

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055347.D
 Acq On : 28 Oct 2022 18:41
 Operator : CG/JU
 Sample : N5256-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-F2-COMPMSD

Manual Integrations
 APPROVED

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

Quant Time: Oct 29 04:55:11 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	8.260	152	32926	20.000	ng	0.00
21) Naphthalene-d8	11.092	136	147258	20.000	ng	0.00
39) Acenaphthene-d10	14.876	164	102154	20.000	ng	0.00
64) Phenanthrene-d10	17.614	188	230015	20.000	ng	# 0.00
76) Chrysene-d12	21.886	240	214270	20.000	ng	0.00
86) Perylene-d12	25.282	264	231337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.787	112	257218	136.786	ng	0.00
7) Phenol-d6	7.414	99	356408	130.824	ng	0.00
23) Nitrobenzene-d5	9.435	82	213308	73.967	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	160222	144.279	ng	0.00
45) 2-Fluorobiphenyl	13.507	172	501469	80.347	ng	0.00
79) Terphenyl-d14	20.182	244	852728	82.685	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.595	88	34901	38.439	ng	99
3) Pyridine	4.012	79	91140	33.333	ng	94
4) n-Nitrosodimethylamine	3.924	42	44572	36.692	ng	# 94
6) Aniline	7.579	93	133957	37.560	ng	100
8) 2-Chlorophenol	7.826	128	108139	49.465	ng	96
9) Benzaldehyde	7.391	77	51868	27.885	ng	98
10) Phenol	7.438	94	142454	46.683	ng	99
11) bis(2-Chloroethyl)ether	7.667	93	96007	41.678	ng	99
12) 1,3-Dichlorobenzene	8.155	146	110718	46.416	ng	95
13) 1,4-Dichlorobenzene	8.301	146	111695	45.844	ng	98
14) 1,2-Dichlorobenzene	8.625	146	108243	46.144	ng	99
15) Benzyl Alcohol	8.501	79	98811m	43.342	ng	
16) 2,2'-oxybis(1-Chloropr...	8.783	45	144989	38.461	ng	96
17) 2-Methylphenol	8.701	107	98531	45.656	ng	97
18) Hexachloroethane	9.359	117	39338	45.343	ng	93
19) n-Nitroso-di-n-propyla...	9.065	70	88460	39.102	ng	97
20) 3+4-Methylphenols	9.030	107	136837	44.270	ng	99
22) Acetophenone	9.095	105	164205	43.616	ng	# 96
24) Nitrobenzene	9.482	77	124557	41.481	ng	98
25) Isophorone	10.005	82	243405	41.787	ng	95
26) 2-Nitrophenol	10.199	139	63972	48.649	ng	91
27) 2,4-Dimethylphenol	10.246	122	105361m	51.324	ng	
28) bis(2-Chloroethoxy)met...	10.475	93	141714	48.186	ng	98
29) 2,4-Dichlorophenol	10.740	162	112016	50.864	ng	96
30) 1,2,4-Trichlorobenzene	10.951	180	105761	47.054	ng	99
31) Naphthalene	11.145	128	336927	42.889	ng	100
32) Benzoic acid	10.399	122	50692	34.008	ng	98
33) 4-Chloroaniline	11.245	127	90777	27.029	ng	99
34) Hexachlorobutadiene	11.415	225	63399	49.368	ng	99
35) Caprolactam	12.015	113	40557m	39.680	ng	
36) 4-Chloro-3-methylphenol	12.350	107	128542	46.387	ng	99
37) 2-Methylnaphthalene	12.726	142	244072	43.093	ng	99
38) 1-Methylnaphthalene	12.943	142	233133	41.722	ng	99
40) 1,2,4,5-Tetrachloroben...	13.090	216	123677	50.197	ng	99
41) Hexachlorocyclopentadiene	13.061	237	142479	119.323	ng	97
43) 2,4,6-Trichlorophenol	13.325	196	89839	49.369	ng	99

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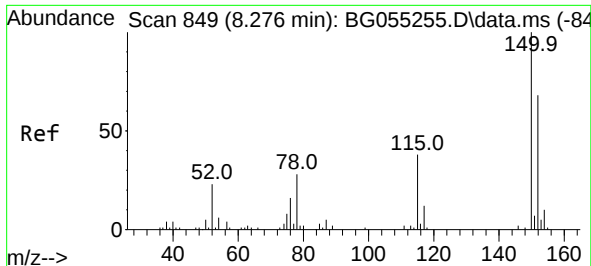
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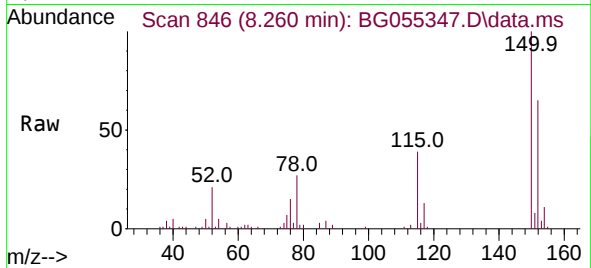
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.401	196	99225	49.298	ng	96
46) 1,1'-Biphenyl	13.719	154	333554	47.607	ng	99
47) 2-Chloronaphthalene	13.766	162	253382	45.861	ng	97
48) 2-Nitroaniline	13.965	65	87312	40.409	ng	92
49) Acenaphthylene	14.606	152	420315	44.070	ng	99
50) Dimethylphthalate	14.318	163	343623	42.843	ng	100
51) 2,6-Dinitrotoluene	14.447	165	75094	46.011	ng	91
52) Acenaphthene	14.941	154	278145m	45.752	ng	
53) 3-Nitroaniline	14.782	138	64823	31.601	ng	99
54) 2,4-Dinitrophenol	14.988	184	58473	62.143	ng	94
55) Dibenzofuran	15.270	168	404112	44.307	ng	99
56) 4-Nitrophenol	15.088	139	131026	89.305	ng	94
57) 2,4-Dinitrotoluene	15.235	165	108204	45.686	ng	86
58) Fluorene	15.916	166	325280	42.862	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.499	232	81838	45.608	ng	96
60) Diethylphthalate	15.669	149	361283	42.345	ng	98
61) 4-Chlorophenyl-phenyle...	15.898	204	168824	48.409	ng	96
62) 4-Nitroaniline	15.940	138	86988	40.354	ng	96
63) Azobenzene	16.192	77	334962	40.300	ng	97
65) 4,6-Dinitro-2-methylph...	15.992	198	53275	42.132	ng	93
66) n-Nitrosodiphenylamine	16.116	169	293552	45.852	ng	99
67) 4-Bromophenyl-phenylether	16.792	248	111078	49.706	ng	95
68) Hexachlorobenzene	16.915	284	124515	49.280	ng	97
69) Atrazine	17.050	200	116935	53.714	ng	99
70) Pentachlorophenol	17.262	266	126274	88.194	ng	97
71) Phenanthrene	17.655	178	537100	43.785	ng	99
72) Anthracene	17.743	178	547881	45.687	ng	99
73) Carbazole	18.008	167	521726	45.232	ng	99
74) Di-n-butylphthalate	18.537	149	651519	45.187	ng	99
75) Fluoranthene	19.641	202	637952	44.631	ng	98
77) Benzidine	19.812	184	227587	43.867	ng	99
78) Pyrene	20.005	202	643429	43.810	ng	100
80) Butylbenzylphthalate	20.857	149	289131	41.660	ng	91
81) Benzo(a)anthracene	21.868	228	608321	42.278	ng	99
82) 3,3'-Dichlorobenzidine	21.768	252	168085	35.868	ng	99
83) Chrysene	21.938	228	566185	41.425	ng	99
84) Bis(2-ethylhexyl)phtha...	21.733	149	411753	41.531	ng	97
85) Di-n-octyl phthalate	22.990	149	689604	41.751	ng	96
87) Indeno(1,2,3-cd)pyrene	29.189	276	731936	42.838	ng	# 94
88) Benzo(b)fluoranthene	24.195	252	634226	45.577	ng	98
89) Benzo(k)fluoranthene	24.271	252	626907	44.616	ng	97
90) Benzo(a)pyrene	25.123	252	562771	47.160	ng	99
91) Dibenzo(a,h)anthracene	29.248	278	638568	45.542	ng	97
92) Benzo(g,h,i)perylene	30.417	276	628118	45.164	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.260 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

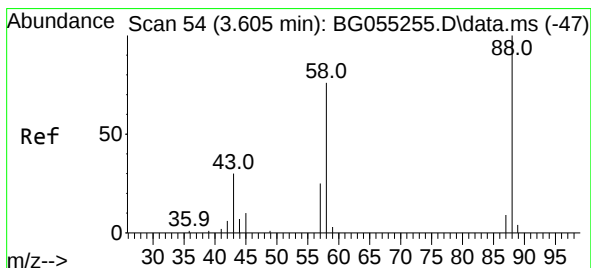
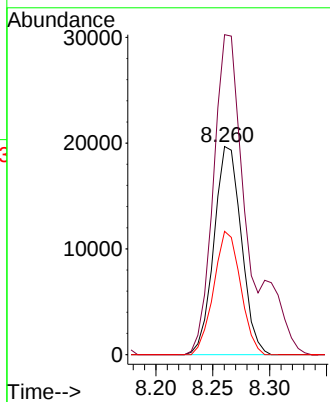
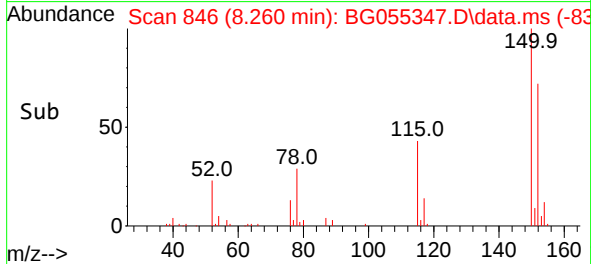
Instrument :
BNA_G
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Tgt Ion:152 Resp: 32926
Ion Ratio Lower Upper
152 100
150 153.8 118.2 177.4
115 59.2 44.5 66.7

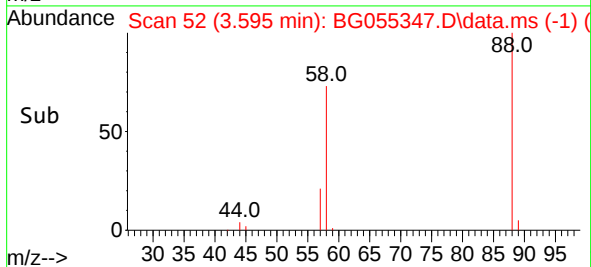
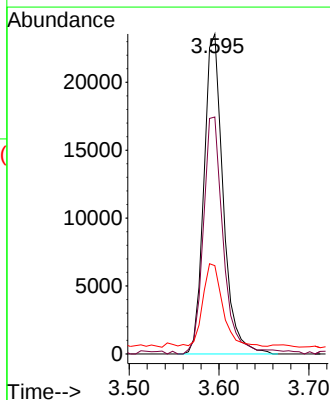
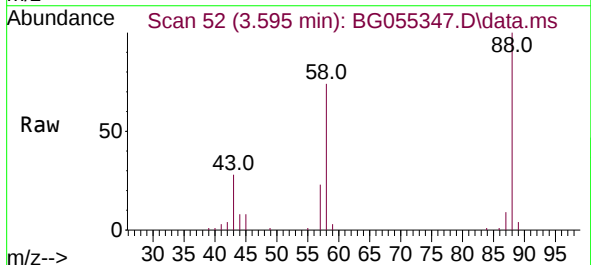
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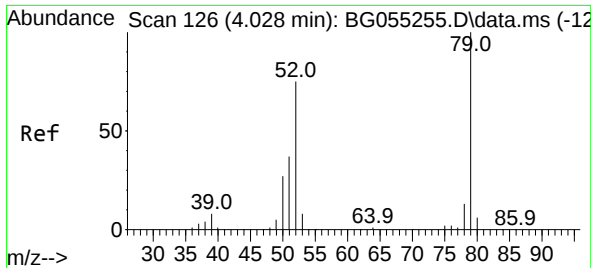
Reviewed By :Christian Giraldo 10/31/2022
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#2
1,4-Dioxane
Concen: 38.439 ng
RT: 3.595 min Scan# 52
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

Tgt Ion: 88 Resp: 34901
Ion Ratio Lower Upper
88 100
58 77.7 61.0 91.6
43 26.5 21.5 32.3





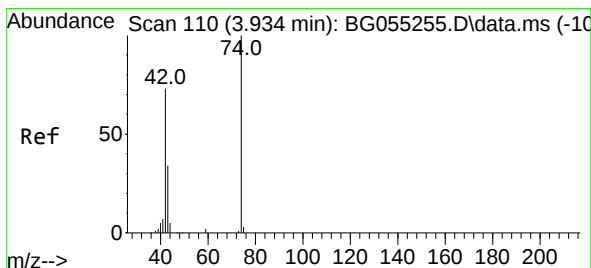
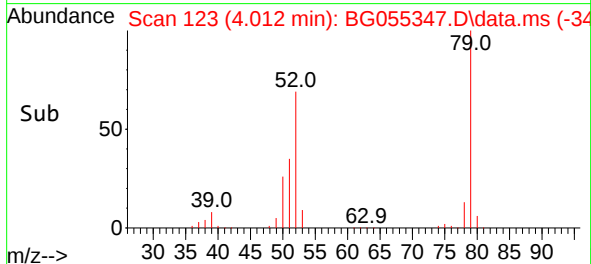
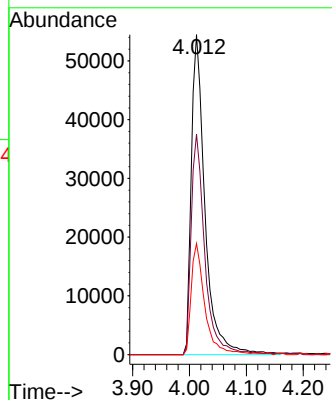
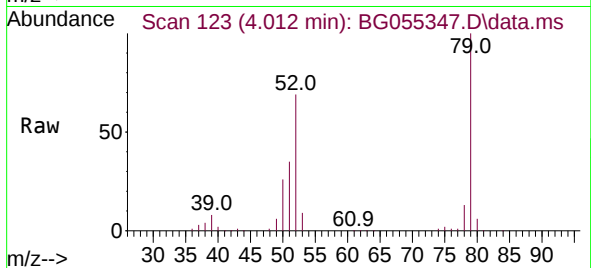
#3
Pyridine
Concen: 33.333 ng
RT: 4.012 min Scan# 110
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD

Tgt Ion: 79 Resp: 91140
Ion Ratio Lower Upper
79 100
52 68.9 59.9 89.9
51 34.7 30.3 45.5

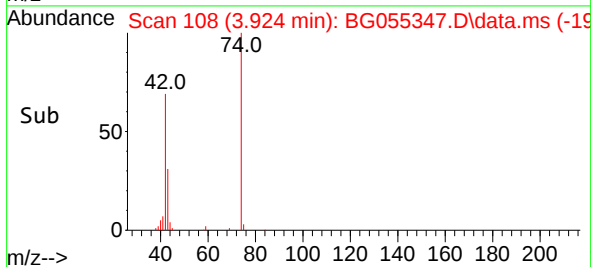
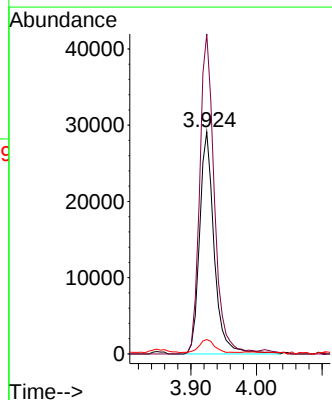
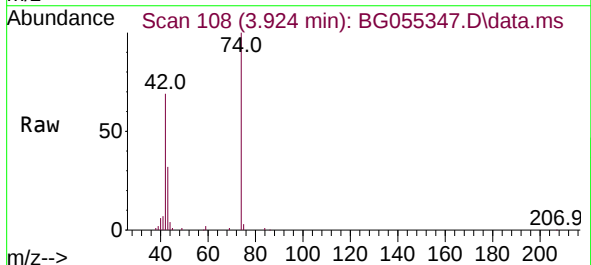
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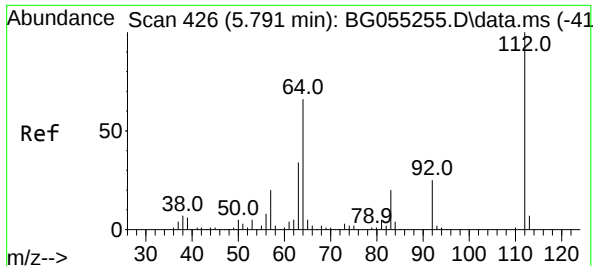
Reviewed By :Christian Giraldo 10/31/2022
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#4
n-Nitrosodimethylamine
Concen: 36.692 ng
RT: 3.924 min Scan# 108
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

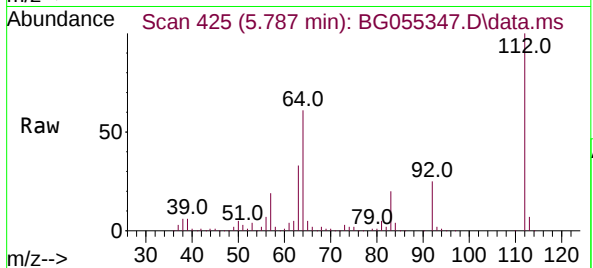
Tgt Ion: 42 Resp: 44572
Ion Ratio Lower Upper
42 100
74 144.1 109.8 164.6
44 6.5 6.5 9.7#





#5
2-Fluorophenol
Concen: 136.786 ng
RT: 5.787 min Scan# 41
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

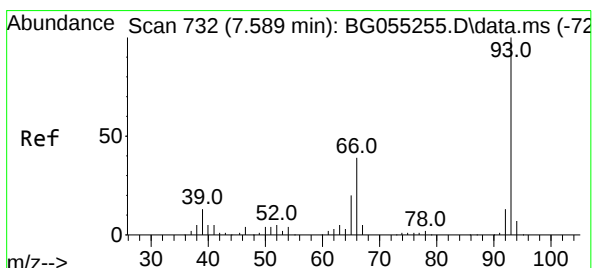
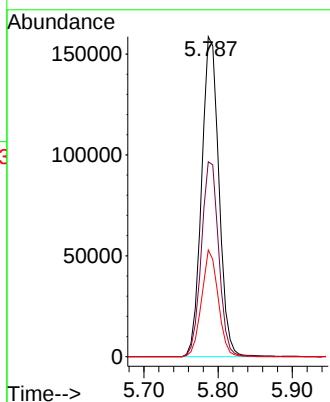
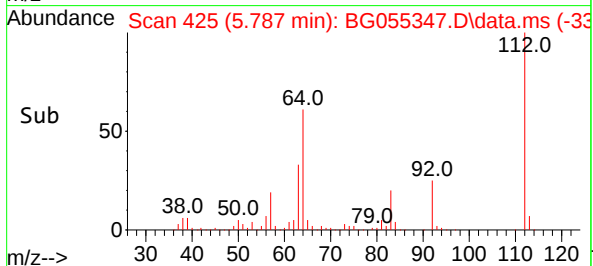
Instrument :
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Tgt Ion:112 Resp: 257218
Ion Ratio Lower Upper
112 100
64 60.9 52.6 78.8
63 33.3 27.1 40.7

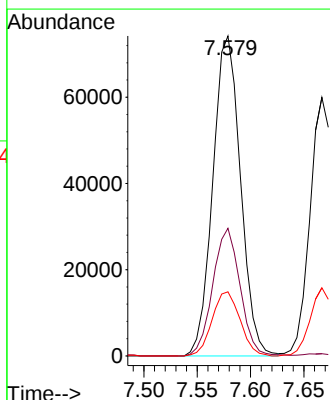
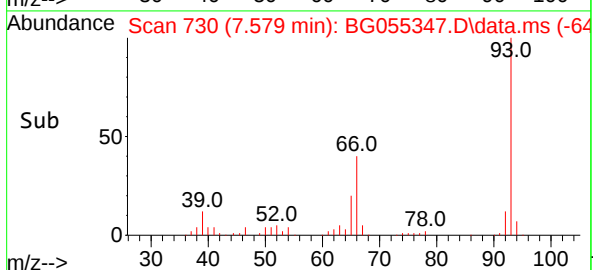
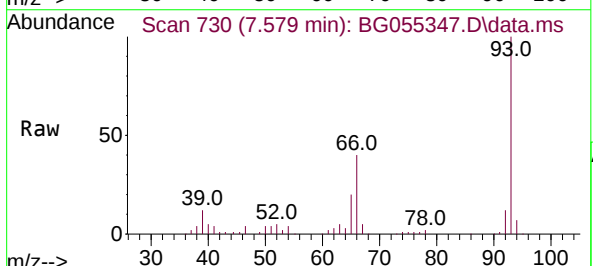
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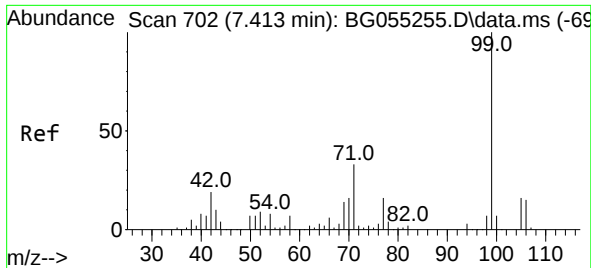
Reviewed By :Christian Giraldo 10/31/2022
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#6
Aniline
Concen: 37.560 ng
RT: 7.579 min Scan# 730
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

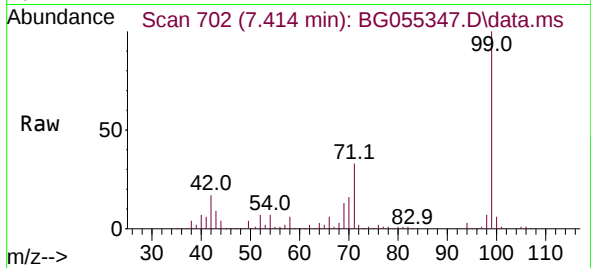
Tgt Ion: 93 Resp: 133957
Ion Ratio Lower Upper
93 100
66 39.9 31.6 47.4
65 20.0 16.0 24.0





#7
Phenol-d6
Concen: 130.824 ng
RT: 7.414 min Scan# 702
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

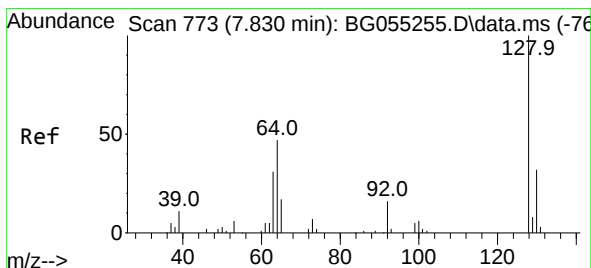
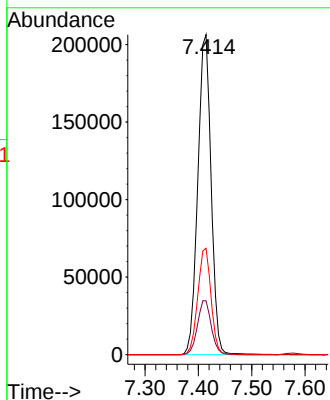
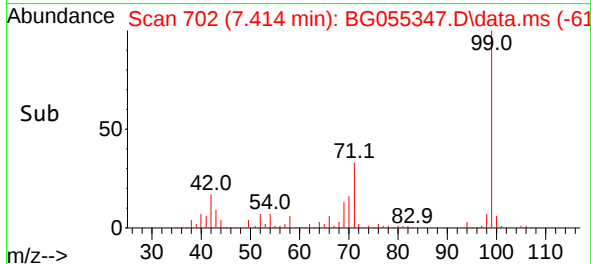
Instrument :
BNA_G
ClientSampleId :
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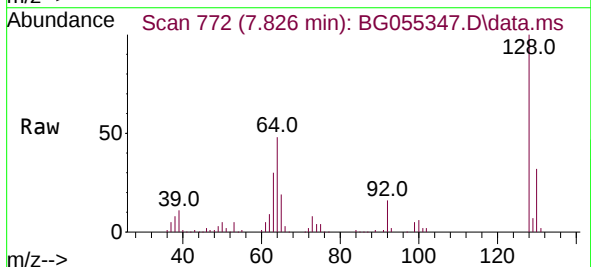
Tgt Ion: 99 Resp: 356408
Ion Ratio Lower Upper
99 100
42 16.8 15.2 22.8
71 33.2 26.2 39.4

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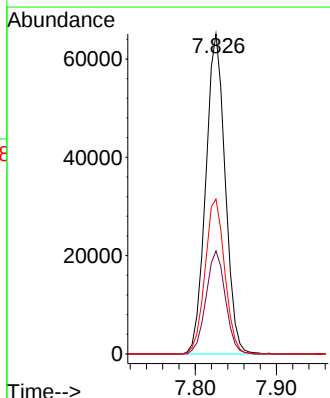
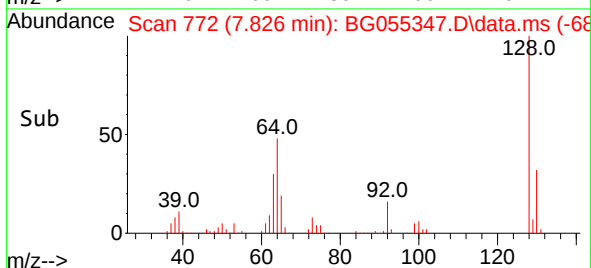
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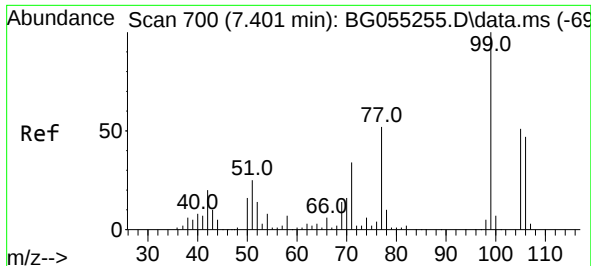


#8
2-Chlorophenol
Concen: 49.465 ng
RT: 7.826 min Scan# 772
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41



Tgt Ion:128 Resp: 108139
Ion Ratio Lower Upper
128 100
130 32.2 12.4 52.4
64 48.4 33.2 73.2





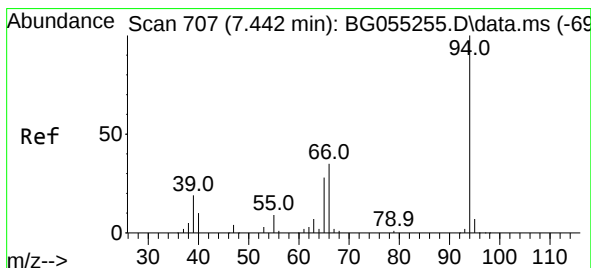
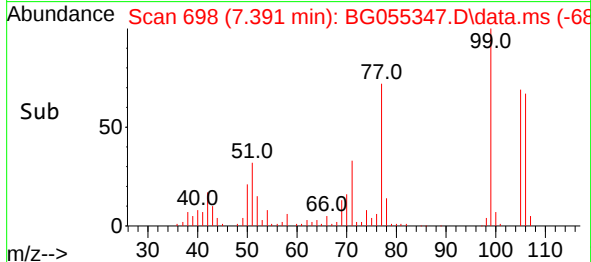
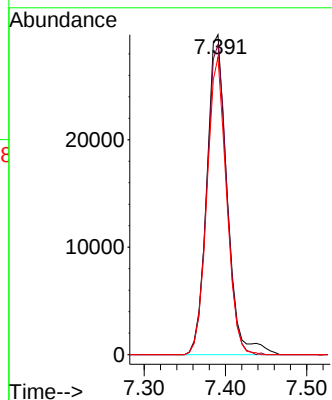
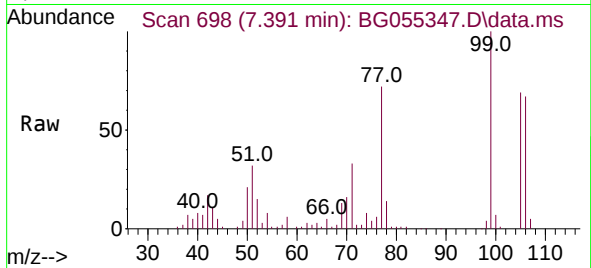
#9
Benzaldehyde
Concen: 27.885 ng
RT: 7.391 min Scan# 69
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD

