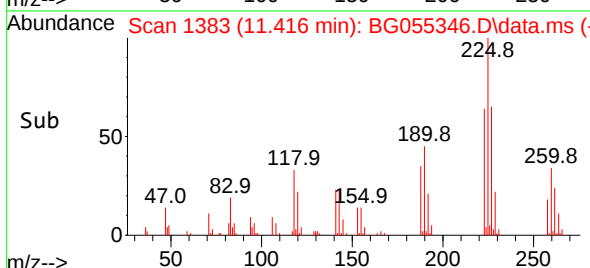
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

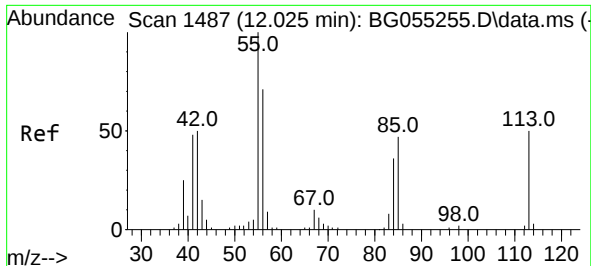


#34
Hexachlorobutadiene
Concen: 52.596 ng
RT: 11.416 min Scan# 1383
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59



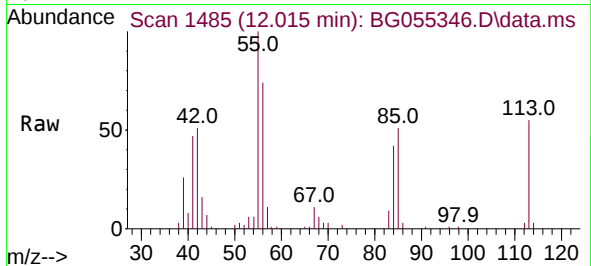
Tgt Ion:225 Resp: 62268
Ion Ratio Lower Upper
225 100
223 64.4 49.4 74.2
227 64.5 52.4 78.6





#35
Caprolactam
Concen: 42.410 ng m
RT: 12.015 min Scan# 1485
Delta R.T. -0.010 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

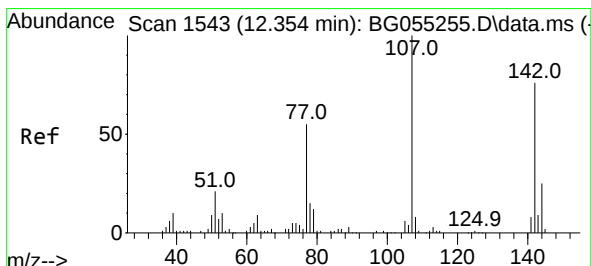
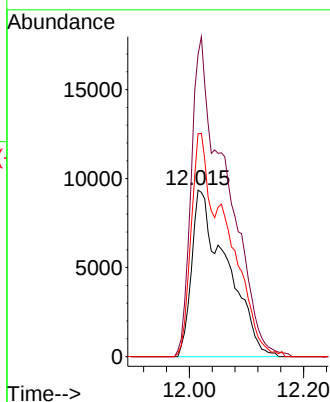
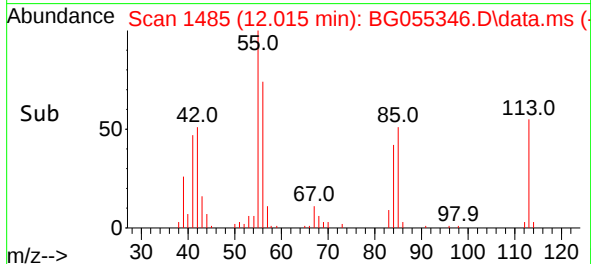
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



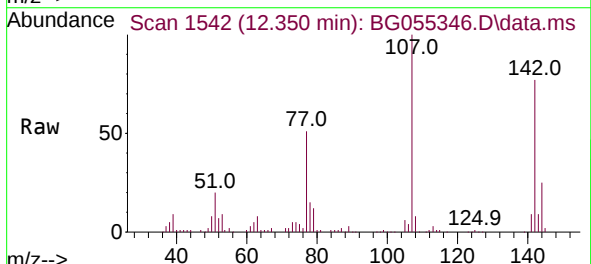
Tgt Ion:113 Resp: 39960
Ion Ratio Lower Upper
113 100
55 181.2 178.2 218.2
56 133.9 121.0 161.0

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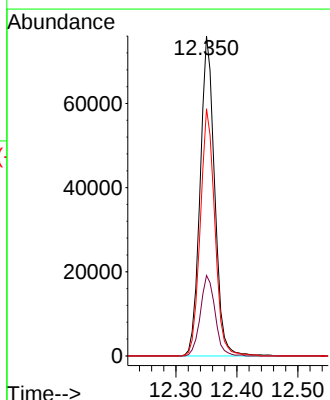
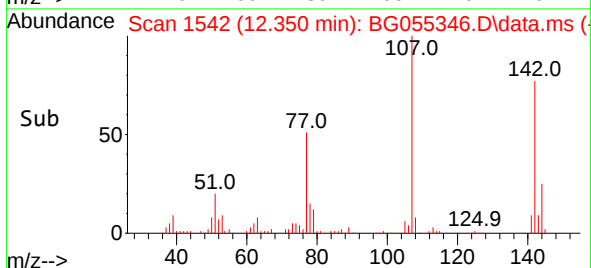
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

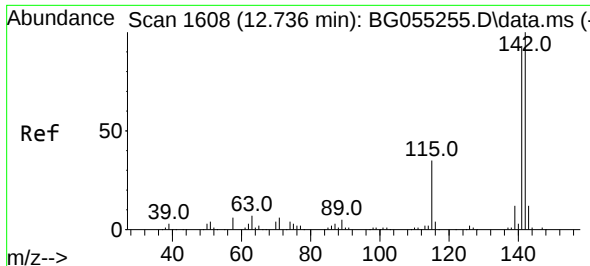


#36
4-Chloro-3-methylphenol
Concen: 49.260 ng
RT: 12.350 min Scan# 1542
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59



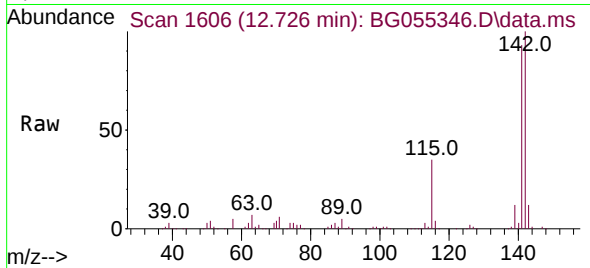
Tgt Ion:107 Resp: 125840
Ion Ratio Lower Upper
107 100
144 25.1 20.3 30.5
142 77.2 60.5 90.7





#37
2-Methylnaphthalene
Concen: 45.999 ng
RT: 12.726 min Scan# 1606
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

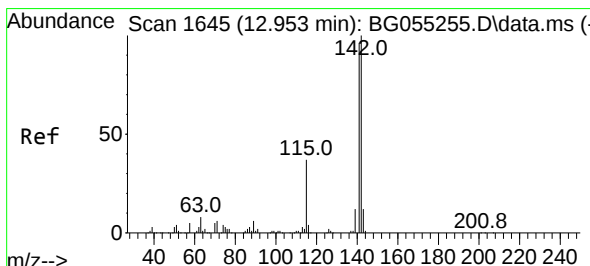
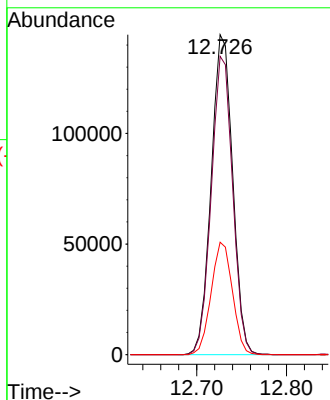
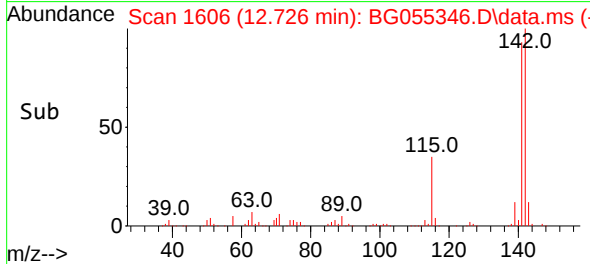
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



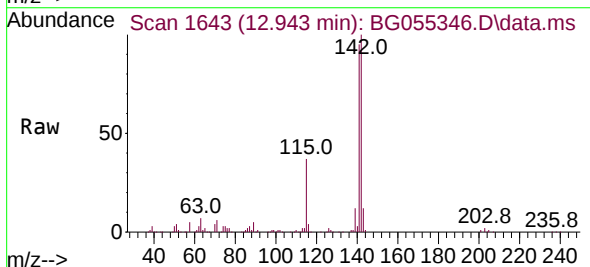
Tgt Ion:142 Resp: 240174
Ion Ratio Lower Upper
142 100
141 93.2 74.0 111.0
115 35.1 28.3 42.5

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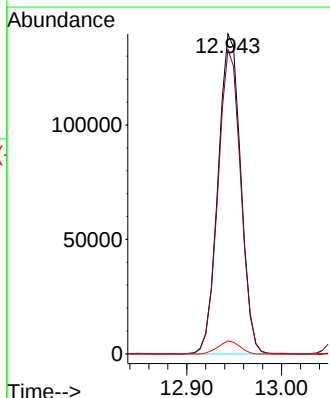
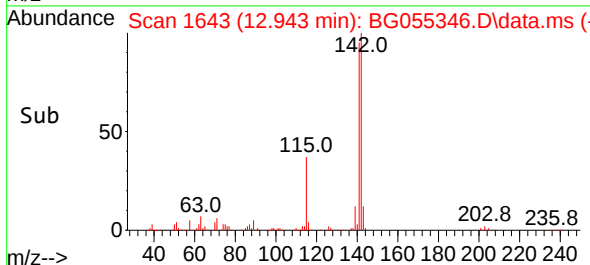
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

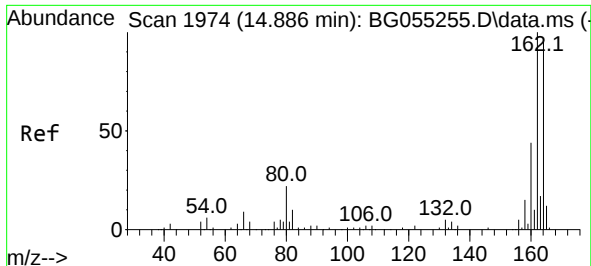


#38
1-Methylnaphthalene
Concen: 44.908 ng
RT: 12.943 min Scan# 1643
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59



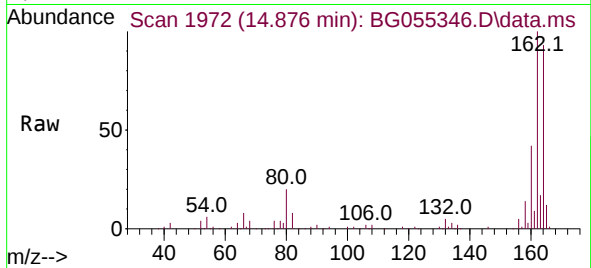
Tgt Ion:142 Resp: 231327
Ion Ratio Lower Upper
142 100
141 95.1 77.1 115.7
116 4.1 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.876 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

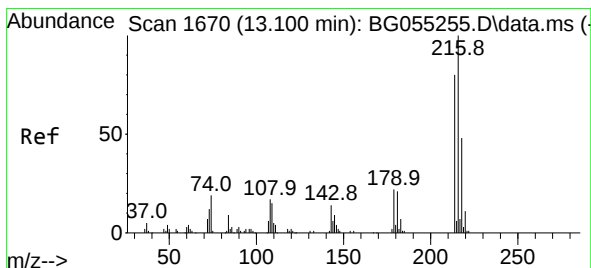
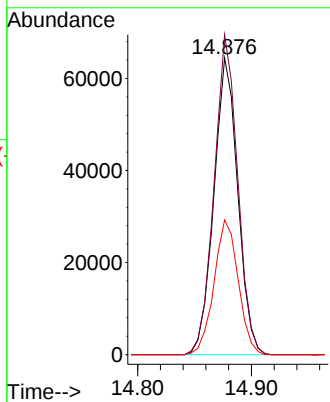
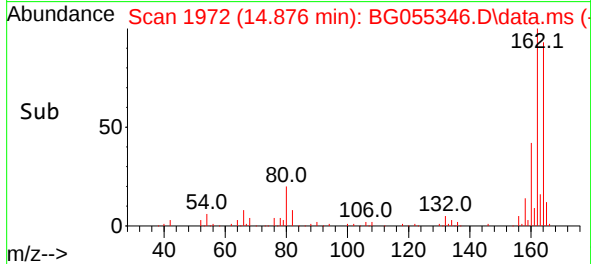
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



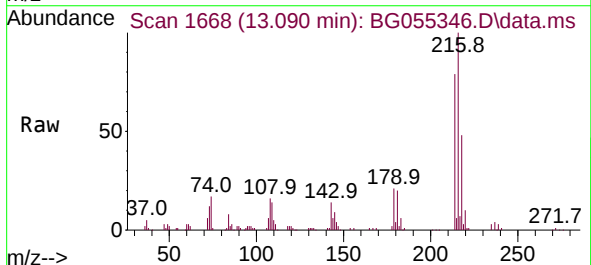
Tgt Ion:164 Resp: 93968
Ion Ratio Lower Upper
164 100
162 107.9 84.0 126.0
160 45.4 36.7 55.1

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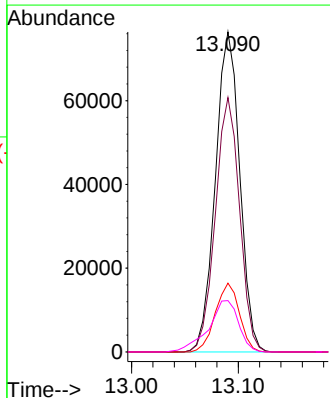
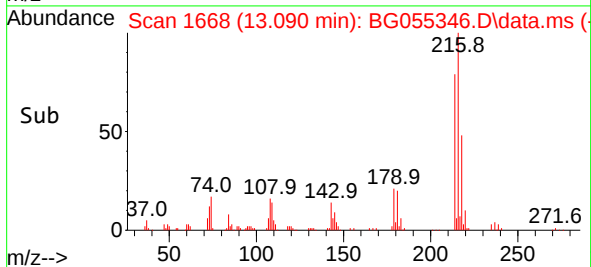
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

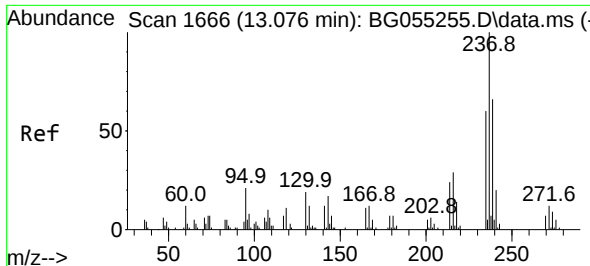


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.480 ng
RT: 13.090 min Scan# 1668
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59



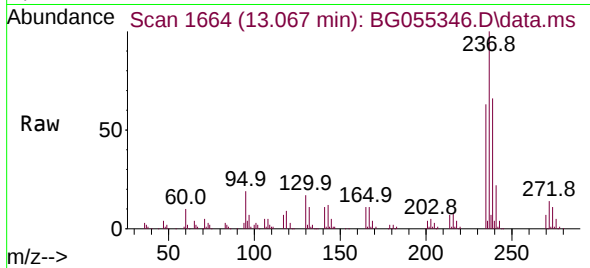
Tgt Ion:216 Resp: 121207
Ion Ratio Lower Upper
216 100
214 79.0 63.4 95.2
179 21.2 17.2 25.8
108 19.8 16.1 24.1





#41
Hexachlorocyclopentadiene
Concen: 126.748 ng
RT: 13.067 min Scan# 1664
Delta R.T. 0.002 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

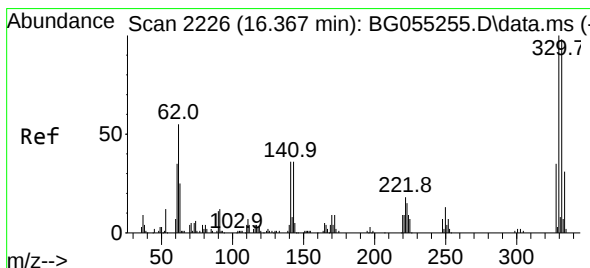
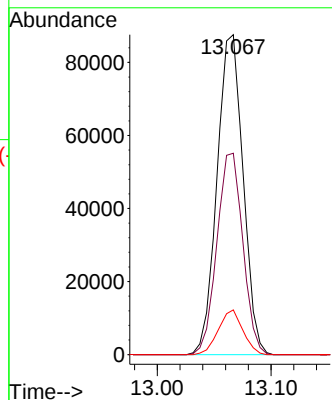
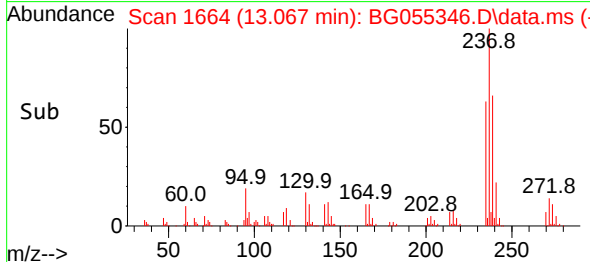
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



