

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051222\
 Data File : BG053532.D
 Acq On : 12 May 2022 16:07
 Operator : CG/JU
 Sample : PB144721BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144721BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/13/2022
 Supervised By : Jagrut Upadhyay 05/13/2022

Quant Time: May 13 06:36:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	24116	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	107714	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	86216	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	216372	20.000	ng	0.00
76) Chrysene-d12	21.736	240	206196	20.000	ng	0.00
86) Perylene-d12	25.014	264	212650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	201761	141.987	ng	0.00
7) Phenol-d6	7.250	99	291057	134.963	ng	0.00
23) Nitrobenzene-d5	9.247	82	200659	79.300	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	159059	125.087	ng	0.00
45) 2-Fluorobiphenyl	13.335	172	469646	79.601	ng	0.00
79) Terphenyl-d14	20.062	244	957292	86.468	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.525	88	29454	39.505	ng	# 91
3) Pyridine	3.925	79	54659	30.019	ng	94
4) n-Nitrosodimethylamine	3.842	42	37886	42.714	ng	100
6) Aniline	7.408	93	105169	44.030	ng	94
8) 2-Chlorophenol	7.655	128	72357	48.709	ng	98
9) Benzaldehyde	7.220	77	51636m	37.690	ng	
10) Phenol	7.279	94	101220	47.990	ng	97
11) bis(2-Chloroethyl)ether	7.496	93	67733	43.059	ng	96
12) 1,3-Dichlorobenzene	7.978	146	72449	41.341	ng	93
13) 1,4-Dichlorobenzene	8.119	146	73861	41.766	ng	98
14) 1,2-Dichlorobenzene	8.442	146	72792	43.834	ng	97
15) Benzyl Alcohol	8.325	79	84642m	46.946	ng	
16) 2,2'-oxybis(1-Chloropr...	8.612	45	111715	43.635	ng	98
17) 2-Methylphenol	8.530	107	69382	48.669	ng	99
18) Hexachloroethane	9.170	117	26824	39.943	ng	91
19) n-Nitroso-di-n-propyla...	8.889	70	67957	43.919	ng	# 98
20) 3+4-Methylphenols	8.859	107	95563	47.464	ng	97
22) Acetophenone	8.906	105	115959	39.335	ng	# 97
24) Nitrobenzene	9.288	77	102229	41.742	ng	97
25) Isophorone	9.811	82	189785	44.566	ng	99
26) 2-Nitrophenol	10.005	139	41825	42.166	ng	99
27) 2,4-Dimethylphenol	10.063	122	74249	49.739	ng	97
28) bis(2-Chloroethoxy)met...	10.292	93	100450	41.013	ng	97
29) 2,4-Dichlorophenol	10.551	162	81901	45.459	ng	92
30) 1,2,4-Trichlorobenzene	10.757	180	83563	40.822	ng	96
31) Naphthalene	10.950	128	224074	40.896	ng	100
32) Benzoic acid	10.240	122	31862m	36.595	ng	
33) 4-Chloroaniline	11.050	127	71396	31.114	ng	96
34) Hexachlorobutadiene	11.232	225	59764	39.373	ng	95
35) Caprolactam	11.826	113	28570m	43.637	ng	
36) 4-Chloro-3-methylphenol	12.178	107	95388	44.262	ng	95
37) 2-Methylnaphthalene	12.548	142	172267	42.130	ng	97
38) 1-Methylnaphthalene	12.766	142	162526m	40.739	ng	
40) 1,2,4,5-Tetrachloroben...	12.918	216	109467	40.280	ng	# 98
41) Hexachlorocyclopentadiene	12.895	237	108302	95.867	ng	99
43) 2,4,6-Trichlorophenol	13.153	196	75353	42.478	ng	95

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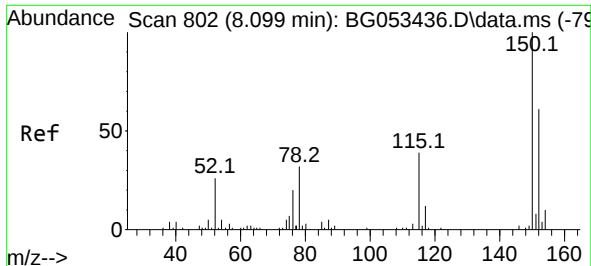
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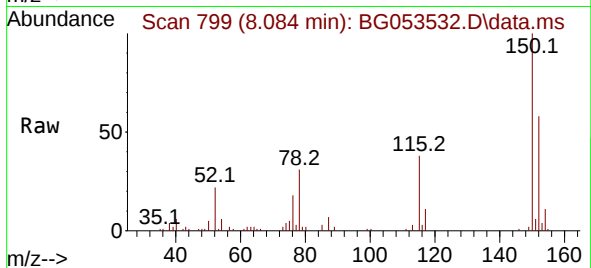
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.230	196	80764	42.778	ng	99
46) 1,1'-Biphenyl	13.547	154	236520	40.246	ng	100
47) 2-Chloronaphthalene	13.594	162	185986	40.394	ng	98
48) 2-Nitroaniline	13.794	65	75264	43.869	ng	99
49) Acenaphthylene	14.434	152	322941	43.954	ng	99
50) Dimethylphthalate	14.158	163	269815	41.183	ng	98
51) 2,6-Dinitrotoluene	14.281	165	59347	44.462	ng	98
52) Acenaphthene	14.775	154	178944	40.868	ng	97
53) 3-Nitroaniline	14.616	138	48495	33.626	ng	100
54) 2,4-Dinitrophenol	14.828	184	64876	76.838	ng	96
55) Dibenzofuran	15.110	168	316163	40.199	ng	100
56) 4-Nitrophenol	14.933	139	88312	85.732	ng	97
57) 2,4-Dinitrotoluene	15.074	165	83815	43.321	ng	# 86
58) Fluorene	15.756	166	263962	41.823	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.339	232	78404	40.929	ng	99
60) Diethylphthalate	15.515	149	285694	42.215	ng	99
61) 4-Chlorophenyl-phenylether	15.744	204	146784	41.678	ng	99
62) 4-Nitroaniline	15.779	138	61955	41.418	ng	97
63) Azobenzene	16.038	77	287022	41.417	ng	98
65) 4,6-Dinitro-2-methylph...	15.838	198	49792	38.619	ng	97
66) n-Nitrosodiphenylamine	15.961	169	237028	41.724	ng	99
67) 4-Bromophenyl-phenylether	16.637	248	105450	41.730	ng	92
68) Hexachlorobenzene	16.766	284	116540	42.110	ng	99
69) Atrazine	16.901	200	103841	43.420	ng	95
70) Pentachlorophenol	17.113	266	110652	74.578	ng	94
71) Phenanthrene	17.500	178	456525	41.494	ng	98
72) Anthracene	17.588	178	456676	42.230	ng	99
73) Carbazole	17.859	167	415605	39.214	ng	99
74) Di-n-butylphthalate	18.405	149	492262	41.298	ng	99
75) Fluoranthene	19.504	202	582442	40.886	ng	98
77) Benzidine	19.680	184	285532	64.247	ng	99
78) Pyrene	19.868	202	575275	43.098	ng	99
80) Butylbenzylphthalate	20.743	149	208253	42.547	ng	99
81) Benzo(a)anthracene	21.718	228	562177	42.746	ng	98
82) 3,3'-Dichlorobenzidine	21.624	252	154629	46.364	ng	97
83) Chrysene	21.783	228	509288	41.462	ng	99
84) Bis(2-ethylhexyl)phtha...	21.607	149	293640	43.465	ng	95
85) Di-n-octyl phthalate	22.828	149	502446	43.982	ng	99
87) Indeno(1,2,3-cd)pyrene	28.762	276	623139	42.074	ng	# 99
88) Benzo(b)fluoranthene	23.974	252	574237	45.621	ng	99
89) Benzo(k)fluoranthene	24.039	252	553025	44.711	ng	99
90) Benzo(a)pyrene	24.861	252	556787	51.971	ng	99
91) Dibenzo(a,h)anthracene	28.826	278	542624	44.463	ng	99
92) Benzo(g,h,i)perylene	29.948	276	542295	44.829	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.084 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

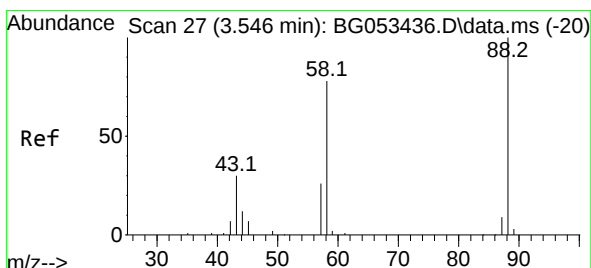
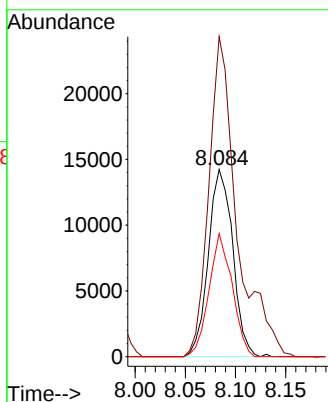
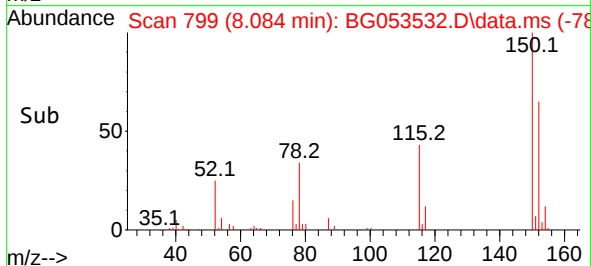
Instrument :
BNA_G
ClientSampleId :
PB144721BS



