

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055339.D
 Acq On : 28 Oct 2022 13:09
 Operator : CG/JU
 Sample : PB148450BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148450BS

Manual Integrations
 APPROVED

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

Quant Time: Oct 29 05:35:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	34501	20.000	ng	0.00
21) Naphthalene-d8	11.096	136	161850	20.000	ng	0.00
39) Acenaphthene-d10	14.879	164	114478	20.000	ng	0.00
64) Phenanthrene-d10	17.611	188	264825	20.000	ng	0.00
76) Chrysene-d12	21.895	240	243073	20.000	ng	0.00
86) Perylene-d12	25.291	264	256904	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	300896	152.709	ng	0.00
7) Phenol-d6	7.412	99	401796	140.752	ng	0.00
23) Nitrobenzene-d5	9.439	82	244153	77.030	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	186987	150.254	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	569838	81.473	ng	0.00
79) Terphenyl-d14	20.185	244	1011923	86.495	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.593	88	29942	31.472	ng	96
3) Pyridine	4.016	79	84394	29.457	ng	93
4) n-Nitrosodimethylamine	3.922	42	44732	35.142	ng	93
6) Aniline	7.576	93	150870	40.372	ng	99
8) 2-Chlorophenol	7.823	128	108684	47.444	ng	97
9) Benzaldehyde	7.388	77	65585m	33.649	ng	
10) Phenol	7.441	94	142218	44.478	ng	98
11) bis(2-Chloroethyl)ether	7.670	93	97990	40.597	ng	95
12) 1,3-Dichlorobenzene	8.152	146	109684	43.883	ng	97
13) 1,4-Dichlorobenzene	8.299	146	111436	43.650	ng	100
14) 1,2-Dichlorobenzene	8.622	146	108947	44.324	ng	98
15) Benzyl Alcohol	8.499	79	101388m	42.442	ng	
16) 2,2'-oxybis(1-Chloropr...	8.787	45	147343	37.301	ng	97
17) 2-Methylphenol	8.704	107	100828	44.588	ng	99
18) Hexachloroethane	9.362	117	38779	42.658	ng	93
19) n-Nitroso-di-n-propyla...	9.069	70	88894	37.500	ng	95
20) 3+4-Methylphenols	9.033	107	139075	42.940	ng	99
22) Acetophenone	9.092	105	166550	40.251	ng	# 97
24) Nitrobenzene	9.486	77	125730	38.096	ng	96
25) Isophorone	10.003	82	246943	38.572	ng	96
26) 2-Nitrophenol	10.197	139	64686	44.757	ng	96
27) 2,4-Dimethylphenol	10.244	122	110272	48.873	ng	98
28) bis(2-Chloroethoxy)met...	10.479	93	141820	43.874	ng	99
29) 2,4-Dichlorophenol	10.737	162	111321	45.991	ng	97
30) 1,2,4-Trichlorobenzene	10.955	180	106049	42.928	ng	99
31) Naphthalene	11.148	128	337315	39.067	ng	99
32) Benzoic acid	10.402	122	56753m	34.564	ng	
33) 4-Chloroaniline	11.248	127	128062	34.693	ng	99
34) Hexachlorobutadiene	11.419	225	63531	45.010	ng	98
35) Caprolactam	12.024	113	43242m	38.493	ng	
36) 4-Chloro-3-methylphenol	12.353	107	128446	42.173	ng	97
37) 2-Methylnaphthalene	12.729	142	243580	39.129	ng	100
38) 1-Methylnaphthalene	12.946	142	234714	38.218	ng	99
40) 1,2,4,5-Tetrachloroben...	13.087	216	124243	44.998	ng	99
41) Hexachlorocyclopentadiene	13.064	237	137030	102.881	ng	97
43) 2,4,6-Trichlorophenol	13.322	196	89574	43.924	ng	97

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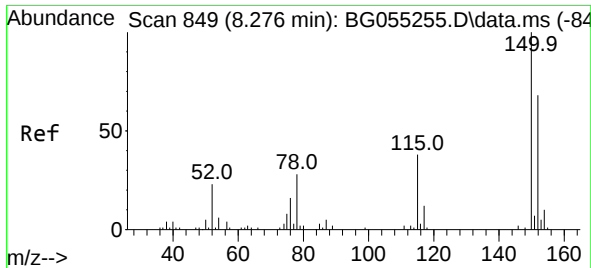
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.405	196	99215	43.986	ng	96
46) 1,1'-Biphenyl	13.716	154	330558	42.100	ng	99
47) 2-Chloronaphthalene	13.769	162	252299	40.749	ng	98
48) 2-Nitroaniline	13.963	65	88606	36.594	ng	92
49) Acenaphthylene	14.609	152	421870	39.471	ng	99
50) Dimethylphthalate	14.321	163	352971	39.270	ng	100
51) 2,6-Dinitrotoluene	14.445	165	76727	41.951	ng	94
52) Acenaphthene	14.944	154	300167m	44.059	ng	
53) 3-Nitroaniline	14.779	138	73495	31.971	ng	100
54) 2,4-Dinitrophenol	14.991	184	92990	86.479	ng	93
55) Dibenzofuran	15.273	168	405968	39.719	ng	99
56) 4-Nitrophenol	15.085	139	137015	83.334	ng	97
57) 2,4-Dinitrotoluene	15.232	165	111998	42.197	ng	90
58) Fluorene	15.919	166	327159	38.468	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.496	232	83687	41.618	ng	96
60) Diethylphthalate	15.667	149	369268	38.622	ng	98
61) 4-Chlorophenyl-phenylether	15.902	204	166809	42.682	ng	96
62) 4-Nitroaniline	15.943	138	91458	37.860	ng	99
63) Azobenzene	16.195	77	332005	35.644	ng	96
65) 4,6-Dinitro-2-methylph...	15.996	198	65191	44.779	ng	91
66) n-Nitrosodiphenylamine	16.113	169	298787	40.535	ng	99
67) 4-Bromophenyl-phenylether	16.795	248	111290	43.255	ng	96
68) Hexachlorobenzene	16.918	284	126400	43.450	ng	97
69) Atrazine	17.047	200	122441	48.850	ng	99
70) Pentachlorophenol	17.265	266	131506	80.018	ng	99
71) Phenanthrene	17.658	178	547302	38.752	ng	99
72) Anthracene	17.747	178	561100	40.639	ng	100
73) Carbazole	18.011	167	538384	40.541	ng	99
74) Di-n-butylphthalate	18.540	149	669266	40.316	ng	100
75) Fluoranthene	19.644	202	652169	39.629	ng	98
77) Benzidine	19.815	184	456369	77.541	ng	99
78) Pyrene	20.003	202	658637	39.531	ng	100
80) Butylbenzylphthalate	20.861	149	293174	37.237	ng	91
81) Benzo(a)anthracene	21.871	228	629059	38.539	ng	99
82) 3,3'-Dichlorobenzidine	21.771	252	207644	39.059	ng	99
83) Chrysene	21.942	228	590041	38.055	ng	99
84) Bis(2-ethylhexyl)phtha...	21.736	149	421440	37.471	ng	97
85) Di-n-octyl phthalate	22.993	149	711185	37.956	ng	96
87) Indeno(1,2,3-cd)pyrene	29.204	276	767593	40.454	ng	# 94
88) Benzo(b)fluoranthene	24.204	252	668144	43.236	ng	98
89) Benzo(k)fluoranthene	24.274	252	646049	41.403	ng	98
90) Benzo(a)pyrene	25.132	252	588330	44.396	ng	98
91) Dibenzo(a,h)anthracene	29.268	278	670088	43.034	ng	97
92) Benzo(g,h,i)perylene	30.432	276	657442	42.568	ng	97

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

Manual Integrations

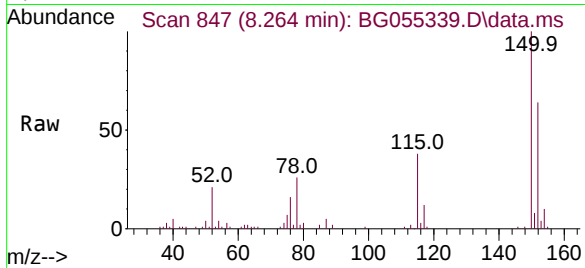
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.264 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BG055339.D
 Acq: 28 Oct 2022 13:09

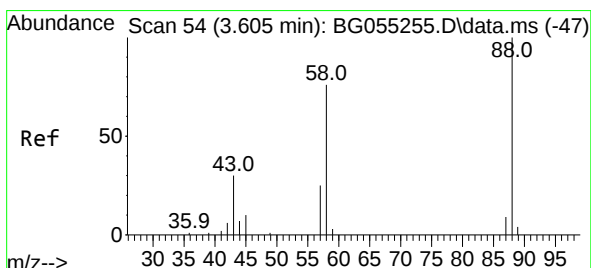
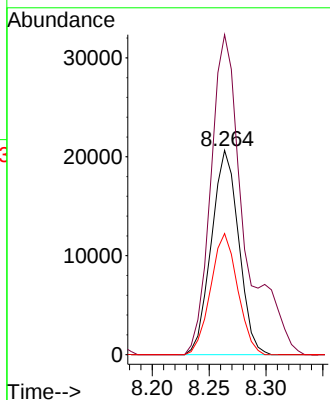
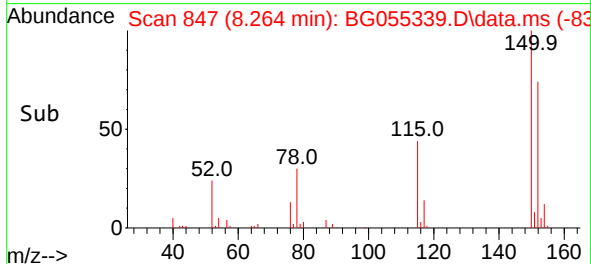
Instrument :
 BNA_G
 ClientSampleId :
 PB148450BS



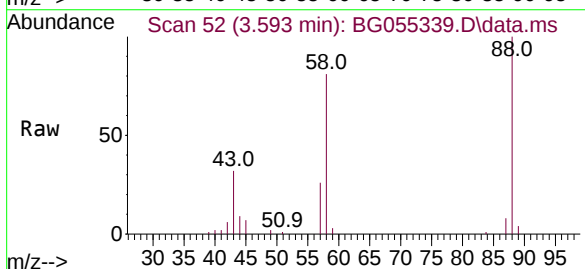
Tgt Ion:152 Resp: 3450
 Ion Ratio Lower Upper
 152 100
 150 156.7 118.2 177.4
 115 59.3 44.5 66.7

Manual Integrations
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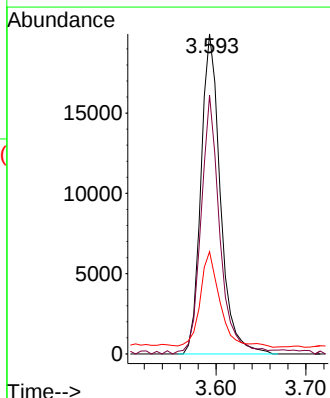
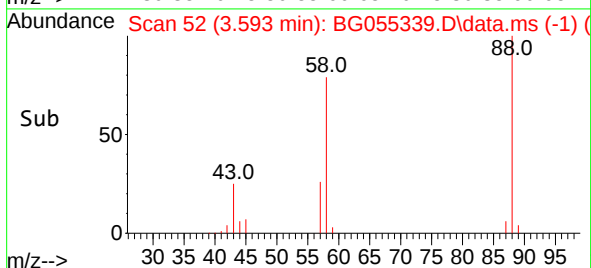
Reviewed By :Christian Giraldo 10/31/2022
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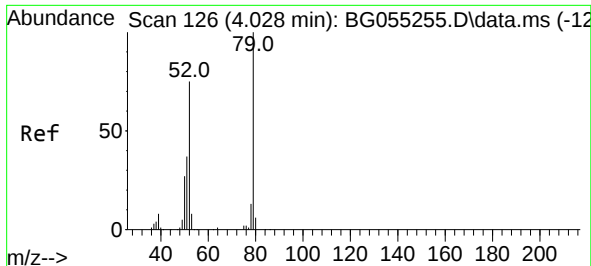


#2
 1,4-Dioxane
 Concen: 31.472 ng
 RT: 3.593 min Scan# 52
 Delta R.T. -0.007 min
 Lab File: BG055339.D
 Acq: 28 Oct 2022 13:09



Tgt Ion: 88 Resp: 29942
 Ion Ratio Lower Upper
 88 100
 58 79.0 61.0 91.6
 43 30.2 21.5 32.3





#3

Pyridine

Concen: 29.457 ng

RT: 4.016 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG055339.D

Acq: 28 Oct 2022 13:09

Instrument :

BNA_G

ClientSampleId :

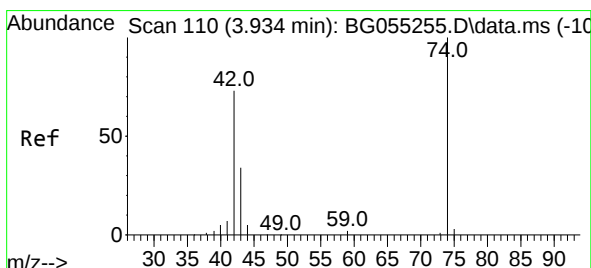
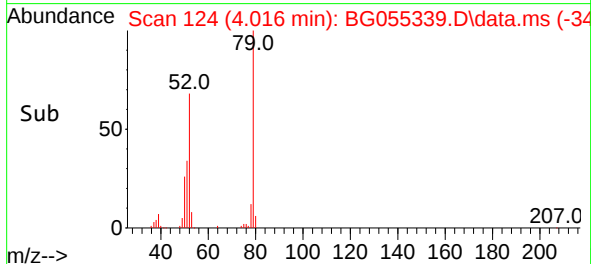
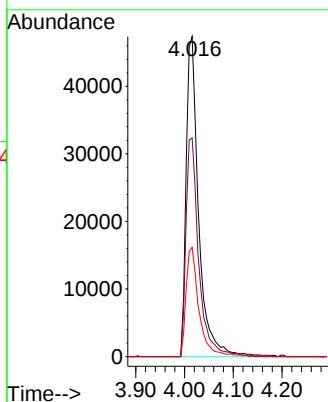
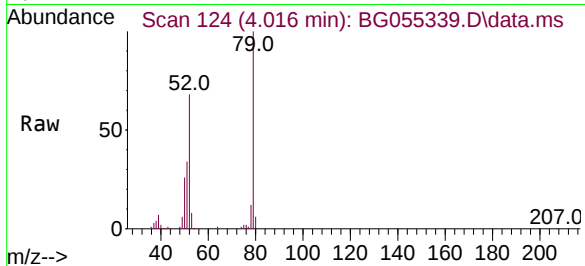
PB148450BS

Tgt Ion:	79	Resp:	84394
Ion Ratio	Lower	Upper	
79	100		
52	68.4	59.9	89.9
51	34.1	30.3	45.5

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 35.142 ng

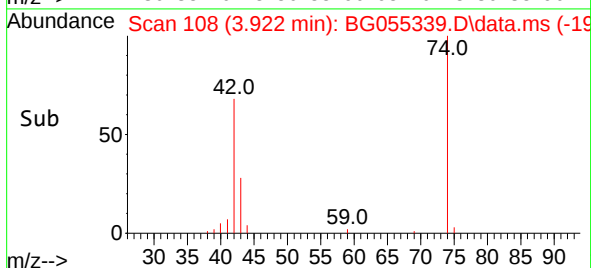
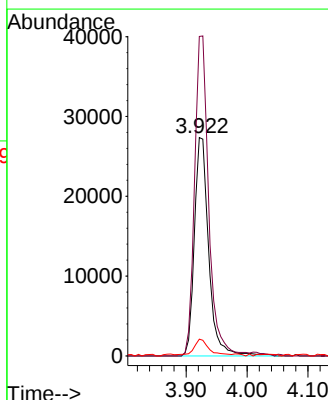
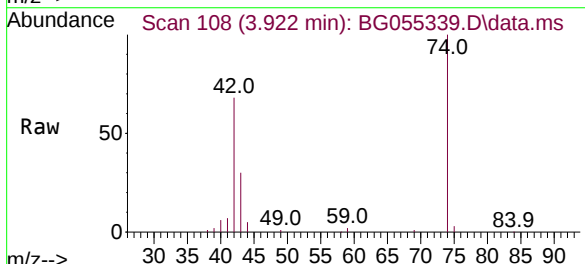
RT: 3.922 min Scan# 108

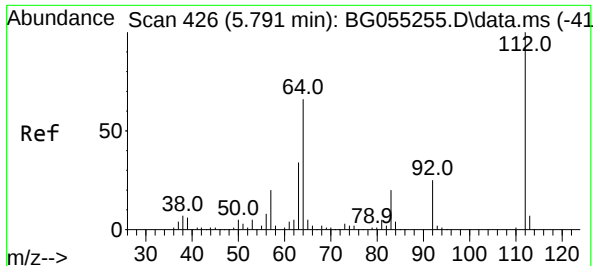
Delta R.T. -0.007 min

Lab File: BG055339.D

Acq: 28 Oct 2022 13:09

Tgt Ion:	42	Resp:	44732
Ion Ratio	Lower	Upper	
42	100		
74	146.3	109.8	164.6
44	7.7	6.5	9.7





#5
2-Fluorophenol
Concen: 152.709 ng
RT: 5.790 min Scan# 41
Delta R.T. 0.005 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Instrument :

BNA_G

ClientSampleId :

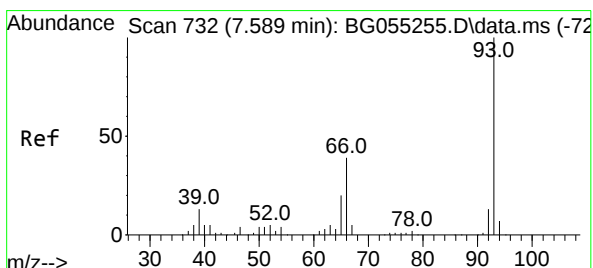
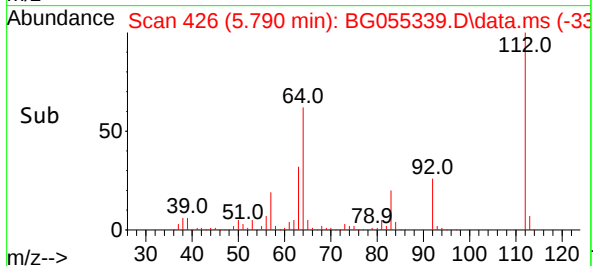
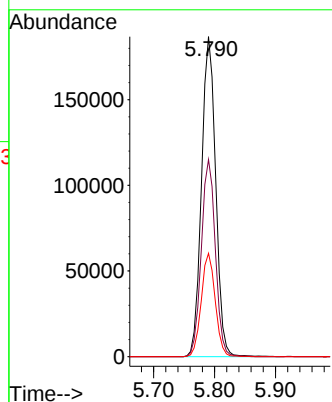
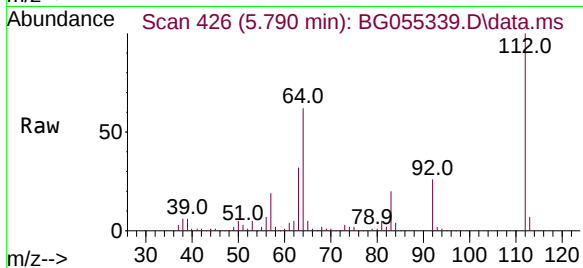
PB148450BS

Tgt Ion:112 Resp: 300896
Ion Ratio Lower Upper
112 100
64 61.6 52.6 78.8
63 32.3 27.1 40.7

Manual Integrations

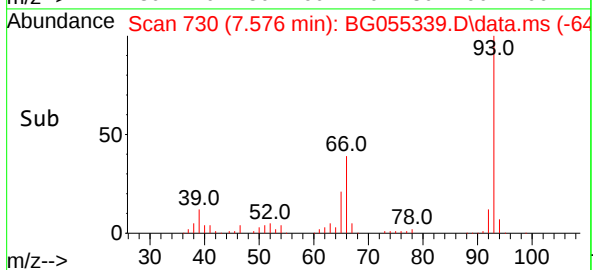
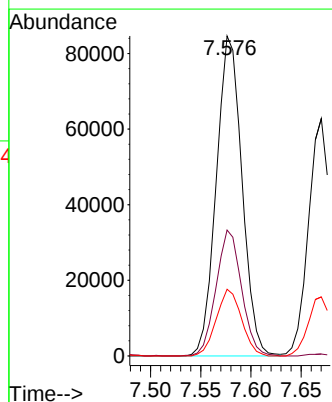
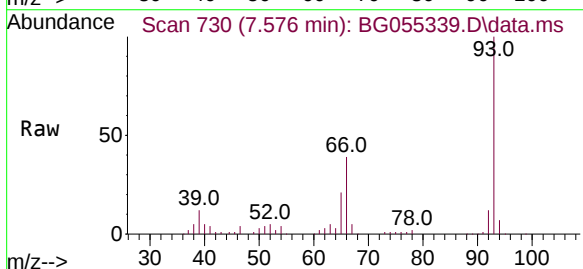
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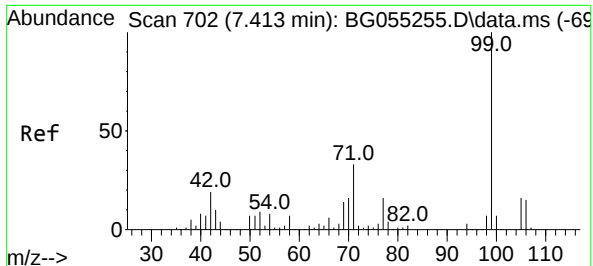
Reviewed By :Christian Giraldo 10/31/2022
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#6
Aniline
Concen: 40.372 ng
RT: 7.576 min Scan# 730
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

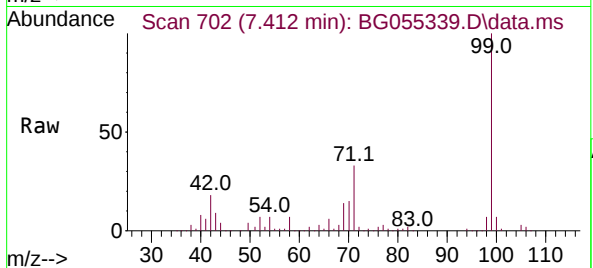
Tgt Ion: 93 Resp: 150870
Ion Ratio Lower Upper
93 100
66 39.3 31.6 47.4
65 20.8 16.0 24.0





#7
Phenol-d6
Concen: 140.752 ng
RT: 7.412 min Scan# 702
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

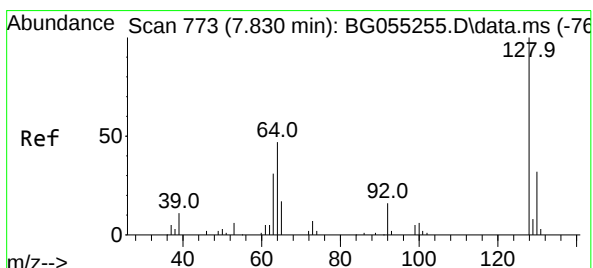
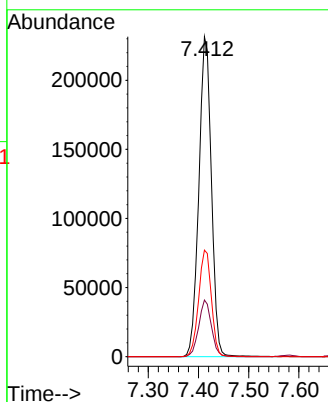
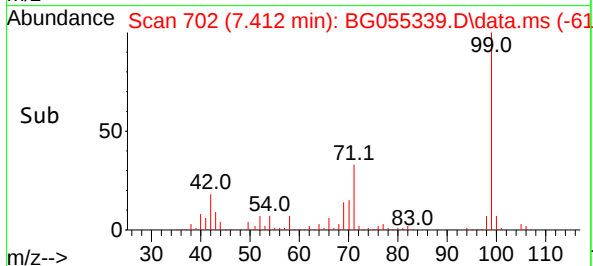
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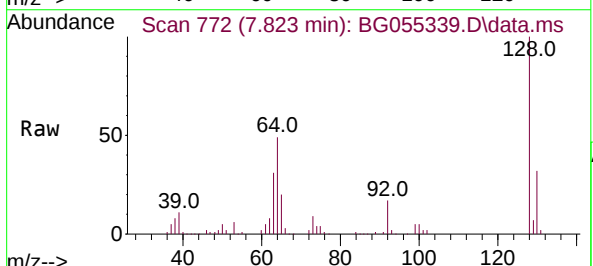
Tgt Ion: 99 Resp: 401796
Ion Ratio Lower Upper
99 100
42 17.7 15.2 22.8
71 33.3 26.2 39.4

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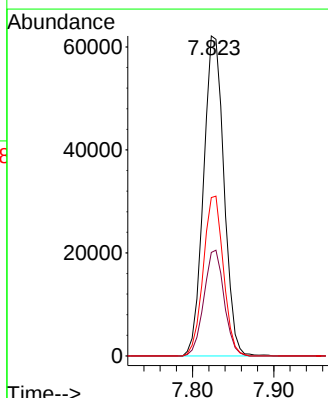
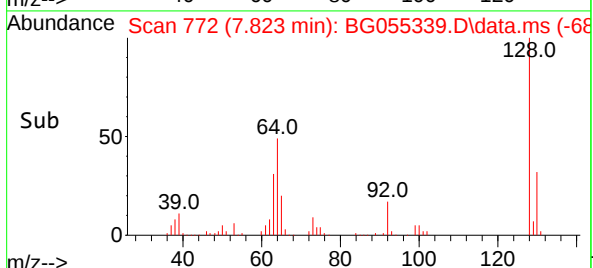
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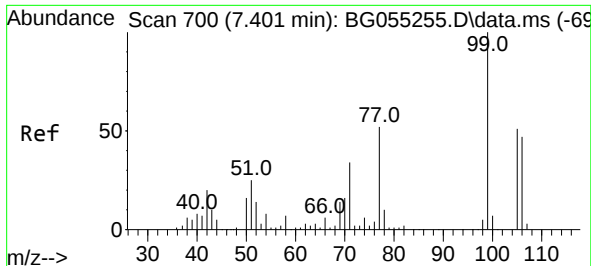


#8
2-Chlorophenol
Concen: 47.444 ng
RT: 7.823 min Scan# 772
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09



Tgt Ion:128 Resp: 108684
Ion Ratio Lower Upper
128 100
130 32.3 12.4 52.4
64 49.5 33.2 73.2





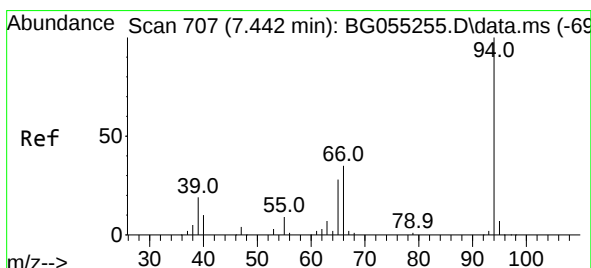
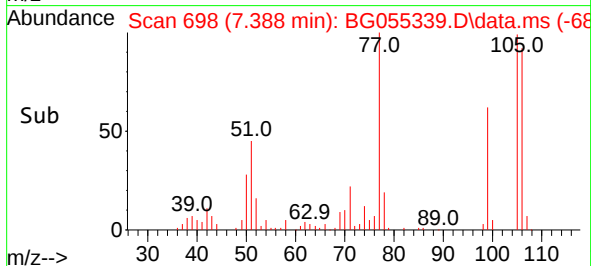
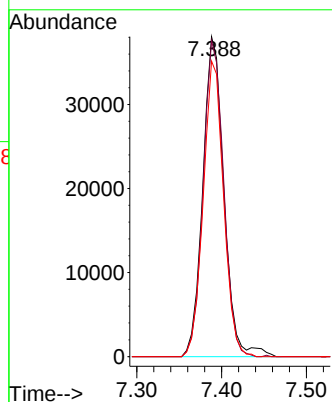
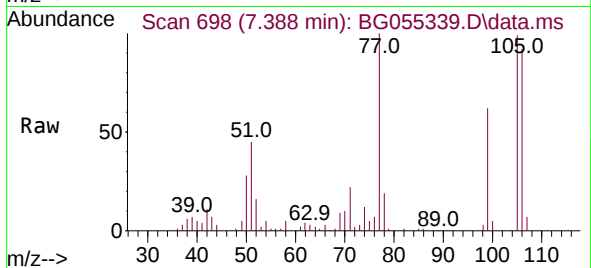
#9
Benzaldehyde
Concen: 33.649 ng m
RT: 7.388 min Scan# 69
Delta R.T. -0.007 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Instrument :
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ClientSampleId :
PB148450BS

