

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
 Data File : BG055738.D
 Acq On : 22 Nov 2022 13:35
 Operator : CG/JU
 Sample : N5598-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-0760533MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/23/2022
 Supervised By : Jagrut Upadhyay 11/23/2022

Quant Time: Nov 23 01:37:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 01:35:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.247	152	43498	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	188551	20.000	ng	0.00
39) Acenaphthene-d10	14.869	164	136132	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	304588	20.000	ng	0.00
76) Chrysene-d12	21.914	240	274231	20.000	ng	0.00
86) Perylene-d12	25.321	264	284261	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.780	112	321373	133.544	ng	0.00
7) Phenol-d6	7.395	99	389063	121.452	ng	0.00
23) Nitrobenzene-d5	9.422	82	299158	83.860	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	252784	131.870	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	746819	82.187	ng	0.00
79) Terphenyl-d14	20.198	244	1209365	88.206	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.612	88	37158	36.131	ng	# 17
3) Pyridine	4.029	79	103037	32.659	ng	98
4) n-Nitrosodimethylamine	3.929	42	66277	39.678	ng	94
6) Aniline	7.560	93	64125	15.937	ng	98
8) 2-Chlorophenol	7.807	128	130807	47.548	ng	98
9) Benzaldehyde	7.372	77	62496m	28.726	ng	
10) Phenol	7.419	94	142864	39.830	ng	99
11) bis(2-Chloroethyl)ether	7.648	93	120023	43.664	ng	97
12) 1,3-Dichlorobenzene	8.136	146	138891	42.941	ng	98
13) 1,4-Dichlorobenzene	8.283	146	138936	42.508	ng	97
14) 1,2-Dichlorobenzene	8.606	146	137370	43.860	ng	97
15) Benzyl Alcohol	8.482	79	122882m	47.199	ng	
16) 2,2'-oxybis(1-Chloropr...	8.770	45	218205	43.850	ng	98
17) 2-Methylphenol	8.688	107	115270	45.265	ng	98
18) Hexachloroethane	9.340	117	48891	43.461	ng	100
19) n-Nitroso-di-n-propyla...	9.052	70	105560	42.887	ng	99
20) 3+4-Methylphenols	9.011	107	157255	44.206	ng	99
22) Acetophenone	9.076	105	206788	42.206	ng	# 98
24) Nitrobenzene	9.463	77	156413	41.977	ng	99
25) Isophorone	9.981	82	301576	44.617	ng	98
26) 2-Nitrophenol	10.180	139	78574	45.679	ng	97
27) 2,4-Dimethylphenol	10.227	122	133311m	50.922	ng	
28) bis(2-Chloroethoxy)met...	10.462	93	171240	47.191	ng	99
29) 2,4-Dichlorophenol	10.721	162	142056	45.335	ng	98
30) 1,2,4-Trichlorobenzene	10.932	180	154494	42.439	ng	97
31) Naphthalene	11.126	128	424968	41.693	ng	99
32) Benzoic acid	10.351	122	45737	21.235	ng	97
33) 4-Chloroaniline	11.232	127	16843	4.006	ng	93
34) Hexachlorobutadiene	11.402	225	100955	40.613	ng	95
35) Caprolactam	12.002	113	39529m	36.454	ng	
36) 4-Chloro-3-methylphenol	12.337	107	155939	45.278	ng	98
37) 2-Methylnaphthalene	12.713	142	322681	42.281	ng	99
38) 1-Methylnaphthalene	12.930	142	304540	41.105	ng	100
40) 1,2,4,5-Tetrachloroben...	13.077	216	188865	44.148	ng	99
41) Hexachlorocyclopentadiene	13.053	237	124471	57.729	ng	97
43) 2,4,6-Trichlorophenol	13.312	196	129128	44.249	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.388	196	141010	43.971	ng	98
46) 1,1'-Biphenyl	13.706	154	436403	43.992	ng	99
47) 2-Chloronaphthalene	13.758	162	333461	43.247	ng	99
48) 2-Nitroaniline	13.952	65	111983	44.174	ng	96
49) Acenaphthylene	14.599	152	545028	42.925	ng	100
50) Dimethylphthalate	14.311	163	447068	41.197	ng	99
51) 2,6-Dinitrotoluene	14.440	165	96977	43.705	ng	100
52) Acenaphthene	14.934	154	354520m	42.721	ng	
53) 3-Nitroaniline	14.769	138	44439	18.244	ng	98
54) 2,4-Dinitrophenol	14.975	184	51339	40.242	ng	98
55) Dibenzofuran	15.268	168	533357	41.663	ng	99
56) 4-Nitrophenol	15.075	139	145422	76.068	ng	96
57) 2,4-Dinitrotoluene	15.221	165	135164	43.206	ng	98
58) Fluorene	15.915	166	421988	41.271	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.492	232	129500	41.675	ng	98
60) Diethylphthalate	15.668	149	448220	40.853	ng	100
61) 4-Chlorophenyl-phenyle...	15.897	204	237119	42.188	ng	97
62) 4-Nitroaniline	15.932	138	98323	38.615	ng	98
63) Azobenzene	16.191	77	399231	41.679	ng	99
65) 4,6-Dinitro-2-methylph...	15.985	198	45434	26.714	ng	98
66) n-Nitrosodiphenylamine	16.109	169	379263	45.182	ng	99
67) 4-Bromophenyl-phenylether	16.790	248	156415	45.071	ng	98
68) Hexachlorobenzene	16.919	284	170924	44.417	ng	98
69) Atrazine	17.049	200	154174	46.440	ng	99
70) Pentachlorophenol	17.260	266	181478	77.093	ng	98
71) Phenanthrene	17.654	178	687050	41.799	ng	100
72) Anthracene	17.748	178	703275	44.036	ng	99
73) Carbazole	18.012	167	624286	43.482	ng	100
74) Di-n-butylphthalate	18.547	149	755115	42.357	ng	100
75) Fluoranthene	19.652	202	773258	38.669	ng	99
77) Benzidine	19.822	184	85242	13.436	ng	97
78) Pyrene	20.016	202	791000	42.614	ng	99
80) Butylbenzylphthalate	20.880	149	314584	43.291	ng	99
81) Benzo(a)anthracene	21.890	228	788152	41.728	ng	100
82) 3,3'-Dichlorobenzidine	21.790	252	134167	20.215	ng	98
83) Chrysene	21.961	228	743543	41.351	ng	99
84) Bis(2-ethylhexyl)phtha...	21.761	149	459987	44.046	ng	99
85) Di-n-octyl phthalate	23.030	149	792973	44.370	ng	100
87) Indeno(1,2,3-cd)pyrene	29.252	276	771955	33.149	ng	# 94
88) Benzo(b)fluoranthene	24.234	252	786535	42.486	ng	99
89) Benzo(k)fluoranthene	24.305	252	829576	44.955	ng	99
90) Benzo(a)pyrene	25.163	252	700373	44.087	ng	99
91) Dibenzo(a,h)anthracene	29.323	278	680636	35.767	ng	100
92) Benzo(g,h,i)perylene	30.492	276	578026	30.137	ng	97

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

Manual Integrations

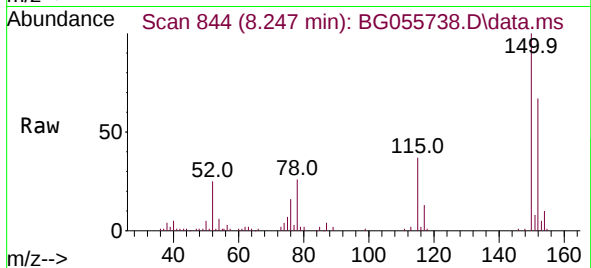
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.247 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

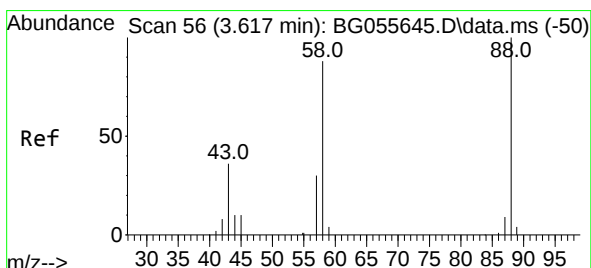
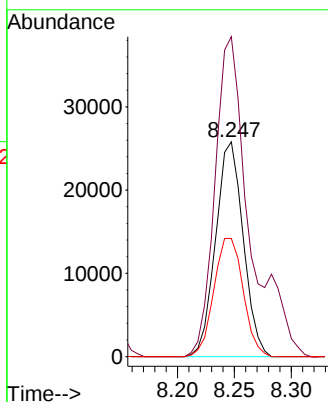
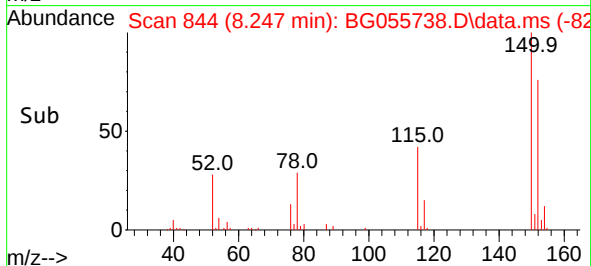
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



Tgt Ion:152 Resp: 43498
Ion Ratio Lower Upper
152 100
150 149.0 123.0 184.6
115 55.0 47.0 70.4

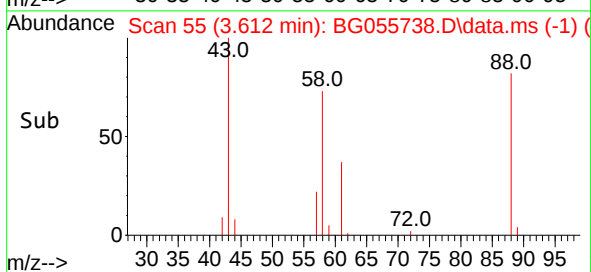
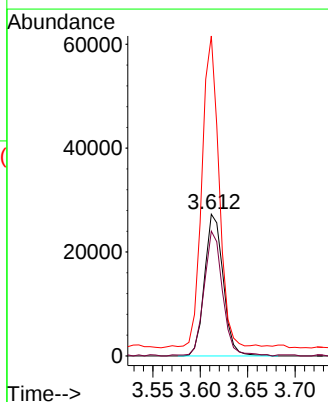
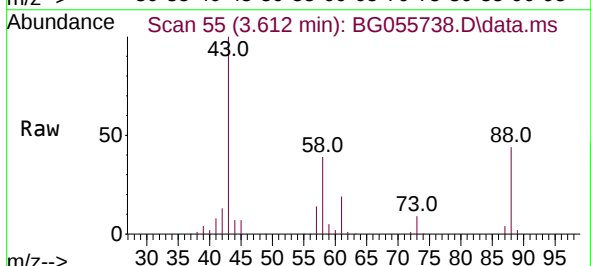
Manual Integrations
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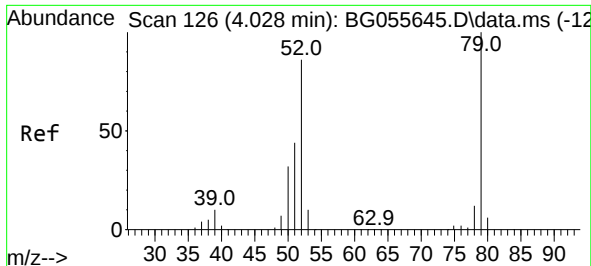
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#2
1,4-Dioxane
Concen: 36.131 ng
RT: 3.612 min Scan# 55
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

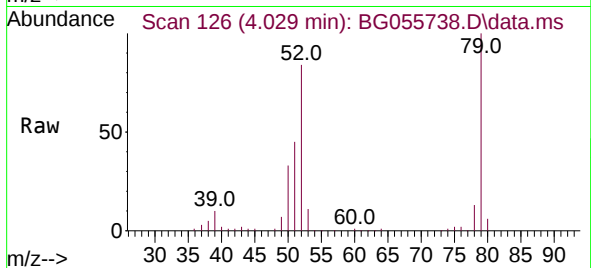
Tgt Ion: 88 Resp: 37158
Ion Ratio Lower Upper
88 100
58 87.8 71.3 106.9
43 203.6 28.6 43.0#





#3
Pyridine
Concen: 32.659 ng
RT: 4.029 min Scan# 110
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

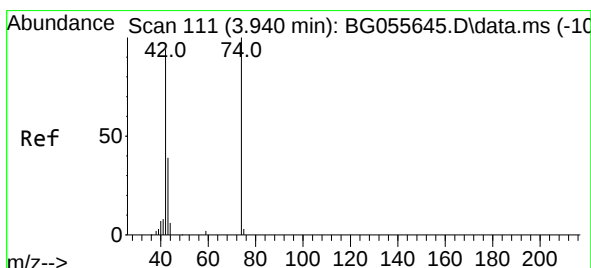
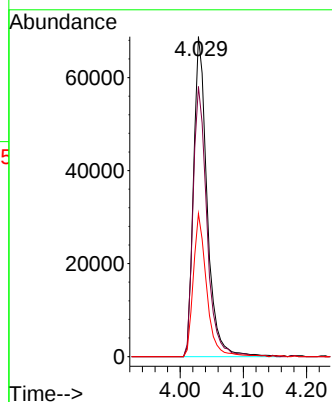
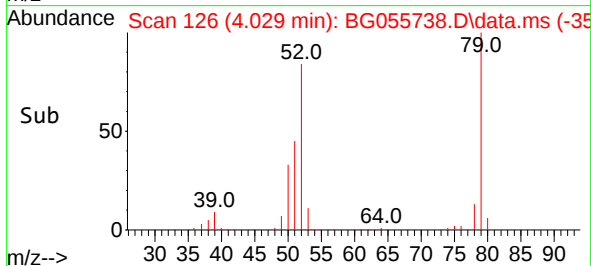
Instrument :
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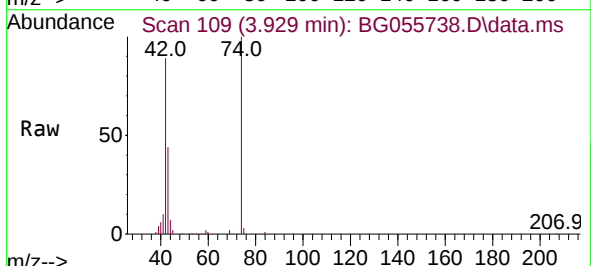
Tgt Ion: 79 Resp: 103037
Ion Ratio Lower Upper
79 100
52 84.4 68.9 103.3
51 44.7 34.8 52.2

Manual Integrations
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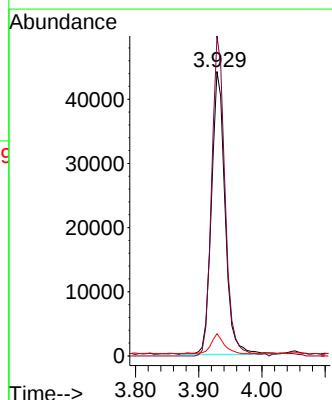
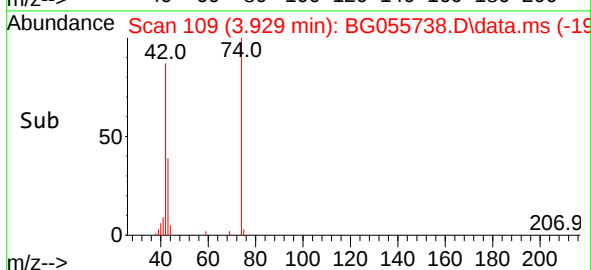
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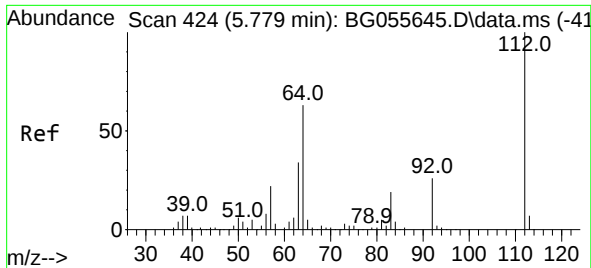


#4
n-Nitrosodimethylamine
Concen: 39.678 ng
RT: 3.929 min Scan# 109
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35



Tgt Ion: 42 Resp: 66277
Ion Ratio Lower Upper
42 100
74 112.5 84.7 127.1
44 7.8 5.4 8.0





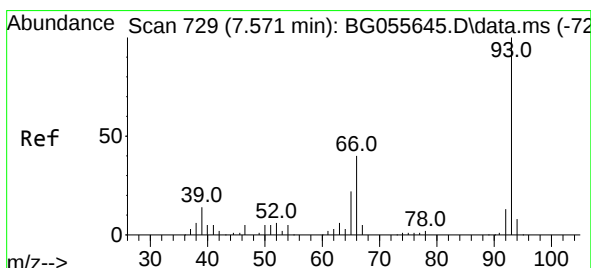
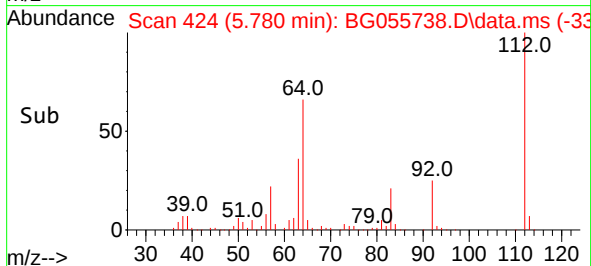
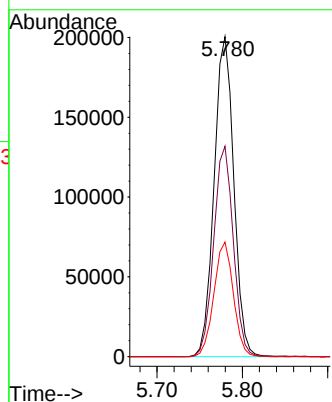
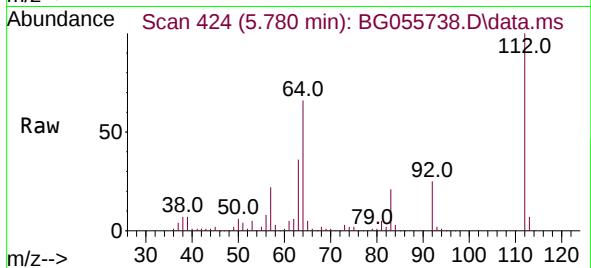
#5
2-Fluorophenol
Concen: 133.544 ng
RT: 5.780 min Scan# 41
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

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Tgt Ion:112 Resp: 321373
Ion Ratio Lower Upper
112 100
64 65.7 50.6 76.0
63 35.8 27.5 41.3

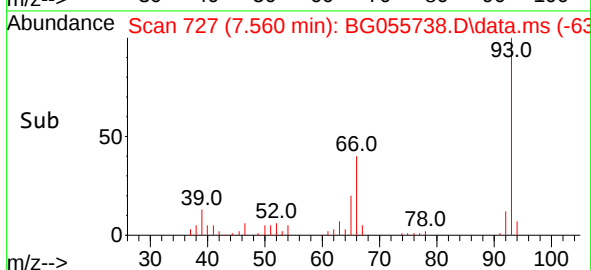
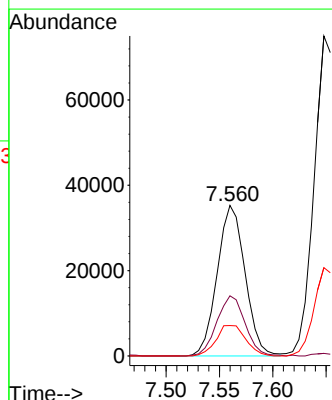
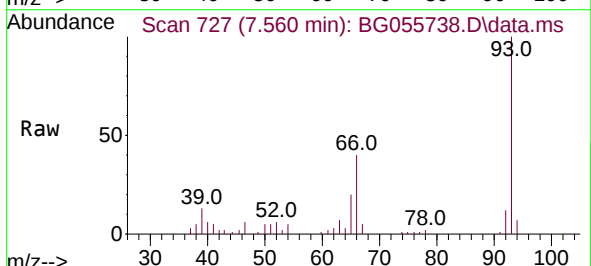
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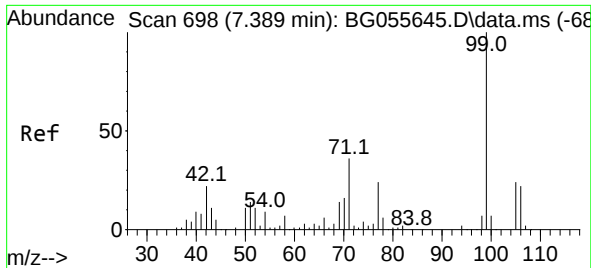
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#6
Aniline
Concen: 15.937 ng
RT: 7.560 min Scan# 727
Delta R.T. 0.001 min
Lab File: BG055738.D
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Tgt Ion: 93 Resp: 64125
Ion Ratio Lower Upper
93 100
66 39.9 31.7 47.5
65 20.2 17.9 26.9





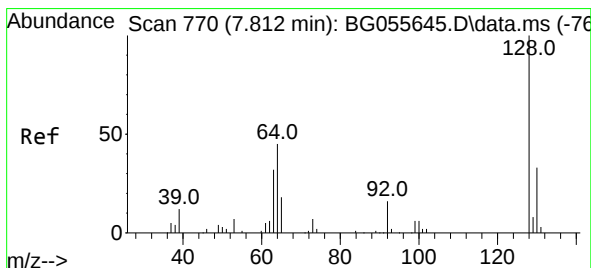
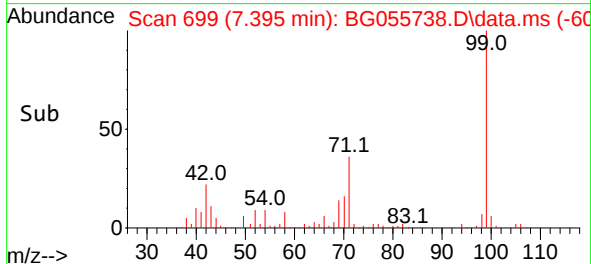
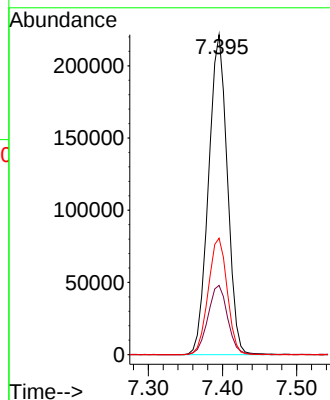
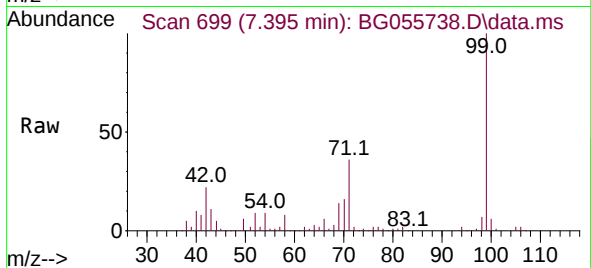
#7
Phenol-d6
Concen: 121.452 ng
RT: 7.395 min Scan# 699
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

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Tgt Ion: 99 Resp: 389063
Ion Ratio Lower Upper
99 100
42 21.6 18.0 27.0
71 36.4 29.0 43.6

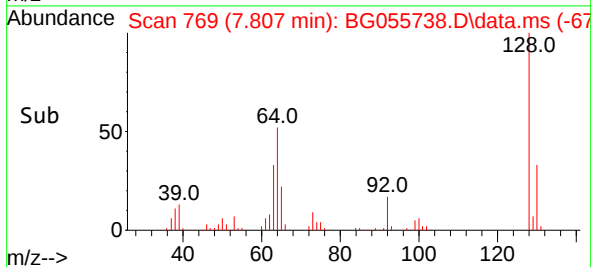
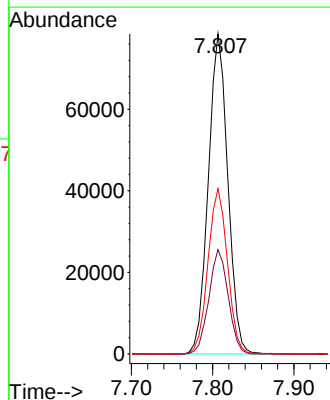
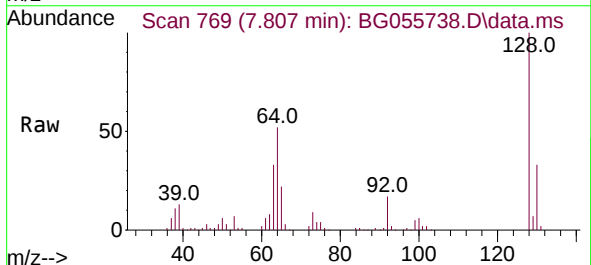
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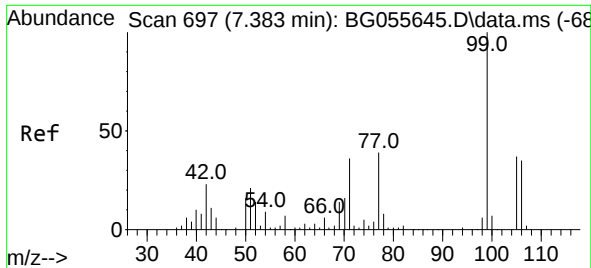
Reviewed By :Christian Giraldo 11/23/2022
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#8
2-Chlorophenol
Concen: 47.548 ng
RT: 7.807 min Scan# 769
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

Tgt Ion:128 Resp: 130807
Ion Ratio Lower Upper
128 100
130 32.6 13.1 53.1
64 51.6 30.2 70.2





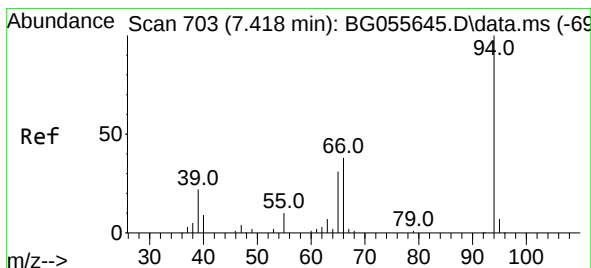
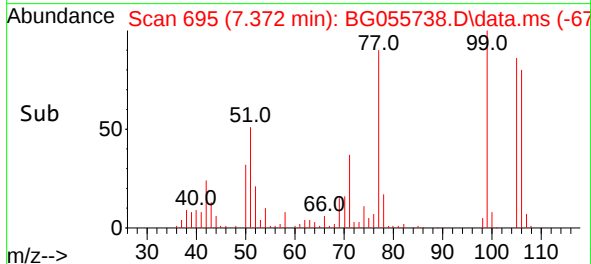
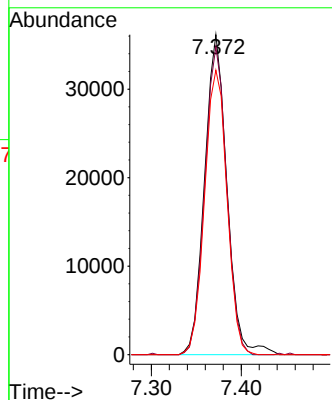
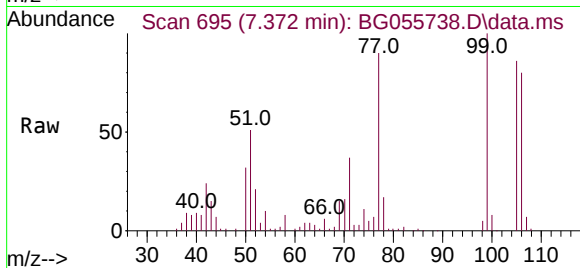
#9
Benzaldehyde
Concen: 28.726 ng m
RT: 7.372 min Scan# 69
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD

