

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082622\
 Data File : BG054752.D
 Acq On : 26 Aug 2022 12:17
 Operator : CG/JU
 Sample : PB147143BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147143BSD

Manual Integrations
 APPROVED

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

Quant Time: Aug 27 02:09:24 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	8.147	152	53782	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	220798	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	144303	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	321089	20.000	ng	0.00
76) Chrysene-d12	21.825	240	301249	20.000	ng	0.00
86) Perylene-d12	25.192	264	321600	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	464506	150.398	ng	0.00
7) Phenol-d6	7.295	99	596228	141.160	ng	0.00
23) Nitrobenzene-d5	9.322	82	362968	86.298	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	242799	134.652	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	803465	83.686	ng	0.00
79) Terphenyl-d14	20.133	244	1337173	87.949	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.529	88	52286	35.453	ng	99
3) Pyridine	3.934	79	144448	35.115	ng	99
4) n-Nitrosodimethylamine	3.852	42	81353	45.751	ng	98
6) Aniline	7.465	93	242212	48.265	ng	99
8) 2-Chlorophenol	7.706	128	173232	51.338	ng	98
9) Benzaldehyde	7.277	77	100534	36.316	ng	97
10) Phenol	7.324	94	213520	49.156	ng	97
11) bis(2-Chloroethyl)ether	7.559	93	165365	47.336	ng	99
12) 1,3-Dichlorobenzene	8.035	146	184341	47.207	ng	99
13) 1,4-Dichlorobenzene	8.182	146	186228	47.280	ng	99
14) 1,2-Dichlorobenzene	8.505	146	180204	48.249	ng	99
15) Benzyl Alcohol	8.388	79	148727m	48.740	ng	
16) 2,2'-oxybis(1-Chloropr...	8.676	45	256988	47.013	ng	98
17) 2-Methylphenol	8.582	107	146430	48.962	ng	98
18) Hexachloroethane	9.240	117	66839	46.796	ng	99
19) n-Nitroso-di-n-propyla...	8.958	70	131270	45.194	ng	98
20) 3+4-Methylphenols	8.917	107	197390	47.597	ng	97
22) Acetophenone	8.975	105	253589	45.907	ng	99
24) Nitrobenzene	9.363	77	187306	44.183	ng	98
25) Isophorone	9.886	82	360412	45.957	ng	99
26) 2-Nitrophenol	10.080	139	90449	48.301	ng	98
27) 2,4-Dimethylphenol	10.127	122	158340	53.367	ng	97
28) bis(2-Chloroethoxy)met...	10.368	93	219738	49.172	ng	99
29) 2,4-Dichlorophenol	10.615	162	159758	47.339	ng	99
30) 1,2,4-Trichlorobenzene	10.832	180	171757	44.536	ng	99
31) Naphthalene	11.026	128	518906	43.803	ng	99
32) Benzoic acid	10.262	122	80059	39.454	ng	96
33) 4-Chloroaniline	11.132	127	185767	38.465	ng	98
34) Hexachlorobutadiene	11.302	225	110355	44.661	ng	99
35) Caprolactam	11.901	113	55032m	46.222	ng	
36) 4-Chloro-3-methylphenol	12.236	107	173941	47.133	ng	96
37) 2-Methylnaphthalene	12.624	142	362287	43.634	ng	99
38) 1-Methylnaphthalene	12.841	142	342151	42.355	ng	100
40) 1,2,4,5-Tetrachloroben...	12.982	216	194017	44.602	ng	98
41) Hexachlorocyclopentadiene	12.959	237	266812	115.658	ng	98
43) 2,4,6-Trichlorophenol	13.217	196	131281	45.469	ng	99

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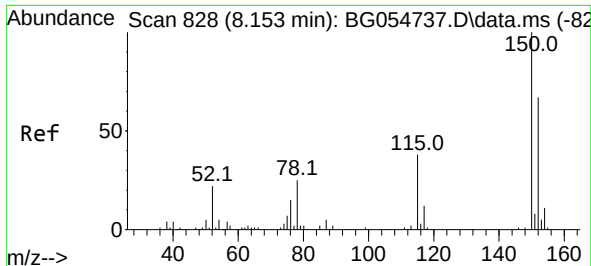
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.288	196	142877	44.064	ng	98
46) 1,1'-Biphenyl	13.623	154	478112	44.617	ng	100
47) 2-Chloronaphthalene	13.670	162	353538	43.441	ng	99
48) 2-Nitroaniline	13.864	65	115355	45.228	ng	98
49) Acenaphthylene	14.510	152	584456	43.519	ng	100
50) Dimethylphthalate	14.234	163	474459	42.678	ng	99
51) 2,6-Dinitrotoluene	14.357	165	103736	45.620	ng	88
52) Acenaphthene	14.851	154	409504m	47.470	ng	
53) 3-Nitroaniline	14.686	138	97871	38.448	ng	99
54) 2,4-Dinitrophenol	14.886	184	111210	86.102	ng	95
55) Dibenzofuran	15.180	168	548974	43.308	ng	98
56) 4-Nitrophenol	14.980	139	188934	95.911	ng	97
57) 2,4-Dinitrotoluene	15.139	165	145050	46.117	ng	90
58) Fluorene	15.832	166	457730	42.863	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.403	232	125348	42.884	ng	98
60) Diethylphthalate	15.591	149	471764	42.496	ng	97
61) 4-Chlorophenyl-phenyle...	15.814	204	234895	44.589	ng	100
62) 4-Nitroaniline	15.850	138	112247	43.190	ng	98
63) Azobenzene	16.108	77	444848	42.165	ng	99
65) 4,6-Dinitro-2-methylph...	15.897	198	75057	45.923	ng	97
66) n-Nitrosodiphenylamine	16.032	169	411856	44.479	ng	99
67) 4-Bromophenyl-phenylether	16.713	248	159545	45.257	ng	99
68) Hexachlorobenzene	16.831	284	177107	44.690	ng	97
69) Atrazine	16.972	200	153512	46.993	ng	100
70) Pentachlorophenol	17.172	266	206745	96.015	ng	98
71) Phenanthrene	17.571	178	736529	43.060	ng	100
72) Anthracene	17.665	178	747842	44.970	ng	99
73) Carbazole	17.930	167	698807	45.609	ng	99
74) Di-n-butylphthalate	18.476	149	841491	43.402	ng	99
75) Fluoranthene	19.575	202	908251	43.650	ng	99
77) Benzidine	19.757	184	675690	90.556	ng	98
78) Pyrene	19.939	202	910203	43.331	ng	99
80) Butylbenzylphthalate	20.814	149	381351	43.524	ng	97
81) Benzo(a)anthracene	21.802	228	881817	43.172	ng	99
82) 3,3'-Dichlorobenzidine	21.713	252	304832	42.566	ng	100
83) Chrysene	21.872	228	839208	42.971	ng	100
84) Bis(2-ethylhexyl)phtha...	21.690	149	556734	44.102	ng	99
85) Di-n-octyl phthalate	22.953	149	939631	43.892	ng	96
87) Indeno(1,2,3-cd)pyrene	29.064	276	1056084	43.256	ng	98
88) Benzo(b)fluoranthene	24.116	252	949293	47.055	ng	100
89) Benzo(k)fluoranthene	24.187	252	916811	45.155	ng	99
90) Benzo(a)pyrene	25.033	252	835197	48.456	ng	99
91) Dibenzo(a,h)anthracene	29.140	278	902808	45.389	ng	100
92) Benzo(g,h,i)perylene	30.286	276	907409	45.158	ng	99

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

Manual Integrations APPROVED

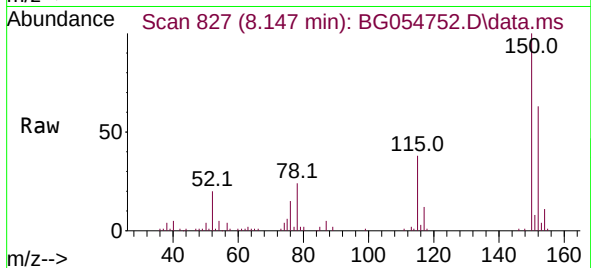
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

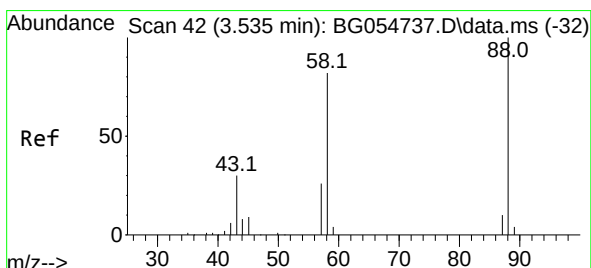
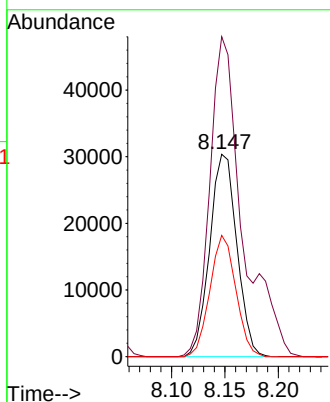
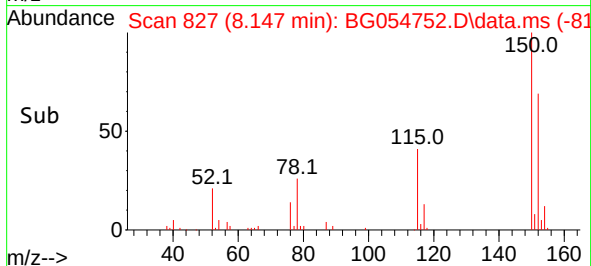
Instrument :
BNA_G
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PB147143BSD



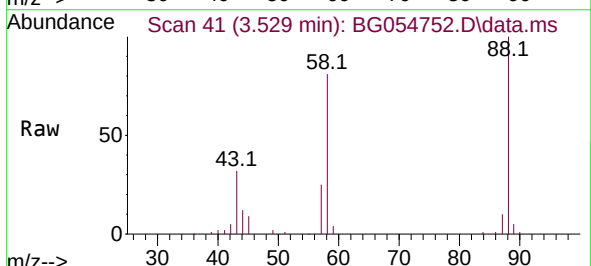
Tgt Ion:152 Resp: 53782
Ion Ratio Lower Upper
152 100
150 158.2 125.2 187.8
115 59.9 47.9 71.9

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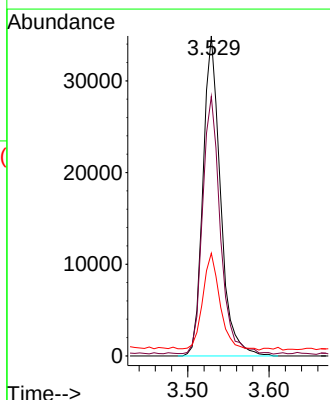
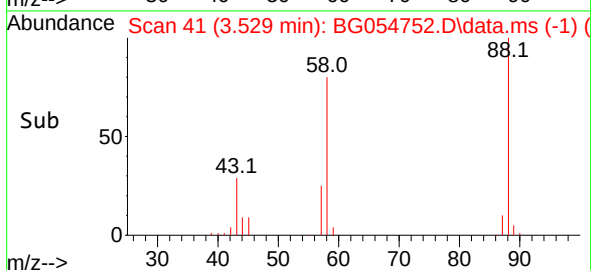
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

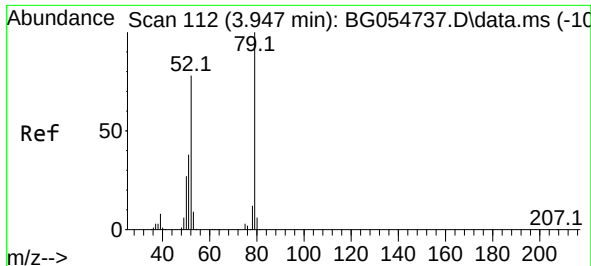


#2
1,4-Dioxane
Concen: 35.453 ng
RT: 3.529 min Scan# 41
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



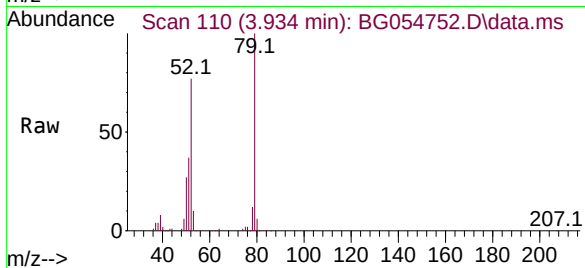
Tgt Ion: 88 Resp: 52286
Ion Ratio Lower Upper
88 100
58 81.6 65.9 98.9
43 30.1 22.7 34.1





#3
Pyridine
Concen: 35.115 ng
RT: 3.934 min Scan# 112
Delta R.T. -0.012 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

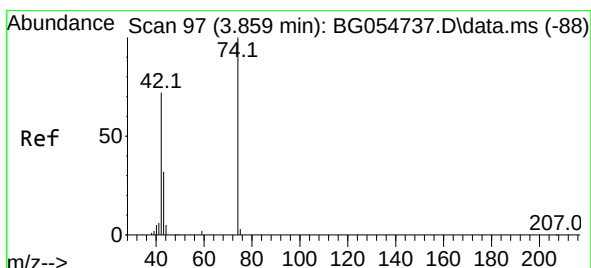
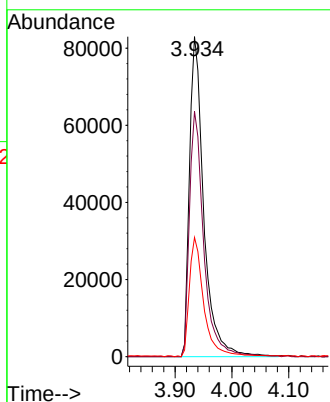
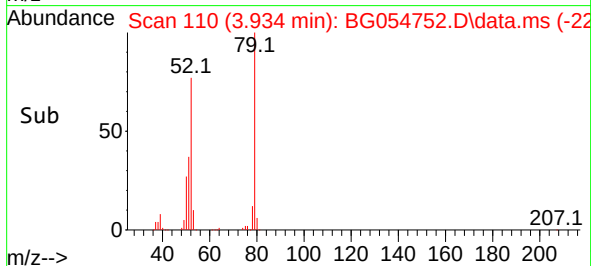
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Tgt Ion: 79 Resp: 144448
Ion Ratio Lower Upper
79 100
52 76.6 61.4 92.0
51 37.2 31.4 47.0

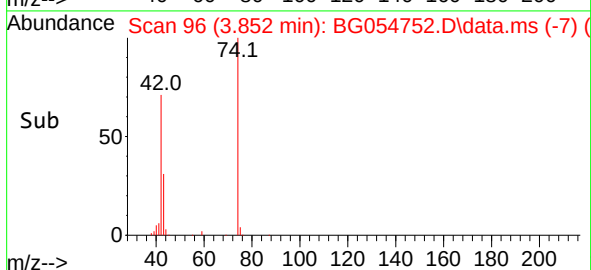
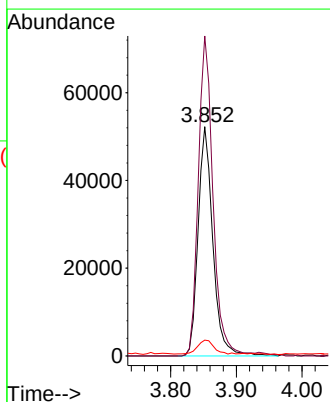
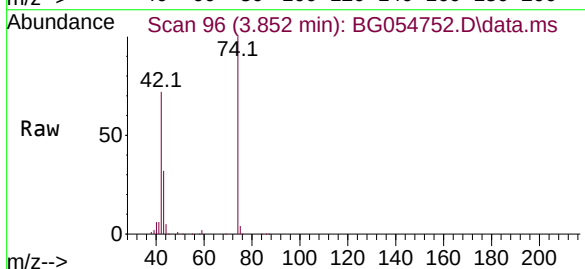
Manual Integrations
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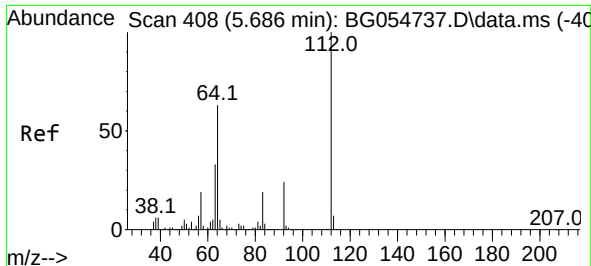
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#4
n-Nitrosodimethylamine
Concen: 45.751 ng
RT: 3.852 min Scan# 96
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

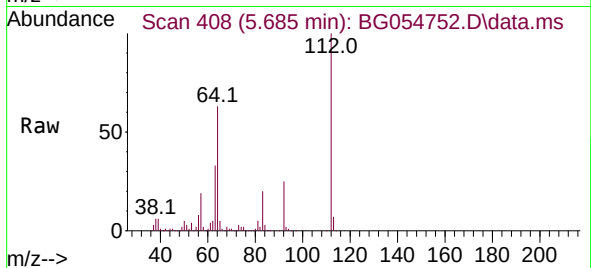
Tgt Ion: 42 Resp: 81353
Ion Ratio Lower Upper
42 100
74 139.6 109.6 164.4
44 6.9 5.5 8.3





#5
2-Fluorophenol
Concen: 150.398 ng
RT: 5.685 min Scan# 408
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

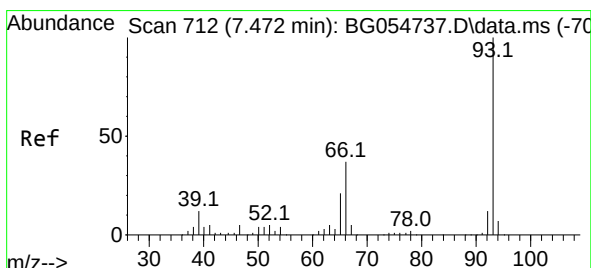
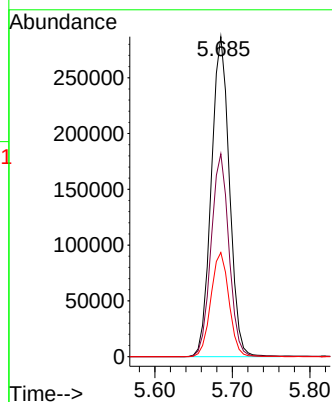
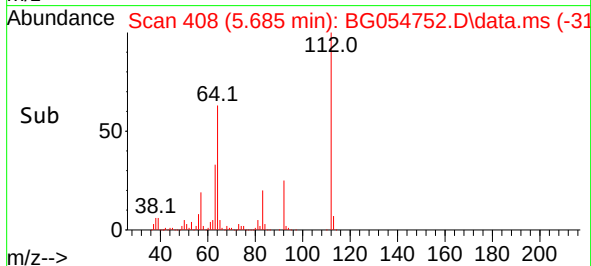
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Tgt Ion: 112 Resp: 464500
Ion Ratio Lower Upper
112 100
64 63.4 49.3 73.9
63 32.5 26.3 39.5

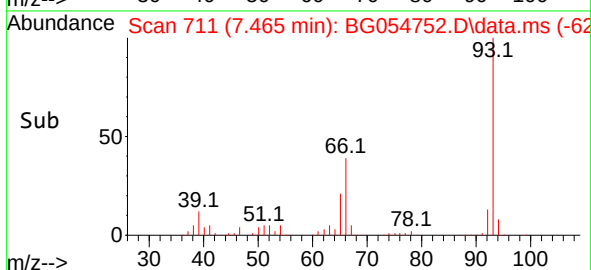
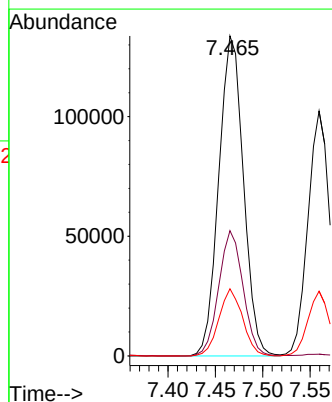
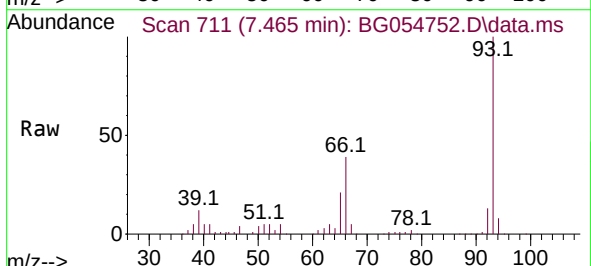
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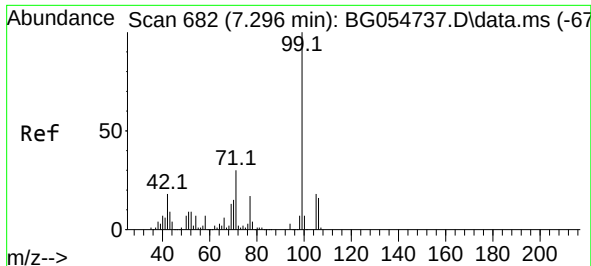
Reviewed By : Christian Giraldo 08/29/2022
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#6
Aniline
Concen: 48.265 ng
RT: 7.465 min Scan# 711
Delta R.T. -0.007 min
Lab File: BG054752.D
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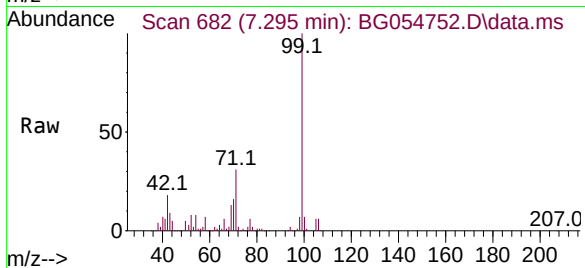
Tgt Ion: 93 Resp: 242212
Ion Ratio Lower Upper
93 100
66 39.1 31.8 47.8
65 21.0 16.6 25.0





#7
Phenol-d6
Concen: 141.160 ng
RT: 7.295 min Scan# 682
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

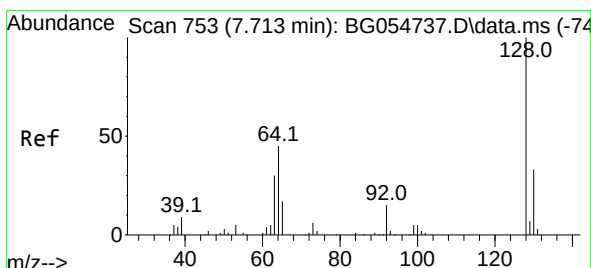
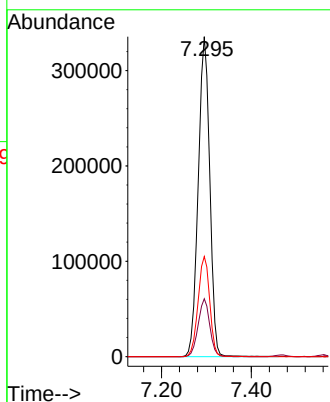
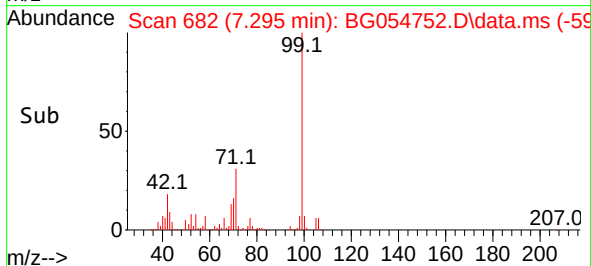
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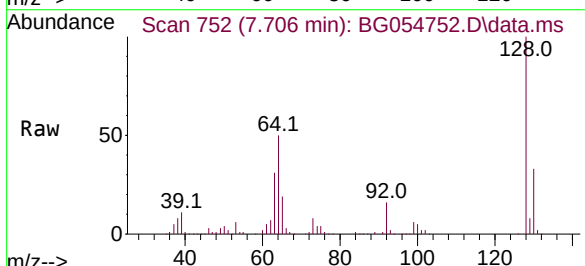
Tgt Ion: 99 Resp: 596228
Ion Ratio Lower Upper
99 100
42 18.1 14.6 22.0
71 31.3 24.6 37.0

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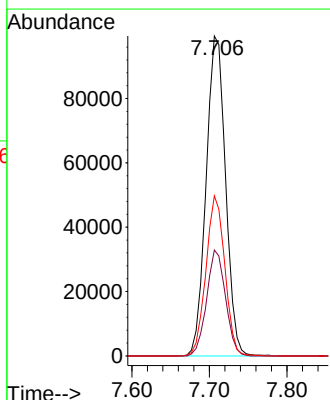
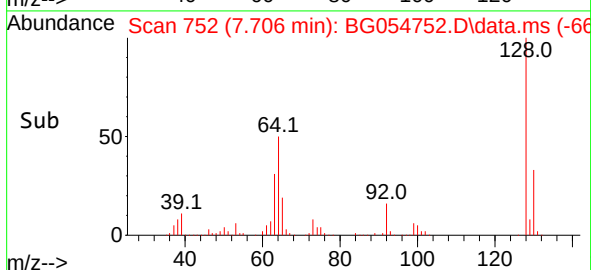
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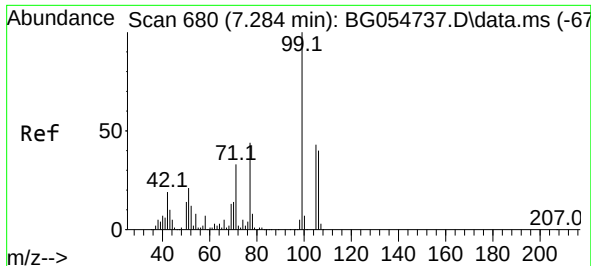


#8
2-Chlorophenol
Concen: 51.338 ng
RT: 7.706 min Scan# 752
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



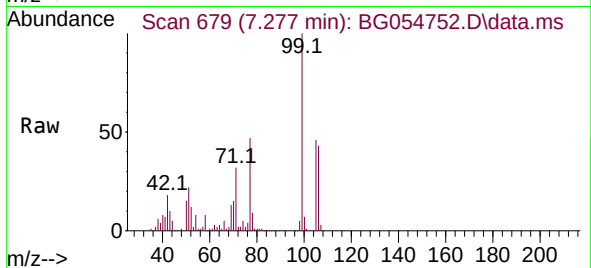
Tgt Ion:128 Resp: 173232
Ion Ratio Lower Upper
128 100
130 33.1 12.5 52.5
64 50.0 28.6 68.6





#9
Benzaldehyde
Concen: 36.316 ng
RT: 7.277 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

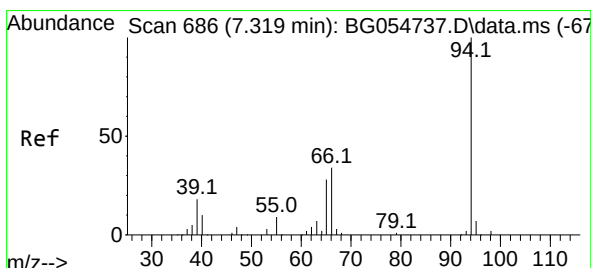
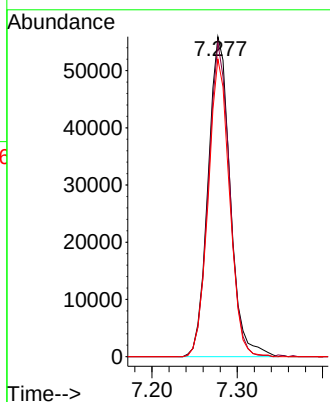
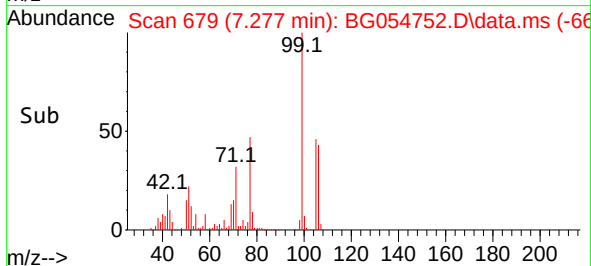
Instrument :
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Tgt Ion: 77 Resp: 100534
Ion Ratio Lower Upper
77 100
105 98.0 75.3 115.3
106 93.0 70.2 110.2