Tgt Ion: 77 Resp: 65585
Ion Ratio Lower Upper
77 100
105 98.8 77.9 117.9
106 92.3 69.9 109.9

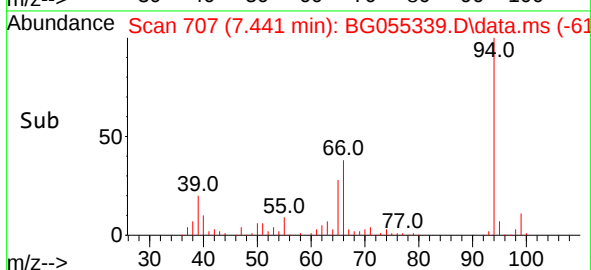
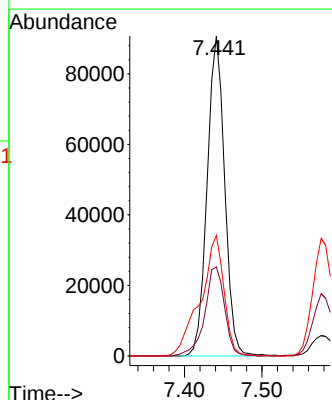
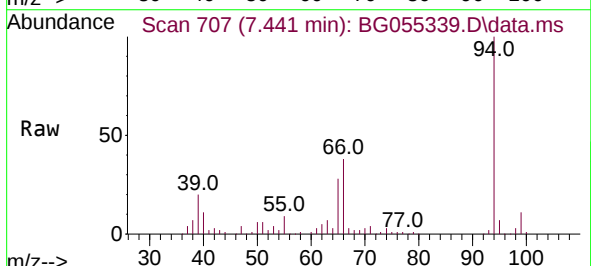
Manual Integrations
APPROVED

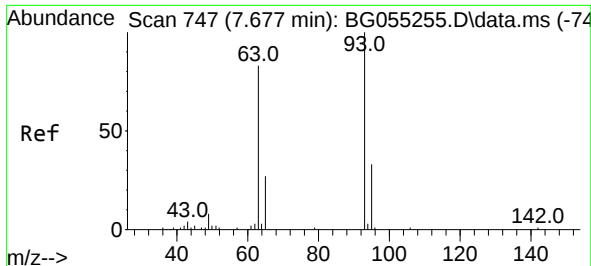
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#10
Phenol
Concen: 44.478 ng
RT: 7.441 min Scan# 707
Delta R.T. 0.005 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Tgt Ion: 94 Resp: 142218
Ion Ratio Lower Upper
94 100
65 27.8 8.4 48.4
66 37.6 16.3 56.3





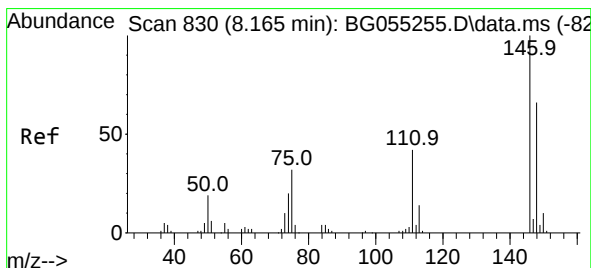
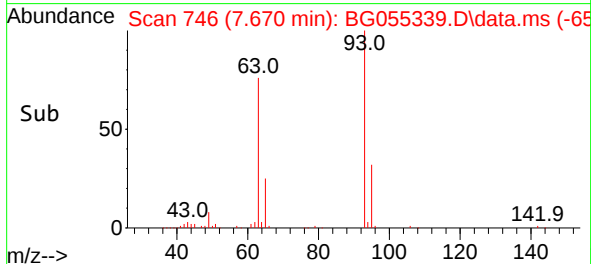
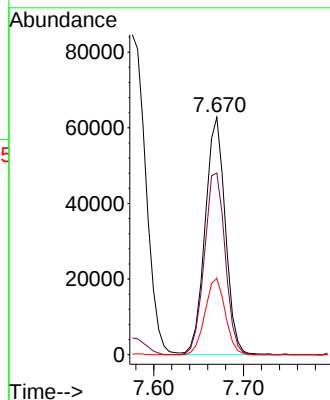
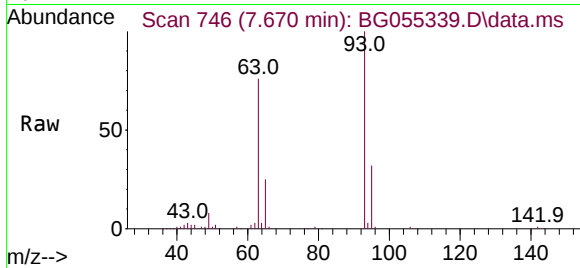
#11
bis(2-Chloroethyl)ether
Concen: 40.597 ng
RT: 7.670 min Scan# 747
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Instrument :
BNA_G
ClientSampleId :
PB148450BS

Tgt Ion: 93 Resp: 97990
Ion Ratio Lower Upper
93 100
63 76.5 62.0 102.0
95 32.1 12.4 52.4

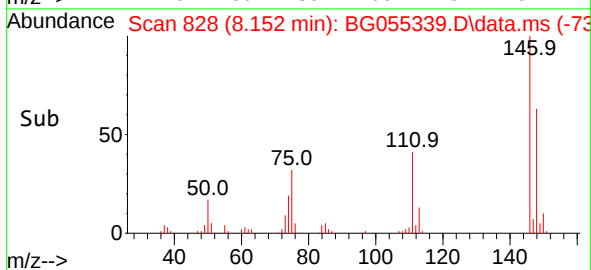
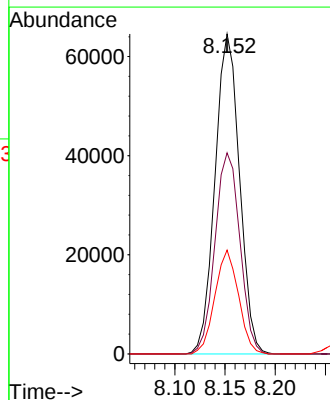
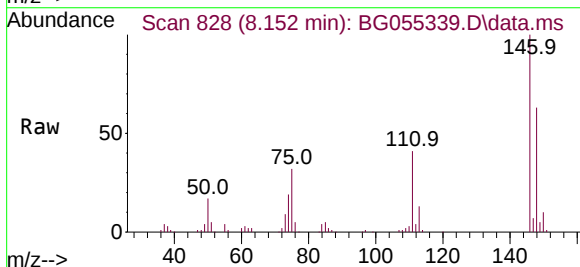
Manual Integrations
APPROVED

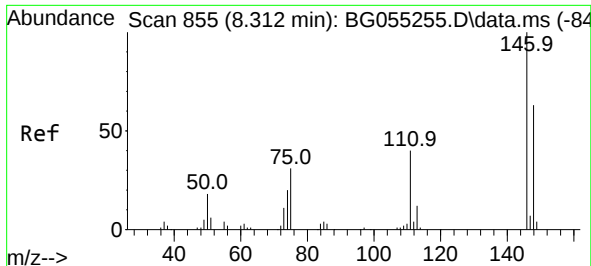
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#12
1,3-Dichlorobenzene
Concen: 43.883 ng
RT: 8.152 min Scan# 828
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Tgt Ion:146 Resp: 109684
Ion Ratio Lower Upper
146 100
148 62.9 52.9 79.3
75 32.4 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 43.650 ng

RT: 8.299 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG055339.D

Acq: 28 Oct 2022 13:09

Instrument :

BNA_G

ClientSampleId :

PB148450BS

Tgt Ion:146 Resp: 111436

Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

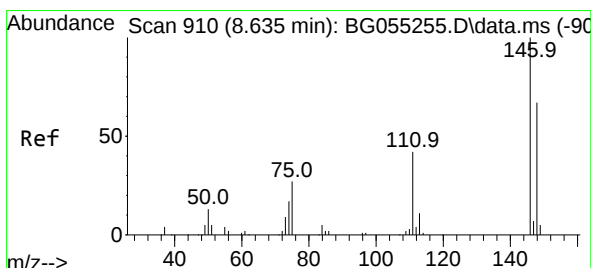
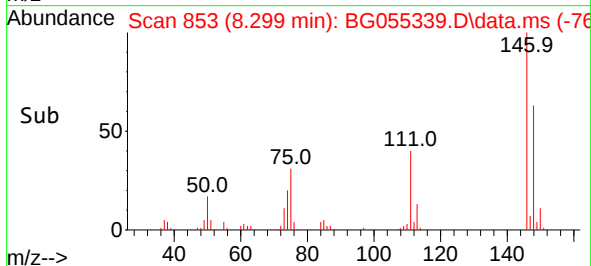
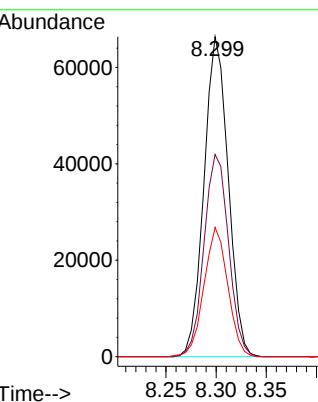
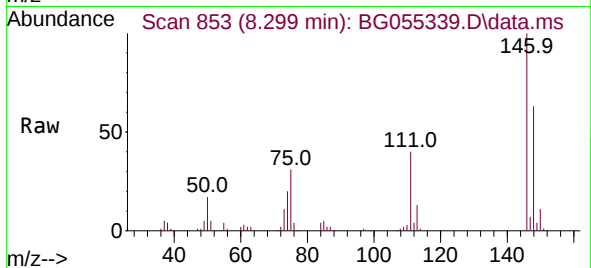
111 40.4 32.4 48.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#14

1,2-Dichlorobenzene

Concen: 44.324 ng

RT: 8.622 min Scan# 908

Delta R.T. -0.001 min

Lab File: BG055339.D

Acq: 28 Oct 2022 13:09

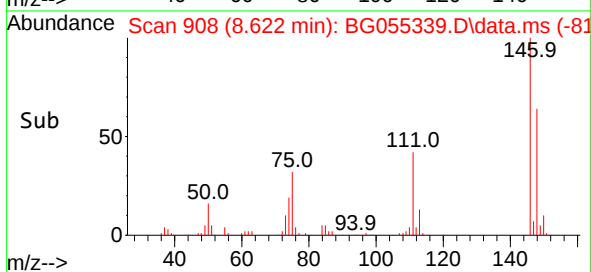
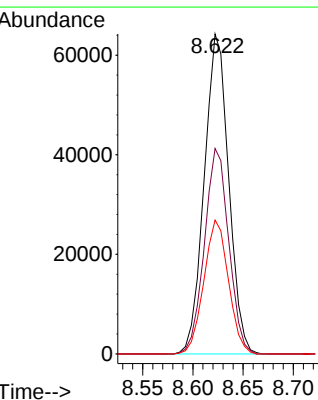
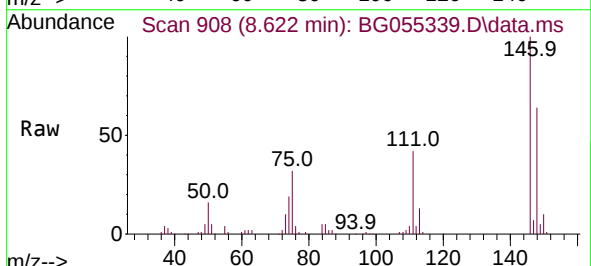
Tgt Ion:146 Resp: 108947

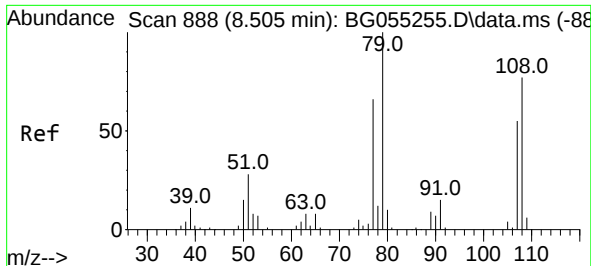
Ion Ratio Lower Upper

146 100

148 64.2 53.4 80.0

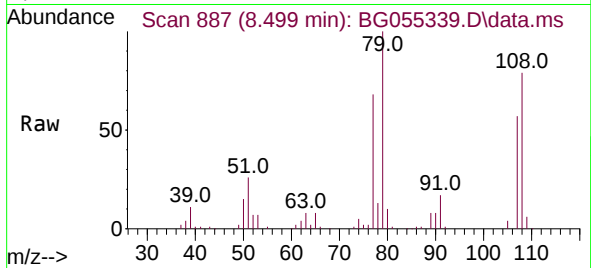
111 41.8 34.0 51.0





#15
Benzyl Alcohol
Concen: 42.442 ng m
RT: 8.499 min Scan# 888
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

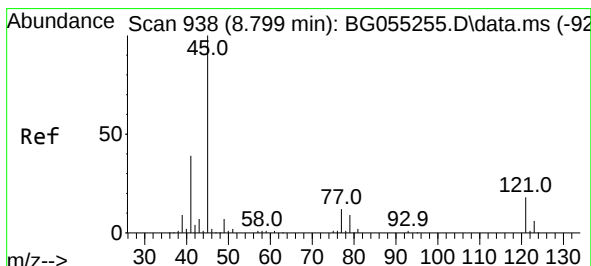
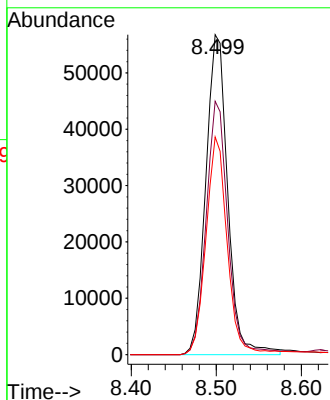
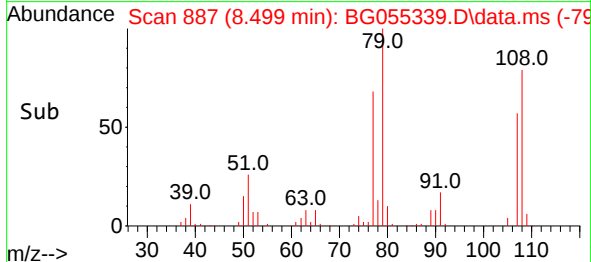
Instrument :
BNA_G
ClientSampleId :
PB148450BS



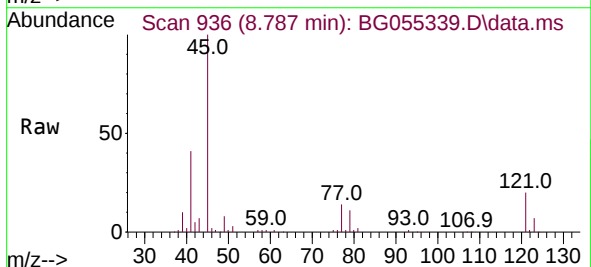
Tgt Ion: 79 Resp: 101388
Ion Ratio Lower Upper
79 100
108 79.2 61.3 91.9
77 68.0 52.7 79.1

Manual Integrations
APPROVED

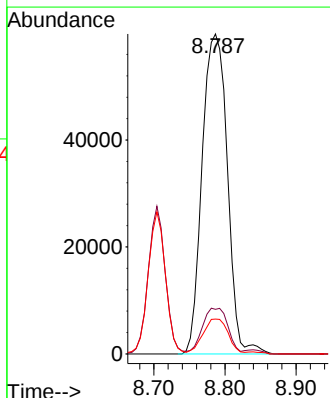
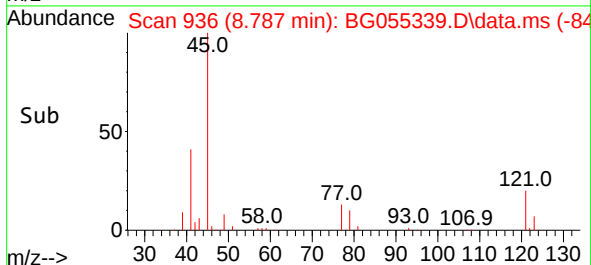
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

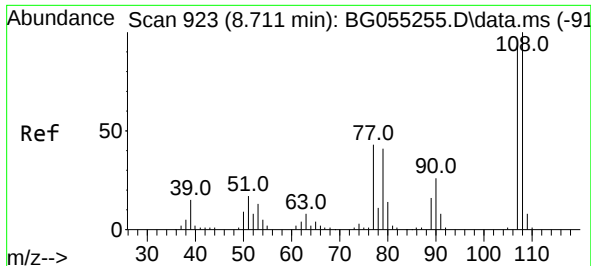


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.301 ng
RT: 8.787 min Scan# 936
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09



Tgt Ion: 45 Resp: 147343
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.9
79 10.9 0.0 29.6





#17
2-Methylphenol
Concen: 44.588 ng
RT: 8.704 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Instrument :

BNA_G

ClientSampleId :

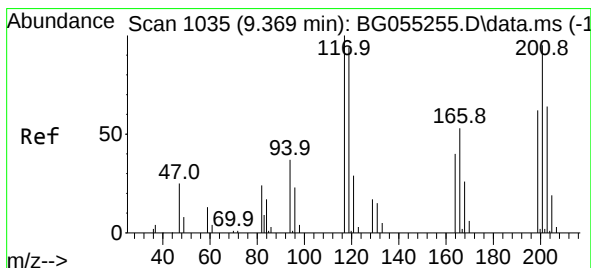
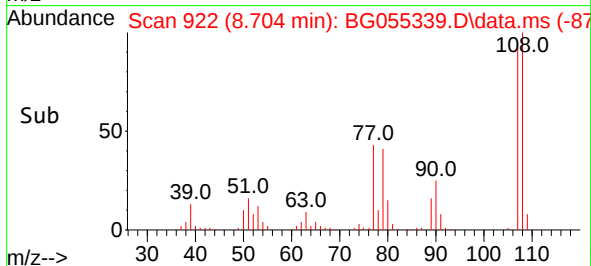
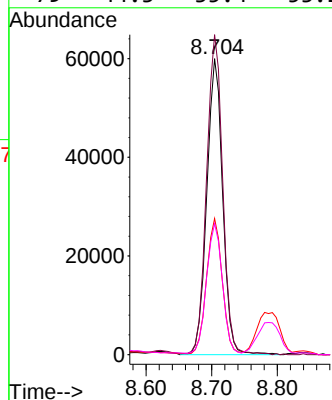
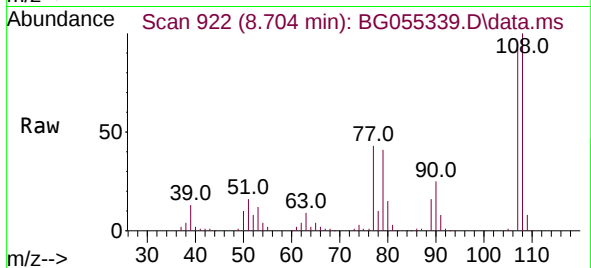
PB148450BS

Tgt Ion:107 Resp: 100828
Ion Ratio Lower Upper
107 100
108 108.1 86.0 129.0
77 46.0 37.4 56.0
79 44.3 35.4 53.2

Manual Integrations

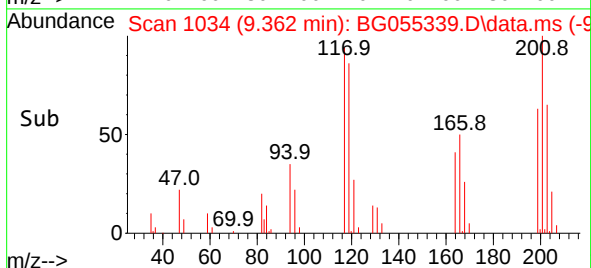
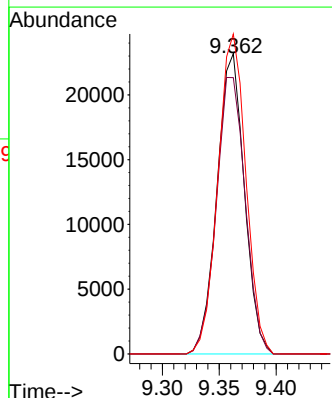
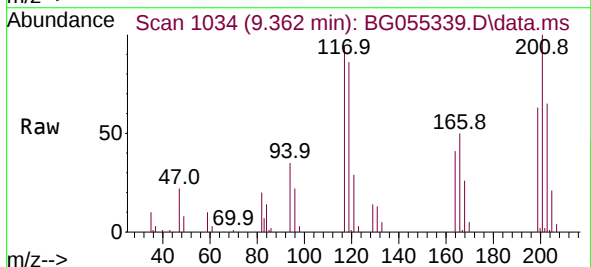
APPROVED

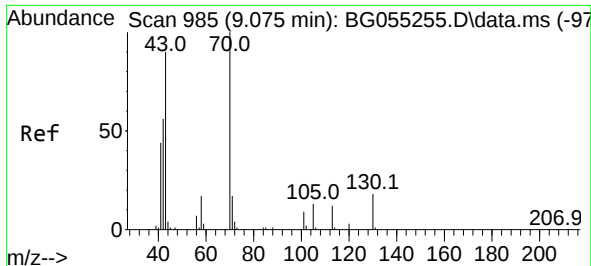
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#18
Hexachloroethane
Concen: 42.658 ng
RT: 9.362 min Scan# 1034
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Tgt Ion:117 Resp: 38779
Ion Ratio Lower Upper
117 100
119 92.0 75.4 113.2
201 106.6 75.8 113.8





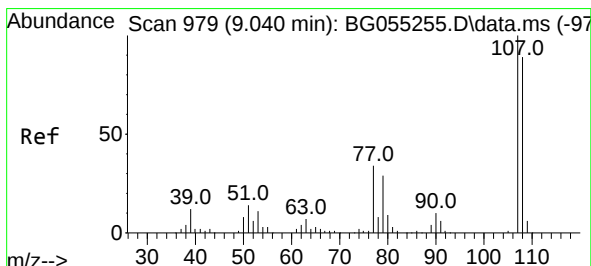
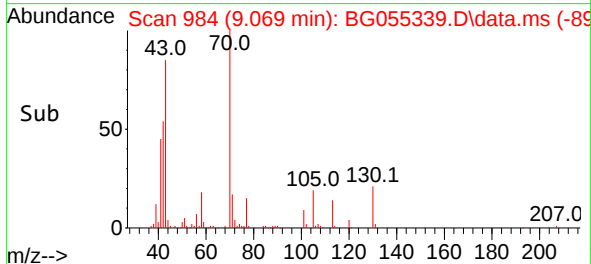
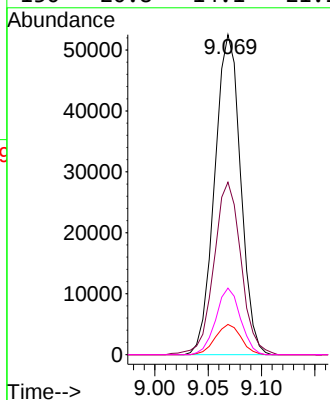
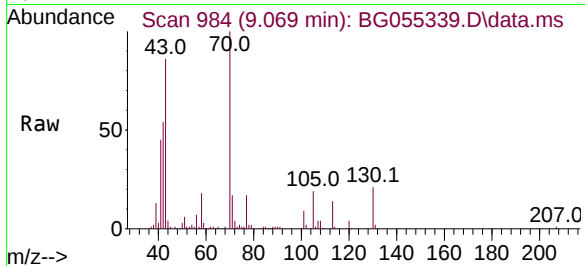
#19
n-Nitroso-di-n-propylamine
Concen: 37.500 ng
RT: 9.069 min Scan# 985
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Instrument :
BNA_G
ClientSampleId :
PB148450BS

Tgt Ion: 70 Resp: 88894
Ion Ratio Lower Upper
70 100
42 53.9 45.8 68.6
101 9.4 7.4 11.0
130 20.8 14.1 21.1

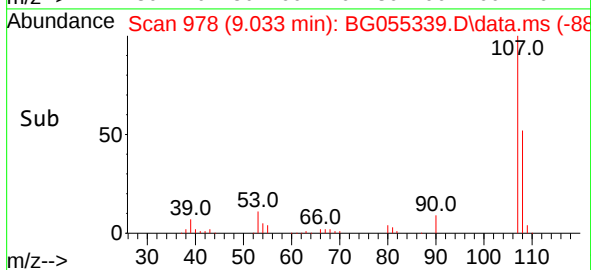
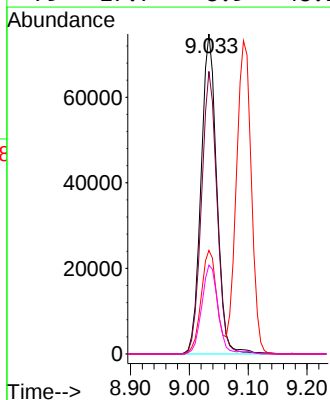
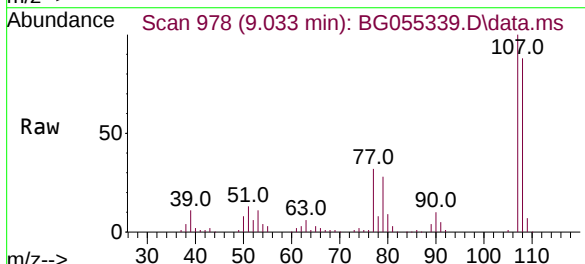
Manual Integrations
APPROVED

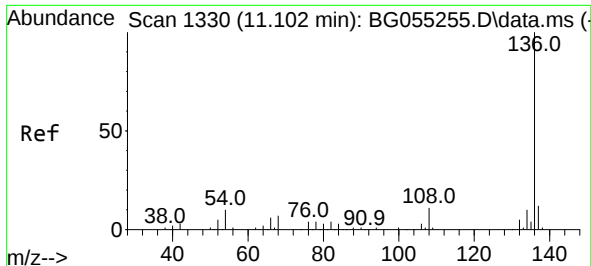
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#20
3+4-Methylphenols
Concen: 42.940 ng
RT: 9.033 min Scan# 978
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Tgt Ion:107 Resp: 139075
Ion Ratio Lower Upper
107 100
108 88.3 68.5 108.5
77 32.3 14.0 54.0
79 27.7 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.096 min Scan# 1330
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Instrument :

BNA_G

ClientSampleId :

