

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
 Data File : BG055737.D
 Acq On : 22 Nov 2022 12:54
 Operator : CG/JU
 Sample : N5598-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-0760533MS

Manual Integrations
 APPROVED

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

Quant Time: Nov 23 01:37:23 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	8.246	152	47788	20.000	ng	0.00
21) Naphthalene-d8	11.078	136	201597	20.000	ng	0.00
39) Acenaphthene-d10	14.868	164	137869	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	294919	20.000	ng	0.00
76) Chrysene-d12	21.912	240	270567	20.000	ng	0.00
86) Perylene-d12	25.320	264	270583	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.778	112	349508	132.197	ng	0.00
7) Phenol-d6	7.394	99	416020	118.208	ng	0.00
23) Nitrobenzene-d5	9.421	82	317854	83.335	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	245482	126.448	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	768734	83.533	ng	0.00
79) Terphenyl-d14	20.197	244	1192530	88.156	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.616	88	41235	36.496	ng	# 16
3) Pyridine	4.033	79	111120	32.059	ng	98
4) n-Nitrosodimethylamine	3.933	42	70283	38.299	ng	95
6) Aniline	7.564	93	54114	12.242	ng	99
8) 2-Chlorophenol	7.805	128	142082	47.010	ng	98
9) Benzaldehyde	7.371	77	69770	29.191	ng	94
10) Phenol	7.423	94	151949	38.560	ng	99
11) bis(2-Chloroethyl)ether	7.653	93	131261	43.465	ng	97
12) 1,3-Dichlorobenzene	8.134	146	150605	42.383	ng	100
13) 1,4-Dichlorobenzene	8.281	146	154070	42.907	ng	99
14) 1,2-Dichlorobenzene	8.604	146	152430	44.299	ng	98
15) Benzyl Alcohol	8.481	79	131603m	46.011	ng	
16) 2,2'-oxybis(1-Chloropr...	8.769	45	242551	44.367	ng	98
17) 2-Methylphenol	8.687	107	122506	43.788	ng	98
18) Hexachloroethane	9.339	117	54270	43.912	ng	98
19) n-Nitroso-di-n-propyla...	9.051	70	113044	41.805	ng	97
20) 3+4-Methylphenols	9.016	107	165191	42.268	ng	99
22) Acetophenone	9.074	105	220493	42.091	ng	# 99
24) Nitrobenzene	9.462	77	165596	41.565	ng	99
25) Isophorone	9.985	82	312247	43.207	ng	99
26) 2-Nitrophenol	10.179	139	83488	45.395	ng	97
27) 2,4-Dimethylphenol	10.226	122	141170m	50.434	ng	
28) bis(2-Chloroethoxy)met...	10.461	93	180056	46.410	ng	99
29) 2,4-Dichlorophenol	10.720	162	146784	43.812	ng	99
30) 1,2,4-Trichlorobenzene	10.931	180	164897	42.365	ng	96
31) Naphthalene	11.125	128	452804	41.549	ng	99
32) Benzoic acid	10.355	122	50889	22.098	ng	94
33) 4-Chloroaniline	11.231	127	20363	4.530	ng	96
34) Hexachlorobutadiene	11.401	225	109351	41.144	ng	98
35) Caprolactam	12.000	113	37898m	32.688	ng	
36) 4-Chloro-3-methylphenol	12.335	107	155947	42.350	ng	96
37) 2-Methylnaphthalene	12.717	142	333658	40.890	ng	99
38) 1-Methylnaphthalene	12.929	142	314955	39.760	ng	99
40) 1,2,4,5-Tetrachloroben...	13.076	216	197748	45.642	ng	100
41) Hexachlorocyclopentadiene	13.052	237	103974	47.615	ng	98
43) 2,4,6-Trichlorophenol	13.311	196	131062	44.346	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.387	196	140224	43.175	ng	98
46) 1,1'-Biphenyl	13.704	154	444313	44.225	ng	97
47) 2-Chloronaphthalene	13.757	162	342739	43.890	ng	99
48) 2-Nitroaniline	13.951	65	109889	42.802	ng	96
49) Acenaphthylene	14.597	152	550947	42.845	ng	100
50) Dimethylphthalate	14.315	163	440295	40.062	ng	98
51) 2,6-Dinitrotoluene	14.439	165	94781	42.178	ng	99
52) Acenaphthene	14.938	154	351842m	41.864	ng	
53) 3-Nitroaniline	14.768	138	44972	18.230	ng	99
54) 2,4-Dinitrophenol	14.979	184	45997	35.600	ng	96
55) Dibenzofuran	15.267	168	532104	41.041	ng	99
56) 4-Nitrophenol	15.073	139	142740	73.725	ng	99
57) 2,4-Dinitrotoluene	15.226	165	133773	42.222	ng	93
58) Fluorene	15.914	166	415254	40.101	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.490	232	126874	40.316	ng	98
60) Diethylphthalate	15.667	149	432458	38.920	ng	99
61) 4-Chlorophenyl-phenyle...	15.896	204	233409	41.005	ng	98
62) 4-Nitroaniline	15.931	138	91200	35.367	ng	98
63) Azobenzene	16.190	77	391292	40.336	ng	99
65) 4,6-Dinitro-2-methylph...	15.990	198	40071	24.333	ng	96
66) n-Nitrosodiphenylamine	16.113	169	368399	45.326	ng	98
67) 4-Bromophenyl-phenylether	16.789	248	149229	44.410	ng	98
68) Hexachlorobenzene	16.918	284	166213	44.609	ng	99
69) Atrazine	17.053	200	148850	46.306	ng	98
70) Pentachlorophenol	17.259	266	191414	83.979	ng	99
71) Phenanthrene	17.659	178	668446	42.001	ng	100
72) Anthracene	17.747	178	681367	44.063	ng	99
73) Carbazole	18.011	167	609117	43.817	ng	100
74) Di-n-butylphthalate	18.546	149	729751	42.276	ng	100
75) Fluoranthene	19.650	202	756765	39.085	ng	99
77) Benzidine	19.821	184	80842	12.915	ng	99
78) Pyrene	20.015	202	771862	42.146	ng	98
80) Butylbenzylphthalate	20.878	149	310812	43.351	ng	99
81) Benzo(a)anthracene	21.889	228	779230	41.814	ng	100
82) 3,3'-Dichlorobenzidine	21.795	252	124126	18.956	ng	100
83) Chrysene	21.959	228	738203	41.610	ng	99
84) Bis(2-ethylhexyl)phtha...	21.760	149	453274	43.991	ng	99
85) Di-n-octyl phthalate	23.035	149	784322	44.480	ng	99
87) Indeno(1,2,3-cd)pyrene	29.257	276	675798	30.487	ng	# 94
88) Benzo(b)fluoranthene	24.233	252	746406	42.357	ng	100
89) Benzo(k)fluoranthene	24.304	252	860524	48.989	ng	99
90) Benzo(a)pyrene	25.161	252	686223	45.380	ng	98
91) Dibenzo(a,h)anthracene	29.321	278	591327	32.644	ng	99
92) Benzo(g,h,i)perylene	30.485	276	461627	25.285	ng	99

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

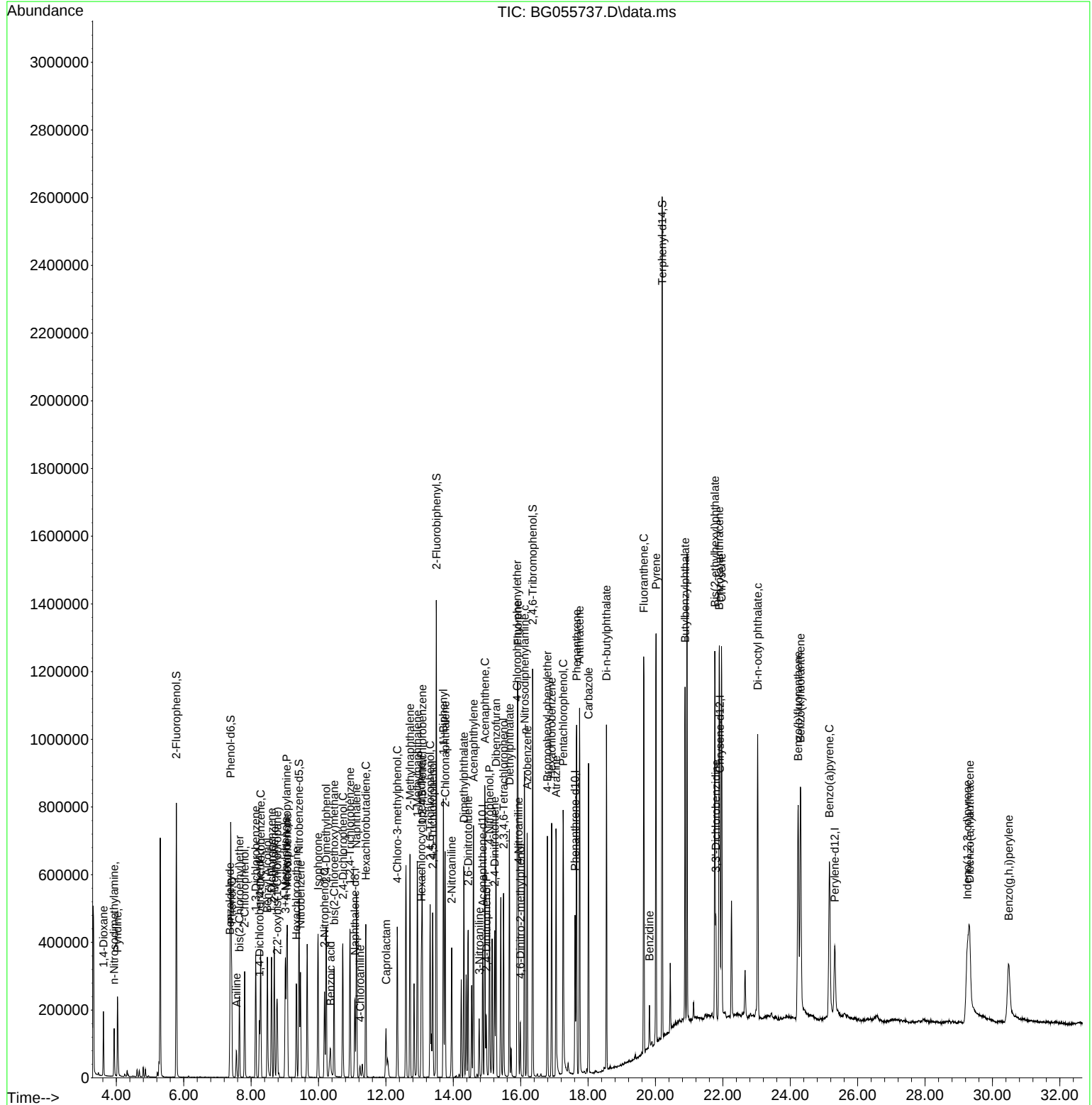
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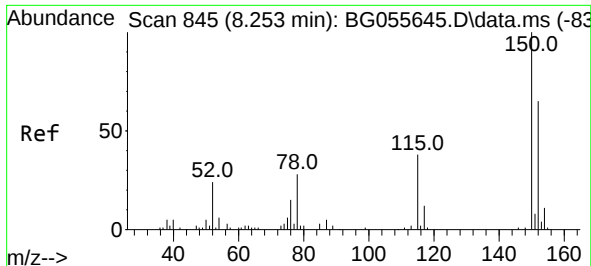
Instrument :
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Manual Integrations APPROVED

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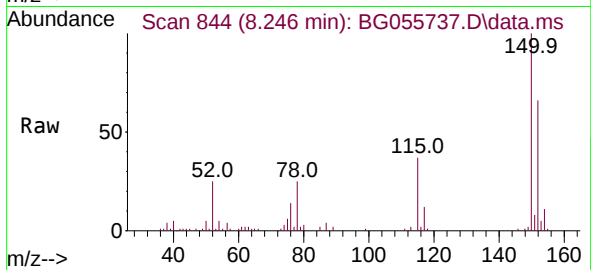
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.246 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

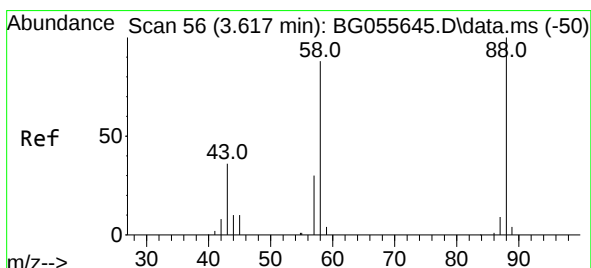
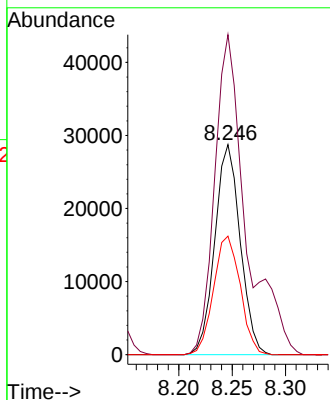
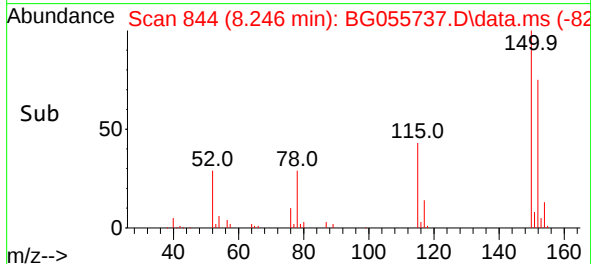
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



Tgt Ion:152 Resp: 47788
Ion Ratio Lower Upper
152 100
150 152.4 123.0 184.6
115 56.4 47.0 70.4

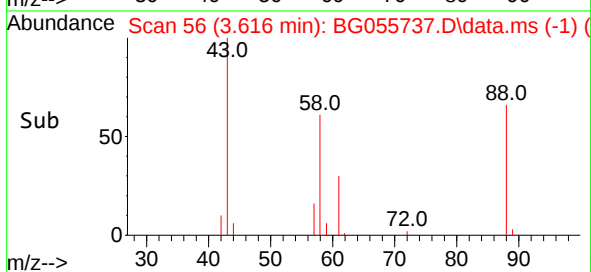
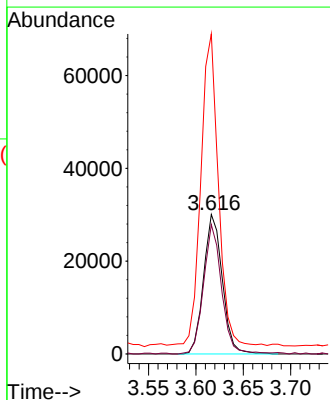
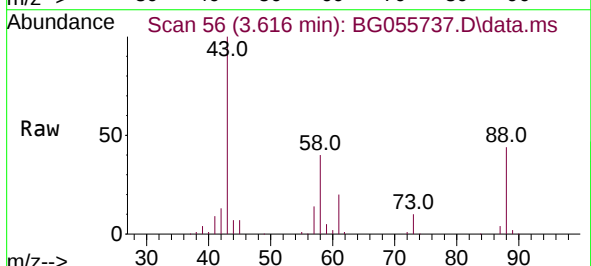
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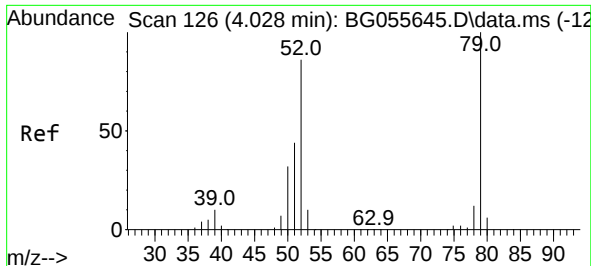
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#2
1,4-Dioxane
Concen: 36.496 ng
RT: 3.616 min Scan# 56
Delta R.T. 0.012 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

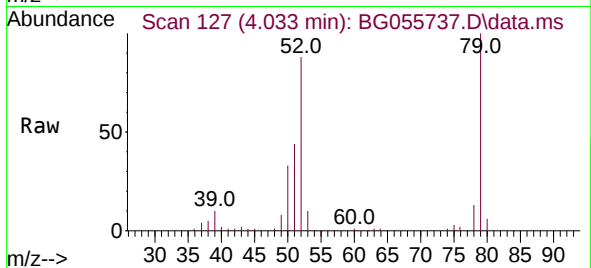
Tgt Ion: 88 Resp: 41235
Ion Ratio Lower Upper
88 100
58 89.5 71.3 106.9
43 207.9 28.6 43.0#





#3
Pyridine
Concen: 32.059 ng
RT: 4.033 min Scan# 110
Delta R.T. 0.012 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

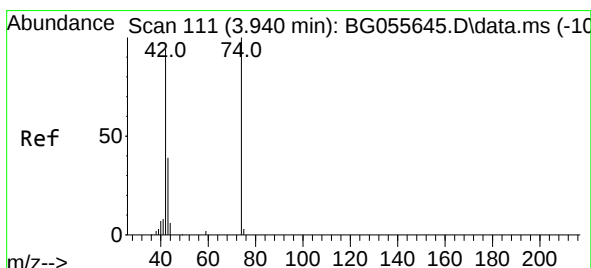
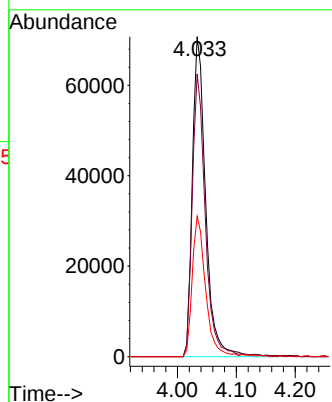
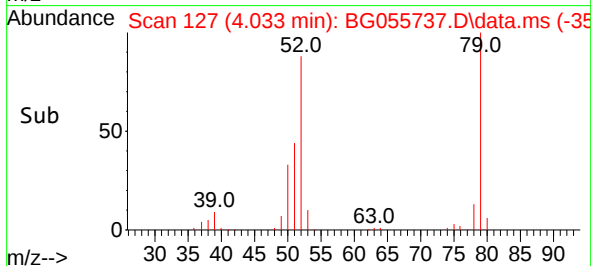
Instrument :
BNA_G
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FRAC-TANK-0760533MS



Tgt Ion: 79 Resp: 111120
Ion Ratio Lower Upper
79 100
52 88.3 68.9 103.3
51 43.8 34.8 52.2

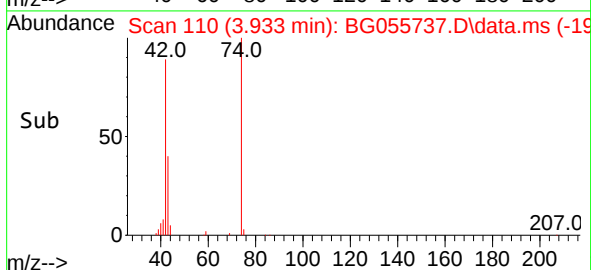
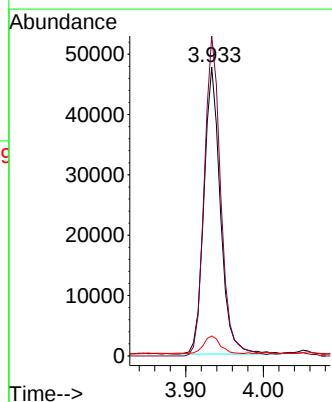
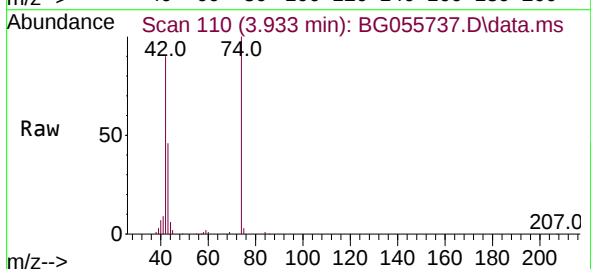
Manual Integrations
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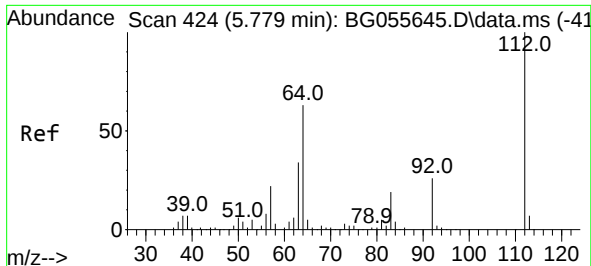
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#4
n-Nitrosodimethylamine
Concen: 38.299 ng
RT: 3.933 min Scan# 110
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

Tgt Ion: 42 Resp: 70283
Ion Ratio Lower Upper
42 100
74 110.9 84.7 127.1
44 6.9 5.4 8.0





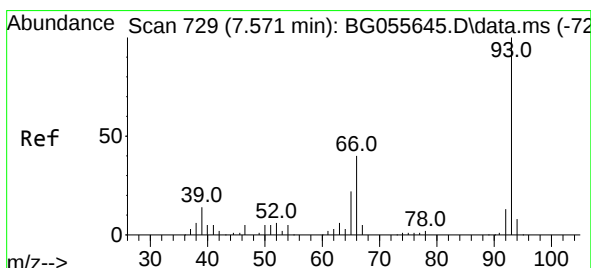
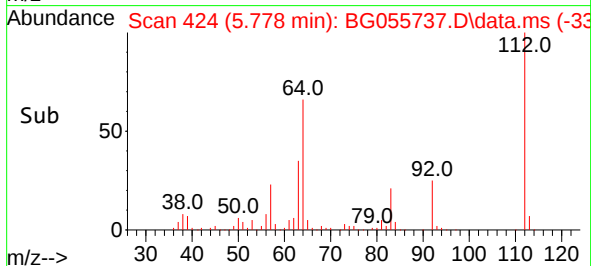
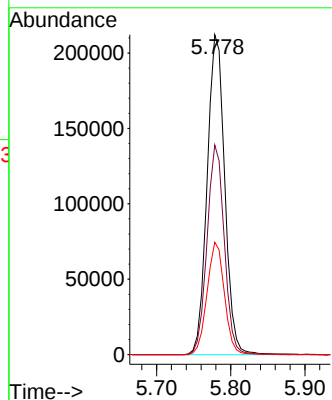
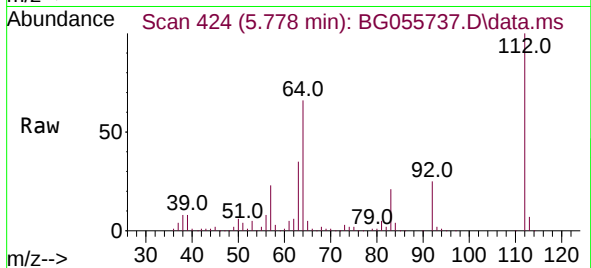
#5
2-Fluorophenol
Concen: 132.197 ng
RT: 5.778 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS

Tgt Ion:112 Resp: 349508
Ion Ratio Lower Upper
112 100
64 65.5 50.6 76.0
63 35.1 27.5 41.3

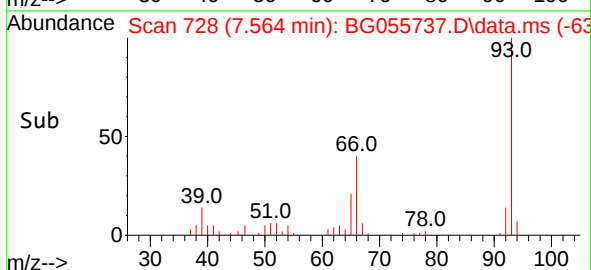
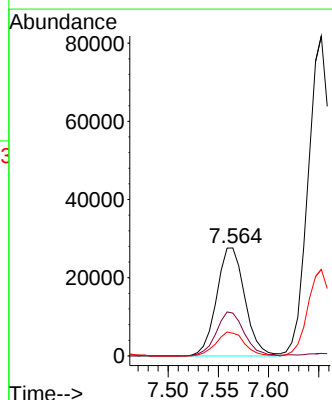
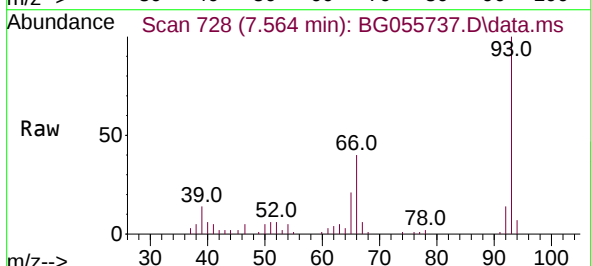
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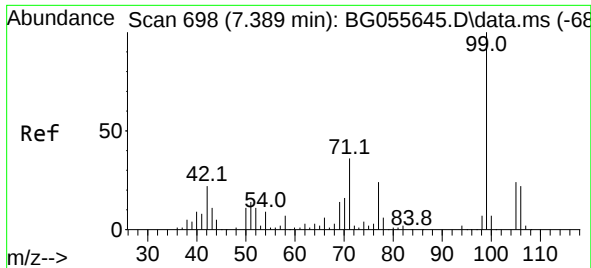
Reviewed By :Christian Giraldo 11/23/2022
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#6
Aniline
Concen: 12.242 ng
RT: 7.564 min Scan# 728
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

Tgt Ion: 93 Resp: 54114
Ion Ratio Lower Upper
93 100
66 39.7 31.7 47.5
65 21.0 17.9 26.9





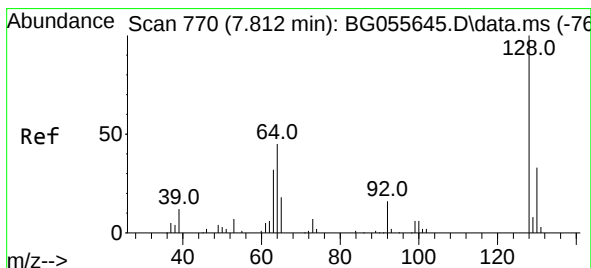
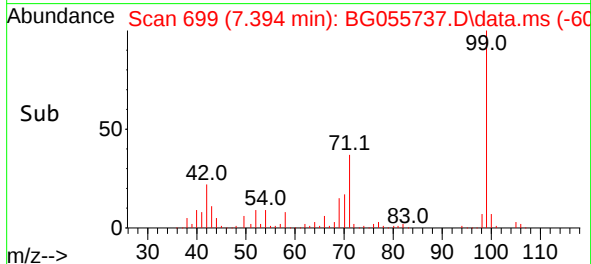
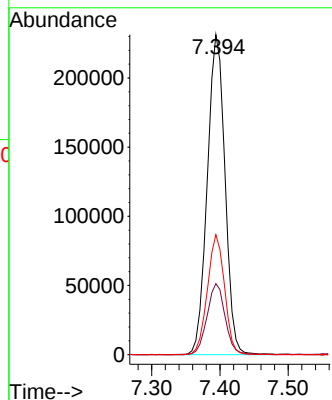
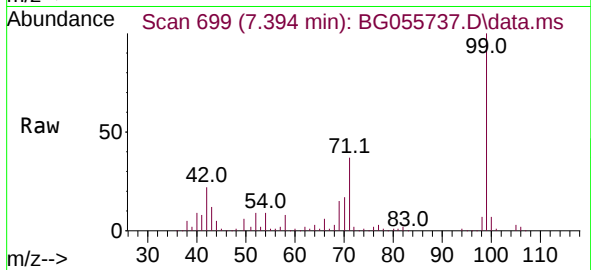
#7
Phenol-d6
Concen: 118.208 ng
RT: 7.394 min Scan# 698
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS

Tgt Ion: 99 Resp: 416020
Ion Ratio Lower Upper
99 100
42 22.2 18.0 27.0
71 37.5 29.0 43.6