Tgt Ion: 77 Resp: 62496
Ion Ratio Lower Upper
77 100
105 96.2 76.3 116.3
106 88.9 69.8 109.8

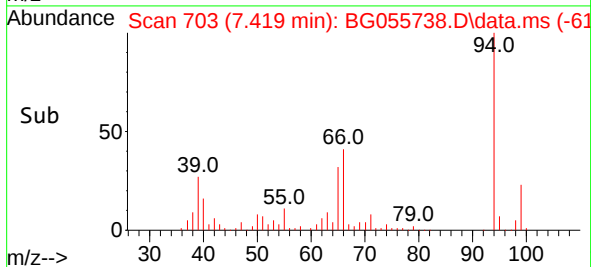
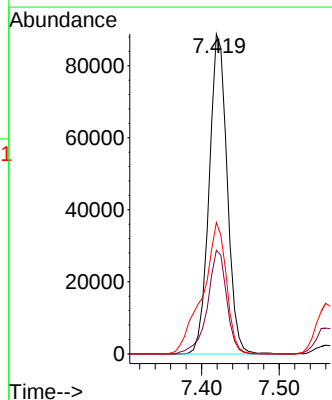
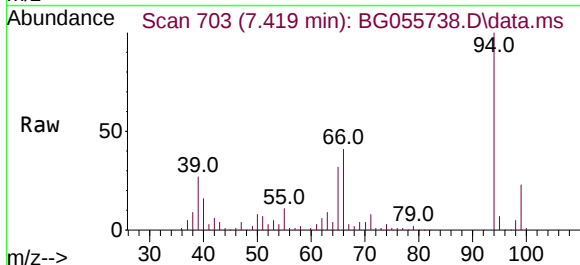
Manual Integrations
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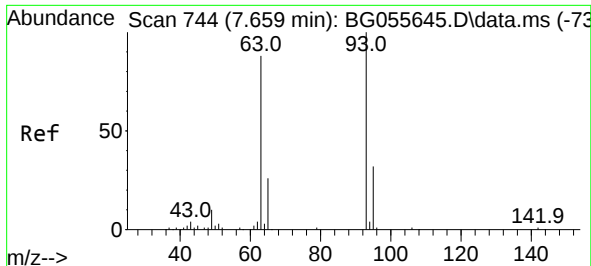
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#10
Phenol
Concen: 39.830 ng
RT: 7.419 min Scan# 703
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

Tgt Ion: 94 Resp: 142864
Ion Ratio Lower Upper
94 100
65 32.4 11.8 51.8
66 41.1 20.5 60.5





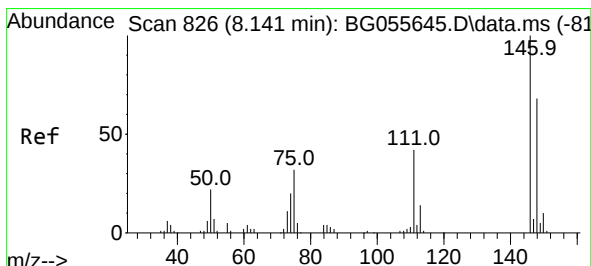
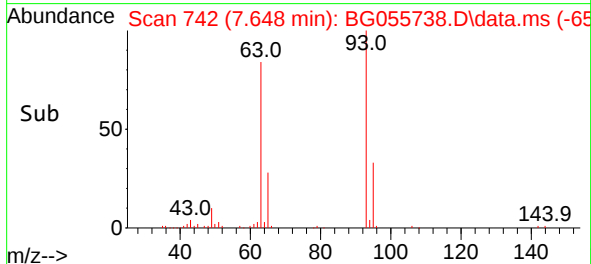
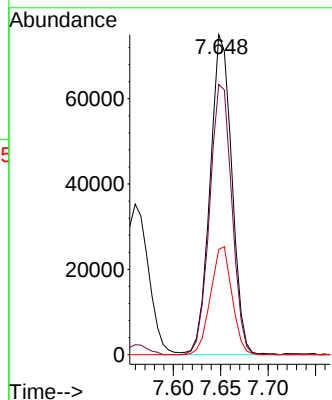
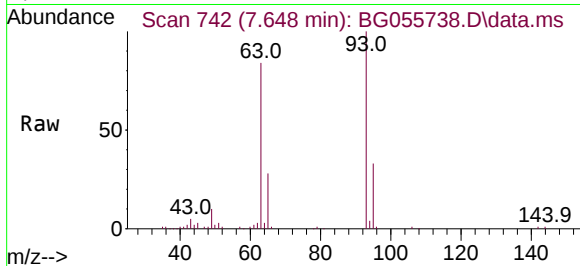
#11
bis(2-Chloroethyl)ether
Concen: 43.664 ng
RT: 7.648 min Scan# 744
Delta R.T. -0.004 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD

Tgt Ion: 93 Resp: 120023
Ion Ratio Lower Upper
93 100
63 84.4 67.6 107.6
95 32.9 11.8 51.8

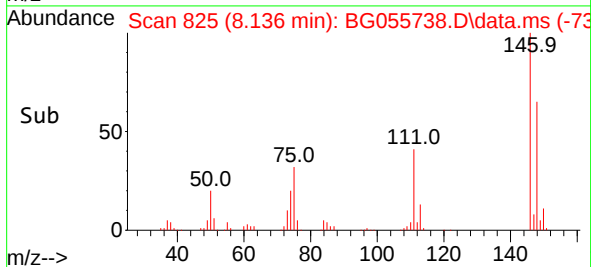
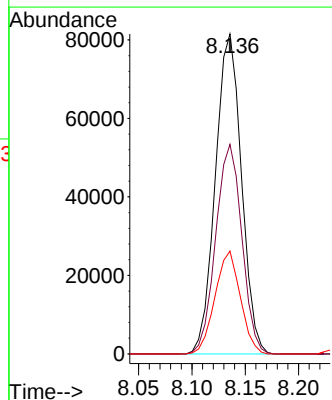
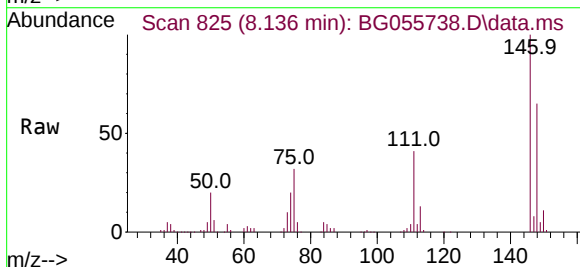
Manual Integrations
APPROVED

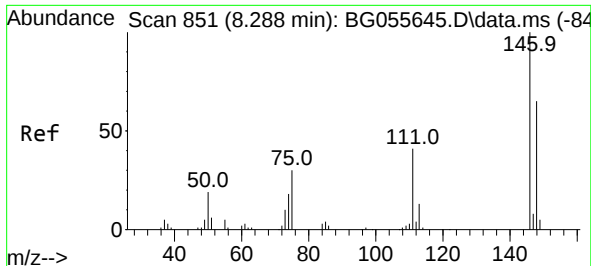
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#12
1,3-Dichlorobenzene
Concen: 42.941 ng
RT: 8.136 min Scan# 825
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

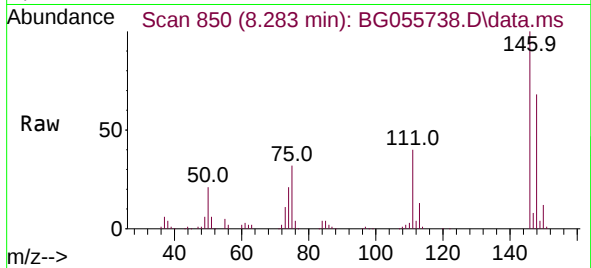
Tgt Ion:146 Resp: 138891
Ion Ratio Lower Upper
146 100
148 65.5 54.6 81.8
75 32.1 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 42.508 ng
RT: 8.283 min Scan# 851
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

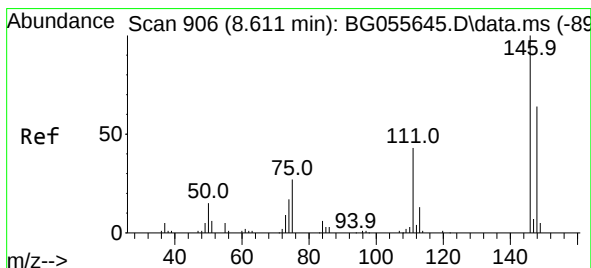
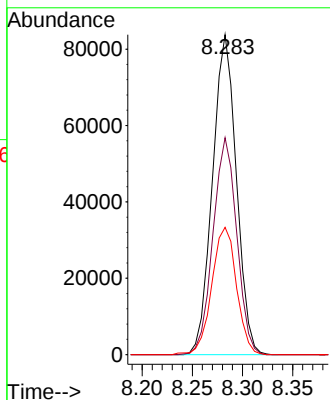
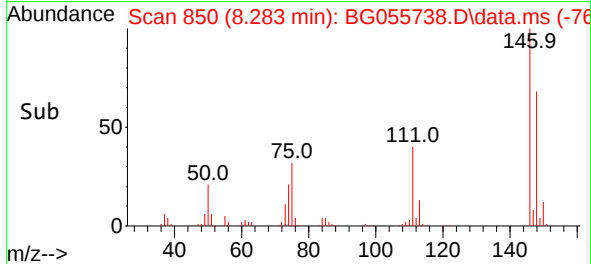
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



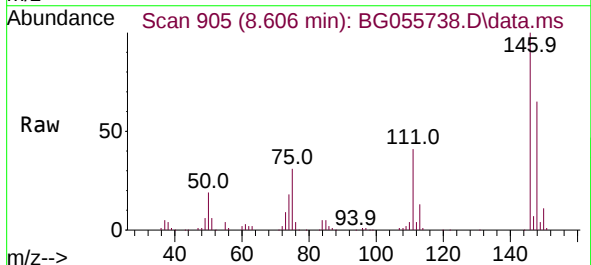
Tgt Ion:146 Resp: 138936
Ion Ratio Lower Upper
146 100
148 67.8 52.1 78.1
111 39.8 33.0 49.4

Manual Integrations
APPROVED

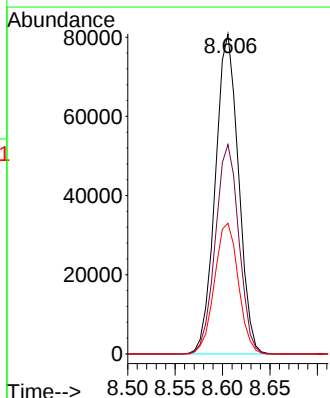
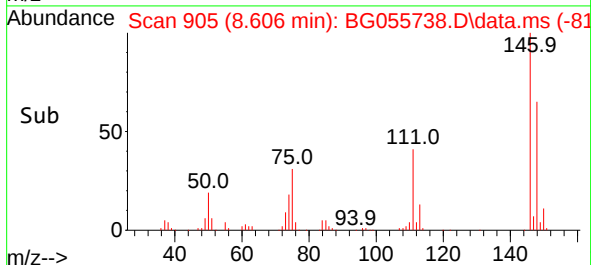
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#14
1,2-Dichlorobenzene
Concen: 43.860 ng
RT: 8.606 min Scan# 905
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35



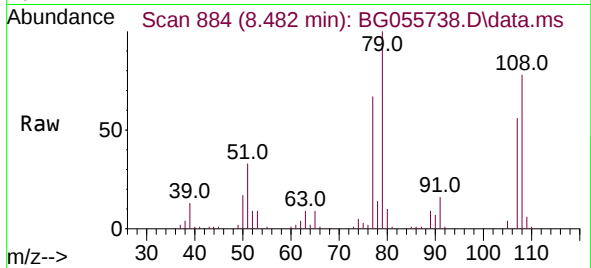
Tgt Ion:146 Resp: 137370
Ion Ratio Lower Upper
146 100
148 65.4 50.9 76.3
111 40.8 34.5 51.7





#15
Benzyl Alcohol
Concen: 47.199 ng m
RT: 8.482 min Scan# 885
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

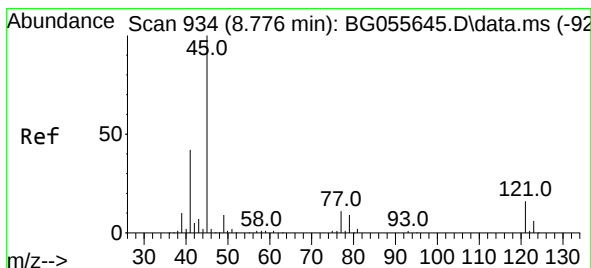
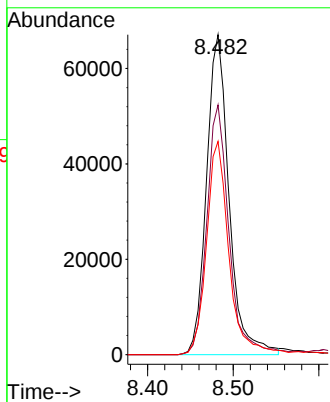
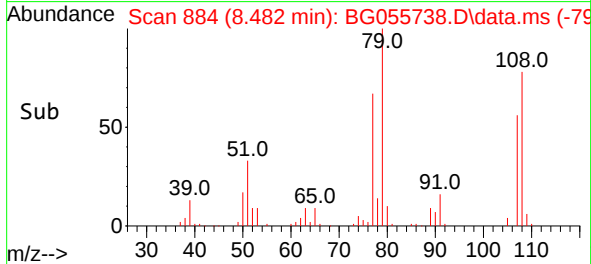
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



Tgt Ion: 79 Resp: 122882
Ion Ratio Lower Upper
79 100
108 78.0 62.6 93.8
77 66.6 52.4 78.6

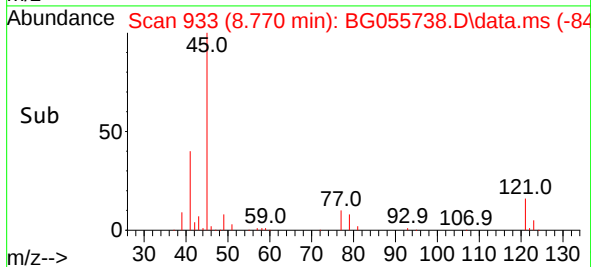
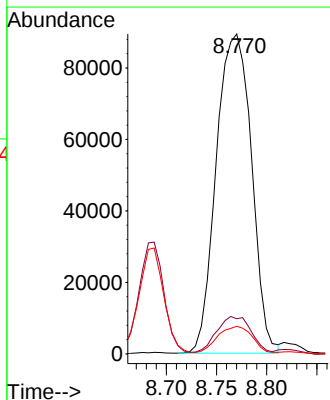
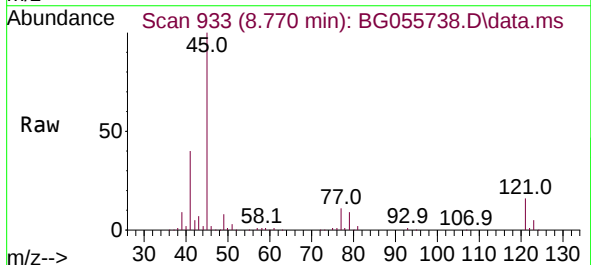
Manual Integrations
APPROVED

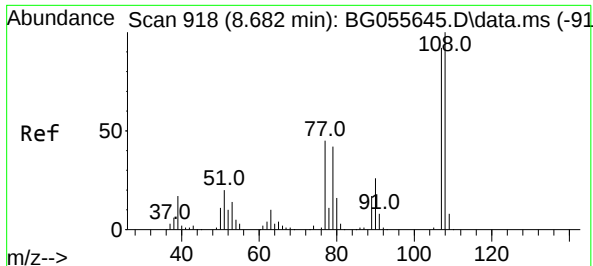
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.850 ng
RT: 8.770 min Scan# 933
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

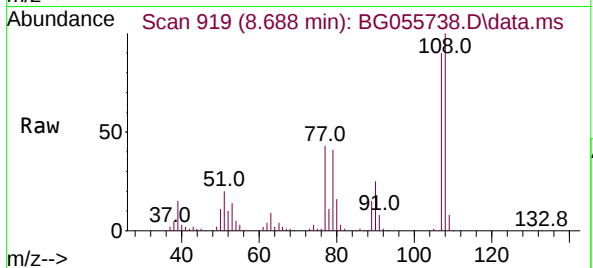
Tgt Ion: 45 Resp: 218205
Ion Ratio Lower Upper
45 100
77 11.0 0.0 31.7
79 8.7 0.0 29.5





#17
2-Methylphenol
Concen: 45.265 ng
RT: 8.688 min Scan# 918
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

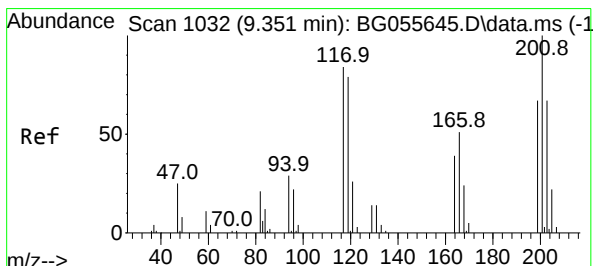
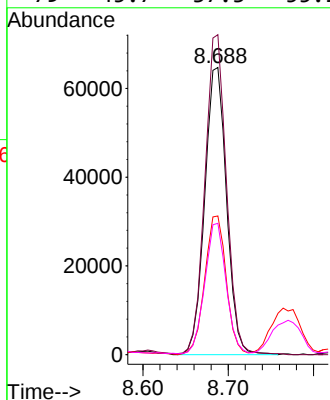
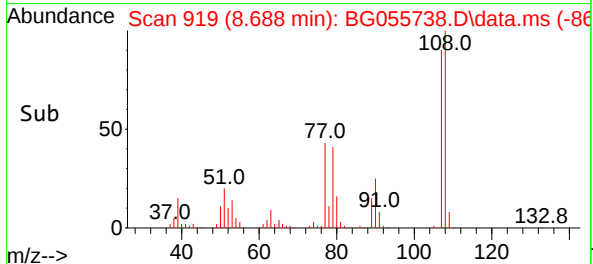
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



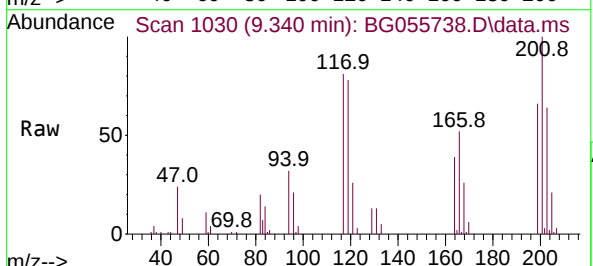
Tgt Ion:	107	Resp:	115270
Ion Ratio	Lower	Upper	
107	100		
108	111.4	87.3	130.9
77	48.3	39.4	59.0
79	45.7	37.3	55.9

Manual Integrations
APPROVED

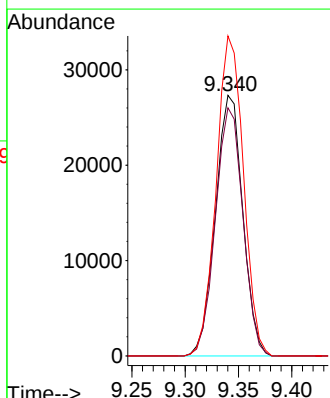
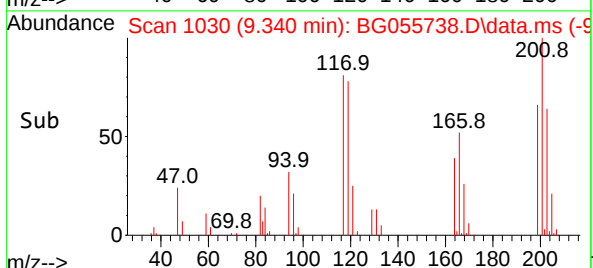
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

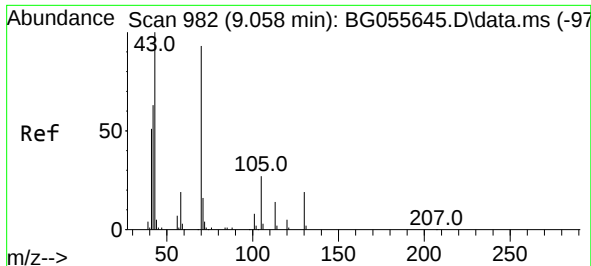


#18
Hexachloroethane
Concen: 43.461 ng
RT: 9.340 min Scan# 1030
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35



Tgt Ion:	117	Resp:	48891
Ion Ratio	Lower	Upper	
117	100		
119	95.2	76.0	114.0
201	122.8	98.6	148.0





#19

n-Nitroso-di-n-propylamine

Concen: 42.887 ng

RT: 9.052 min Scan# 981

Delta R.T. 0.007 min

Lab File: BG055738.D

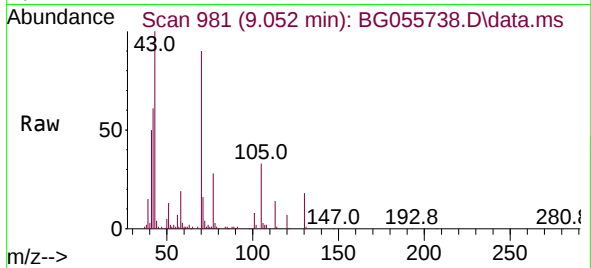
Acq: 22 Nov 2022 13:35

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-0760533MSD



Tgt Ion: 70 Resp: 105560

Ion Ratio Lower Upper

70 100

42 68.3 55.2 82.8

101 9.0 7.1 10.7

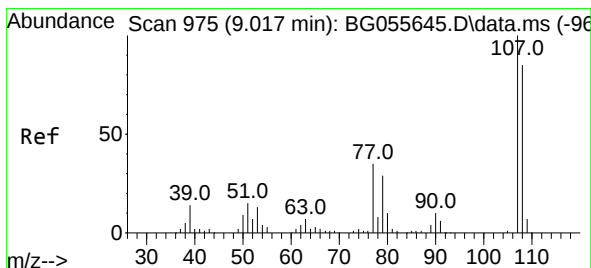
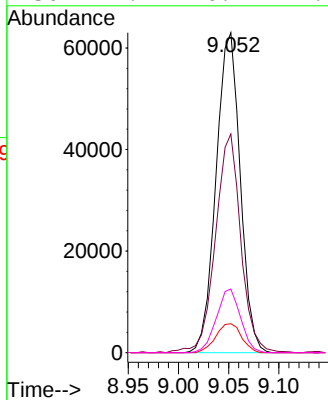
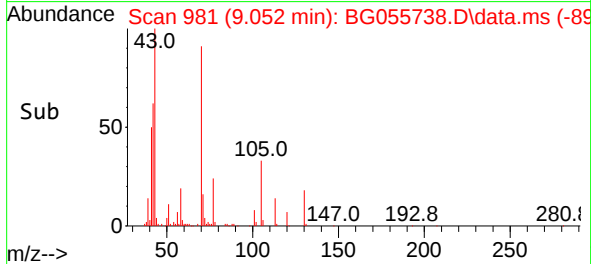
130 19.9 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#20

3+4-Methylphenols

Concen: 44.206 ng

RT: 9.011 min Scan# 974

Delta R.T. 0.001 min

Lab File: BG055738.D

Acq: 22 Nov 2022 13:35

Tgt Ion:107 Resp: 157255

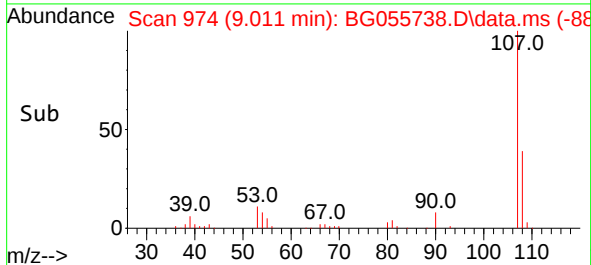
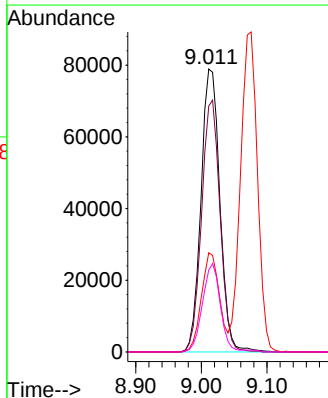
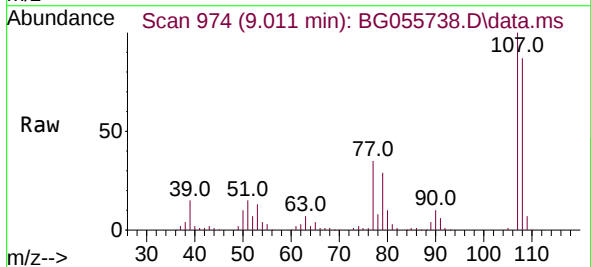
Ion Ratio Lower Upper

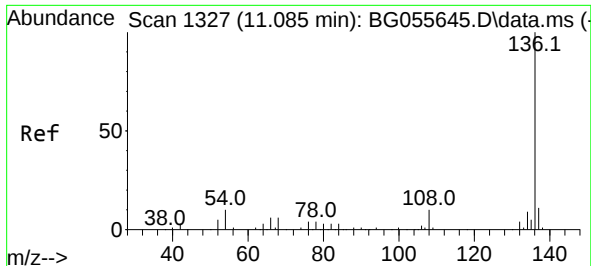
107 100

108 86.9 65.5 105.5

77 35.1 14.6 54.6

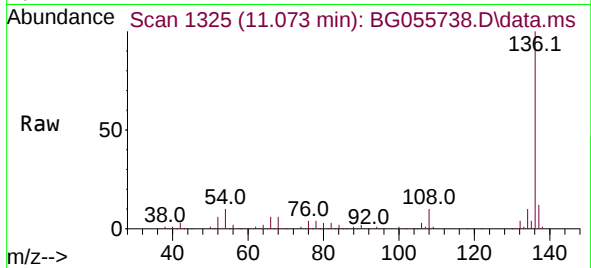
79 28.9 9.4 49.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1325
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

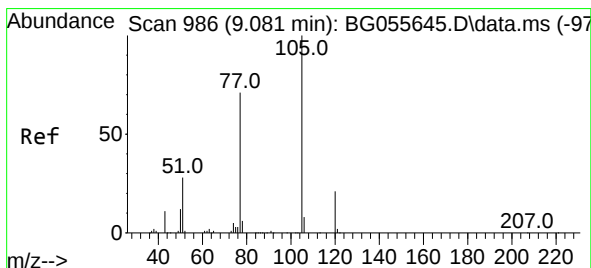
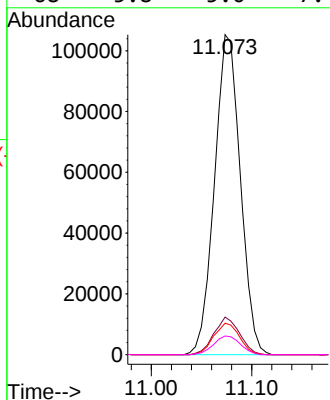
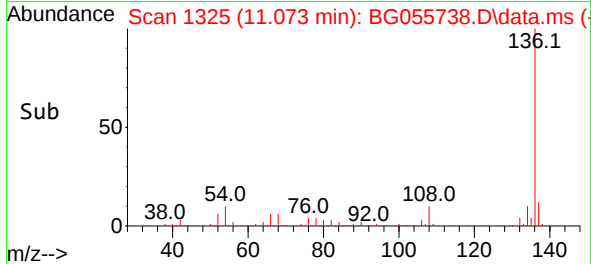
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