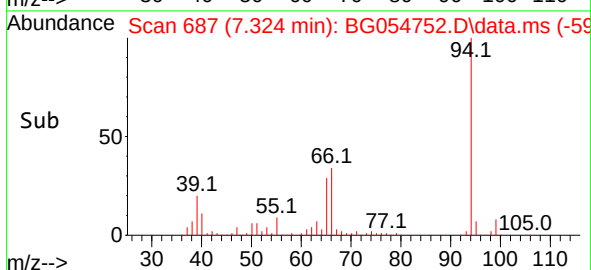
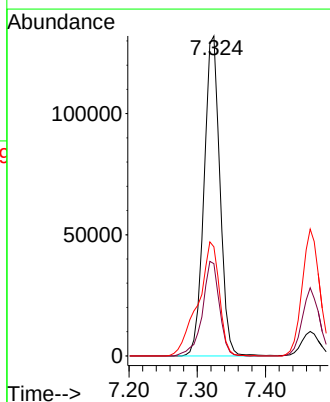
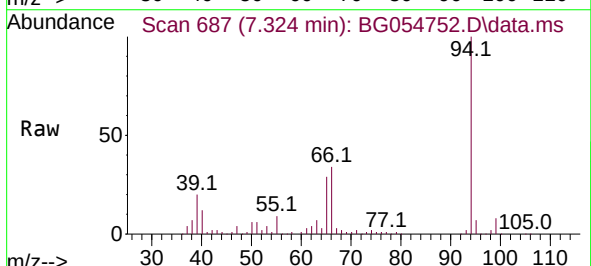
Manual Integrations
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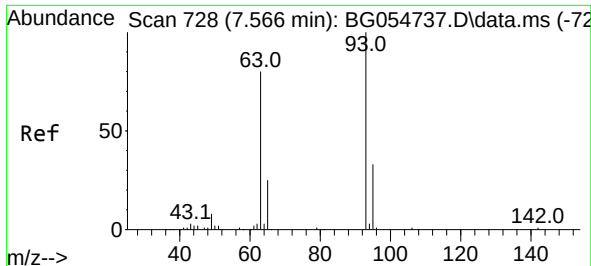
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#10
Phenol
Concen: 49.156 ng
RT: 7.324 min Scan# 687
Delta R.T. 0.005 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

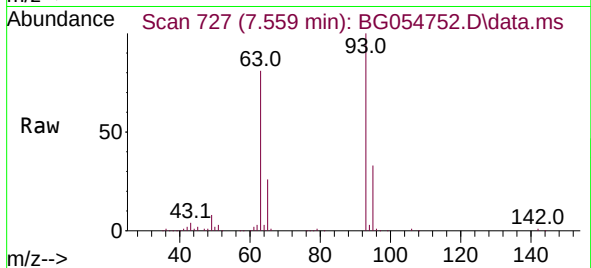
Tgt Ion: 94 Resp: 213520
Ion Ratio Lower Upper
94 100
65 28.8 9.9 49.9
66 34.1 16.4 56.4





#11
bis(2-Chloroethyl)ether
Concen: 47.336 ng
RT: 7.559 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

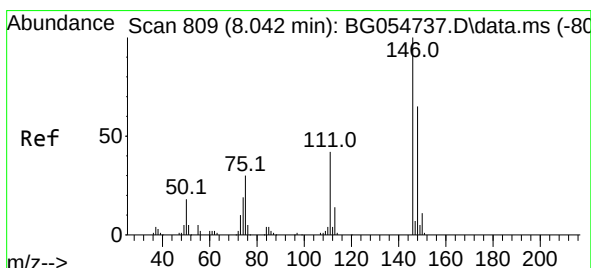
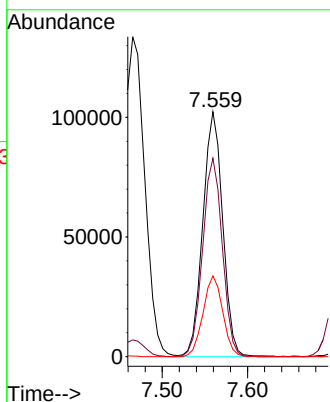
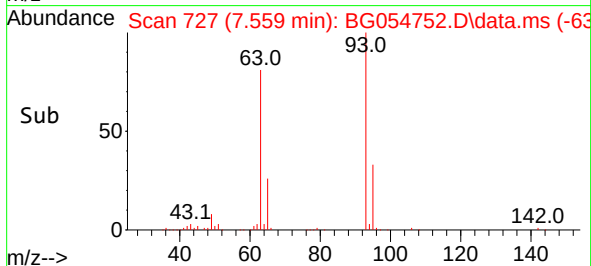
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



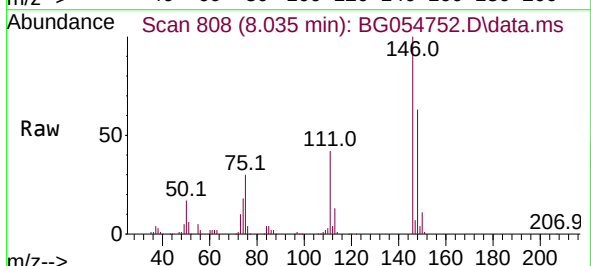
Tgt Ion: 93 Resp: 165368
Ion Ratio Lower Upper
93 100
63 81.0 62.1 102.1
95 33.0 12.1 52.1

Manual Integrations
APPROVED

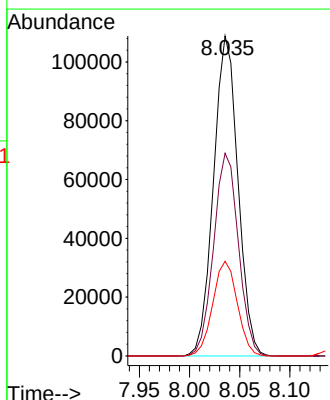
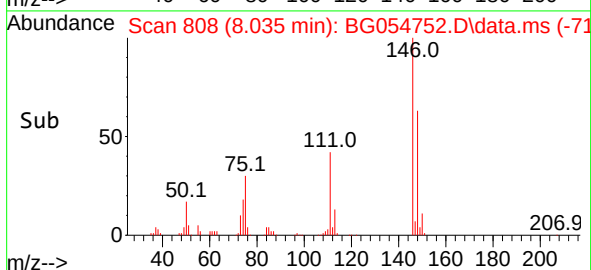
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

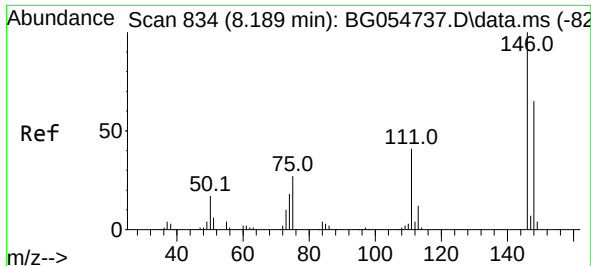


#12
1,3-Dichlorobenzene
Concen: 47.207 ng
RT: 8.035 min Scan# 808
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



Tgt Ion:146 Resp: 184341
Ion Ratio Lower Upper
146 100
148 63.3 50.6 76.0
75 29.6 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 47.280 ng

RT: 8.182 min Scan# 834

Delta R.T. -0.007 min

Lab File: BG054752.D

Acq: 26 Aug 2022 12:17

Instrument :

BNA_G

ClientSampleId :

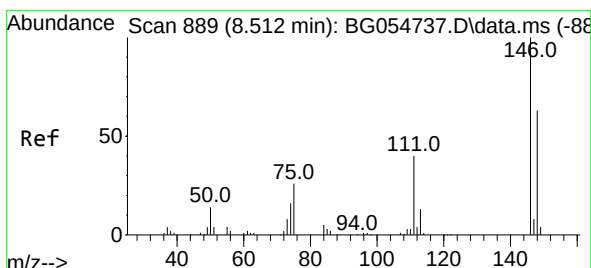
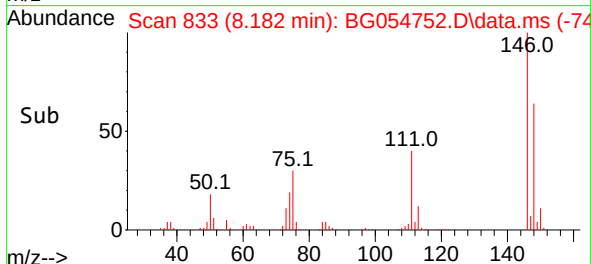
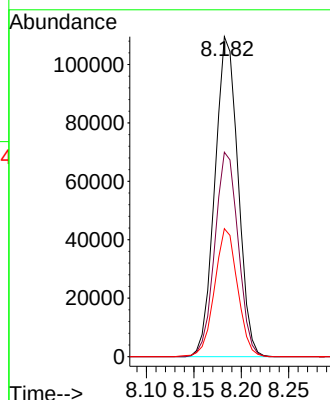
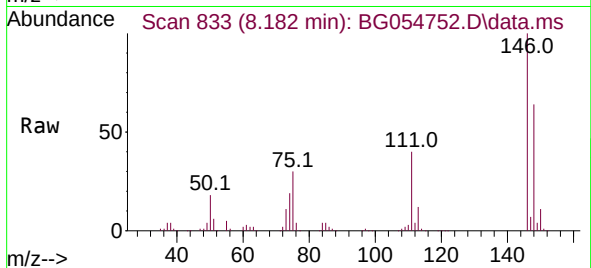
PB147143BSD

Tgt Ion:146 Resp: 186228
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 111 40.0 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: 48.249 ng

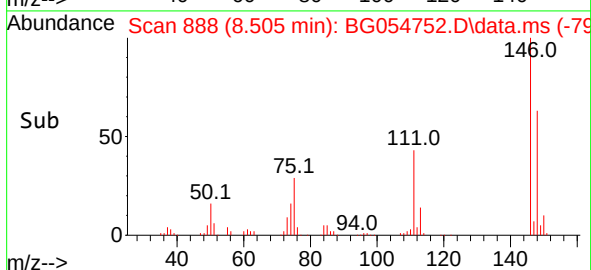
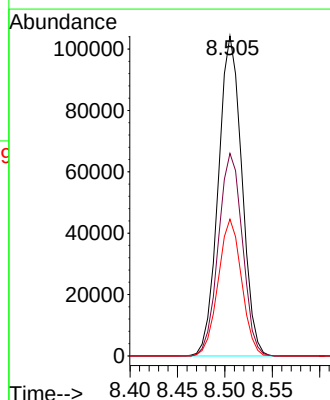
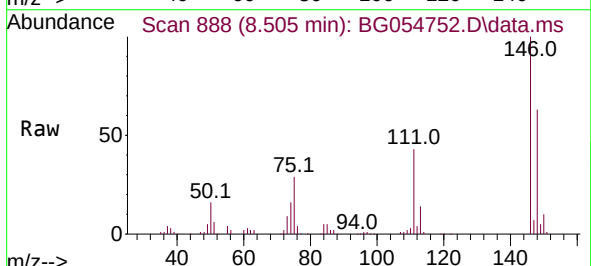
RT: 8.505 min Scan# 888

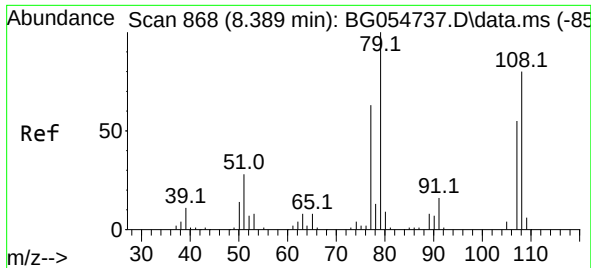
Delta R.T. -0.007 min

Lab File: BG054752.D

Acq: 26 Aug 2022 12:17

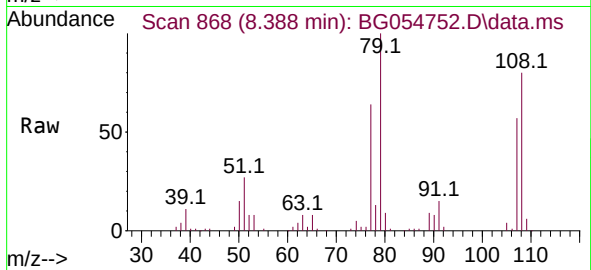
Tgt Ion:146 Resp: 180204
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.2 76.8
 111 42.7 34.3 51.5





#15
Benzyl Alcohol
Concen: 48.740 ng m
RT: 8.388 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

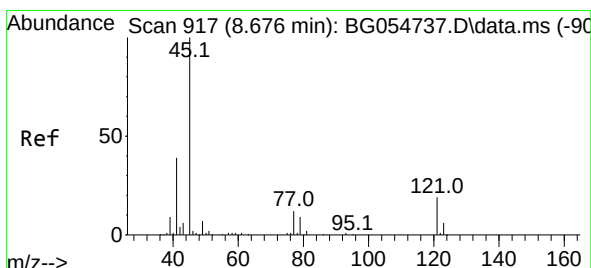
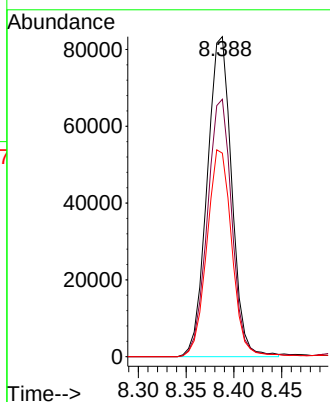
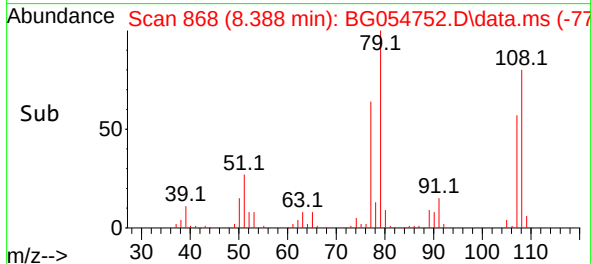
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



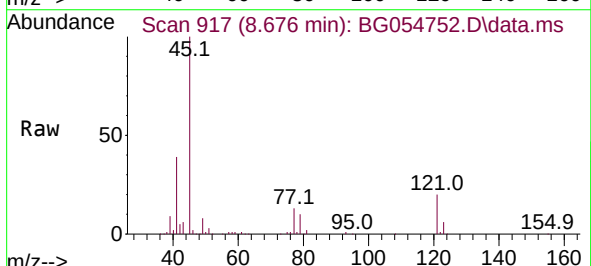
Tgt Ion: 79 Resp: 14872
Ion Ratio Lower Upper
79 100
108 80.4 63.4 95.0
77 63.6 55.0 82.4

Manual Integrations
APPROVED

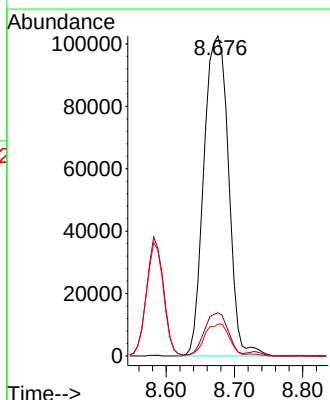
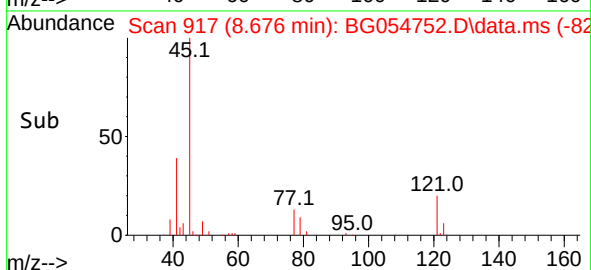
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

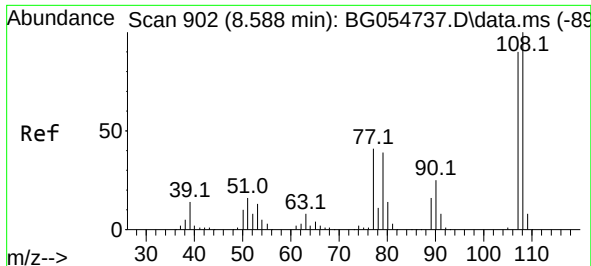


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.013 ng
RT: 8.676 min Scan# 917
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



Tgt Ion: 45 Resp: 256988
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.8
79 9.9 0.0 30.4





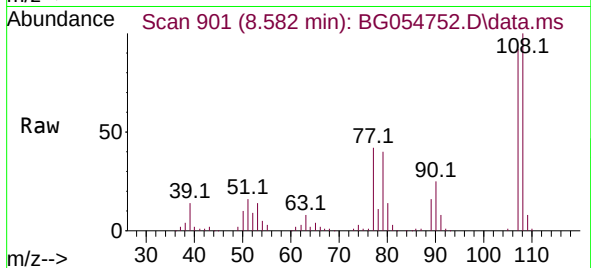
#17
2-Methylphenol
Concen: 48.962 ng
RT: 8.582 min Scan# 901
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB147143BSD

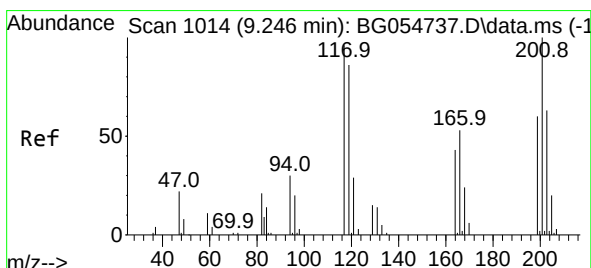
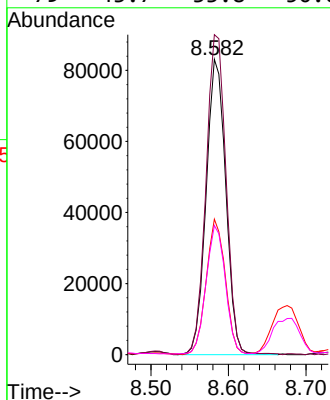
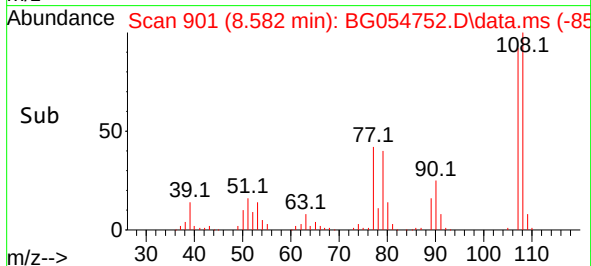


Tgt Ion:107 Resp: 146430
Ion Ratio Lower Upper
107 100
108 108.4 85.6 128.4
77 45.9 35.8 53.8
79 43.7 33.8 50.6

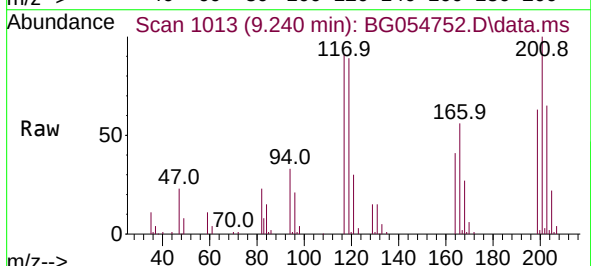
Manual Integrations

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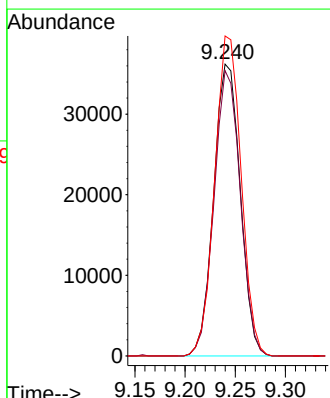
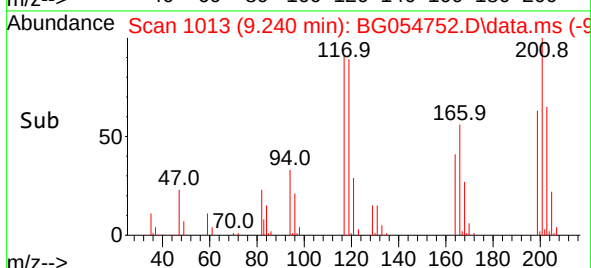
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

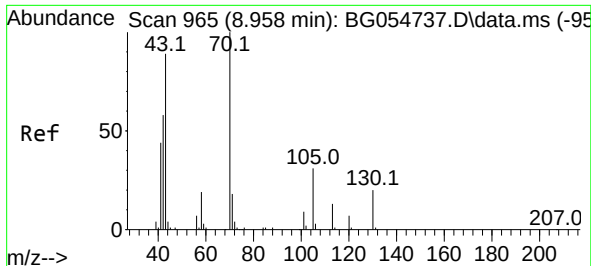


#18
Hexachloroethane
Concen: 46.796 ng
RT: 9.240 min Scan# 1013
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



Tgt Ion:117 Resp: 66839
Ion Ratio Lower Upper
117 100
119 97.7 77.0 115.6
201 109.7 87.2 130.8





#19

n-Nitroso-di-n-propylamine

Concen: 45.194 ng

RT: 8.958 min Scan# 965

Delta R.T. -0.001 min

Lab File: BG054752.D

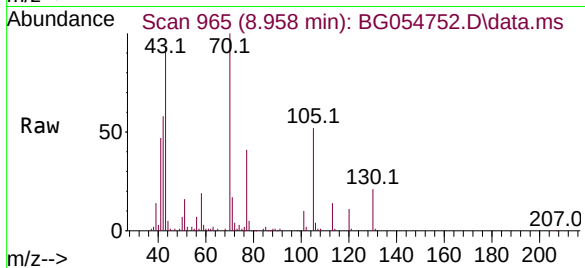
Acq: 26 Aug 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB147143BSD



Tgt Ion: 70 Resp: 131270

Ion Ratio Lower Upper

70 100

42 58.4 46.6 69.8

101 9.6 7.7 11.5

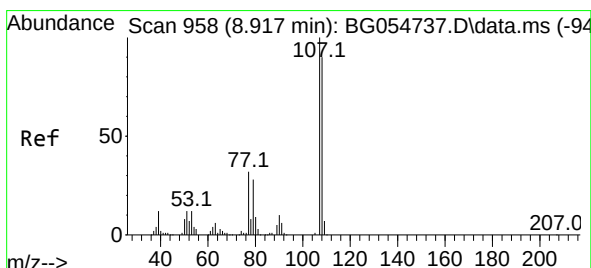
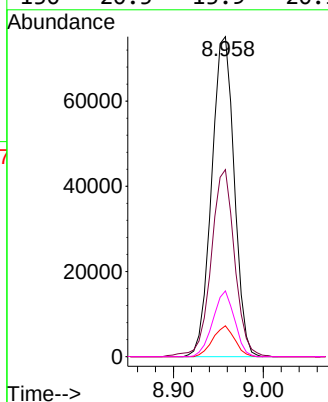
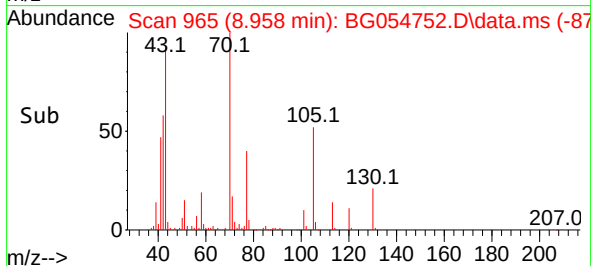
130 20.5 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/29/2022

Supervised By :Jagrut Upadhyay 08/29/2022



#20

3+4-Methylphenols

Concen: 47.597 ng

RT: 8.917 min Scan# 958

Delta R.T. -0.001 min

Lab File: BG054752.D

Acq: 26 Aug 2022 12:17

Tgt Ion:107 Resp: 197390

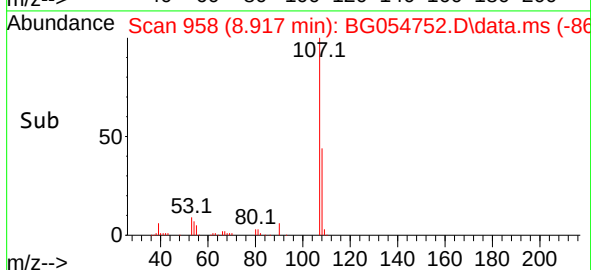
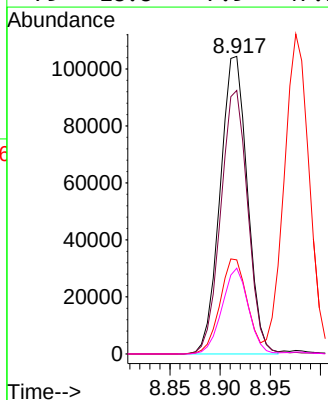
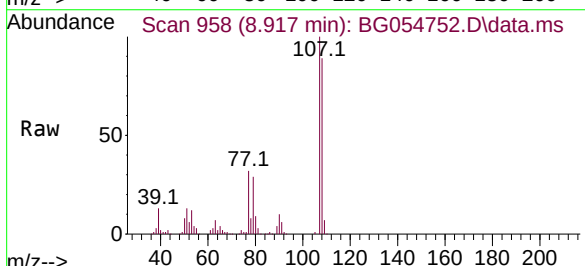
Ion Ratio Lower Upper

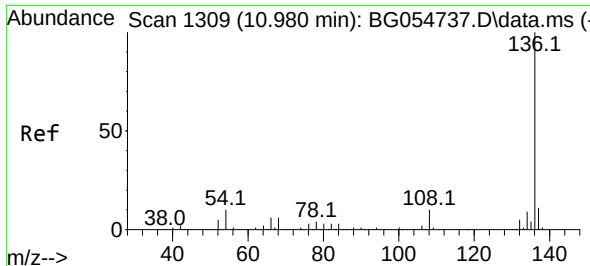
107 100

108 88.6 71.6 111.6

77 31.6 13.1 53.1

79 28.8 7.9 47.9





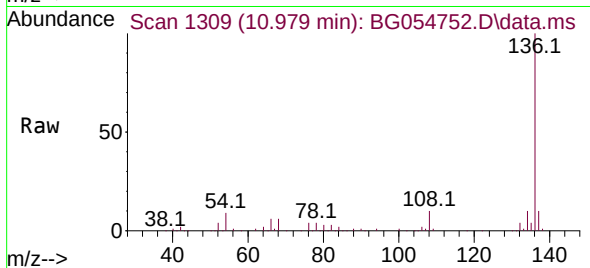
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1309
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB147143BSD