Tgt Ion:152 Resp: 24110
Ion Ratio Lower Upper
152 100
150 171.0 131.6 197.4
115 65.8 50.9 76.3

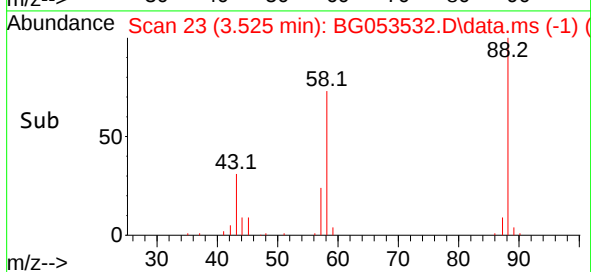
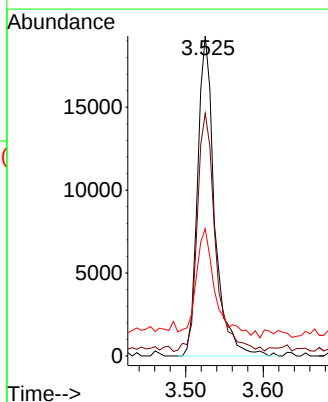
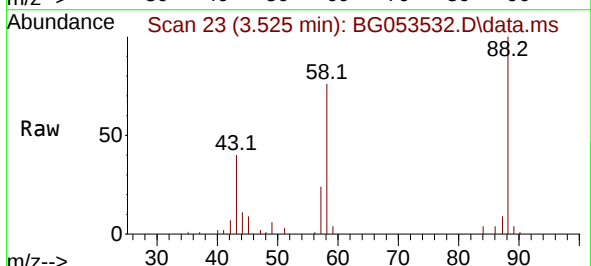
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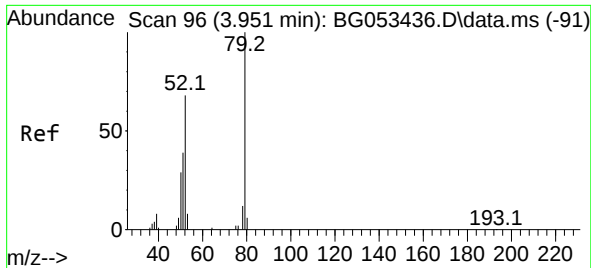
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#2
1,4-Dioxane
Concen: 39.505 ng
RT: 3.525 min Scan# 23
Delta R.T. -0.012 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

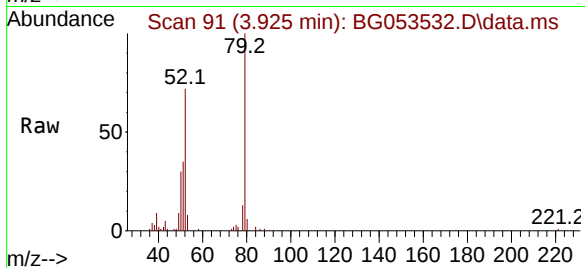
Tgt Ion: 88 Resp: 29454
Ion Ratio Lower Upper
88 100
58 79.3 59.2 88.8
43 39.3 24.3 36.5





#3
Pyridine
Concen: 30.019 ng
RT: 3.925 min Scan# 91
Delta R.T. -0.012 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

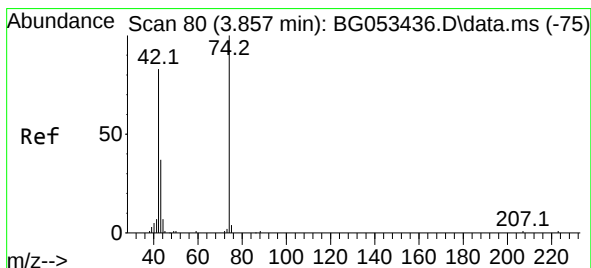
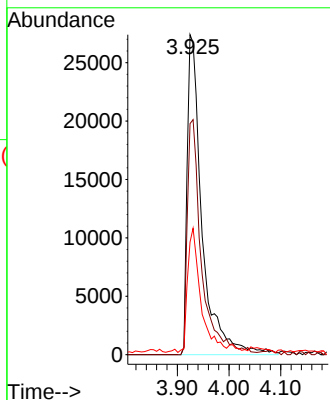
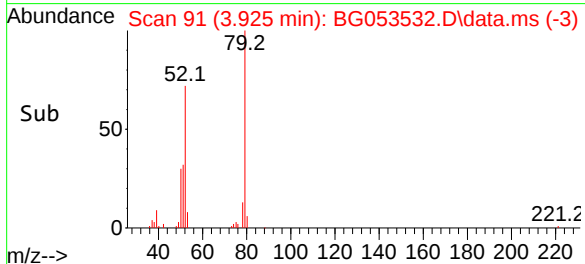
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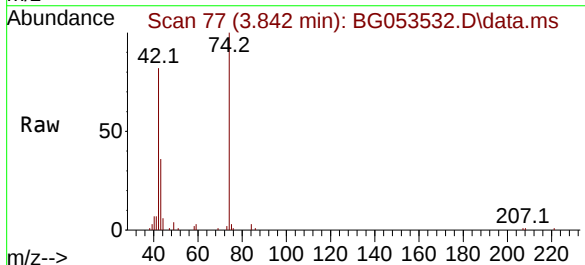
Tgt Ion: 79 Resp: 54659
Ion Ratio Lower Upper
79 100
52 72.2 54.6 81.8
51 35.2 32.5 48.7

Manual Integrations
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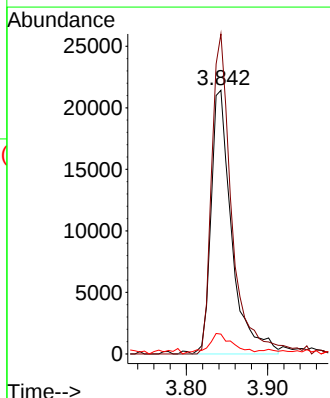
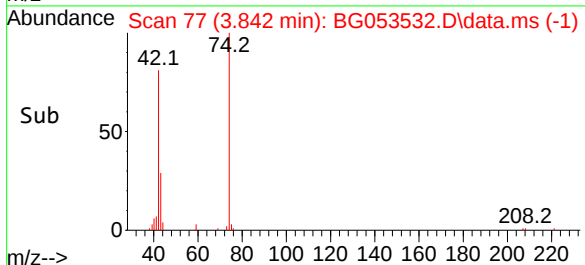
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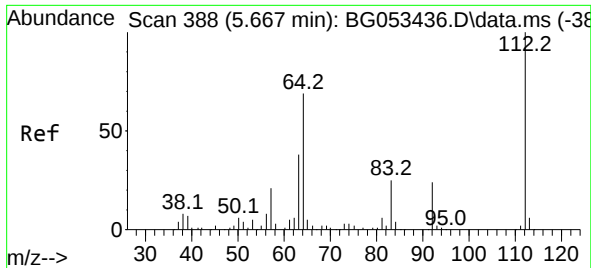


#4
n-Nitrosodimethylamine
Concen: 42.714 ng
RT: 3.842 min Scan# 77
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07



Tgt Ion: 42 Resp: 37886
Ion Ratio Lower Upper
42 100
74 121.4 97.0 145.4
44 7.5 7.0 10.4





#5
2-Fluorophenol
Concen: 141.987 ng
RT: 5.652 min Scan# 311
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