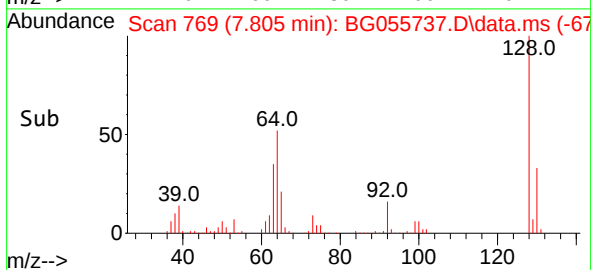
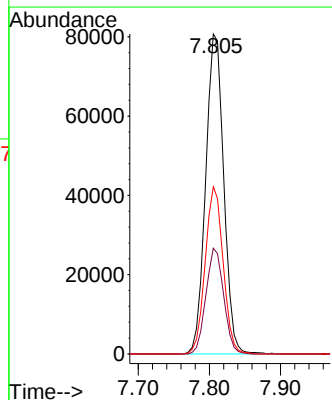
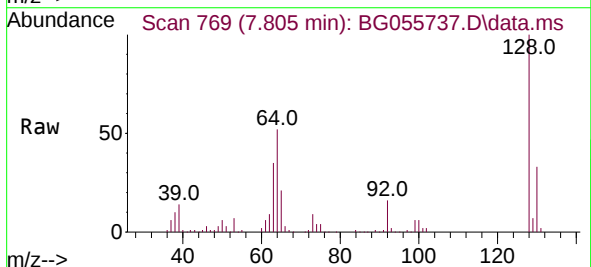
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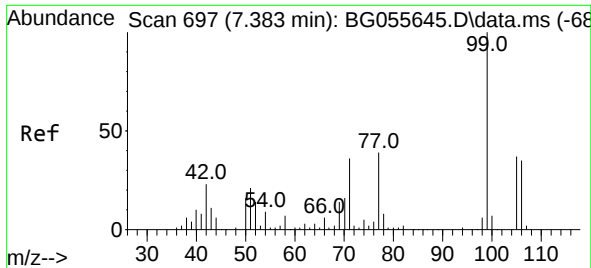
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#8
2-Chlorophenol
Concen: 47.010 ng
RT: 7.805 min Scan# 769
Delta R.T. 0.000 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

Tgt Ion:128 Resp: 142082
Ion Ratio Lower Upper
128 100
130 33.0 13.1 53.1
64 52.2 30.2 70.2





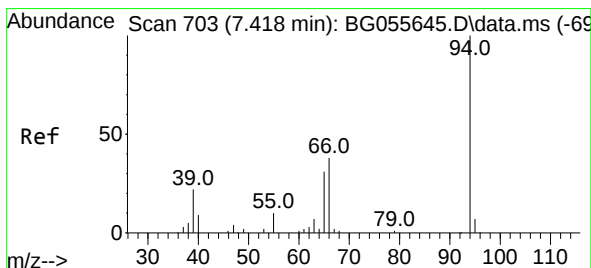
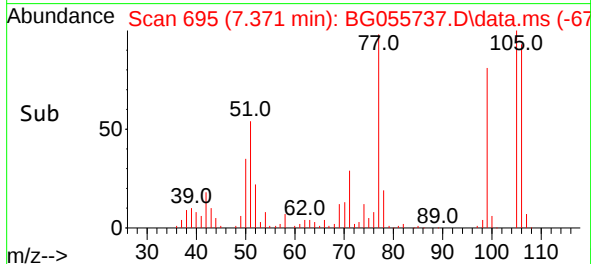
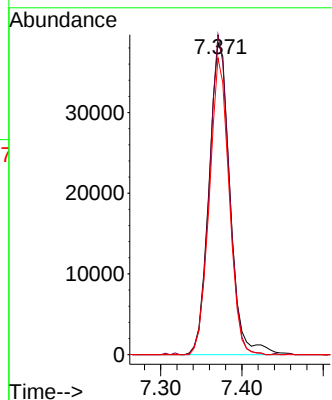
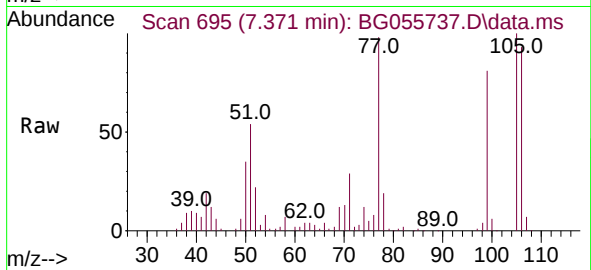
#9
Benzaldehyde
Concen: 29.191 ng
RT: 7.371 min Scan# 697
Delta R.T. 0.000 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

Instrument :
BNA_G
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FRAC-TANK-0760533MS

Tgt Ion: 77 Resp: 69776
Ion Ratio Lower Upper
77 100
105 102.5 76.3 116.3
106 95.1 69.8 109.8

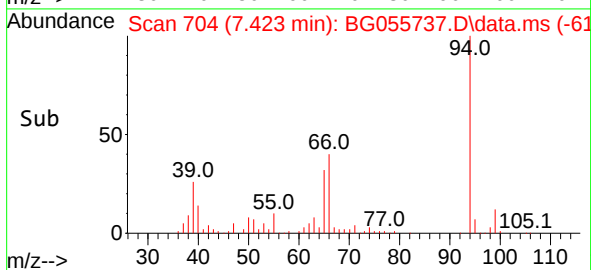
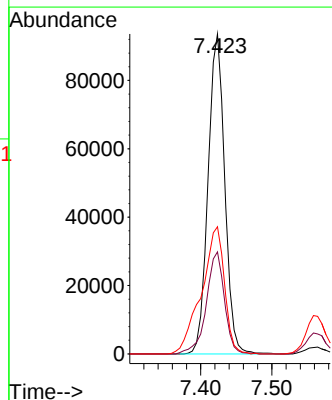
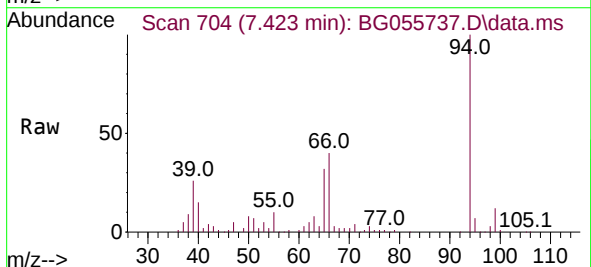
Manual Integrations
APPROVED

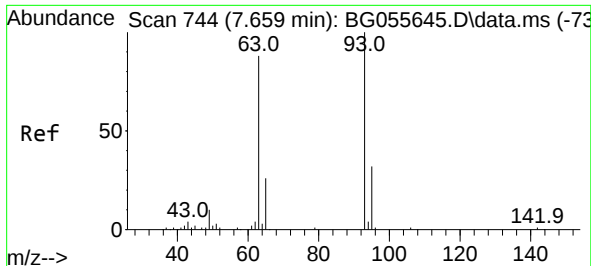
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#10
Phenol
Concen: 38.560 ng
RT: 7.423 min Scan# 704
Delta R.T. 0.012 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

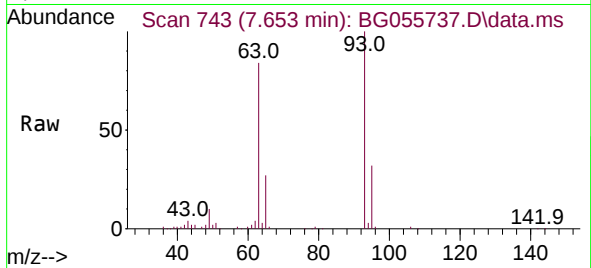
Tgt Ion: 94 Resp: 151949
Ion Ratio Lower Upper
94 100
65 31.9 11.8 51.8
66 39.7 20.5 60.5





#11
bis(2-Chloroethyl)ether
Concen: 43.465 ng
RT: 7.653 min Scan# 744
Delta R.T. 0.000 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

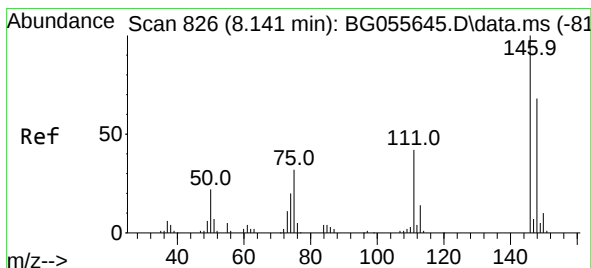
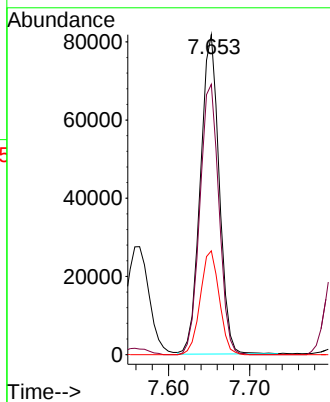
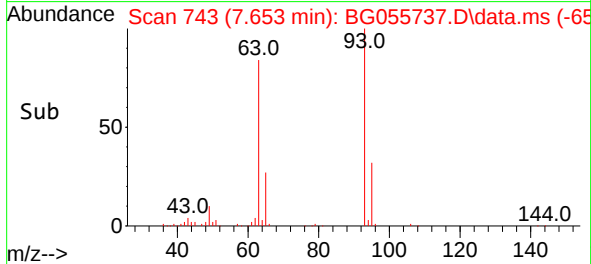
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



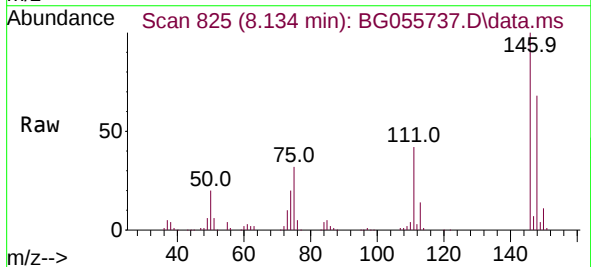
Tgt Ion: 93 Resp: 131263
Ion Ratio Lower Upper
93 100
63 84.5 67.6 107.6
95 32.4 11.8 51.8

Manual Integrations
APPROVED

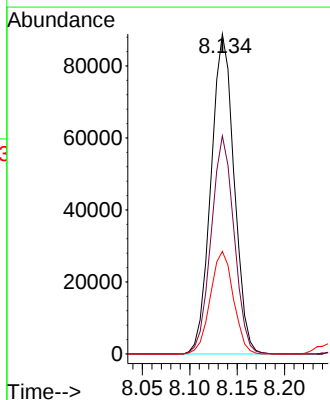
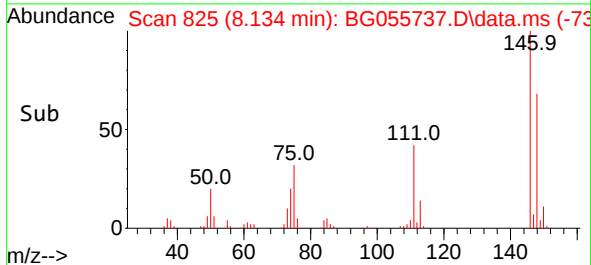
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

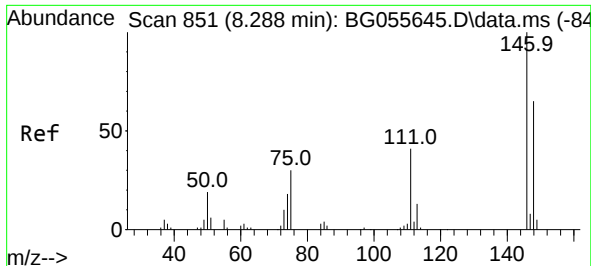


#12
1,3-Dichlorobenzene
Concen: 42.383 ng
RT: 8.134 min Scan# 825
Delta R.T. 0.000 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54



Tgt Ion:146 Resp: 150605
Ion Ratio Lower Upper
146 100
148 68.1 54.6 81.8
75 32.0 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 42.907 ng

RT: 8.281 min Scan# 851

Delta R.T. 0.000 min

Lab File: BG055737.D

Acq: 22 Nov 2022 12:54

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-0760533MS

Tgt Ion:146 Resp: 154070

Ion Ratio Lower Upper

146 100

148 66.0 52.1 78.1

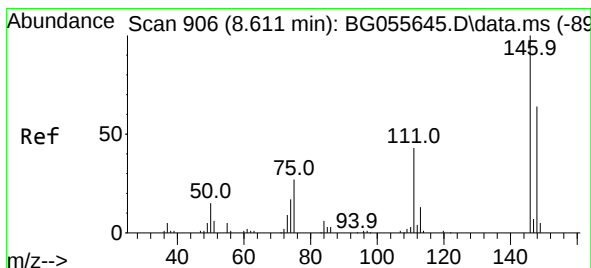
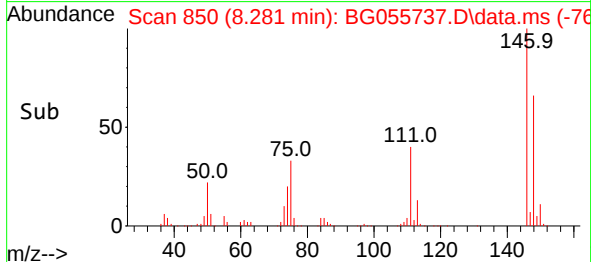
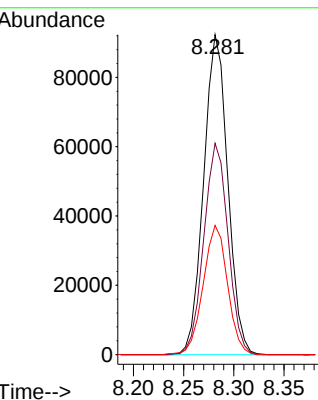
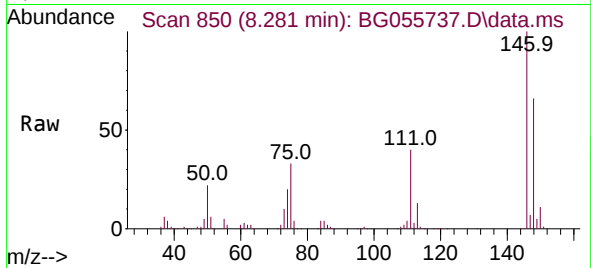
111 40.4 33.0 49.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#14

1,2-Dichlorobenzene

Concen: 44.299 ng

RT: 8.604 min Scan# 905

Delta R.T. 0.000 min

Lab File: BG055737.D

Acq: 22 Nov 2022 12:54

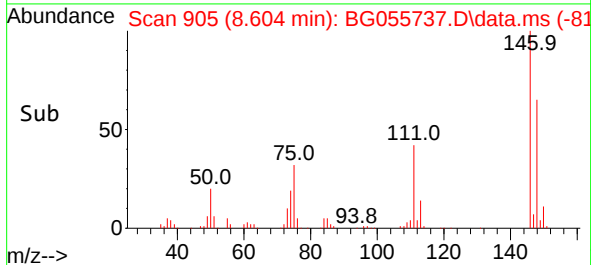
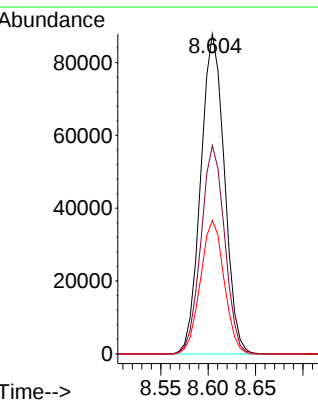
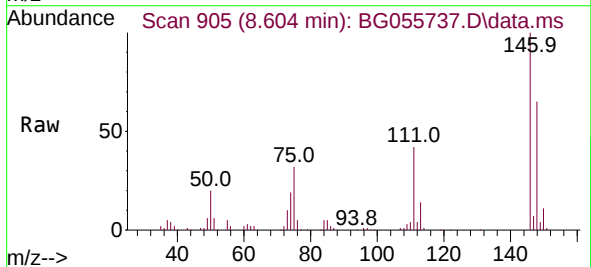
Tgt Ion:146 Resp: 152430

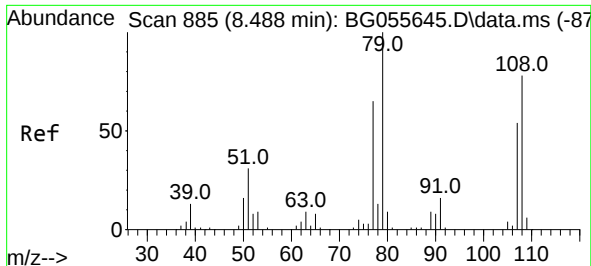
Ion Ratio Lower Upper

146 100

148 65.1 50.9 76.3

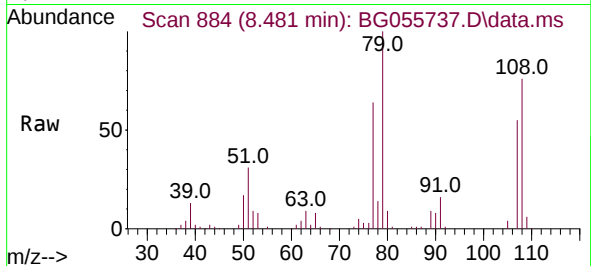
111 41.7 34.5 51.7





#15
Benzyl Alcohol
Concen: 46.011 ng m
RT: 8.481 min Scan# 885
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

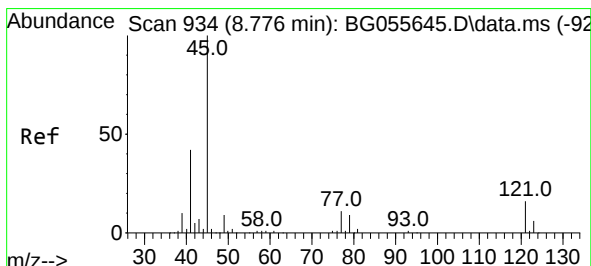
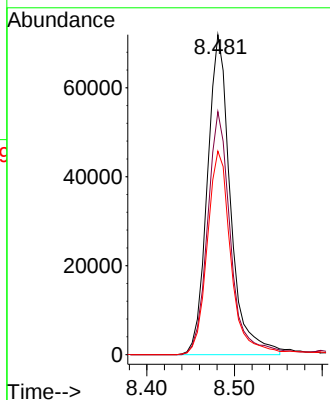
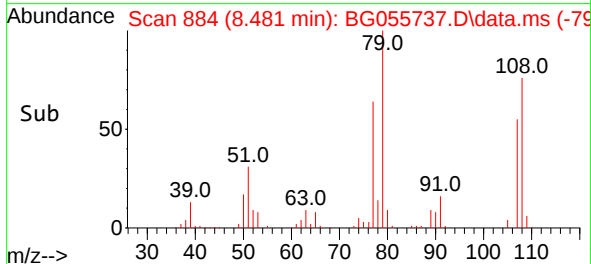
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



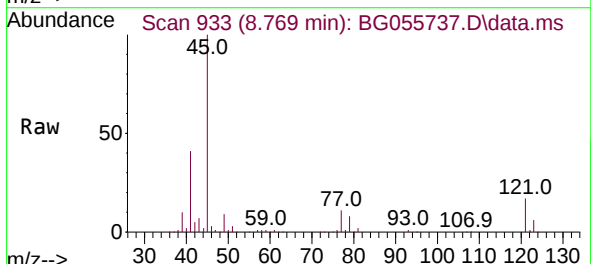
Tgt Ion: 79 Resp: 131603
Ion Ratio Lower Upper
79 100
108 75.9 62.6 93.8
77 63.6 52.4 78.6

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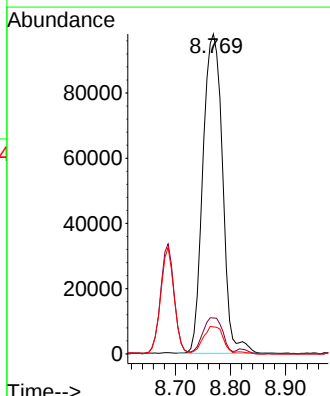
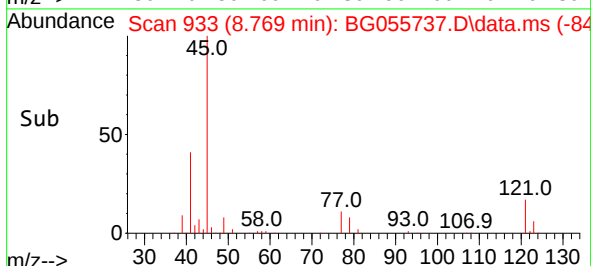
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

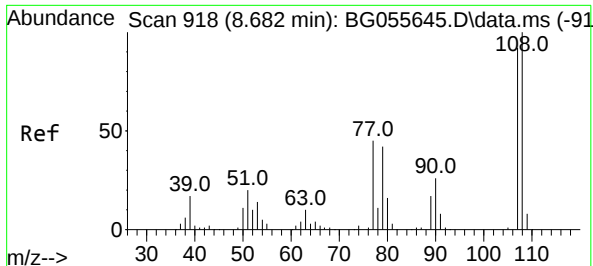


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.367 ng
RT: 8.769 min Scan# 933
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54



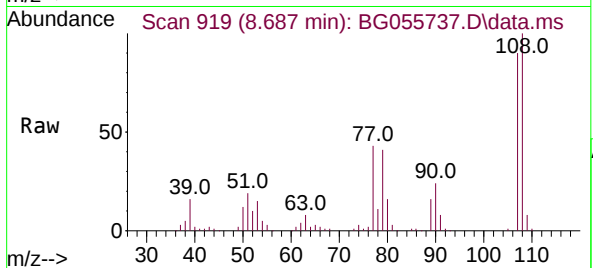
Tgt Ion: 45 Resp: 242551
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.7
79 8.4 0.0 29.5





#17
2-Methylphenol
Concen: 43.788 ng
RT: 8.687 min Scan# 918
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

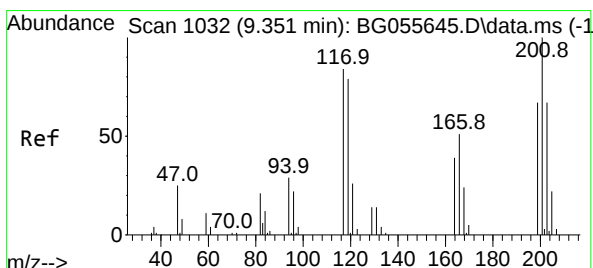
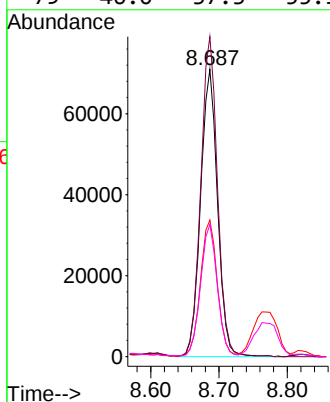
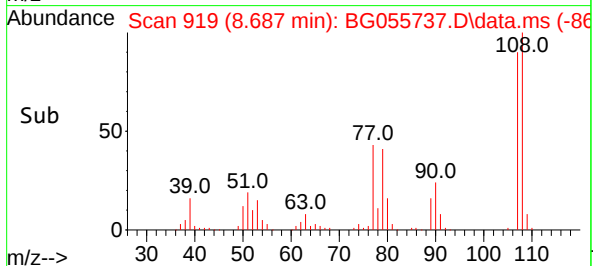
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



Tgt Ion:107 Resp: 122506
Ion Ratio Lower Upper
107 100
108 111.4 87.3 130.9
77 47.5 39.4 59.0
79 46.0 37.3 55.9

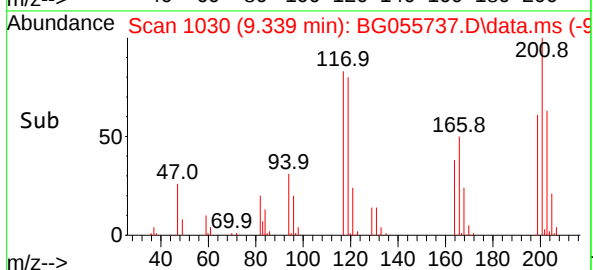
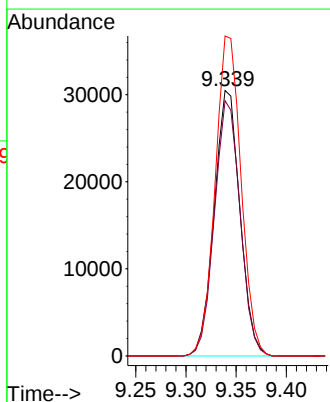
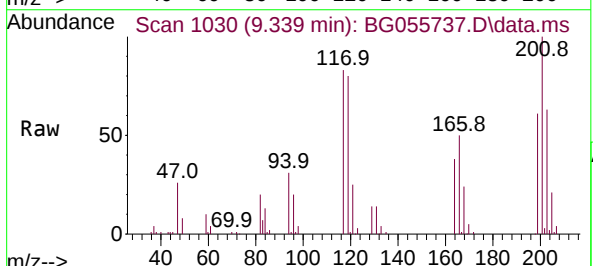
Manual Integrations
APPROVED

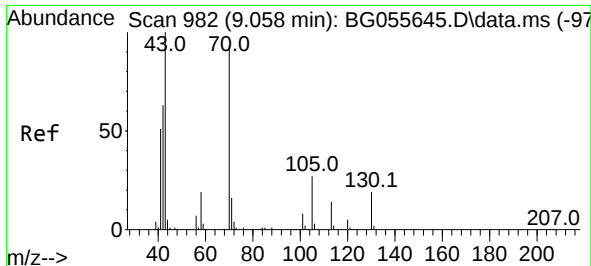
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#18
Hexachloroethane
Concen: 43.912 ng
RT: 9.339 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

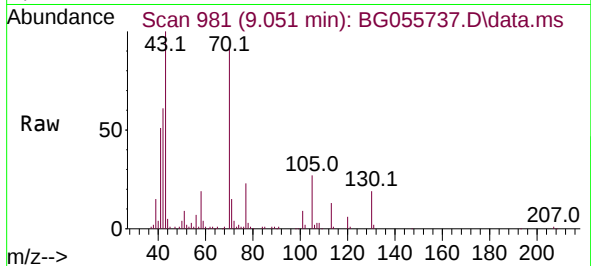
Tgt Ion:117 Resp: 54270
Ion Ratio Lower Upper
117 100
119 96.2 76.0 114.0
201 120.6 98.6 148.0





#19
n-Nitroso-di-n-propylamine
Concen: 41.805 ng
RT: 9.051 min Scan# 981
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

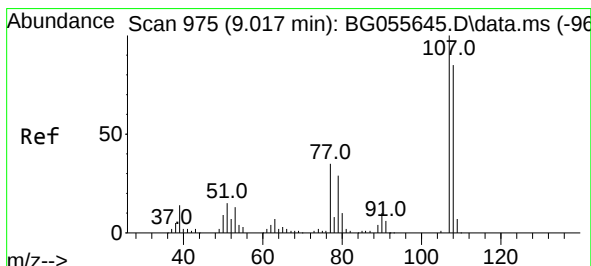
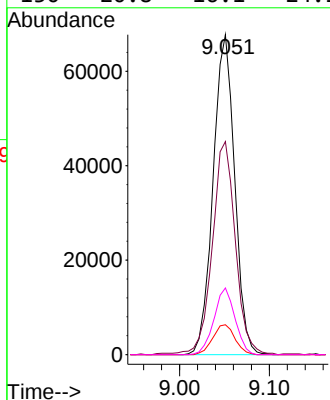
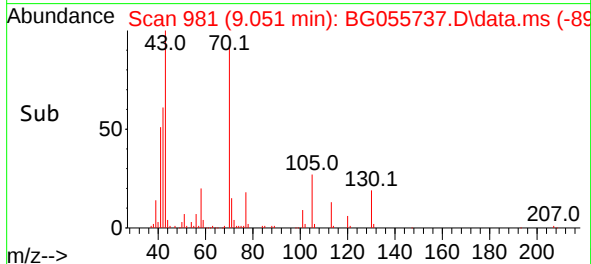
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



