

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
 Data File : BG054091.D
 Acq On : 27 Jun 2022 13:38
 Operator : CG/JU
 Sample : PB145813BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145813BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/28/2022
 Supervised By : Jagrut Upadhyay 06/28/2022

Quant Time: Jun 28 04:53:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	22116	20.000	ng	0.00
21) Naphthalene-d8	10.885	136	101574	20.000	ng	0.00
39) Acenaphthene-d10	14.698	164	80393	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	201646	20.000	ng	0.00
76) Chrysene-d12	21.719	240	204554	20.000	ng	# 0.00
86) Perylene-d12	24.974	264	208346	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	165317	142.915	ng	0.00
7) Phenol-d6	7.236	99	226700	144.467	ng	0.00
23) Nitrobenzene-d5	9.234	82	145075	80.263	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	140610	108.860	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	420483	76.056	ng	0.00
79) Terphenyl-d14	20.051	244	852960	83.984	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.523	88	15858	31.361	ng	94
3) Pyridine	3.922	79	42209	31.280	ng	# 87
4) n-Nitrosodimethylamine	3.834	42	27677	46.630	ng	# 91
6) Aniline	7.395	93	68781	36.970	ng	98
8) 2-Chlorophenol	7.642	128	66073	53.496	ng	91
9) Benzaldehyde	7.207	77	11636m	12.564	ng	
10) Phenol	7.260	94	86380	54.316	ng	94
11) bis(2-Chloroethyl)ether	7.483	93	58386	47.832	ng	97
12) 1,3-Dichlorobenzene	7.965	146	65058	42.037	ng	88
13) 1,4-Dichlorobenzene	8.112	146	66985	43.087	ng	97
14) 1,2-Dichlorobenzene	8.429	146	65828	44.109	ng	99
15) Benzyl Alcohol	8.306	79	62882	53.616	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.599	45	90894	49.812	ng	99
17) 2-Methylphenol	8.511	107	59396	53.764	ng	92
18) Hexachloroethane	9.163	117	22363	43.362	ng	# 83
19) n-Nitroso-di-n-propyla...	8.876	70	52357	49.663	ng	96
20) 3+4-Methylphenols	8.840	107	81913	52.871	ng	95
22) Acetophenone	8.893	105	99802	40.422	ng	# 96
24) Nitrobenzene	9.275	77	74040	41.598	ng	# 84
25) Isophorone	9.798	82	144411	42.779	ng	95
26) 2-Nitrophenol	9.992	139	36859	46.885	ng	# 85
27) 2,4-Dimethylphenol	10.051	122	68810	54.076	ng	91
28) bis(2-Chloroethoxy)met...	10.280	93	83152	45.725	ng	98
29) 2,4-Dichlorophenol	10.532	162	78825	46.203	ng	93
30) 1,2,4-Trichlorobenzene	10.744	180	79053	37.422	ng	96
31) Naphthalene	10.932	128	204803	39.940	ng	100
32) Benzoic acid	10.198	122	27265	48.904	ng	# 81
33) 4-Chloroaniline	11.032	127	56796	26.699	ng	96
34) Hexachlorobutadiene	11.220	225	53244	32.783	ng	96
35) Caprolactam	11.802	113	24553m	52.278	ng	
36) 4-Chloro-3-methylphenol	12.154	107	81521	49.154	ng	# 82
37) 2-Methylnaphthalene	12.536	142	156724	41.310	ng	96
38) 1-Methylnaphthalene	12.747	142	153391	41.524	ng	96
40) 1,2,4,5-Tetrachloroben...	12.900	216	111592	36.024	ng	97
41) Hexachlorocyclopentadiene	12.883	237	106921	74.125	ng	99
43) 2,4,6-Trichlorophenol	13.135	196	73570	42.280	ng	96

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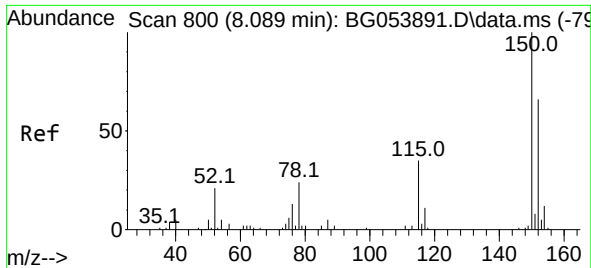
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.212	196	81947	42.178	ng	94
46) 1,1'-Biphenyl	13.535	154	228633	40.828	ng	99
47) 2-Chloronaphthalene	13.582	162	179890	39.694	ng	97
48) 2-Nitroaniline	13.776	65	58971	48.917	ng	95
49) Acenaphthylene	14.422	152	304423	43.199	ng	100
50) Dimethylphthalate	14.146	163	248889	40.651	ng	99
51) 2,6-Dinitrotoluene	14.269	165	55161	44.592	ng	# 73
52) Acenaphthene	14.763	154	207417m	46.175	ng	
53) 3-Nitroaniline	14.598	138	40888	34.117	ng	89
54) 2,4-Dinitrophenol	14.804	184	58930	85.777	ng	# 77
55) Dibenzofuran	15.098	168	297879	41.158	ng	95
56) 4-Nitrophenol	14.904	139	77698	91.318	ng	# 89
57) 2,4-Dinitrotoluene	15.057	165	79808	45.682	ng	86
58) Fluorene	15.744	166	243236	40.933	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.321	232	74720	39.326	ng	# 96
60) Diethylphthalate	15.509	149	248900	41.978	ng	97
61) 4-Chlorophenyl-phenyle...	15.732	204	140859	39.595	ng	92
62) 4-Nitroaniline	15.756	138	53119	42.502	ng	# 77
63) Azobenzene	16.026	77	210867	44.181	ng	92
65) 4,6-Dinitro-2-methylph...	15.820	198	45919	45.644	ng	88
66) n-Nitrosodiphenylamine	15.950	169	223308	42.492	ng	97
67) 4-Bromophenyl-phenylether	16.625	248	98567	39.138	ng	96
68) Hexachlorobenzene	16.755	284	106890	37.104	ng	94
69) Atrazine	16.890	200	94371	43.349	ng	97
70) Pentachlorophenol	17.095	266	109715	81.987	ng	95
71) Phenanthrene	17.483	178	417103	40.261	ng	96
72) Anthracene	17.577	178	426266	42.135	ng	99
73) Carbazole	17.841	167	373611	43.025	ng	99
74) Di-n-butylphthalate	18.400	149	436290	43.454	ng	# 98
75) Fluoranthene	19.492	202	523716	38.509	ng	96
77) Benzidine	19.663	184	171250	40.426	ng	98
78) Pyrene	19.851	202	535724	43.362	ng	98
80) Butylbenzylphthalate	20.732	149	189523	47.859	ng	95
81) Benzo(a)anthracene	21.696	228	547309	41.323	ng	98
82) 3,3'-Dichlorobenzidine	21.608	252	144474	36.511	ng	99
83) Chrysene	21.766	228	501229	39.702	ng	96
84) Bis(2-ethylhexyl)phtha...	21.602	149	276401	48.803	ng	95
85) Di-n-octyl phthalate	22.824	149	470541	48.338	ng	97
87) Indeno(1,2,3-cd)pyrene	28.705	276	620695	39.478	ng	# 95
88) Benzo(b)fluoranthene	23.940	252	550814	43.481	ng	99
89) Benzo(k)fluoranthene	24.011	252	535292	42.678	ng	98
90) Benzo(a)pyrene	24.822	252	532617	49.832	ng	# 99
91) Dibenzo(a,h)anthracene	28.770	278	540011	41.534	ng	99
92) Benzo(g,h,i)perylene	29.869	276	520233	40.546	ng	95

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



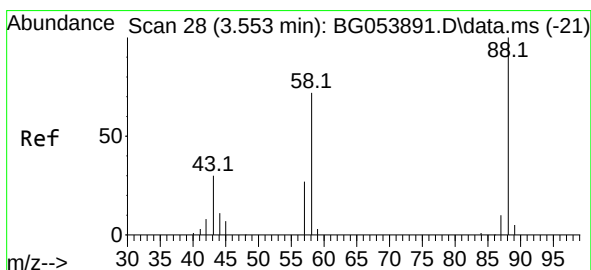
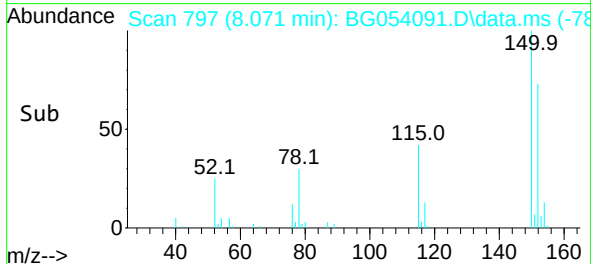
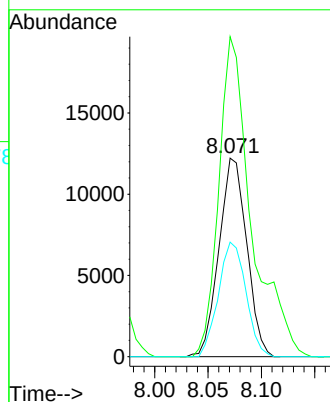
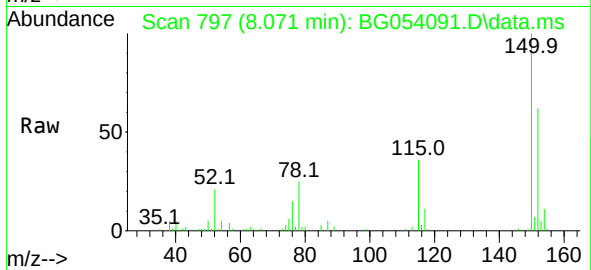
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.071 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:152 Resp: 22110
Ion Ratio Lower Upper
152 100
150 161.1 131.6 197.4
115 57.7 50.9 76.3

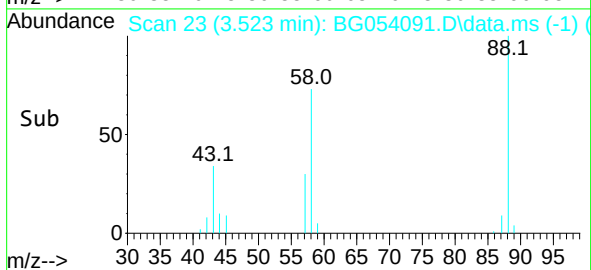
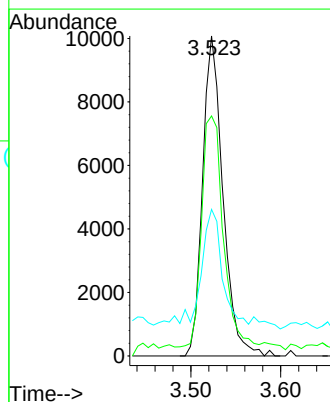
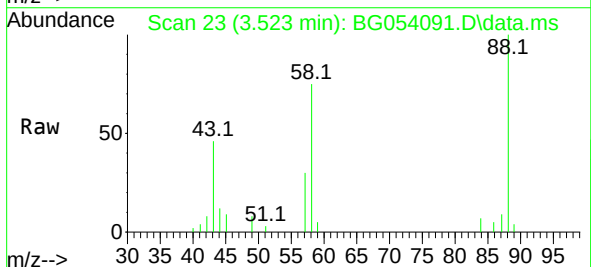
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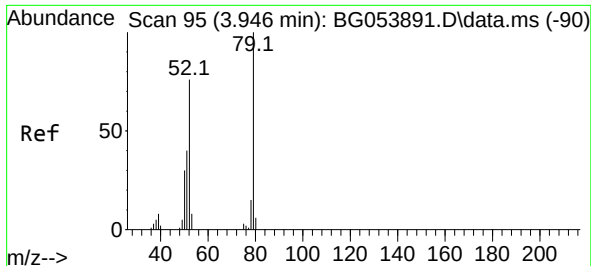
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#2
1,4-Dioxane
Concen: 31.361 ng
RT: 3.523 min Scan# 23
Delta R.T. -0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

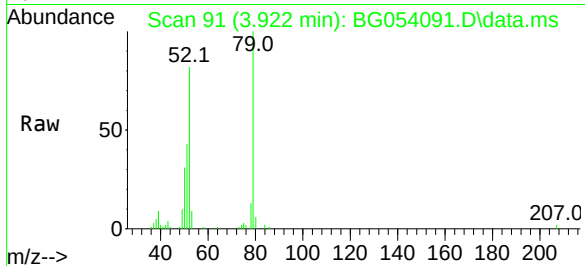
Tgt Ion: 88 Resp: 15858
Ion Ratio Lower Upper
88 100
58 78.4 59.2 88.8
43 35.4 24.3 36.5





#3
Pyridine
Concen: 31.280 ng
RT: 3.922 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

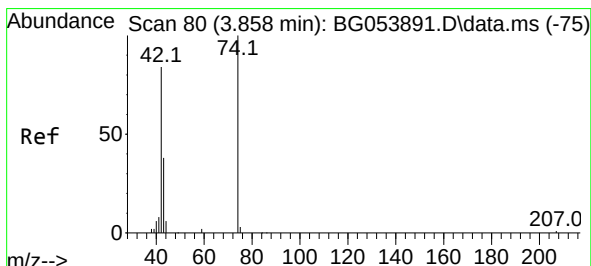
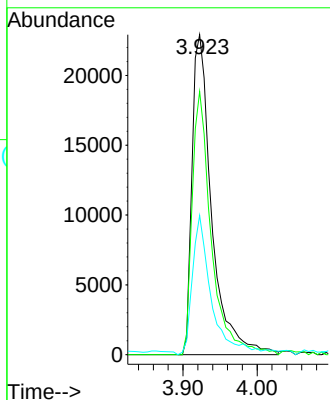
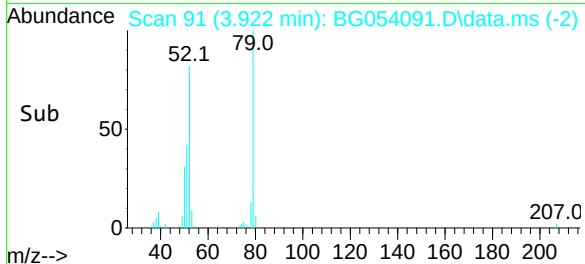
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



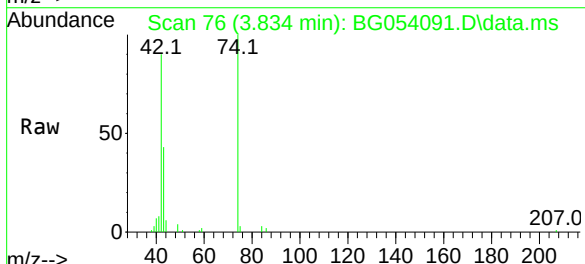
Tgt Ion: 79 Resp: 42209
Ion Ratio Lower Upper
79 100
52 82.3 54.6 81.8
51 43.5 32.5 48.7

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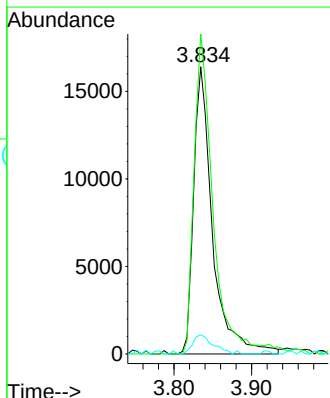
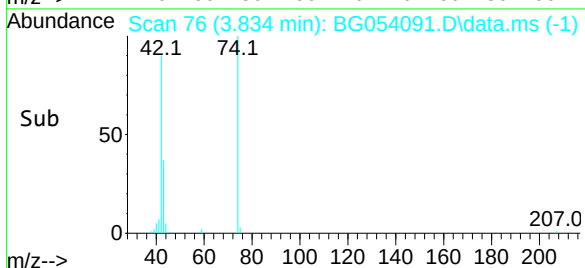
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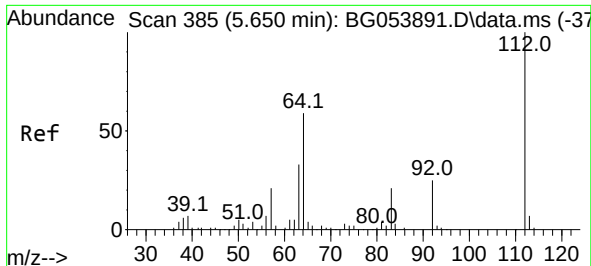


#4
n-Nitrosodimethylamine
Concen: 46.630 ng
RT: 3.834 min Scan# 76
Delta R.T. -0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



Tgt Ion: 42 Resp: 27677
Ion Ratio Lower Upper
42 100
74 111.4 97.0 145.4
44 6.7 7.0 10.4





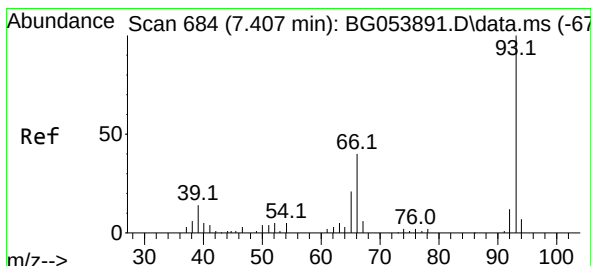
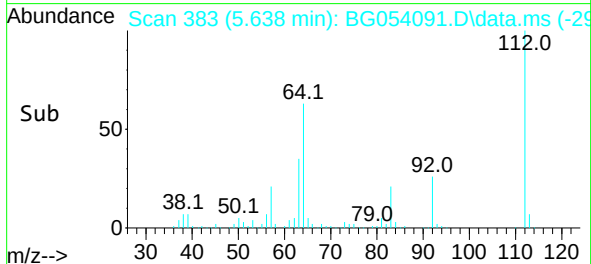
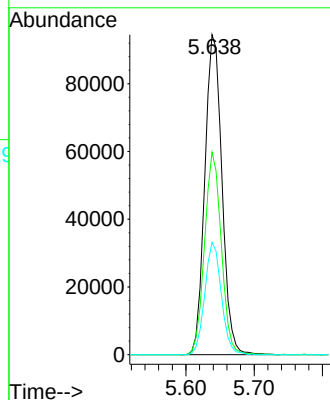
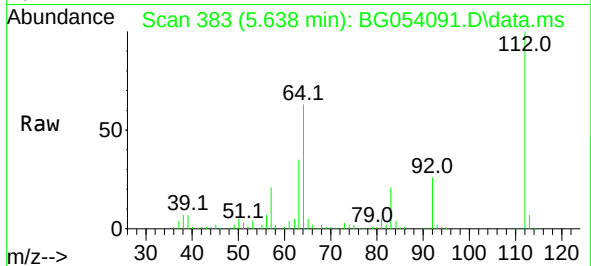
#5
2-Fluorophenol
Concen: 142.915 ng
RT: 5.638 min Scan# 383
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

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ClientSampleId :
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Tgt Ion:112 Resp: 16531
Ion Ratio Lower Upper
112 100
64 63.3 55.1 82.7
63 35.1 30.4 45.6

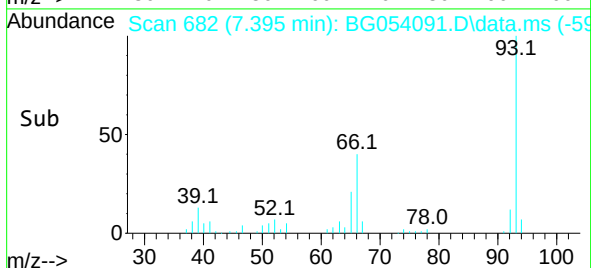
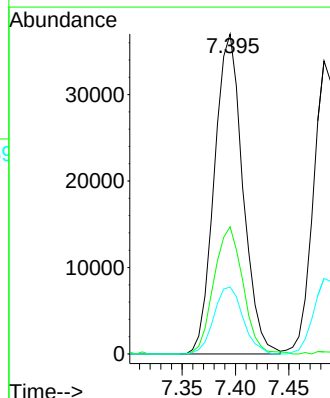
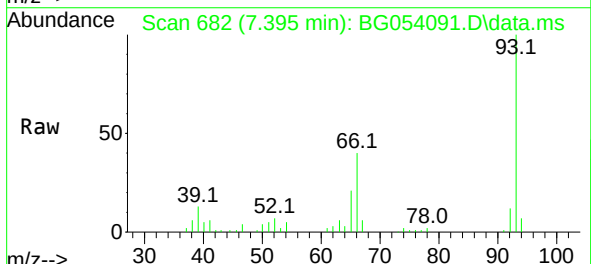
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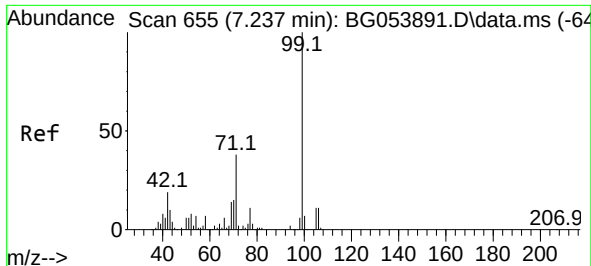
Reviewed By :Christian Giraldo 06/28/2022
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#6
Aniline
Concen: 36.970 ng
RT: 7.395 min Scan# 682
Delta R.T. 0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

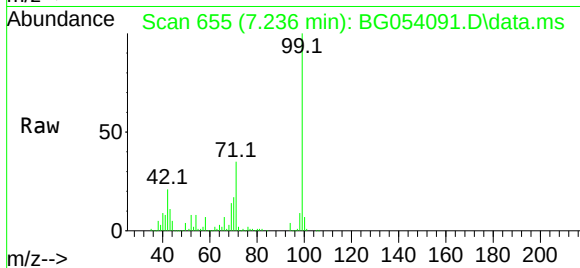
Tgt Ion: 93 Resp: 68781
Ion Ratio Lower Upper
93 100
66 39.7 32.9 49.3
65 20.9 17.8 26.8





#7
Phenol-d6
Concen: 144.467 ng
RT: 7.236 min Scan# 611
Delta R.T. 0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

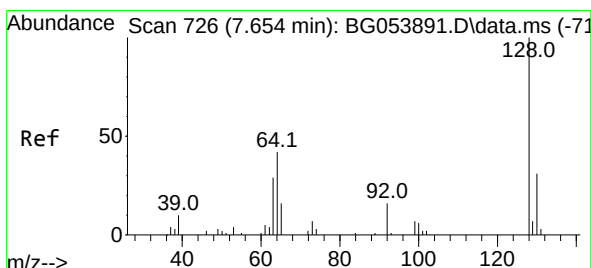
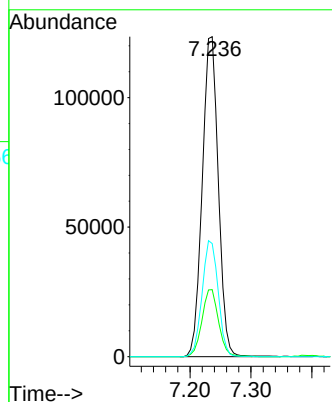
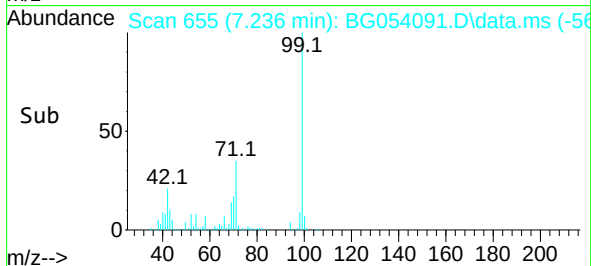
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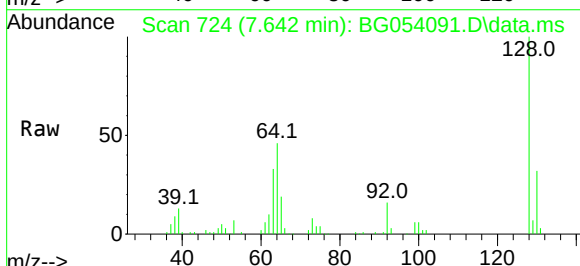
Tgt Ion: 99 Resp: 226700
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 35.3 33.8 50.8

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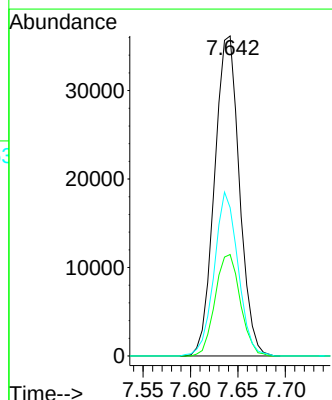
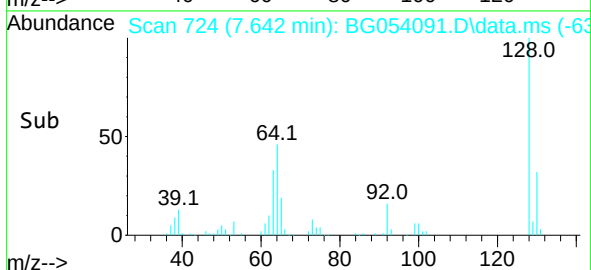
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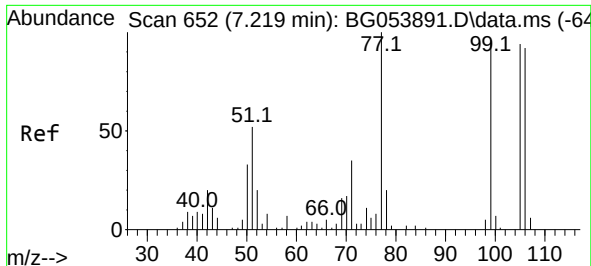


#8
2-Chlorophenol
Concen: 53.496 ng
RT: 7.642 min Scan# 724
Delta R.T. 0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



Tgt Ion:128 Resp: 66073
Ion Ratio Lower Upper
128 100
130 31.7 10.5 50.5
64 46.4 35.1 75.1





#9
Benzaldehyde
Concen: 12.564 ng m
RT: 7.207 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG054091.D
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Instrument :

BNA_G

ClientSampleId :

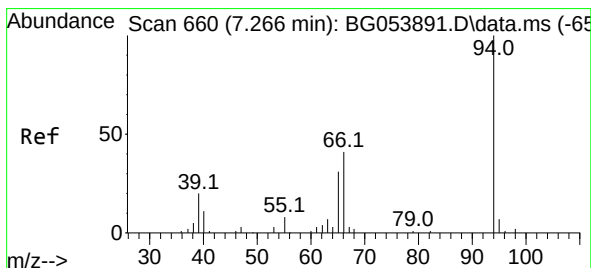
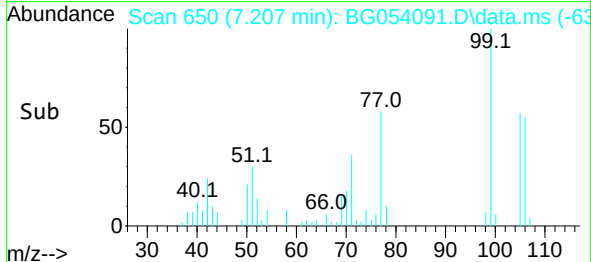
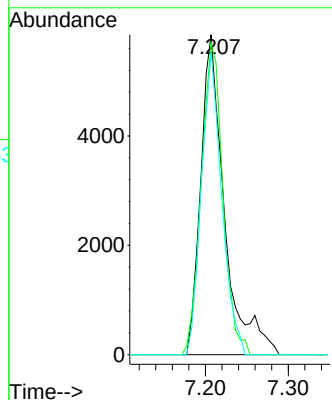
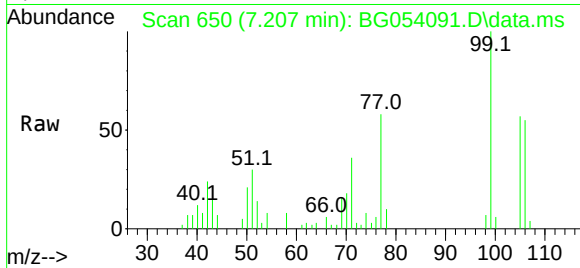
PB145813BSD