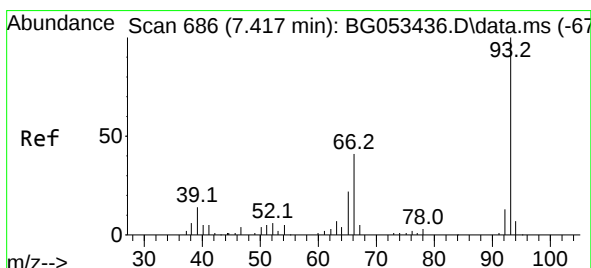
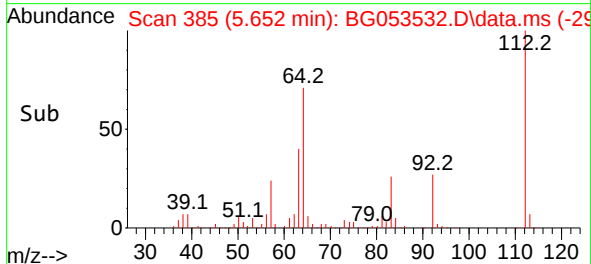
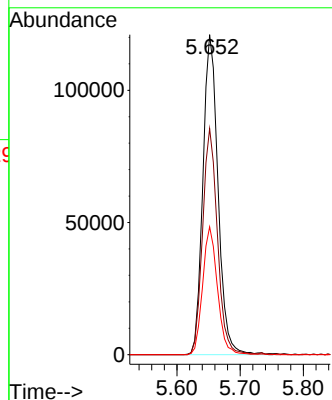
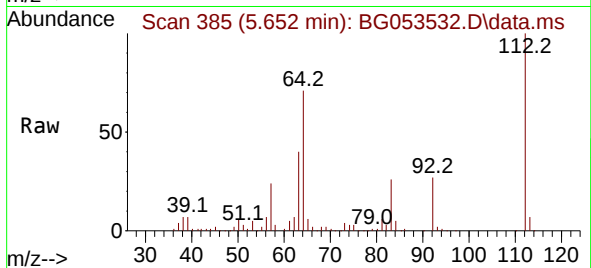
PB144721BS

Tgt Ion:112 Resp: 20176
Ion Ratio Lower Upper
112 100
64 70.7 55.1 82.7
63 40.0 30.4 45.6

Manual Integrations

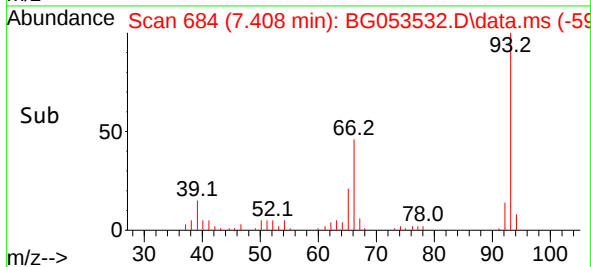
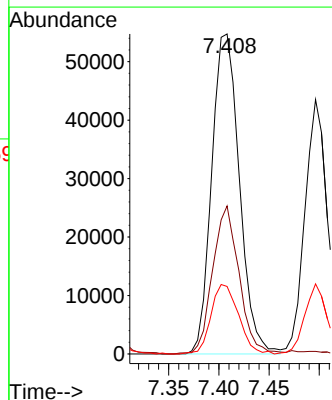
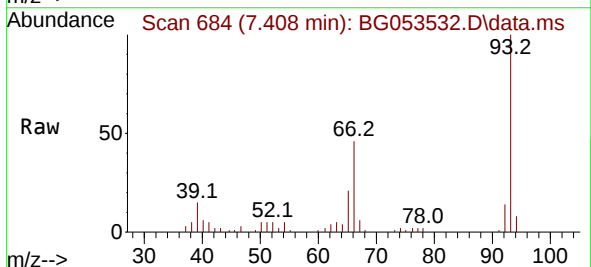
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#6
Aniline
Concen: 44.030 ng
RT: 7.408 min Scan# 684
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Tgt Ion: 93 Resp: 105169
Ion Ratio Lower Upper
93 100
66 46.3 32.9 49.3
65 21.1 17.8 26.8





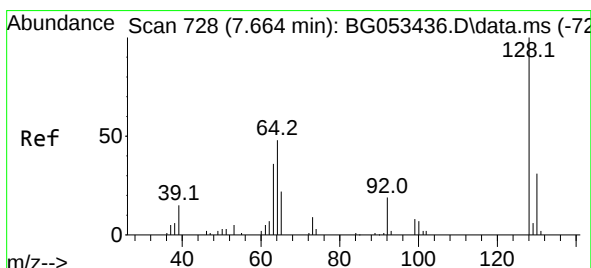
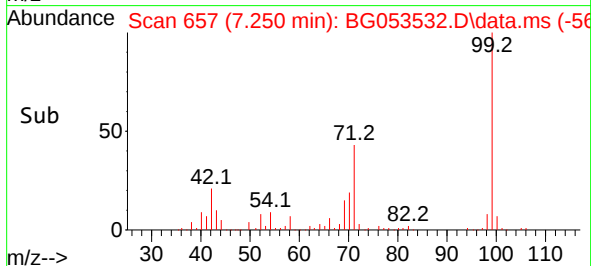
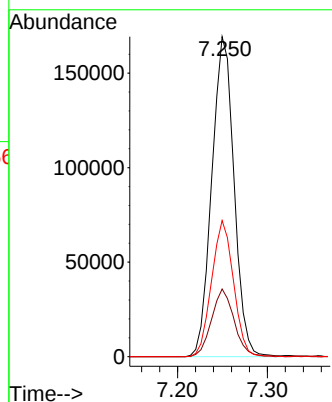
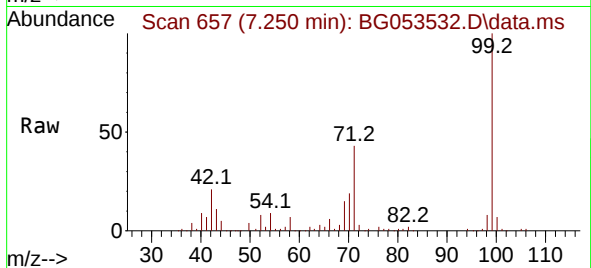
#7
Phenol-d6
Concen: 134.963 ng
RT: 7.250 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Instrument :
BNA_G
ClientSampleId :
PB144721BS

Tgt Ion: 99 Resp: 29105
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 42.5 33.8 50.8

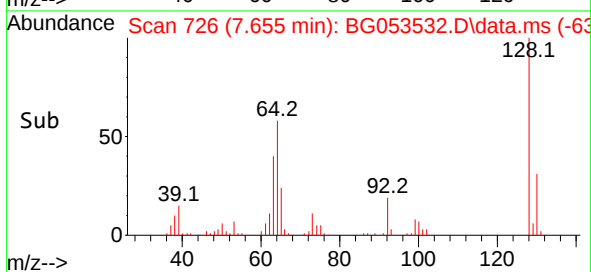
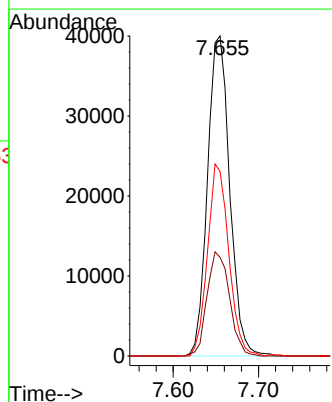
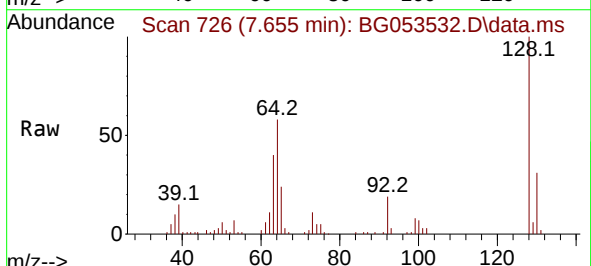
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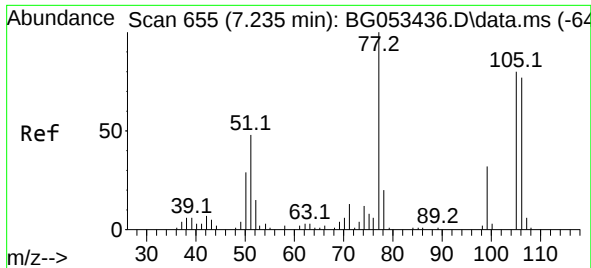
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#8
2-Chlorophenol
Concen: 48.709 ng
RT: 7.655 min Scan# 726
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Tgt Ion:128 Resp: 72357
Ion Ratio Lower Upper
128 100
130 30.8 10.5 50.5
64 57.7 35.1 75.1





#9
Benzaldehyde
Concen: 37.690 ng m
RT: 7.220 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

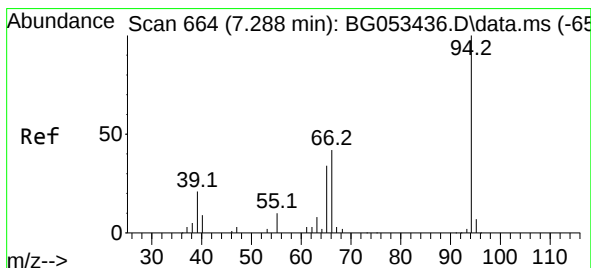
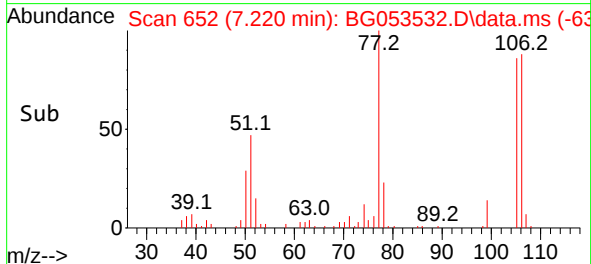
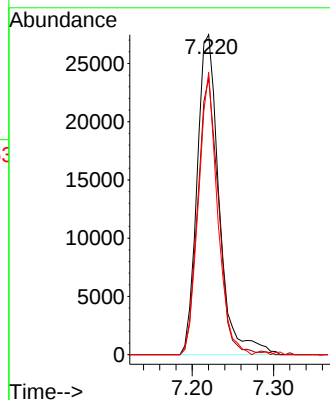
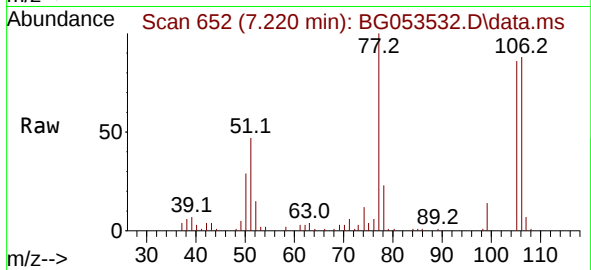
PB144721BS