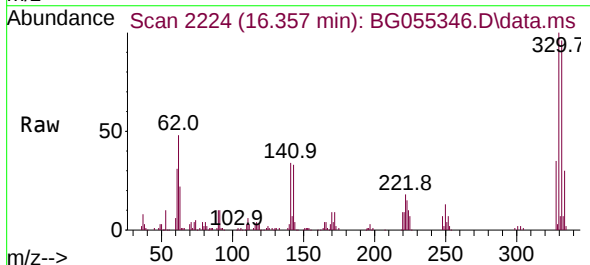
Tgt Ion:237 Resp: 139452
Ion Ratio Lower Upper
237 100
235 62.9 40.4 80.4
272 14.0 0.0 31.7

Manual Integrations
APPROVED

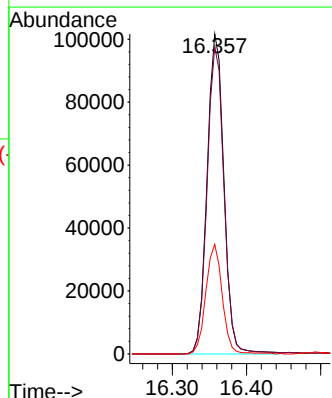
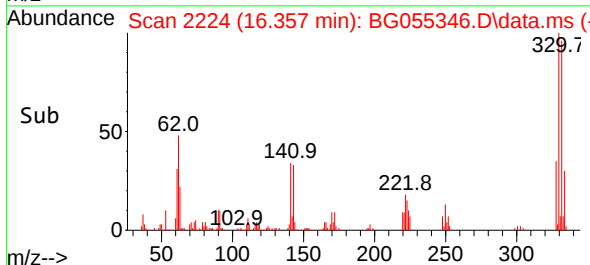
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

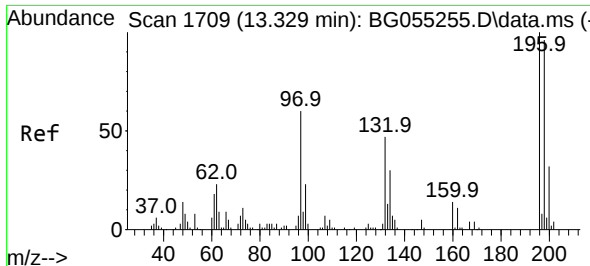


#42
2,4,6-Tribromophenol
Concen: 156.836 ng
RT: 16.357 min Scan# 2224
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59



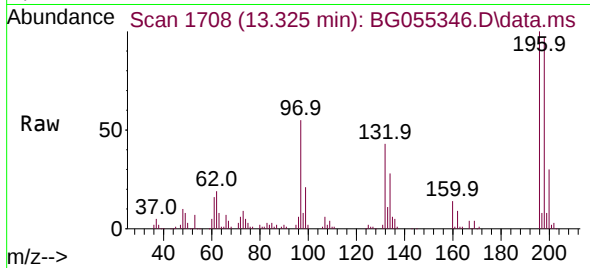
Tgt Ion:330 Resp: 160210
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 33.4 29.8 44.8





#43
2,4,6-Trichlorophenol
Concen: 53.138 ng
RT: 13.325 min Scan# 1708
Delta R.T. 0.002 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

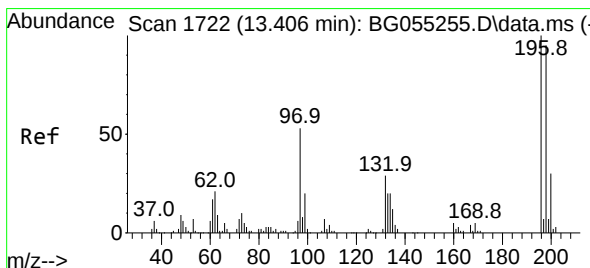
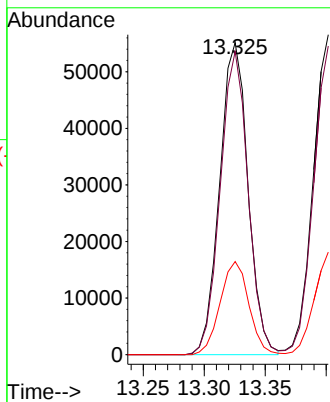
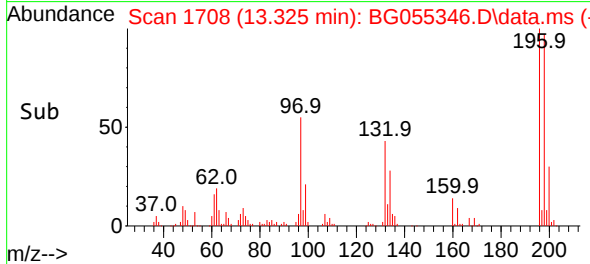
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



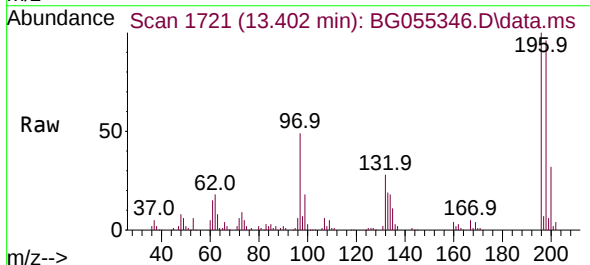
Tgt Ion:196 Resp: 88949
Ion Ratio Lower Upper
196 100
198 97.2 76.5 114.7
200 29.8 25.8 38.8

Manual Integrations
APPROVED

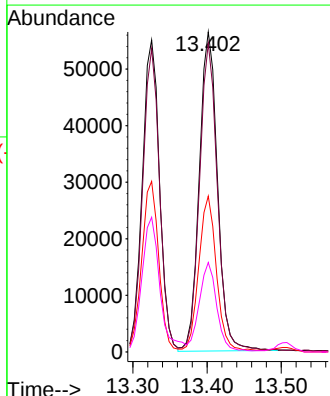
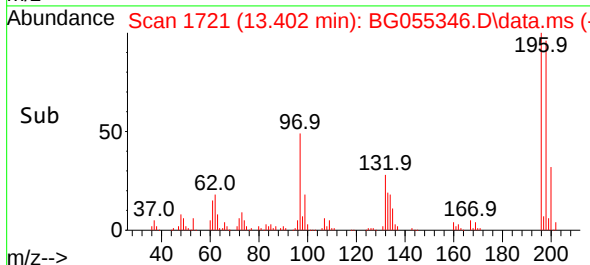
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

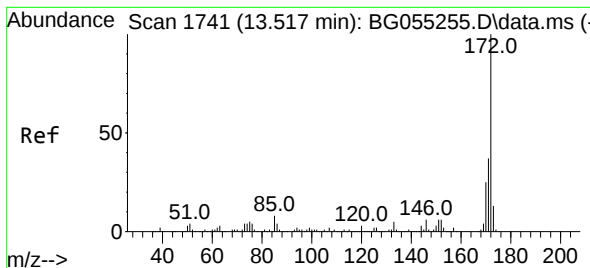


#44
2,4,5-Trichlorophenol
Concen: 52.118 ng
RT: 13.402 min Scan# 1721
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59



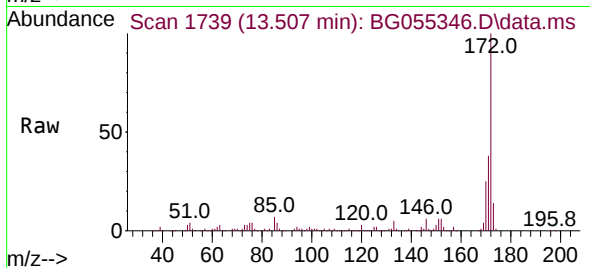
Tgt Ion:196 Resp: 96495
Ion Ratio Lower Upper
196 100
198 96.5 76.2 114.2
97 48.7 42.3 63.5
132 27.9 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 85.922 ng
RT: 13.507 min Scan# 1739
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

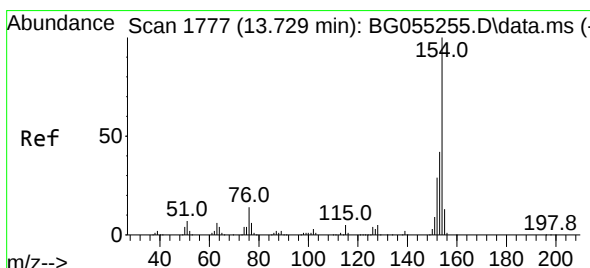
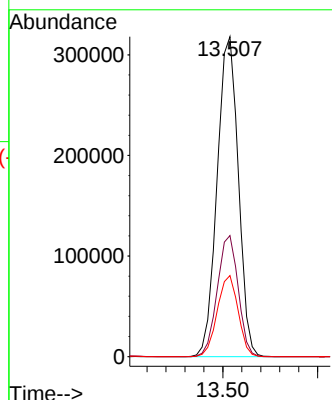
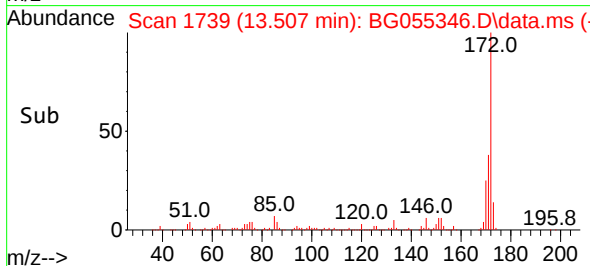
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



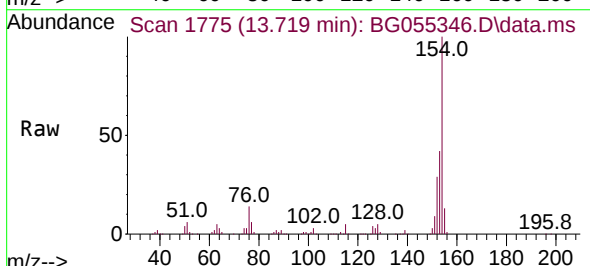
Tgt Ion:172 Resp: 493291
Ion Ratio Lower Upper
172 100
171 37.8 29.7 44.5
170 25.3 20.2 30.2

Manual Integrations
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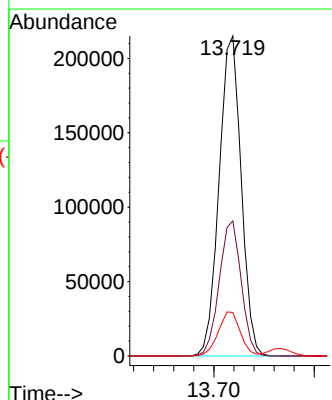
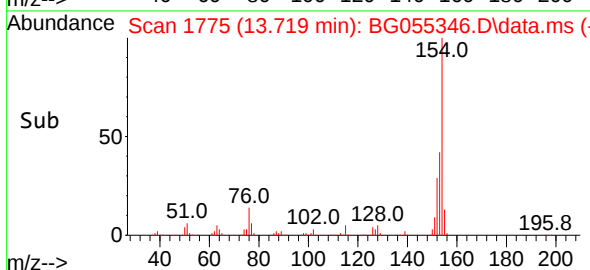
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

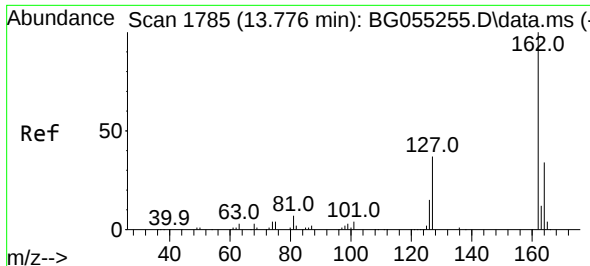


#46
1,1'-Biphenyl
Concen: 50.989 ng
RT: 13.719 min Scan# 1775
Delta R.T. 0.002 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59



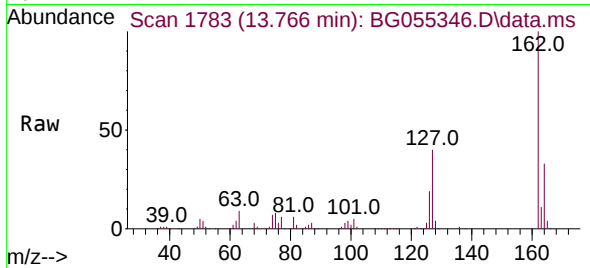
Tgt Ion:154 Resp: 328622
Ion Ratio Lower Upper
154 100
153 42.2 21.5 61.5
76 13.6 0.0 34.2





#47
2-Chloronaphthalene
Concen: 48.990 ng
RT: 13.766 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

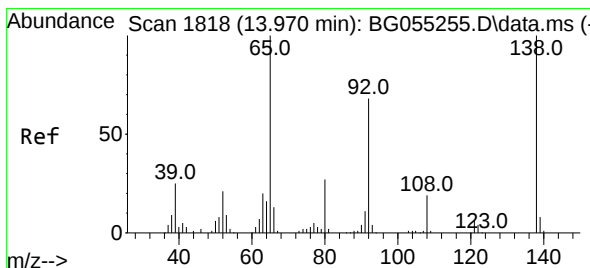
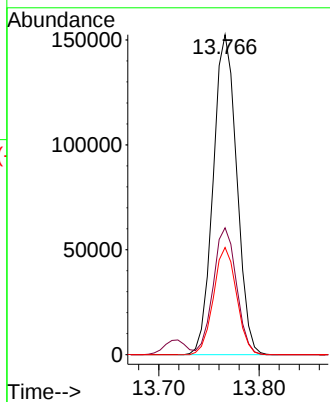
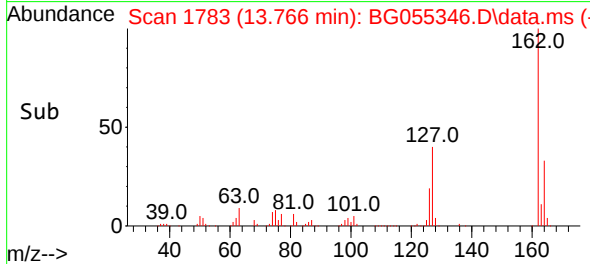
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



Tgt Ion:162 Resp: 248978
Ion Ratio Lower Upper
162 100
127 39.6 33.0 49.6
164 33.5 27.0 40.4

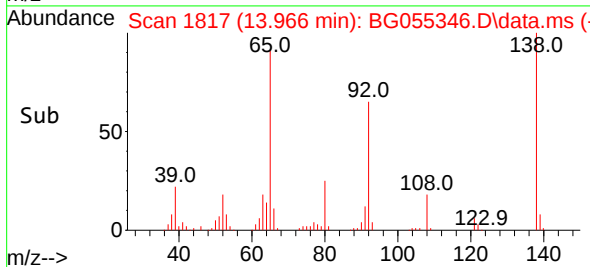
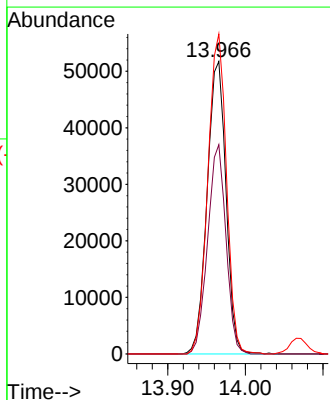
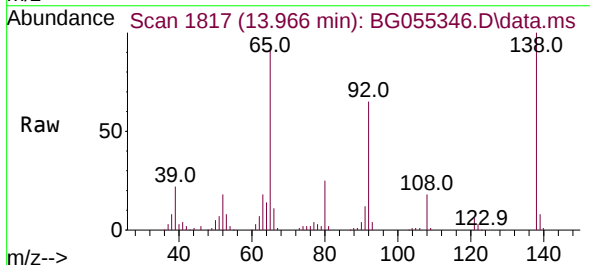
Manual Integrations
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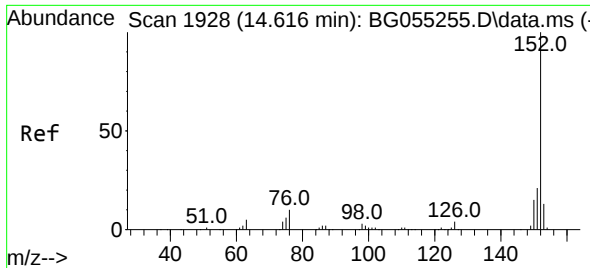
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#48
2-Nitroaniline
Concen: 43.930 ng
RT: 13.966 min Scan# 1817
Delta R.T. 0.002 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