Tgt Ion: 77 Resp: 11630
Ion Ratio Lower Upper
77 100
105 97.4 59.6 99.6
106 94.4 56.8 96.8

Manual Integrations

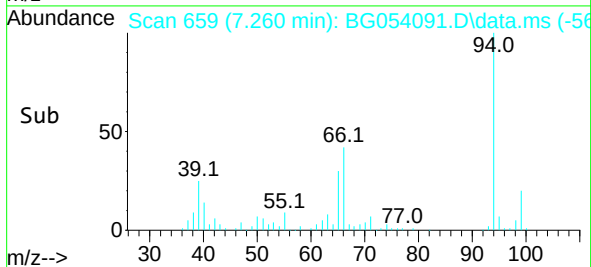
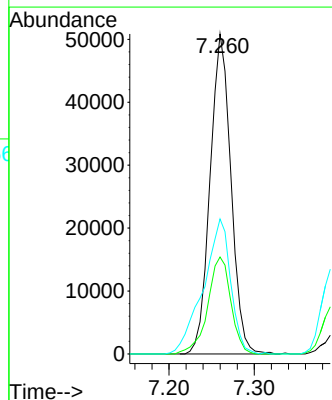
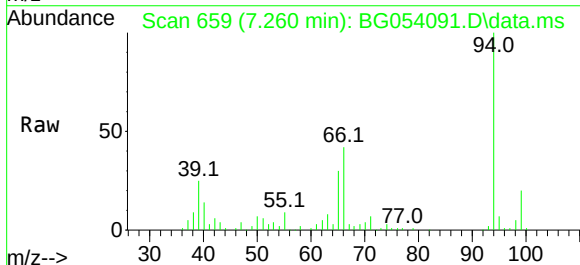
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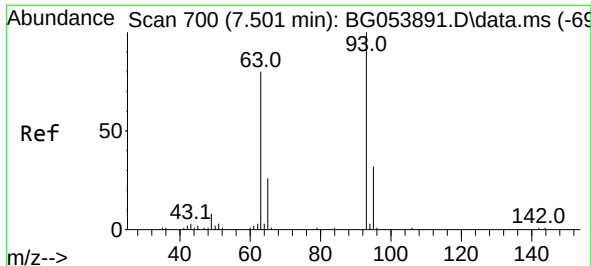
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#10
Phenol
Concen: 54.316 ng
RT: 7.260 min Scan# 659
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

Tgt Ion: 94 Resp: 86380
Ion Ratio Lower Upper
94 100
65 30.3 14.8 54.8
66 42.2 25.2 65.2





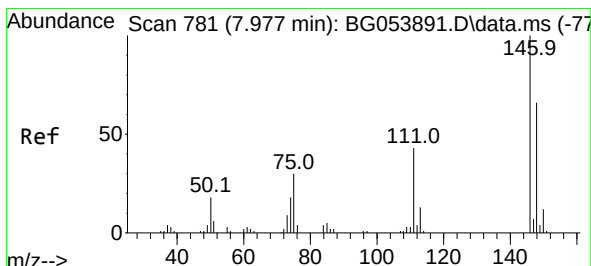
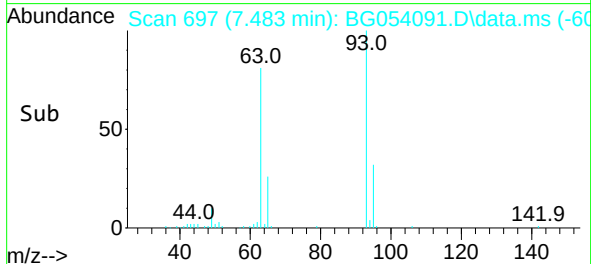
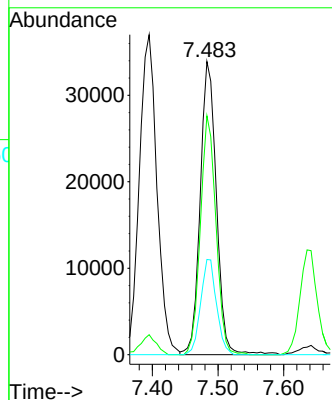
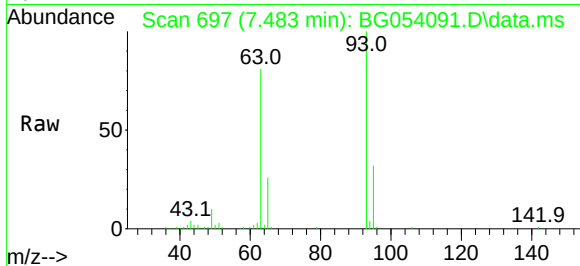
#11
bis(2-Chloroethyl)ether
Concen: 47.832 ng
RT: 7.483 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

Instrument :
BNA_G
ClientSampleId :
PB145813BSD

Tgt Ion: 93 Resp: 58380
Ion Ratio Lower Upper
93 100
63 81.5 63.6 103.6
95 32.5 10.1 50.1

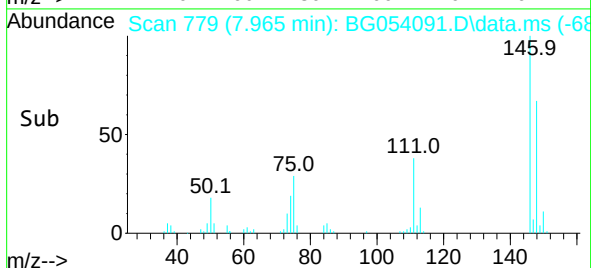
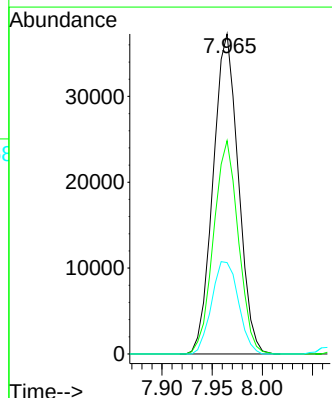
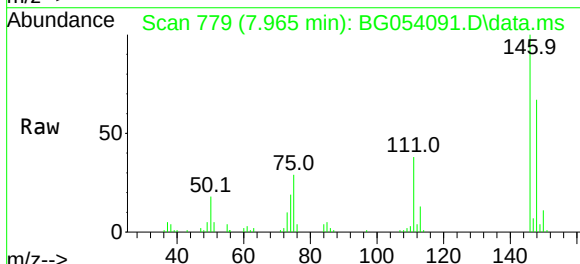
Manual Integrations
APPROVED

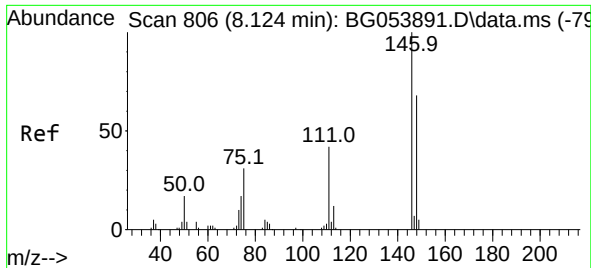
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#12
1,3-Dichlorobenzene
Concen: 42.037 ng
RT: 7.965 min Scan# 779
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

Tgt Ion:146 Resp: 65058
Ion Ratio Lower Upper
146 100
148 66.7 46.1 69.1
75 28.6 27.6 41.4





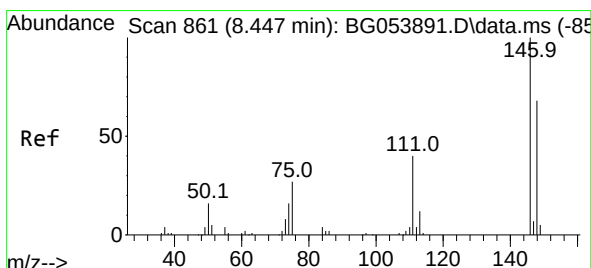
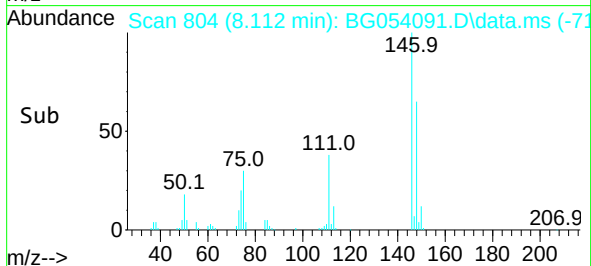
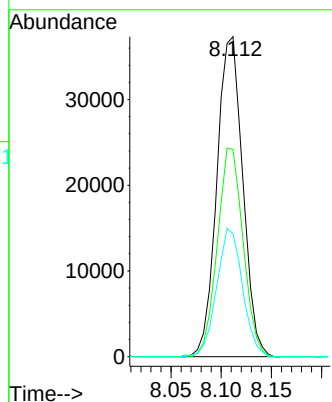
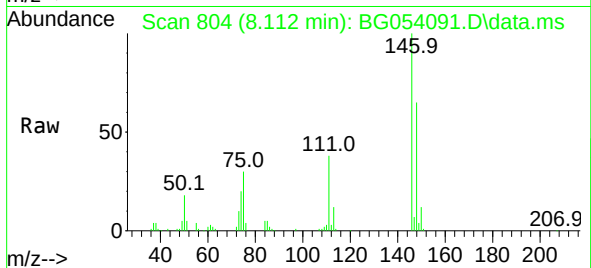
#13
1,4-Dichlorobenzene
Concen: 43.087 ng
RT: 8.112 min Scan# 804
Delta R.T. 0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

Instrument :
BNA_G
ClientSampleId :
PB145813BSD

Tgt Ion:146 Resp: 6698
Ion Ratio Lower Upper
146 100
148 64.8 51.5 77.3
111 38.5 33.9 50.9

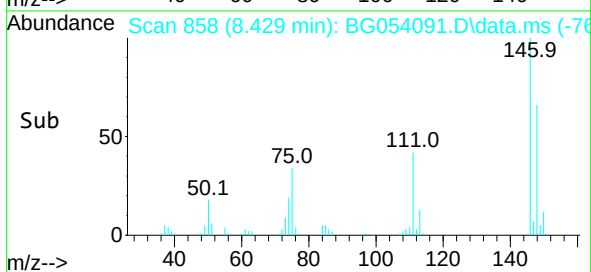
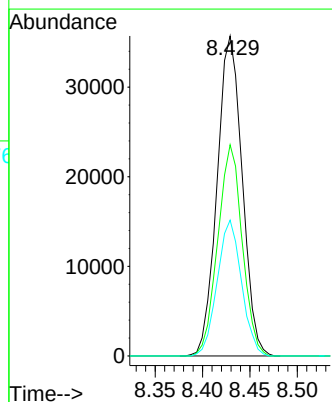
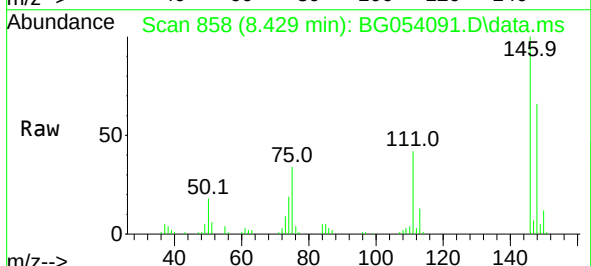
Manual Integrations
APPROVED

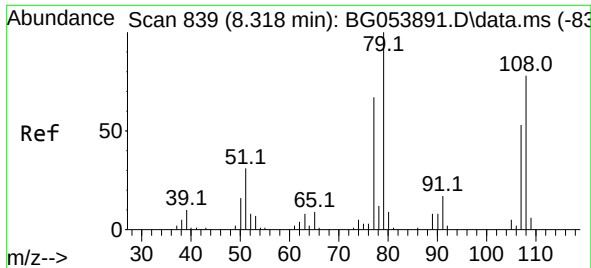
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#14
1,2-Dichlorobenzene
Concen: 44.109 ng
RT: 8.429 min Scan# 858
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

Tgt Ion:146 Resp: 65828
Ion Ratio Lower Upper
146 100
148 66.0 52.6 78.8
111 42.4 34.5 51.7





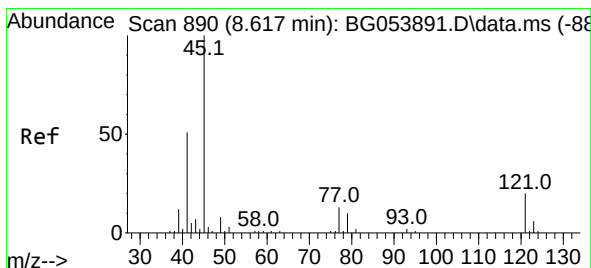
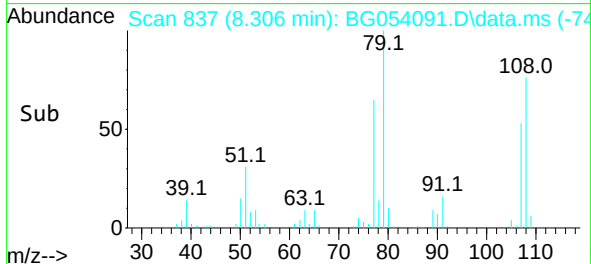
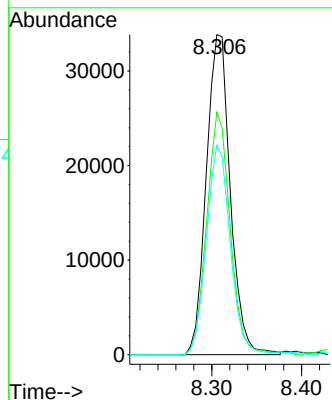
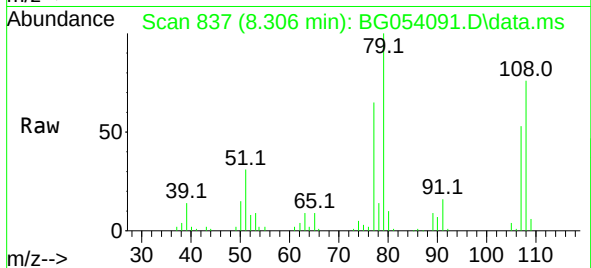
#15
Benzyl Alcohol
Concen: 53.616 ng
RT: 8.306 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

Instrument :
BNA_G
ClientSampleId :
PB145813BSD

Tgt Ion: 79 Resp: 6288
Ion Ratio Lower Upper
79 100
108 75.8 53.7 80.5
77 65.5 52.2 78.4

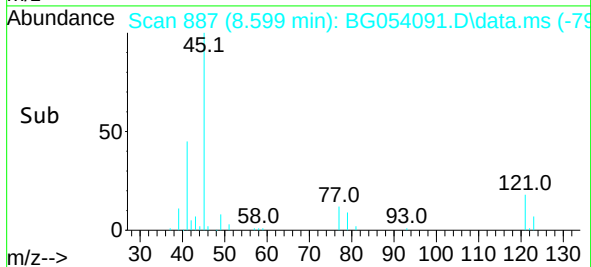
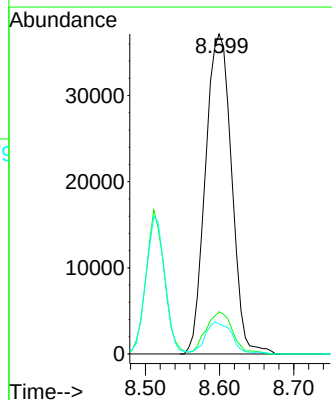
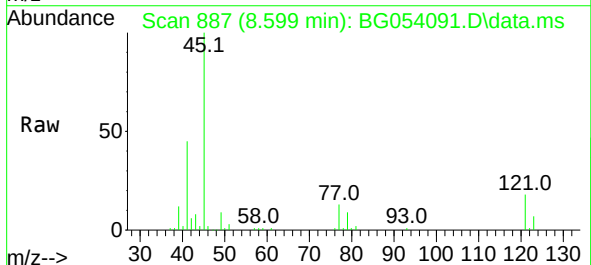
Manual Integrations
APPROVED

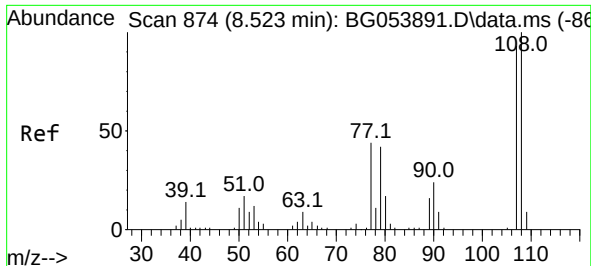
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.812 ng
RT: 8.599 min Scan# 887
Delta R.T. 0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

Tgt Ion: 45 Resp: 90894
Ion Ratio Lower Upper
45 100
77 13.2 0.0 32.7
79 9.4 0.0 29.7





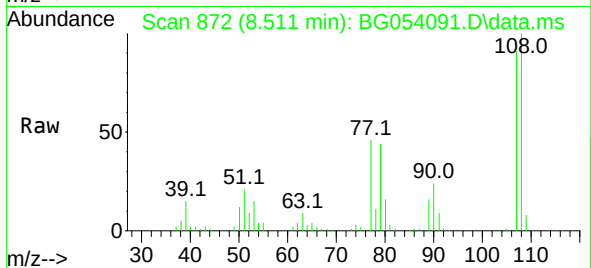
#17
2-Methylphenol
Concen: 53.764 ng
RT: 8.511 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

Instrument :

BNA_G

ClientSampleId :

PB145813BSD

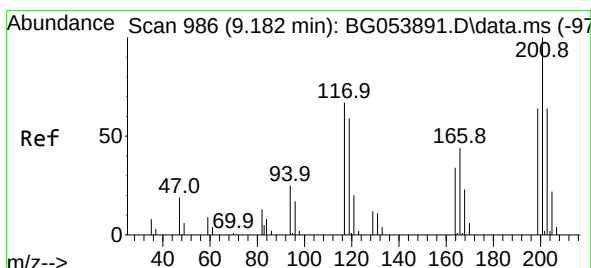
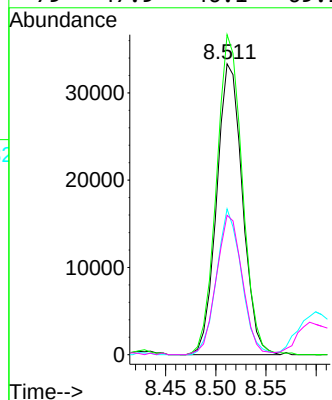


Tgt Ion:107 Resp: 59390
Ion Ratio Lower Upper
107 100
108 110.0 85.4 128.0
77 50.1 46.2 69.2
79 47.9 46.1 69.1

Manual Integrations

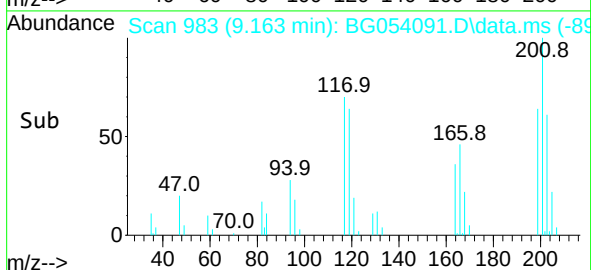
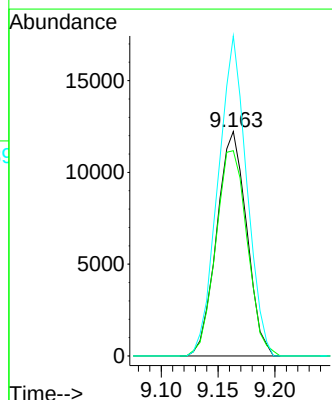
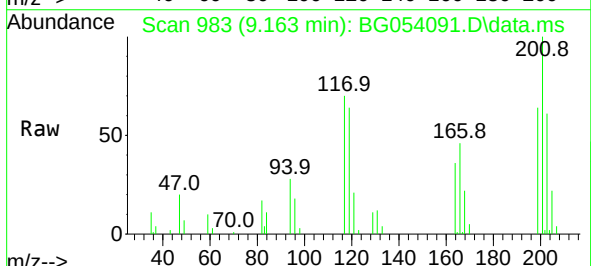
APPROVED

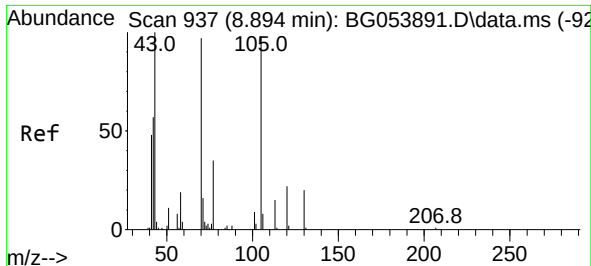
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#18
Hexachloroethane
Concen: 43.362 ng
RT: 9.163 min Scan# 983
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

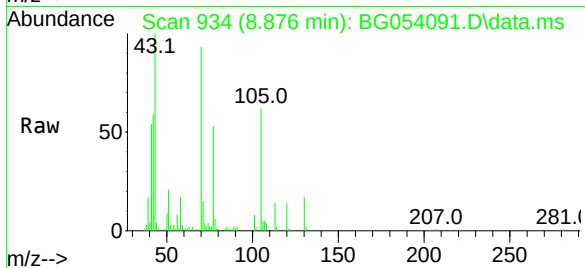
Tgt Ion:117 Resp: 22363
Ion Ratio Lower Upper
117 100
119 91.5 75.0 112.6
201 142.6 89.0 133.6#





#19
n-Nitroso-di-n-propylamine
Concen: 49.663 ng
RT: 8.876 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

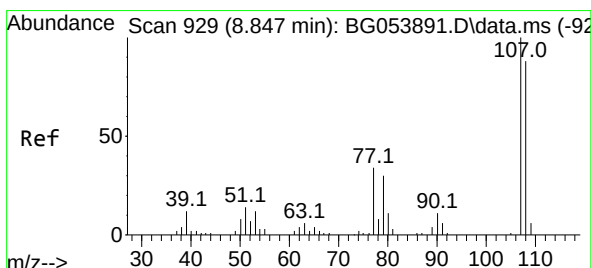
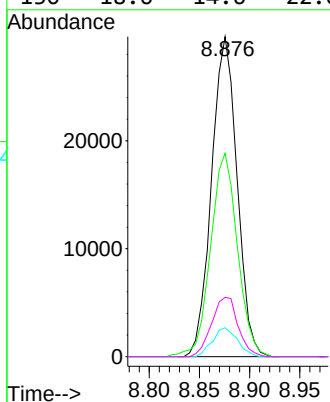
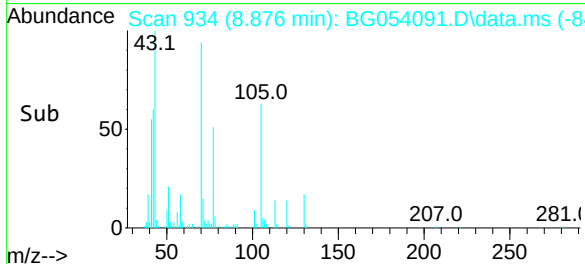
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



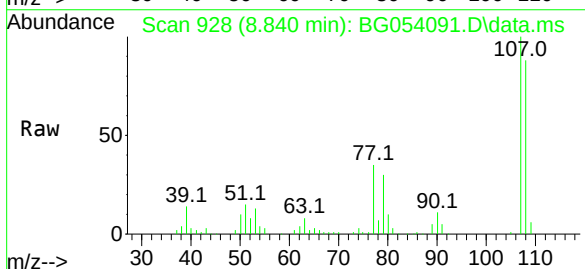
Tgt Ion: 70 Resp: 5235
Ion Ratio Lower Upper
70 100
42 63.6 47.3 70.9
101 9.1 7.0 10.4
130 18.6 14.6 22.0

Manual Integrations
APPROVED

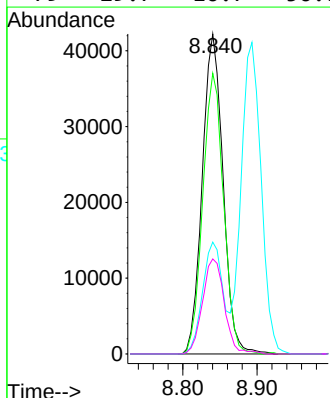
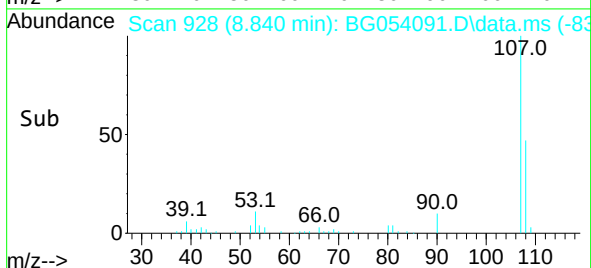
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

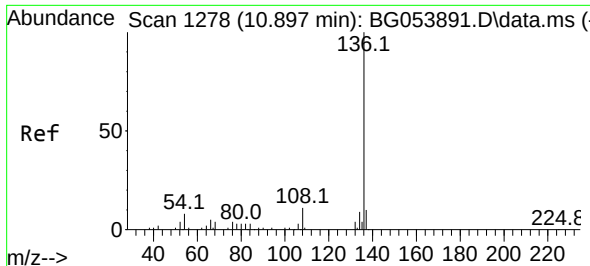


#20
3+4-Methylphenols
Concen: 52.871 ng
RT: 8.840 min Scan# 928
Delta R.T. 0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



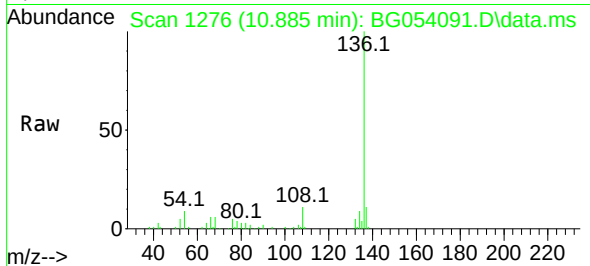
Tgt Ion:107 Resp: 81913
Ion Ratio Lower Upper
107 100
108 87.7 67.5 107.5
77 35.0 20.3 60.3
79 29.7 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.885 min Scan# 101574
Delta R.T. 0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