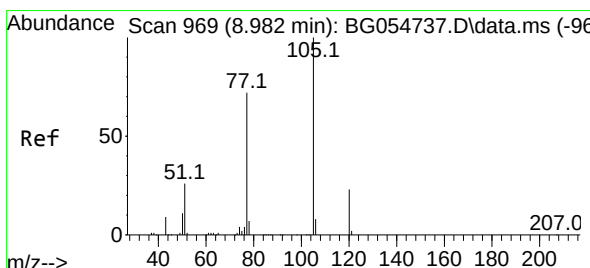
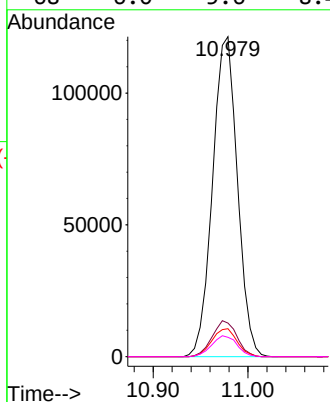
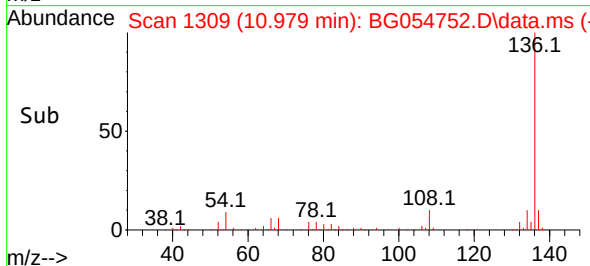


Tgt Ion:136 Resp: 220798
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 8.7 7.7 11.5
68 6.0 5.6 8.4

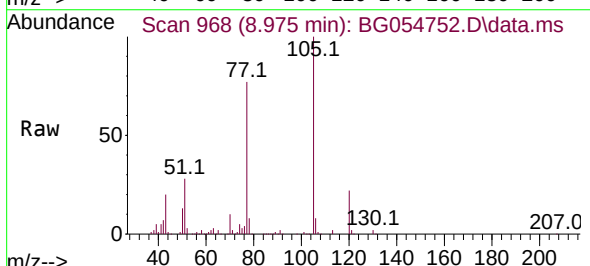
Manual Integrations

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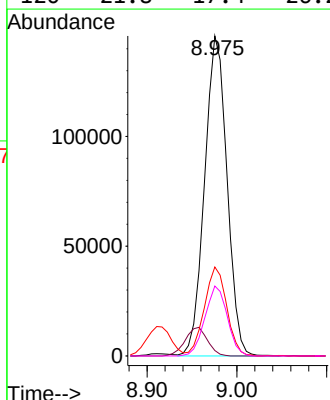
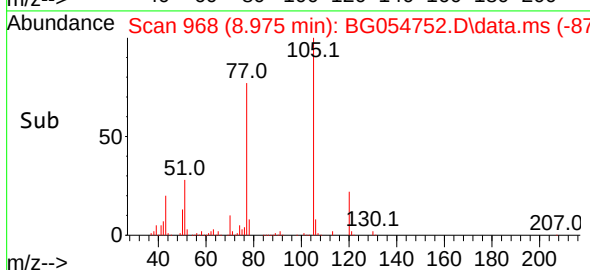
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

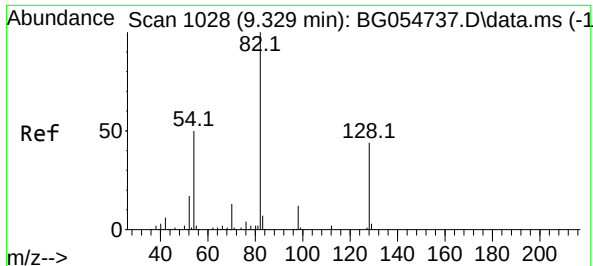


#22
Acetophenone
Concen: 45.907 ng
RT: 8.975 min Scan# 968
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



Tgt Ion:105 Resp: 253589
Ion Ratio Lower Upper
105 100
71 1.7 1.2 1.8
51 27.8 22.9 34.3
120 21.8 17.4 26.2





#23

Nitrobenzene-d5

Concen: 86.298 ng

RT: 9.322 min Scan# 1027

Delta R.T. -0.007 min

Lab File: BG054752.D

Acq: 26 Aug 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB147143BSD

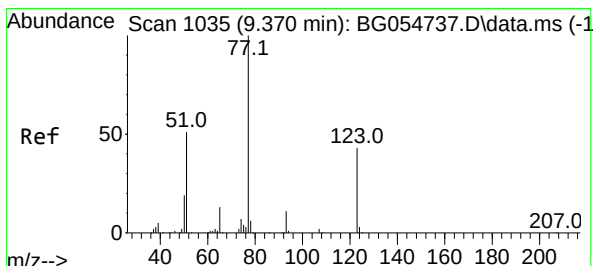
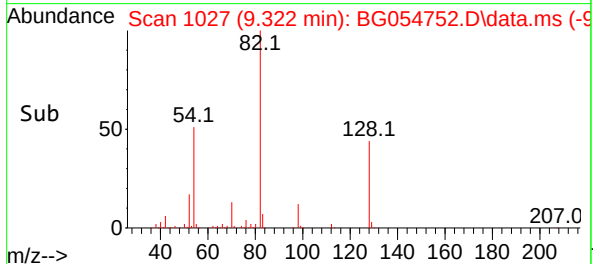
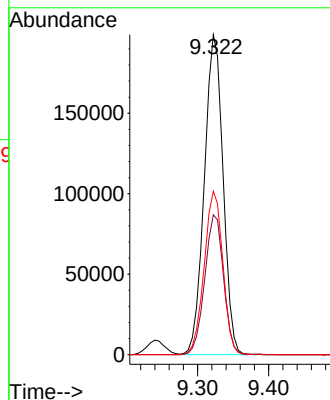
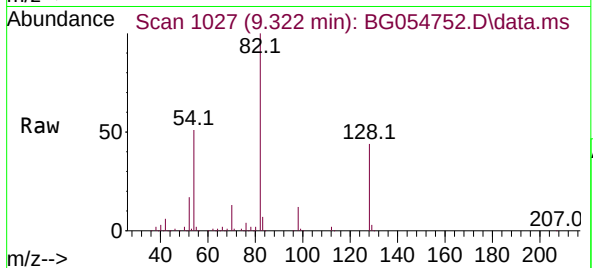
Tgt Ion:	82	Resp:	362968
Ion Ratio	Lower	Upper	
82	100		
128	43.7	32.2	48.2
54	51.1	41.4	62.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/29/2022

Supervised By :Jagrut Upadhyay 08/29/2022



#24

Nitrobenzene

Concen: 44.183 ng

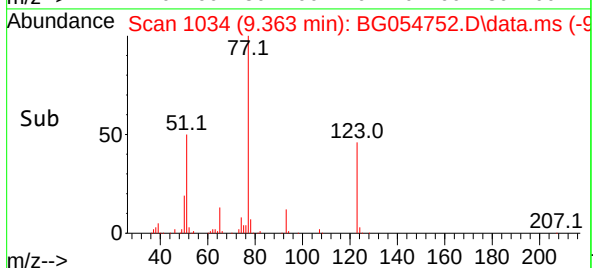
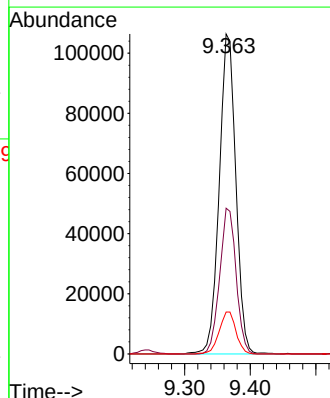
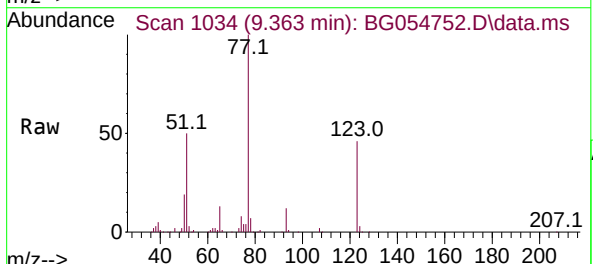
RT: 9.363 min Scan# 1034

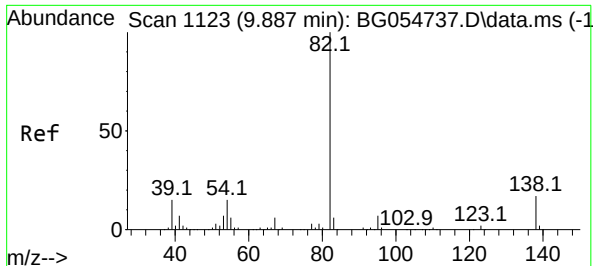
Delta R.T. -0.007 min

Lab File: BG054752.D

Acq: 26 Aug 2022 12:17

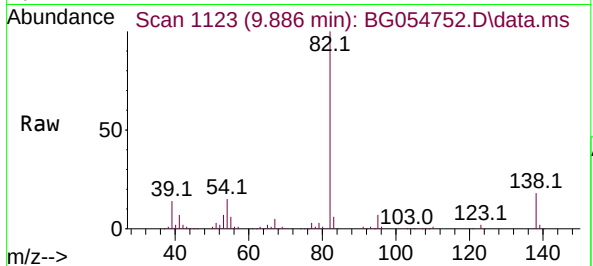
Tgt Ion:	77	Resp:	187306
Ion Ratio	Lower	Upper	
77	100		
123	45.5	35.0	52.6
65	13.1	10.2	15.2





#25
Isophorone
Concen: 45.957 ng
RT: 9.886 min Scan# 1123
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

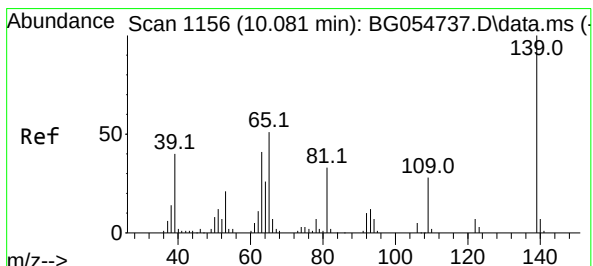
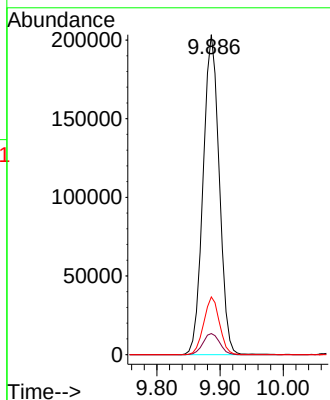
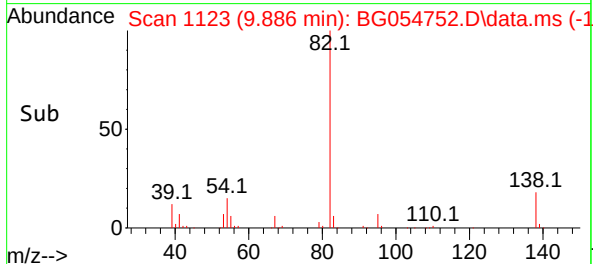
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



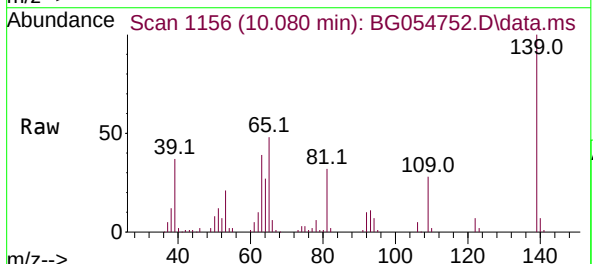
Tgt Ion: 82 Resp: 360412
Ion Ratio Lower Upper
82 100
95 6.6 5.6 8.4
138 18.0 13.9 20.9

Manual Integrations
APPROVED

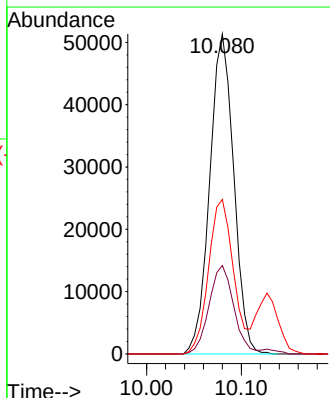
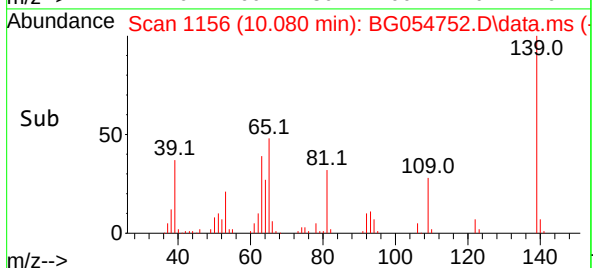
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

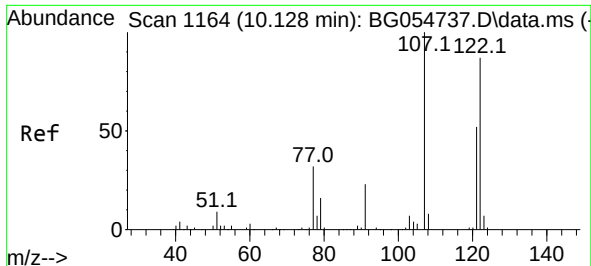


#26
2-Nitrophenol
Concen: 48.301 ng
RT: 10.080 min Scan# 1156
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



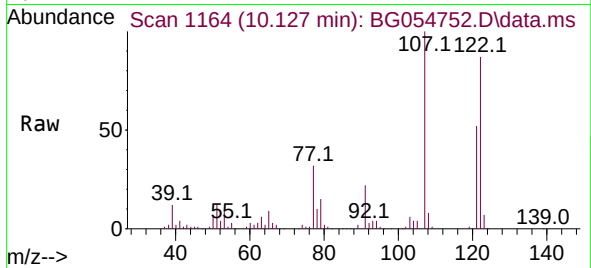
Tgt Ion:139 Resp: 90449
Ion Ratio Lower Upper
139 100
109 27.6 21.8 32.6
65 48.3 37.4 56.0





#27
2,4-Dimethylphenol
Concen: 53.367 ng
RT: 10.127 min Scan# 1164
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

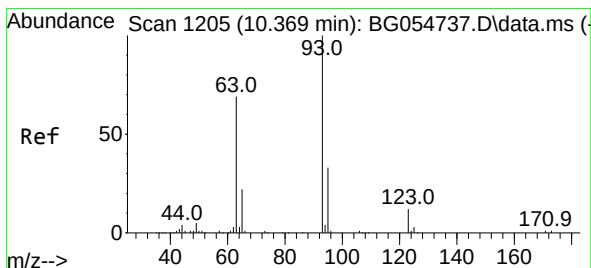
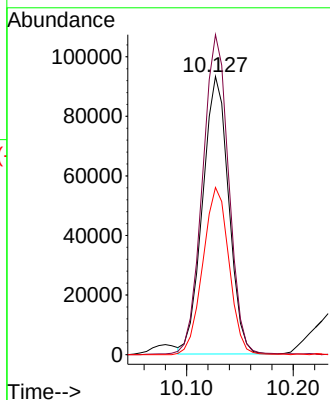
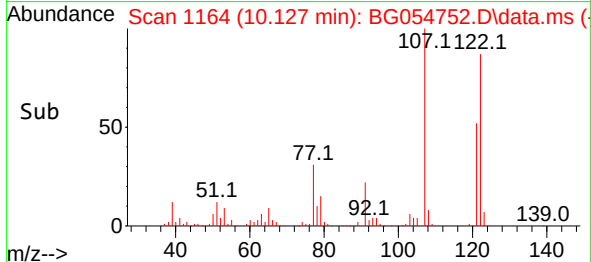
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



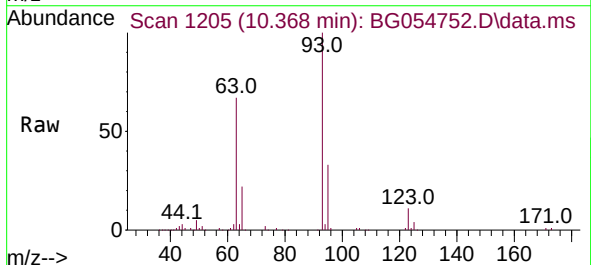
Tgt Ion:122 Resp: 158340
Ion Ratio Lower Upper
122 100
107 115.0 94.6 142.0
121 60.1 49.8 74.6

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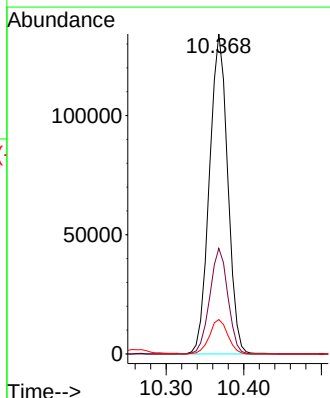
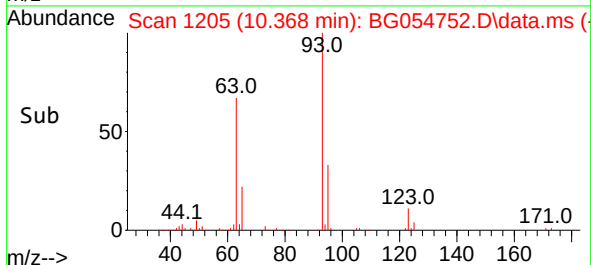
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

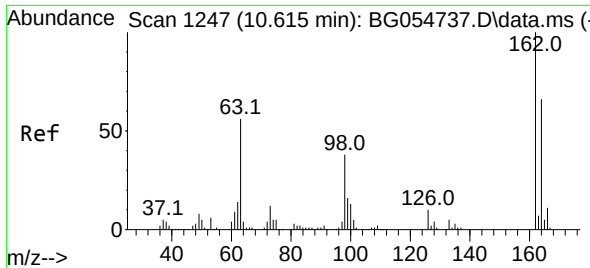


#28
bis(2-Chloroethoxy)methane
Concen: 49.172 ng
RT: 10.368 min Scan# 1205
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



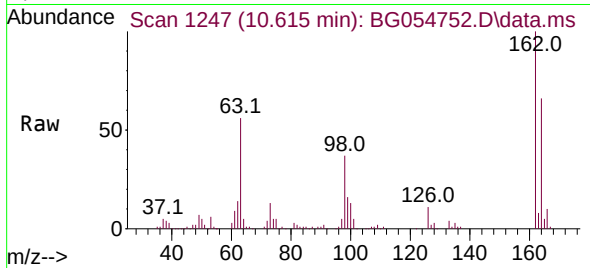
Tgt Ion: 93 Resp: 219738
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.2
123 10.7 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 47.339 ng
RT: 10.615 min Scan# 1247
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

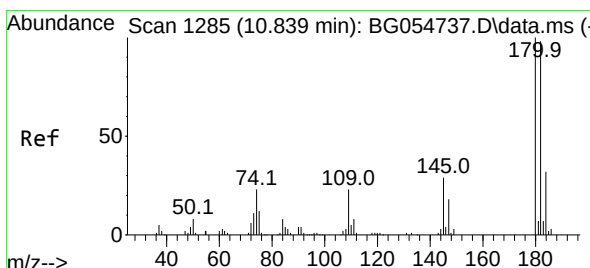
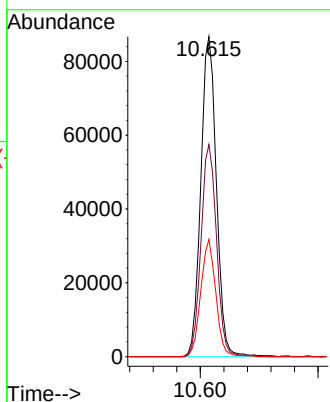
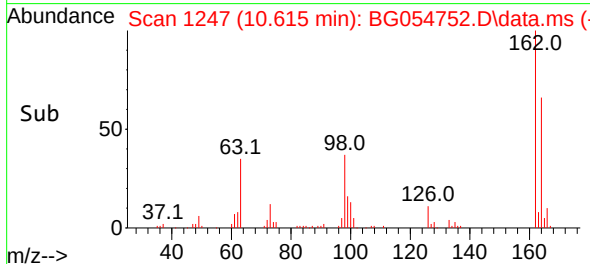
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



Tgt Ion:162 Resp: 159758
Ion Ratio Lower Upper
162 100
164 66.3 47.2 87.2
98 36.6 16.6 56.6

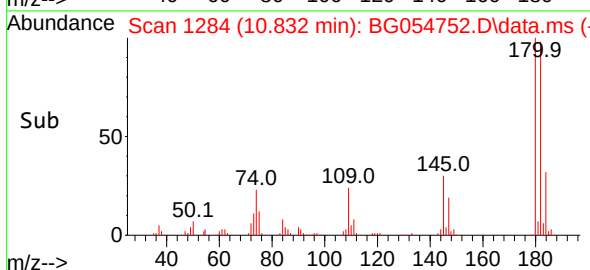
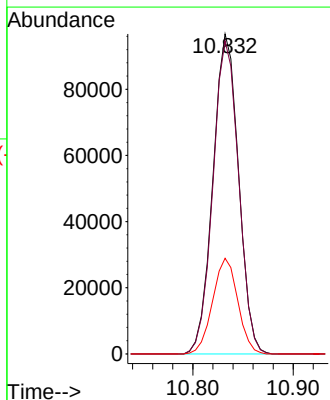
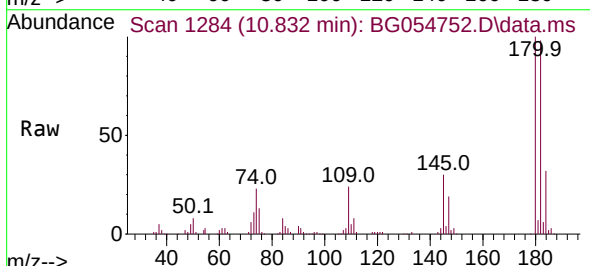
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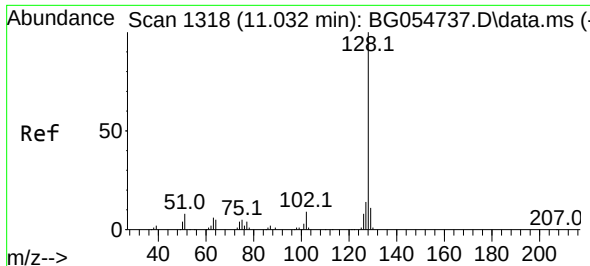
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#30
1,2,4-Trichlorobenzene
Concen: 44.536 ng
RT: 10.832 min Scan# 1284
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

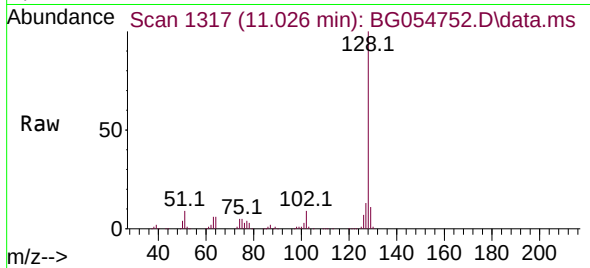
Tgt Ion:180 Resp: 171757
Ion Ratio Lower Upper
180 100
182 97.8 77.0 115.6
145 29.9 24.0 36.0





#31
Naphthalene
Concen: 43.803 ng
RT: 11.026 min Scan# 1318
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

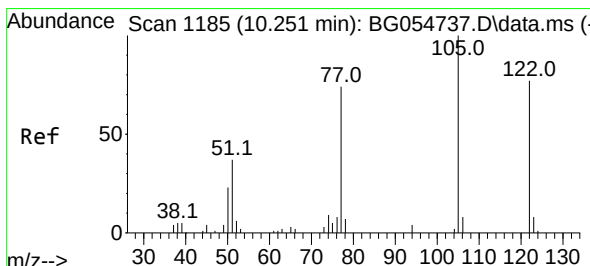
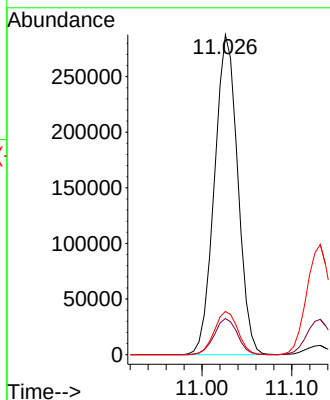
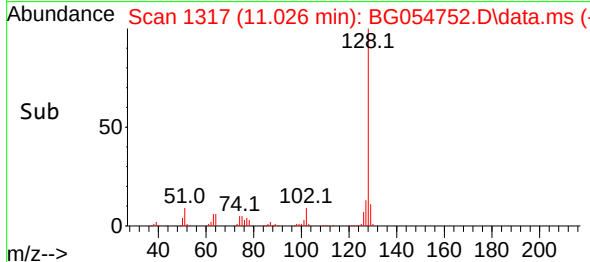
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



Tgt Ion:128 Resp: 518906
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.5 11.1 16.7

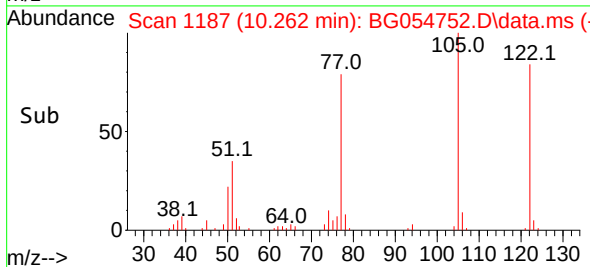
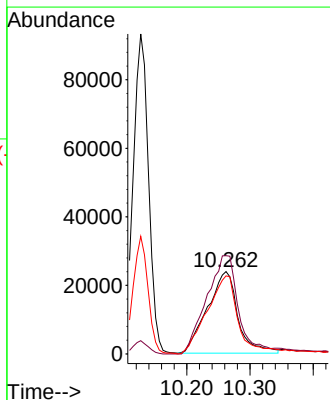
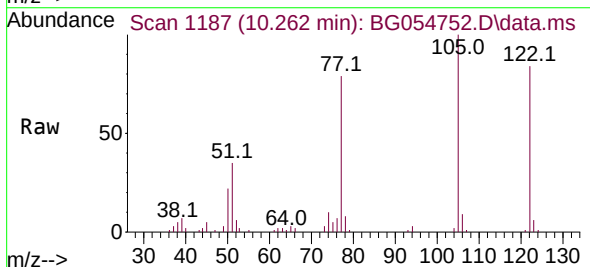
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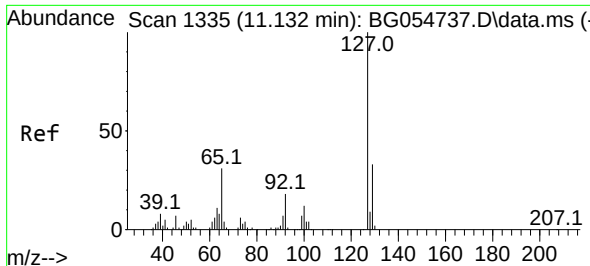
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#32
Benzoic acid
Concen: 39.454 ng
RT: 10.262 min Scan# 1187
Delta R.T. 0.011 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

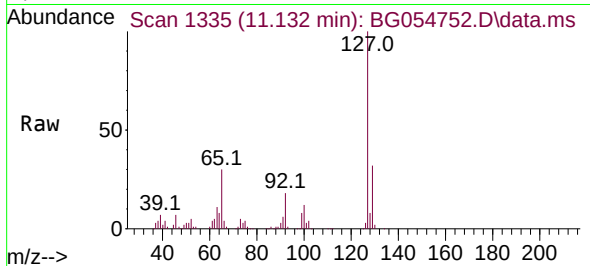
Tgt Ion:122 Resp: 80059
Ion Ratio Lower Upper
122 100
105 119.3 101.5 141.5
77 94.8 69.3 109.3