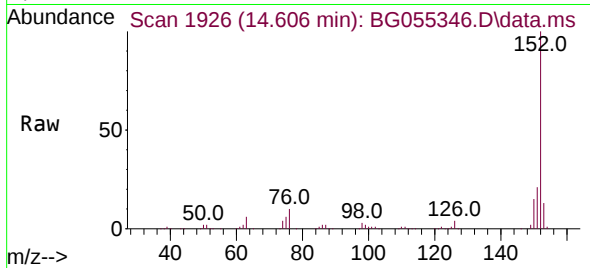
Tgt Ion: 65 Resp: 87313
Ion Ratio Lower Upper
65 100
92 71.5 54.6 82.0
138 109.4 80.2 120.4





#49
Acenaphthylene
Concen: 47.474 ng
RT: 14.606 min Scan# 1926
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

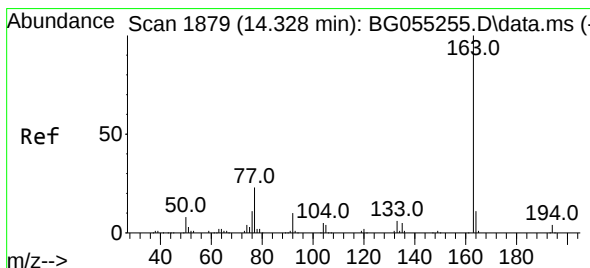
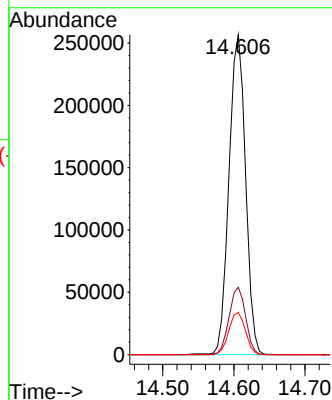
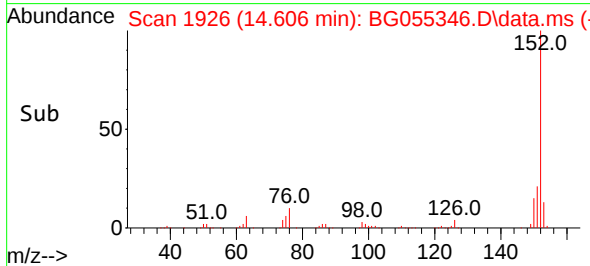
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



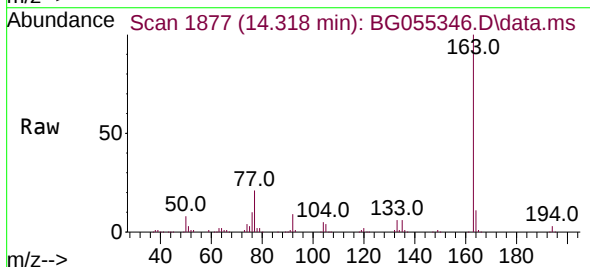
Tgt Ion:152 Resp: 416502
Ion Ratio Lower Upper
152 100
151 21.0 16.6 25.0
153 13.2 10.5 15.7

Manual Integrations
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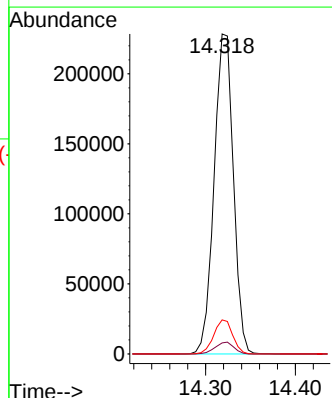
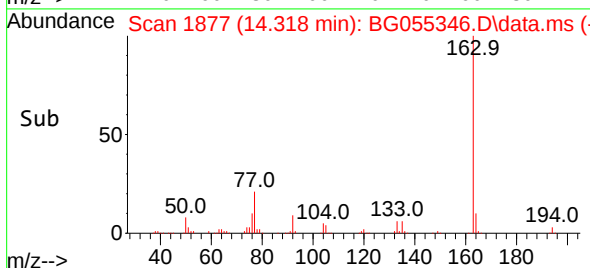
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

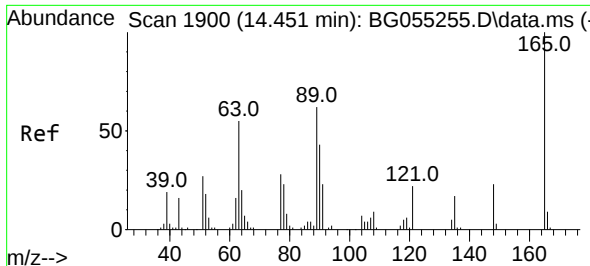


#50
Dimethylphthalate
Concen: 46.290 ng
RT: 14.318 min Scan# 1877
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59



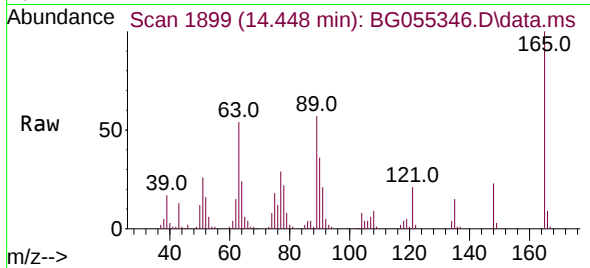
Tgt Ion:163 Resp: 341519
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.6 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 49.389 ng
RT: 14.448 min Scan# 1899
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

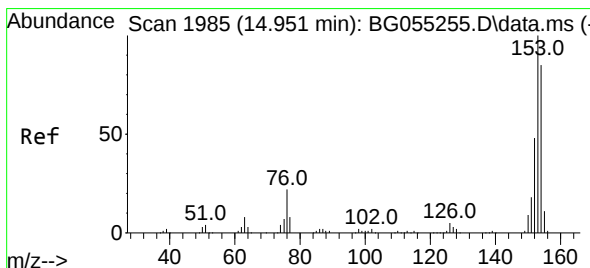
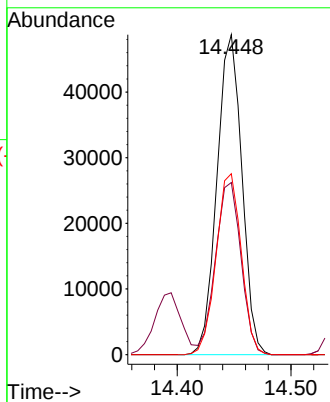
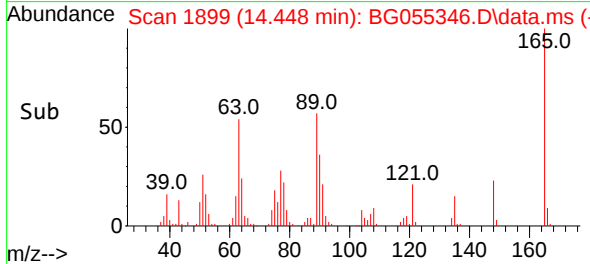
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



Tgt Ion:165 Resp: 74148
Ion Ratio Lower Upper
165 100
63 53.8 49.2 73.8
89 56.5 49.9 74.9

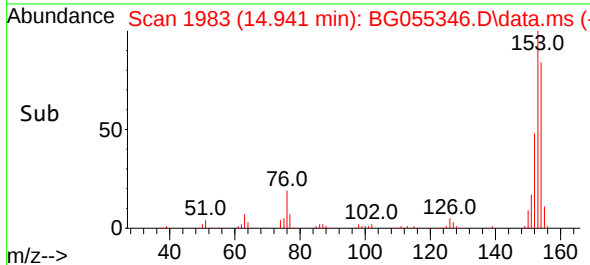
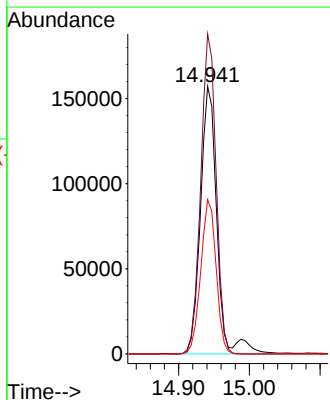
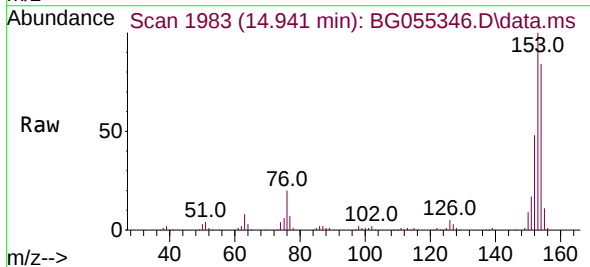
Manual Integrations
APPROVED

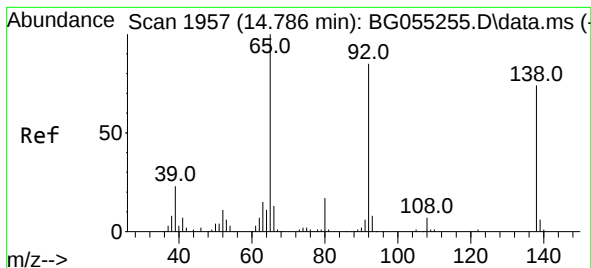
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#52
Acenaphthene
Concen: 45.767 ng m
RT: 14.941 min Scan# 1983
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

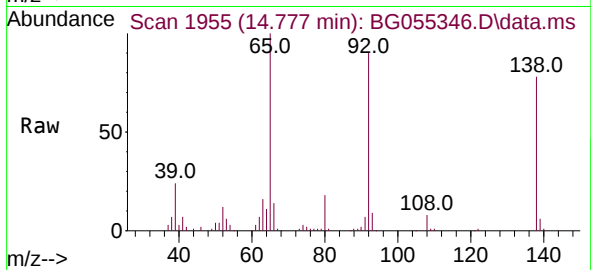
Tgt Ion:154 Resp: 255940
Ion Ratio Lower Upper
154 100
153 119.6 94.3 141.5
152 57.7 45.3 67.9





#53
3-Nitroaniline
Concen: 33.651 ng
RT: 14.777 min Scan# 1955
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

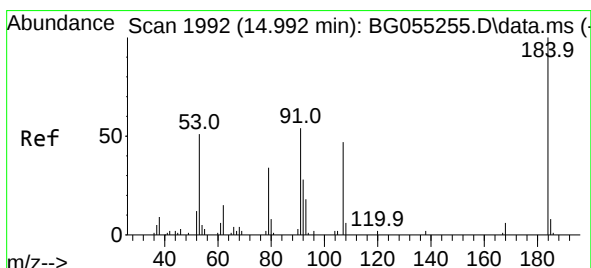
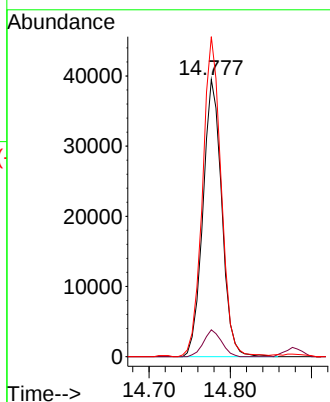
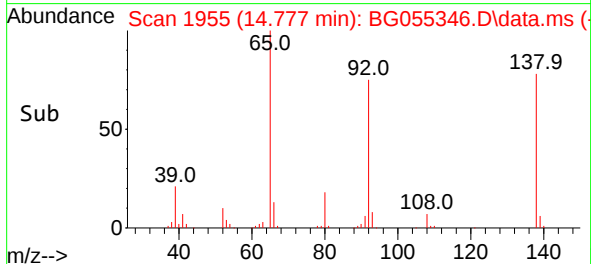
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



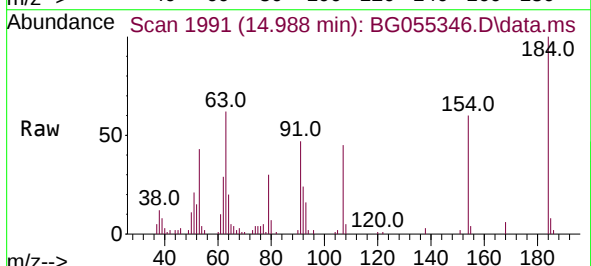
Tgt Ion:138 Resp: 63497
Ion Ratio Lower Upper
138 100
108 9.7 7.5 11.3
92 115.5 91.8 137.8

Manual Integrations
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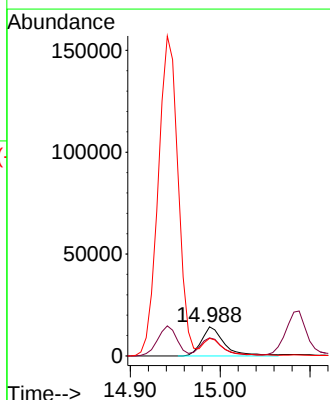
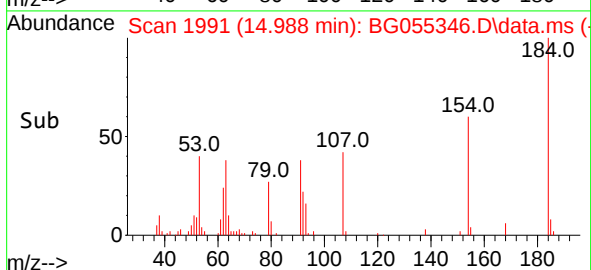
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

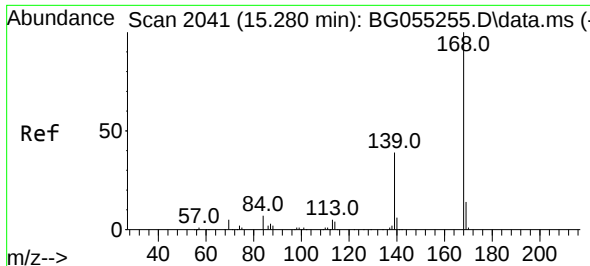


#54
2,4-Dinitrophenol
Concen: 31.169 ng
RT: 14.988 min Scan# 1991
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59



Tgt Ion:184 Resp: 25096
Ion Ratio Lower Upper
184 100
63 61.7 55.7 83.5
154 60.2 49.4 74.0





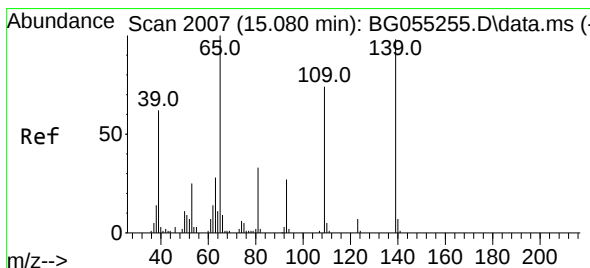
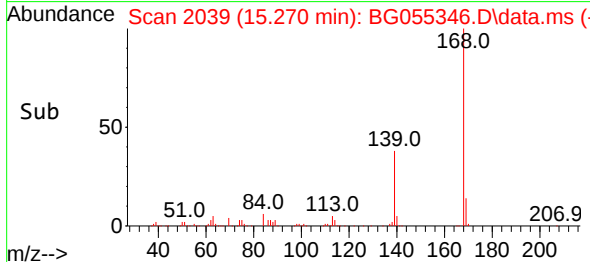
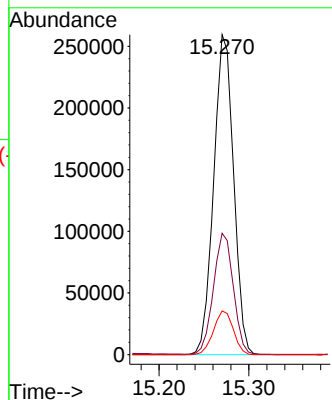
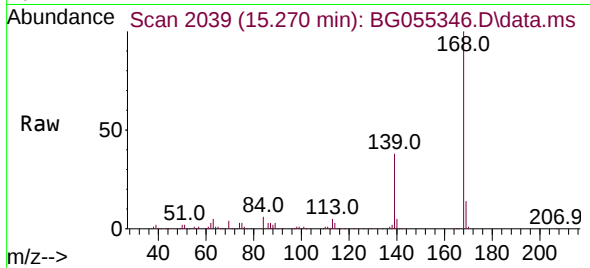
#55
Dibenzenofuran
Concen: 47.880 ng
RT: 15.270 min Scan# 2041
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS

Tgt Ion:168 Resp: 40170
Ion Ratio Lower Upper
168 100
139 37.9 31.6 47.4
169 13.7 11.0 16.4