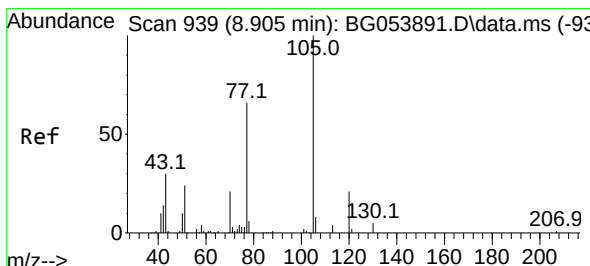
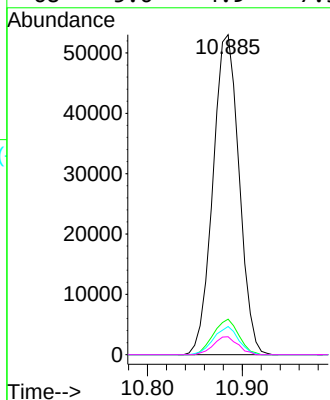
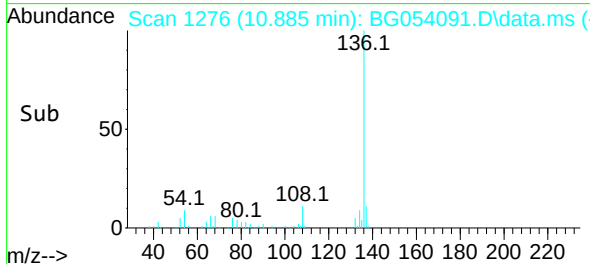
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



Tgt Ion:136 Resp: 101574
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 8.8 7.4 11.2
68 5.6 4.9 7.3

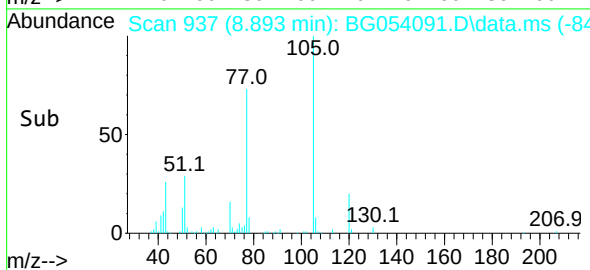
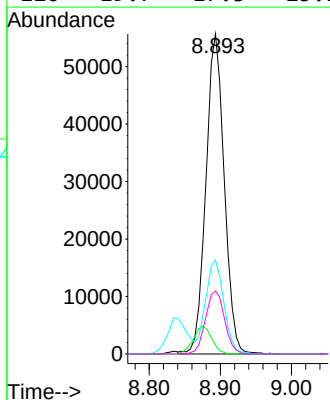
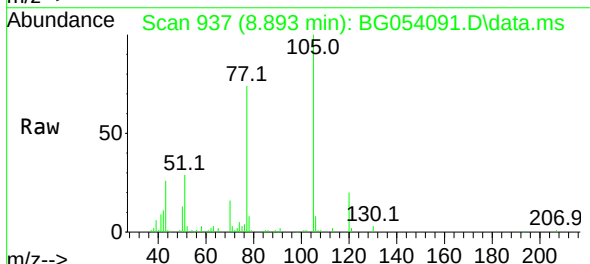
Manual Integrations
APPROVED

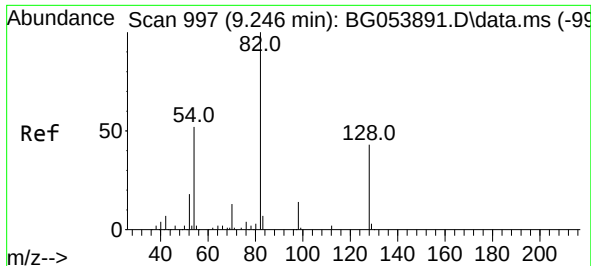
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#22
Acetophenone
Concen: 40.422 ng
RT: 8.893 min Scan# 937
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

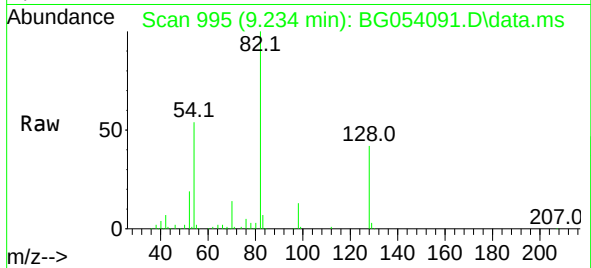
Tgt Ion:105 Resp: 99802
Ion Ratio Lower Upper
105 100
71 2.7 1.1 1.7#
51 29.4 25.4 38.0
120 19.7 17.3 25.9





#23
Nitrobenzene-d5
Concen: 80.263 ng
RT: 9.234 min Scan# 995
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

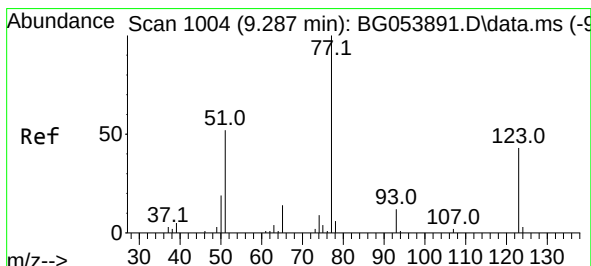
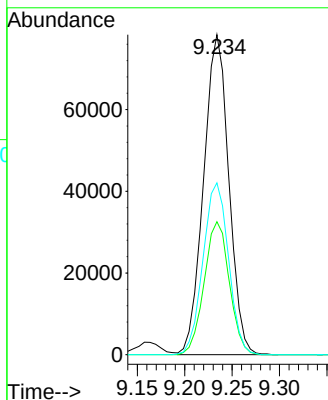
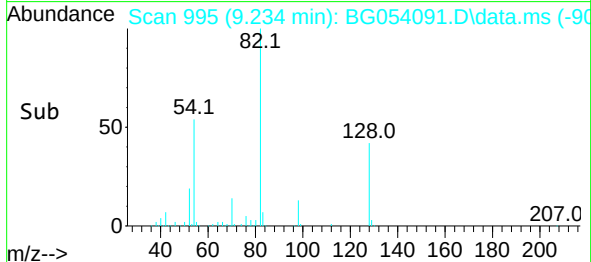
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



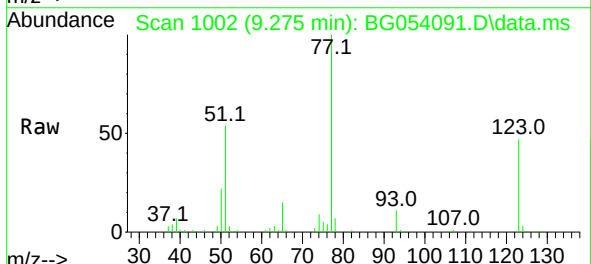
Tgt Ion: 82 Resp: 145075
Ion Ratio Lower Upper
82 100
128 41.6 27.9 41.9
54 53.7 41.2 61.8

Manual Integrations
APPROVED

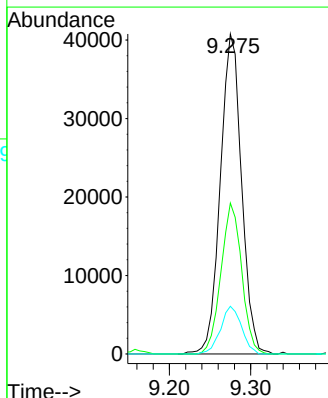
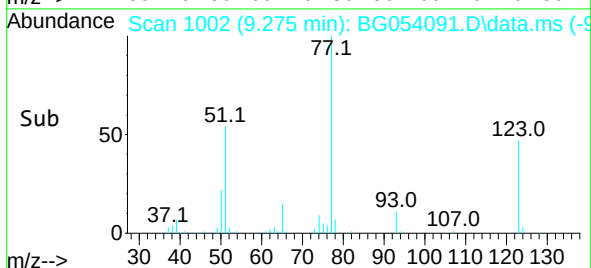
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

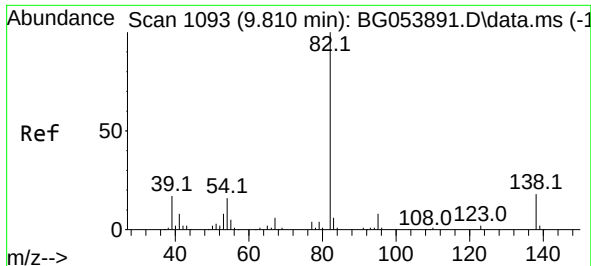


#24
Nitrobenzene
Concen: 41.598 ng
RT: 9.275 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



Tgt Ion: 77 Resp: 74040
Ion Ratio Lower Upper
77 100
123 47.2 27.4 41.0#
65 14.9 11.4 17.0





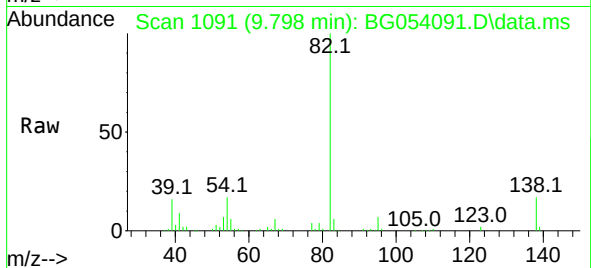
#25
Isophorone
Concen: 42.779 ng
RT: 9.798 min Scan# 1093
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

Instrument :

BNA_G

ClientSampleId :

PB145813BSD

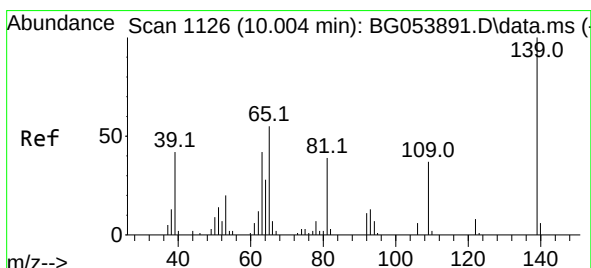
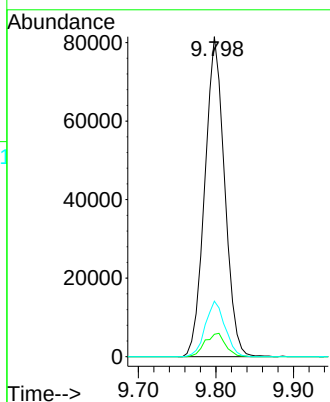
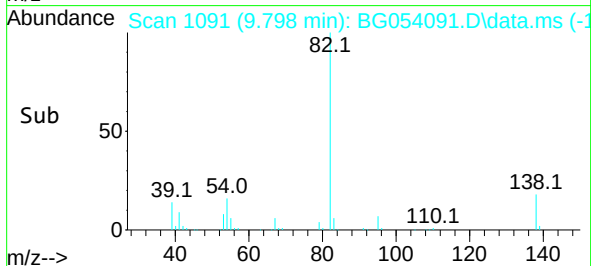


Tgt Ion: 82 Resp: 14441
Ion Ratio Lower Upper
82 100
95 7.0 6.2 9.4
138 17.4 11.6 17.4

Manual Integrations

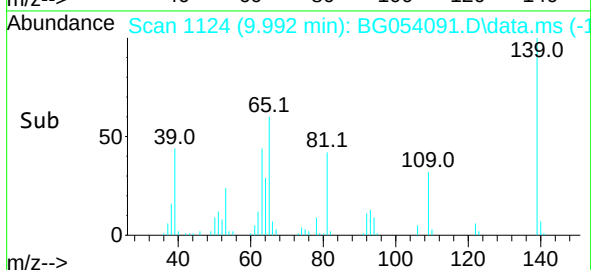
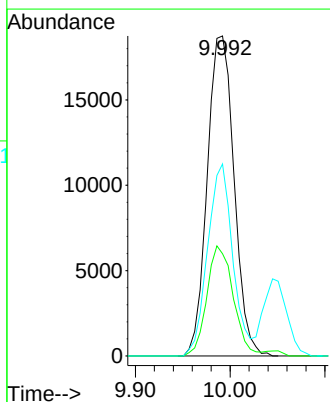
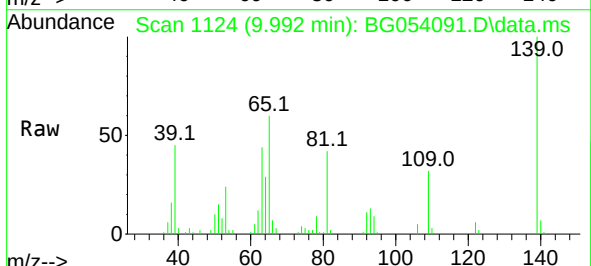
APPROVED

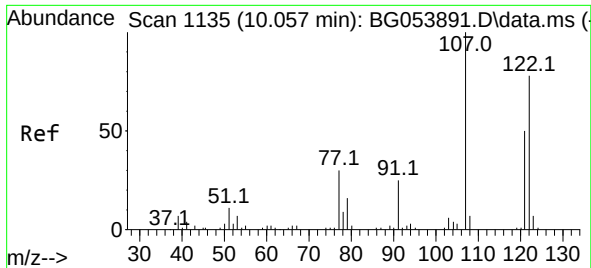
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#26
2-Nitrophenol
Concen: 46.885 ng
RT: 9.992 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

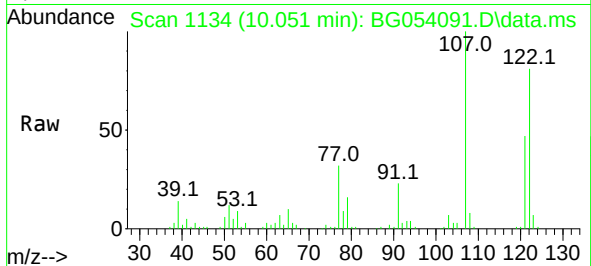
Tgt Ion:139 Resp: 36859
Ion Ratio Lower Upper
139 100
109 32.0 36.1 54.1#
65 60.0 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 54.076 ng
RT: 10.051 min Scan# 1135
Delta R.T. 0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

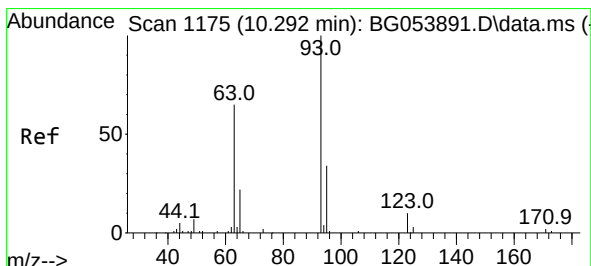
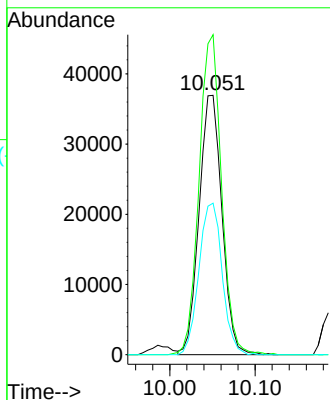
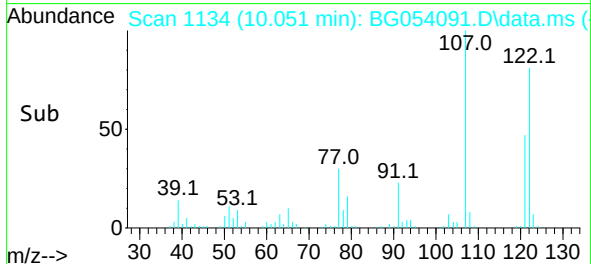
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



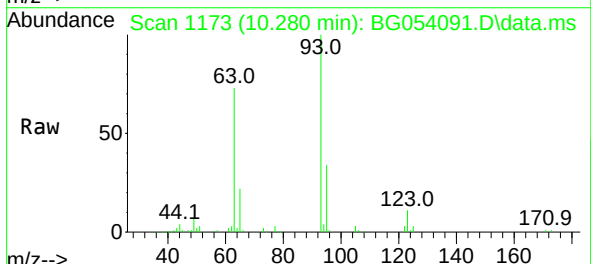
Tgt Ion:122 Resp: 68810
Ion Ratio Lower Upper
122 100
107 123.4 109.4 164.0
121 58.4 48.7 73.1

Manual Integrations
APPROVED

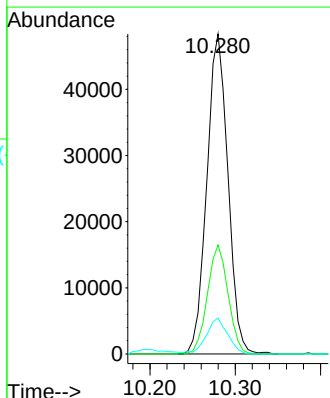
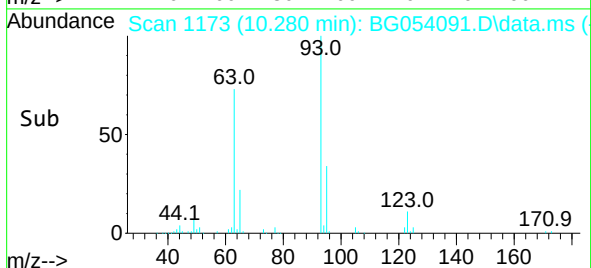
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

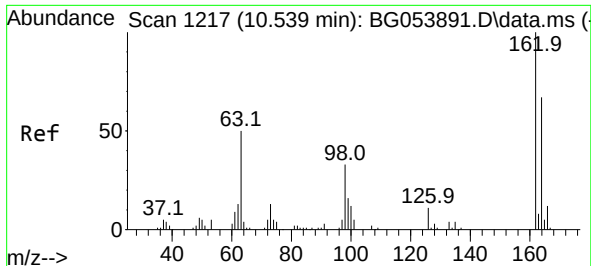


#28
bis(2-Chloroethoxy)methane
Concen: 45.725 ng
RT: 10.280 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



Tgt Ion: 93 Resp: 83152
Ion Ratio Lower Upper
93 100
95 34.0 26.9 40.3
123 11.2 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 46.203 ng

RT: 10.532 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG054091.D

Acq: 27 Jun 2022 13:38

Instrument :

BNA_G

ClientSampleId :

PB145813BSD

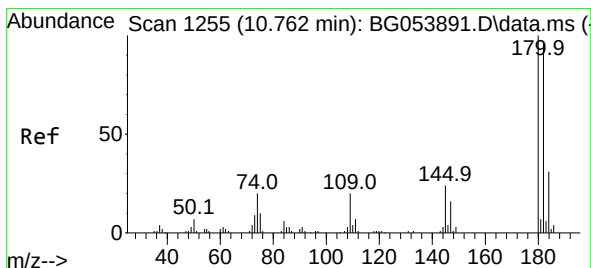
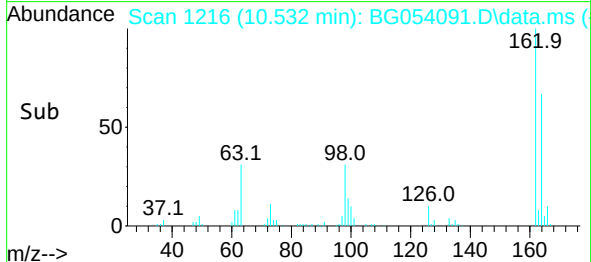
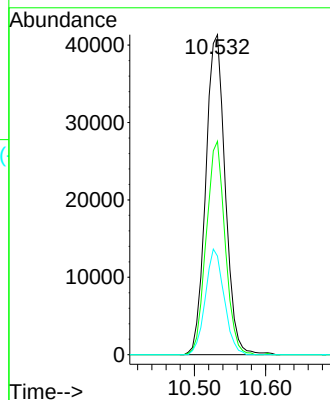
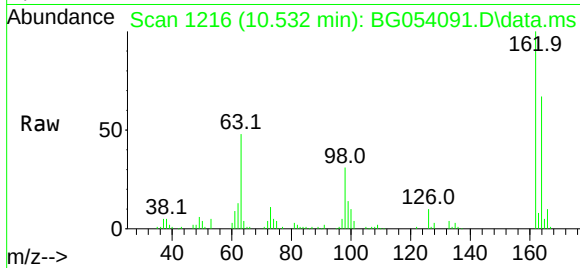
Tgt Ion:162	Resp:	7882
Ion Ratio	Lower	Upper
162	100	
164	66.7	46.6 86.6
98	30.8	22.8 62.8

Manual Integrations

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Reviewed By :Christian Giraldo 06/28/2022

Supervised By :Jagrut Upadhyay 06/28/2022



#30

1,2,4-Trichlorobenzene

Concen: 37.422 ng

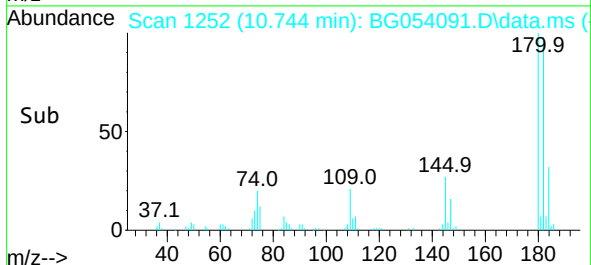
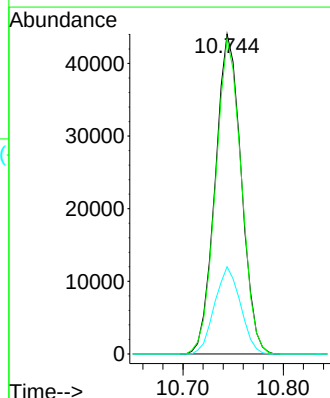
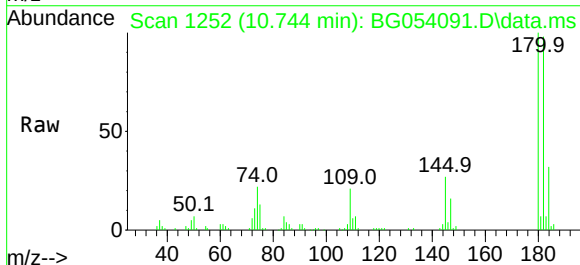
RT: 10.744 min Scan# 1252

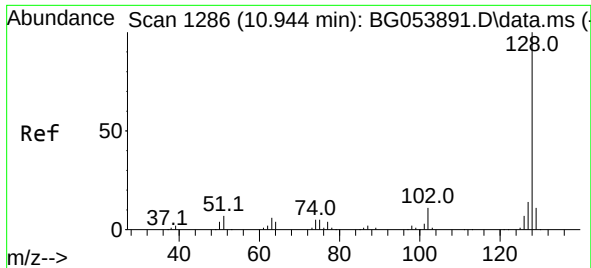
Delta R.T. 0.000 min

Lab File: BG054091.D

Acq: 27 Jun 2022 13:38

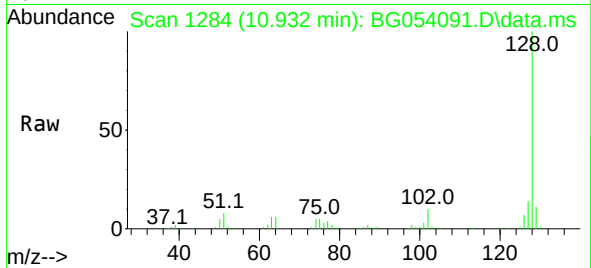
Tgt Ion:180	Resp:	79053
Ion Ratio	Lower	Upper
180	100	
182	98.5	76.6 115.0
145	27.3	25.0 37.4





#31
Naphthalene
Concen: 39.940 ng
RT: 10.932 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

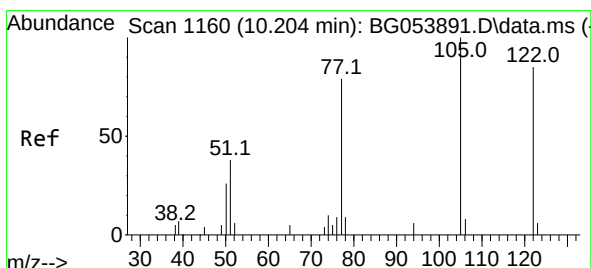
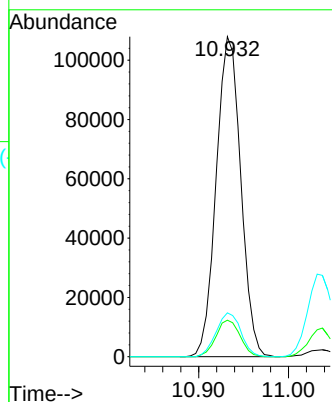
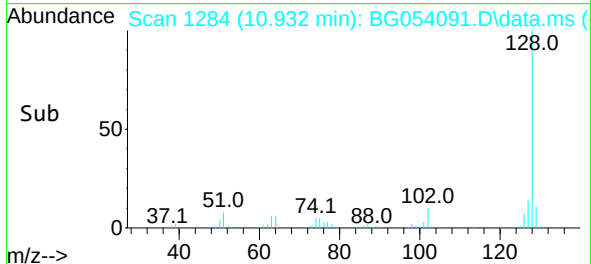
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



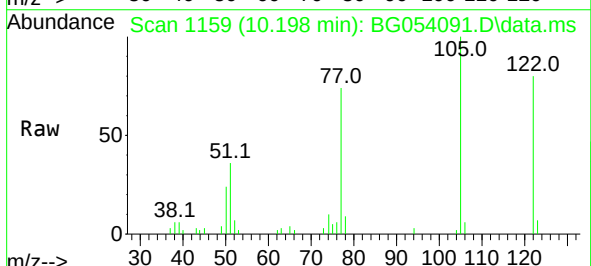
Tgt Ion:128 Resp: 20480
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.7 11.1 16.7

Manual Integrations
APPROVED

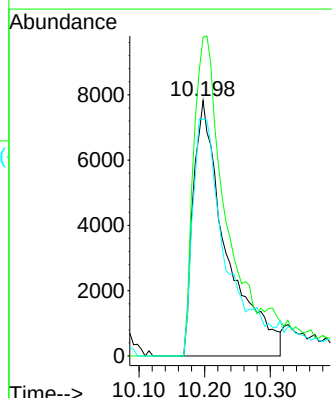
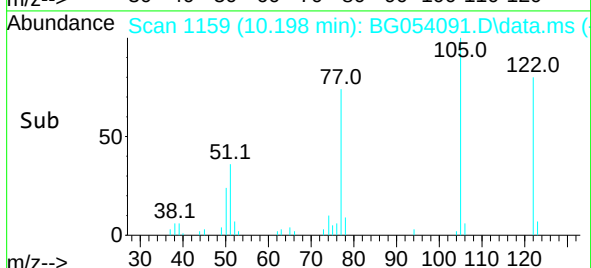
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

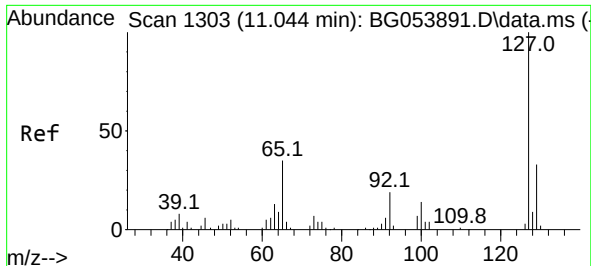


#32
Benzoic acid
Concen: 48.904 ng
RT: 10.198 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



Tgt Ion:122 Resp: 27265
Ion Ratio Lower Upper
122 100
105 124.8 111.8 151.8
77 92.7 109.4 149.4#





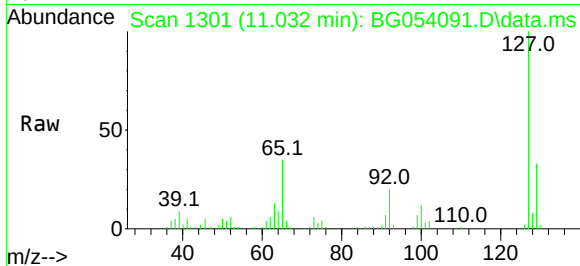
#33
4-Chloroaniline
Concen: 26.699 ng
RT: 11.032 min Scan# 11032
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