#33
4-Chloroaniline
Concen: 38.465 ng
RT: 11.132 min Scan# 1335
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

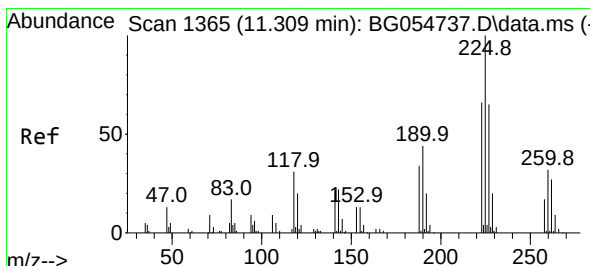
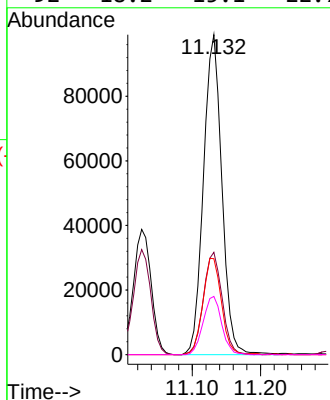
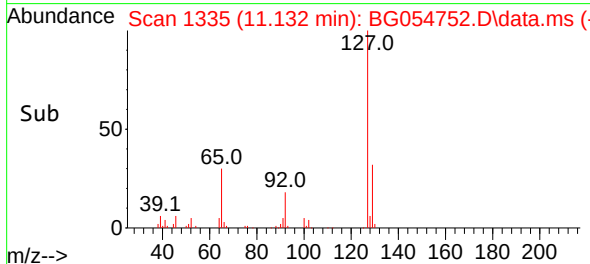
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



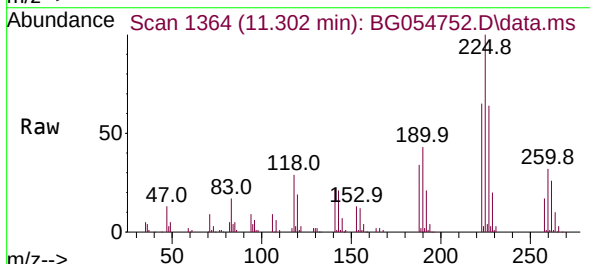
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.0	39.0
65	30.0	25.8	38.8
92	18.2	15.1	22.7

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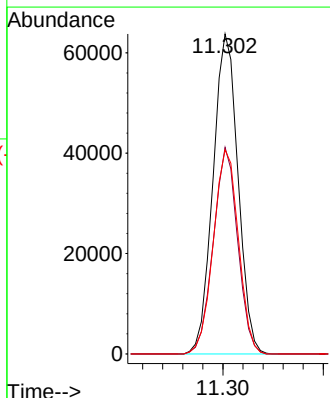
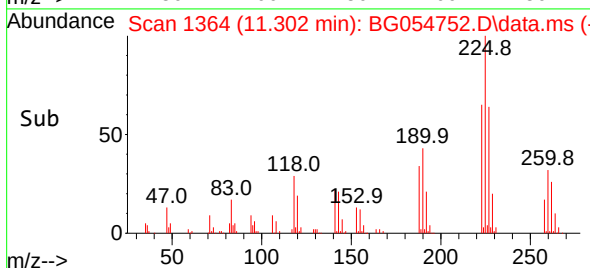
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

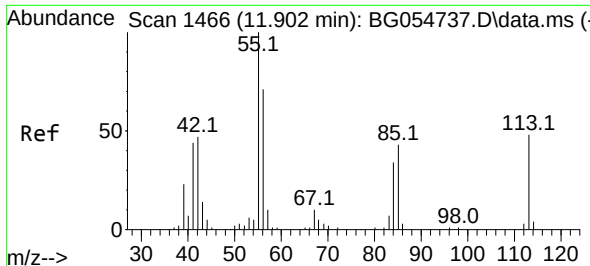


#34
Hexachlorobutadiene
Concen: 44.661 ng
RT: 11.302 min Scan# 1364
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



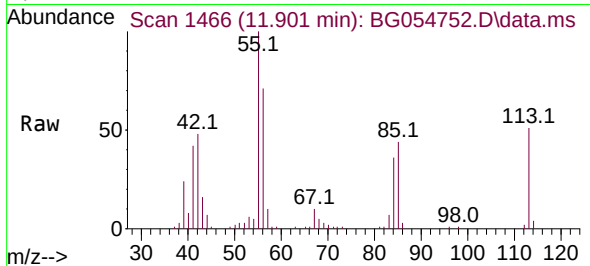
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.4	77.0
227	63.8	52.6	79.0





#35
Caprolactam
Concen: 46.222 ng m
RT: 11.901 min Scan# 14
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

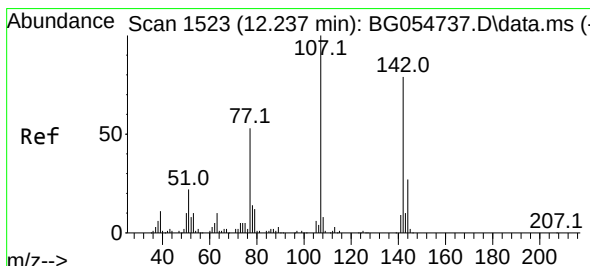
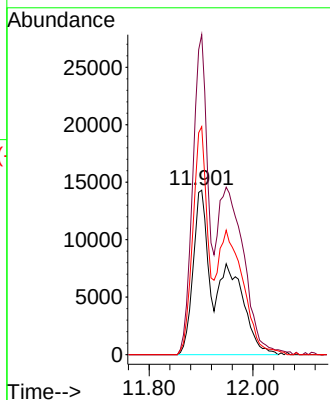
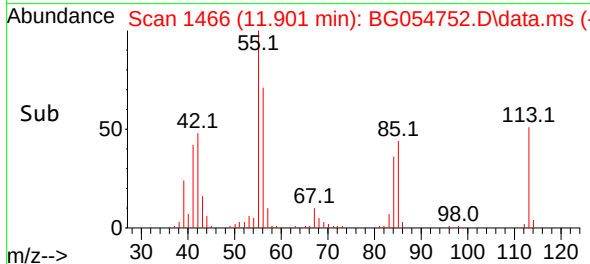
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



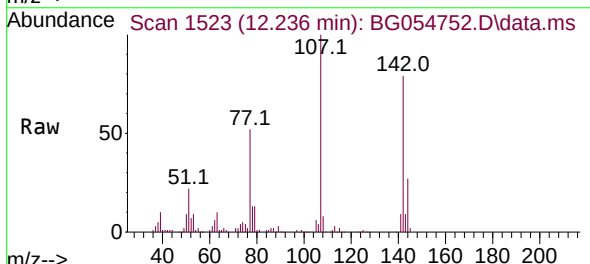
Tgt Ion:113 Resp: 55032
Ion Ratio Lower Upper
113 100
55 194.6 179.1 219.1
56 138.6 120.8 160.8

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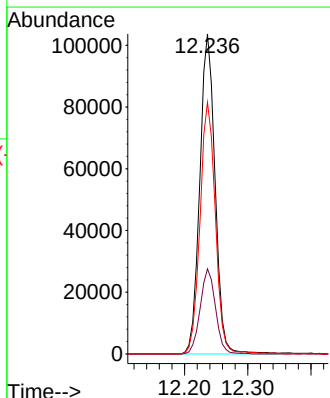
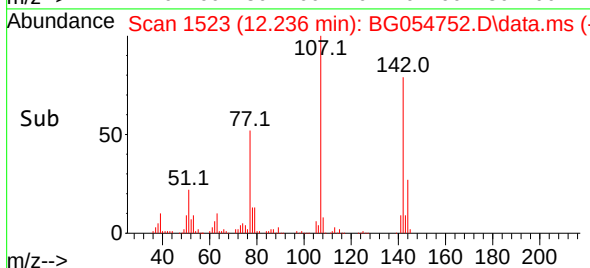
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

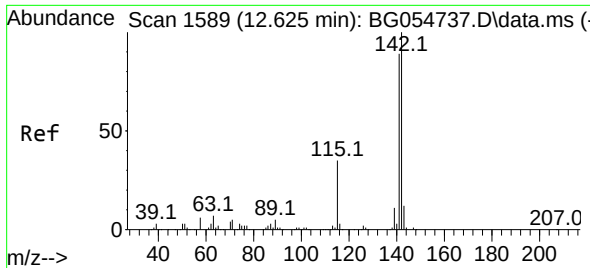


#36
4-Chloro-3-methylphenol
Concen: 47.133 ng
RT: 12.236 min Scan# 1523
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



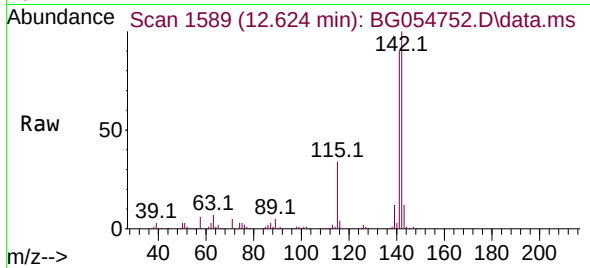
Tgt Ion:107 Resp: 173941
Ion Ratio Lower Upper
107 100
144 26.6 22.4 33.6
142 78.6 65.8 98.8





#37
2-Methylnaphthalene
Concen: 43.634 ng
RT: 12.624 min Scan# 1589
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

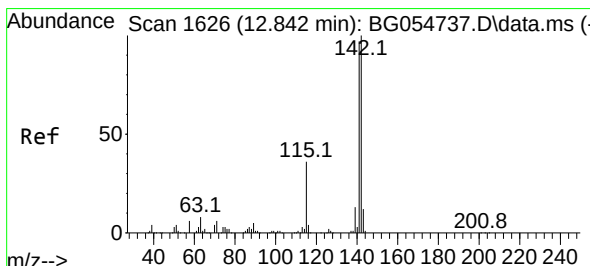
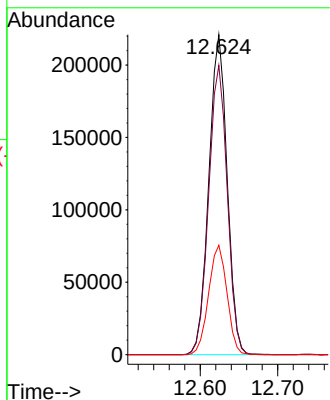
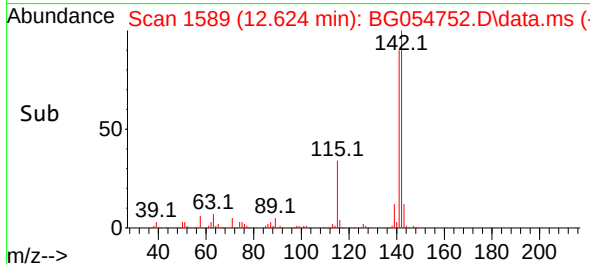
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



Tgt Ion:142 Resp: 362287
Ion Ratio Lower Upper
142 100
141 90.4 73.0 109.4
115 34.2 27.3 40.9

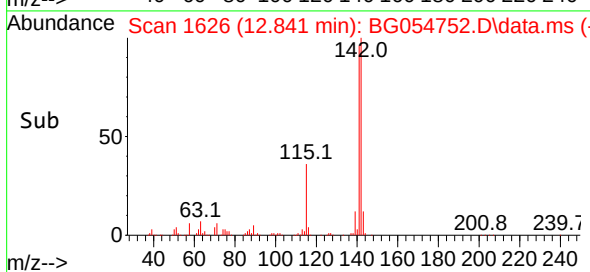
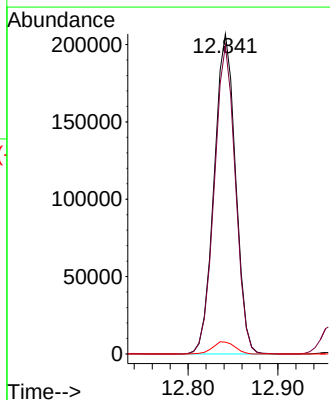
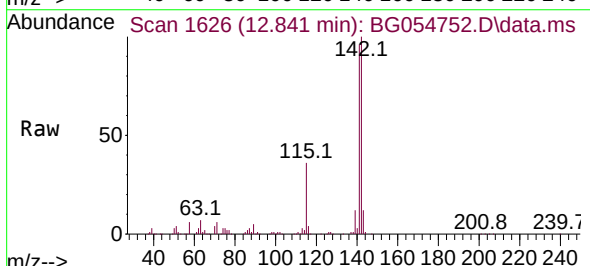
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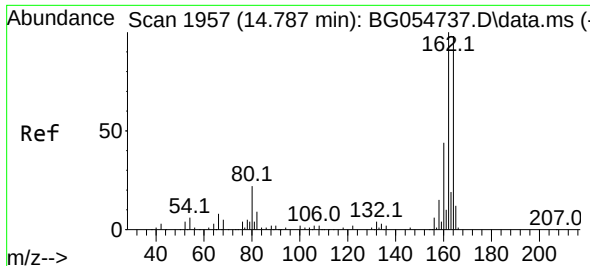
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#38
1-Methylnaphthalene
Concen: 42.355 ng
RT: 12.841 min Scan# 1626
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

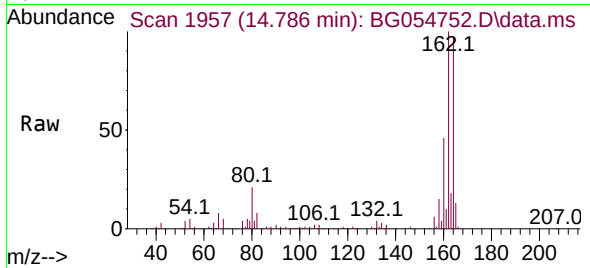
Tgt Ion:142 Resp: 342151
Ion Ratio Lower Upper
142 100
141 96.3 77.4 116.0
116 3.7 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.786 min Scan# 1957
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

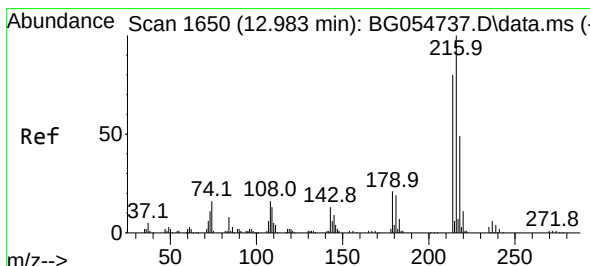
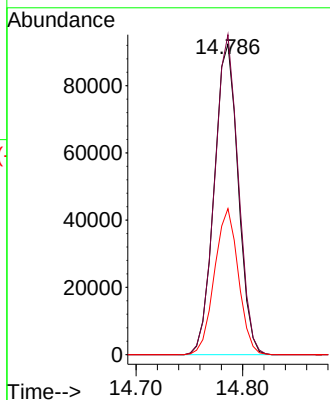
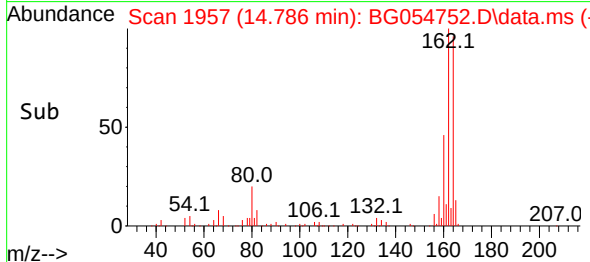
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



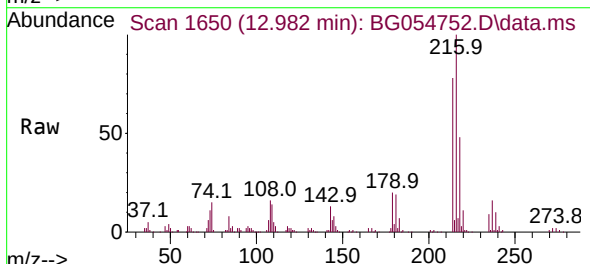
Tgt Ion:164 Resp: 144303
Ion Ratio Lower Upper
164 100
162 103.1 83.0 124.4
160 47.0 38.0 57.0

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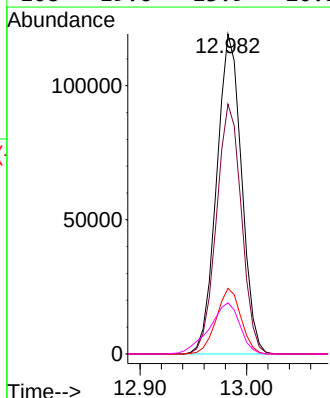
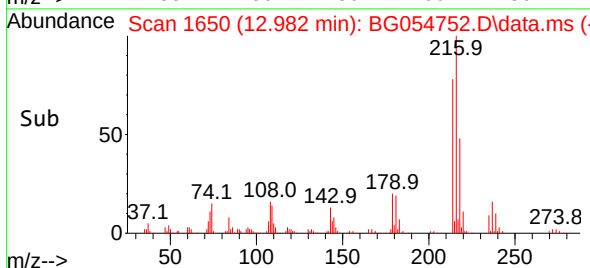
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

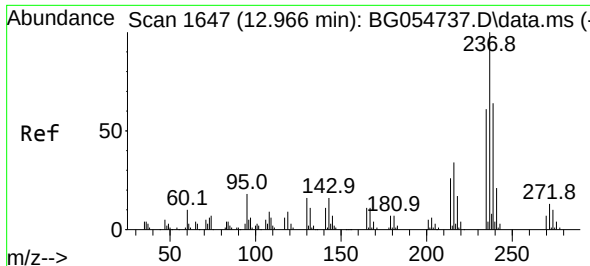


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.602 ng
RT: 12.982 min Scan# 1650
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



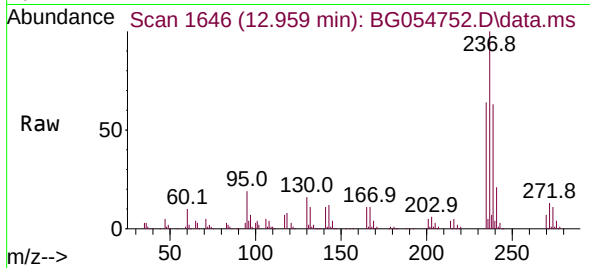
Tgt Ion:216 Resp: 194017
Ion Ratio Lower Upper
216 100
214 78.2 63.2 94.8
179 20.2 16.5 24.7
108 19.6 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 115.658 ng
RT: 12.959 min Scan# 1646
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

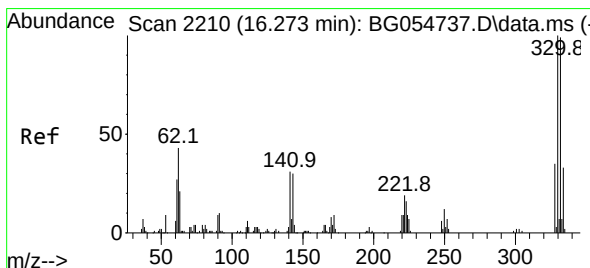
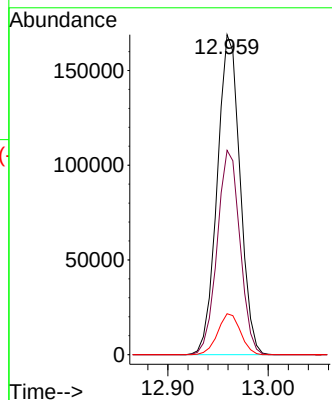
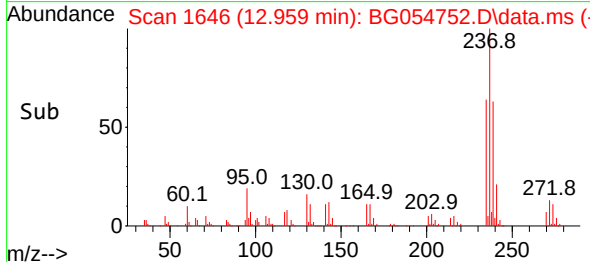
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



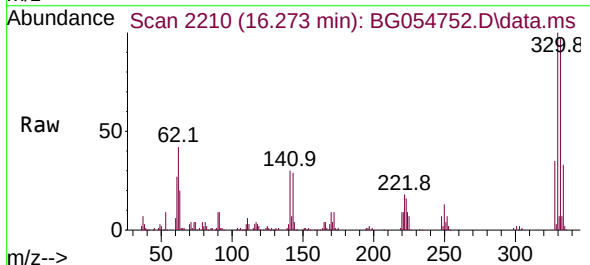
Tgt Ion:237 Resp: 266812
Ion Ratio Lower Upper
237 100
235 63.8 42.2 82.2
272 12.8 0.0 34.0

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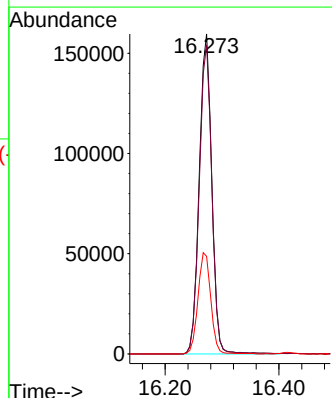
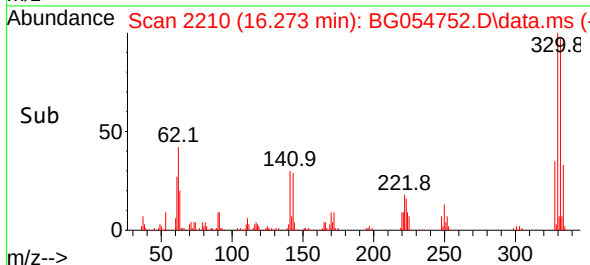
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

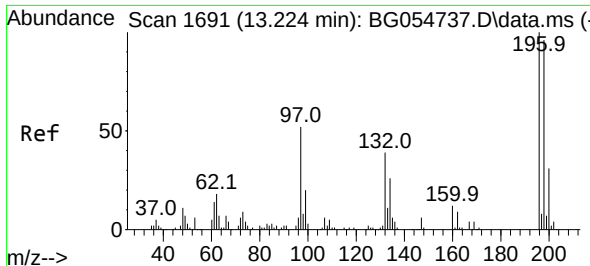


#42
2,4,6-Tribromophenol
Concen: 134.652 ng
RT: 16.273 min Scan# 2210
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



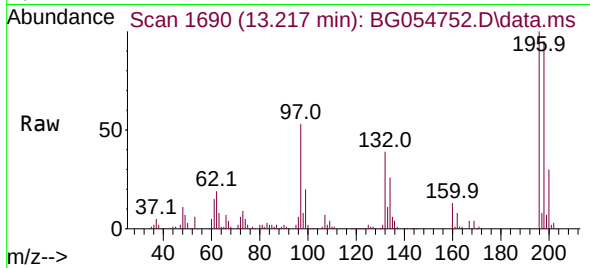
Tgt Ion:330 Resp: 242799
Ion Ratio Lower Upper
330 100
332 96.9 79.8 119.6
141 32.3 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 45.469 ng
RT: 13.217 min Scan# 1690
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

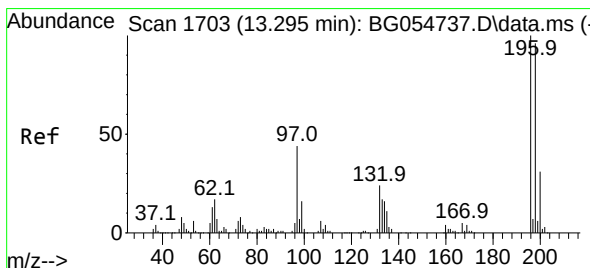
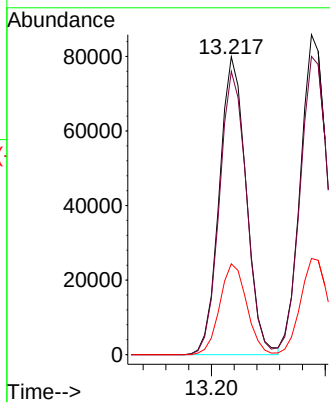
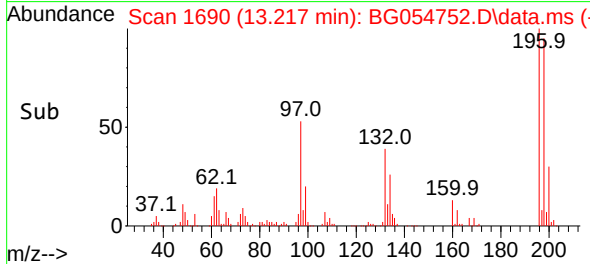
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



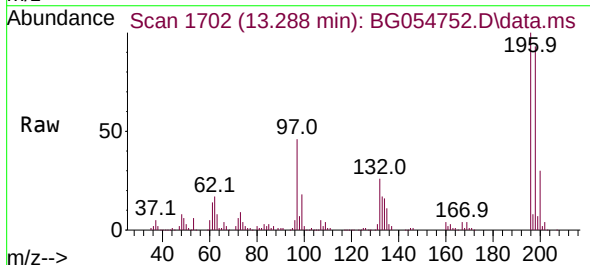
Tgt Ion:196 Resp: 131281
Ion Ratio Lower Upper
196 100
198 95.1 77.1 115.7
200 30.5 24.2 36.4

Manual Integrations
APPROVED

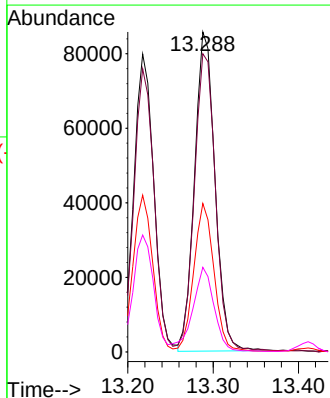
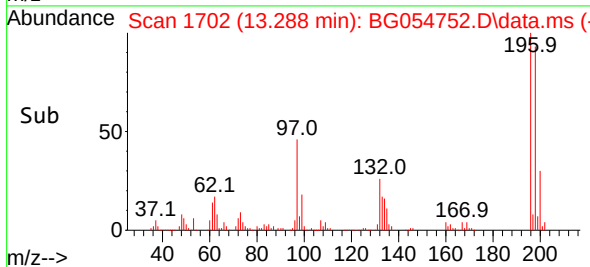
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

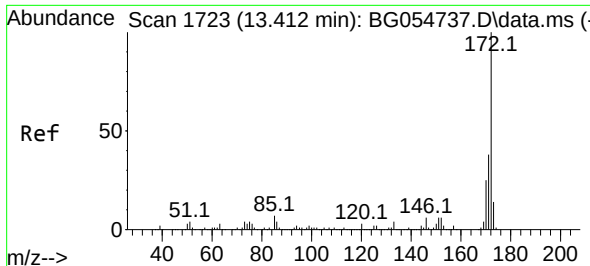


#44
2,4,5-Trichlorophenol
Concen: 44.064 ng
RT: 13.288 min Scan# 1702
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



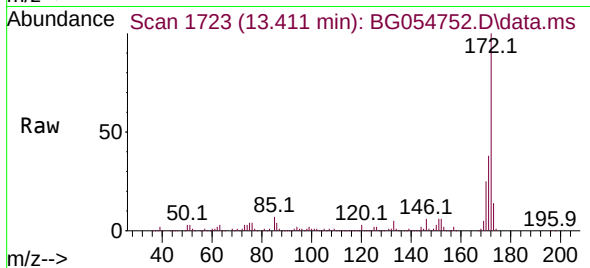
Tgt Ion:196 Resp: 142877
Ion Ratio Lower Upper
196 100
198 93.2 76.7 115.1
97 46.4 36.6 55.0
132 26.4 19.5 29.3