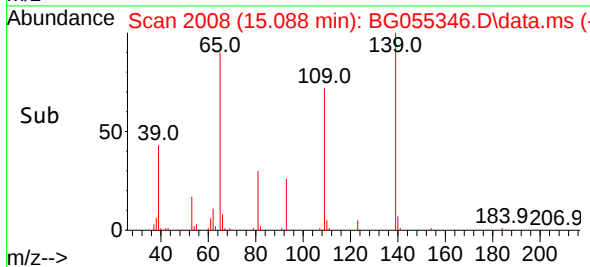
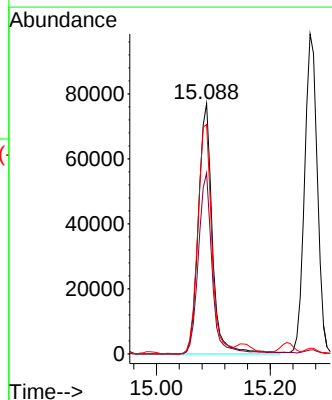
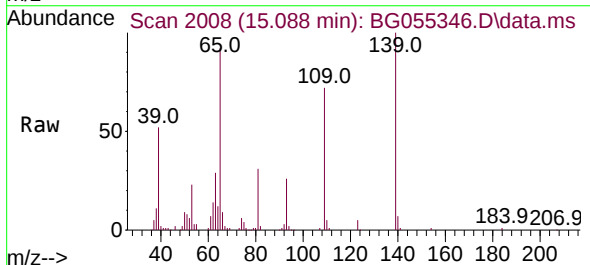
Manual Integrations
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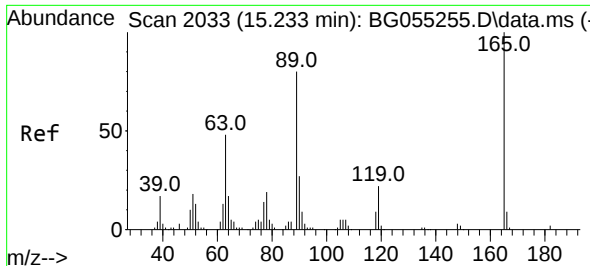
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#56
4-Nitrophenol
Concen: 96.625 ng
RT: 15.088 min Scan# 2008
Delta R.T. 0.002 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

Tgt Ion:139 Resp: 130405
Ion Ratio Lower Upper
139 100
109 72.2 55.4 95.4
65 91.6 81.6 121.6





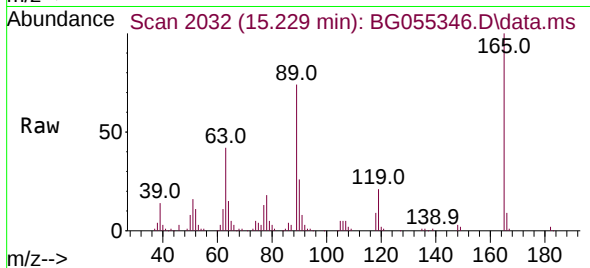
#57
2,4-Dinitrotoluene
Concen: 49.065 ng
RT: 15.229 min Scan# 2032
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

Instrument :

BNA_G

ClientSampleId :

SB-F2-COMPMS

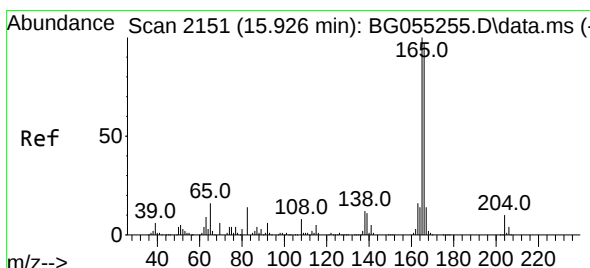
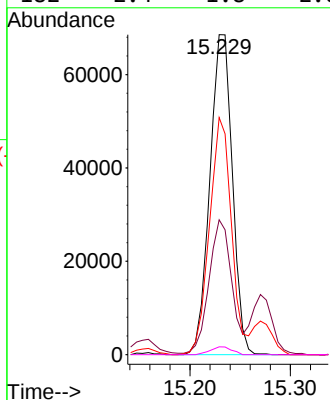
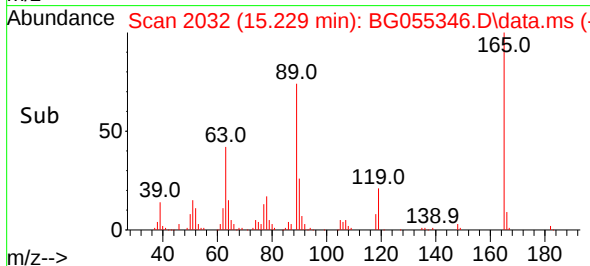


Tgt Ion:165 Resp: 106895
Ion Ratio Lower Upper
165 100
63 42.1 38.9 58.3
89 74.1 64.2 96.4
182 2.4 1.8 2.6

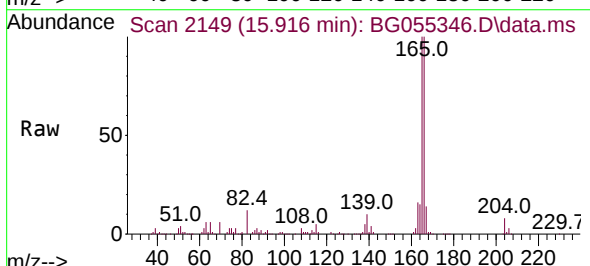
Manual Integrations

APPROVED

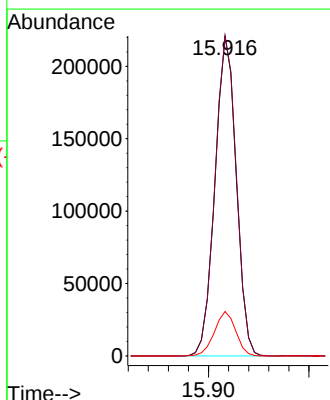
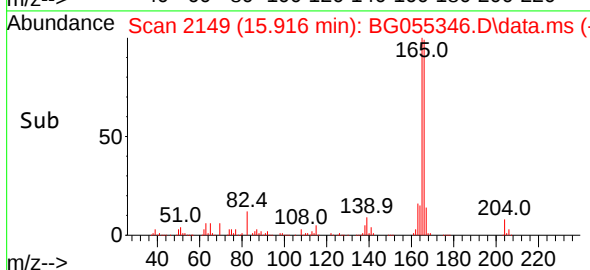
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

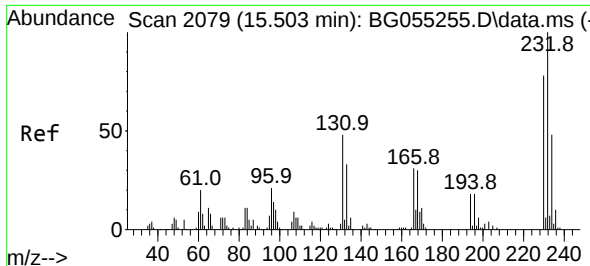


#58
Fluorene
Concen: 46.545 ng
RT: 15.916 min Scan# 2149
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59



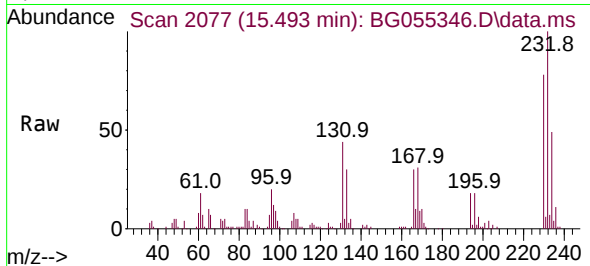
Tgt Ion:166 Resp: 324925
Ion Ratio Lower Upper
166 100
165 100.2 82.4 123.6
167 13.9 11.5 17.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.558 ng
RT: 15.493 min Scan# 2077
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

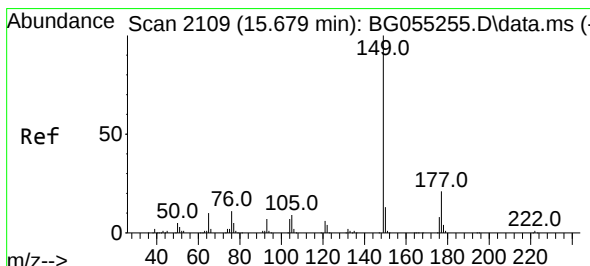
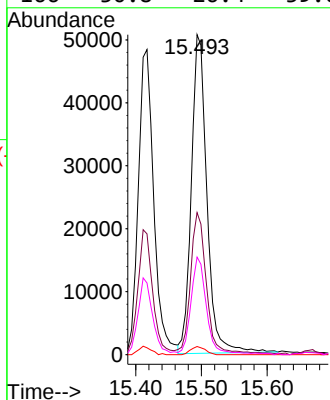
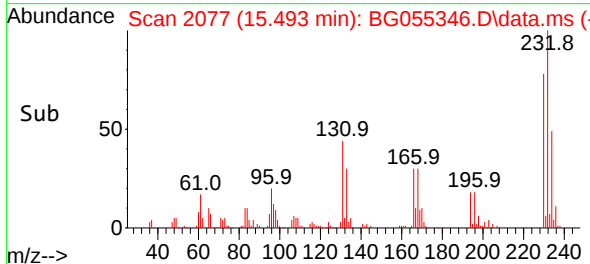
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



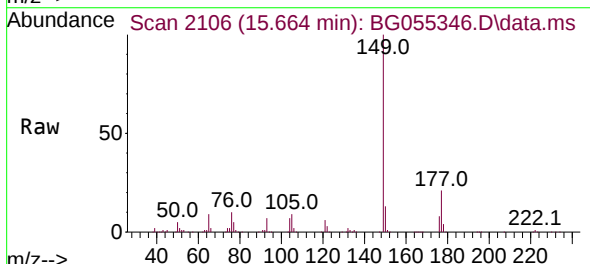
Tgt Ion:232 Resp: 83451
Ion Ratio Lower Upper
232 100
131 46.6 39.6 59.4
130 2.4 2.1 3.1
166 30.8 26.4 39.6

Manual Integrations
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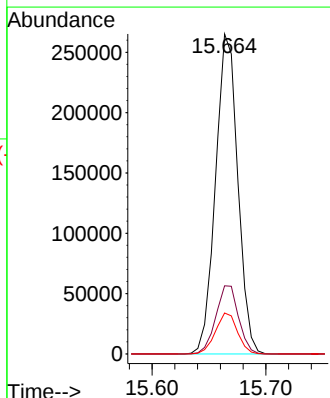
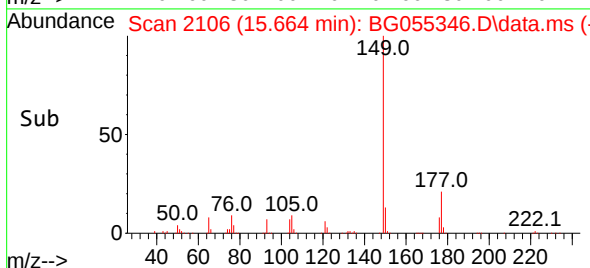
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

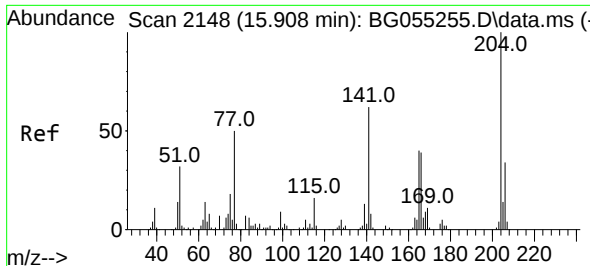


#60
Diethylphthalate
Concen: 45.795 ng
RT: 15.664 min Scan# 2106
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59



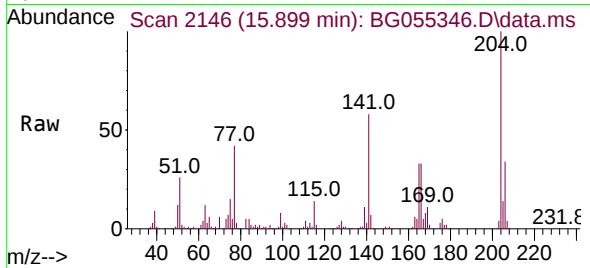
Tgt Ion:149 Resp: 359408
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 51.519 ng
RT: 15.899 min Scan# 2146
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

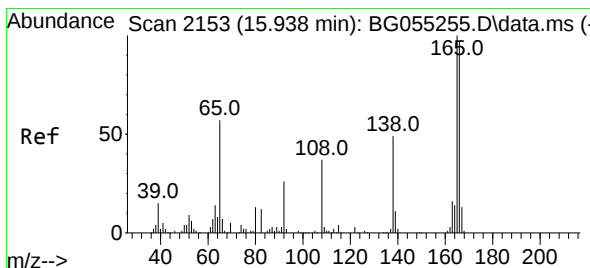
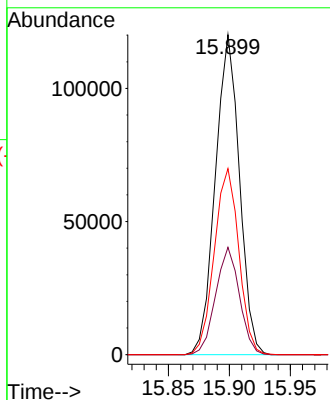
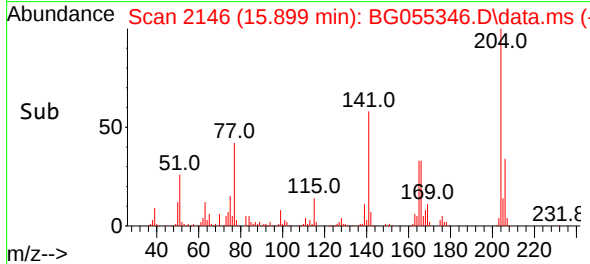
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



Tgt Ion:204 Resp: 165272
Ion Ratio Lower Upper
204 100
206 33.5 26.9 40.3
141 58.1 49.9 74.9

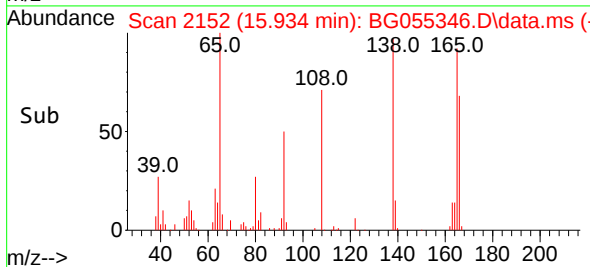
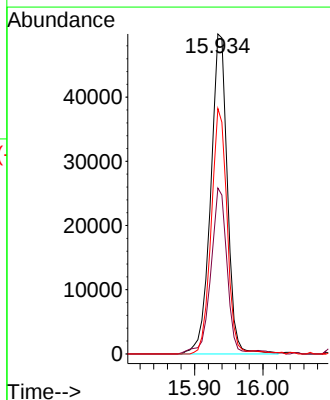
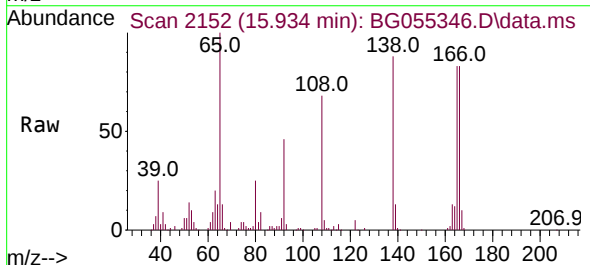
Manual Integrations
APPROVED

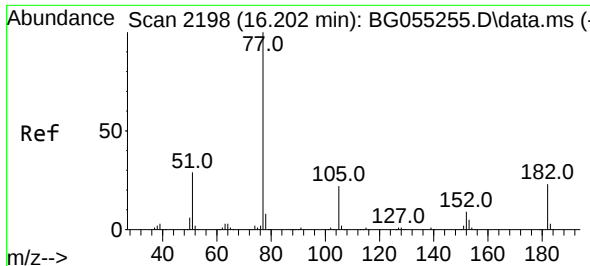
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#62
4-Nitroaniline
Concen: 42.529 ng
RT: 15.934 min Scan# 2152
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

Tgt Ion:138 Resp: 84330
Ion Ratio Lower Upper
138 100
92 51.8 33.3 73.3
108 76.7 55.5 95.5





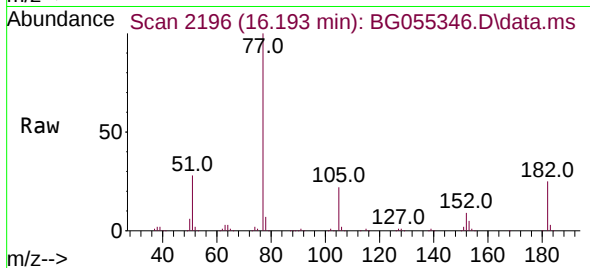
#63
Azobenzene
Concen: 43.258 ng
RT: 16.193 min Scan# 2196
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