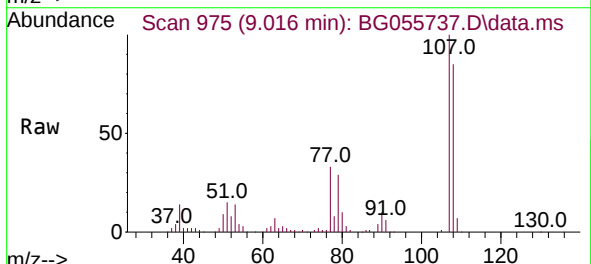
Tgt Ion: 70 Resp: 113044
Ion Ratio Lower Upper
70 100
42 66.6 55.2 82.8
101 9.3 7.1 10.7
130 20.8 16.1 24.1

Manual Integrations
APPROVED

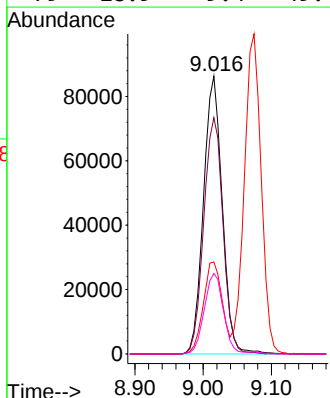
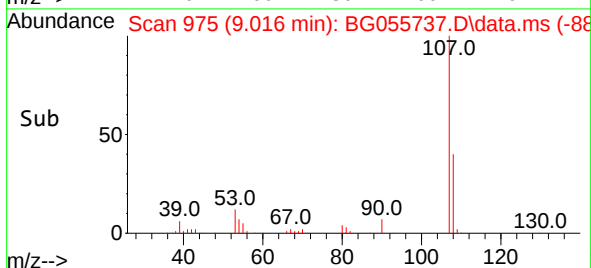
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

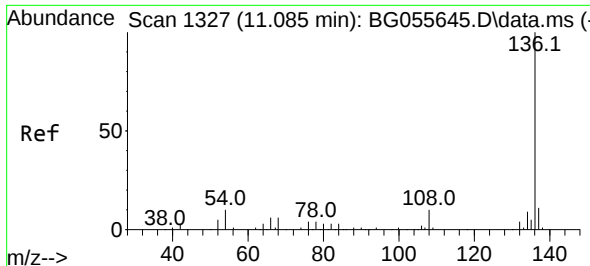


#20
3+4-Methylphenols
Concen: 42.268 ng
RT: 9.016 min Scan# 975
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54



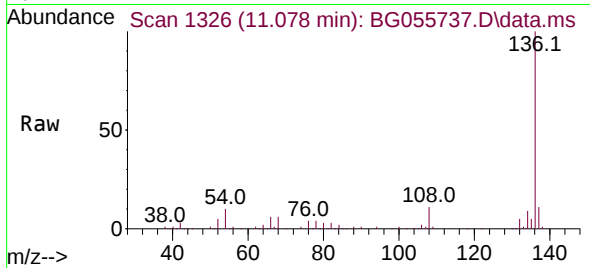
Tgt Ion:107 Resp: 165191
Ion Ratio Lower Upper
107 100
108 85.1 65.5 105.5
77 33.1 14.6 54.6
79 28.9 9.4 49.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.078 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

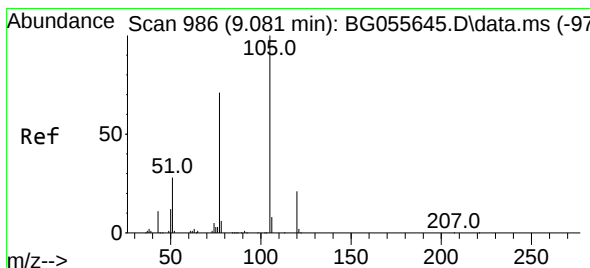
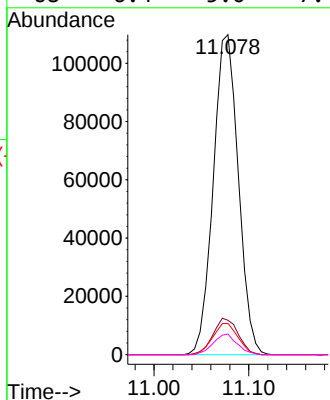
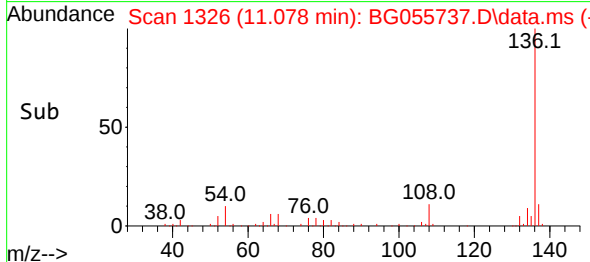
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



Tgt Ion:136 Resp: 201597
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 9.8 7.8 11.6
68 6.4 5.0 7.4

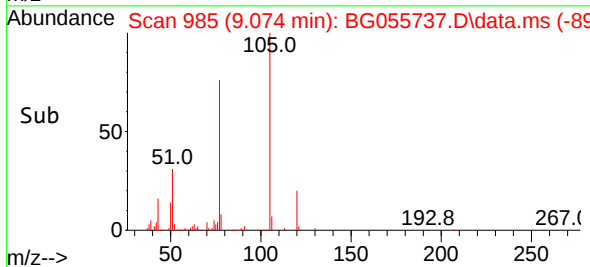
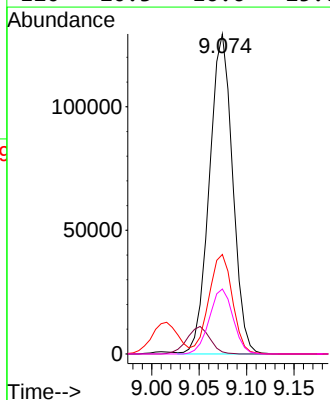
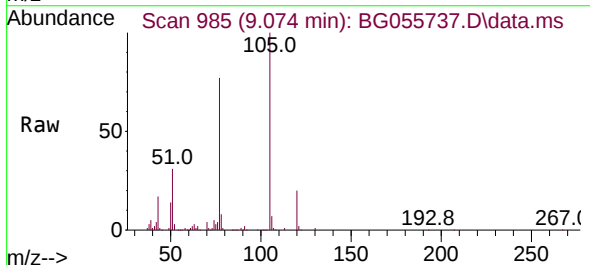
Manual Integrations
APPROVED

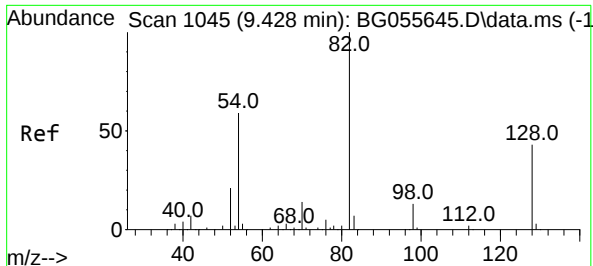
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#22
Acetophenone
Concen: 42.091 ng
RT: 9.074 min Scan# 985
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

Tgt Ion:105 Resp: 220493
Ion Ratio Lower Upper
105 100
71 0.6 0.6 1.0#
51 31.1 24.5 36.7
120 20.3 16.6 25.0





#23

Nitrobenzene-d5

Concen: 83.335 ng

RT: 9.421 min Scan# 1044

Delta R.T. 0.006 min

Lab File: BG055737.D

Acq: 22 Nov 2022 12:54

Instrument :

BNA_G

ClientSampleId :

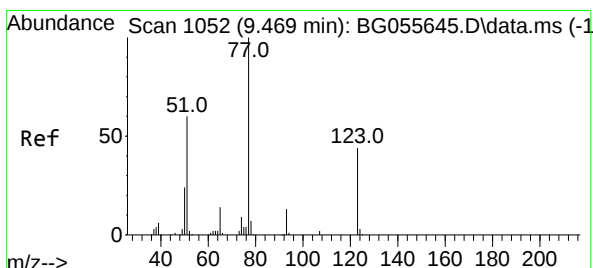
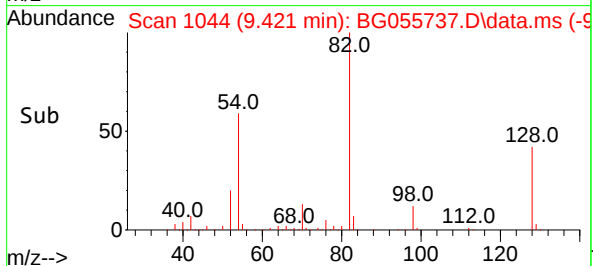
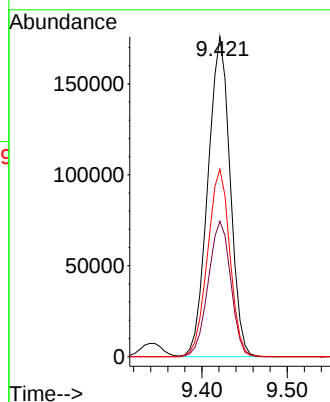
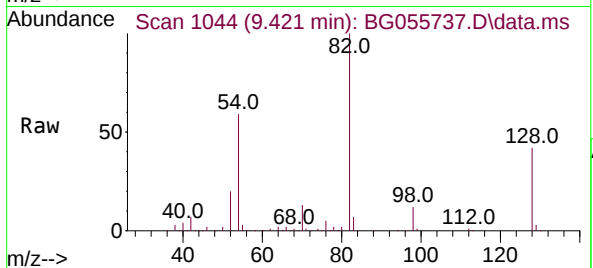
FRAC-TANK-0760533MS

Tgt Ion: 82 Resp: 317854
 Ion Ratio Lower Upper
 82 100
 128 42.3 34.1 51.1
 54 58.5 47.3 70.9

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 41.565 ng

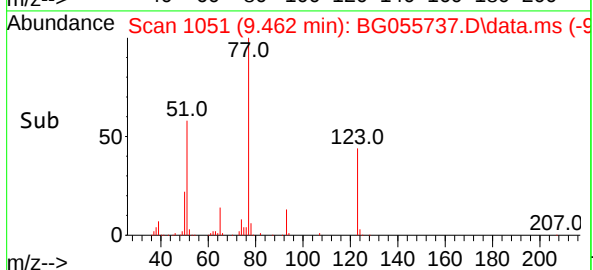
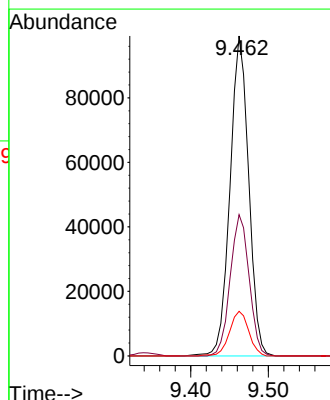
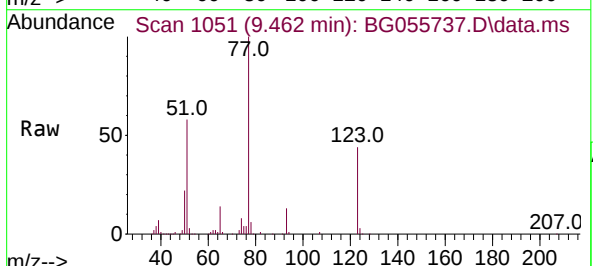
RT: 9.462 min Scan# 1051

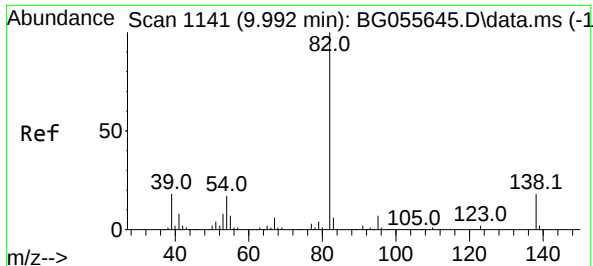
Delta R.T. 0.000 min

Lab File: BG055737.D

Acq: 22 Nov 2022 12:54

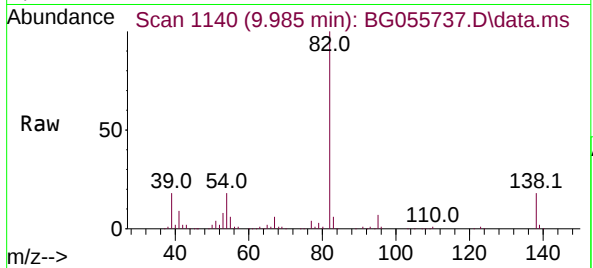
Tgt Ion: 77 Resp: 165596
 Ion Ratio Lower Upper
 77 100
 123 44.1 35.5 53.3
 65 13.9 11.5 17.3





#25
Isophorone
Concen: 43.207 ng
RT: 9.985 min Scan# 1140
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

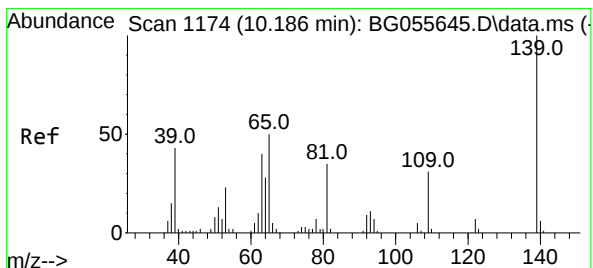
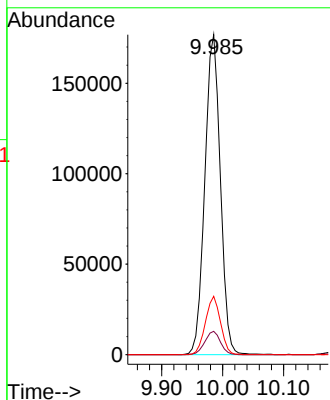
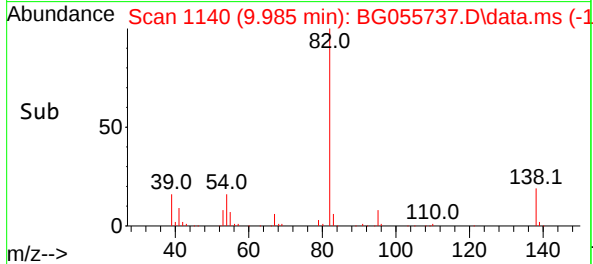
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



Tgt Ion: 82 Resp: 31224
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 18.2 14.2 21.4

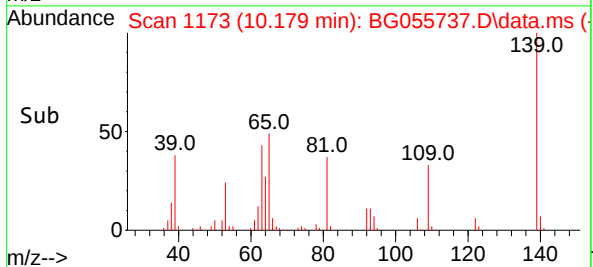
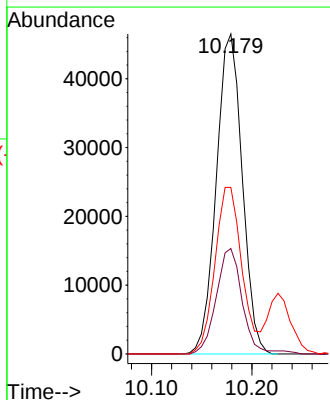
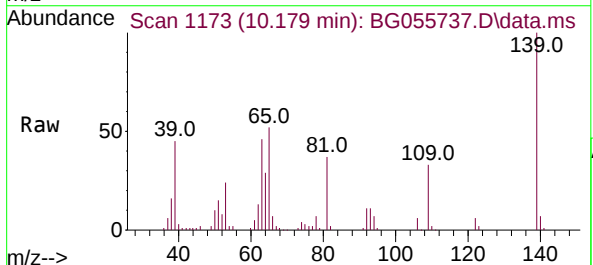
Manual Integrations
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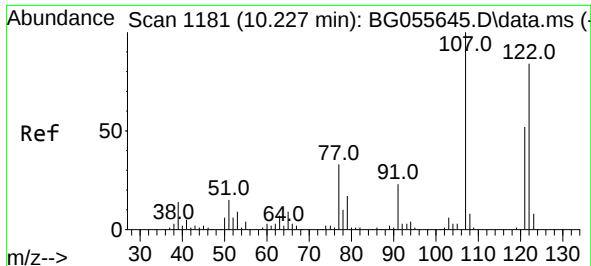
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#26
2-Nitrophenol
Concen: 45.395 ng
RT: 10.179 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

Tgt Ion:139 Resp: 83488
Ion Ratio Lower Upper
139 100
109 32.9 24.4 36.6
65 52.0 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 50.434 ng m

RT: 10.226 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BG055737.D

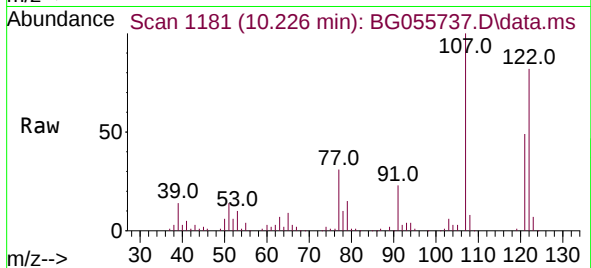
Acq: 22 Nov 2022 12:54

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-0760533MS

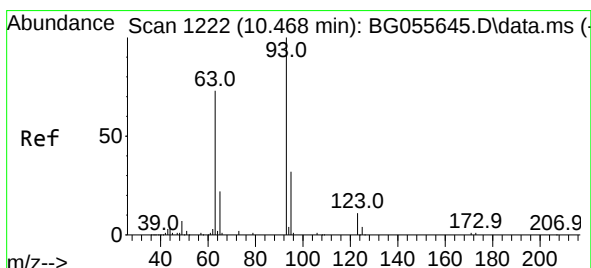
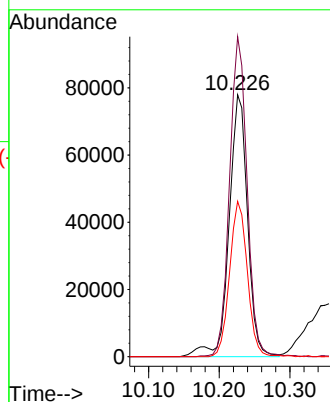
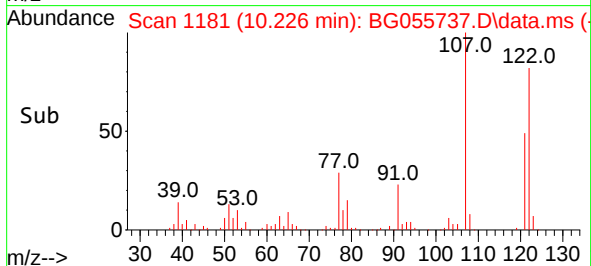


Tgt Ion:	122	Resp:	141170
Ion Ratio	Lower	Upper	
122	100		
107	122.2	95.8	143.6
121	59.3	49.6	74.4

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: 46.410 ng

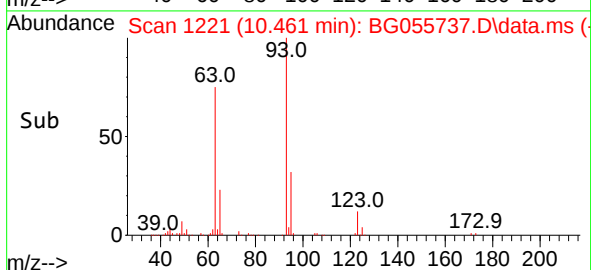
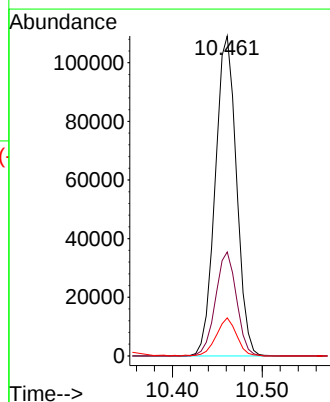
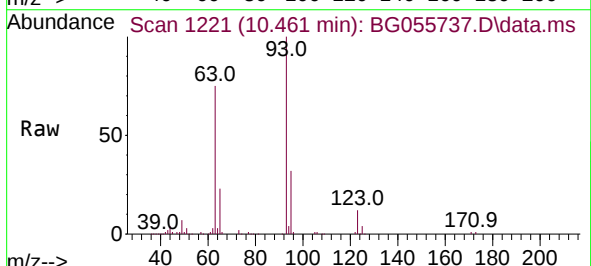
RT: 10.461 min Scan# 1221

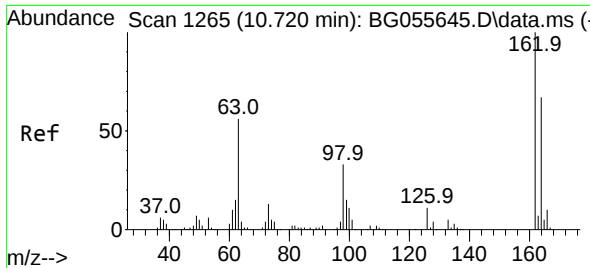
Delta R.T. 0.006 min

Lab File: BG055737.D

Acq: 22 Nov 2022 12:54

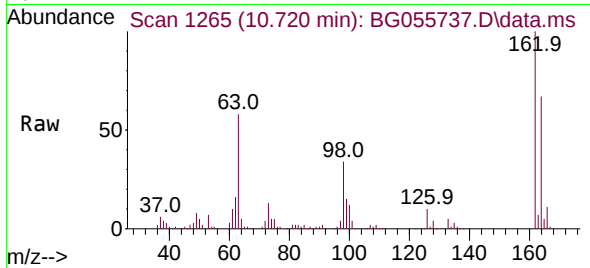
Tgt Ion:	93	Resp:	180056
Ion Ratio	Lower	Upper	
93	100		
95	32.5	25.7	38.5
123	11.9	8.9	13.3





#29
2,4-Dichlorophenol
Concen: 43.812 ng
RT: 10.720 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

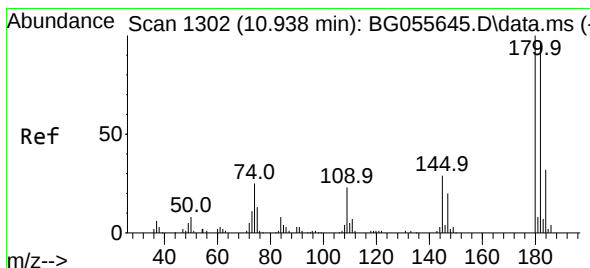
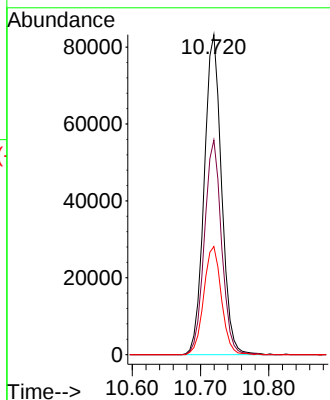
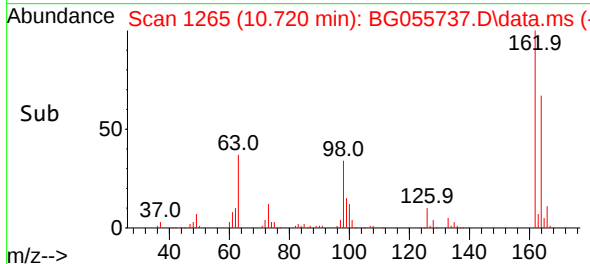
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



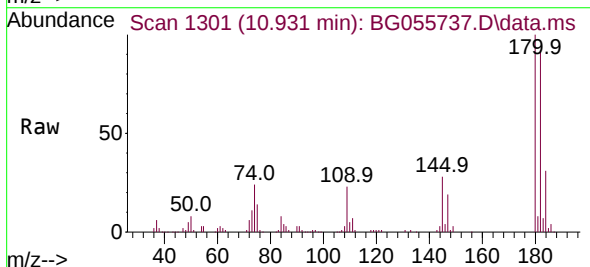
Tgt Ion:162 Resp: 146784
Ion Ratio Lower Upper
162 100
164 67.1 46.7 86.7
98 33.8 12.8 52.8

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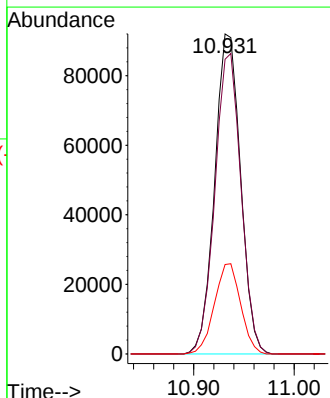
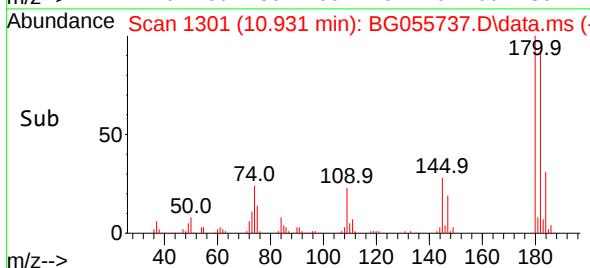
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

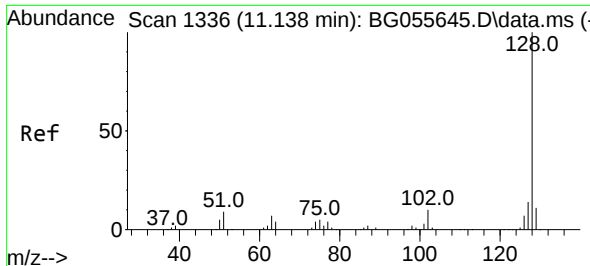


#30
1,2,4-Trichlorobenzene
Concen: 42.365 ng
RT: 10.931 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54



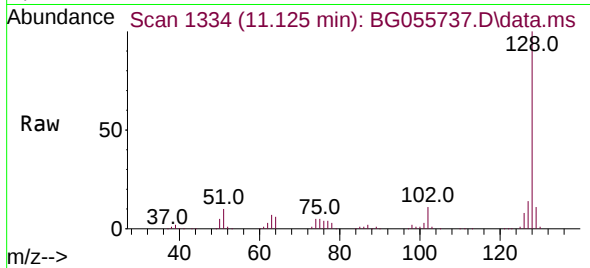
Tgt Ion:180 Resp: 164897
Ion Ratio Lower Upper
180 100
182 92.1 77.1 115.7
145 27.9 22.9 34.3





#31
Naphthalene
Concen: 41.549 ng
RT: 11.125 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

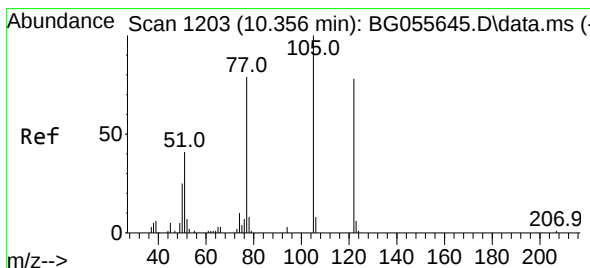
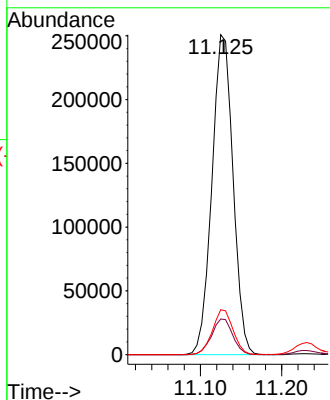
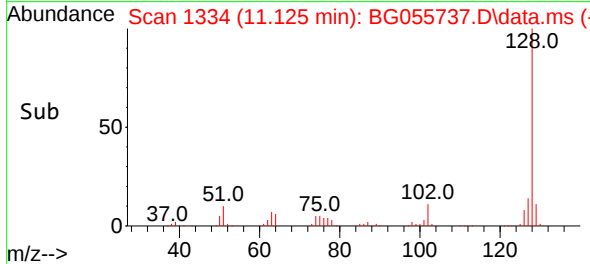
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