Tgt Ion: 77 Resp: 51630
Ion Ratio Lower Upper
77 100
105 86.5 59.6 99.6
106 88.2 56.8 96.8

Manual Integrations

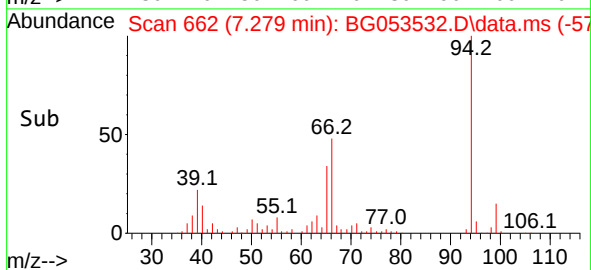
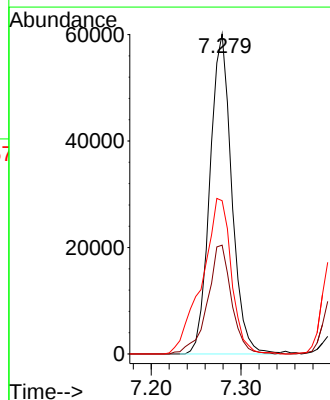
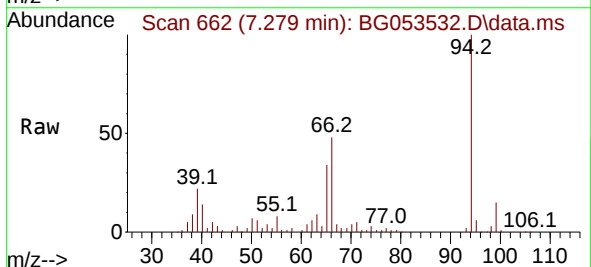
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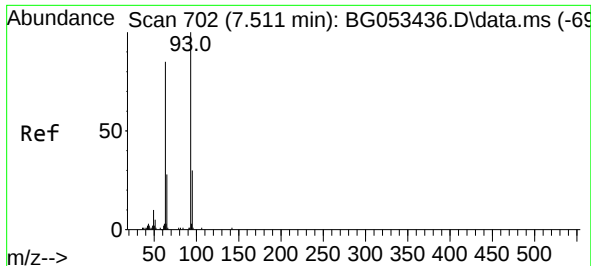
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#10
Phenol
Concen: 47.990 ng
RT: 7.279 min Scan# 662
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Tgt Ion: 94 Resp: 101220
Ion Ratio Lower Upper
94 100
65 34.0 14.8 54.8
66 47.9 25.2 65.2





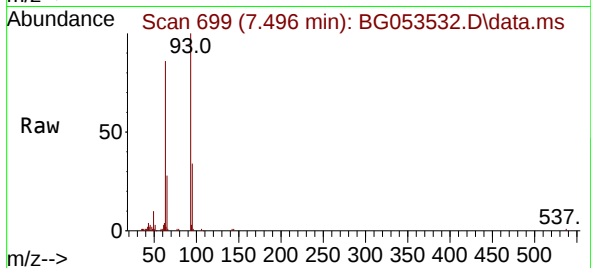
#11
bis(2-Chloroethyl)ether
Concen: 43.059 ng
RT: 7.496 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

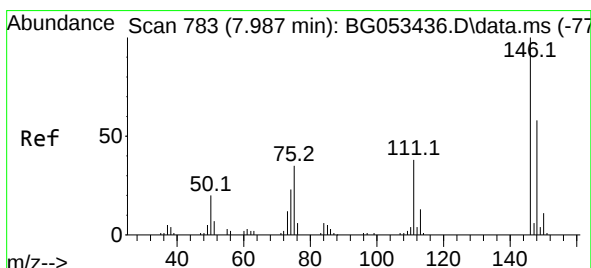
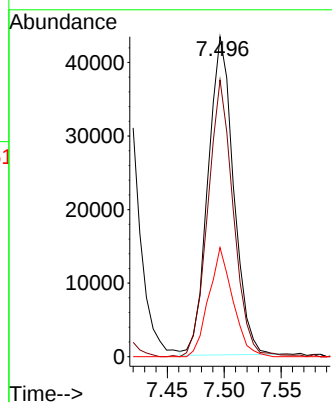
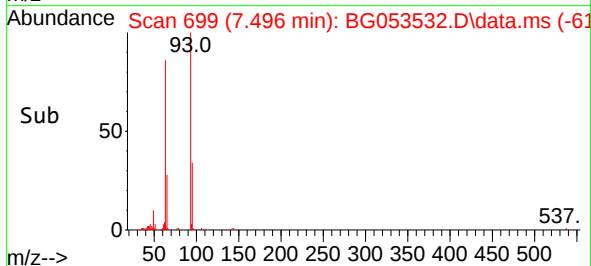
PB144721BS



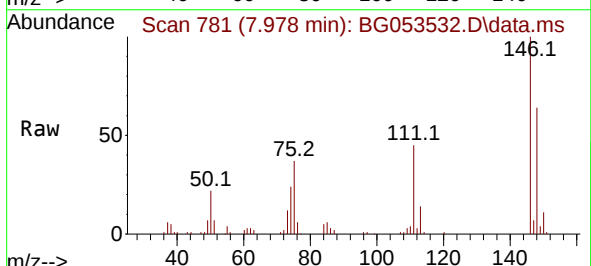
Tgt Ion: 93 Resp: 6773
Ion Ratio Lower Upper
93 100
63 86.5 63.6 103.6
95 34.1 10.1 50.1

Manual Integrations
APPROVED

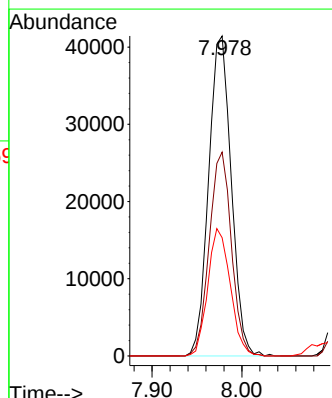
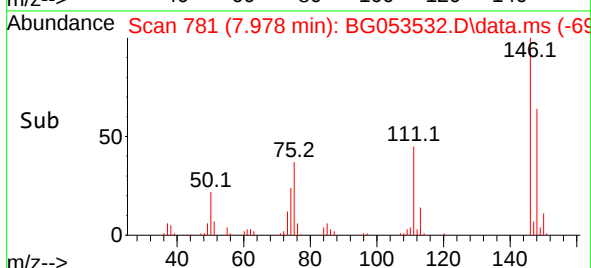
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022

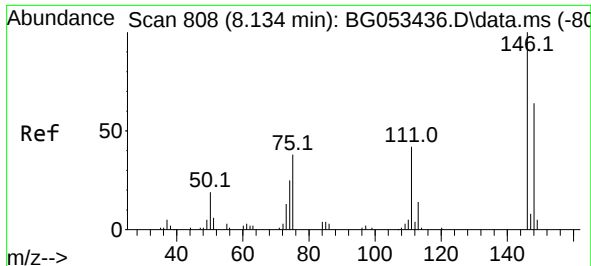


#12
1,3-Dichlorobenzene
Concen: 41.341 ng
RT: 7.978 min Scan# 781
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07



Tgt Ion:146 Resp: 72449
Ion Ratio Lower Upper
146 100
148 63.7 46.1 69.1
75 36.9 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 41.766 ng