Instrument :

BNA_G

ClientSampleId :

SB-F2-COMPMS

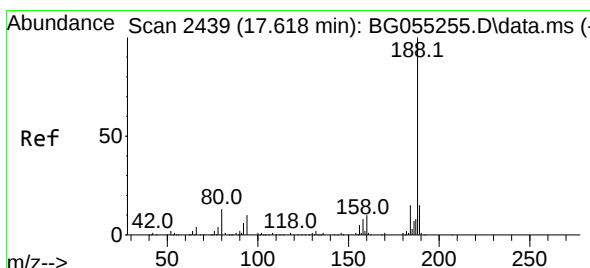
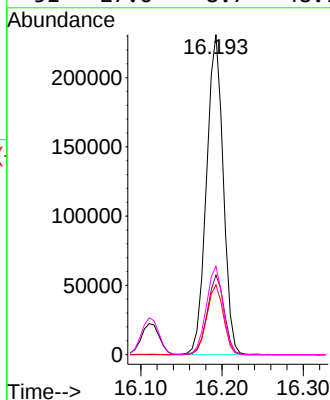
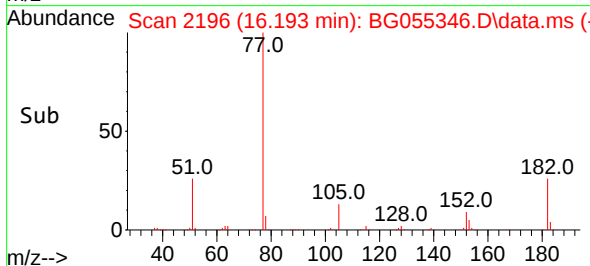


Tgt Ion: 77 Resp: 330738
Ion Ratio Lower Upper
77 100
182 24.9 2.5 42.5
105 21.8 1.6 41.6
51 27.6 8.7 48.7

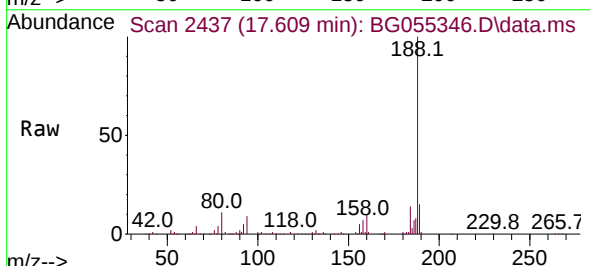
Manual Integrations

APPROVED

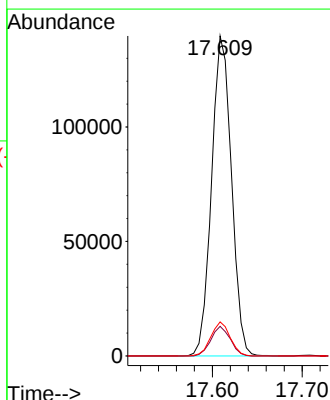
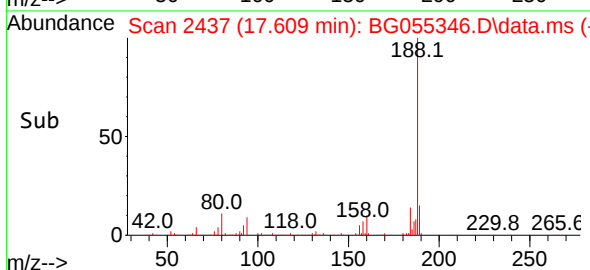
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

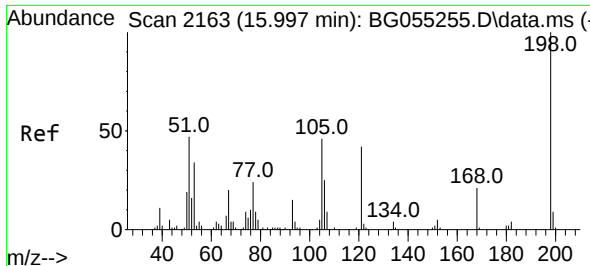


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.609 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59



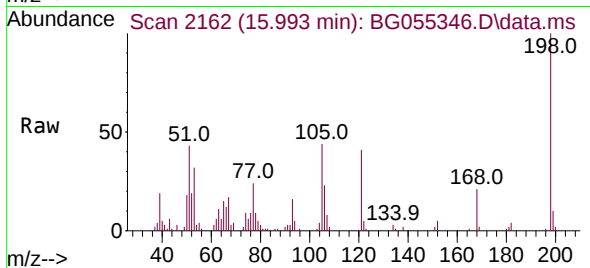
Tgt Ion:188 Resp: 216250
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.4
80 10.6 10.1 15.1





#65
4,6-Dinitro-2-methylphenol
Concen: 23.937 ng
RT: 15.993 min Scan# 2162
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

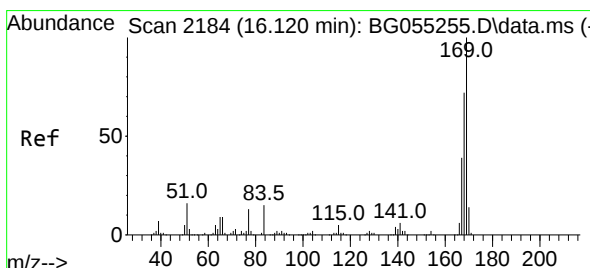
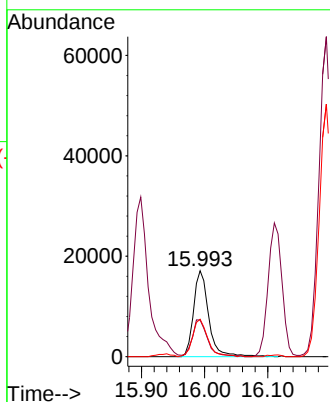
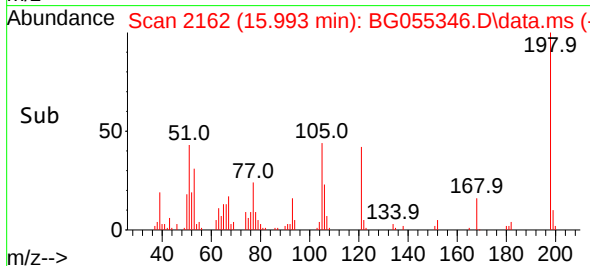
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



Tgt Ion:198 Resp: 28456
Ion Ratio Lower Upper
198 100
51 42.5 29.6 69.6
105 43.6 26.6 66.6

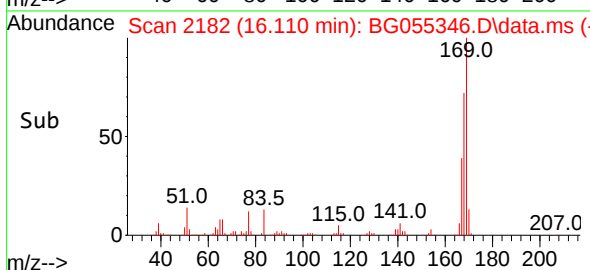
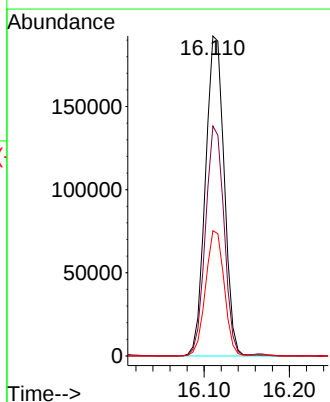
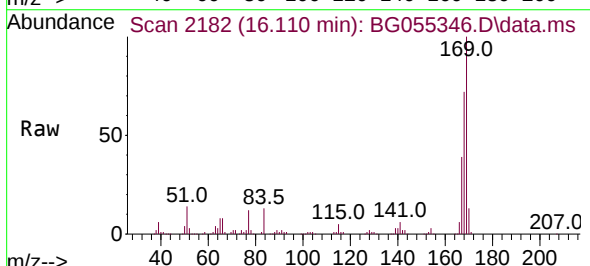
Manual Integrations
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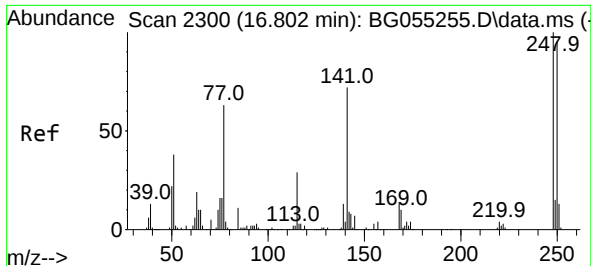
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#66
n-Nitrosodiphenylamine
Concen: 48.767 ng
RT: 16.110 min Scan# 2182
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

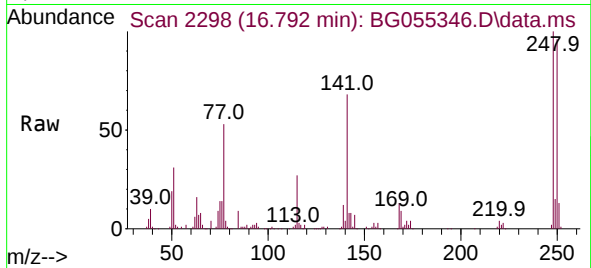
Tgt Ion:169 Resp: 293531
Ion Ratio Lower Upper
169 100
168 71.8 57.5 86.3
167 39.1 31.5 47.3





#67
4-Bromophenyl-phenylether
Concen: 52.886 ng
RT: 16.792 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

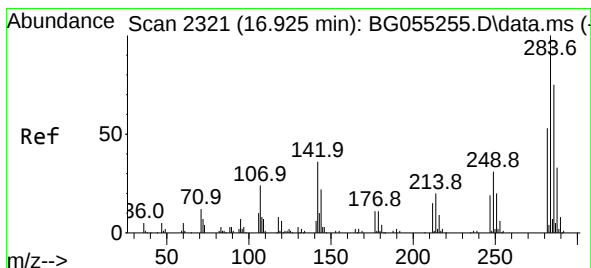
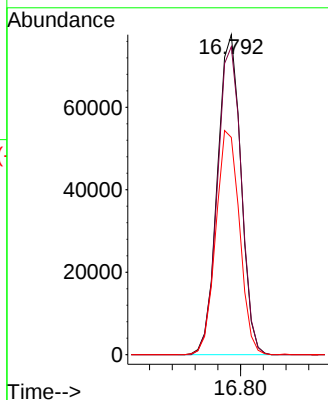
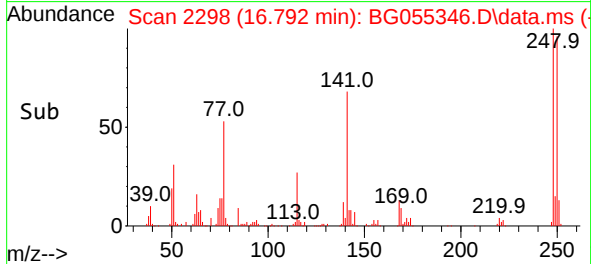
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



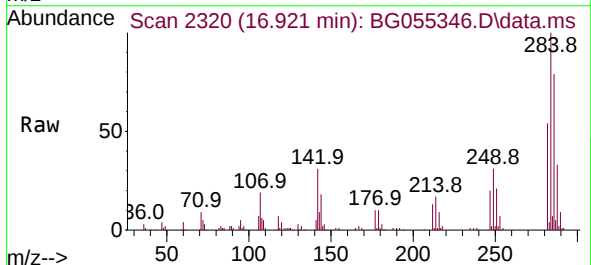
Tgt Ion:248 Resp: 111111
Ion Ratio Lower Upper
248 100
250 96.2 76.0 114.0
141 67.9 58.0 87.0

Manual Integrations
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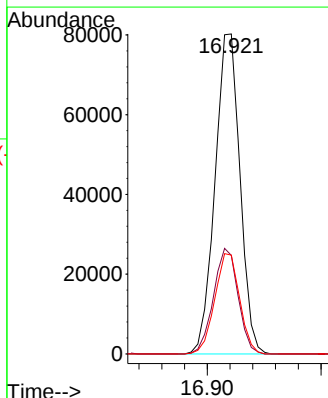
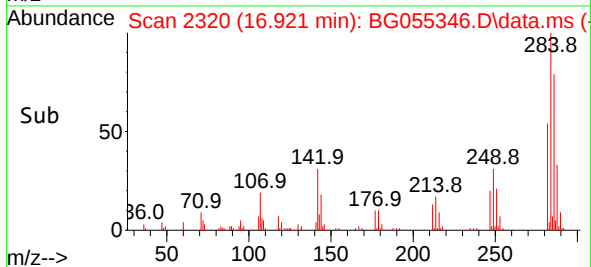
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

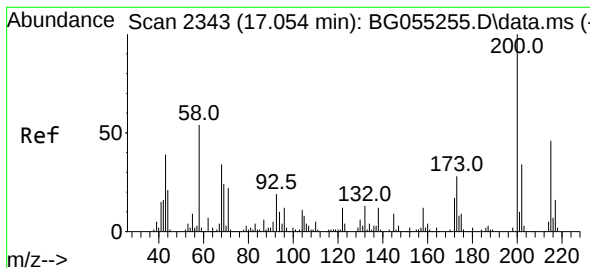


#68
Hexachlorobenzene
Concen: 51.455 ng
RT: 16.921 min Scan# 2320
Delta R.T. 0.002 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59



Tgt Ion:284 Resp: 122232
Ion Ratio Lower Upper
284 100
142 30.8 28.9 43.3
249 30.9 25.0 37.4





#69

Atrazine

Concen: 57.027 ng

RT: 17.050 min Scan# 2343

Delta R.T. 0.002 min

Lab File: BG055346.D

Acq: 28 Oct 2022 17:59

Instrument :

BNA_G

ClientSampleId :

SB-F2-COMPMS

Tgt Ion:200 Resp: 116719

Ion Ratio Lower Upper

200 100

173 26.2 7.7 47.7

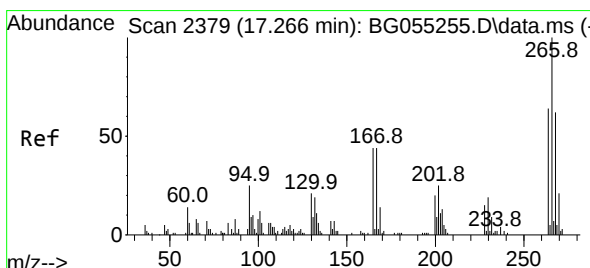
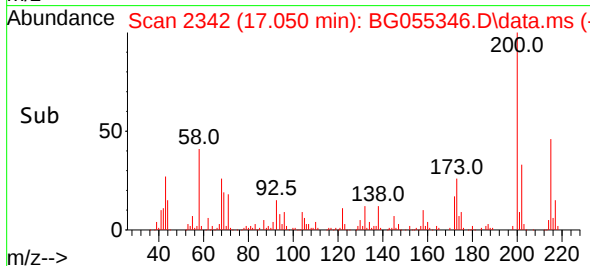
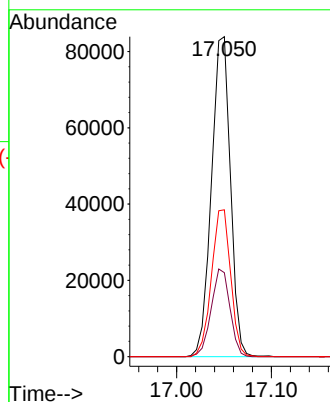
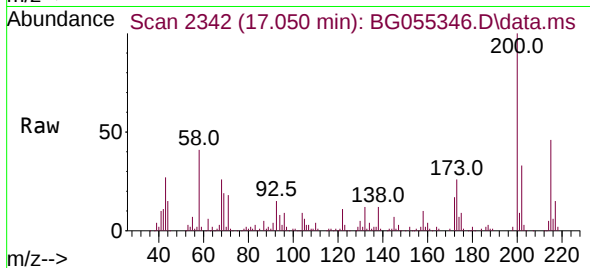
215 45.9 26.1 66.1