Tgt Ion:128 Resp: 452804
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 14.0 10.9 16.3

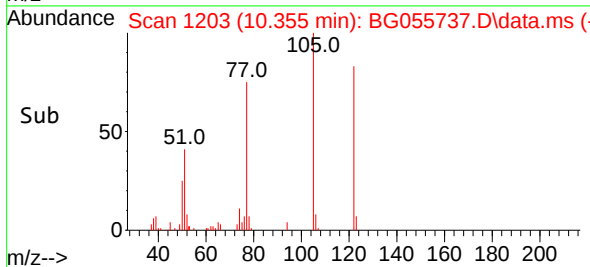
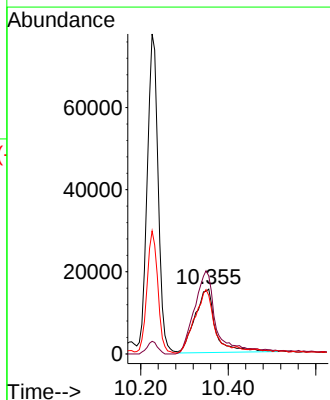
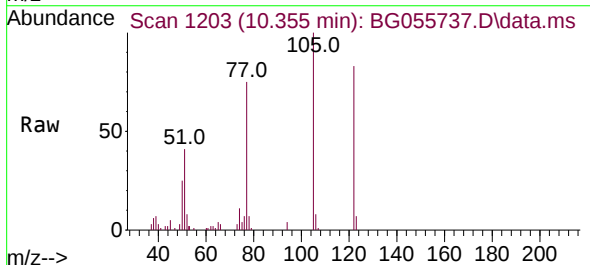
Manual Integrations
APPROVED

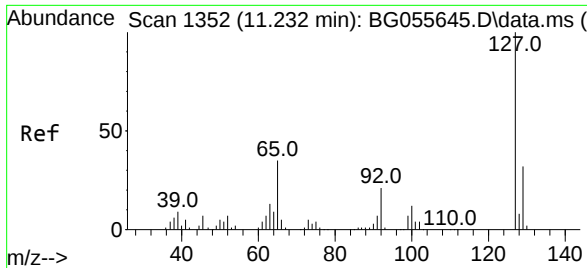
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#32
Benzoic acid
Concen: 22.098 ng
RT: 10.355 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

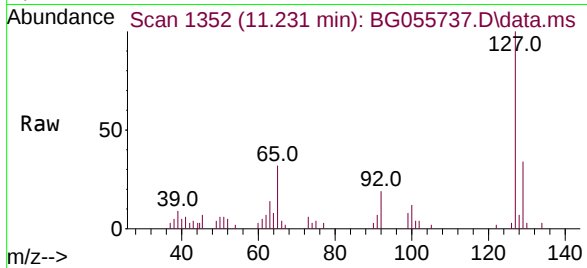
Tgt Ion:122 Resp: 50889
Ion Ratio Lower Upper
122 100
105 120.7 104.3 144.3
77 90.3 79.9 119.9





#33
4-Chloroaniline
Concen: 4.530 ng
RT: 11.231 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

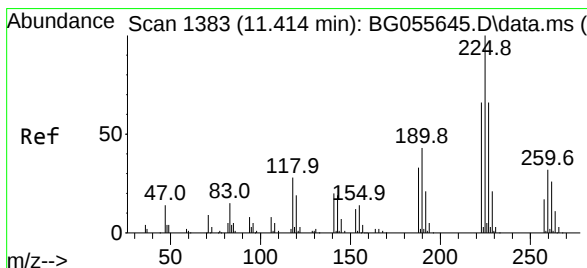
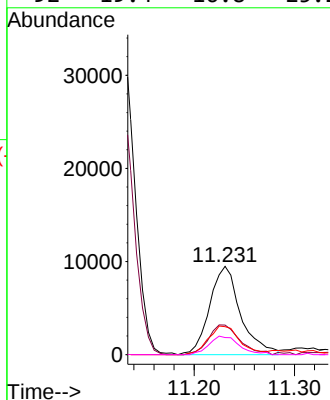
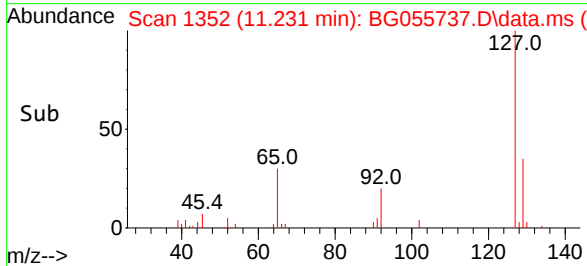
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



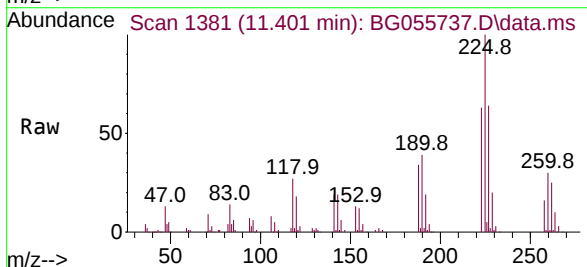
Tgt Ion:127 Resp: 20363
Ion Ratio Lower Upper
127 100
129 33.6 25.9 38.9
65 31.7 27.9 41.9
92 19.4 16.8 25.2

Manual Integrations
APPROVED

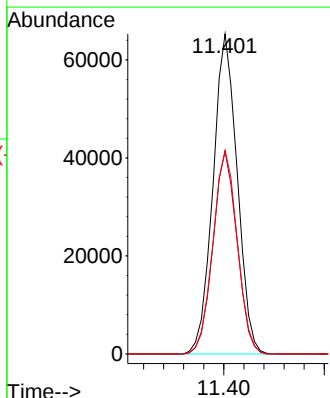
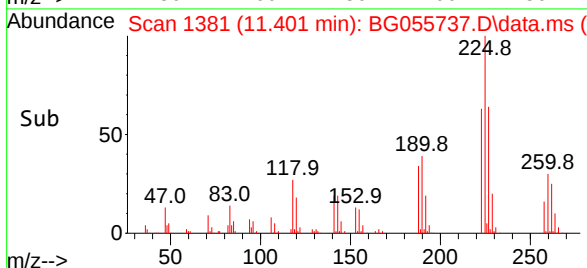
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

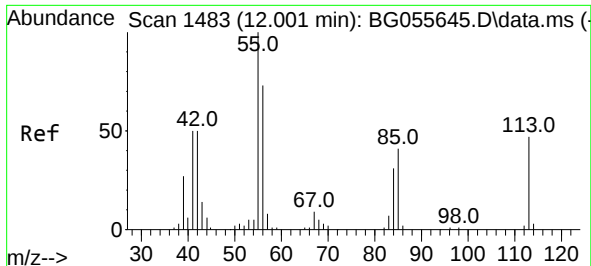


#34
Hexachlorobutadiene
Concen: 41.144 ng
RT: 11.401 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54



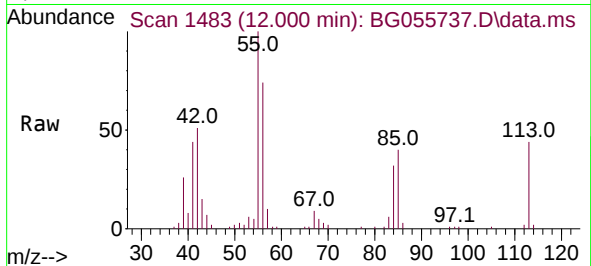
Tgt Ion:225 Resp: 109351
Ion Ratio Lower Upper
225 100
223 63.3 52.9 79.3
227 65.9 52.6 79.0





#35
 Caprolactam
 Concen: 32.688 ng m
 RT: 12.000 min Scan# 14
 Delta R.T. 0.006 min
 Lab File: BG055737.D
 Acq: 22 Nov 2022 12:54

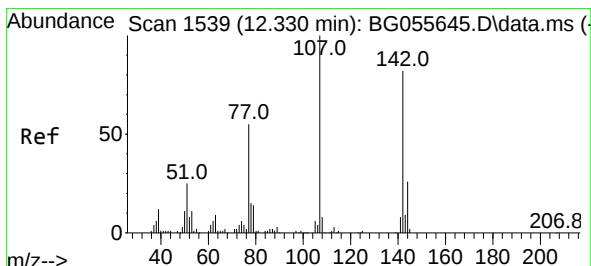
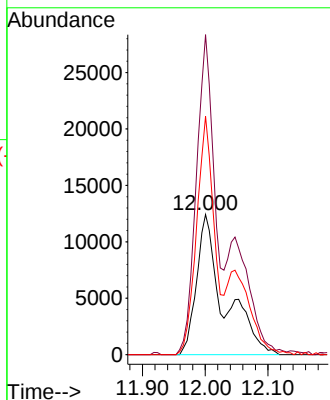
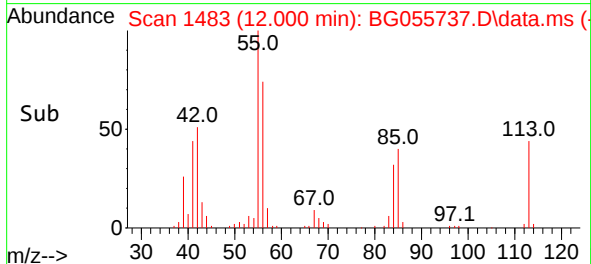
Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-0760533MS



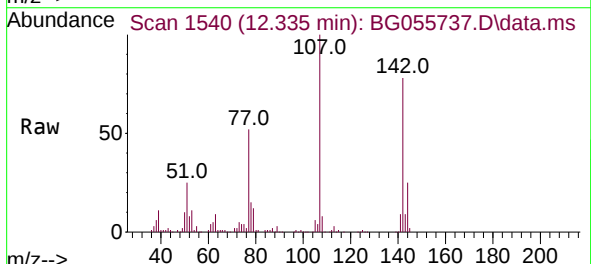
Tgt Ion:113 Resp: 37898
 Ion Ratio Lower Upper
 113 100
 55 228.3 193.5 233.5
 56 170.1 135.2 175.2

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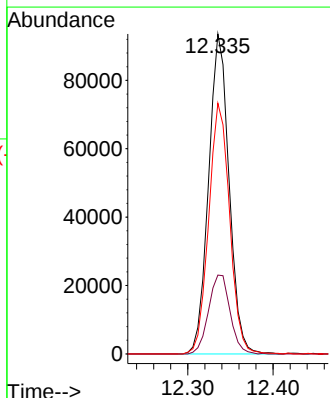
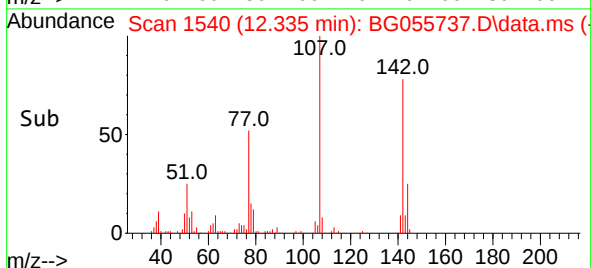
Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022

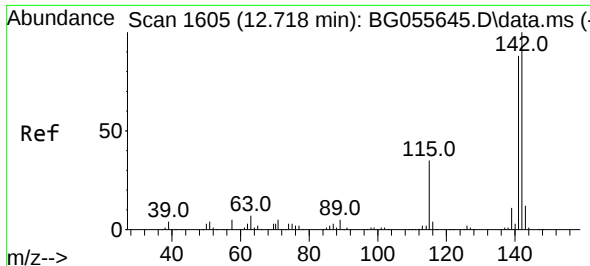


#36
 4-Chloro-3-methylphenol
 Concen: 42.350 ng
 RT: 12.335 min Scan# 1540
 Delta R.T. 0.006 min
 Lab File: BG055737.D
 Acq: 22 Nov 2022 12:54



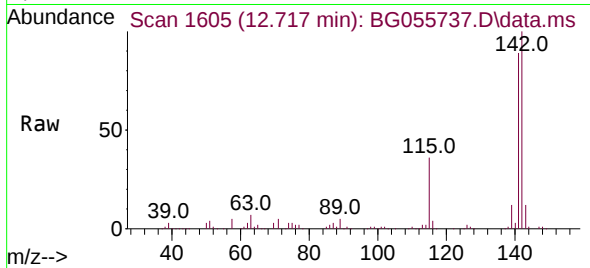
Tgt Ion:107 Resp: 155947
 Ion Ratio Lower Upper
 107 100
 144 24.6 21.0 31.4
 142 78.4 65.9 98.9





#37
2-Methylnaphthalene
Concen: 40.890 ng
RT: 12.717 min Scan# 1605
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

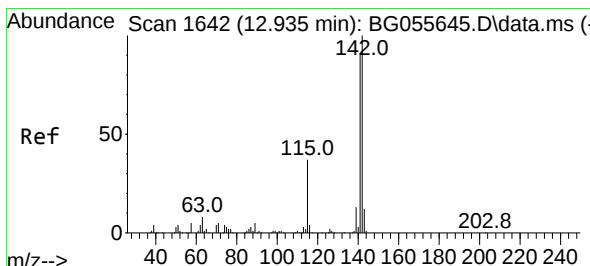
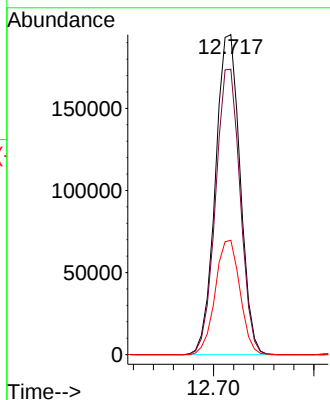
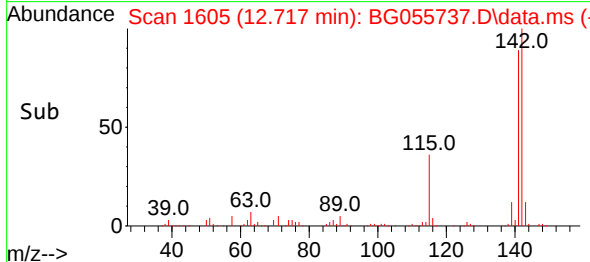
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



Tgt Ion:142 Resp: 333658
Ion Ratio Lower Upper
142 100
141 89.2 70.3 105.5
115 35.7 27.9 41.9

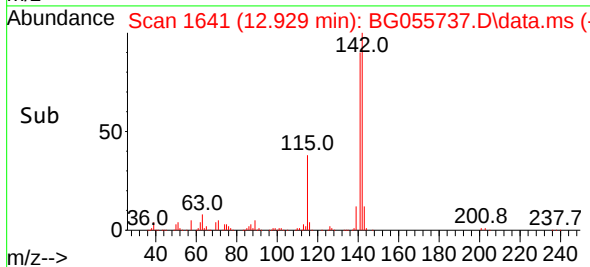
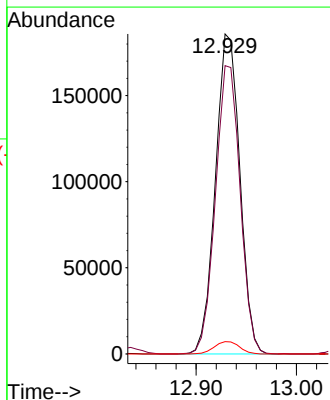
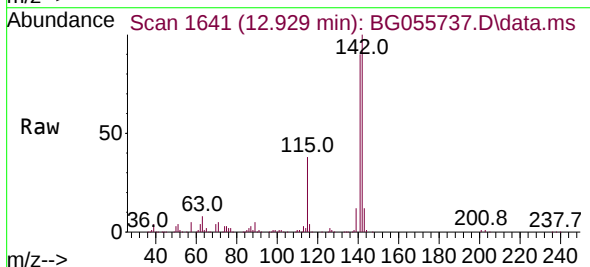
Manual Integrations
APPROVED

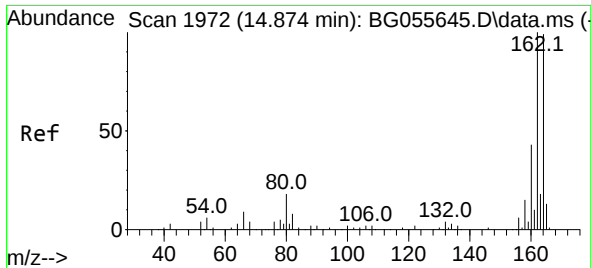
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#38
1-Methylnaphthalene
Concen: 39.760 ng
RT: 12.929 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

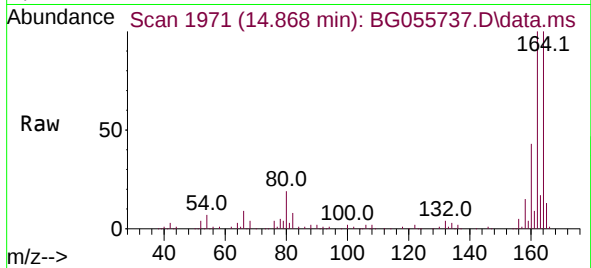
Tgt Ion:142 Resp: 314955
Ion Ratio Lower Upper
142 100
141 90.1 73.0 109.4
116 3.8 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.868 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

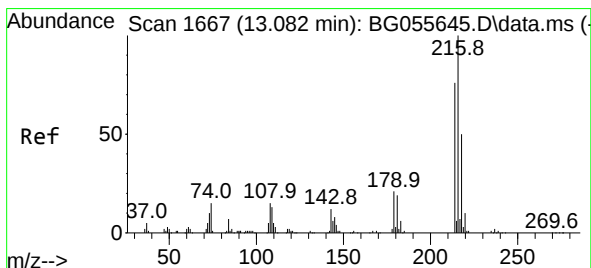
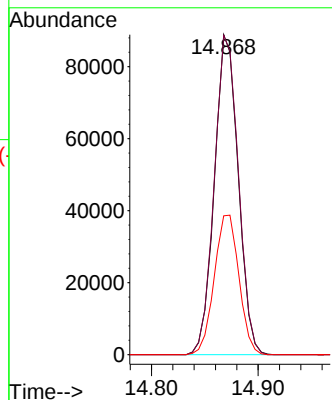
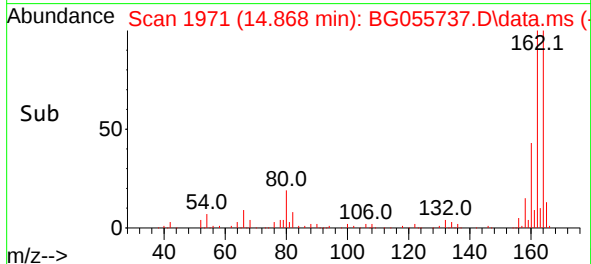
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



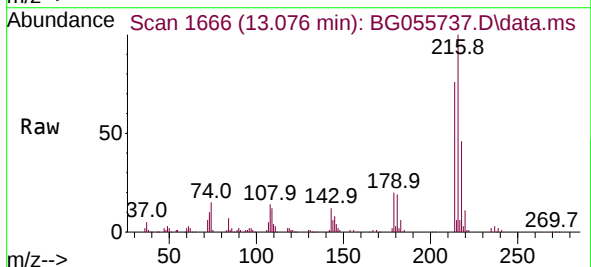
Tgt Ion:164 Resp: 137869
Ion Ratio Lower Upper
164 100
162 99.8 81.1 121.7
160 43.4 34.8 52.2

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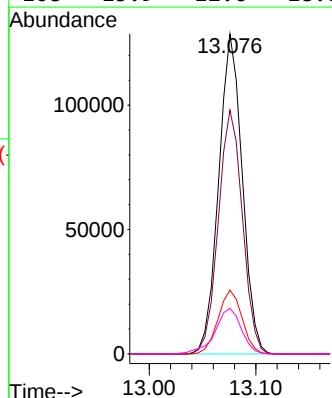
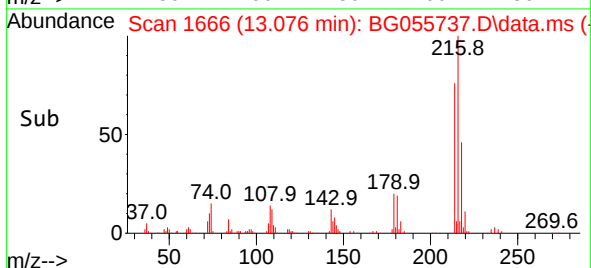
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

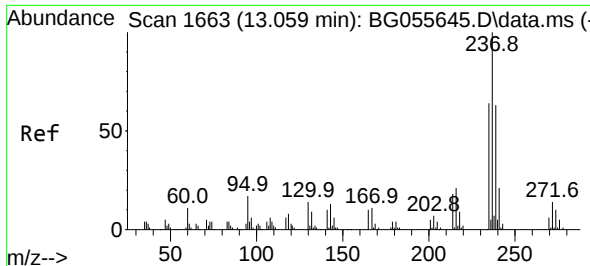


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.642 ng
RT: 13.076 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54



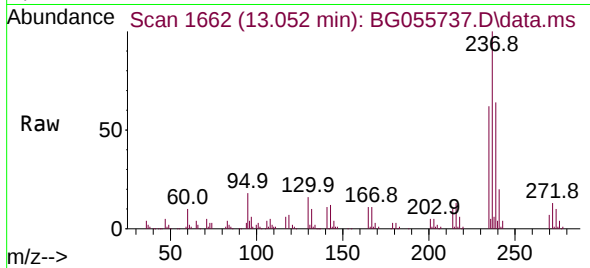
Tgt Ion:216 Resp: 197748
Ion Ratio Lower Upper
216 100
214 77.7 62.1 93.1
179 20.3 16.5 24.7
108 15.9 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 47.615 ng
RT: 13.052 min Scan# 1662
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

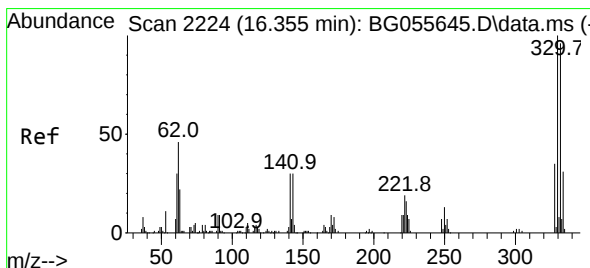
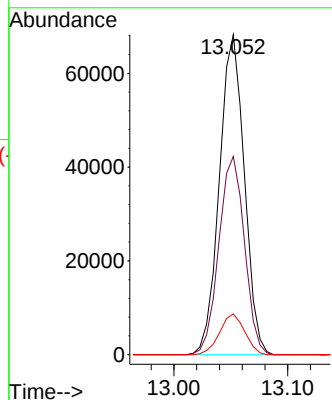
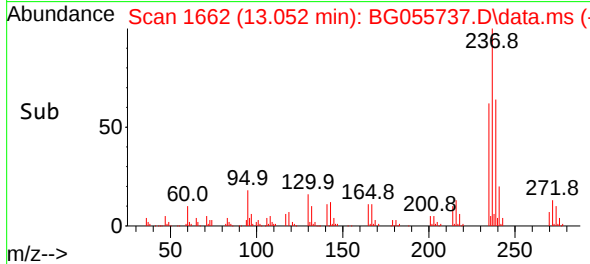
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



Tgt Ion:237 Resp: 103974
Ion Ratio Lower Upper
237 100
235 61.9 43.7 83.7
272 12.7 0.0 33.6

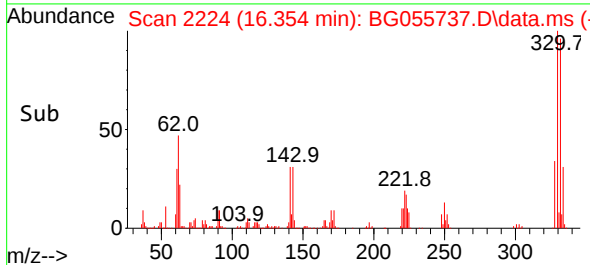
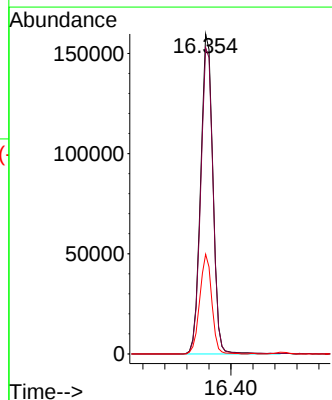
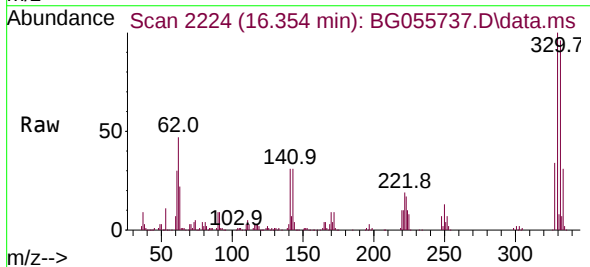
Manual Integrations
APPROVED

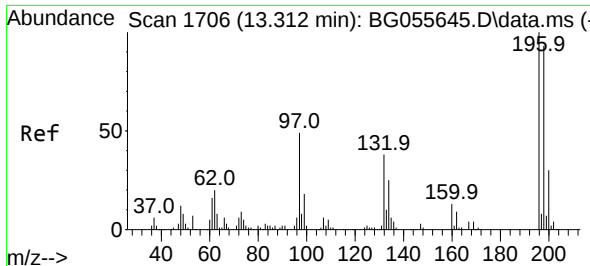
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#42
2,4,6-Tribromophenol
Concen: 126.448 ng
RT: 16.354 min Scan# 2224
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

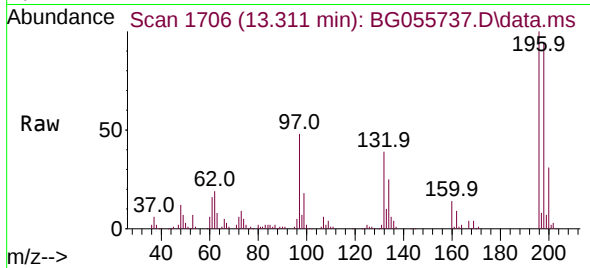
Tgt Ion:330 Resp: 245482
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 30.5 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 44.346 ng
RT: 13.311 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

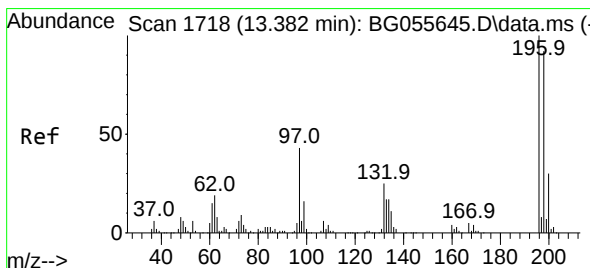
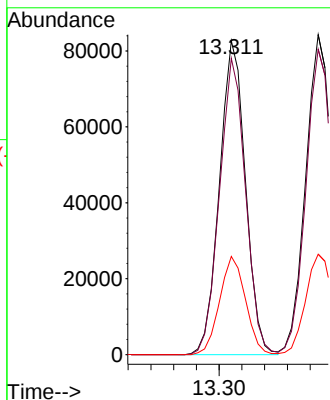
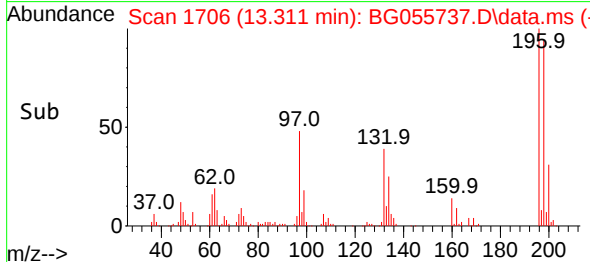
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



