

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082622\
 Data File : BG054762.D
 Acq On : 26 Aug 2022 19:32
 Operator : CG/JU
 Sample : N4226-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-1MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/29/2022
 Supervised By : Jagrut Upadhyay 08/29/2022

Quant Time: Aug 27 02:17:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	50059	20.000	ng	0.00
21) Naphthalene-d8	10.976	136	212780	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	139003	20.000	ng	0.00
64) Phenanthrene-d10	17.527	188	313138	20.000	ng	0.00
76) Chrysene-d12	21.822	240	291220	20.000	ng	0.00
86) Perylene-d12	25.188	264	312773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	284736	99.049	ng	0.00
7) Phenol-d6	7.298	99	396727	100.912	ng	0.00
23) Nitrobenzene-d5	9.325	82	241882	59.676	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	148865	85.706	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	567607	61.374	ng	0.00
79) Terphenyl-d14	20.130	244	954972	64.974	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.531	88	53749	39.156	ng	98
3) Pyridine	3.937	79	144426	37.721	ng	98
4) n-Nitrosodimethylamine	3.855	42	76134	46.000	ng	99
6) Aniline	7.468	93	157579	33.735	ng	96
8) 2-Chlorophenol	7.709	128	170831	54.391	ng	99
9) Benzaldehyde	7.280	77	87162	33.827	ng	99
10) Phenol	7.321	94	214089	52.952	ng	98
11) bis(2-Chloroethyl)ether	7.562	93	160010	49.209	ng	100
12) 1,3-Dichlorobenzene	8.038	146	175731	48.349	ng	99
13) 1,4-Dichlorobenzene	8.185	146	178747	48.756	ng	100
14) 1,2-Dichlorobenzene	8.508	146	173099	49.794	ng	98
15) Benzyl Alcohol	8.385	79	144967m	51.041	ng	
16) 2,2'-oxybis(1-Chloropr...	8.678	45	250996	49.331	ng	99
17) 2-Methylphenol	8.584	107	146182	52.515	ng	96
18) Hexachloroethane	9.242	117	64502	48.519	ng	97
19) n-Nitroso-di-n-propyla...	8.960	70	130128	48.133	ng	98
20) 3+4-Methylphenols	8.913	107	201655	52.242	ng	95
22) Acetophenone	8.978	105	246240	46.257	ng	99
24) Nitrobenzene	9.366	77	184299	45.112	ng	100
25) Isophorone	9.889	82	360324	47.677	ng	99
26) 2-Nitrophenol	10.083	139	92092	51.031	ng	96
27) 2,4-Dimethylphenol	10.130	122	156475	54.725	ng	97
28) bis(2-Chloroethoxy)met...	10.371	93	221220	51.369	ng	99
29) 2,4-Dichlorophenol	10.617	162	163663	50.324	ng	98
30) 1,2,4-Trichlorobenzene	10.835	180	167145	44.973	ng	98
31) Naphthalene	11.029	128	511947	44.844	ng	100
32) Benzoic acid	10.271	122	95833	47.117	ng	97
33) 4-Chloroaniline	11.134	127	87014	18.696	ng	98
34) Hexachlorobutadiene	11.305	225	108785	45.685	ng	98
35) Caprolactam	11.904	113	56909m	49.600	ng	
36) 4-Chloro-3-methylphenol	12.239	107	179011	50.335	ng	97
37) 2-Methylnaphthalene	12.621	142	363386	45.415	ng	99
38) 1-Methylnaphthalene	12.838	142	346681	44.533	ng	99
40) 1,2,4,5-Tetrachloroben...	12.985	216	196420	46.876	ng	99
41) Hexachlorocyclopentadiene	12.962	237	230087	103.541	ng	98
43) 2,4,6-Trichlorophenol	13.220	196	136614	49.120	ng	99

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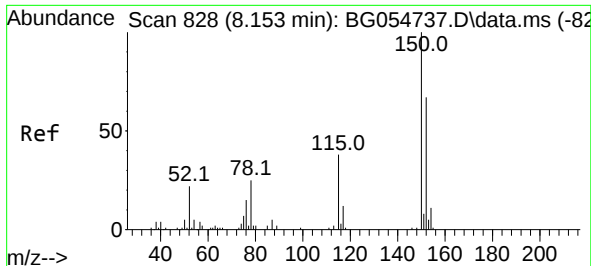
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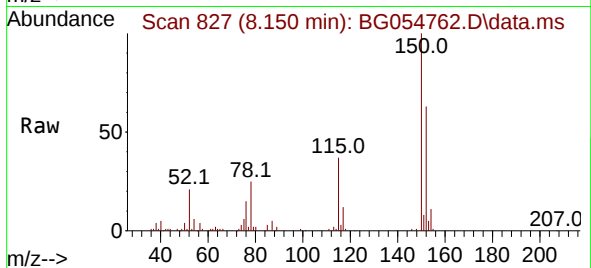
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.291	196	151061	48.364	ng	98
46) 1,1'-Biphenyl	13.620	154	492321	47.694	ng	100
47) 2-Chloronaphthalene	13.667	162	362978	46.302	ng	99
48) 2-Nitroaniline	13.866	65	118109	48.073	ng	97
49) Acenaphthylene	14.513	152	601032	46.460	ng	99
50) Dimethylphthalate	14.231	163	484614	45.253	ng	99
51) 2,6-Dinitrotoluene	14.354	165	106607	48.670	ng	91
52) Acenaphthene	14.848	154	427185m	51.407	ng	
53) 3-Nitroaniline	14.683	138	76591	31.236	ng	98
54) 2,4-Dinitrophenol	14.889	184	117938	94.116	ng	97
55) Dibenzofuran	15.182	168	560327	45.889	ng	99
56) 4-Nitrophenol	14.983	139	193140	101.785	ng	97
57) 2,4-Dinitrotoluene	15.136	165	148676	49.073	ng	90
58) Fluorene	15.829	166	469507	45.643	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.400	232	128124	45.505	ng	97
60) Diethylphthalate	15.588	149	487601	45.598	ng	99
61) 4-Chlorophenyl-phenyle...	15.817	204	242375	47.763	ng	100
62) 4-Nitroaniline	15.846	138	112500	44.938	ng	98
63) Azobenzene	16.111	77	457162	44.984	ng	98
65) 4,6-Dinitro-2-methylph...	15.893	198	78558	49.285	ng	94
66) n-Nitrosodiphenylamine	16.029	169	418664	46.362	ng	100
67) 4-Bromophenyl-phenylether	16.710	248	165897	48.254	ng	99
68) Hexachlorobenzene	16.828	284	183526	47.485	ng	99
69) Atrazine	16.975	200	161483	50.688	ng	98
70) Pentachlorophenol	17.174	266	212644	101.263	ng	98
71) Phenanthrene	17.574	178	762980	45.739	ng	98
72) Anthracene	17.662	178	753679	46.472	ng	99
73) Carbazole	17.932	167	717860	48.042	ng	100
74) Di-n-butylphthalate	18.479	149	872426	46.141	ng	99
75) Fluoranthene	19.577	202	956251	47.123	ng	99
77) Benzidine	19.754	184	269896	37.417	ng	99
78) Pyrene	19.936	202	967945	47.667	ng	99
80) Butylbenzylphthalate	20.811	149	394475	46.572	ng	100
81) Benzo(a)anthracene	21.804	228	915053	46.342	ng	99
82) 3,3'-Dichlorobenzidine	21.710	252	230952	33.360	ng	100
83) Chrysene	21.869	228	868923	46.025	ng	100
84) Bis(2-ethylhexyl)phtha...	21.693	149	582501	47.733	ng	99
85) Di-n-octyl phthalate	22.956	149	977174	47.217	ng	97
87) Indeno(1,2,3-cd)pyrene	29.060	276	1107169	46.628	ng	99
88) Benzo(b)fluoranthene	24.113	252	976331	49.761	ng	99
89) Benzo(k)fluoranthene	24.190	252	951081	48.165	ng	99
90) Benzo(a)pyrene	25.036	252	866378	51.684	ng	100
91) Dibenzo(a,h)anthracene	29.137	278	931844	48.171	ng	99
92) Benzo(g,h,i)perylene	30.282	276	947544	48.486	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.150 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

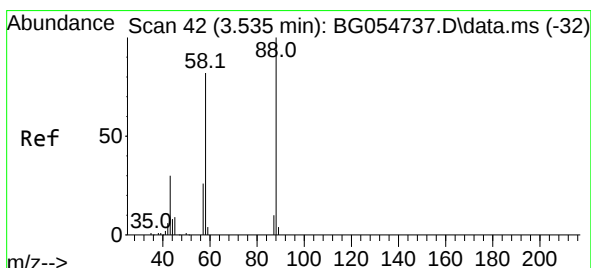
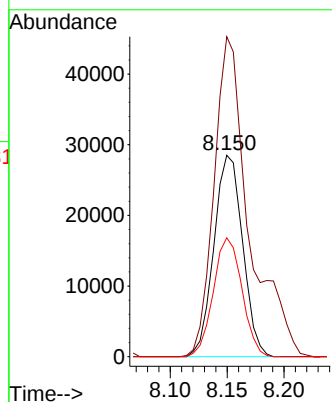
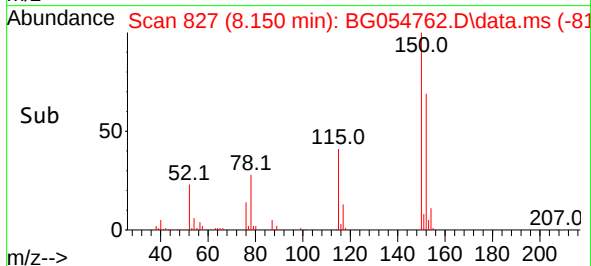
Instrument :
BNA_G
ClientSampleId :
B-1MSD



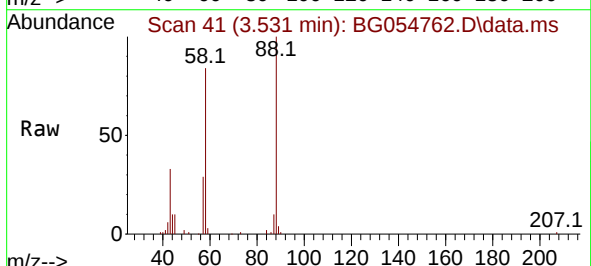
Tgt Ion:152 Resp: 5005
Ion Ratio Lower Upper
152 100
150 158.9 125.2 187.8
115 59.0 47.9 71.9

Manual Integrations
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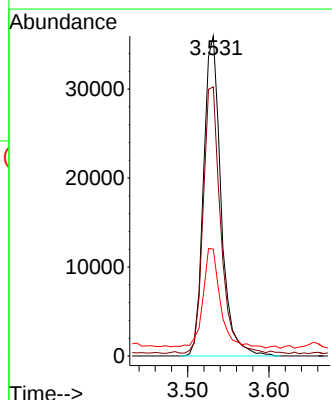
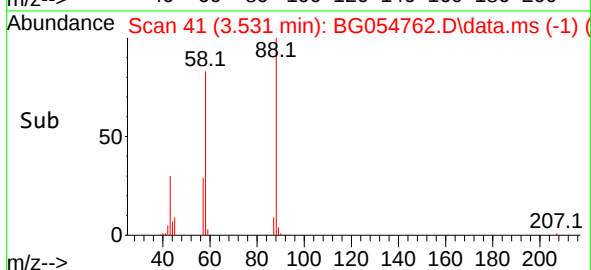
Reviewed By :Christian Giraldo 08/29/2022
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#2
1,4-Dioxane
Concen: 39.156 ng
RT: 3.531 min Scan# 41
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32



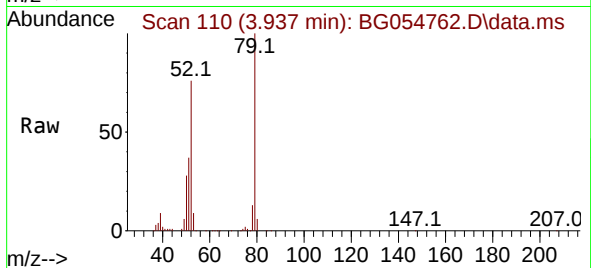
Tgt Ion: 88 Resp: 53749
Ion Ratio Lower Upper
88 100
58 82.7 65.9 98.9
43 31.3 22.7 34.1





#3
Pyridine
Concen: 37.721 ng
RT: 3.937 min Scan# 112
Delta R.T. -0.010 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

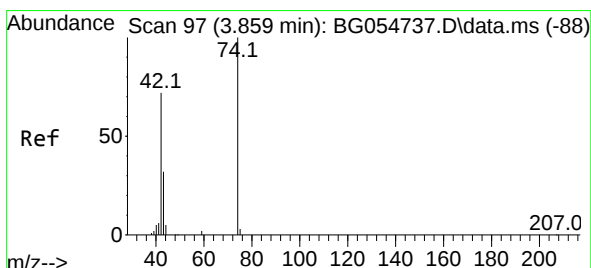
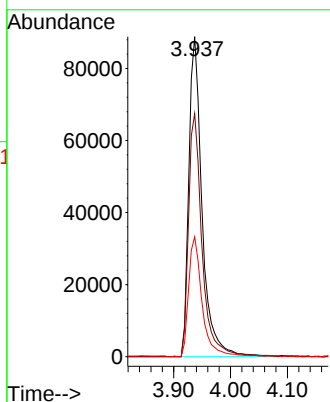
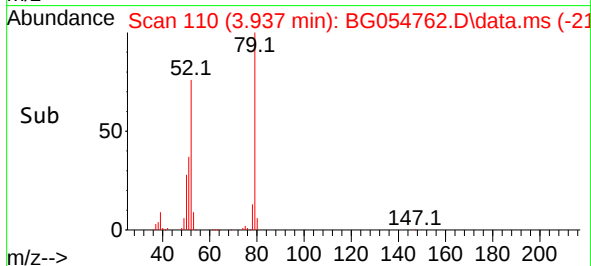
Instrument :
BNA_G
ClientSampleId :
B-1MSD



Tgt Ion: 79 Resp: 144420
Ion Ratio Lower Upper
79 100
52 75.9 61.4 92.0
51 37.4 31.4 47.0

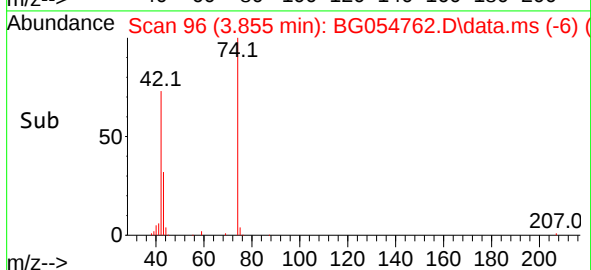
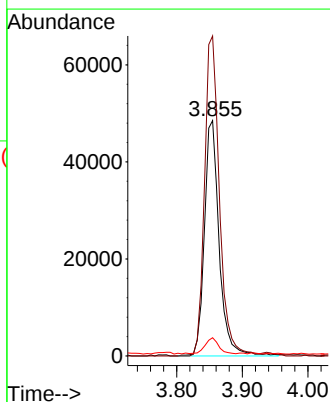
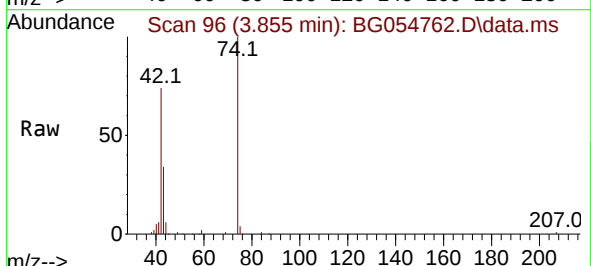
Manual Integrations
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Supervised By :Jagrut Upadhyay 08/29/2022



#4
n-Nitrosodimethylamine
Concen: 46.000 ng
RT: 3.855 min Scan# 96
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

Tgt Ion: 42 Resp: 76134
Ion Ratio Lower Upper
42 100
74 135.9 109.6 164.4
44 7.8 5.5 8.3





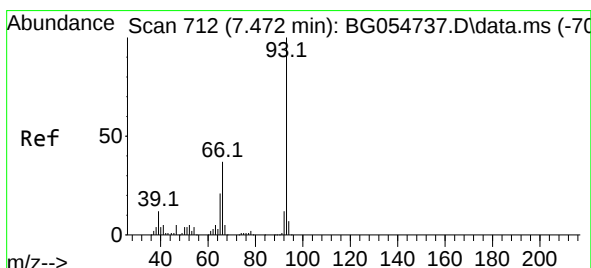
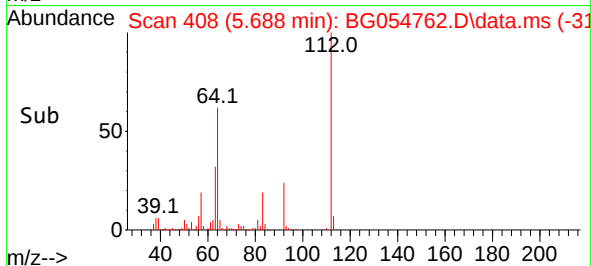
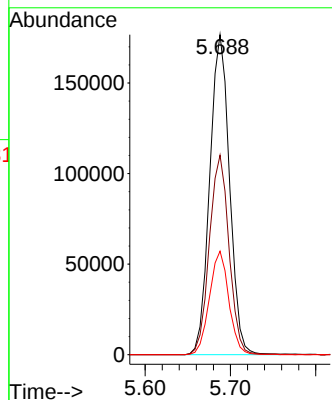
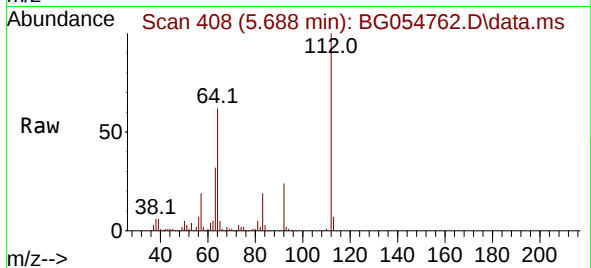
#5
2-Fluorophenol
Concen: 99.049 ng
RT: 5.688 min Scan# 408
Delta R.T. 0.002 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

Instrument :
BNA_G
ClientSampleId :
B-1MSD

Tgt Ion:112 Resp: 284730
Ion Ratio Lower Upper
112 100
64 62.4 49.3 73.9
63 32.3 26.3 39.5

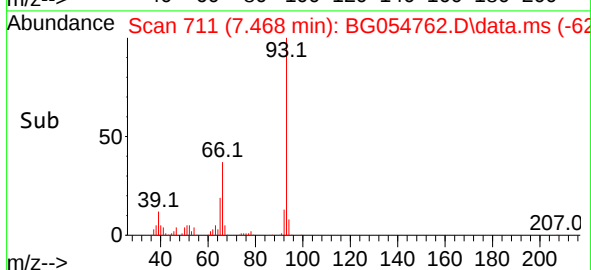
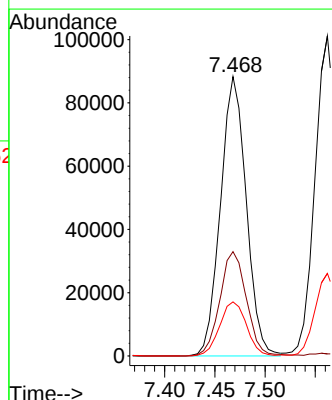
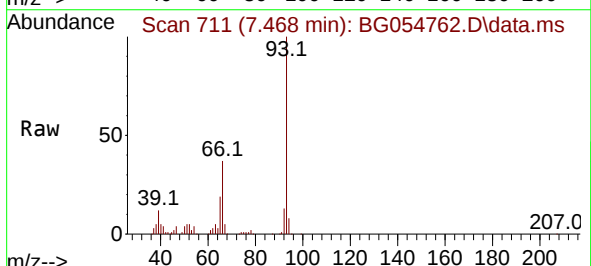
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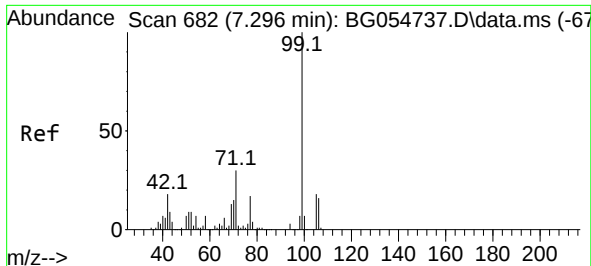
Reviewed By :Christian Giraldo 08/29/2022
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#6
Aniline
Concen: 33.735 ng
RT: 7.468 min Scan# 711
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

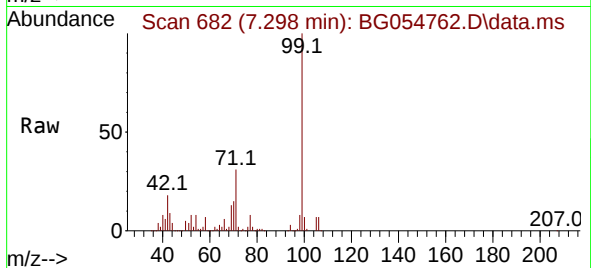
Tgt Ion: 93 Resp: 157579
Ion Ratio Lower Upper
93 100
66 37.3 31.8 47.8
65 19.3 16.6 25.0





#7
Phenol-d6
Concen: 100.912 ng
RT: 7.298 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

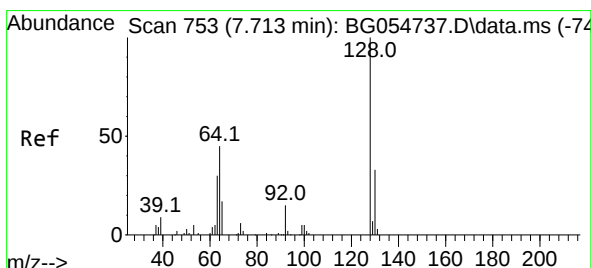
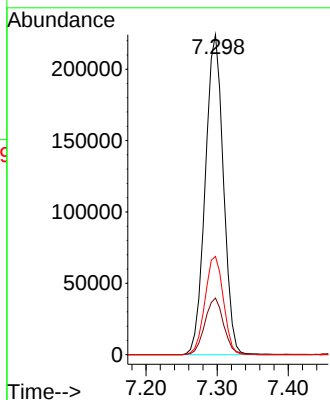
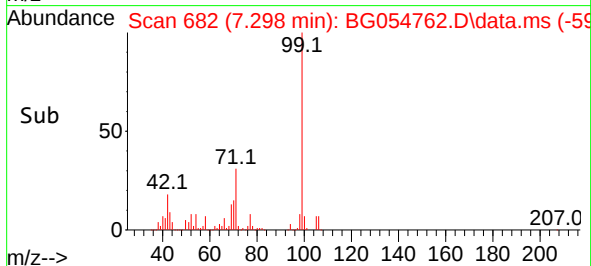
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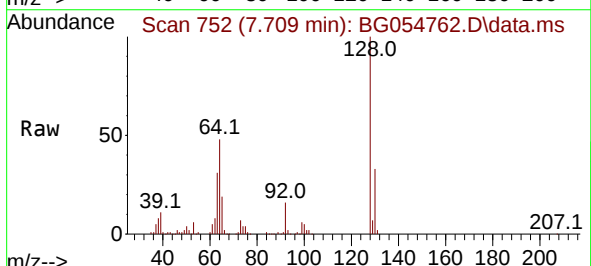
Tgt Ion: 99 Resp: 39672
Ion Ratio Lower Upper
99 100
42 17.7 14.6 22.0
71 30.7 24.6 37.0

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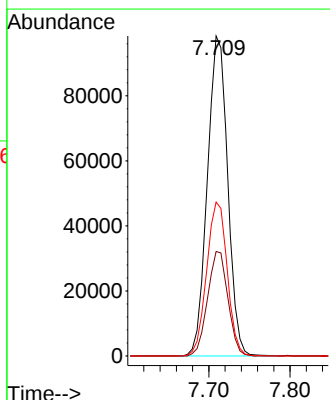
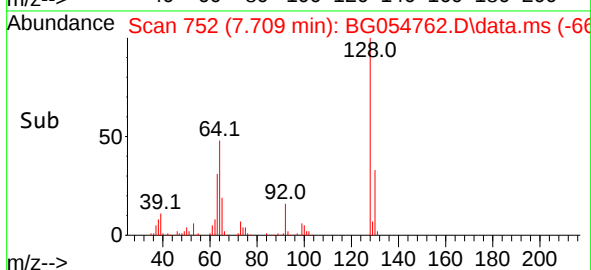
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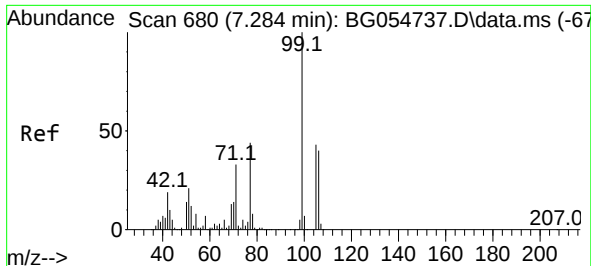


#8
2-Chlorophenol
Concen: 54.391 ng
RT: 7.709 min Scan# 752
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32



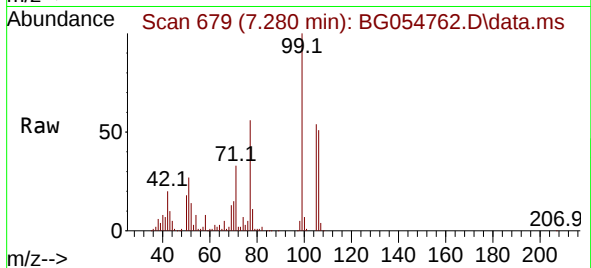
Tgt Ion:128 Resp: 170831
Ion Ratio Lower Upper
128 100
130 32.6 12.5 52.5
64 48.1 28.6 68.6





#9
Benzaldehyde
Concen: 33.827 ng
RT: 7.280 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

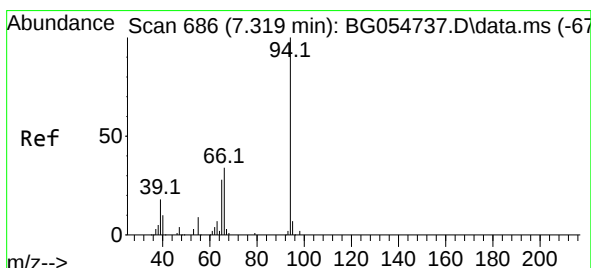
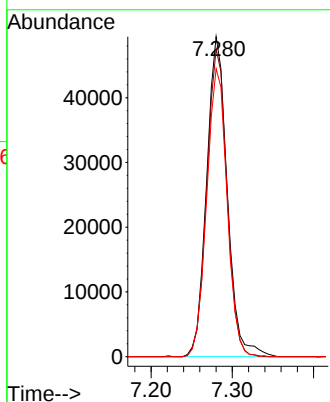
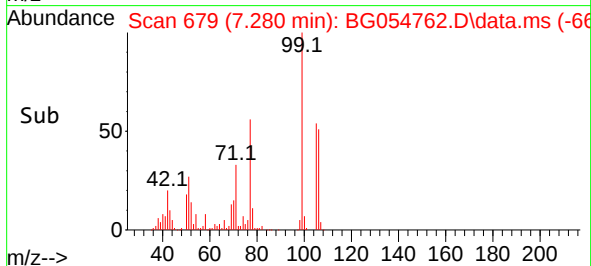
Instrument :
BNA_G
ClientSampleId :
B-1MSD



Tgt Ion: 77 Resp: 87162
Ion Ratio Lower Upper
77 100
105 96.1 75.3 115.3
106 90.0 70.2 110.2