Tgt Ion: 77 Resp: 51868
Ion Ratio Lower Upper
77 100
105 96.8 77.9 117.9
106 92.9 69.9 109.9

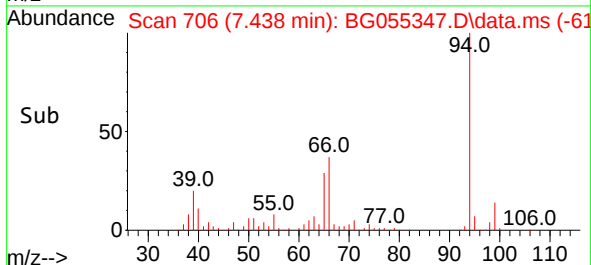
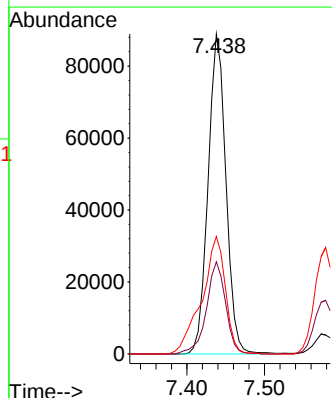
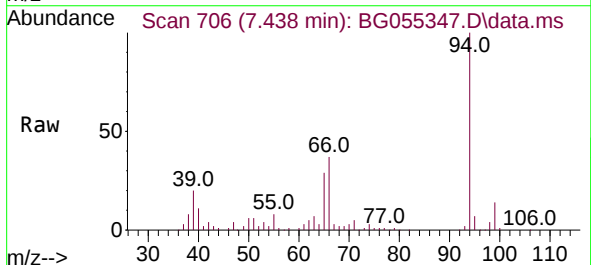
Manual Integrations
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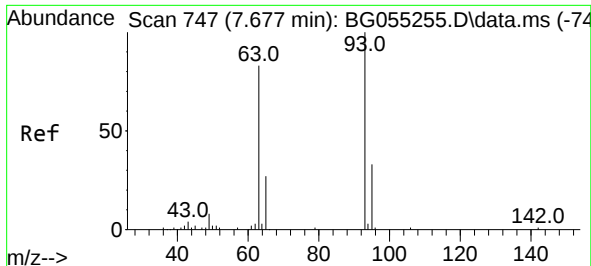
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#10
Phenol
Concen: 46.683 ng
RT: 7.438 min Scan# 706
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

Tgt Ion: 94 Resp: 142454
Ion Ratio Lower Upper
94 100
65 28.8 8.4 48.4
66 36.7 16.3 56.3





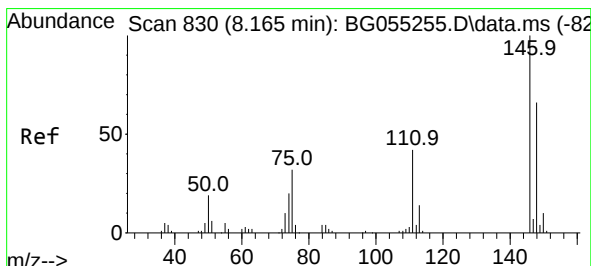
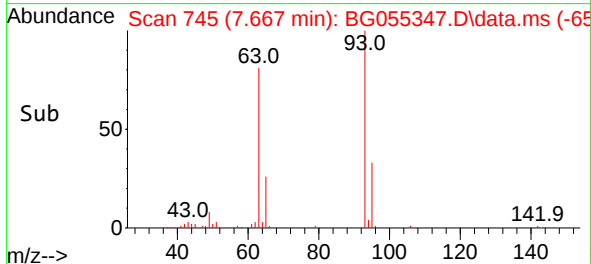
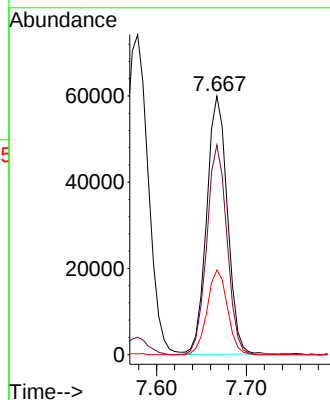
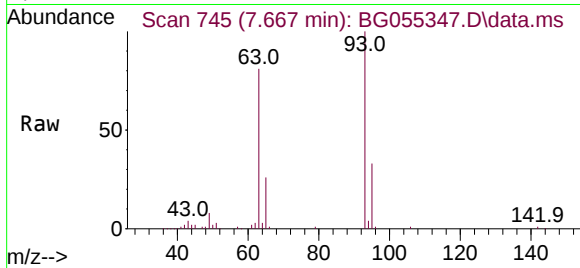
#11
bis(2-Chloroethyl)ether
Concen: 41.678 ng
RT: 7.667 min Scan# 74
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD

Tgt Ion: 93 Resp: 9600
Ion Ratio Lower Upper
93 100
63 81.1 62.0 102.0
95 32.7 12.4 52.4

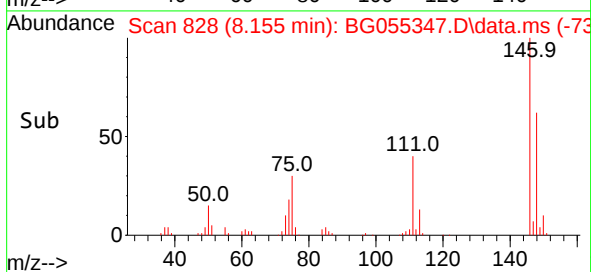
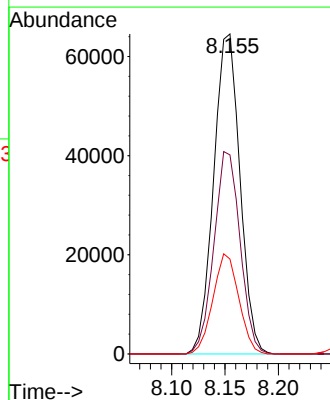
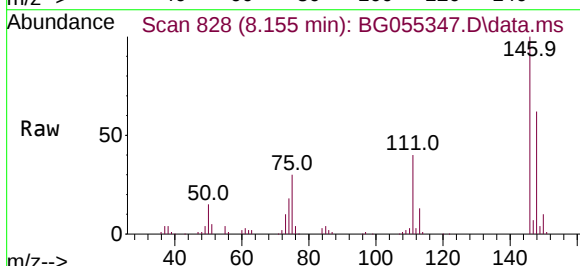
Manual Integrations
APPROVED

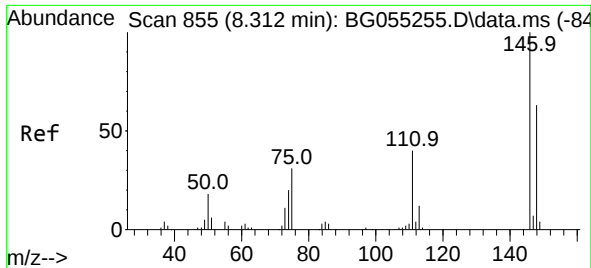
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#12
1,3-Dichlorobenzene
Concen: 46.416 ng
RT: 8.155 min Scan# 828
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

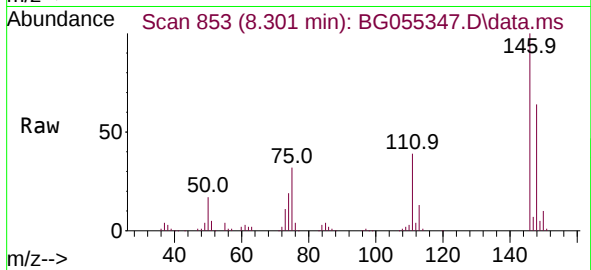
Tgt Ion:146 Resp: 110718
Ion Ratio Lower Upper
146 100
148 62.2 52.9 79.3
75 29.6 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 45.844 ng
RT: 8.301 min Scan# 811
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

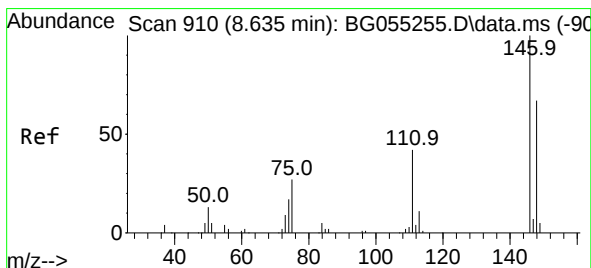
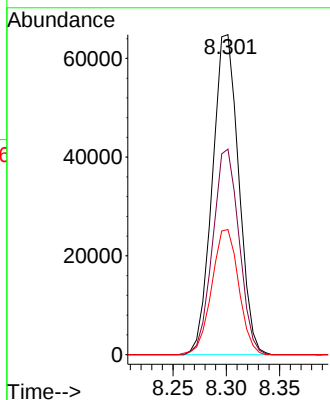
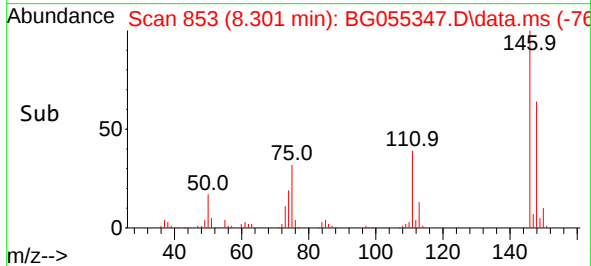
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



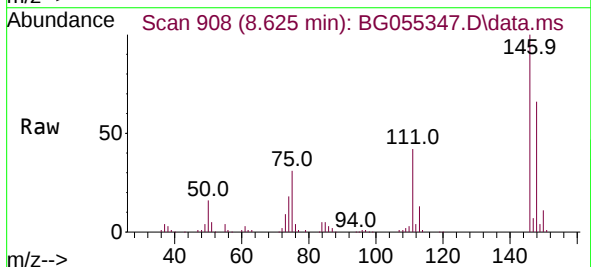
Tgt Ion:146 Resp: 111695
Ion Ratio Lower Upper
146 100
148 64.2 50.5 75.7
111 39.1 32.4 48.6

Manual Integrations
APPROVED

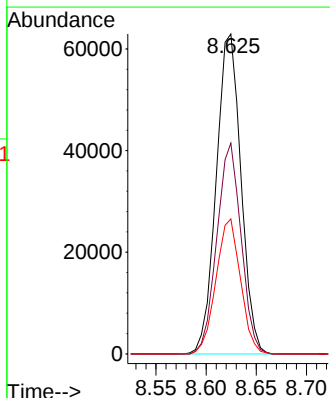
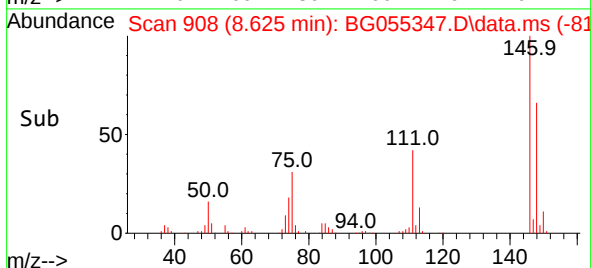
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

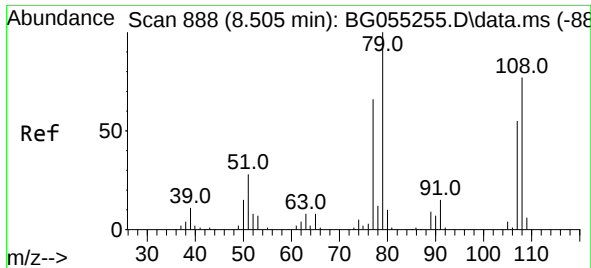


#14
1,2-Dichlorobenzene
Concen: 46.144 ng
RT: 8.625 min Scan# 908
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41



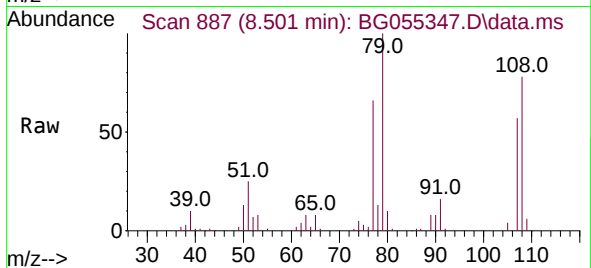
Tgt Ion:146 Resp: 108243
Ion Ratio Lower Upper
146 100
148 65.9 53.4 80.0
111 42.2 34.0 51.0





#15
Benzyl Alcohol
Concen: 43.342 ng m
RT: 8.501 min Scan# 888
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

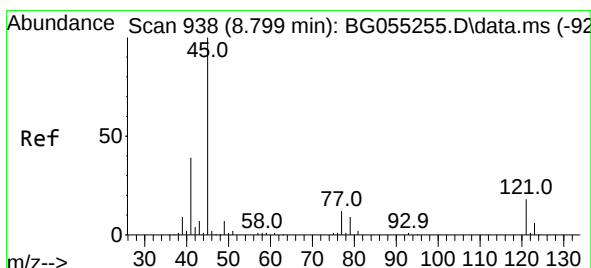
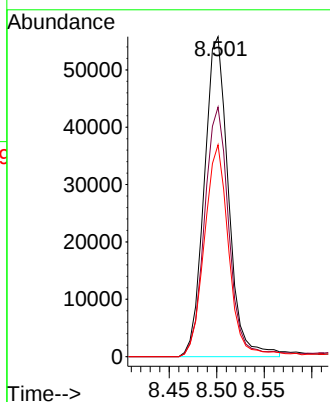
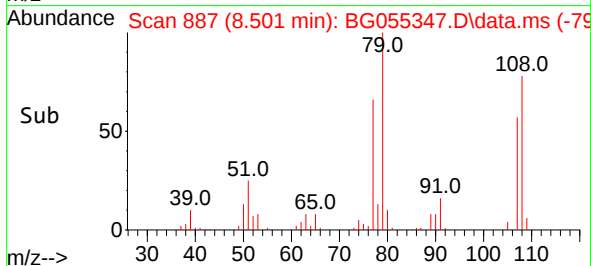
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



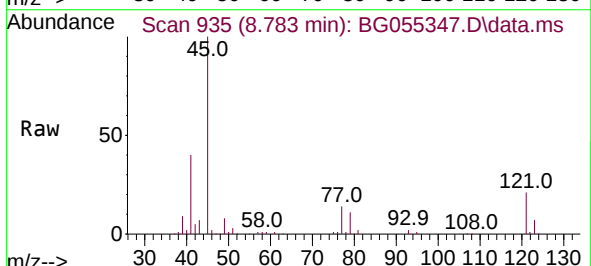
Tgt Ion: 79 Resp: 9881
Ion Ratio Lower Upper
79 100
108 78.0 61.3 91.9
77 66.2 52.7 79.1

Manual Integrations
APPROVED

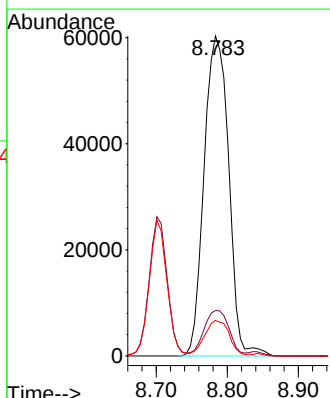
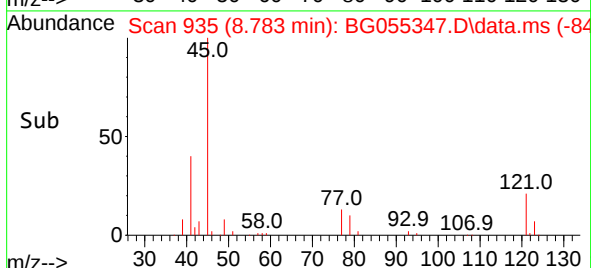
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

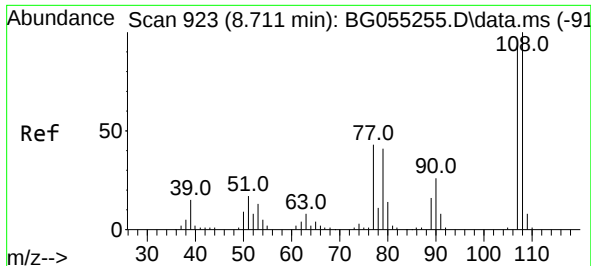


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.461 ng
RT: 8.783 min Scan# 935
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41



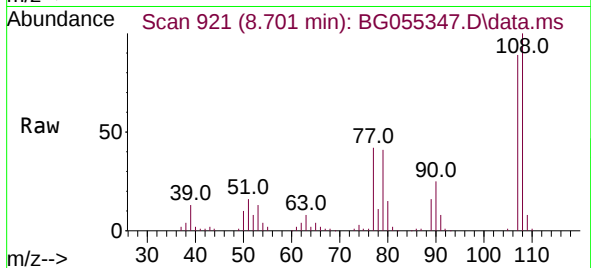
Tgt Ion: 45 Resp: 144989
Ion Ratio Lower Upper
45 100
77 14.2 0.0 32.9
79 11.1 0.0 29.6





#17
2-Methylphenol
Concen: 45.656 ng
RT: 8.701 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

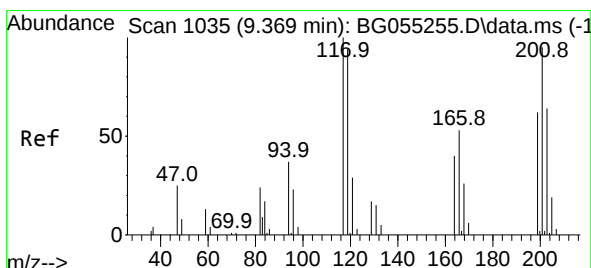
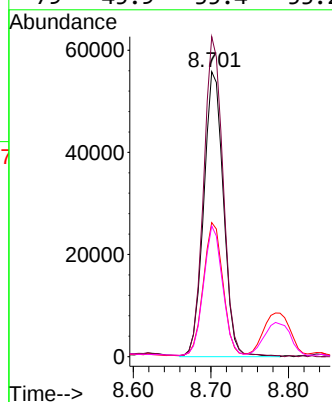
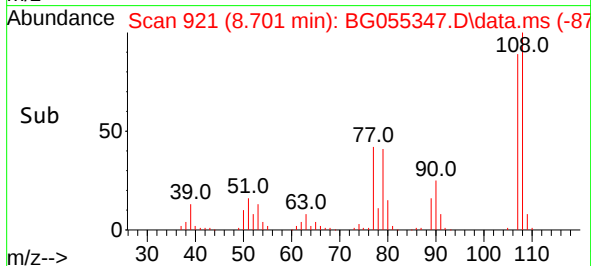
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



Tgt Ion:	107	Resp:	9853
Ion Ratio	Lower	Upper	
107	100		
108	112.3	86.0	129.0
77	47.0	37.4	56.0
79	45.9	35.4	53.2

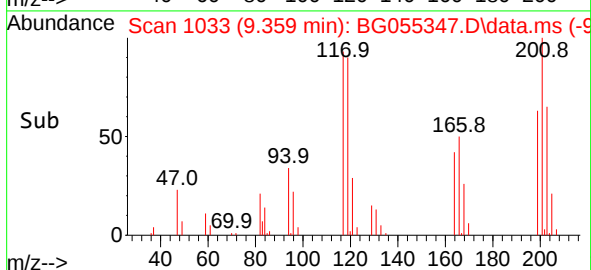
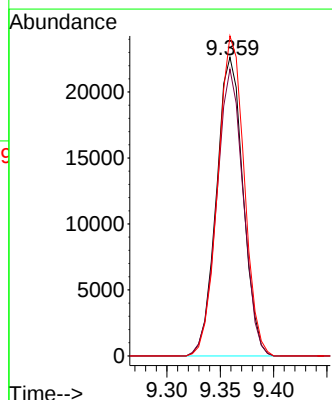
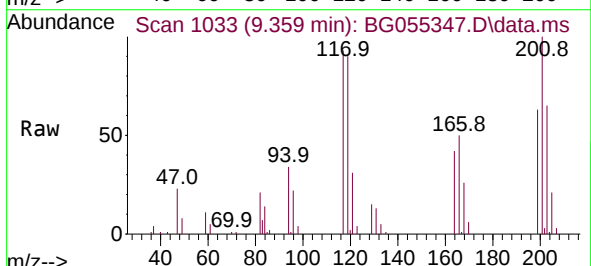
Manual Integrations
APPROVED

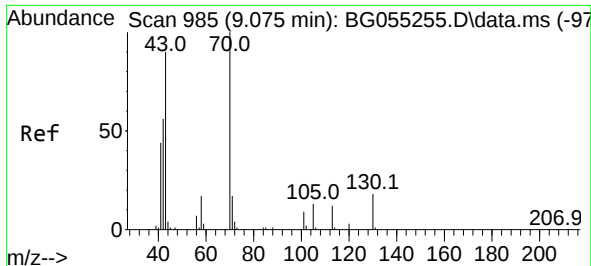
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#18
Hexachloroethane
Concen: 45.343 ng
RT: 9.359 min Scan# 1033
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

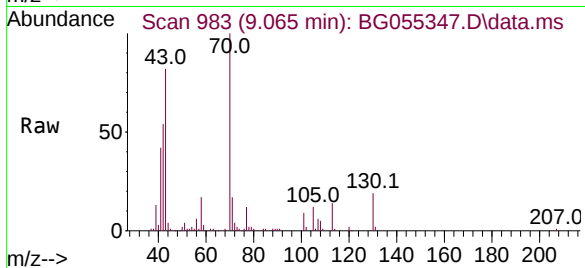
Tgt Ion:	117	Resp:	39338
Ion Ratio	Lower	Upper	
117	100		
119	96.0	75.4	113.2
201	107.1	75.8	113.8





#19
n-Nitroso-di-n-propylamine
Concen: 39.102 ng
RT: 9.065 min Scan# 985
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

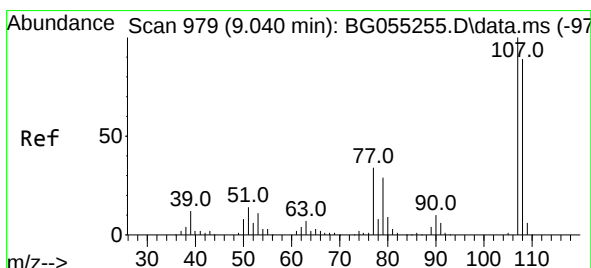
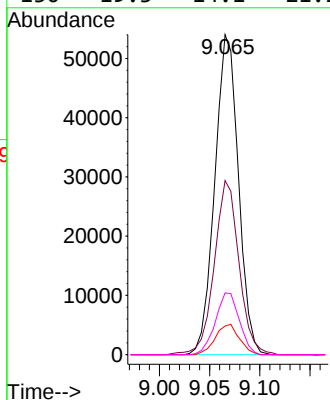
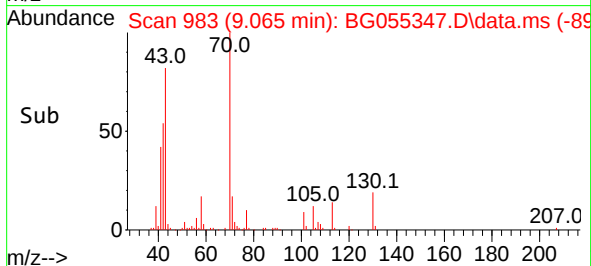
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



Tgt Ion: 70 Resp: 88460
Ion Ratio Lower Upper
70 100
42 54.4 45.8 68.6
101 8.9 7.4 11.0
130 19.3 14.1 21.1

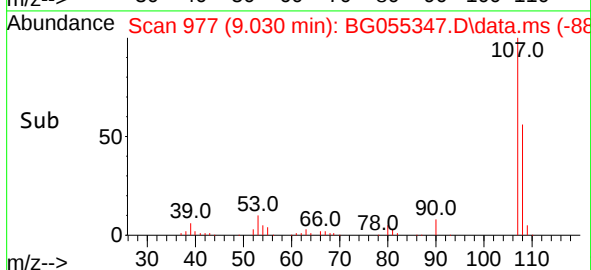
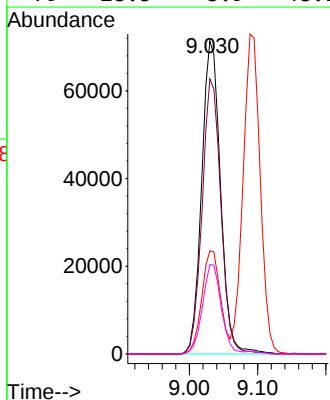
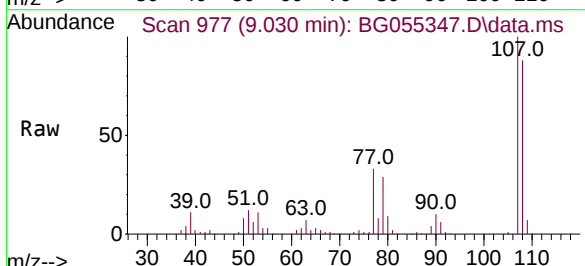
Manual Integrations
APPROVED

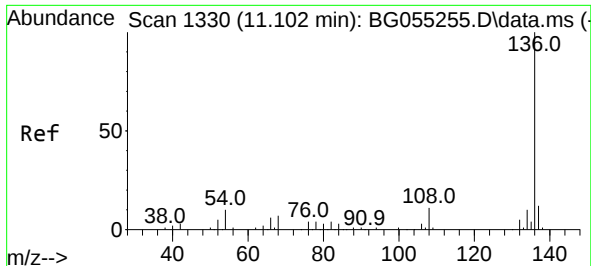
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#20
3+4-Methylphenols
Concen: 44.270 ng
RT: 9.030 min Scan# 977
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

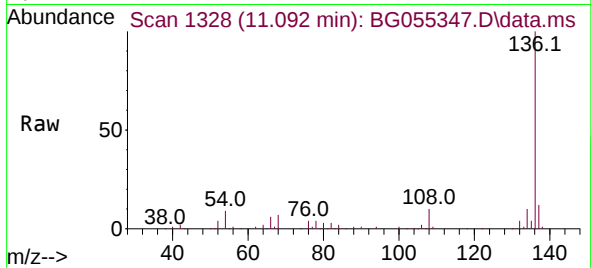
Tgt Ion:107 Resp: 136837
Ion Ratio Lower Upper
107 100
108 87.9 68.5 108.5
77 33.0 14.0 54.0
79 28.5 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.092 min Scan# 1330
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