Instrument :

BNA_G

ClientSampleId :

PB145813BSD

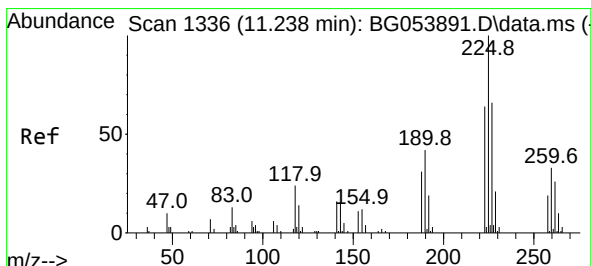
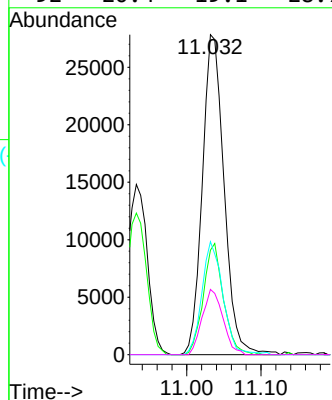
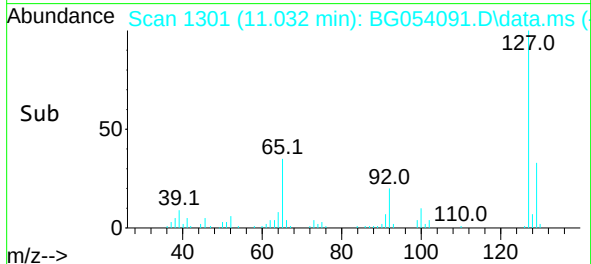


Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	35.3	31.1	46.7
92	20.4	19.1	28.7

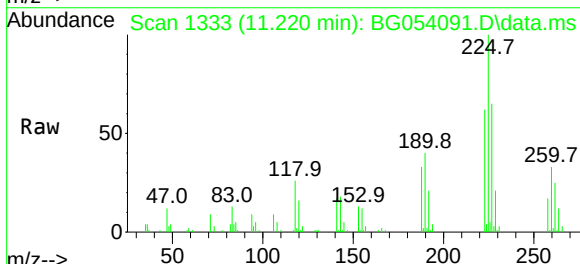
Manual Integrations

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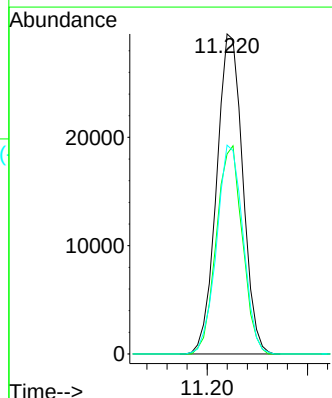
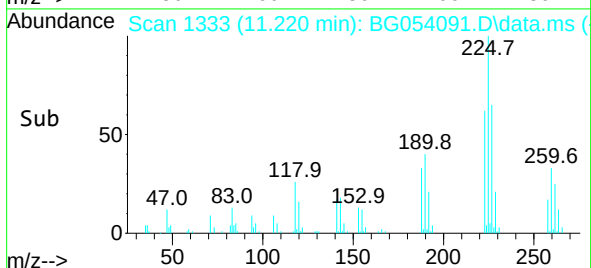
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

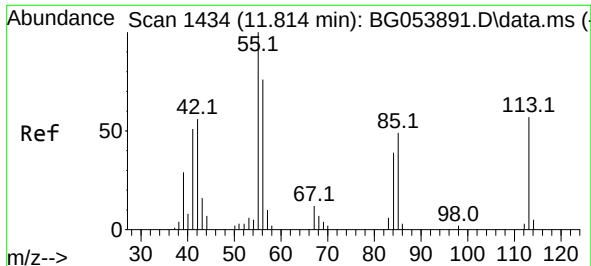


#34
Hexachlorobutadiene
Concen: 32.783 ng
RT: 11.220 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



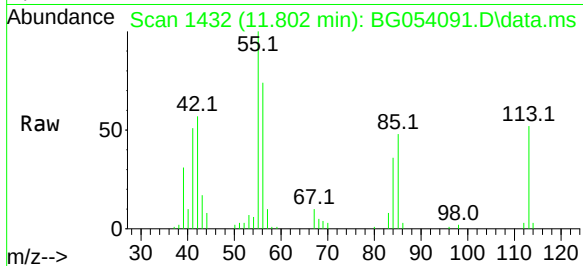
Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.3	48.9	73.3
227	61.9	52.8	79.2





#35
Caprolactam
Concen: 52.278 ng m
RT: 11.802 min Scan# 1434
Delta R.T. 0.012 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

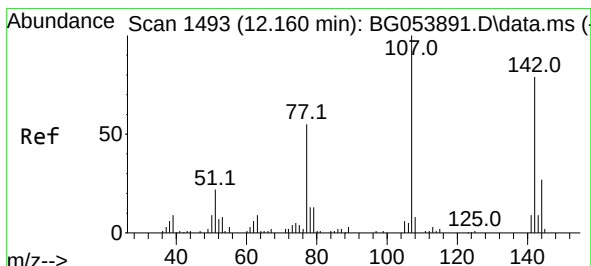
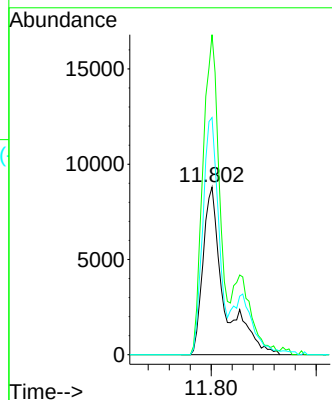
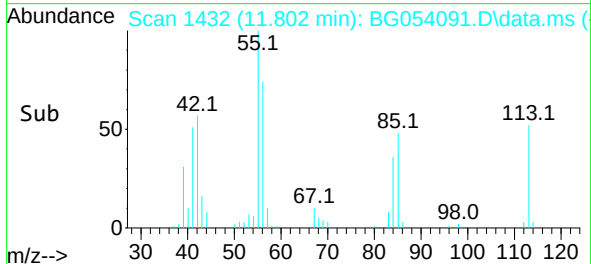
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



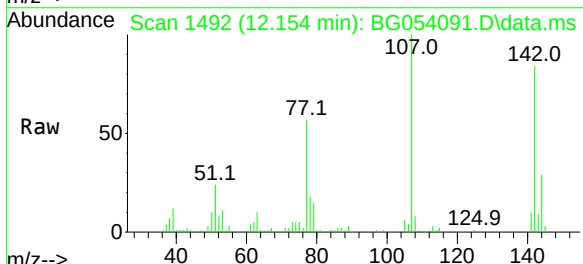
Tgt Ion:113 Resp: 2455
Ion Ratio Lower Upper
113 100
55 191.1 169.8 209.8
56 141.6 141.2 181.2

Manual Integrations
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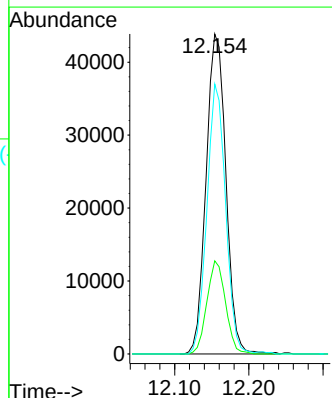
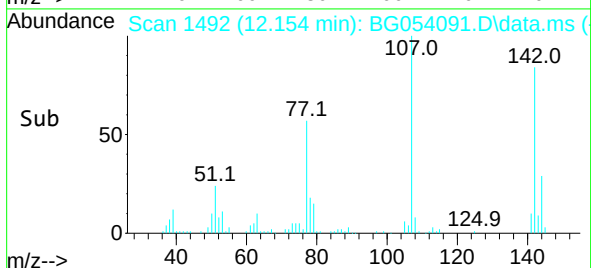
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

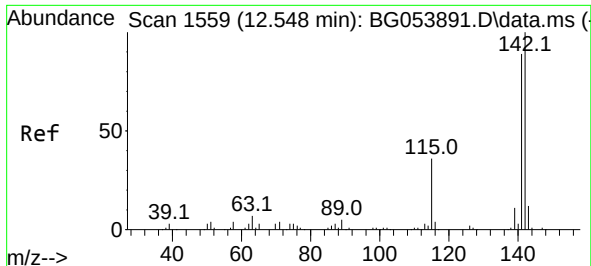


#36
4-Chloro-3-methylphenol
Concen: 49.154 ng
RT: 12.154 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



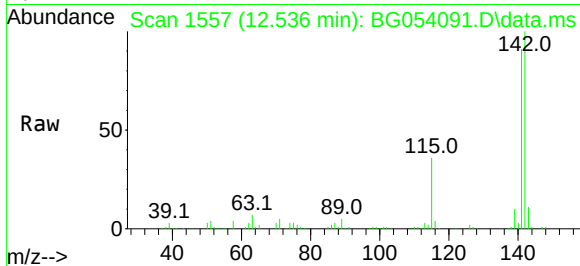
Tgt Ion:107 Resp: 81521
Ion Ratio Lower Upper
107 100
144 29.1 18.5 27.7#
142 84.3 55.0 82.4#





#37
2-Methylnaphthalene
Concen: 41.310 ng
RT: 12.536 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

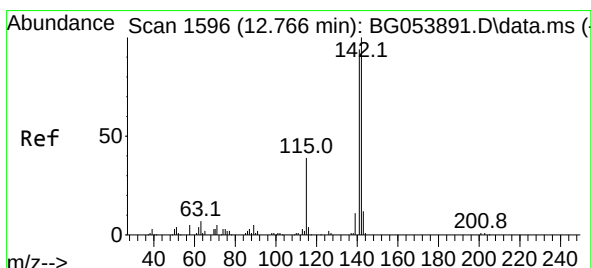
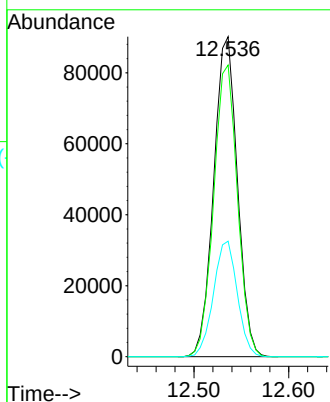
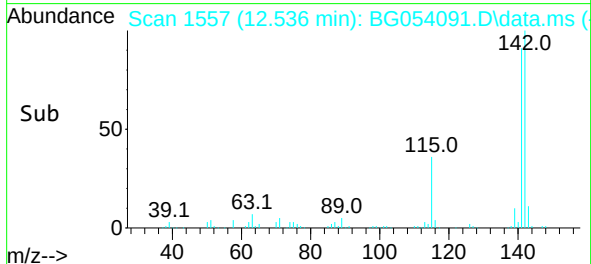
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



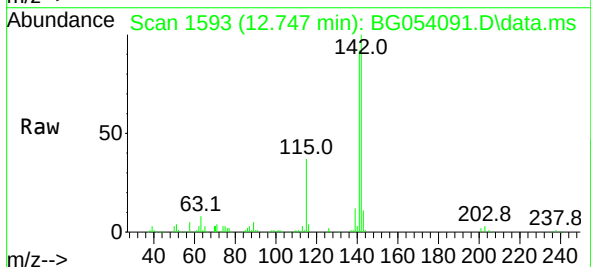
Tgt Ion:142 Resp: 156724
Ion Ratio Lower Upper
142 100
141 91.1 72.3 108.5
115 36.1 33.7 50.5

Manual Integrations
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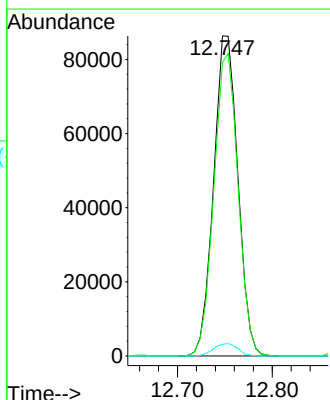
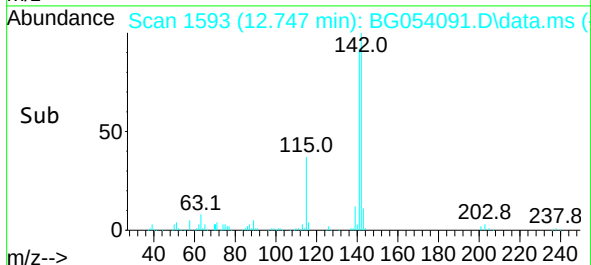
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

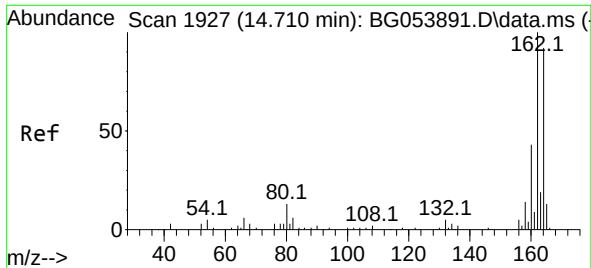


#38
1-Methylnaphthalene
Concen: 41.524 ng
RT: 12.747 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



Tgt Ion:142 Resp: 153391
Ion Ratio Lower Upper
142 100
141 91.7 76.4 114.6
116 3.7 3.3 4.9





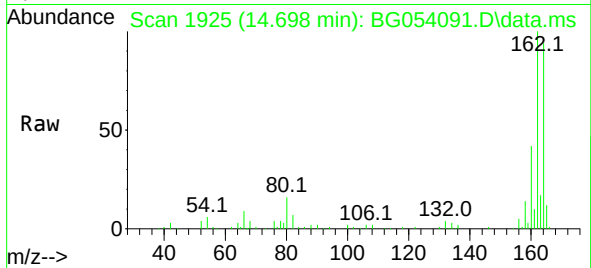
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.698 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

Instrument :

BNA_G

ClientSampleId :

PB145813BSD

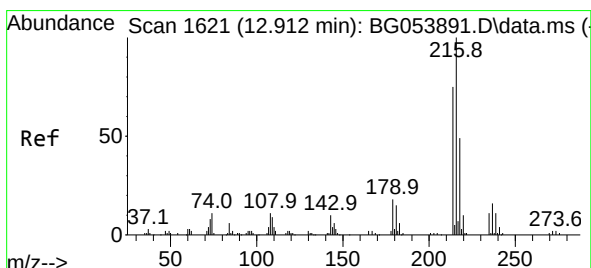
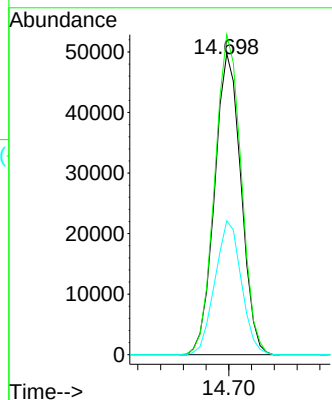
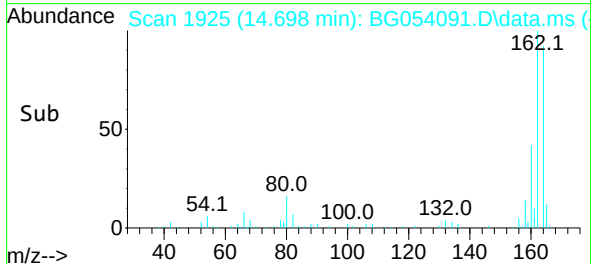


Tgt Ion:164 Resp: 8039
Ion Ratio Lower Upper
164 100
162 106.3 82.3 123.5
160 44.5 34.2 51.2

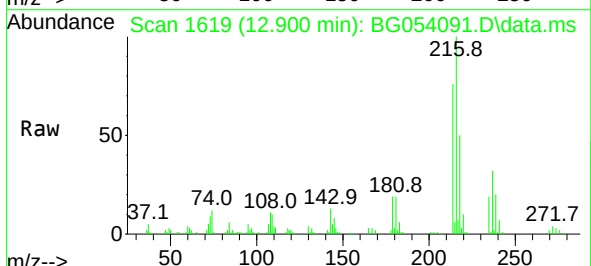
Manual Integrations

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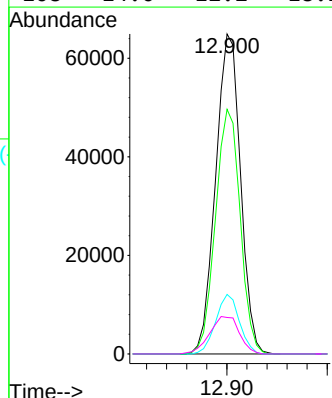
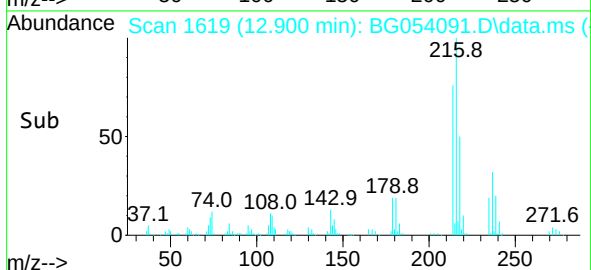
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

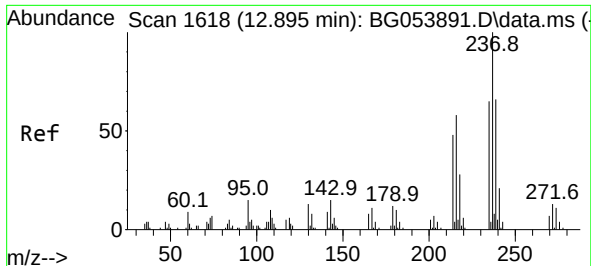


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.024 ng
RT: 12.900 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



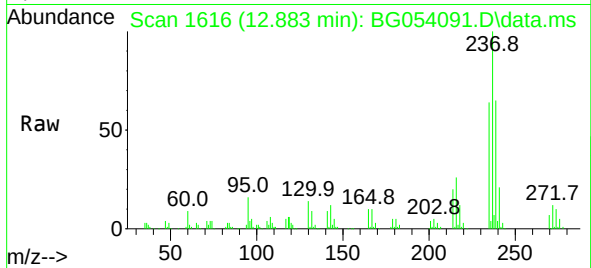
Tgt Ion:216 Resp: 111592
Ion Ratio Lower Upper
216 100
214 75.9 62.9 94.3
179 17.7 16.1 24.1
108 14.0 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 74.125 ng
RT: 12.883 min Scan# 10692
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

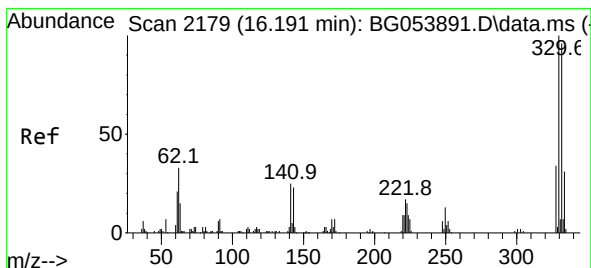
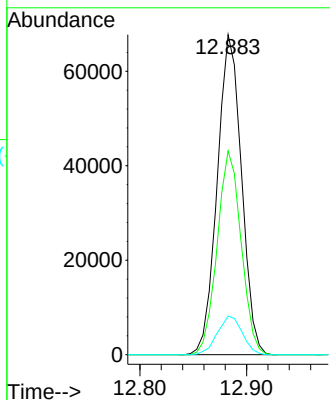
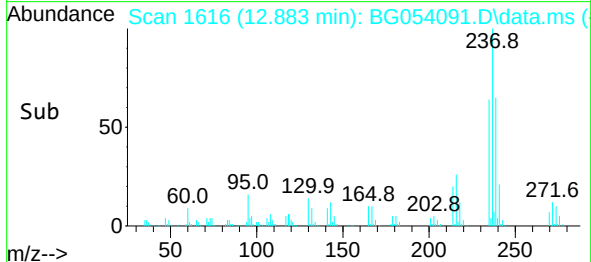
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



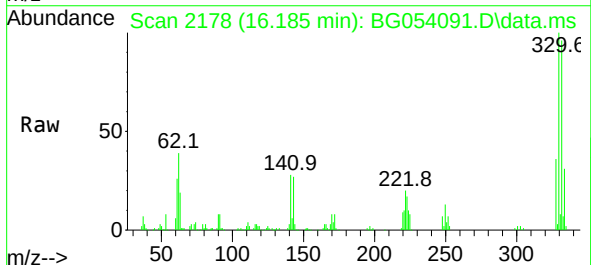
Tgt Ion:237 Resp: 10692
Ion Ratio Lower Upper
237 100
235 63.7 43.5 83.5
272 12.0 0.0 30.1

Manual Integrations
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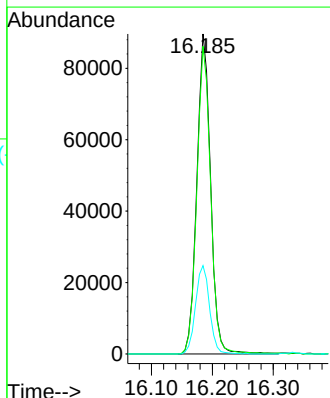
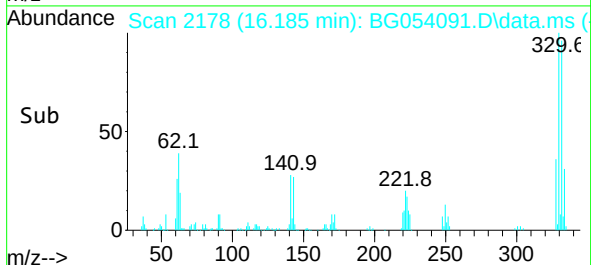
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

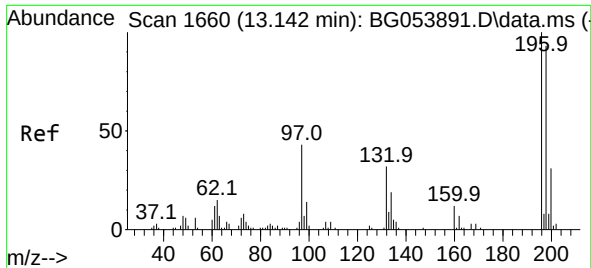


#42
2,4,6-Tribromophenol
Concen: 108.860 ng
RT: 16.185 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



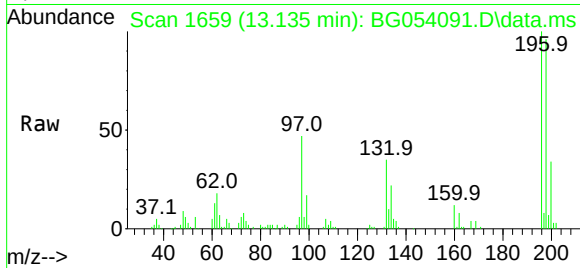
Tgt Ion:330 Resp: 140610
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 28.1 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 42.280 ng
RT: 13.135 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

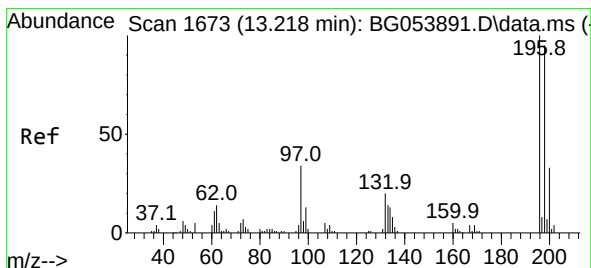
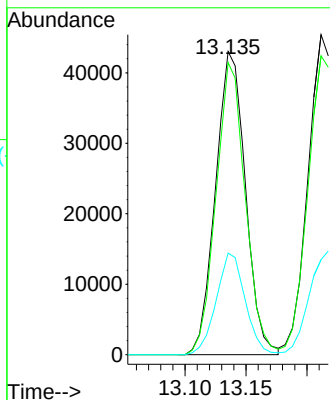
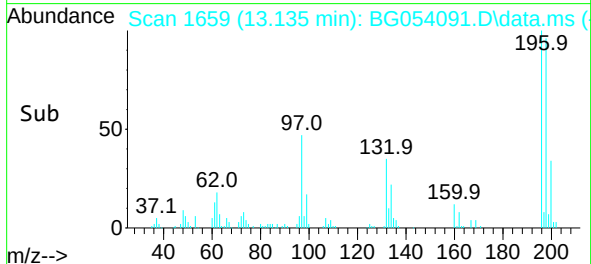
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



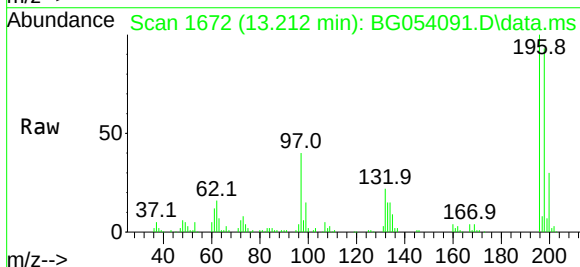
Tgt Ion:196 Resp: 73570
Ion Ratio Lower Upper
196 100
198 96.4 74.1 111.1
200 33.5 24.7 37.1

Manual Integrations
APPROVED

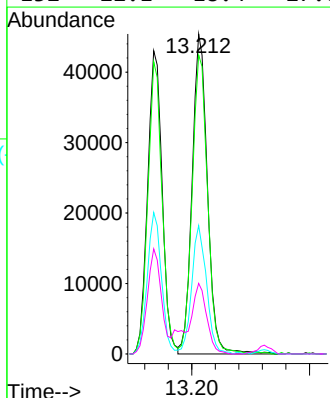
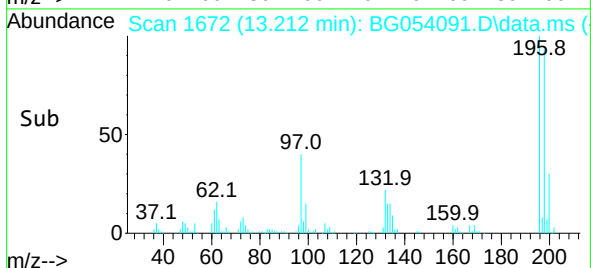
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

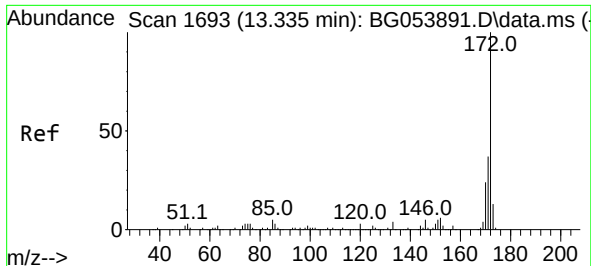


#44
2,4,5-Trichlorophenol
Concen: 42.178 ng
RT: 13.212 min Scan# 1672
Delta R.T. 0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



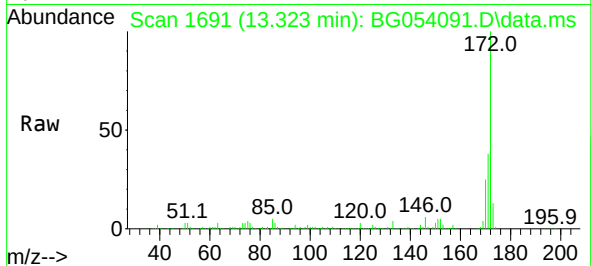
Tgt Ion:196 Resp: 81947
Ion Ratio Lower Upper
196 100
198 93.4 76.8 115.2
97 40.1 39.8 59.6
132 22.1 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 76.056 ng
RT: 13.323 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