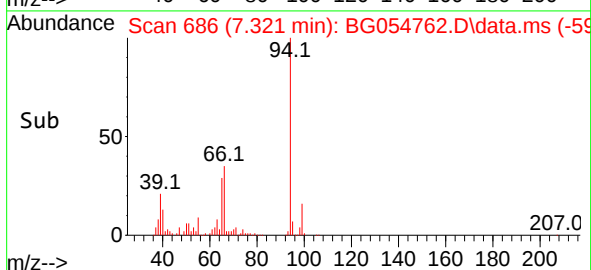
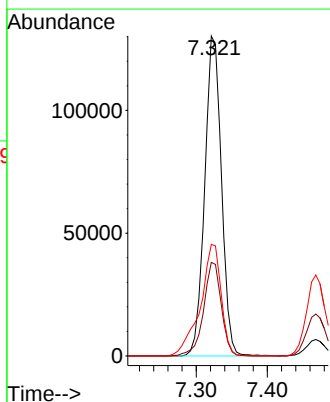
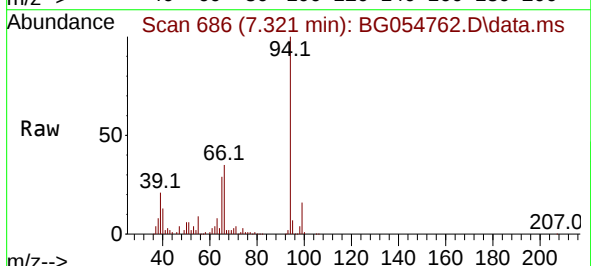
Manual Integrations
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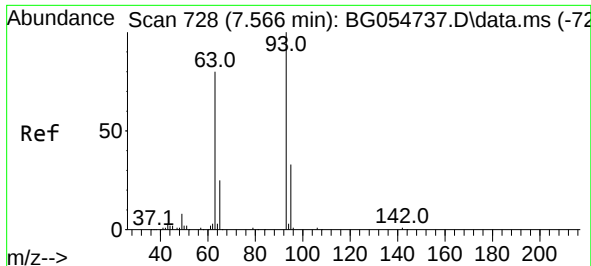
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#10
Phenol
Concen: 52.952 ng
RT: 7.321 min Scan# 686
Delta R.T. 0.002 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

Tgt Ion: 94 Resp: 214089
Ion Ratio Lower Upper
94 100
65 29.3 9.9 49.9
66 34.9 16.4 56.4





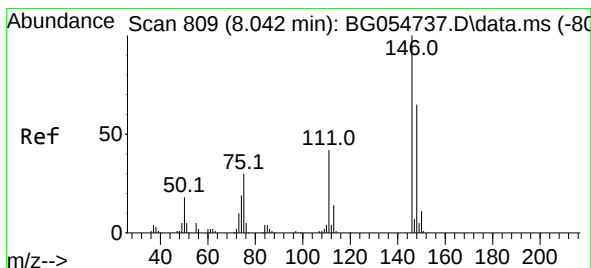
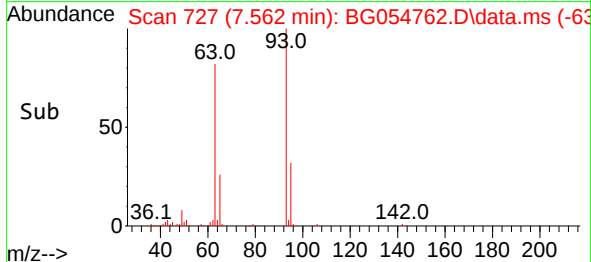
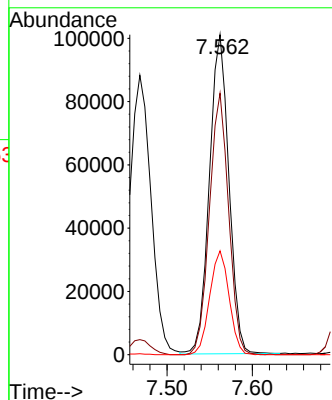
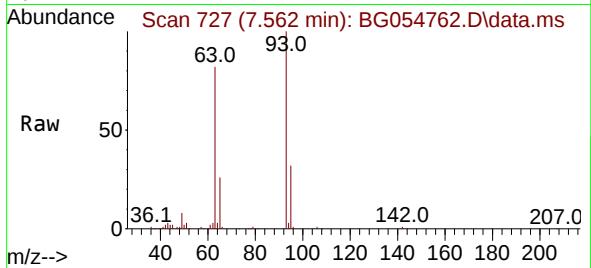
#11
bis(2-Chloroethyl)ether
Concen: 49.209 ng
RT: 7.562 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

Instrument :
BNA_G
ClientSampleId :
B-1MSD

Tgt Ion: 93 Resp: 160010
Ion Ratio Lower Upper
93 100
63 81.7 62.1 102.1
95 32.4 12.1 52.1

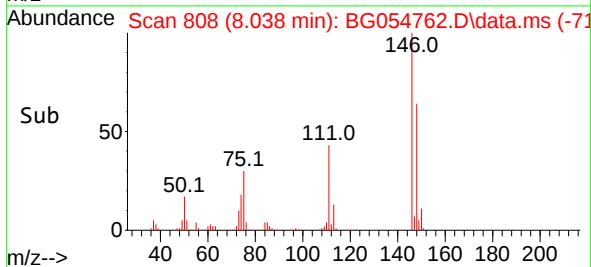
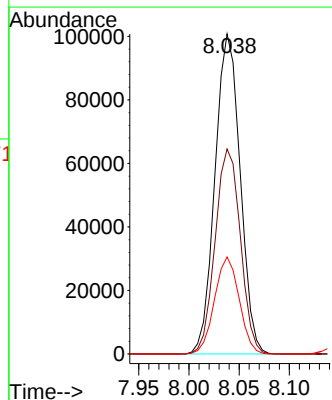
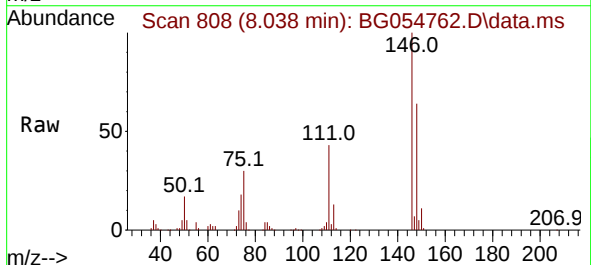
Manual Integrations
APPROVED

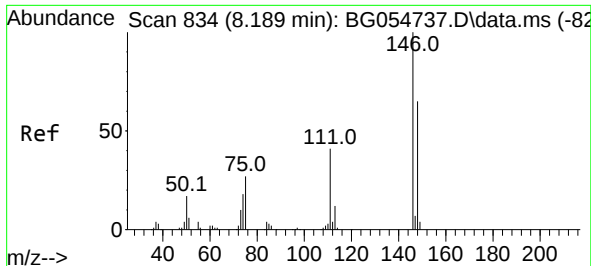
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#12
1,3-Dichlorobenzene
Concen: 48.349 ng
RT: 8.038 min Scan# 808
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

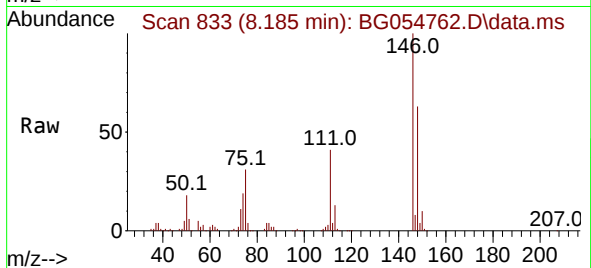
Tgt Ion:146 Resp: 175731
Ion Ratio Lower Upper
146 100
148 64.1 50.6 76.0
75 30.3 24.3 36.5





#13
1,4-Dichlorobenzene
Concen: 48.756 ng
RT: 8.185 min Scan# 811
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

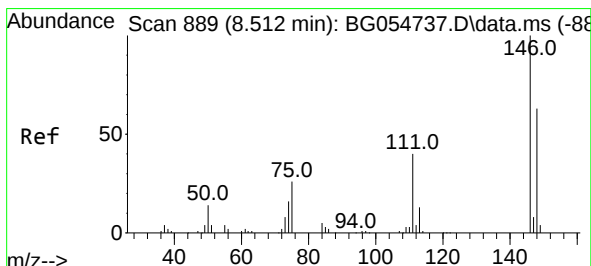
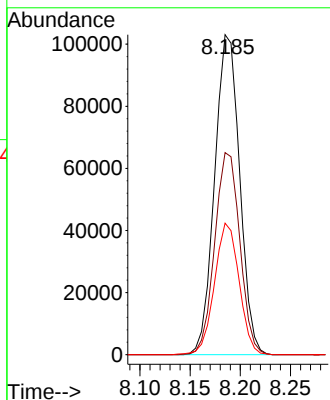
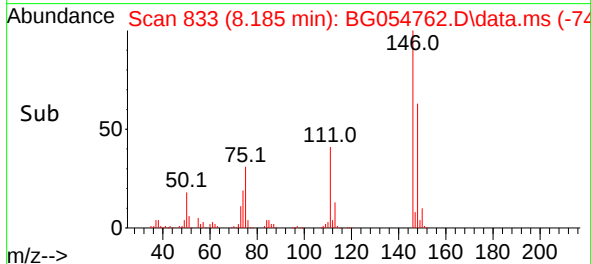
Instrument :
BNA_G
ClientSampleId :
B-1MSD



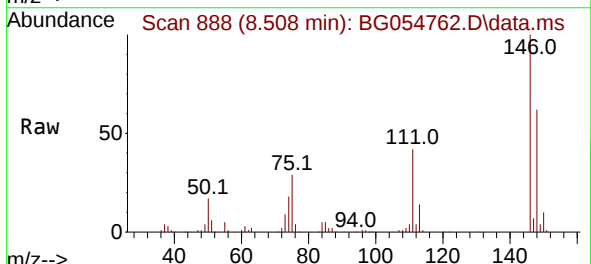
Tgt Ion:146 Resp: 17874
Ion Ratio Lower Upper
146 100
148 63.2 50.4 75.6
111 41.1 33.0 49.4

Manual Integrations
APPROVED

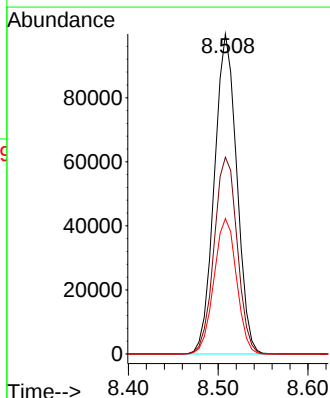
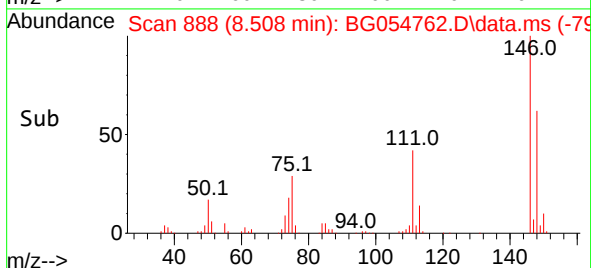
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

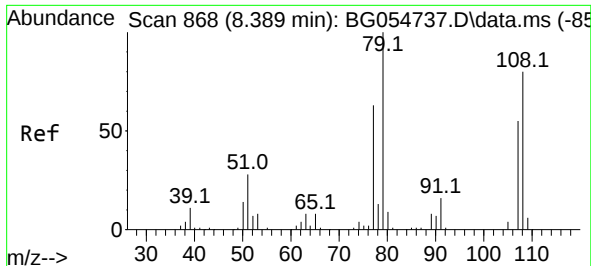


#14
1,2-Dichlorobenzene
Concen: 49.794 ng
RT: 8.508 min Scan# 888
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32



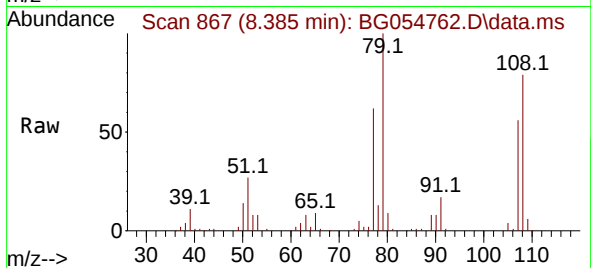
Tgt Ion:146 Resp: 173099
Ion Ratio Lower Upper
146 100
148 61.5 51.2 76.8
111 42.3 34.3 51.5





#15
Benzyl Alcohol
Concen: 51.041 ng m
RT: 8.385 min Scan# 867
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

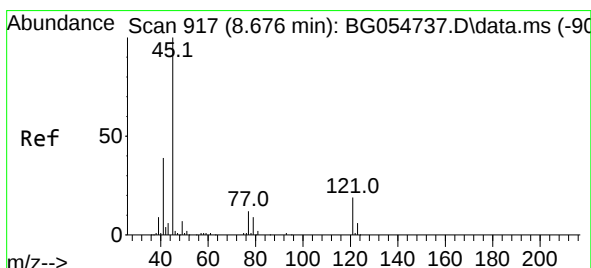
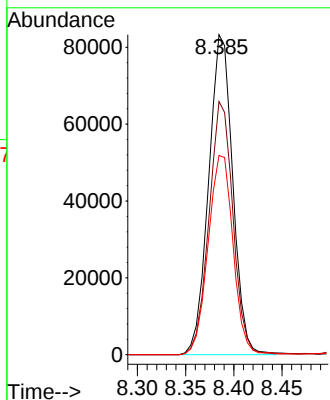
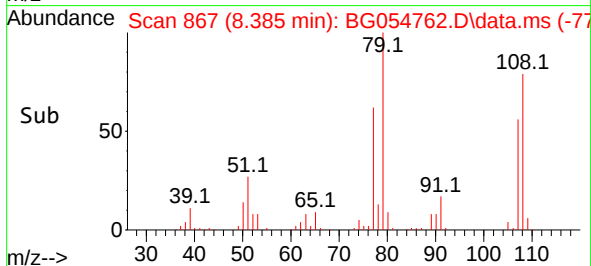
Instrument :
BNA_G
ClientSampleId :
B-1MSD



Tgt Ion: 79 Resp: 14496
Ion Ratio Lower Upper
79 100
108 79.1 63.4 95.0
77 62.3 55.0 82.4

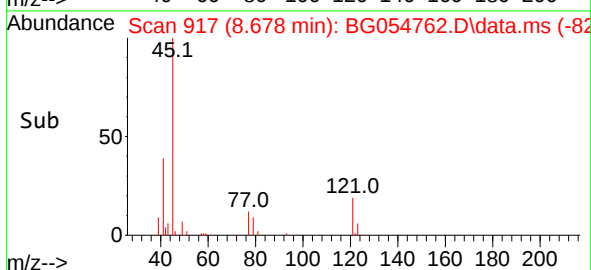
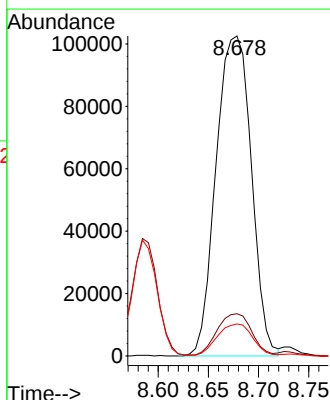
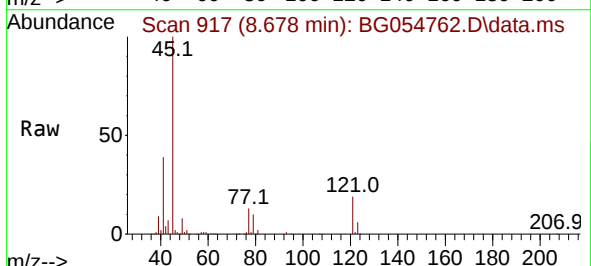
Manual Integrations
APPROVED

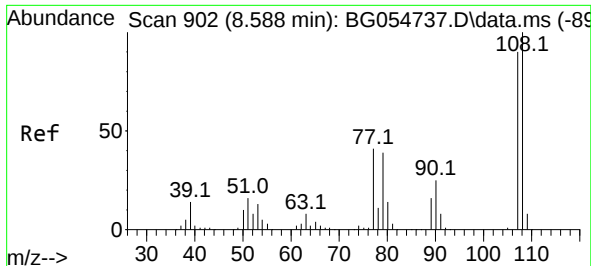
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.331 ng
RT: 8.678 min Scan# 917
Delta R.T. 0.002 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

Tgt Ion: 45 Resp: 250996
Ion Ratio Lower Upper
45 100
77 13.2 0.0 32.8
79 10.0 0.0 30.4





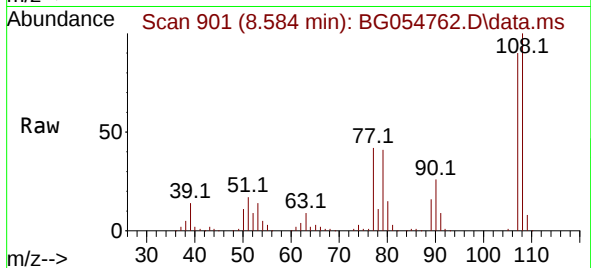
#17
2-Methylphenol
Concen: 52.515 ng
RT: 8.584 min Scan# 901
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

Instrument :

BNA_G

ClientSampleId :

B-1MSD

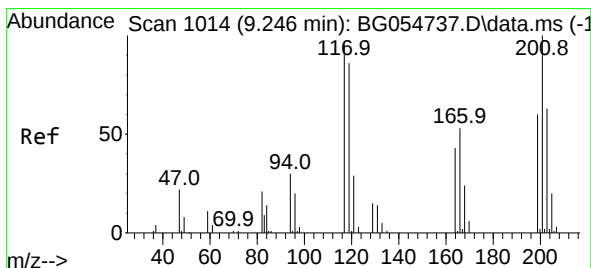
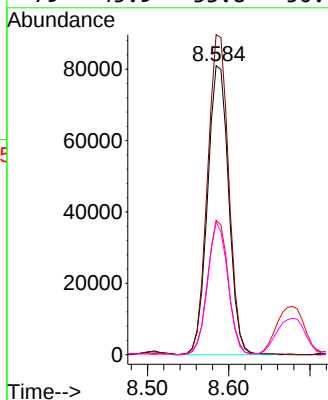
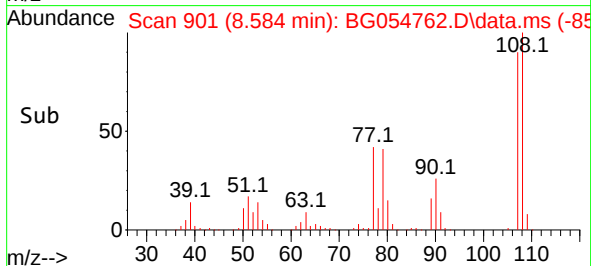


Tgt Ion:107 Resp: 14618
Ion Ratio Lower Upper
107 100
108 110.7 85.6 128.4
77 46.5 35.8 53.8
79 45.9 33.8 50.6

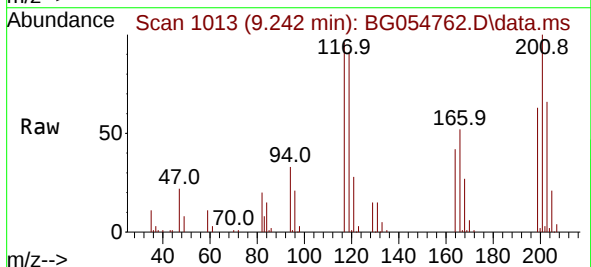
Manual Integrations

APPROVED

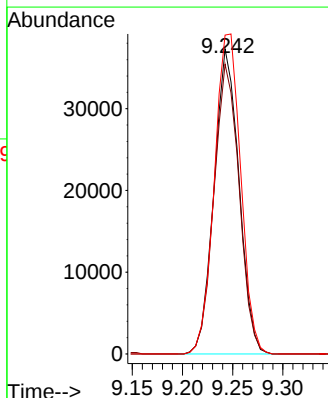
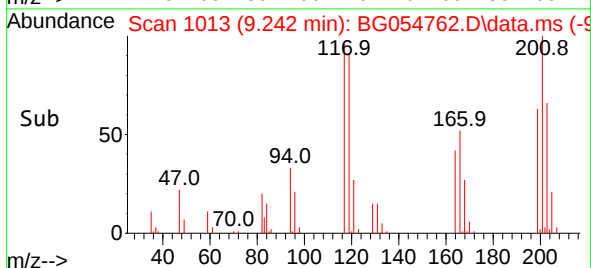
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

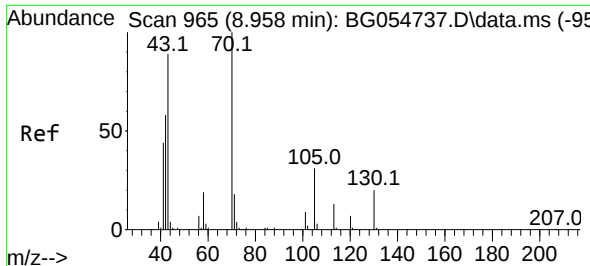


#18
Hexachloroethane
Concen: 48.519 ng
RT: 9.242 min Scan# 1013
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32



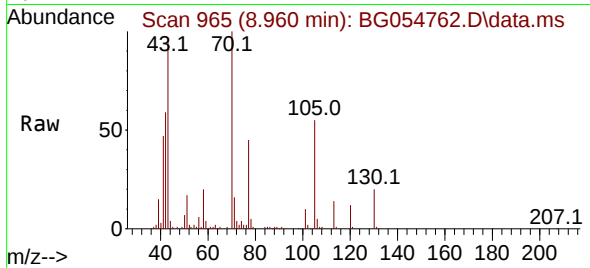
Tgt Ion:117 Resp: 64502
Ion Ratio Lower Upper
117 100
119 95.0 77.0 115.6
201 104.6 87.2 130.8





#19
n-Nitroso-di-n-propylamine
Concen: 48.133 ng
RT: 8.960 min Scan# 90
Delta R.T. 0.002 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

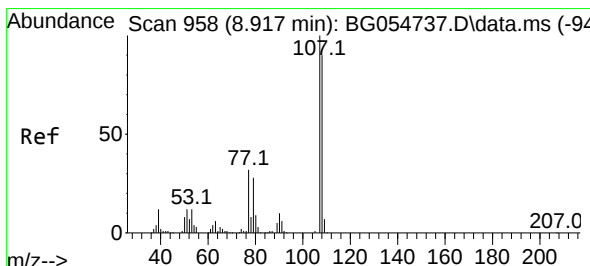
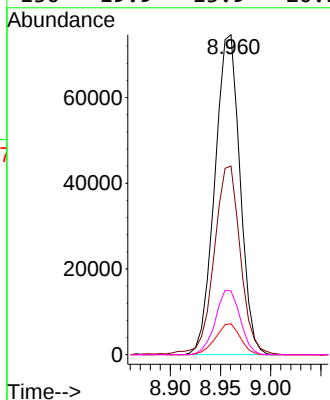
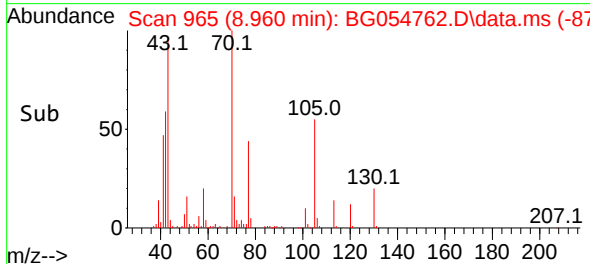
Instrument :
BNA_G
ClientSampleId :
B-1MSD



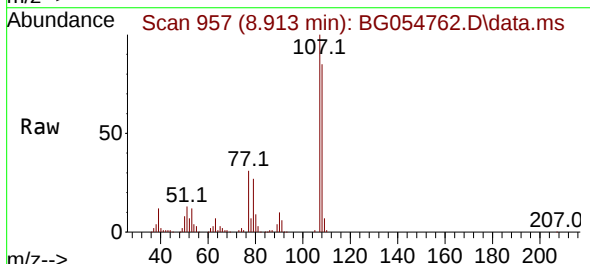
Tgt Ion: 70 Resp: 130128
Ion Ratio Lower Upper
70 100
42 58.9 46.6 69.8
101 9.7 7.7 11.5
130 19.9 13.9 20.9

Manual Integrations
APPROVED

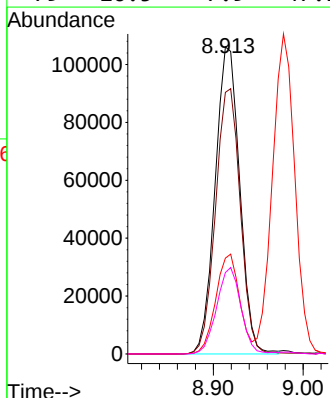
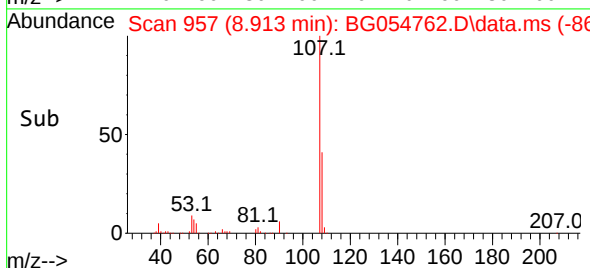
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

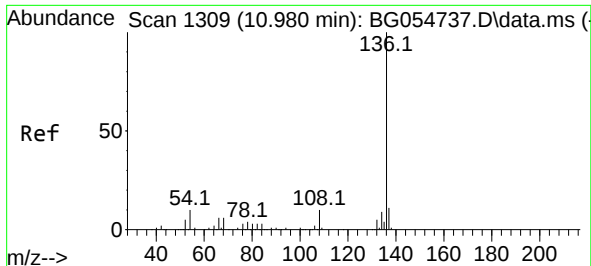


#20
3+4-Methylphenols
Concen: 52.242 ng
RT: 8.913 min Scan# 957
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32



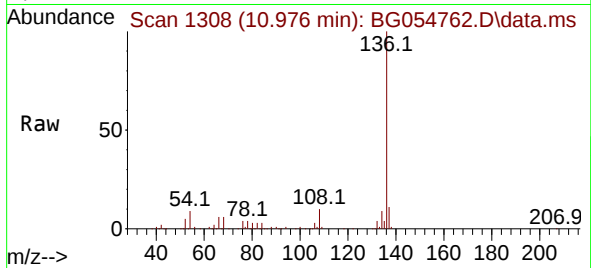
Tgt Ion:107 Resp: 201655
Ion Ratio Lower Upper
107 100
108 85.2 71.6 111.6
77 31.2 13.1 53.1
79 26.5 7.9 47.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.976 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

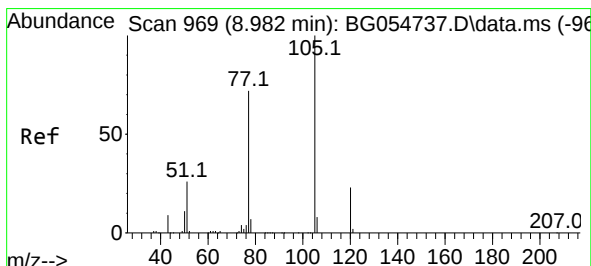
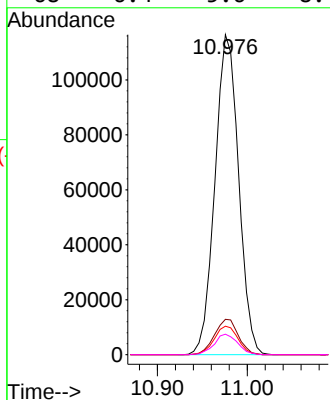
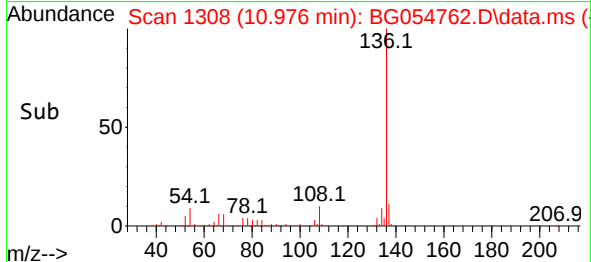
Instrument :
BNA_G
ClientSampleId :
B-1MSD