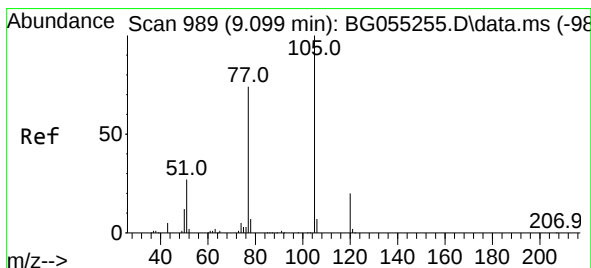
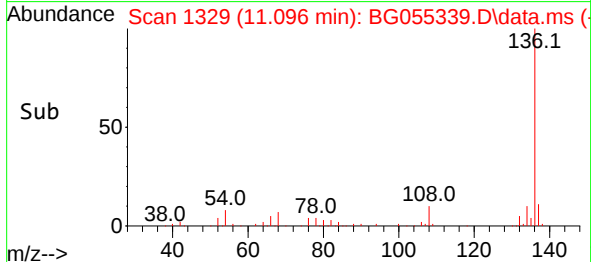
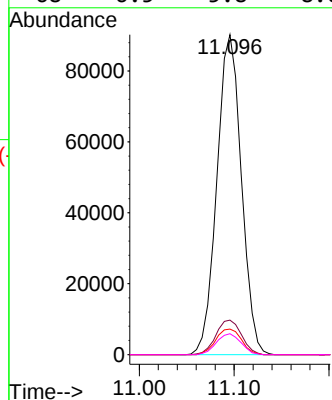
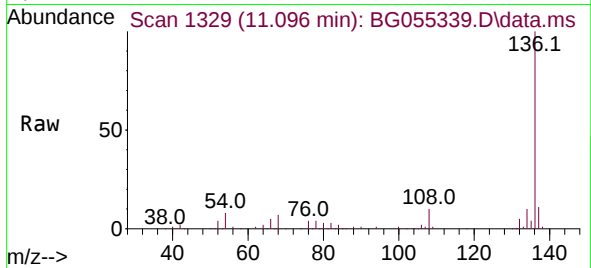
PB148450BS

Tgt Ion:136 Resp: 161850
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 8.0 7.8 11.8
68 6.5 5.8 8.6

Manual Integrations

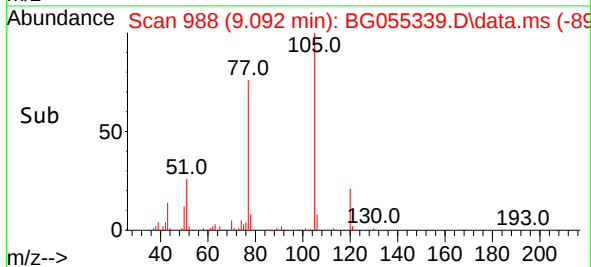
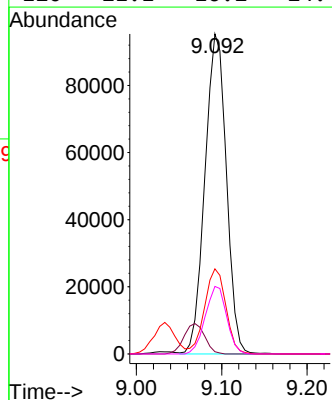
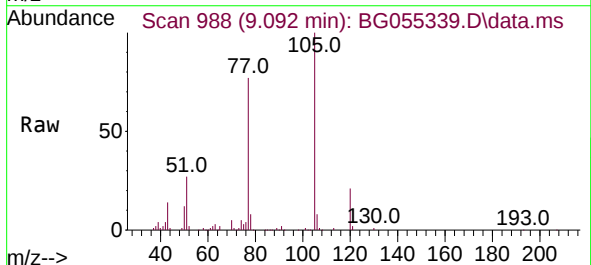
APPROVED

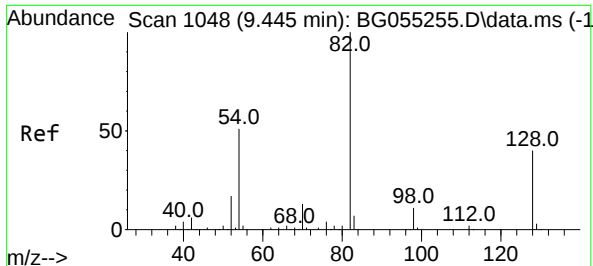
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#22
Acetophenone
Concen: 40.251 ng
RT: 9.092 min Scan# 988
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Tgt Ion:105 Resp: 166550
Ion Ratio Lower Upper
105 100
71 0.7 0.8 1.2#
51 26.6 22.9 34.3
120 21.1 16.2 24.4





#23

Nitrobenzene-d5

Concen: 77.030 ng

RT: 9.439 min Scan# 1047

Delta R.T. -0.001 min

Lab File: BG055339.D

Acq: 28 Oct 2022 13:09

Instrument :

BNA_G

ClientSampleId :

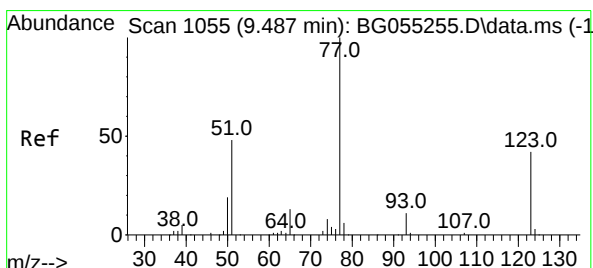
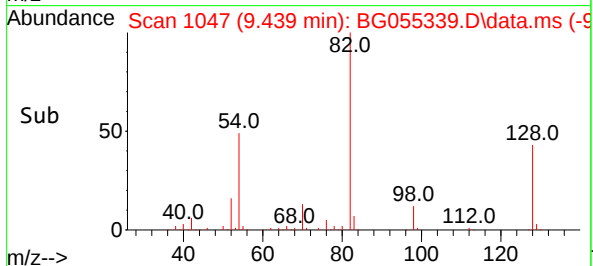
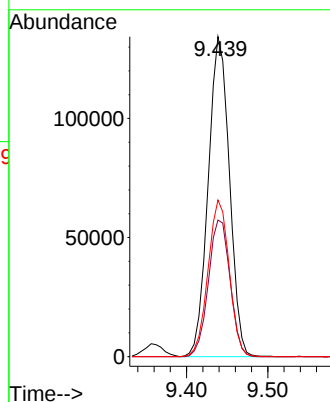
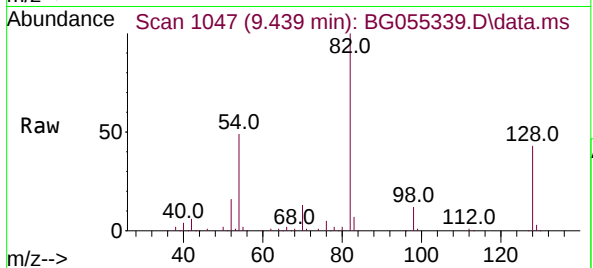
PB148450BS

Tgt Ion: 82 Resp: 244153
 Ion Ratio Lower Upper
 82 100
 128 42.7 32.0 48.0
 54 48.9 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: 38.096 ng

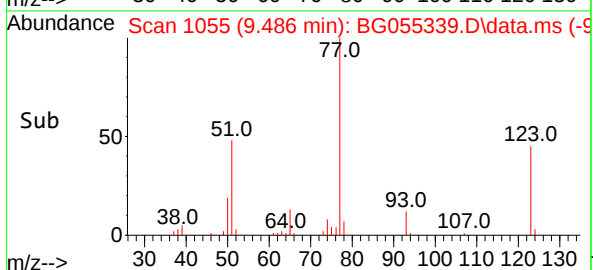
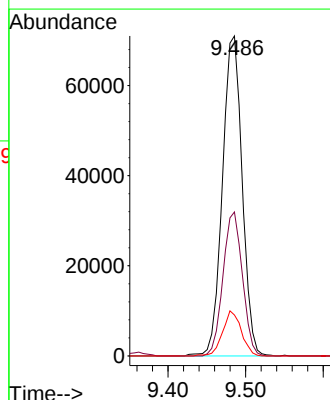
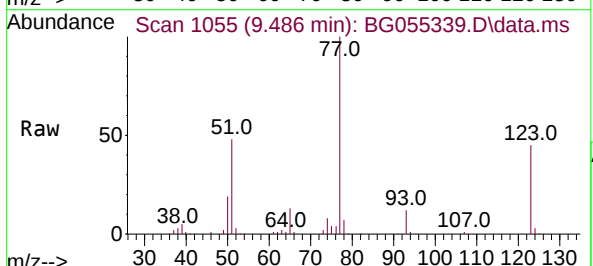
RT: 9.486 min Scan# 1055

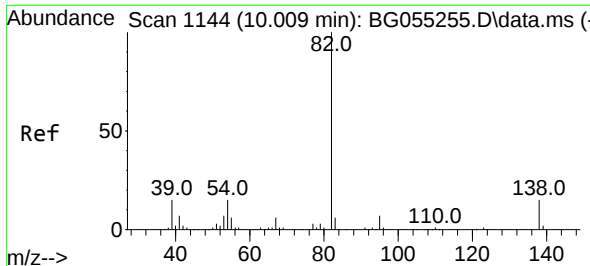
Delta R.T. -0.001 min

Lab File: BG055339.D

Acq: 28 Oct 2022 13:09

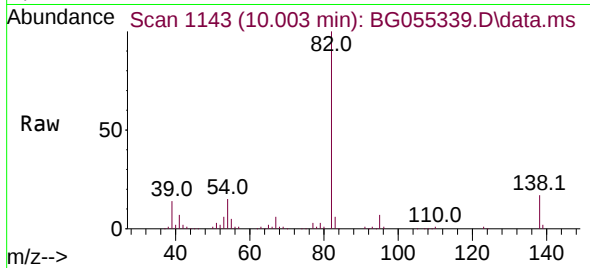
Tgt Ion: 77 Resp: 125730
 Ion Ratio Lower Upper
 77 100
 123 45.0 33.6 50.4
 65 12.8 10.2 15.4





#25
Isophorone
Concen: 38.572 ng
RT: 10.003 min Scan# 1143
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

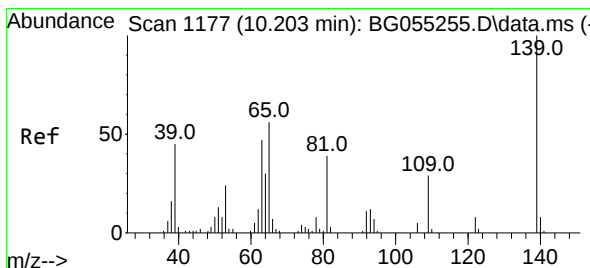
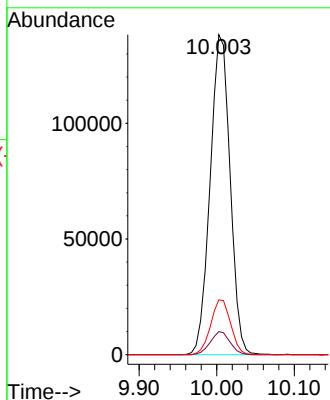
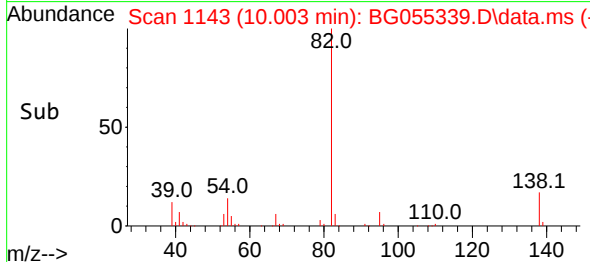
Instrument :
BNA_G
ClientSampleId :
PB148450BS



Tgt Ion: 82 Resp: 246943
Ion Ratio Lower Upper
82 100
95 7.2 5.2 7.8
138 17.1 12.2 18.4

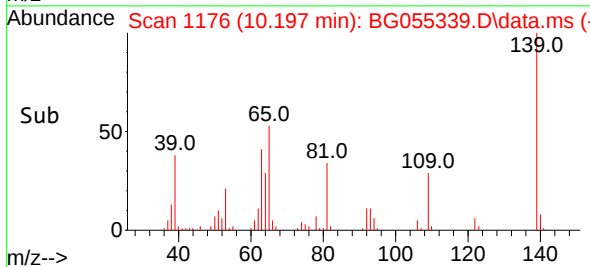
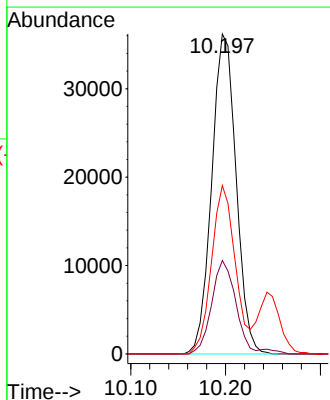
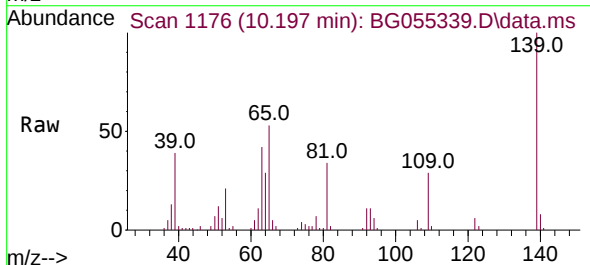
Manual Integrations
APPROVED

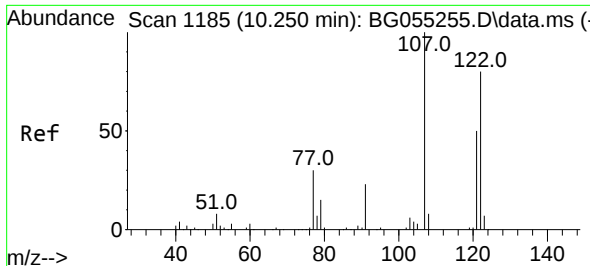
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#26
2-Nitrophenol
Concen: 44.757 ng
RT: 10.197 min Scan# 1176
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Tgt Ion:139 Resp: 64686
Ion Ratio Lower Upper
139 100
109 29.2 23.3 34.9
65 52.6 45.2 67.8





#27

2,4-Dimethylphenol

Concen: 48.873 ng

RT: 10.244 min Scan# 1184

Delta R.T. -0.001 min

Lab File: BG055339.D

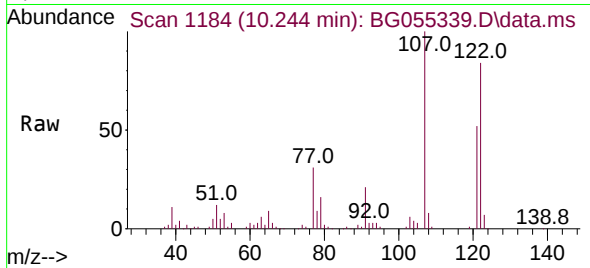
Acq: 28 Oct 2022 13:09

Instrument :

BNA_G

ClientSampleId :

PB148450BS



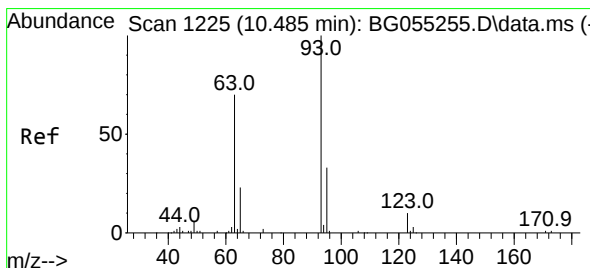
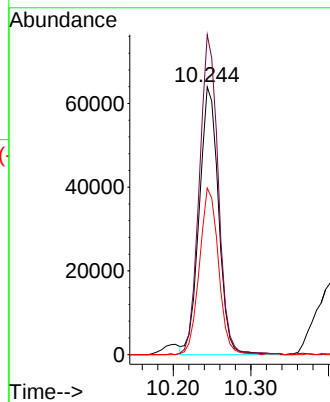
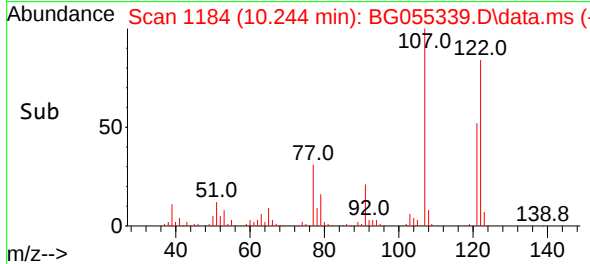
Tgt Ion:	122	Resp:	110272
Ion Ratio	100	Lower	Upper
122	100		
107	119.5	97.3	145.9
121	62.2	48.5	72.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#28

bis(2-Chloroethoxy)methane

Concen: 43.874 ng

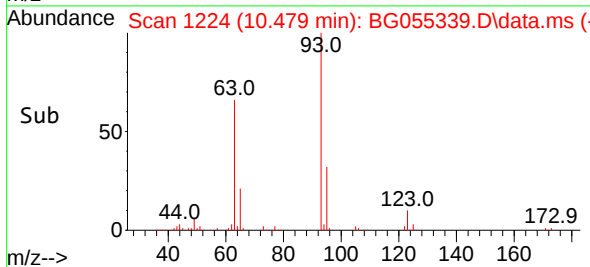
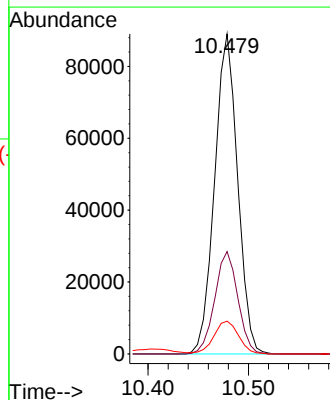
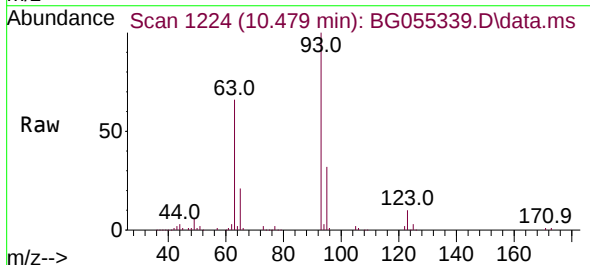
RT: 10.479 min Scan# 1224

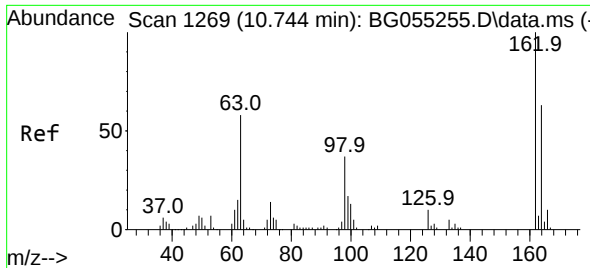
Delta R.T. -0.001 min

Lab File: BG055339.D

Acq: 28 Oct 2022 13:09

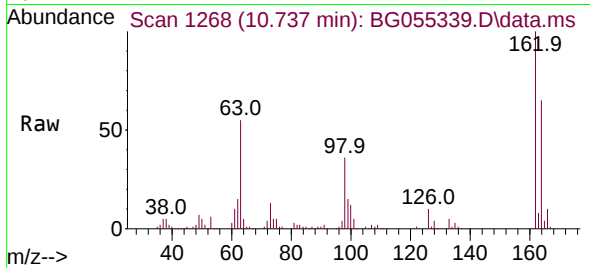
Tgt Ion:	93	Resp:	141820
Ion Ratio	100	Lower	Upper
93	100		
95	32.0	26.3	39.5
123	10.2	7.9	11.9





#29
2,4-Dichlorophenol
Concen: 45.991 ng
RT: 10.737 min Scan# 1268
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

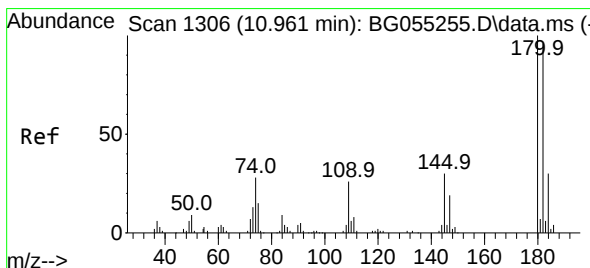
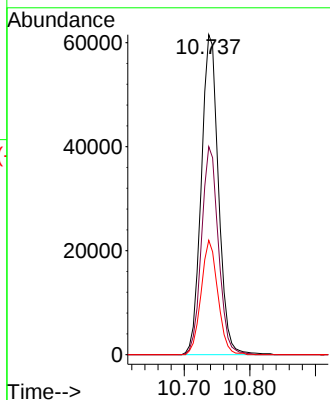
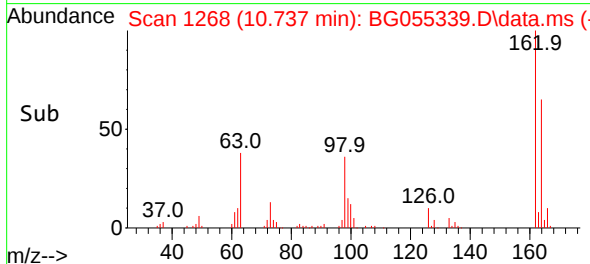
Instrument :
BNA_G
ClientSampleId :
PB148450BS



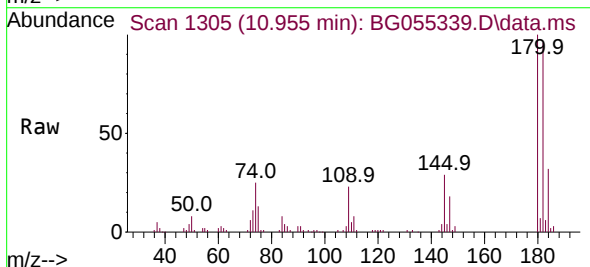
Tgt Ion:162 Resp: 11132
Ion Ratio Lower Upper
162 100
164 65.0 42.9 82.9
98 35.7 17.3 57.3

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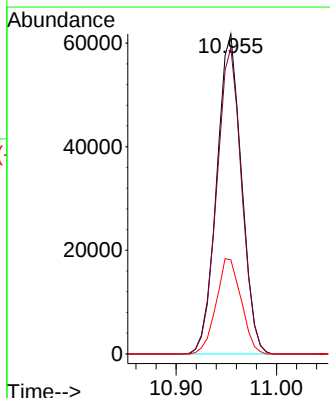
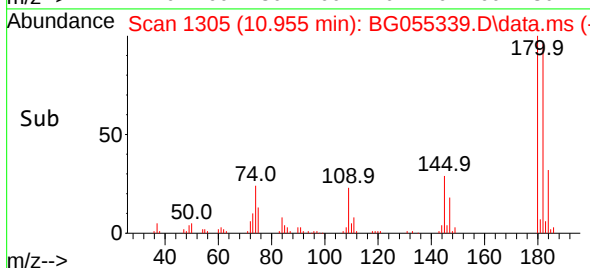
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

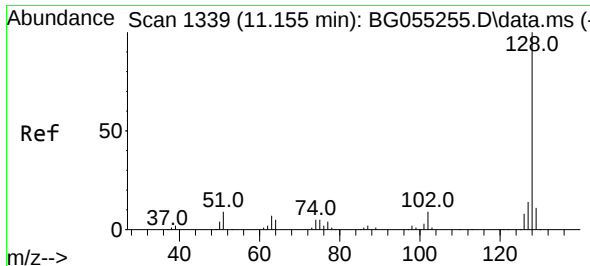


#30
1,2,4-Trichlorobenzene
Concen: 42.928 ng
RT: 10.955 min Scan# 1305
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09



Tgt Ion:180 Resp: 106049
Ion Ratio Lower Upper
180 100
182 95.7 76.4 114.6
145 29.4 24.4 36.6





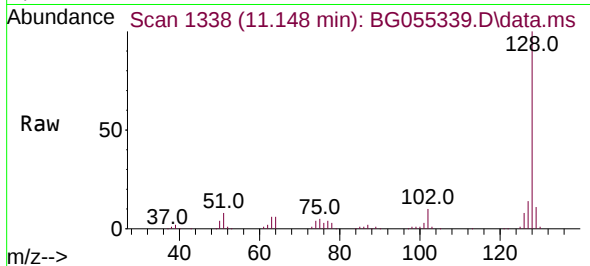
#31
Naphthalene
Concen: 39.067 ng
RT: 11.148 min Scan# 1339
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Instrument :

BNA_G

ClientSampleId :

PB148450BS

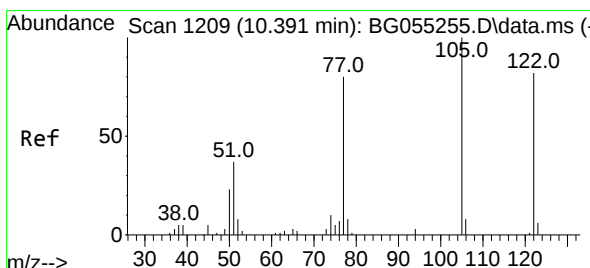
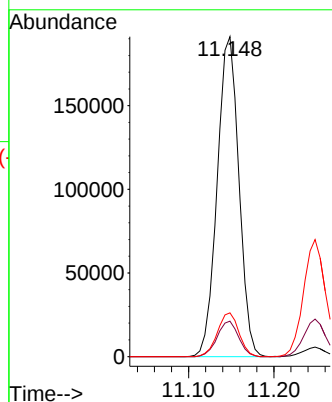
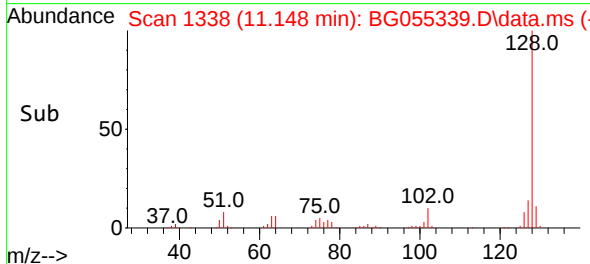


Tgt Ion:128 Resp: 337315
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.7 11.1 16.7

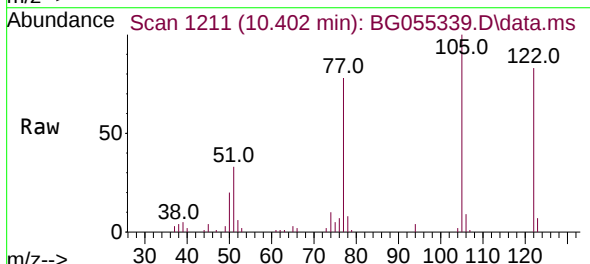
Manual Integrations

APPROVED

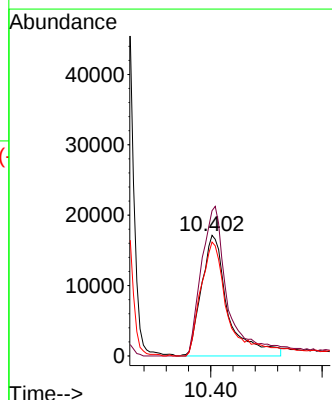
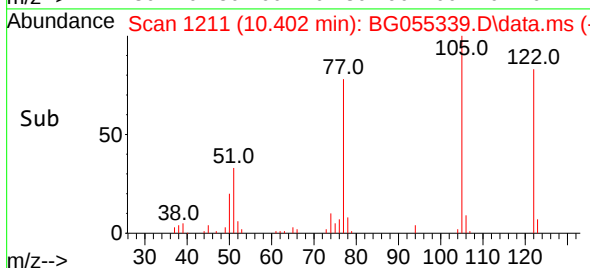
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

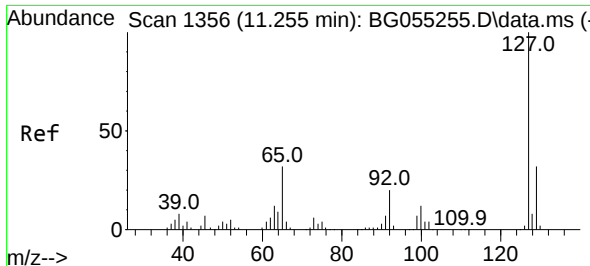


#32
Benzoic acid
Concen: 34.564 ng m
RT: 10.402 min Scan# 1211
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09



Tgt Ion:122 Resp: 56753
Ion Ratio Lower Upper
122 100
105 120.4 101.3 141.3
77 94.4 76.9 116.9





#33
4-Chloroaniline
Concen: 34.693 ng
RT: 11.248 min Scan# 1355
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Instrument :

BNA_G

ClientSampleId :