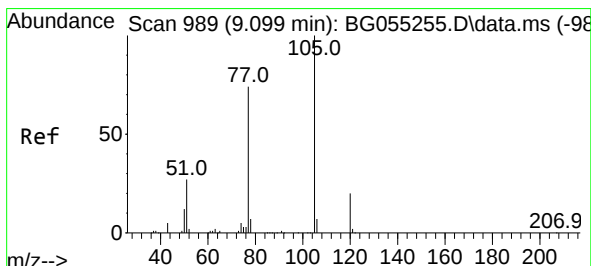
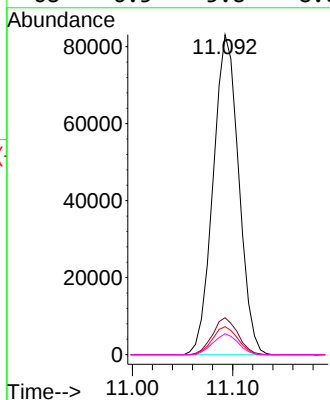
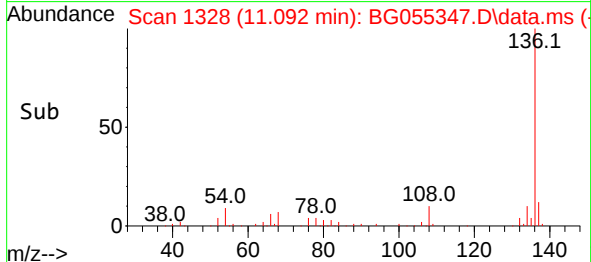
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



Tgt Ion:136 Resp: 147258
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 8.7 7.8 11.8
68 6.5 5.8 8.6

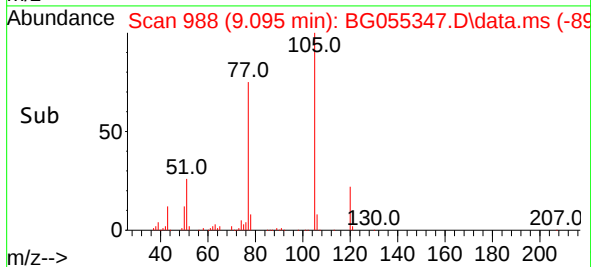
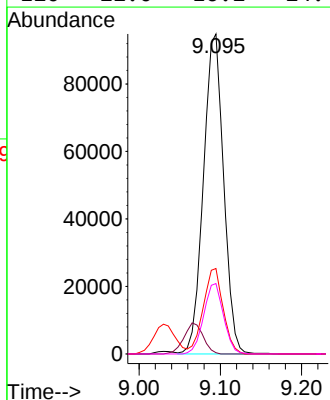
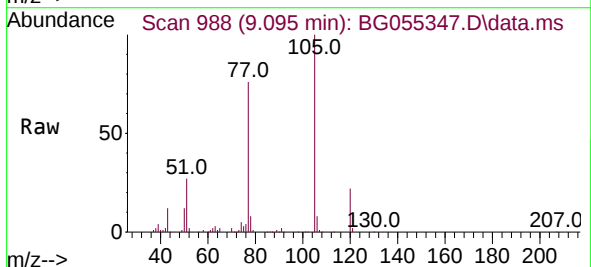
Manual Integrations
APPROVED

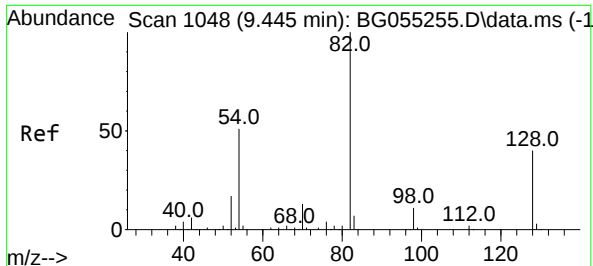
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#22
Acetophenone
Concen: 43.616 ng
RT: 9.095 min Scan# 988
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

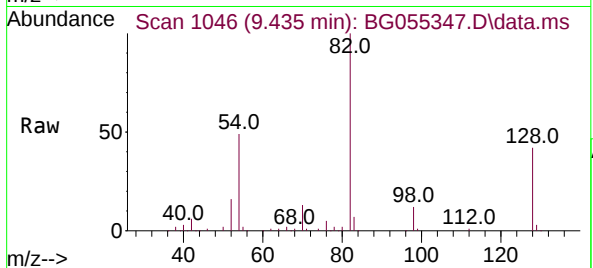
Tgt Ion:105 Resp: 164205
Ion Ratio Lower Upper
105 100
71 0.4 0.8 1.2#
51 26.7 22.9 34.3
120 22.0 16.2 24.4





#23
Nitrobenzene-d5
Concen: 73.967 ng
RT: 9.435 min Scan# 1046
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

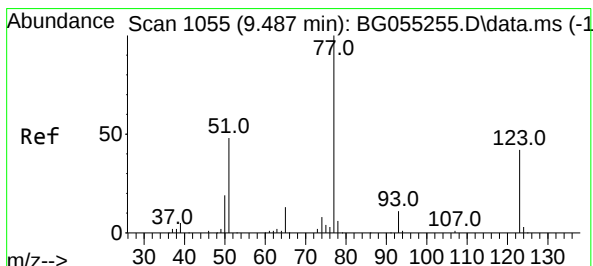
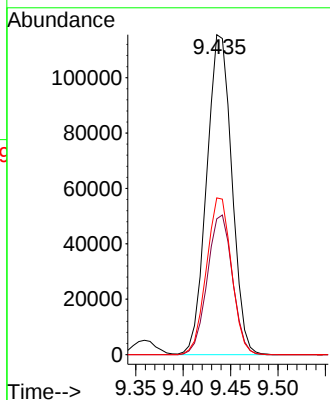
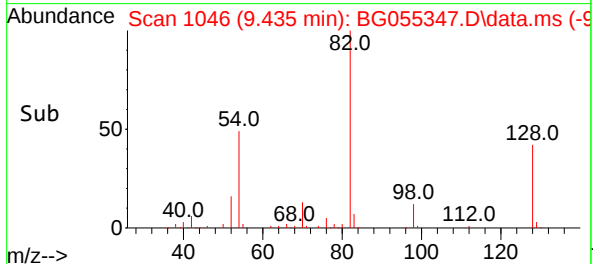
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



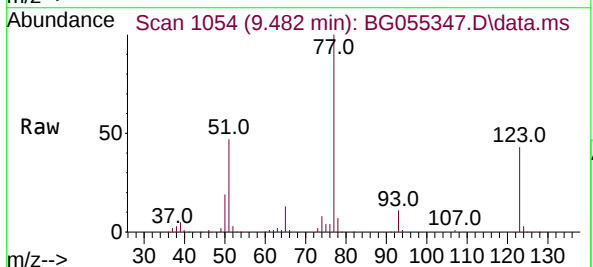
Tgt Ion: 82 Resp: 213308
Ion Ratio Lower Upper
82 100
128 42.4 32.0 48.0
54 49.0 40.9 61.3

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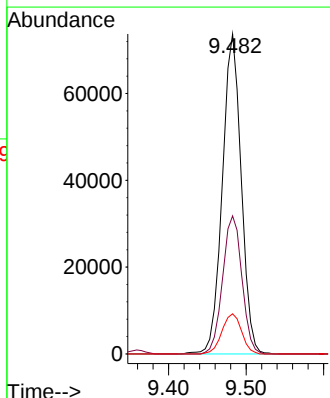
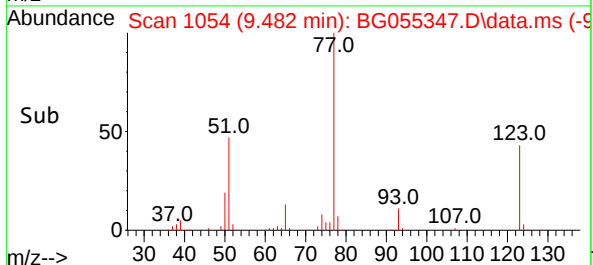
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

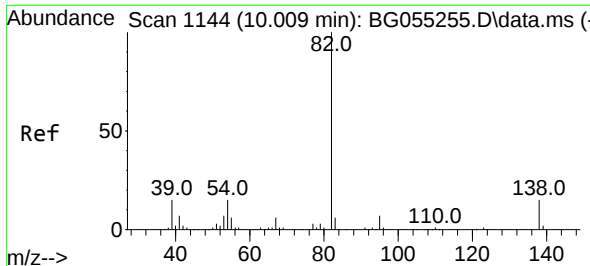


#24
Nitrobenzene
Concen: 41.481 ng
RT: 9.482 min Scan# 1054
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41



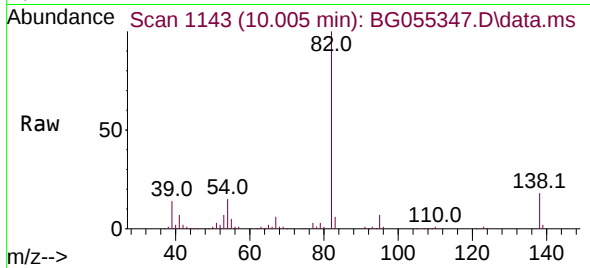
Tgt Ion: 77 Resp: 124557
Ion Ratio Lower Upper
77 100
123 43.1 33.6 50.4
65 12.5 10.2 15.4





#25
Isophorone
Concen: 41.787 ng
RT: 10.005 min Scan# 1143
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

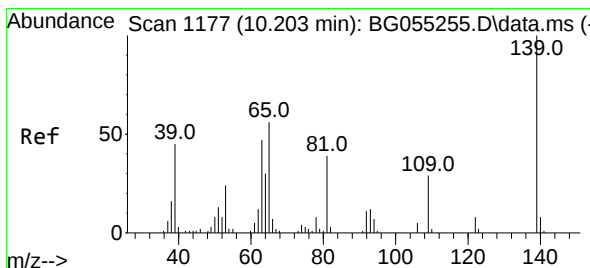
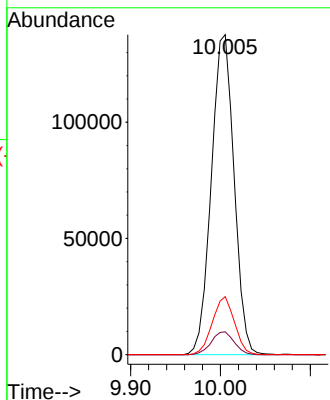
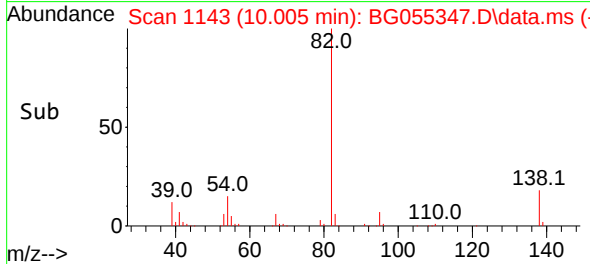
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



Tgt Ion: 82 Resp: 243405
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 18.1 12.2 18.4

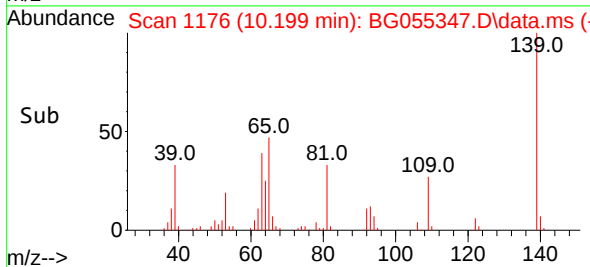
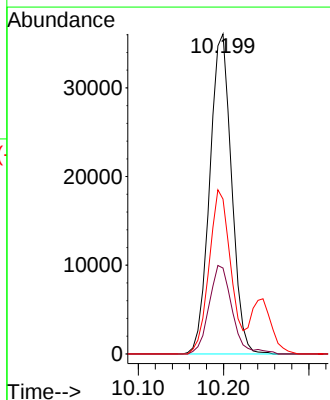
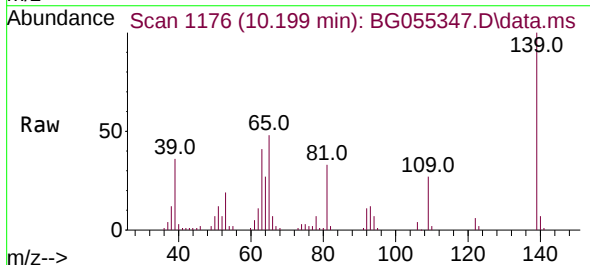
Manual Integrations
APPROVED

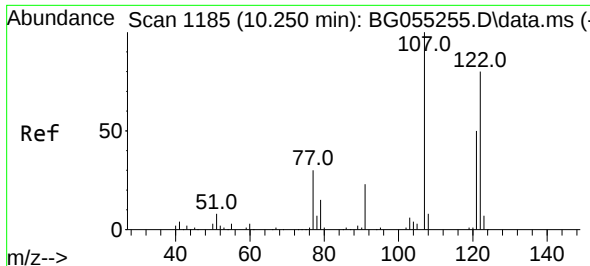
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#26
2-Nitrophenol
Concen: 48.649 ng
RT: 10.199 min Scan# 1176
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

Tgt Ion:139 Resp: 63972
Ion Ratio Lower Upper
139 100
109 26.8 23.3 34.9
65 48.4 45.2 67.8





#27

2,4-Dimethylphenol

Concen: 51.324 ng m

RT: 10.246 min Scan# 1185

Delta R.T. 0.001 min

Lab File: BG055347.D

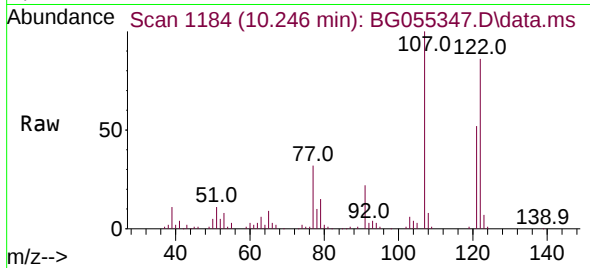
Acq: 28 Oct 2022 18:41

Instrument :

BNA_G

ClientSampleId :

SB-F2-COMPMSD

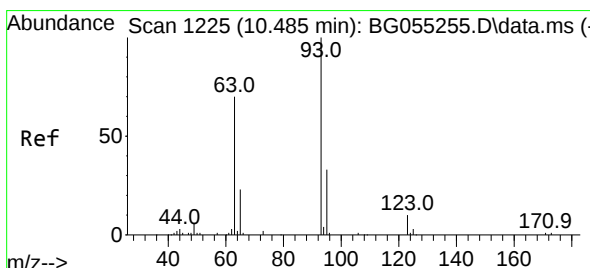
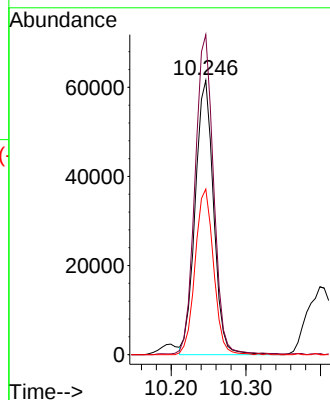
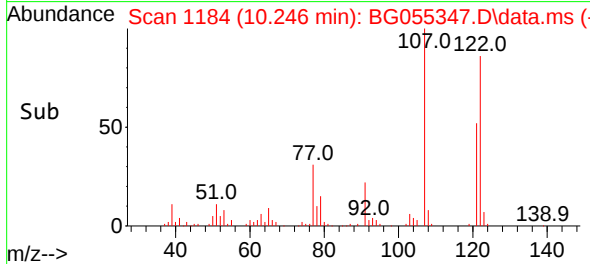


Tgt Ion:	122	Resp:	10536
Ion Ratio	Lower	Upper	
122	100		
107	116.7	97.3	145.9
121	60.4	48.5	72.7

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 48.186 ng

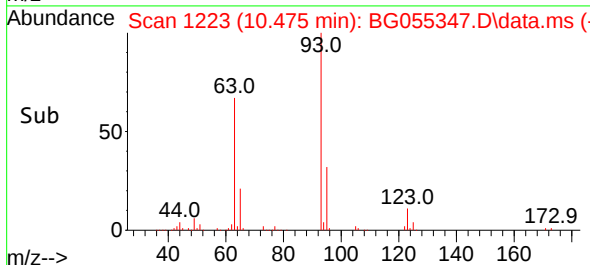
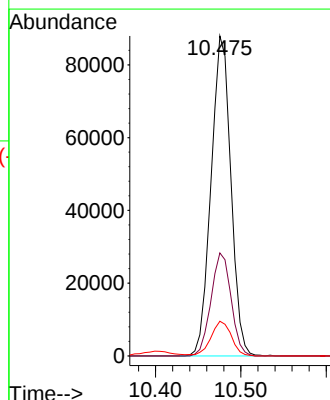
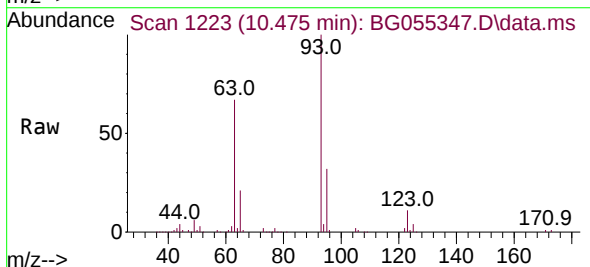
RT: 10.475 min Scan# 1223

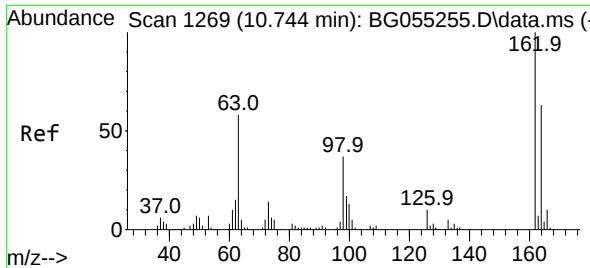
Delta R.T. -0.004 min

Lab File: BG055347.D

Acq: 28 Oct 2022 18:41

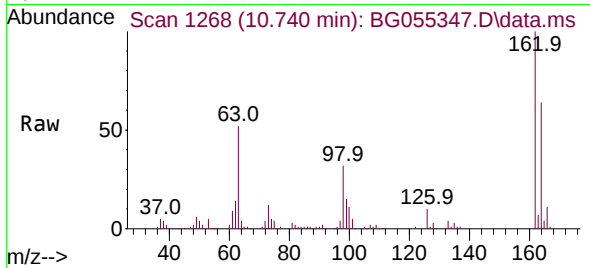
Tgt Ion:	93	Resp:	141714
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.3	39.5
123	10.9	7.9	11.9





#29
2,4-Dichlorophenol
Concen: 50.864 ng
RT: 10.740 min Scan# 1269
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

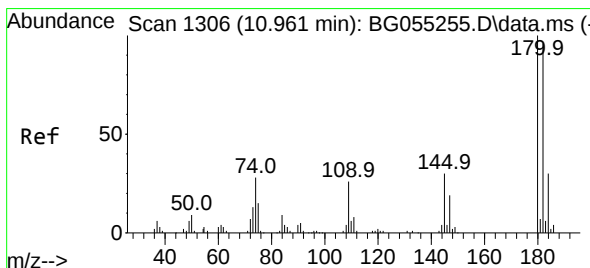
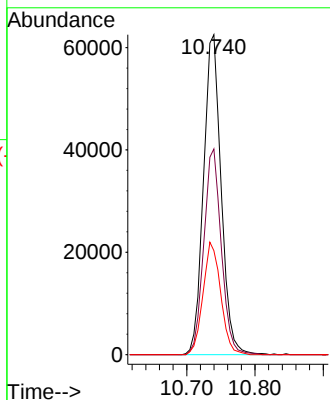
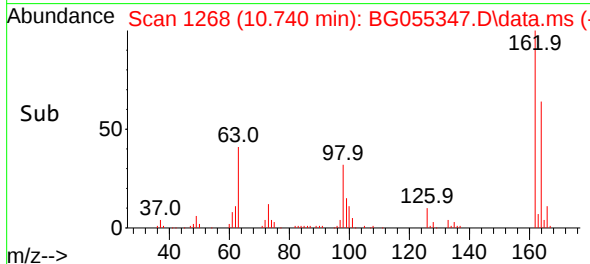
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



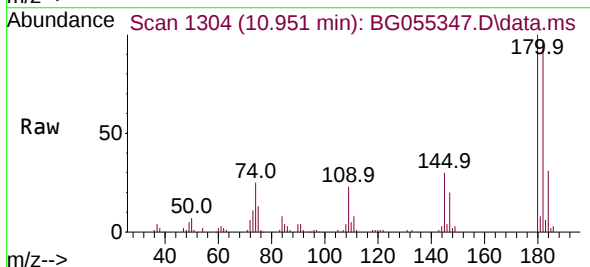
Tgt Ion:162 Resp: 112016
Ion Ratio Lower Upper
162 100
164 64.3 42.9 82.9
98 32.5 17.3 57.3

Manual Integrations
APPROVED

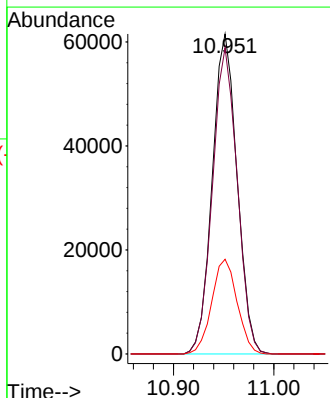
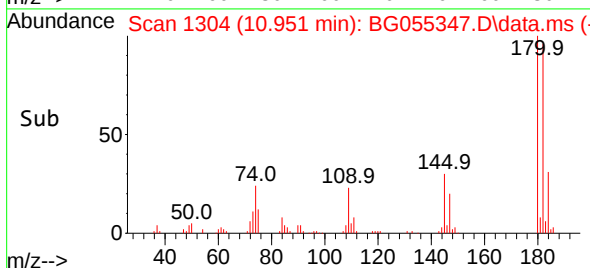
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

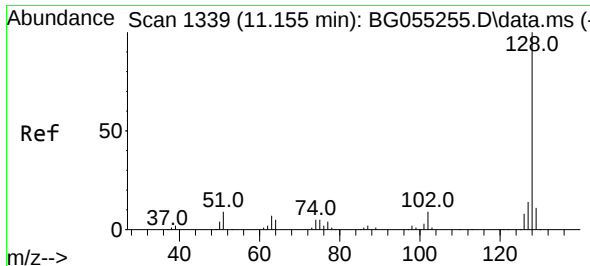


#30
1,2,4-Trichlorobenzene
Concen: 47.054 ng
RT: 10.951 min Scan# 1304
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41



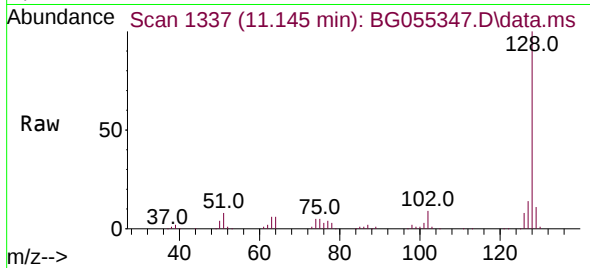
Tgt Ion:180 Resp: 105761
Ion Ratio Lower Upper
180 100
182 95.6 76.4 114.6
145 29.6 24.4 36.6





#31
Naphthalene
Concen: 42.889 ng
RT: 11.145 min Scan# 1339
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

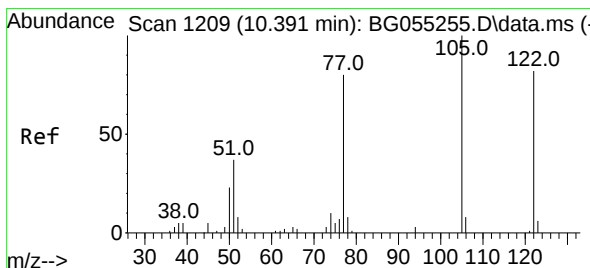
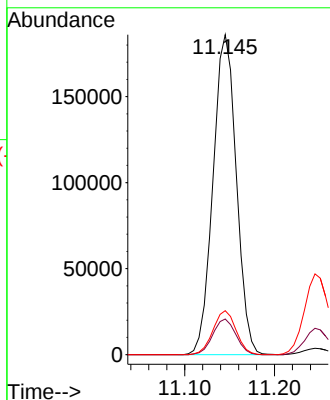
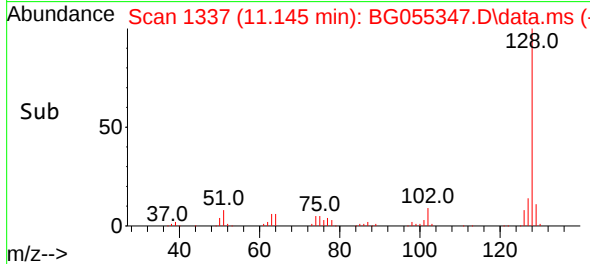
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



Tgt Ion:128 Resp: 33692
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.7 11.1 16.7

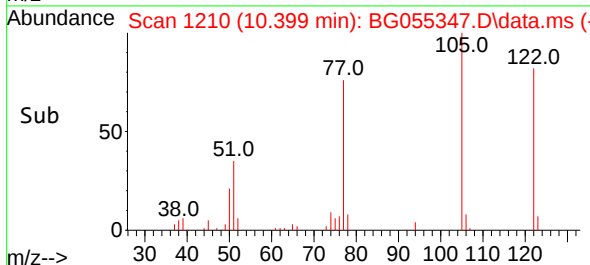
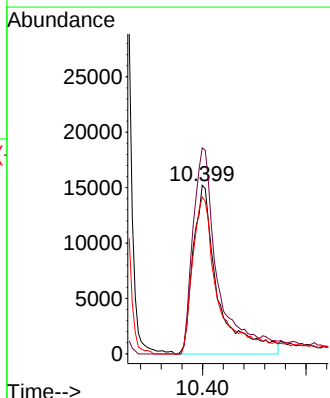
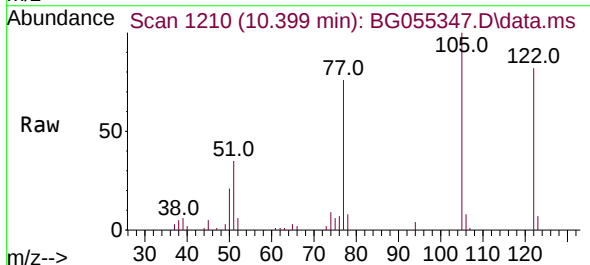
Manual Integrations
APPROVED

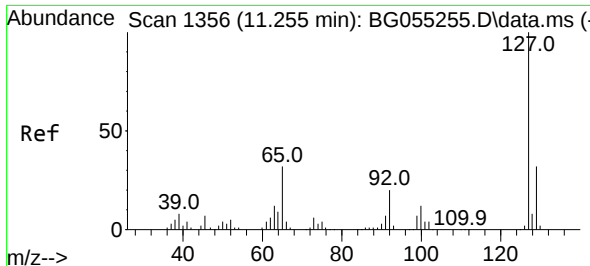
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#32
Benzoic acid
Concen: 34.008 ng
RT: 10.399 min Scan# 1210
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

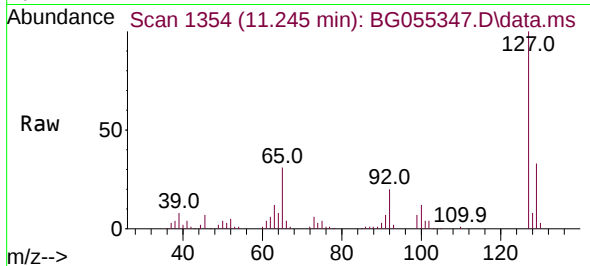
Tgt Ion:122 Resp: 50692
Ion Ratio Lower Upper
122 100
105 122.2 101.3 141.3
77 93.0 76.9 116.9