Tgt Ion:136 Resp: 188551
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.6
54 9.8 7.8 11.6
68 5.8 5.0 7.4

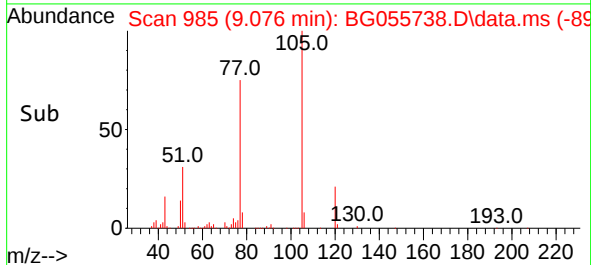
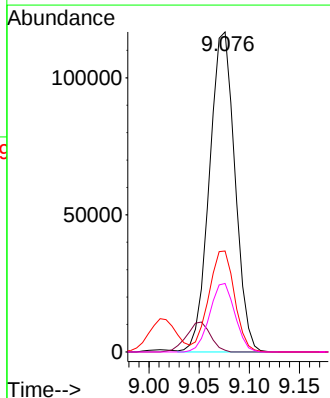
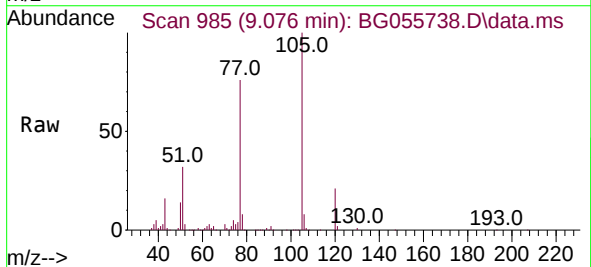
Manual Integrations
APPROVED

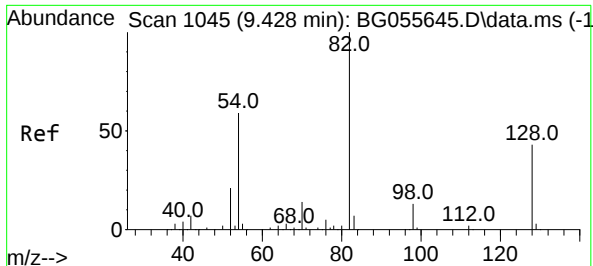
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#22
Acetophenone
Concen: 42.206 ng
RT: 9.076 min Scan# 985
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

Tgt Ion:105 Resp: 206788
Ion Ratio Lower Upper
105 100
71 0.5 0.6 1.0#
51 31.5 24.5 36.7
120 21.4 16.6 25.0





#23

Nitrobenzene-d5

Concen: 83.860 ng

RT: 9.422 min Scan# 1044

Delta R.T. 0.007 min

Lab File: BG055738.D

Acq: 22 Nov 2022 13:35

Instrument :

BNA_G

ClientSampleId :

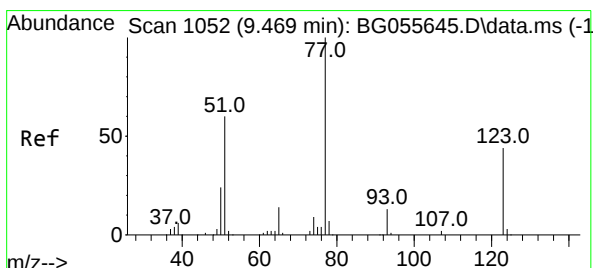
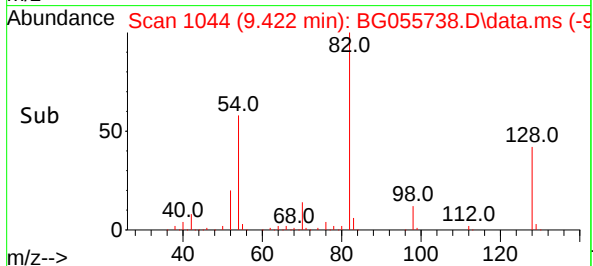
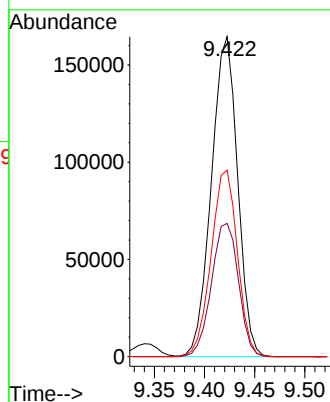
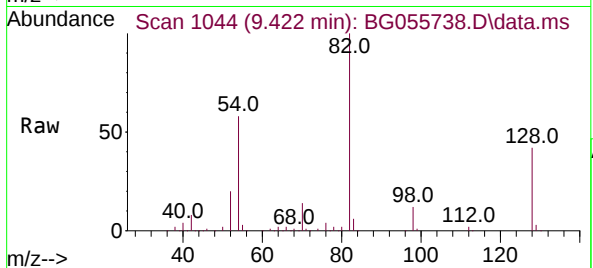
FRAC-TANK-0760533MSD

Tgt Ion: 82 Resp: 299158
 Ion Ratio Lower Upper
 82 100
 128 41.6 34.1 51.1
 54 58.3 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022



#24

Nitrobenzene

Concen: 41.977 ng

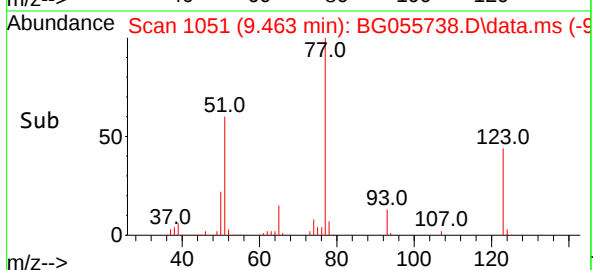
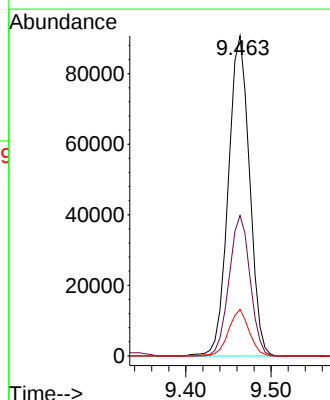
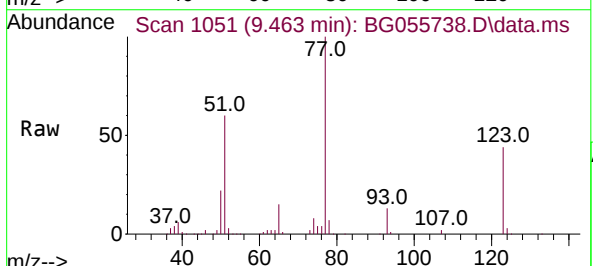
RT: 9.463 min Scan# 1051

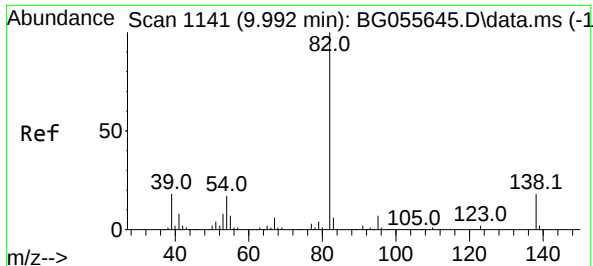
Delta R.T. 0.001 min

Lab File: BG055738.D

Acq: 22 Nov 2022 13:35

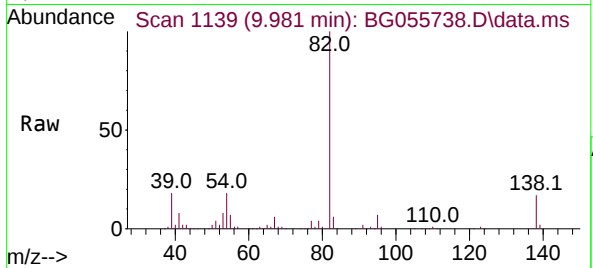
Tgt Ion: 77 Resp: 156413
 Ion Ratio Lower Upper
 77 100
 123 43.9 35.5 53.3
 65 14.5 11.5 17.3





#25
Isophorone
Concen: 44.617 ng
RT: 9.981 min Scan# 1141
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

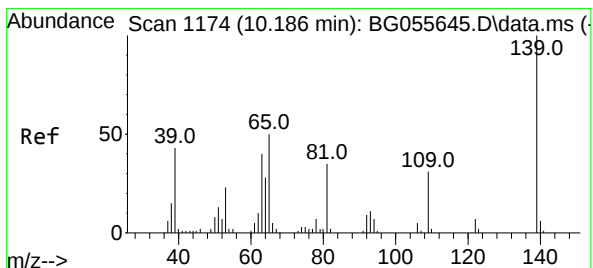
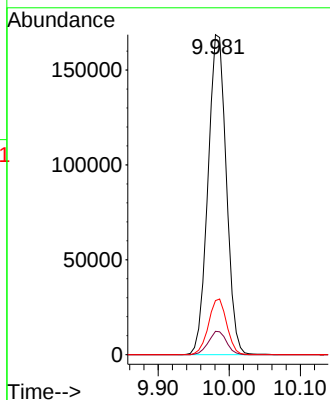
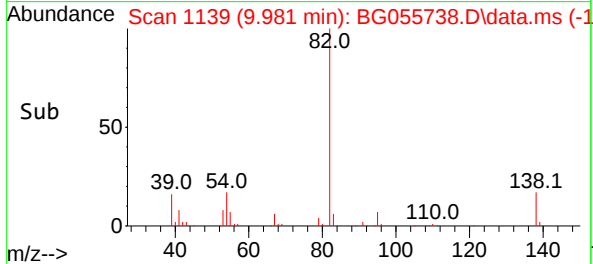
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



Tgt Ion: 82 Resp: 301576
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 16.9 14.2 21.4

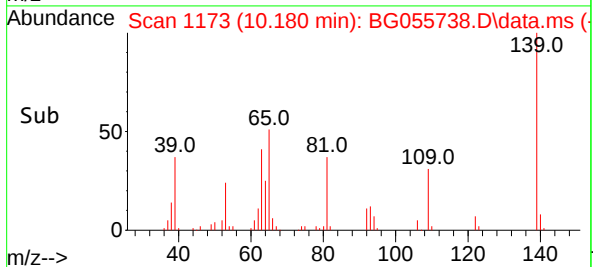
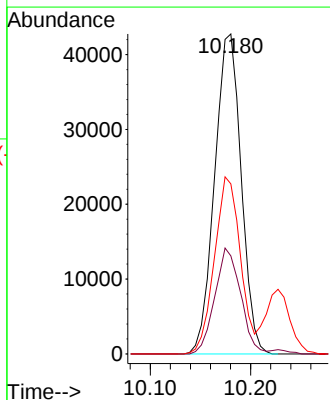
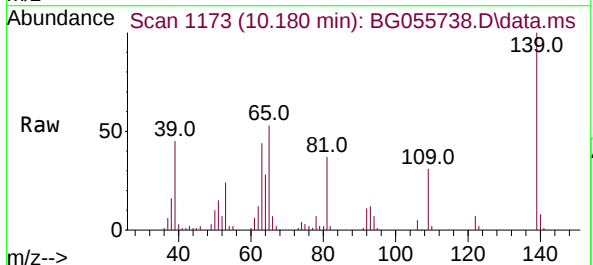
Manual Integrations
APPROVED

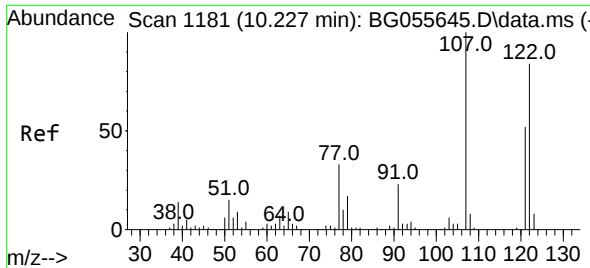
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#26
2-Nitrophenol
Concen: 45.679 ng
RT: 10.180 min Scan# 1173
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

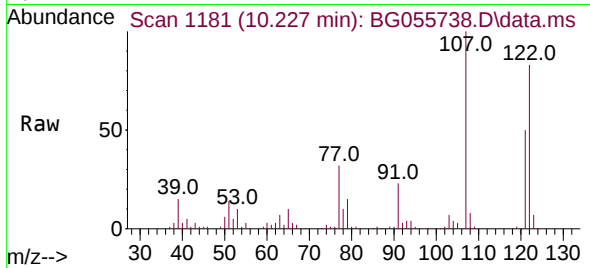
Tgt Ion:139 Resp: 78574
Ion Ratio Lower Upper
139 100
109 30.6 24.4 36.6
65 53.1 40.2 60.2





#27
2,4-Dimethylphenol
Concen: 50.922 ng m
RT: 10.227 min Scan# 1181
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

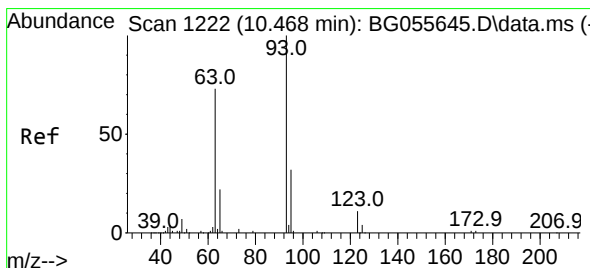
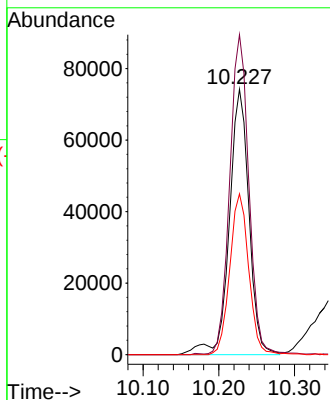
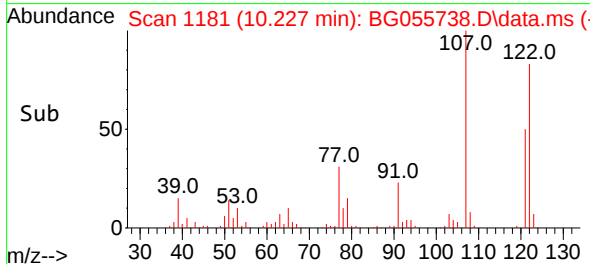
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



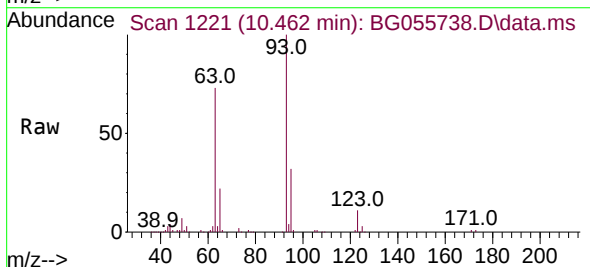
Tgt Ion:122 Resp: 13331
Ion Ratio Lower Upper
122 100
107 120.6 95.8 143.6
121 60.6 49.6 74.4

Manual Integrations
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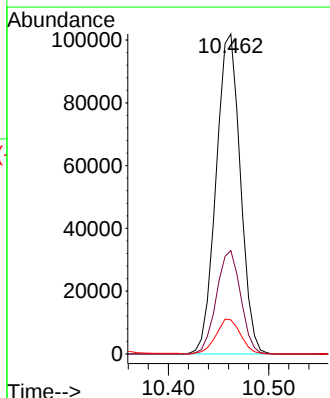
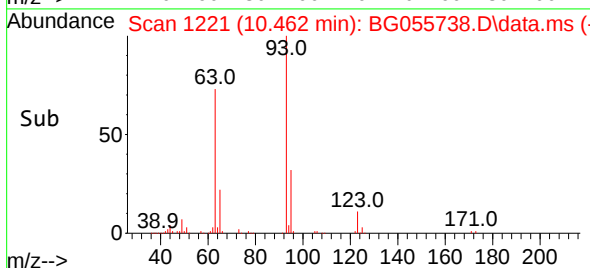
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

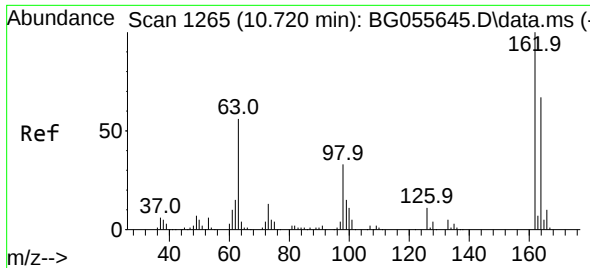


#28
bis(2-Chloroethoxy)methane
Concen: 47.191 ng
RT: 10.462 min Scan# 1221
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35



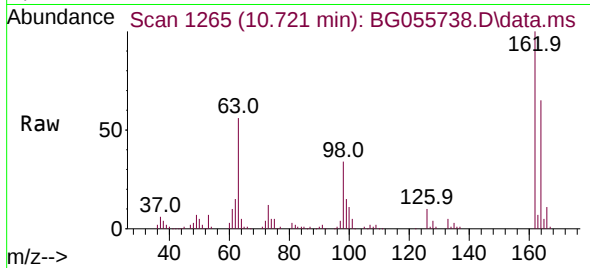
Tgt Ion: 93 Resp: 171240
Ion Ratio Lower Upper
93 100
95 32.3 25.7 38.5
123 10.7 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 45.335 ng
RT: 10.721 min Scan# 1265
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

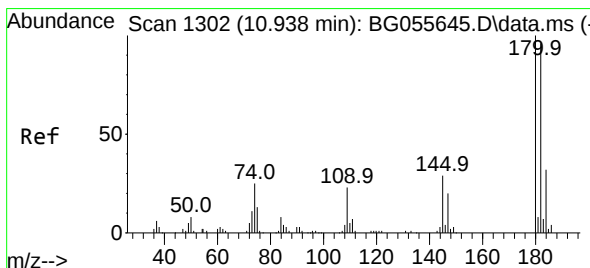
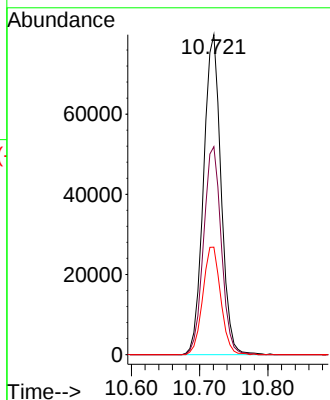
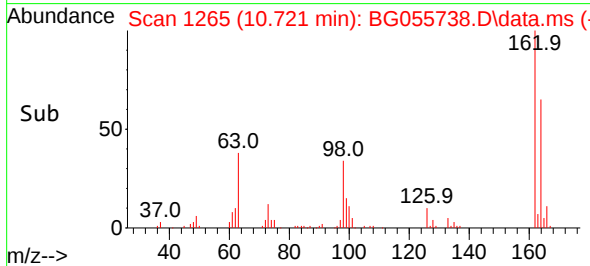
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



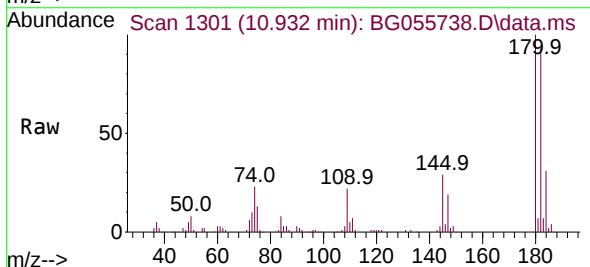
Tgt Ion:162 Resp: 142056
Ion Ratio Lower Upper
162 100
164 65.0 46.7 86.7
98 33.6 12.8 52.8

Manual Integrations
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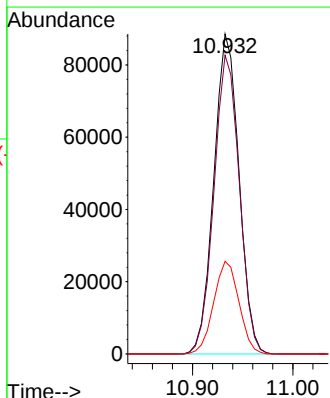
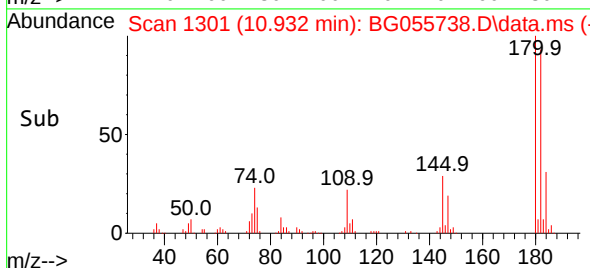
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

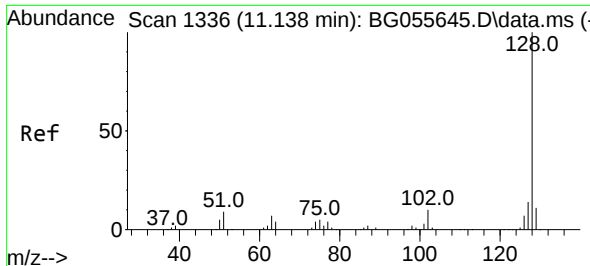


#30
1,2,4-Trichlorobenzene
Concen: 42.439 ng
RT: 10.932 min Scan# 1301
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35



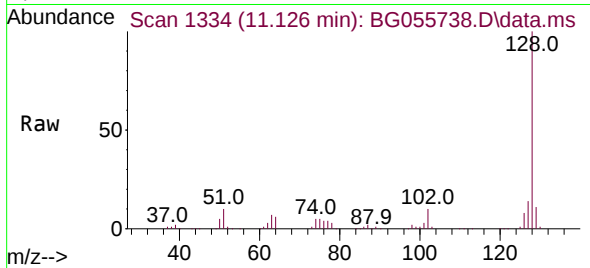
Tgt Ion:180 Resp: 154494
Ion Ratio Lower Upper
180 100
182 93.3 77.1 115.7
145 28.9 22.9 34.3





#31
Naphthalene
Concen: 41.693 ng
RT: 11.126 min Scan# 1336
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

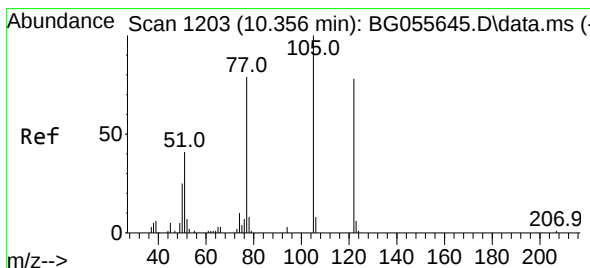
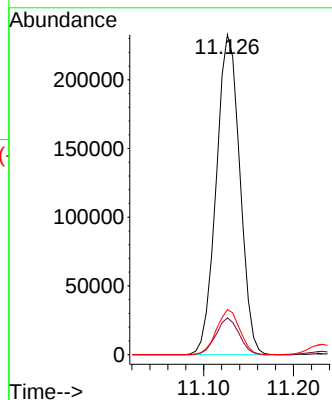
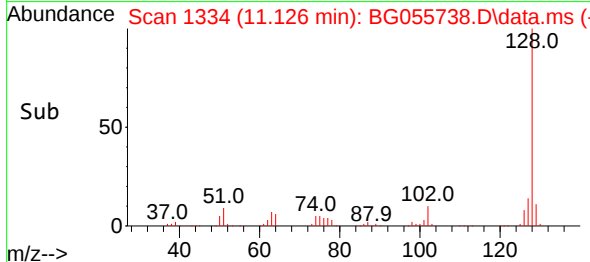
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



Tgt Ion:128 Resp: 424968
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 14.1 10.9 16.3

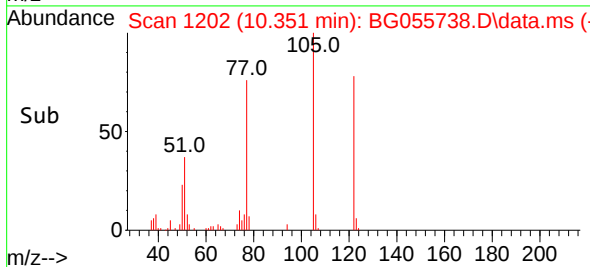
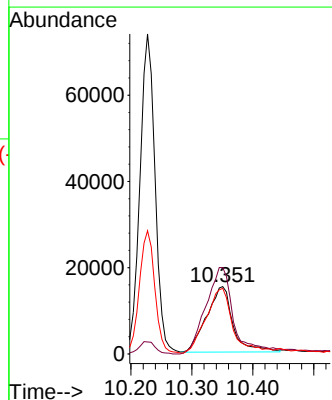
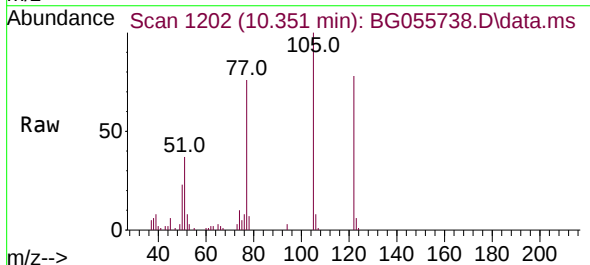
Manual Integrations
APPROVED

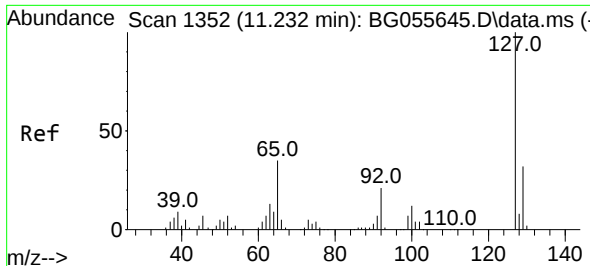
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#32
Benzoic acid
Concen: 21.235 ng
RT: 10.351 min Scan# 1202
Delta R.T. -0.010 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

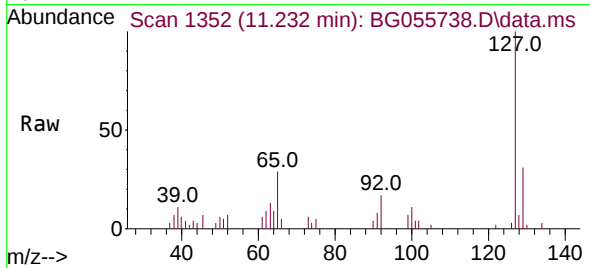
Tgt Ion:122 Resp: 45737
Ion Ratio Lower Upper
122 100
105 128.2 104.3 144.3
77 97.5 79.9 119.9





#33
4-Chloroaniline
Concen: 4.006 ng
RT: 11.232 min Scan# 1352
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