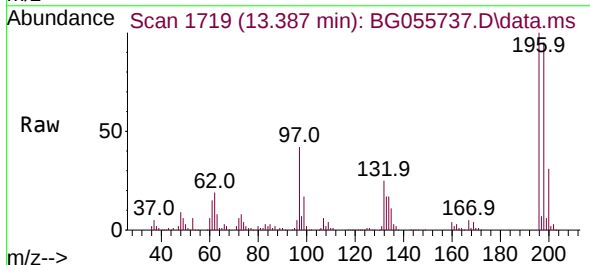
Tgt Ion:196 Resp: 131062
Ion Ratio Lower Upper
196 100
198 94.4 74.6 112.0
200 31.3 23.7 35.5

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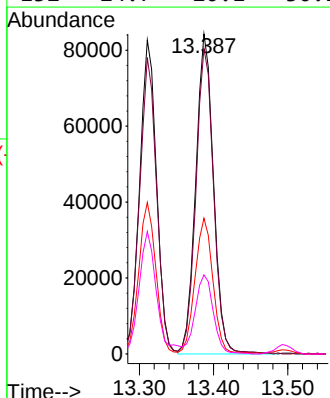
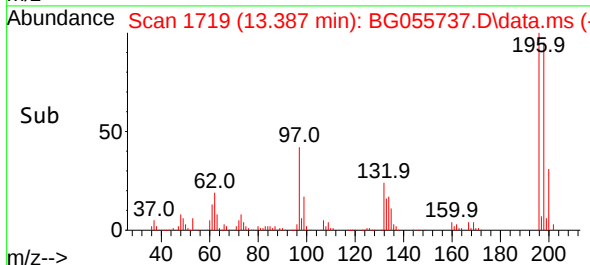
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

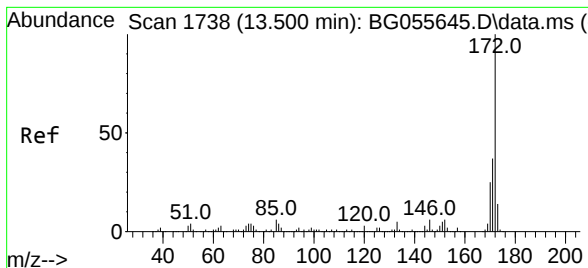


#44
2,4,5-Trichlorophenol
Concen: 43.175 ng
RT: 13.387 min Scan# 1719
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54



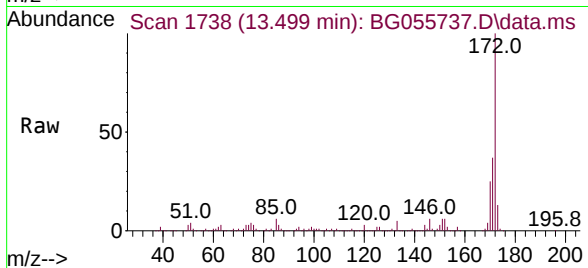
Tgt Ion:196 Resp: 140224
Ion Ratio Lower Upper
196 100
198 95.4 74.1 111.1
97 42.4 34.8 52.2
132 24.7 20.1 30.1





#45
2-Fluorobiphenyl
Concen: 83.533 ng
RT: 13.499 min Scan# 1738
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

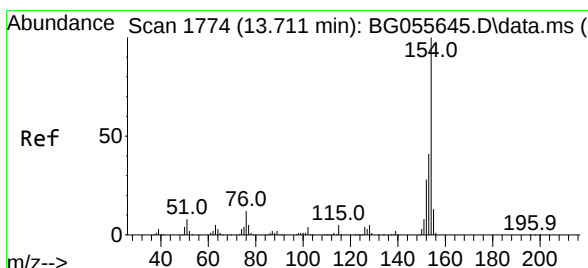
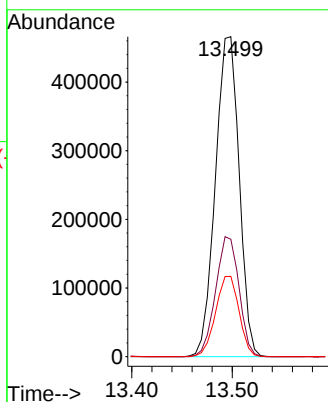
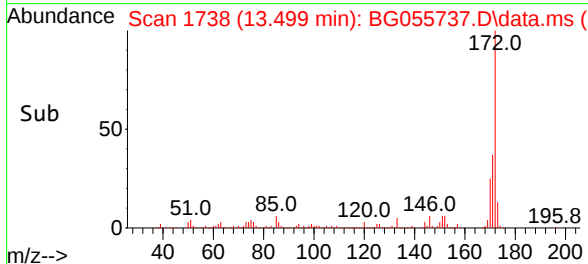
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



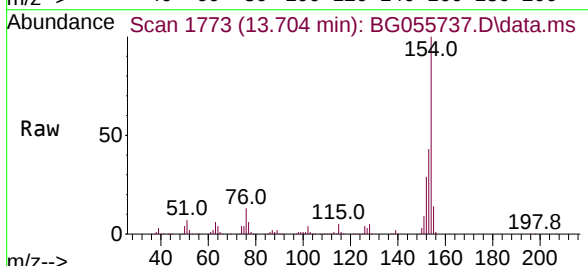
Tgt Ion:172 Resp: 768734
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 25.1 20.2 30.4

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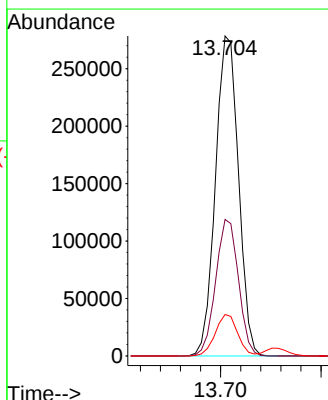
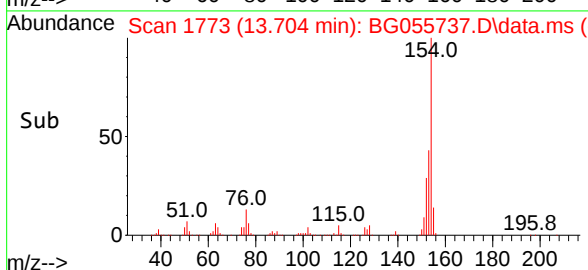
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

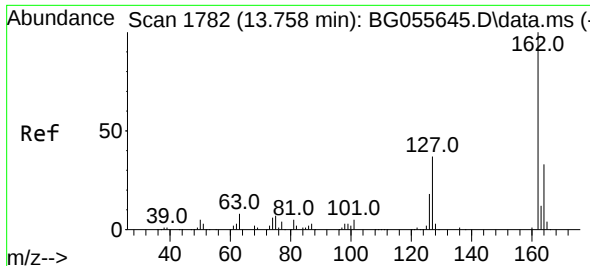


#46
1,1'-Biphenyl
Concen: 44.225 ng
RT: 13.704 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54



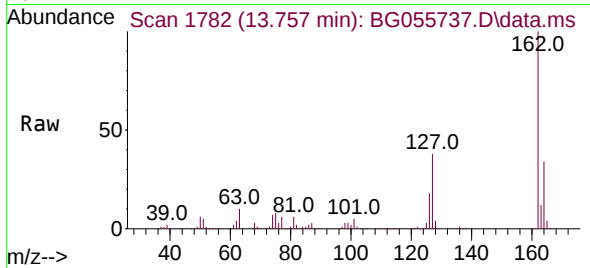
Tgt Ion:154 Resp: 444313
Ion Ratio Lower Upper
154 100
153 42.6 20.6 60.6
76 12.9 0.0 32.4





#47
2-Chloronaphthalene
Concen: 43.890 ng
RT: 13.757 min Scan# 1782
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

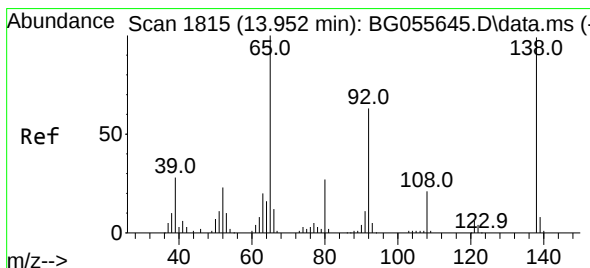
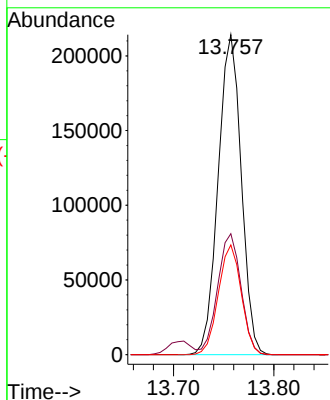
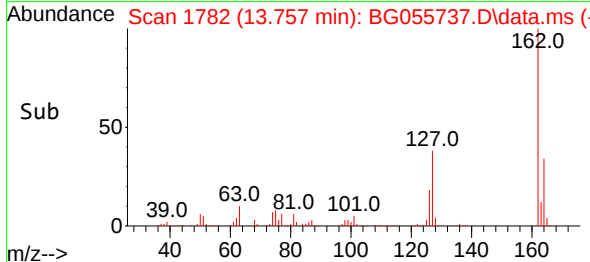
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



Tgt Ion:162 Resp: 342739
Ion Ratio Lower Upper
162 100
127 37.8 29.9 44.9
164 34.3 26.4 39.6

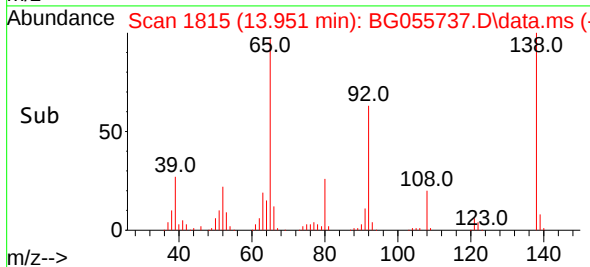
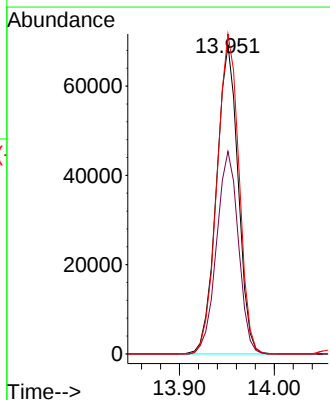
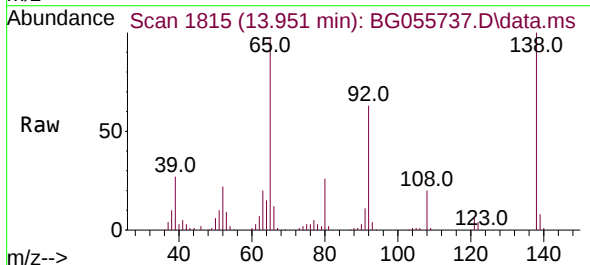
Manual Integrations
APPROVED

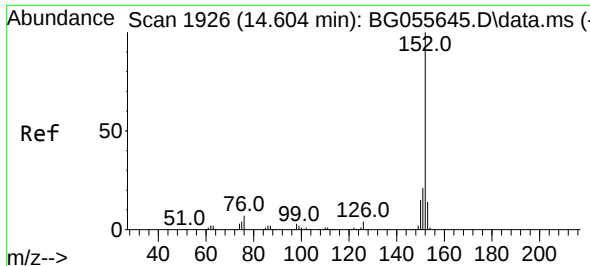
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#48
2-Nitroaniline
Concen: 42.802 ng
RT: 13.951 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

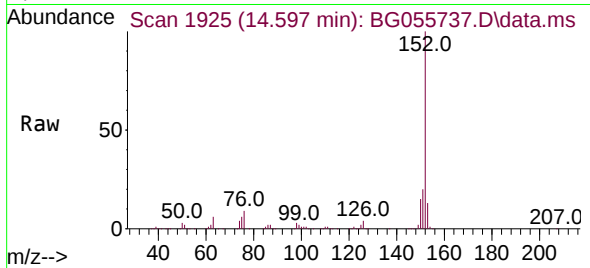
Tgt Ion: 65 Resp: 109889
Ion Ratio Lower Upper
65 100
92 65.5 50.1 75.1
138 103.6 79.4 119.0





#49
Acenaphthylene
Concen: 42.845 ng
RT: 14.597 min Scan# 1926
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

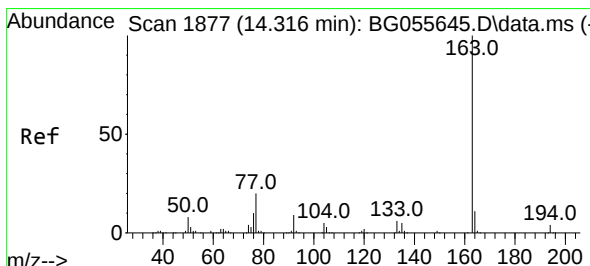
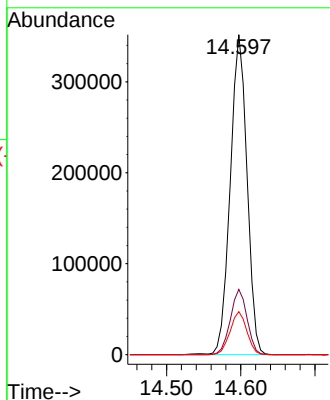
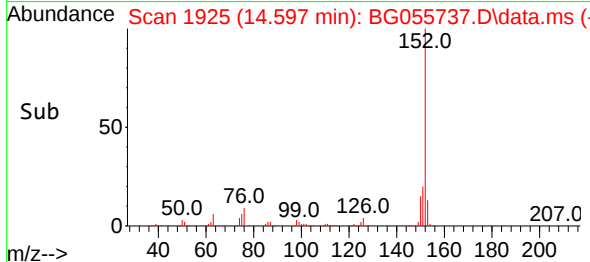
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



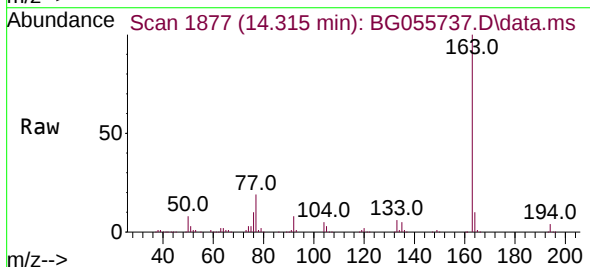
Tgt Ion:152 Resp: 550947
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.4 11.0 16.4

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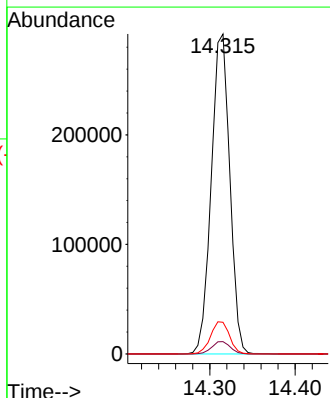
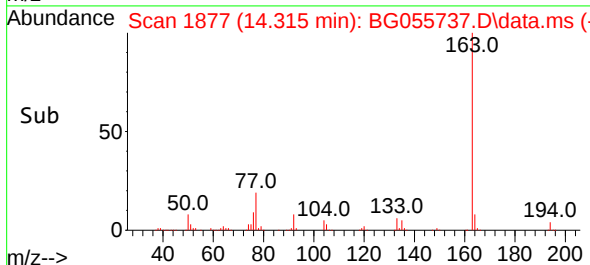
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

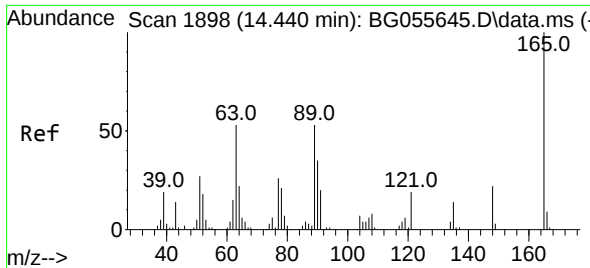


#50
Dimethylphthalate
Concen: 40.062 ng
RT: 14.315 min Scan# 1877
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54



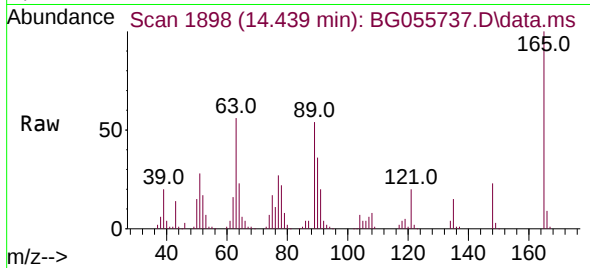
Tgt Ion:163 Resp: 440295
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.9 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 42.178 ng
RT: 14.439 min Scan# 1898
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

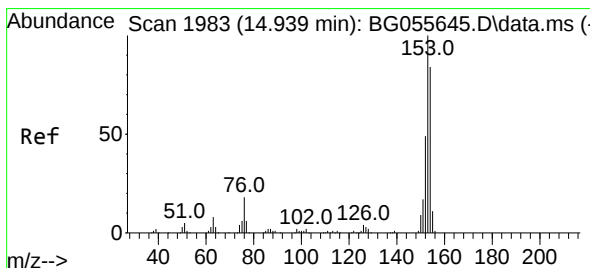
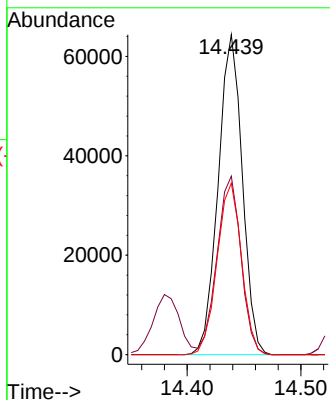
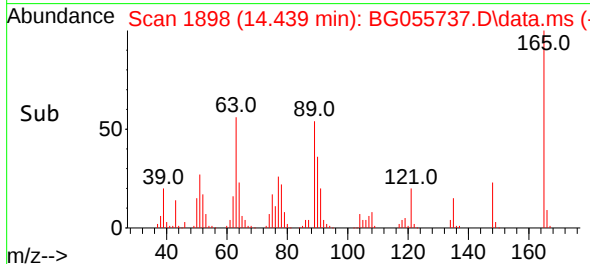
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



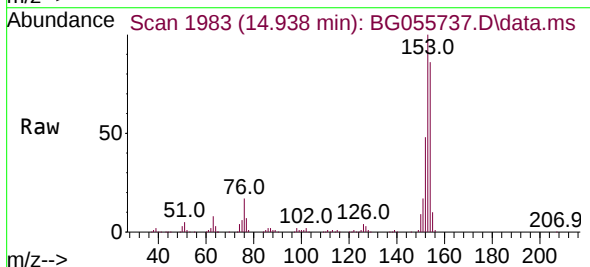
Tgt Ion:165 Resp: 94781
Ion Ratio Lower Upper
165 100
63 55.8 44.6 66.8
89 53.6 42.2 63.4

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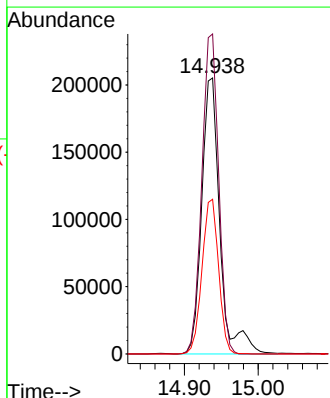
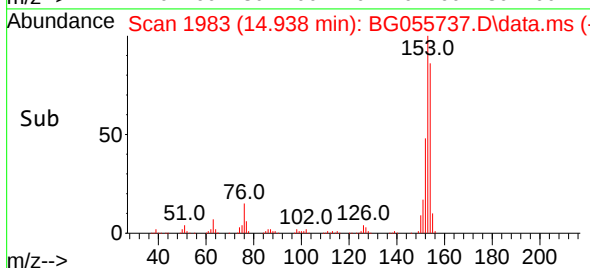
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

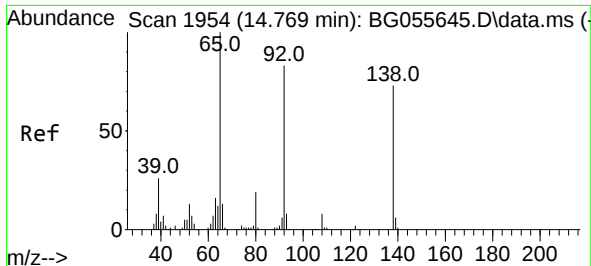


#52
Acenaphthene
Concen: 41.864 ng m
RT: 14.938 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54



Tgt Ion:154 Resp: 351842
Ion Ratio Lower Upper
154 100
153 116.0 95.0 142.4
152 56.0 46.1 69.1





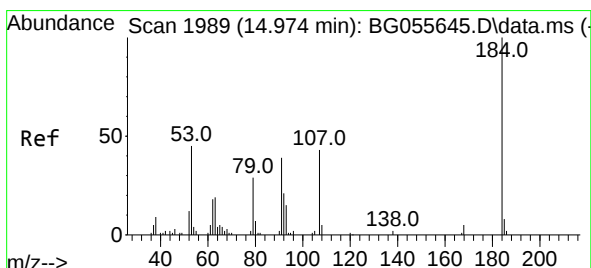
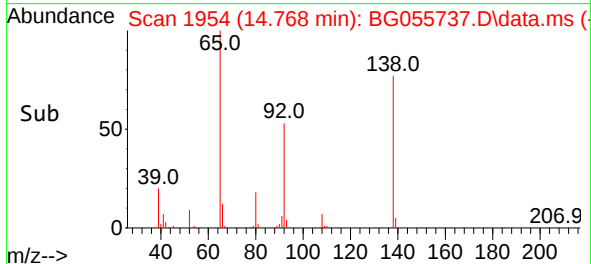
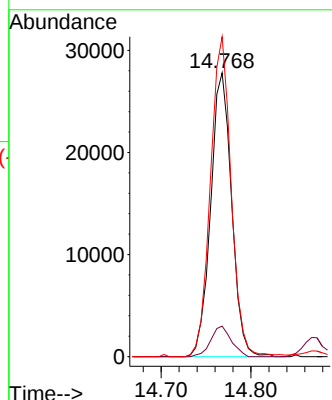
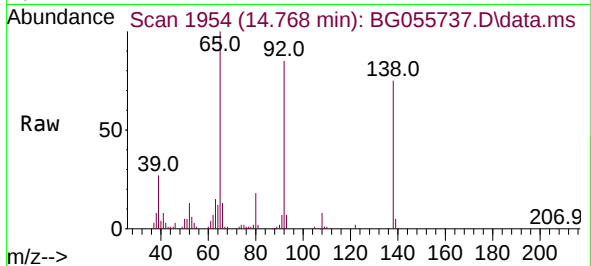
#53
3-Nitroaniline
Concen: 18.230 ng
RT: 14.768 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS

Tgt Ion:138 Resp: 44972
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 112.7 91.0 136.6

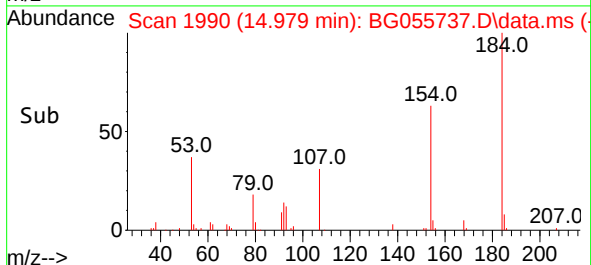
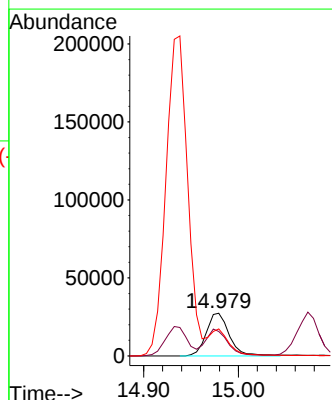
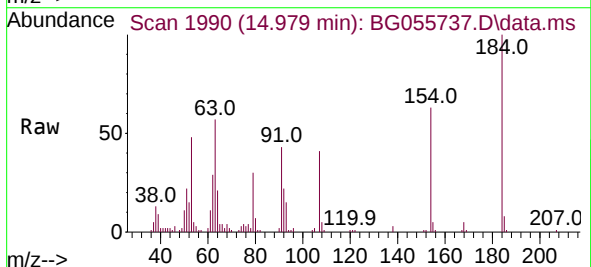
Manual Integrations
APPROVED

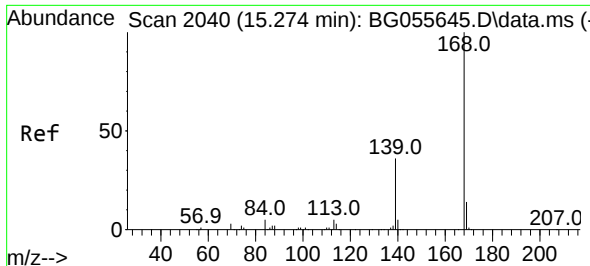
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#54
2,4-Dinitrophenol
Concen: 35.600 ng
RT: 14.979 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

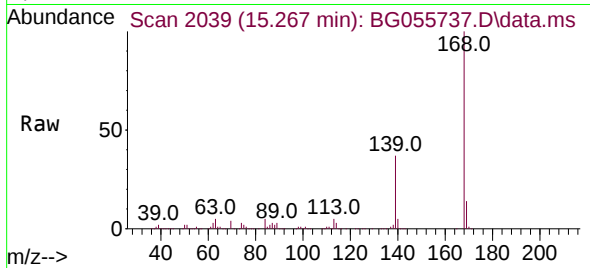
Tgt Ion:184 Resp: 45997
Ion Ratio Lower Upper
184 100
63 57.3 49.5 74.3
154 63.2 52.0 78.0





#55
Dibenzofuran
Concen: 41.041 ng
RT: 15.267 min Scan# 2040
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

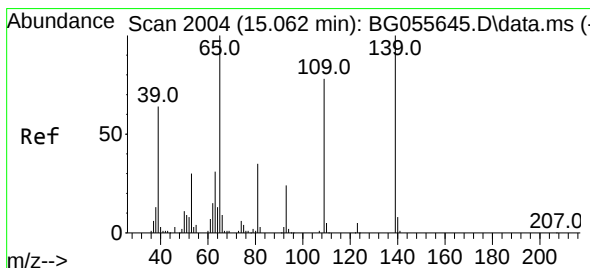
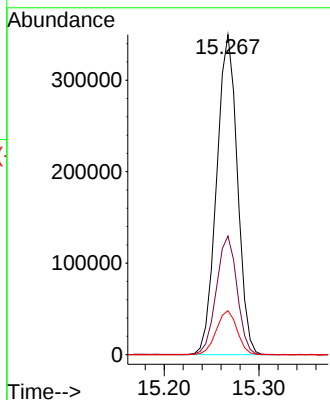
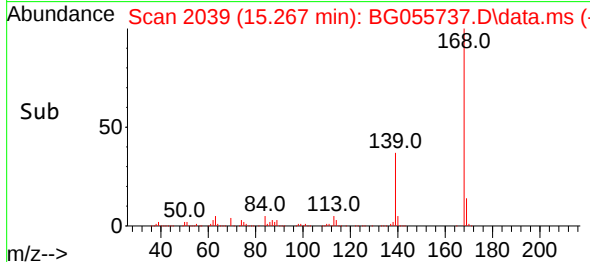
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



Tgt Ion:168 Resp: 532104
Ion Ratio Lower Upper
168 100
139 37.0 28.8 43.2
169 13.7 11.0 16.4