#33
4-Chloroaniline
Concen: 27.029 ng
RT: 11.245 min Scan# 1354
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

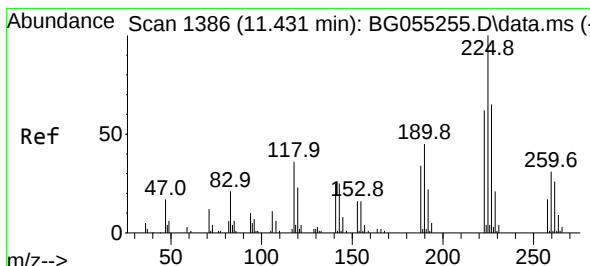
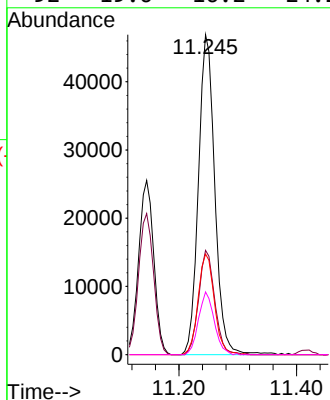
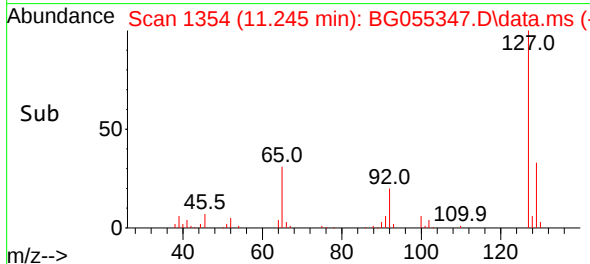
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



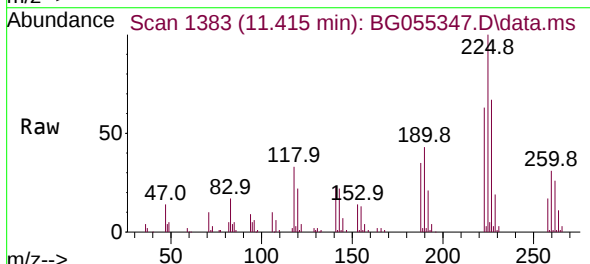
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.4	38.0
65	31.4	25.5	38.3
92	19.6	16.2	24.2

Manual Integrations
APPROVED

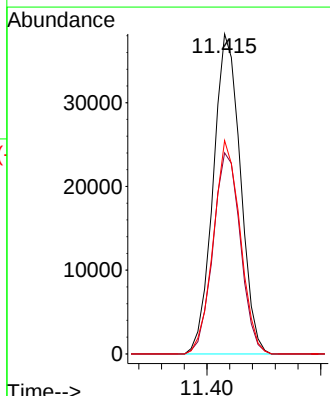
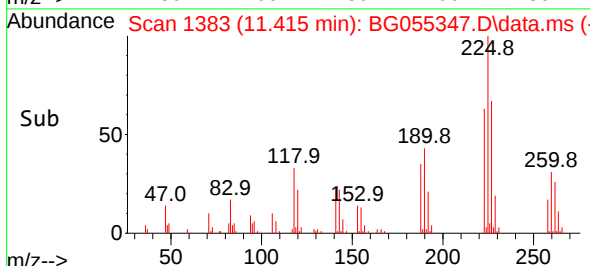
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

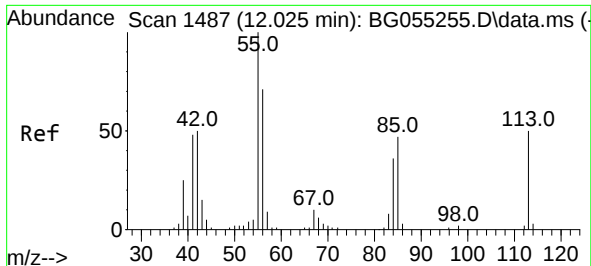


#34
Hexachlorobutadiene
Concen: 49.368 ng
RT: 11.415 min Scan# 1383
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41



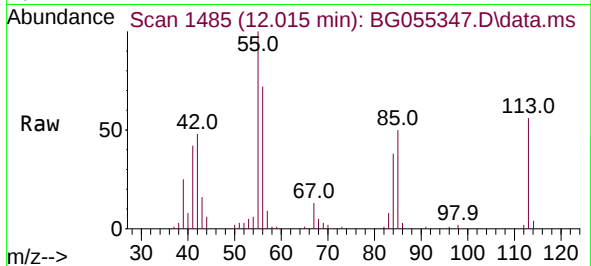
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.4	74.2
227	66.7	52.4	78.6





#35
Caprolactam
Concen: 39.680 ng m
RT: 12.015 min Scan# 1487
Delta R.T. -0.010 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

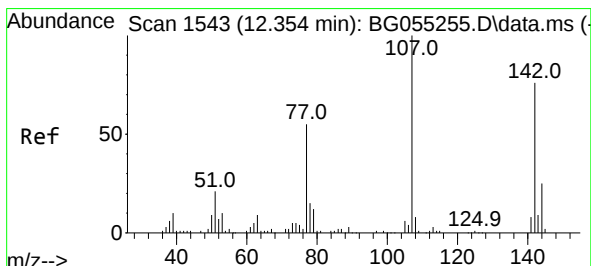
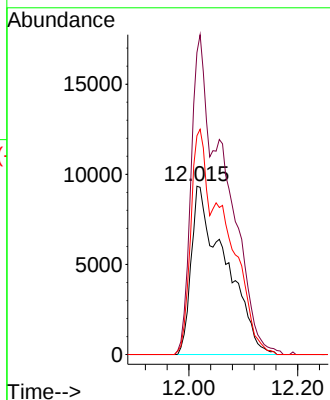
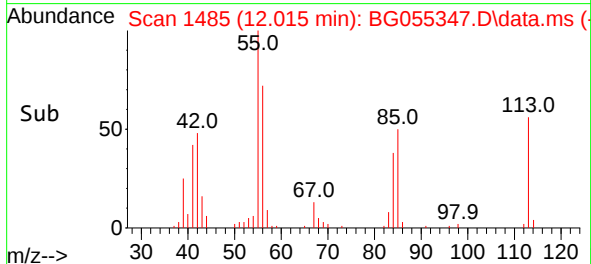
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



Tgt Ion:113 Resp: 40552
Ion Ratio Lower Upper
113 100
55 179.4 178.2 218.2
56 130.0 121.0 161.0

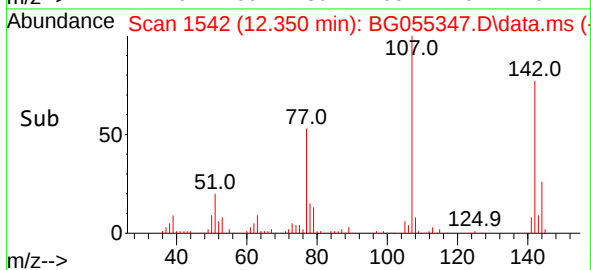
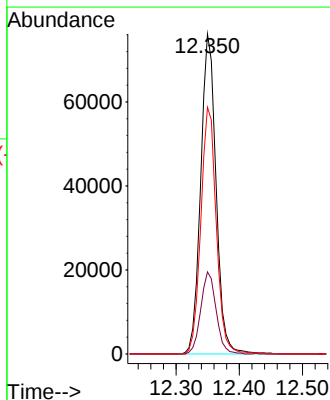
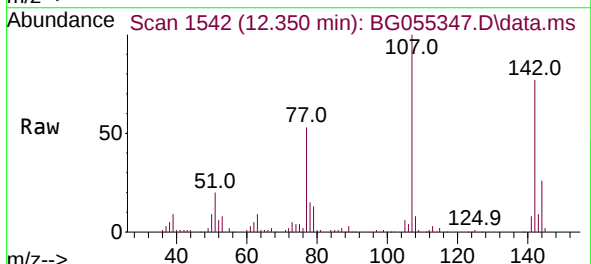
Manual Integrations
APPROVED

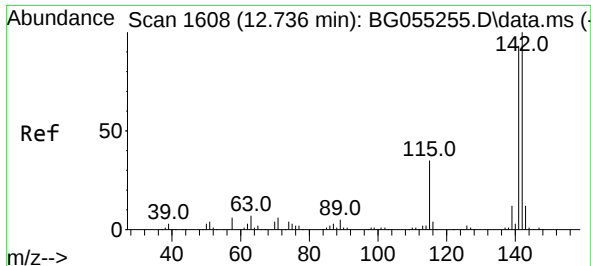
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#36
4-Chloro-3-methylphenol
Concen: 46.387 ng
RT: 12.350 min Scan# 1542
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

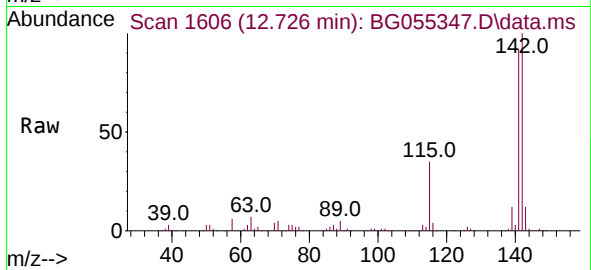
Tgt Ion:107 Resp: 128542
Ion Ratio Lower Upper
107 100
144 25.6 20.3 30.5
142 77.1 60.5 90.7





#37
2-Methylnaphthalene
Concen: 43.093 ng
RT: 12.726 min Scan# 1606
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

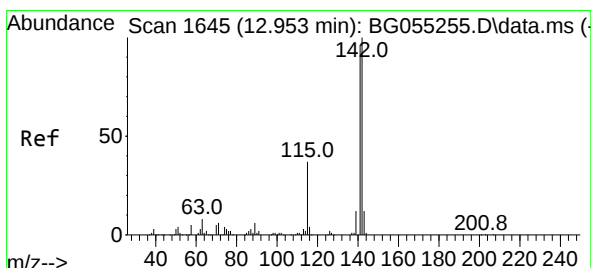
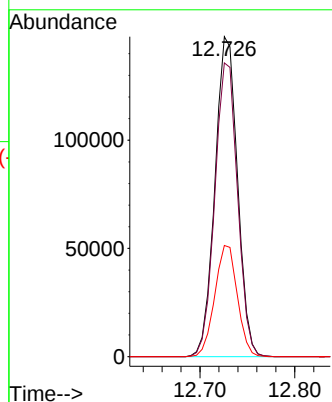
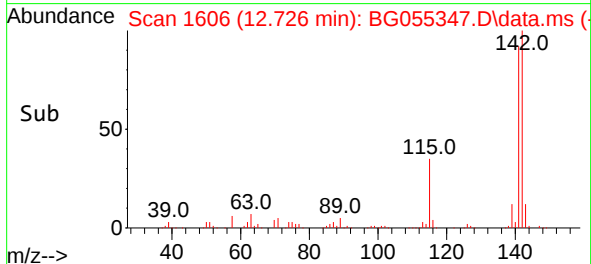
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



Tgt Ion:142 Resp: 244072
Ion Ratio Lower Upper
142 100
141 91.8 74.0 111.0
115 34.7 28.3 42.5

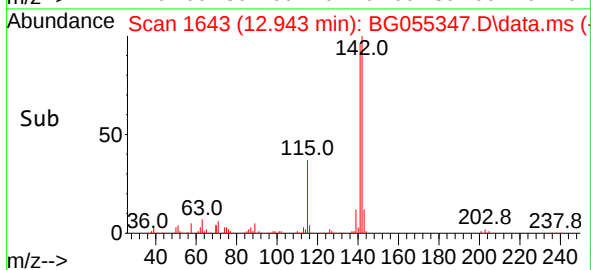
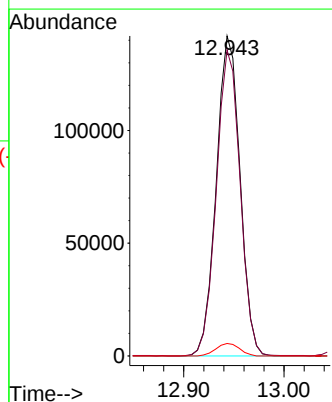
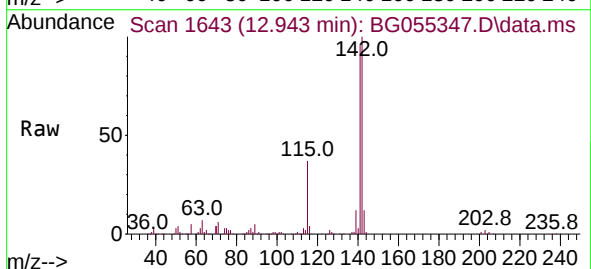
Manual Integrations
APPROVED

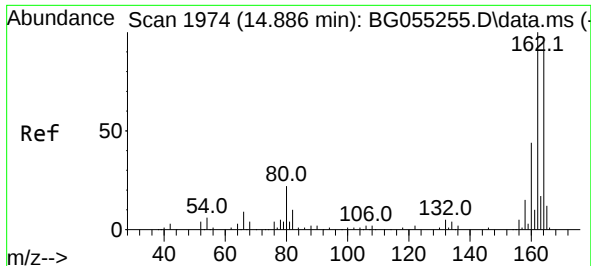
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#38
1-Methylnaphthalene
Concen: 41.722 ng
RT: 12.943 min Scan# 1643
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

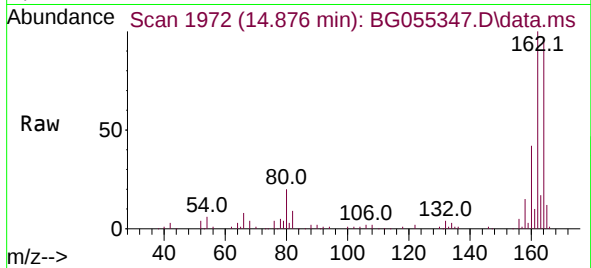
Tgt Ion:142 Resp: 233133
Ion Ratio Lower Upper
142 100
141 95.5 77.1 115.7
116 3.9 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.876 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

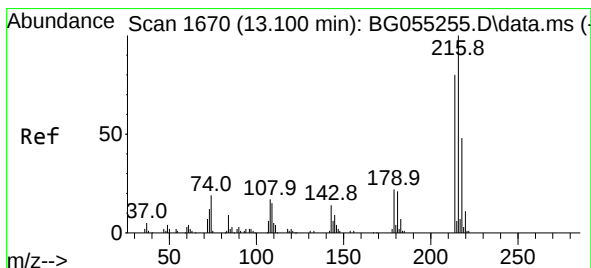
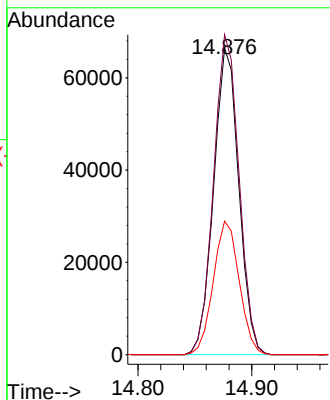
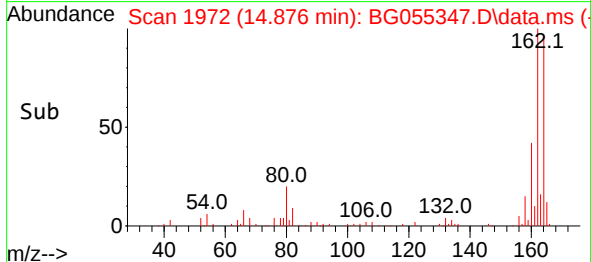
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



Tgt Ion:164 Resp: 102154
Ion Ratio Lower Upper
164 100
162 104.4 84.0 126.0
160 43.5 36.7 55.1

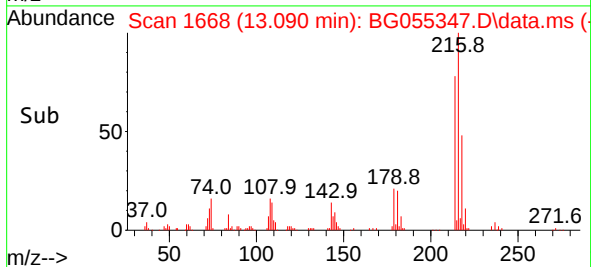
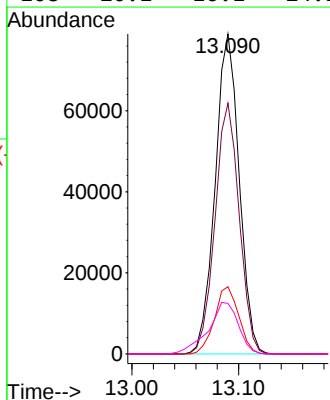
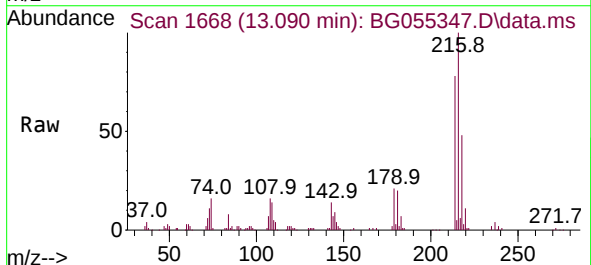
Manual Integrations
APPROVED

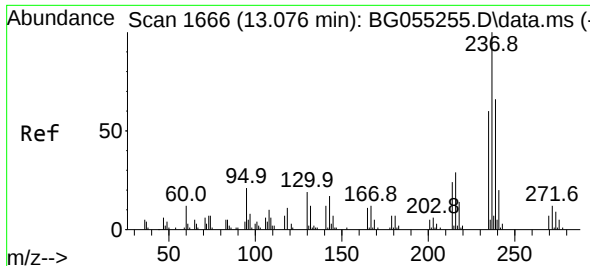
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.197 ng
RT: 13.090 min Scan# 1668
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

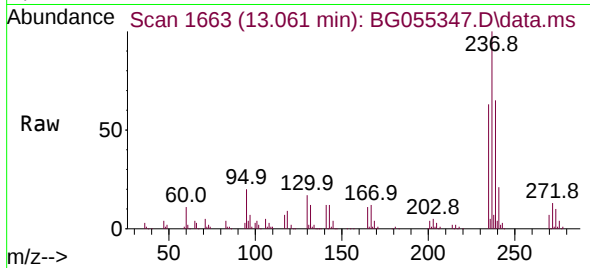
Tgt Ion:216 Resp: 123677
Ion Ratio Lower Upper
216 100
214 78.6 63.4 95.2
179 21.1 17.2 25.8
108 20.1 16.1 24.1





#41
Hexachlorocyclopentadiene
Concen: 119.323 ng
RT: 13.061 min Scan# 1663
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

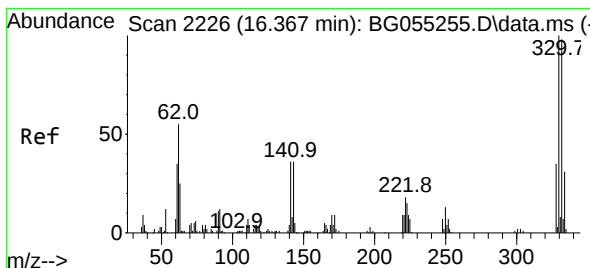
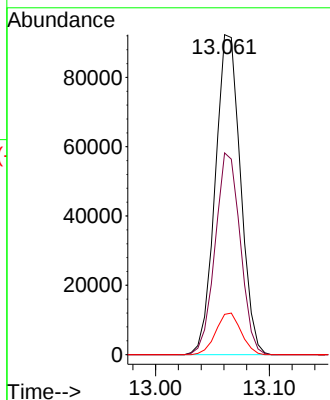
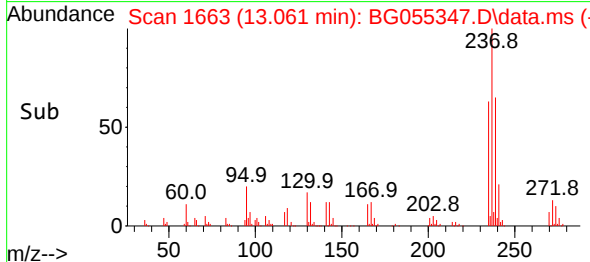
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



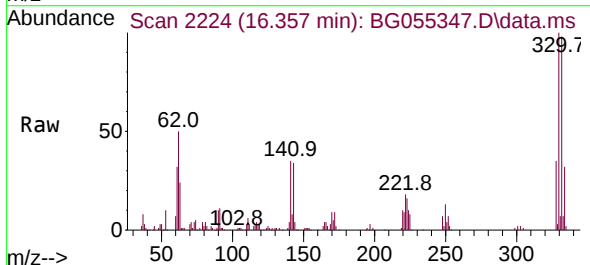
Tgt Ion:237 Resp: 142479
Ion Ratio Lower Upper
237 100
235 63.0 40.4 80.4
272 12.6 0.0 31.7

Manual Integrations
APPROVED

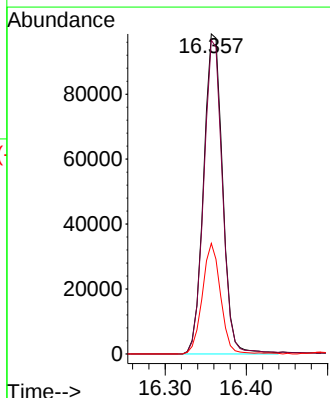
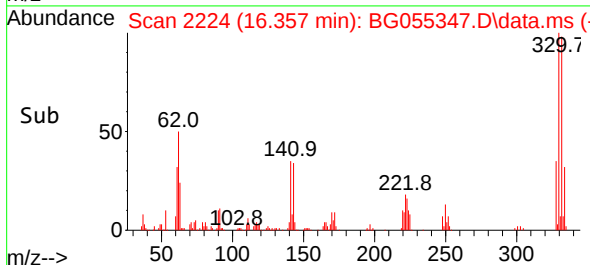
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

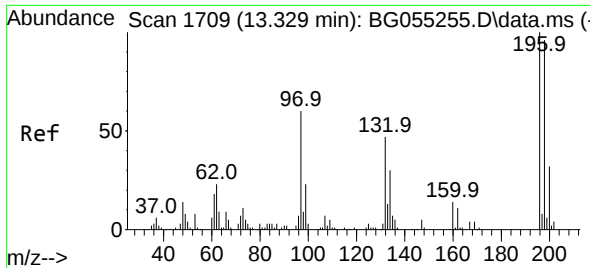


#42
2,4,6-Tribromophenol
Concen: 144.279 ng
RT: 16.357 min Scan# 2224
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41



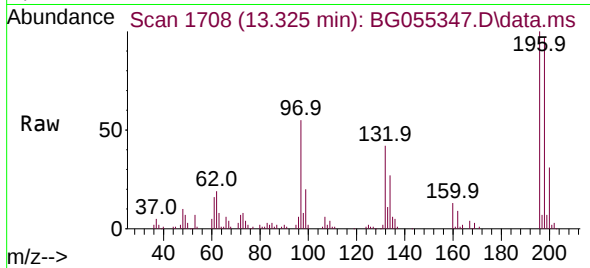
Tgt Ion:330 Resp: 160222
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 33.2 29.8 44.8





#43
2,4,6-Trichlorophenol
Concen: 49.369 ng
RT: 13.325 min Scan# 1708
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

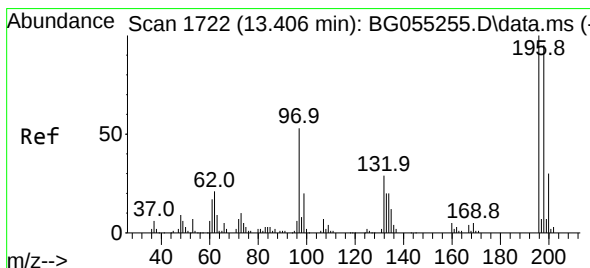
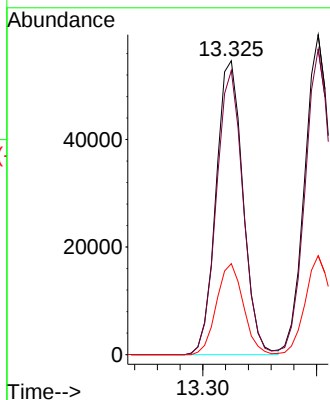
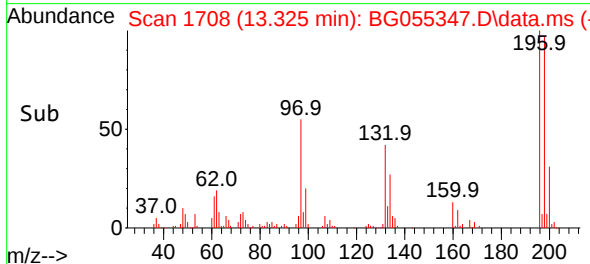
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



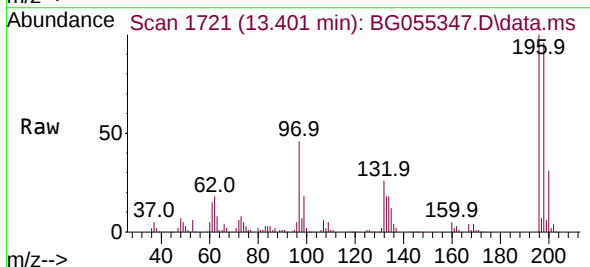
Tgt Ion:196 Resp: 89839
Ion Ratio Lower Upper
196 100
198 96.6 76.5 114.7
200 30.9 25.8 38.8

Manual Integrations
APPROVED

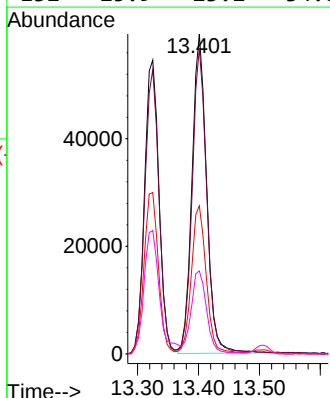
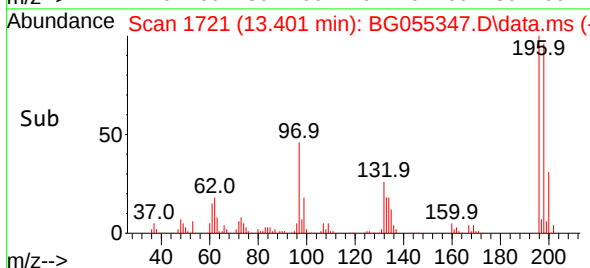
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

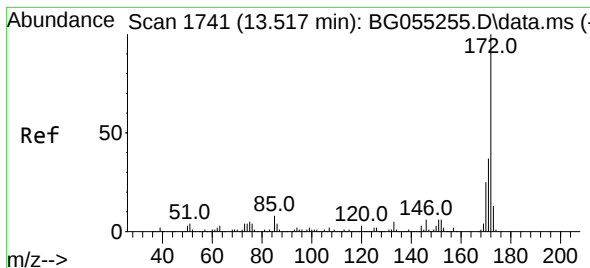


#44
2,4,5-Trichlorophenol
Concen: 49.298 ng
RT: 13.401 min Scan# 1721
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41