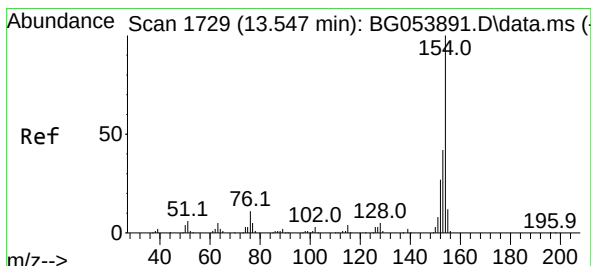
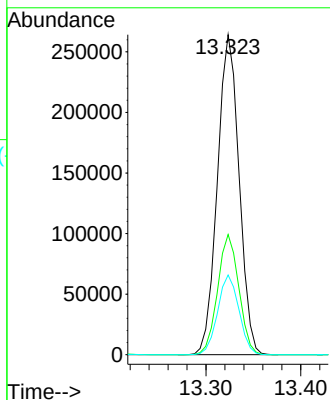
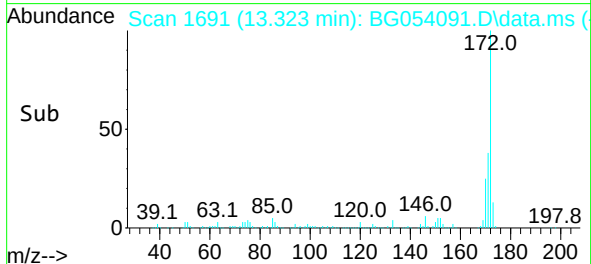
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



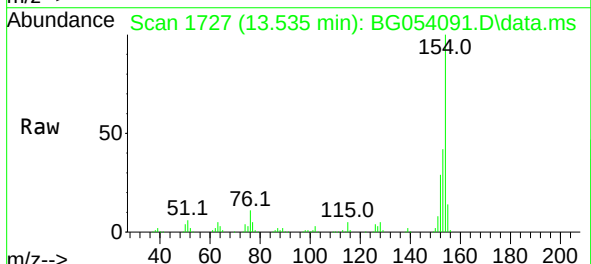
Tgt Ion:172 Resp: 42048
Ion Ratio Lower Upper
172 100
171 37.6 28.5 42.7
170 24.9 18.9 28.3

Manual Integrations
APPROVED

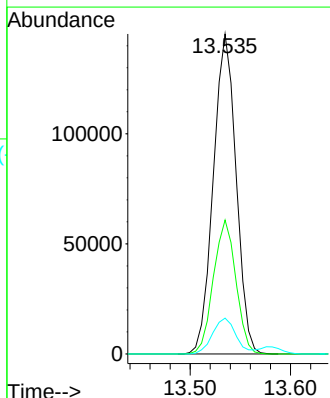
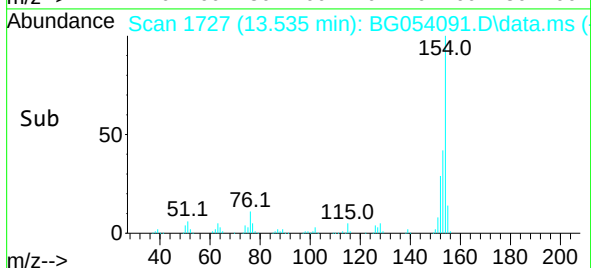
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

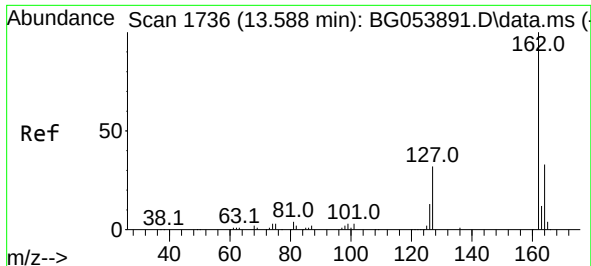


#46
1,1'-Biphenyl
Concen: 40.828 ng
RT: 13.535 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



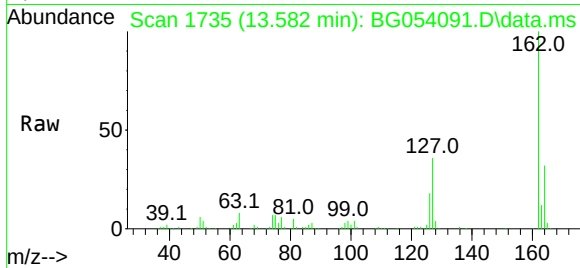
Tgt Ion:154 Resp: 228633
Ion Ratio Lower Upper
154 100
153 41.8 21.6 61.6
76 11.2 0.0 32.6





#47
2-Chloronaphthalene
Concen: 39.694 ng
RT: 13.582 min Scan# 1735
Delta R.T. 0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

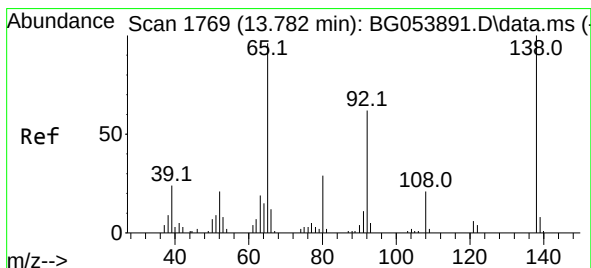
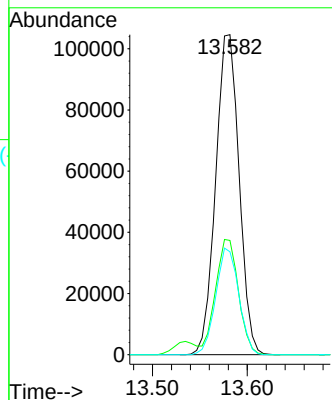
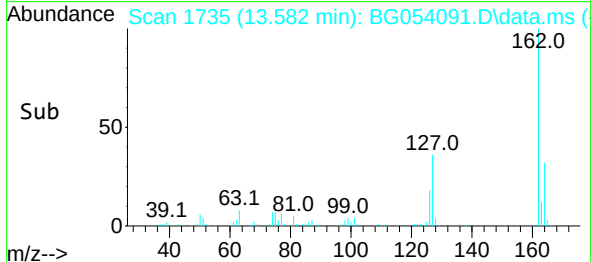
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



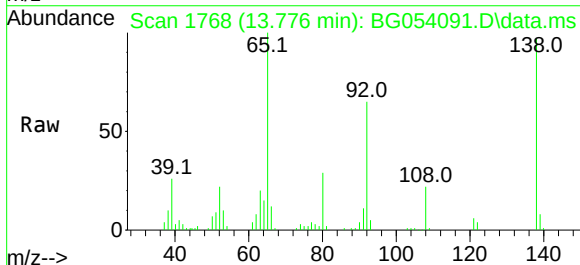
Tgt Ion:162 Resp: 179890
Ion Ratio Lower Upper
162 100
127 35.7 30.6 45.8
164 32.2 26.5 39.7

Manual Integrations
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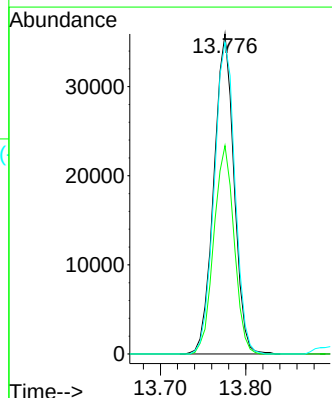
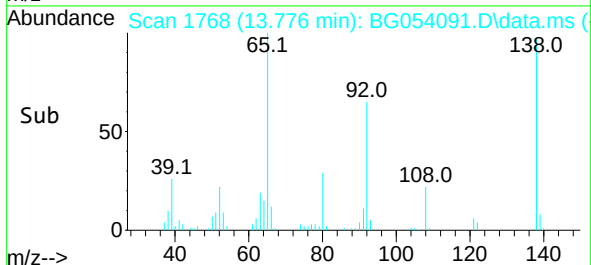
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

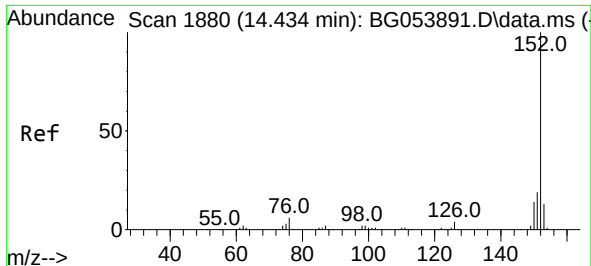


#48
2-Nitroaniline
Concen: 48.917 ng
RT: 13.776 min Scan# 1768
Delta R.T. 0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



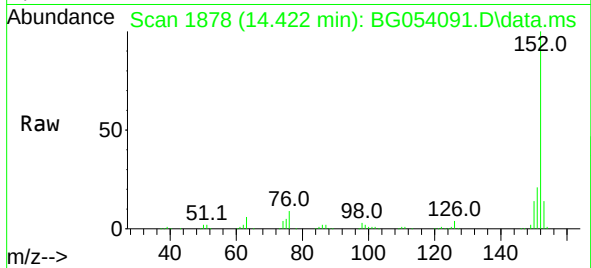
Tgt Ion: 65 Resp: 58971
Ion Ratio Lower Upper
65 100
92 65.1 51.5 77.3
138 97.4 71.3 106.9





#49
Acenaphthylene
Concen: 43.199 ng
RT: 14.422 min Scan# 1878
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

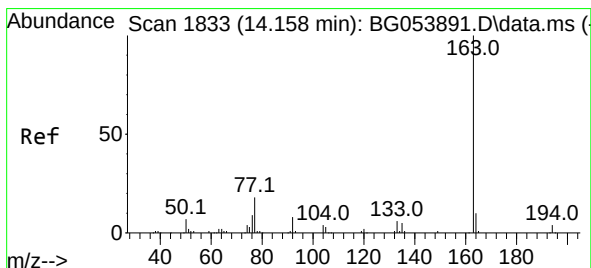
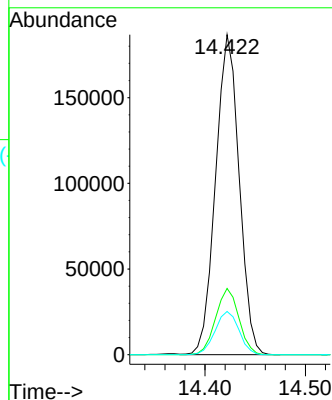
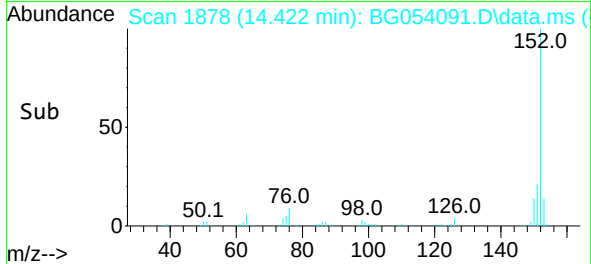
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



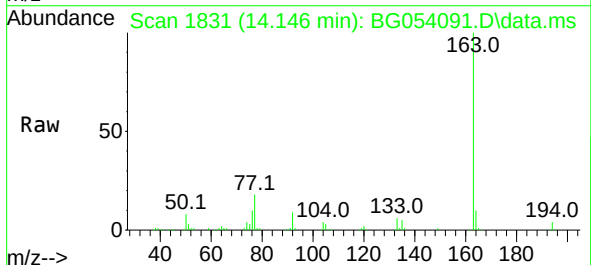
Tgt Ion:152 Resp: 30442
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.5 10.8 16.2

Manual Integrations
APPROVED

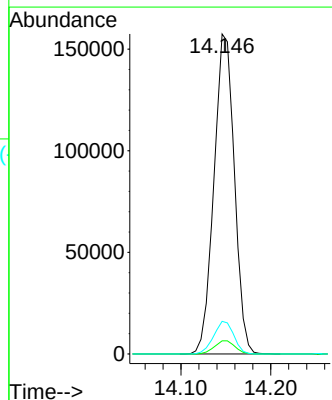
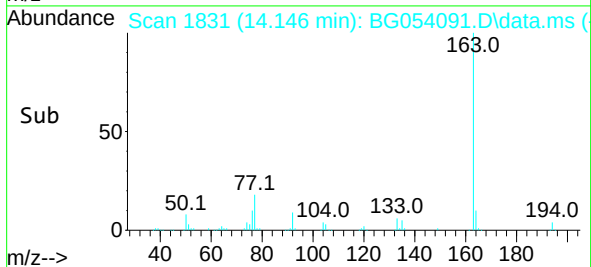
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

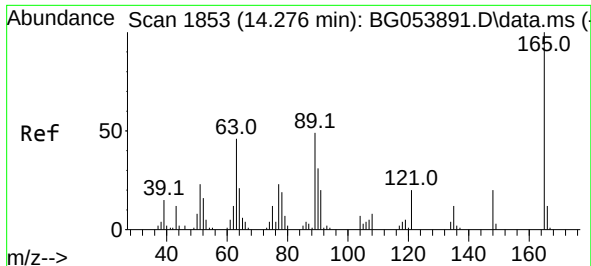


#50
Dimethylphthalate
Concen: 40.651 ng
RT: 14.146 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



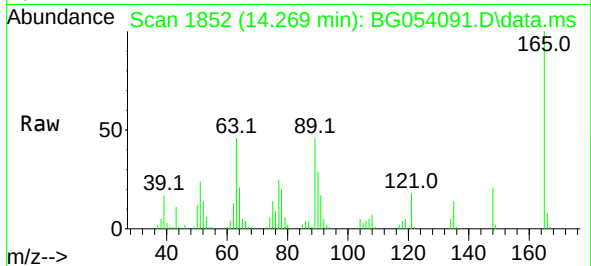
Tgt Ion:163 Resp: 248889
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 44.592 ng
RT: 14.269 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

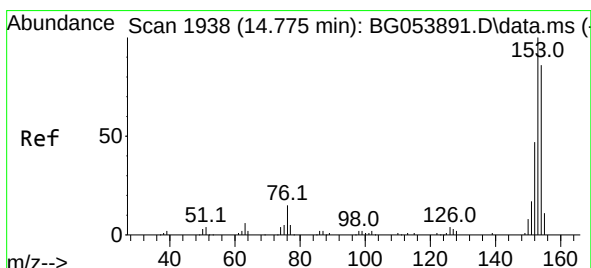
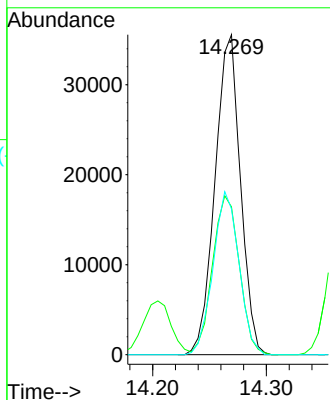
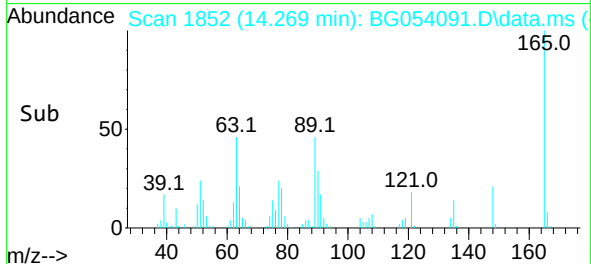
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



Tgt Ion:165 Resp: 5516
Ion Ratio Lower Upper
165 100
63 46.2 54.1 81.1
89 45.6 54.8 82.2

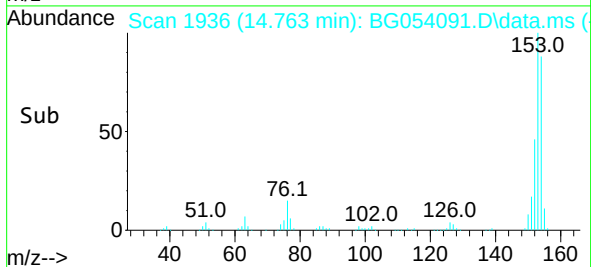
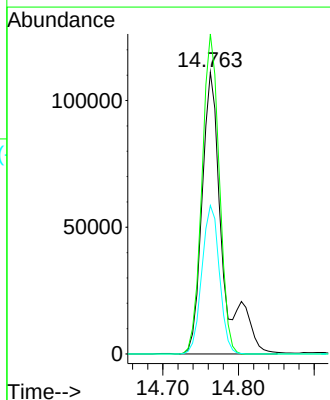
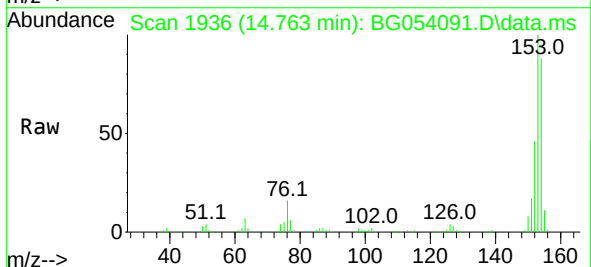
Manual Integrations
APPROVED

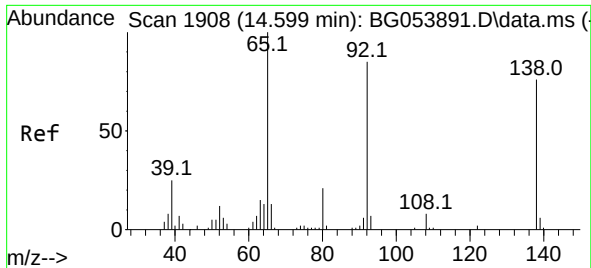
Reviewed By :Christian Giraldo 06/28/2022
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#52
Acenaphthene
Concen: 46.175 ng m
RT: 14.763 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

Tgt Ion:154 Resp: 207417
Ion Ratio Lower Upper
154 100
153 113.6 92.7 139.1
152 52.7 42.6 64.0





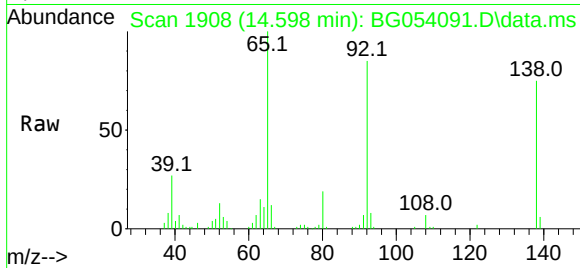
#53
3-Nitroaniline
Concen: 34.117 ng
RT: 14.598 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

Instrument :

BNA_G

ClientSampleId :

PB145813BSD

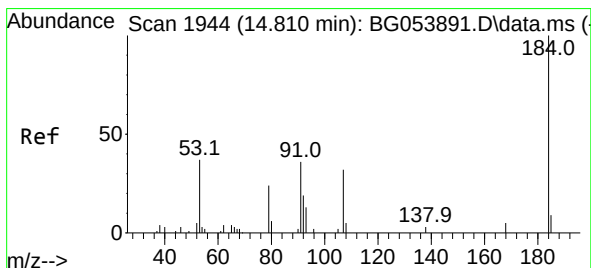
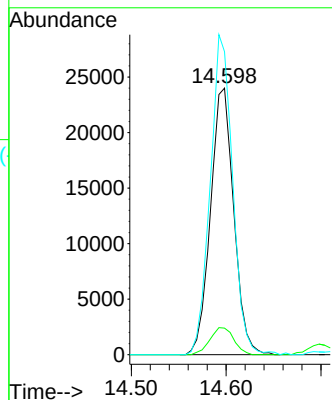
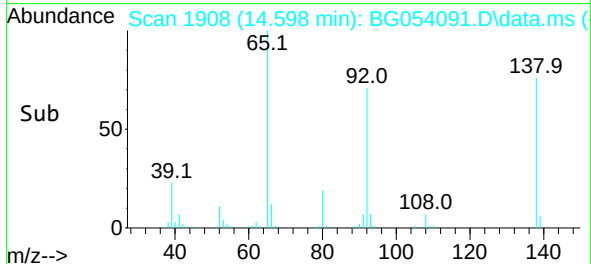


Tgt Ion:138 Resp: 4088
Ion Ratio Lower Upper
138 100
108 10.0 9.2 13.8
92 113.7 101.9 152.9

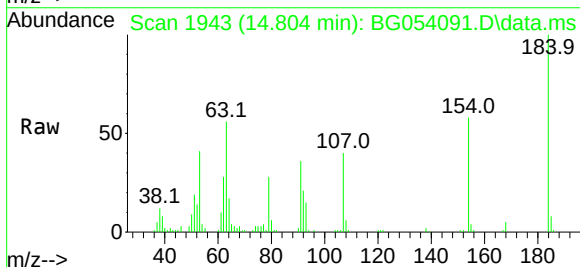
Manual Integrations

APPROVED

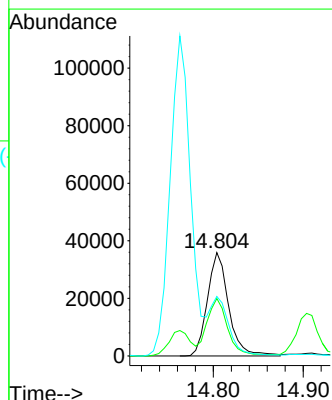
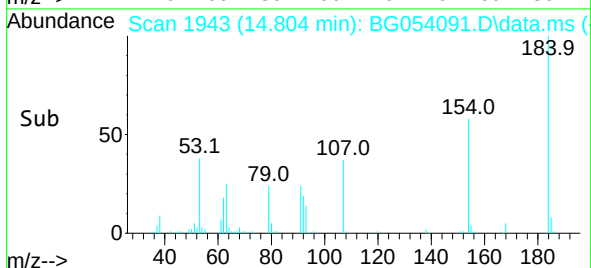
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

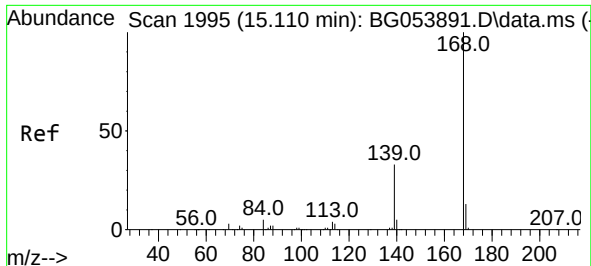


#54
2,4-Dinitrophenol
Concen: 85.777 ng
RT: 14.804 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



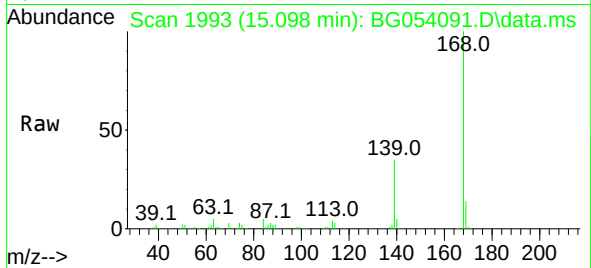
Tgt Ion:184 Resp: 58930
Ion Ratio Lower Upper
184 100
63 55.5 61.1 91.7#
154 57.6 60.6 91.0#





#55
Dibenzofuran
Concen: 41.158 ng
RT: 15.098 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

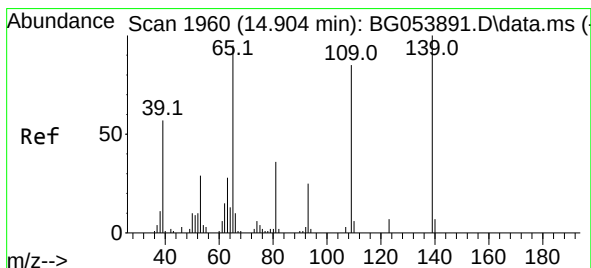
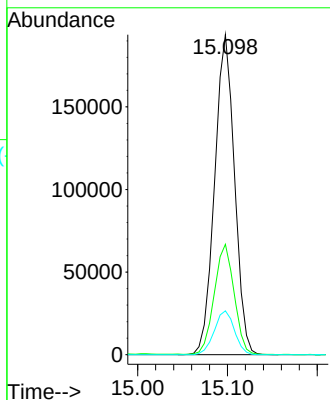
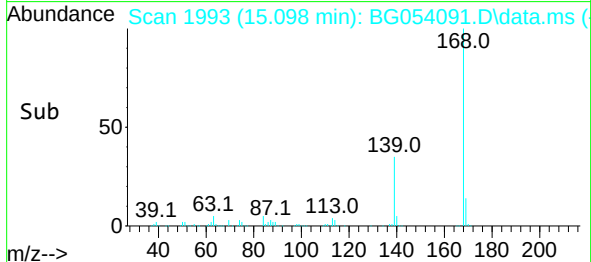
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



Tgt Ion:168 Resp: 297879
Ion Ratio Lower Upper
168 100
139 34.5 30.5 45.7
169 13.7 10.3 15.5

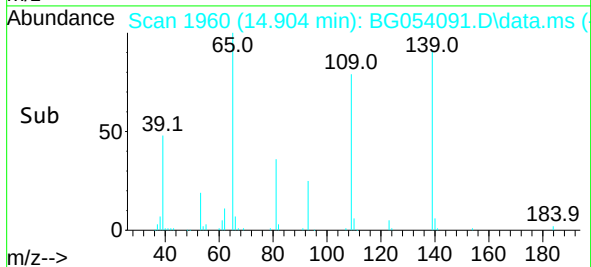
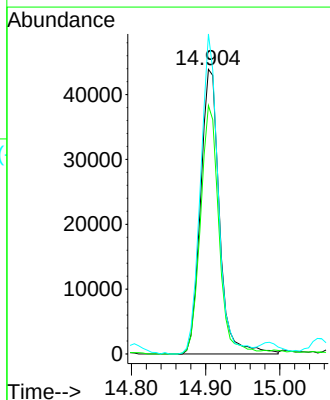
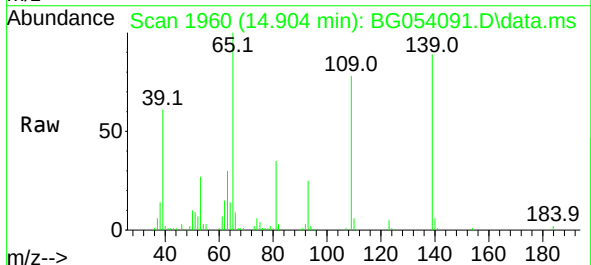
Manual Integrations
APPROVED

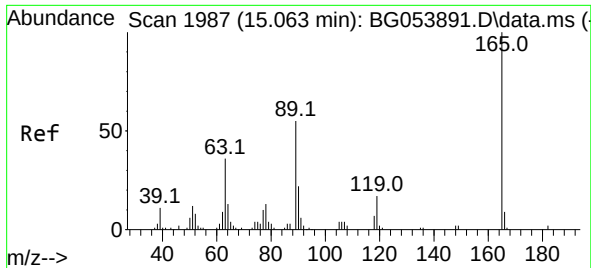
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#56
4-Nitrophenol
Concen: 91.318 ng
RT: 14.904 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

Tgt Ion:139 Resp: 77698
Ion Ratio Lower Upper
139 100
109 87.3 88.5 128.5#
65 112.4 93.9 133.9