Tgt Ion:136 Resp: 212780
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 8.9 7.7 11.5
68 6.4 5.6 8.4

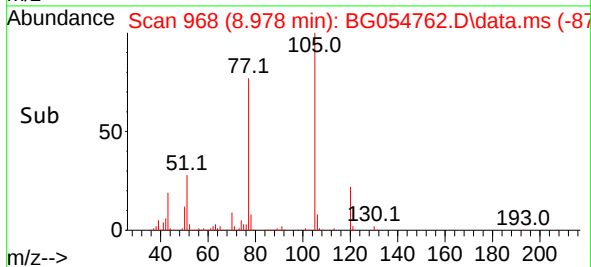
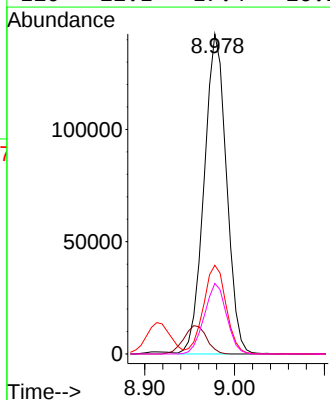
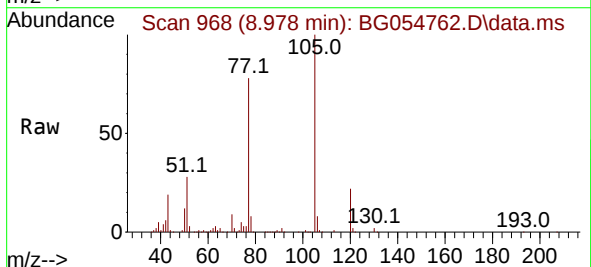
Manual Integrations
APPROVED

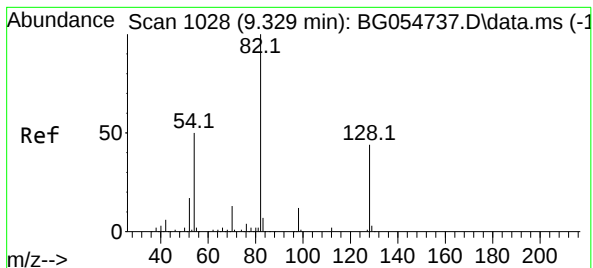
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#22
Acetophenone
Concen: 46.257 ng
RT: 8.978 min Scan# 968
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

Tgt Ion:105 Resp: 246240
Ion Ratio Lower Upper
105 100
71 1.5 1.2 1.8
51 27.7 22.9 34.3
120 22.1 17.4 26.2





#23

Nitrobenzene-d5

Concen: 59.676 ng

RT: 9.325 min Scan# 1027

Delta R.T. -0.004 min

Lab File: BG054762.D

Acq: 26 Aug 2022 19:32

Instrument :

BNA_G

ClientSampleId :

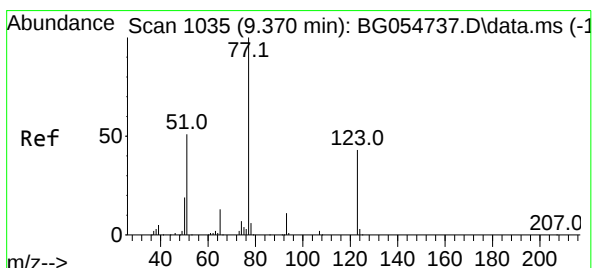
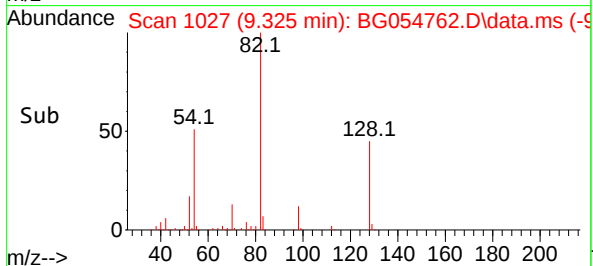
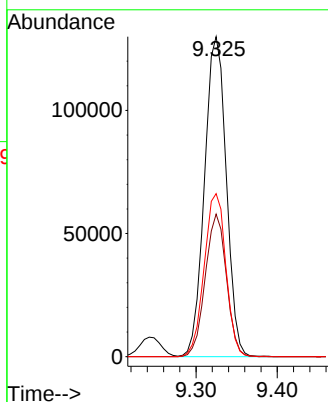
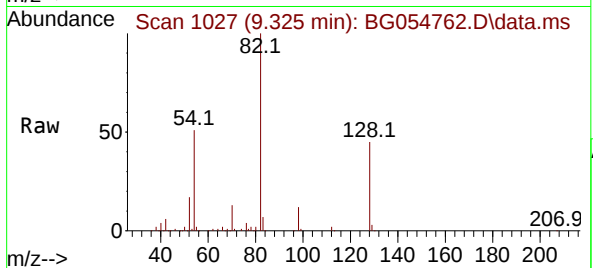
B-1MSD

Tgt Ion: 82 Resp: 24188

Ion	Ratio	Lower	Upper
82	100		
128	44.6	32.2	48.2
54	51.0	41.4	62.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#24

Nitrobenzene

Concen: 45.112 ng

RT: 9.366 min Scan# 1034

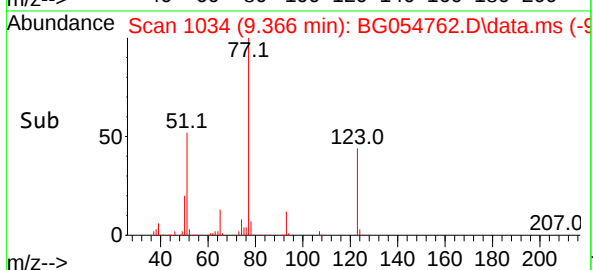
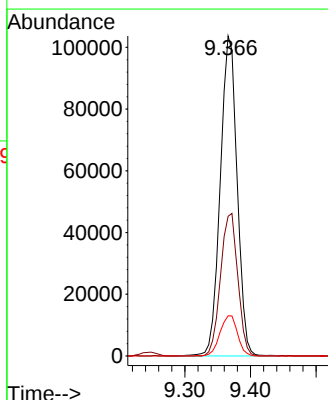
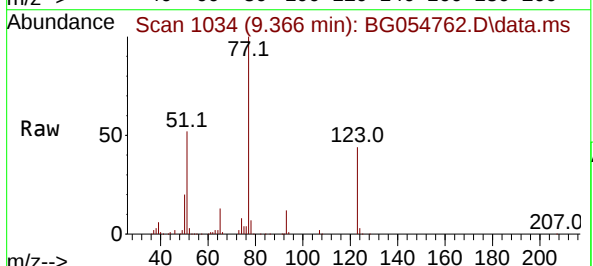
Delta R.T. -0.004 min

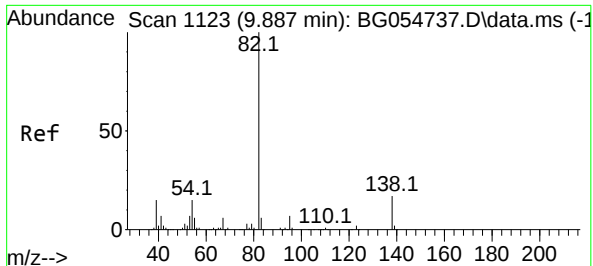
Lab File: BG054762.D

Acq: 26 Aug 2022 19:32

Tgt Ion: 77 Resp: 184299

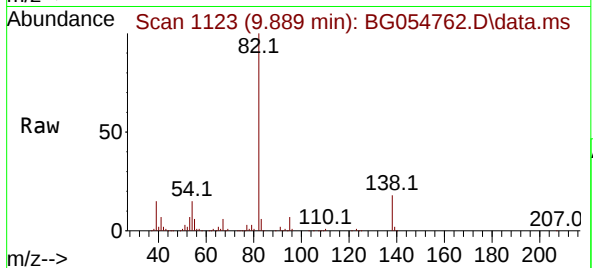
Ion	Ratio	Lower	Upper
77	100		
123	43.6	35.0	52.6
65	12.6	10.2	15.2





#25
Isophorone
Concen: 47.677 ng
RT: 9.889 min Scan# 1123
Delta R.T. 0.002 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

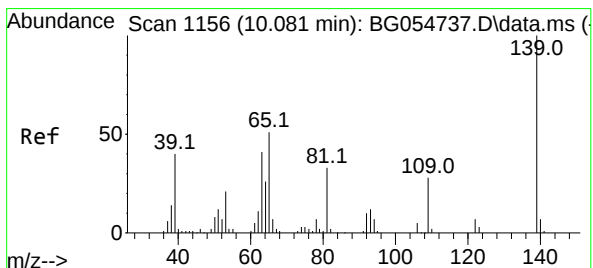
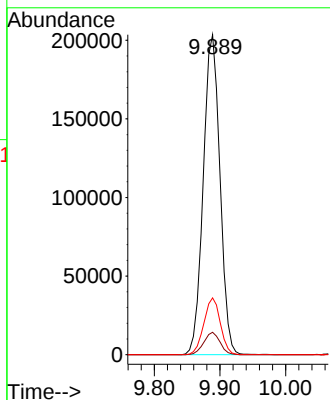
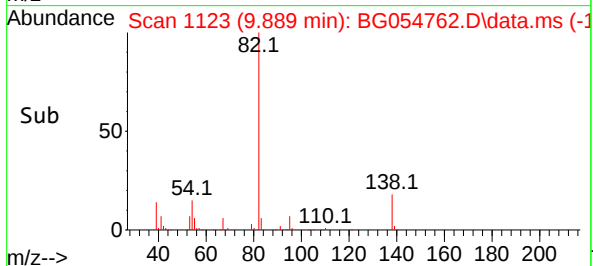
Instrument :
BNA_G
ClientSampleId :
B-1MSD



Tgt Ion: 82 Resp: 360324
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.7 13.9 20.9

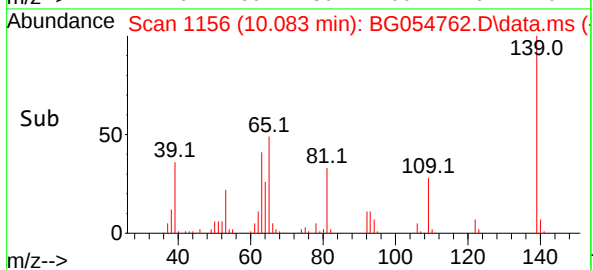
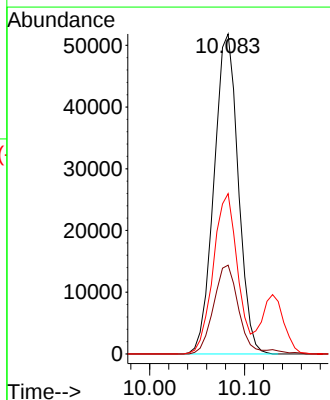
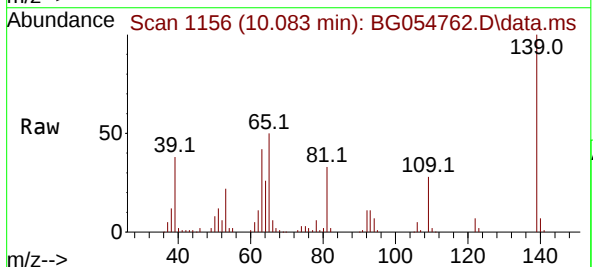
Manual Integrations
APPROVED

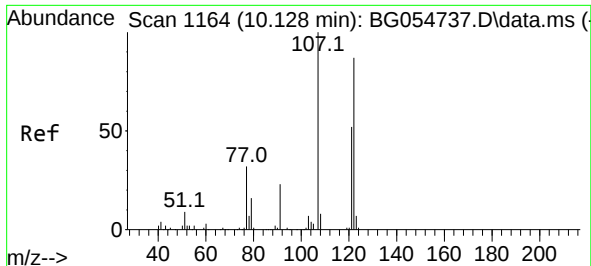
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#26
2-Nitrophenol
Concen: 51.031 ng
RT: 10.083 min Scan# 1156
Delta R.T. 0.002 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

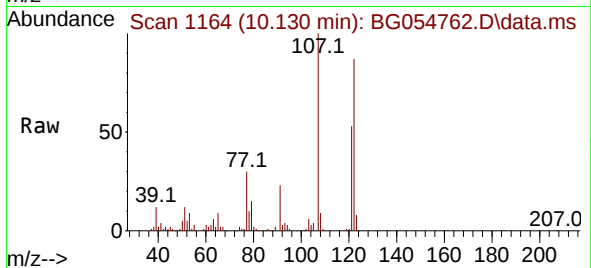
Tgt Ion:139 Resp: 92092
Ion Ratio Lower Upper
139 100
109 27.8 21.8 32.6
65 50.1 37.4 56.0





#27
2,4-Dimethylphenol
Concen: 54.725 ng
RT: 10.130 min Scan# 1164
Delta R.T. 0.002 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

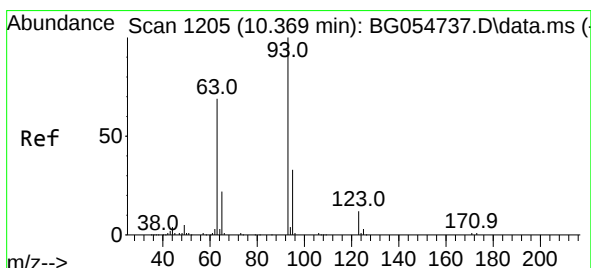
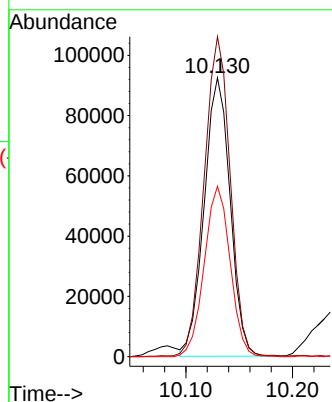
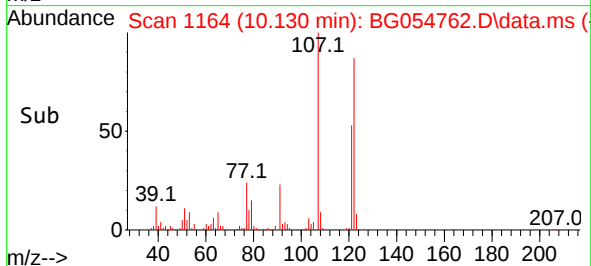
Instrument :
BNA_G
ClientSampleId :
B-1MSD



Tgt Ion:122 Resp: 156479
Ion Ratio Lower Upper
122 100
107 114.7 94.6 142.0
121 61.1 49.8 74.6

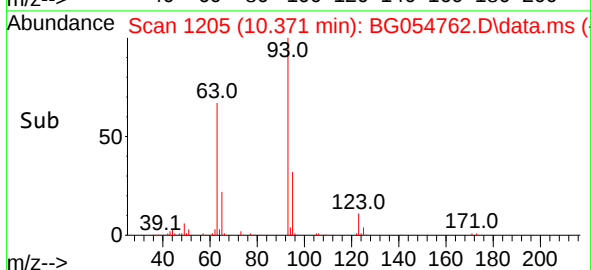
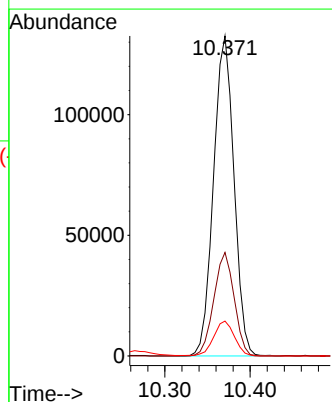
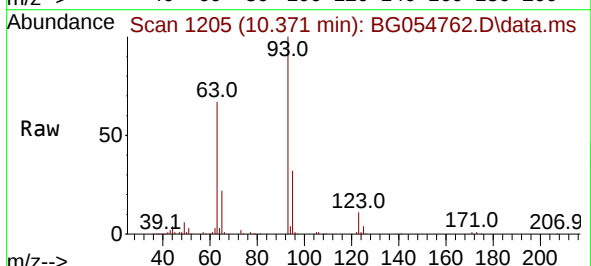
Manual Integrations
APPROVED

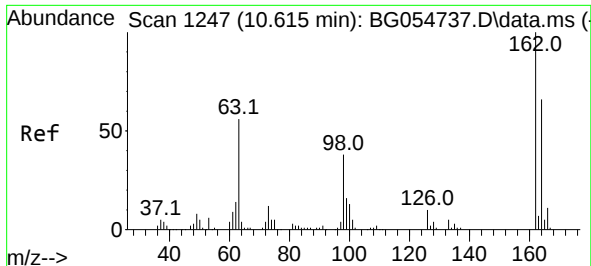
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#28
bis(2-Chloroethoxy)methane
Concen: 51.369 ng
RT: 10.371 min Scan# 1205
Delta R.T. 0.002 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

Tgt Ion: 93 Resp: 221220
Ion Ratio Lower Upper
93 100
95 32.4 26.2 39.2
123 10.9 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 50.324 ng

RT: 10.617 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG054762.D

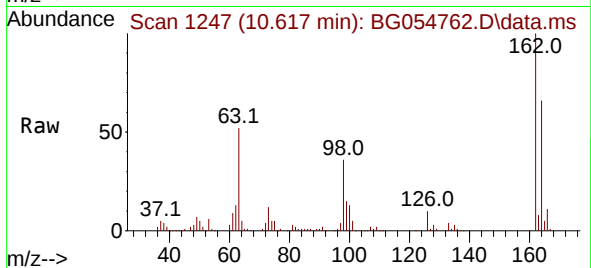
Acq: 26 Aug 2022 19:32

Instrument :

BNA_G

ClientSampleId :

B-1MSD

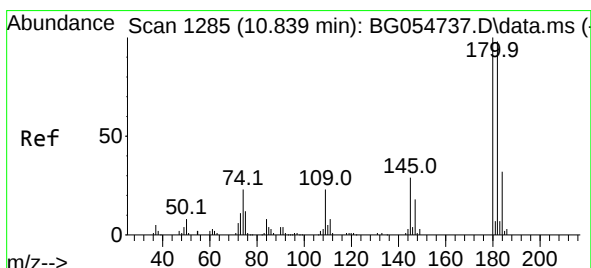
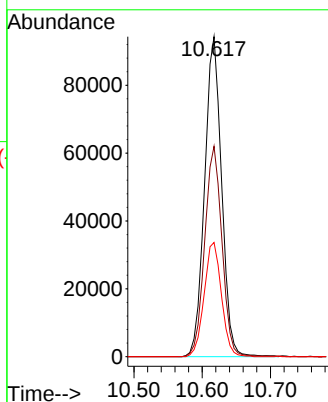
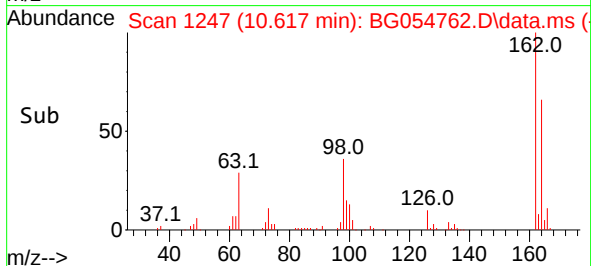


Tgt Ion:	162	Resp:	16366
Ion Ratio	Lower	Upper	
162	100		
164	65.7	47.2	87.2
98	35.7	16.6	56.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.973 ng

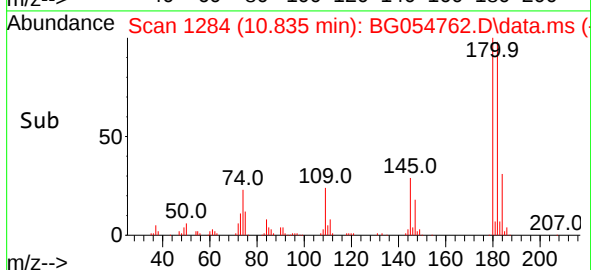
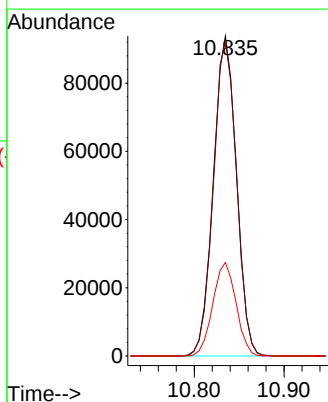
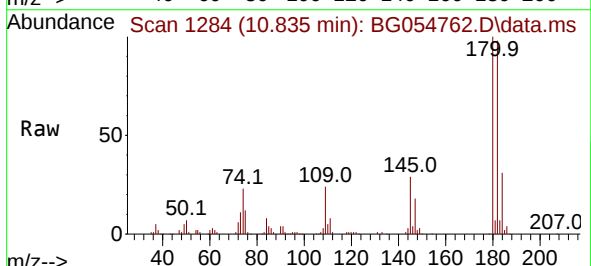
RT: 10.835 min Scan# 1284

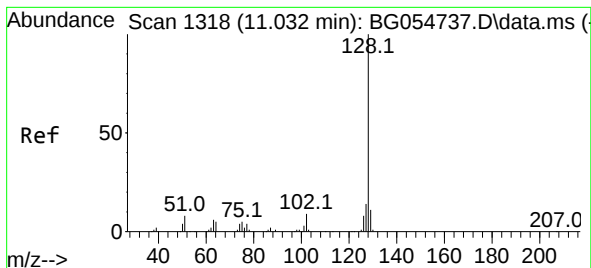
Delta R.T. -0.004 min

Lab File: BG054762.D

Acq: 26 Aug 2022 19:32

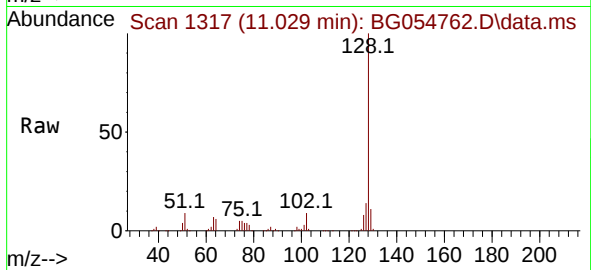
Tgt Ion:	180	Resp:	167145
Ion Ratio	Lower	Upper	
180	100		
182	98.3	77.0	115.6
145	29.2	24.0	36.0





#31
Naphthalene
Concen: 44.844 ng
RT: 11.029 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

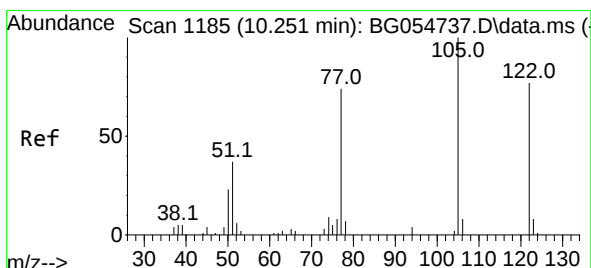
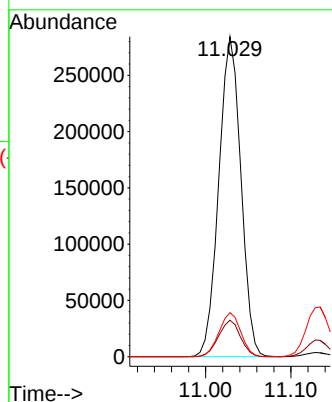
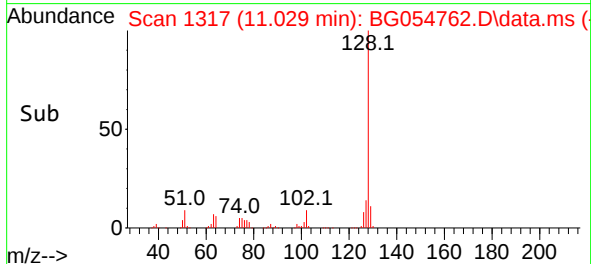
Instrument :
BNA_G
ClientSampleId :
B-1MSD



Tgt Ion:128 Resp: 51194
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.8 11.1 16.7

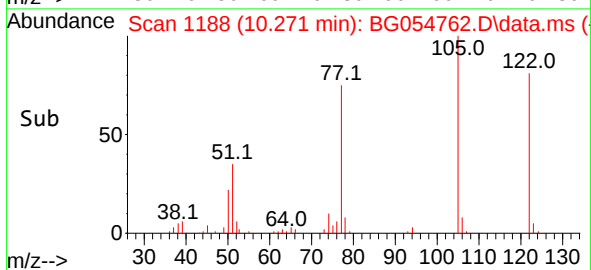
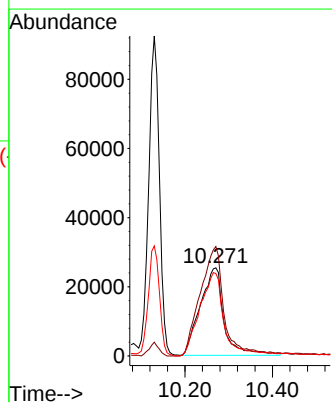
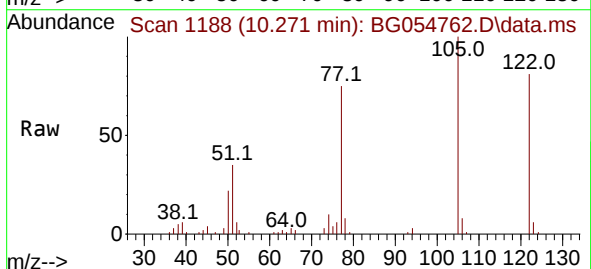
Manual Integrations
APPROVED

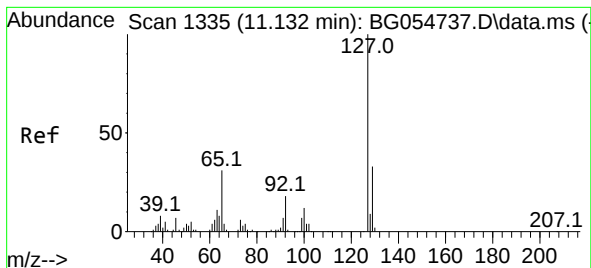
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#32
Benzoic acid
Concen: 47.117 ng
RT: 10.271 min Scan# 1188
Delta R.T. 0.020 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

Tgt Ion:122 Resp: 95833
Ion Ratio Lower Upper
122 100
105 123.9 101.5 141.5
77 93.3 69.3 109.3