RT: 8.119 min Scan# 80

Delta R.T. -0.006 min

Lab File: BG053532.D

Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

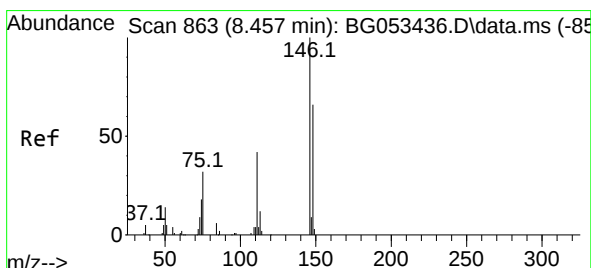
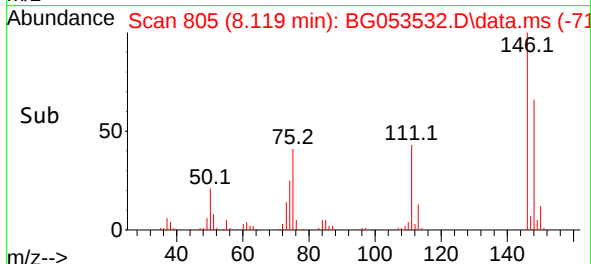
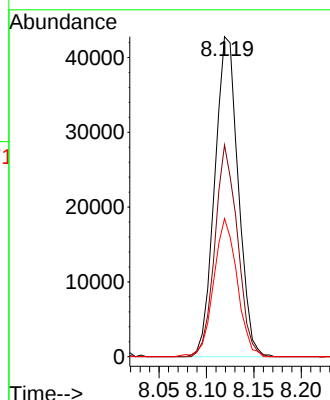
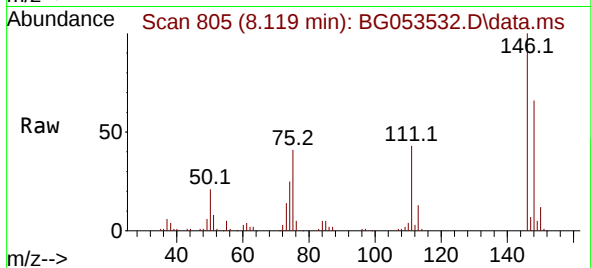
PB144721BS

Tgt Ion:146	Resp:	7386
Ion Ratio	Lower	Upper
146	100	
148	66.2	51.5 77.3
111	43.2	33.9 50.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#14

1,2-Dichlorobenzene

Concen: 43.834 ng

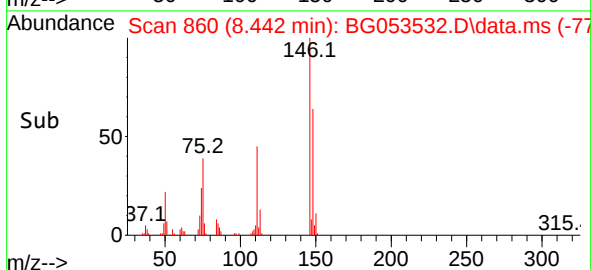
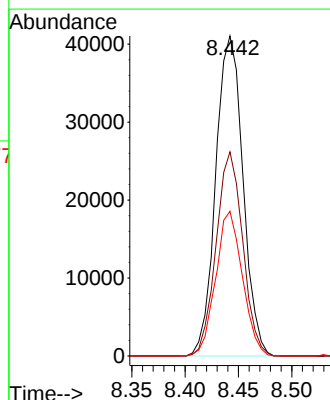
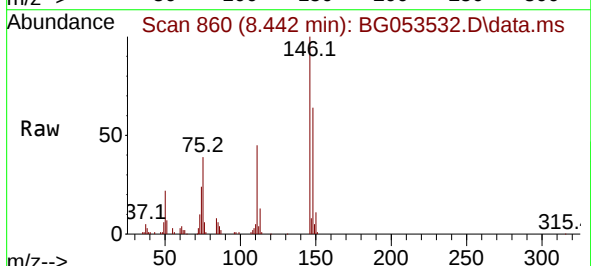
RT: 8.442 min Scan# 860

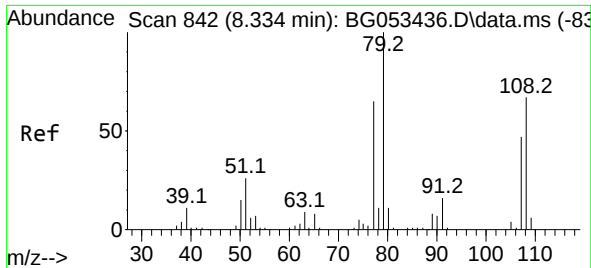
Delta R.T. 0.000 min

Lab File: BG053532.D

Acq: 12 May 2022 16:07

Tgt Ion:146	Resp:	72792
Ion Ratio	Lower	Upper
146	100	
148	63.8	52.6 78.8
111	45.2	34.5 51.7





#15
Benzyl Alcohol
Concen: 46.946 ng m
RT: 8.325 min Scan# 842
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

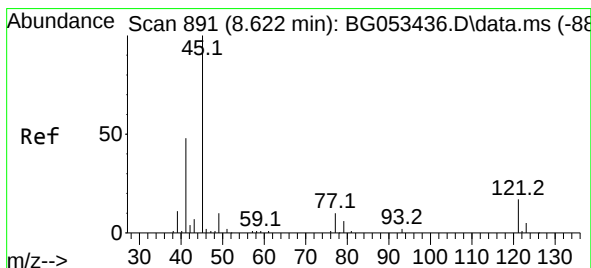
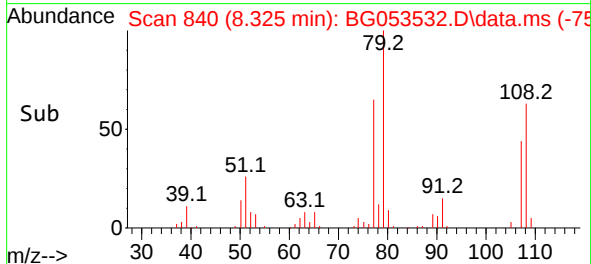
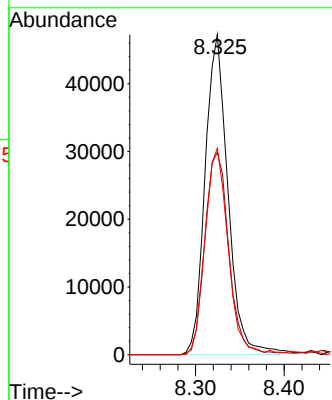
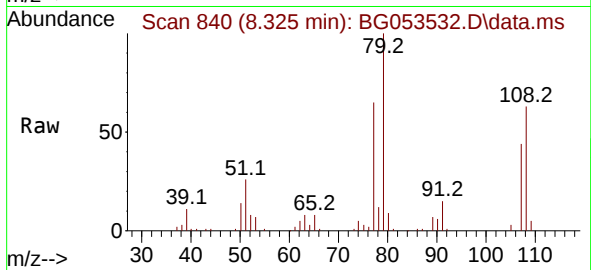
Instrument :
BNA_G
ClientSampleId :
PB144721BS

Tgt Ion: 79 Resp: 8464

Ion	Ratio	Lower	Upper
79	100		
108	63.3	53.7	80.5
77	64.5	52.2	78.4

Manual Integrations
APPROVED

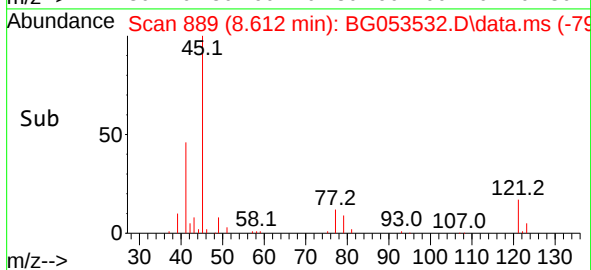
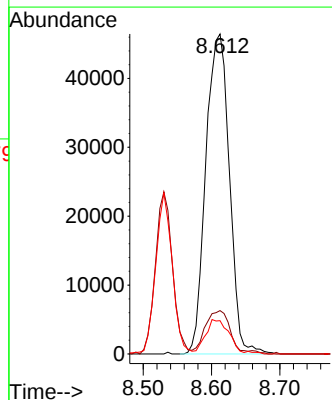
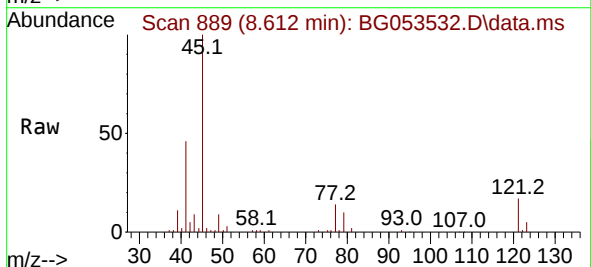
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022

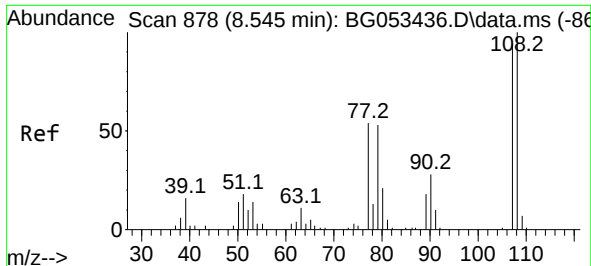


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.635 ng
RT: 8.612 min Scan# 889
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Tgt Ion: 45 Resp: 111715

Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	32.7
79	10.4	0.0	29.7





#17
2-Methylphenol
Concen: 48.669 ng
RT: 8.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