#45
2-Fluorobiphenyl
Concen: 83.686 ng
RT: 13.411 min Scan# 1723
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

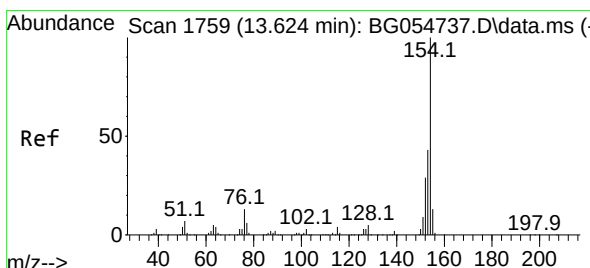
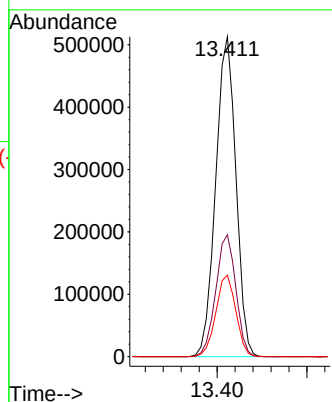
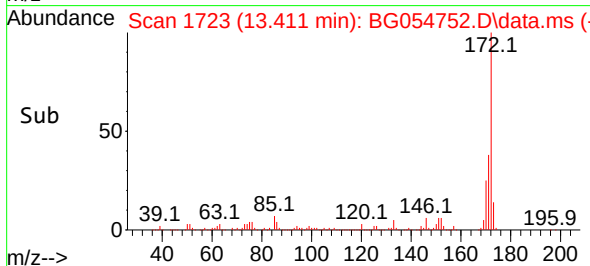
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



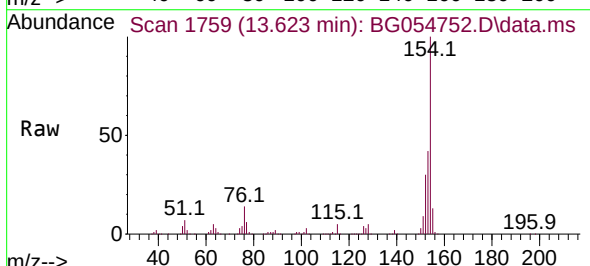
Tgt Ion:172 Resp: 803465
Ion Ratio Lower Upper
172 100
171 38.1 31.2 46.8
170 25.5 20.6 30.8

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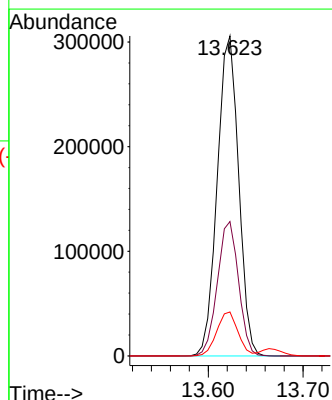
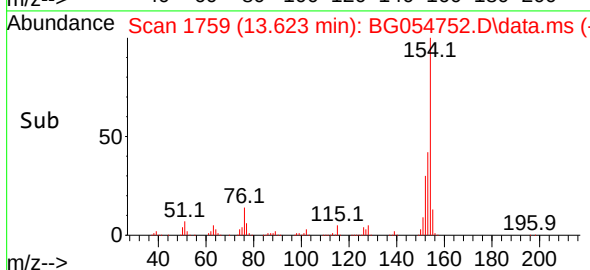
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

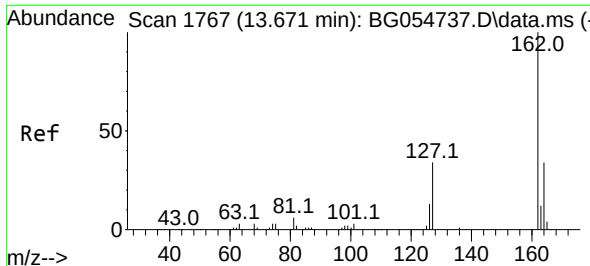


#46
1,1'-Biphenyl
Concen: 44.617 ng
RT: 13.623 min Scan# 1759
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



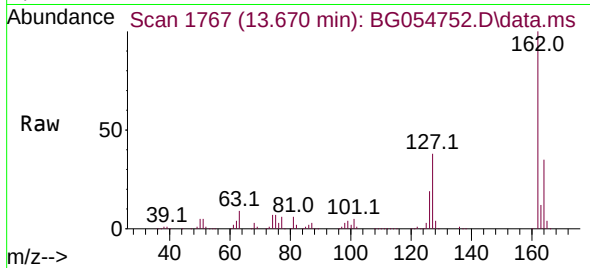
Tgt Ion:154 Resp: 478112
Ion Ratio Lower Upper
154 100
153 42.0 22.2 62.2
76 13.7 0.0 34.0





#47
2-Chloronaphthalene
Concen: 43.441 ng
RT: 13.670 min Scan# 1767
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

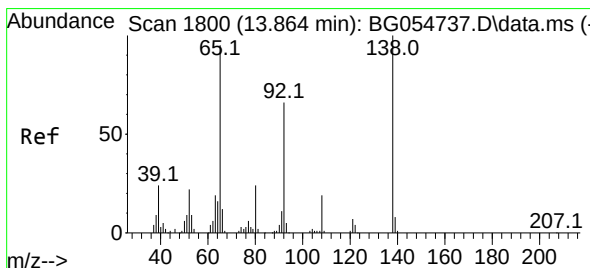
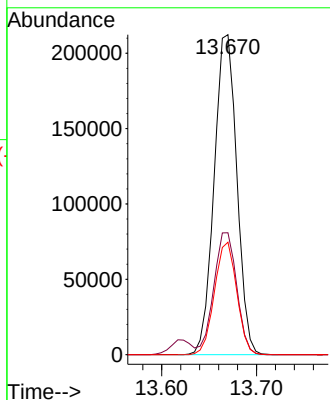
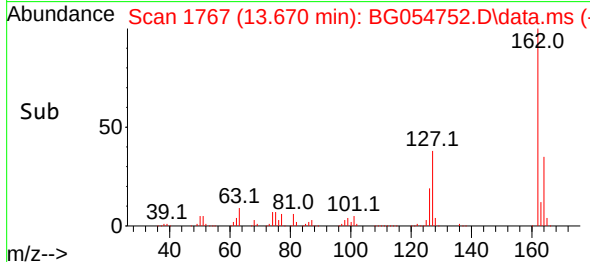
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



Tgt Ion:162 Resp: 353538
Ion Ratio Lower Upper
162 100
127 38.1 31.5 47.3
164 35.1 27.8 41.6

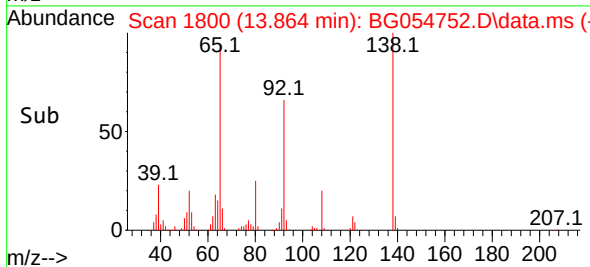
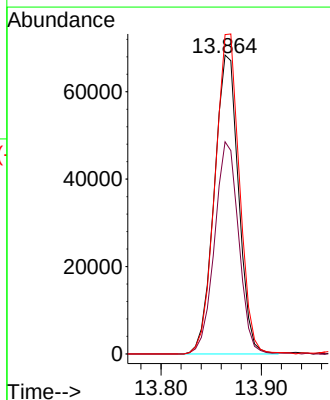
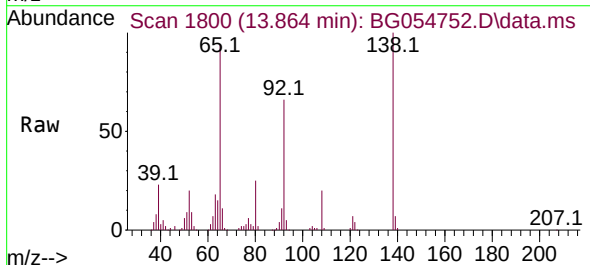
Manual Integrations
APPROVED

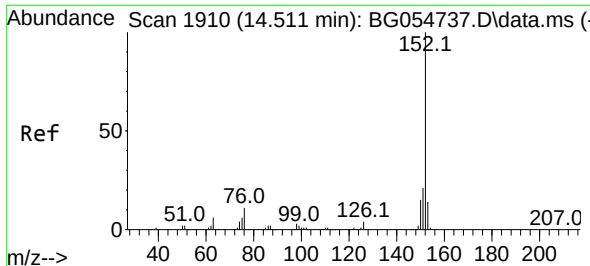
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#48
2-Nitroaniline
Concen: 45.228 ng
RT: 13.864 min Scan# 1800
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

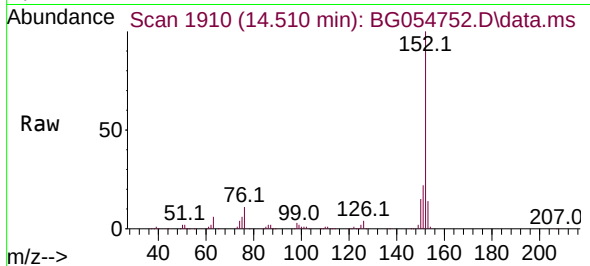
Tgt Ion: 65 Resp: 115355
Ion Ratio Lower Upper
65 100
92 71.0 54.7 82.1
138 106.8 84.1 126.1





#49
Acenaphthylene
Concen: 43.519 ng
RT: 14.510 min Scan# 1910
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

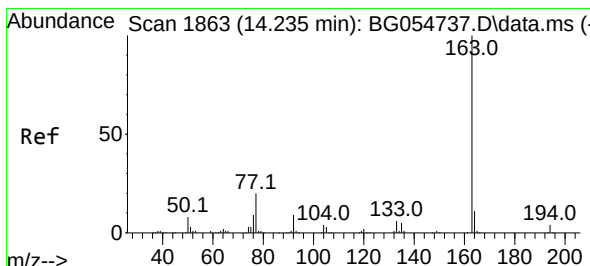
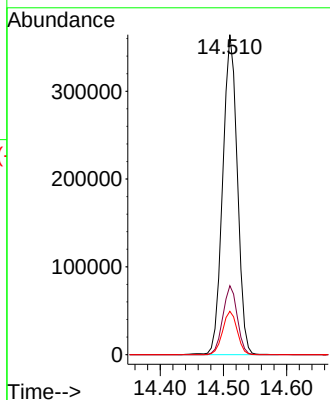
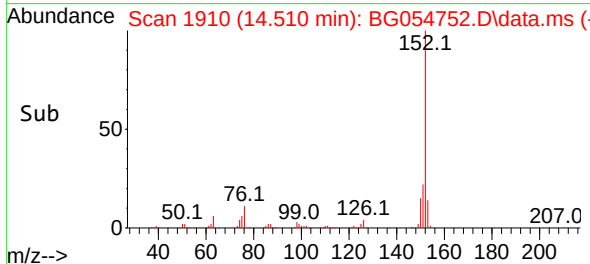
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



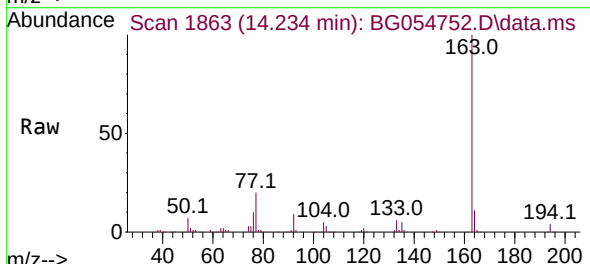
Tgt Ion:152 Resp: 584456
Ion Ratio Lower Upper
152 100
151 21.5 17.3 25.9
153 13.6 10.8 16.2

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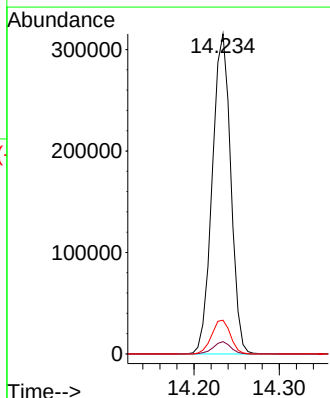
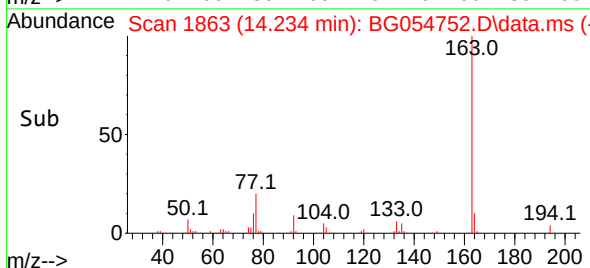
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

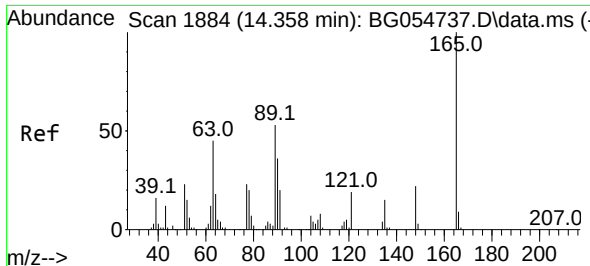


#50
Dimethylphthalate
Concen: 42.678 ng
RT: 14.234 min Scan# 1863
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



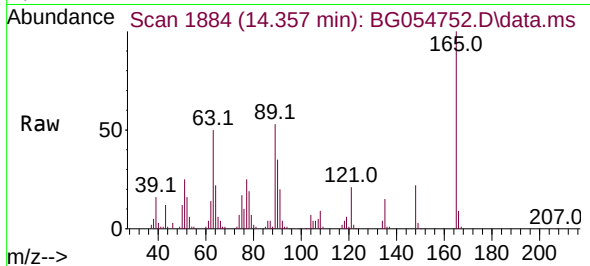
Tgt Ion:163 Resp: 474459
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.5 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 45.620 ng
RT: 14.357 min Scan# 1884
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

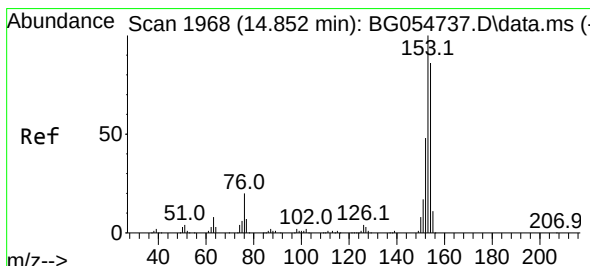
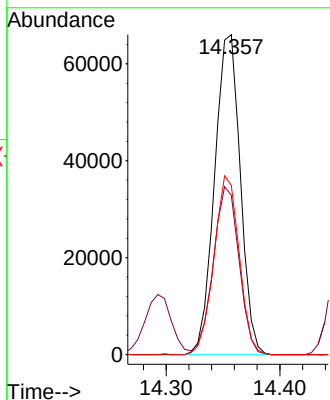
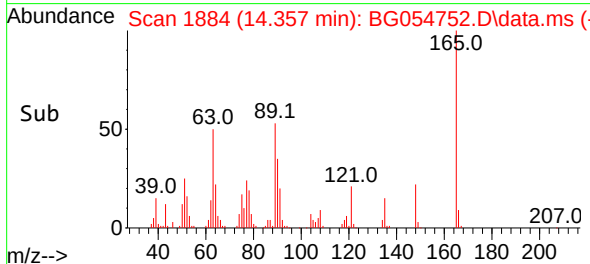
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



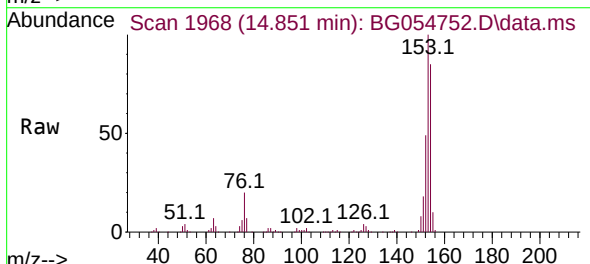
Tgt Ion:165 Resp: 103736
Ion Ratio Lower Upper
165 100
63 49.8 46.0 69.0
89 52.9 50.3 75.5

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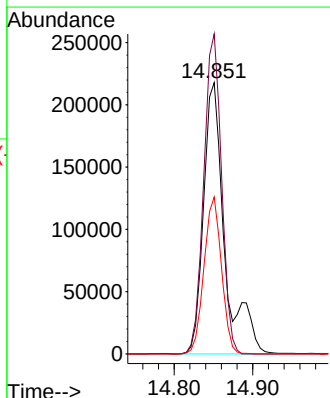
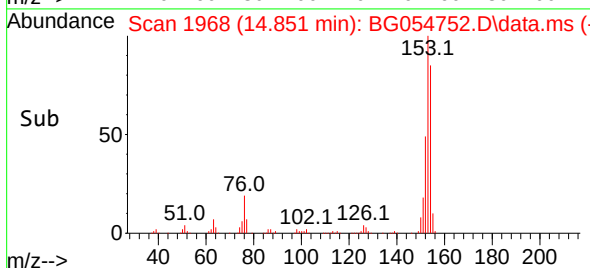
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

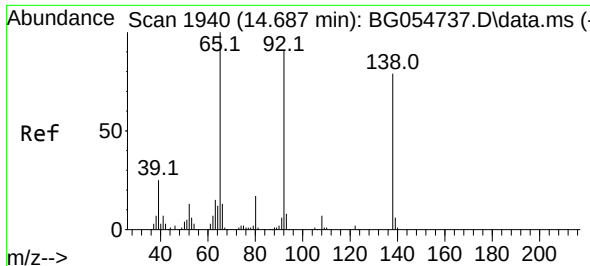


#52
Acenaphthene
Concen: 47.470 ng m
RT: 14.851 min Scan# 1968
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



Tgt Ion:154 Resp: 409504
Ion Ratio Lower Upper
154 100
153 118.0 92.8 139.2
152 57.9 45.4 68.2





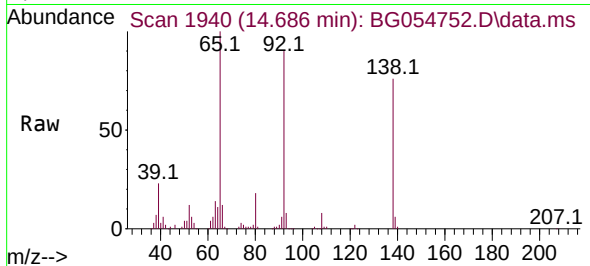
#53
3-Nitroaniline
Concen: 38.448 ng
RT: 14.686 min Scan# 1940
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB147143BSD

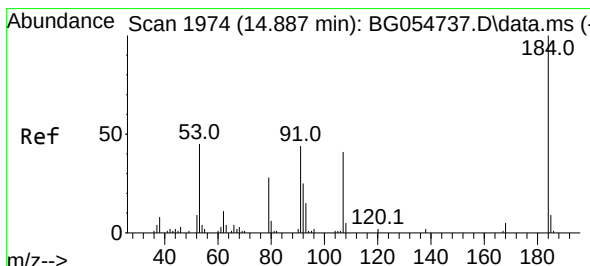
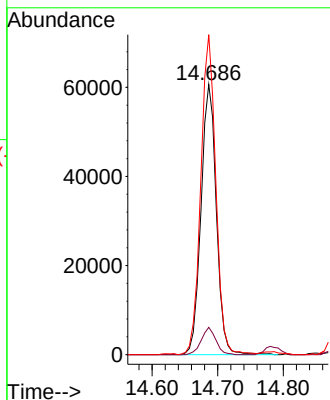
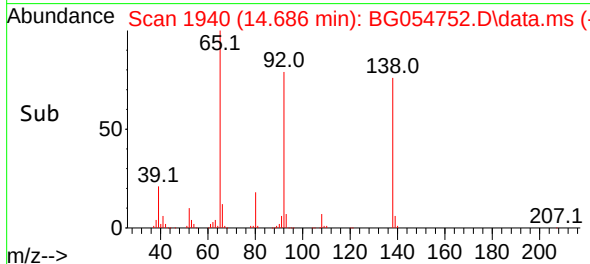


Tgt Ion:138 Resp: 9787
Ion Ratio Lower Upper
138 100
108 10.1 7.6 11.4
92 118.5 96.0 144.0

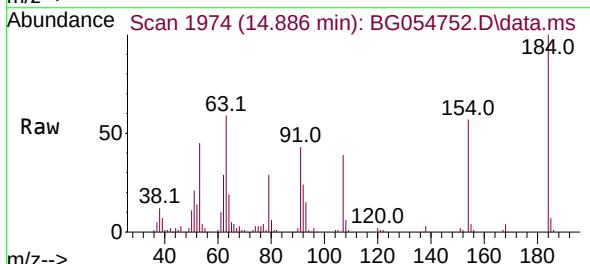
Manual Integrations

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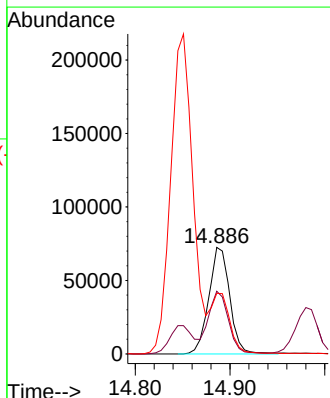
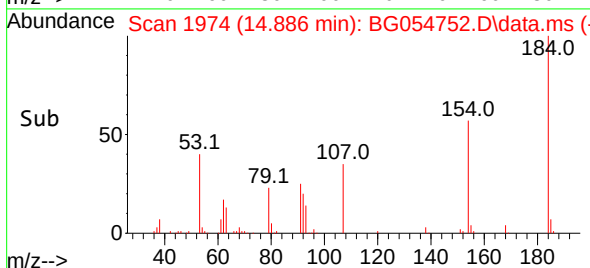
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

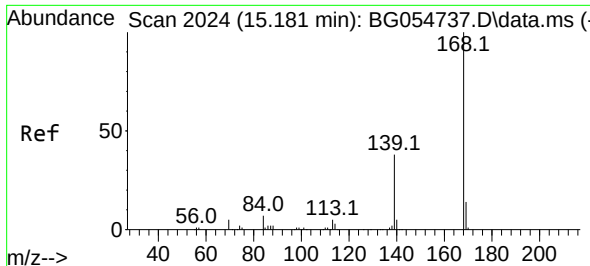


#54
2,4-Dinitrophenol
Concen: 86.102 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



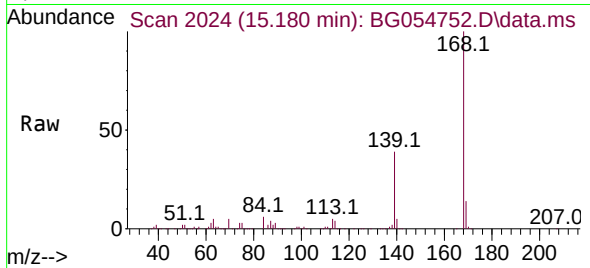
Tgt Ion:184 Resp: 111210
Ion Ratio Lower Upper
184 100
63 58.8 41.8 62.8
154 56.9 45.2 67.8





#55
Dibenzofuran
Concen: 43.308 ng
RT: 15.180 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

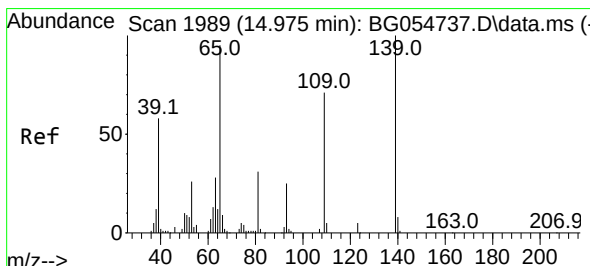
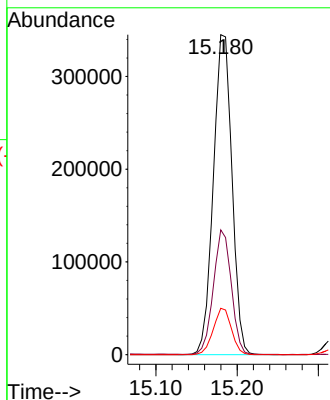
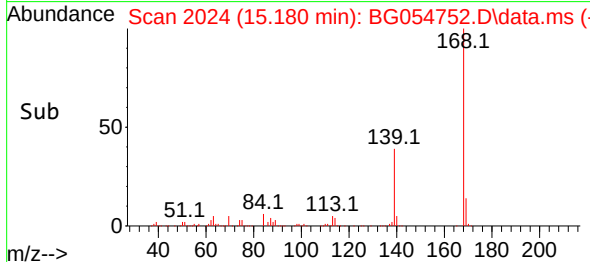
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



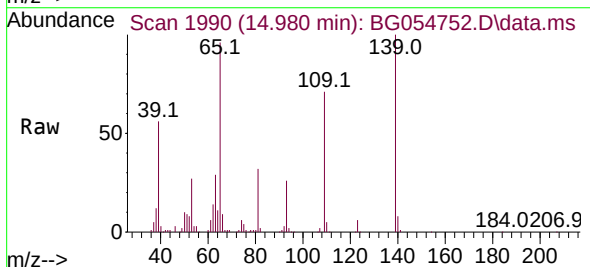
Tgt Ion:168 Resp: 548974
Ion Ratio Lower Upper
168 100
139 39.0 30.2 45.2
169 14.5 11.3 16.9

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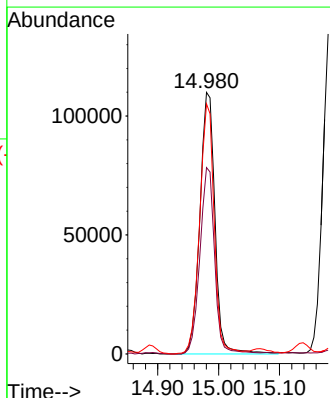
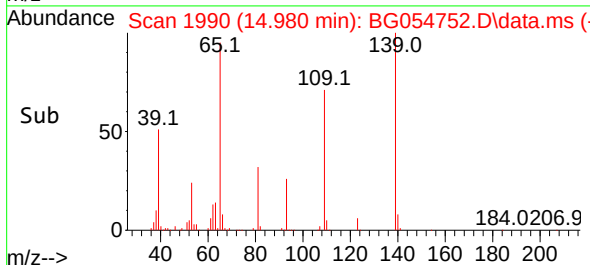
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

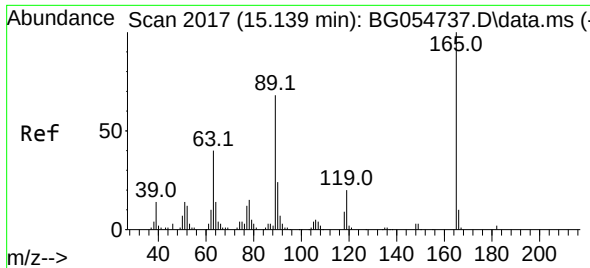


#56
4-Nitrophenol
Concen: 95.911 ng
RT: 14.980 min Scan# 1990
Delta R.T. 0.005 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



Tgt Ion:139 Resp: 188934
Ion Ratio Lower Upper
139 100
109 71.3 50.5 90.5
65 95.6 79.9 119.9