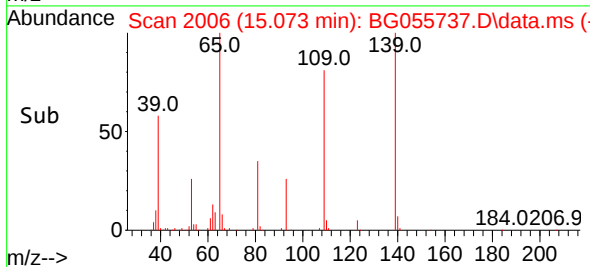
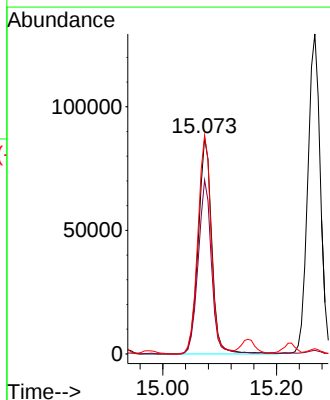
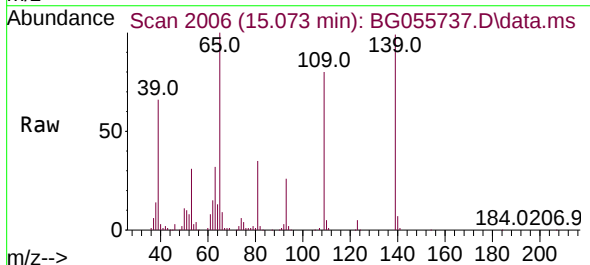
Manual Integrations
APPROVED

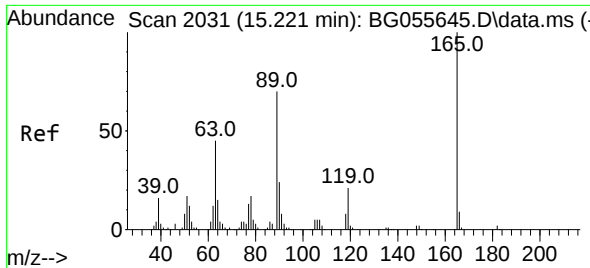
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#56
4-Nitrophenol
Concen: 73.725 ng
RT: 15.073 min Scan# 2006
Delta R.T. 0.012 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

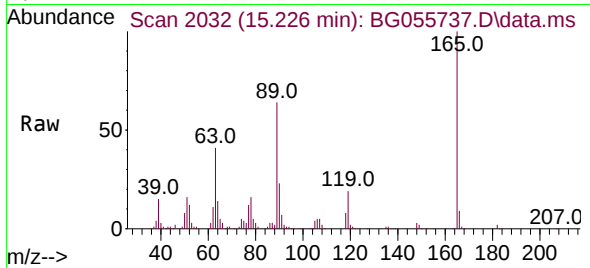
Tgt Ion:139 Resp: 142740
Ion Ratio Lower Upper
139 100
109 80.5 58.6 98.6
65 101.3 80.5 120.5





#57
2,4-Dinitrotoluene
Concen: 42.222 ng
RT: 15.226 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

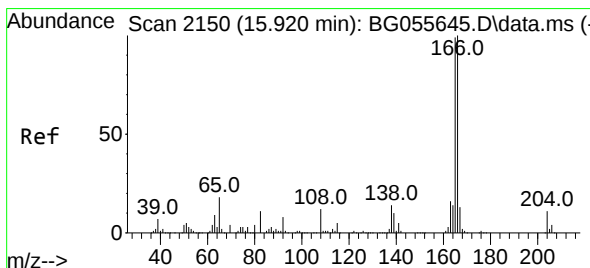
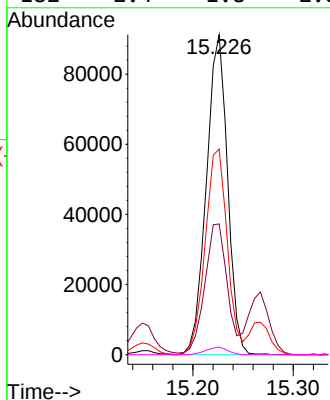
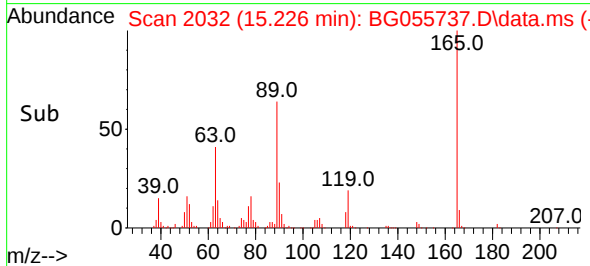
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



Tgt Ion:165 Resp: 133773
Ion Ratio Lower Upper
165 100
63 40.8 35.8 53.8
89 64.2 56.2 84.4
182 2.4 1.8 2.8

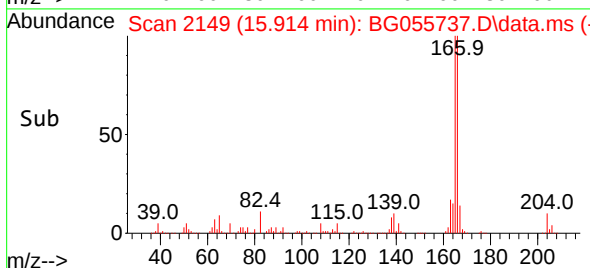
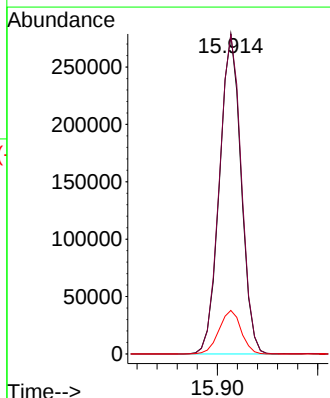
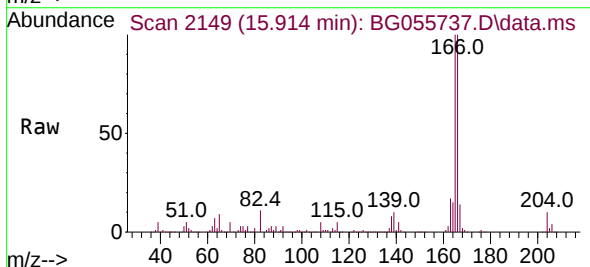
Manual Integrations
APPROVED

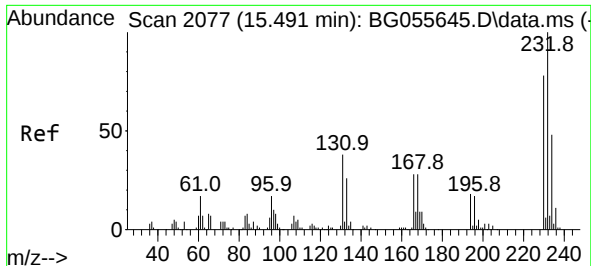
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#58
Fluorene
Concen: 40.101 ng
RT: 15.914 min Scan# 2149
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

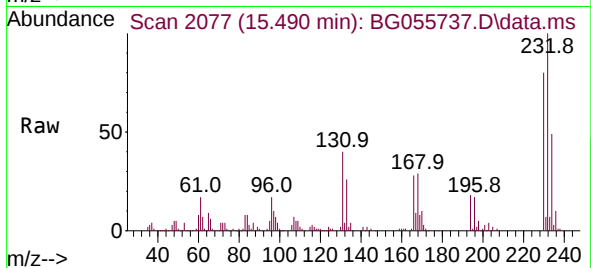
Tgt Ion:166 Resp: 415254
Ion Ratio Lower Upper
166 100
165 99.7 79.3 118.9
167 13.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.316 ng
RT: 15.490 min Scan# 2077
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

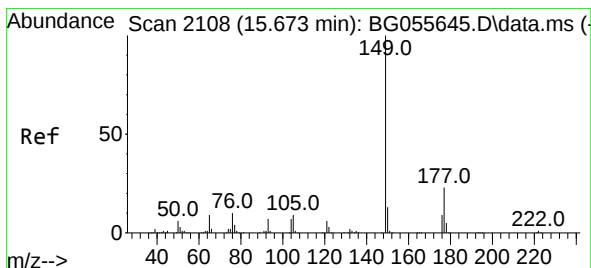
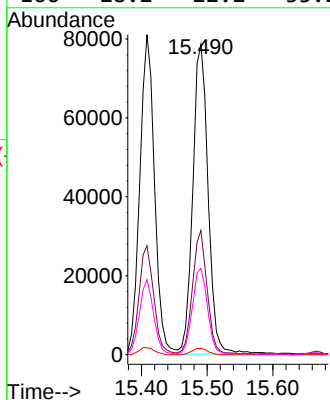
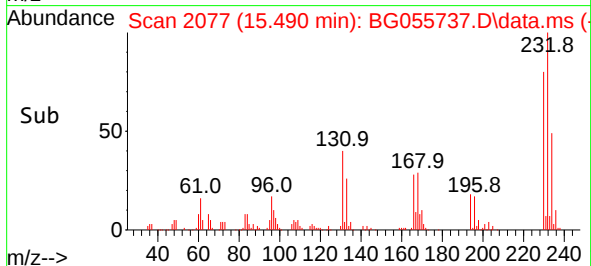
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



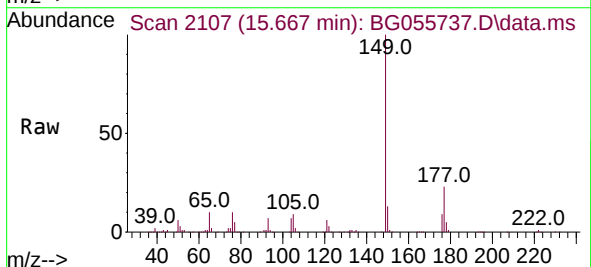
Tgt Ion:232 Resp: 126874
Ion Ratio Lower Upper
232 100
131 38.7 29.8 44.8
130 2.0 1.7 2.5
166 28.2 22.2 33.2

Manual Integrations
APPROVED

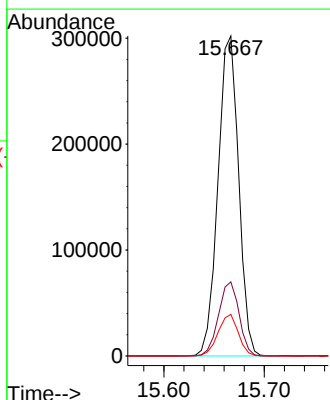
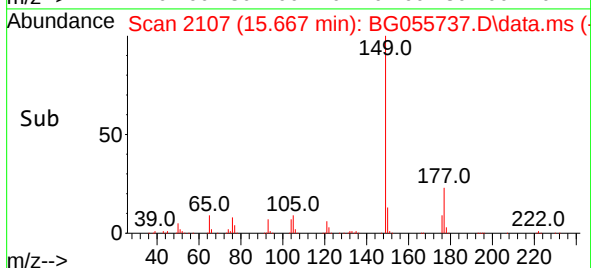
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

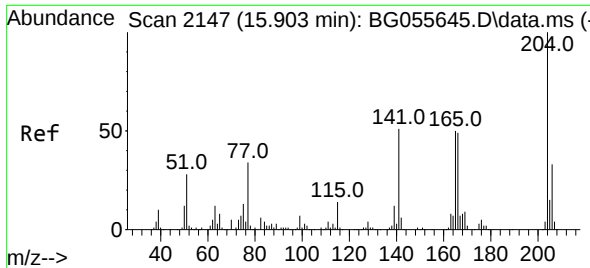


#60
Diethylphthalate
Concen: 38.920 ng
RT: 15.667 min Scan# 2107
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54



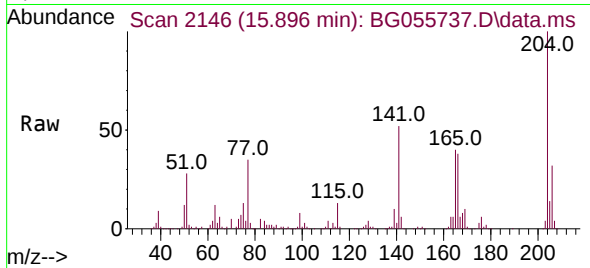
Tgt Ion:149 Resp: 432458
Ion Ratio Lower Upper
149 100
177 23.1 18.3 27.5
150 13.0 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 41.005 ng
RT: 15.896 min Scan# 2147
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

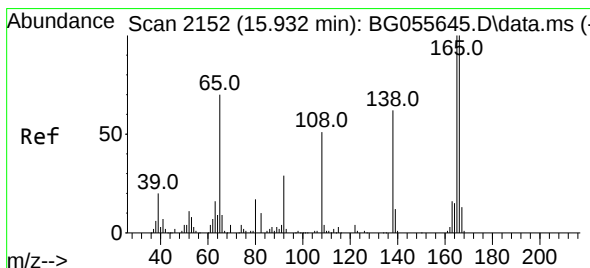
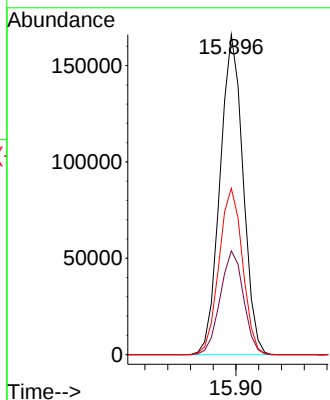
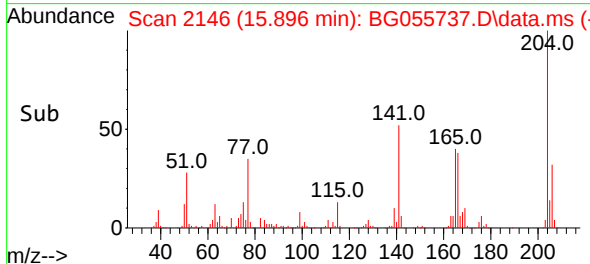
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



Tgt Ion:204 Resp: 233409
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 52.0 40.6 61.0

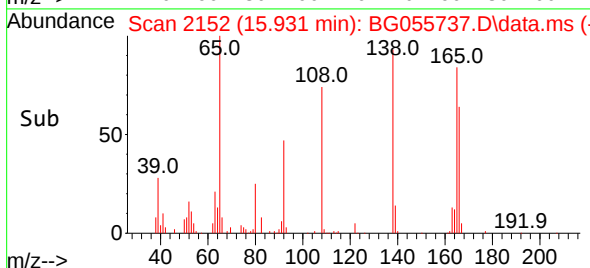
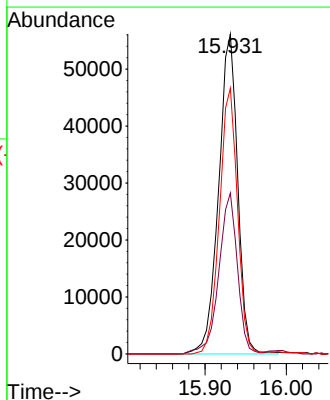
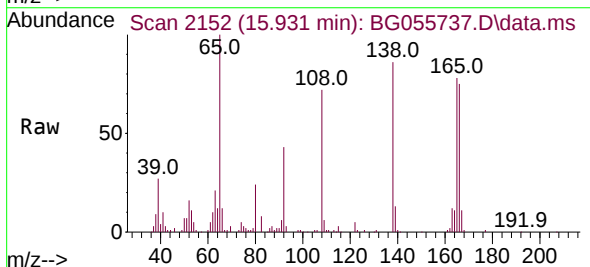
Manual Integrations
APPROVED

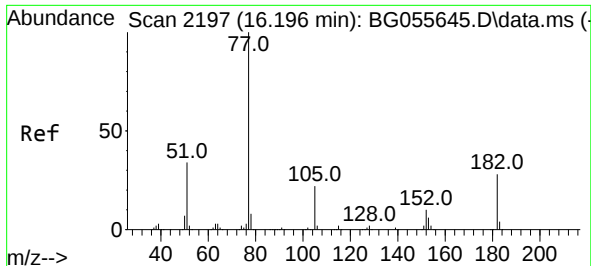
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#62
4-Nitroaniline
Concen: 35.367 ng
RT: 15.931 min Scan# 2152
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

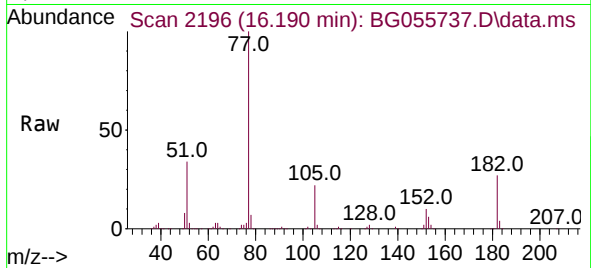
Tgt Ion:138 Resp: 91200
Ion Ratio Lower Upper
138 100
92 50.3 27.3 67.3
108 83.0 62.8 102.8





#63
Azobenzene
Concen: 40.336 ng
RT: 16.190 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

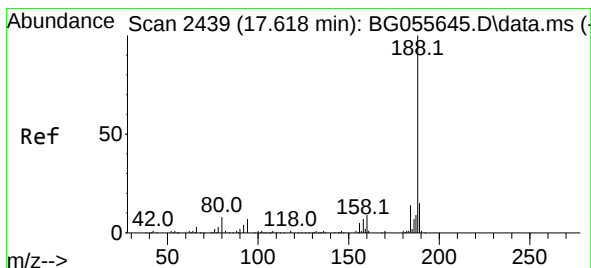
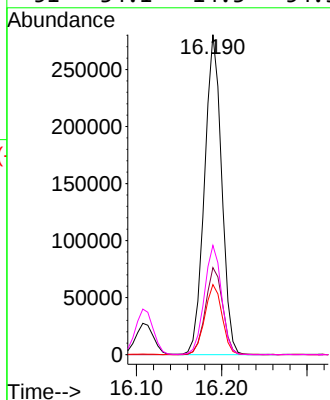
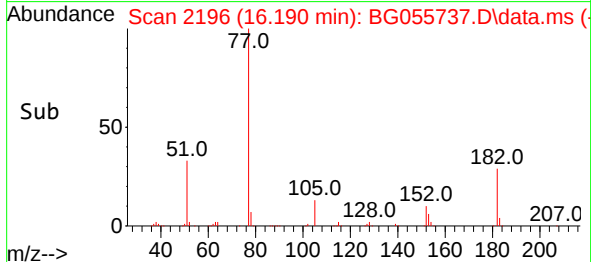
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



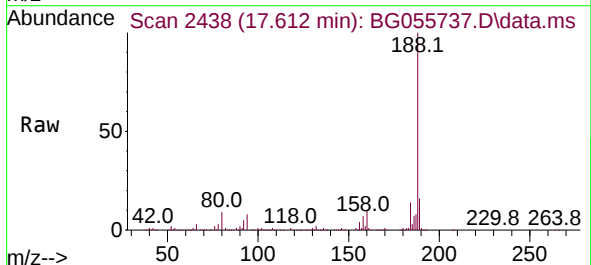
Tgt Ion: 77 Resp: 391292
Ion Ratio Lower Upper
77 100
182 27.2 8.1 48.1
105 21.9 1.8 41.8
51 34.1 14.3 54.3

Manual Integrations
APPROVED

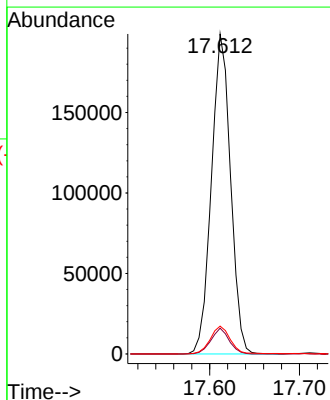
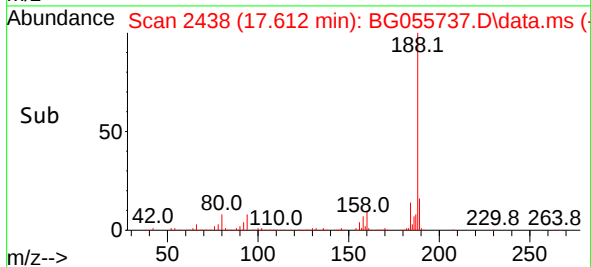
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

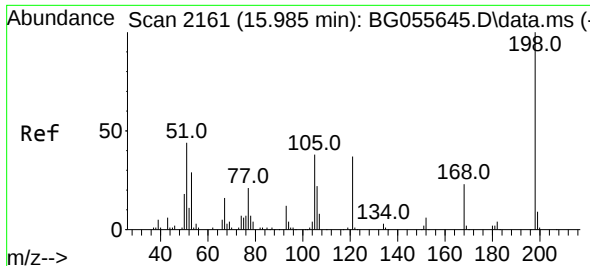


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.612 min Scan# 2438
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54



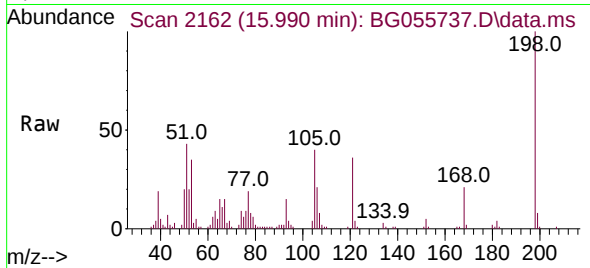
Tgt Ion:188 Resp: 294919
Ion Ratio Lower Upper
188 100
94 8.0 5.4 8.2
80 8.7 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 24.333 ng
RT: 15.990 min Scan# 2161
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

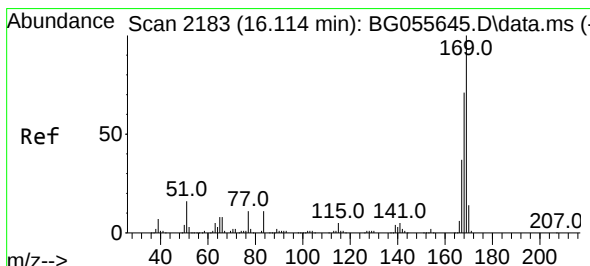
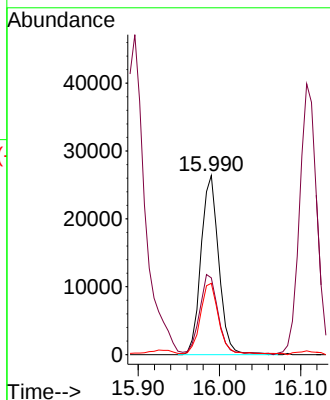
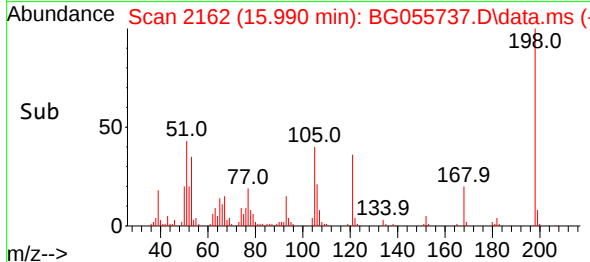
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



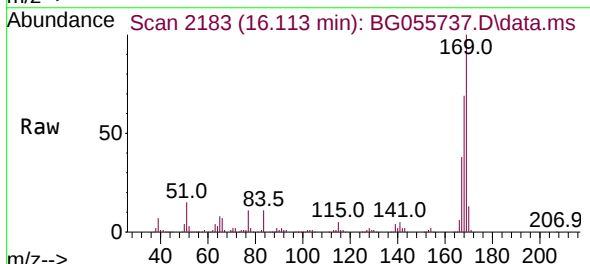
Tgt Ion:198 Resp: 40071
Ion Ratio Lower Upper
198 100
51 42.8 27.7 67.7
105 39.8 19.3 59.3

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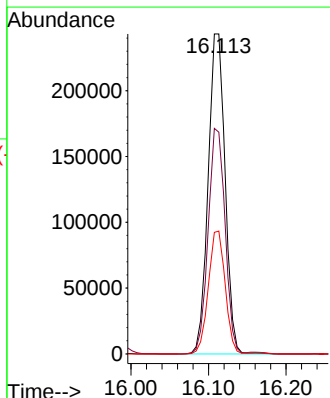
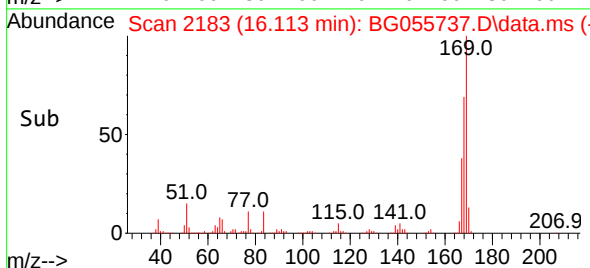
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

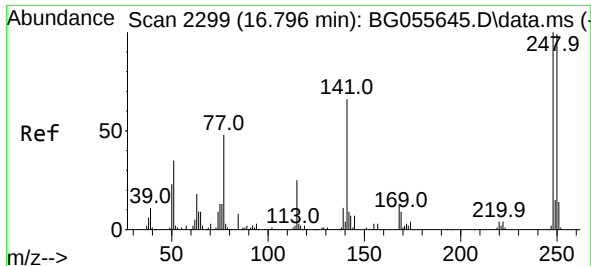


#66
n-Nitrosodiphenylamine
Concen: 45.326 ng
RT: 16.113 min Scan# 2183
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54



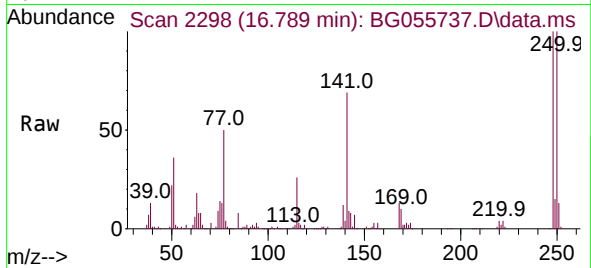
Tgt Ion:169 Resp: 368399
Ion Ratio Lower Upper
169 100
168 69.3 56.6 85.0
167 38.4 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 44.410 ng
RT: 16.789 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

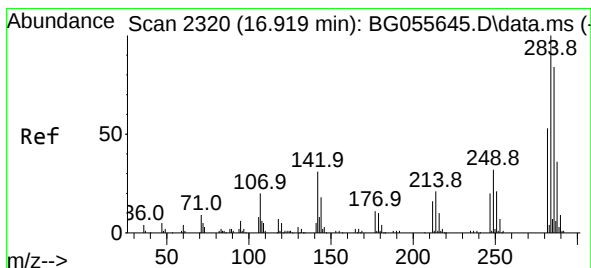
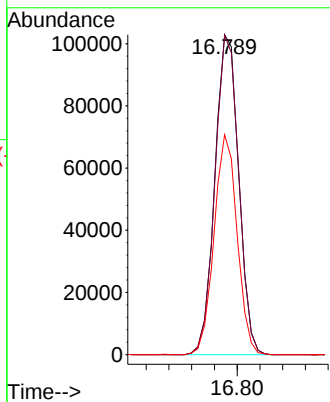
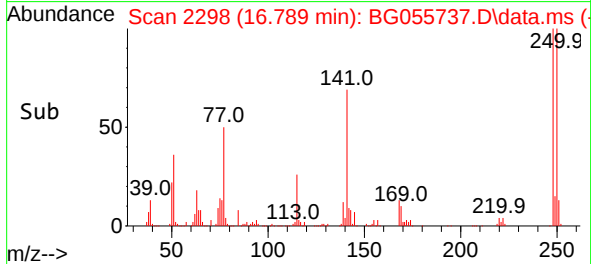
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



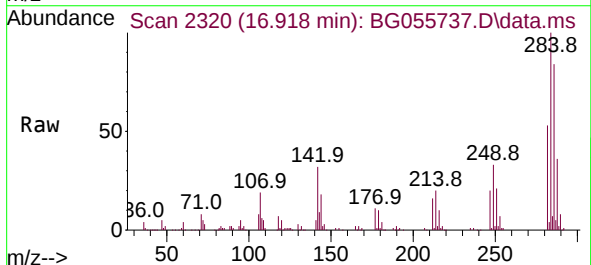
Tgt Ion:248 Resp: 149229
Ion Ratio Lower Upper
248 100
250 99.8 79.0 118.4
141 68.7 52.9 79.3