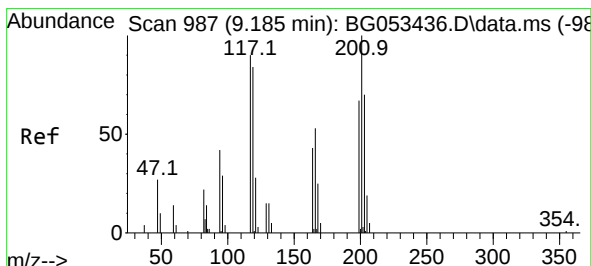
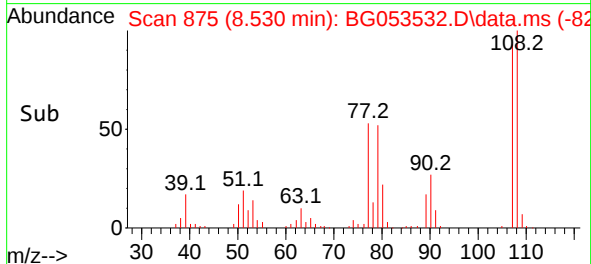
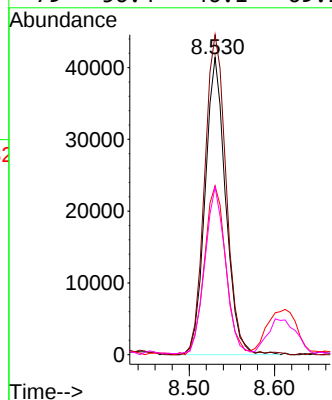
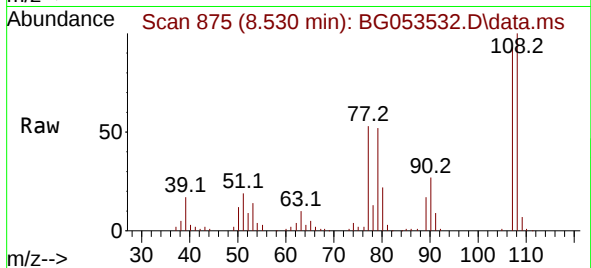
PB144721BS

Tgt Ion:107 Resp: 6938
Ion Ratio Lower Upper
107 100
108 107.7 85.4 128.0
77 56.8 46.2 69.2
79 56.4 46.1 69.1

Manual Integrations

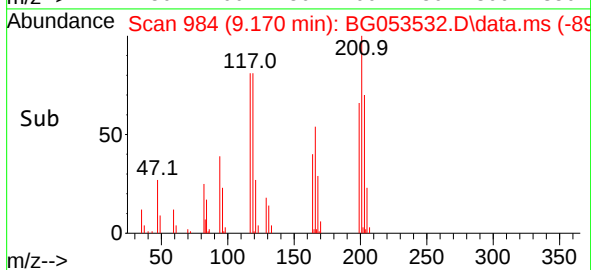
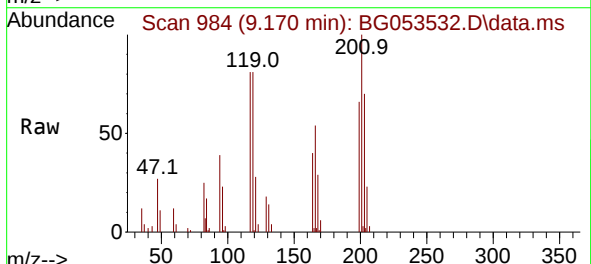
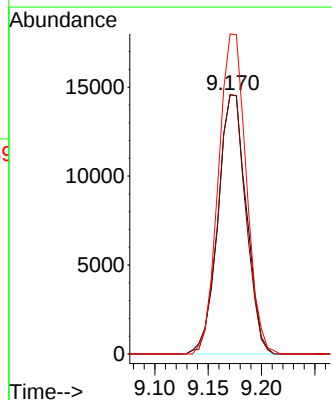
APPROVED

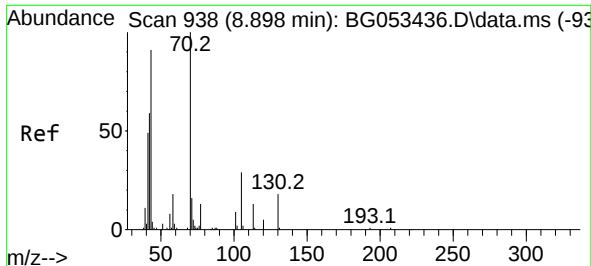
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#18
Hexachloroethane
Concen: 39.943 ng
RT: 9.170 min Scan# 984
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

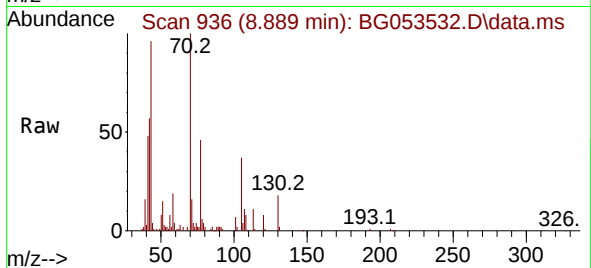
Tgt Ion:117 Resp: 26824
Ion Ratio Lower Upper
117 100
119 100.1 75.0 112.6
201 123.5 89.0 133.6





#19
n-Nitroso-di-n-propylamine
Concen: 43.919 ng
RT: 8.889 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

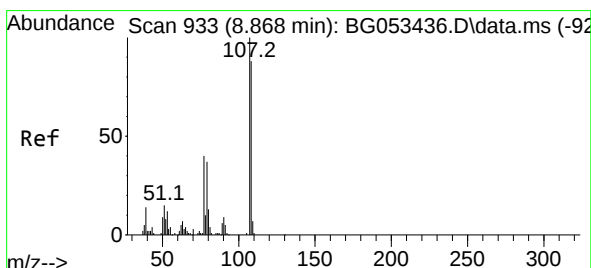
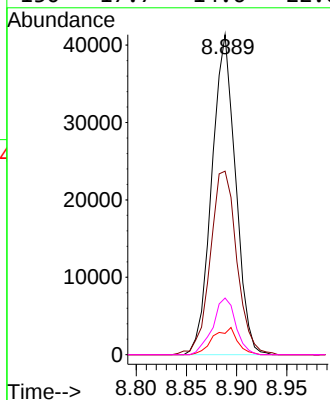
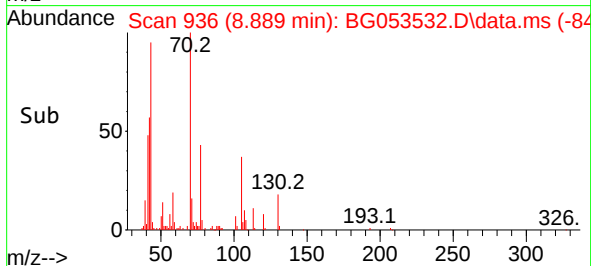
Instrument :
BNA_G
ClientSampleId :
PB144721BS



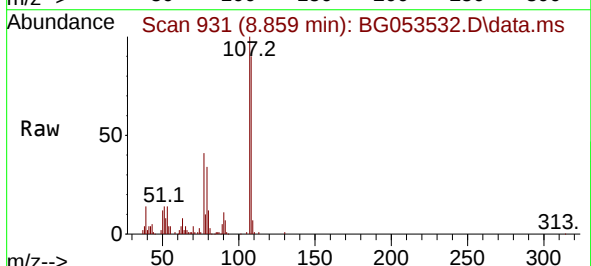
Tgt Ion: 70 Resp: 6795
Ion Ratio Lower Upper
70 100
42 57.4 47.3 70.9
101 6.7 7.0 10.4
130 17.7 14.6 22.0

Manual Integrations
APPROVED

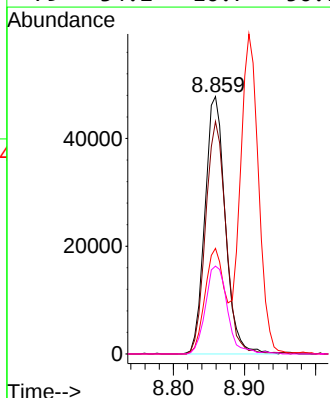
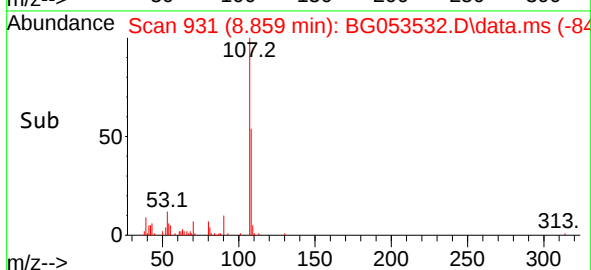
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022

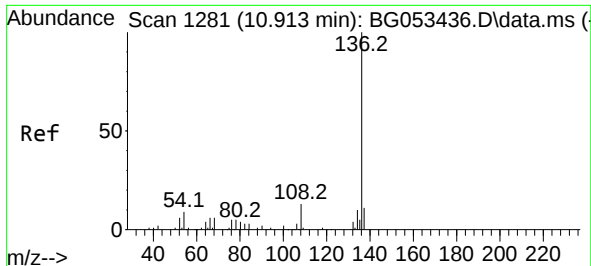


#20
3+4-Methylphenols
Concen: 47.464 ng
RT: 8.859 min Scan# 931
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07