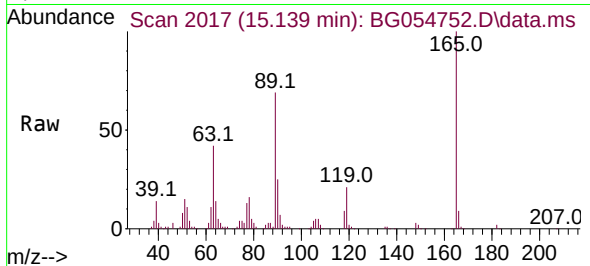
#57
2,4-Dinitrotoluene
Concen: 46.117 ng
RT: 15.139 min Scan# 2017
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB147143BSD

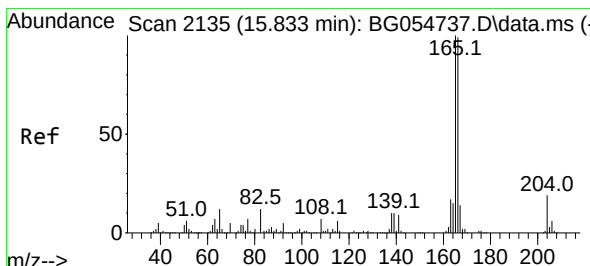
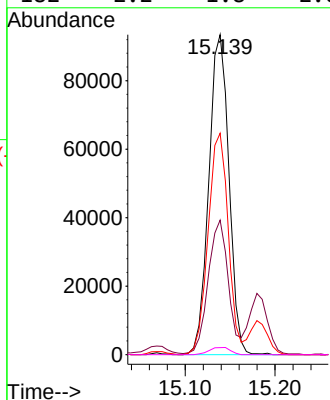
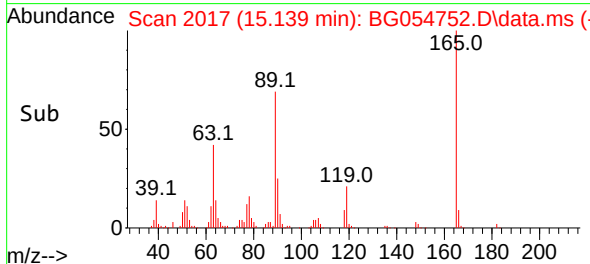


Tgt Ion:165 Resp: 145050
Ion Ratio Lower Upper
165 100
63 42.0 36.8 55.2
89 69.2 64.3 96.5
182 2.2 1.8 2.6

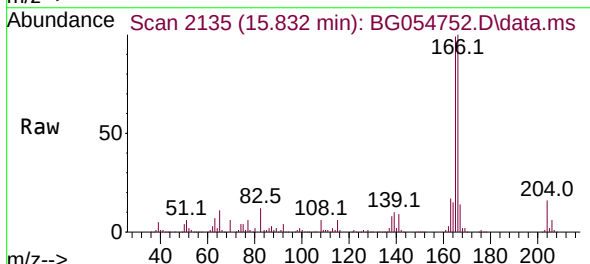
Manual Integrations

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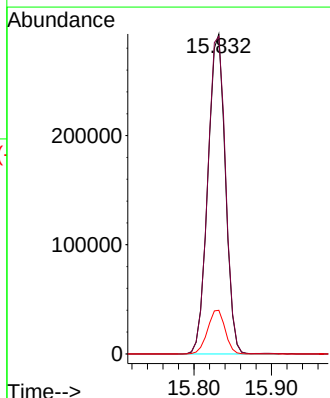
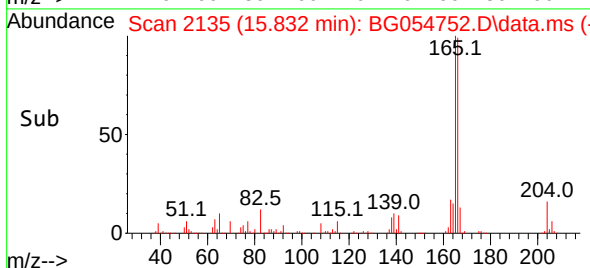
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

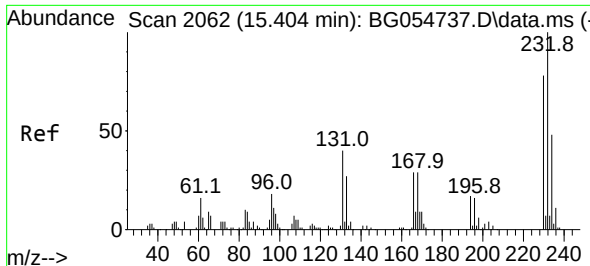


#58
Fluorene
Concen: 42.863 ng
RT: 15.832 min Scan# 2135
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



Tgt Ion:166 Resp: 457730
Ion Ratio Lower Upper
166 100
165 99.2 80.8 121.2
167 13.6 11.4 17.0





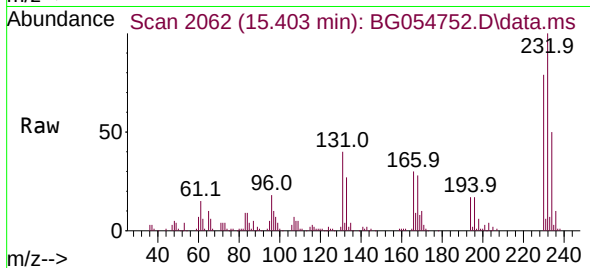
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.884 ng
RT: 15.403 min Scan# 2062
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB147143BSD

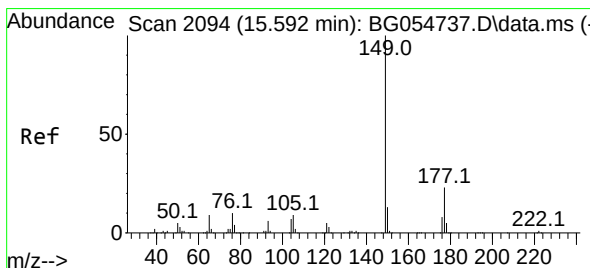
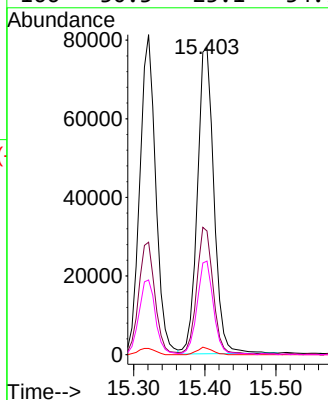
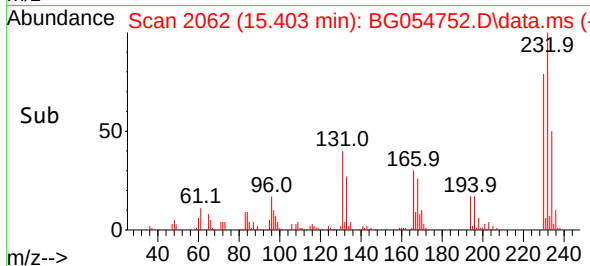


Tgt Ion:232 Resp: 125348
Ion Ratio Lower Upper
232 100
131 40.3 31.3 46.9
130 2.2 1.8 2.6
166 30.3 23.1 34.7

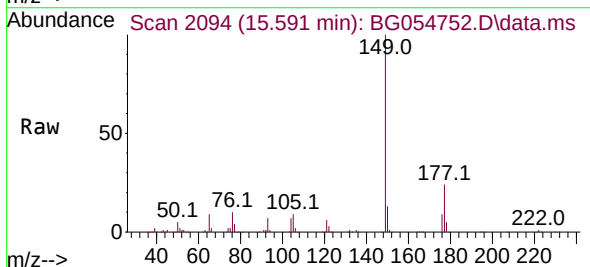
Manual Integrations

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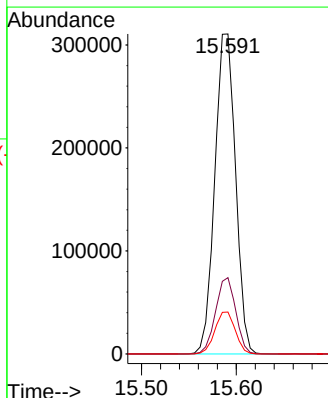
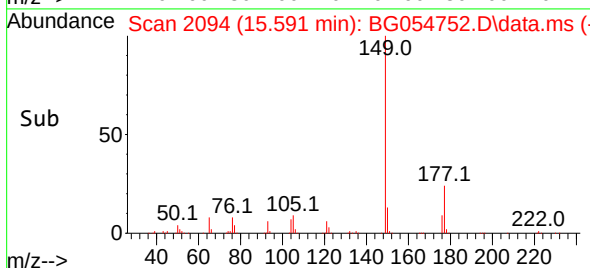
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

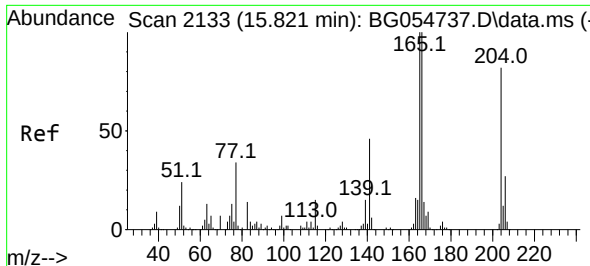


#60
Diethylphthalate
Concen: 42.496 ng
RT: 15.591 min Scan# 2094
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



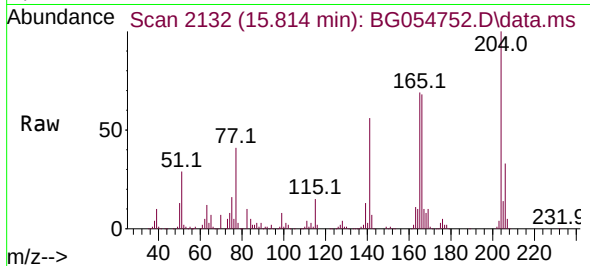
Tgt Ion:149 Resp: 471764
Ion Ratio Lower Upper
149 100
177 23.8 17.8 26.6
150 13.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.589 ng
RT: 15.814 min Scan# 2132
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

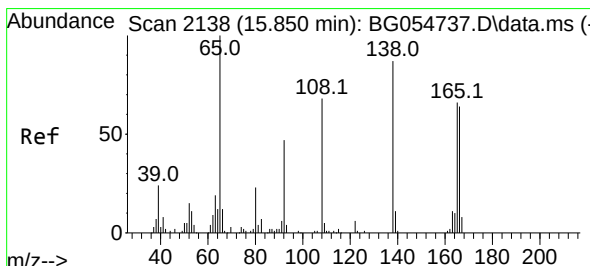
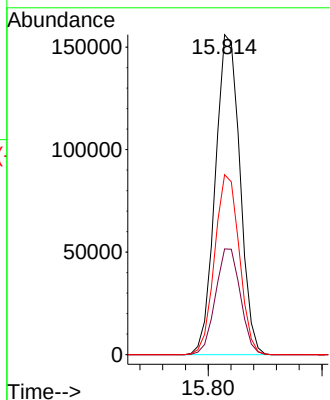
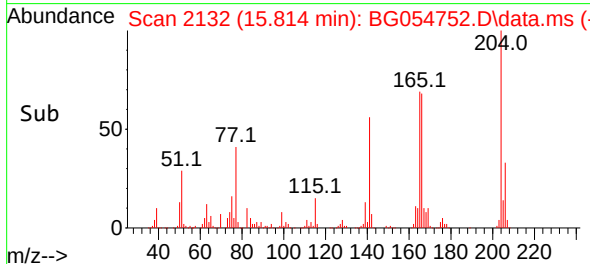
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



Tgt Ion:204 Resp: 234895
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 56.2 44.9 67.3

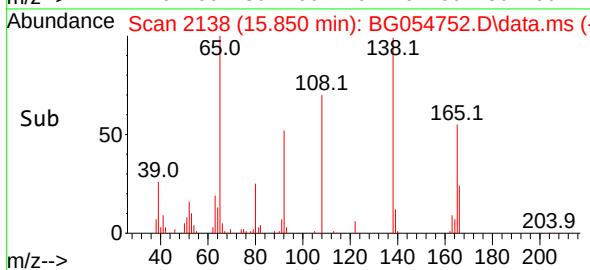
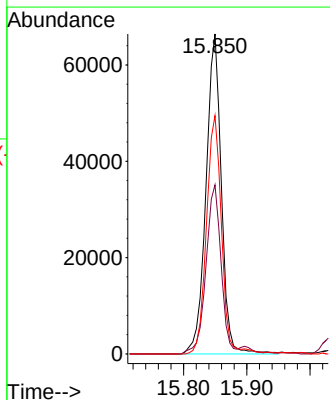
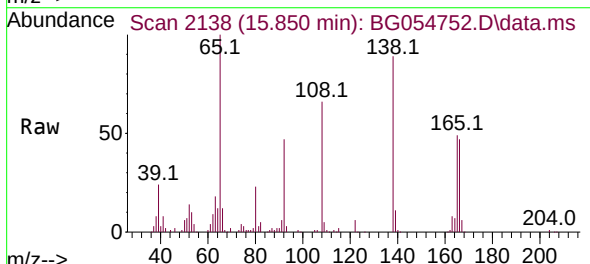
Manual Integrations
APPROVED

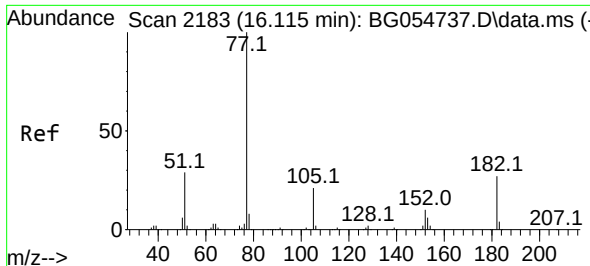
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#62
4-Nitroaniline
Concen: 43.190 ng
RT: 15.850 min Scan# 2138
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

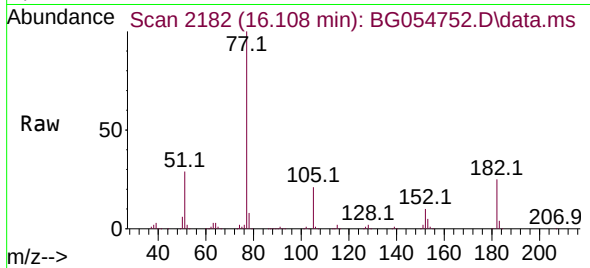
Tgt Ion:138 Resp: 112247
Ion Ratio Lower Upper
138 100
92 52.8 34.7 74.7
108 74.5 56.2 96.2





#63
Azobenzene
Concen: 42.165 ng
RT: 16.108 min Scan# 2183
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

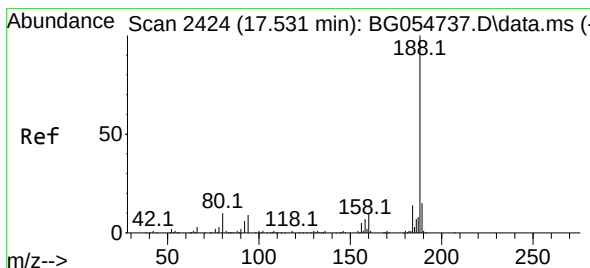
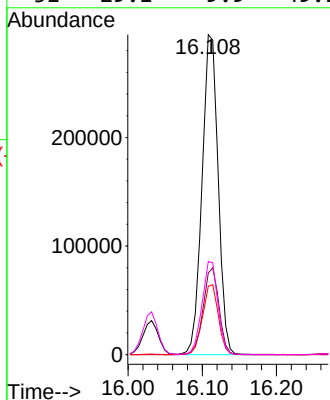
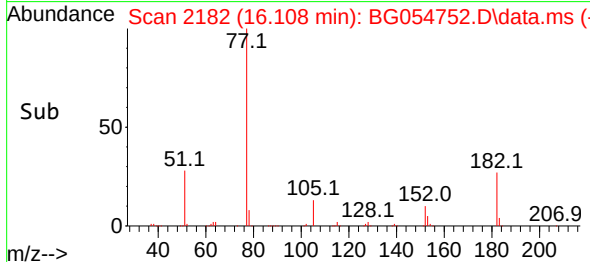
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



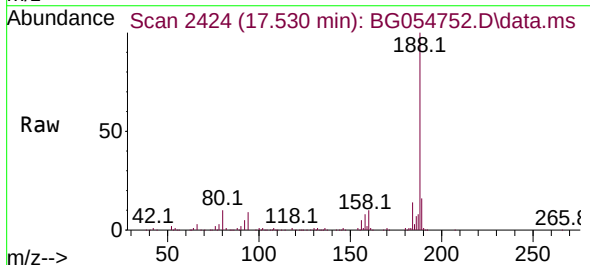
Tgt Ion: 77 Resp: 444848
Ion Ratio Lower Upper
77 100
182 25.5 5.1 45.1
105 21.4 0.7 40.7
51 29.1 9.9 49.9

Manual Integrations
APPROVED

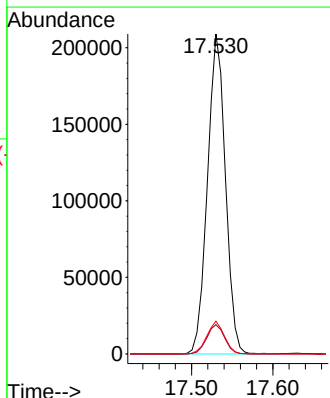
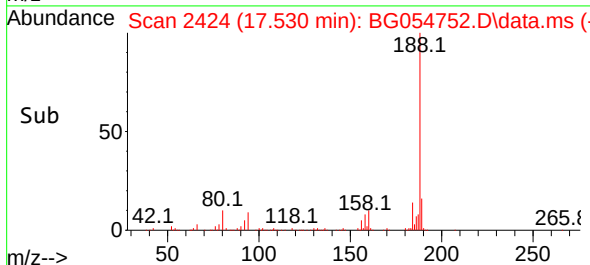
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

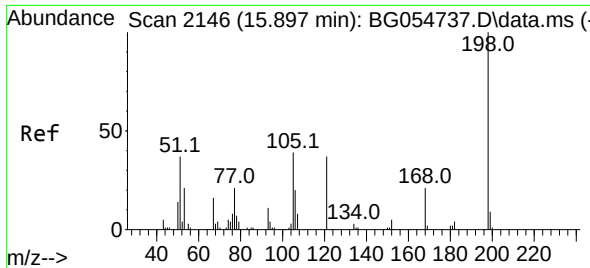


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.530 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



Tgt Ion:188 Resp: 321089
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 10.2 7.9 11.9





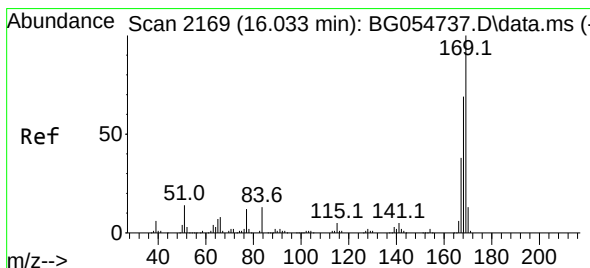
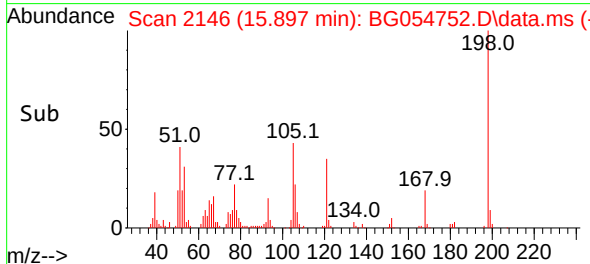
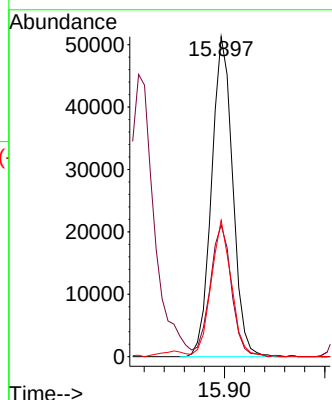
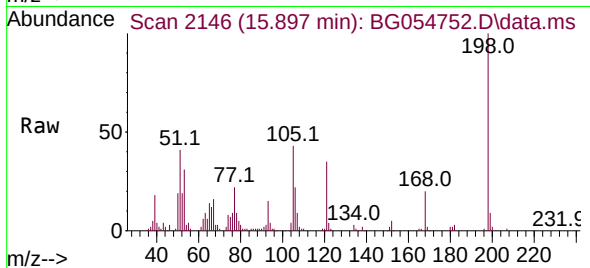
#65
4,6-Dinitro-2-methylphenol
Concen: 45.923 ng
RT: 15.897 min Scan# 2146
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

Instrument :
BNA_G
ClientSampleId :
PB147143BSD

Tgt Ion:198 Resp: 75052
Ion Ratio Lower Upper
198 100
51 41.1 19.9 59.9
105 42.6 20.3 60.3

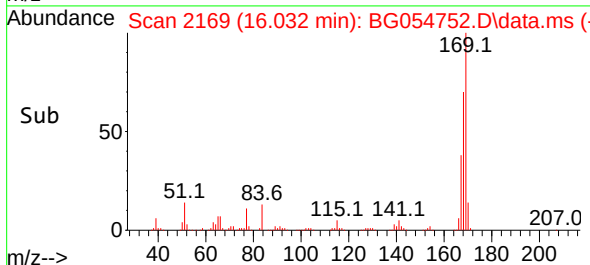
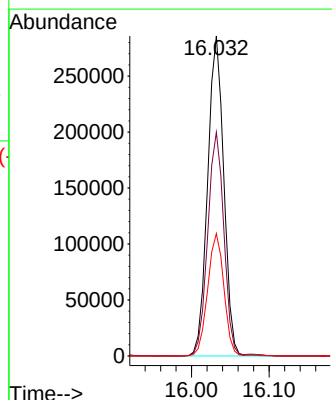
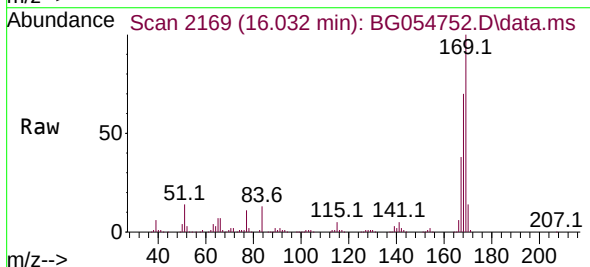
Manual Integrations
APPROVED

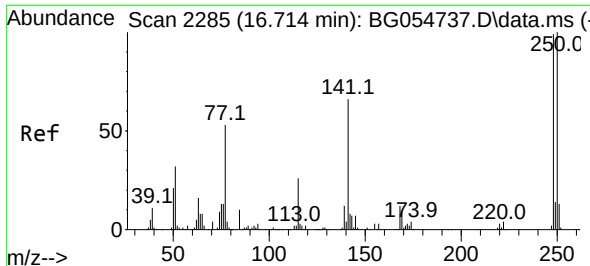
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#66
n-Nitrosodiphenylamine
Concen: 44.479 ng
RT: 16.032 min Scan# 2169
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

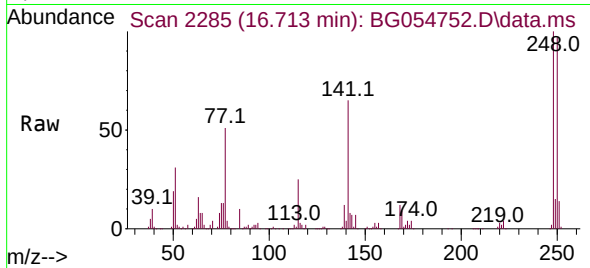
Tgt Ion:169 Resp: 411856
Ion Ratio Lower Upper
169 100
168 69.9 55.6 83.4
167 38.2 30.9 46.3





#67
4-Bromophenyl-phenylether
Concen: 45.257 ng
RT: 16.713 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

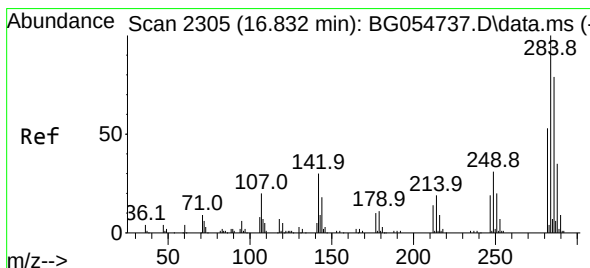
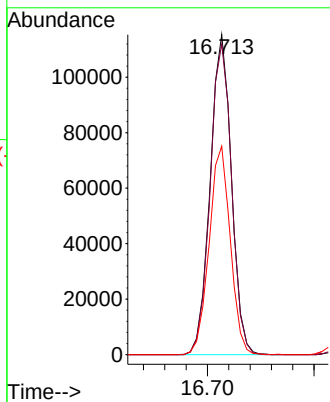
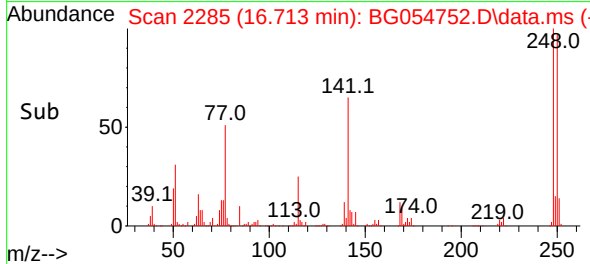
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



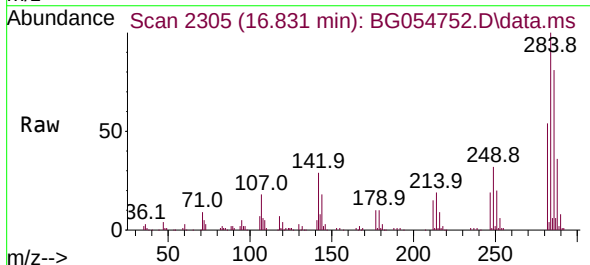
Tgt Ion:248 Resp: 159545
Ion Ratio Lower Upper
248 100
250 97.1 78.8 118.2
141 65.1 51.9 77.9

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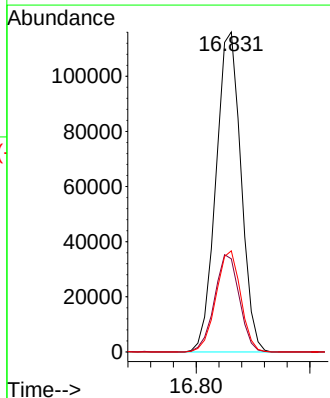
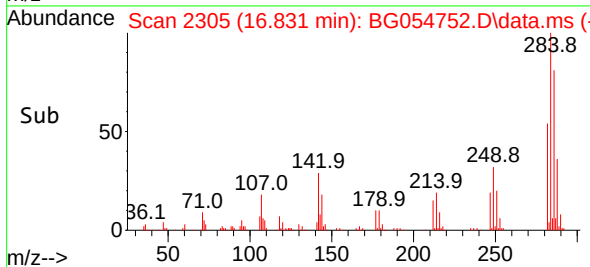
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

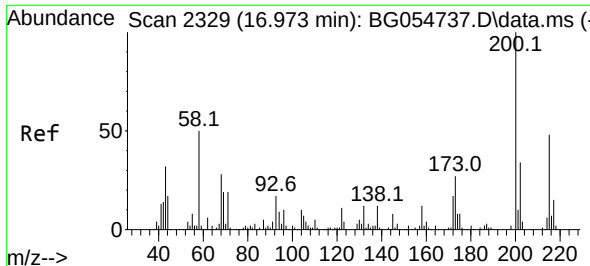


#68
Hexachlorobenzene
Concen: 44.690 ng
RT: 16.831 min Scan# 2305
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