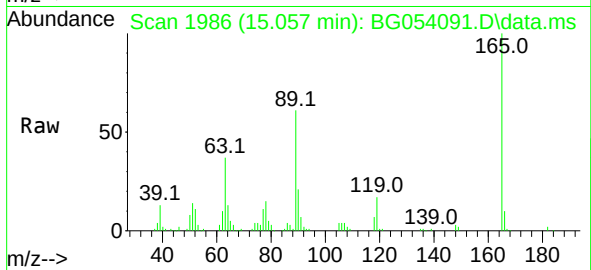
#57
2,4-Dinitrotoluene
Concen: 45.682 ng
RT: 15.057 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

Instrument :

BNA_G

ClientSampleId :

PB145813BSD

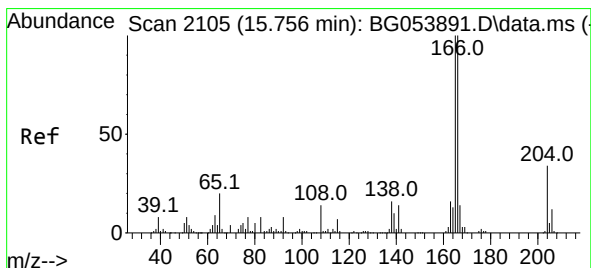
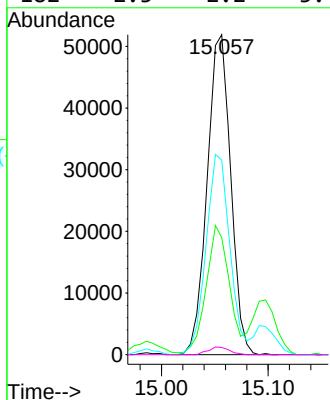
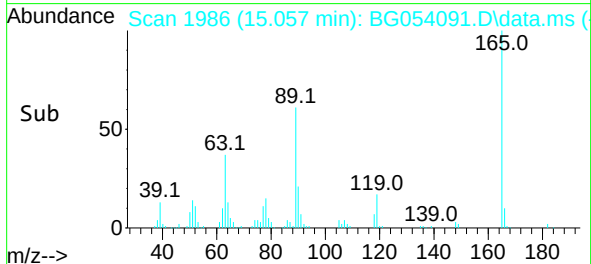


Tgt Ion:165 Resp: 79808
Ion Ratio Lower Upper
165 100
63 36.6 34.6 52.0
89 60.8 60.3 90.5
182 2.3 2.2 3.4

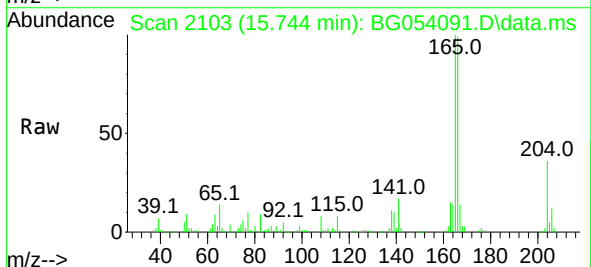
Manual Integrations

APPROVED

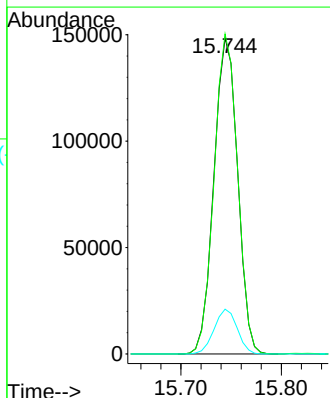
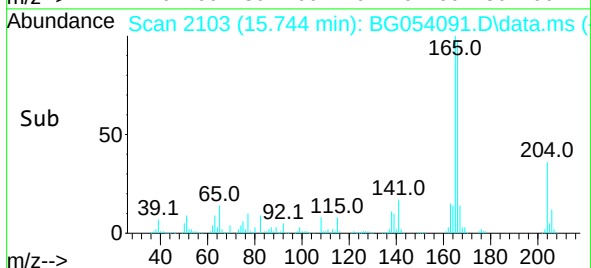
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

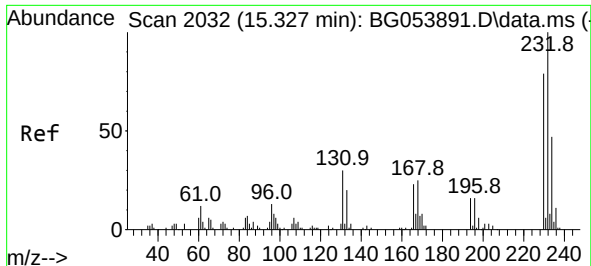


#58
Fluorene
Concen: 40.933 ng
RT: 15.744 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



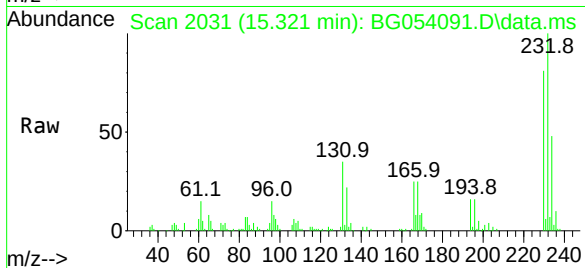
Tgt Ion:166 Resp: 243236
Ion Ratio Lower Upper
166 100
165 101.3 75.0 112.6
167 14.2 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.326 ng
RT: 15.321 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

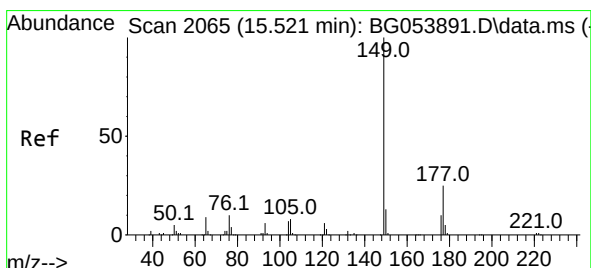
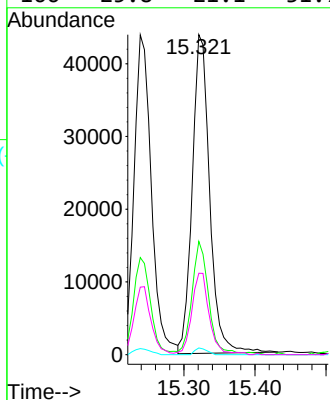
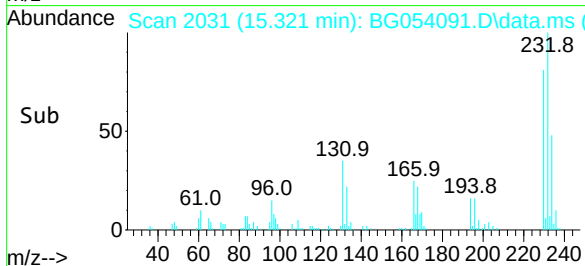
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



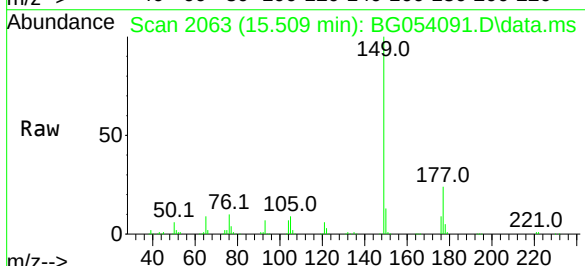
Tgt Ion:232 Resp: 74720
Ion Ratio Lower Upper
232 100
131 34.8 30.6 46.0
130 1.4 1.8 2.8
166 25.8 21.1 31.7

Manual Integrations
APPROVED

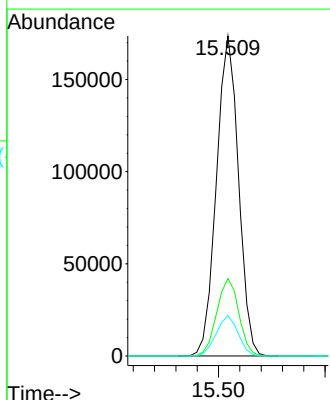
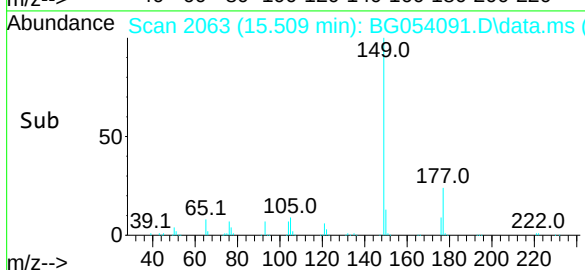
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

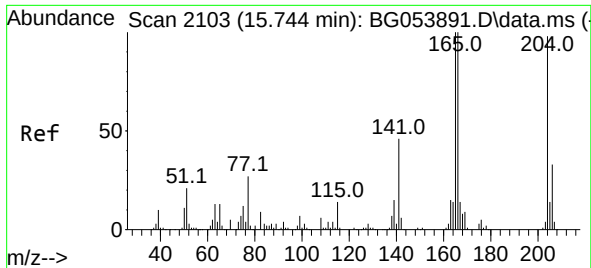


#60
Diethylphthalate
Concen: 41.978 ng
RT: 15.509 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



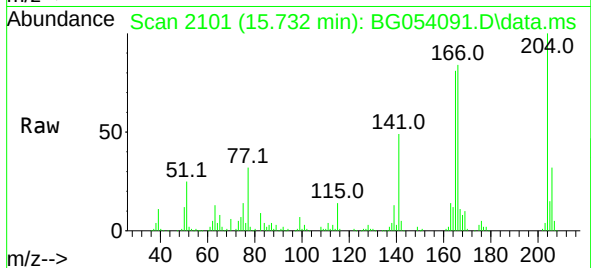
Tgt Ion:149 Resp: 248900
Ion Ratio Lower Upper
149 100
177 24.2 18.4 27.6
150 12.6 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 39.595 ng
RT: 15.732 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

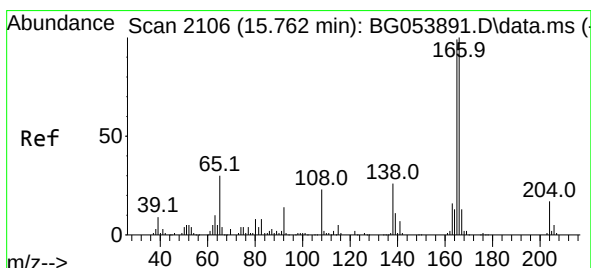
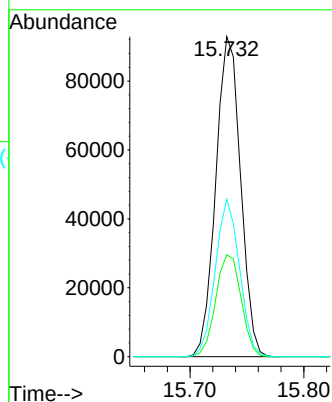
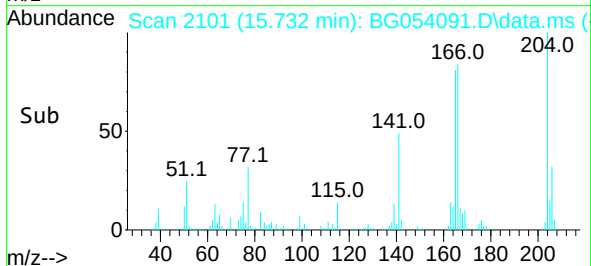
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



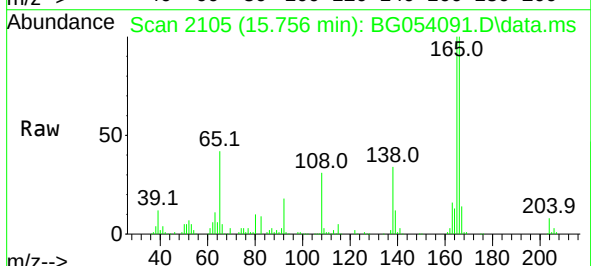
Tgt Ion:204 Resp: 140859
Ion Ratio Lower Upper
204 100
206 31.8 27.5 41.3
141 49.2 45.3 67.9

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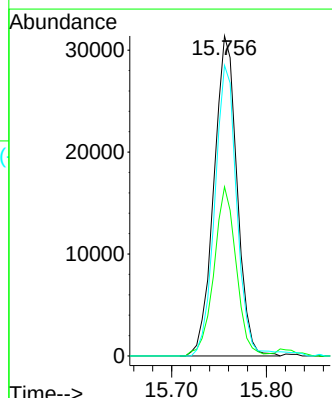
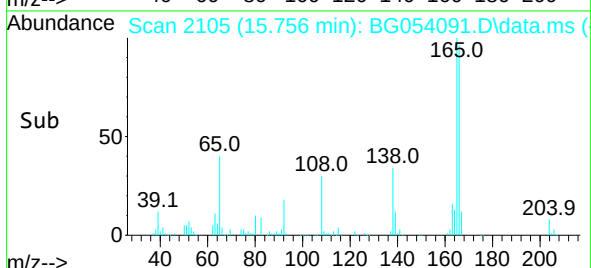
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

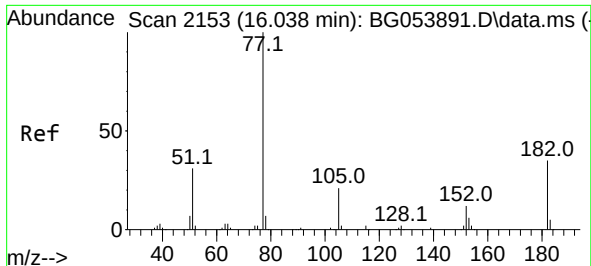


#62
4-Nitroaniline
Concen: 42.502 ng
RT: 15.756 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



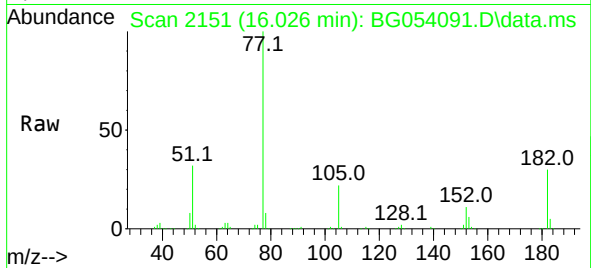
Tgt Ion:138 Resp: 53119
Ion Ratio Lower Upper
138 100
92 52.9 40.5 80.5
108 90.8 103.7 143.7#





#63
Azobenzene
Concen: 44.181 ng
RT: 16.026 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

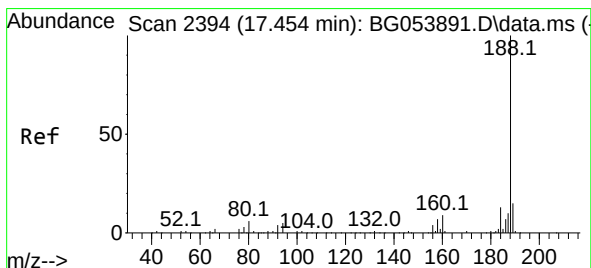
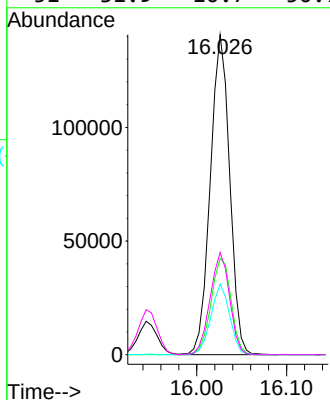
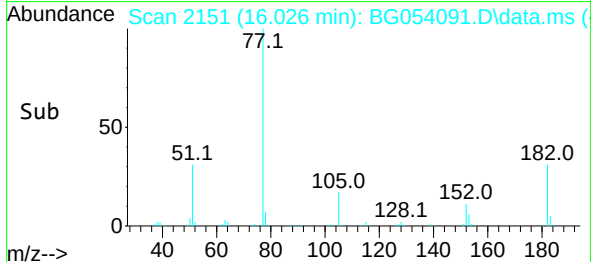
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



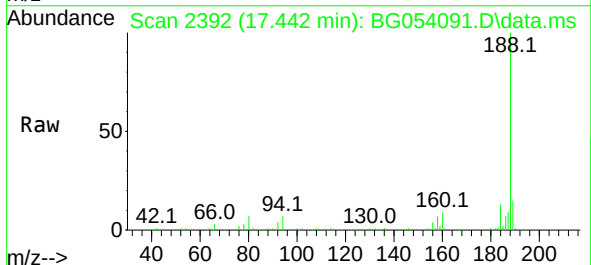
Tgt Ion: 77 Resp: 21086
Ion Ratio Lower Upper
77 100
182 30.1 3.8 43.8
105 22.1 0.0 37.8
51 31.9 10.7 50.7

Manual Integrations
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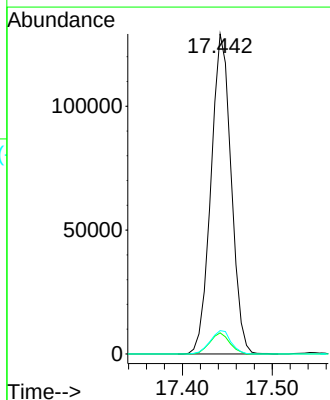
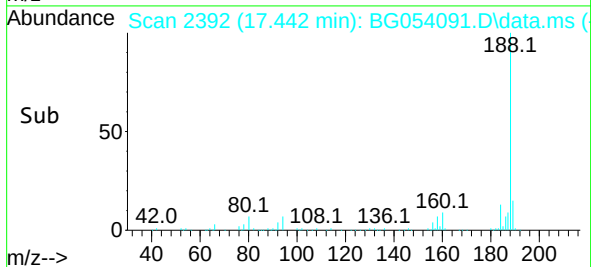
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

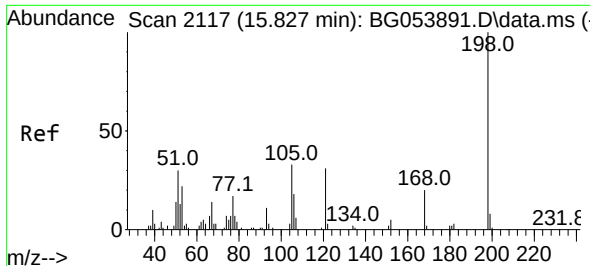


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.442 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



Tgt Ion:188 Resp: 201646
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 7.3 6.8 10.2





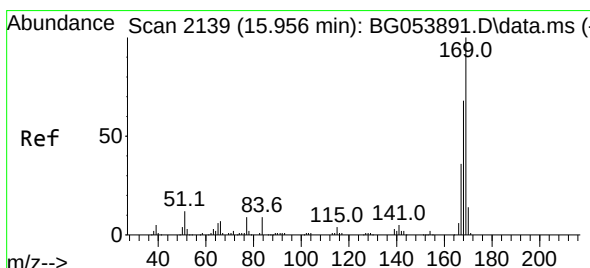
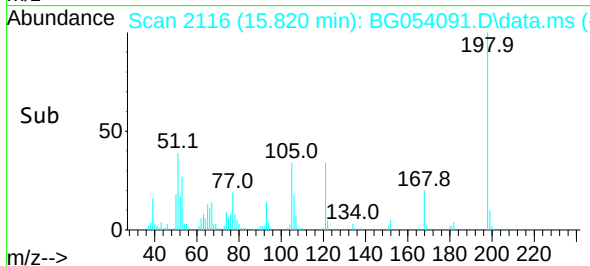
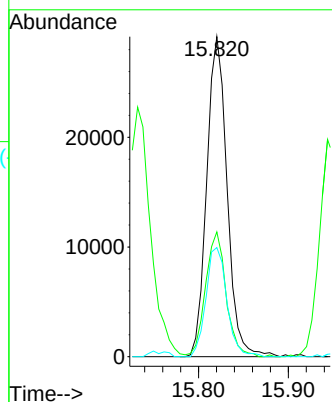
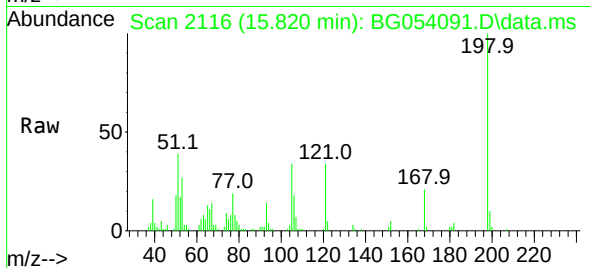
#65
4,6-Dinitro-2-methylphenol
Concen: 45.644 ng
RT: 15.820 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

Instrument :
BNA_G
ClientSampleId :
PB145813BSD

Tgt Ion:198 Resp: 45919
Ion Ratio Lower Upper
198 100
51 39.0 28.1 68.1
105 34.1 20.3 60.3

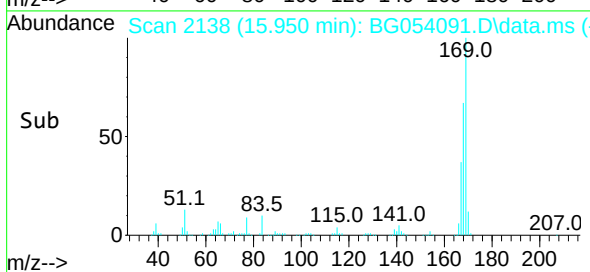
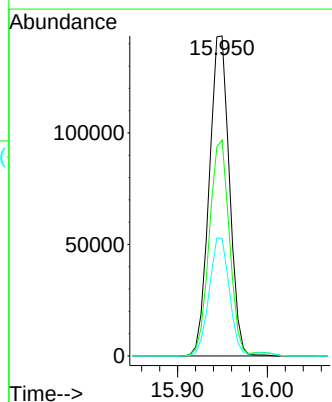
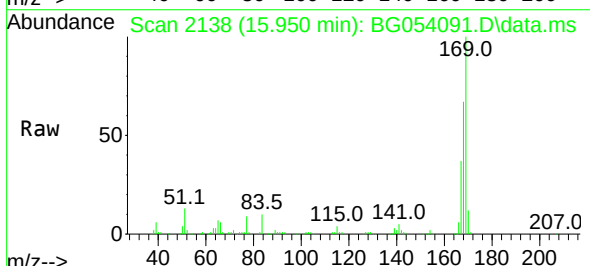
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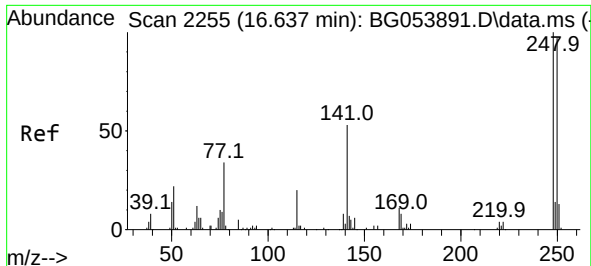
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#66
n-Nitrosodiphenylamine
Concen: 42.492 ng
RT: 15.950 min Scan# 2138
Delta R.T. 0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

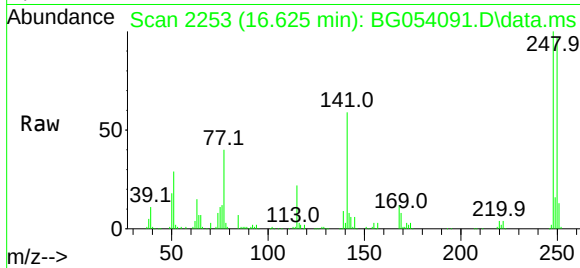
Tgt Ion:169 Resp: 223308
Ion Ratio Lower Upper
169 100
168 67.5 55.9 83.9
167 36.8 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 39.138 ng
RT: 16.625 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

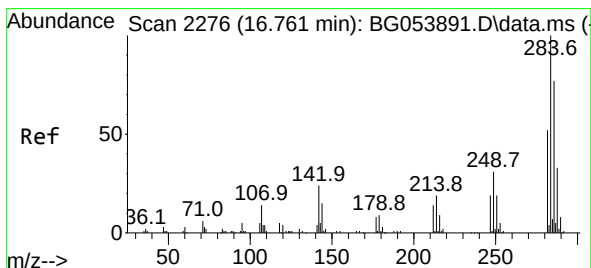
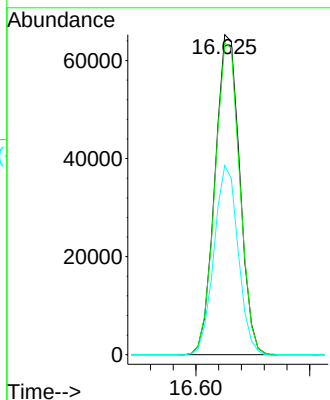
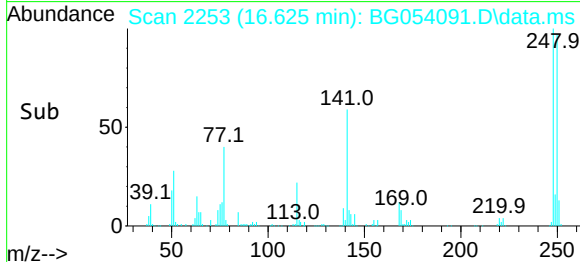
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



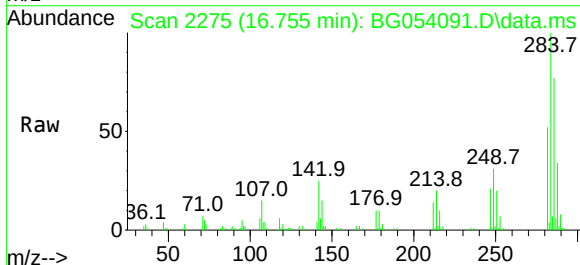
Tgt Ion:248 Resp: 9856
Ion Ratio Lower Upper
248 100
250 97.4 75.2 112.8
141 59.1 50.0 75.0

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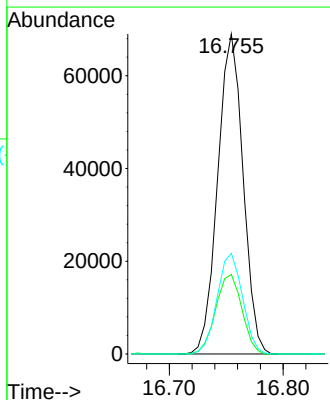
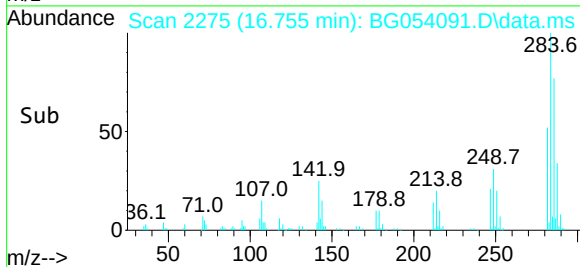
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

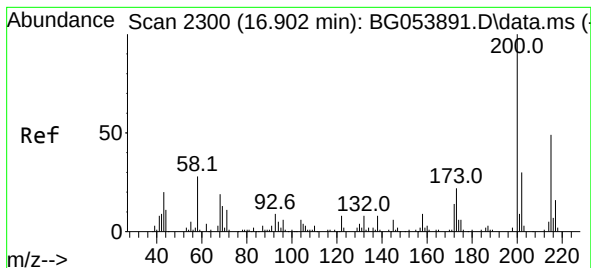


#68
Hexachlorobenzene
Concen: 37.104 ng
RT: 16.755 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



Tgt Ion:284 Resp: 106890
Ion Ratio Lower Upper
284 100
142 24.9 23.6 35.4
249 33.7 25.8 38.6





#69

Atrazine

Concen: 43.349 ng

RT: 16.890 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG054091.D

Acq: 27 Jun 2022 13:38

Instrument :

BNA_G

ClientSampleId :