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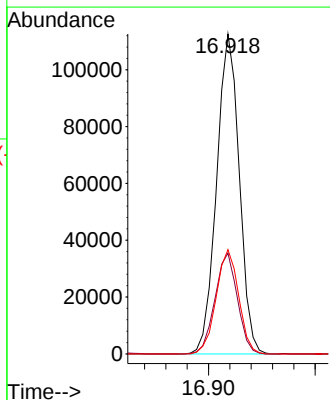
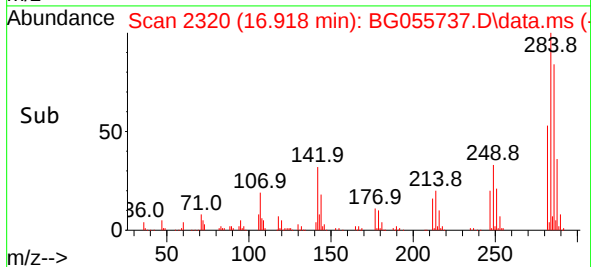
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

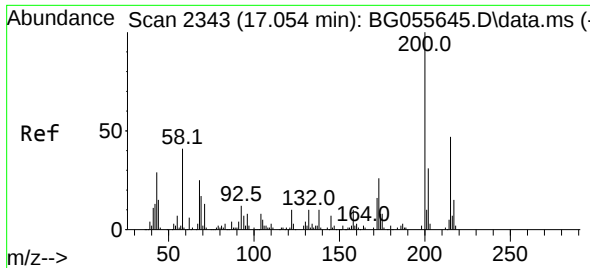


#68
Hexachlorobenzene
Concen: 44.609 ng
RT: 16.918 min Scan# 2320
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54



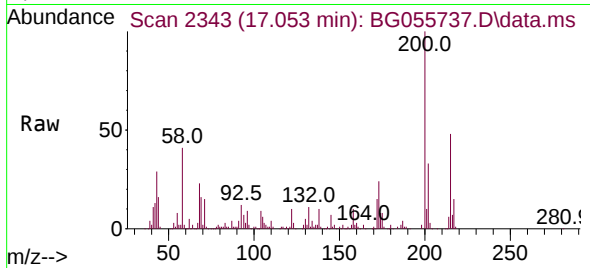
Tgt Ion:284 Resp: 166213
Ion Ratio Lower Upper
284 100
142 31.5 24.8 37.2
249 32.6 25.7 38.5





#69
 Atrazine
 Concen: 46.306 ng
 RT: 17.053 min Scan# 2343
 Delta R.T. 0.012 min
 Lab File: BG055737.D
 Acq: 22 Nov 2022 12:54

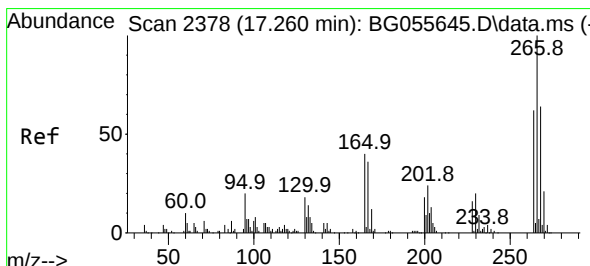
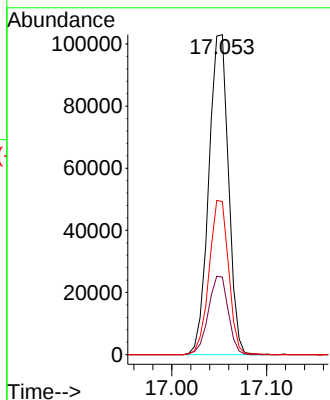
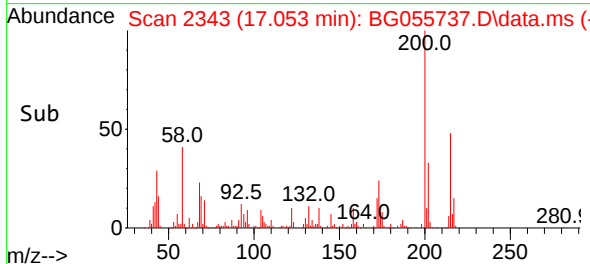
Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-0760533MS



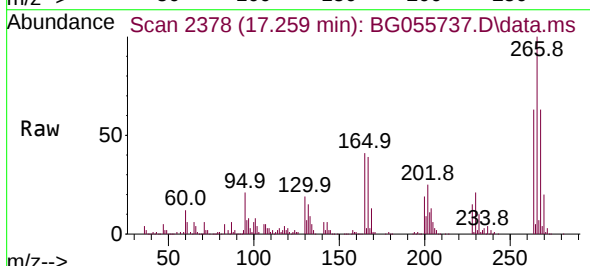
Tgt Ion:200 Resp: 148850
 Ion Ratio Lower Upper
 200 100
 173 24.3 5.6 45.6
 215 47.8 27.2 67.2

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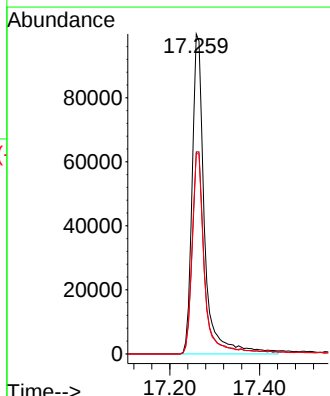
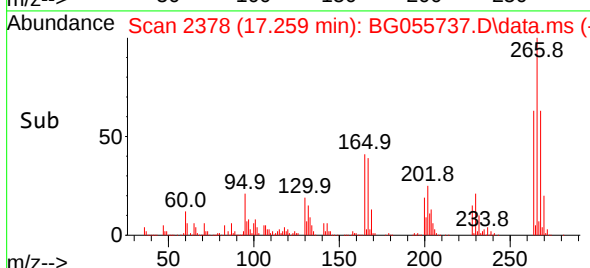
Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022

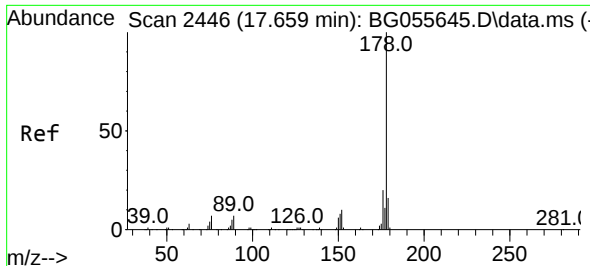


#70
 Pentachlorophenol
 Concen: 83.979 ng
 RT: 17.259 min Scan# 2378
 Delta R.T. 0.006 min
 Lab File: BG055737.D
 Acq: 22 Nov 2022 12:54



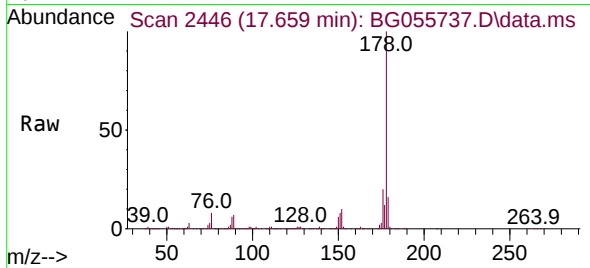
Tgt Ion:266 Resp: 191414
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.2 76.8
 264 62.6 49.5 74.3





#71
Phenanthrene
Concen: 42.001 ng
RT: 17.659 min Scan# 2446
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

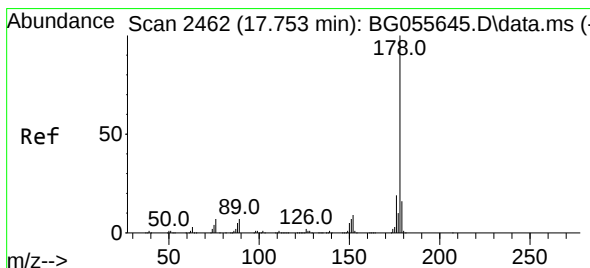
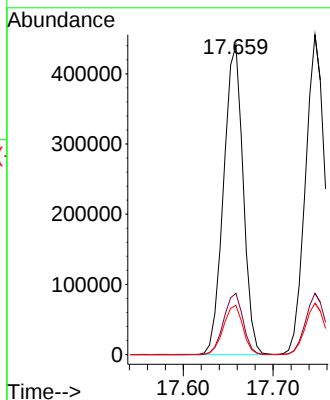
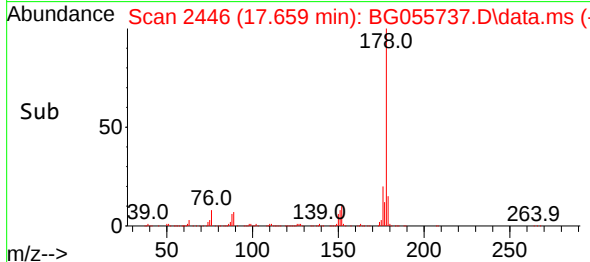
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



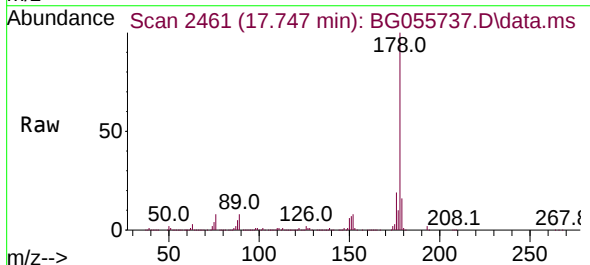
Tgt Ion:178 Resp: 668446
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.9 12.7 19.1

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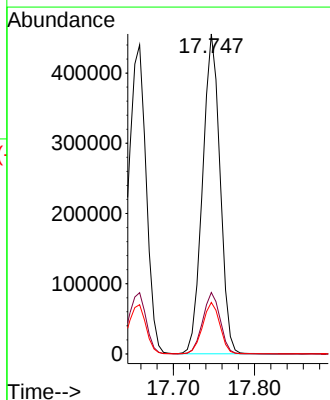
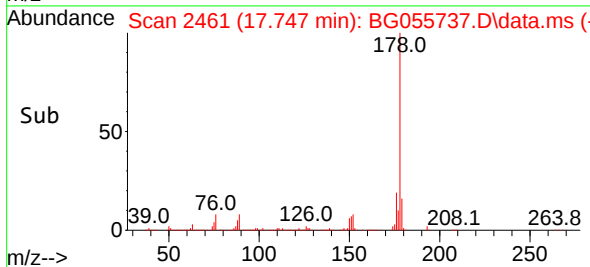
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

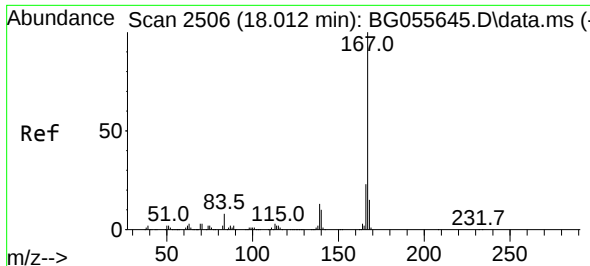


#72
Anthracene
Concen: 44.063 ng
RT: 17.747 min Scan# 2461
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54



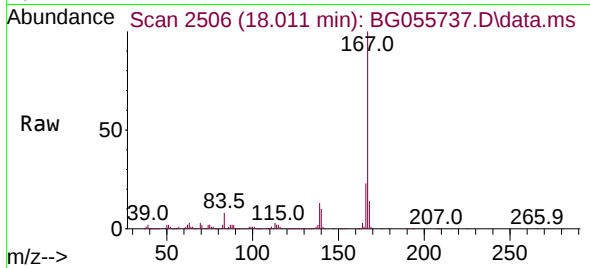
Tgt Ion:178 Resp: 681367
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 16.1 12.5 18.7





#73
 Carbazole
 Concen: 43.817 ng
 RT: 18.011 min Scan# 2506
 Delta R.T. 0.006 min
 Lab File: BG055737.D
 Acq: 22 Nov 2022 12:54

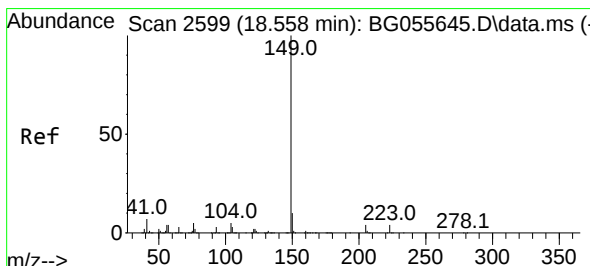
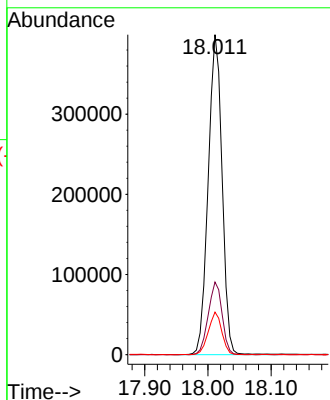
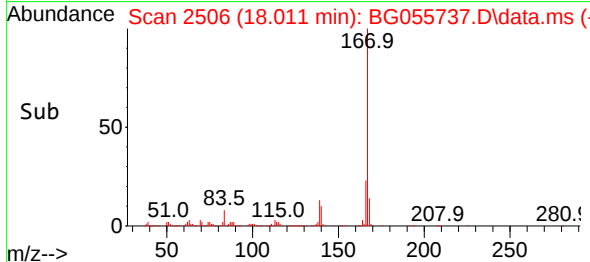
Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-0760533MS



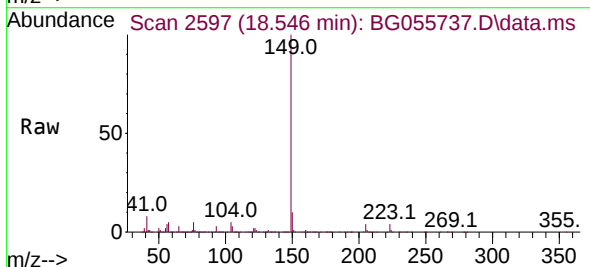
Tgt Ion:167 Resp: 609117
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 13.3 10.2 15.4

Manual Integrations
 APPROVED

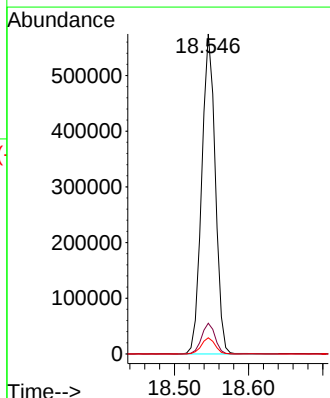
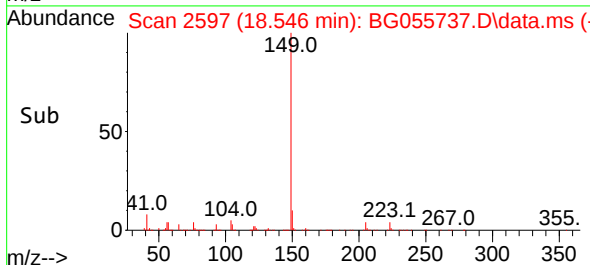
Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022

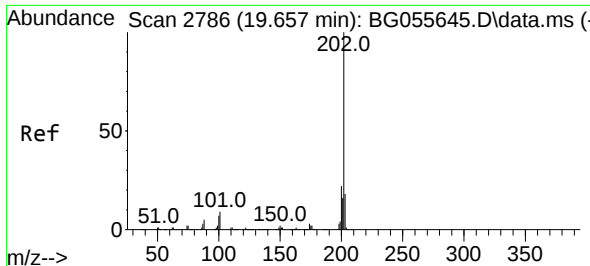


#74
 Di-n-butylphthalate
 Concen: 42.276 ng
 RT: 18.546 min Scan# 2597
 Delta R.T. 0.006 min
 Lab File: BG055737.D
 Acq: 22 Nov 2022 12:54



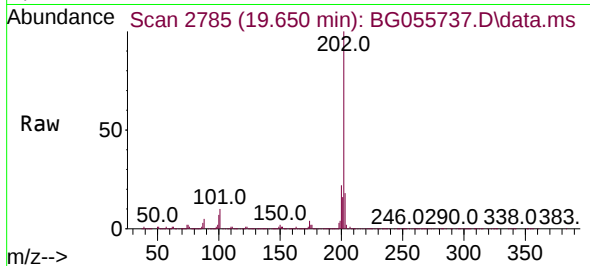
Tgt Ion:149 Resp: 729751
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 39.085 ng
RT: 19.650 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

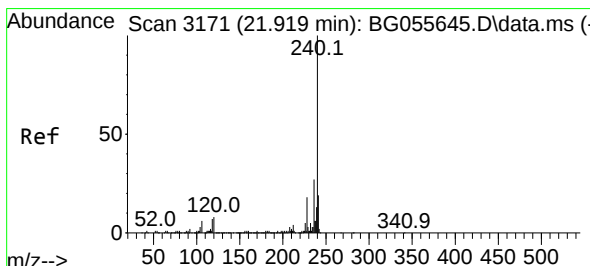
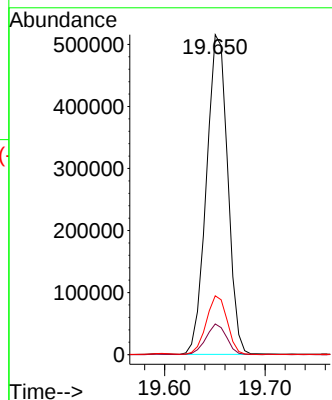
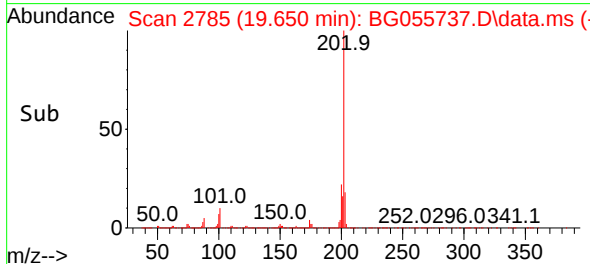
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



Tgt Ion:202 Resp: 756765
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.8
203 18.4 0.0 38.1

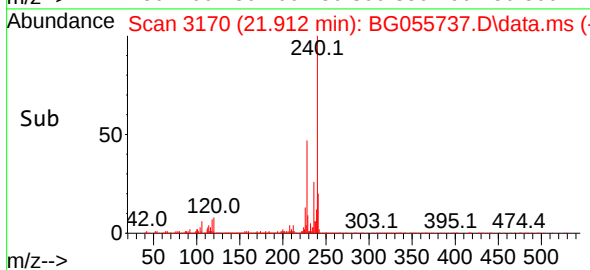
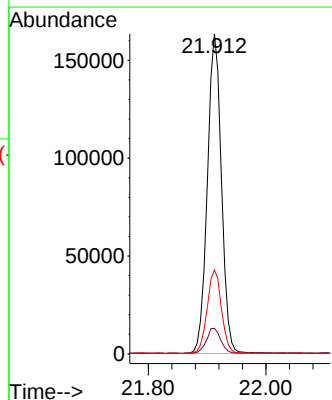
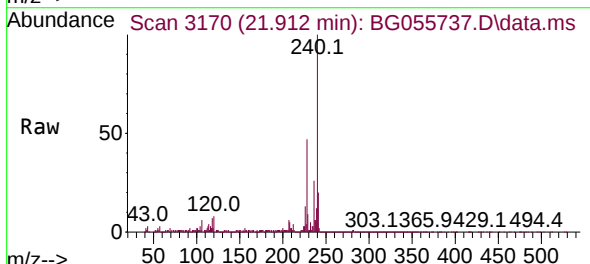
Manual Integrations
APPROVED

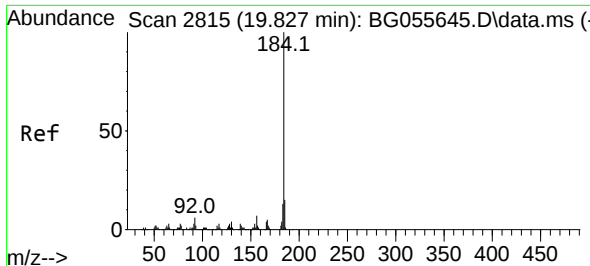
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.912 min Scan# 3170
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

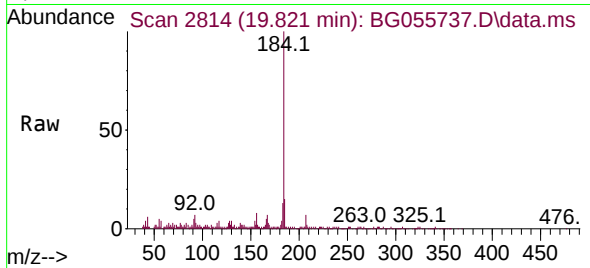
Tgt Ion:240 Resp: 270567
Ion Ratio Lower Upper
240 100
120 8.0 6.3 9.5
236 26.3 21.9 32.9





#77
Benzidine
Concen: 12.915 ng
RT: 19.821 min Scan# 2814
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

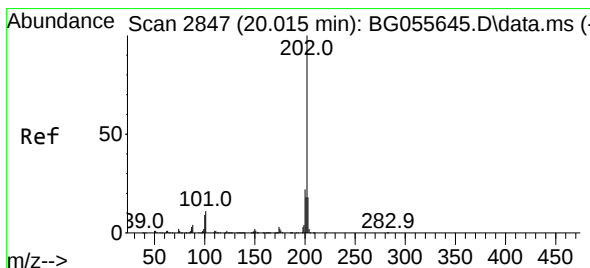
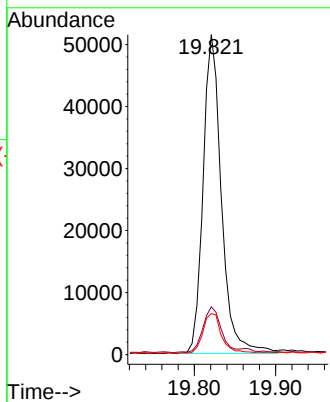
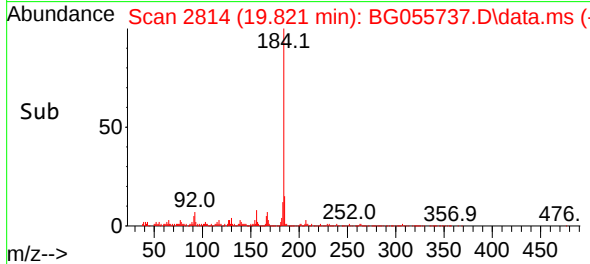
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



Tgt Ion:184 Resp: 80842
Ion Ratio Lower Upper
184 100
185 14.9 11.8 17.8
183 12.8 10.6 15.8

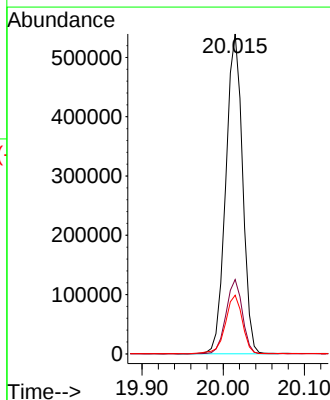
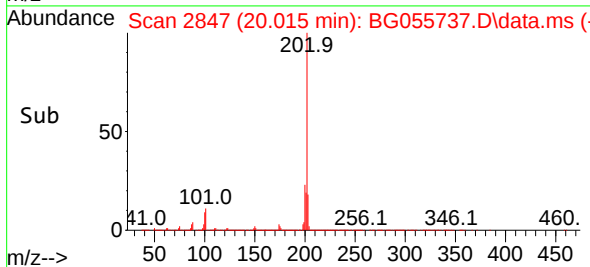
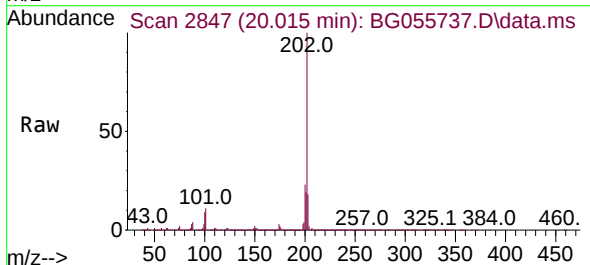
Manual Integrations
APPROVED

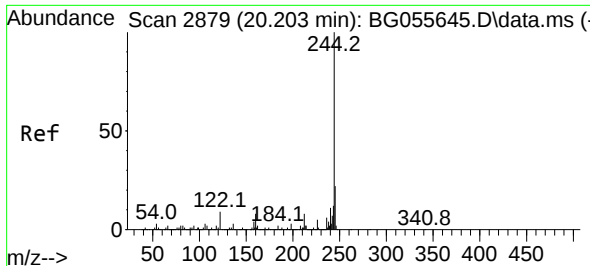
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#78
Pyrene
Concen: 42.146 ng
RT: 20.015 min Scan# 2847
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

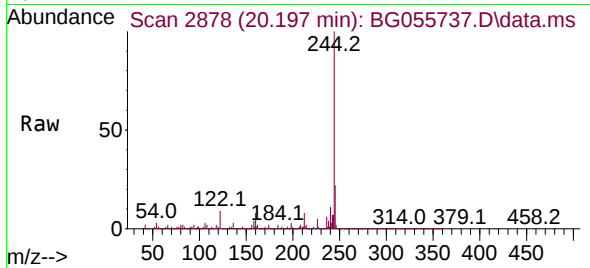
Tgt Ion:202 Resp: 771862
Ion Ratio Lower Upper
202 100
200 23.2 17.8 26.6
203 18.3 14.4 21.6





#79
 Terphenyl-d14
 Concen: 88.156 ng
 RT: 20.197 min Scan# 2879
 Delta R.T. 0.006 min
 Lab File: BG055737.D
 Acq: 22 Nov 2022 12:54

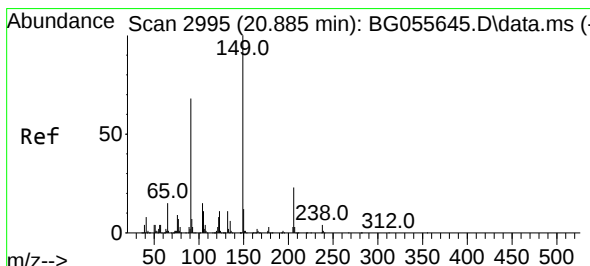
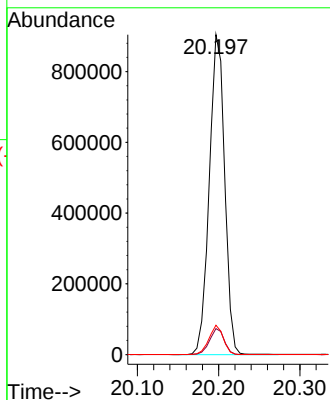
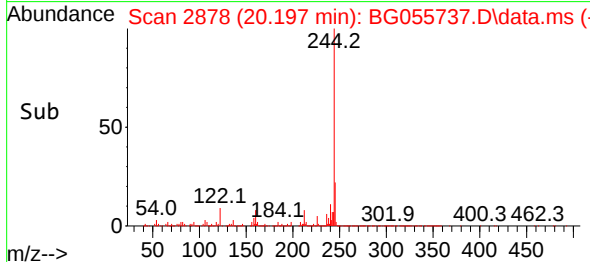
Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-0760533MS



Tgt Ion:244 Resp: 1192536
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 9.2 6.9 10.3