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#70

Pentachlorophenol

Concen: 79.467 ng

RT: 17.262 min Scan# 2378

Delta R.T. -0.004 min

Lab File: BG055346.D

Acq: 28 Oct 2022 17:59

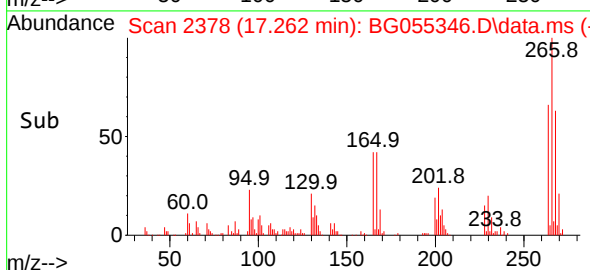
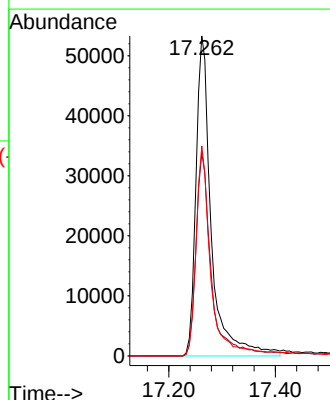
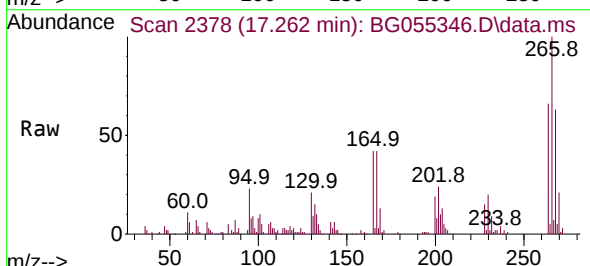
Tgt Ion:266 Resp: 106621

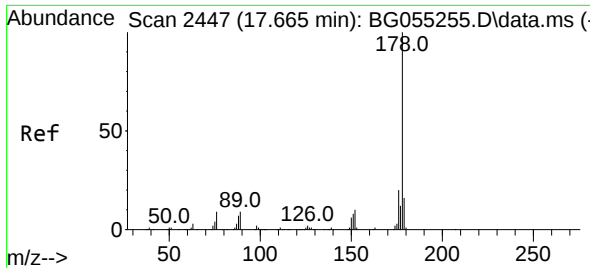
Ion Ratio Lower Upper

266 100

268 63.5 53.2 79.8

264 65.6 51.5 77.3





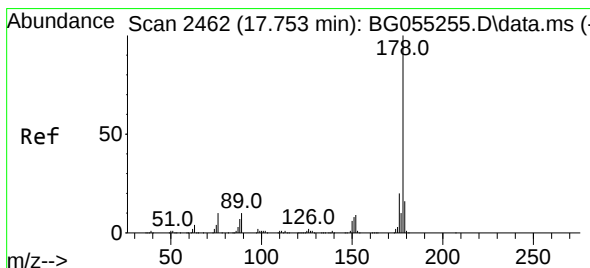
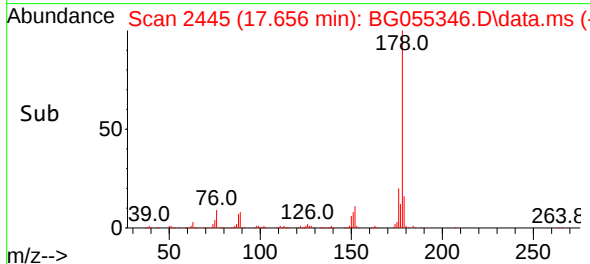
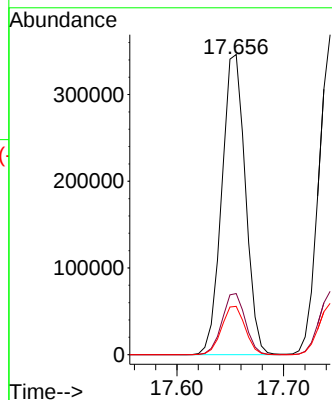
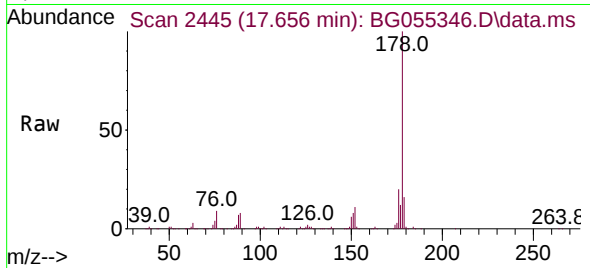
#71
Phenanthrene
Concen: 46.184 ng
RT: 17.656 min Scan# 2445
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS

Tgt Ion:178 Resp: 532628
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 16.1 12.6 19.0

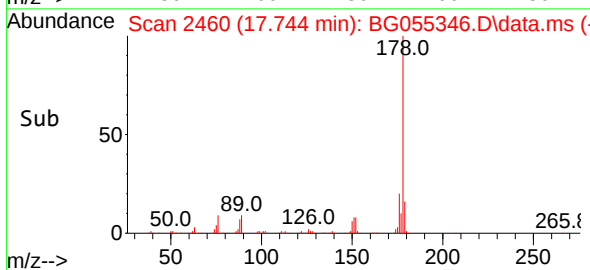
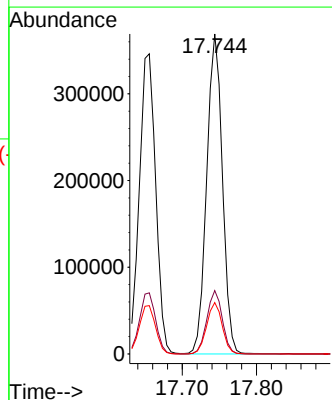
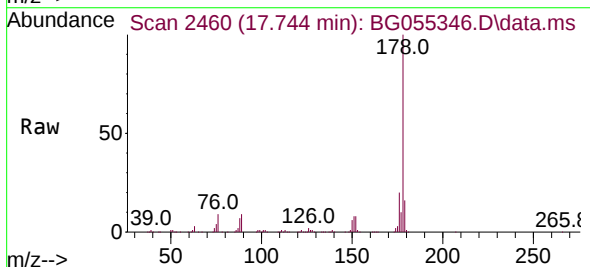
Manual Integrations
APPROVED

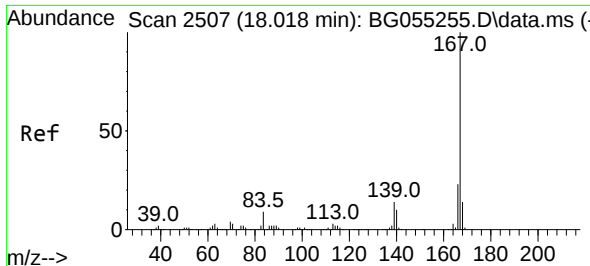
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#72
Anthracene
Concen: 48.131 ng
RT: 17.744 min Scan# 2460
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

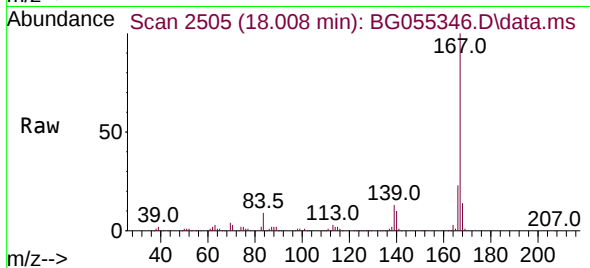
Tgt Ion:178 Resp: 542655
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 16.0 12.9 19.3





#73
Carbazole
Concen: 47.865 ng
RT: 18.008 min Scan# 2505
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

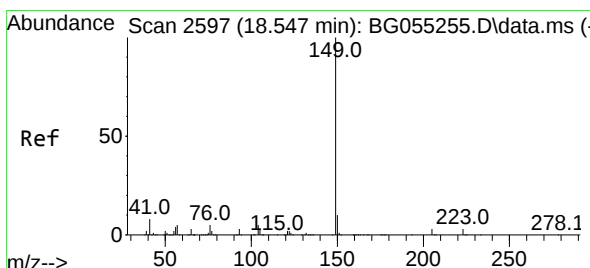
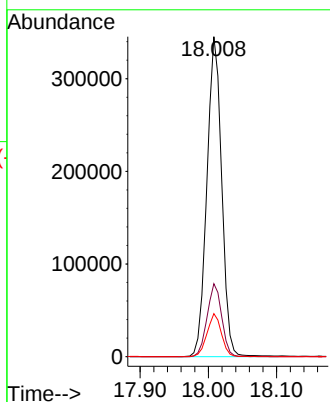
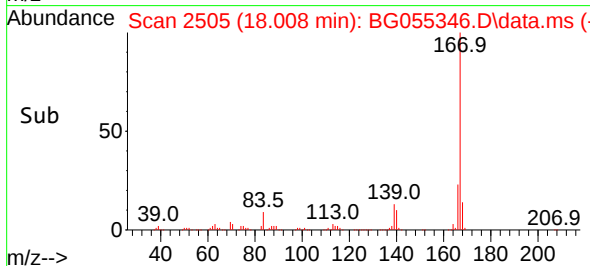
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



Tgt Ion:167 Resp: 519052
Ion Ratio Lower Upper
167 100
166 22.8 18.6 27.8
139 13.4 10.9 16.3

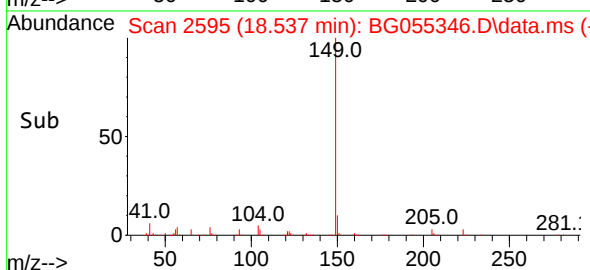
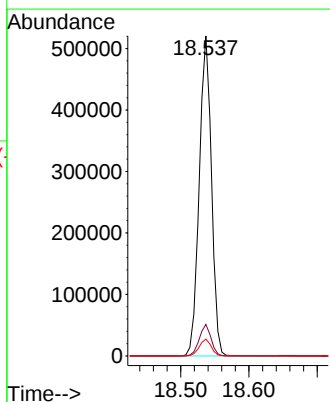
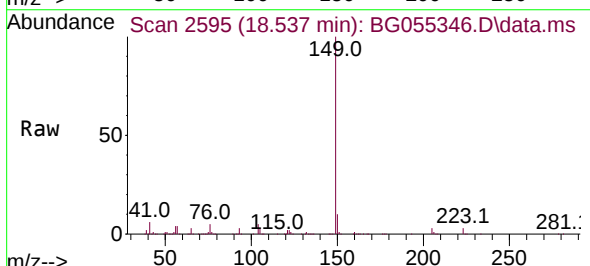
Manual Integrations
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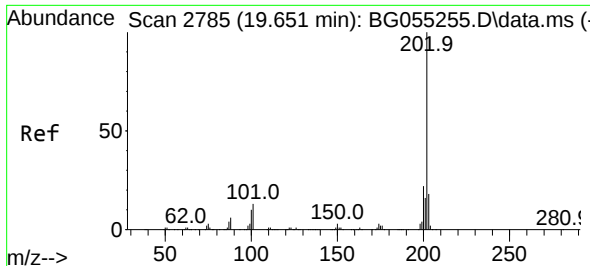
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#74
Di-n-butylphthalate
Concen: 47.802 ng
RT: 18.537 min Scan# 2595
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

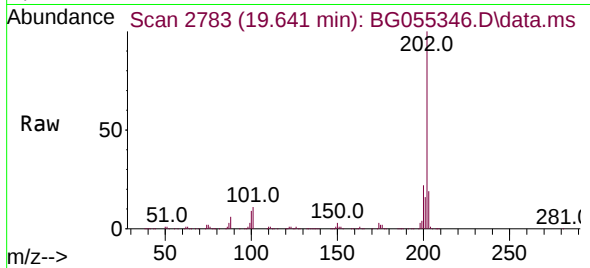
Tgt Ion:149 Resp: 647975
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.8
104 5.2 4.2 6.4





#75
Fluoranthene
Concen: 46.614 ng
RT: 19.641 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

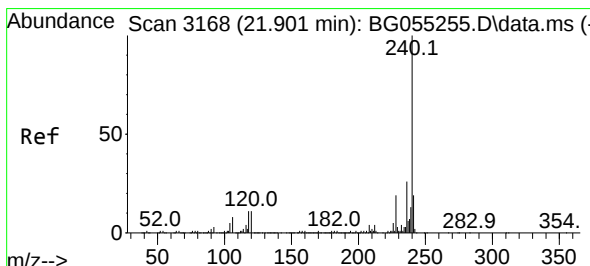
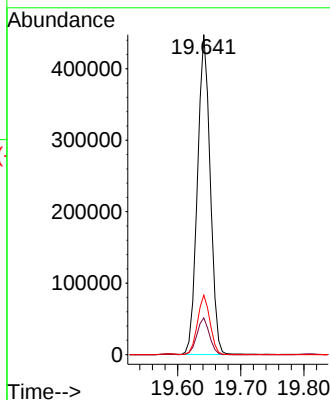
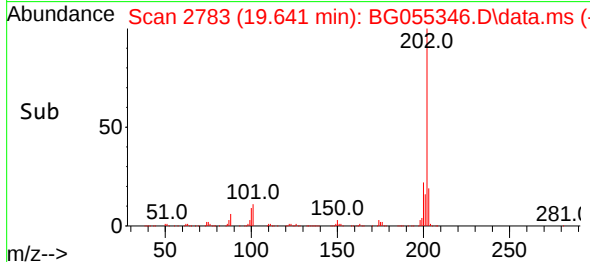
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



Tgt Ion:202 Resp: 626422
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.6
203 18.6 0.0 38.3

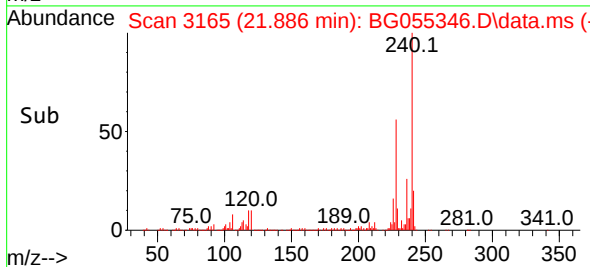
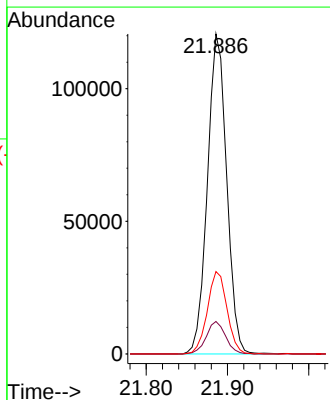
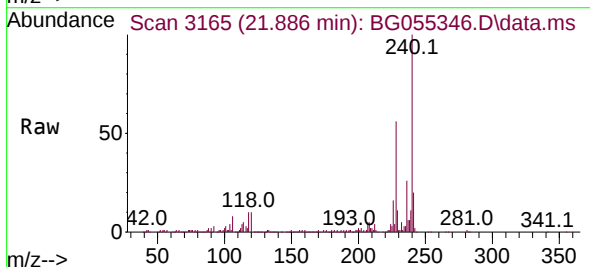
Manual Integrations
APPROVED

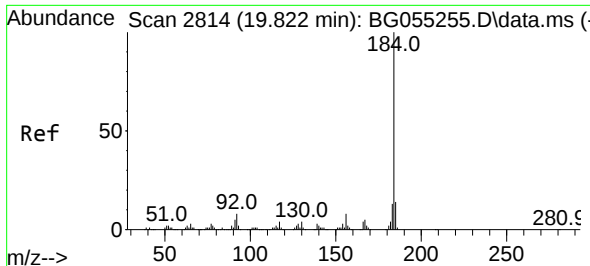
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.886 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

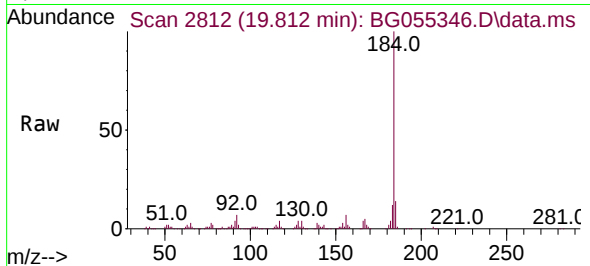
Tgt Ion:240 Resp: 198799
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 25.7 21.0 31.4





#77
Benzidine
Concen: 44.243 ng
RT: 19.812 min Scan# 2812
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

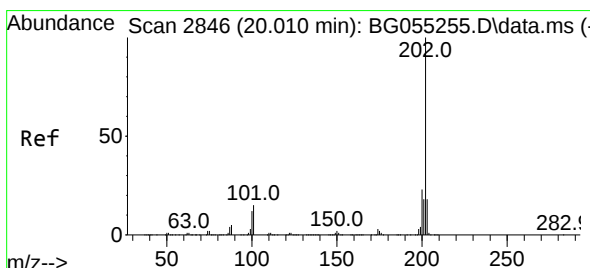
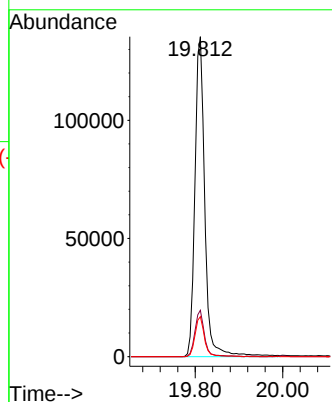
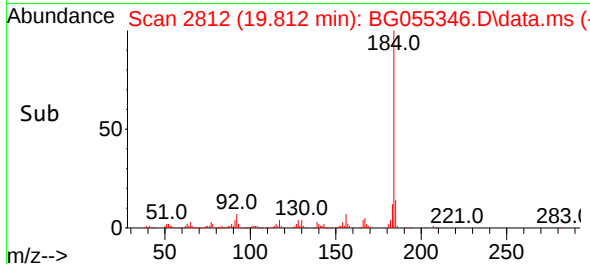
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