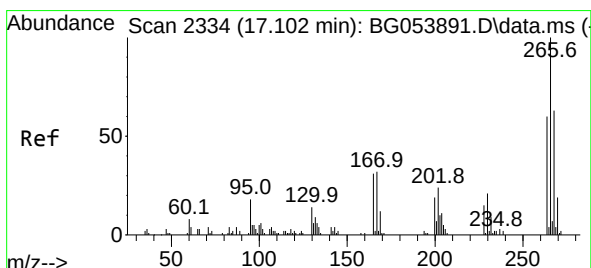
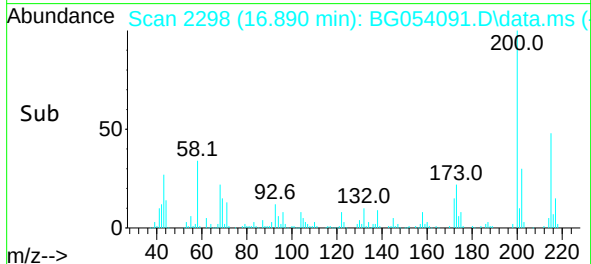
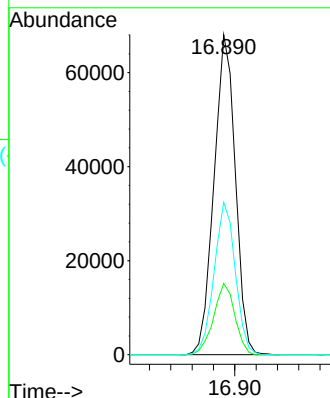
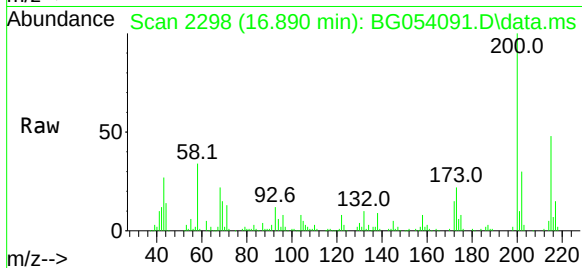
PB145813BSD

Tgt Ion:200 Resp: 9437
 Ion Ratio Lower Upper
 200 100
 173 22.3 3.7 43.7
 215 47.6 25.2 65.2

Manual Integrations

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Reviewed By :Christian Giraldo 06/28/2022
 Supervised By :Jagrut Upadhyay 06/28/2022



#70

Pentachlorophenol

Concen: 81.987 ng

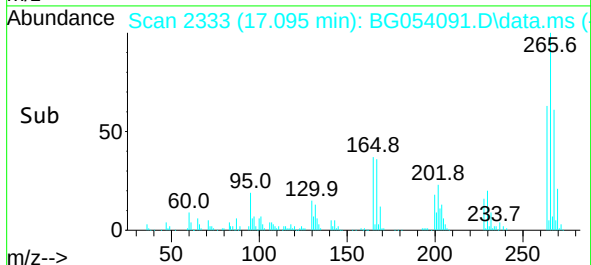
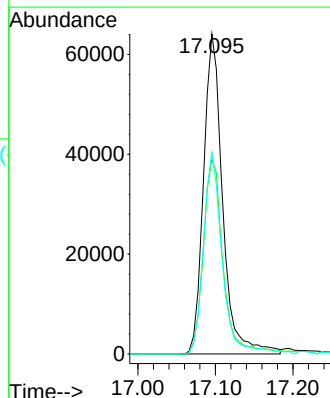
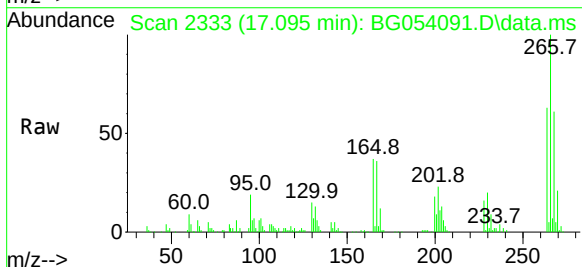
RT: 17.095 min Scan# 2333

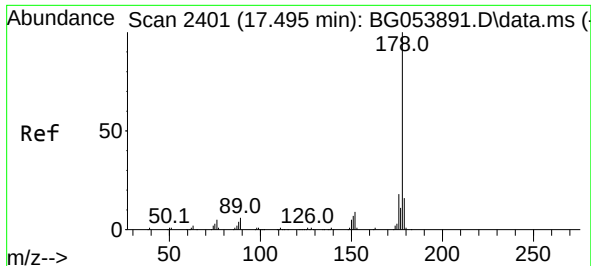
Delta R.T. 0.000 min

Lab File: BG054091.D

Acq: 27 Jun 2022 13:38

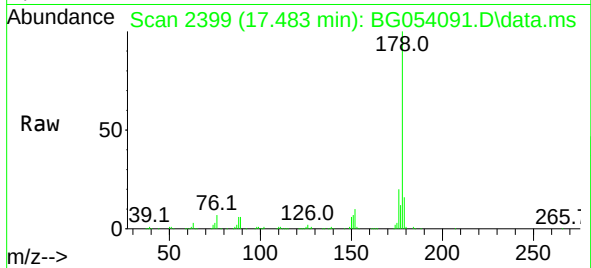
Tgt Ion:266 Resp: 109715
 Ion Ratio Lower Upper
 266 100
 268 65.6 56.2 84.2
 264 63.1 53.0 79.4





#71
Phenanthrene
Concen: 40.261 ng
RT: 17.483 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

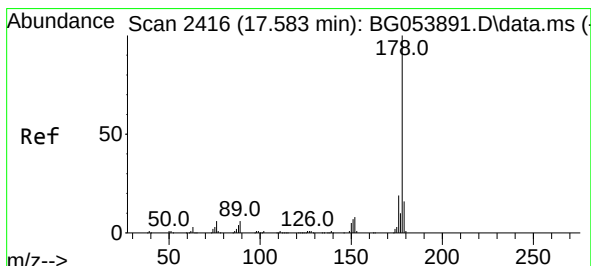
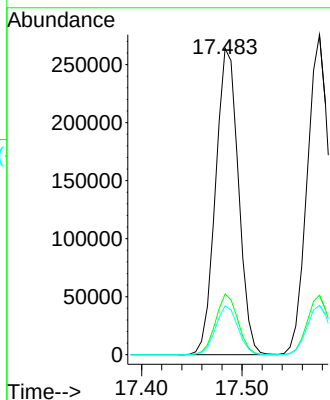
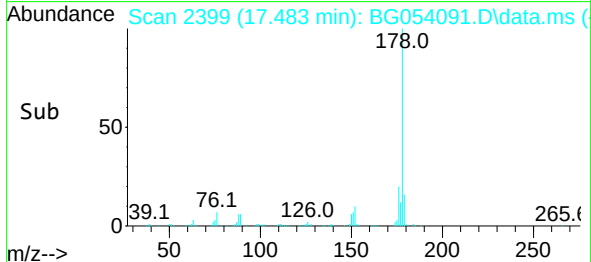
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



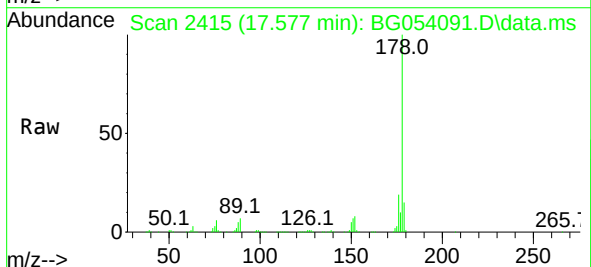
Tgt Ion:178 Resp: 41710
Ion Ratio Lower Upper
178 100
176 19.8 14.1 21.1
179 15.9 12.1 18.1

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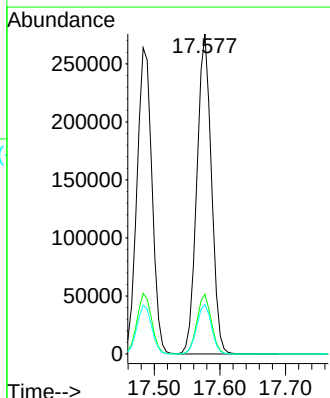
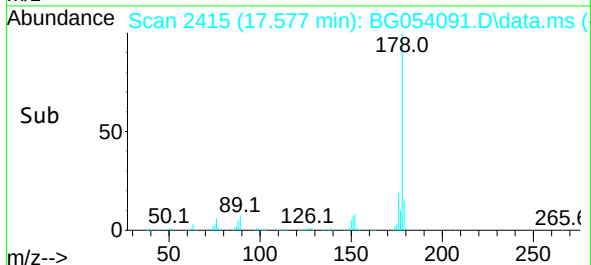
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

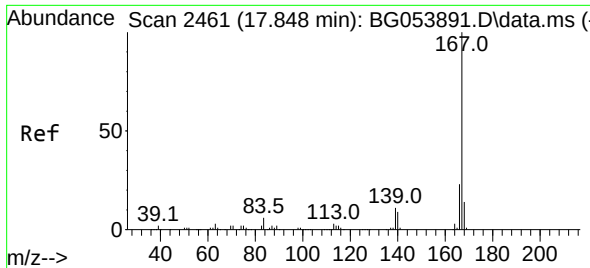


#72
Anthracene
Concen: 42.135 ng
RT: 17.577 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



Tgt Ion:178 Resp: 426266
Ion Ratio Lower Upper
178 100
176 18.6 15.2 22.8
179 15.5 13.0 19.4





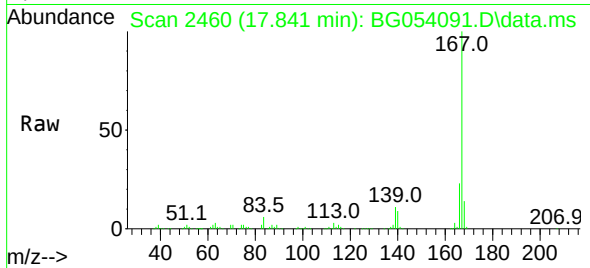
#73
 Carbazole
 Concen: 43.025 ng
 RT: 17.841 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BG054091.D
 Acq: 27 Jun 2022 13:38

Instrument :

BNA_G

ClientSampleId :

PB145813BSD

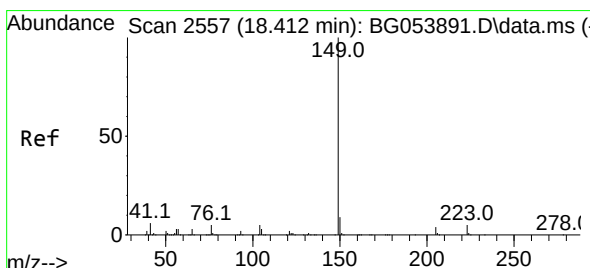
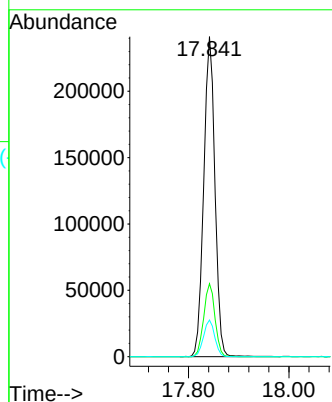
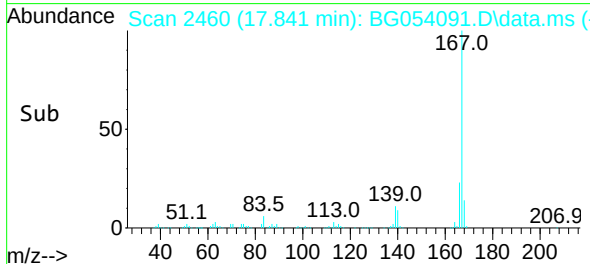


Tgt Ion:167 Resp: 37361
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 11.4 10.1 15.1

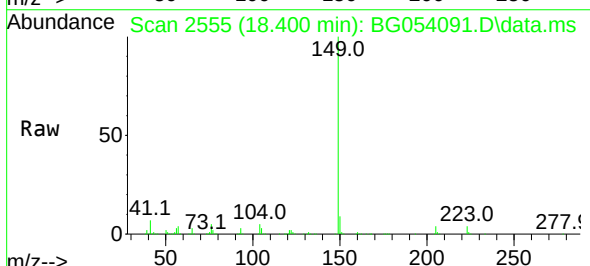
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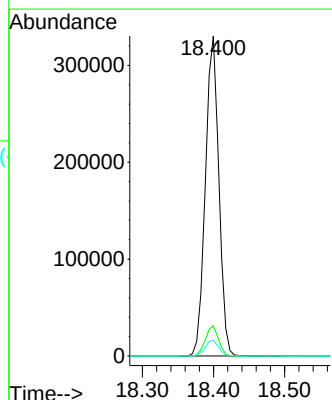
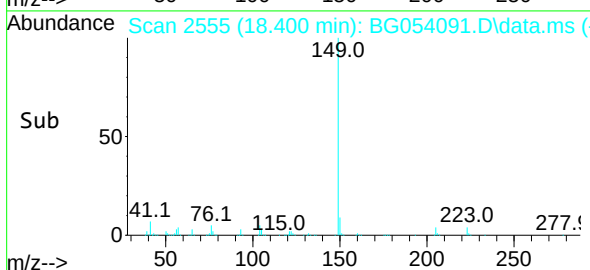
Reviewed By :Christian Giraldo 06/28/2022
 Supervised By :Jagrut Upadhyay 06/28/2022

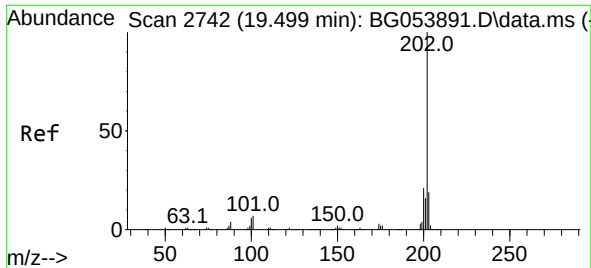


#74
 Di-n-butylphthalate
 Concen: 43.454 ng
 RT: 18.400 min Scan# 2555
 Delta R.T. 0.000 min
 Lab File: BG054091.D
 Acq: 27 Jun 2022 13:38



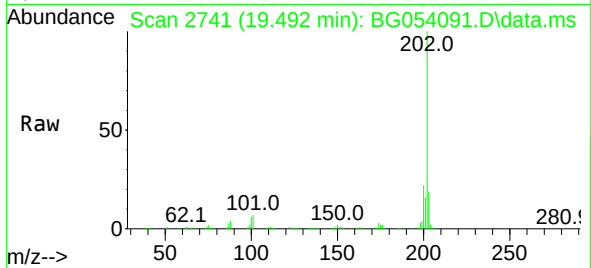
Tgt Ion:149 Resp: 436290
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.9 5.4 8.0#





#75
Fluoranthene
Concen: 38.509 ng
RT: 19.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

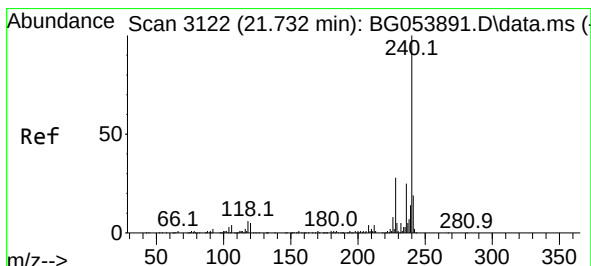
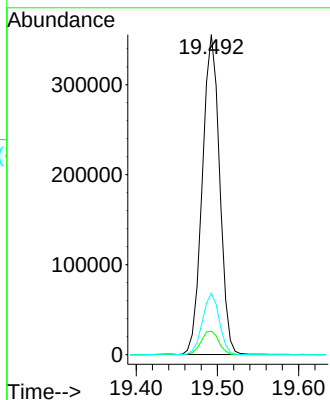
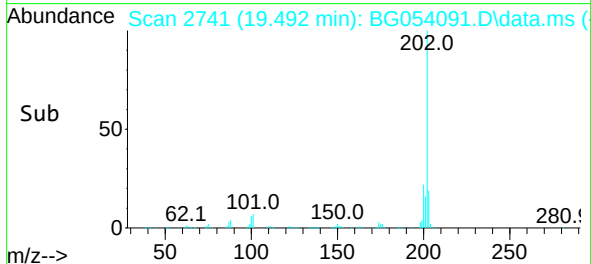
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



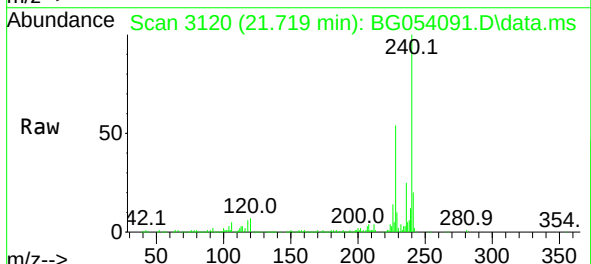
Tgt Ion:202 Resp: 523710
Ion Ratio Lower Upper
202 100
101 7.4 0.0 26.9
203 19.2 0.0 37.2

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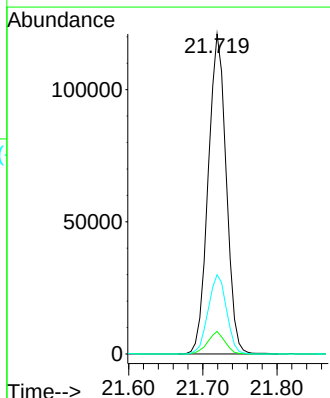
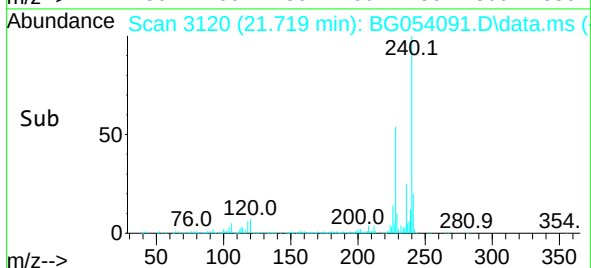
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

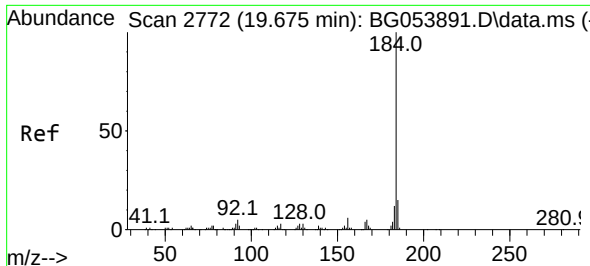


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.719 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



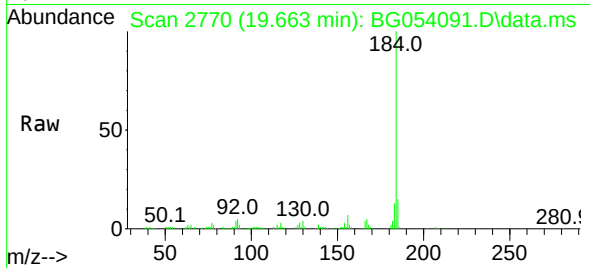
Tgt Ion:240 Resp: 204554
Ion Ratio Lower Upper
240 100
120 7.1 4.6 7.0#
236 24.7 20.2 30.4





#77
Benzidine
Concen: 40.426 ng
RT: 19.663 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

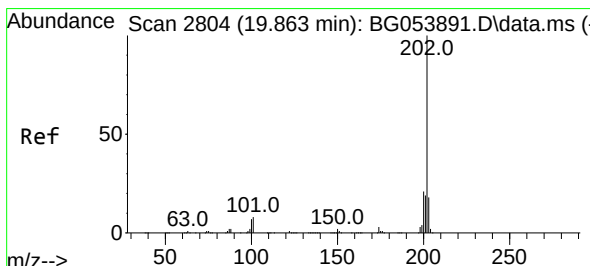
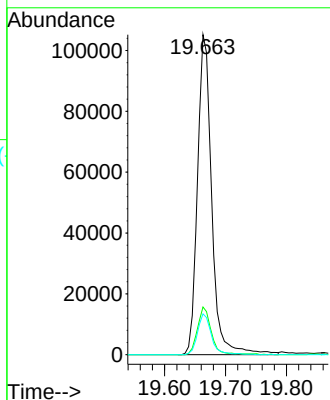
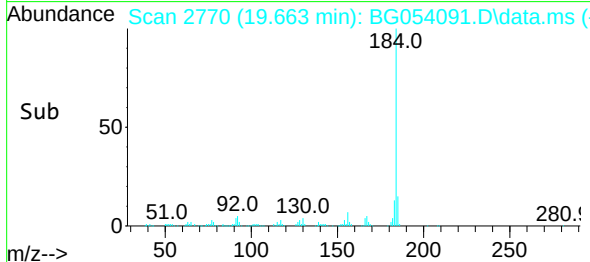
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



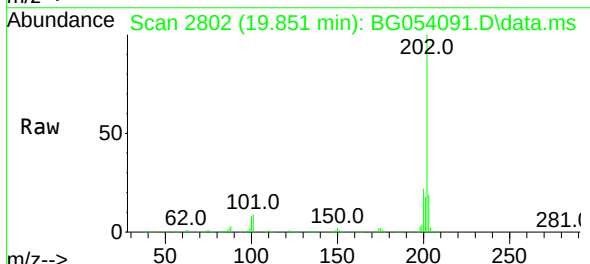
Tgt Ion:184 Resp: 171250
Ion Ratio Lower Upper
184 100
185 14.9 11.8 17.6
183 12.7 8.9 13.3

Manual Integrations
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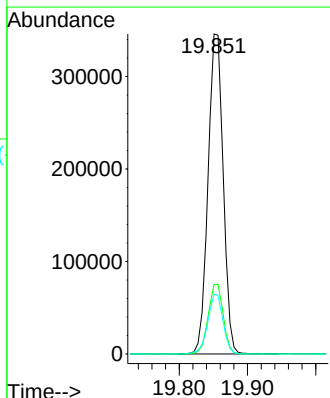
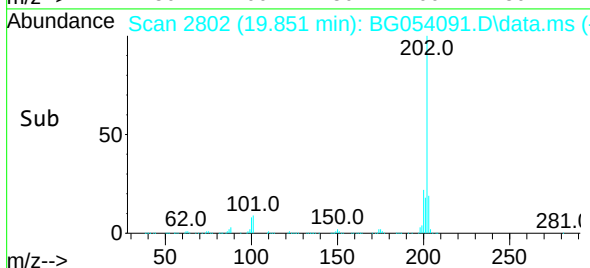
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

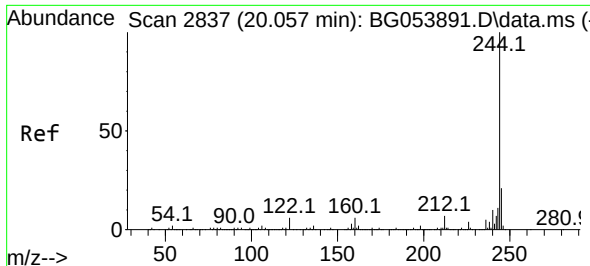


#78
Pyrene
Concen: 43.362 ng
RT: 19.851 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



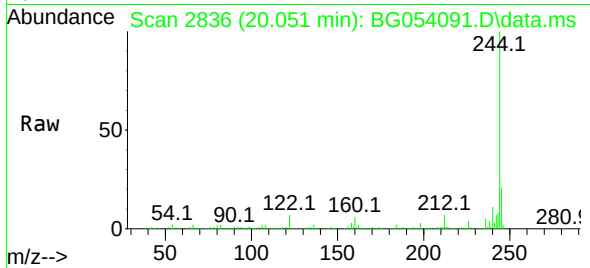
Tgt Ion:202 Resp: 535724
Ion Ratio Lower Upper
202 100
200 21.7 16.6 24.8
203 18.7 14.6 21.8





#79
 Terphenyl-d14
 Concen: 83.984 ng
 RT: 20.051 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG054091.D
 Acq: 27 Jun 2022 13:38

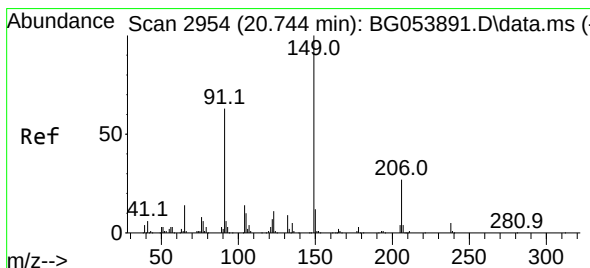
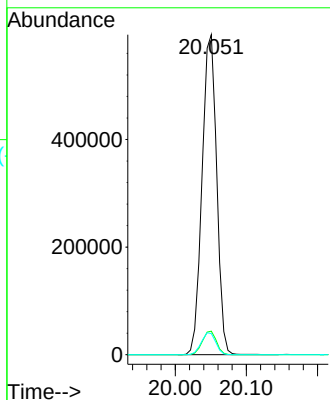
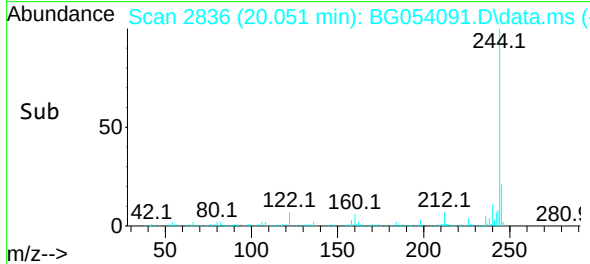
Instrument :
 BNA_G
 ClientSampleId :
 PB145813BSD



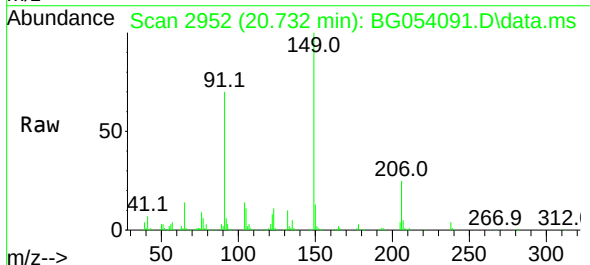
Tgt Ion:244 Resp: 852960
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 6.6 5.0 7.4

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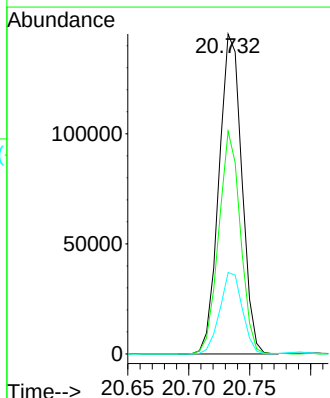
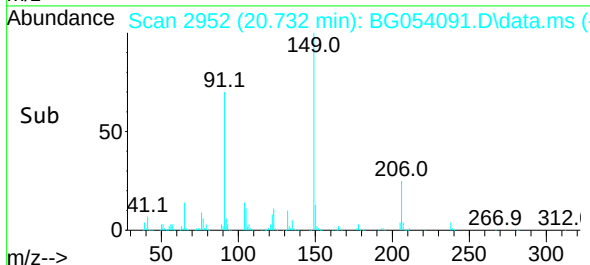
Reviewed By :Christian Giraldo 06/28/2022
 Supervised By :Jagrut Upadhyay 06/28/2022