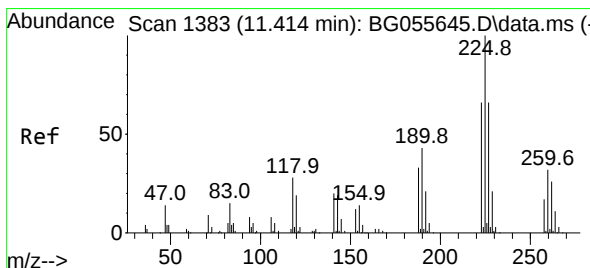
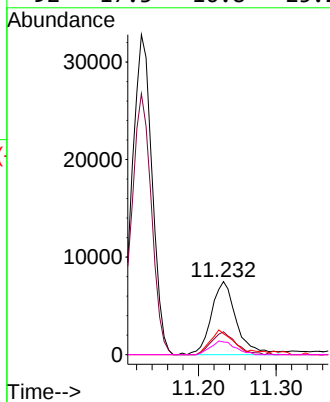
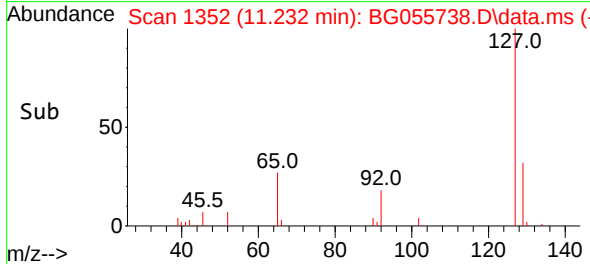
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



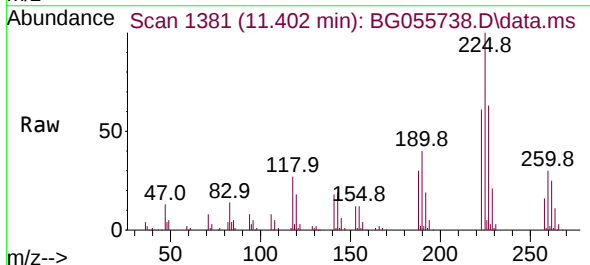
Tgt Ion:127 Resp: 16843
Ion Ratio Lower Upper
127 100
129 31.3 25.9 38.9
65 28.6 27.9 41.9
92 17.3 16.8 25.2

Manual Integrations
APPROVED

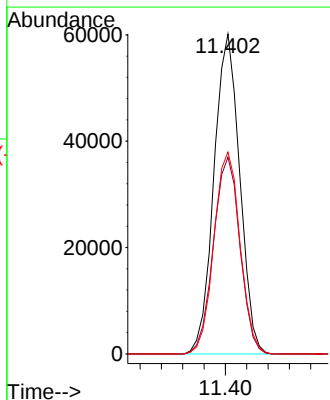
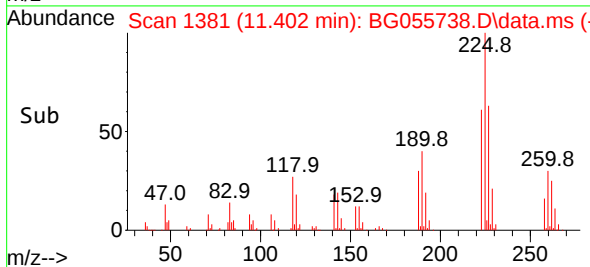
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

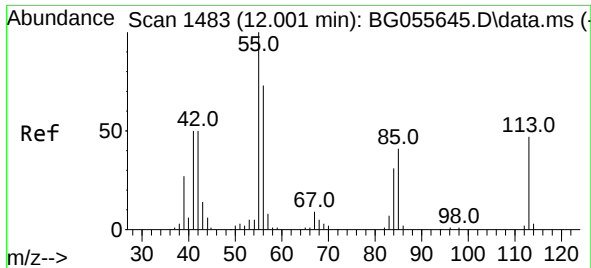


#34
Hexachlorobutadiene
Concen: 40.613 ng
RT: 11.402 min Scan# 1381
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35



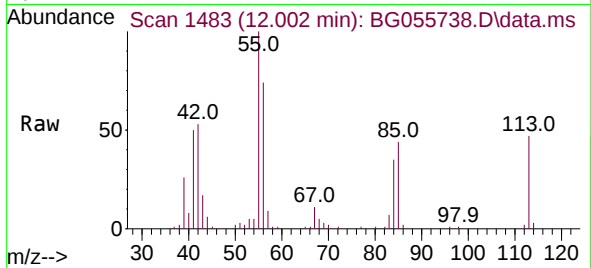
Tgt Ion:225 Resp: 100955
Ion Ratio Lower Upper
225 100
223 61.5 52.9 79.3
227 63.1 52.6 79.0





#35
 Caprolactam
 Concen: 36.454 ng m
 RT: 12.002 min Scan# 14
 Delta R.T. 0.007 min
 Lab File: BG055738.D
 Acq: 22 Nov 2022 13:35

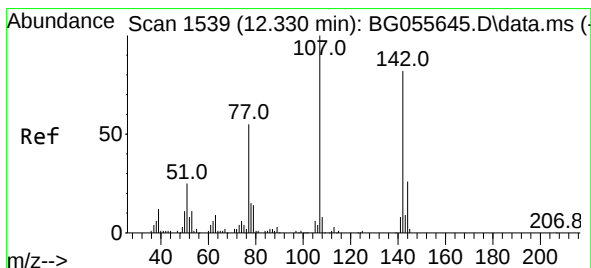
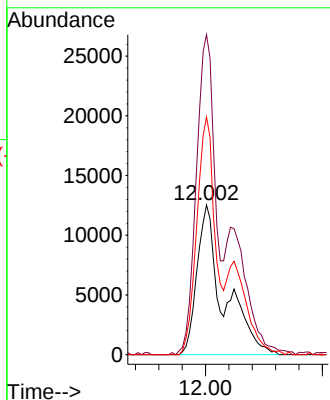
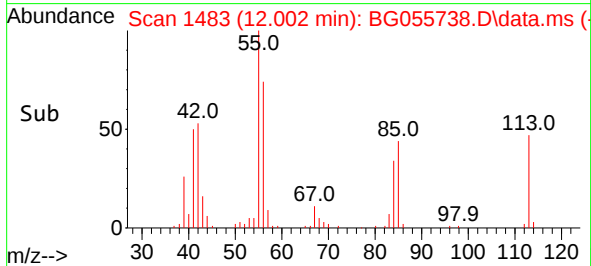
Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-0760533MSD



Tgt Ion:113 Resp: 39529
 Ion Ratio Lower Upper
 113 100
 55 213.9 193.5 233.5
 56 158.7 135.2 175.2

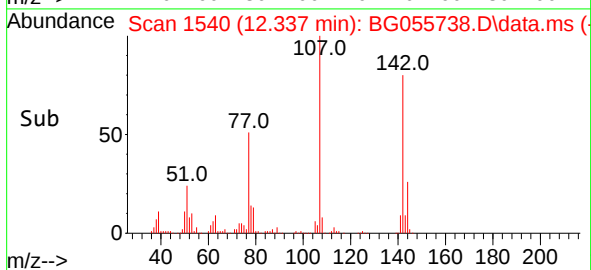
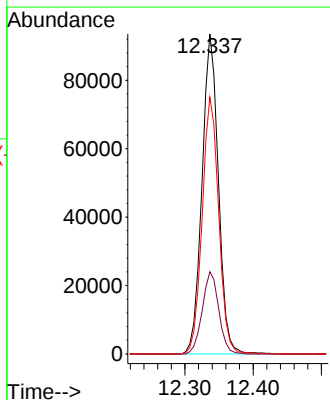
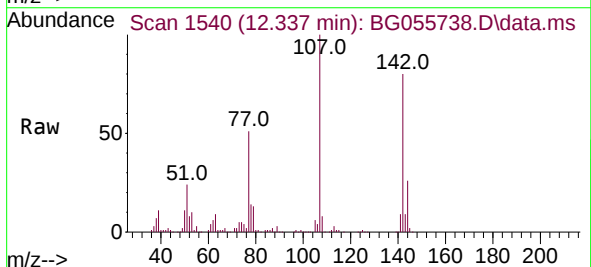
Manual Integrations
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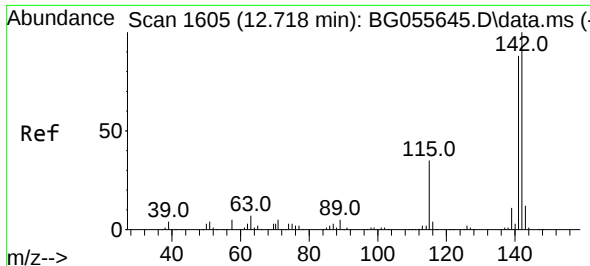
Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022



#36
 4-Chloro-3-methylphenol
 Concen: 45.278 ng
 RT: 12.337 min Scan# 1540
 Delta R.T. 0.007 min
 Lab File: BG055738.D
 Acq: 22 Nov 2022 13:35

Tgt Ion:107 Resp: 155939
 Ion Ratio Lower Upper
 107 100
 144 25.7 21.0 31.4
 142 80.2 65.9 98.9





#37

2-Methylnaphthalene

Concen: 42.281 ng

RT: 12.713 min Scan# 1604

Delta R.T. 0.001 min

Lab File: BG055738.D

Acq: 22 Nov 2022 13:35

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-0760533MSD

Tgt Ion:142 Resp: 32268

Ion Ratio Lower Upper

142 100

141 87.1 70.3 105.5

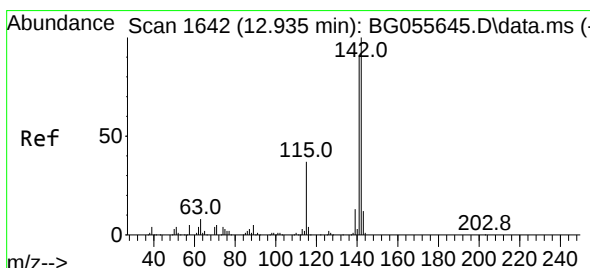
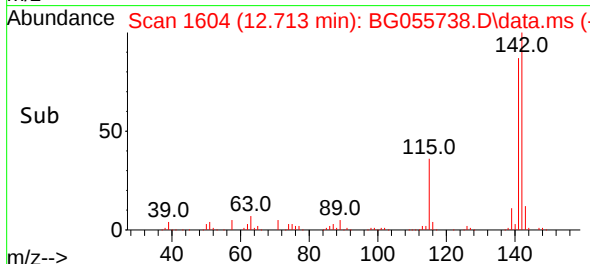
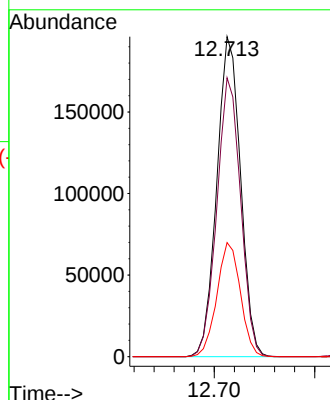
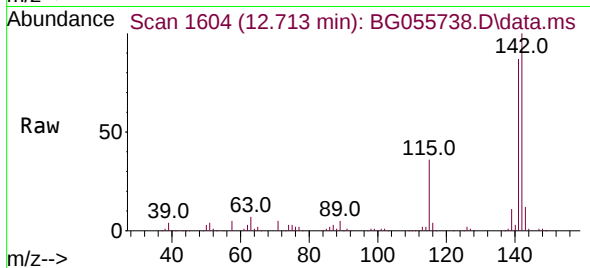
115 35.6 27.9 41.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 11/23/2022



#38

1-Methylnaphthalene

Concen: 41.105 ng

RT: 12.930 min Scan# 1641

Delta R.T. 0.001 min

Lab File: BG055738.D

Acq: 22 Nov 2022 13:35

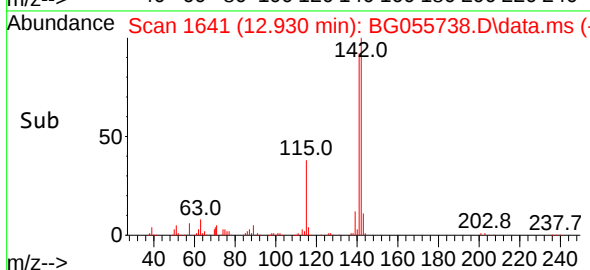
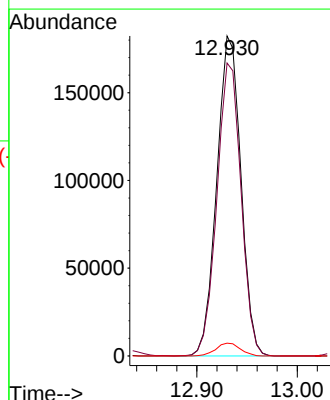
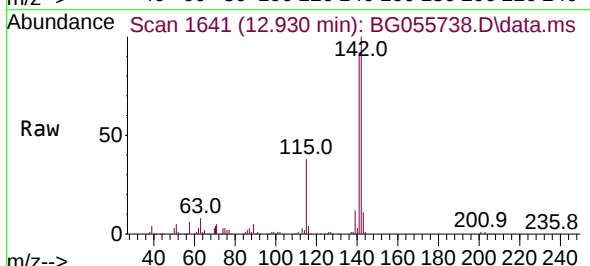
Tgt Ion:142 Resp: 304540

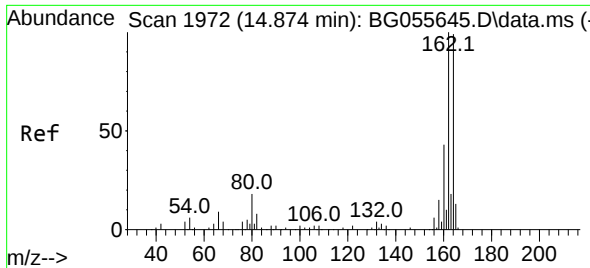
Ion Ratio Lower Upper

142 100

141 91.5 73.0 109.4

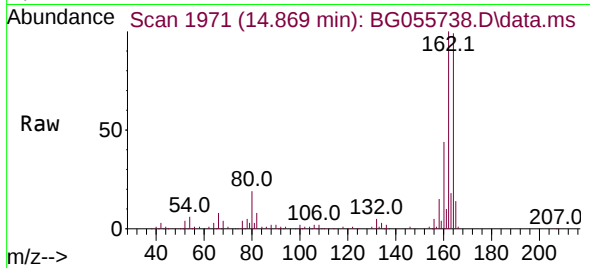
116 4.0 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1972
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

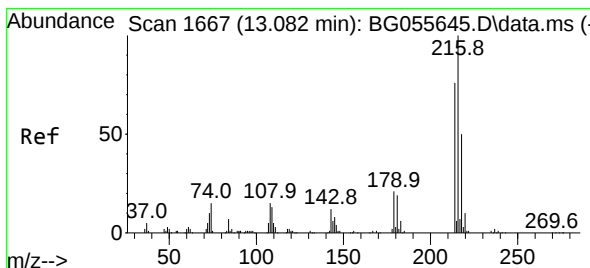
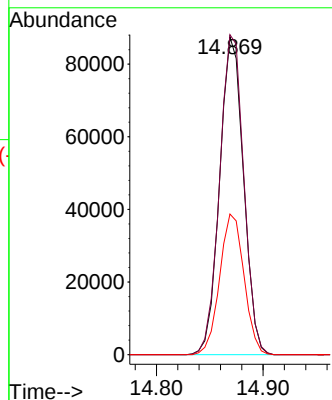
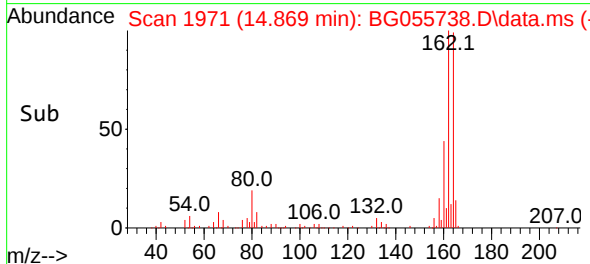
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



Tgt Ion:164 Resp: 136132
Ion Ratio Lower Upper
164 100
162 100.7 81.1 121.7
160 44.2 34.8 52.2

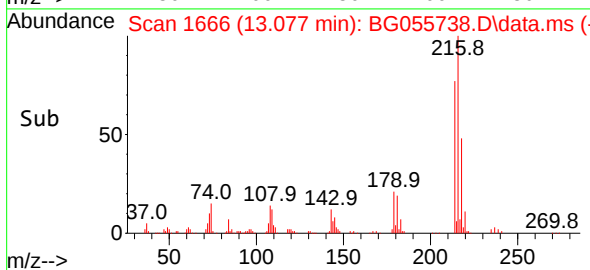
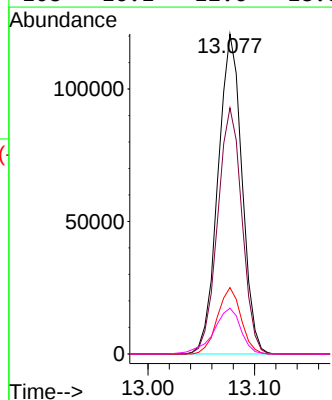
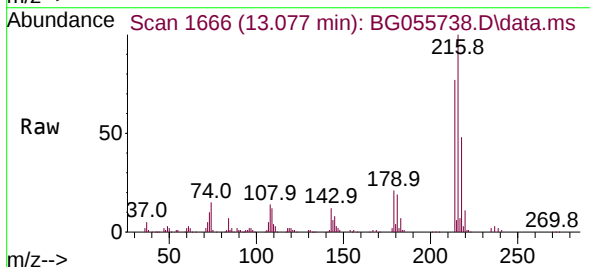
Manual Integrations
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Supervised By :Jagrut Upadhyay 11/23/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.148 ng
RT: 13.077 min Scan# 1666
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

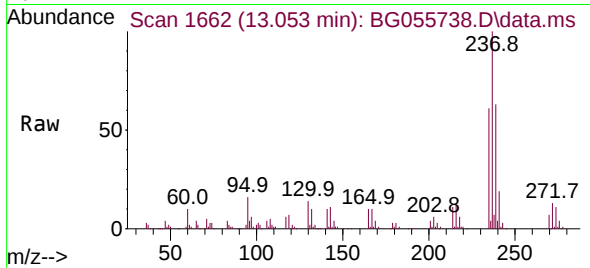
Tgt Ion:216 Resp: 188865
Ion Ratio Lower Upper
216 100
214 77.9 62.1 93.1
179 20.3 16.5 24.7
108 16.1 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 57.729 ng
RT: 13.053 min Scan# 1663
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

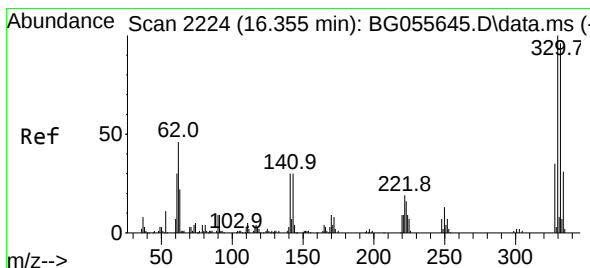
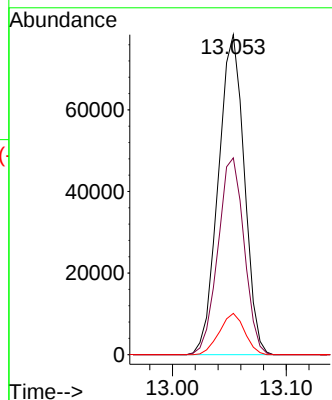
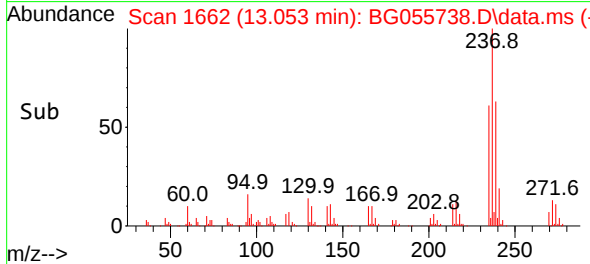
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



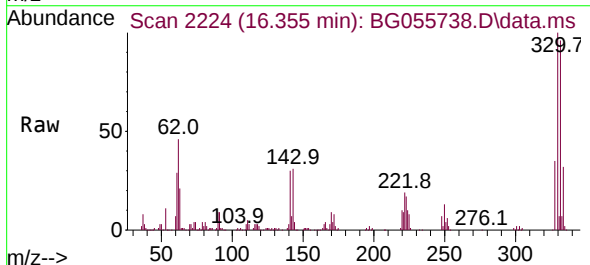
Tgt Ion:237 Resp: 124471
Ion Ratio Lower Upper
237 100
235 61.5 43.7 83.7
272 12.9 0.0 33.6

Manual Integrations
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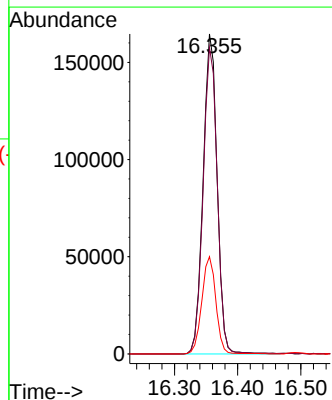
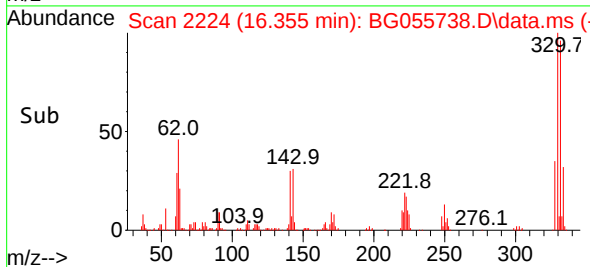
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

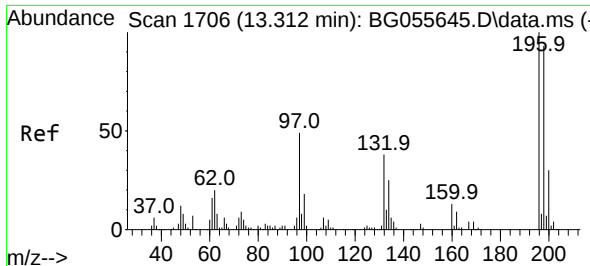


#42
2,4,6-Tribromophenol
Concen: 131.870 ng
RT: 16.355 min Scan# 2224
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35



Tgt Ion:330 Resp: 252784
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 30.4 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 44.249 ng

RT: 13.312 min Scan# 1706

Delta R.T. 0.001 min

Lab File: BG055738.D

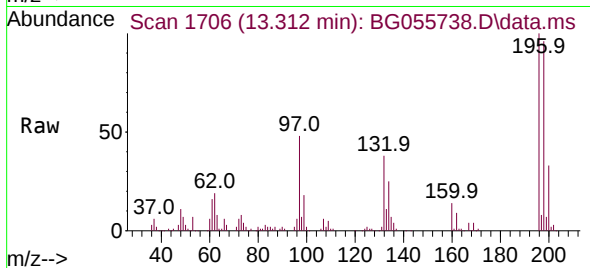
Acq: 22 Nov 2022 13:35

Instrument :

BNA_G

ClientSampleId :

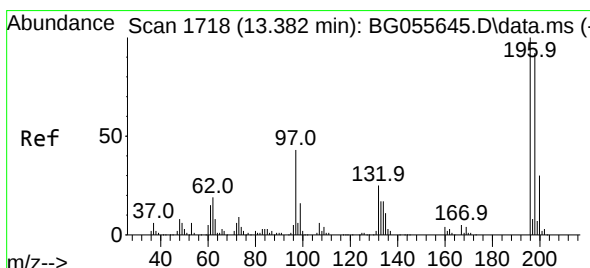
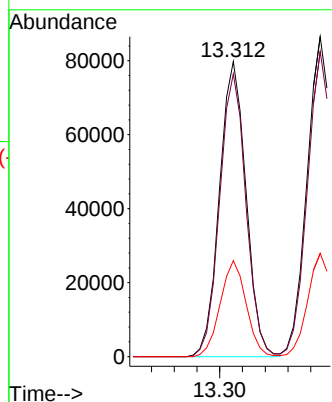
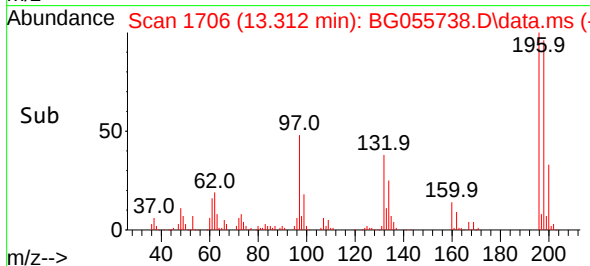
FRAC-TANK-0760533MSD



Tgt Ion:	196	Resp:	129128
Ion Ratio	Lower	Upper	
196	100		
198	95.8	74.6	112.0
200	32.5	23.7	35.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#44

2,4,5-Trichlorophenol

Concen: 43.971 ng

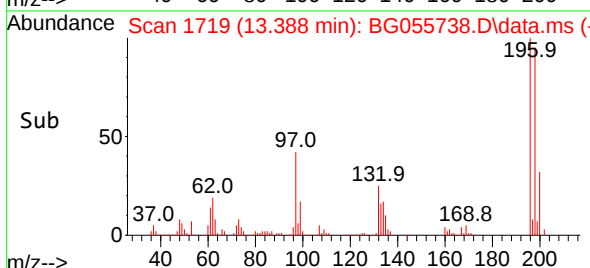
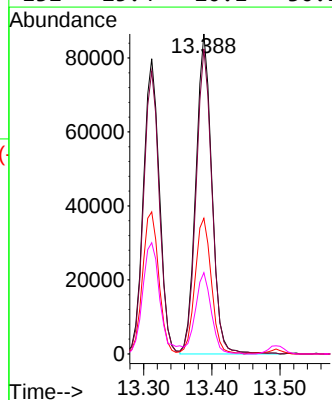
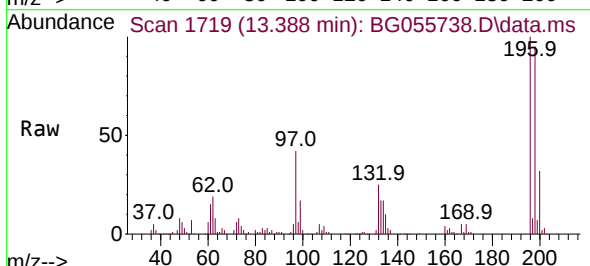
RT: 13.388 min Scan# 1719

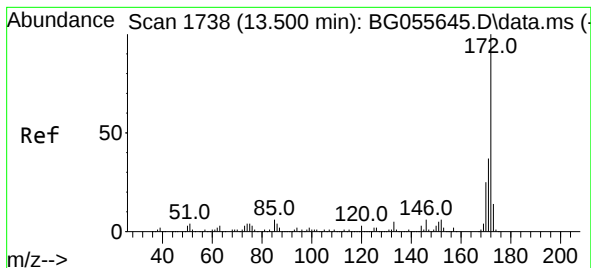
Delta R.T. 0.007 min

Lab File: BG055738.D

Acq: 22 Nov 2022 13:35

Tgt Ion:	196	Resp:	141010
Ion Ratio	Lower	Upper	
196	100		
198	95.3	74.1	111.1
97	42.4	34.8	52.2
132	25.4	20.1	30.1