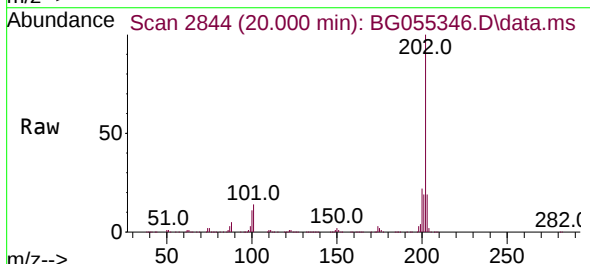
Tgt Ion:184 Resp: 212965
Ion Ratio Lower Upper
184 100
185 14.5 11.0 16.6
183 12.5 10.0 15.0

Manual Integrations
APPROVED

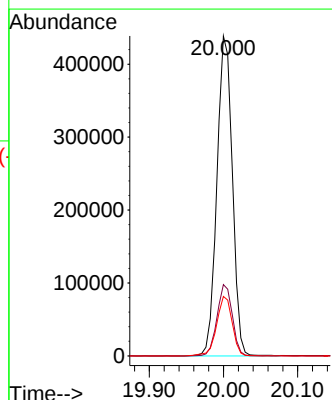
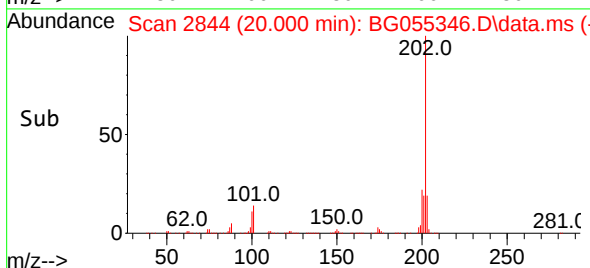
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

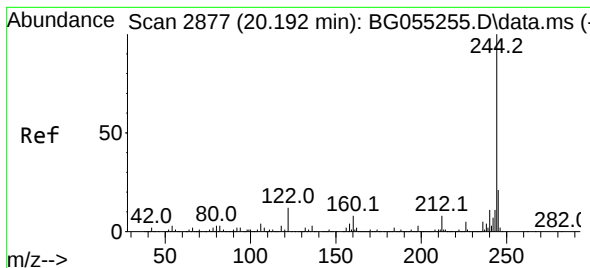


#78
Pyrene
Concen: 46.523 ng
RT: 20.000 min Scan# 2844
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59



Tgt Ion:202 Resp: 633936
Ion Ratio Lower Upper
202 100
200 22.3 18.0 27.0
203 18.6 14.3 21.5





#79

Terphenyl-d14

Concen: 88.097 ng

RT: 20.182 min Scan# 2877

Delta R.T. -0.004 min

Lab File: BG055346.D

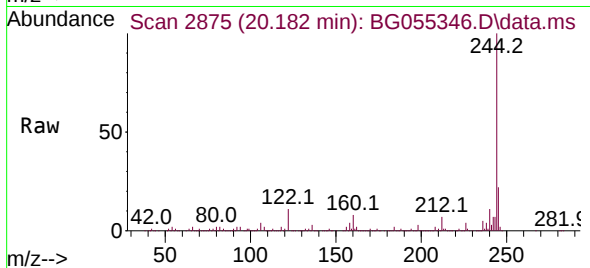
Acq: 28 Oct 2022 17:59

Instrument :

BNA_G

ClientSampleId :

SB-F2-COMPMS



Tgt Ion:244 Resp: 842942

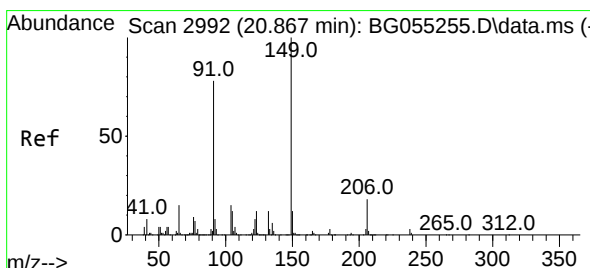
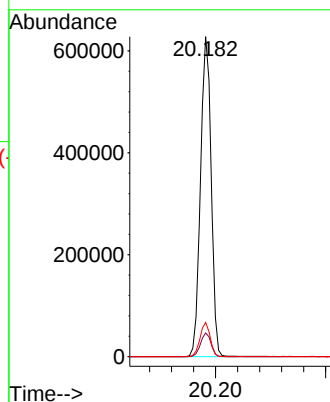
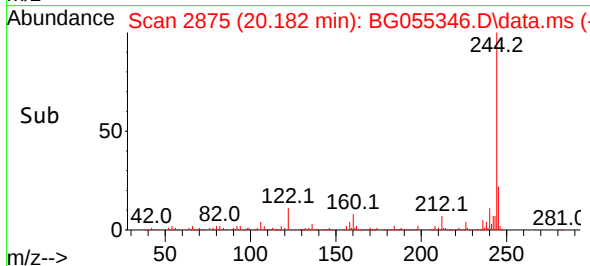
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.7	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#80

Butylbenzylphthalate

Concen: 44.221 ng

RT: 20.858 min Scan# 2990

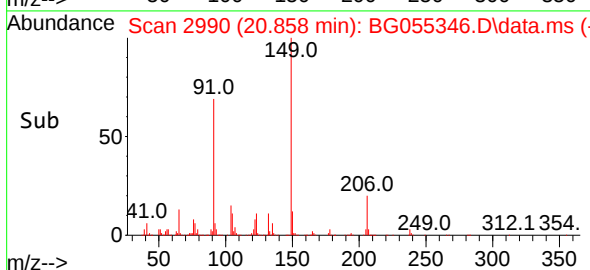
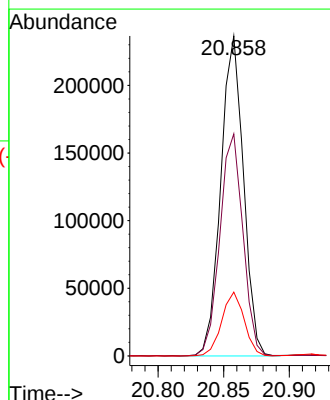
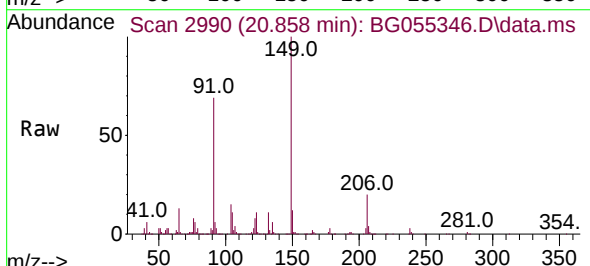
Delta R.T. -0.004 min

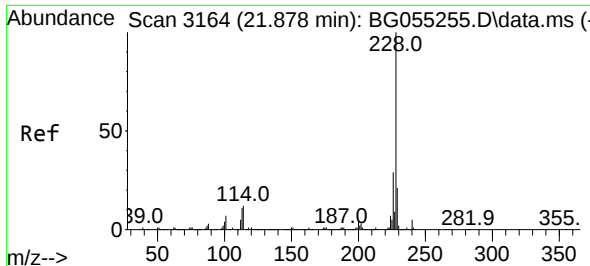
Lab File: BG055346.D

Acq: 28 Oct 2022 17:59

Tgt Ion:149 Resp: 284742

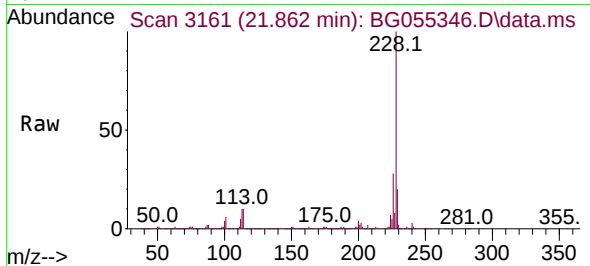
Ion	Ratio	Lower	Upper
149	100		
91	69.4	62.2	93.4
206	19.9	14.6	21.8





#81
Benzo(a)anthracene
Concen: 44.976 ng
RT: 21.862 min Scan# 3161
Delta R.T. -0.010 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

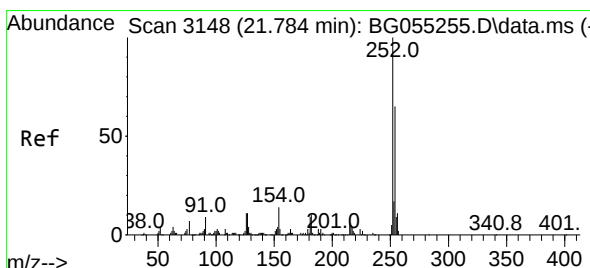
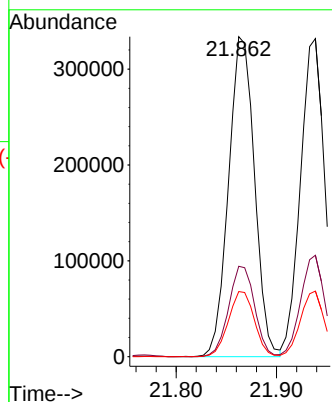
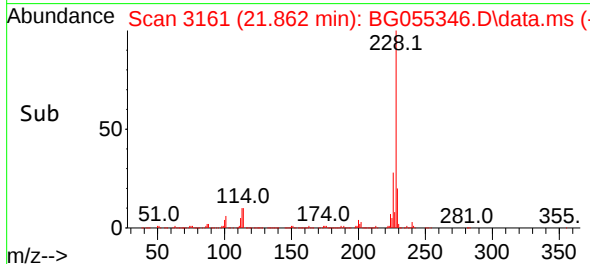
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



Tgt Ion:228 Resp: 600418
Ion Ratio Lower Upper
228 100
226 28.2 22.9 34.3
229 20.3 16.7 25.1

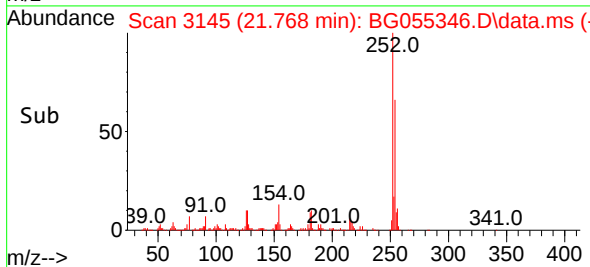
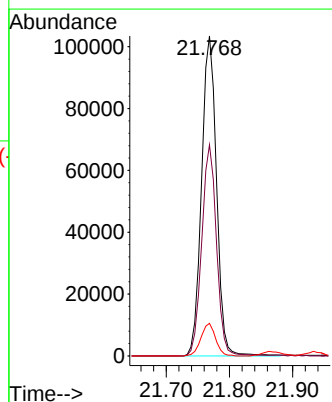
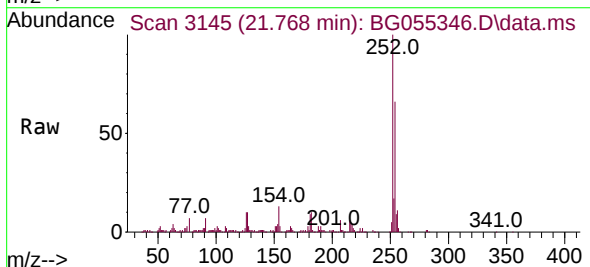
Manual Integrations
APPROVED

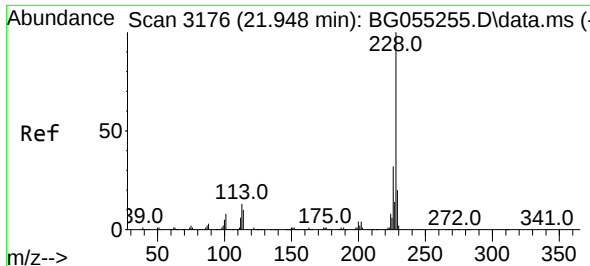
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#82
3,3'-Dichlorobenzidine
Concen: 39.055 ng
RT: 21.768 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

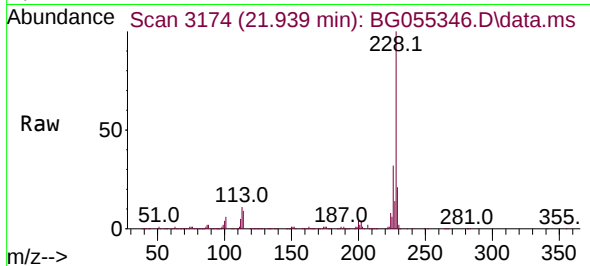
Tgt Ion:252 Resp: 169806
Ion Ratio Lower Upper
252 100
254 66.0 52.2 78.4
126 10.2 8.6 12.8





#83
Chrysene
Concen: 43.993 ng
RT: 21.939 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

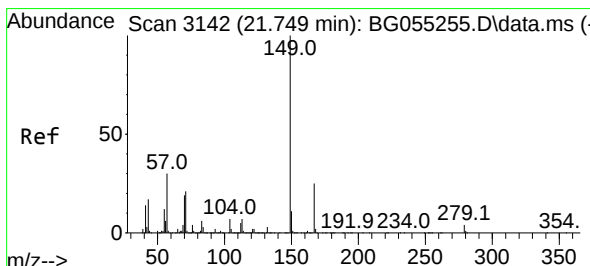
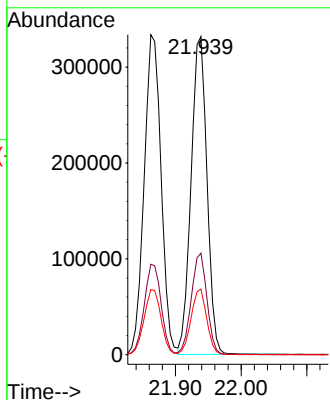
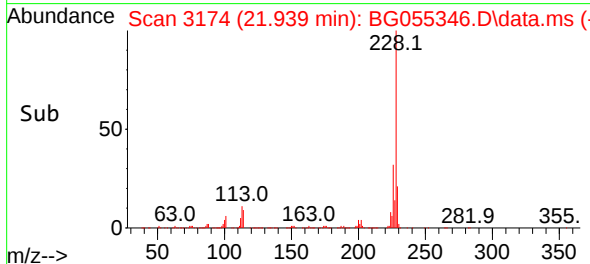
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



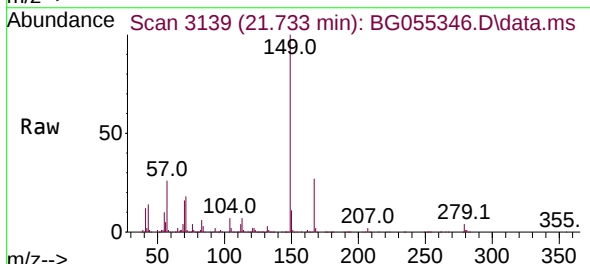
Tgt Ion:228 Resp: 557859
Ion Ratio Lower Upper
228 100
226 31.9 25.8 38.8
229 20.6 16.3 24.5

Manual Integrations
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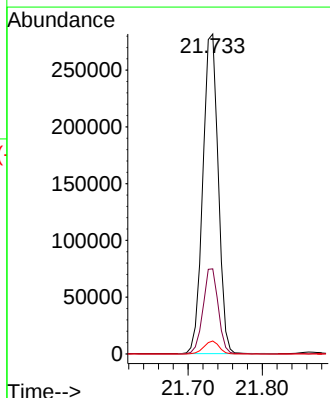
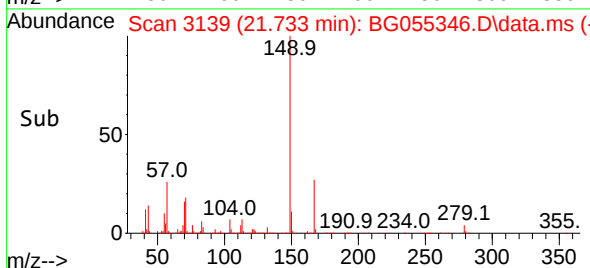
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

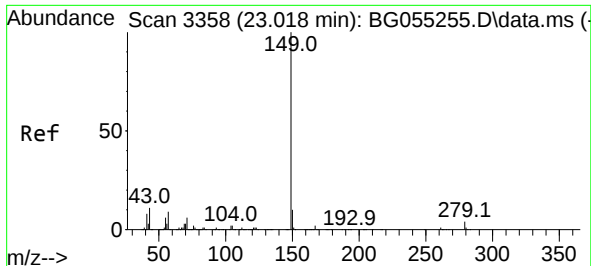


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.984 ng
RT: 21.733 min Scan# 3139
Delta R.T. 0.002 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59