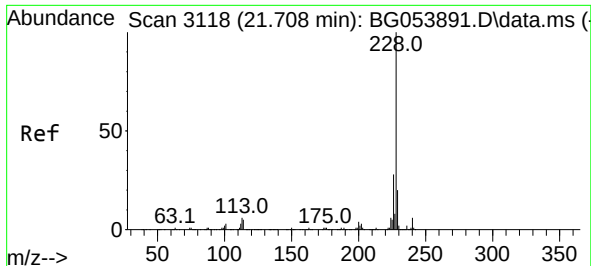


#80
 Butylbenzylphthalate
 Concen: 47.859 ng
 RT: 20.732 min Scan# 2952
 Delta R.T. 0.000 min
 Lab File: BG054091.D
 Acq: 27 Jun 2022 13:38



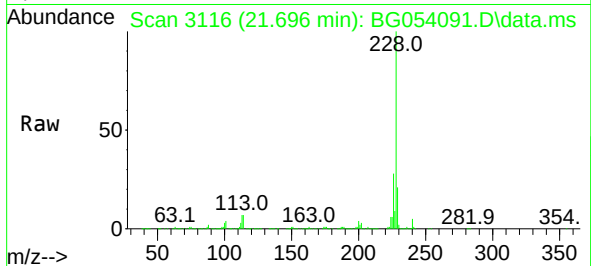
Tgt Ion:149 Resp: 189523
 Ion Ratio Lower Upper
 149 100
 91 69.7 59.6 89.4
 206 25.4 18.6 28.0





#81
Benzo(a)anthracene
Concen: 41.323 ng
RT: 21.696 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

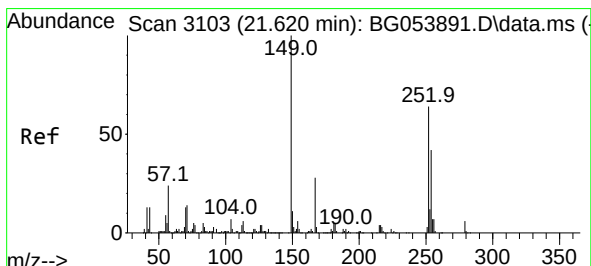
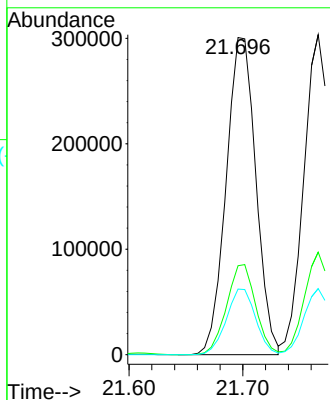
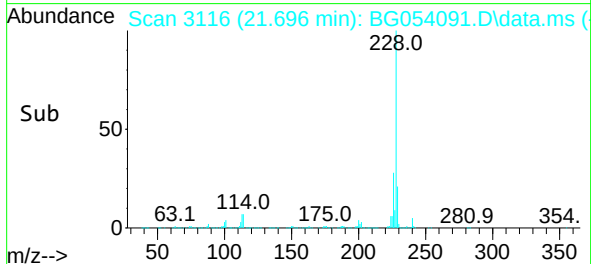
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



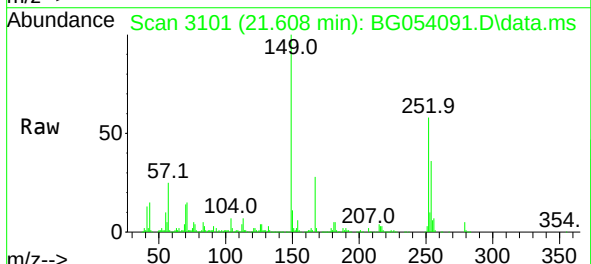
Tgt Ion:228 Resp: 547309
Ion Ratio Lower Upper
228 100
226 28.1 21.6 32.4
229 20.7 16.2 24.2

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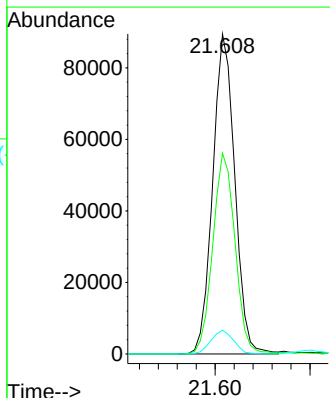
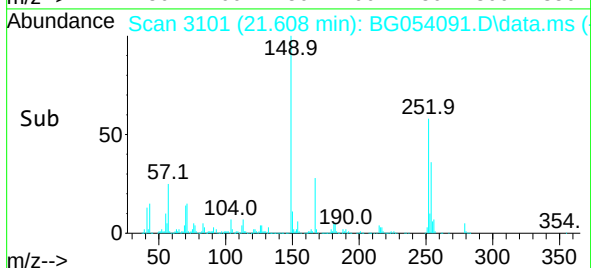
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

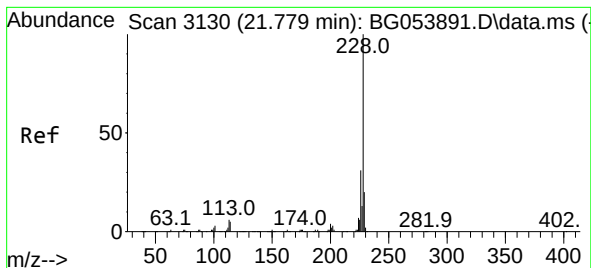


#82
3,3'-Dichlorobenzidine
Concen: 36.511 ng
RT: 21.608 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



Tgt Ion:252 Resp: 144474
Ion Ratio Lower Upper
252 100
254 62.7 49.8 74.8
126 7.5 6.0 9.0





#83

Chrysene

Concen: 39.702 ng

RT: 21.766 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG054091.D

Acq: 27 Jun 2022 13:38

Instrument :

BNA_G

ClientSampleId :

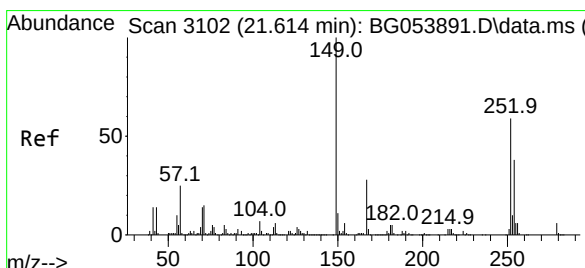
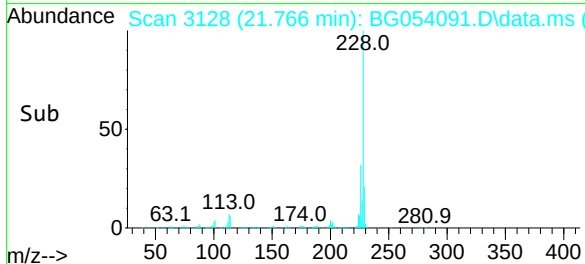
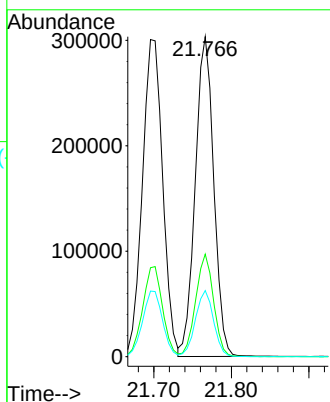
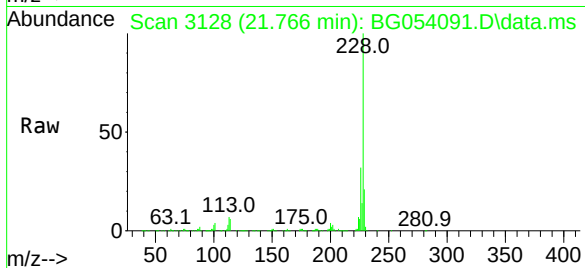
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Tgt Ion:228 Resp: 501229
 Ion Ratio Lower Upper
 228 100
 226 32.1 23.4 35.2
 229 20.7 15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 06/28/2022
 Supervised By :Jagrut Upadhyay 06/28/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.803 ng

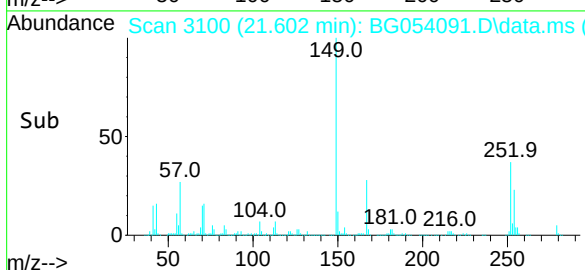
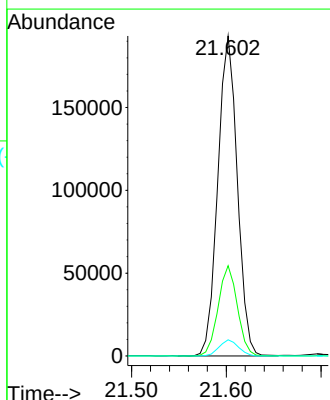
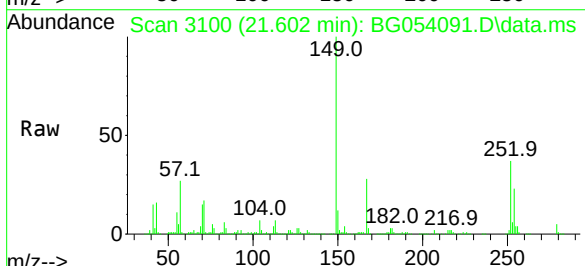
RT: 21.602 min Scan# 3100

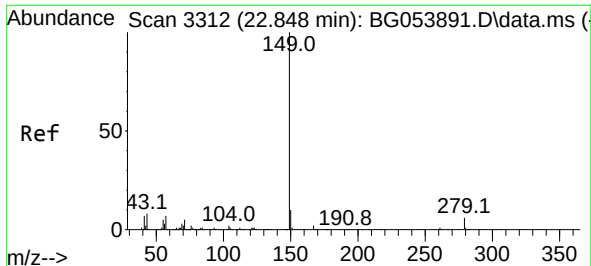
Delta R.T. 0.000 min

Lab File: BG054091.D

Acq: 27 Jun 2022 13:38

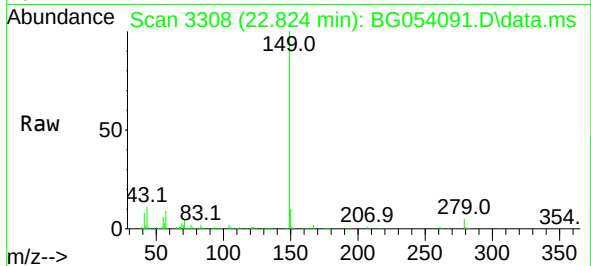
Tgt Ion:149 Resp: 276401
 Ion Ratio Lower Upper
 149 100
 167 28.2 20.2 30.4
 279 5.0 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 48.338 ng
RT: 22.824 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

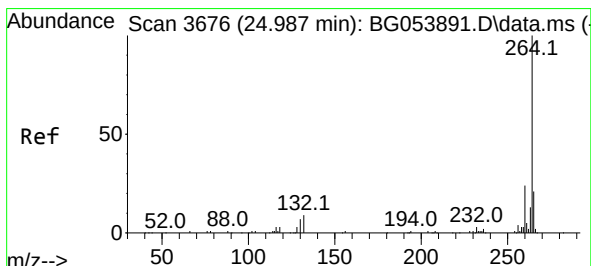
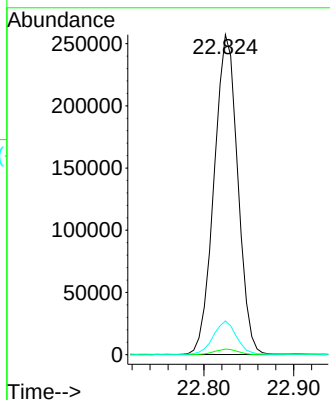
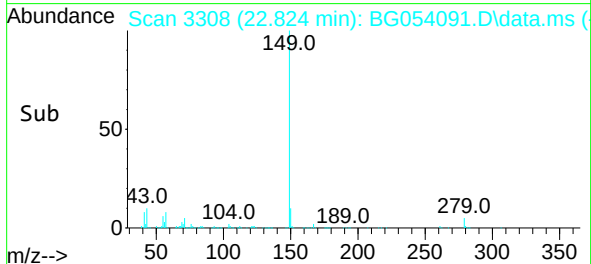
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



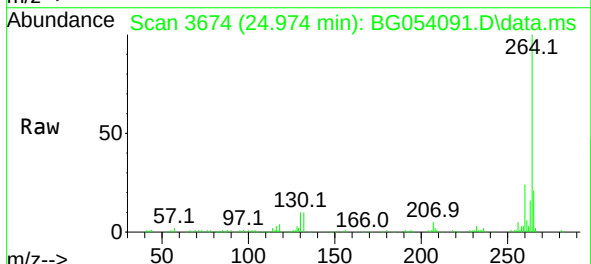
Tgt Ion:149 Resp: 47054
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.0 9.0 13.4

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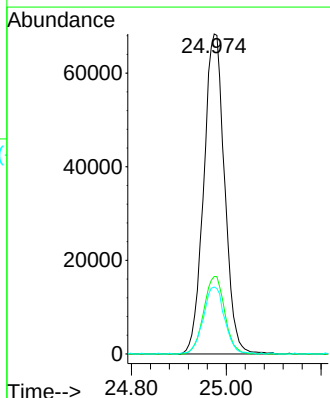
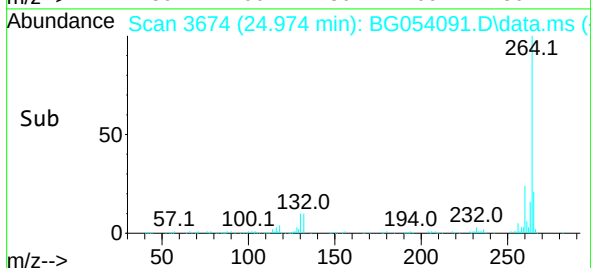
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

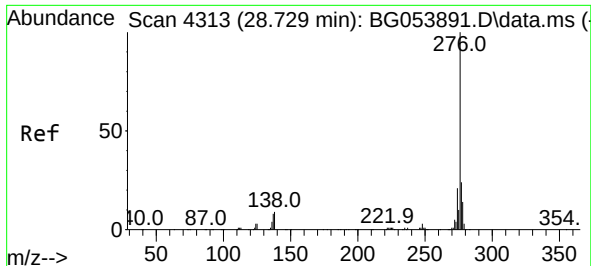


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.974 min Scan# 3674
Delta R.T. 0.012 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



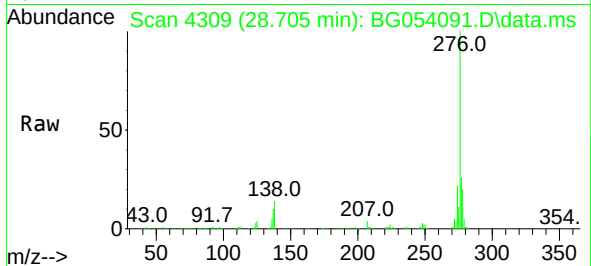
Tgt Ion:264 Resp: 208346
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 20.9 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.478 ng
RT: 28.705 min Scan# 4313
Delta R.T. 0.018 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

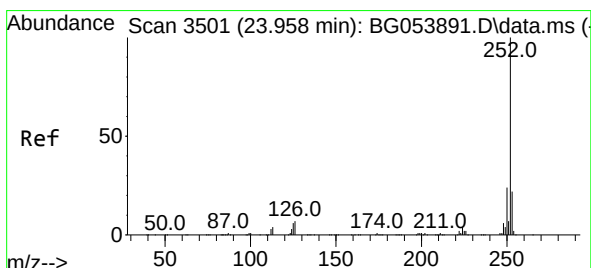
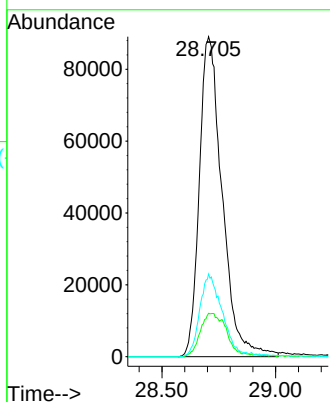
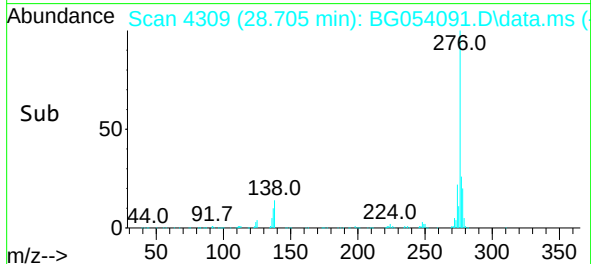
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



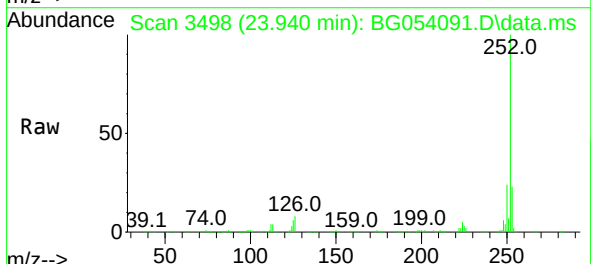
Tgt Ion:276 Resp: 62069
Ion Ratio Lower Upper
276 100
138 15.1 5.0 7.4
277 25.2 20.3 30.5

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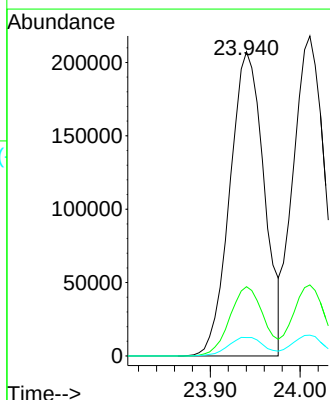
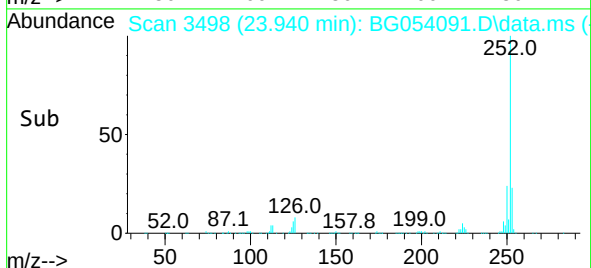
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

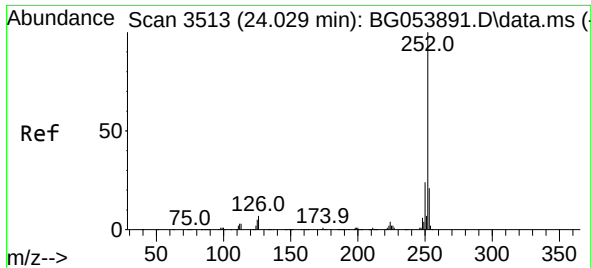


#88
Benzo(b)fluoranthene
Concen: 43.481 ng
RT: 23.940 min Scan# 3498
Delta R.T. 0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



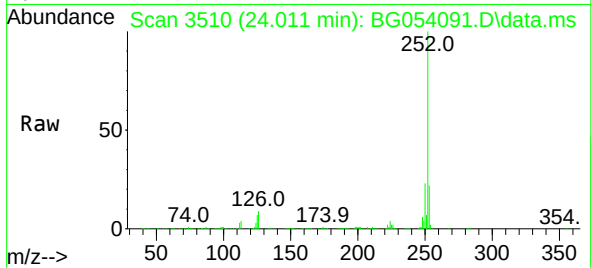
Tgt Ion:252 Resp: 550814
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 6.1 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 42.678 ng
RT: 24.011 min Scan# 3513
Delta R.T. 0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38

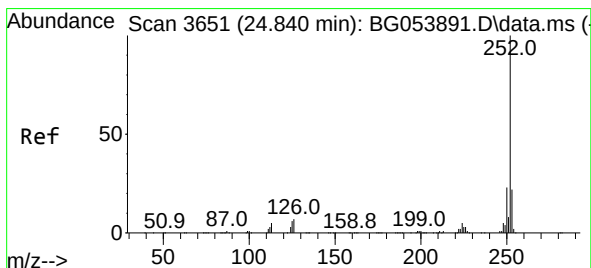
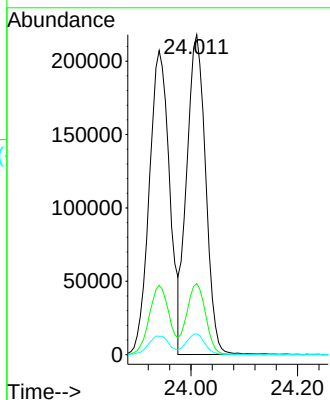
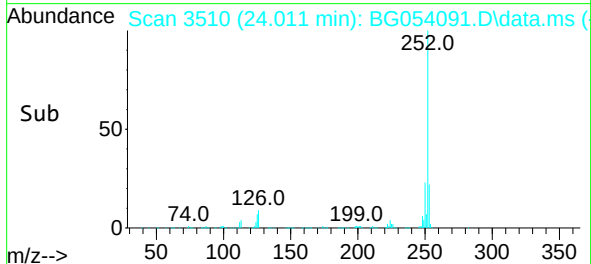
Instrument :
BNA_G
ClientSampleId :
PB145813BSD



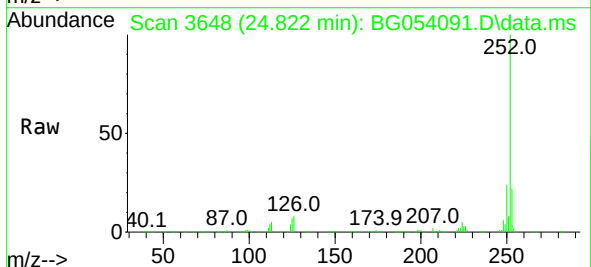
Tgt Ion:252 Resp: 53529
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 6.5 4.8 7.2

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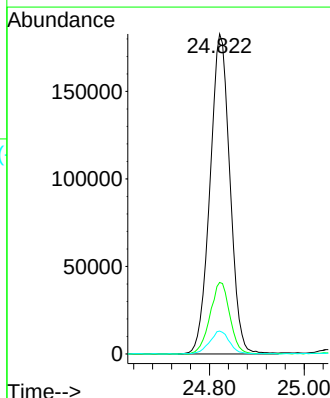
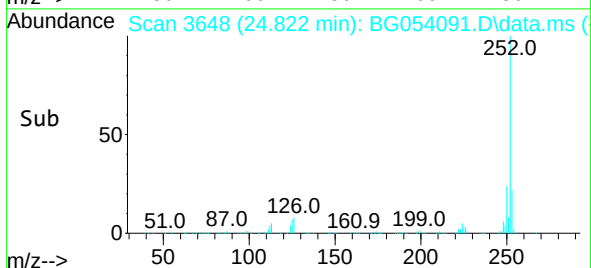
Reviewed By :Christian Giraldo 06/28/2022
Supervised By :Jagrut Upadhyay 06/28/2022

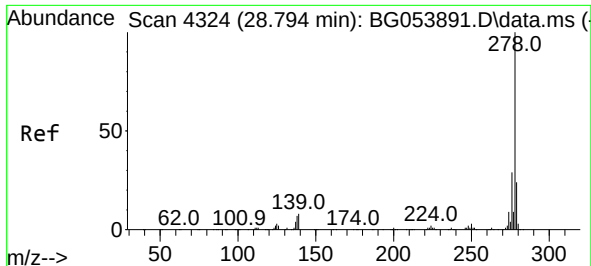


#90
Benzo(a)pyrene
Concen: 49.832 ng
RT: 24.822 min Scan# 3648
Delta R.T. 0.006 min
Lab File: BG054091.D
Acq: 27 Jun 2022 13:38



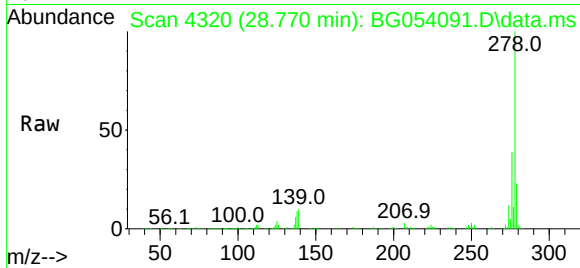
Tgt Ion:252 Resp: 532617
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 7.1 4.3 6.5#





#91
 Dibenzo(a,h)anthracene
 Concen: 41.534 ng
 RT: 28.770 min Scan# 41
 Delta R.T. 0.024 min
 Lab File: BG054091.D
 Acq: 27 Jun 2022 13:38

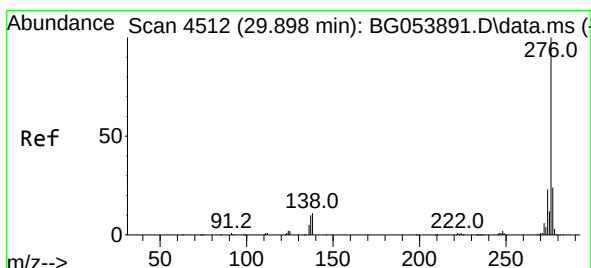
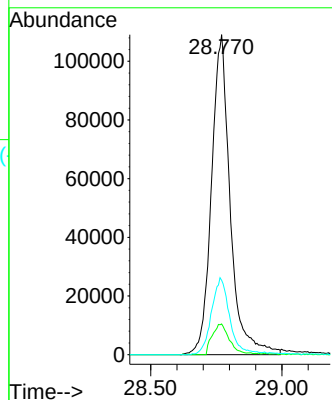
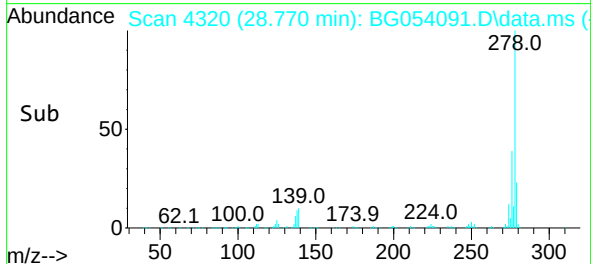
Instrument :
 BNA_G
 ClientSampleId :
 PB145813BSD



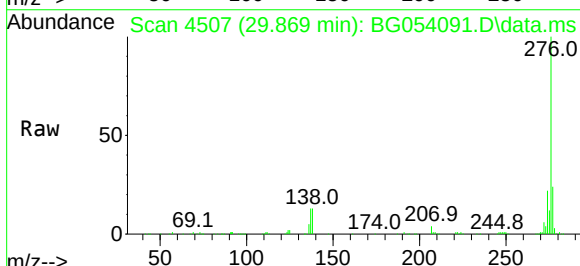
Tgt Ion: 278 Resp: 54001
 Ion Ratio Lower Upper
 278 100
 139 9.6 7.2 10.8
 279 23.3 18.6 27.8

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Reviewed By : Christian Giraldo 06/28/2022
 Supervised By : Jagrut Upadhyay 06/28/2022



#92
 Benzo(g,h,i)perylene
 Concen: 40.546 ng
 RT: 29.869 min Scan# 4507
 Delta R.T. 0.006 min
 Lab File: BG054091.D
 Acq: 27 Jun 2022 13:38



Tgt Ion: 276 Resp: 520233
 Ion Ratio Lower Upper
 276 100
 277 24.1 17.3 25.9
 138 13.3 9.6 14.4