#45

2-Fluorobiphenyl

Concen: 82.187 ng

RT: 13.494 min Scan# 1737

Delta R.T. 0.001 min

Lab File: BG055738.D

Acq: 22 Nov 2022 13:35

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-0760533MSD

Tgt Ion:172 Resp: 746819

Ion Ratio Lower Upper

172 100

171 37.8 29.8 44.6

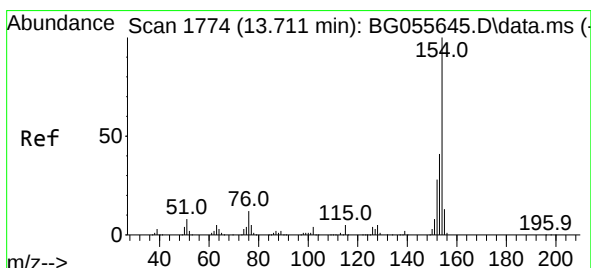
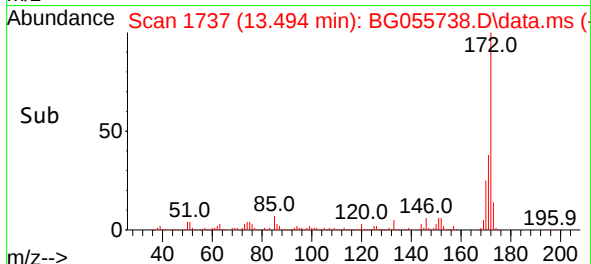
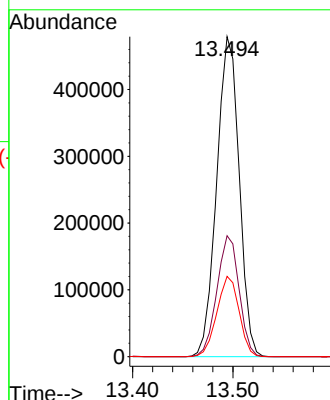
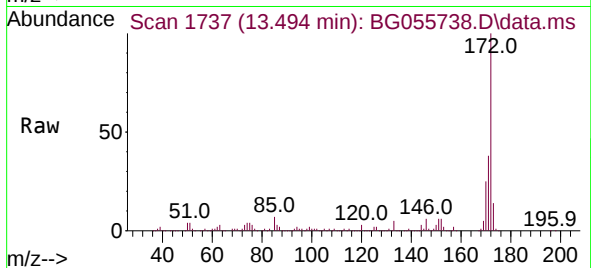
170 25.1 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#46

1,1'-Biphenyl

Concen: 43.992 ng

RT: 13.706 min Scan# 1773

Delta R.T. 0.001 min

Lab File: BG055738.D

Acq: 22 Nov 2022 13:35

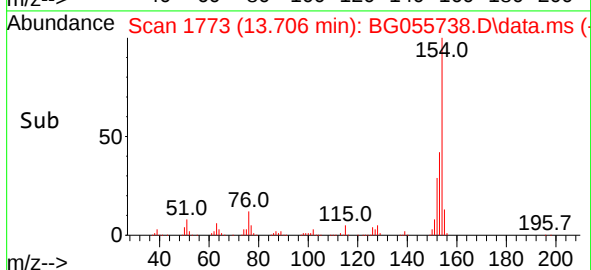
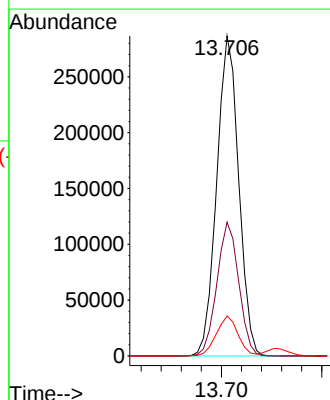
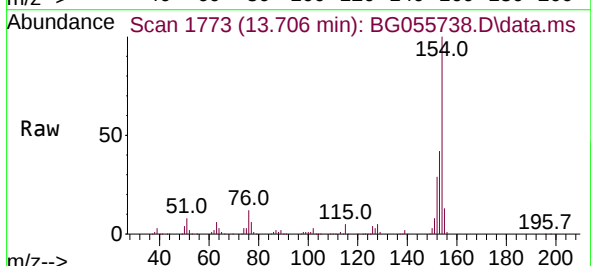
Tgt Ion:154 Resp: 436403

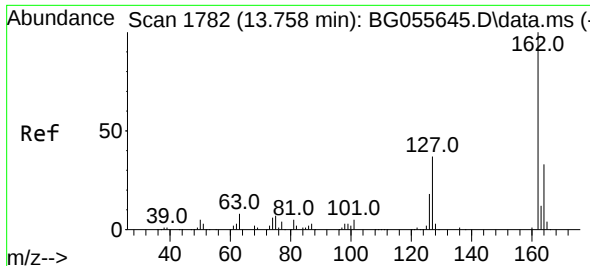
Ion Ratio Lower Upper

154 100

153 41.8 20.6 60.6

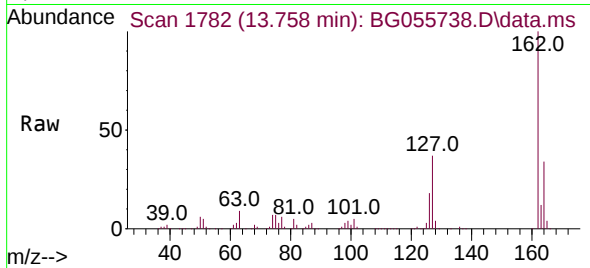
76 12.5 0.0 32.4





#47
2-Chloronaphthalene
Concen: 43.247 ng
RT: 13.758 min Scan# 1782
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

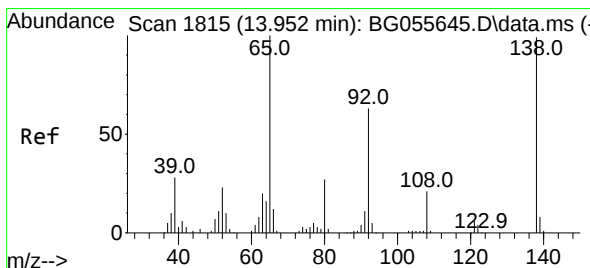
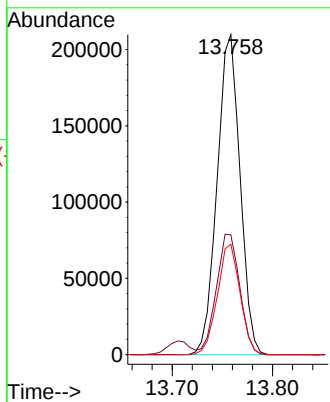
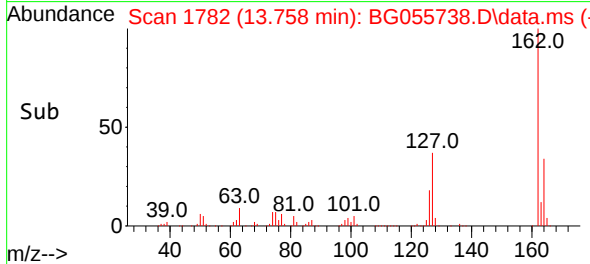
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



Tgt Ion:162 Resp: 333463
Ion Ratio Lower Upper
162 100
127 37.4 29.9 44.9
164 34.5 26.4 39.6

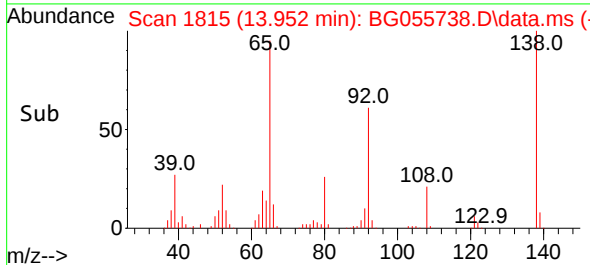
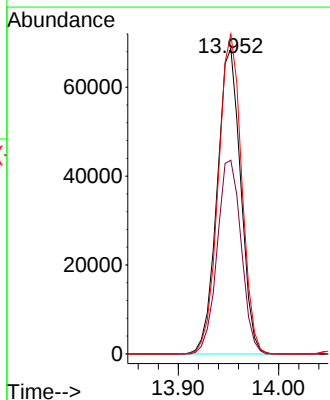
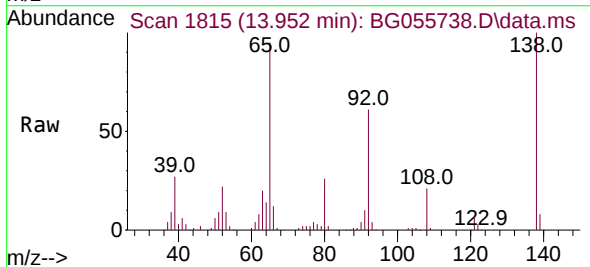
Manual Integrations
APPROVED

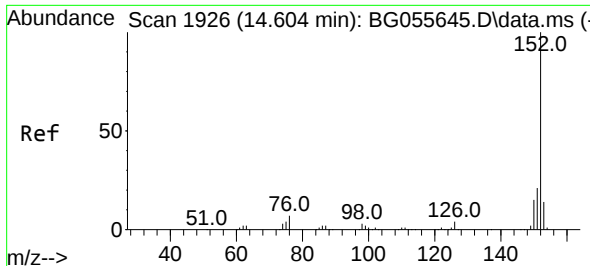
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#48
2-Nitroaniline
Concen: 44.174 ng
RT: 13.952 min Scan# 1815
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

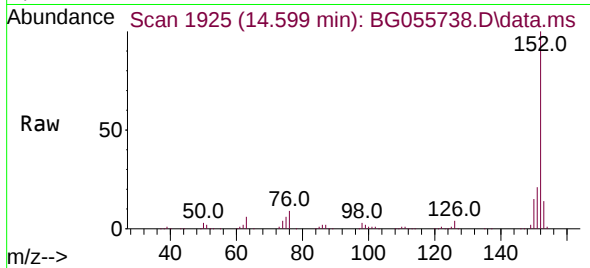
Tgt Ion: 65 Resp: 111983
Ion Ratio Lower Upper
65 100
92 63.4 50.1 75.1
138 104.8 79.4 119.0





#49
Acenaphthylene
Concen: 42.925 ng
RT: 14.599 min Scan# 1925
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

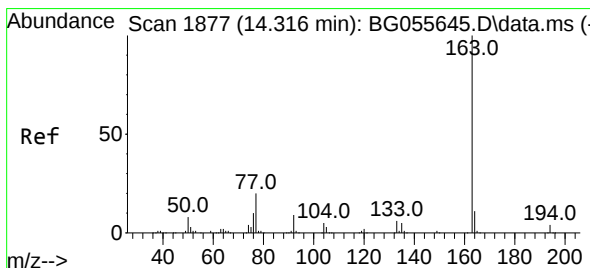
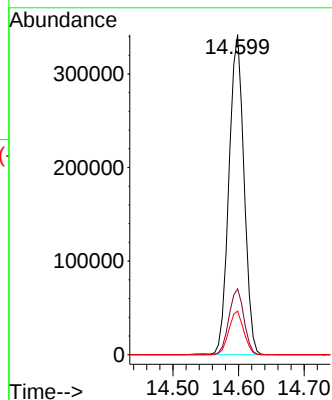
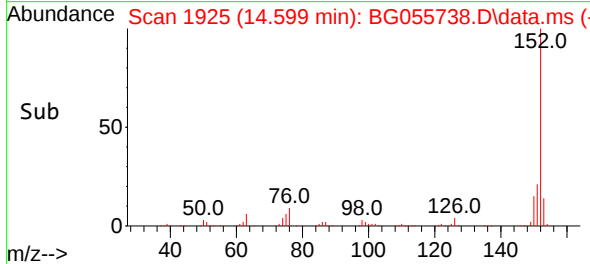
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



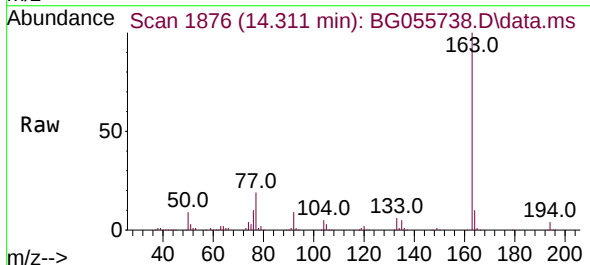
Tgt Ion:152 Resp: 545028
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.6 11.0 16.4

Manual Integrations
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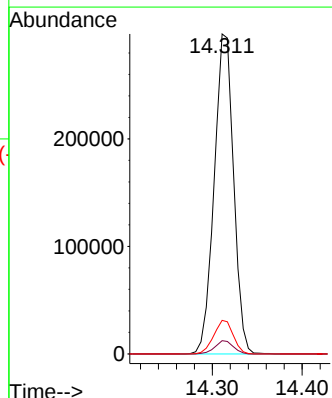
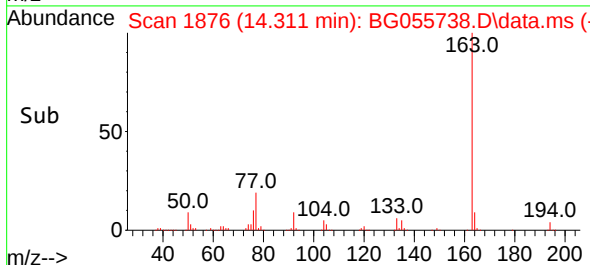
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

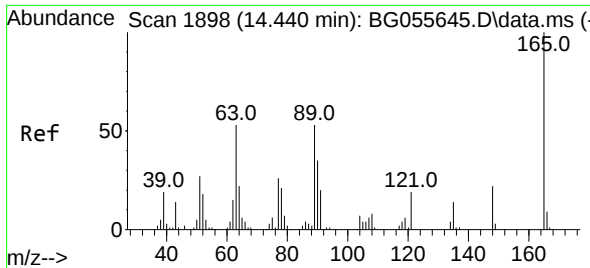


#50
Dimethylphthalate
Concen: 41.197 ng
RT: 14.311 min Scan# 1876
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35



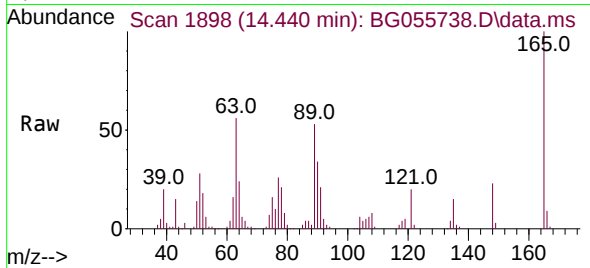
Tgt Ion:163 Resp: 447068
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 10.5 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 43.705 ng
RT: 14.440 min Scan# 1898
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

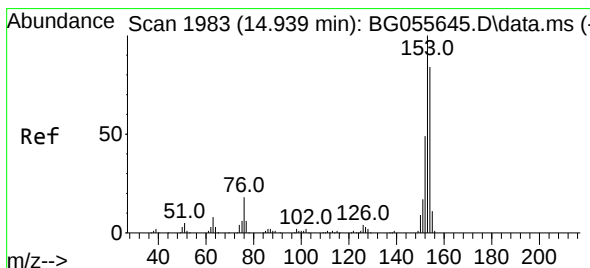
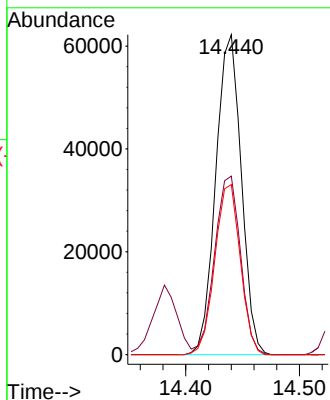
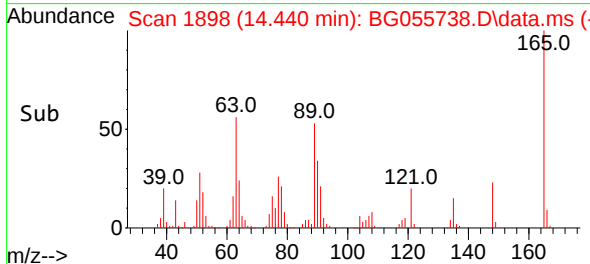
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



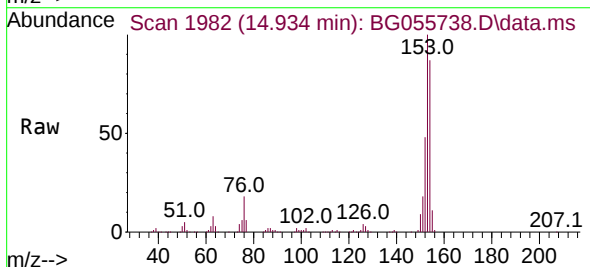
Tgt Ion:165 Resp: 96972
Ion Ratio Lower Upper
165 100
63 55.8 44.6 66.8
89 53.1 42.2 63.4

Manual Integrations
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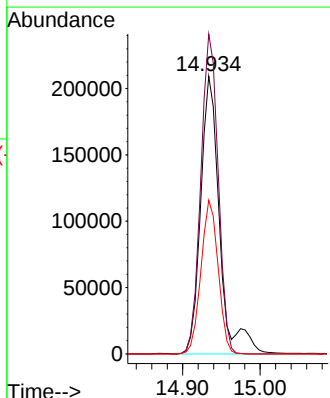
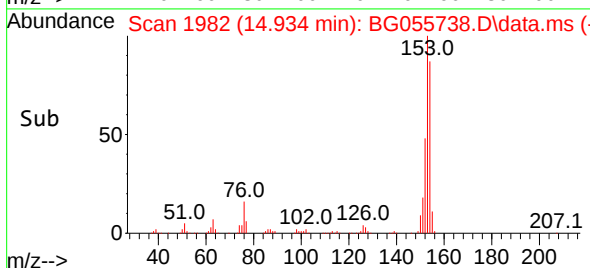
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

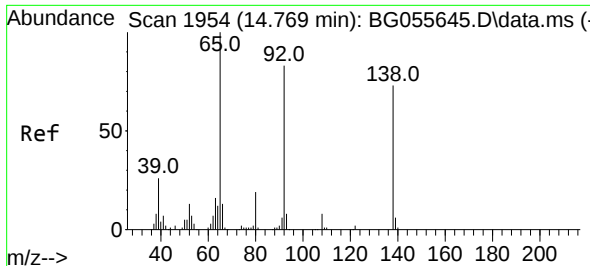


#52
Acenaphthene
Concen: 42.721 ng m
RT: 14.934 min Scan# 1982
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35



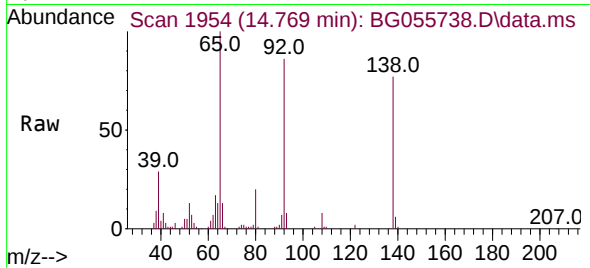
Tgt Ion:154 Resp: 354520
Ion Ratio Lower Upper
154 100
153 115.2 95.0 142.4
152 55.3 46.1 69.1





#53
3-Nitroaniline
Concen: 18.244 ng
RT: 14.769 min Scan# 1954
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

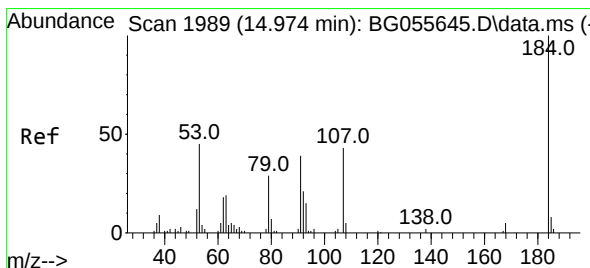
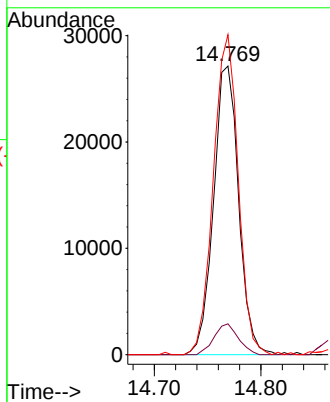
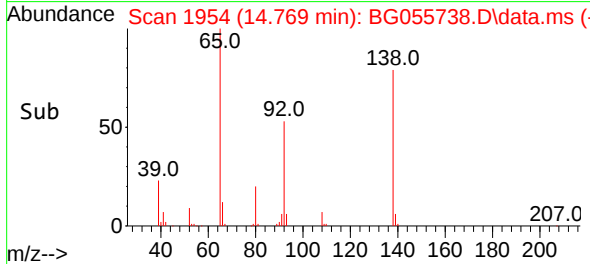
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



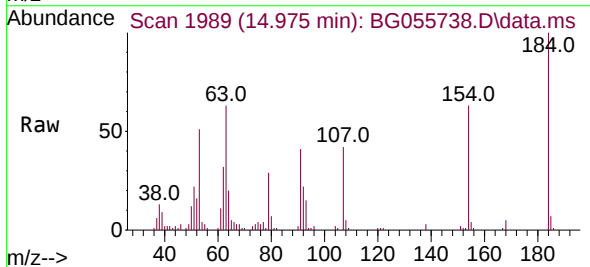
Tgt Ion:138 Resp: 44439
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 110.9 91.0 136.6

Manual Integrations
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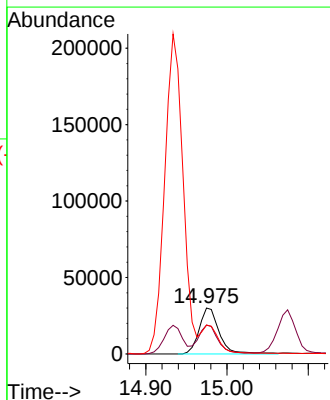
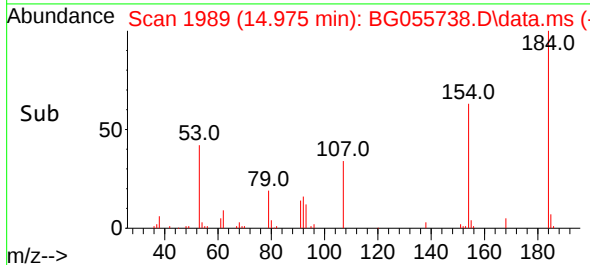
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#54
2,4-Dinitrophenol
Concen: 40.242 ng
RT: 14.975 min Scan# 1989
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35



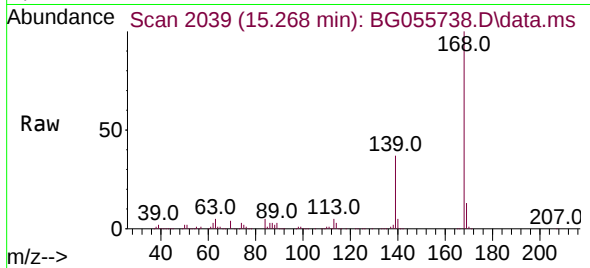
Tgt Ion:184 Resp: 51339
Ion Ratio Lower Upper
184 100
63 62.8 49.5 74.3
154 63.1 52.0 78.0





#55
Dibenzofuran
Concen: 41.663 ng
RT: 15.268 min Scan# 2040
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

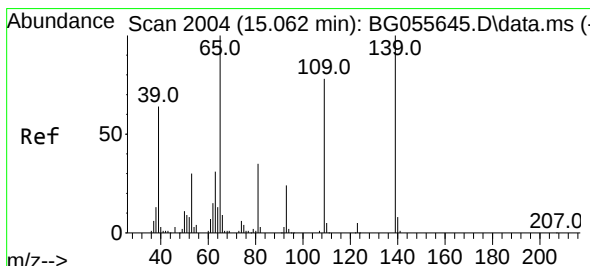
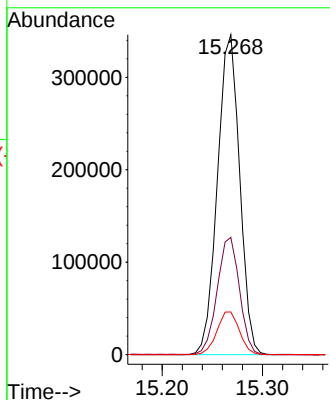
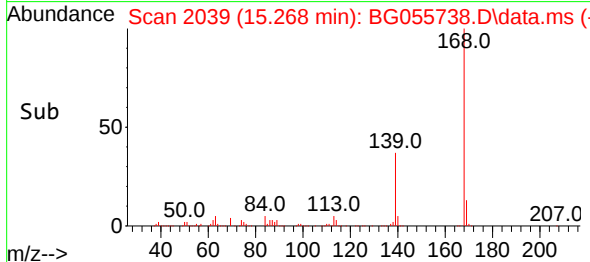
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



Tgt Ion:168 Resp: 533352
Ion Ratio Lower Upper
168 100
139 36.6 28.8 43.2
169 13.3 11.0 16.4

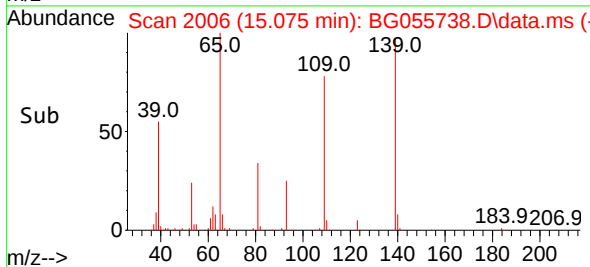
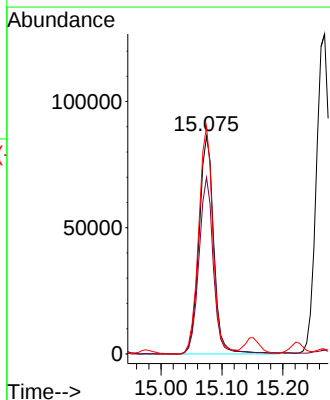
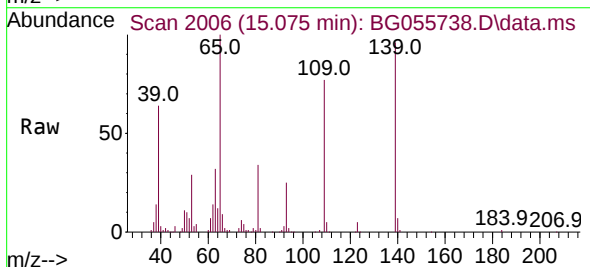
Manual Integrations
APPROVED

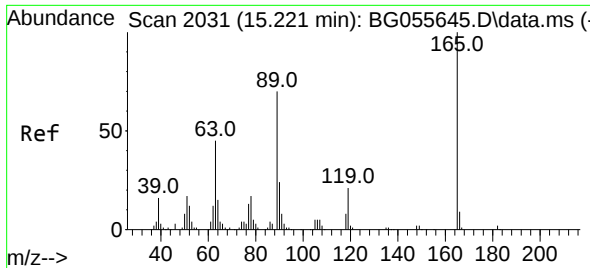
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#56
4-Nitrophenol
Concen: 76.068 ng
RT: 15.075 min Scan# 2006
Delta R.T. 0.013 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