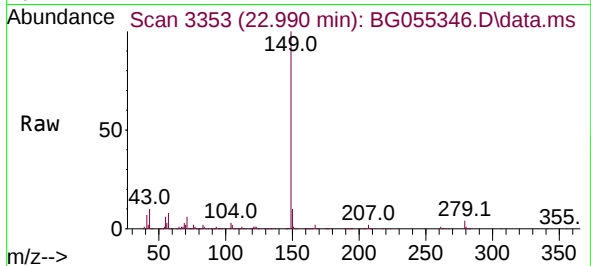
Tgt Ion:149 Resp: 404591
Ion Ratio Lower Upper
149 100
167 26.6 20.2 30.2
279 4.0 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 44.235 ng
RT: 22.990 min Scan# 3358
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

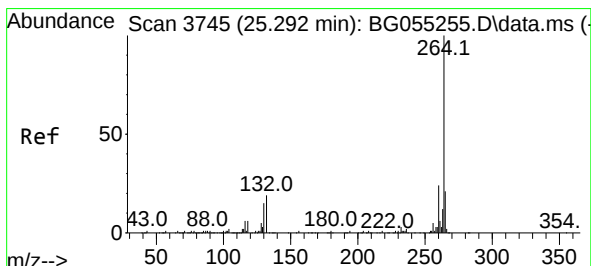
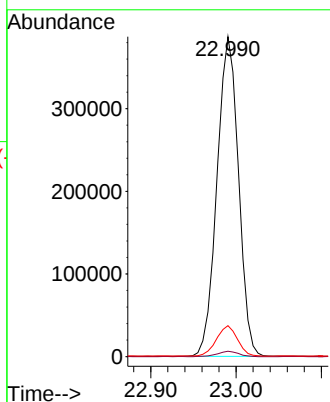
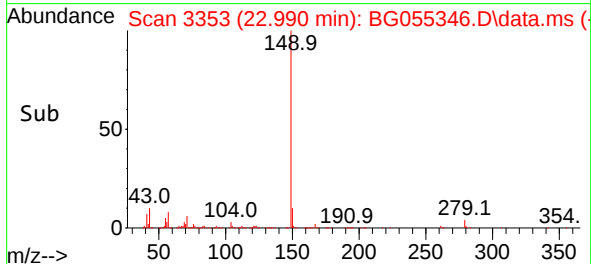
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



Tgt Ion:149 Resp: 677874
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 8.6 12.8

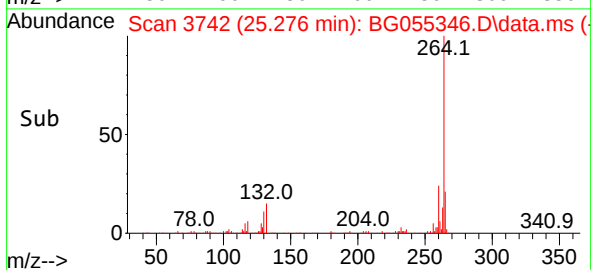
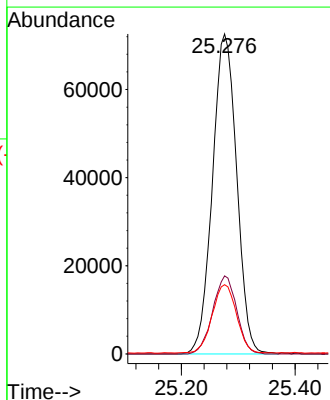
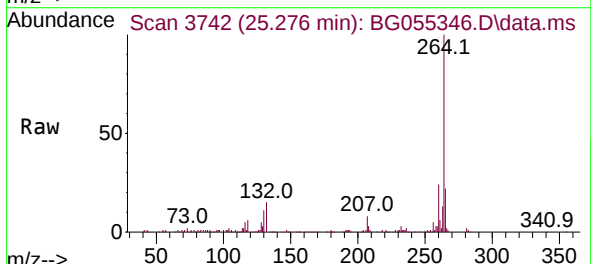
Manual Integrations
APPROVED

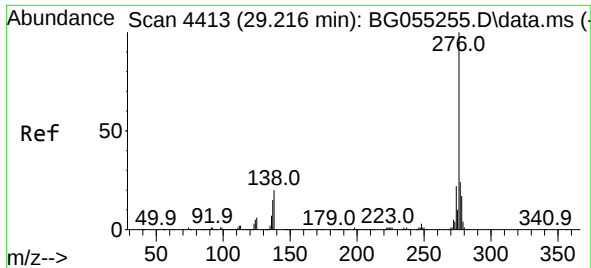
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.276 min Scan# 3742
Delta R.T. -0.010 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

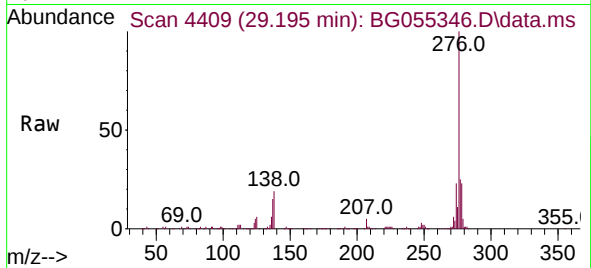
Tgt Ion:264 Resp: 214702
Ion Ratio Lower Upper
264 100
260 24.4 19.5 29.3
265 21.6 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.492 ng
RT: 29.195 min Scan# 4413
Delta R.T. -0.010 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

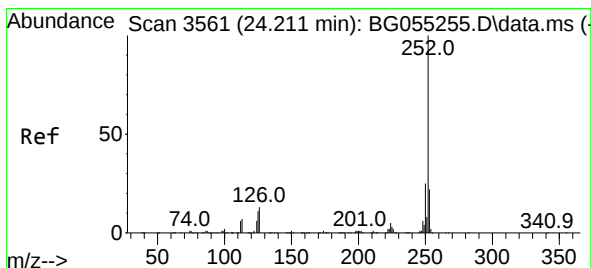
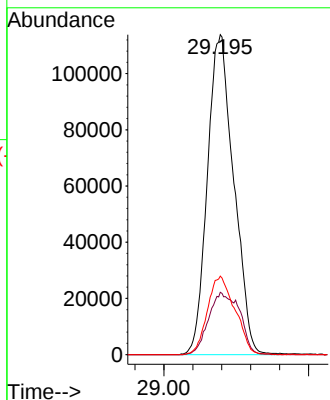
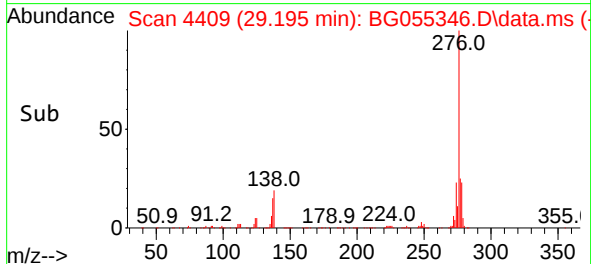
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



Tgt Ion:276 Resp: 721392
Ion Ratio Lower Upper
276 100
138 22.9 13.9 20.9
277 25.6 20.3 30.5

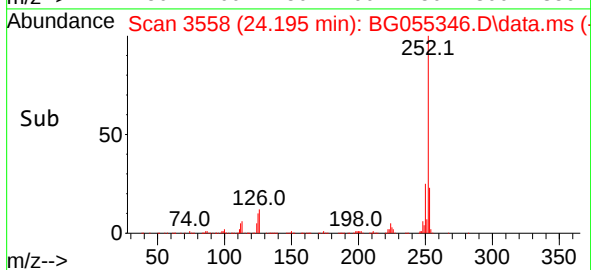
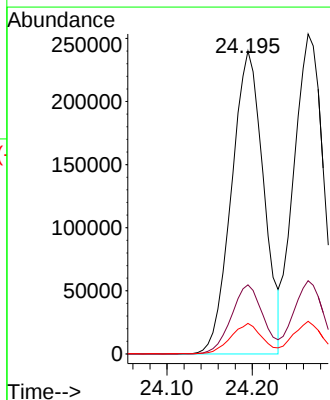
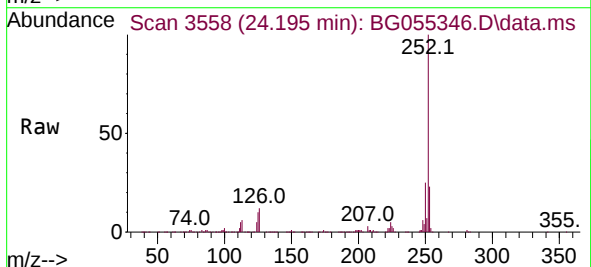
Manual Integrations
APPROVED

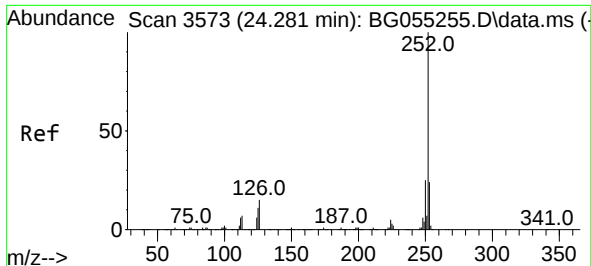
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#88
Benzo(b)fluoranthene
Concen: 48.630 ng
RT: 24.195 min Scan# 3558
Delta R.T. -0.004 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

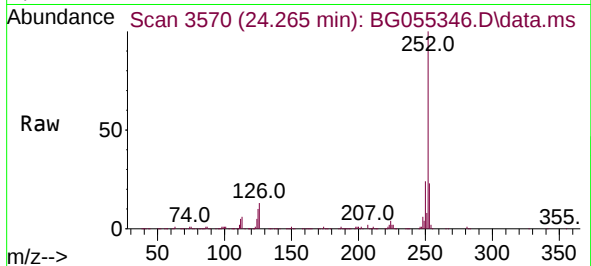
Tgt Ion:252 Resp: 628043
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 10.0 9.0 13.4





#89
Benzo(k)fluoranthene
Concen: 46.659 ng
RT: 24.265 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

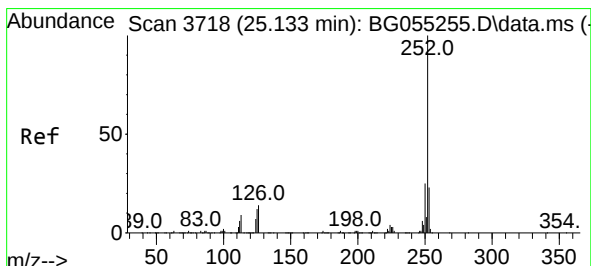
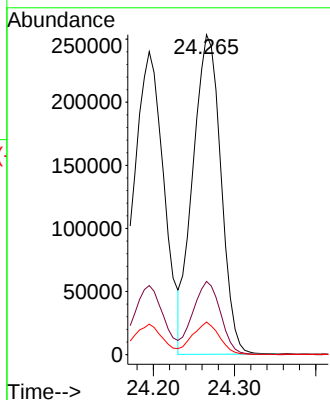
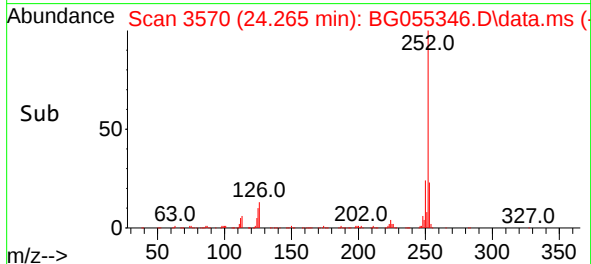
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



Tgt Ion:252 Resp: 608473
Ion Ratio Lower Upper
252 100
253 22.9 18.6 27.8
125 10.2 9.1 13.7

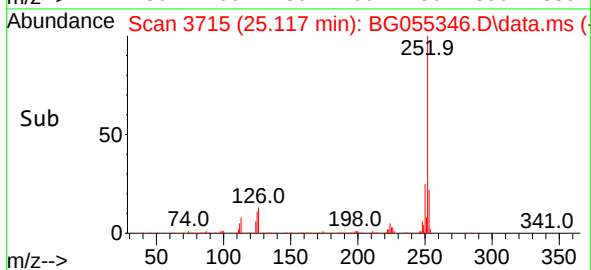
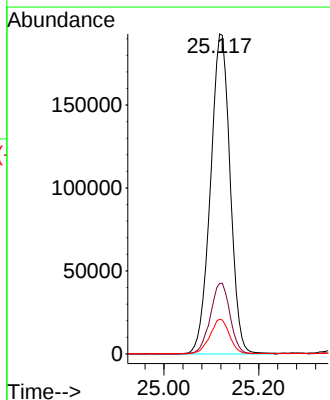
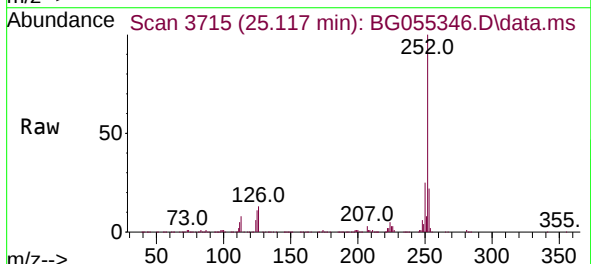
Manual Integrations
APPROVED

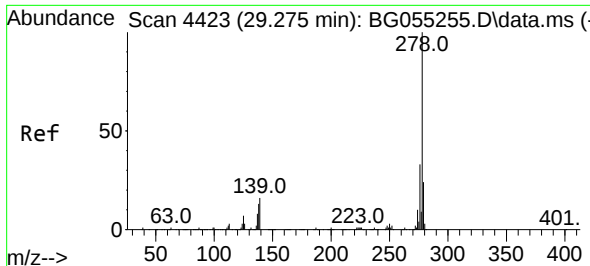
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#90
Benzo(a)pyrene
Concen: 50.121 ng
RT: 25.117 min Scan# 3715
Delta R.T. -0.010 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

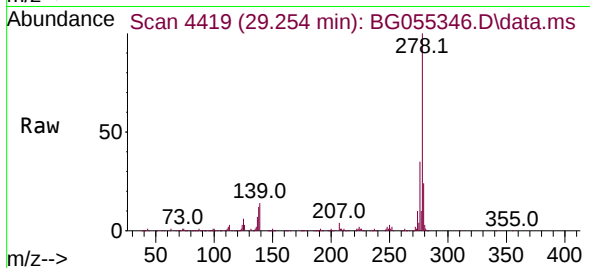
Tgt Ion:252 Resp: 555091
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 10.8 9.8 14.8





#91
Dibenzo(a,h)anthracene
Concen: 48.032 ng
RT: 29.254 min Scan# 4419
Delta R.T. -0.010 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

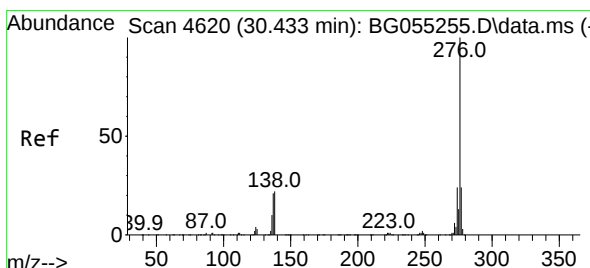
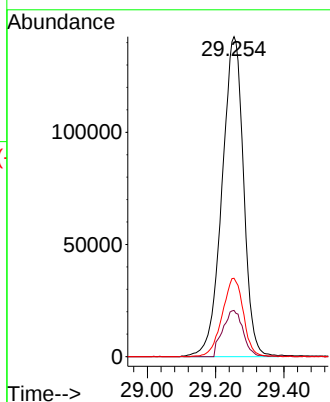
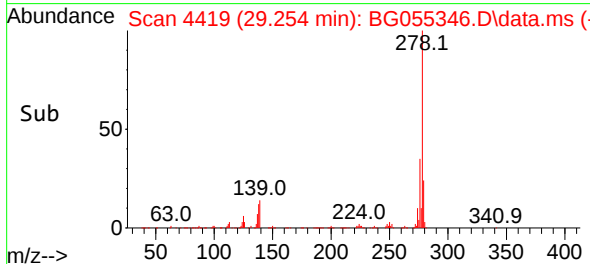
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMS



Tgt Ion:278 Resp: 625055
Ion Ratio Lower Upper
278 100
139 14.4 12.9 19.3
279 24.5 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#92
Benzo(g,h,i)perylene
Concen: 47.638 ng
RT: 30.417 min Scan# 4617
Delta R.T. -0.022 min
Lab File: BG055346.D
Acq: 28 Oct 2022 17:59

Tgt Ion:276 Resp: 614884
Ion Ratio Lower Upper
276 100
277 24.2 19.1 28.7
138 19.0 17.2 25.8