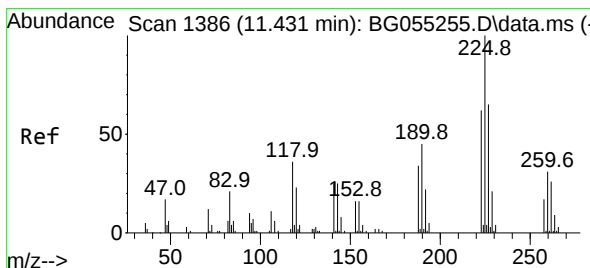
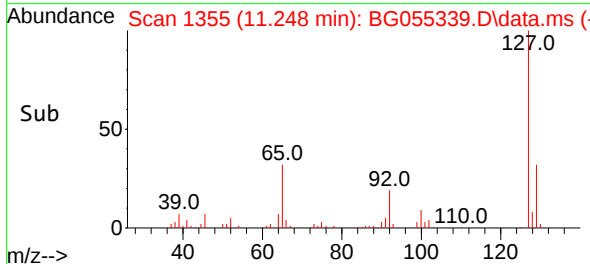
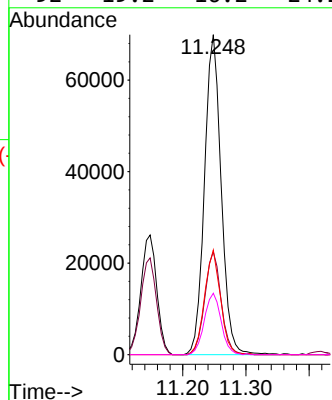
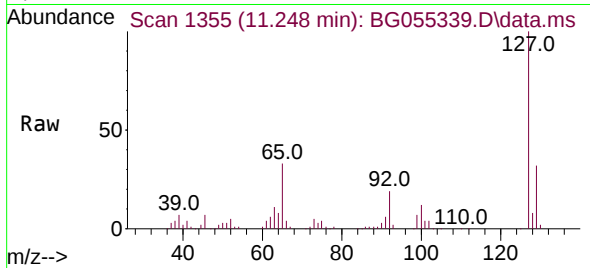
PB148450BS

Tgt Ion:127 Resp: 128062
Ion Ratio Lower Upper
127 100
129 32.1 25.4 38.0
65 32.7 25.5 38.3
92 19.2 16.2 24.2

Manual Integrations

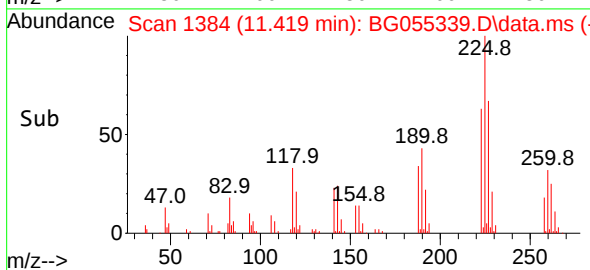
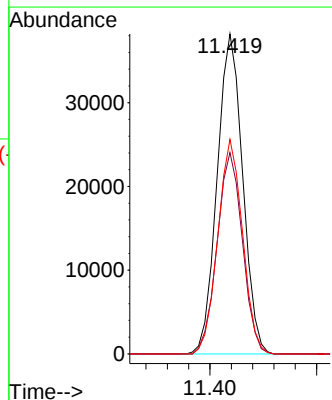
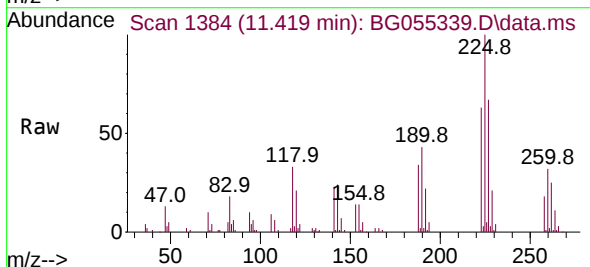
APPROVED

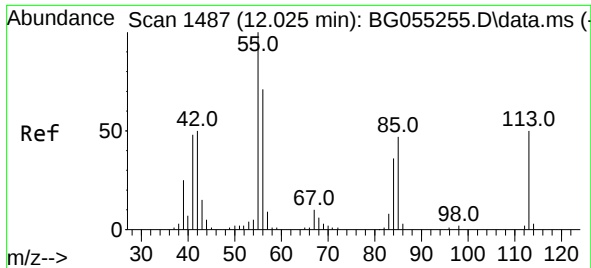
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#34
Hexachlorobutadiene
Concen: 45.010 ng
RT: 11.419 min Scan# 1384
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

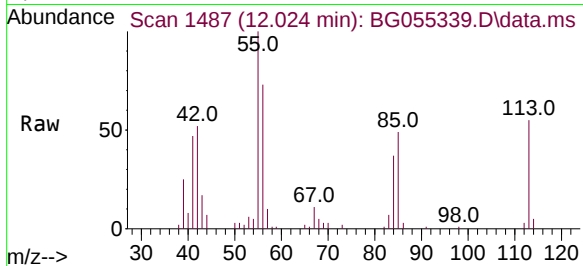
Tgt Ion:225 Resp: 63531
Ion Ratio Lower Upper
225 100
223 62.9 49.4 74.2
227 67.0 52.4 78.6





#35
 Caprolactam
 Concen: 38.493 ng m
 RT: 12.024 min Scan# 1487
 Delta R.T. -0.001 min
 Lab File: BG055339.D
 Acq: 28 Oct 2022 13:09

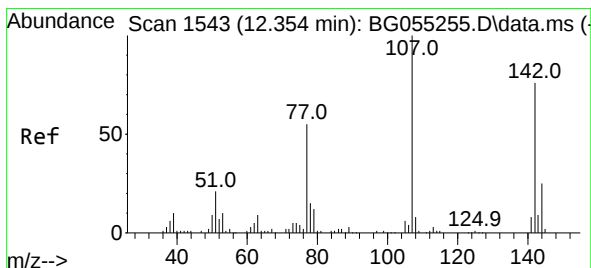
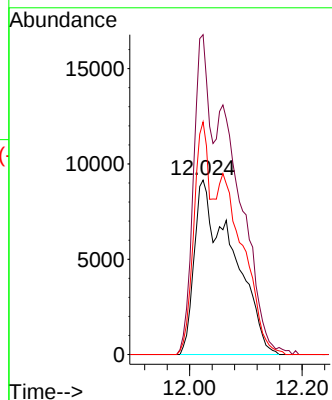
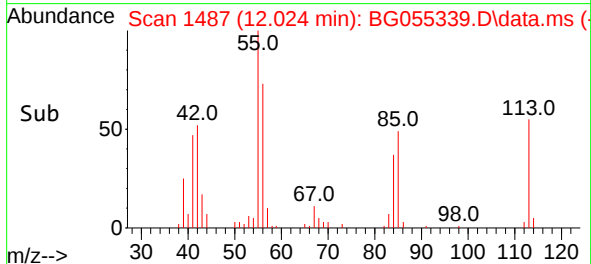
Instrument :
 BNA_G
 ClientSampleId :
 PB148450BS



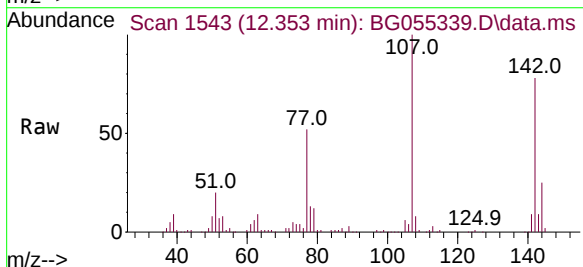
Tgt Ion:113 Resp: 43242
 Ion Ratio Lower Upper
 113 100
 55 183.5 178.2 218.2
 56 133.4 121.0 161.0

Manual Integrations
 APPROVED

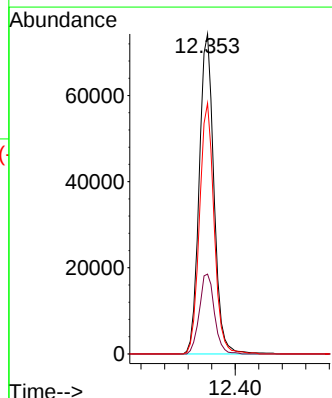
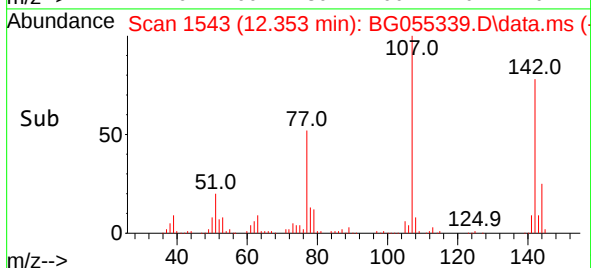
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022

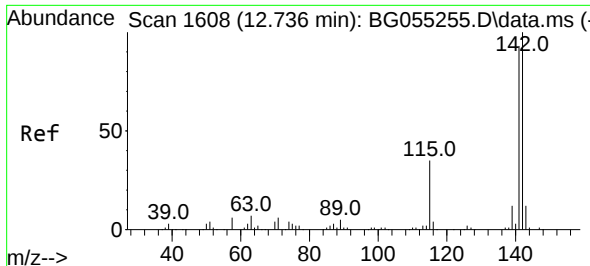


#36
 4-Chloro-3-methylphenol
 Concen: 42.173 ng
 RT: 12.353 min Scan# 1543
 Delta R.T. -0.001 min
 Lab File: BG055339.D
 Acq: 28 Oct 2022 13:09



Tgt Ion:107 Resp: 128446
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.3 30.5
 142 78.3 60.5 90.7





#37

2-Methylnaphthalene

Concen: 39.129 ng

RT: 12.729 min Scan# 1607

Delta R.T. -0.001 min

Lab File: BG055339.D

Acq: 28 Oct 2022 13:09

Instrument :

BNA_G

ClientSampleId :

PB148450BS

Tgt Ion:142 Resp: 243580

Ion Ratio Lower Upper

142 100

141 92.7 74.0 111.0

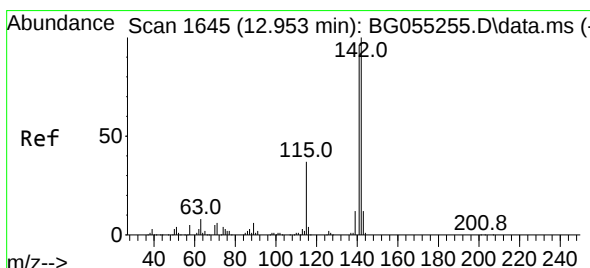
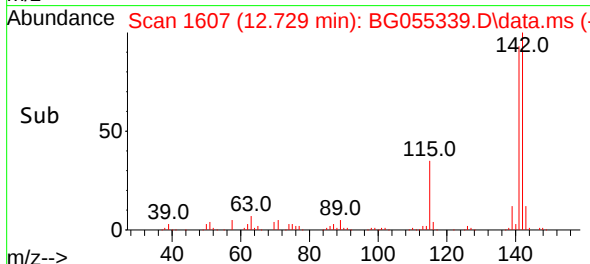
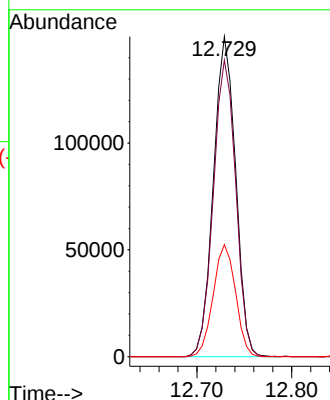
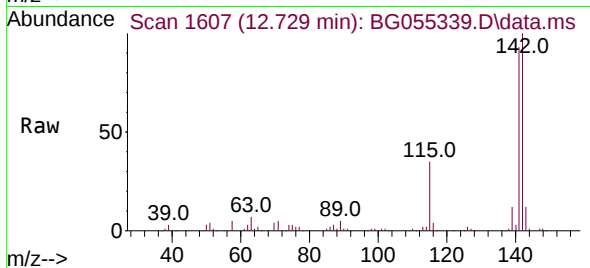
115 35.0 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#38

1-Methylnaphthalene

Concen: 38.218 ng

RT: 12.946 min Scan# 1644

Delta R.T. -0.001 min

Lab File: BG055339.D

Acq: 28 Oct 2022 13:09

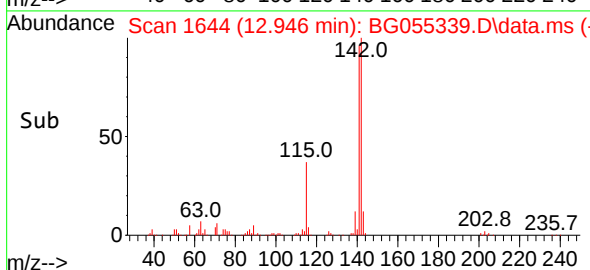
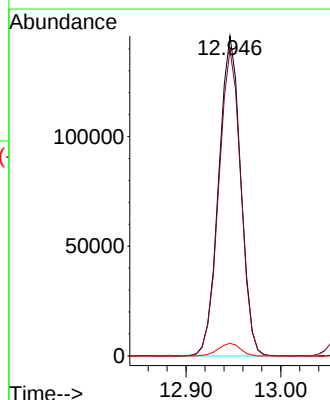
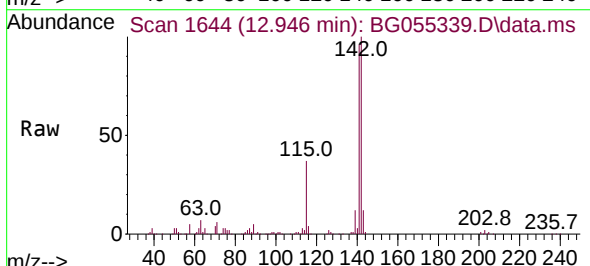
Tgt Ion:142 Resp: 234714

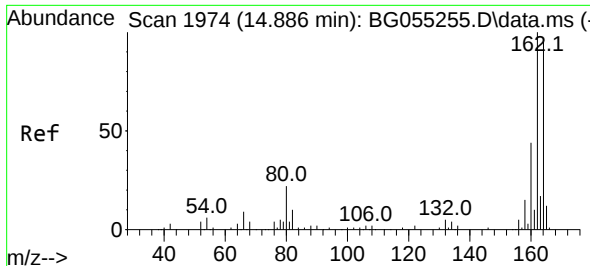
Ion Ratio Lower Upper

142 100

141 95.7 77.1 115.7

116 3.9 3.0 4.6





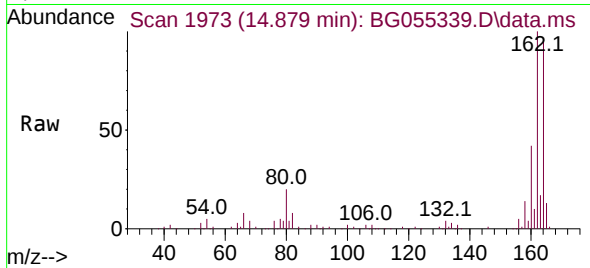
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.879 min Scan# 1974
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Instrument :

BNA_G

ClientSampleId :

PB148450BS

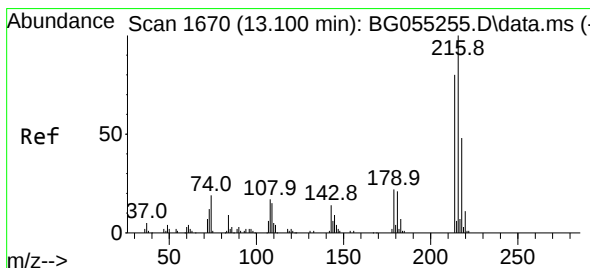
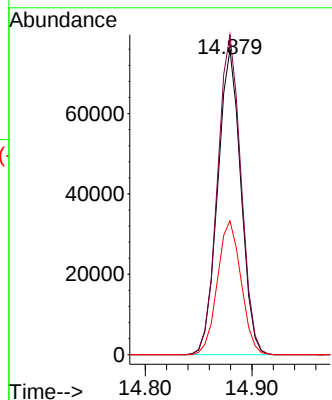
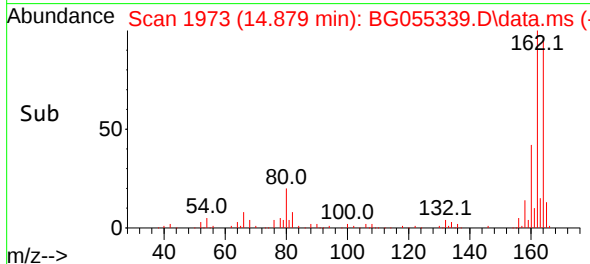


Tgt Ion:164 Resp: 114478
Ion Ratio Lower Upper
164 100
162 104.9 84.0 126.0
160 43.9 36.7 55.1

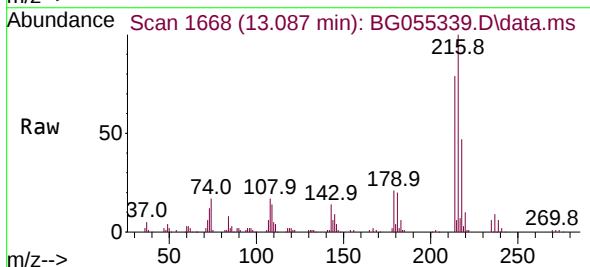
Manual Integrations

APPROVED

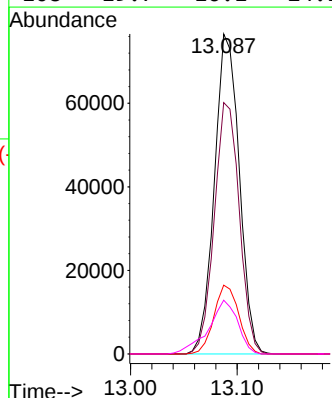
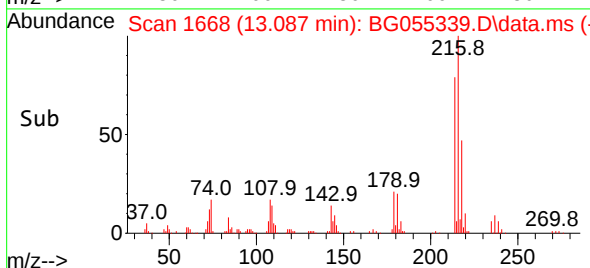
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

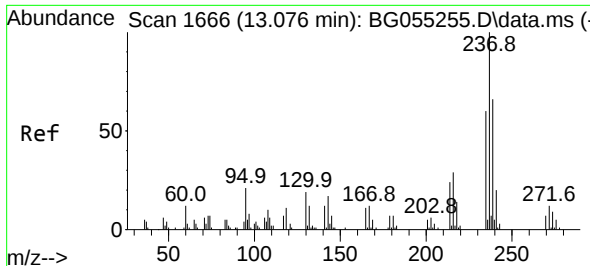


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.998 ng
RT: 13.087 min Scan# 1668
Delta R.T. -0.007 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09



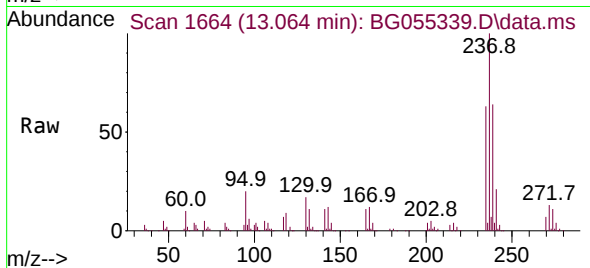
Tgt Ion:216 Resp: 124243
Ion Ratio Lower Upper
216 100
214 78.8 63.4 95.2
179 21.4 17.2 25.8
108 19.7 16.1 24.1





#41
Hexachlorocyclopentadiene
Concen: 102.881 ng
RT: 13.064 min Scan# 1664
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

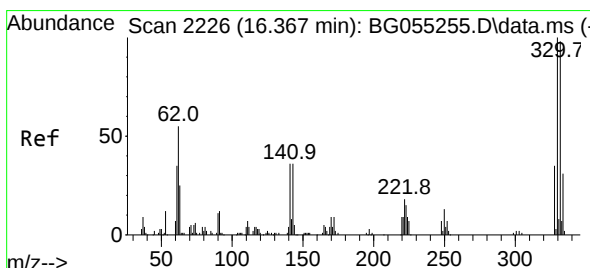
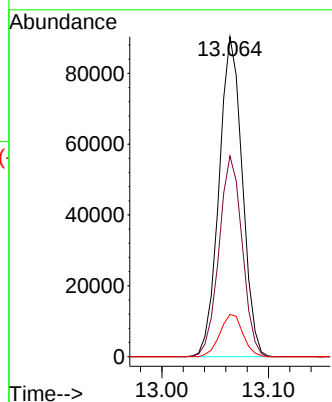
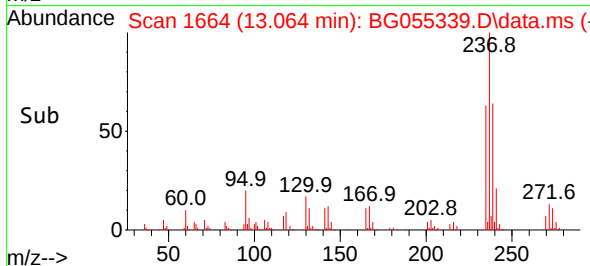
Instrument :
BNA_G
ClientSampleId :
PB148450BS



Tgt Ion:237 Resp: 137030
Ion Ratio Lower Upper
237 100
235 62.7 40.4 80.4
272 13.2 0.0 31.7

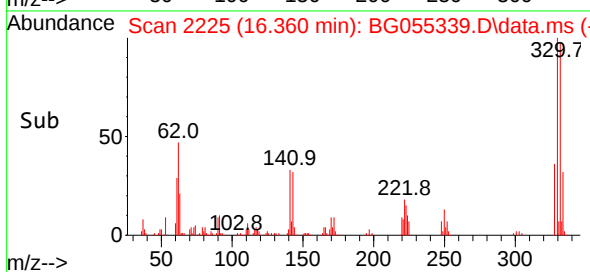
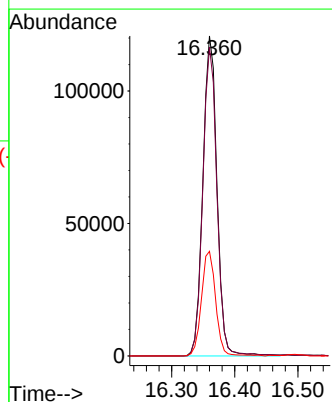
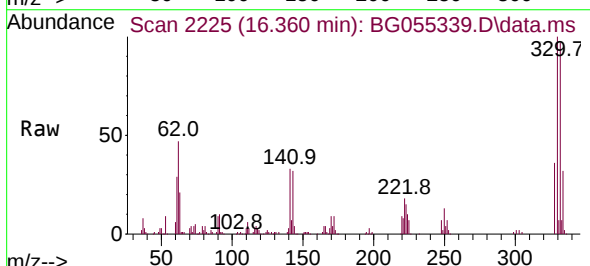
Manual Integrations
APPROVED

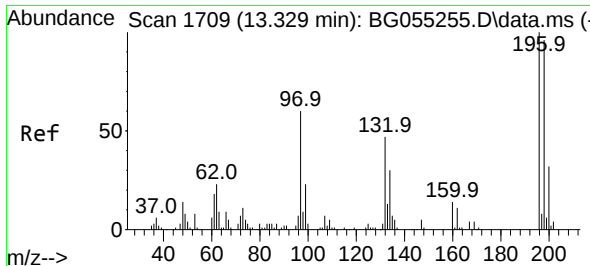
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#42
2,4,6-Tribromophenol
Concen: 150.254 ng
RT: 16.360 min Scan# 2225
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

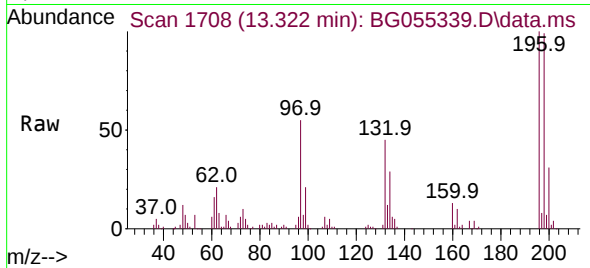
Tgt Ion:330 Resp: 186987
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 32.9 29.8 44.8





#43
2,4,6-Trichlorophenol
Concen: 43.924 ng
RT: 13.322 min Scan# 1709
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

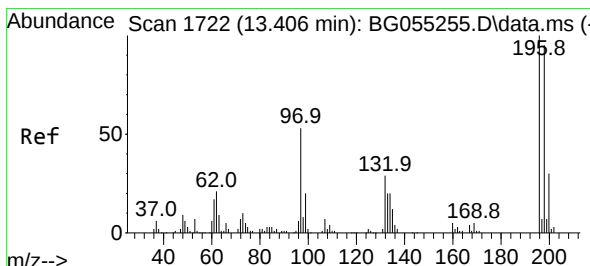
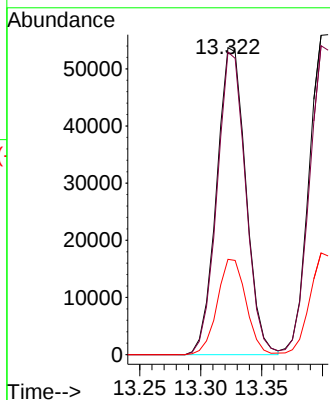
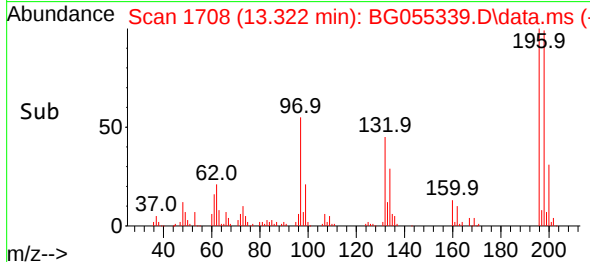
Instrument :
BNA_G
ClientSampleId :
PB148450BS



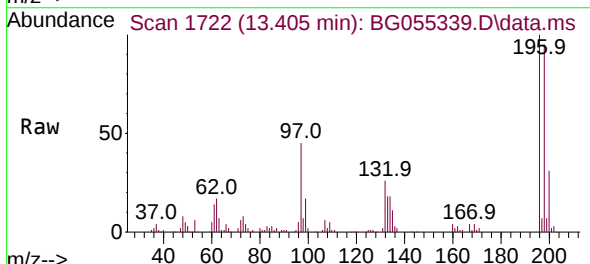
Tgt Ion:196 Resp: 89574
Ion Ratio Lower Upper
196 100
198 98.5 76.5 114.7
200 31.1 25.8 38.8

Manual Integrations
APPROVED

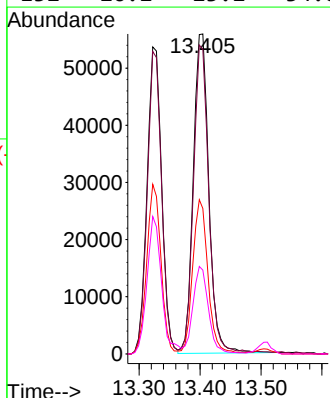
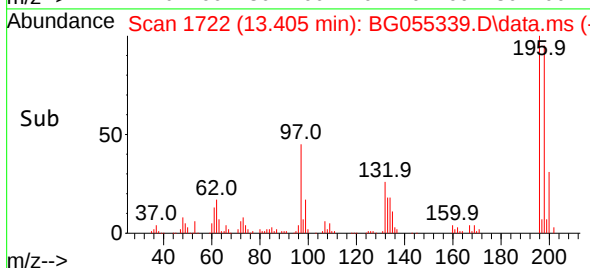
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

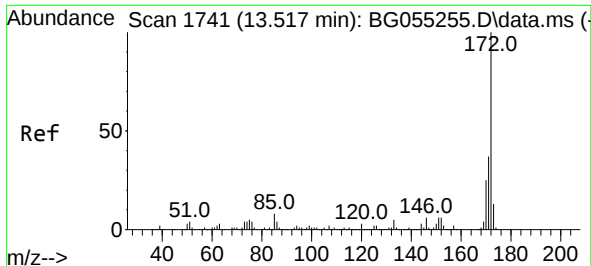


#44
2,4,5-Trichlorophenol
Concen: 43.986 ng
RT: 13.405 min Scan# 1722
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09