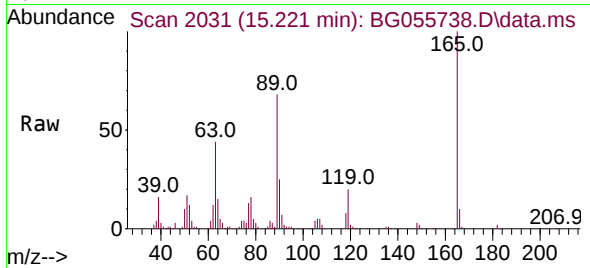
Tgt Ion:139 Resp: 145422
Ion Ratio Lower Upper
139 100
109 81.0 58.6 98.6
65 104.6 80.5 120.5





#57
2,4-Dinitrotoluene
Concen: 43.206 ng
RT: 15.221 min Scan# 2031
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

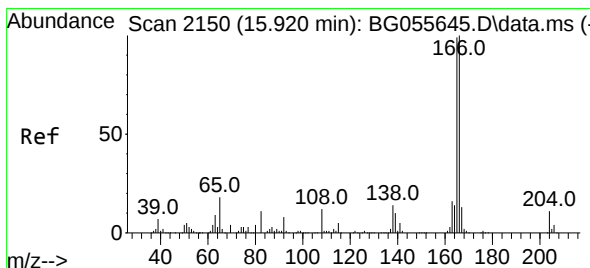
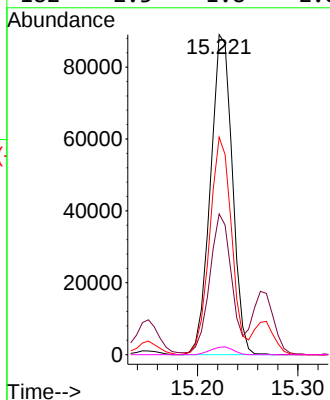
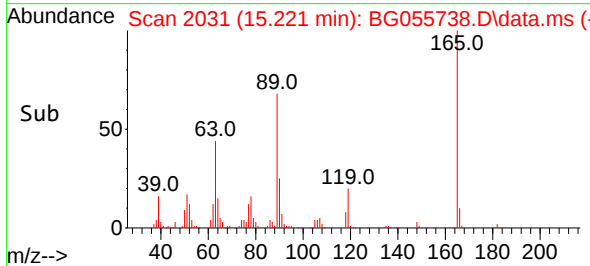
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



Tgt Ion:165 Resp: 135164
Ion Ratio Lower Upper
165 100
63 44.0 35.8 53.8
89 67.9 56.2 84.4
182 2.3 1.8 2.8

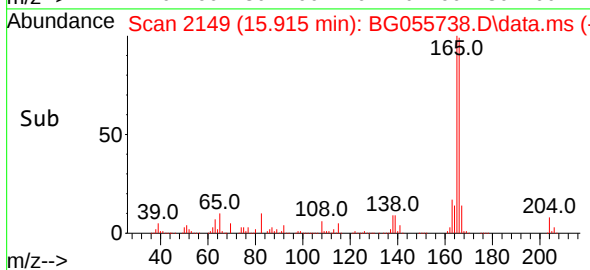
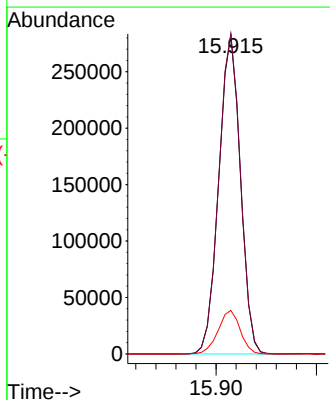
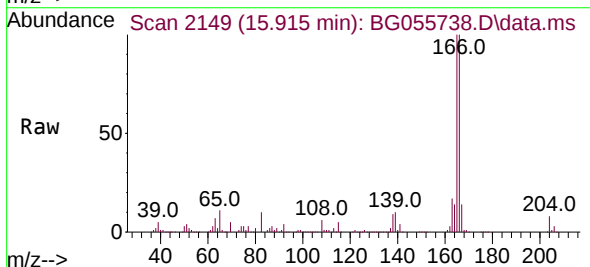
Manual Integrations
APPROVED

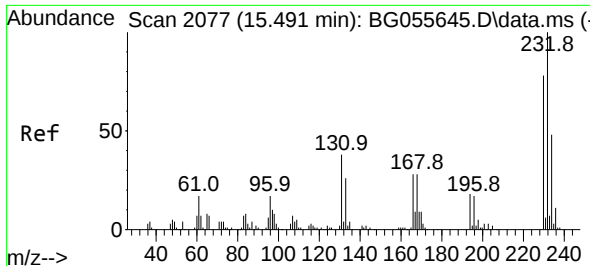
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#58
Fluorene
Concen: 41.271 ng
RT: 15.915 min Scan# 2149
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

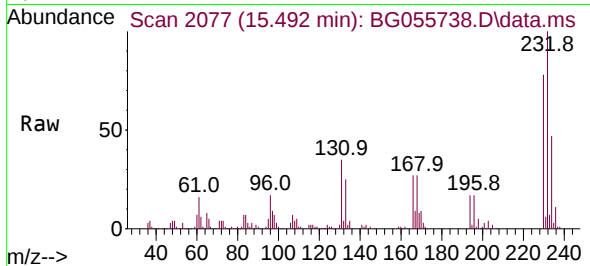
Tgt Ion:166 Resp: 421988
Ion Ratio Lower Upper
166 100
165 100.4 79.3 118.9
167 13.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.675 ng
RT: 15.492 min Scan# 2077
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

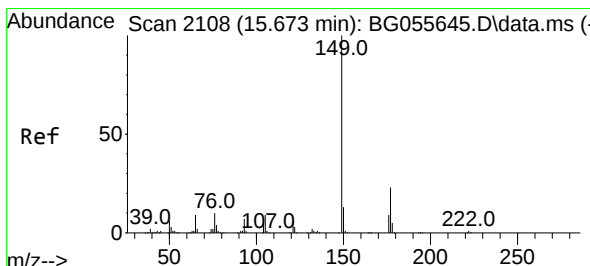
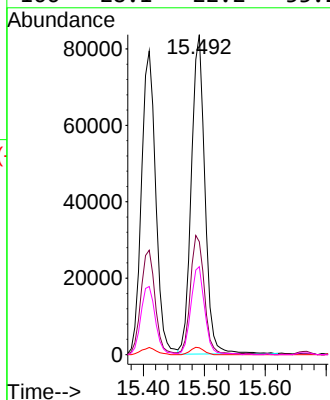
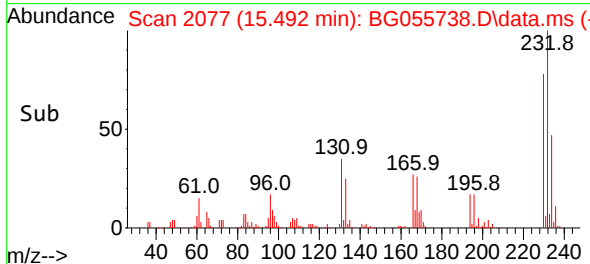
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



Tgt Ion:232 Resp: 129500
Ion Ratio Lower Upper
232 100
131 39.0 29.8 44.8
130 2.2 1.7 2.5
166 28.1 22.2 33.2

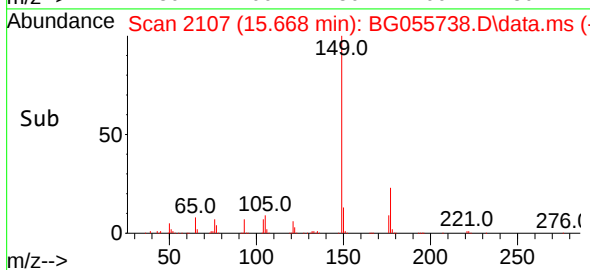
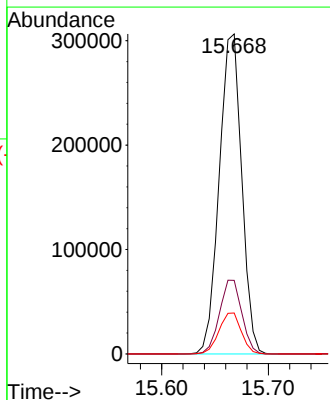
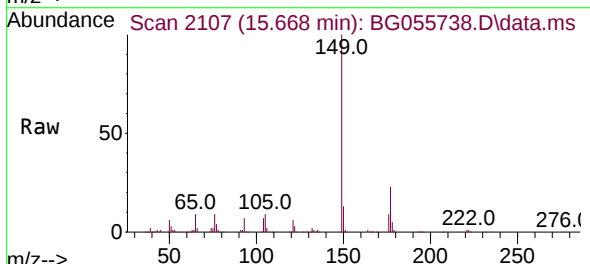
Manual Integrations
APPROVED

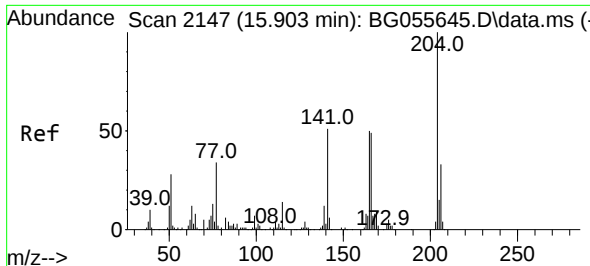
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#60
Diethylphthalate
Concen: 40.853 ng
RT: 15.668 min Scan# 2107
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

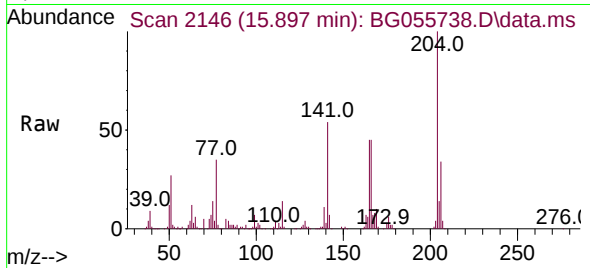
Tgt Ion:149 Resp: 448220
Ion Ratio Lower Upper
149 100
177 23.0 18.3 27.5
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 42.188 ng
RT: 15.897 min Scan# 2146
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

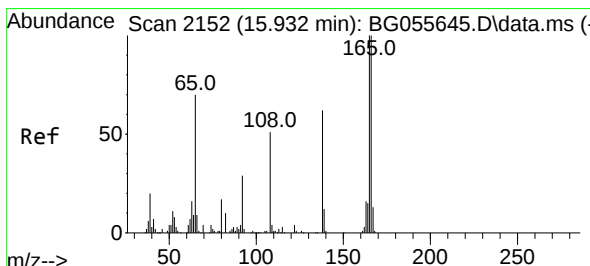
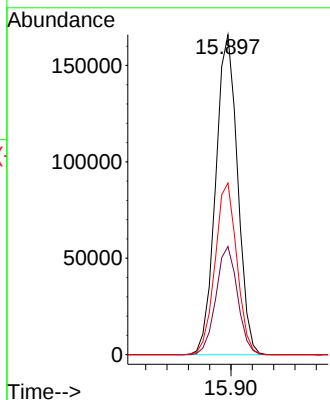
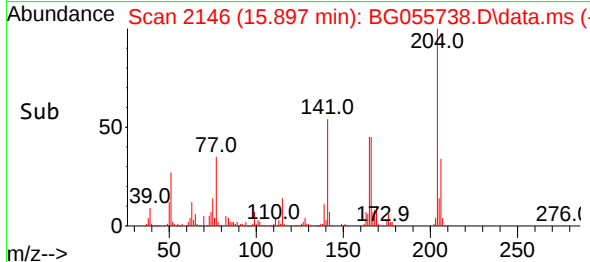
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



Tgt Ion:204 Resp: 237119
Ion Ratio Lower Upper
204 100
206 33.8 26.6 40.0
141 53.6 40.6 61.0

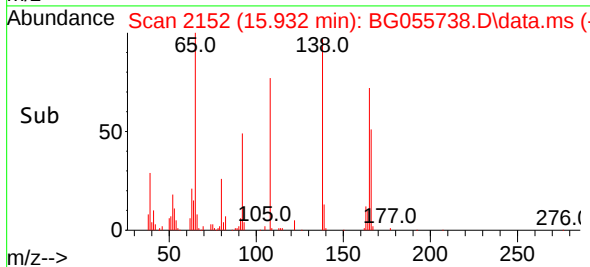
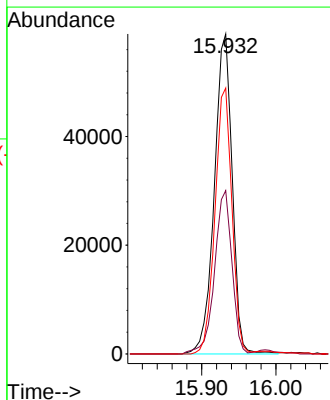
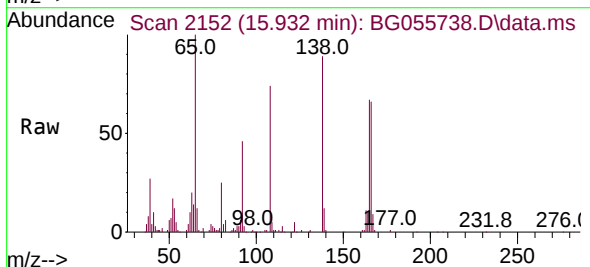
Manual Integrations
APPROVED

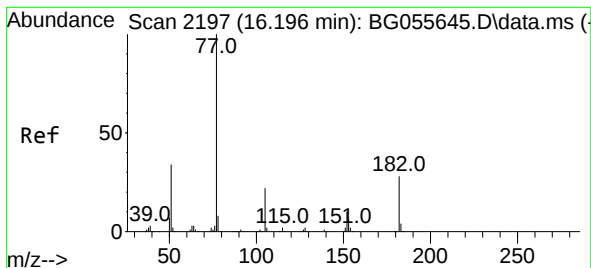
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#62
4-Nitroaniline
Concen: 38.615 ng
RT: 15.932 min Scan# 2152
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

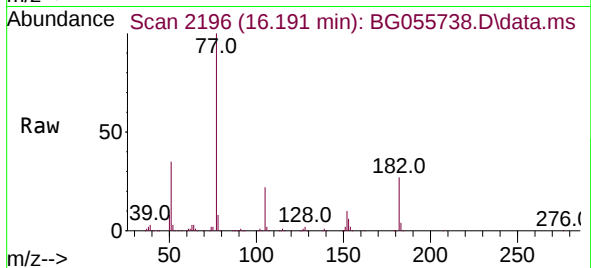
Tgt Ion:138 Resp: 98323
Ion Ratio Lower Upper
138 100
92 51.0 27.3 67.3
108 83.1 62.8 102.8





#63
Azobenzene
Concen: 41.679 ng
RT: 16.191 min Scan# 2197
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

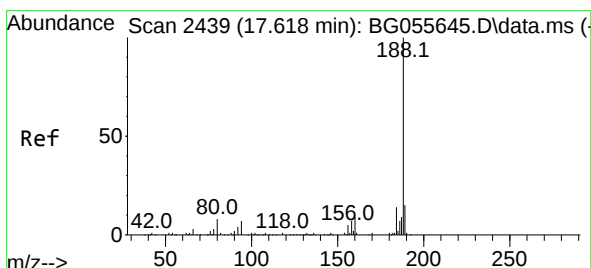
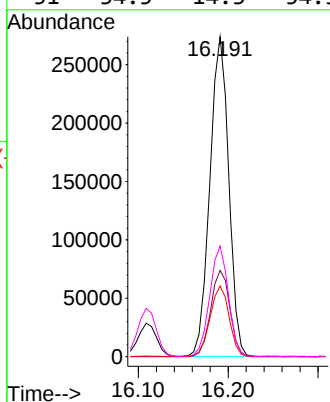
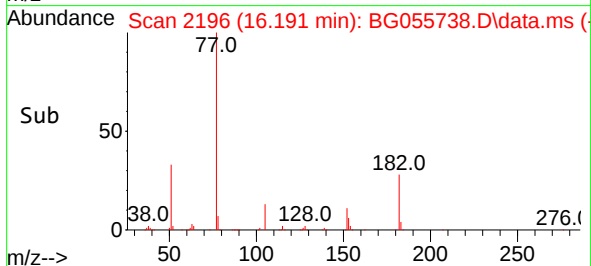
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



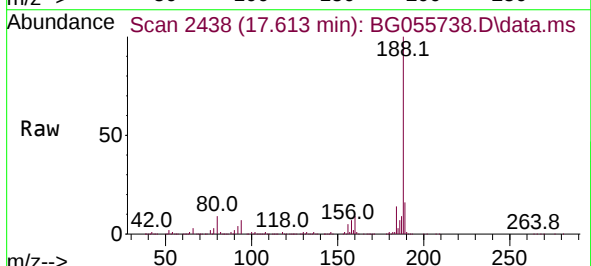
Tgt Ion: 77 Resp: 399231
Ion Ratio Lower Upper
77 100
182 26.9 8.1 48.1
105 22.1 1.8 41.8
51 34.5 14.3 54.3

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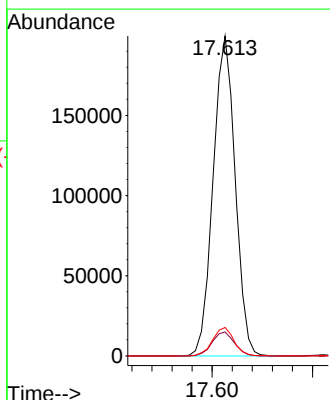
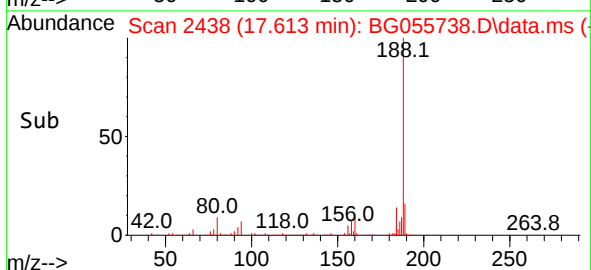
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

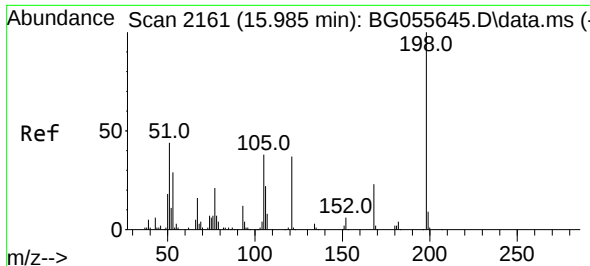


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2438
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35



Tgt Ion:188 Resp: 304588
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.2
80 8.9 6.6 10.0





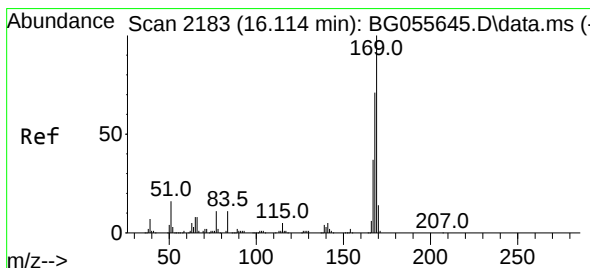
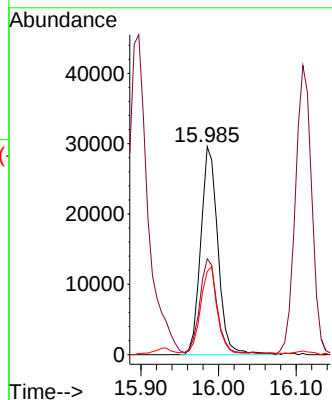
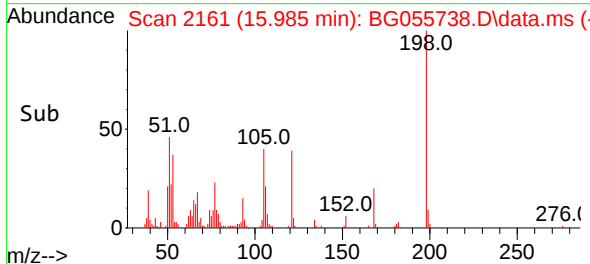
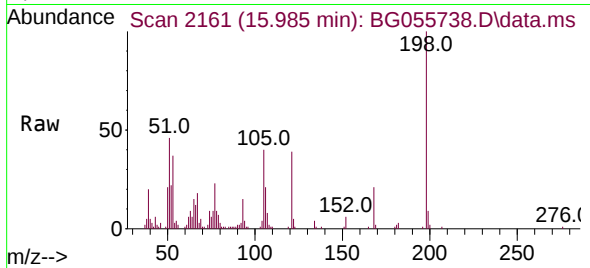
#65
4,6-Dinitro-2-methylphenol
Concen: 26.714 ng
RT: 15.985 min Scan# 2161
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD

Tgt Ion:198 Resp: 45434
Ion Ratio Lower Upper
198 100
51 46.1 27.7 67.7
105 40.0 19.3 59.3

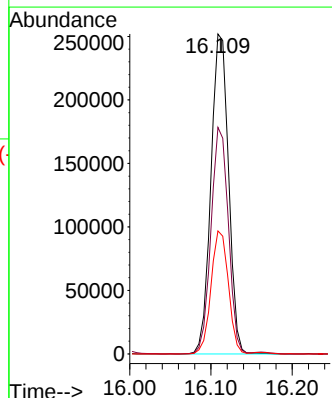
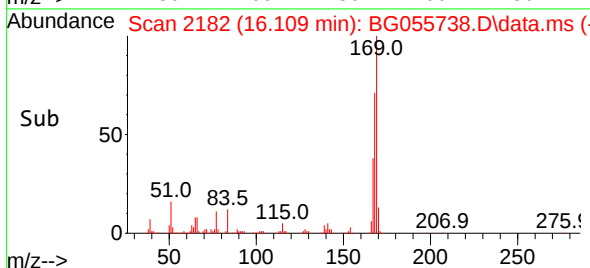
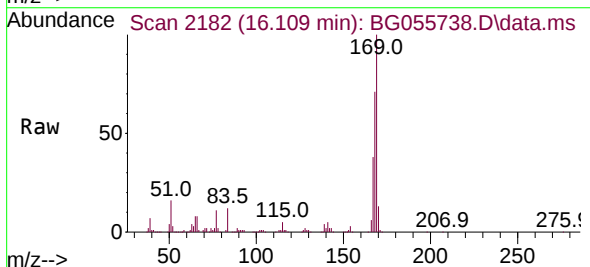
Manual Integrations
APPROVED

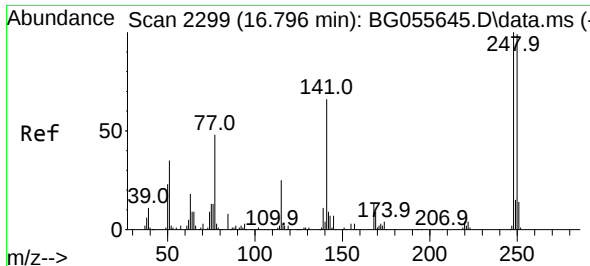
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#66
n-Nitrosodiphenylamine
Concen: 45.182 ng
RT: 16.109 min Scan# 2182
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

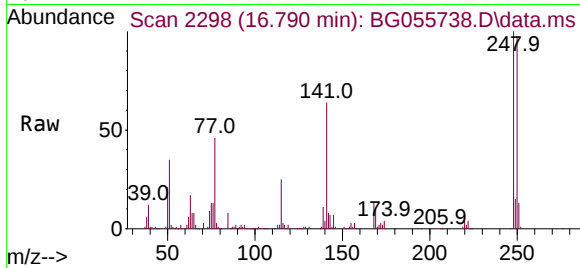
Tgt Ion:169 Resp: 379263
Ion Ratio Lower Upper
169 100
168 70.8 56.6 85.0
167 38.4 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 45.071 ng
RT: 16.790 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

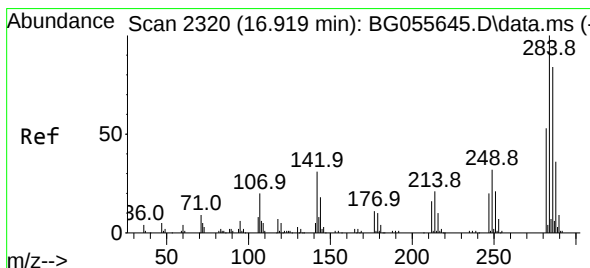
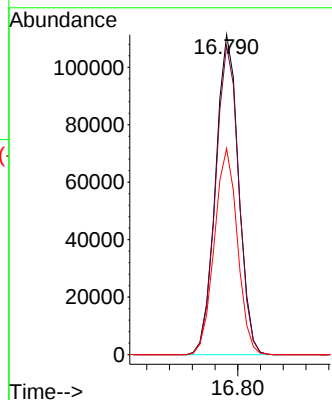
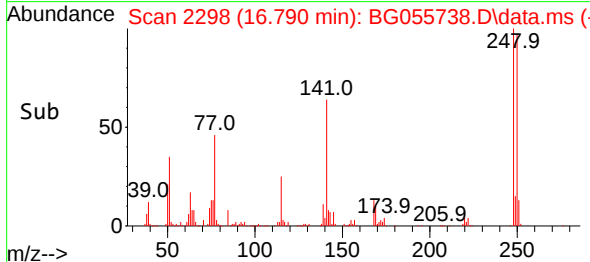
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



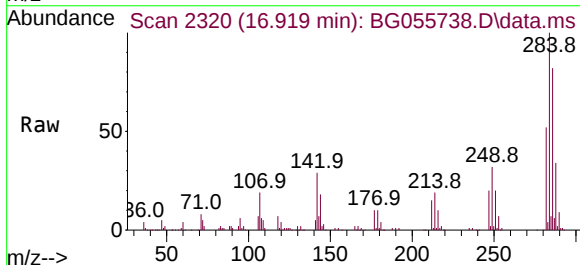
Tgt Ion:248 Resp: 156415
Ion Ratio Lower Upper
248 100
250 96.6 79.0 118.4
141 64.4 52.9 79.3

Manual Integrations
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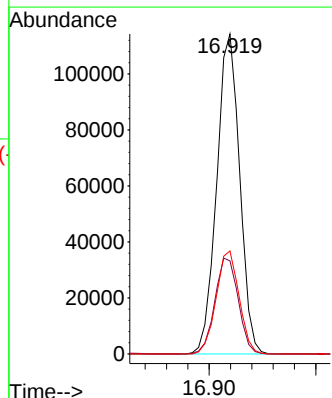
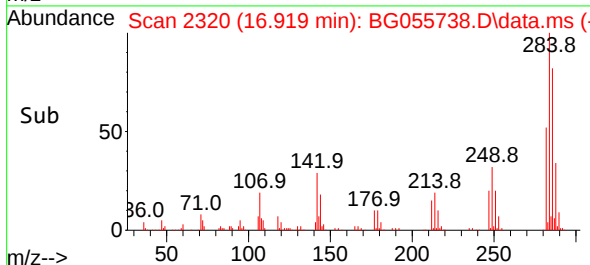
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