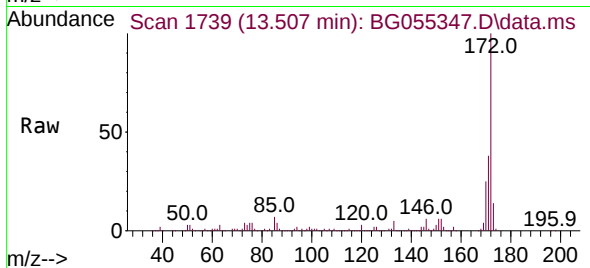
Tgt Ion:196 Resp: 99225
Ion Ratio Lower Upper
196 100
198 95.6 76.2 114.2
97 46.3 42.3 63.5
132 25.9 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 80.347 ng
RT: 13.507 min Scan# 1739
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

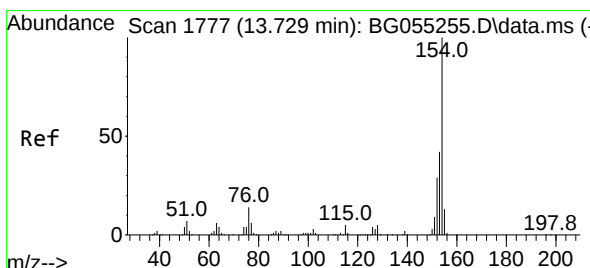
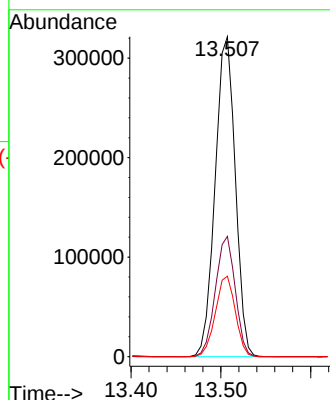
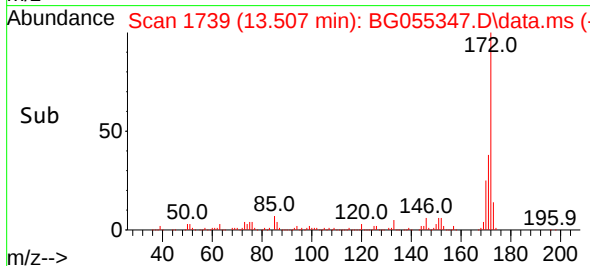
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



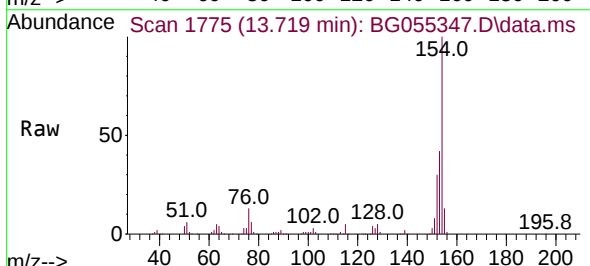
Tgt Ion:172 Resp: 501469
Ion Ratio Lower Upper
172 100
171 37.6 29.7 44.5
170 25.1 20.2 30.2

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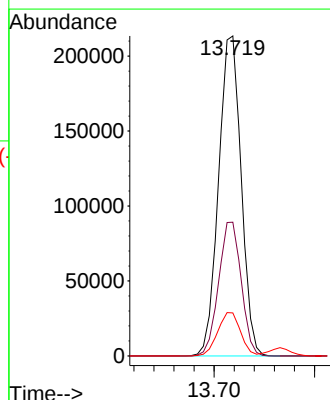
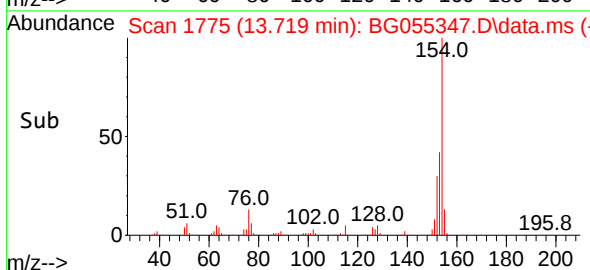
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

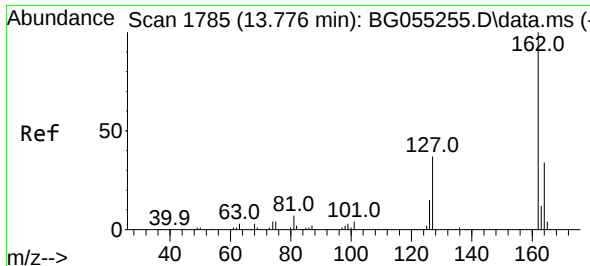


#46
1,1'-Biphenyl
Concen: 47.607 ng
RT: 13.719 min Scan# 1775
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41



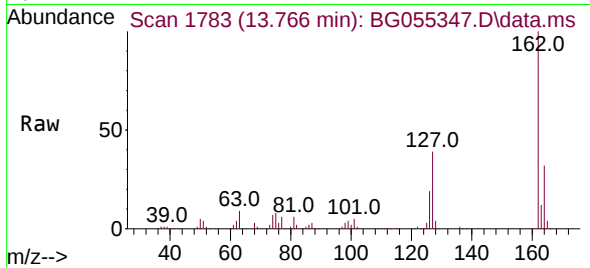
Tgt Ion:154 Resp: 333554
Ion Ratio Lower Upper
154 100
153 41.8 21.5 61.5
76 13.4 0.0 34.2





#47
2-Chloronaphthalene
Concen: 45.861 ng
RT: 13.766 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

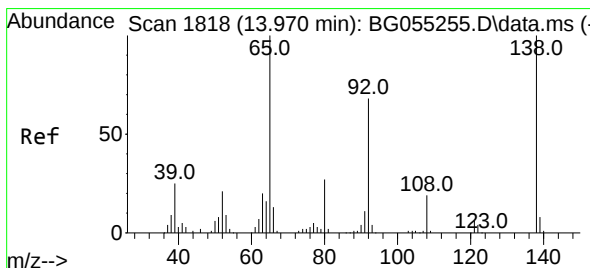
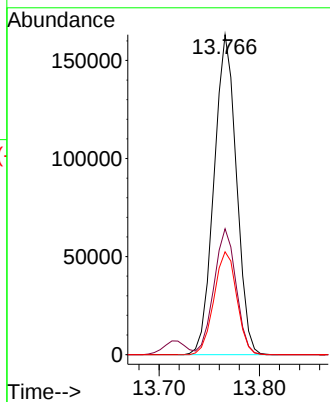
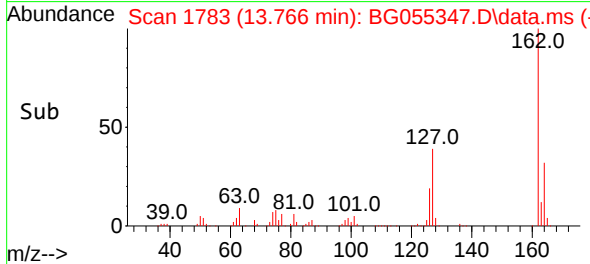
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



Tgt Ion:162 Resp: 253382
Ion Ratio Lower Upper
162 100
127 39.3 33.0 49.6
164 32.1 27.0 40.4

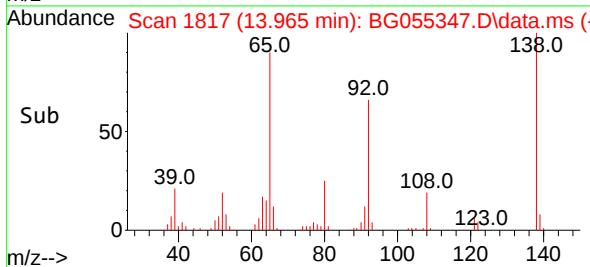
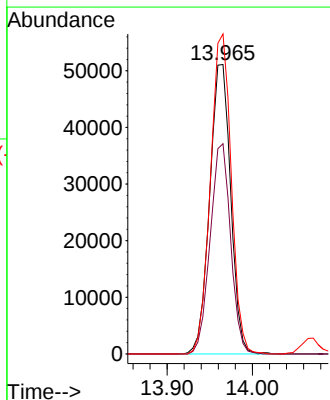
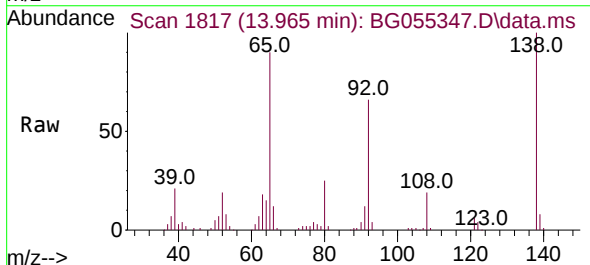
Manual Integrations
APPROVED

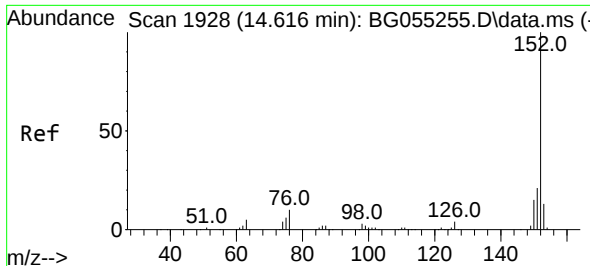
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#48
2-Nitroaniline
Concen: 40.409 ng
RT: 13.965 min Scan# 1817
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

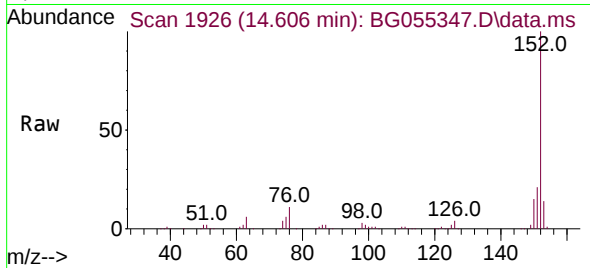
Tgt Ion: 65 Resp: 87312
Ion Ratio Lower Upper
65 100
92 72.6 54.6 82.0
138 110.6 80.2 120.4





#49
Acenaphthylene
Concen: 44.070 ng
RT: 14.606 min Scan# 1928
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

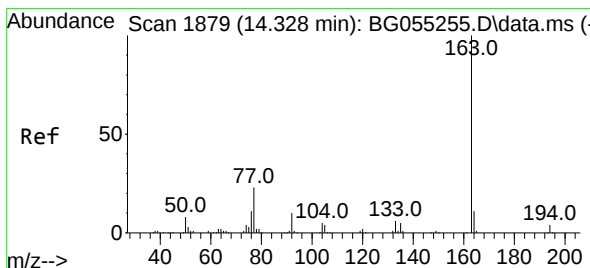
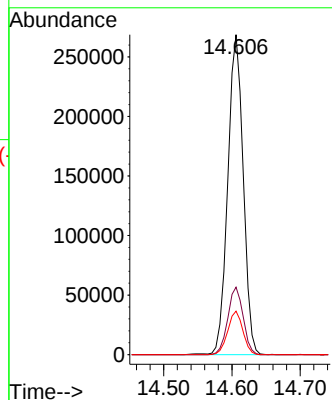
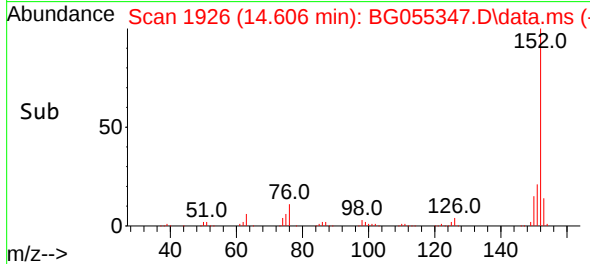
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



Tgt Ion:152 Resp: 420315
Ion Ratio Lower Upper
152 100
151 21.1 16.6 25.0
153 13.6 10.5 15.7

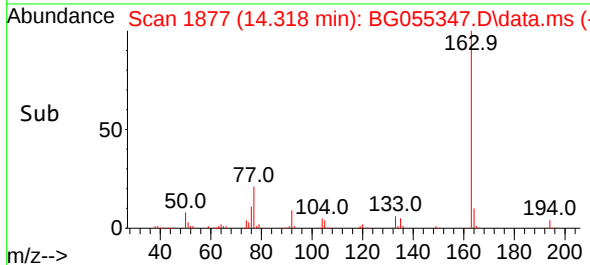
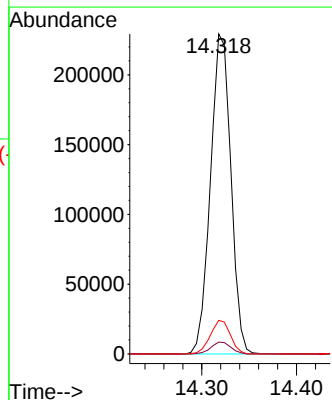
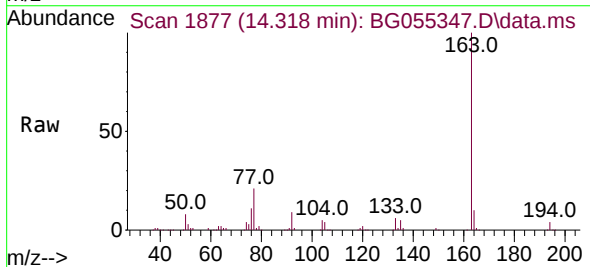
Manual Integrations
APPROVED

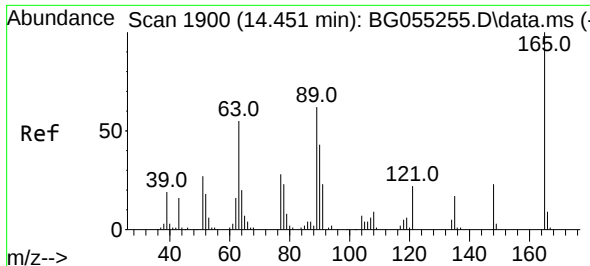
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#50
Dimethylphthalate
Concen: 42.843 ng
RT: 14.318 min Scan# 1877
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

Tgt Ion:163 Resp: 343623
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.5 8.4 12.6





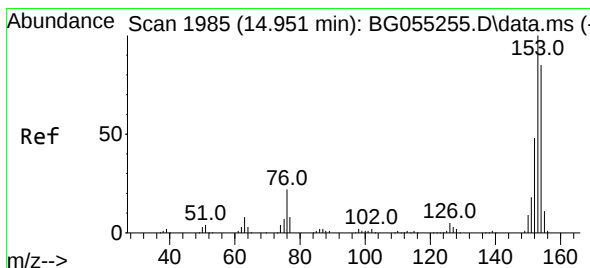
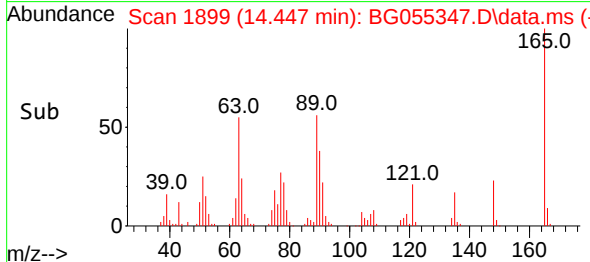
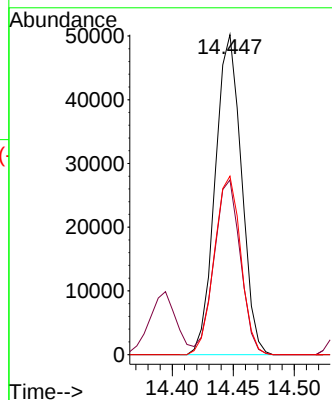
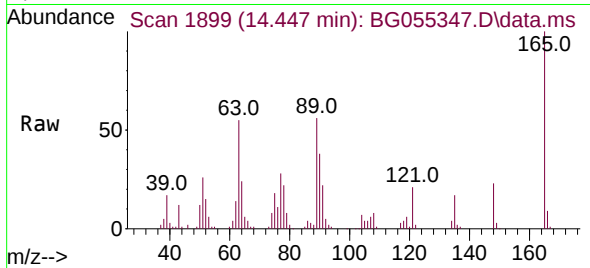
#51
2,6-Dinitrotoluene
Concen: 46.011 ng
RT: 14.447 min Scan# 1899
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD

Tgt Ion:165 Resp: 75094
Ion Ratio Lower Upper
165 100
63 54.6 49.2 73.8
89 55.8 49.9 74.9

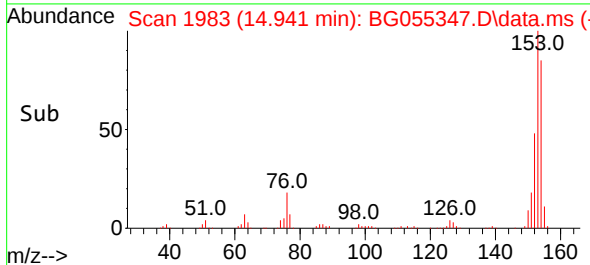
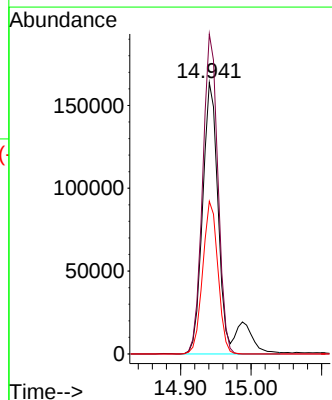
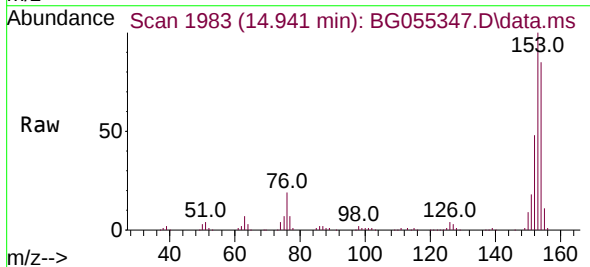
Manual Integrations
APPROVED

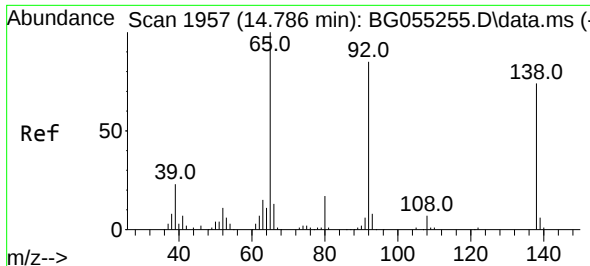
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#52
Acenaphthene
Concen: 45.752 ng m
RT: 14.941 min Scan# 1983
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

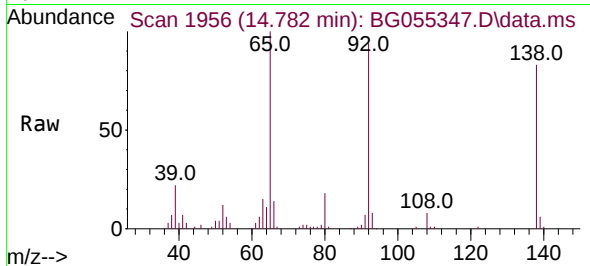
Tgt Ion:154 Resp: 278145
Ion Ratio Lower Upper
154 100
153 118.0 94.3 141.5
152 56.3 45.3 67.9





#53
3-Nitroaniline
Concen: 31.601 ng
RT: 14.782 min Scan# 1957
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

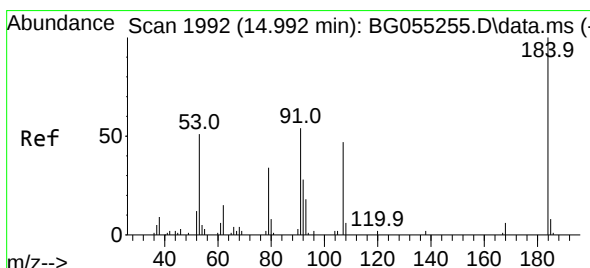
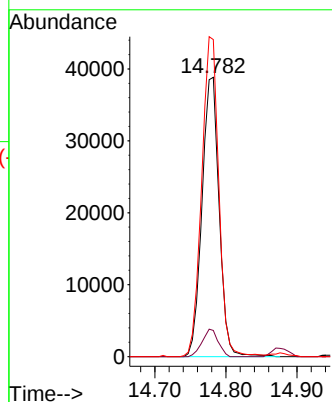
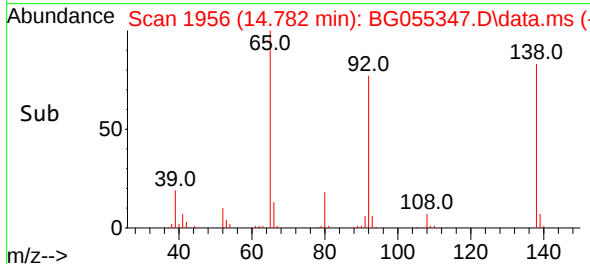
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



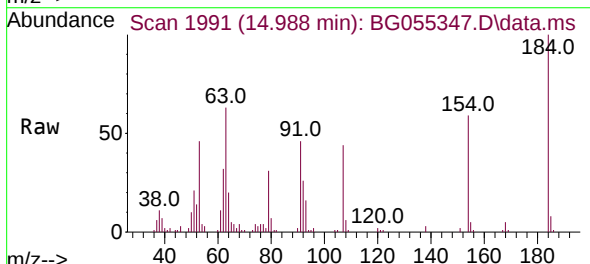
Tgt Ion:138 Resp: 64823
Ion Ratio Lower Upper
138 100
108 9.4 7.5 11.3
92 113.6 91.8 137.8

Manual Integrations
APPROVED

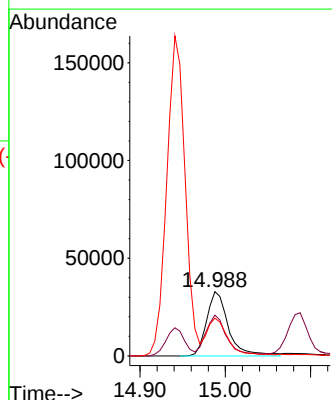
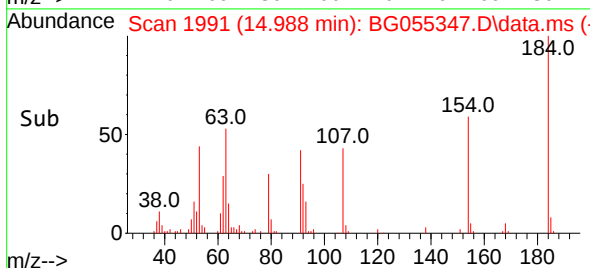
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

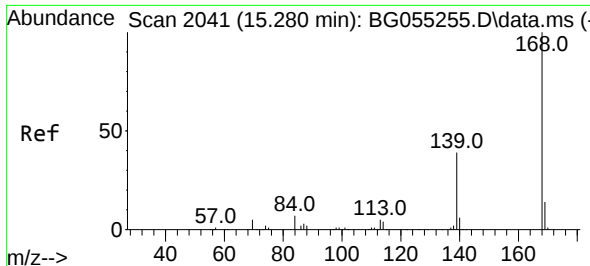


#54
2,4-Dinitrophenol
Concen: 62.143 ng
RT: 14.988 min Scan# 1991
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41



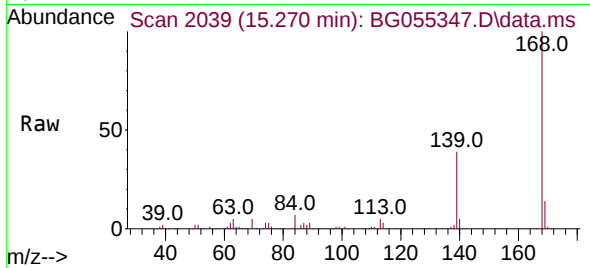
Tgt Ion:184 Resp: 58473
Ion Ratio Lower Upper
184 100
63 63.3 55.7 83.5
154 58.7 49.4 74.0





#55
Dibenzenofuran
Concen: 44.307 ng
RT: 15.270 min Scan# 2041
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

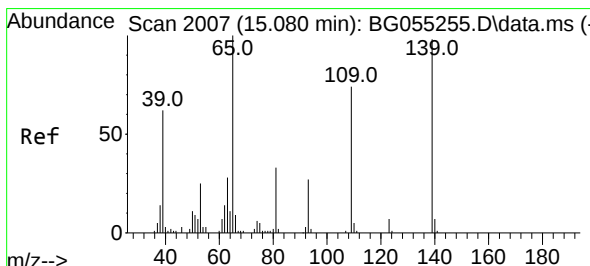
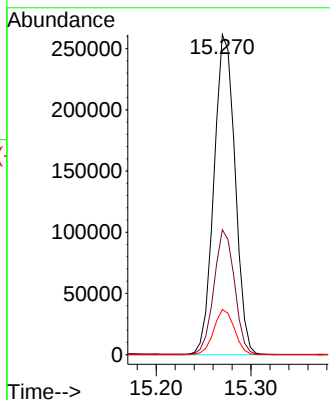
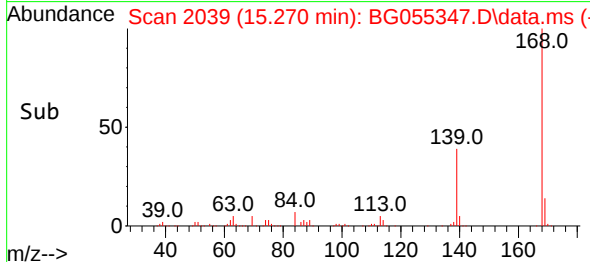
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



Tgt Ion:168 Resp: 404112
Ion Ratio Lower Upper
168 100
139 39.0 31.6 47.4
169 14.1 11.0 16.4

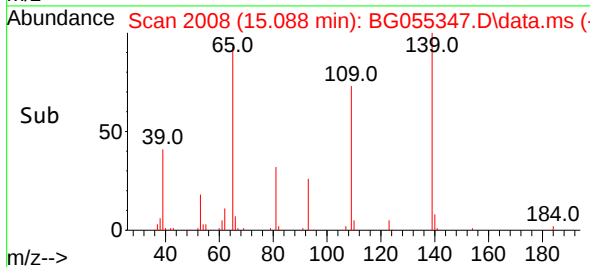
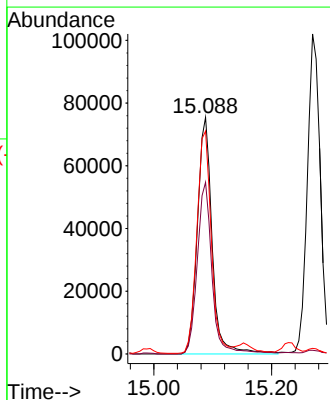
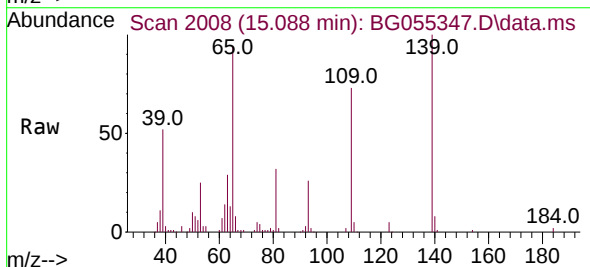
Manual Integrations
APPROVED

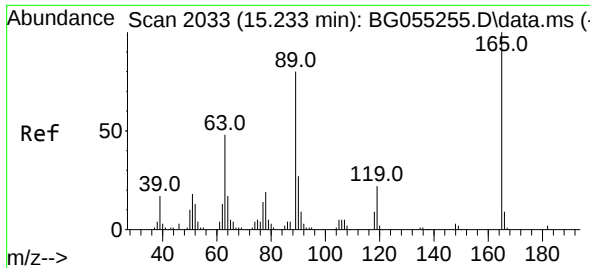
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#56
4-Nitrophenol
Concen: 89.305 ng
RT: 15.088 min Scan# 2008
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