Tgt Ion:107 Resp: 95563
Ion Ratio Lower Upper
107 100
108 90.3 67.5 107.5
77 41.0 20.3 60.3
79 34.2 16.7 56.7





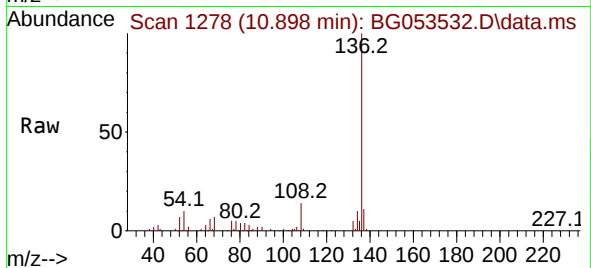
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 107714
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

PB144721BS

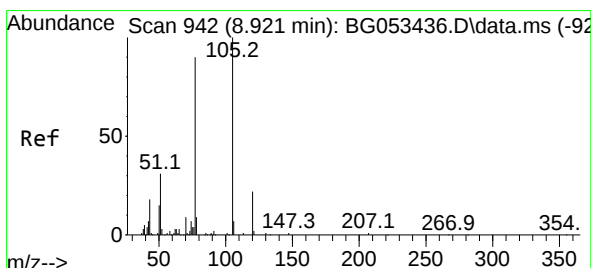
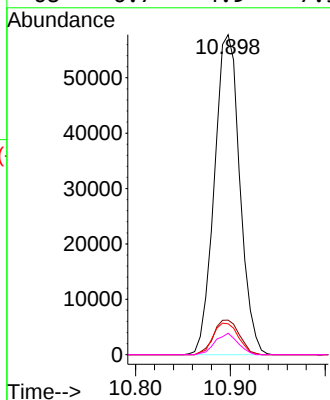
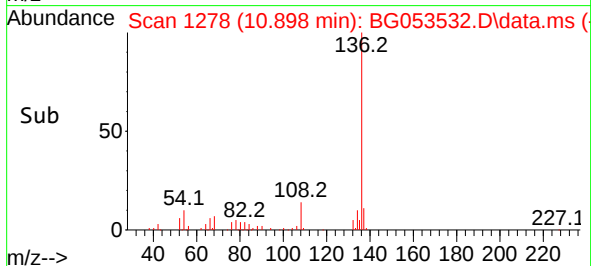


Tgt Ion:136 Resp: 107714
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.7 7.4 11.2
68 6.7 4.9 7.3

Manual Integrations

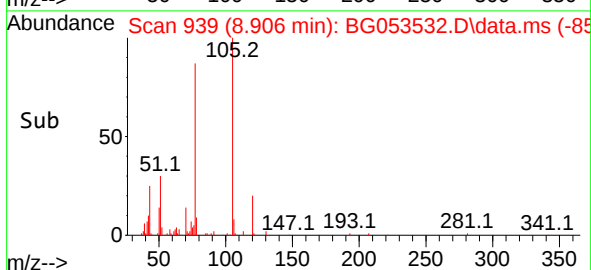
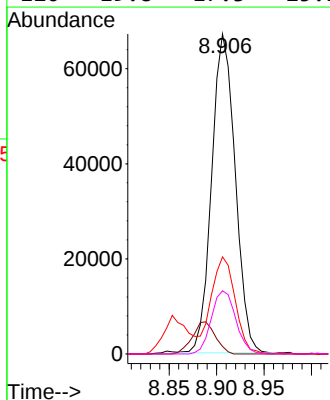
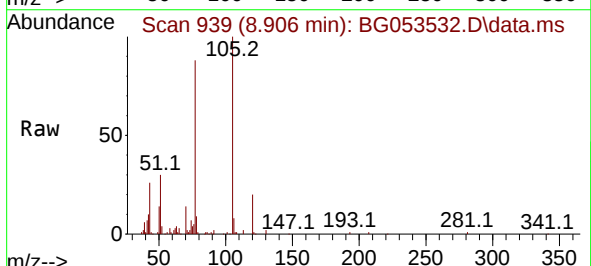
APPROVED

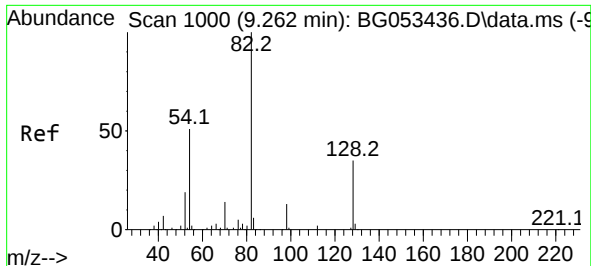
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#22
Acetophenone
Concen: 39.335 ng
RT: 8.906 min Scan# 939
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

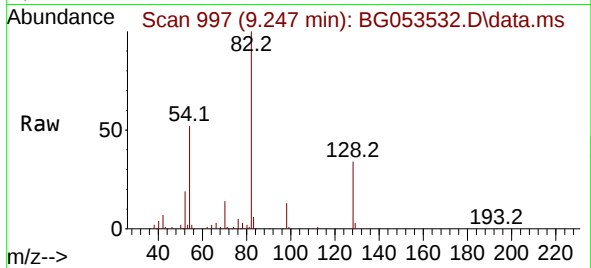
Tgt Ion:105 Resp: 115959
Ion Ratio Lower Upper
105 100
71 2.4 1.1 1.7#
51 30.4 25.4 38.0
120 19.8 17.3 25.9





#23
Nitrobenzene-d5
Concen: 79.300 ng
RT: 9.247 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

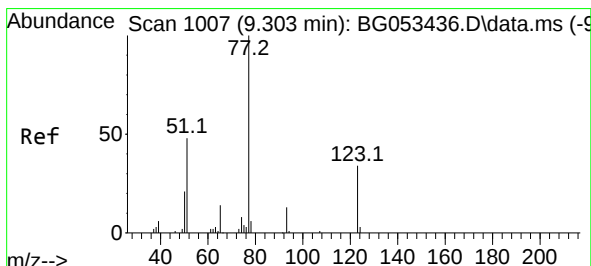
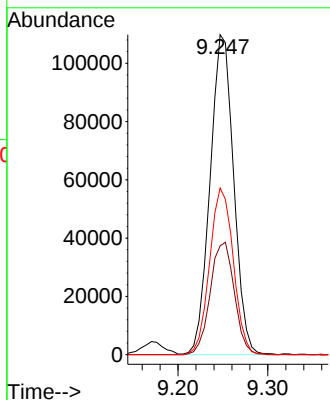
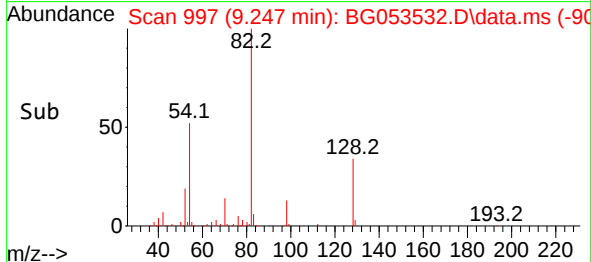
Instrument :
BNA_G
ClientSampleId :
PB144721BS



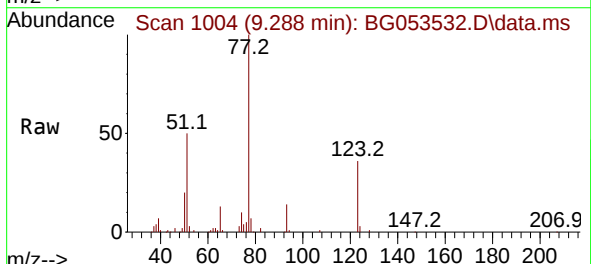
Tgt Ion: 82 Resp: 200659
Ion Ratio Lower Upper
82 100
128 34.0 27.9 41.9
54 52.1 41.2 61.8

Manual Integrations
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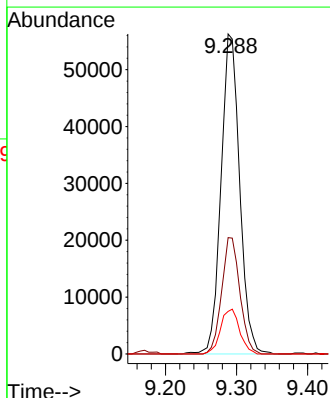
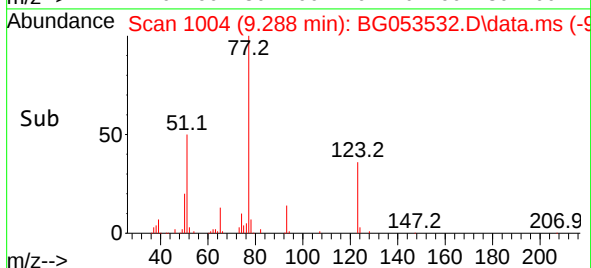
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022