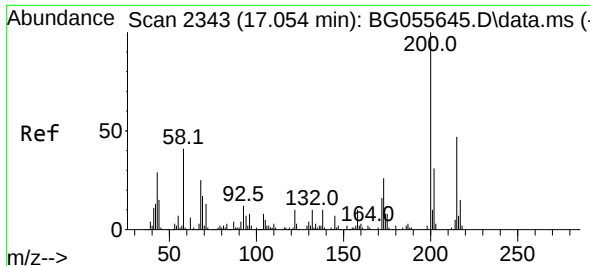


#68
Hexachlorobenzene
Concen: 44.417 ng
RT: 16.919 min Scan# 2320
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35



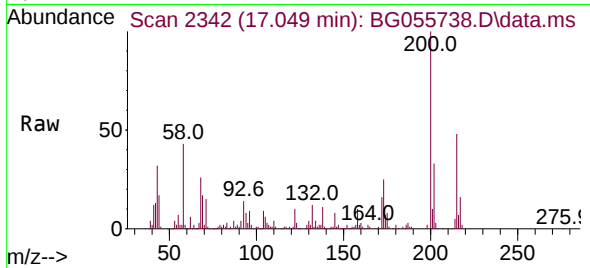
Tgt Ion:284 Resp: 170924
Ion Ratio Lower Upper
284 100
142 29.1 24.8 37.2
249 32.2 25.7 38.5





#69
 Atrazine
 Concen: 46.440 ng
 RT: 17.049 min Scan# 2343
 Delta R.T. 0.007 min
 Lab File: BG055738.D
 Acq: 22 Nov 2022 13:35

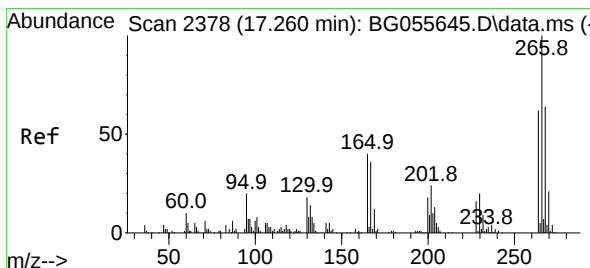
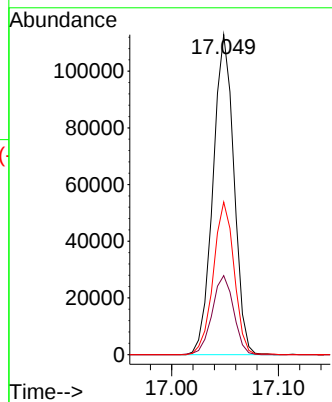
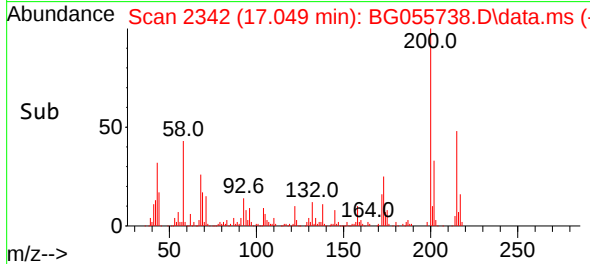
Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-0760533MSD



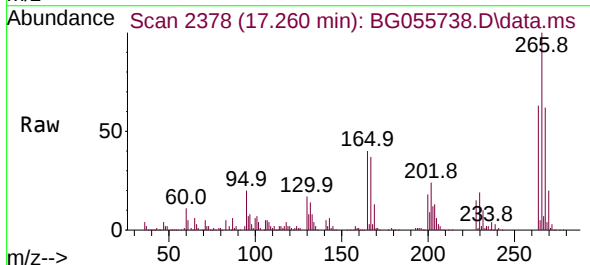
Tgt Ion:200 Resp: 154174
 Ion Ratio Lower Upper
 200 100
 173 24.7 5.6 45.6
 215 47.7 27.2 67.2

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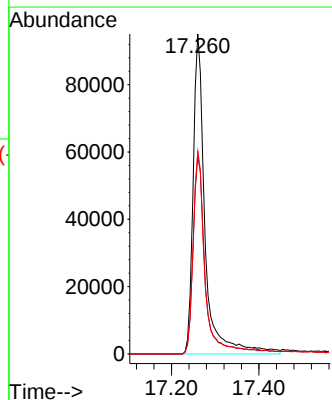
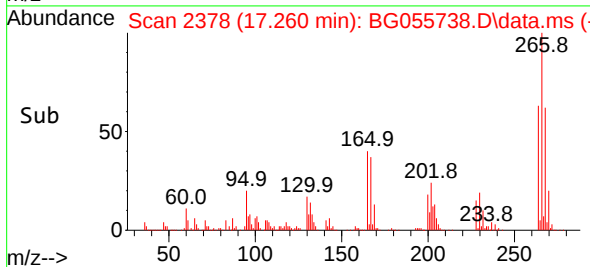
Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022

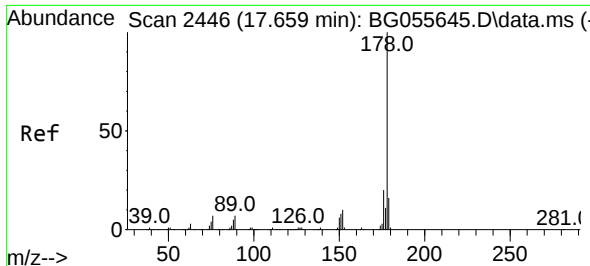


#70
 Pentachlorophenol
 Concen: 77.093 ng
 RT: 17.260 min Scan# 2378
 Delta R.T. 0.007 min
 Lab File: BG055738.D
 Acq: 22 Nov 2022 13:35



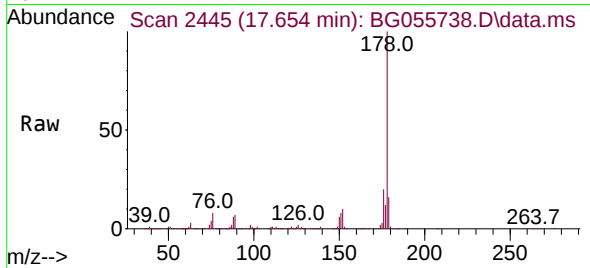
Tgt Ion:266 Resp: 181478
 Ion Ratio Lower Upper
 266 100
 268 61.9 51.2 76.8
 264 63.3 49.5 74.3





#71
Phenanthrene
Concen: 41.799 ng
RT: 17.654 min Scan# 2445
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

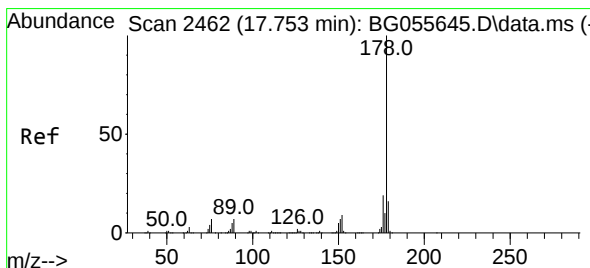
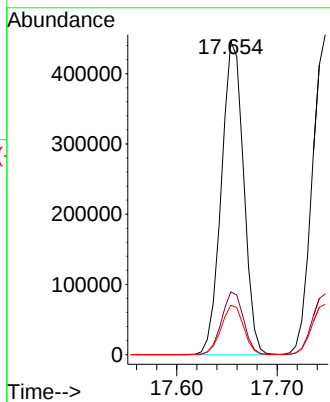
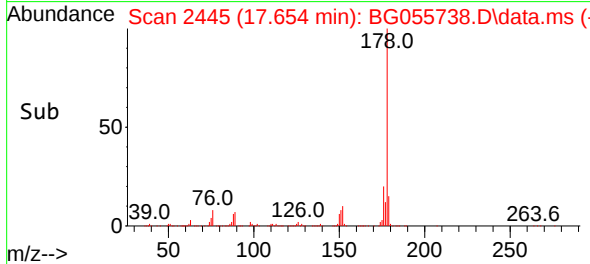
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



Tgt Ion:178 Resp: 687050
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.8 12.7 19.1

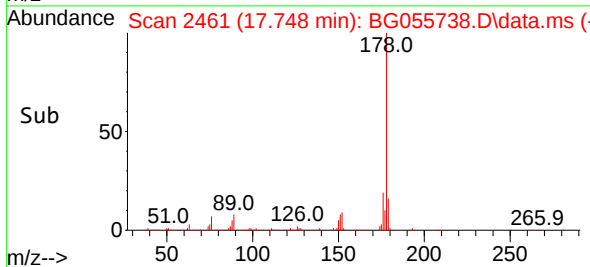
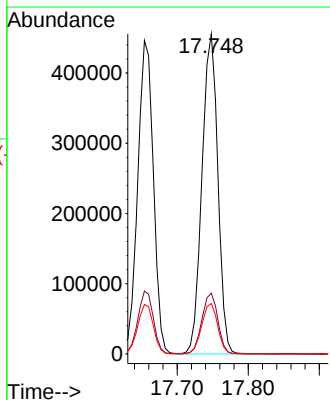
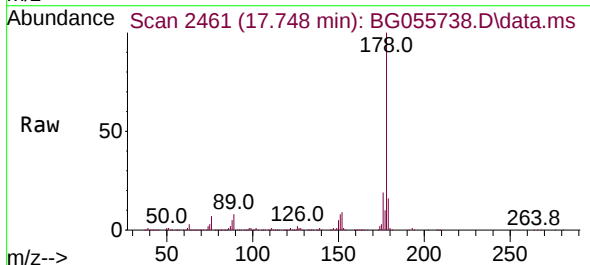
Manual Integrations
APPROVED

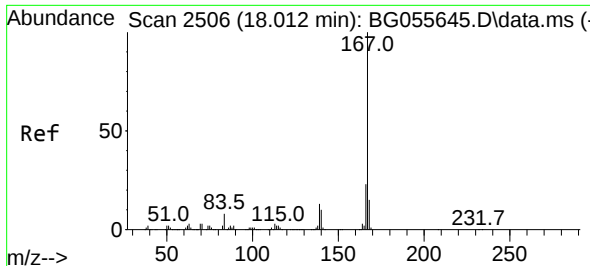
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#72
Anthracene
Concen: 44.036 ng
RT: 17.748 min Scan# 2461
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

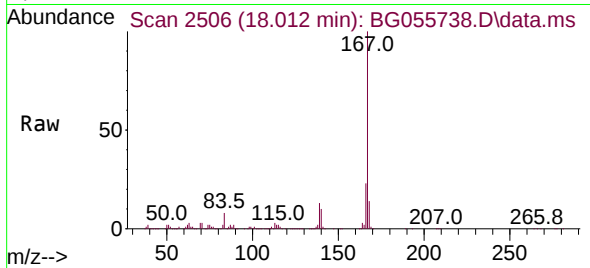
Tgt Ion:178 Resp: 703275
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 43.482 ng
 RT: 18.012 min Scan# 2506
 Delta R.T. 0.007 min
 Lab File: BG055738.D
 Acq: 22 Nov 2022 13:35

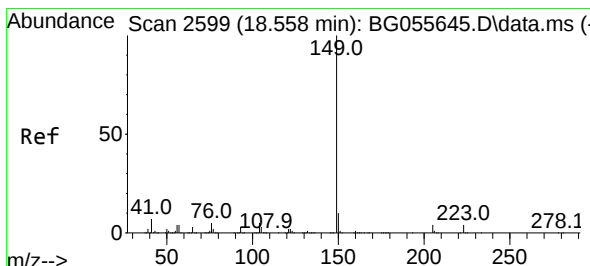
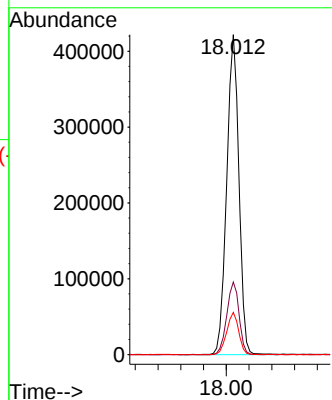
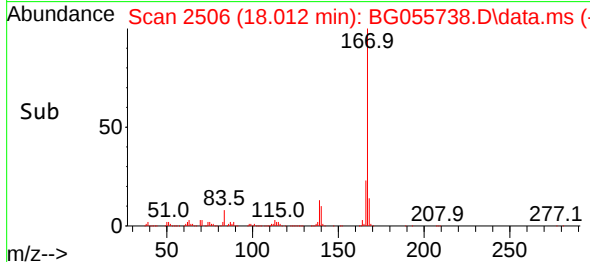
Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-0760533MSD



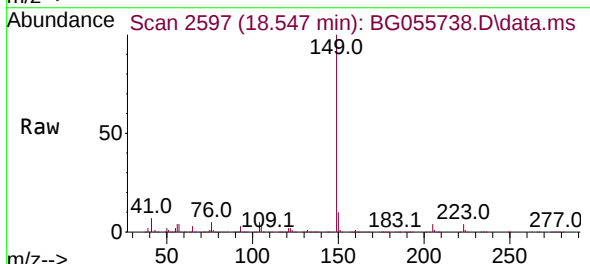
Tgt Ion:167 Resp: 624286
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 13.2 10.2 15.4

Manual Integrations
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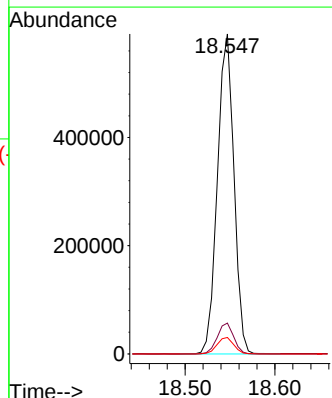
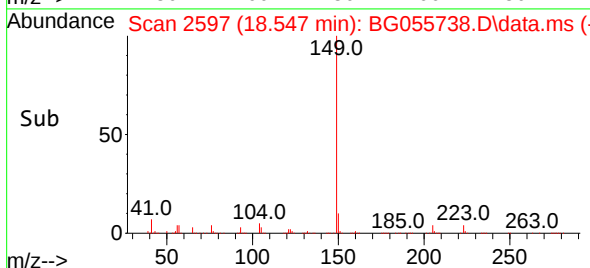
Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022

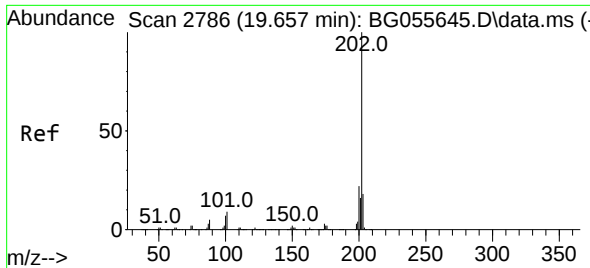


#74
 Di-n-butylphthalate
 Concen: 42.357 ng
 RT: 18.547 min Scan# 2597
 Delta R.T. 0.007 min
 Lab File: BG055738.D
 Acq: 22 Nov 2022 13:35



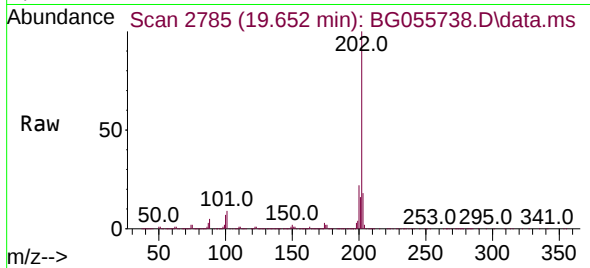
Tgt Ion:149 Resp: 755115
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 5.1 4.0 6.0





#75
Fluoranthene
Concen: 38.669 ng
RT: 19.652 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

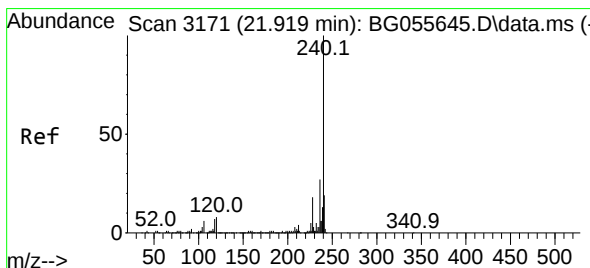
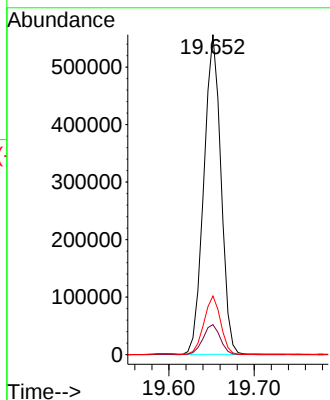
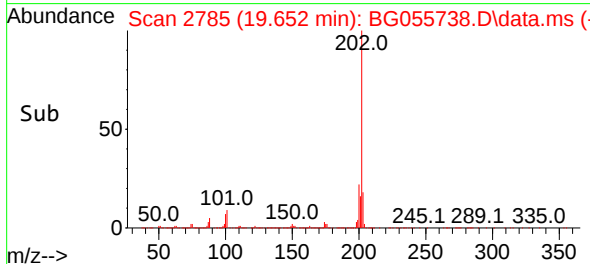
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



Tgt Ion:202 Resp: 773258
Ion Ratio Lower Upper
202 100
101 9.4 0.0 28.8
203 18.3 0.0 38.1

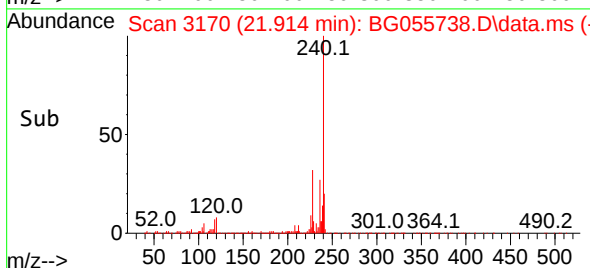
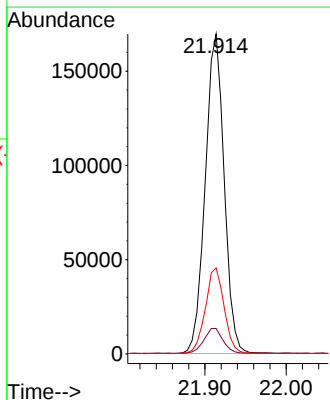
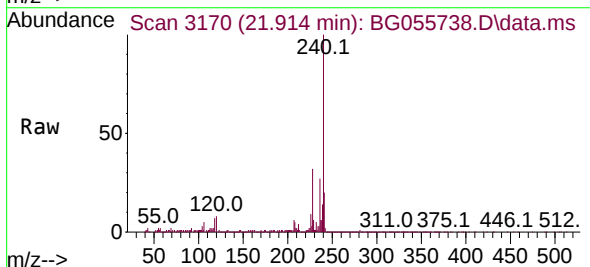
Manual Integrations
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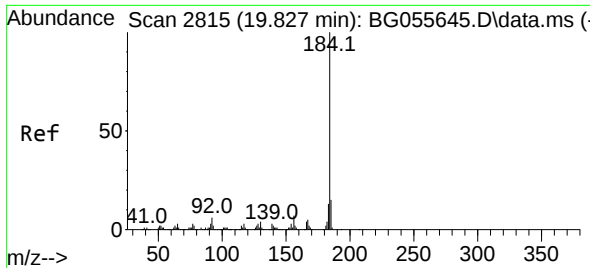
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.914 min Scan# 3170
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

Tgt Ion:240 Resp: 274231
Ion Ratio Lower Upper
240 100
120 7.9 6.3 9.5
236 26.9 21.9 32.9





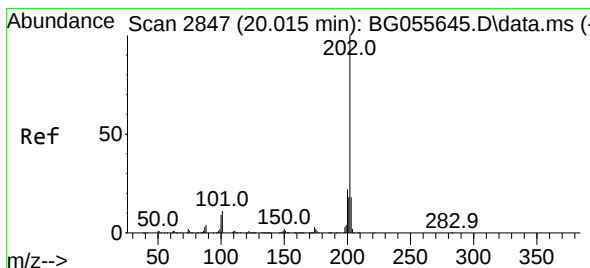
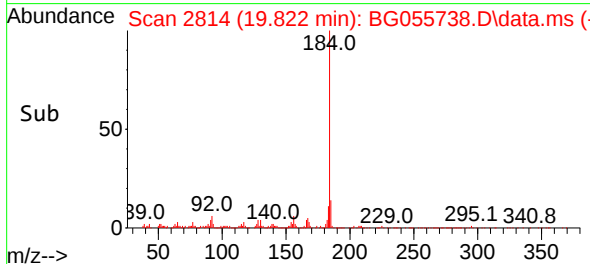
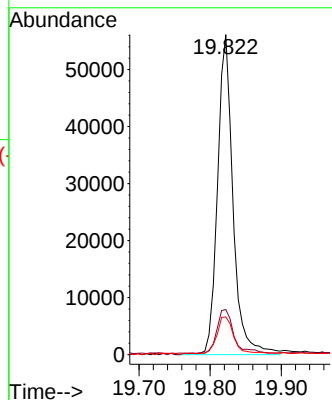
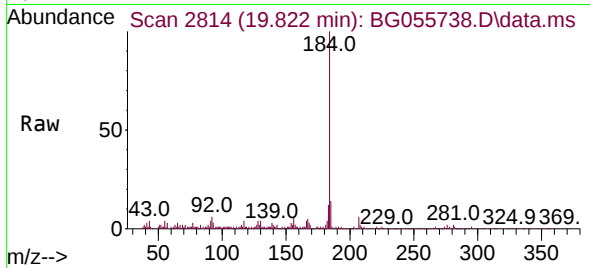
#77
Benzidine
Concen: 13.436 ng
RT: 19.822 min Scan# 2814
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD

Tgt Ion:184 Resp: 85242
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.8
183 11.8 10.6 15.8

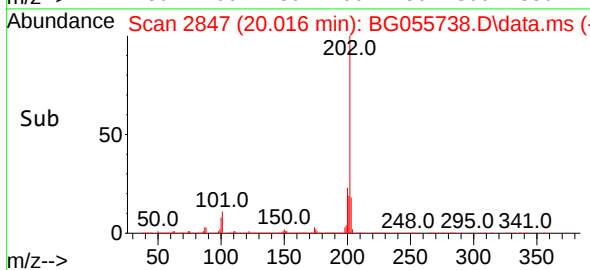
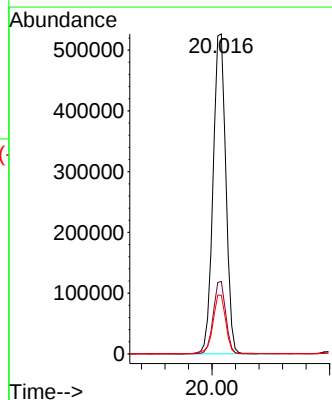
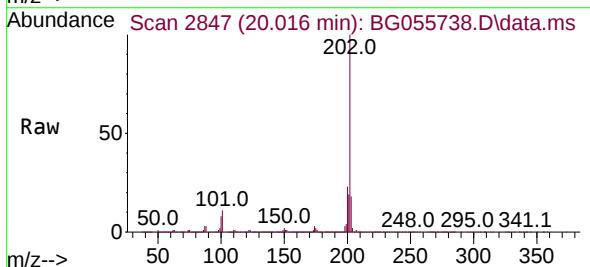
Manual Integrations
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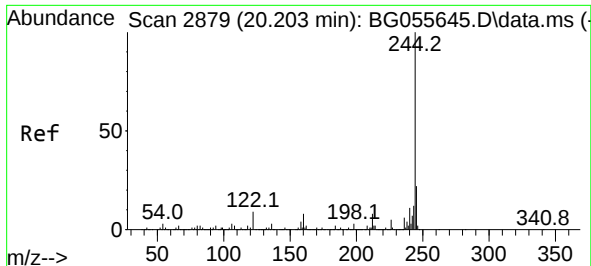
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#78
Pyrene
Concen: 42.614 ng
RT: 20.016 min Scan# 2847
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

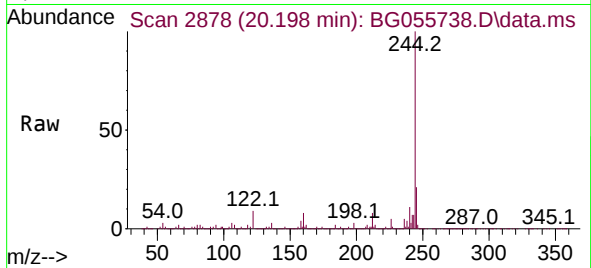
Tgt Ion:202 Resp: 791000
Ion Ratio Lower Upper
202 100
200 22.6 17.8 26.6
203 18.3 14.4 21.6





#79
Terphenyl-d14
Concen: 88.206 ng
RT: 20.198 min Scan# 2879
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

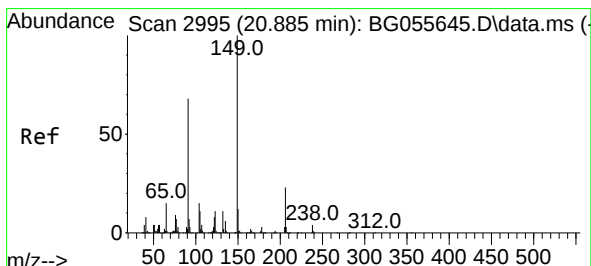
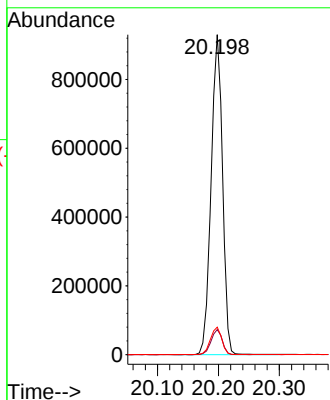
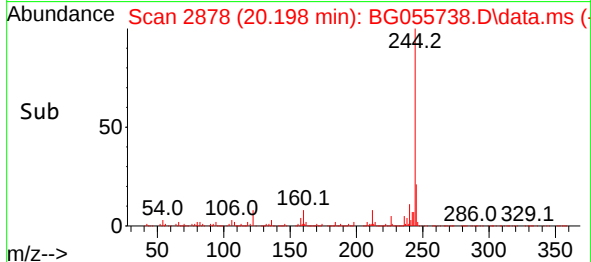
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



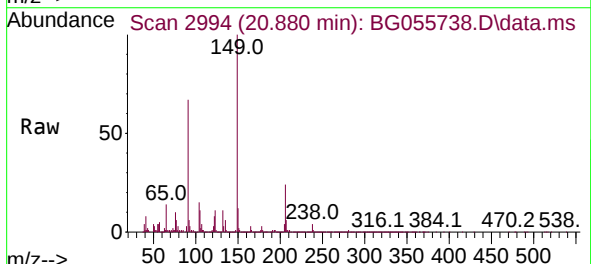
Tgt Ion:244 Resp: 1209365
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 8.6 6.9 10.3

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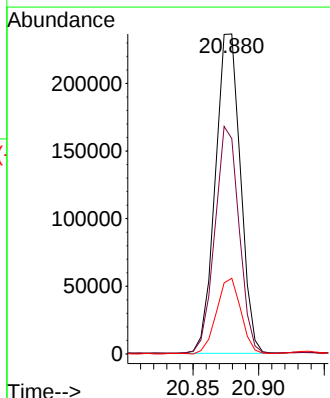
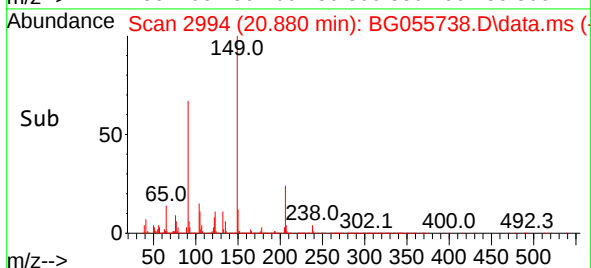
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