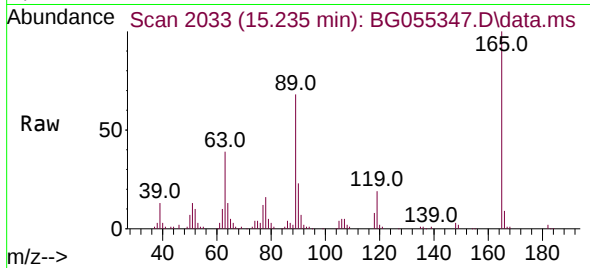
Tgt Ion:139 Resp: 131026
Ion Ratio Lower Upper
139 100
109 72.6 55.4 95.4
65 94.1 81.6 121.6





#57
2,4-Dinitrotoluene
Concen: 45.686 ng
RT: 15.235 min Scan# 2033
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

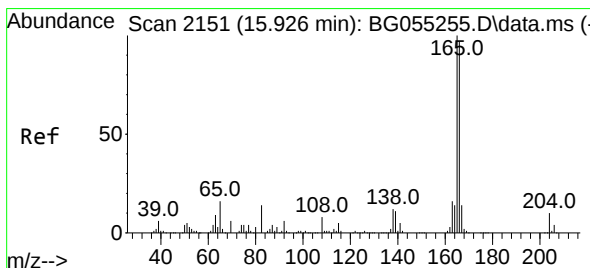
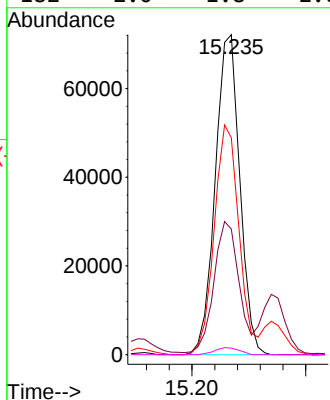
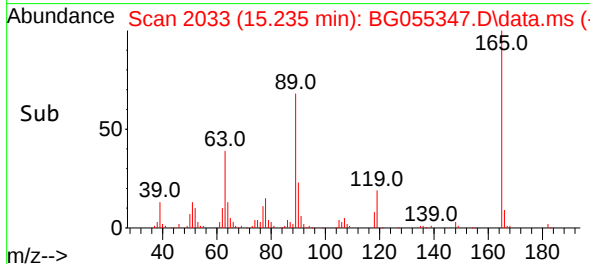
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



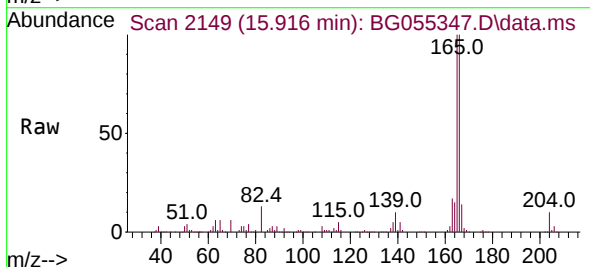
Tgt Ion:165 Resp: 108204
Ion Ratio Lower Upper
165 100
63 39.2 38.9 58.3
89 67.8 64.2 96.4
182 2.0 1.8 2.6

Manual Integrations
APPROVED

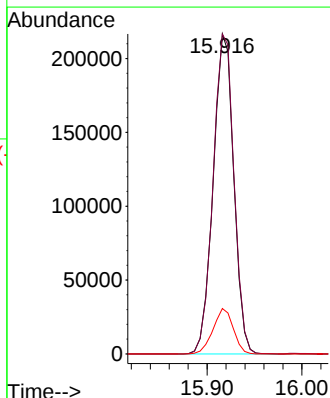
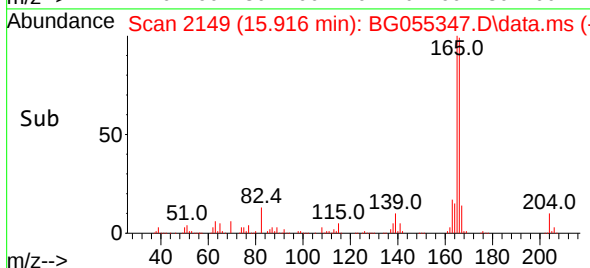
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

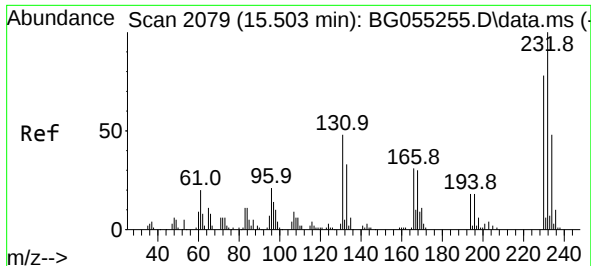


#58
Fluorene
Concen: 42.862 ng
RT: 15.916 min Scan# 2149
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41



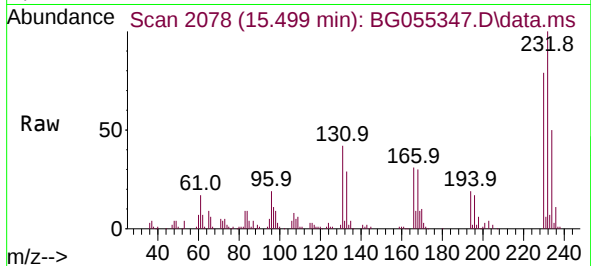
Tgt Ion:166 Resp: 325280
Ion Ratio Lower Upper
166 100
165 100.0 82.4 123.6
167 14.2 11.5 17.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.608 ng
RT: 15.499 min Scan# 2078
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

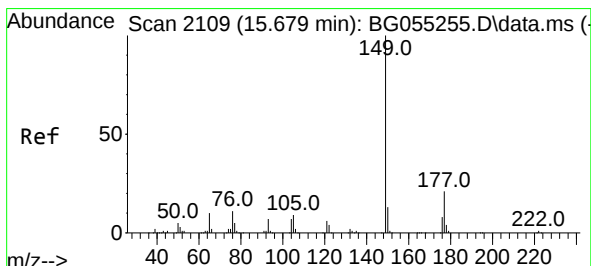
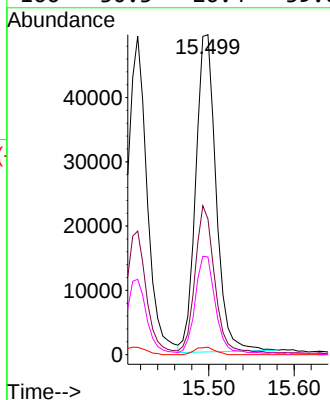
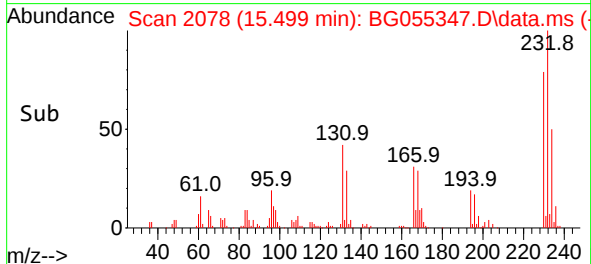
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



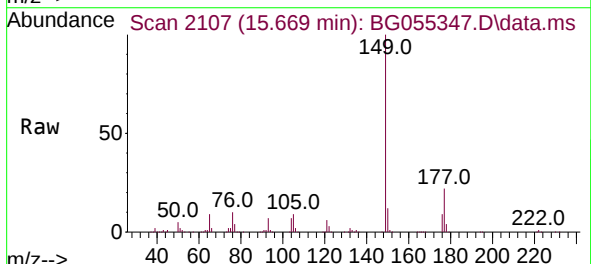
Tgt Ion:232 Resp: 81838
Ion Ratio Lower Upper
232 100
131 47.3 39.6 59.4
130 2.3 2.1 3.1
166 30.3 26.4 39.6

Manual Integrations
APPROVED

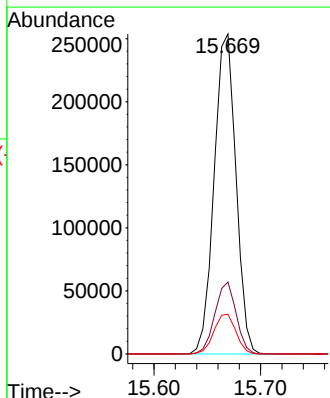
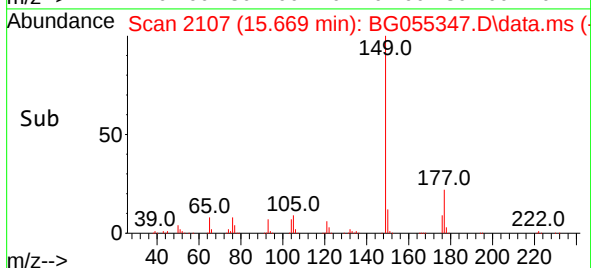
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

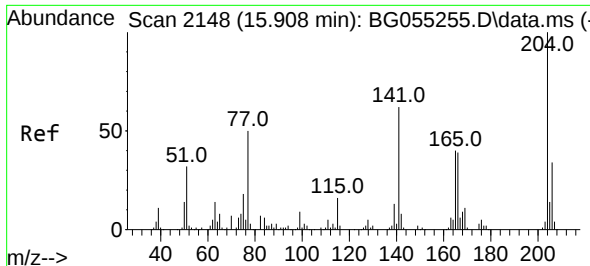


#60
Diethylphthalate
Concen: 42.345 ng
RT: 15.669 min Scan# 2107
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41



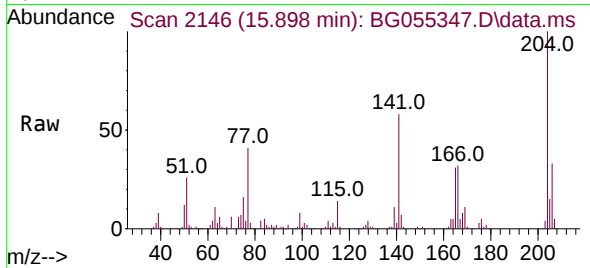
Tgt Ion:149 Resp: 361283
Ion Ratio Lower Upper
149 100
177 22.5 16.7 25.1
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 48.409 ng
RT: 15.898 min Scan# 2146
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

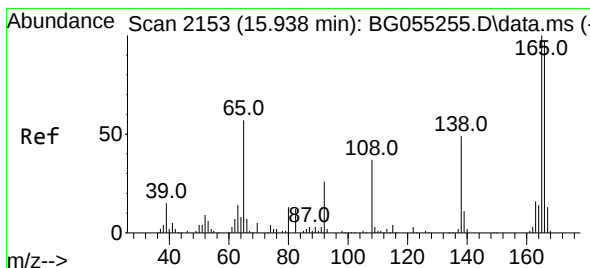
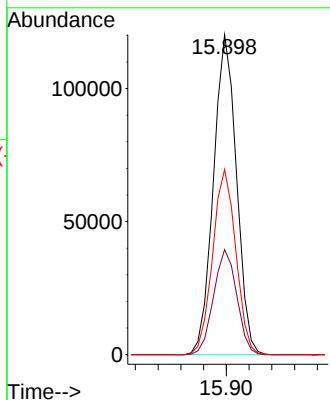
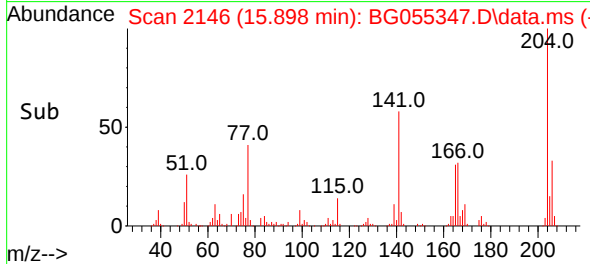
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



Tgt Ion:204 Resp: 168824
Ion Ratio Lower Upper
204 100
206 32.8 26.9 40.3
141 57.9 49.9 74.9

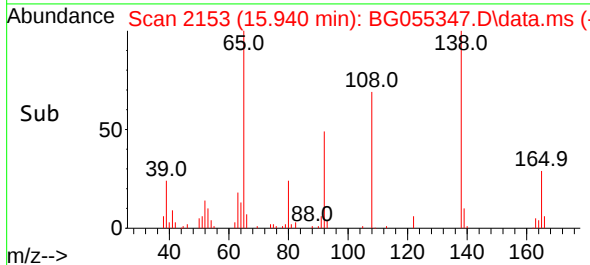
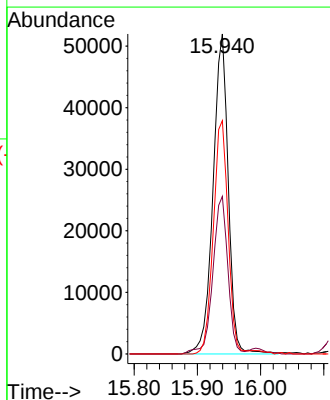
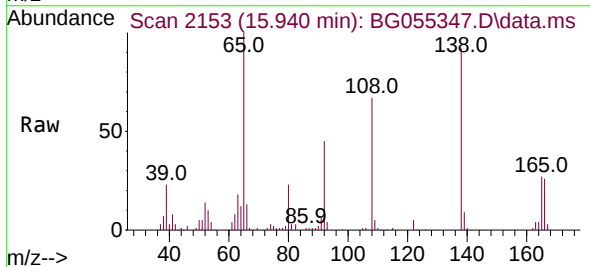
Manual Integrations
APPROVED

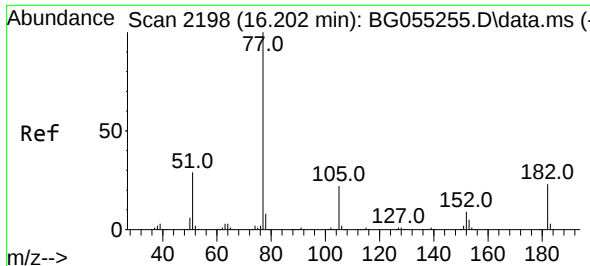
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#62
4-Nitroaniline
Concen: 40.354 ng
RT: 15.940 min Scan# 2153
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

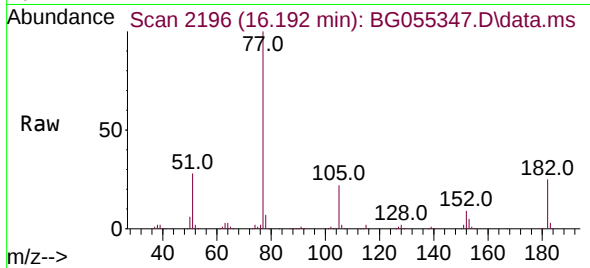
Tgt Ion:138 Resp: 86988
Ion Ratio Lower Upper
138 100
92 49.2 33.3 73.3
108 72.9 55.5 95.5





#63
Azobenzene
Concen: 40.300 ng
RT: 16.192 min Scan# 2196
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

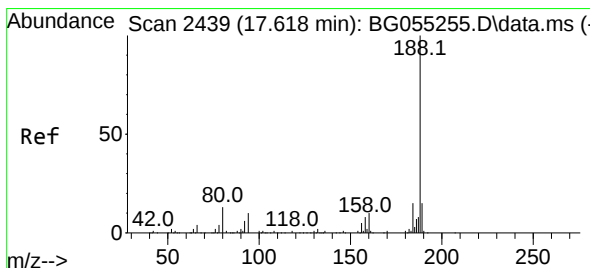
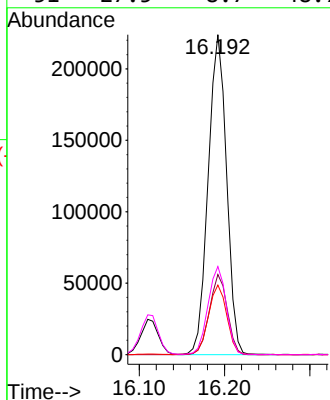
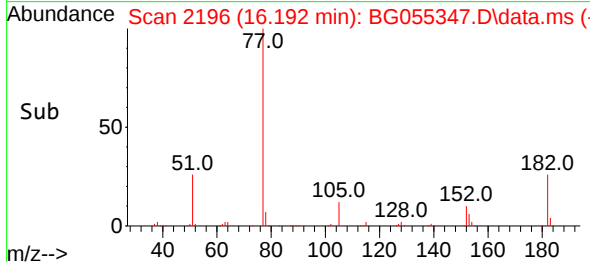
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



Tgt Ion: 77 Resp: 334962
Ion Ratio Lower Upper
77 100
182 25.1 2.5 42.5
105 21.7 1.6 41.6
51 27.5 8.7 48.7

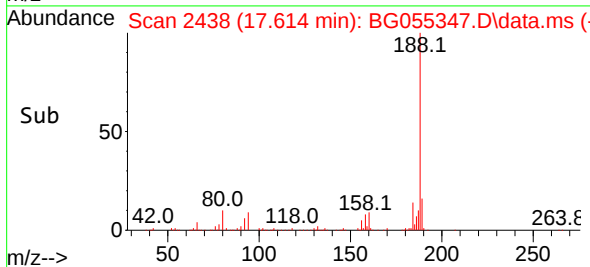
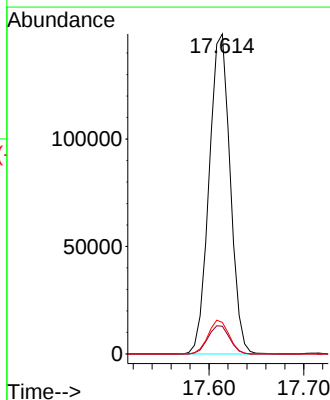
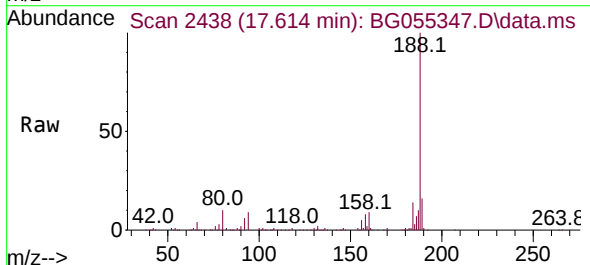
Manual Integrations
APPROVED

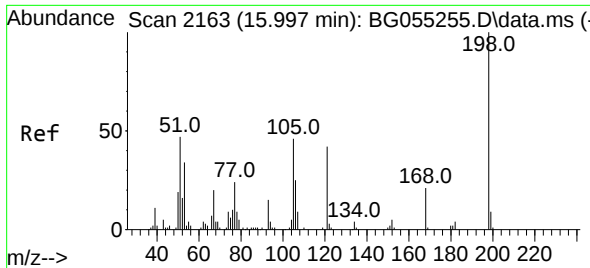
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.614 min Scan# 2438
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

Tgt Ion:188 Resp: 230015
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.4
80 9.8 10.1 15.1#





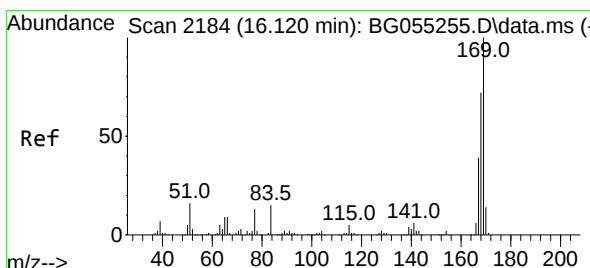
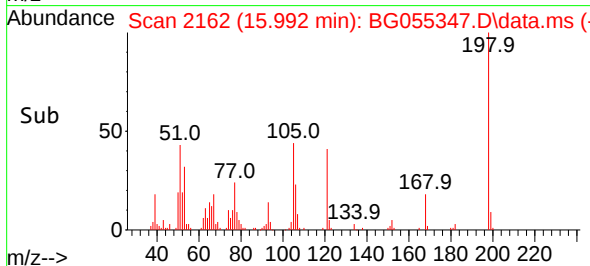
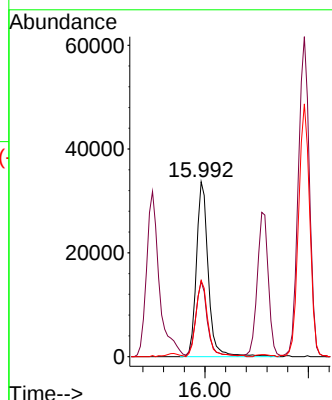
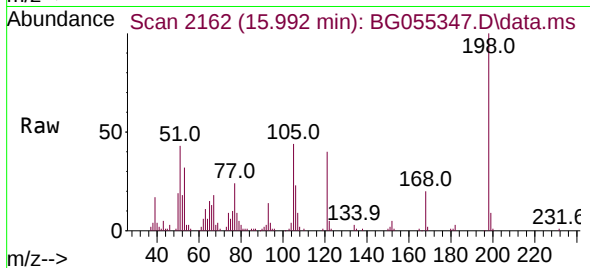
#65
4,6-Dinitro-2-methylphenol
Concen: 42.132 ng
RT: 15.992 min Scan# 2163
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD

Tgt Ion:198 Resp: 53275
Ion Ratio Lower Upper
198 100
51 43.1 29.6 69.6
105 43.5 26.6 66.6

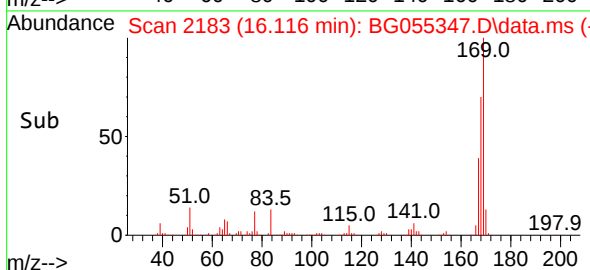
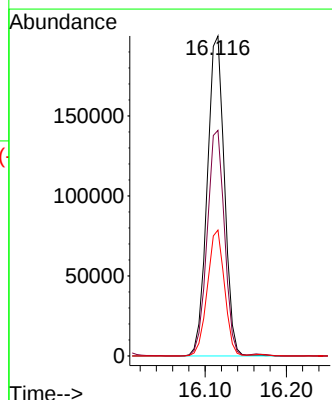
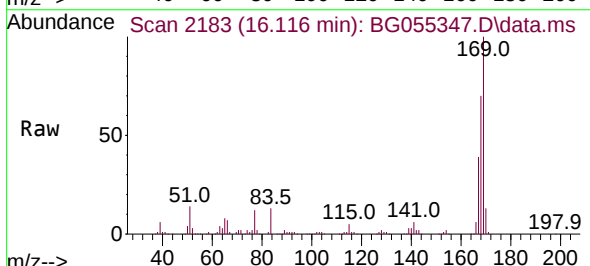
Manual Integrations
APPROVED

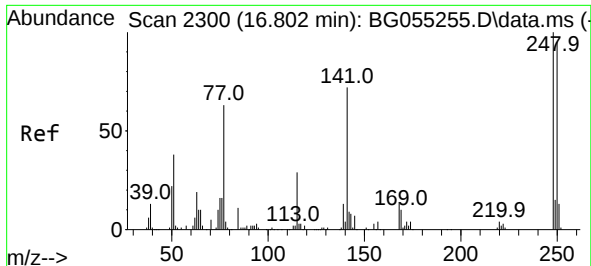
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#66
n-Nitrosodiphenylamine
Concen: 45.852 ng
RT: 16.116 min Scan# 2183
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

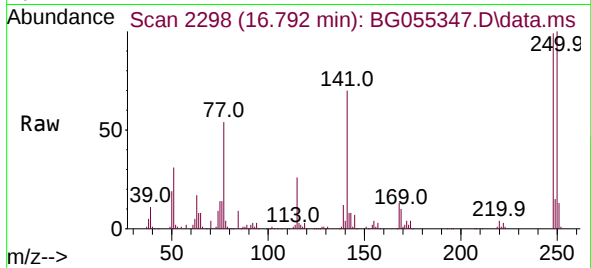
Tgt Ion:169 Resp: 293552
Ion Ratio Lower Upper
169 100
168 70.5 57.5 86.3
167 39.3 31.5 47.3





#67
4-Bromophenyl-phenylether
Concen: 49.706 ng
RT: 16.792 min Scan# 2119
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

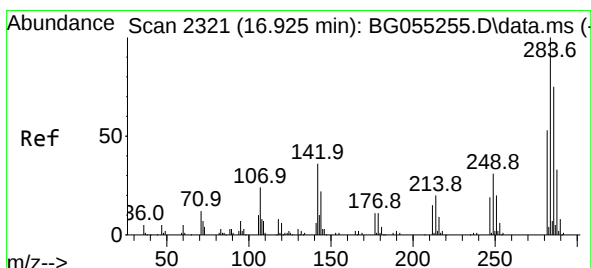
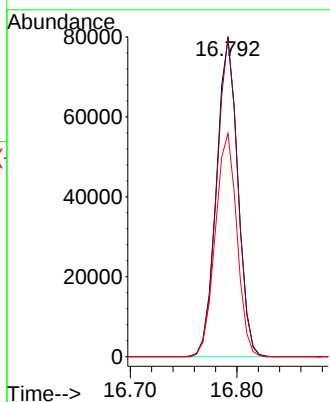
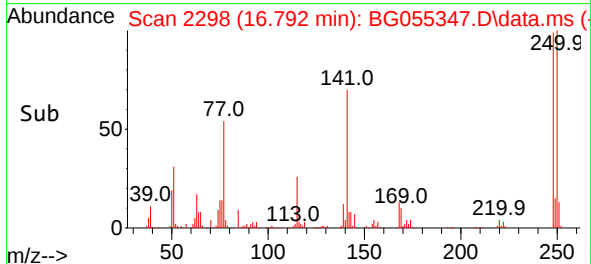
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



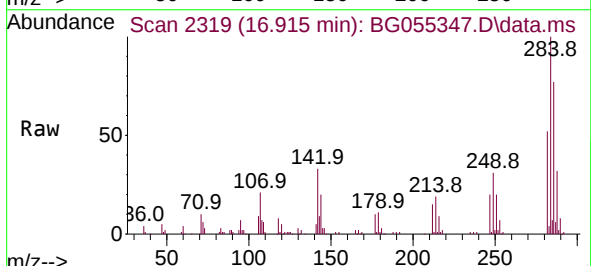
Tgt Ion:248 Resp: 111078
Ion Ratio Lower Upper
248 100
250 100.9 76.0 114.0
141 70.4 58.0 87.0

Manual Integrations
APPROVED

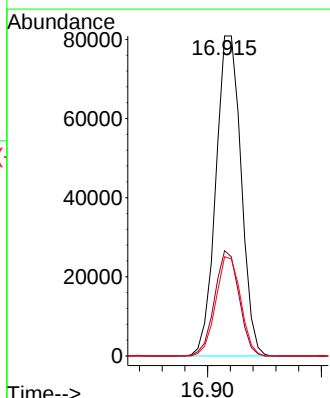
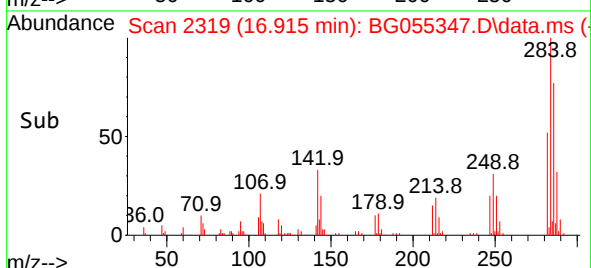
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