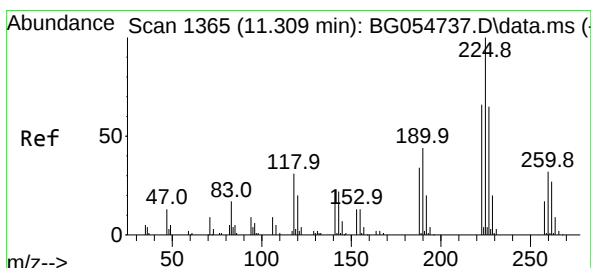
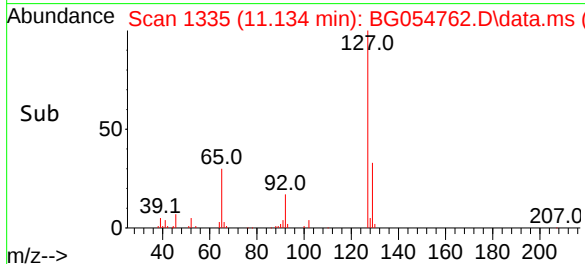
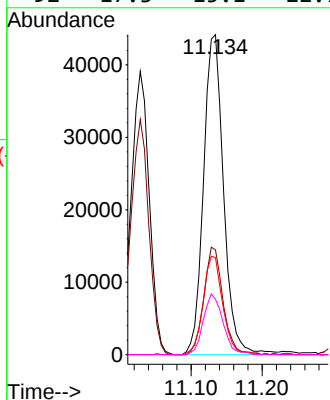
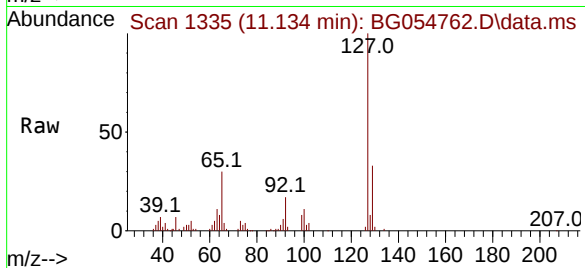
#33
4-Chloroaniline
Concen: 18.696 ng
RT: 11.134 min Scan# 11134
Delta R.T. 0.002 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

Instrument :
BNA_G
ClientSampleId :
B-1MSD

Tgt Ion:	127	Resp:	87014
Ion Ratio	Lower	Upper	
127	100		
129	32.7	26.0	39.0
65	30.4	25.8	38.8
92	17.3	15.1	22.7

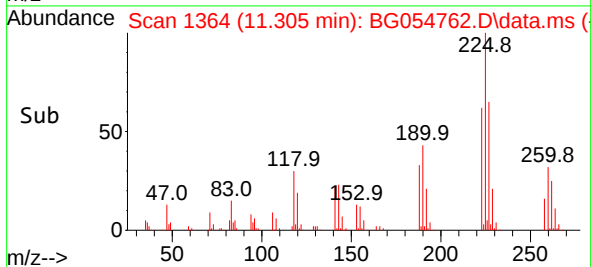
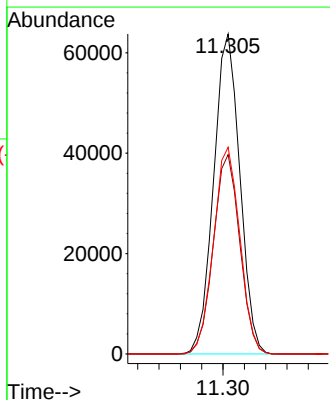
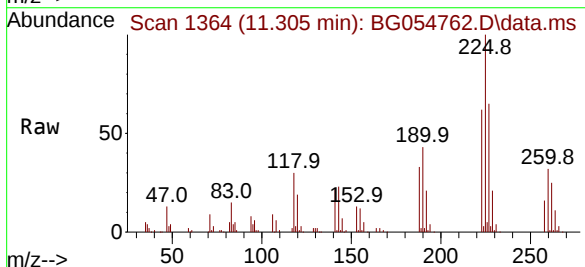
Manual Integrations
APPROVED

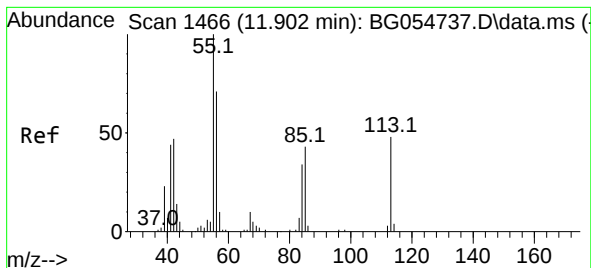
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#34
Hexachlorobutadiene
Concen: 45.685 ng
RT: 11.305 min Scan# 1364
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

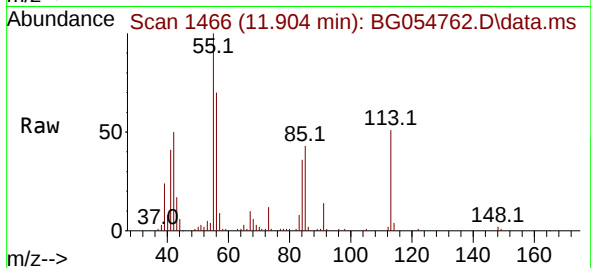
Tgt Ion:	225	Resp:	108785
Ion Ratio	Lower	Upper	
225	100		
223	62.3	51.4	77.0
227	64.6	52.6	79.0





#35
Caprolactam
Concen: 49.600 ng m
RT: 11.904 min Scan# 1466
Delta R.T. 0.002 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

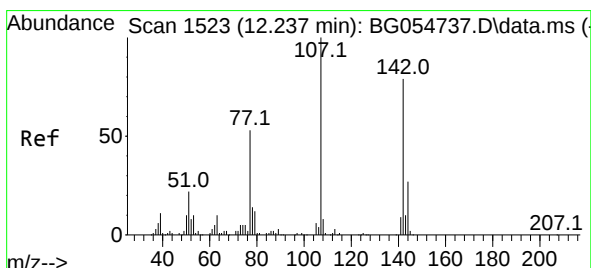
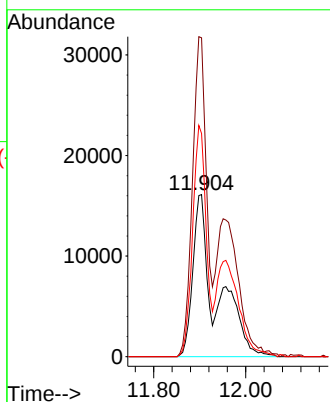
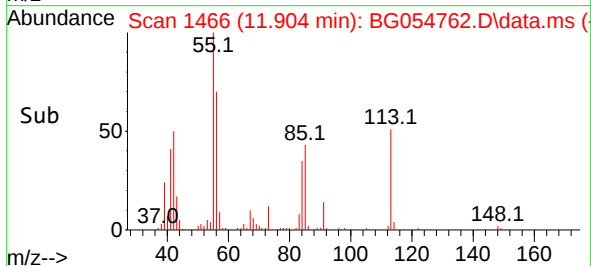
Instrument :
BNA_G
ClientSampleId :
B-1MSD



Tgt Ion:113 Resp: 56909
Ion Ratio Lower Upper
113 100
55 196.7 179.1 219.1
56 137.7 120.8 160.8

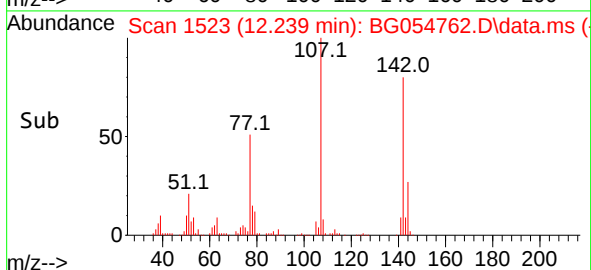
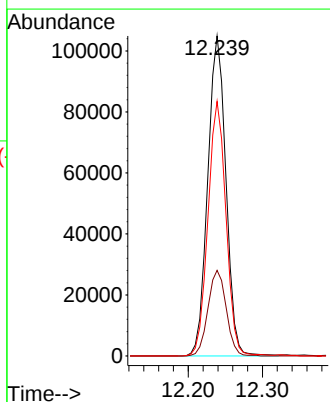
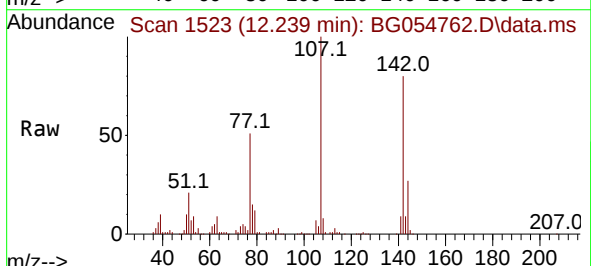
Manual Integrations
APPROVED

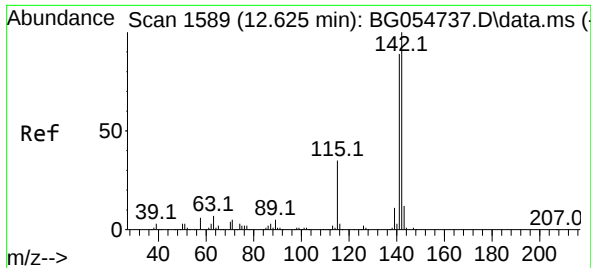
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#36
4-Chloro-3-methylphenol
Concen: 50.335 ng
RT: 12.239 min Scan# 1523
Delta R.T. 0.002 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

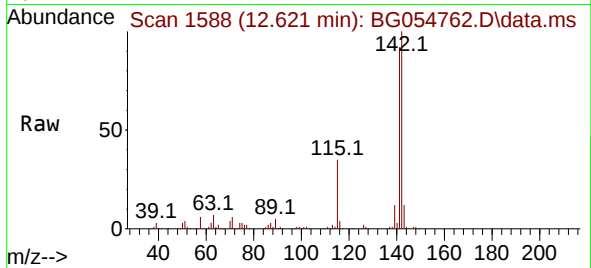
Tgt Ion:107 Resp: 179011
Ion Ratio Lower Upper
107 100
144 26.7 22.4 33.6
142 79.6 65.8 98.8





#37
2-Methylnaphthalene
Concen: 45.415 ng
RT: 12.621 min Scan# 1589
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

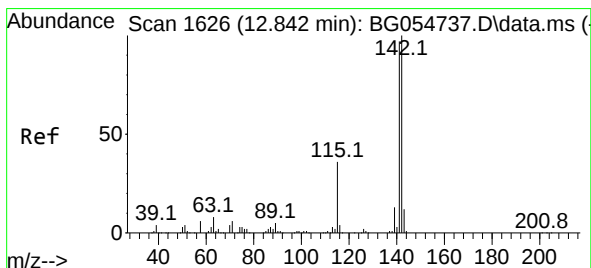
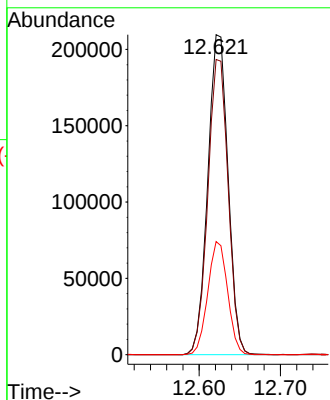
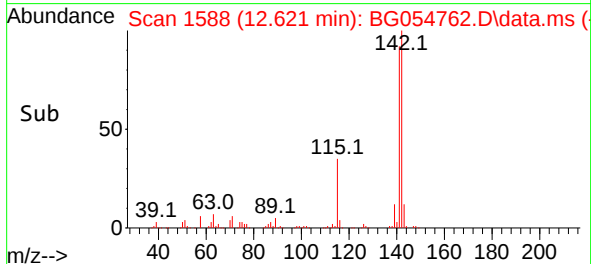
Instrument :
BNA_G
ClientSampleId :
B-1MSD



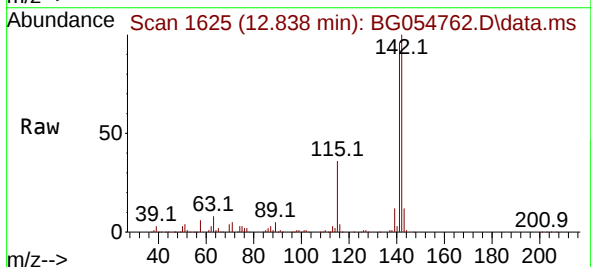
Tgt Ion:142 Resp: 363380
Ion Ratio Lower Upper
142 100
141 92.2 73.0 109.4
115 35.3 27.3 40.9

Manual Integrations
APPROVED

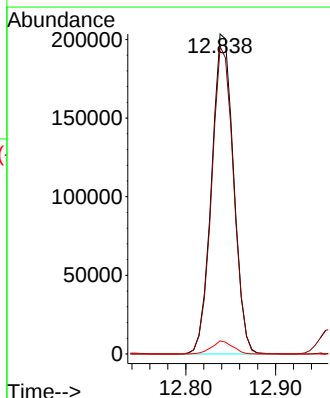
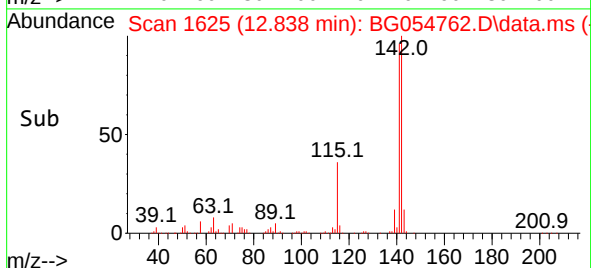
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

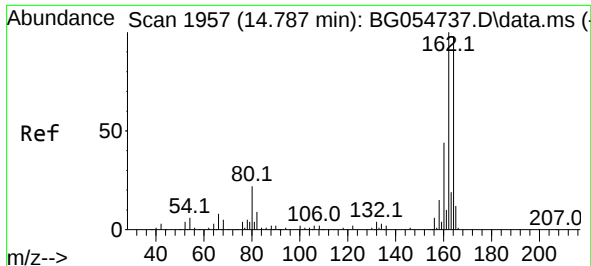


#38
1-Methylnaphthalene
Concen: 44.533 ng
RT: 12.838 min Scan# 1625
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32



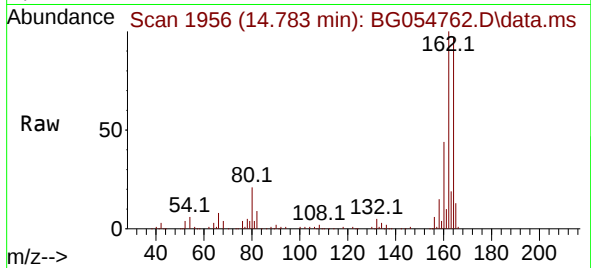
Tgt Ion:142 Resp: 346681
Ion Ratio Lower Upper
142 100
141 96.0 77.4 116.0
116 4.1 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.783 min Scan# 1957
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

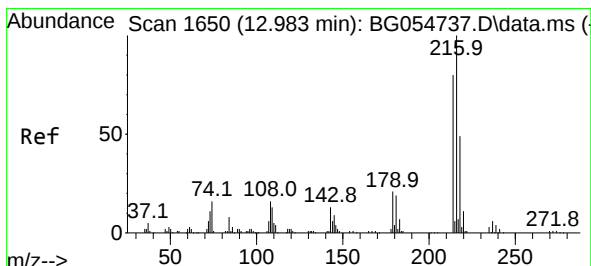
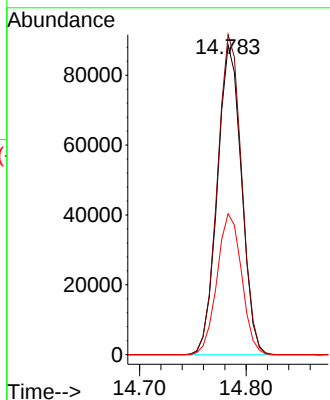
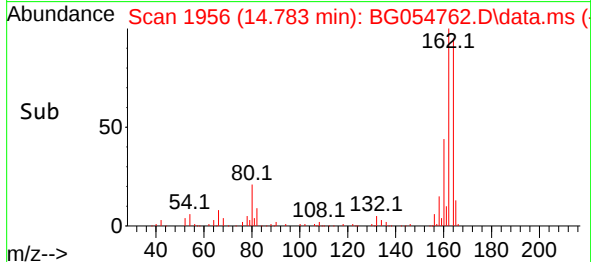
Instrument :
BNA_G
ClientSampleId :
B-1MSD



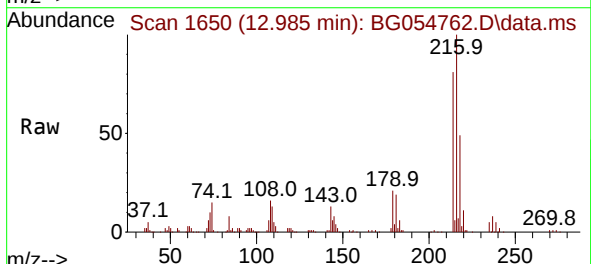
Tgt Ion:164 Resp: 139000
Ion Ratio Lower Upper
164 100
162 103.3 83.0 124.4
160 45.5 38.0 57.0

Manual Integrations
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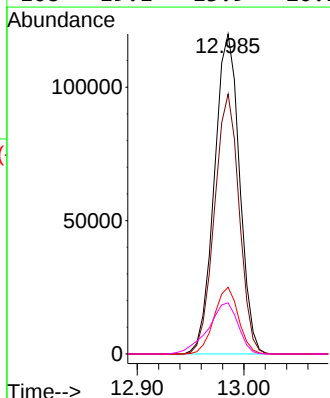
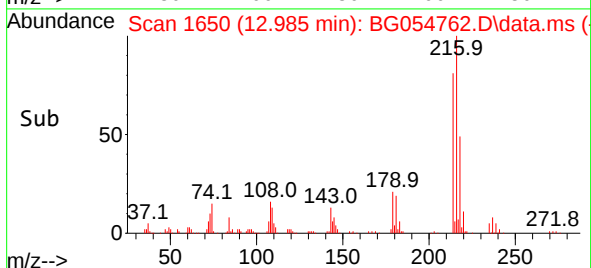
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.876 ng
RT: 12.985 min Scan# 1650
Delta R.T. 0.002 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32



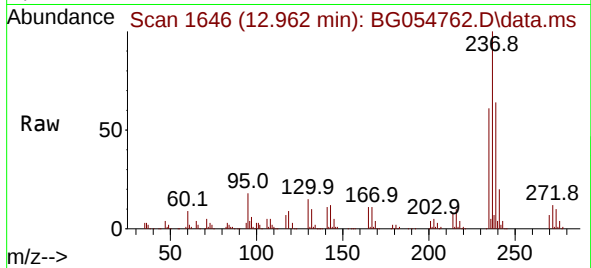
Tgt Ion:216 Resp: 196420
Ion Ratio Lower Upper
216 100
214 79.6 63.2 94.8
179 20.2 16.5 24.7
108 19.1 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 103.541 ng
RT: 12.962 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

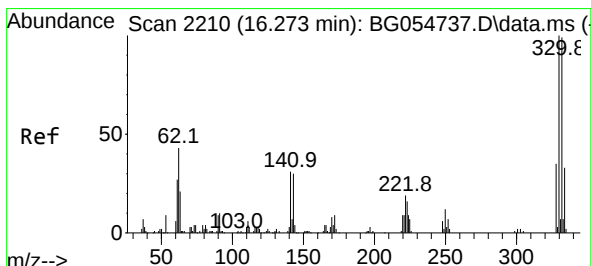
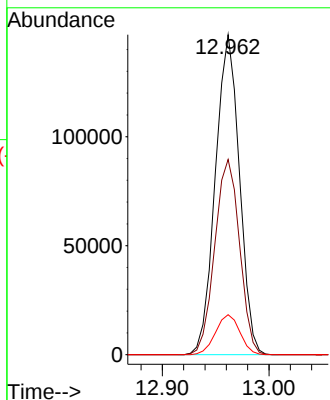
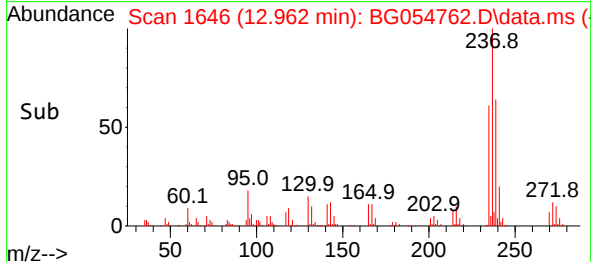
Instrument :
BNA_G
ClientSampleId :
B-1MSD



Tgt Ion: 237 Resp: 23008
Ion Ratio Lower Upper
237 100
235 61.0 42.2 82.2
272 12.5 0.0 34.0

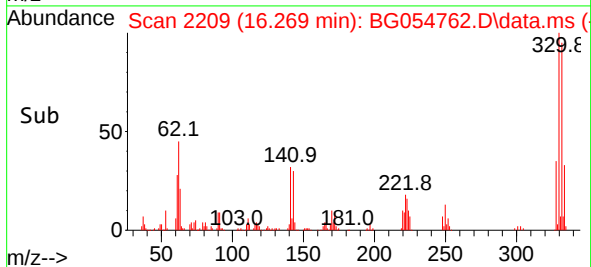
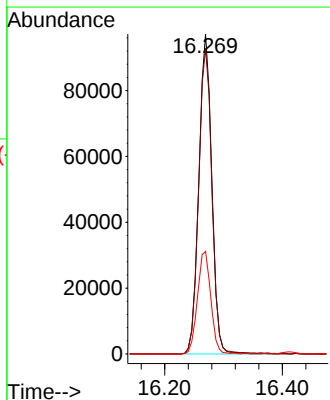
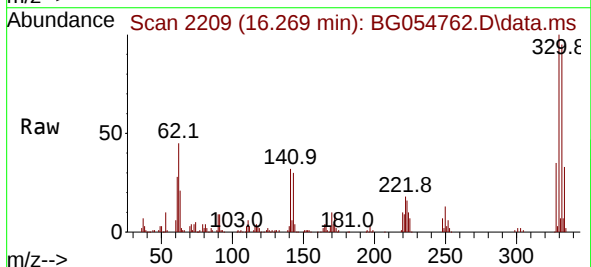
Manual Integrations
APPROVED

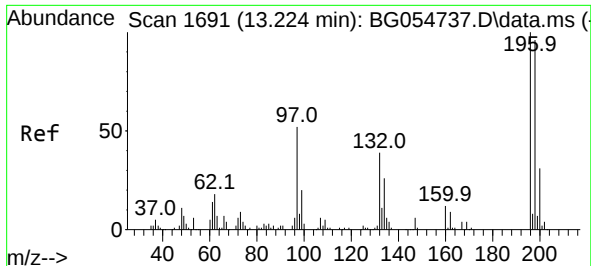
Reviewed By : Christian Giraldo 08/29/2022
Supervised By : Jagrut Upadhyay 08/29/2022



#42
2,4,6-Tribromophenol
Concen: 85.706 ng
RT: 16.269 min Scan# 2209
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

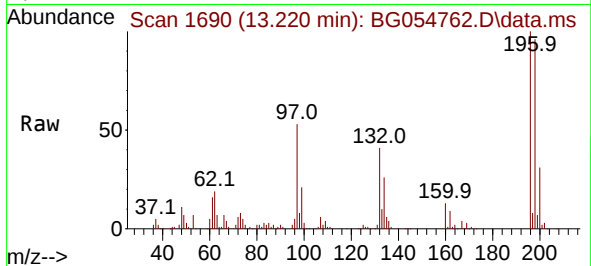
Tgt Ion: 330 Resp: 148865
Ion Ratio Lower Upper
330 100
332 97.1 79.8 119.6
141 32.9 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 49.120 ng
RT: 13.220 min Scan# 1702
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

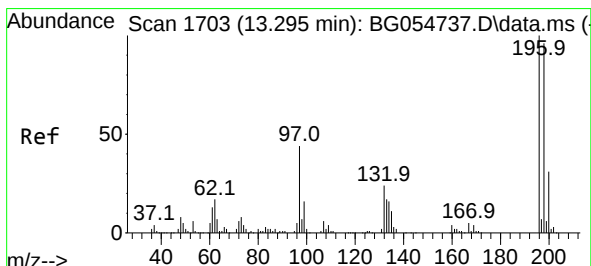
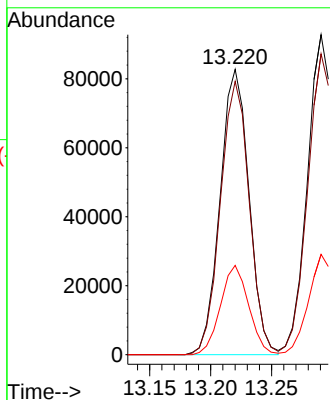
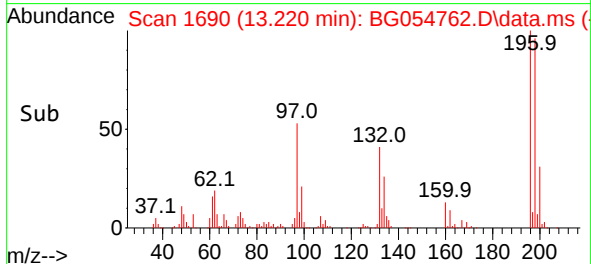
Instrument :
BNA_G
ClientSampleId :
B-1MSD



Tgt Ion:196 Resp: 136614
Ion Ratio Lower Upper
196 100
198 95.8 77.1 115.7
200 31.3 24.2 36.4

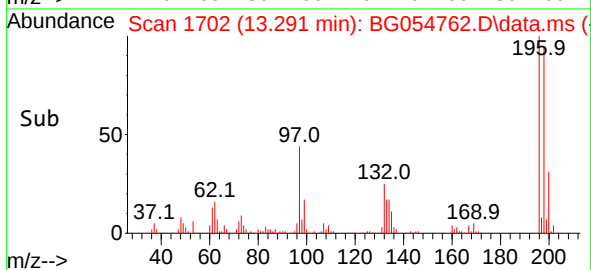
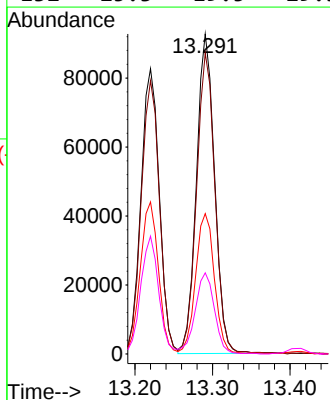
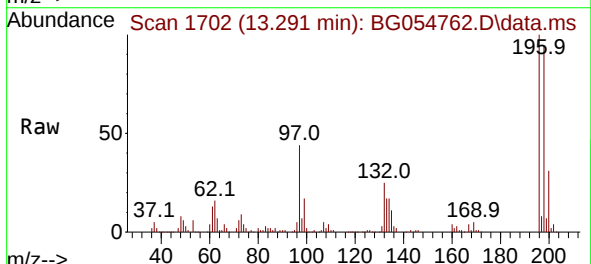
Manual Integrations
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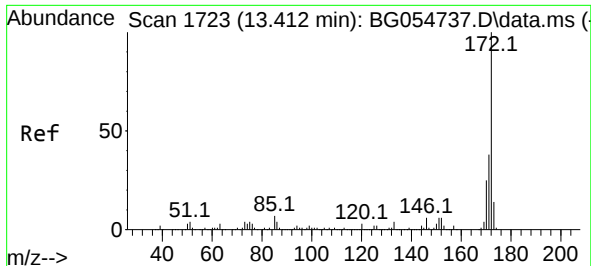
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#44
2,4,5-Trichlorophenol
Concen: 48.364 ng
RT: 13.291 min Scan# 1702
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