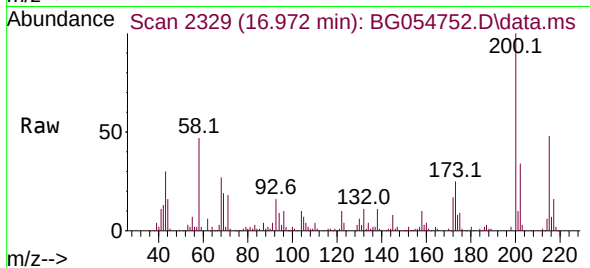
Tgt Ion:284 Resp: 177107
Ion Ratio Lower Upper
284 100
142 29.1 25.0 37.6
249 31.6 24.5 36.7





#69
 Atrazine
 Concen: 46.993 ng
 RT: 16.972 min Scan# 2329
 Delta R.T. -0.001 min
 Lab File: BG054752.D
 Acq: 26 Aug 2022 12:17

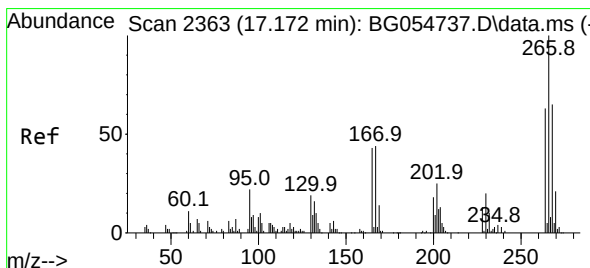
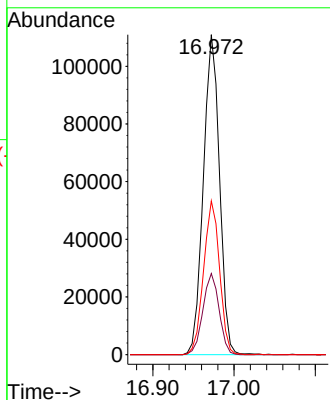
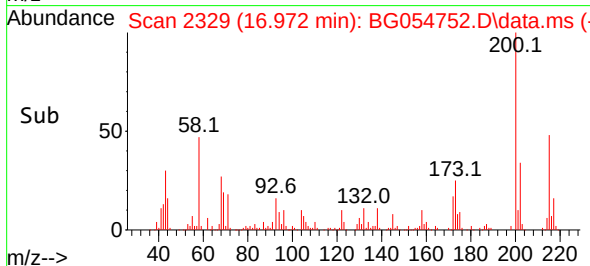
Instrument :
 BNA_G
 ClientSampleId :
 PB147143BSD



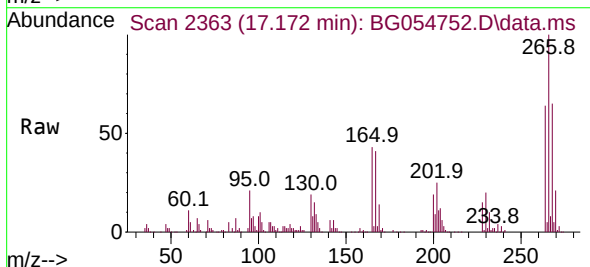
Tgt Ion:200 Resp: 153512
 Ion Ratio Lower Upper
 200 100
 173 25.3 5.6 45.6
 215 48.0 28.2 68.2

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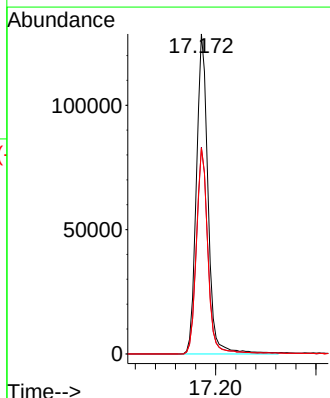
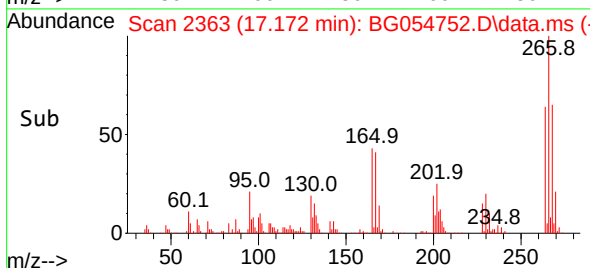
Reviewed By :Christian Giraldo 08/29/2022
 Supervised By :Jagrut Upadhyay 08/29/2022

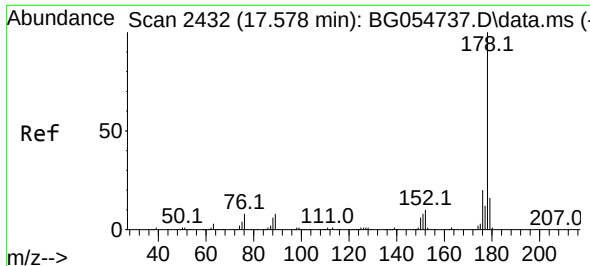


#70
 Pentachlorophenol
 Concen: 96.015 ng
 RT: 17.172 min Scan# 2363
 Delta R.T. -0.001 min
 Lab File: BG054752.D
 Acq: 26 Aug 2022 12:17



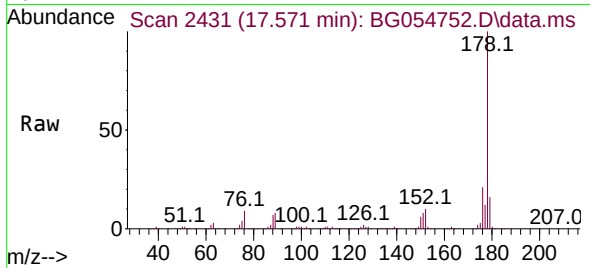
Tgt Ion:266 Resp: 206745
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.2 76.8
 264 64.3 49.4 74.0





#71
Phenanthrene
Concen: 43.060 ng
RT: 17.571 min Scan# 2432
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

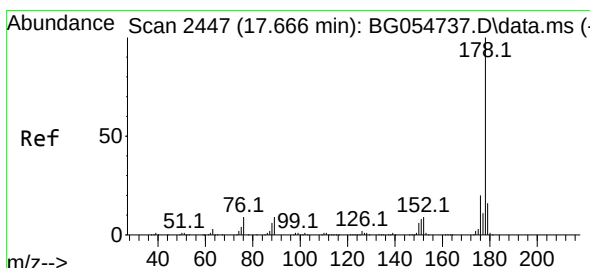
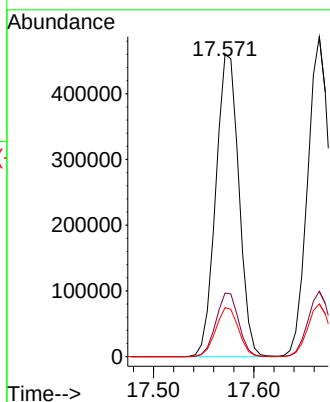
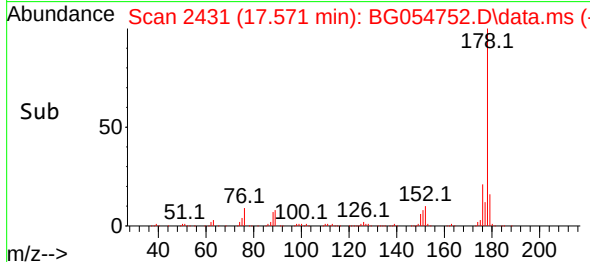
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



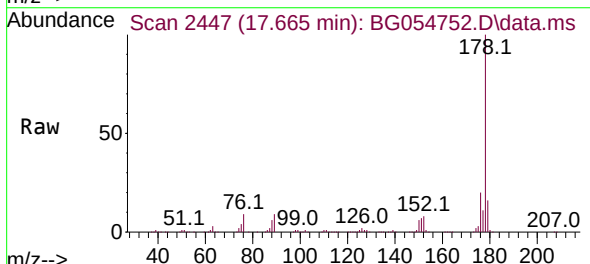
Tgt Ion:178 Resp: 736529
Ion Ratio Lower Upper
178 100
176 21.0 16.6 25.0
179 16.2 12.8 19.2

Manual Integrations
APPROVED

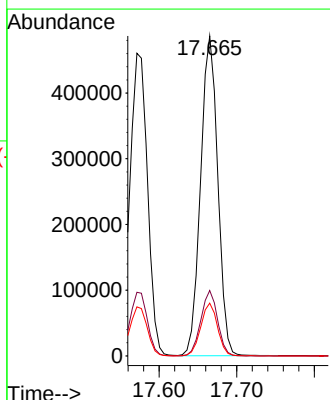
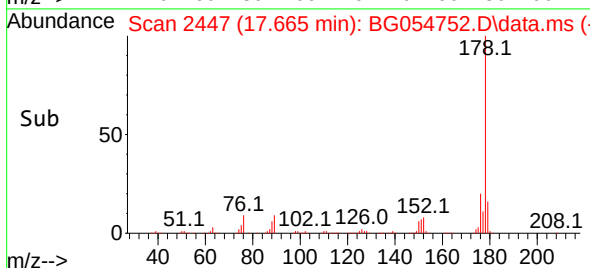
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

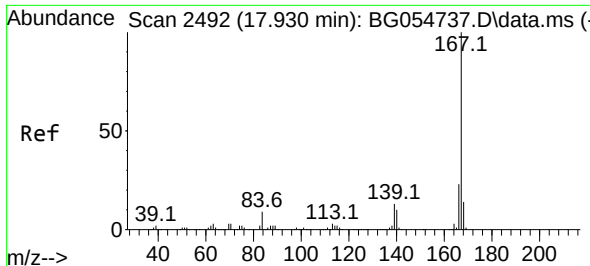


#72
Anthracene
Concen: 44.970 ng
RT: 17.665 min Scan# 2447
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



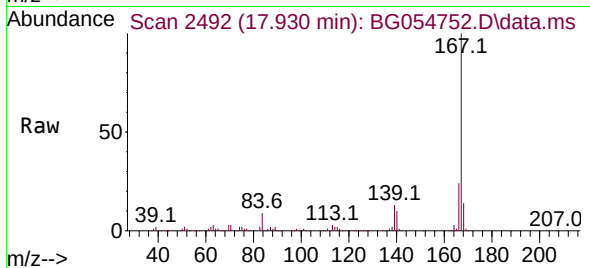
Tgt Ion:178 Resp: 747842
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.5 12.9 19.3





#73
 Carbazole
 Concen: 45.609 ng
 RT: 17.930 min Scan# 2492
 Delta R.T. -0.001 min
 Lab File: BG054752.D
 Acq: 26 Aug 2022 12:17

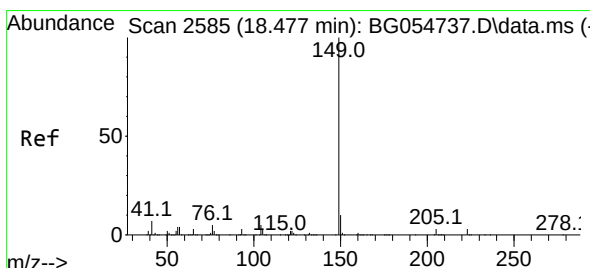
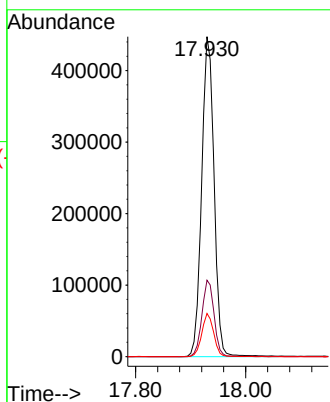
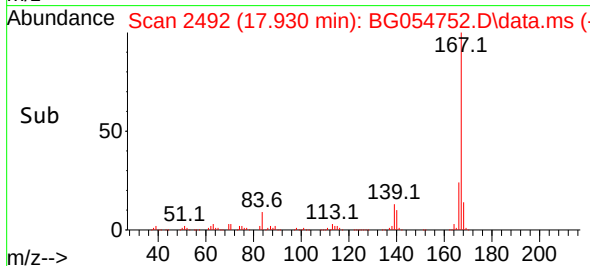
Instrument :
 BNA_G
 ClientSampleId :
 PB147143BSD



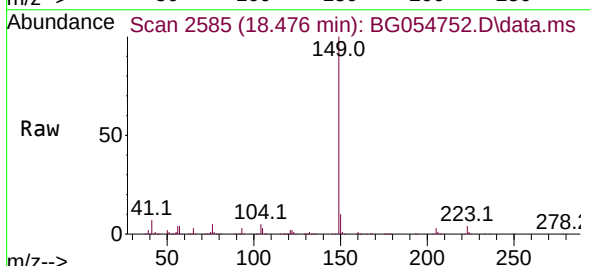
Tgt Ion:167 Resp: 698807
 Ion Ratio Lower Upper
 167 100
 166 23.9 18.8 28.2
 139 13.5 10.2 15.4

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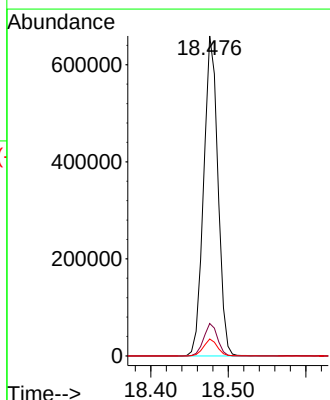
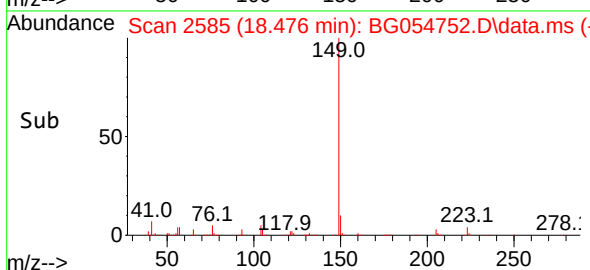
Reviewed By :Christian Giraldo 08/29/2022
 Supervised By :Jagrut Upadhyay 08/29/2022

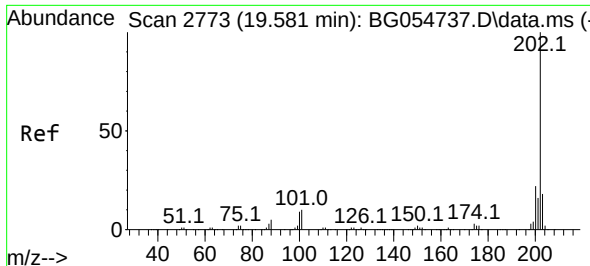


#74
 Di-n-butylphthalate
 Concen: 43.402 ng
 RT: 18.476 min Scan# 2585
 Delta R.T. -0.001 min
 Lab File: BG054752.D
 Acq: 26 Aug 2022 12:17



Tgt Ion:149 Resp: 841491
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.0 12.0
 104 5.3 4.4 6.6





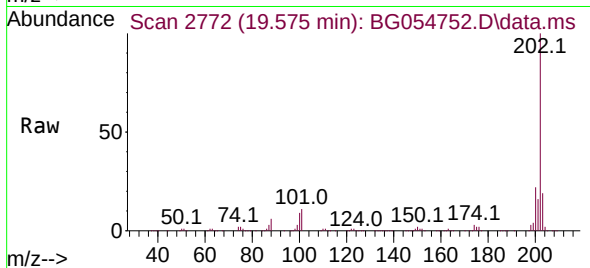
#75
Fluoranthene
Concen: 43.650 ng
RT: 19.575 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB147143BSD

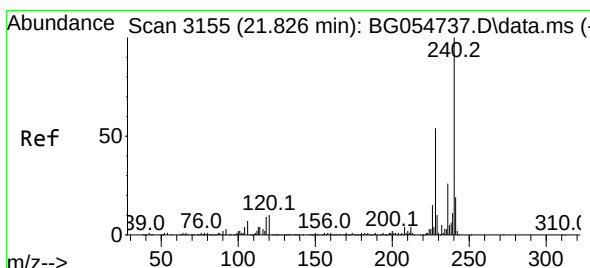
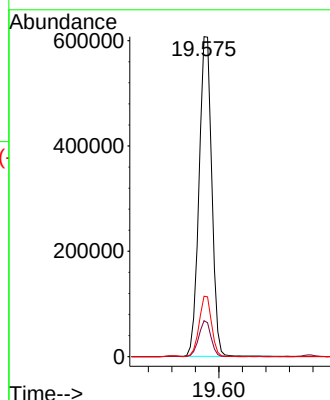
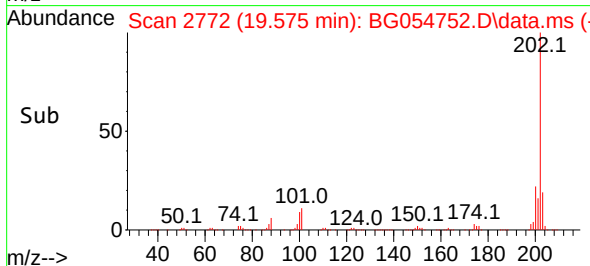


Tgt Ion:202 Resp: 90825
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.4
203 18.9 0.0 38.6

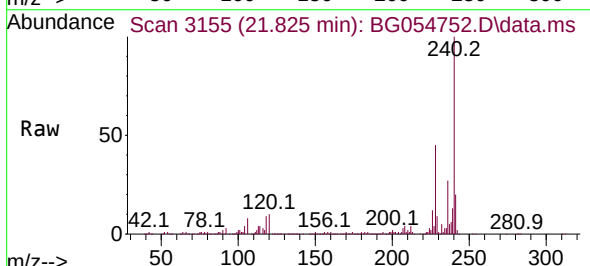
Manual Integrations

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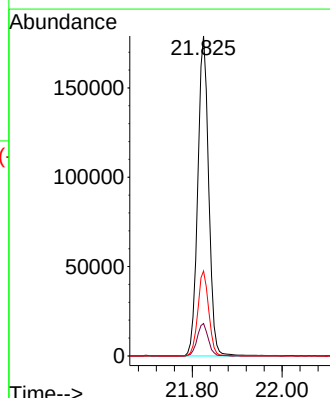
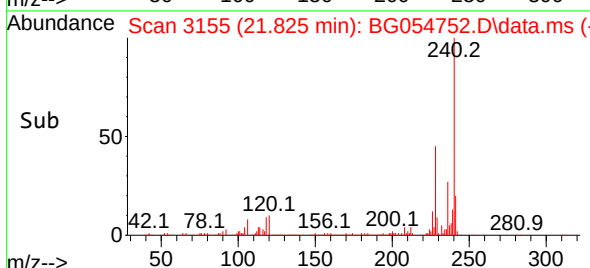
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

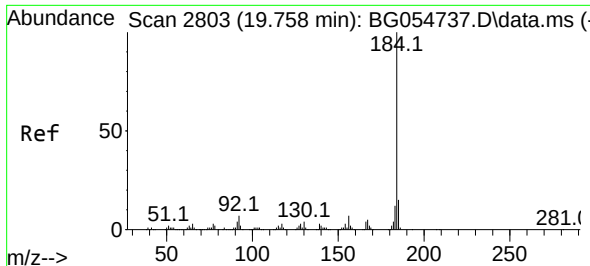


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.825 min Scan# 3155
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



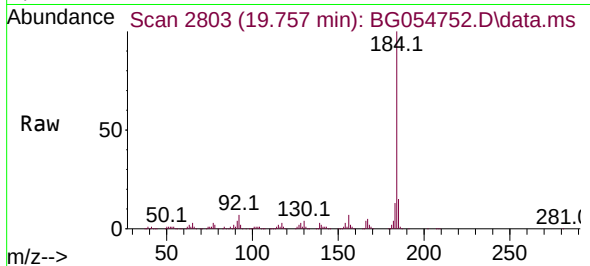
Tgt Ion:240 Resp: 301249
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.4
236 26.5 21.2 31.8





#77
Benzidine
Concen: 90.556 ng
RT: 19.757 min Scan# 2803
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

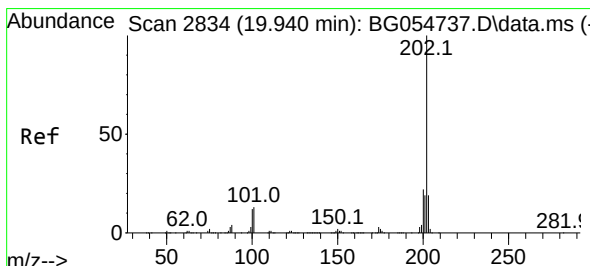
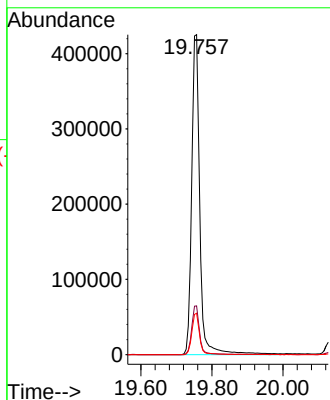
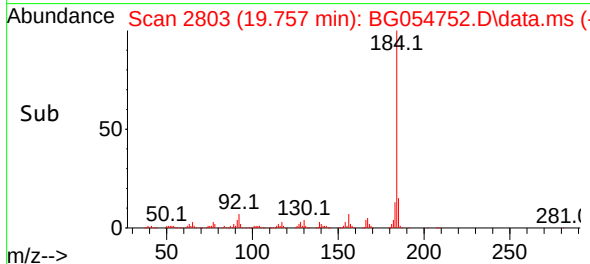
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



Tgt Ion:184 Resp: 675690
Ion Ratio Lower Upper
184 100
185 15.2 11.4 17.0
183 13.0 9.8 14.8

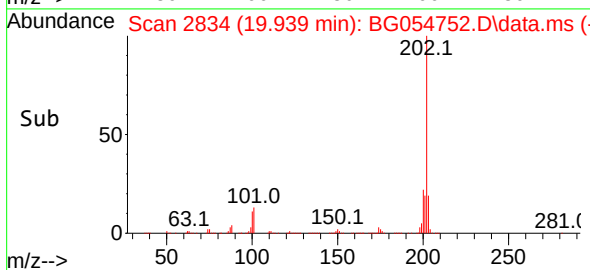
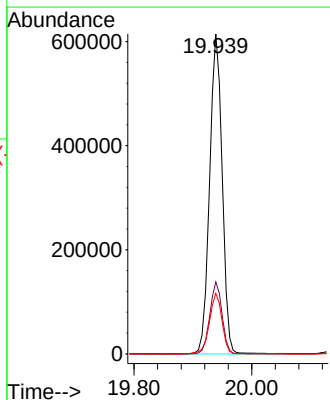
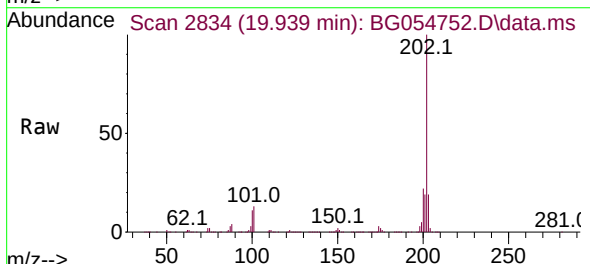
Manual Integrations
APPROVED

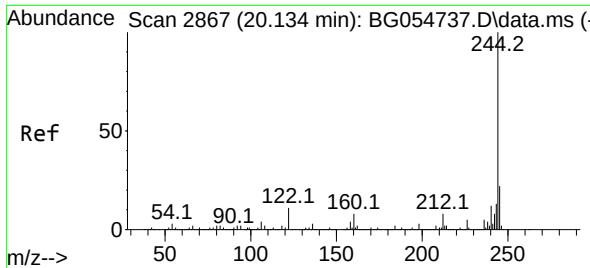
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#78
Pyrene
Concen: 43.331 ng
RT: 19.939 min Scan# 2834
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

Tgt Ion:202 Resp: 910203
Ion Ratio Lower Upper
202 100
200 22.5 17.8 26.6
203 18.9 14.6 21.8





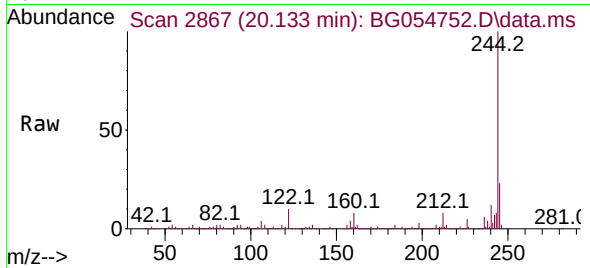
#79
 Terphenyl-d14
 Concen: 87.949 ng
 RT: 20.133 min Scan# 2867
 Delta R.T. -0.001 min
 Lab File: BG054752.D
 Acq: 26 Aug 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB147143BSD

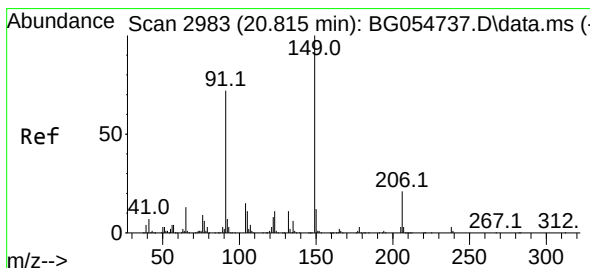
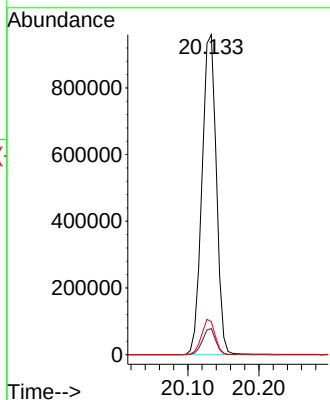
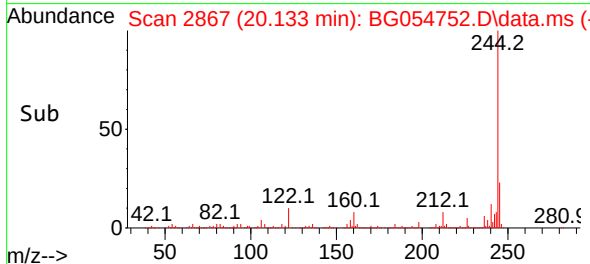


Tgt Ion:244 Resp: 1337173
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 10.3 9.0 13.6

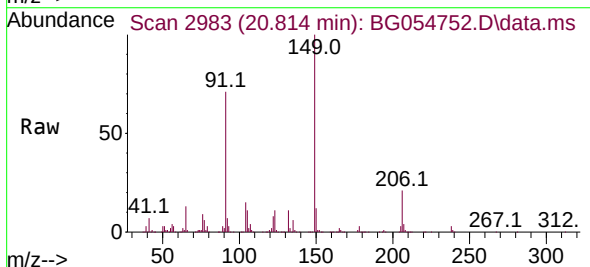
Manual Integrations

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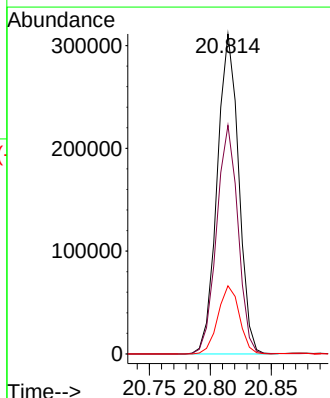
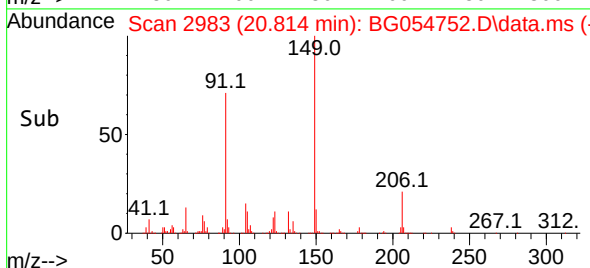
Reviewed By :Christian Giraldo 08/29/2022
 Supervised By :Jagrut Upadhyay 08/29/2022