Tgt Ion:196 Resp: 99215
Ion Ratio Lower Upper
196 100
198 95.1 76.2 114.2
97 45.4 42.3 63.5
132 26.2 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 81.473 ng
RT: 13.505 min Scan# 1739
Delta R.T. -0.007 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Instrument :

BNA_G

ClientSampleId :

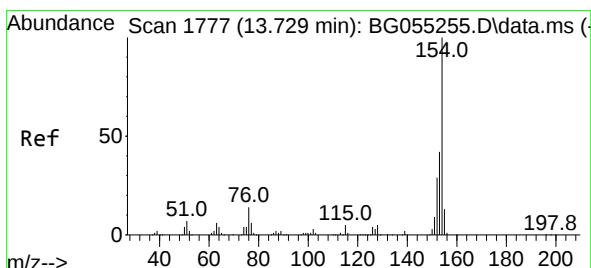
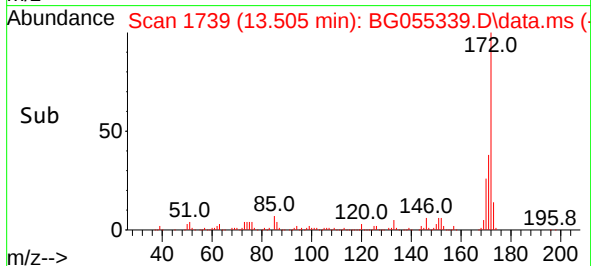
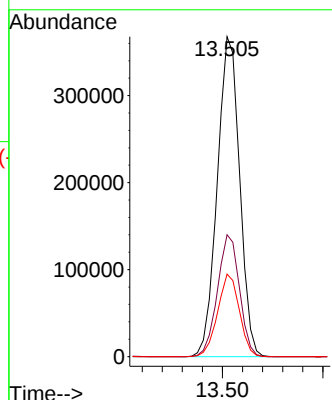
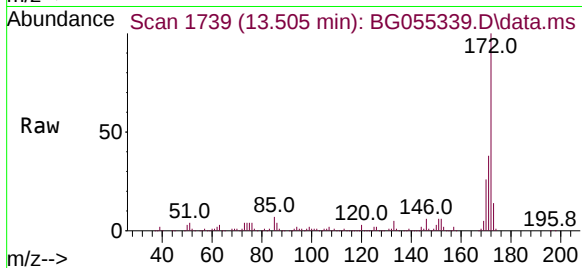
PB148450BS

Tgt Ion:172 Resp: 569838
Ion Ratio Lower Upper
172 100
171 38.1 29.7 44.5
170 25.8 20.2 30.2

Manual Integrations

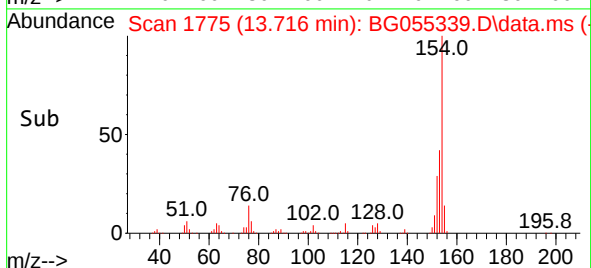
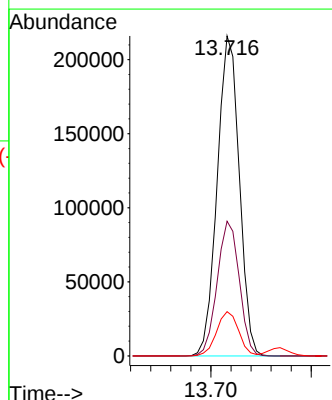
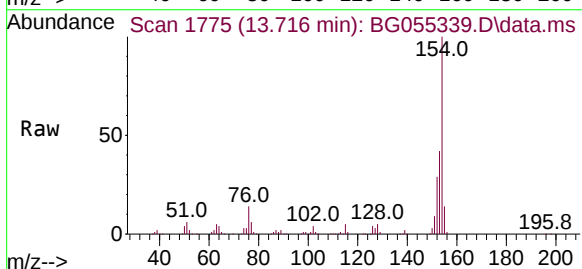
APPROVED

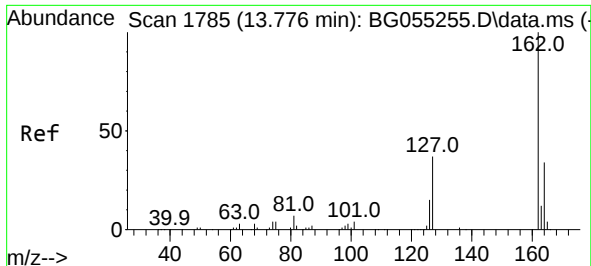
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#46
1,1'-Biphenyl
Concen: 42.100 ng
RT: 13.716 min Scan# 1775
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

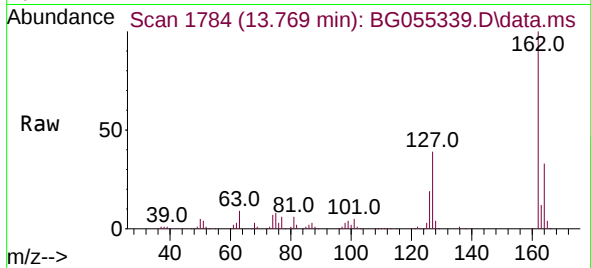
Tgt Ion:154 Resp: 330558
Ion Ratio Lower Upper
154 100
153 42.1 21.5 61.5
76 13.8 0.0 34.2





#47
2-Chloronaphthalene
Concen: 40.749 ng
RT: 13.769 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

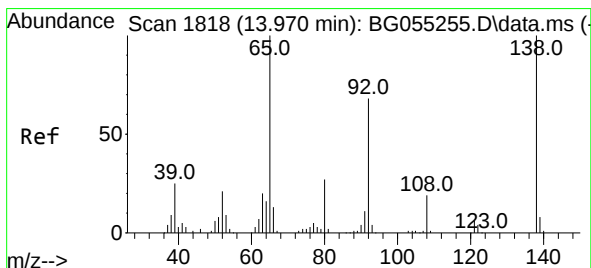
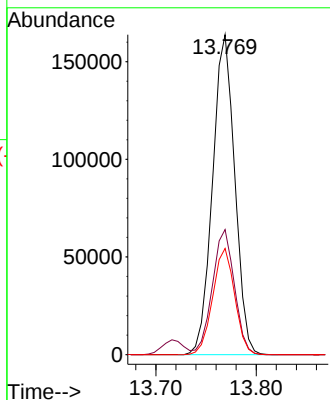
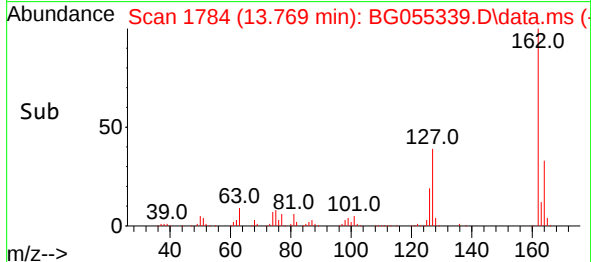
Instrument :
BNA_G
ClientSampleId :
PB148450BS



Tgt Ion:162 Resp: 252299
Ion Ratio Lower Upper
162 100
127 39.1 33.0 49.6
164 33.2 27.0 40.4

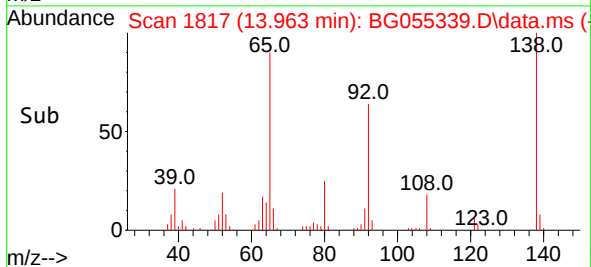
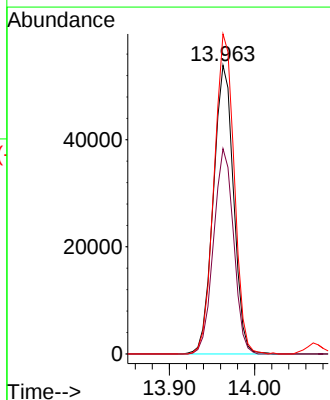
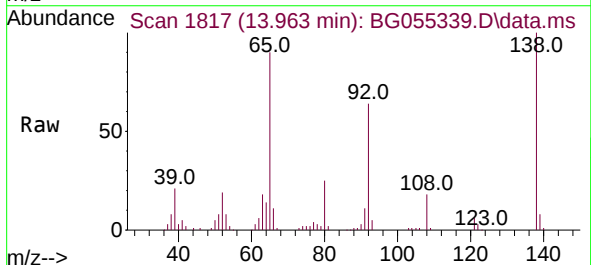
Manual Integrations
APPROVED

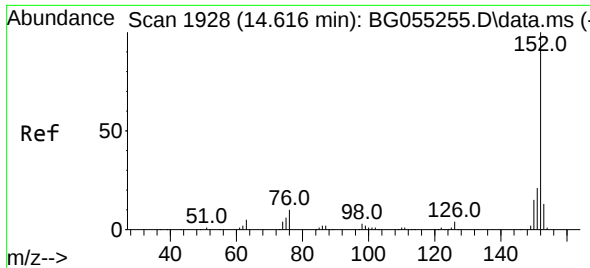
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#48
2-Nitroaniline
Concen: 36.594 ng
RT: 13.963 min Scan# 1817
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

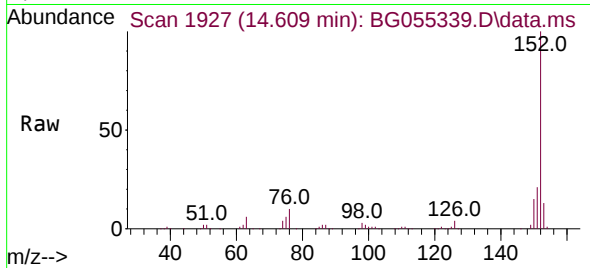
Tgt Ion: 65 Resp: 88606
Ion Ratio Lower Upper
65 100
92 71.1 54.6 82.0
138 110.9 80.2 120.4





#49
Acenaphthylene
Concen: 39.471 ng
RT: 14.609 min Scan# 1928
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

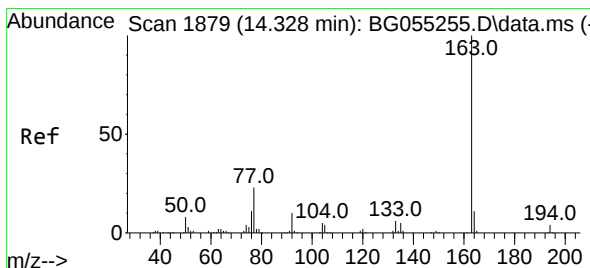
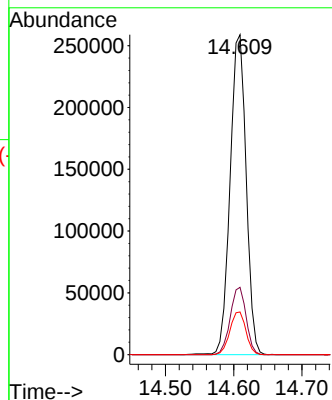
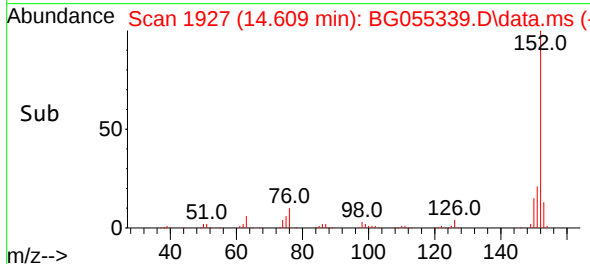
Instrument :
BNA_G
ClientSampleId :
PB148450BS



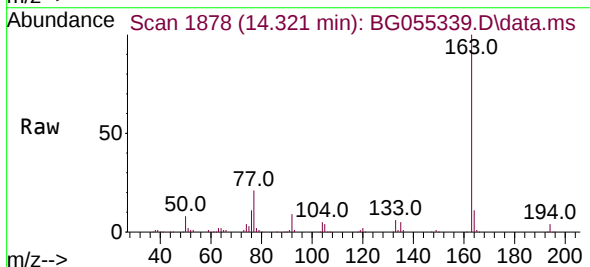
Tgt Ion:152 Resp: 421876
Ion Ratio Lower Upper
152 100
151 21.0 16.6 25.0
153 13.3 10.5 15.7

Manual Integrations
APPROVED

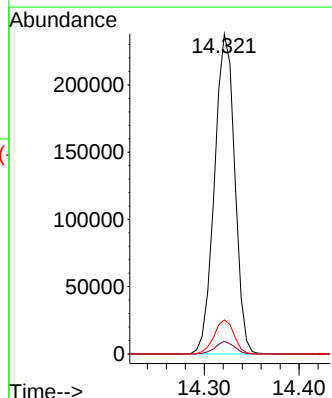
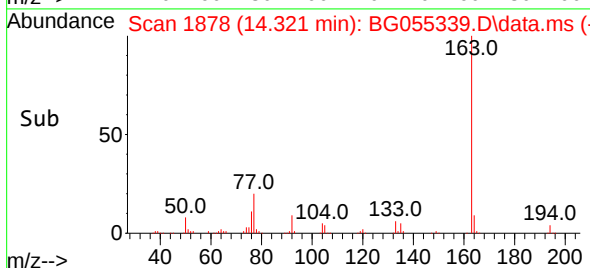
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

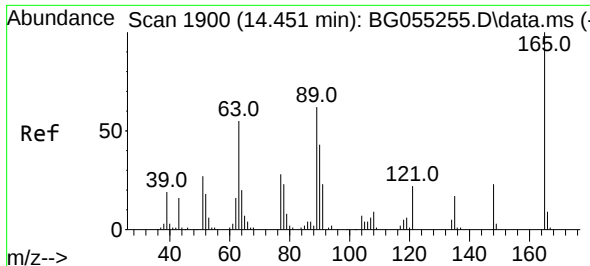


#50
Dimethylphthalate
Concen: 39.270 ng
RT: 14.321 min Scan# 1878
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09



Tgt Ion:163 Resp: 352971
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.6 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 41.951 ng
RT: 14.445 min Scan# 1899
Delta R.T. -0.007 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Instrument :

BNA_G

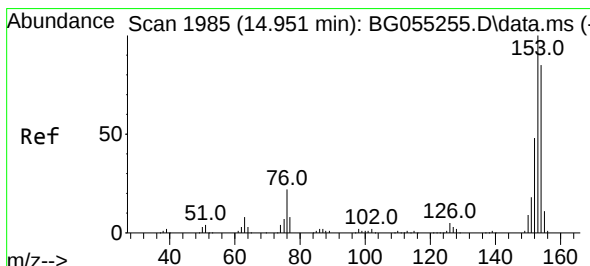
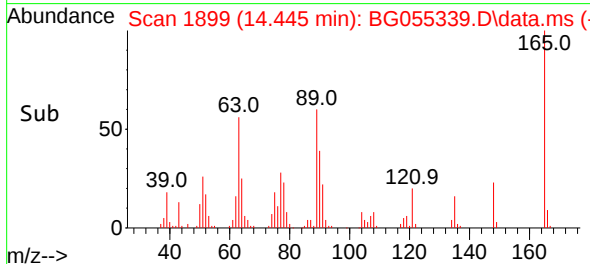
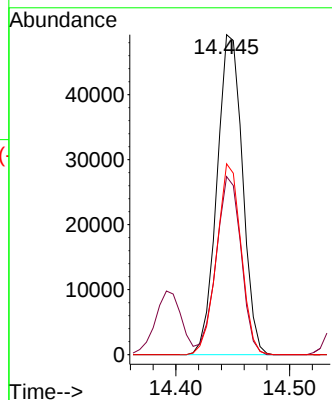
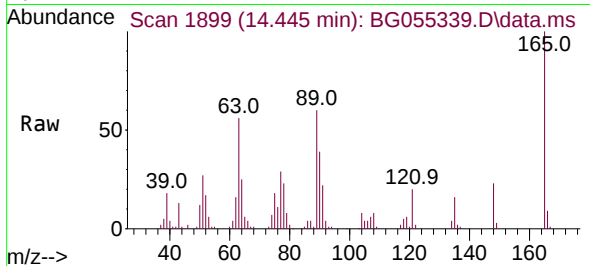
ClientSampleId :

PB148450BS

Tgt Ion:165 Resp: 7672
Ion Ratio Lower Upper
165 100
63 55.6 49.2 73.8
89 59.6 49.9 74.9

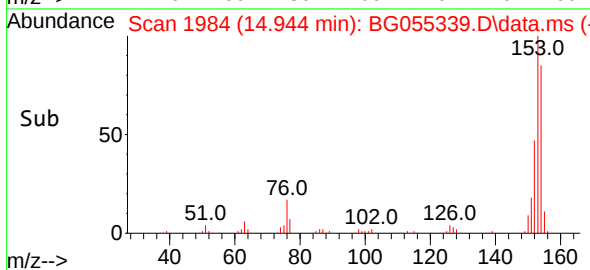
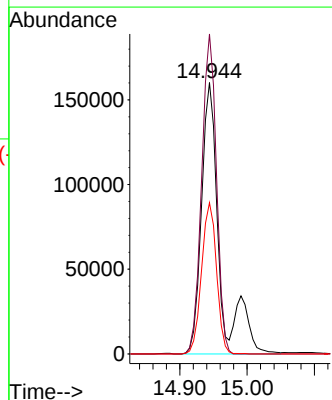
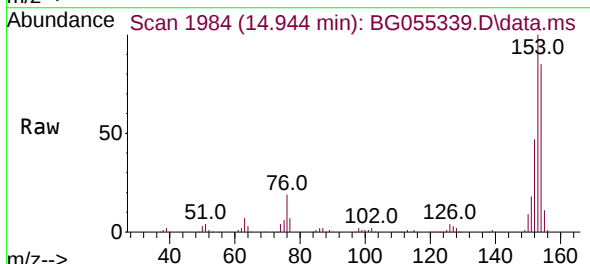
Manual Integrations
APPROVED

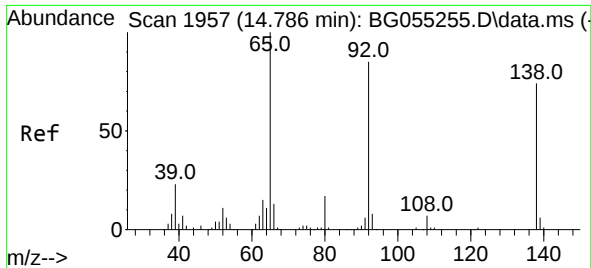
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#52
Acenaphthene
Concen: 44.059 ng m
RT: 14.944 min Scan# 1984
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Tgt Ion:154 Resp: 300167
Ion Ratio Lower Upper
154 100
153 118.0 94.3 141.5
152 55.7 45.3 67.9





#53
3-Nitroaniline
Concen: 31.971 ng
RT: 14.779 min Scan# 1956
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Instrument :

BNA_G

ClientSampleId :

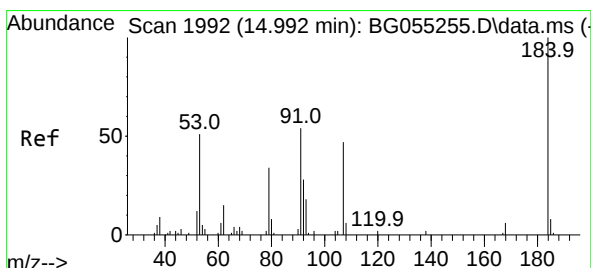
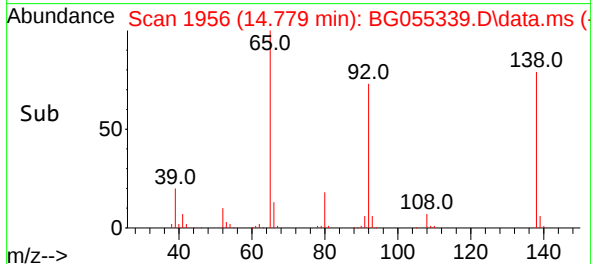
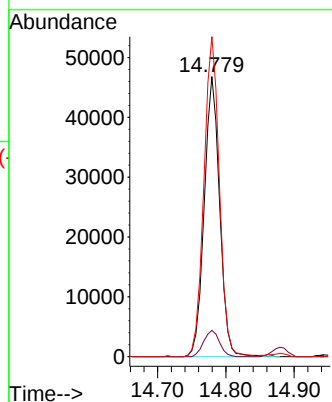
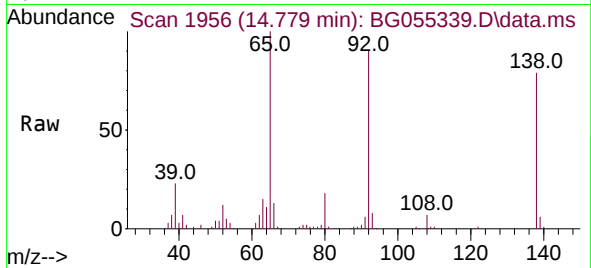
PB148450BS

Tgt Ion:138 Resp: 73495
Ion Ratio Lower Upper
138 100
108 9.3 7.5 11.3
92 114.2 91.8 137.8

Manual Integrations

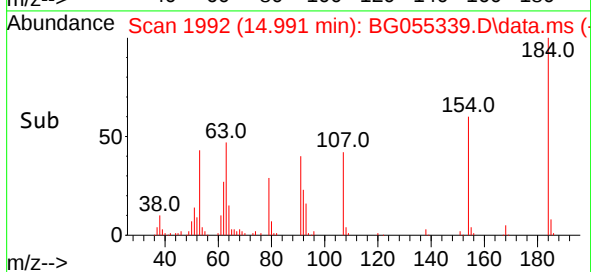
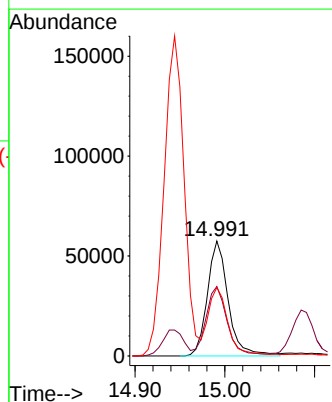
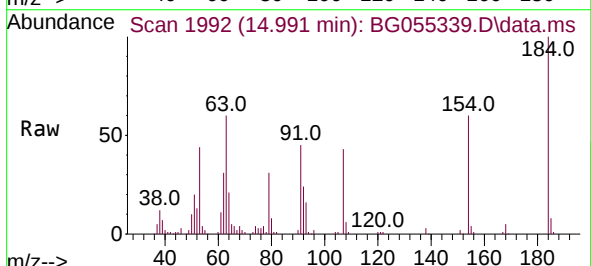
APPROVED

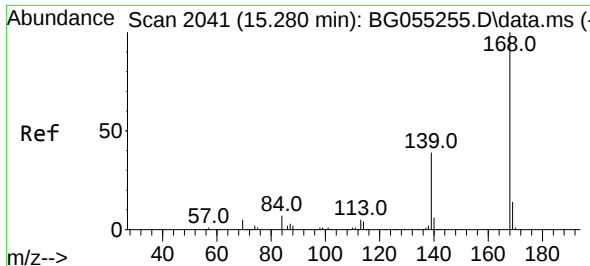
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#54
2,4-Dinitrophenol
Concen: 86.479 ng
RT: 14.991 min Scan# 1992
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

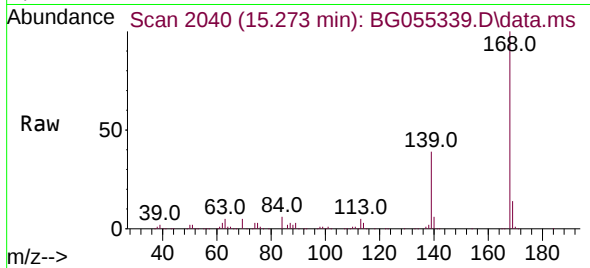
Tgt Ion:184 Resp: 92990
Ion Ratio Lower Upper
184 100
63 60.4 55.7 83.5
154 59.6 49.4 74.0





#55
Dibenzofuran
Concen: 39.719 ng
RT: 15.273 min Scan# 2041
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

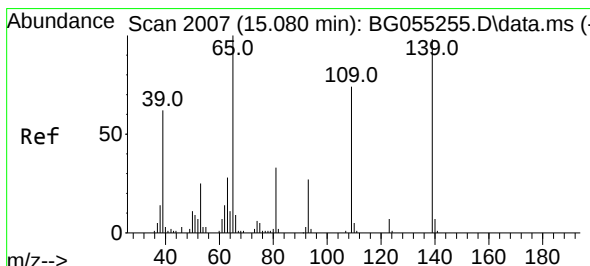
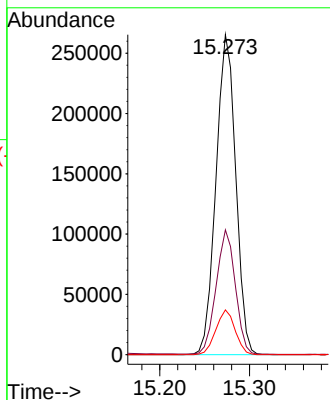
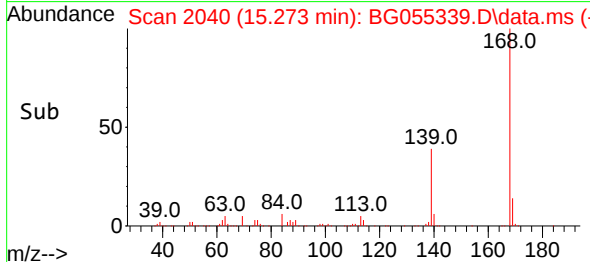
Instrument :
BNA_G
ClientSampleId :
PB148450BS



Tgt Ion:168 Resp: 405968
Ion Ratio Lower Upper
168 100
139 39.0 31.6 47.4
169 14.0 11.0 16.4

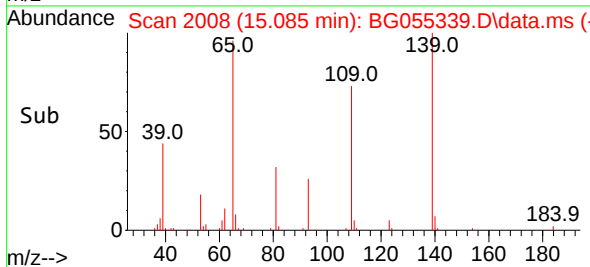
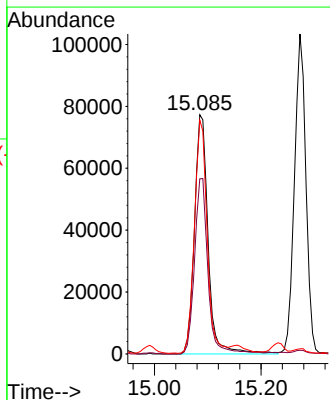
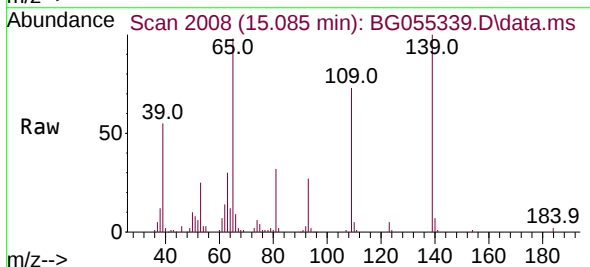
Manual Integrations
APPROVED