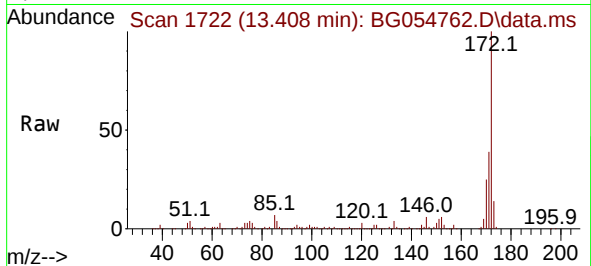
Tgt Ion:196 Resp: 151061
Ion Ratio Lower Upper
196 100
198 94.0 76.7 115.1
97 43.8 36.6 55.0
132 25.3 19.5 29.3





#45
2-Fluorobiphenyl
Concen: 61.374 ng
RT: 13.408 min Scan# 1722
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

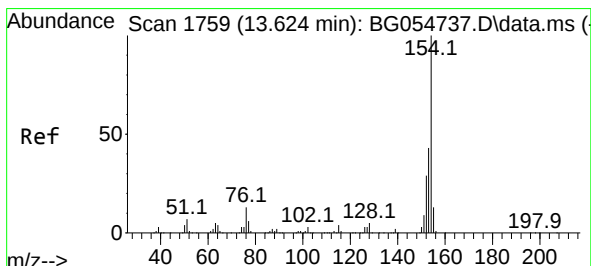
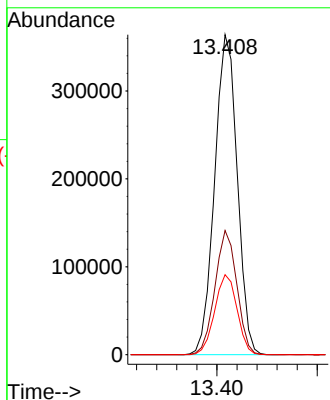
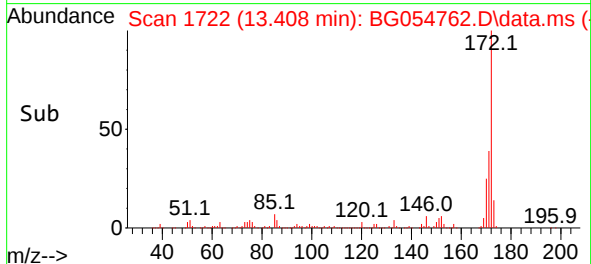
Instrument :
BNA_G
ClientSampleId :
B-1MSD



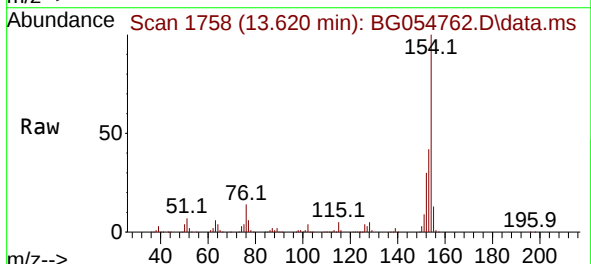
Tgt Ion:172 Resp: 56760
Ion Ratio Lower Upper
172 100
171 38.8 31.2 46.8
170 25.0 20.6 30.8

Manual Integrations
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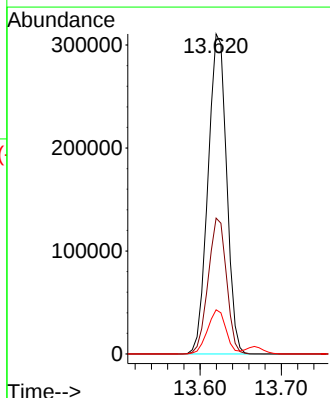
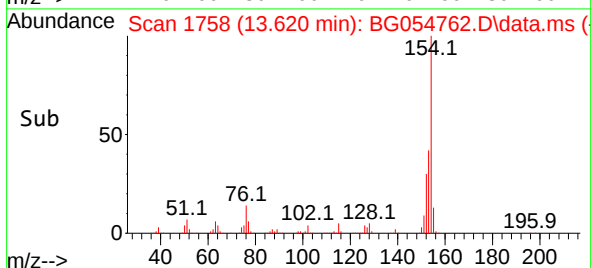
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

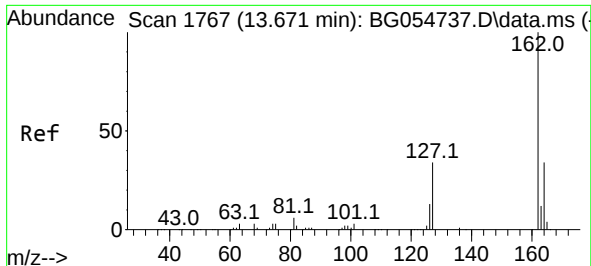


#46
1,1'-Biphenyl
Concen: 47.694 ng
RT: 13.620 min Scan# 1758
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32



Tgt Ion:154 Resp: 492321
Ion Ratio Lower Upper
154 100
153 42.5 22.2 62.2
76 13.8 0.0 34.0





#47

2-Chloronaphthalene

Concen: 46.302 ng

RT: 13.667 min Scan# 1767

Delta R.T. -0.004 min

Lab File: BG054762.D

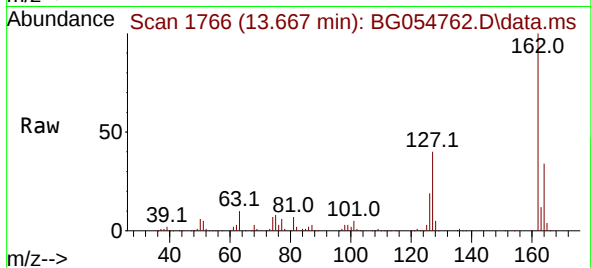
Acq: 26 Aug 2022 19:32

Instrument :

BNA_G

ClientSampleId :

B-1MSD



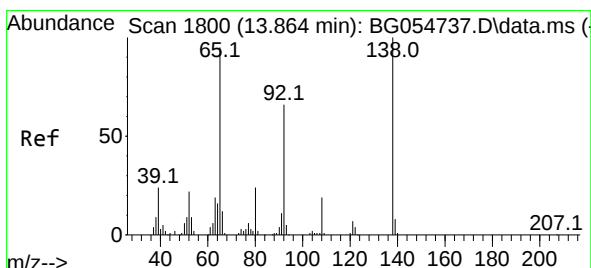
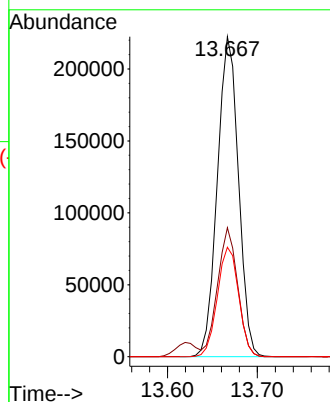
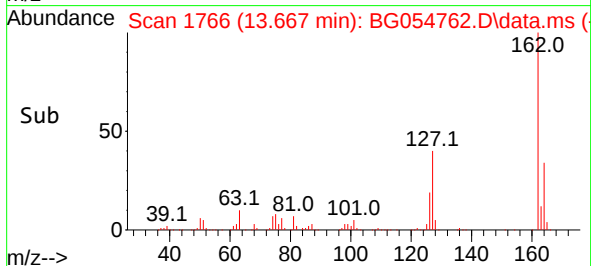
Tgt Ion:	162	Resp:	362978
Ion Ratio	Lower	Upper	
162	100		
127	40.3	31.5	47.3
164	34.2	27.8	41.6

Manual Integrations

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Reviewed By :Christian Giraldo 08/29/2022

Supervised By :Jagrut Upadhyay 08/29/2022



#48

2-Nitroaniline

Concen: 48.073 ng

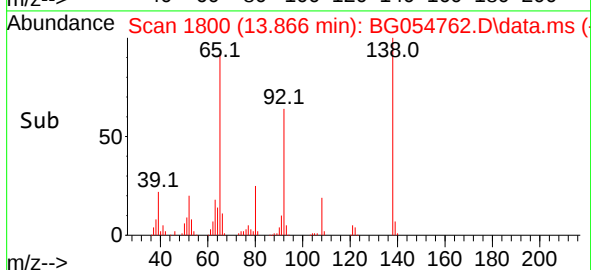
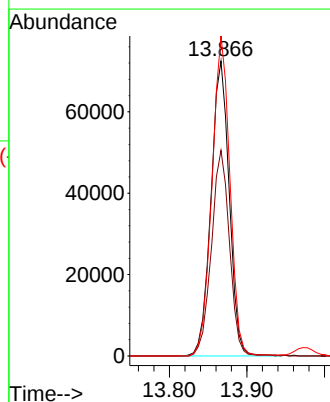
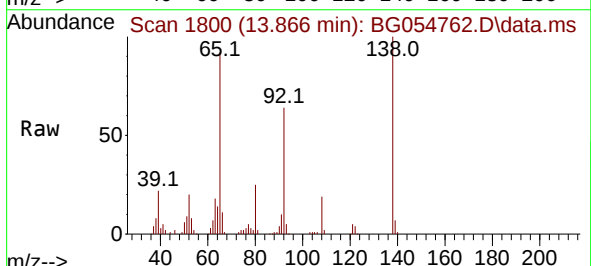
RT: 13.866 min Scan# 1800

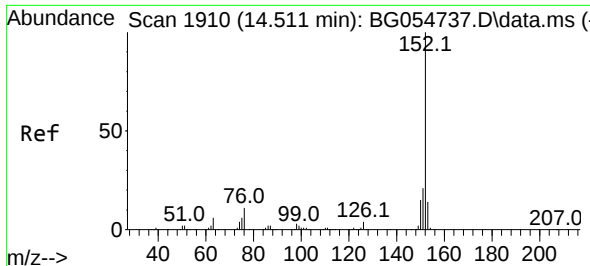
Delta R.T. 0.002 min

Lab File: BG054762.D

Acq: 26 Aug 2022 19:32

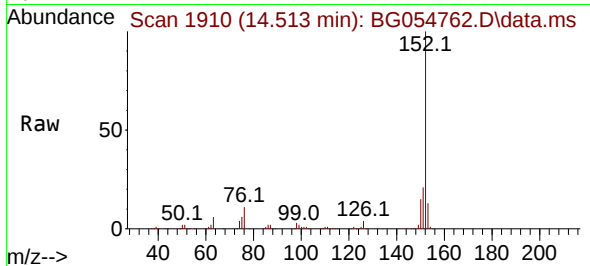
Tgt Ion:	65	Resp:	118109
Ion Ratio	Lower	Upper	
65	100		
92	69.7	54.7	82.1
138	108.5	84.1	126.1





#49
Acenaphthylene
Concen: 46.460 ng
RT: 14.513 min Scan# 1910
Delta R.T. 0.002 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

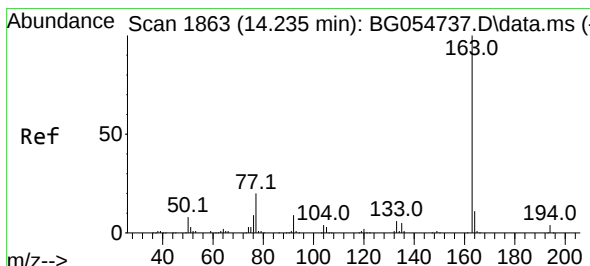
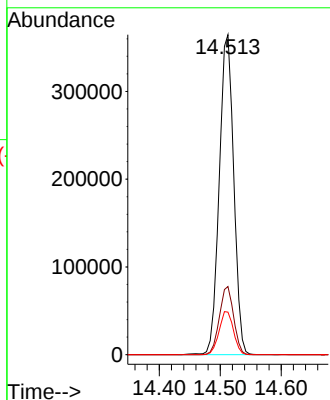
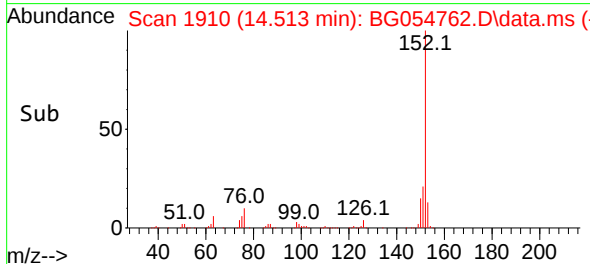
Instrument :
BNA_G
ClientSampleId :
B-1MSD



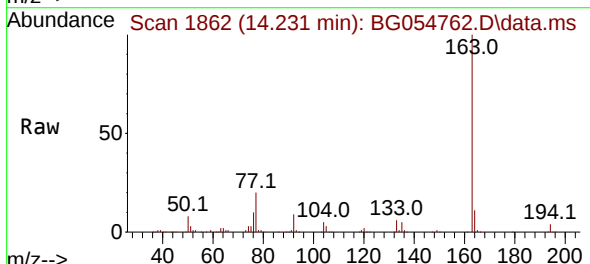
Tgt Ion:152 Resp: 60103
Ion Ratio Lower Upper
152 100
151 21.3 17.3 25.9
153 13.3 10.8 16.2

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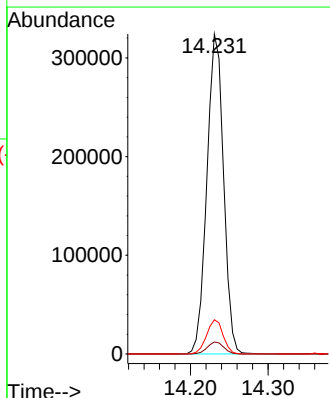
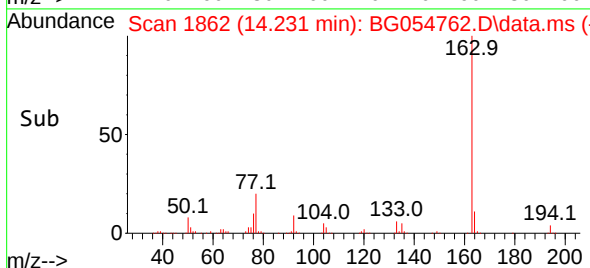
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

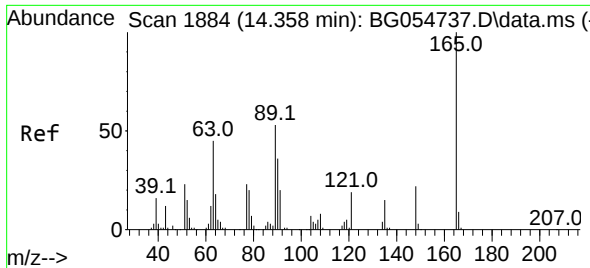


#50
Dimethylphthalate
Concen: 45.253 ng
RT: 14.231 min Scan# 1862
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32



Tgt Ion:163 Resp: 484614
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.7 8.0 12.0





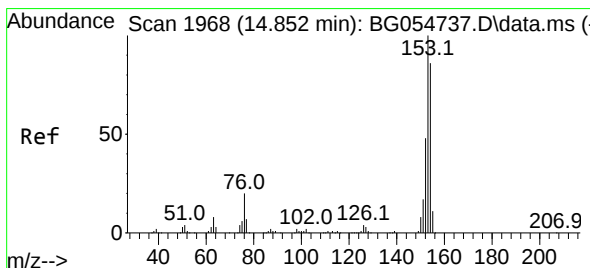
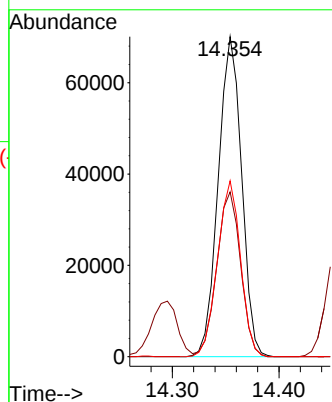
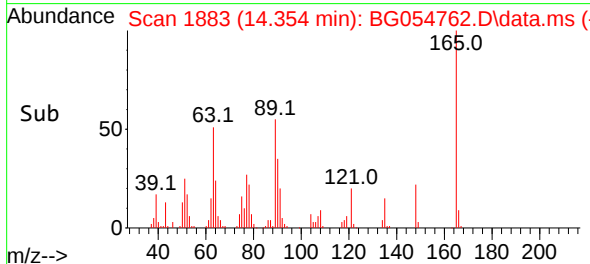
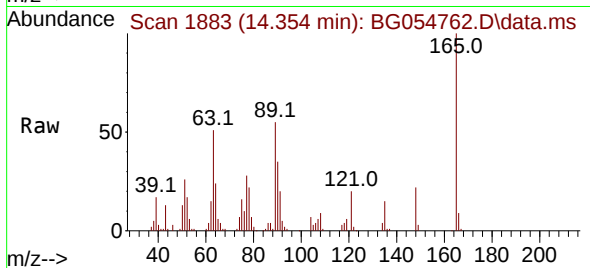
#51
2,6-Dinitrotoluene
Concen: 48.670 ng
RT: 14.354 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

Instrument :
BNA_G
ClientSampleId :
B-1MSD

Tgt Ion:165 Resp: 10660
Ion Ratio Lower Upper
165 100
63 51.5 46.0 69.0
89 55.0 50.3 75.5

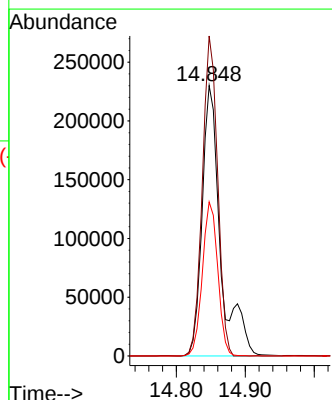
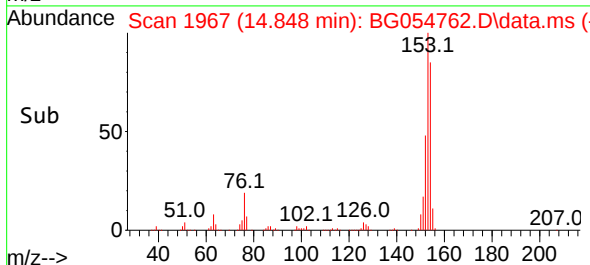
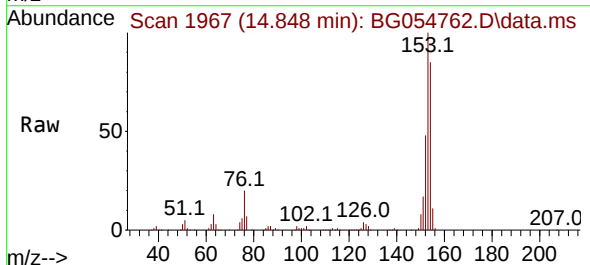
Manual Integrations
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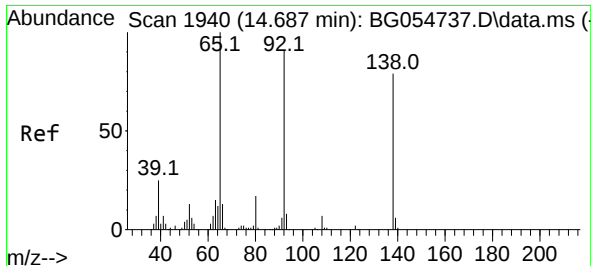
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#52
Acenaphthene
Concen: 51.407 ng m
RT: 14.848 min Scan# 1967
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

Tgt Ion:154 Resp: 427185
Ion Ratio Lower Upper
154 100
153 118.3 92.8 139.2
152 57.0 45.4 68.2





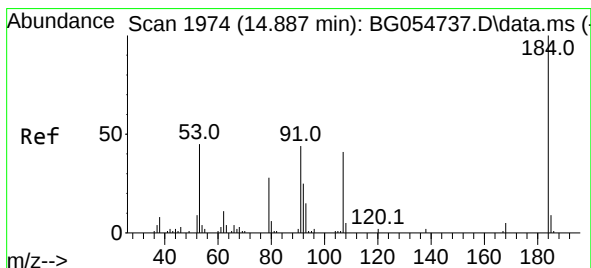
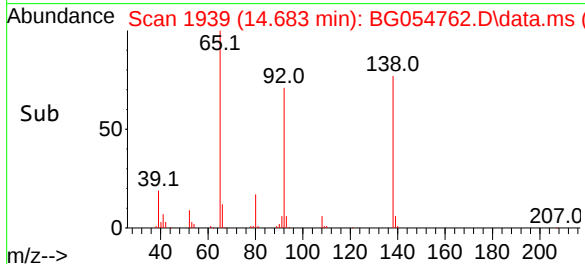
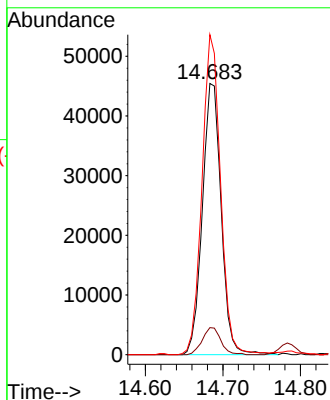
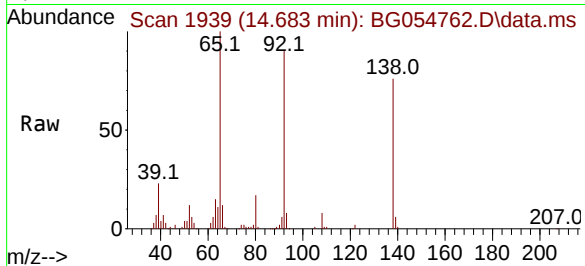
#53
3-Nitroaniline
Concen: 31.236 ng
RT: 14.683 min Scan# 1939
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

Instrument :
BNA_G
ClientSampleId :
B-1MSD

Tgt Ion:138 Resp: 7659
Ion Ratio Lower Upper
138 100
108 10.0 7.6 11.4
92 118.0 96.0 144.0

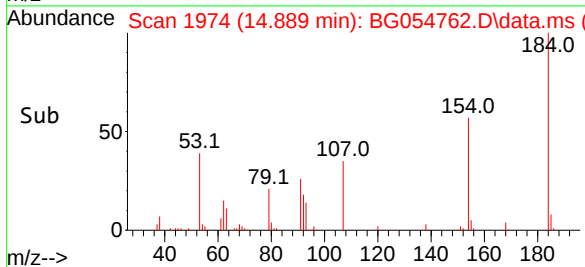
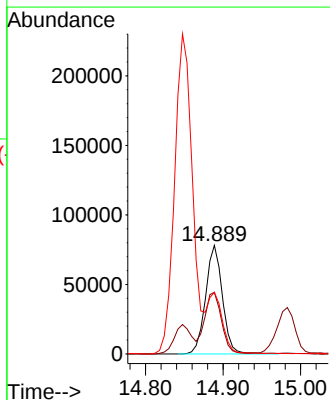
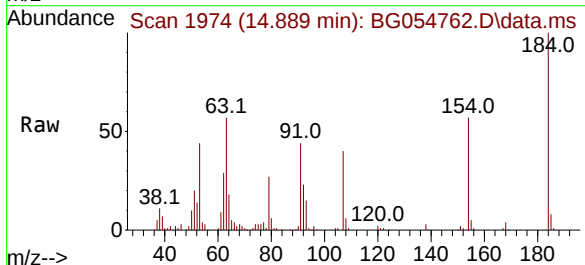
Manual Integrations
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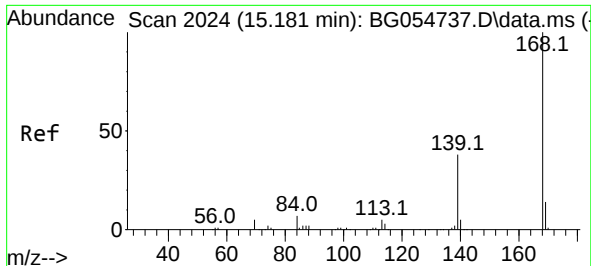
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#54
2,4-Dinitrophenol
Concen: 94.116 ng
RT: 14.889 min Scan# 1974
Delta R.T. 0.002 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

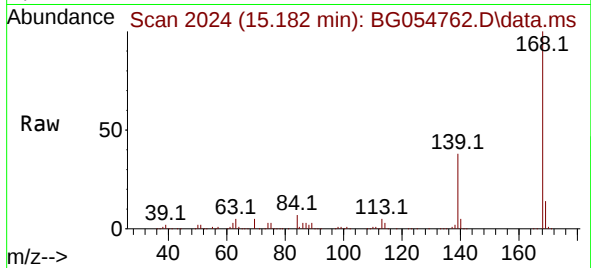
Tgt Ion:184 Resp: 117938
Ion Ratio Lower Upper
184 100
63 56.7 41.8 62.8
154 56.8 45.2 67.8





#55
Dibenzenofuran
Concen: 45.889 ng
RT: 15.182 min Scan# 20
Delta R.T. 0.002 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

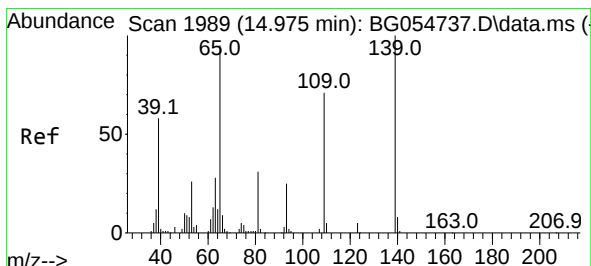
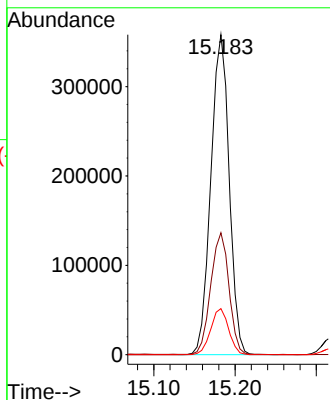
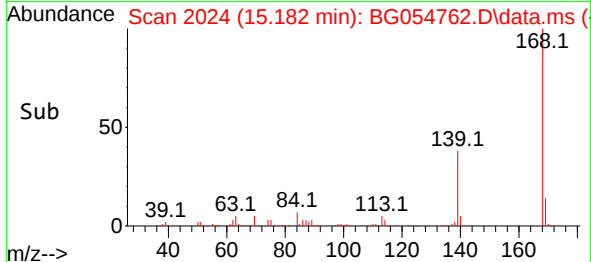
Instrument :
BNA_G
ClientSampleId :
B-1MSD



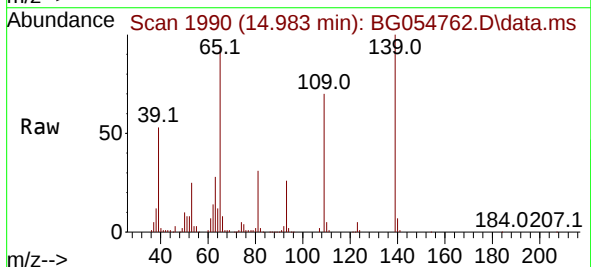
Tgt Ion:168 Resp: 56032
Ion Ratio Lower Upper
168 100
139 38.1 30.2 45.2
169 14.4 11.3 16.9

Manual Integrations
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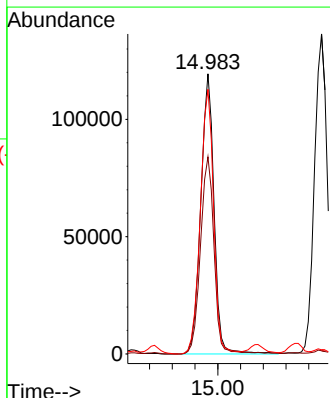
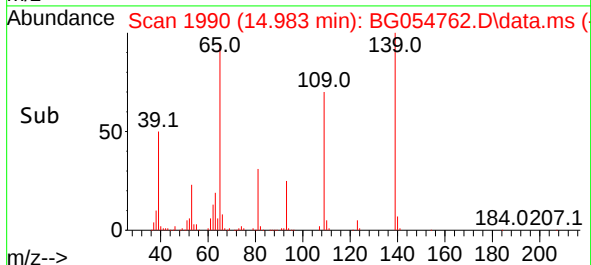
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