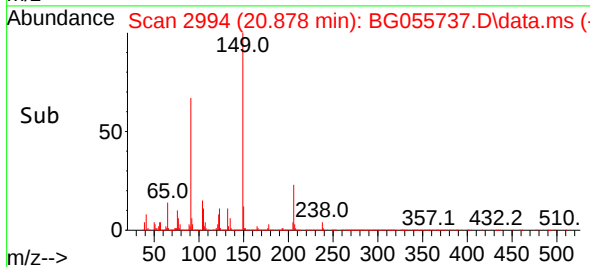
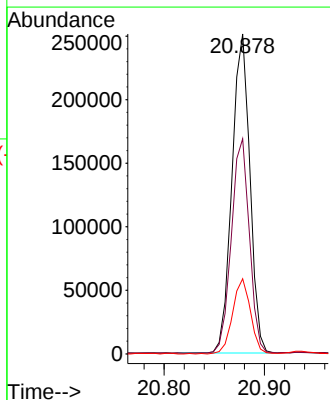
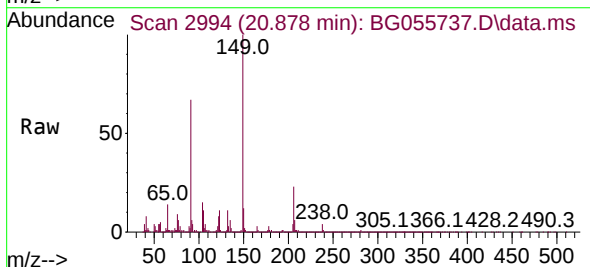
Manual Integrations
 APPROVED

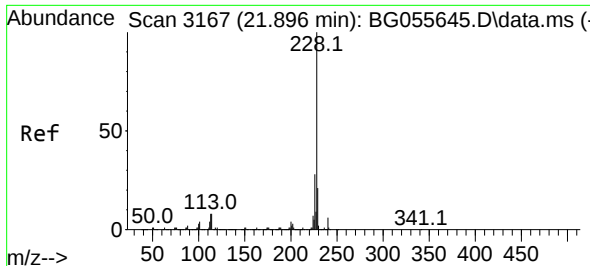
Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022



#80
 Butylbenzylphthalate
 Concen: 43.351 ng
 RT: 20.878 min Scan# 2994
 Delta R.T. 0.006 min
 Lab File: BG055737.D
 Acq: 22 Nov 2022 12:54

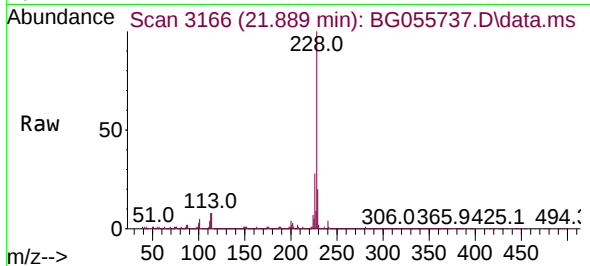
Tgt Ion:149 Resp: 310812
 Ion Ratio Lower Upper
 149 100
 91 67.2 54.6 81.8
 206 23.5 18.3 27.5





#81
Benzo(a)anthracene
Concen: 41.814 ng
RT: 21.889 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

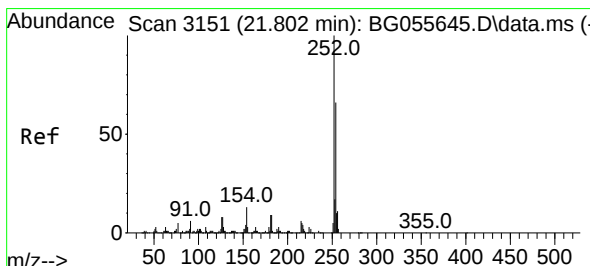
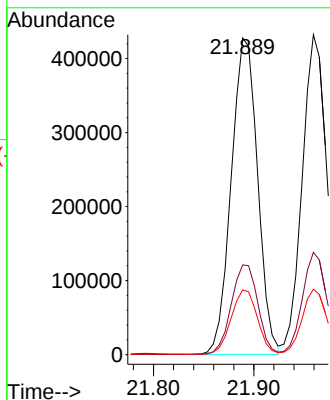
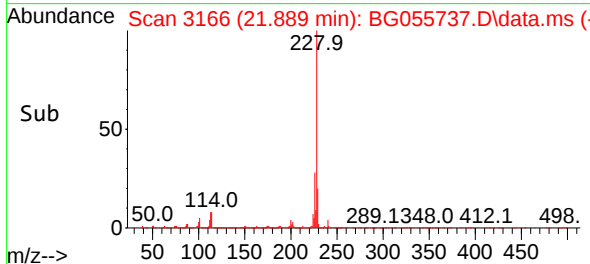
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



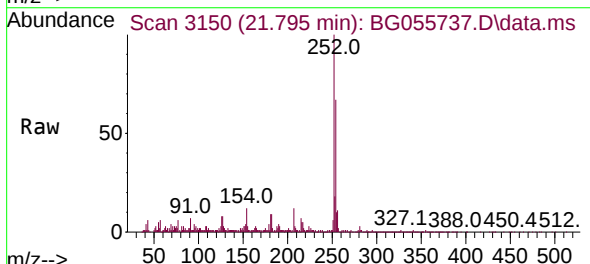
Tgt Ion:228 Resp: 779230
Ion Ratio Lower Upper
228 100
226 28.3 22.7 34.1
229 20.5 16.5 24.7

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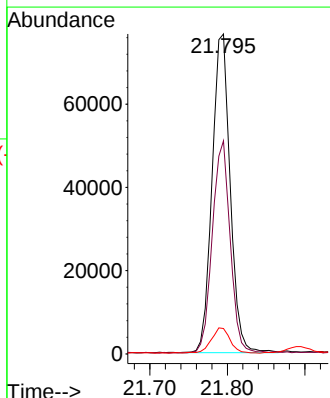
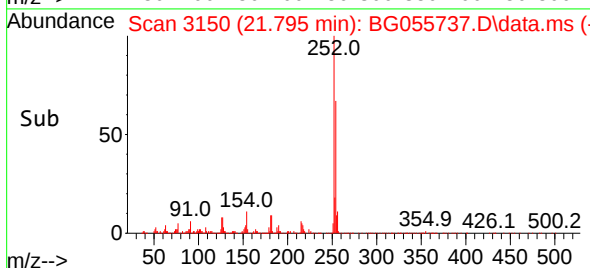
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

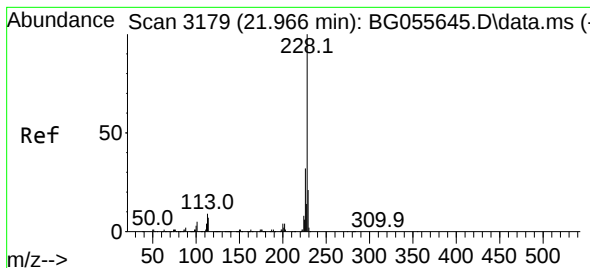


#82
3,3'-Dichlorobenzidine
Concen: 18.956 ng
RT: 21.795 min Scan# 3150
Delta R.T. 0.006 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54



Tgt Ion:252 Resp: 124126
Ion Ratio Lower Upper
252 100
254 66.6 53.0 79.6
126 7.9 6.7 10.1





#83

Chrysene

Concen: 41.610 ng

RT: 21.959 min Scan# 3178

Delta R.T. 0.006 min

Lab File: BG055737.D

Acq: 22 Nov 2022 12:54

Instrument :

BNA_G

ClientSampleId :

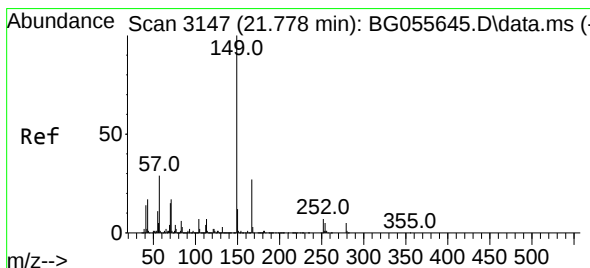
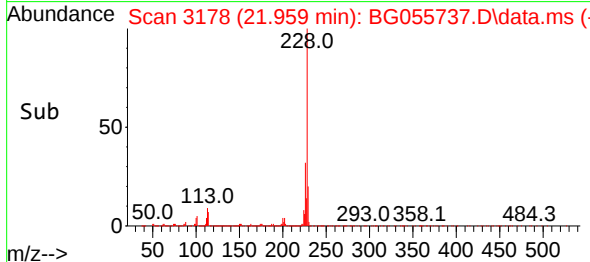
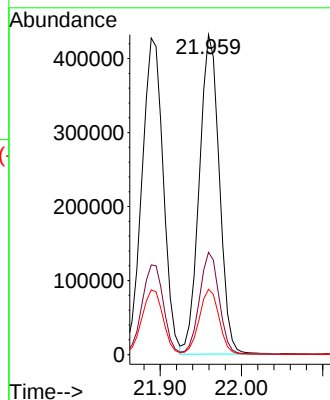
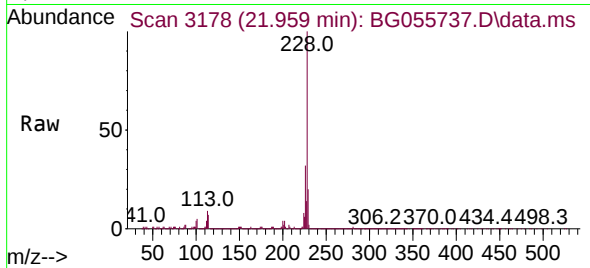
FRAC-TANK-0760533MS

Tgt Ion:228 Resp: 738203
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.4 38.2
 229 20.4 17.1 25.7

Manual Integrations

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.991 ng

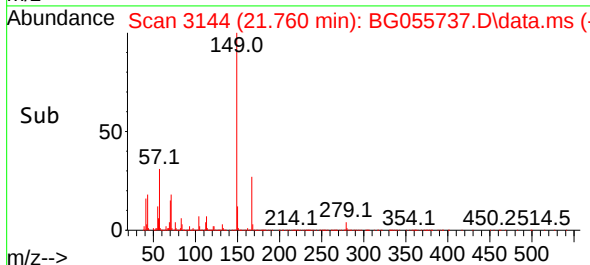
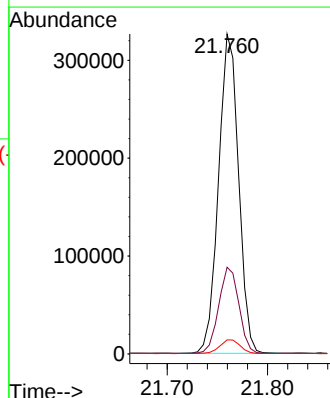
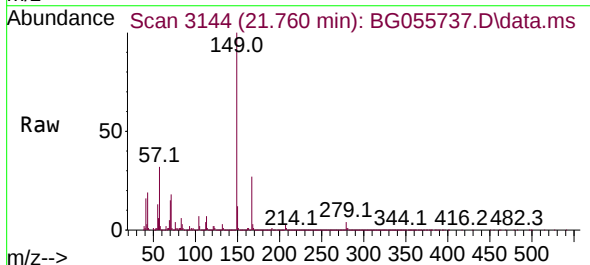
RT: 21.760 min Scan# 3144

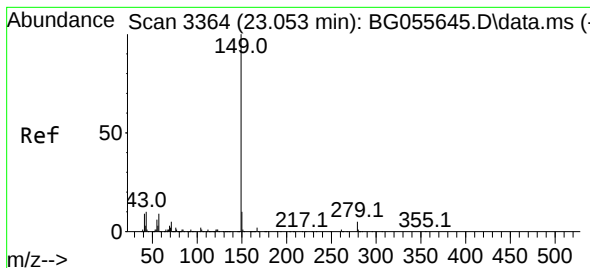
Delta R.T. 0.006 min

Lab File: BG055737.D

Acq: 22 Nov 2022 12:54

Tgt Ion:149 Resp: 453274
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.0 33.0
 279 4.4 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 44.480 ng

RT: 23.035 min Scan# 3364

Delta R.T. 0.006 min

Lab File: BG055737.D

Acq: 22 Nov 2022 12:54

Instrument :

BNA_G

ClientSampleId :

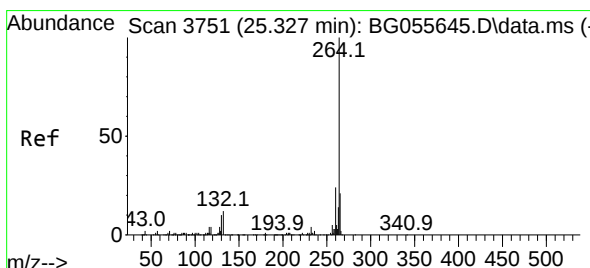
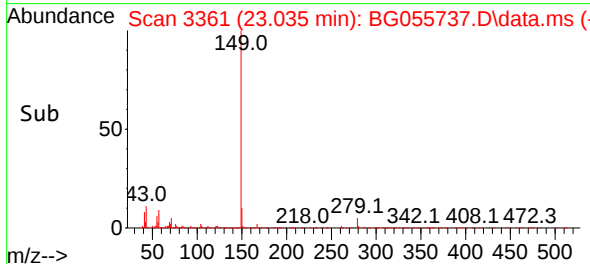
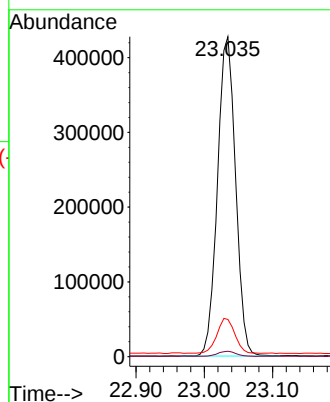
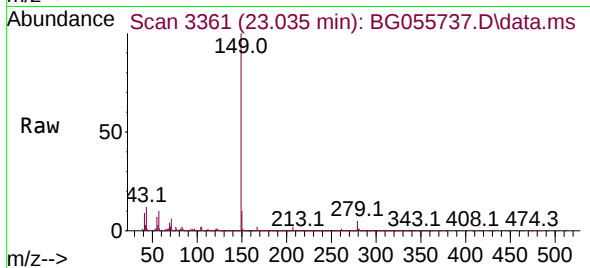
FRAC-TANK-0760533MS

Tgt Ion:149 Resp: 784322
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.8 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

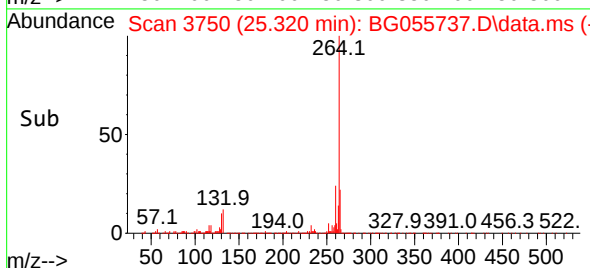
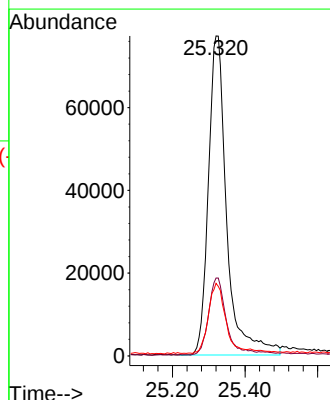
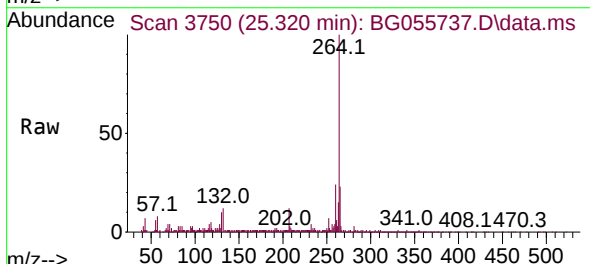
RT: 25.320 min Scan# 3750

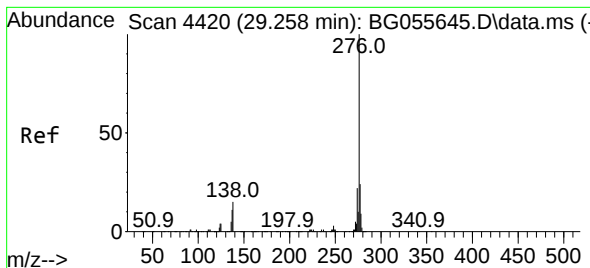
Delta R.T. 0.018 min

Lab File: BG055737.D

Acq: 22 Nov 2022 12:54

Tgt Ion:264 Resp: 270583
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 22.7 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 30.487 ng

RT: 29.257 min Scan# 4420

Delta R.T. 0.024 min

Lab File: BG055737.D

Acq: 22 Nov 2022 12:54

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-0760533MS

Tgt Ion:276 Resp: 675798

Ion Ratio Lower Upper

276 100

138 7.5 10.4 15.6

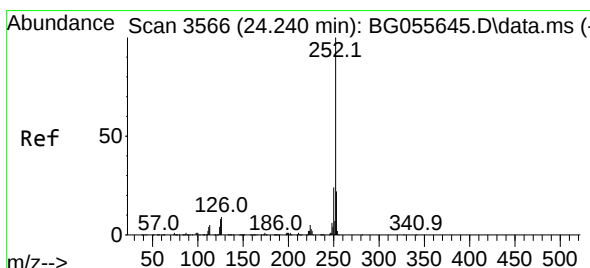
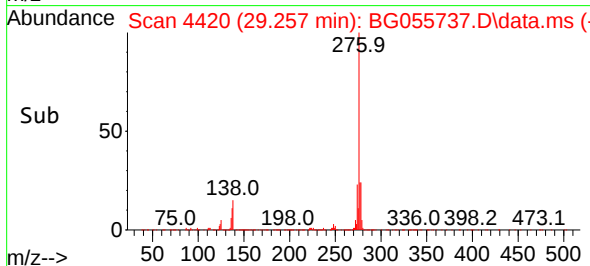
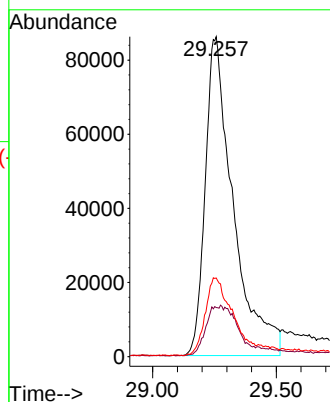
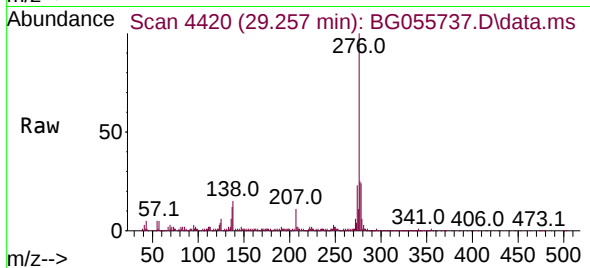
277 23.9 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#88

Benzo(b)fluoranthene

Concen: 42.357 ng

RT: 24.233 min Scan# 3565

Delta R.T. 0.012 min

Lab File: BG055737.D

Acq: 22 Nov 2022 12:54

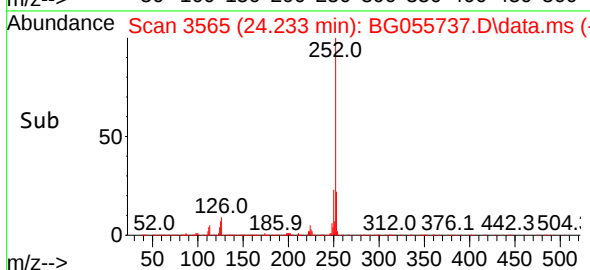
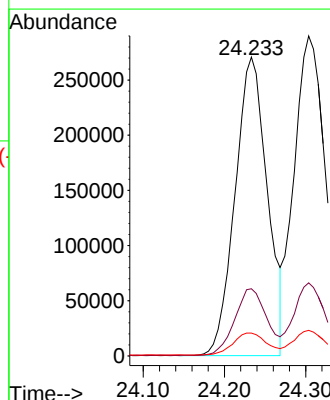
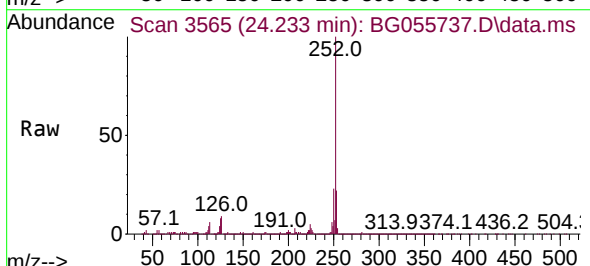
Tgt Ion:252 Resp: 746406

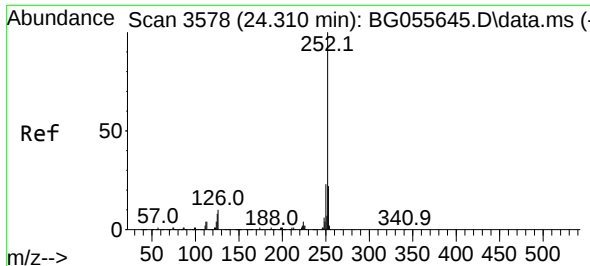
Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 7.6 6.2 9.2





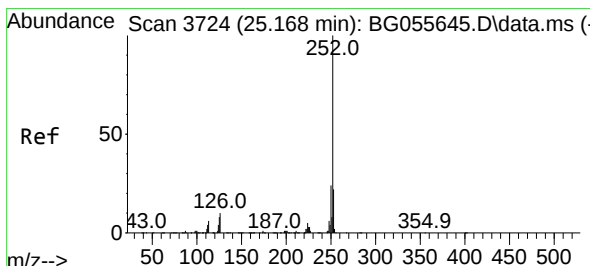
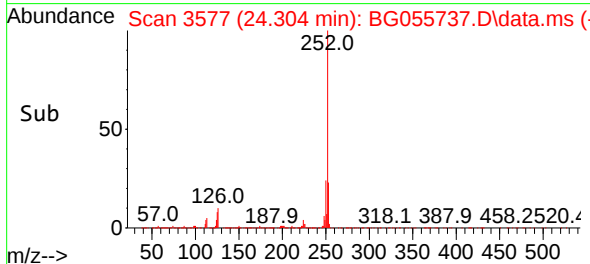
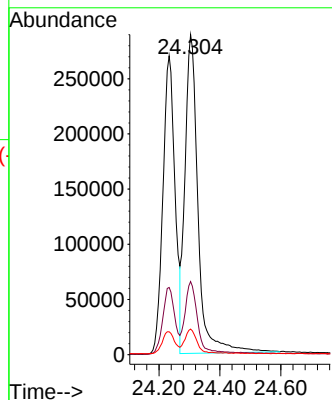
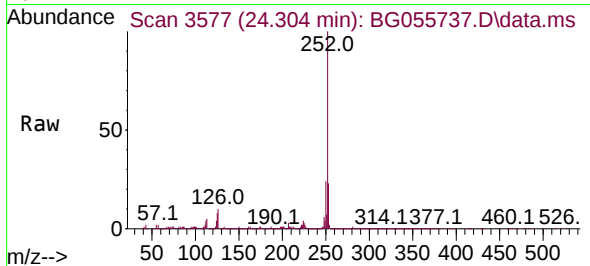
#89
Benzo(k)fluoranthene
Concen: 48.989 ng
RT: 24.304 min Scan# 31
Delta R.T. 0.012 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS

Tgt Ion:252 Resp: 860524
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 8.0 6.1 9.1

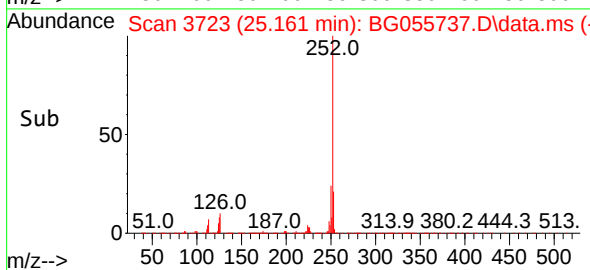
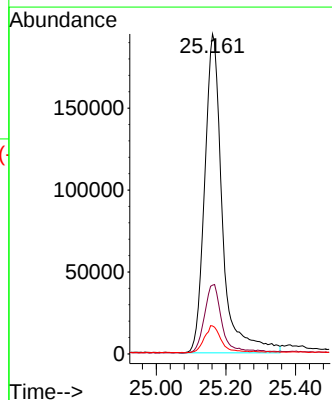
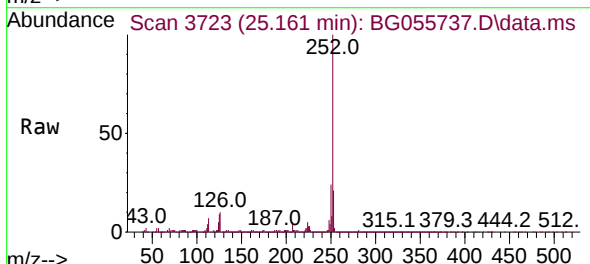
Manual Integrations
APPROVED

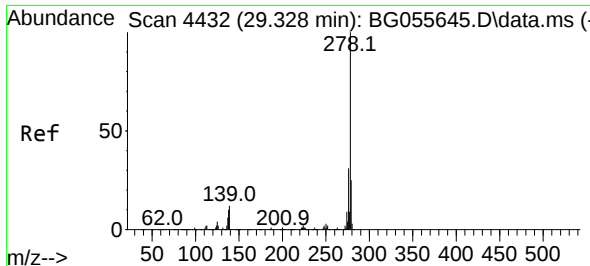
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#90
Benzo(a)pyrene
Concen: 45.380 ng
RT: 25.161 min Scan# 3723
Delta R.T. 0.012 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

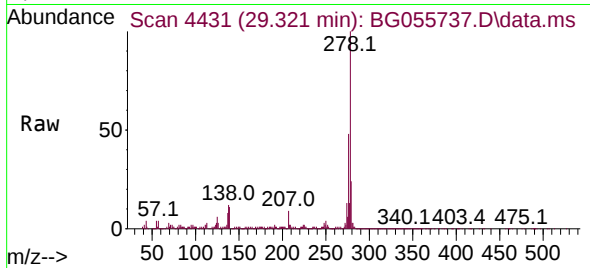
Tgt Ion:252 Resp: 686223
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 8.7 6.4 9.6





#91
Dibenzo(a,h)anthracene
Concen: 32.644 ng
RT: 29.321 min Scan# 4432
Delta R.T. 0.030 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

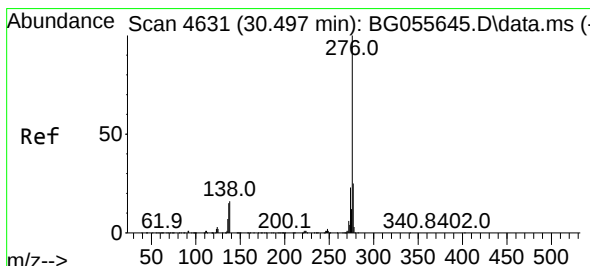
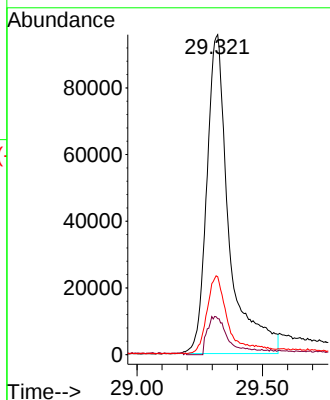
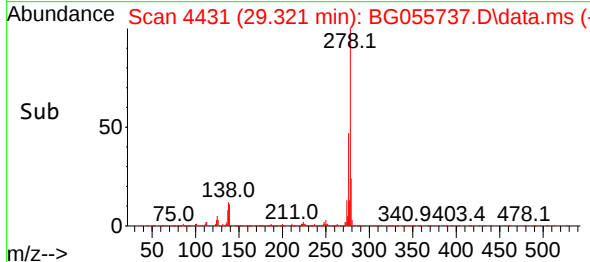
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533MS



Tgt Ion:278 Resp: 59132
Ion Ratio Lower Upper
278 100
139 11.2 9.8 14.8
279 24.3 19.8 29.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 25.285 ng
RT: 30.485 min Scan# 4629
Delta R.T. 0.024 min
Lab File: BG055737.D
Acq: 22 Nov 2022 12:54

Tgt Ion:276 Resp: 461627
Ion Ratio Lower Upper
276 100
277 23.6 19.8 29.6
138 16.4 13.1 19.7