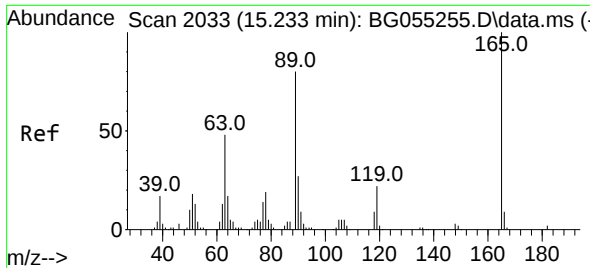
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#56
4-Nitrophenol
Concen: 83.334 ng
RT: 15.085 min Scan# 2008
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Tgt Ion:139 Resp: 137015
Ion Ratio Lower Upper
139 100
109 73.2 55.4 95.4
65 97.7 81.6 121.6





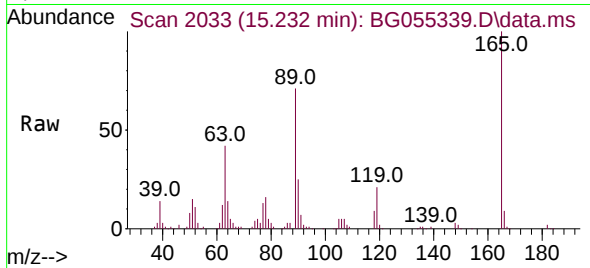
#57
2,4-Dinitrotoluene
Concen: 42.197 ng
RT: 15.232 min Scan# 2033
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Instrument :

BNA_G

ClientSampleId :

PB148450BS

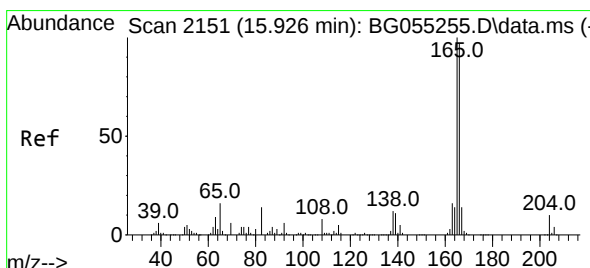
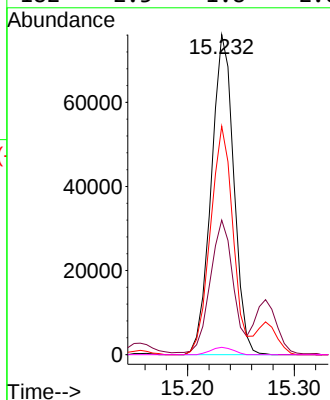
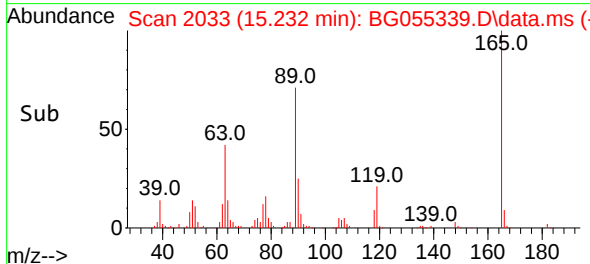


Tgt Ion:165 Resp: 111998
Ion Ratio Lower Upper
165 100
63 42.0 38.9 58.3
89 71.4 64.2 96.4
182 2.3 1.8 2.6

Manual Integrations

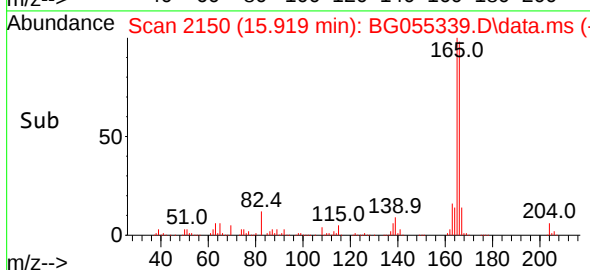
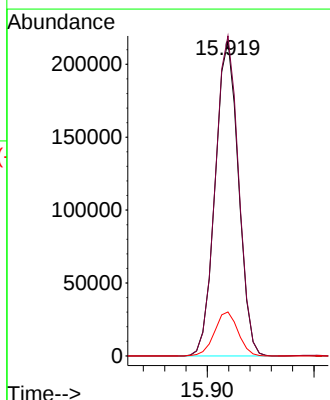
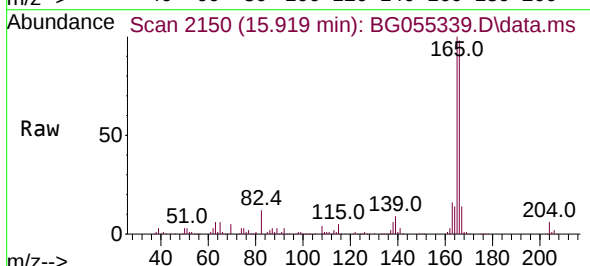
APPROVED

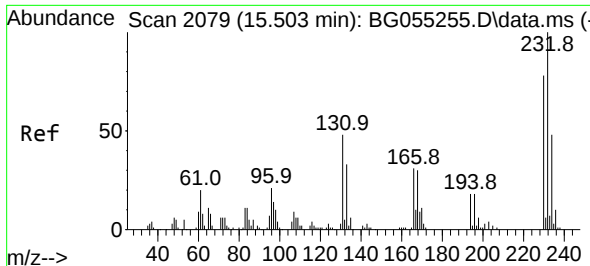
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#58
Fluorene
Concen: 38.468 ng
RT: 15.919 min Scan# 2150
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Tgt Ion:166 Resp: 327159
Ion Ratio Lower Upper
166 100
165 101.6 82.4 123.6
167 14.0 11.5 17.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.618 ng
RT: 15.496 min Scan# 2079
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Instrument :

BNA_G

ClientSampleId :

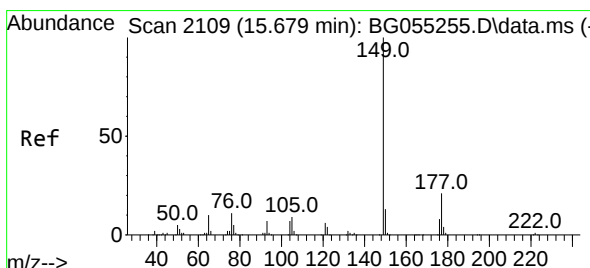
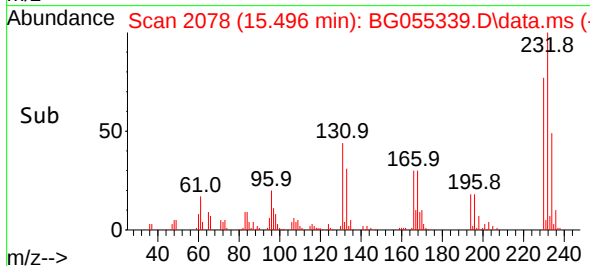
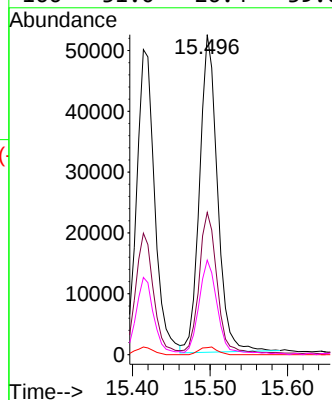
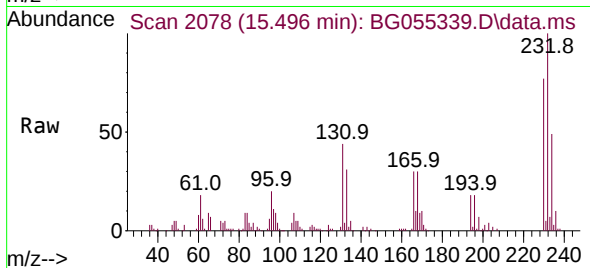
PB148450BS

Tgt Ion:232 Resp: 8368
Ion Ratio Lower Upper
232 100
131 46.8 39.6 59.4
130 2.4 2.1 3.1
166 31.0 26.4 39.6

Manual Integrations

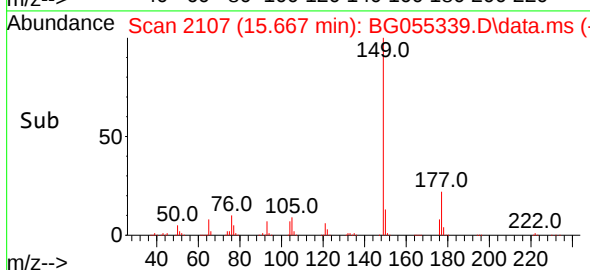
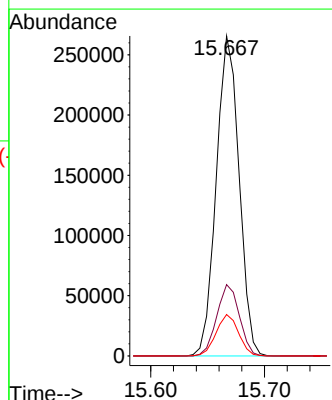
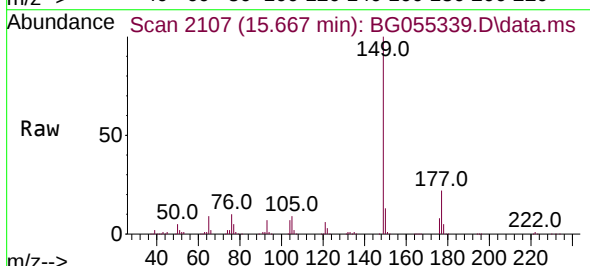
APPROVED

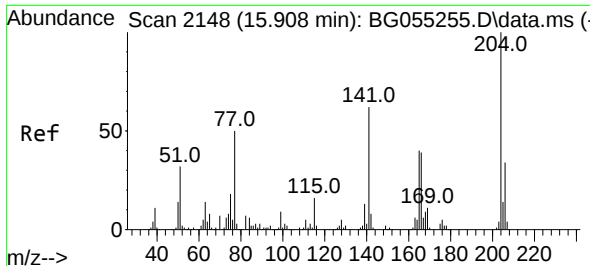
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#60
Diethylphthalate
Concen: 38.622 ng
RT: 15.667 min Scan# 2107
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

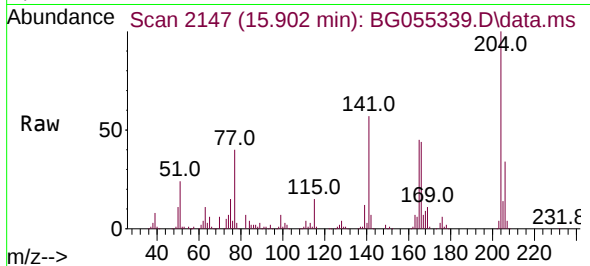
Tgt Ion:149 Resp: 369268
Ion Ratio Lower Upper
149 100
177 22.3 16.7 25.1
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.682 ng
RT: 15.902 min Scan# 2147
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

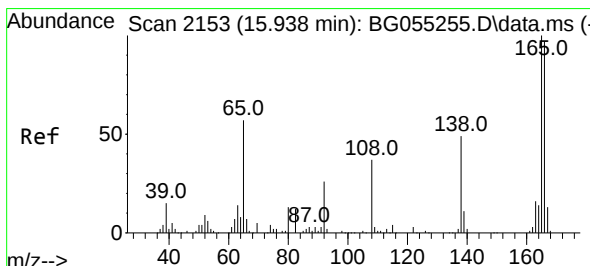
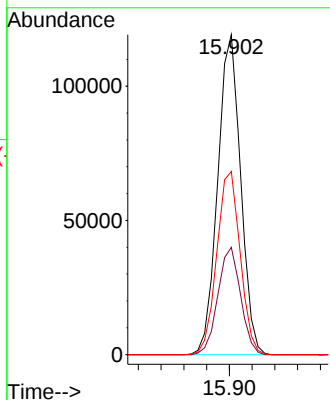
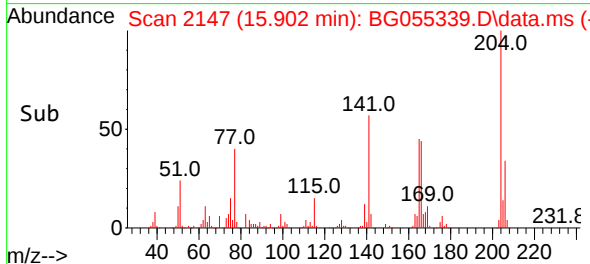
Instrument :
BNA_G
ClientSampleId :
PB148450BS



Tgt Ion:204 Resp: 166809
Ion Ratio Lower Upper
204 100
206 33.5 26.9 40.3
141 57.2 49.9 74.9

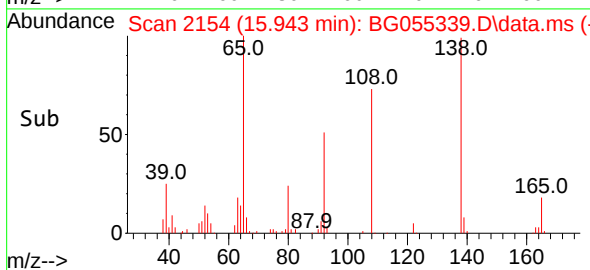
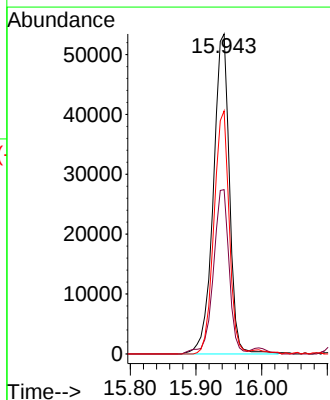
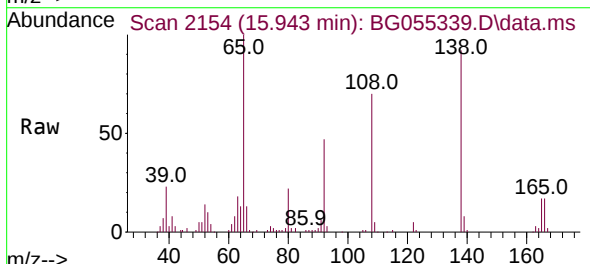
Manual Integrations
APPROVED

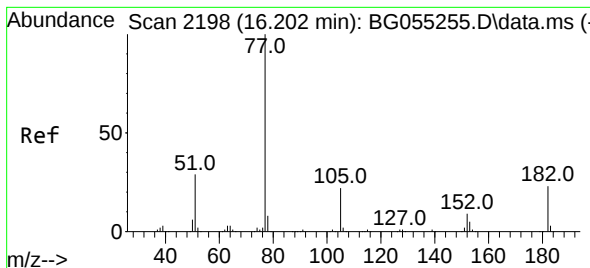
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#62
4-Nitroaniline
Concen: 37.860 ng
RT: 15.943 min Scan# 2154
Delta R.T. 0.005 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Tgt Ion:138 Resp: 91458
Ion Ratio Lower Upper
138 100
92 51.3 33.3 73.3
108 75.9 55.5 95.5





#63

Azobenzene

Concen: 35.644 ng

RT: 16.195 min Scan# 2197

Delta R.T. -0.001 min

Lab File: BG055339.D

Acq: 28 Oct 2022 13:09

Instrument :

BNA_G

ClientSampleId :

PB148450BS

Tgt Ion: 77 Resp: 332005

Ion Ratio Lower Upper

77 100

182 25.9 2.5 42.5

105 22.4 1.6 41.6

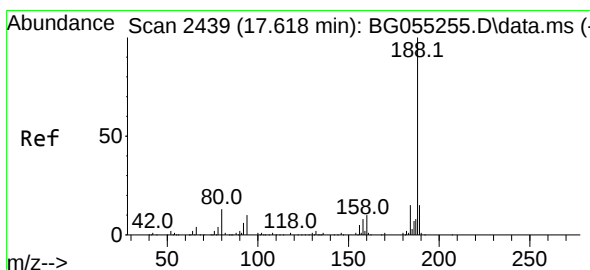
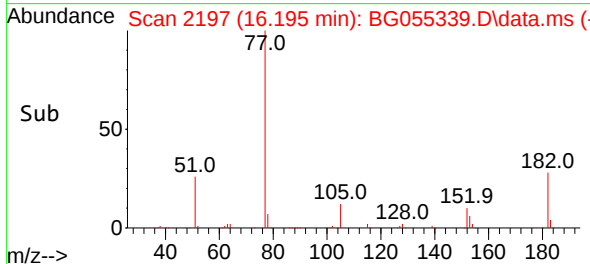
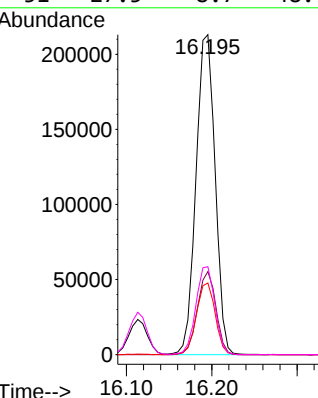
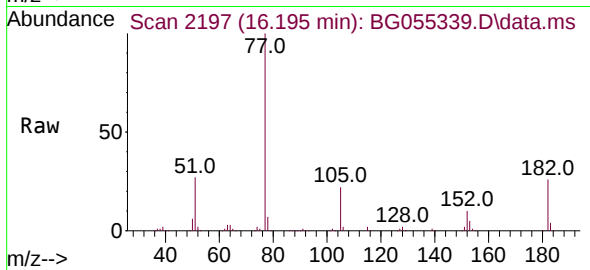
51 27.5 8.7 48.7

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: 17.611 min Scan# 2438

Delta R.T. -0.001 min

Lab File: BG055339.D

Acq: 28 Oct 2022 13:09

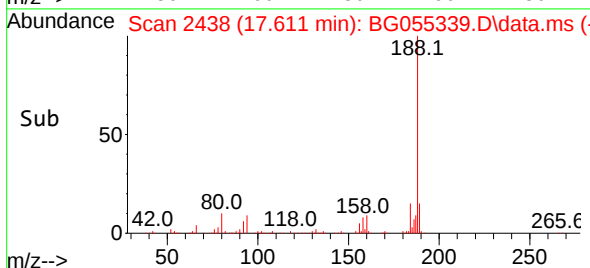
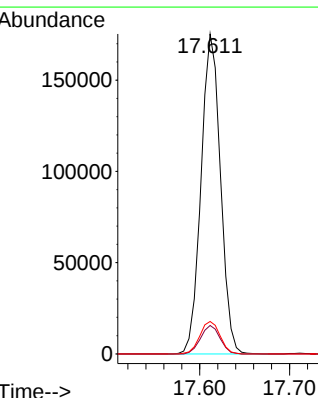
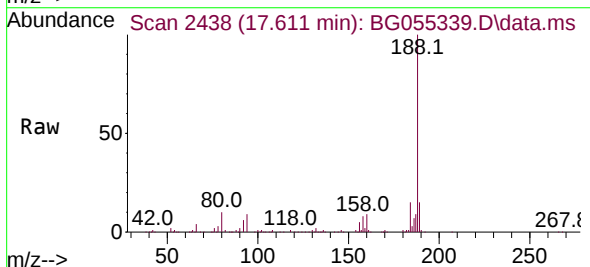
Tgt Ion:188 Resp: 264825

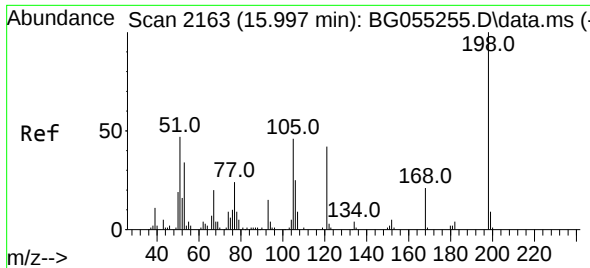
Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.4

80 10.1 10.1 15.1





#65
4,6-Dinitro-2-methylphenol
Concen: 44.779 ng
RT: 15.996 min Scan# 2163
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Instrument :

BNA_G

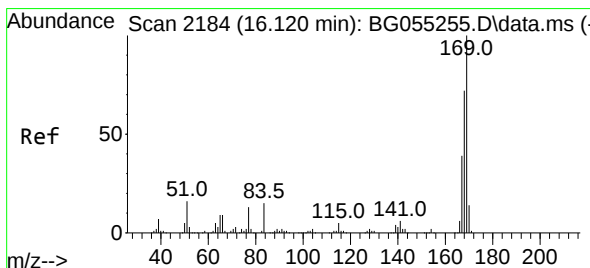
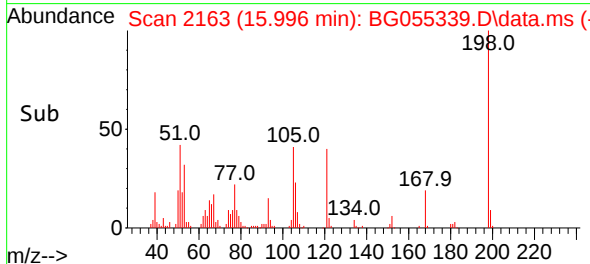
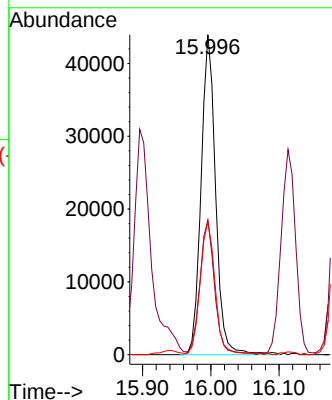
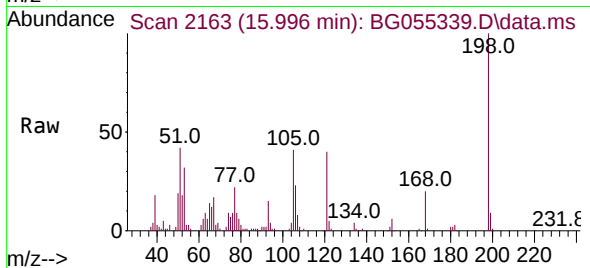
ClientSampleId :

PB148450BS

Tgt Ion:198 Resp: 65191
Ion Ratio Lower Upper
198 100
51 42.1 29.6 69.6
105 41.5 26.6 66.6

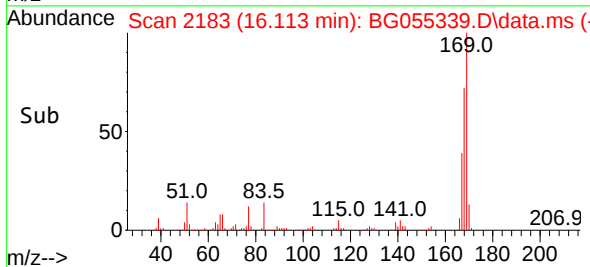
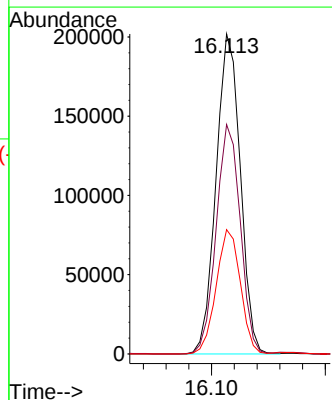
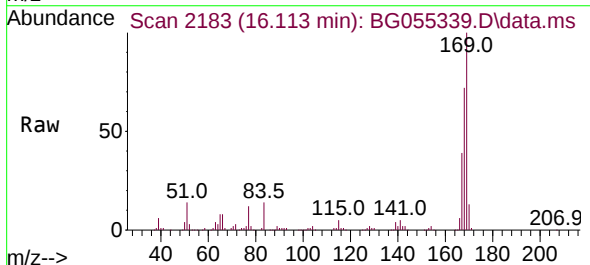
Manual Integrations
APPROVED

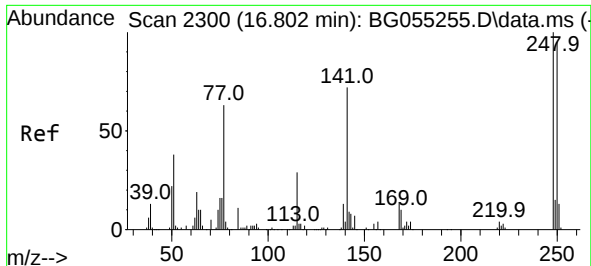
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#66
n-Nitrosodiphenylamine
Concen: 40.535 ng
RT: 16.113 min Scan# 2183
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

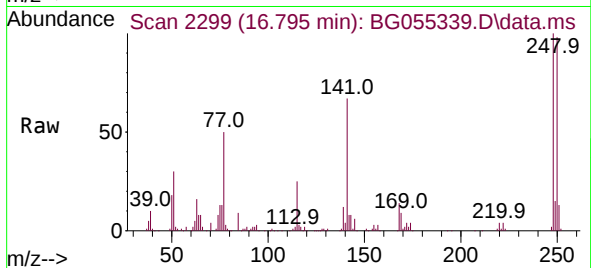
Tgt Ion:169 Resp: 298787
Ion Ratio Lower Upper
169 100
168 71.7 57.5 86.3
167 38.8 31.5 47.3





#67
4-Bromophenyl-phenylether
Concen: 43.255 ng
RT: 16.795 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

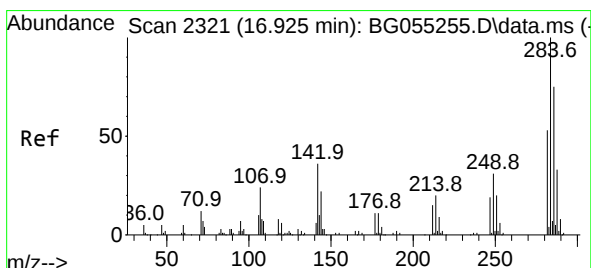
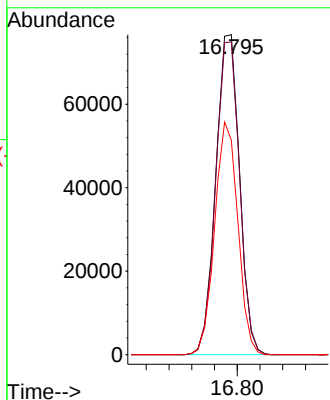
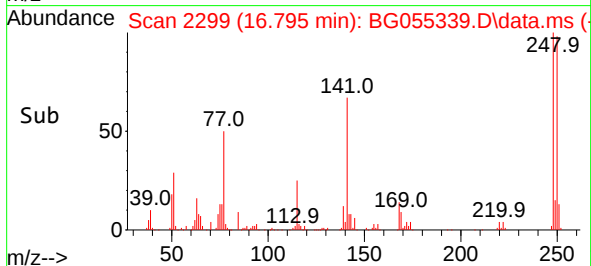
Instrument :
BNA_G
ClientSampleId :
PB148450BS



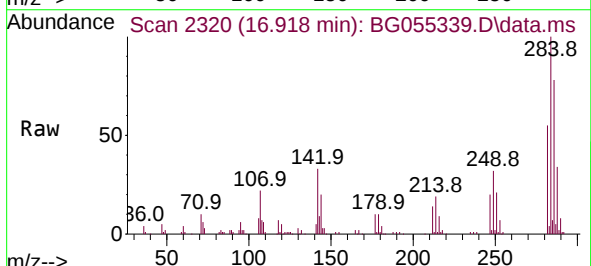
Tgt Ion:248 Resp: 111290
Ion Ratio Lower Upper
248 100
250 97.7 76.0 114.0
141 67.0 58.0 87.0

Manual Integrations
APPROVED

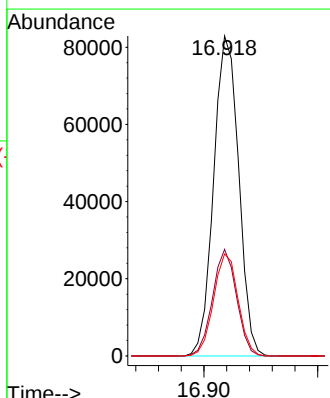
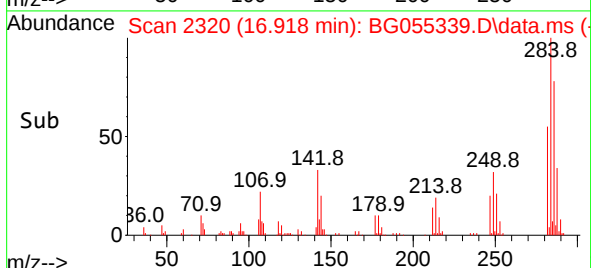
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