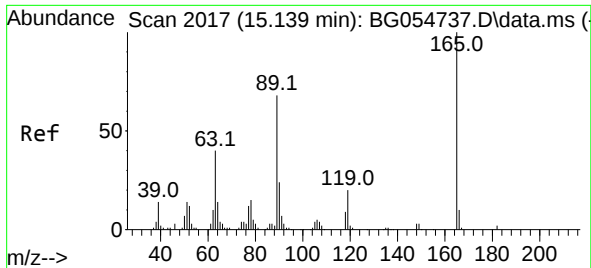


#56
4-Nitrophenol
Concen: 101.785 ng
RT: 14.983 min Scan# 1990
Delta R.T. 0.008 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32



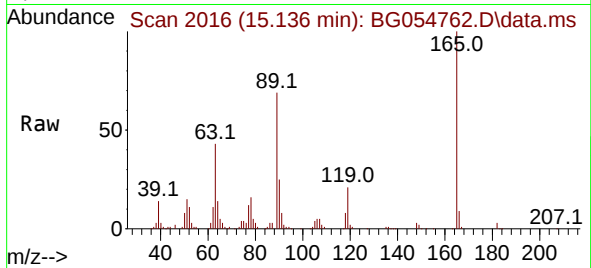
Tgt Ion:139 Resp: 193140
Ion Ratio Lower Upper
139 100
109 70.3 50.5 90.5
65 94.4 79.9 119.9





#57
2,4-Dinitrotoluene
Concen: 49.073 ng
RT: 15.136 min Scan# 2017
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

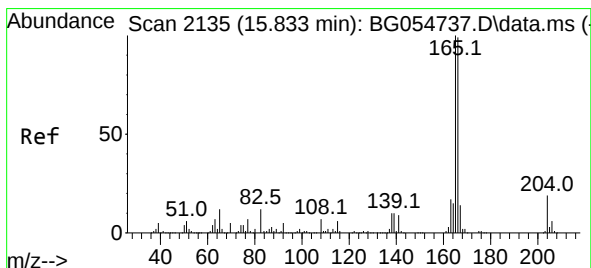
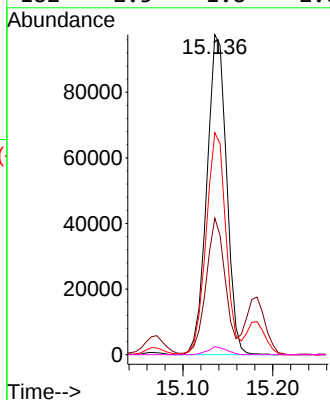
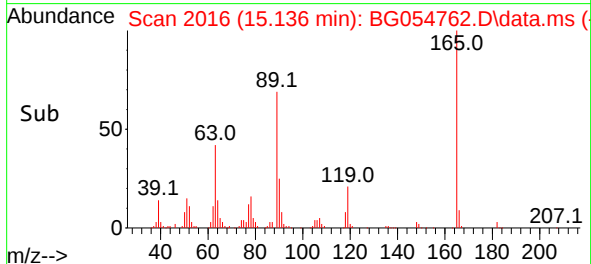
Instrument :
BNA_G
ClientSampleId :
B-1MSD



Tgt Ion:165 Resp: 148670
Ion Ratio Lower Upper
165 100
63 42.7 36.8 55.2
89 69.4 64.3 96.5
182 2.5 1.8 2.6

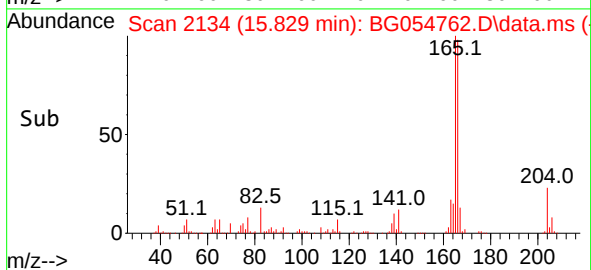
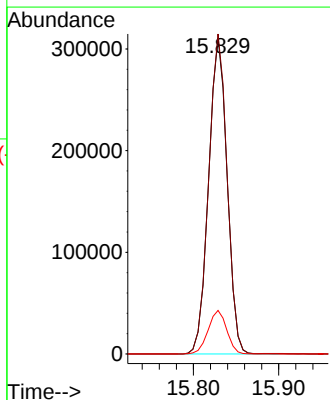
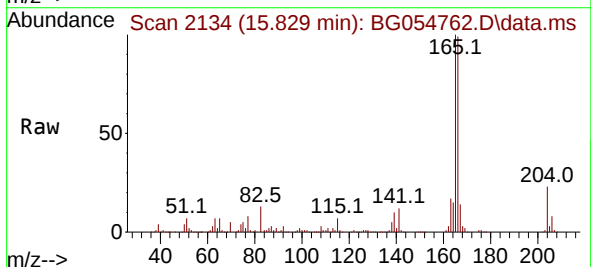
Manual Integrations
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Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#58
Fluorene
Concen: 45.643 ng
RT: 15.829 min Scan# 2134
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

Tgt Ion:166 Resp: 469507
Ion Ratio Lower Upper
166 100
165 101.2 80.8 121.2
167 13.8 11.4 17.0





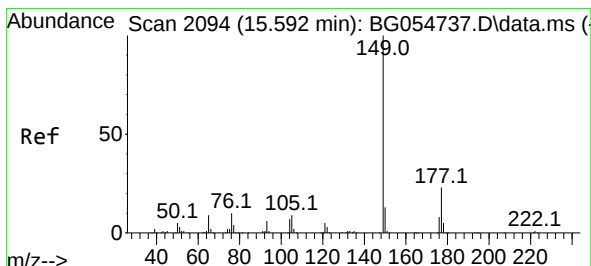
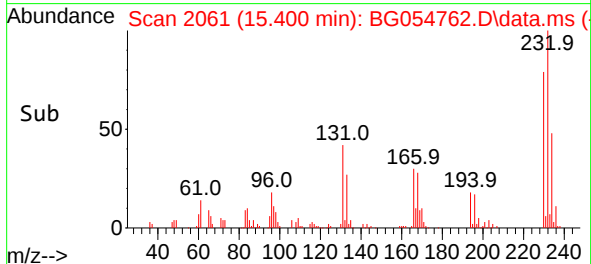
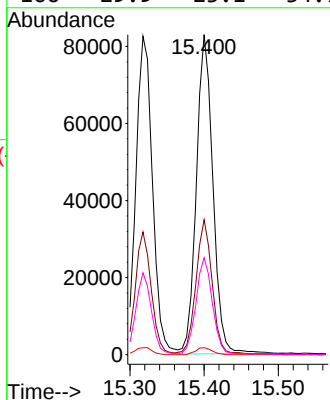
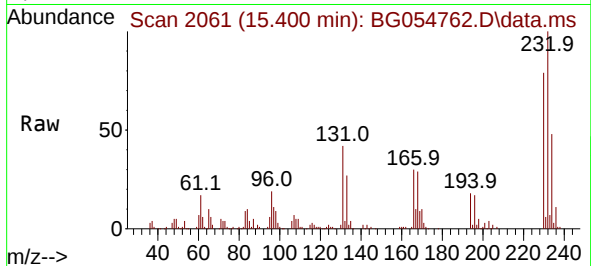
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.505 ng
RT: 15.400 min Scan# 2062
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

Instrument :
BNA_G
ClientSampleId :
B-1MSD

Tgt Ion:232 Resp: 128124
Ion Ratio Lower Upper
232 100
131 41.1 31.3 46.9
130 2.2 1.8 2.6
166 29.9 23.1 34.7

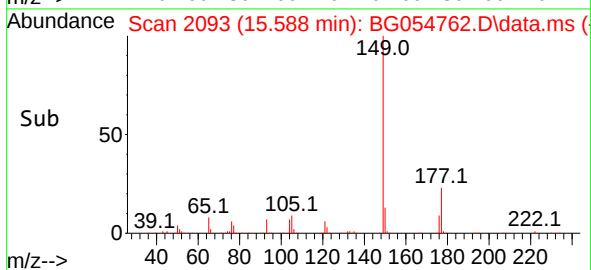
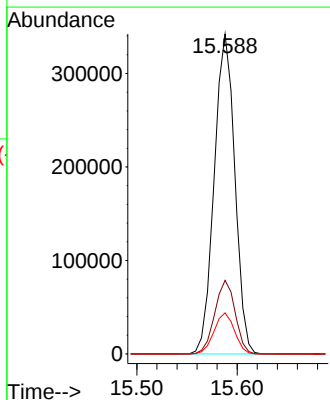
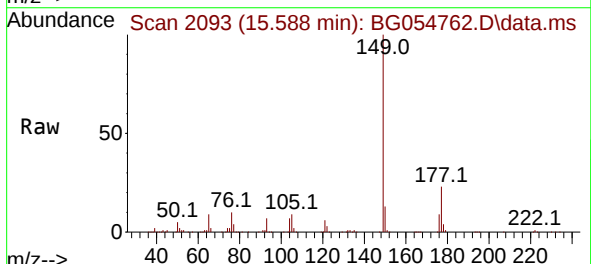
Manual Integrations
APPROVED

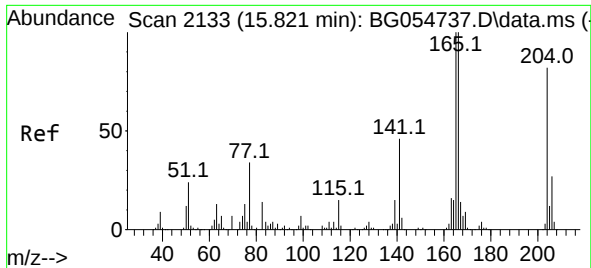
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#60
Diethylphthalate
Concen: 45.598 ng
RT: 15.588 min Scan# 2093
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

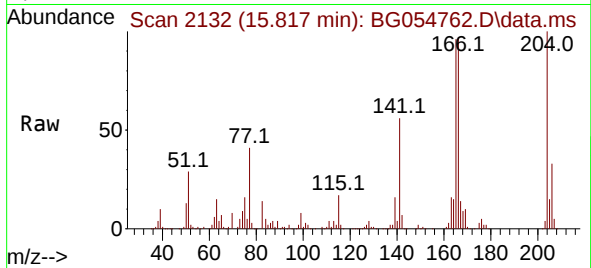
Tgt Ion:149 Resp: 487601
Ion Ratio Lower Upper
149 100
177 23.0 17.8 26.6
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.763 ng
RT: 15.817 min Scan# 2132
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

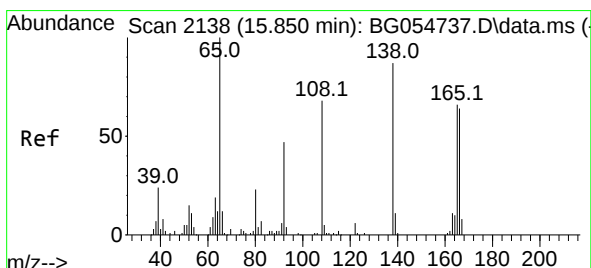
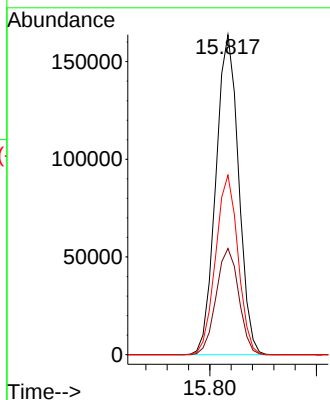
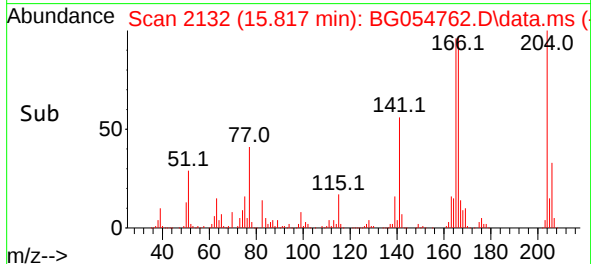
Instrument :
BNA_G
ClientSampleId :
B-1MSD



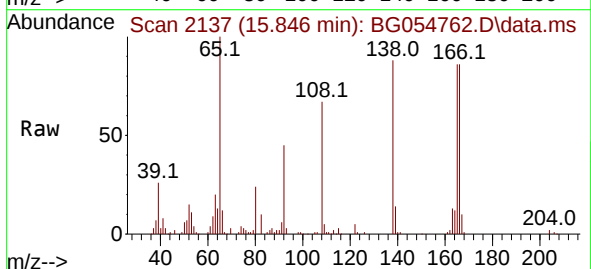
Tgt Ion:204 Resp: 242375
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 56.1 44.9 67.3

Manual Integrations
APPROVED

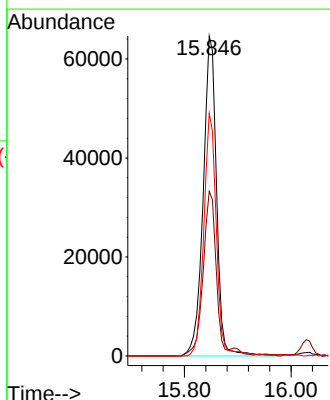
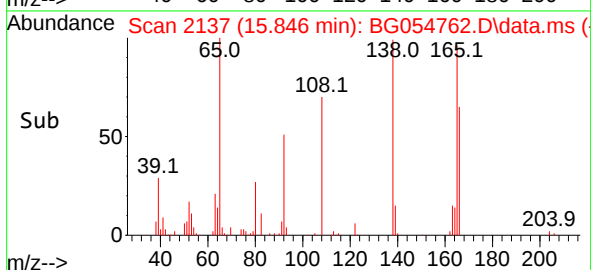
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

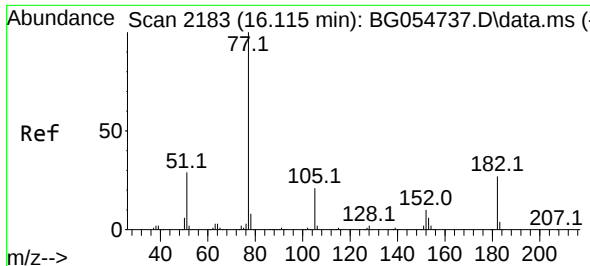


#62
4-Nitroaniline
Concen: 44.938 ng
RT: 15.846 min Scan# 2137
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32



Tgt Ion:138 Resp: 112500
Ion Ratio Lower Upper
138 100
92 51.5 34.7 74.7
108 75.9 56.2 96.2





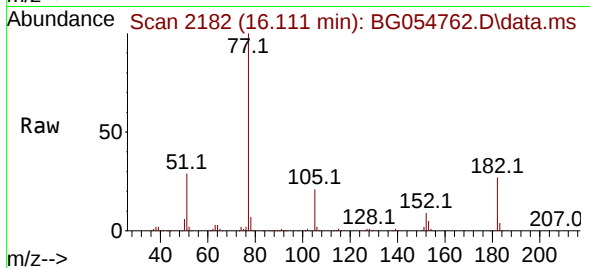
#63
Azobenzene
Concen: 44.984 ng
RT: 16.111 min Scan# 2183
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

Instrument :

BNA_G

ClientSampleId :

B-1MSD

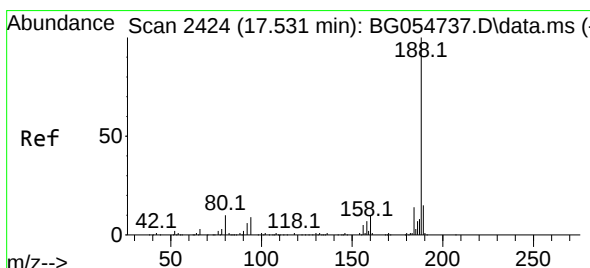
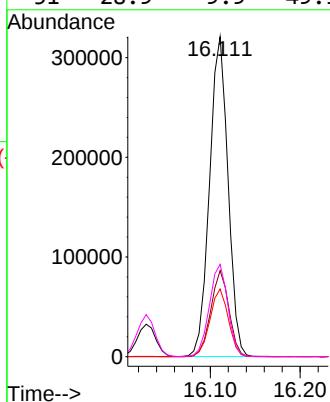
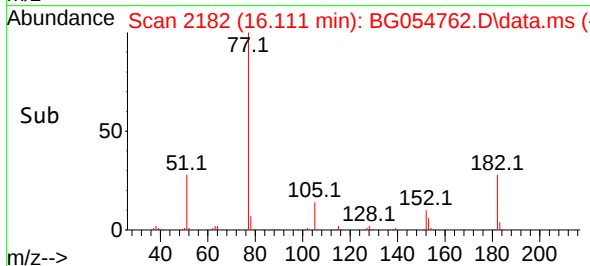


Tgt Ion: 77 Resp: 457162
Ion Ratio Lower Upper
77 100
182 26.9 5.1 45.1
105 21.2 0.7 40.7
51 28.9 9.9 49.9

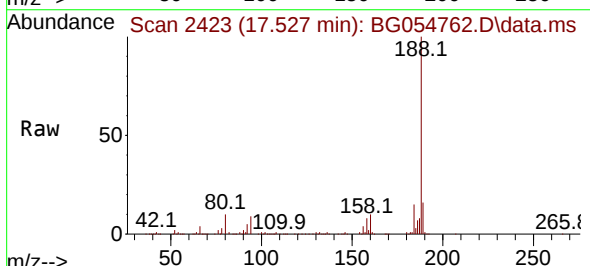
Manual Integrations

APPROVED

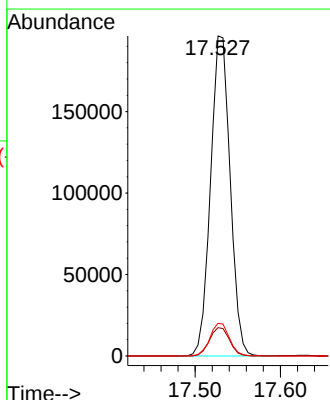
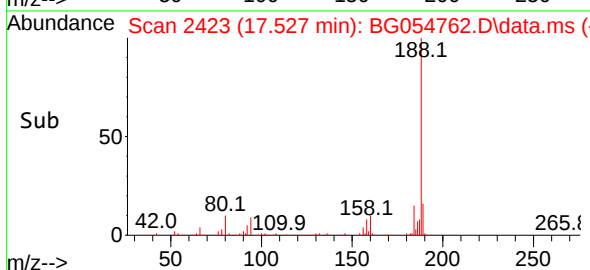
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

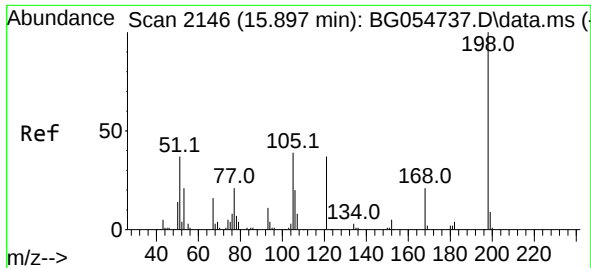


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.527 min Scan# 2423
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32



Tgt Ion:188 Resp: 313138
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 10.2 7.9 11.9





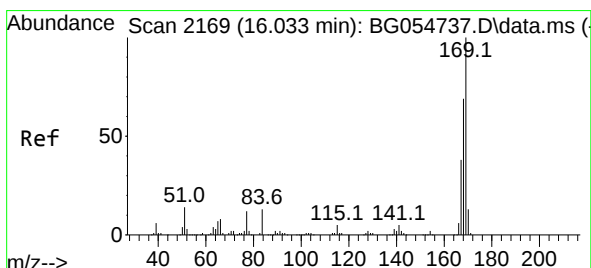
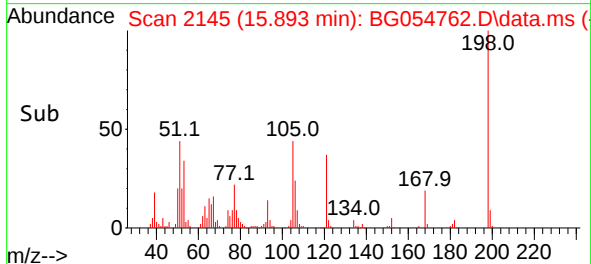
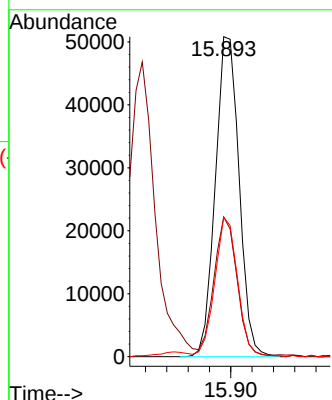
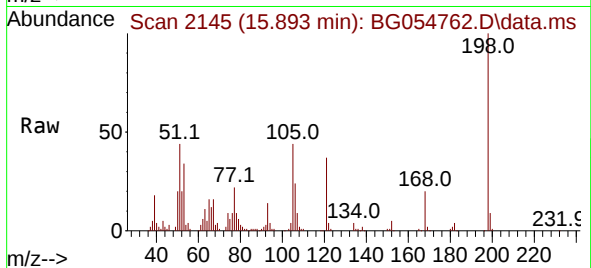
#65
4,6-Dinitro-2-methylphenol
Concen: 49.285 ng
RT: 15.893 min Scan# 2146
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

Instrument :
BNA_G
ClientSampleId :
B-1MSD

Tgt Ion:198 Resp: 78558
Ion Ratio Lower Upper
198 100
51 43.6 19.9 59.9
105 43.6 20.3 60.3

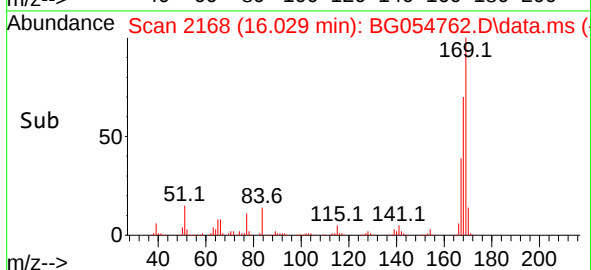
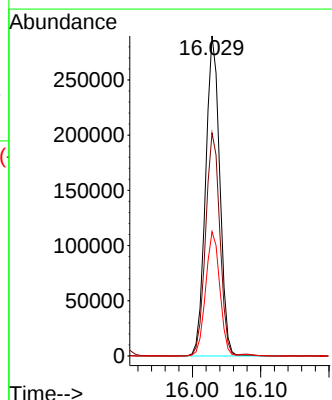
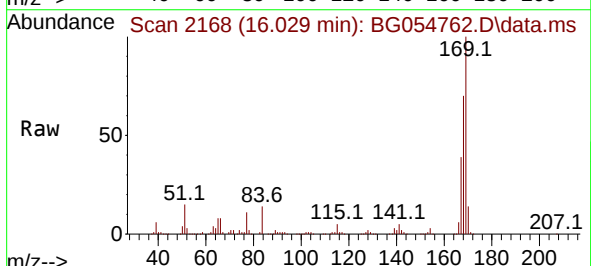
Manual Integrations
APPROVED

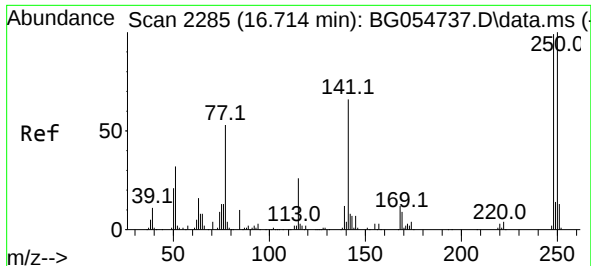
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#66
n-Nitrosodiphenylamine
Concen: 46.362 ng
RT: 16.029 min Scan# 2168
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

Tgt Ion:169 Resp: 418664
Ion Ratio Lower Upper
169 100
168 69.7 55.6 83.4
167 38.9 30.9 46.3





#67
4-Bromophenyl-phenylether
Concen: 48.254 ng
RT: 16.710 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

Instrument :

BNA_G

ClientSampleId :

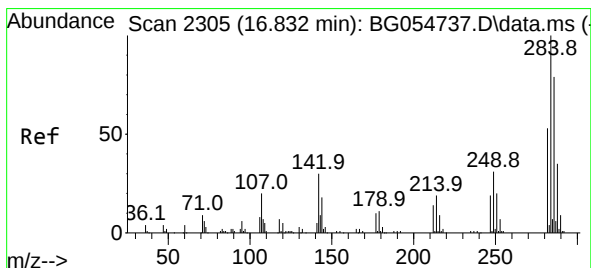
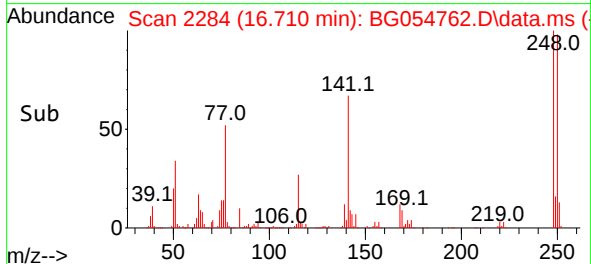
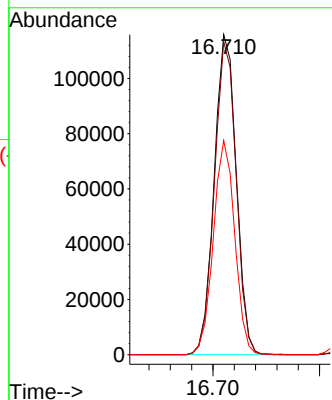
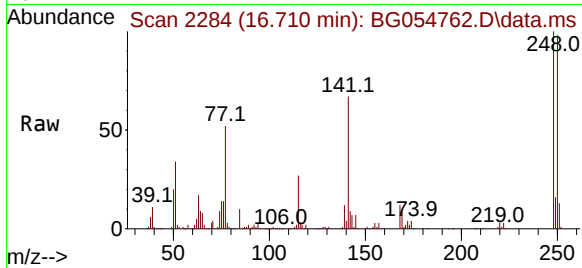
B-1MSD

Tgt Ion:248 Resp: 16589
Ion Ratio Lower Upper
248 100
250 97.8 78.8 118.2
141 66.9 51.9 77.9

Manual Integrations

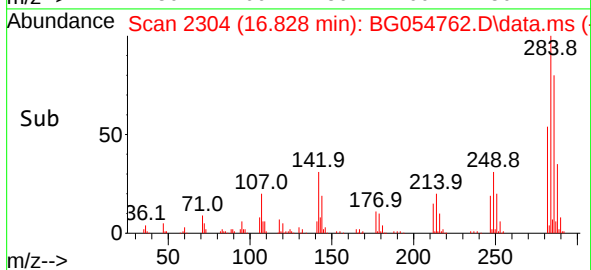
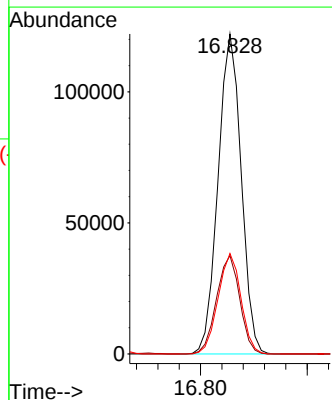
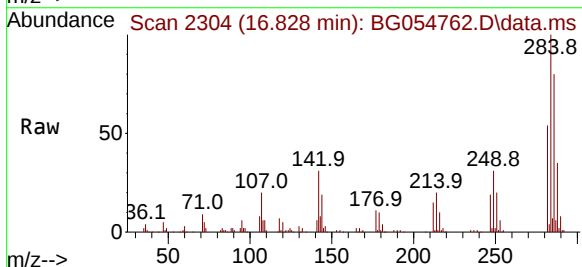
APPROVED