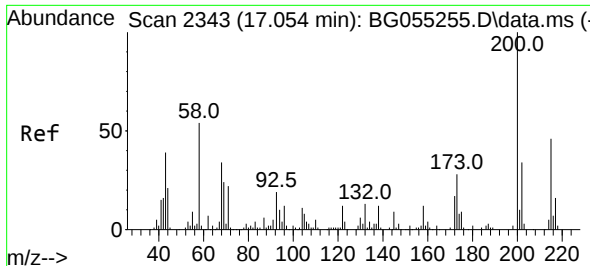


#68
Hexachlorobenzene
Concen: 49.280 ng
RT: 16.915 min Scan# 2319
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41



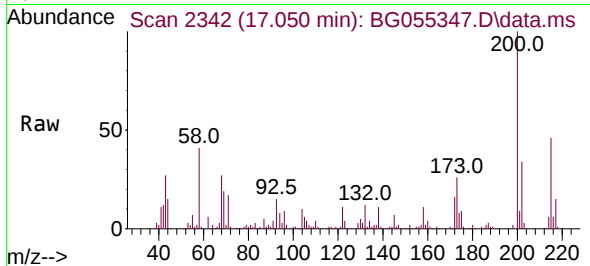
Tgt Ion:284 Resp: 124515
Ion Ratio Lower Upper
284 100
142 32.9 28.9 43.3
249 31.0 25.0 37.4





#69
 Atrazine
 Concen: 53.714 ng
 RT: 17.050 min Scan# 2343
 Delta R.T. 0.001 min
 Lab File: BG055347.D
 Acq: 28 Oct 2022 18:41

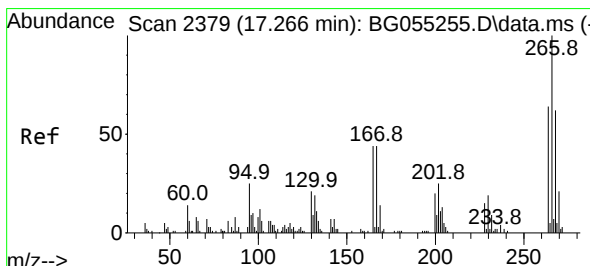
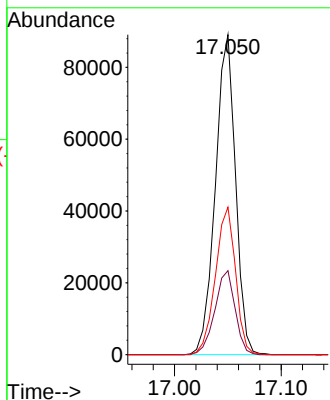
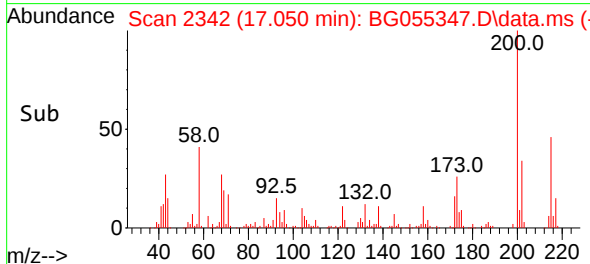
Instrument :
 BNA_G
 ClientSampleId :
 SB-F2-COMPMSD



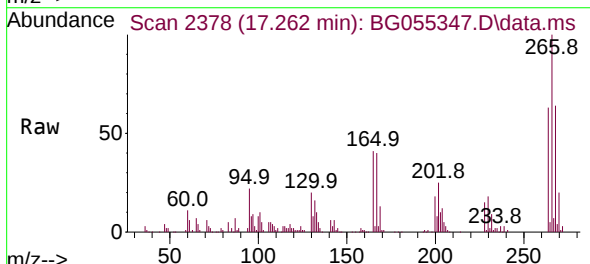
Tgt Ion:200 Resp: 116935
 Ion Ratio Lower Upper
 200 100
 173 26.2 7.7 47.7
 215 46.1 26.1 66.1

Manual Integrations
 APPROVED

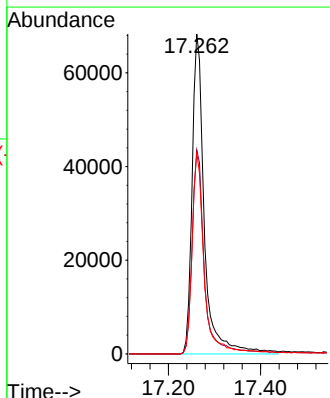
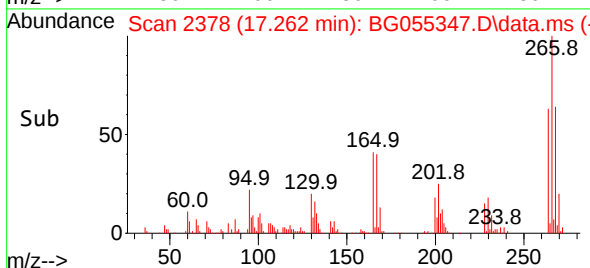
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022

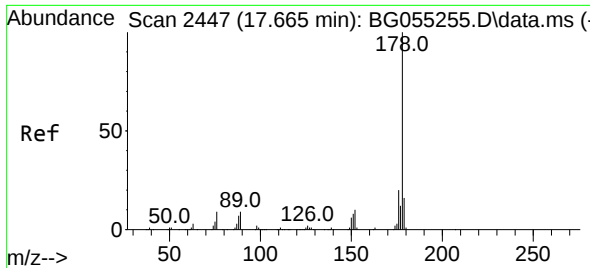


#70
 Pentachlorophenol
 Concen: 88.194 ng
 RT: 17.262 min Scan# 2378
 Delta R.T. -0.004 min
 Lab File: BG055347.D
 Acq: 28 Oct 2022 18:41



Tgt Ion:266 Resp: 126274
 Ion Ratio Lower Upper
 266 100
 268 63.8 53.2 79.8
 264 63.0 51.5 77.3





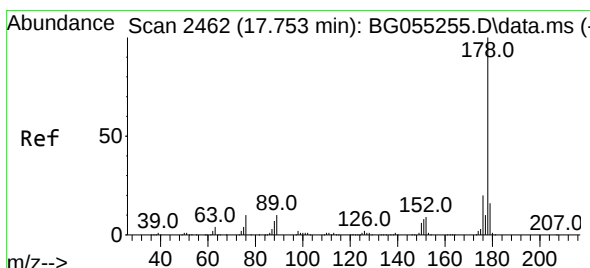
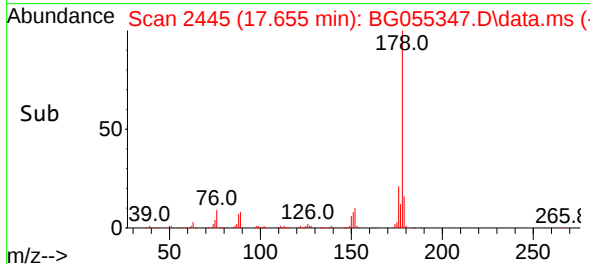
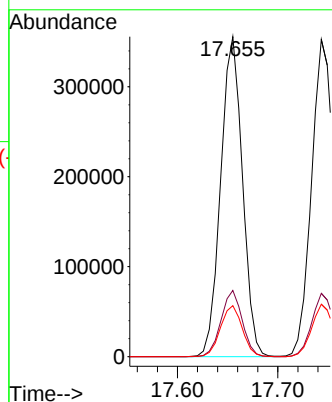
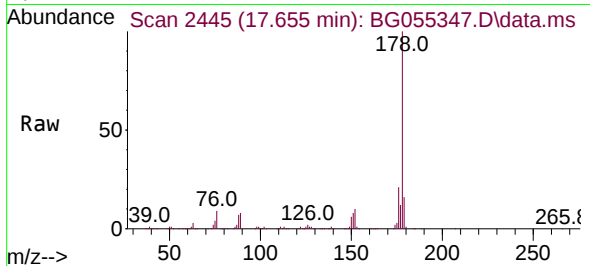
#71
Phenanthrene
Concen: 43.785 ng
RT: 17.655 min Scan# 2447
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD

Tgt Ion:178 Resp: 537100
Ion Ratio Lower Upper
178 100
176 20.7 16.0 24.0
179 15.9 12.6 19.0

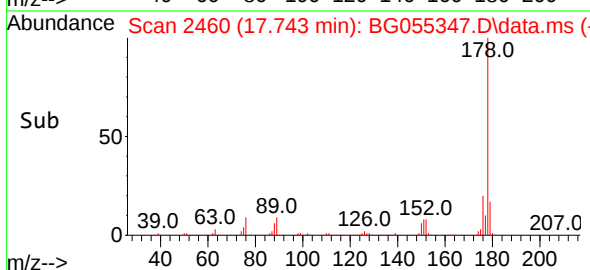
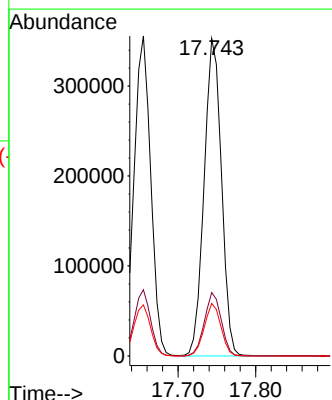
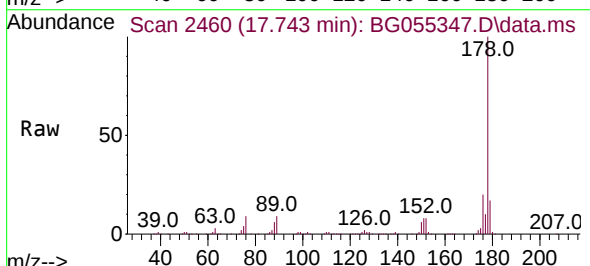
Manual Integrations
APPROVED

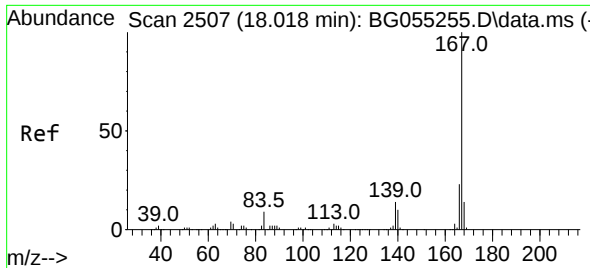
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#72
Anthracene
Concen: 45.687 ng
RT: 17.743 min Scan# 2460
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

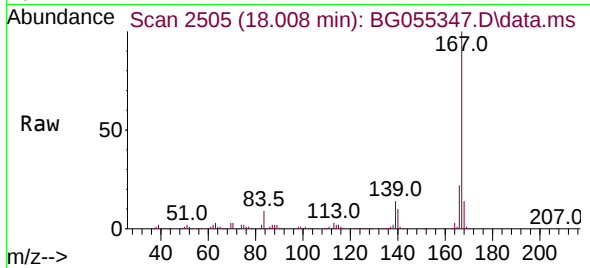
Tgt Ion:178 Resp: 547881
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 16.5 12.9 19.3





#73
Carbazole
Concen: 45.232 ng
RT: 18.008 min Scan# 2505
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

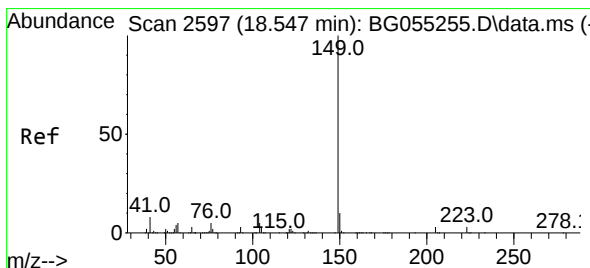
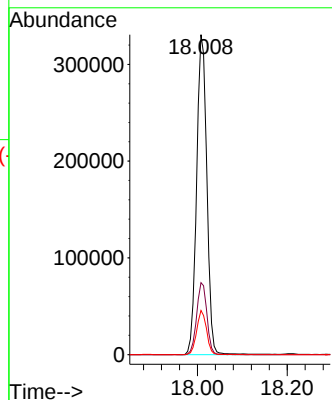
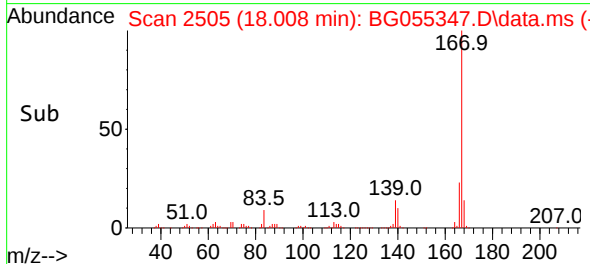
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



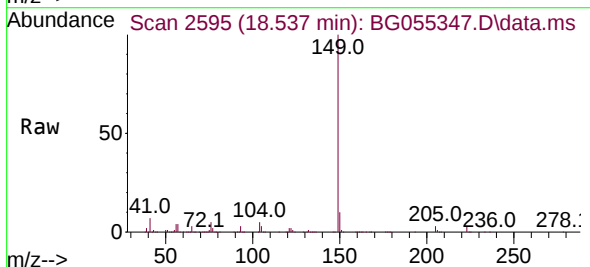
Tgt Ion:167 Resp: 521726
Ion Ratio Lower Upper
167 100
166 22.5 18.6 27.8
139 13.8 10.9 16.3

Manual Integrations
APPROVED

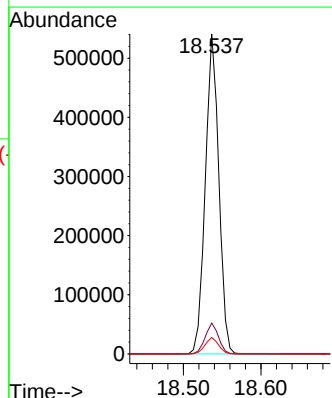
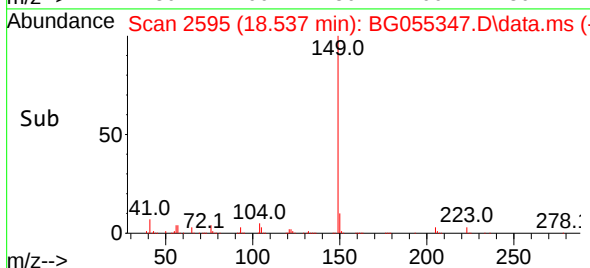
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

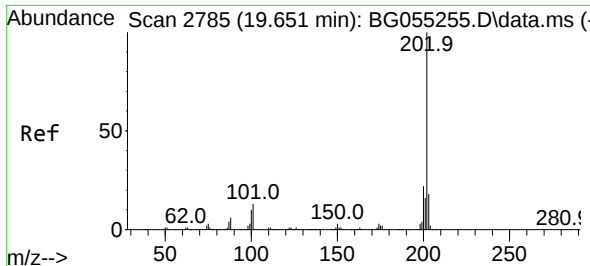


#74
Di-n-butylphthalate
Concen: 45.187 ng
RT: 18.537 min Scan# 2595
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41



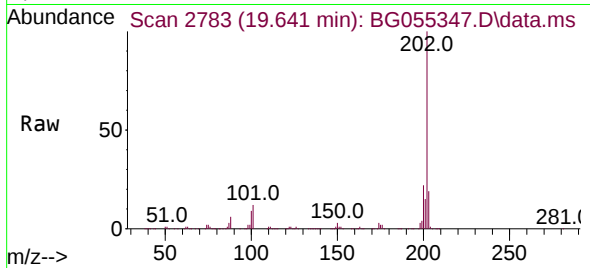
Tgt Ion:149 Resp: 651519
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.8
104 5.1 4.2 6.4





#75
Fluoranthene
Concen: 44.631 ng
RT: 19.641 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

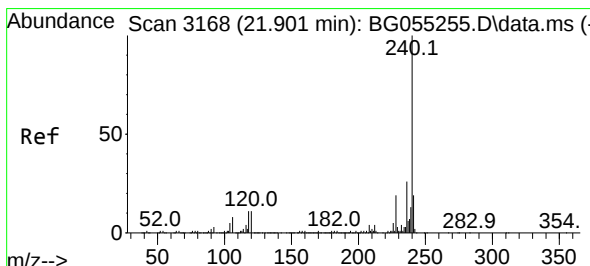
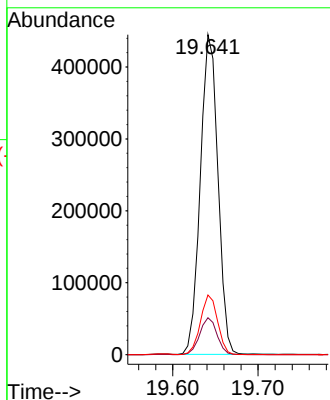
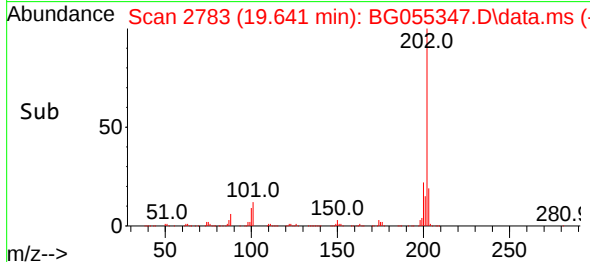
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



Tgt Ion:202 Resp: 637952
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.6
203 18.6 0.0 38.3

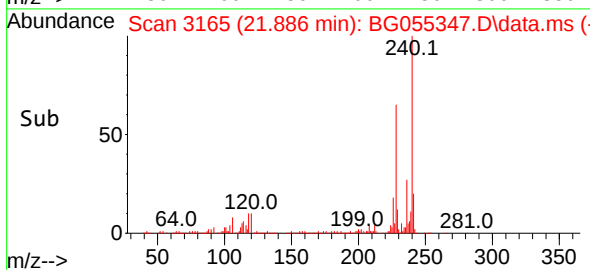
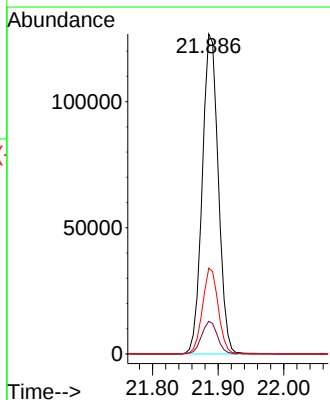
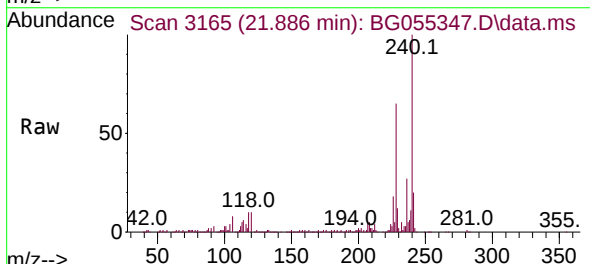
Manual Integrations
APPROVED

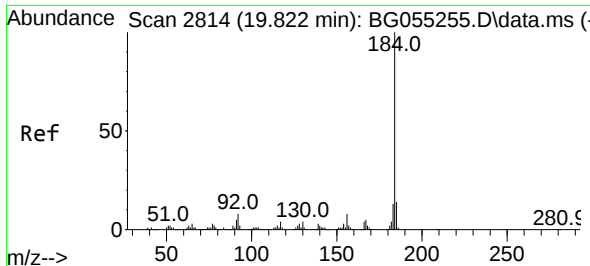
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.886 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

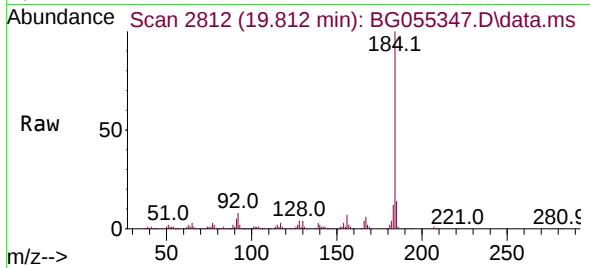
Tgt Ion:240 Resp: 214270
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 26.8 21.0 31.4





#77
Benzidine
Concen: 43.867 ng
RT: 19.812 min Scan# 2812
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

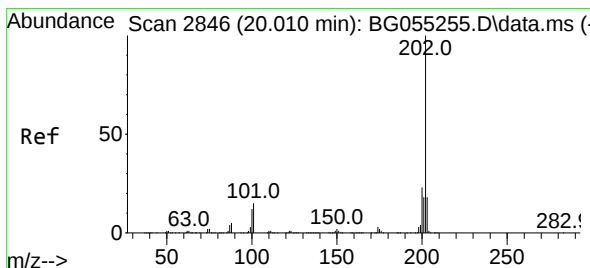
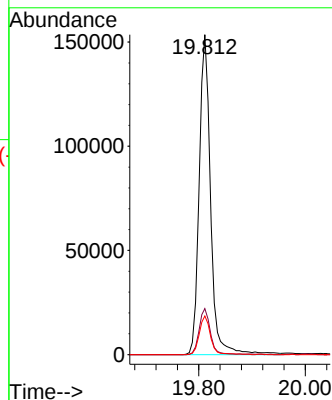
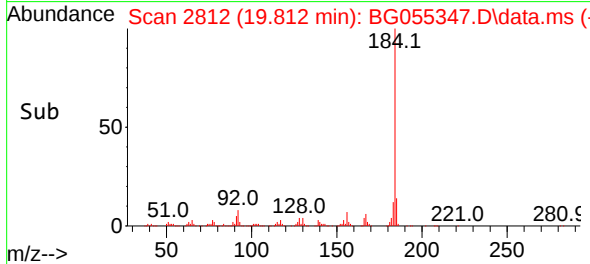
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



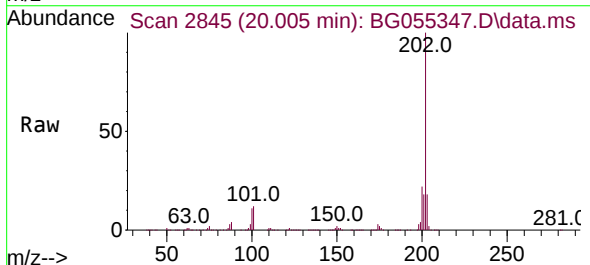
Tgt Ion:184 Resp: 227587
Ion Ratio Lower Upper
184 100
185 14.4 11.0 16.6
183 12.1 10.0 15.0

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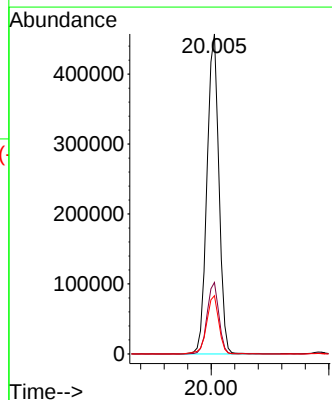
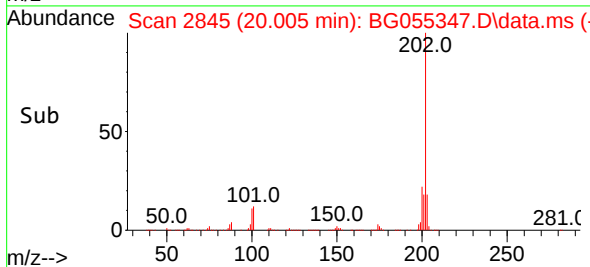
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

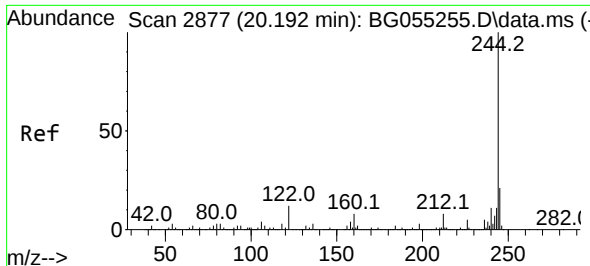


#78
Pyrene
Concen: 43.810 ng
RT: 20.005 min Scan# 2845
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41



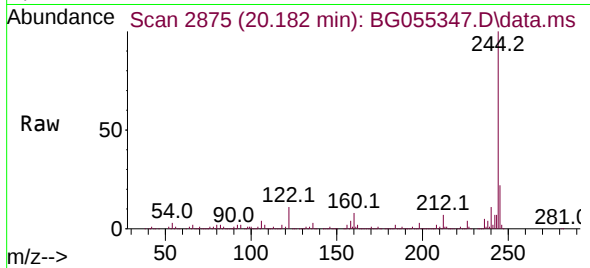
Tgt Ion:202 Resp: 643429
Ion Ratio Lower Upper
202 100
200 22.3 18.0 27.0
203 18.2 14.3 21.5





#79
 Terphenyl-d14
 Concen: 82.685 ng
 RT: 20.182 min Scan# 2877
 Delta R.T. -0.004 min
 Lab File: BG055347.D
 Acq: 28 Oct 2022 18:41

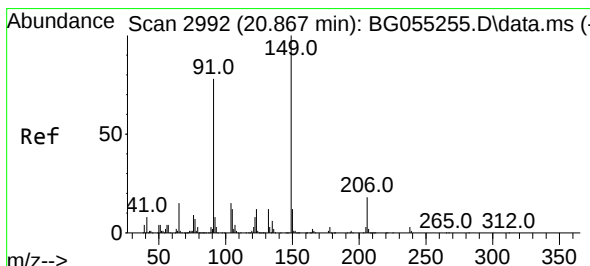
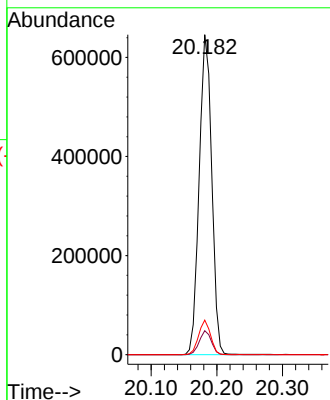
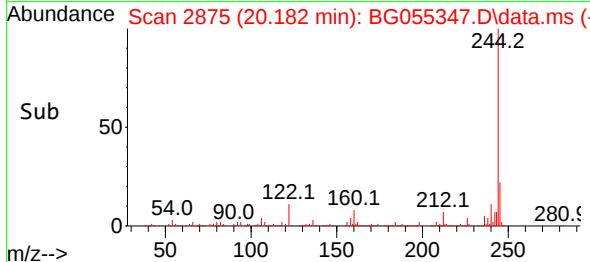
Instrument :
 BNA_G
 ClientSampleId :
 SB-F2-COMPMSD



Tgt Ion:244 Resp: 852728
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 10.8 9.6 14.4