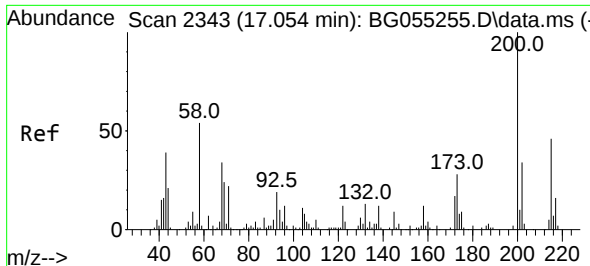


#68
Hexachlorobenzene
Concen: 43.450 ng
RT: 16.918 min Scan# 2320
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09



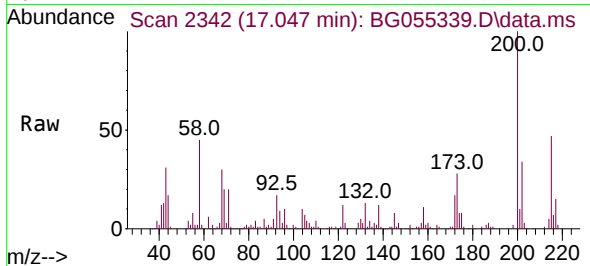
Tgt Ion:284 Resp: 126400
Ion Ratio Lower Upper
284 100
142 33.3 28.9 43.3
249 31.9 25.0 37.4





#69
 Atrazine
 Concen: 48.850 ng
 RT: 17.047 min Scan# 2343
 Delta R.T. -0.001 min
 Lab File: BG055339.D
 Acq: 28 Oct 2022 13:09

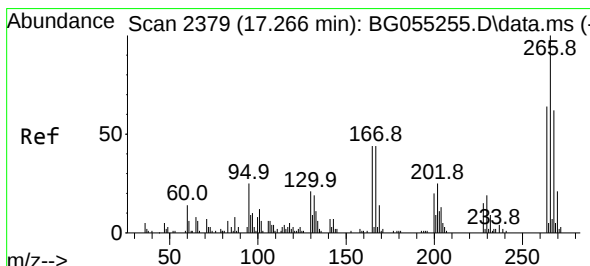
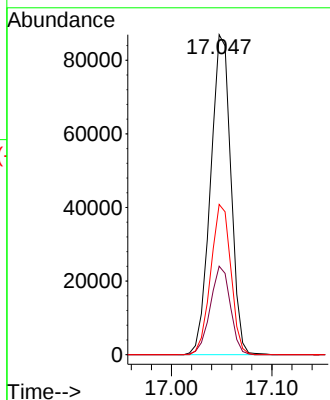
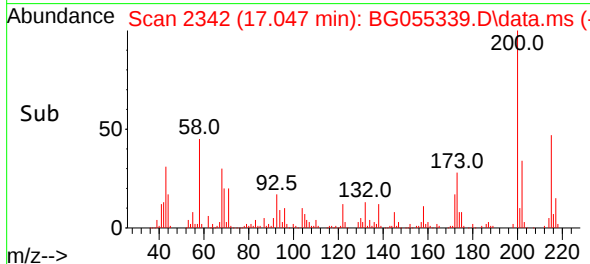
Instrument :
 BNA_G
 ClientSampleId :
 PB148450BS



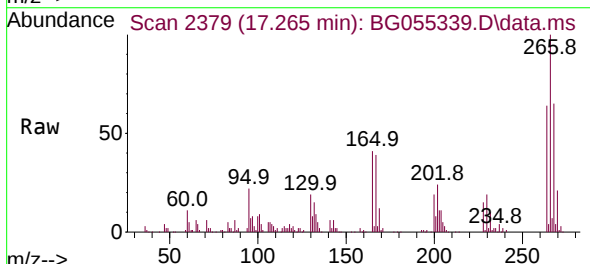
Tgt Ion:200 Resp: 122441
 Ion Ratio Lower Upper
 200 100
 173 27.6 7.7 47.7
 215 46.9 26.1 66.1

Manual Integrations
 APPROVED

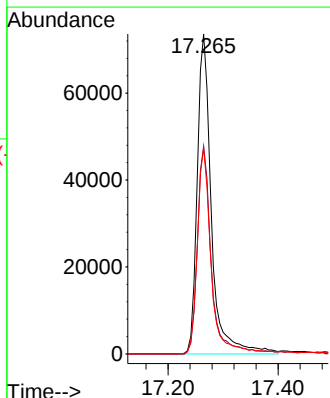
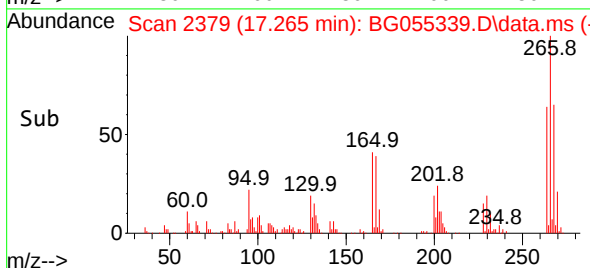
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022

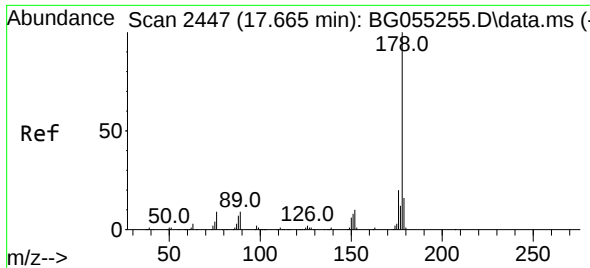


#70
 Pentachlorophenol
 Concen: 80.018 ng
 RT: 17.265 min Scan# 2379
 Delta R.T. -0.001 min
 Lab File: BG055339.D
 Acq: 28 Oct 2022 13:09



Tgt Ion:266 Resp: 131506
 Ion Ratio Lower Upper
 266 100
 268 64.9 53.2 79.8
 264 64.3 51.5 77.3





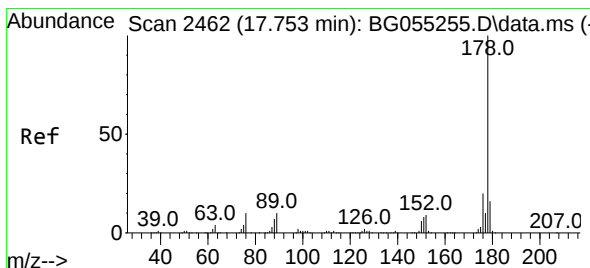
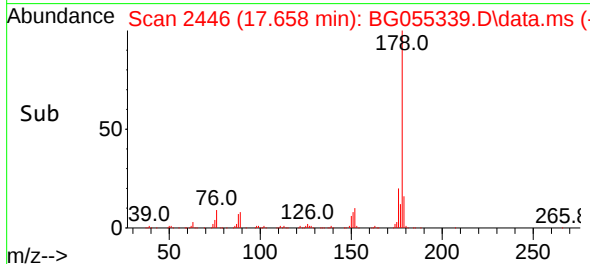
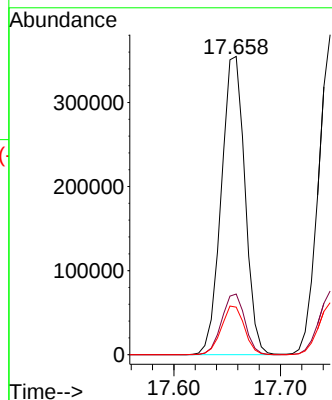
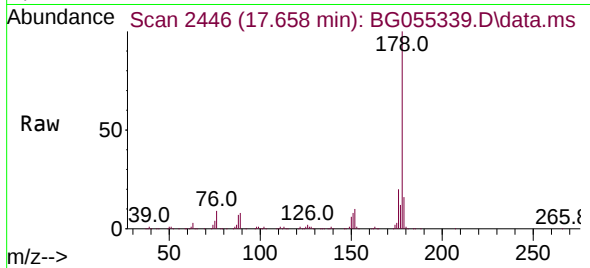
#71
Phenanthrene
Concen: 38.752 ng
RT: 17.658 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Instrument :
BNA_G
ClientSampleId :
PB148450BS

Tgt Ion:178 Resp: 547302
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 15.9 12.6 19.0

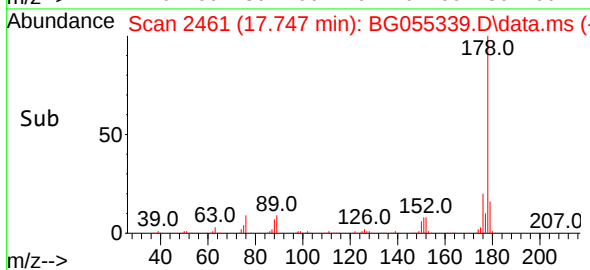
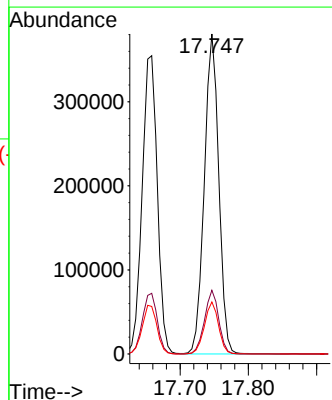
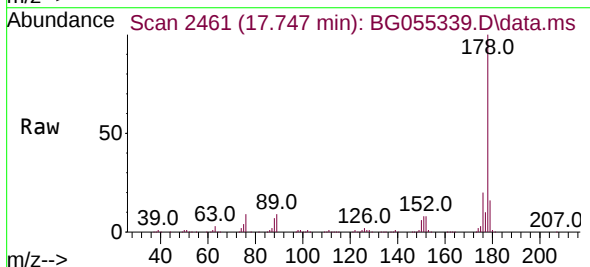
Manual Integrations
APPROVED

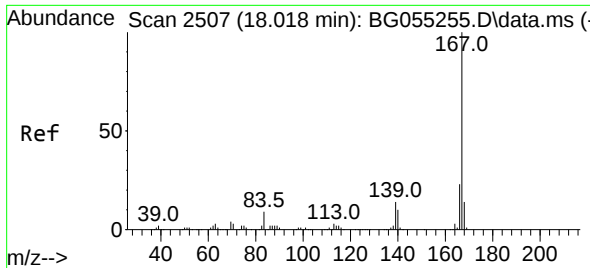
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#72
Anthracene
Concen: 40.639 ng
RT: 17.747 min Scan# 2461
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

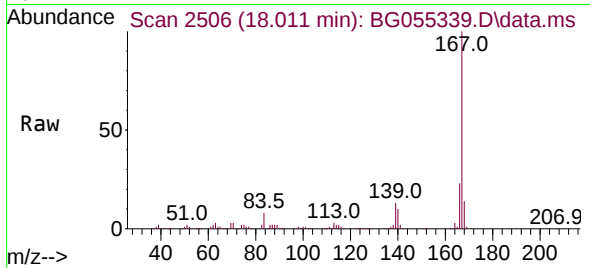
Tgt Ion:178 Resp: 561100
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 16.2 12.9 19.3





#73
Carbazole
Concen: 40.541 ng
RT: 18.011 min Scan# 2506
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

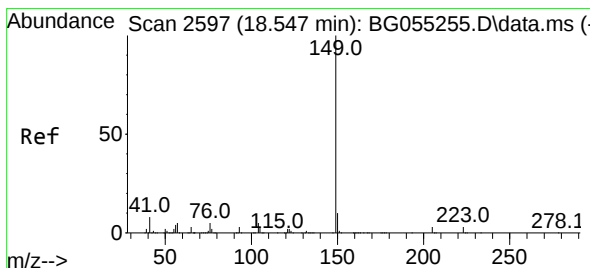
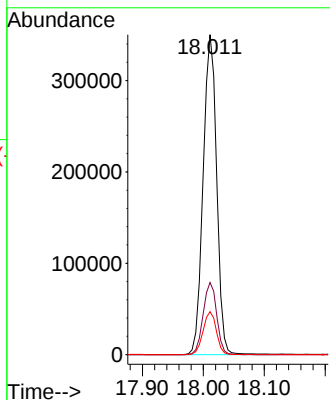
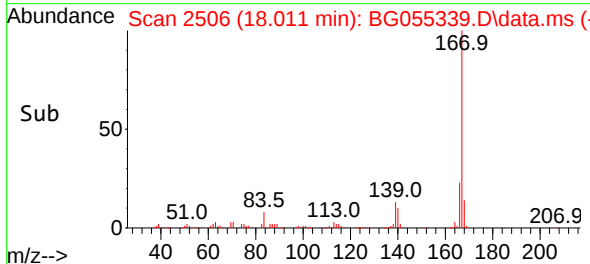
Instrument :
BNA_G
ClientSampleId :
PB148450BS



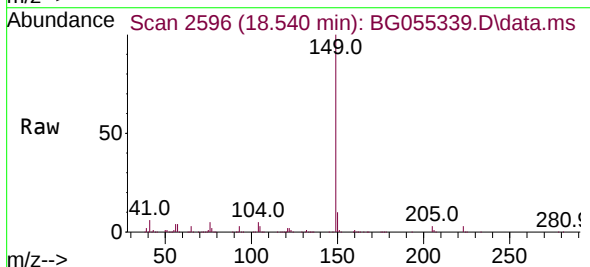
Tgt Ion:167 Resp: 538384
Ion Ratio Lower Upper
167 100
166 22.5 18.6 27.8
139 13.4 10.9 16.3

Manual Integrations
APPROVED

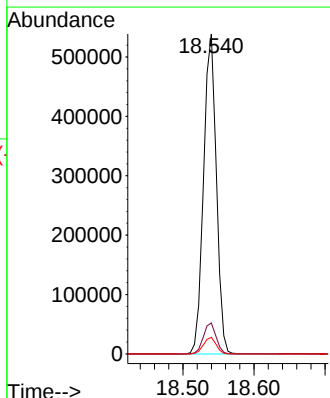
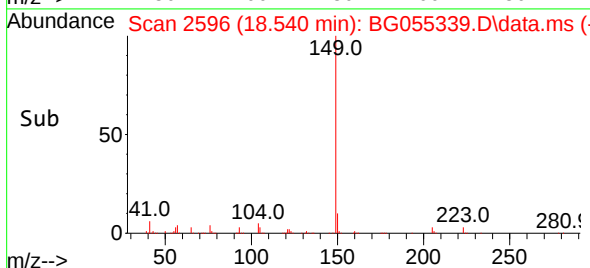
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

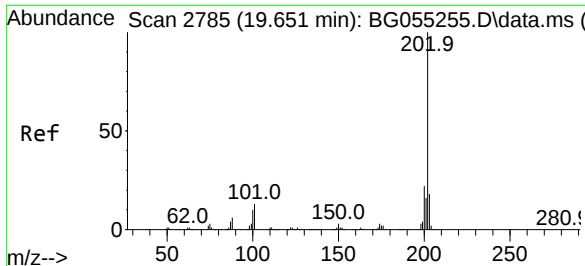


#74
Di-n-butylphthalate
Concen: 40.316 ng
RT: 18.540 min Scan# 2596
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09



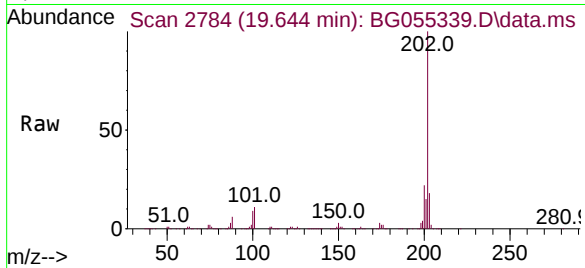
Tgt Ion:149 Resp: 669266
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.8
104 5.2 4.2 6.4





#75
Fluoranthene
Concen: 39.629 ng
RT: 19.644 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

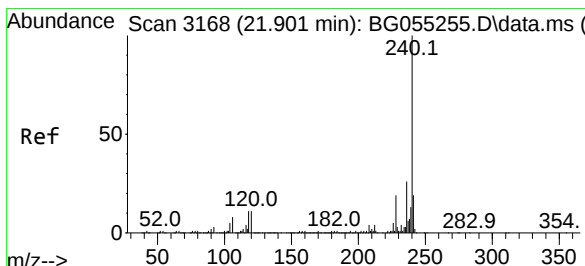
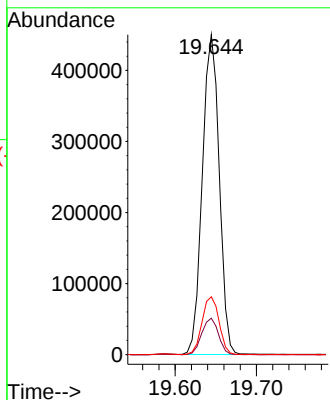
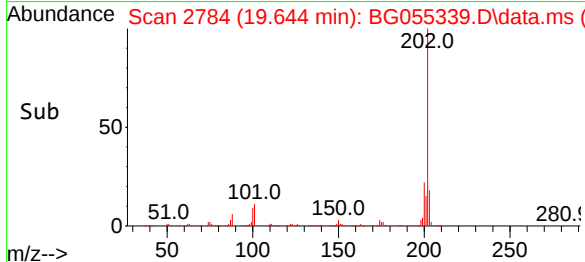
Instrument :
BNA_G
ClientSampleId :
PB148450BS



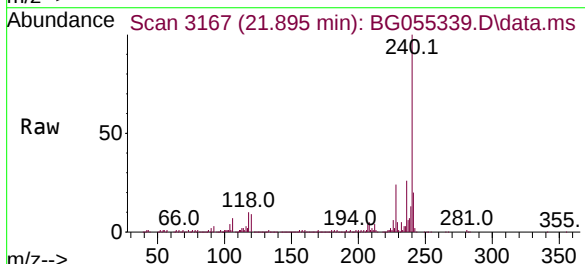
Tgt Ion:202 Resp: 652169
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.6
203 18.1 0.0 38.3

Manual Integrations
APPROVED

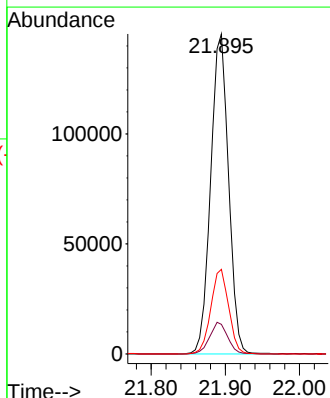
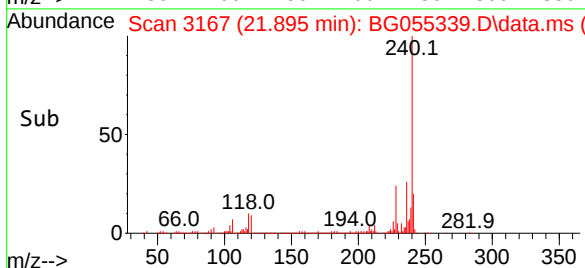
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

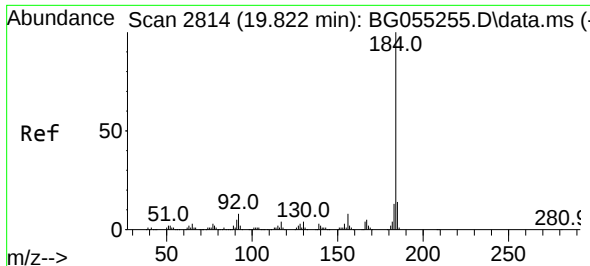


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.895 min Scan# 3167
Delta R.T. 0.005 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09



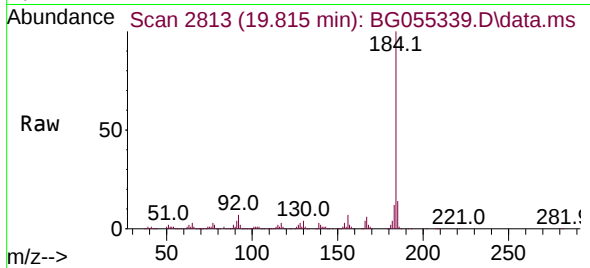
Tgt Ion:240 Resp: 243073
Ion Ratio Lower Upper
240 100
120 9.2 8.9 13.3
236 26.5 21.0 31.4





#77
Benzidine
Concen: 77.541 ng
RT: 19.815 min Scan# 2814
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

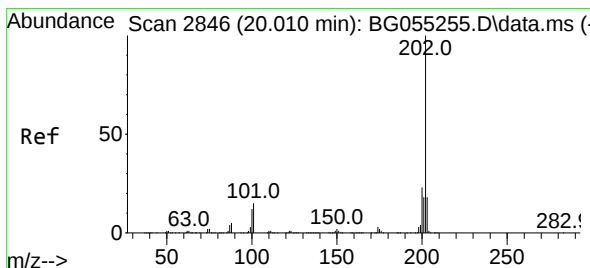
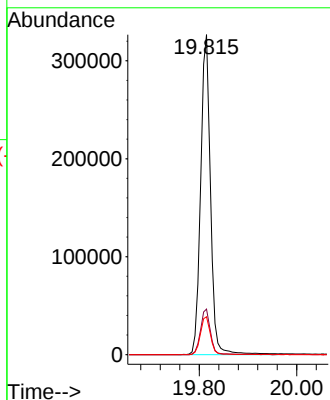
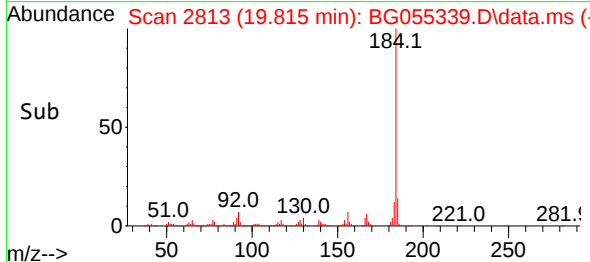
Instrument :
BNA_G
ClientSampleId :
PB148450BS



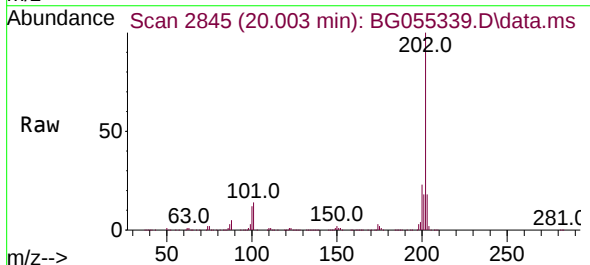
Tgt Ion:184 Resp: 456369
Ion Ratio Lower Upper
184 100
185 14.2 11.0 16.6
183 11.8 10.0 15.0

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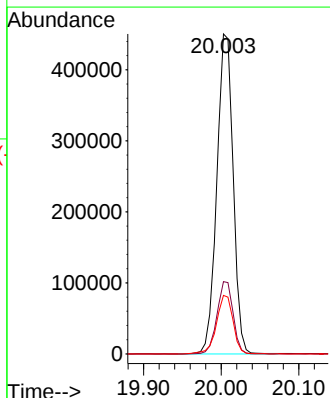
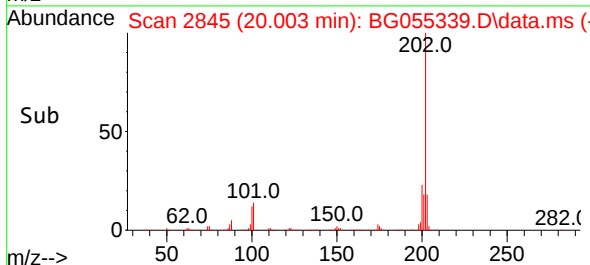
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

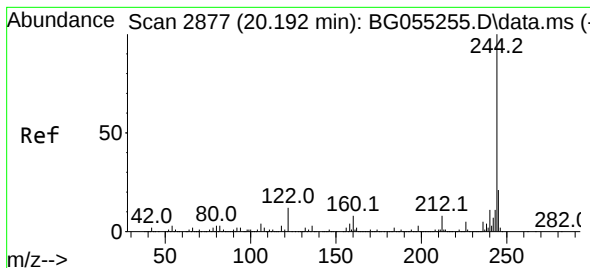


#78
Pyrene
Concen: 39.531 ng
RT: 20.003 min Scan# 2845
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09



Tgt Ion:202 Resp: 658637
Ion Ratio Lower Upper
202 100
200 22.6 18.0 27.0
203 18.3 14.3 21.5





#79

Terphenyl-d14

Concen: 86.495 ng

RT: 20.185 min Scan# 2877

Delta R.T. -0.001 min

Lab File: BG055339.D

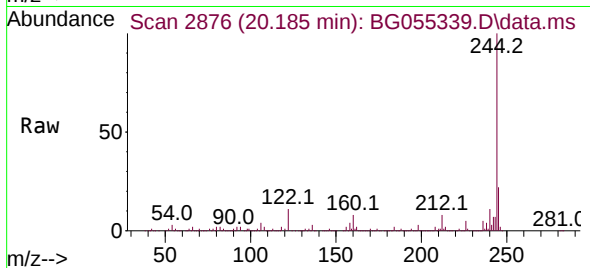
Acq: 28 Oct 2022 13:09

Instrument :

BNA_G

ClientSampleId :

PB148450BS



Tgt Ion:244 Resp: 1011923

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

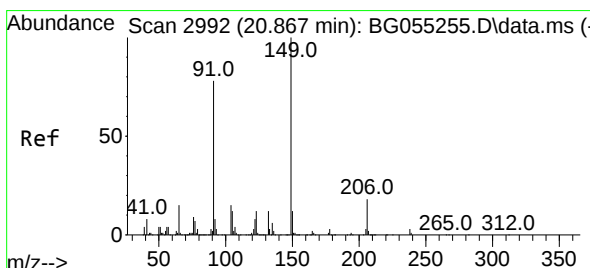
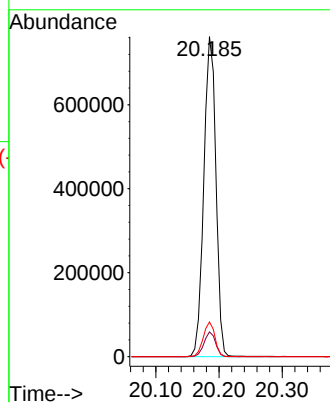
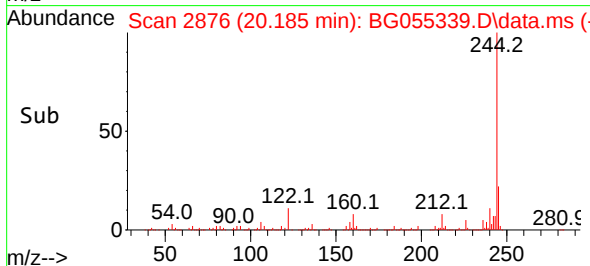
122 10.8 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#80

Butylbenzylphthalate

Concen: 37.237 ng

RT: 20.861 min Scan# 2991

Delta R.T. -0.001 min

Lab File: BG055339.D

Acq: 28 Oct 2022 13:09

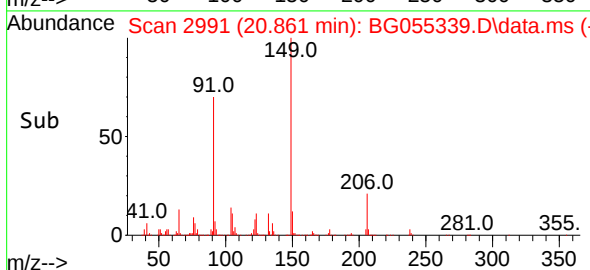
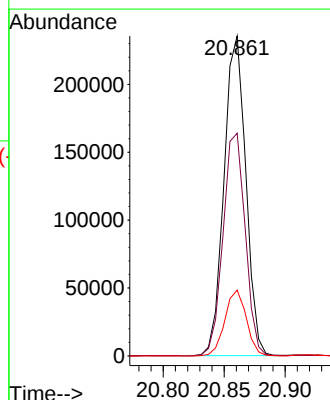
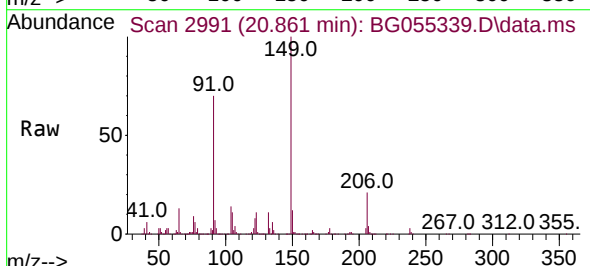
Tgt Ion:149 Resp: 293174