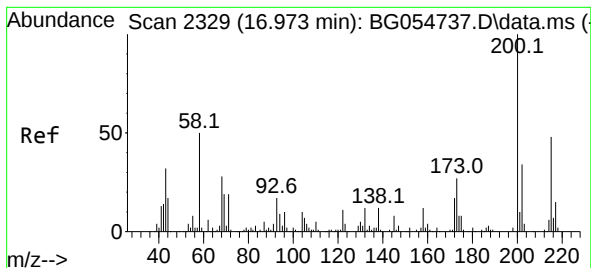
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#68
Hexachlorobenzene
Concen: 47.485 ng
RT: 16.828 min Scan# 2304
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

Tgt Ion:284 Resp: 183526
Ion Ratio Lower Upper
284 100
142 30.8 25.0 37.6
249 31.4 24.5 36.7





#69

Atrazine

Concen: 50.688 ng

RT: 16.975 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG054762.D

Acq: 26 Aug 2022 19:32

Instrument :

BNA_G

ClientSampleId :

B-1MSD

Tgt Ion:200 Resp: 16148

Ion Ratio Lower Upper

200 100

173 24.6 5.6 45.6

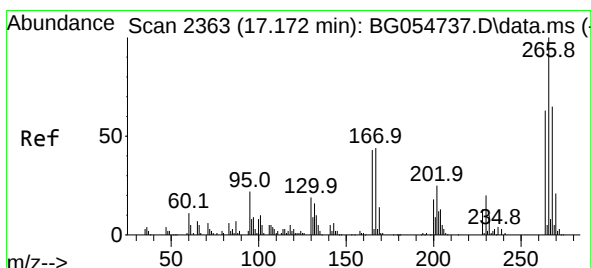
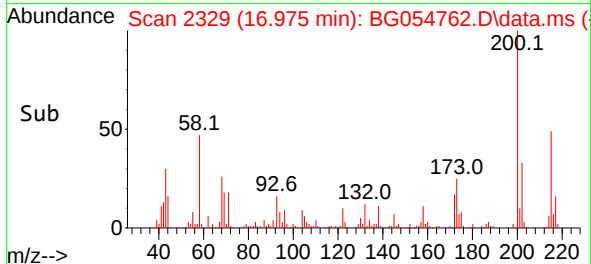
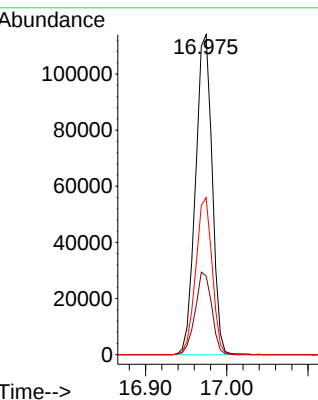
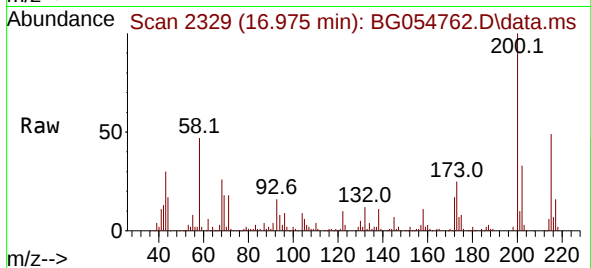
215 49.1 28.2 68.2

Manual Integrations

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Reviewed By :Christian Giraldo 08/29/2022

Supervised By :Jagrut Upadhyay 08/29/2022



#70

Pentachlorophenol

Concen: 101.263 ng

RT: 17.174 min Scan# 2363

Delta R.T. 0.002 min

Lab File: BG054762.D

Acq: 26 Aug 2022 19:32

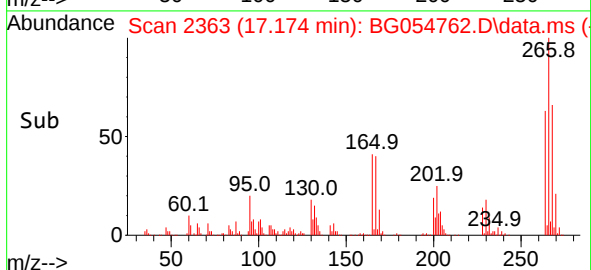
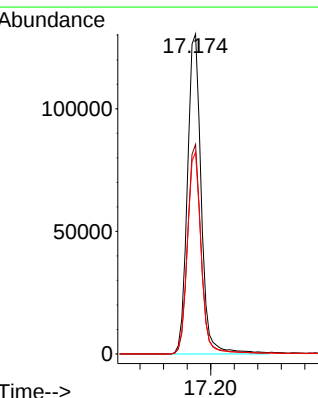
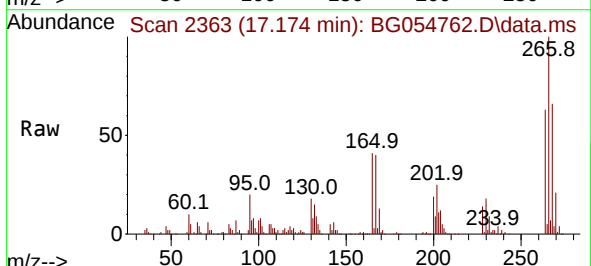
Tgt Ion:266 Resp: 212644

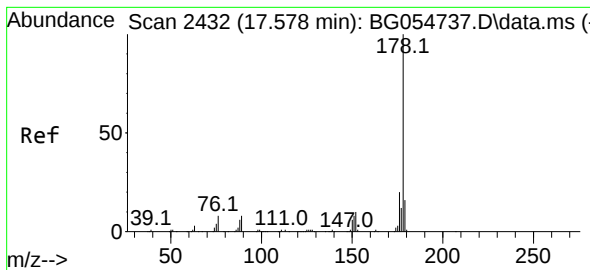
Ion Ratio Lower Upper

266 100

268 65.5 51.2 76.8

264 63.0 49.4 74.0





#71

Phenanthrene

Concen: 45.739 ng

RT: 17.574 min Scan# 2432

Delta R.T. -0.004 min

Lab File: BG054762.D

Acq: 26 Aug 2022 19:32

Instrument :

BNA_G

ClientSampleId :

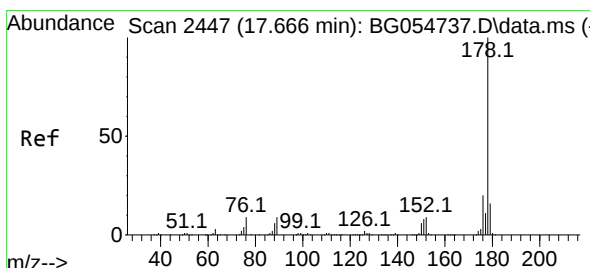
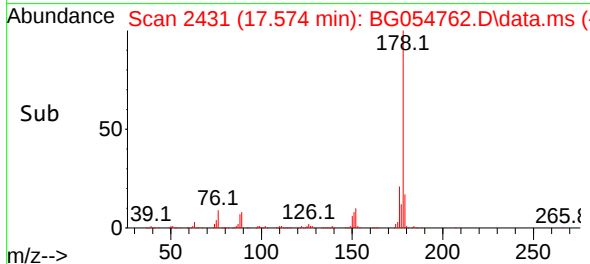
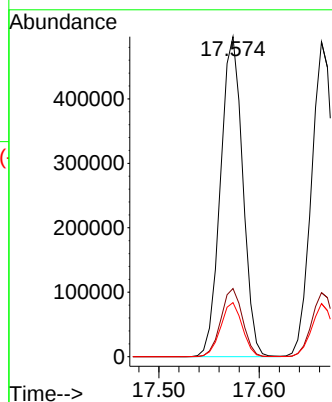
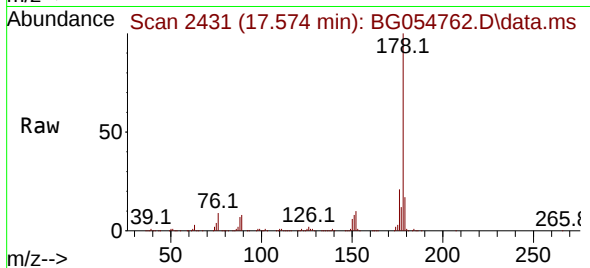
B-1MSD

Tgt Ion:178	Resp: 762980
Ion Ratio	Lower Upper
178 100	
176 21.3	16.6 25.0
179 16.9	12.8 19.2

Manual Integrations

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Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#72

Anthracene

Concen: 46.472 ng

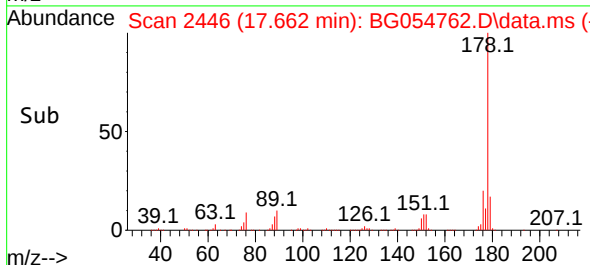
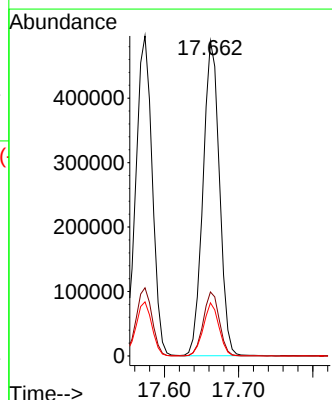
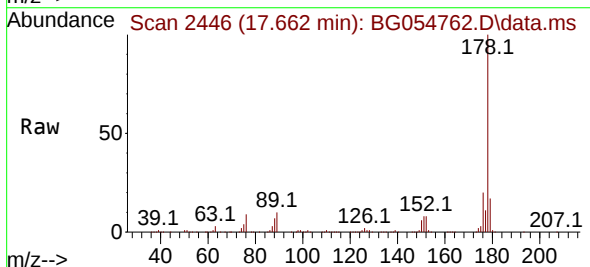
RT: 17.662 min Scan# 2446

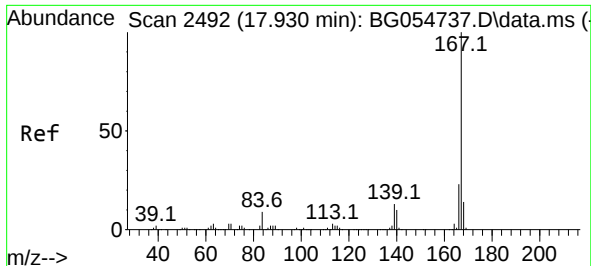
Delta R.T. -0.004 min

Lab File: BG054762.D

Acq: 26 Aug 2022 19:32

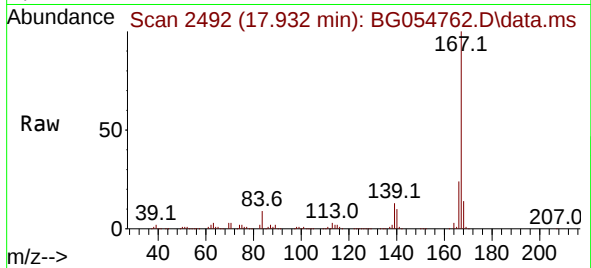
Tgt Ion:178	Resp: 753679
Ion Ratio	Lower Upper
178 100	
176 20.3	16.2 24.4
179 16.9	12.9 19.3





#73
 Carbazole
 Concen: 48.042 ng
 RT: 17.932 min Scan# 2492
 Delta R.T. 0.002 min
 Lab File: BG054762.D
 Acq: 26 Aug 2022 19:32

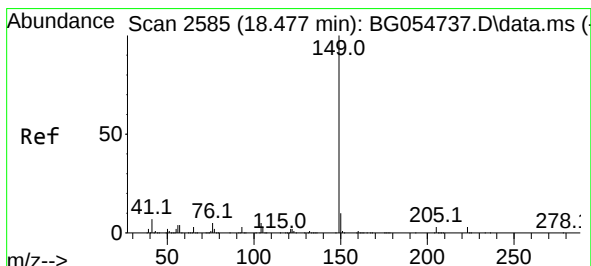
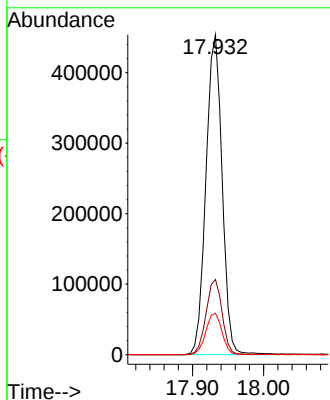
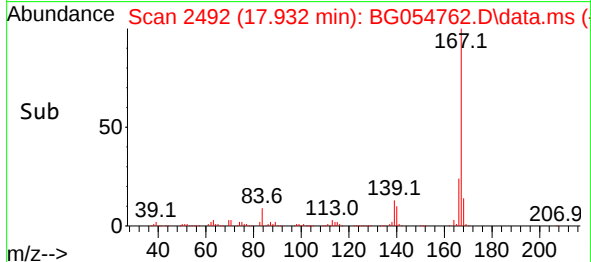
Instrument :
 BNA_G
 ClientSampleId :
 B-1MSD



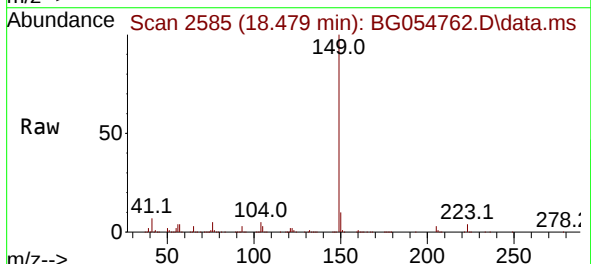
Tgt Ion:167 Resp: 717860
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.8 28.2
 139 12.9 10.2 15.4

Manual Integrations
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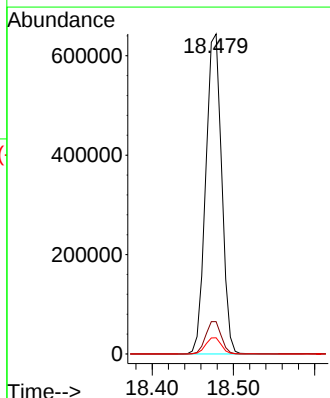
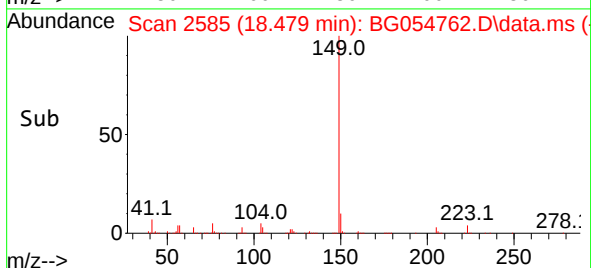
Reviewed By :Christian Giraldo 08/29/2022
 Supervised By :Jagrut Upadhyay 08/29/2022

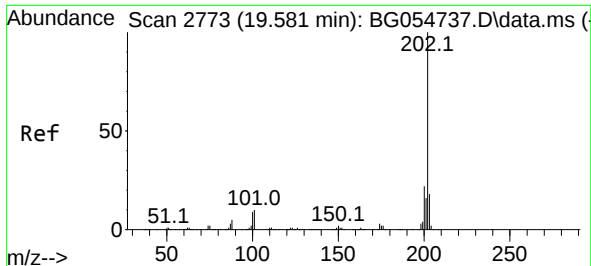


#74
 Di-n-butylphthalate
 Concen: 46.141 ng
 RT: 18.479 min Scan# 2585
 Delta R.T. 0.002 min
 Lab File: BG054762.D
 Acq: 26 Aug 2022 19:32



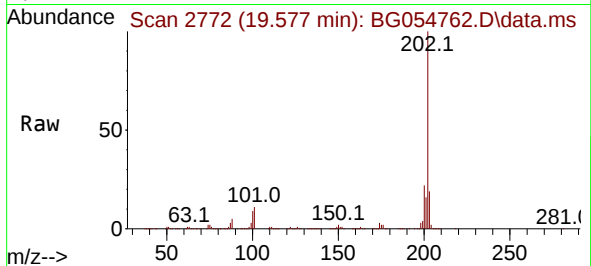
Tgt Ion:149 Resp: 872426
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.0 12.0
 104 5.0 4.4 6.6





#75
Fluoranthene
Concen: 47.123 ng
RT: 19.577 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

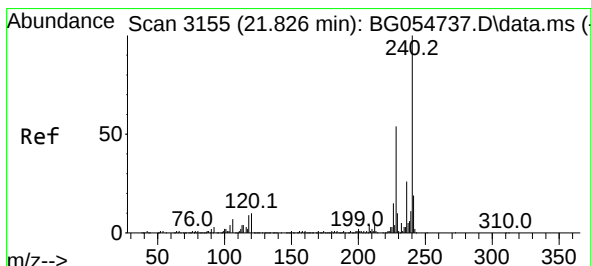
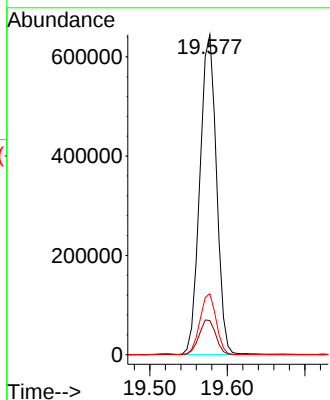
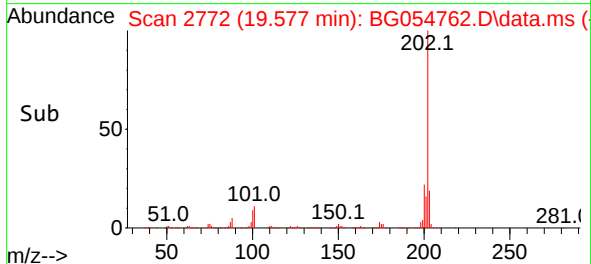
Instrument :
BNA_G
ClientSampleId :
B-1MSD



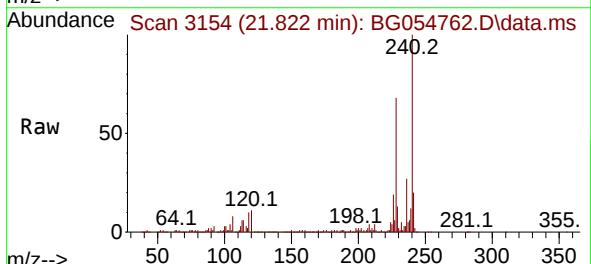
Tgt Ion:202 Resp: 95625
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.4
203 19.1 0.0 38.6

Manual Integrations
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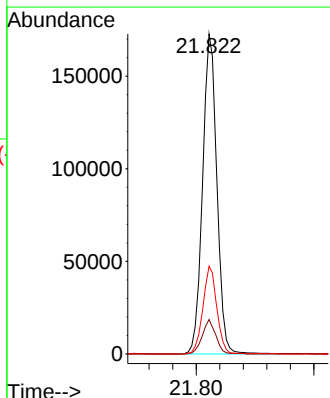
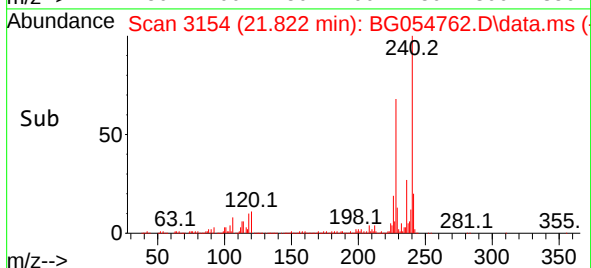
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

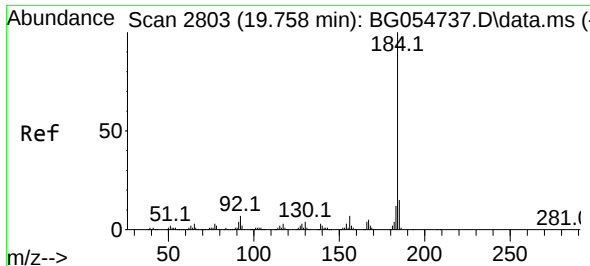


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.822 min Scan# 3154
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32



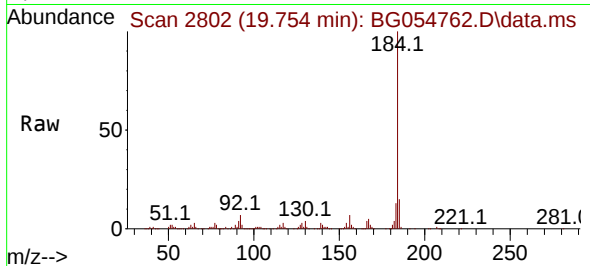
Tgt Ion:240 Resp: 291220
Ion Ratio Lower Upper
240 100
120 10.7 8.2 12.4
236 27.4 21.2 31.8





#77
Benzidine
Concen: 37.417 ng
RT: 19.754 min Scan# 2802
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

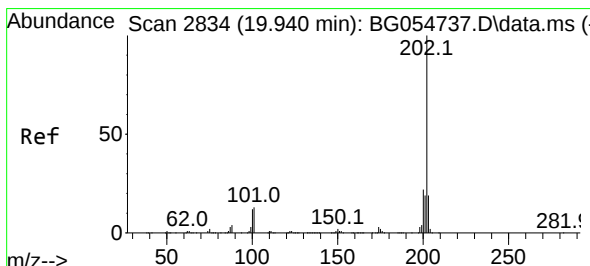
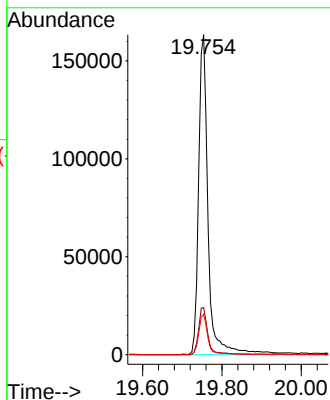
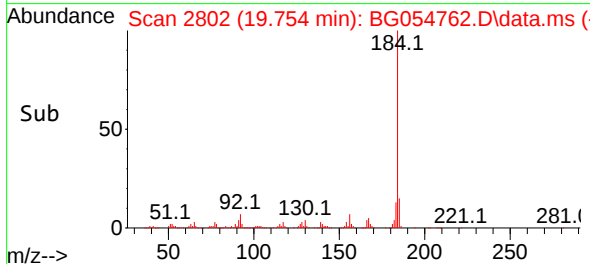
Instrument :
BNA_G
ClientSampleId :
B-1MSD



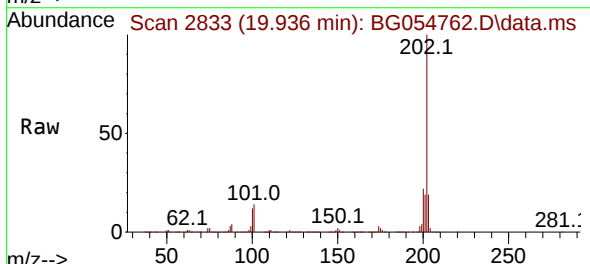
Tgt Ion:184 Resp: 269890
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.0
183 12.7 9.8 14.8

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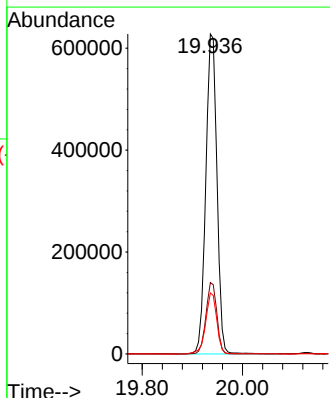
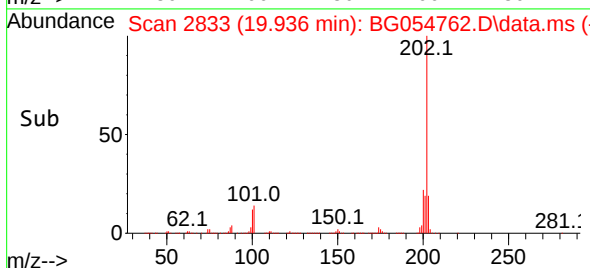
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

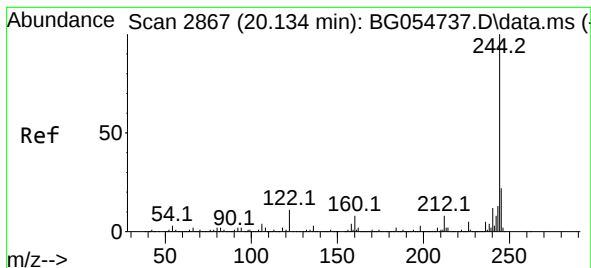


#78
Pyrene
Concen: 47.667 ng
RT: 19.936 min Scan# 2833
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32



Tgt Ion:202 Resp: 967945
Ion Ratio Lower Upper
202 100
200 22.3 17.8 26.6
203 19.1 14.6 21.8





#79

Terphenyl-d14

Concen: 64.974 ng

RT: 20.130 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG054762.D

Acq: 26 Aug 2022 19:32

Instrument :

BNA_G

ClientSampleId :

B-1MSD

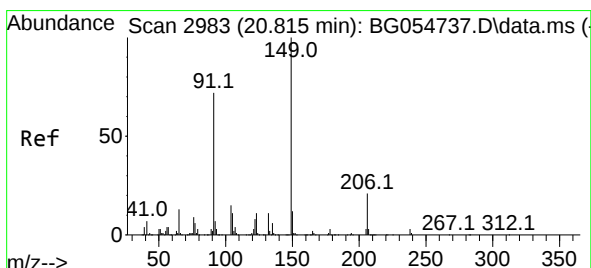
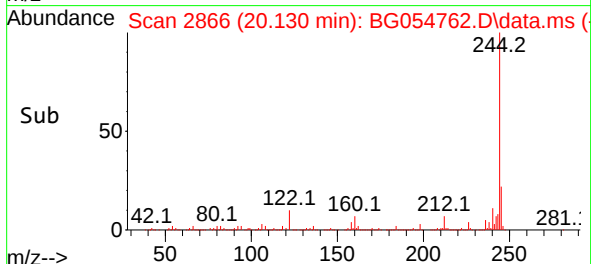
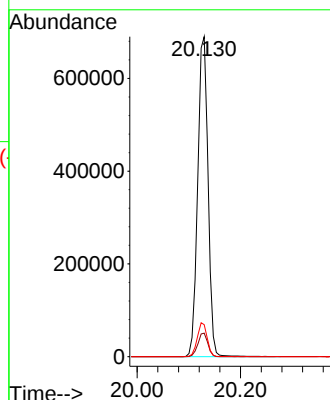
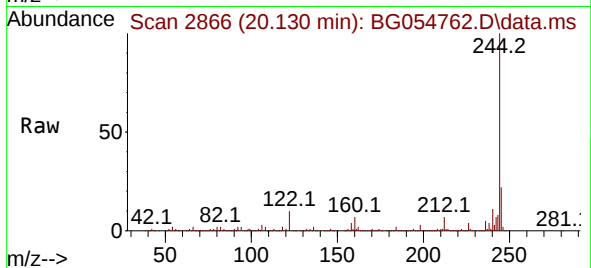
Tgt Ion:244 Resp: 954972
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 10.0 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/29/2022