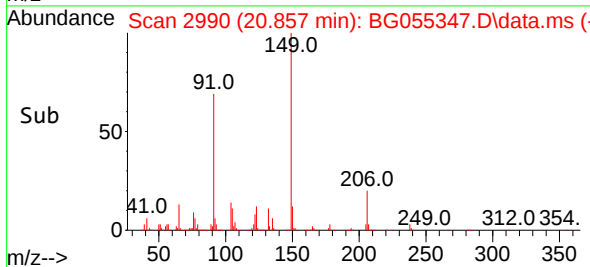
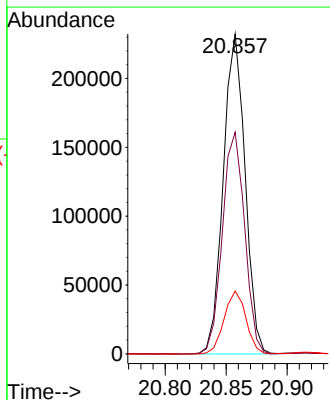
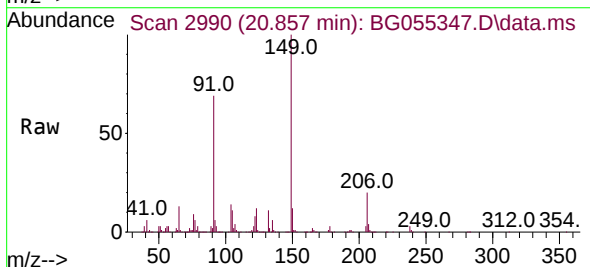
Manual Integrations
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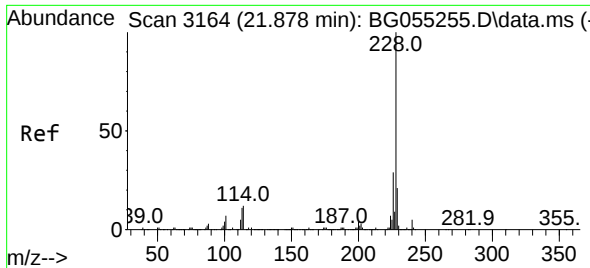
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022



#80
 Butylbenzylphthalate
 Concen: 41.660 ng
 RT: 20.857 min Scan# 2990
 Delta R.T. -0.004 min
 Lab File: BG055347.D
 Acq: 28 Oct 2022 18:41

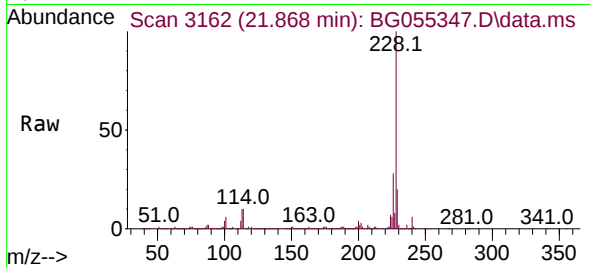
Tgt Ion:149 Resp: 289131
 Ion Ratio Lower Upper
 149 100
 91 69.3 62.2 93.4
 206 19.6 14.6 21.8





#81
Benzo(a)anthracene
Concen: 42.278 ng
RT: 21.868 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

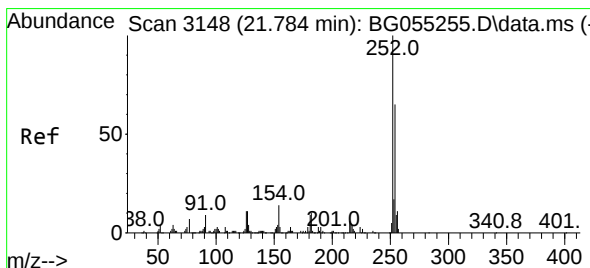
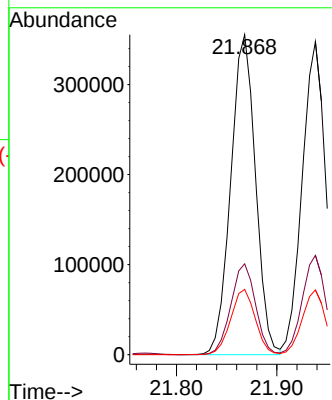
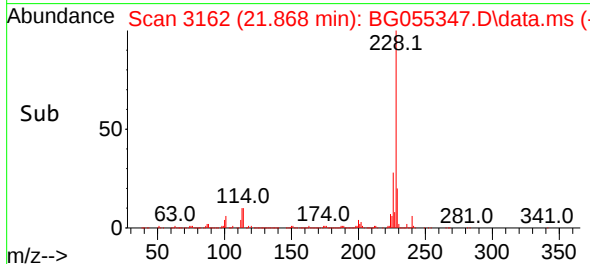
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



Tgt Ion:228 Resp: 608321
Ion Ratio Lower Upper
228 100
226 28.4 22.9 34.3
229 20.4 16.7 25.1

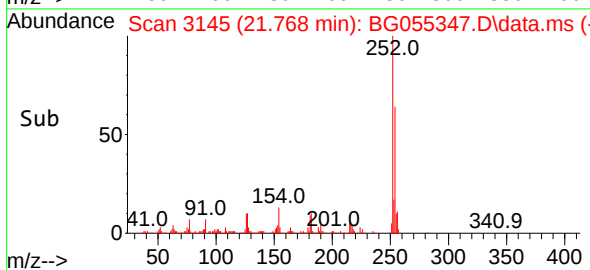
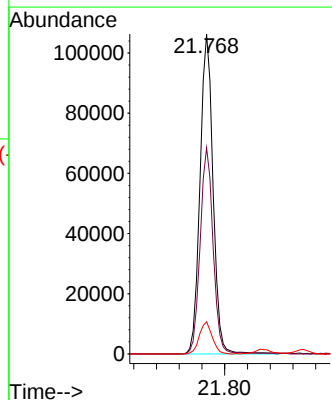
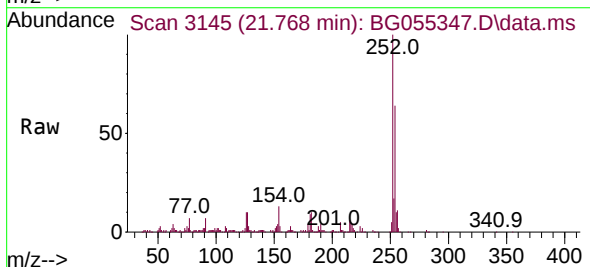
Manual Integrations
APPROVED

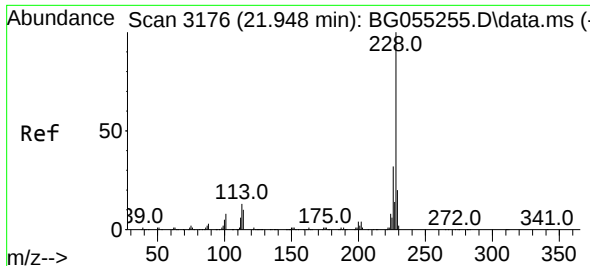
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#82
3,3'-Dichlorobenzidine
Concen: 35.868 ng
RT: 21.768 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

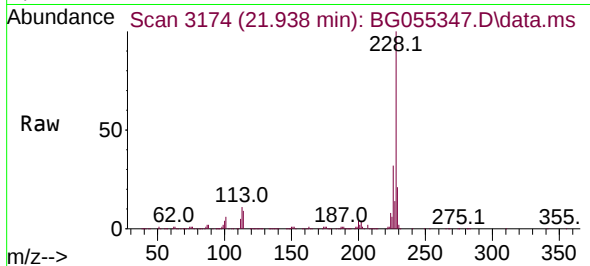
Tgt Ion:252 Resp: 168085
Ion Ratio Lower Upper
252 100
254 64.4 52.2 78.4
126 10.0 8.6 12.8





#83
Chrysene
Concen: 41.425 ng
RT: 21.938 min Scan# 3176
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

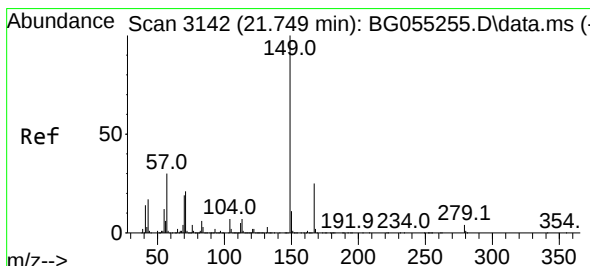
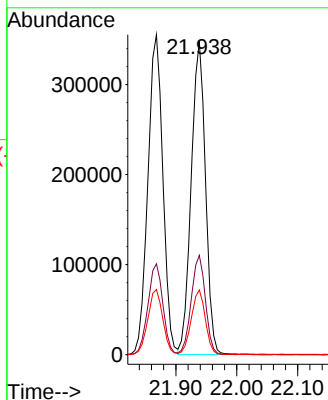
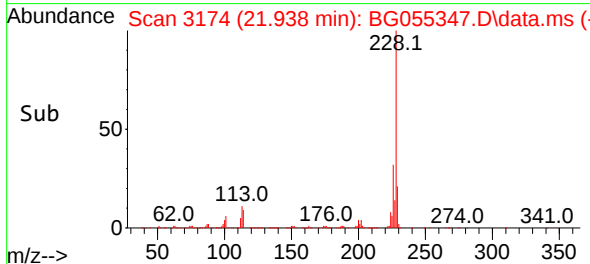
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



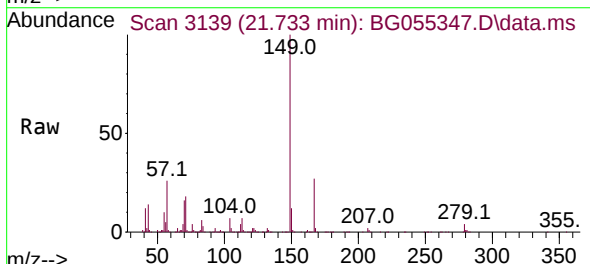
Tgt Ion:228 Resp: 566185
Ion Ratio Lower Upper
228 100
226 31.7 25.8 38.8
229 20.7 16.3 24.5

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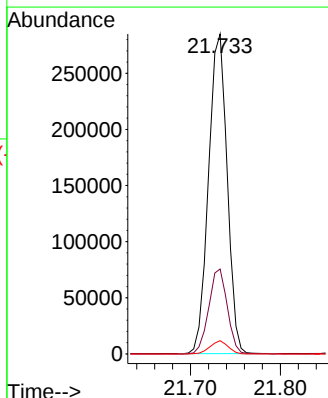
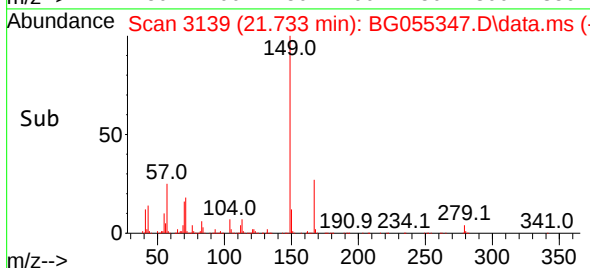
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

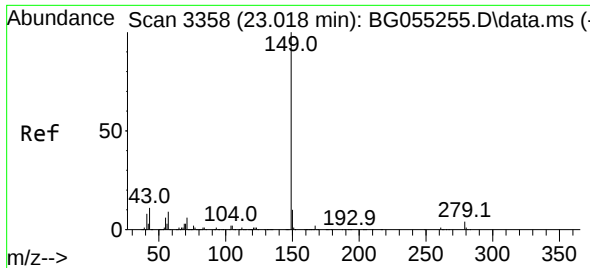


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.531 ng
RT: 21.733 min Scan# 3139
Delta R.T. 0.001 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41



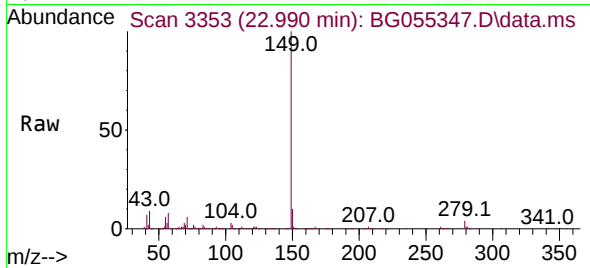
Tgt Ion:149 Resp: 411753
Ion Ratio Lower Upper
149 100
167 26.5 20.2 30.2
279 4.1 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 41.751 ng
RT: 22.990 min Scan# 3358
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

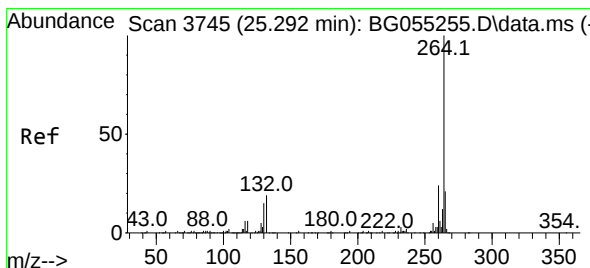
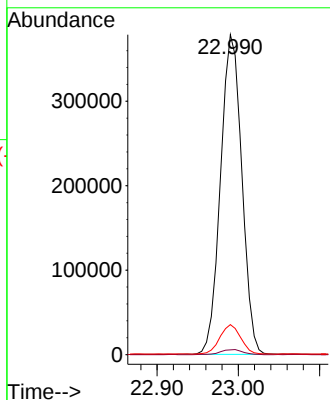
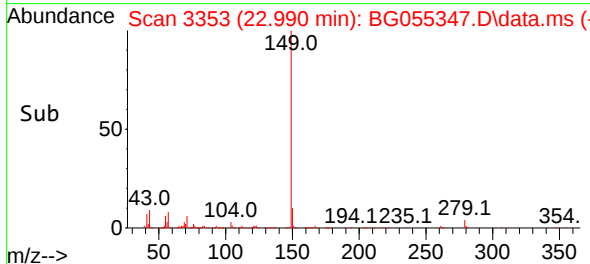
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



Tgt Ion:149 Resp: 689604
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 8.6 12.8

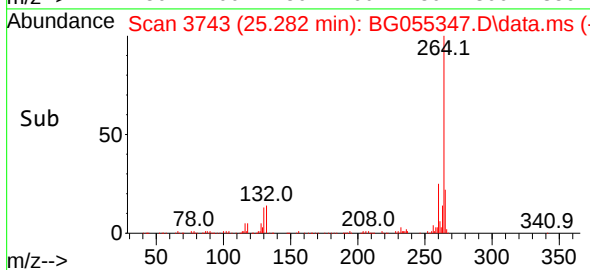
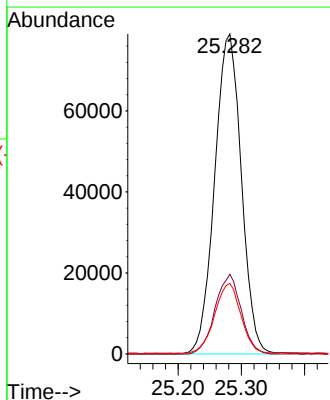
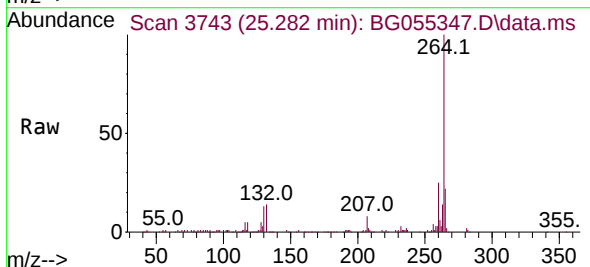
Manual Integrations
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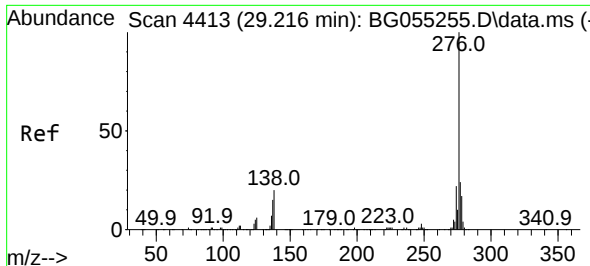
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.282 min Scan# 3743
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

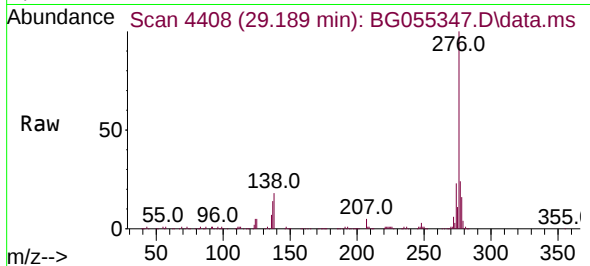
Tgt Ion:264 Resp: 231337
Ion Ratio Lower Upper
264 100
260 24.9 19.5 29.3
265 22.0 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.838 ng
 RT: 29.189 min Scan# 4413
 Delta R.T. -0.016 min
 Lab File: BG055347.D
 Acq: 28 Oct 2022 18:41

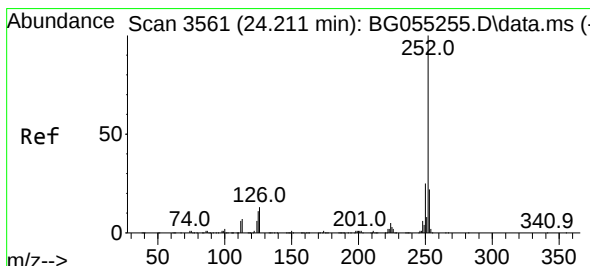
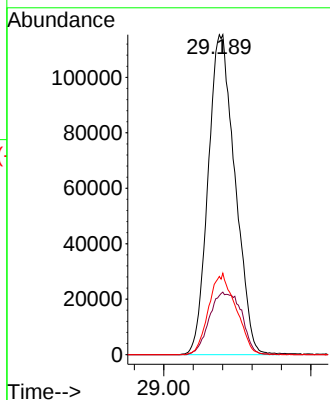
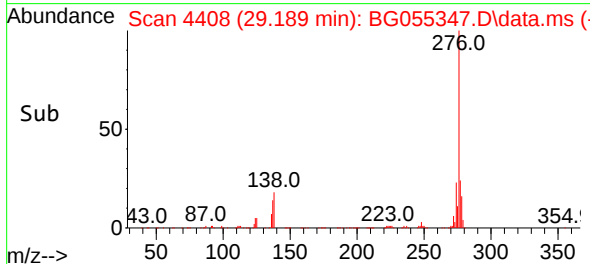
Instrument :
 BNA_G
 ClientSampleId :
 SB-F2-COMPMSD



Tgt Ion:276 Resp: 731936
 Ion Ratio Lower Upper
 276 100
 138 23.2 13.9 20.9
 277 25.8 20.3 30.5

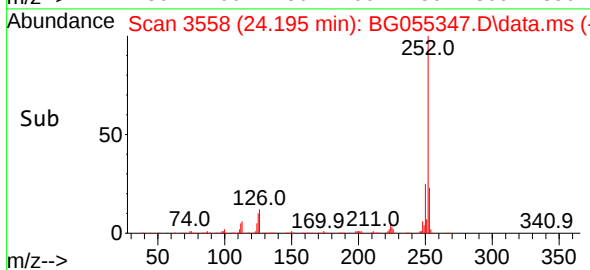
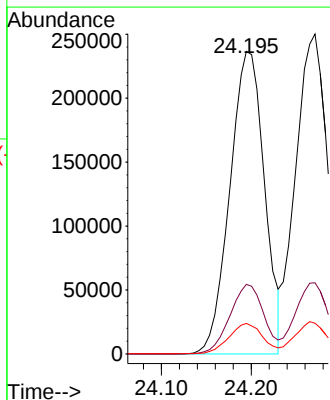
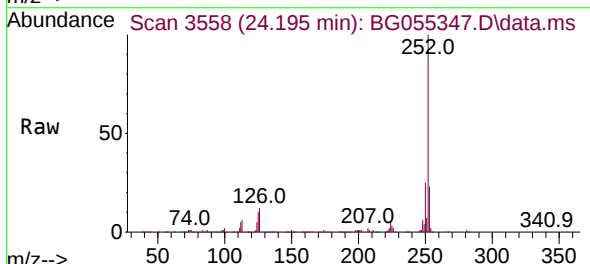
Manual Integrations
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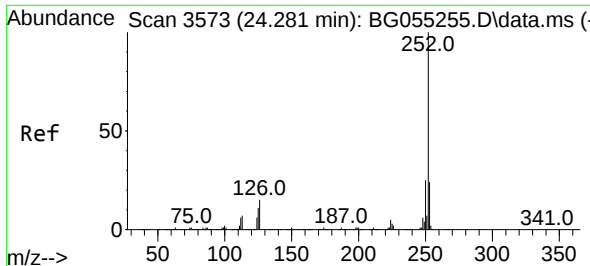
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022



#88
 Benzo(b)fluoranthene
 Concen: 45.577 ng
 RT: 24.195 min Scan# 3558
 Delta R.T. -0.004 min
 Lab File: BG055347.D
 Acq: 28 Oct 2022 18:41

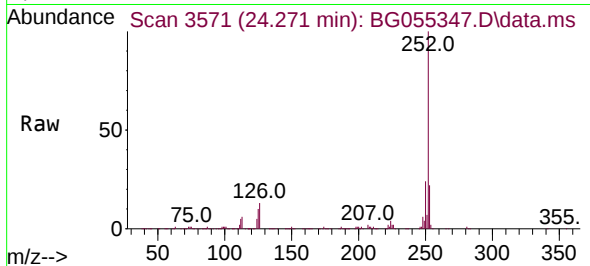
Tgt Ion:252 Resp: 634226
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.6 26.4
 125 10.1 9.0 13.4





#89
Benzo(k)fluoranthene
Concen: 44.616 ng
RT: 24.271 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

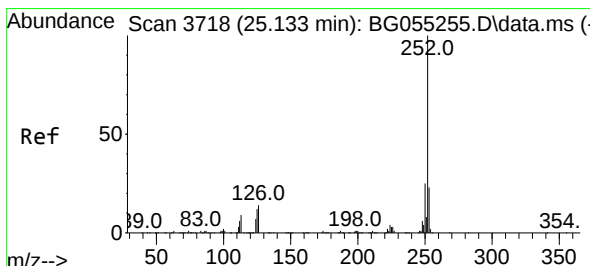
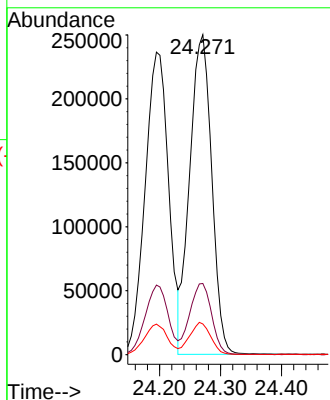
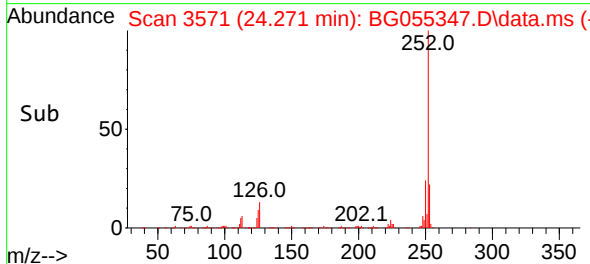
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



Tgt Ion:252 Resp: 626907
Ion Ratio Lower Upper
252 100
253 22.2 18.6 27.8
125 9.6 9.1 13.7

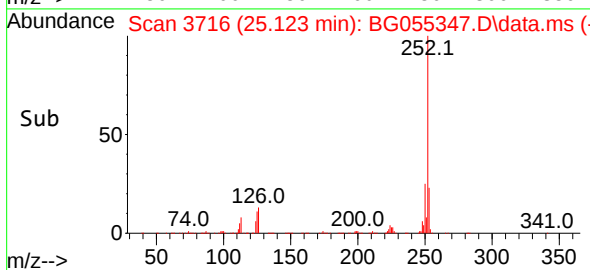
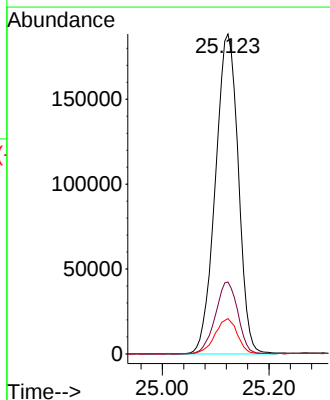
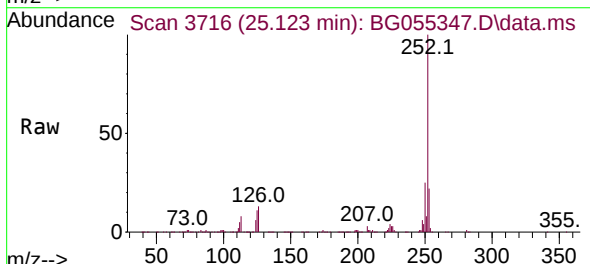
Manual Integrations
APPROVED

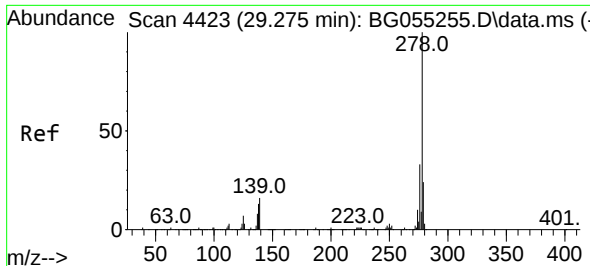
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#90
Benzo(a)pyrene
Concen: 47.160 ng
RT: 25.123 min Scan# 3716
Delta R.T. -0.004 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

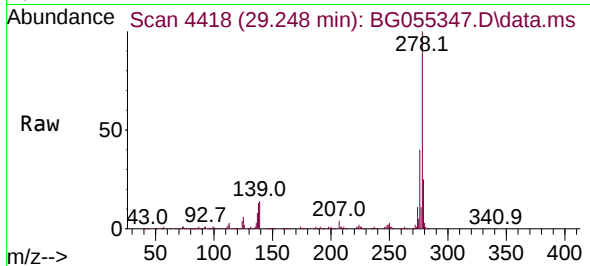
Tgt Ion:252 Resp: 562771
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 11.0 9.8 14.8





#91
Dibenzo(a,h)anthracene
Concen: 45.542 ng
RT: 29.248 min Scan# 4418
Delta R.T. -0.016 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

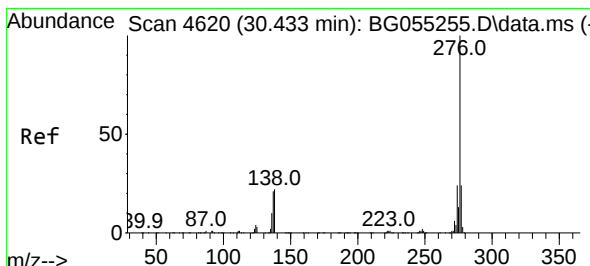
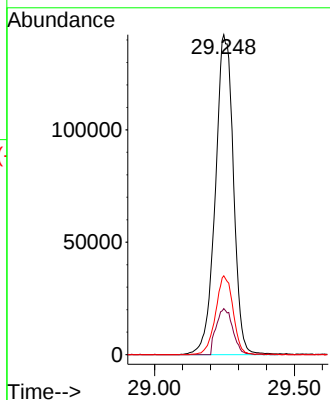
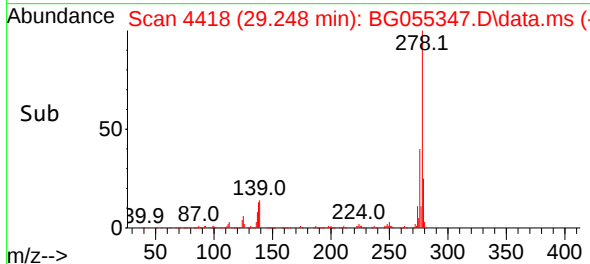
Instrument :
BNA_G
ClientSampleId :
SB-F2-COMPMSD



Tgt Ion:278 Resp: 638568
Ion Ratio Lower Upper
278 100
139 14.4 12.9 19.3
279 24.6 19.0 28.6

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



#92
Benzo(g,h,i)perylene
Concen: 45.164 ng
RT: 30.417 min Scan# 4617
Delta R.T. -0.022 min
Lab File: BG055347.D
Acq: 28 Oct 2022 18:41

Tgt Ion:276 Resp: 628118
Ion Ratio Lower Upper
276 100
277 25.3 19.1 28.7
138 19.7 17.2 25.8