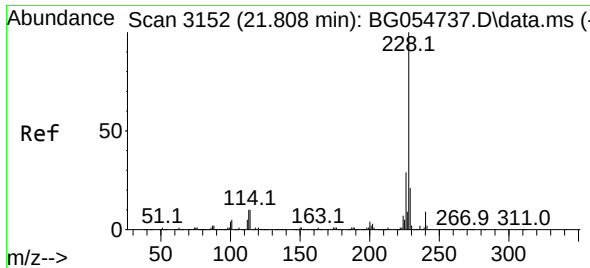


#80
 Butylbenzylphthalate
 Concen: 43.524 ng
 RT: 20.814 min Scan# 2983
 Delta R.T. -0.001 min
 Lab File: BG054752.D
 Acq: 26 Aug 2022 12:17



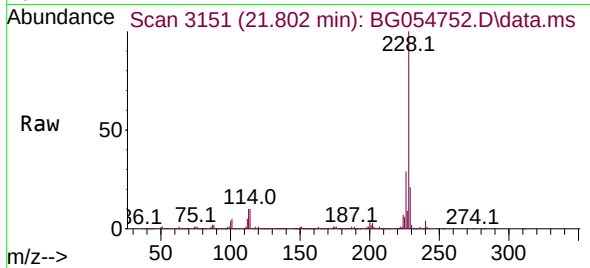
Tgt Ion:149 Resp: 381351
 Ion Ratio Lower Upper
 149 100
 91 71.4 59.5 89.3
 206 21.3 16.6 25.0





#81
Benzo(a)anthracene
Concen: 43.172 ng
RT: 21.802 min Scan# 3152
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

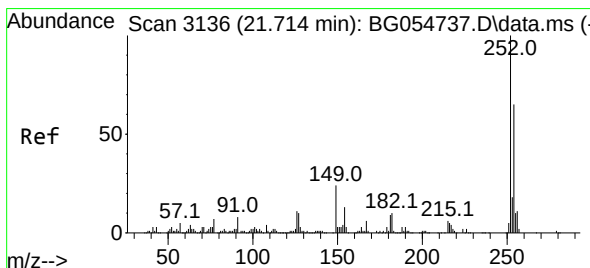
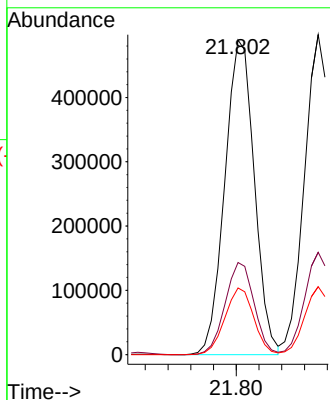
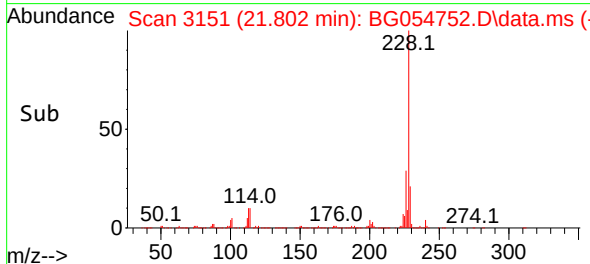
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



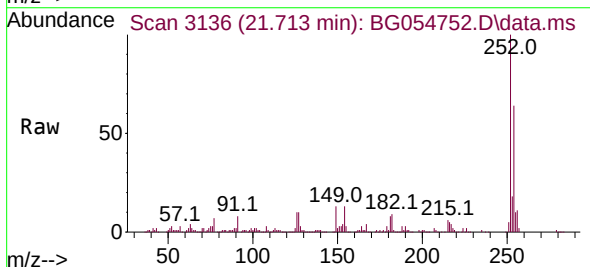
Tgt Ion:228 Resp: 88181
Ion Ratio Lower Upper
228 100
226 29.3 23.4 35.2
229 21.2 16.5 24.7

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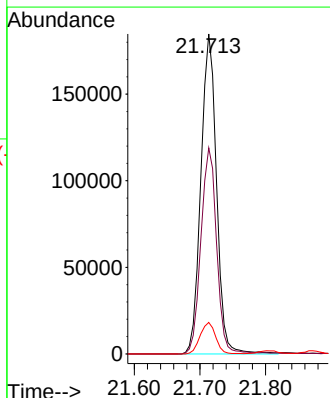
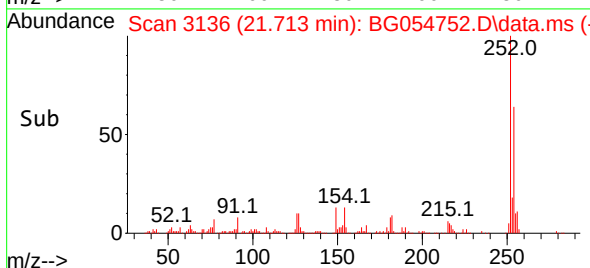
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

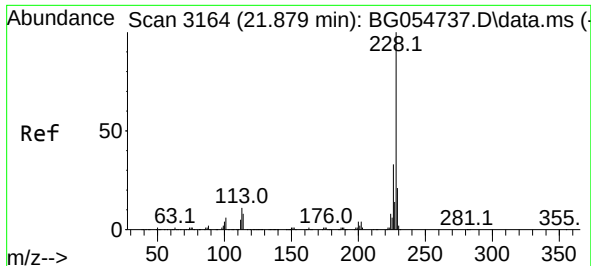


#82
3,3'-Dichlorobenzidine
Concen: 42.566 ng
RT: 21.713 min Scan# 3136
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



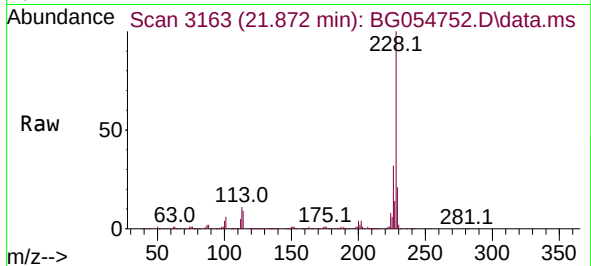
Tgt Ion:252 Resp: 304832
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.2
126 9.8 8.2 12.2





#83
Chrysene
Concen: 42.971 ng
RT: 21.872 min Scan# 3163
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

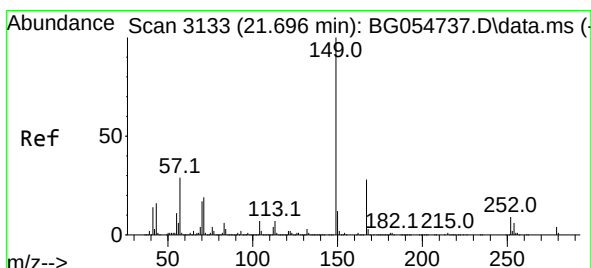
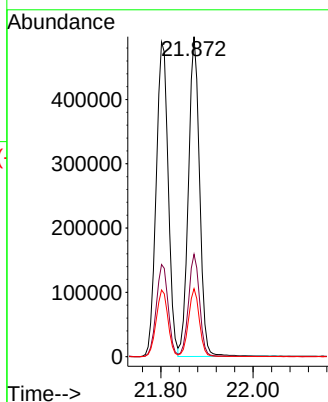
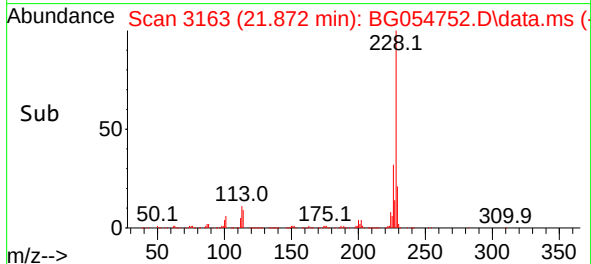
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



Tgt Ion:228 Resp: 839208
Ion Ratio Lower Upper
228 100
226 32.0 25.5 38.3
229 21.2 16.8 25.2

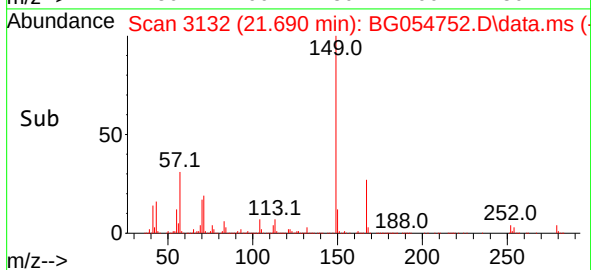
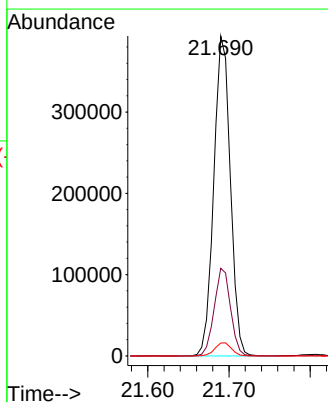
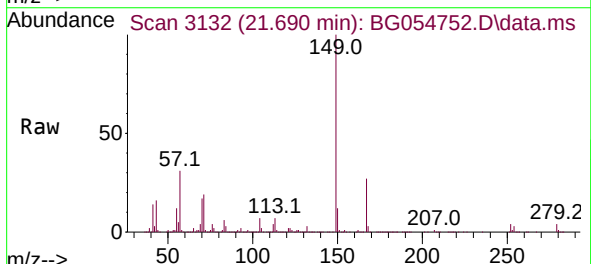
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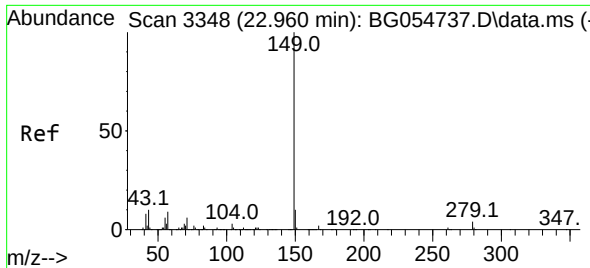
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.102 ng
RT: 21.690 min Scan# 3132
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

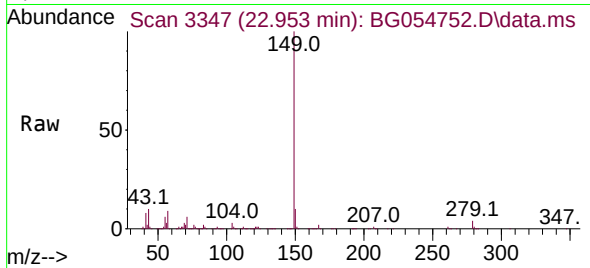
Tgt Ion:149 Resp: 556734
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.0
279 4.0 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 43.892 ng
RT: 22.953 min Scan# 3348
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

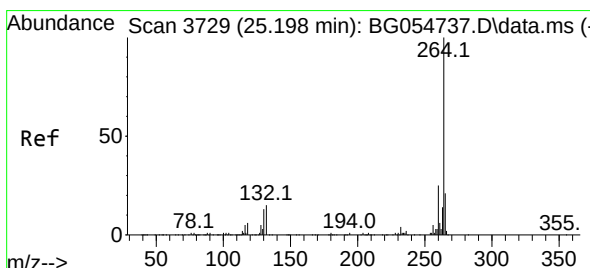
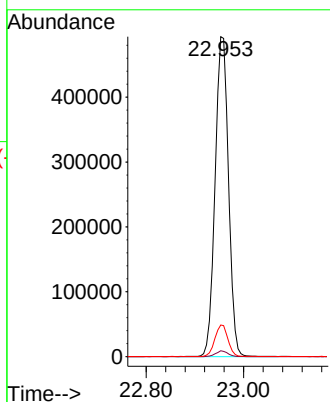
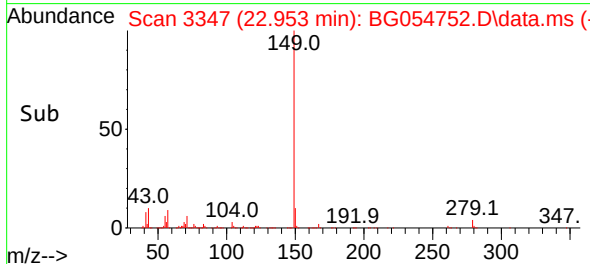
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



Tgt Ion:149 Resp: 939631
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.6 9.0 13.6

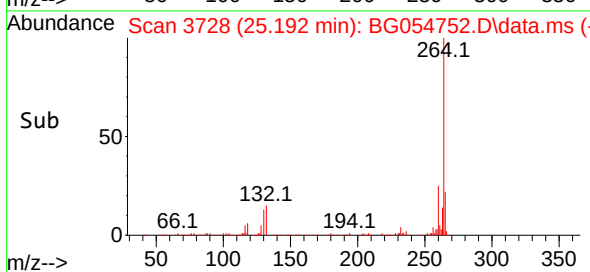
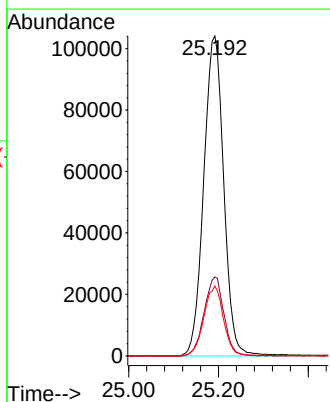
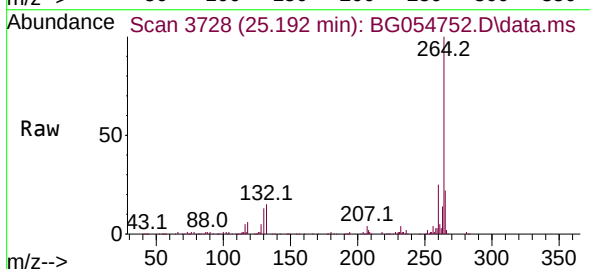
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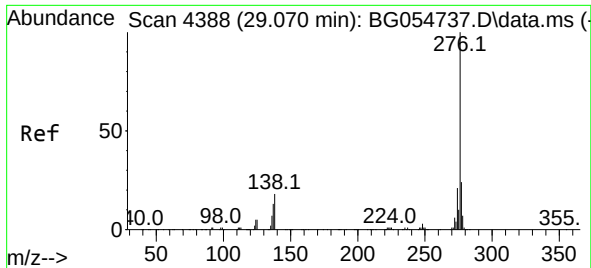
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.192 min Scan# 3728
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

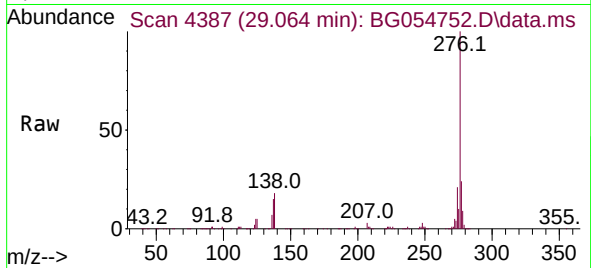
Tgt Ion:264 Resp: 321600
Ion Ratio Lower Upper
264 100
260 24.7 19.9 29.9
265 21.8 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.256 ng
RT: 29.064 min Scan# 4388
Delta R.T. -0.007 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

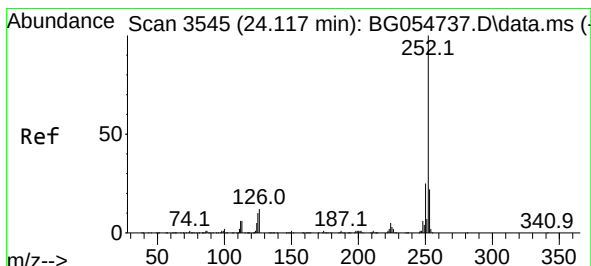
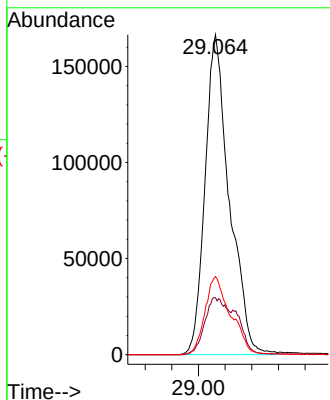
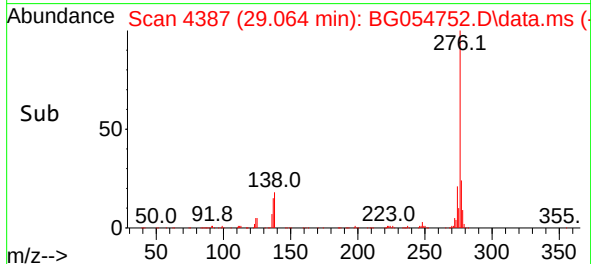
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



Tgt Ion:276 Resp: 1056084
Ion Ratio Lower Upper
276 100
138 16.8 12.0 18.0
277 25.7 20.2 30.4

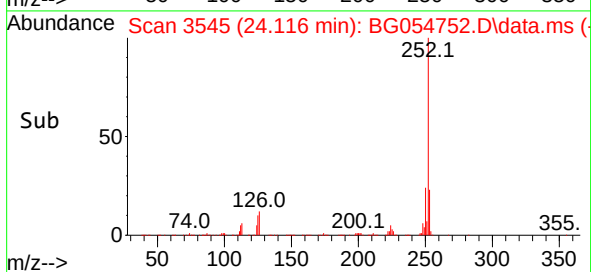
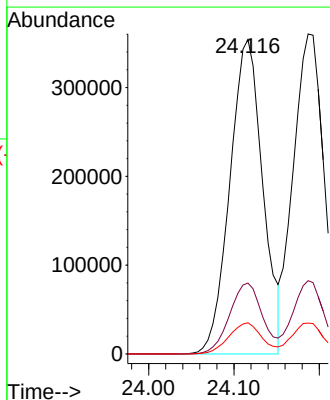
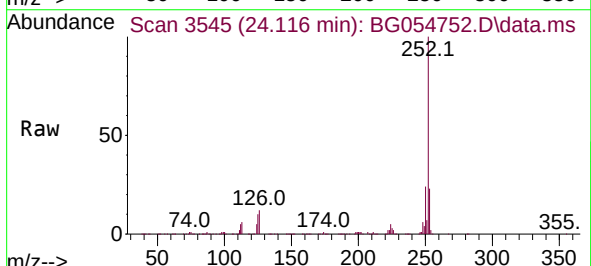
Manual Integrations
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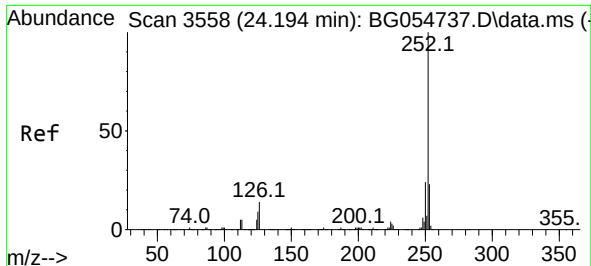
Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022



#88
Benzo(b)fluoranthene
Concen: 47.055 ng
RT: 24.116 min Scan# 3545
Delta R.T. -0.001 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

Tgt Ion:252 Resp: 949293
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 9.9 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 45.155 ng

RT: 24.187 min Scan# 3558

Delta R.T. -0.007 min

Lab File: BG054752.D

Acq: 26 Aug 2022 12:17

Instrument :

BNA_G

ClientSampleId :

PB147143BSD

Tgt Ion:252 Resp: 91681

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

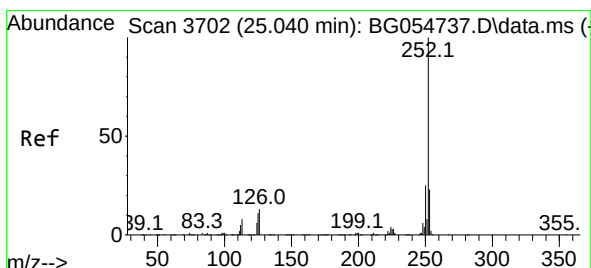
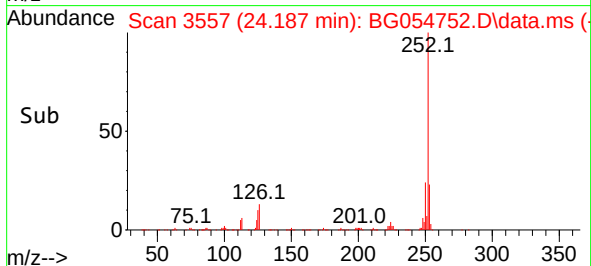
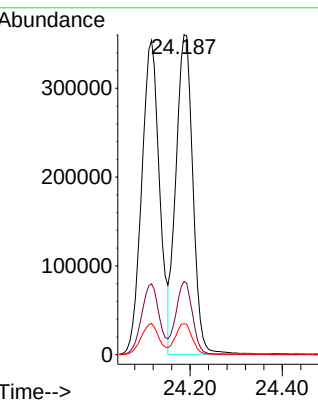
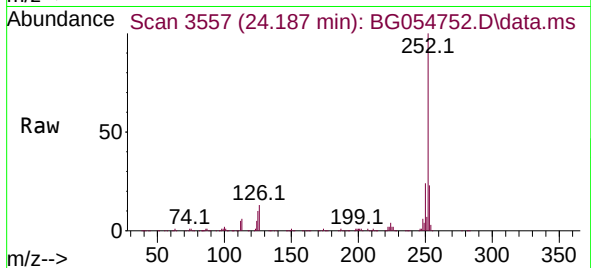
125 9.6 8.2 12.4

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: 48.456 ng

RT: 25.033 min Scan# 3701

Delta R.T. -0.007 min

Lab File: BG054752.D

Acq: 26 Aug 2022 12:17

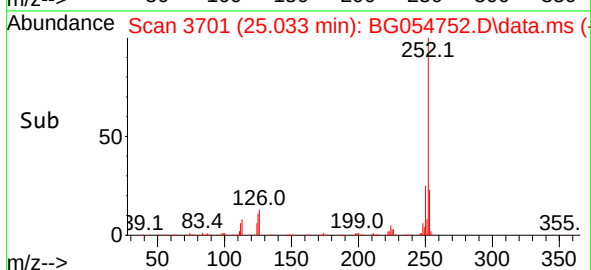
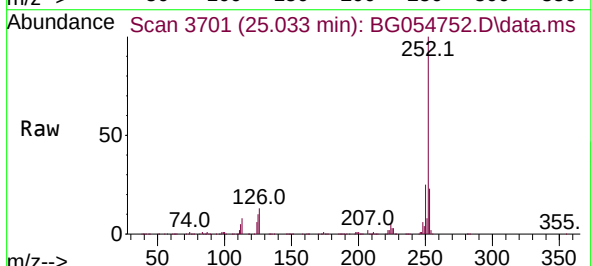
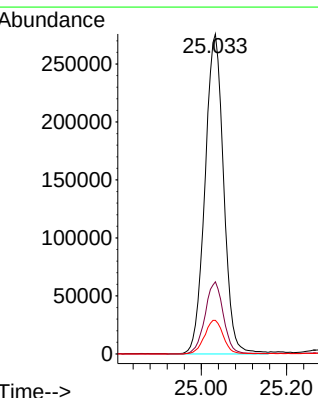
Tgt Ion:252 Resp: 835197

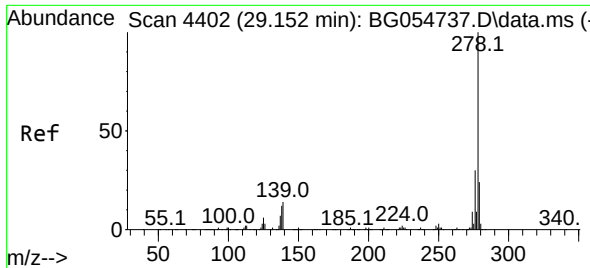
Ion Ratio Lower Upper

252 100

253 22.5 18.3 27.5

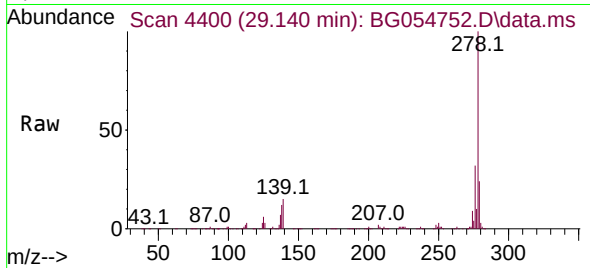
125 10.5 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 45.389 ng
RT: 29.140 min Scan# 4402
Delta R.T. -0.012 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17

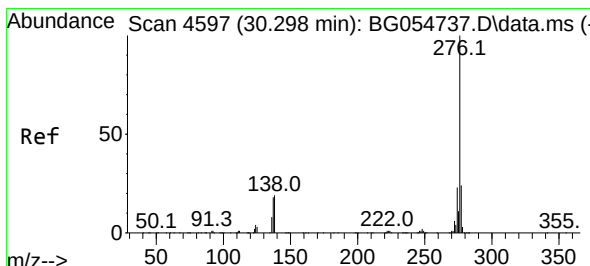
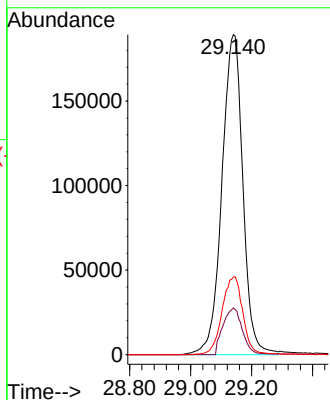
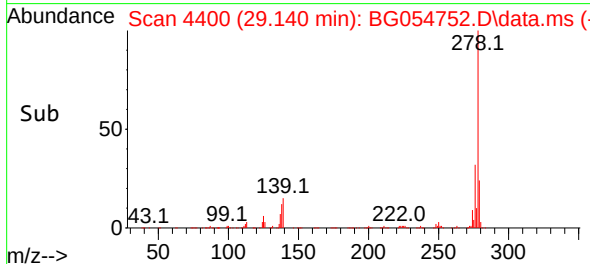
Instrument :
BNA_G
ClientSampleId :
PB147143BSD



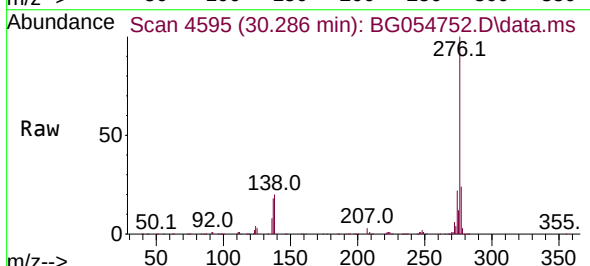
Tgt Ion:278 Resp: 902808
Ion Ratio Lower Upper
278 100
139 14.6 11.4 17.2
279 24.2 19.3 28.9

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



#92
Benzo(g,h,i)perylene
Concen: 45.158 ng
RT: 30.286 min Scan# 4595
Delta R.T. -0.012 min
Lab File: BG054752.D
Acq: 26 Aug 2022 12:17



Tgt Ion:276 Resp: 907409
Ion Ratio Lower Upper
276 100
277 24.3 19.4 29.0
138 19.5 16.6 25.0