Supervised By :Jagrut Upadhyay 08/29/2022



#80

Butylbenzylphthalate

Concen: 46.572 ng

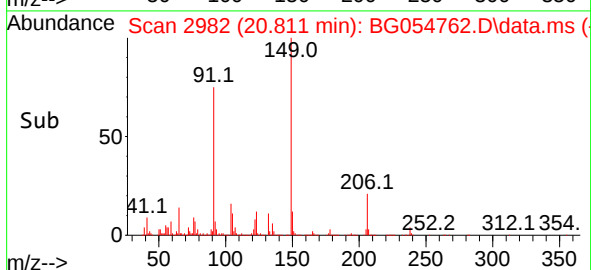
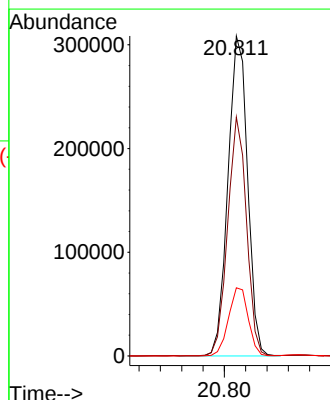
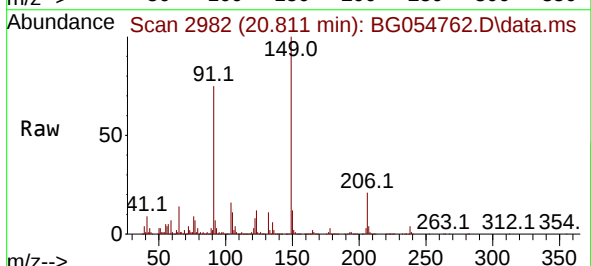
RT: 20.811 min Scan# 2982

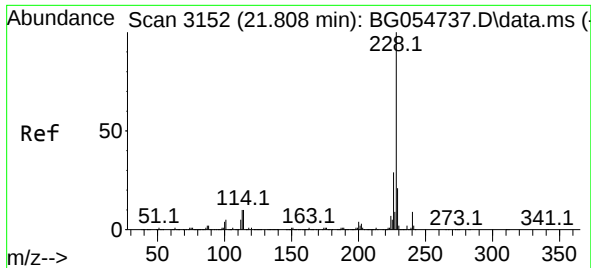
Delta R.T. -0.004 min

Lab File: BG054762.D

Acq: 26 Aug 2022 19:32

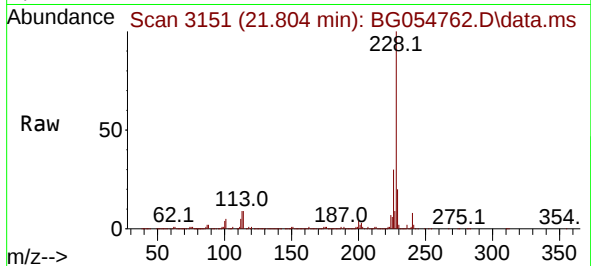
Tgt Ion:149 Resp: 394475
 Ion Ratio Lower Upper
 149 100
 91 74.6 59.5 89.3
 206 21.3 16.6 25.0





#81
Benzo(a)anthracene
Concen: 46.342 ng
RT: 21.804 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

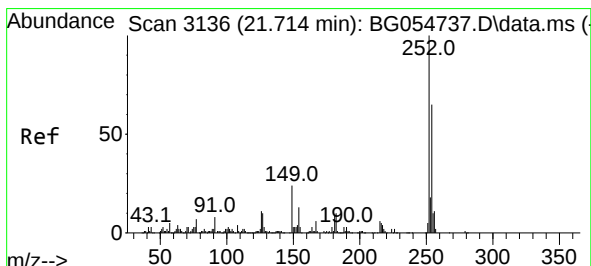
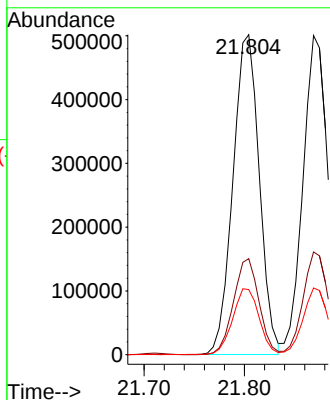
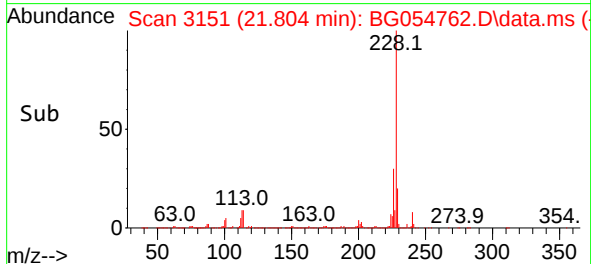
Instrument :
BNA_G
ClientSampleId :
B-1MSD



Tgt Ion:228 Resp: 91505
Ion Ratio Lower Upper
228 100
226 30.0 23.4 35.2
229 20.3 16.5 24.7

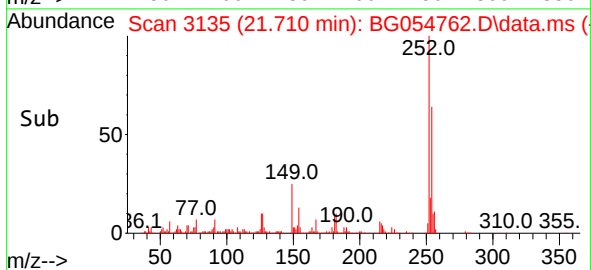
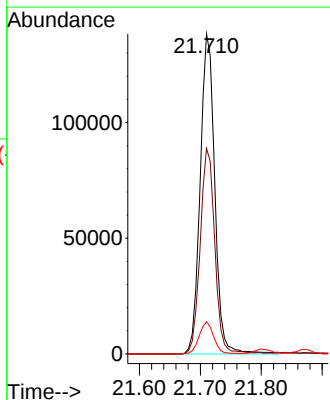
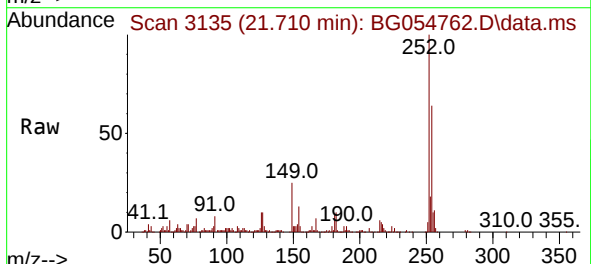
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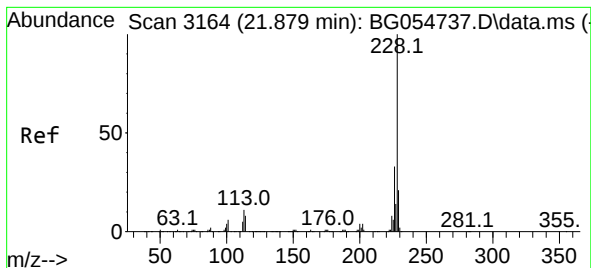
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#82
3,3'-Dichlorobenzidine
Concen: 33.360 ng
RT: 21.710 min Scan# 3135
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

Tgt Ion:252 Resp: 230952
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.2
126 10.1 8.2 12.2





#83

Chrysene

Concen: 46.025 ng

RT: 21.869 min Scan# 3164

Delta R.T. -0.010 min

Lab File: BG054762.D

Acq: 26 Aug 2022 19:32

Instrument :

BNA_G

ClientSampleId :

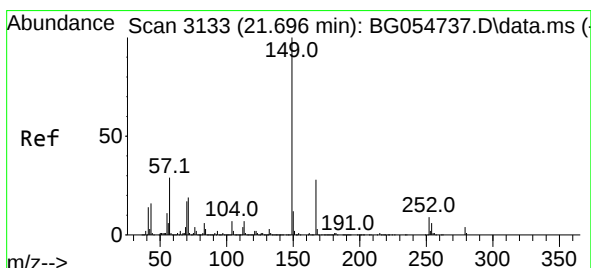
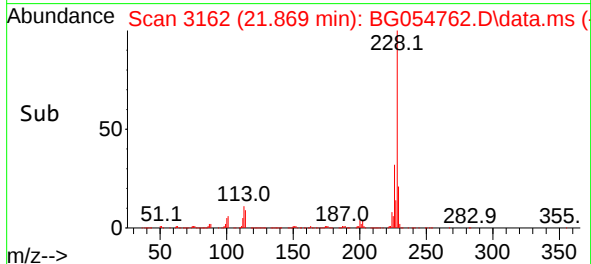
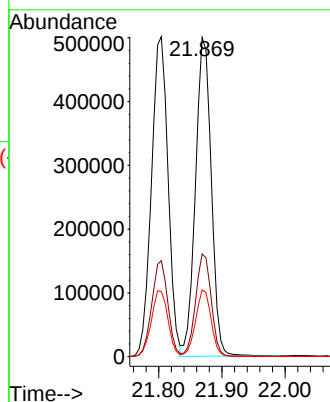
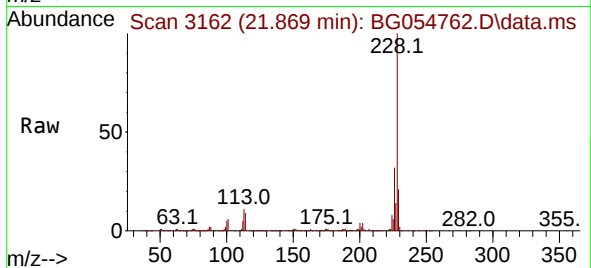
B-1MSD

Tgt Ion:228 Resp: 86892
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.5 38.3
 229 20.9 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/29/2022
 Supervised By :Jagrut Upadhyay 08/29/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.733 ng

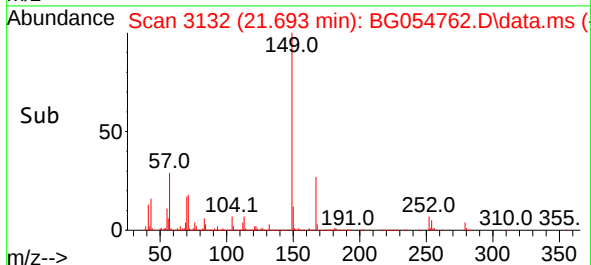
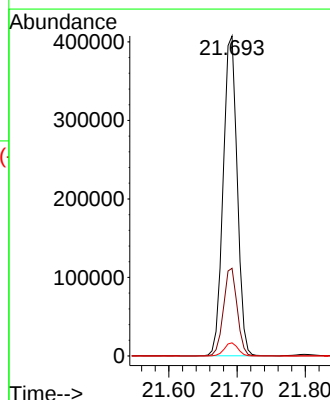
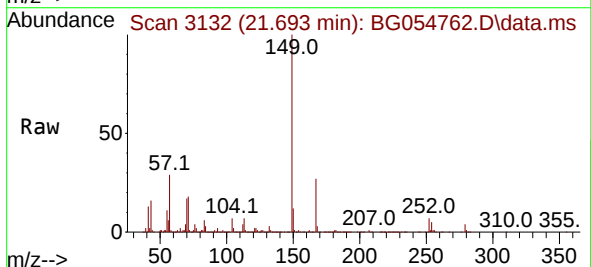
RT: 21.693 min Scan# 3132

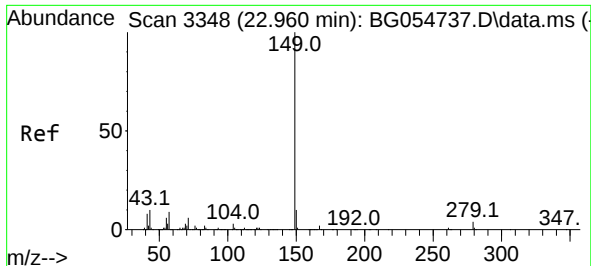
Delta R.T. -0.004 min

Lab File: BG054762.D

Acq: 26 Aug 2022 19:32

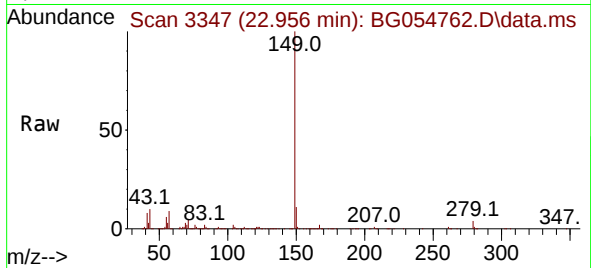
Tgt Ion:149 Resp: 582501
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.4 32.0
 279 4.1 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 47.217 ng
RT: 22.956 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

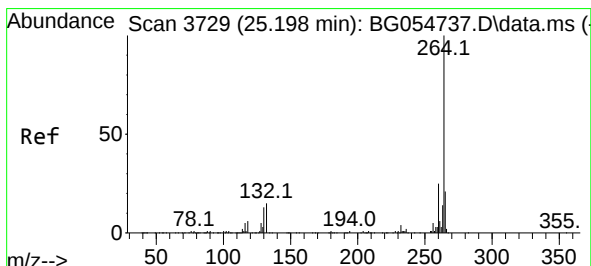
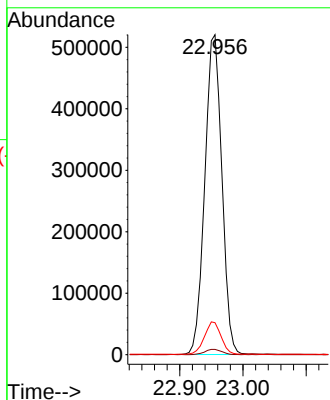
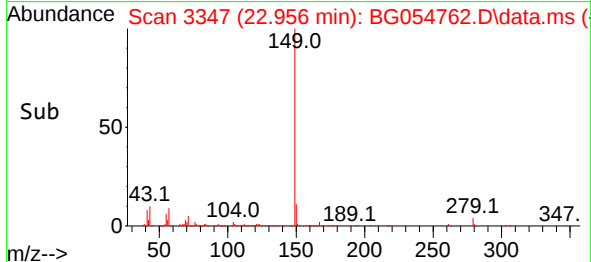
Instrument :
BNA_G
ClientSampleId :
B-1MSD



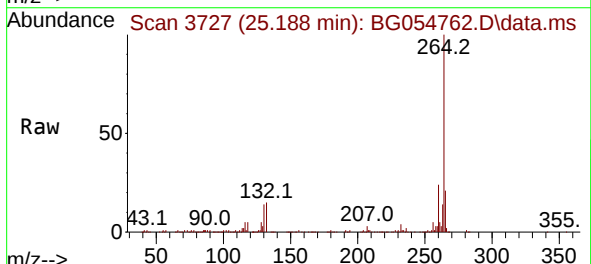
Tgt Ion:149 Resp: 977174
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.9 9.0 13.6

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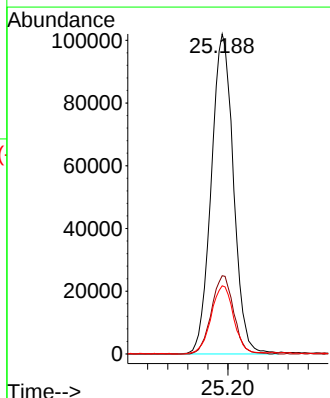
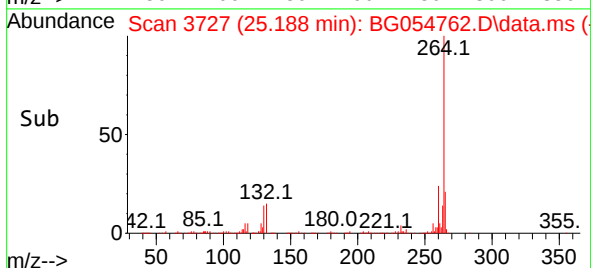
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

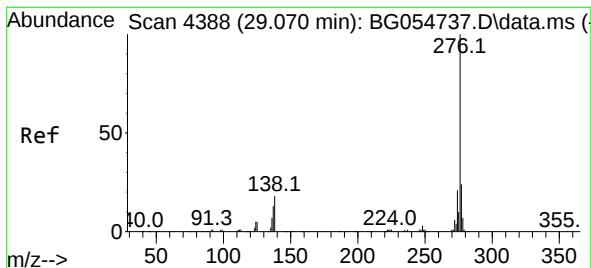


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.188 min Scan# 3727
Delta R.T. -0.010 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32



Tgt Ion:264 Resp: 312773
Ion Ratio Lower Upper
264 100
260 24.4 19.9 29.9
265 21.3 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.628 ng

RT: 29.060 min Scan# 41

Delta R.T. -0.010 min

Lab File: BG054762.D

Acq: 26 Aug 2022 19:32

Instrument :

BNA_G

ClientSampleId :

B-1MSD

Tgt Ion:276 Resp: 1107169

Ion Ratio Lower Upper

276 100

138 15.3 12.0 18.0

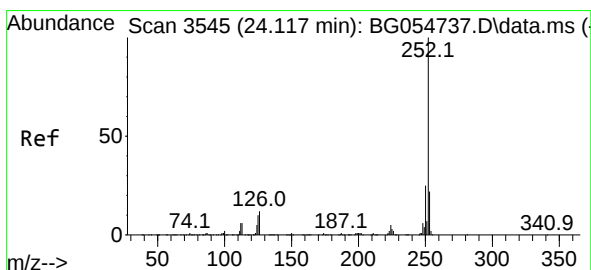
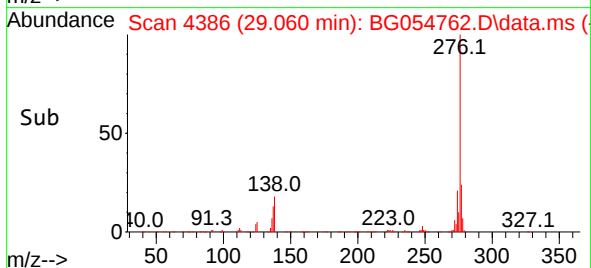
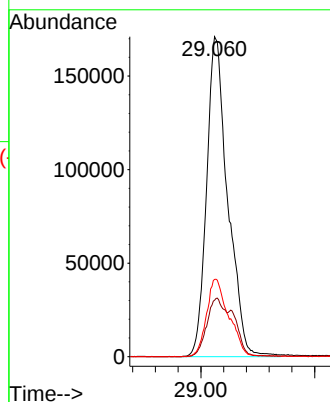
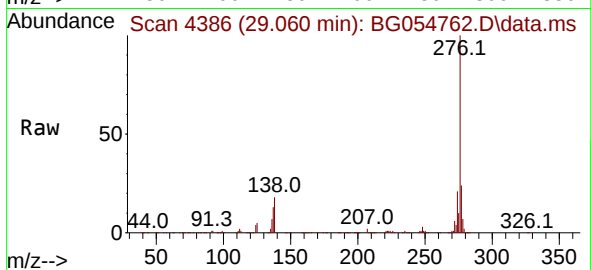
277 25.6 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/29/2022

Supervised By :Jagrut Upadhyay 08/29/2022



#88

Benzo(b)fluoranthene

Concen: 49.761 ng

RT: 24.113 min Scan# 3544

Delta R.T. -0.004 min

Lab File: BG054762.D

Acq: 26 Aug 2022 19:32

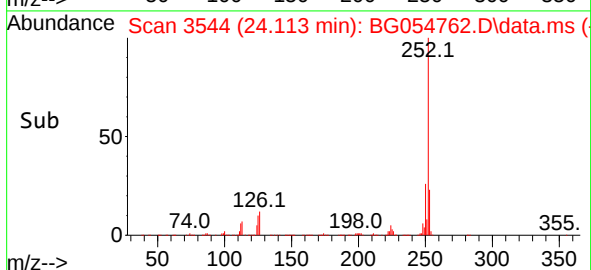
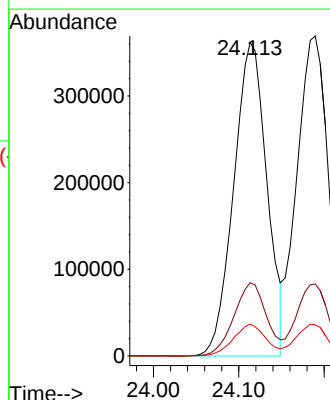
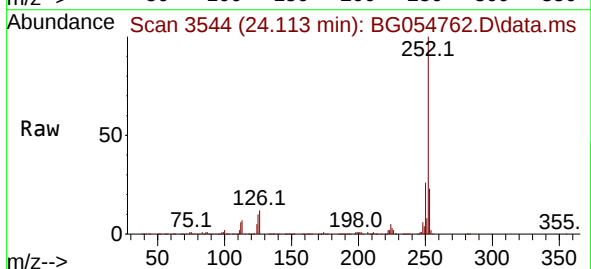
Tgt Ion:252 Resp: 976331

Ion Ratio Lower Upper

252 100

253 23.4 18.0 27.0

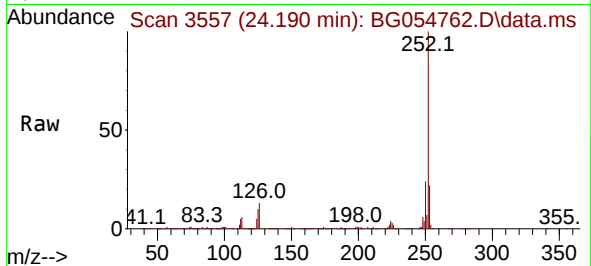
125 10.1 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 48.165 ng
RT: 24.190 min Scan# 3558
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

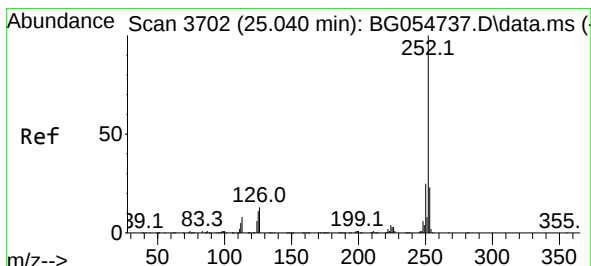
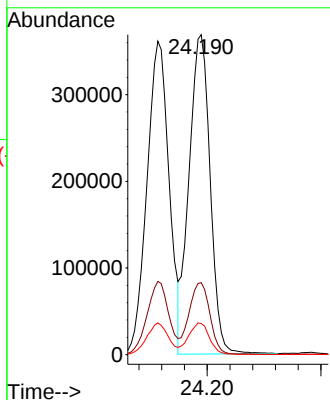
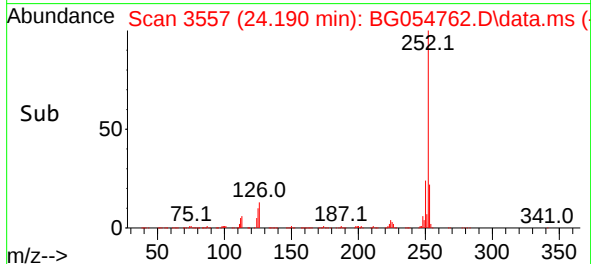
Instrument :
BNA_G
ClientSampleId :
B-1MSD



Tgt Ion:252 Resp: 95108
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 9.7 8.2 12.4

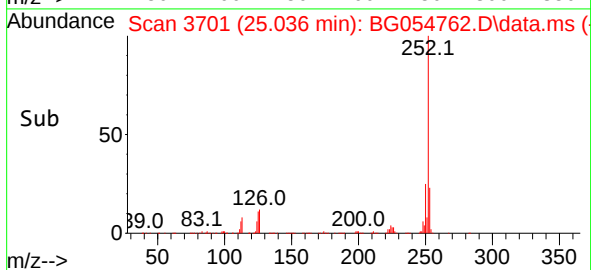
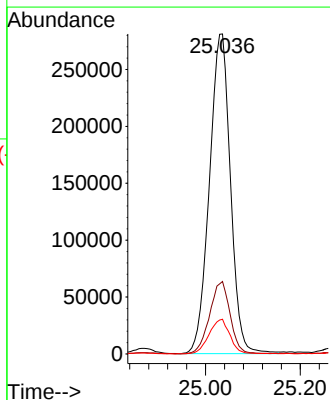
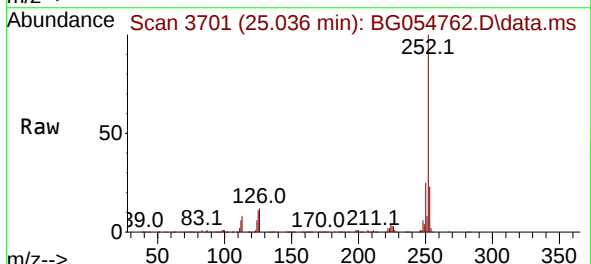
Manual Integrations
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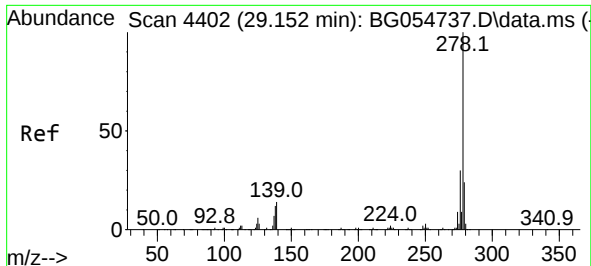
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#90
Benzo(a)pyrene
Concen: 51.684 ng
RT: 25.036 min Scan# 3701
Delta R.T. -0.004 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

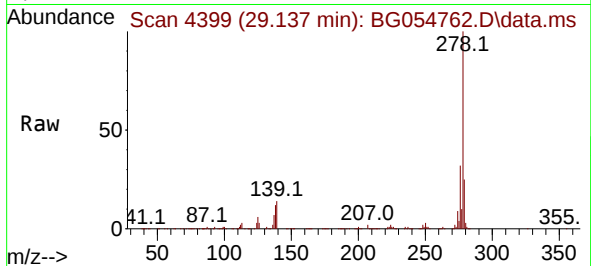
Tgt Ion:252 Resp: 866378
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 10.9 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 48.171 ng
RT: 29.137 min Scan# 41
Delta R.T. -0.016 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

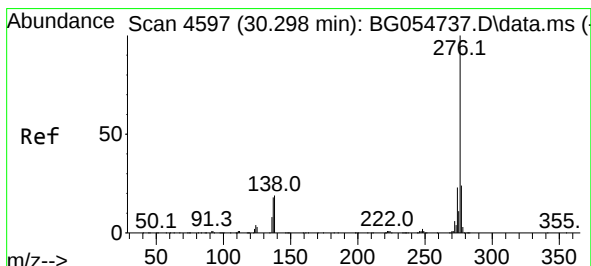
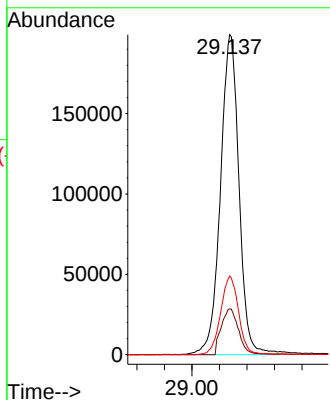
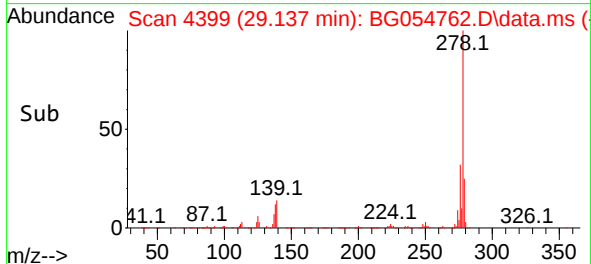
Instrument :
BNA_G
ClientSampleId :
B-1MSD



Tgt Ion:278 Resp: 931844
Ion Ratio Lower Upper
278 100
139 14.3 11.4 17.2
279 24.6 19.3 28.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#92
Benzo(g,h,i)perylene
Concen: 48.486 ng
RT: 30.282 min Scan# 4594
Delta R.T. -0.016 min
Lab File: BG054762.D
Acq: 26 Aug 2022 19:32

Tgt Ion:276 Resp: 947544
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.0
138 19.9 16.6 25.0