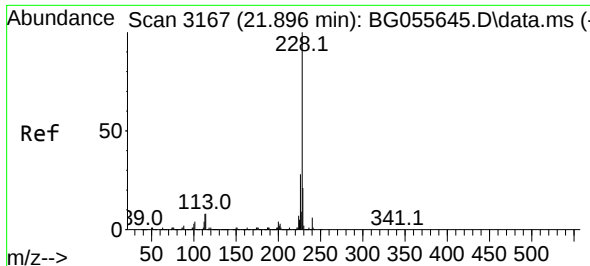


#80
Butylbenzylphthalate
Concen: 43.291 ng
RT: 20.880 min Scan# 2994
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35



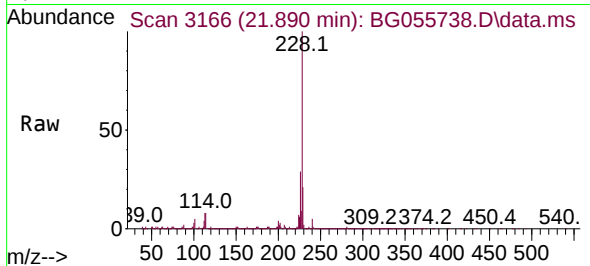
Tgt Ion:149 Resp: 314584
Ion Ratio Lower Upper
149 100
91 67.3 54.6 81.8
206 23.6 18.3 27.5





#81
Benzo(a)anthracene
Concen: 41.728 ng
RT: 21.890 min Scan# 3167
Delta R.T. 0.007 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

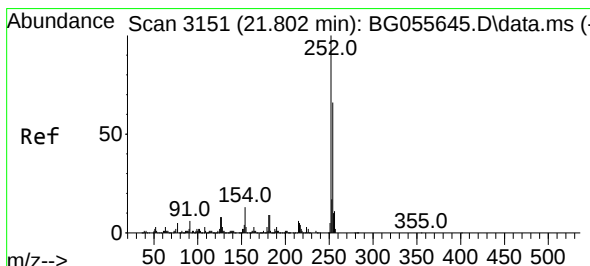
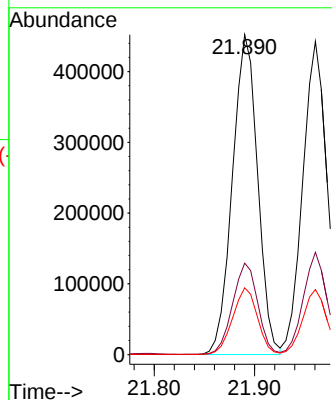
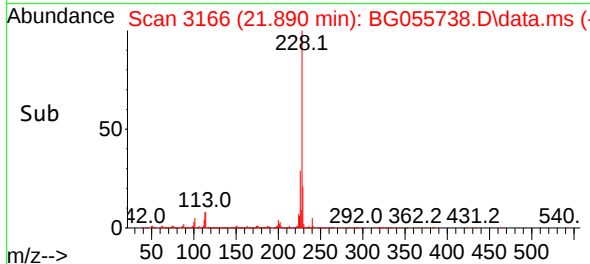
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



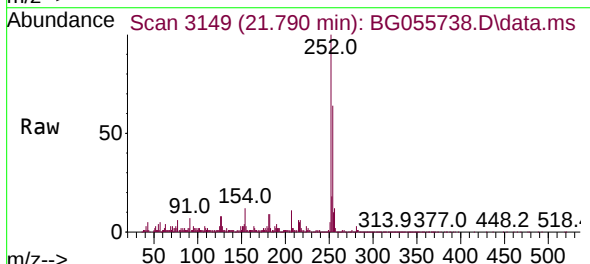
Tgt Ion:228 Resp: 788152
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 20.9 16.5 24.7

Manual Integrations
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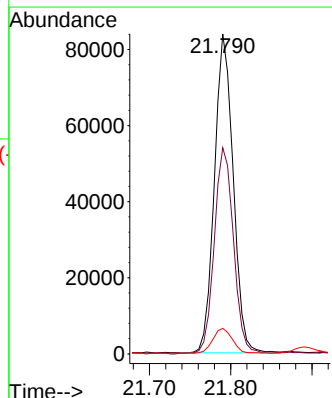
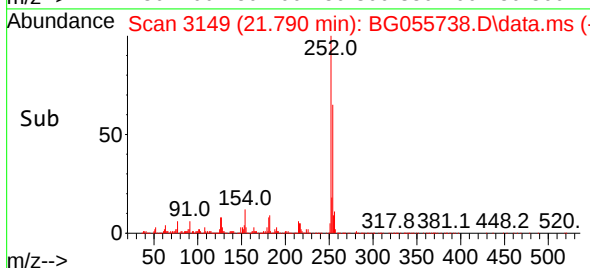
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

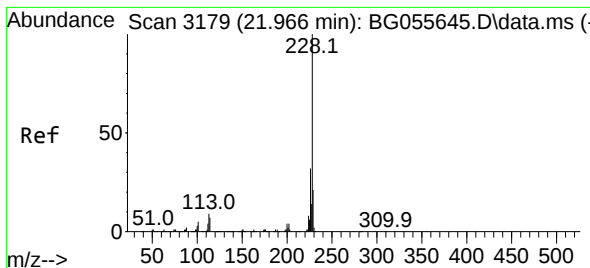


#82
3,3'-Dichlorobenzidine
Concen: 20.215 ng
RT: 21.790 min Scan# 3149
Delta R.T. 0.001 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35



Tgt Ion:252 Resp: 134167
Ion Ratio Lower Upper
252 100
254 64.4 53.0 79.6
126 8.0 6.7 10.1





#83

Chrysene

Concen: 41.351 ng

RT: 21.961 min Scan# 3179

Delta R.T. 0.007 min

Lab File: BG055738.D

Acq: 22 Nov 2022 13:35

Instrument :

BNA_G

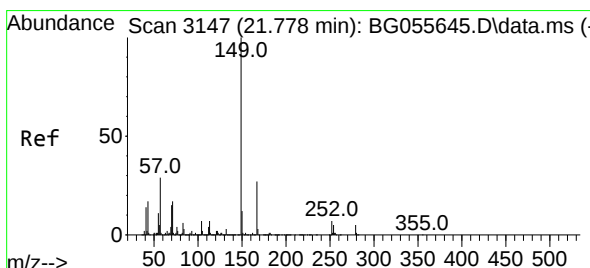
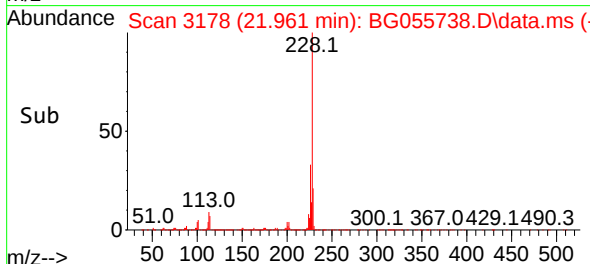
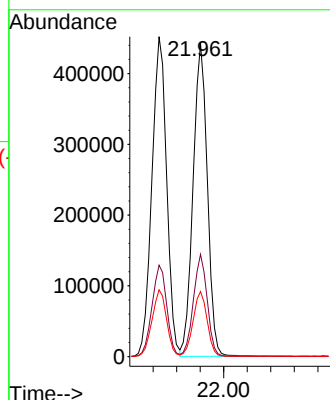
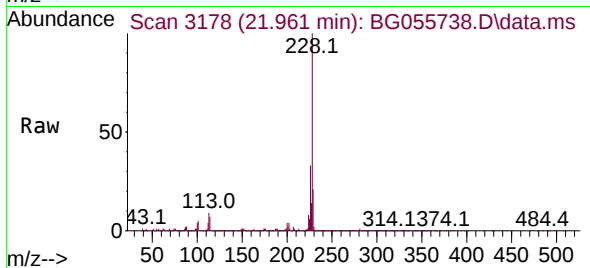
ClientSampleId :

FRAC-TANK-0760533MSD

Tgt Ion:228 Resp: 743543
 Ion Ratio Lower Upper
 228 100
 226 32.7 25.4 38.2
 229 20.8 17.1 25.7

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Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.046 ng

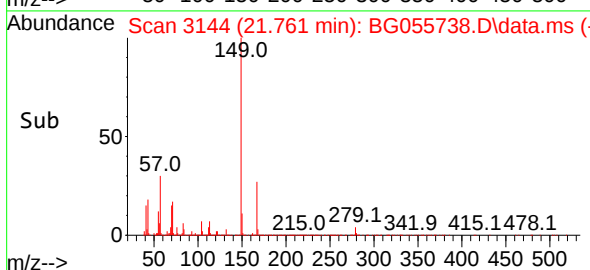
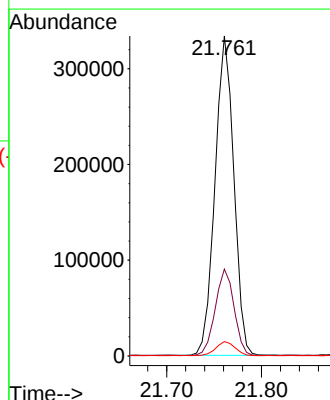
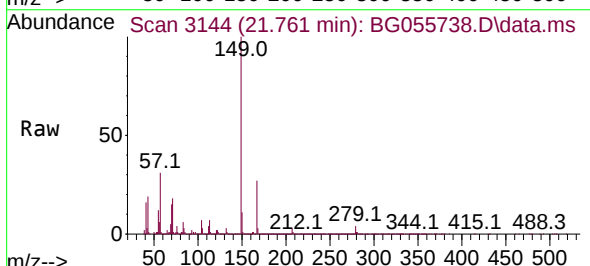
RT: 21.761 min Scan# 3144

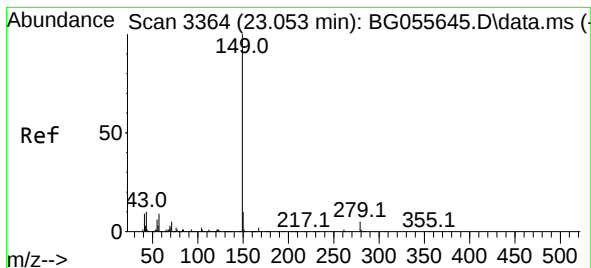
Delta R.T. 0.007 min

Lab File: BG055738.D

Acq: 22 Nov 2022 13:35

Tgt Ion:149 Resp: 459987
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.0 33.0
 279 4.5 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 44.370 ng

RT: 23.030 min Scan# 33

Delta R.T. 0.001 min

Lab File: BG055738.D

Acq: 22 Nov 2022 13:35

Instrument :

BNA_G

ClientSampleId :

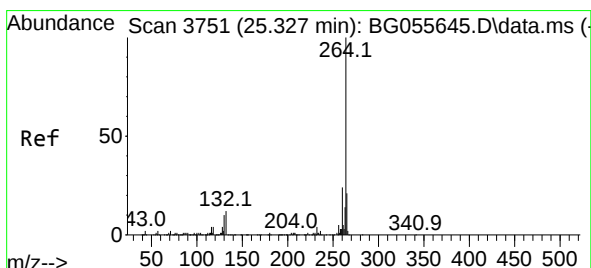
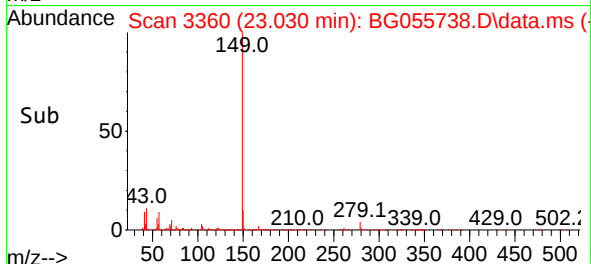
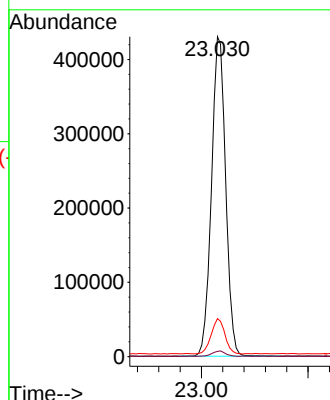
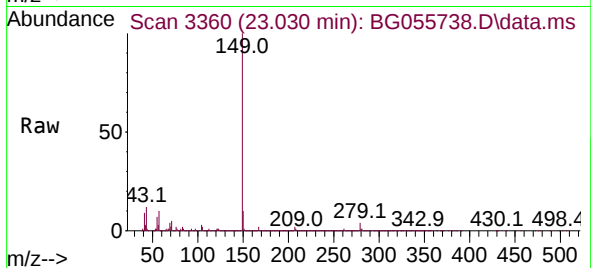
FRAC-TANK-0760533MSD

Tgt Ion:149 Resp: 792973
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.6 8.4 12.6

Manual Integrations

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Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022



#86

Perylene-d12

Concen: 20.000 ng

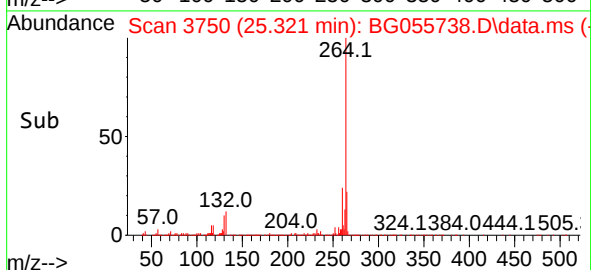
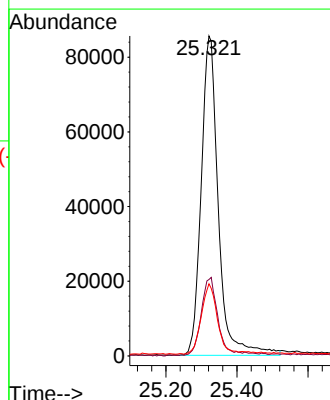
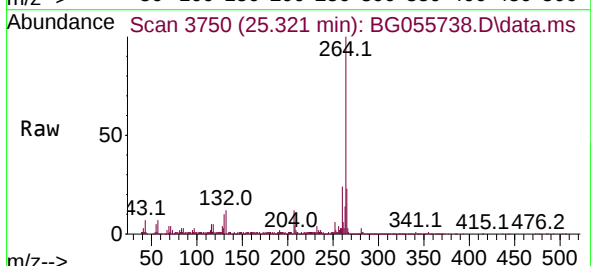
RT: 25.321 min Scan# 3750

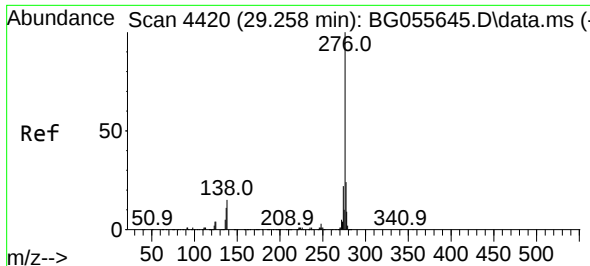
Delta R.T. 0.019 min

Lab File: BG055738.D

Acq: 22 Nov 2022 13:35

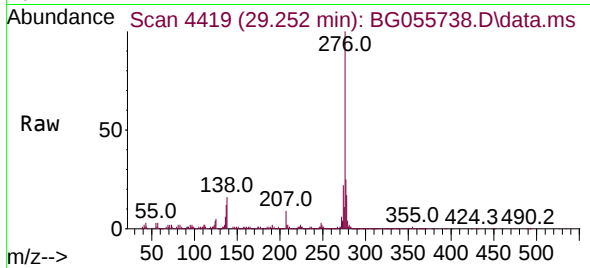
Tgt Ion:264 Resp: 284261
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 22.5 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 33.149 ng
RT: 29.252 min Scan# 4419
Delta R.T. 0.019 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

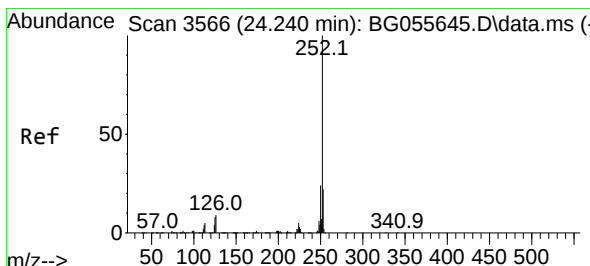
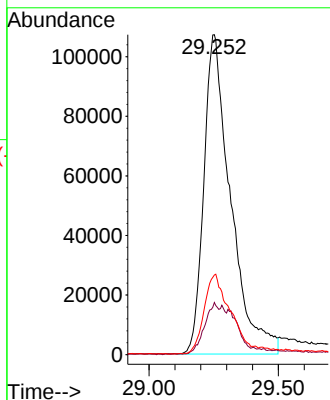
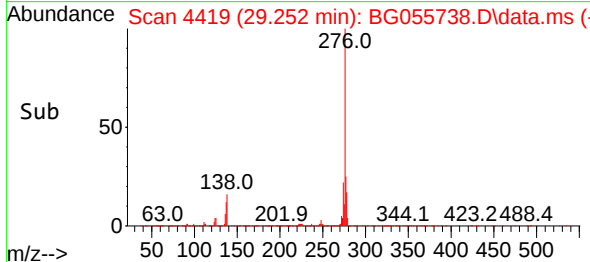
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



Tgt Ion:276 Resp: 771955
Ion Ratio Lower Upper
276 100
138 8.3 10.4 15.6
277 24.1 20.2 30.4

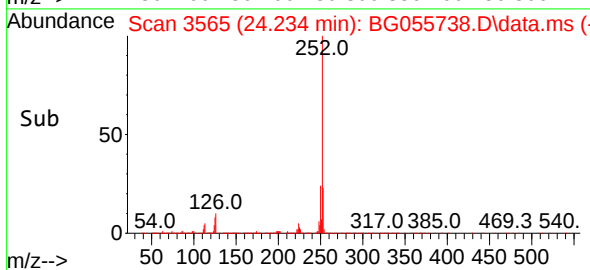
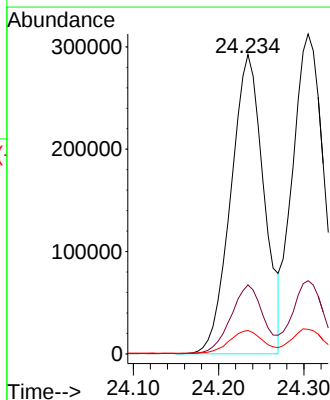
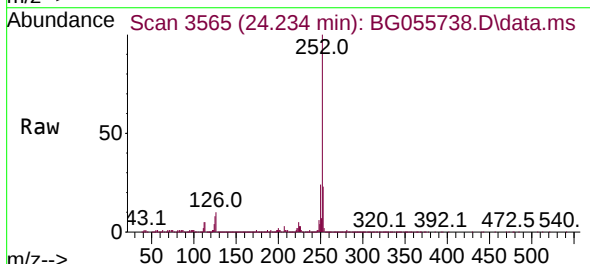
Manual Integrations
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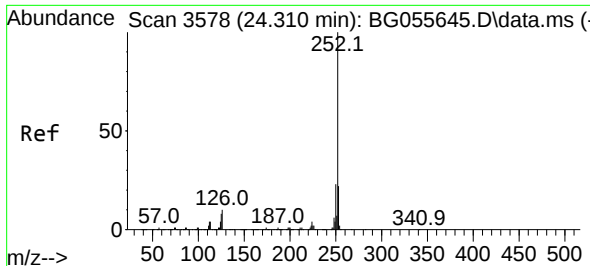
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#88
Benzo(b)fluoranthene
Concen: 42.486 ng
RT: 24.234 min Scan# 3565
Delta R.T. 0.013 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

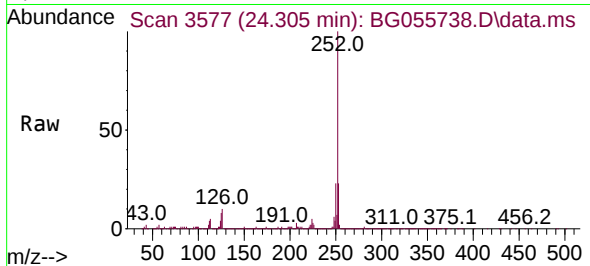
Tgt Ion:252 Resp: 786535
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 7.9 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 44.955 ng
RT: 24.305 min Scan# 31
Delta R.T. 0.013 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

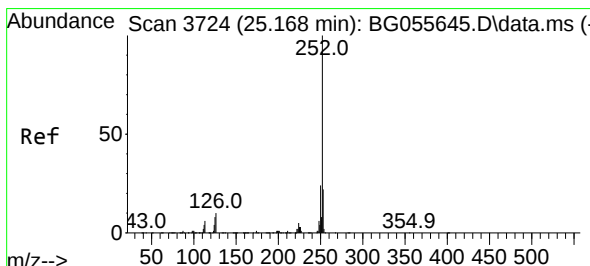
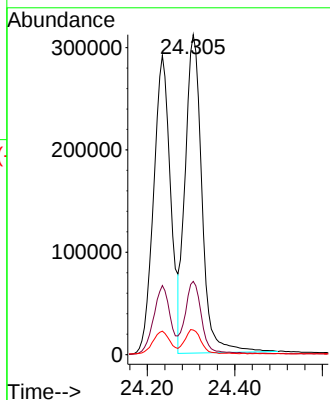
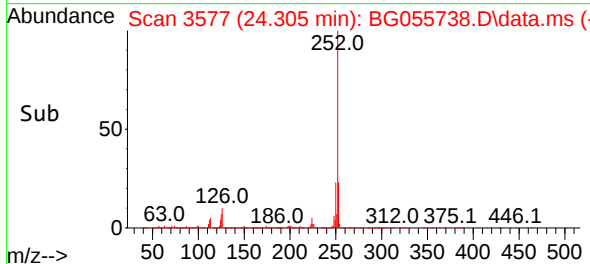
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



Tgt Ion:252 Resp: 829576
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 7.7 6.1 9.1

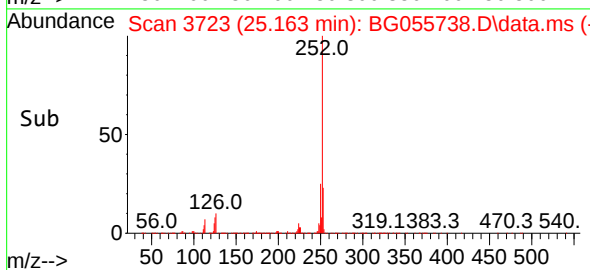
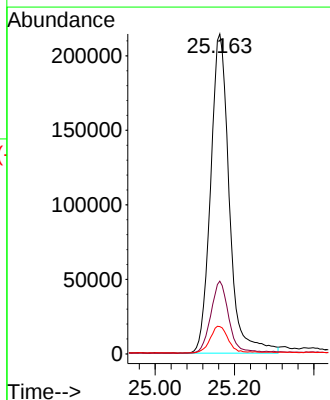
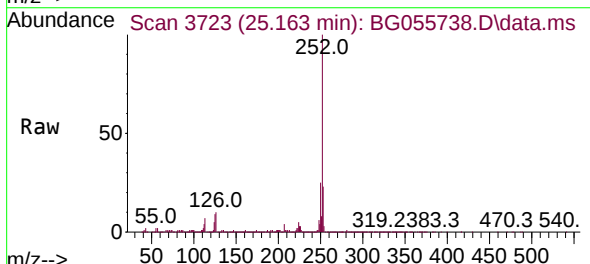
Manual Integrations
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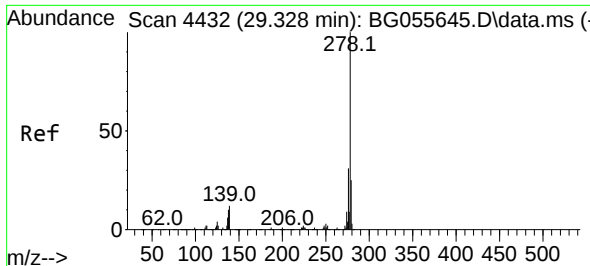
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#90
Benzo(a)pyrene
Concen: 44.087 ng
RT: 25.163 min Scan# 3723
Delta R.T. 0.013 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

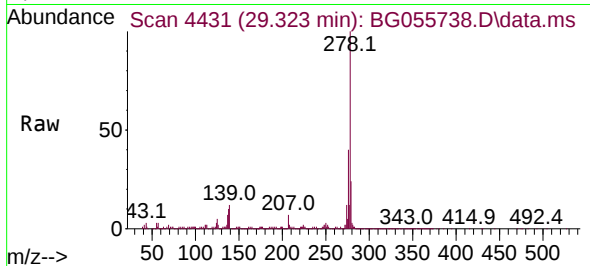
Tgt Ion:252 Resp: 700373
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 8.5 6.4 9.6





#91
Dibenzo(a,h)anthracene
Concen: 35.767 ng
RT: 29.323 min Scan# 4432
Delta R.T. 0.031 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

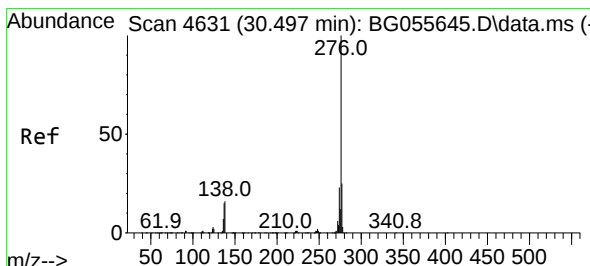
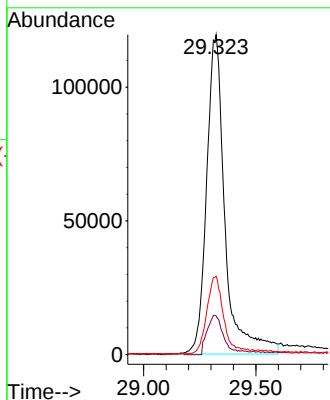
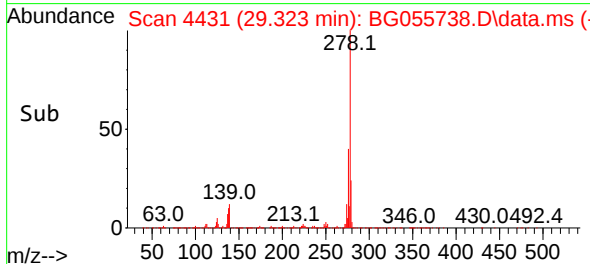
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MSD



Tgt Ion:278 Resp: 680636
Ion Ratio Lower Upper
278 100
139 12.1 9.8 14.8
279 24.5 19.8 29.6

Manual Integrations
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Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#92
Benzo(g,h,i)perylene
Concen: 30.137 ng
RT: 30.492 min Scan# 4630
Delta R.T. 0.031 min
Lab File: BG055738.D
Acq: 22 Nov 2022 13:35

Tgt Ion:276 Resp: 578026
Ion Ratio Lower Upper
276 100
277 22.8 19.8 29.6
138 15.9 13.1 19.7