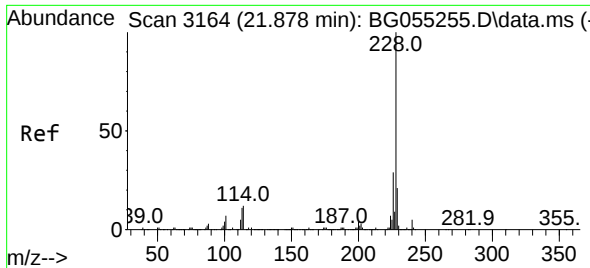
Ion Ratio Lower Upper

149 100

91 69.6 62.2 93.4

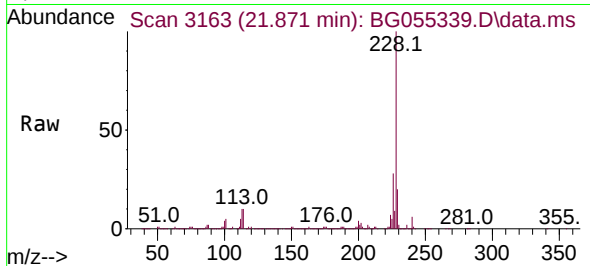
206 20.5 14.6 21.8





#81
Benzo(a)anthracene
Concen: 38.539 ng
RT: 21.871 min Scan# 3164
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

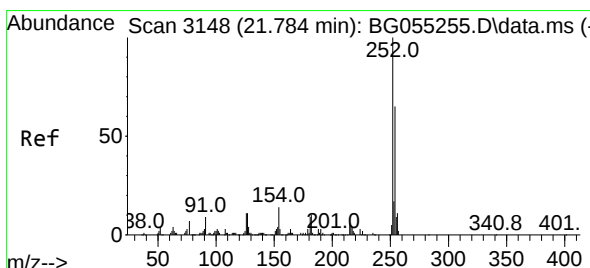
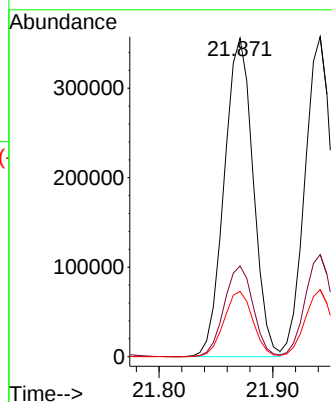
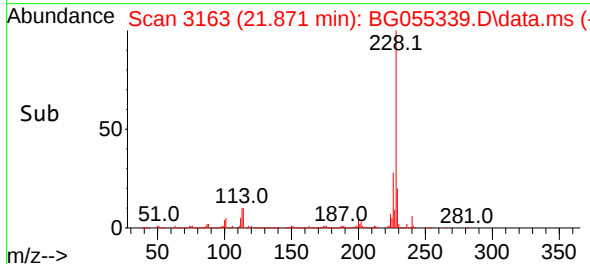
Instrument :
BNA_G
ClientSampleId :
PB148450BS



Tgt Ion:228 Resp: 629059
Ion Ratio Lower Upper
228 100
226 28.5 22.9 34.3
229 20.5 16.7 25.1

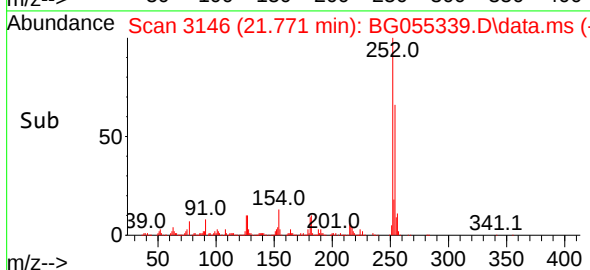
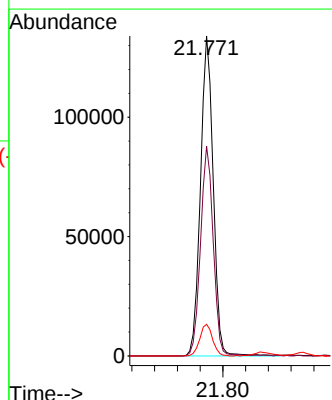
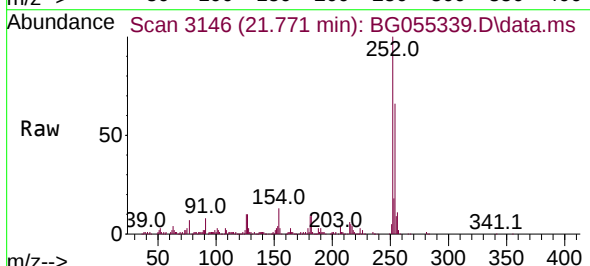
Manual Integrations
APPROVED

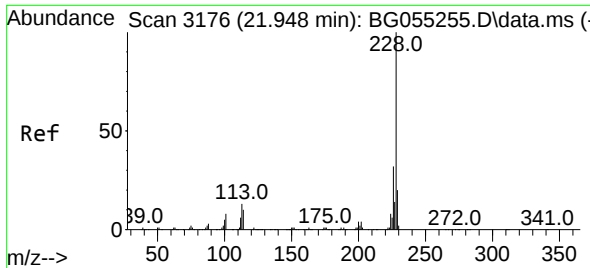
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#82
3,3'-Dichlorobenzidine
Concen: 39.059 ng
RT: 21.771 min Scan# 3146
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

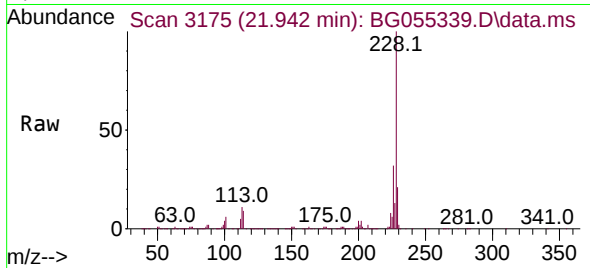
Tgt Ion:252 Resp: 207644
Ion Ratio Lower Upper
252 100
254 65.6 52.2 78.4
126 9.9 8.6 12.8





#83
Chrysene
Concen: 38.055 ng
RT: 21.942 min Scan# 3176
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

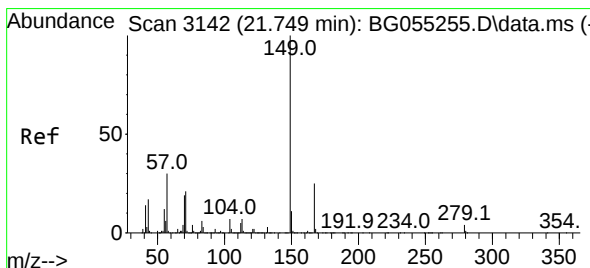
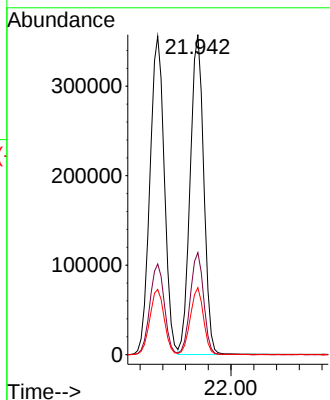
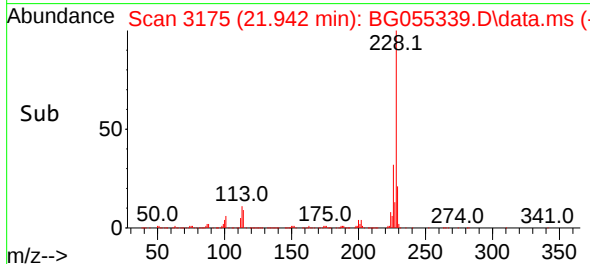
Instrument :
BNA_G
ClientSampleId :
PB148450BS



Tgt Ion:228 Resp: 590041
Ion Ratio Lower Upper
228 100
226 31.9 25.8 38.8
229 20.9 16.3 24.5

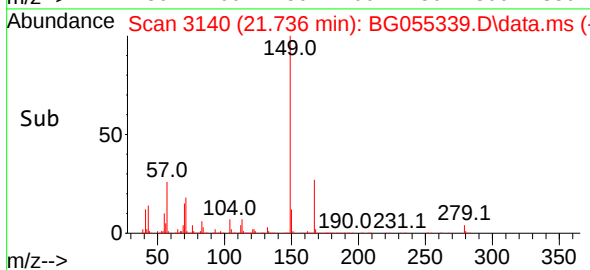
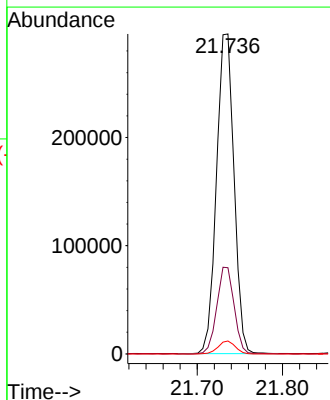
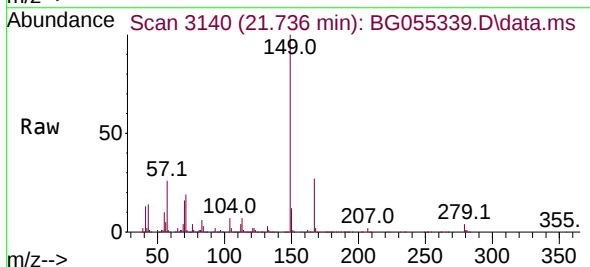
Manual Integrations
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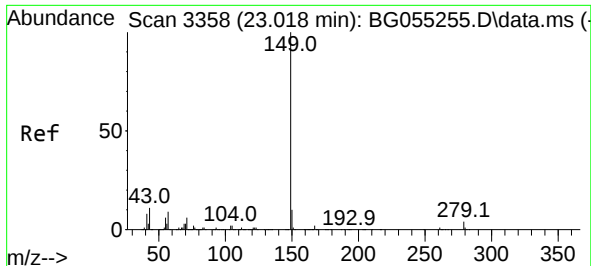
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.471 ng
RT: 21.736 min Scan# 3140
Delta R.T. 0.005 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

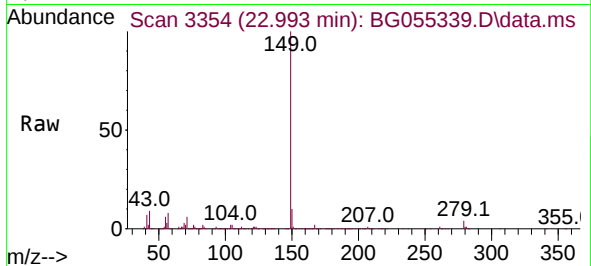
Tgt Ion:149 Resp: 421440
Ion Ratio Lower Upper
149 100
167 27.0 20.2 30.2
279 4.0 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 37.956 ng
RT: 22.993 min Scan# 3358
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

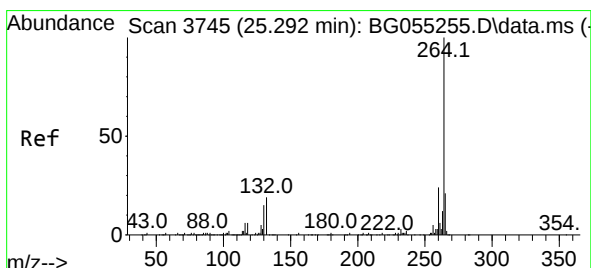
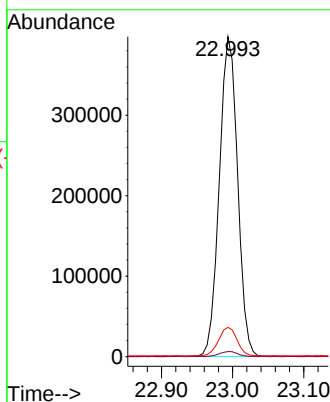
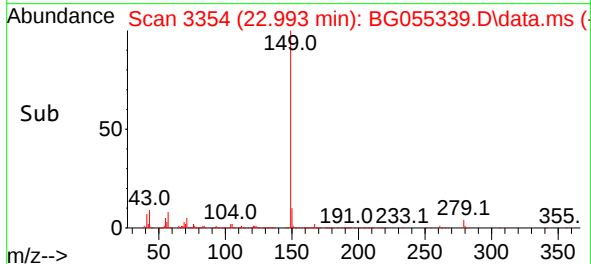
Instrument :
BNA_G
ClientSampleId :
PB148450BS



Tgt Ion:149 Resp: 711185
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.0 8.6 12.8

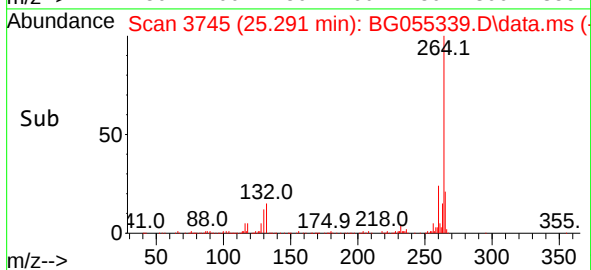
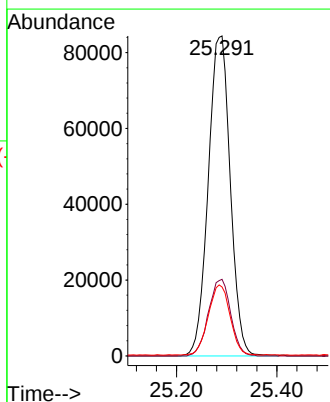
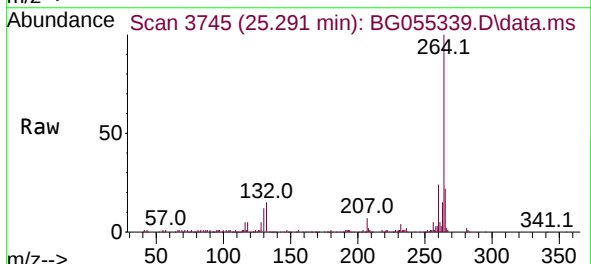
Manual Integrations
APPROVED

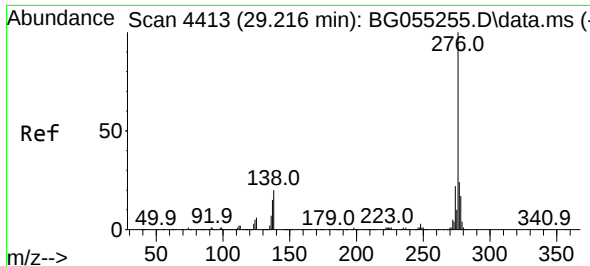
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.291 min Scan# 3745
Delta R.T. 0.005 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Tgt Ion:264 Resp: 256904
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 21.5 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.454 ng
RT: 29.204 min Scan# 4411
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

Instrument :

BNA_G

ClientSampleId :

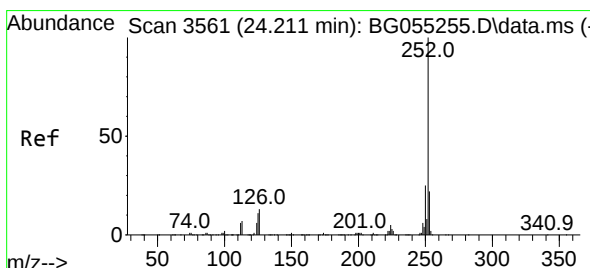
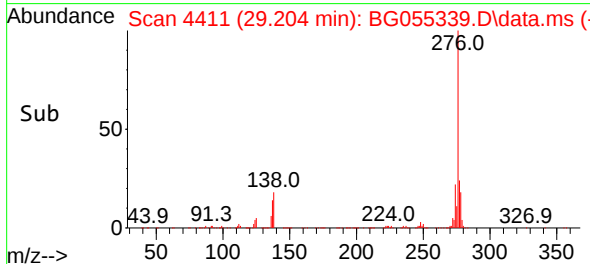
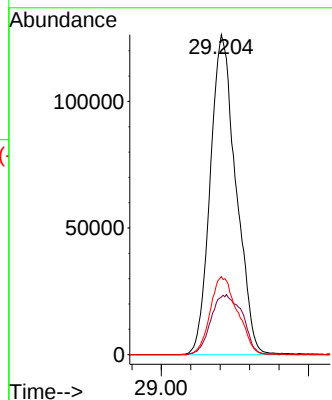
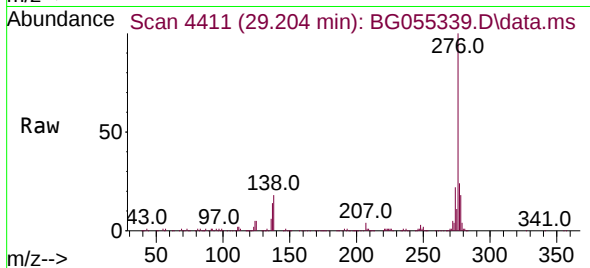
PB148450BS

Tgt Ion:276 Resp: 767593
Ion Ratio Lower Upper
276 100
138 22.9 13.9 20.9
277 25.8 20.3 30.5

Manual Integrations

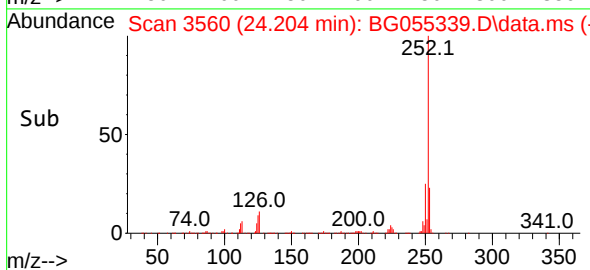
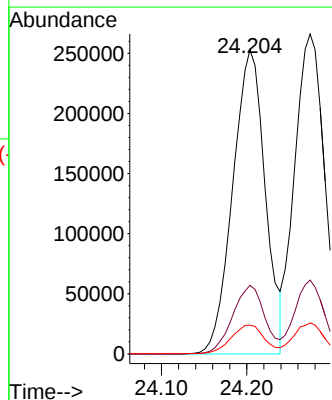
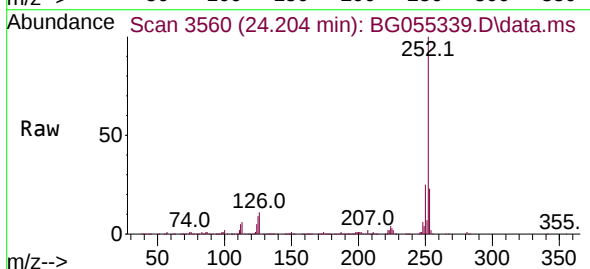
APPROVED

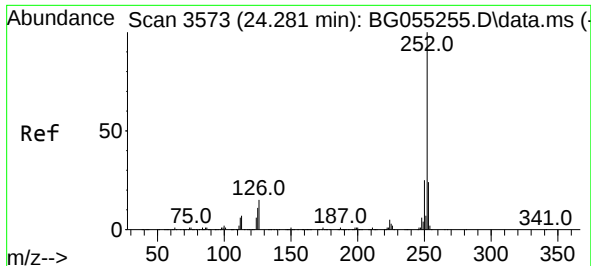
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#88
Benzo(b)fluoranthene
Concen: 43.236 ng
RT: 24.204 min Scan# 3560
Delta R.T. 0.005 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

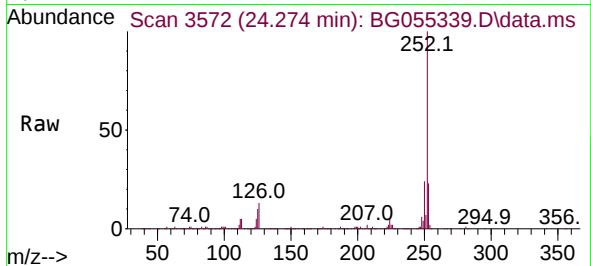
Tgt Ion:252 Resp: 668144
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 9.5 9.0 13.4





#89
Benzo(k)fluoranthene
Concen: 41.403 ng
RT: 24.274 min Scan# 3572
Delta R.T. -0.001 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

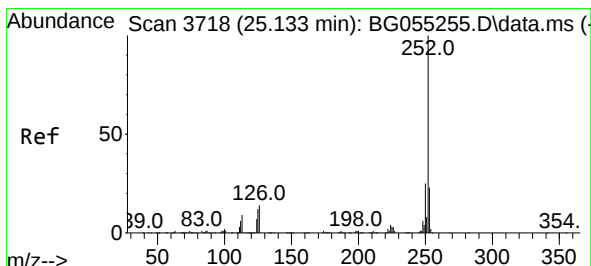
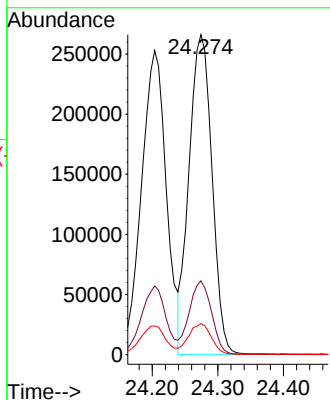
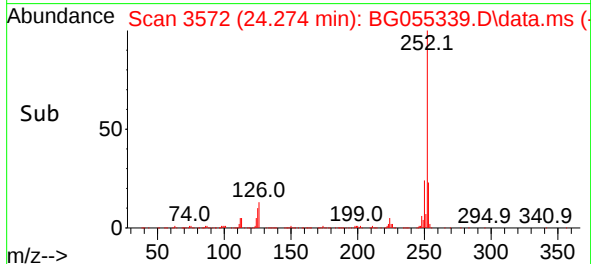
Instrument :
BNA_G
ClientSampleId :
PB148450BS



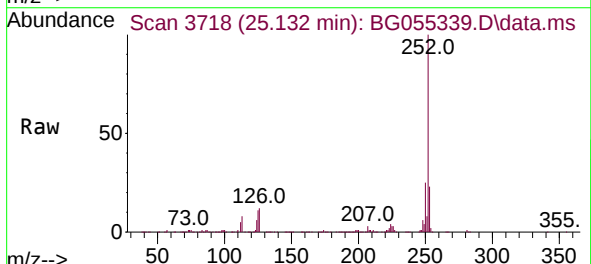
Tgt Ion:252 Resp: 646049
Ion Ratio Lower Upper
252 100
253 23.1 18.6 27.8
125 9.7 9.1 13.7

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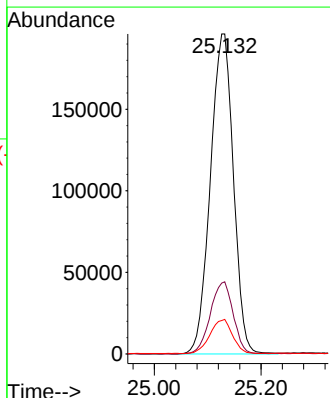
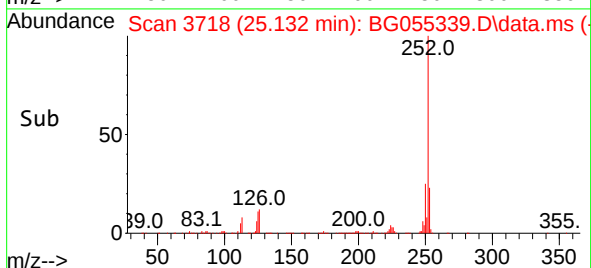
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

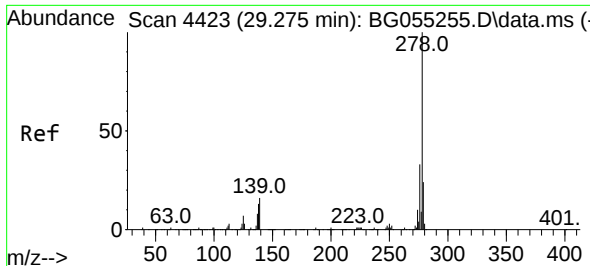


#90
Benzo(a)pyrene
Concen: 44.396 ng
RT: 25.132 min Scan# 3718
Delta R.T. 0.005 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09



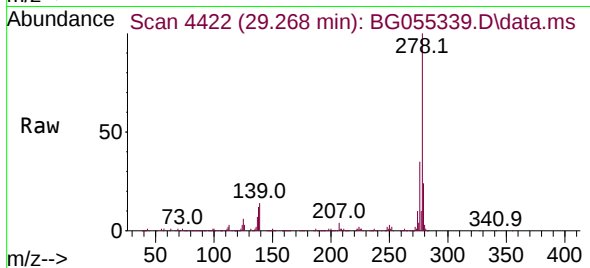
Tgt Ion:252 Resp: 588330
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 10.8 9.8 14.8





#91
Dibenzo(a,h)anthracene
Concen: 43.034 ng
RT: 29.268 min Scan# 4423
Delta R.T. 0.005 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09

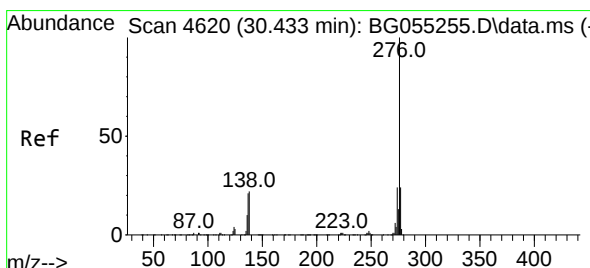
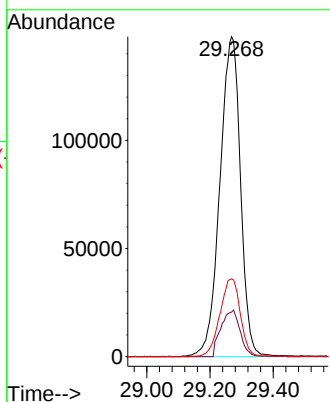
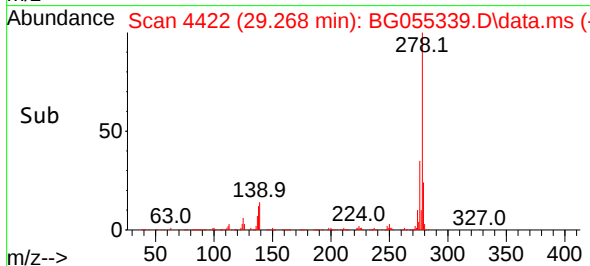
Instrument :
BNA_G
ClientSampleId :
PB148450BS



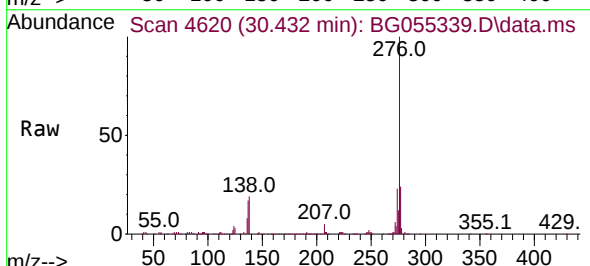
Tgt Ion:278 Resp: 670088
Ion Ratio Lower Upper
278 100
139 13.9 12.9 19.3
279 24.3 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 42.568 ng
RT: 30.432 min Scan# 4620
Delta R.T. -0.007 min
Lab File: BG055339.D
Acq: 28 Oct 2022 13:09



Tgt Ion:276 Resp: 657442
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 19.0 17.2 25.8