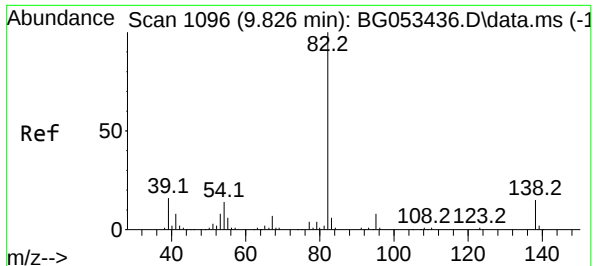


#24
Nitrobenzene
Concen: 41.742 ng
RT: 9.288 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07



Tgt Ion: 77 Resp: 102229
Ion Ratio Lower Upper
77 100
123 36.4 27.4 41.0
65 13.3 11.4 17.0





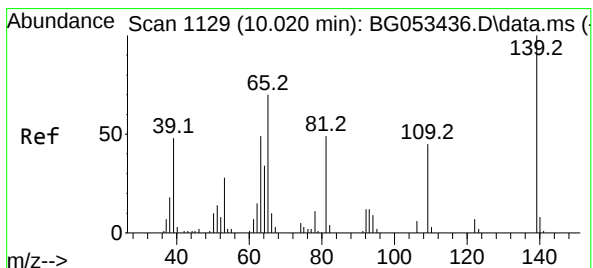
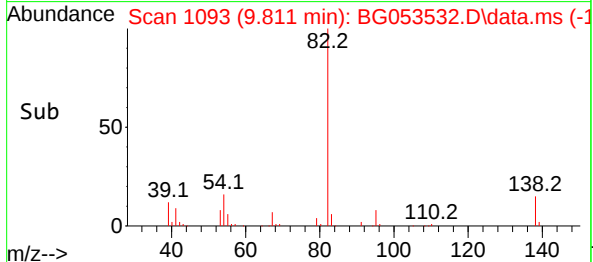
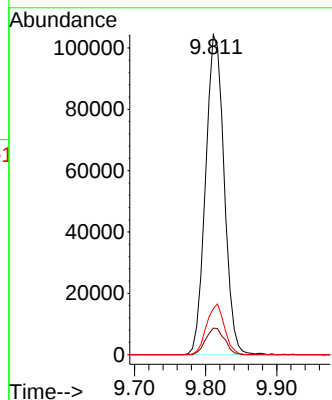
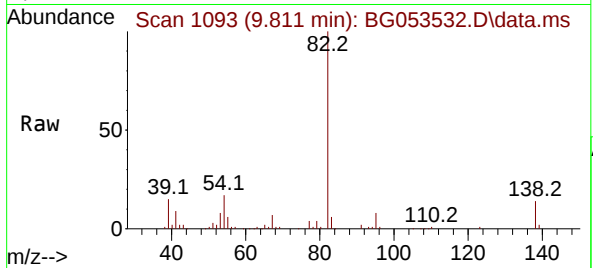
#25
Isophorone
Concen: 44.566 ng
RT: 9.811 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Instrument :
BNA_G
ClientSampleId :
PB144721BS

Tgt Ion: 82 Resp: 18978
Ion Ratio Lower Upper
82 100
95 8.3 6.2 9.4
138 14.4 11.6 17.4

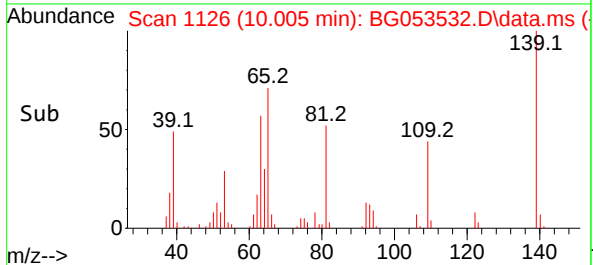
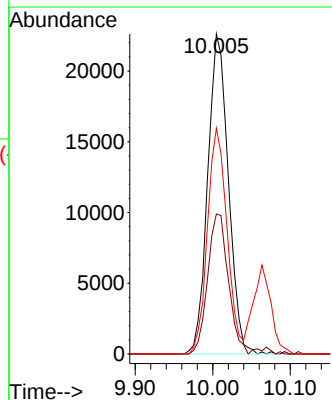
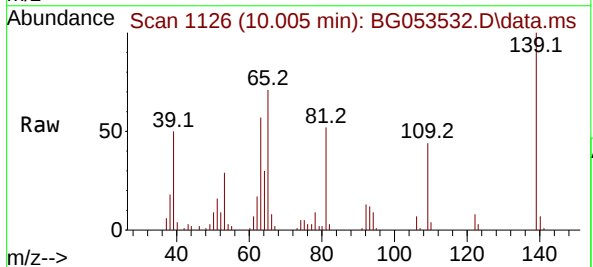
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#26
2-Nitrophenol
Concen: 42.166 ng
RT: 10.005 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

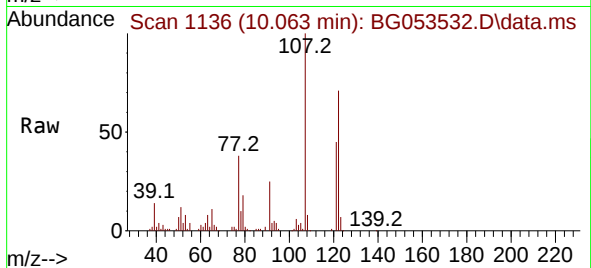
Tgt Ion:139 Resp: 41825
Ion Ratio Lower Upper
139 100
109 43.8 36.1 54.1
65 70.6 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 49.739 ng
RT: 10.063 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

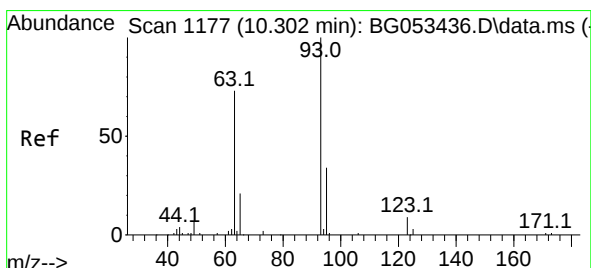
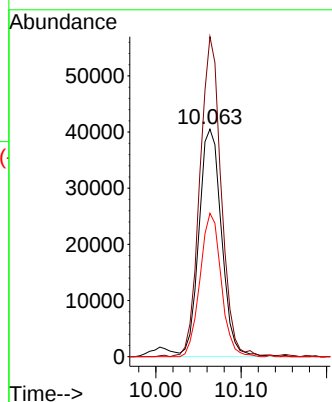
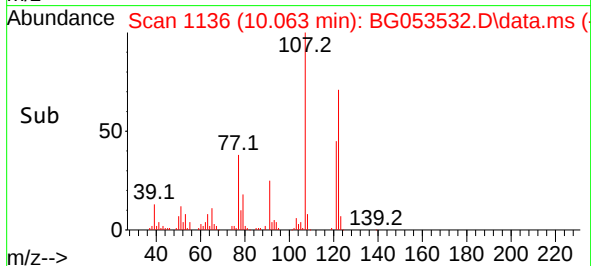
Instrument :
BNA_G
ClientSampleId :
PB144721BS



Tgt Ion: 122 Resp: 74249
Ion Ratio Lower Upper
122 100
107 140.6 109.4 164.0
121 63.0 48.7 73.1

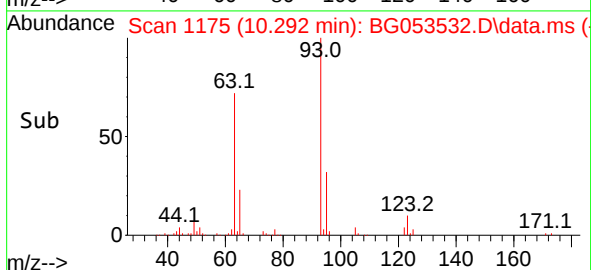
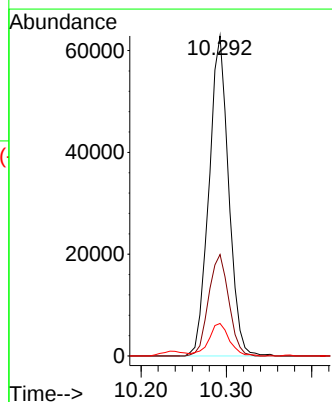
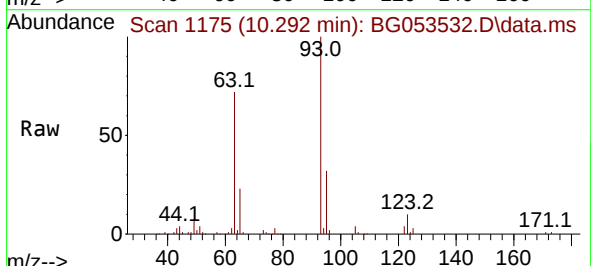
Manual Integrations
APPROVED

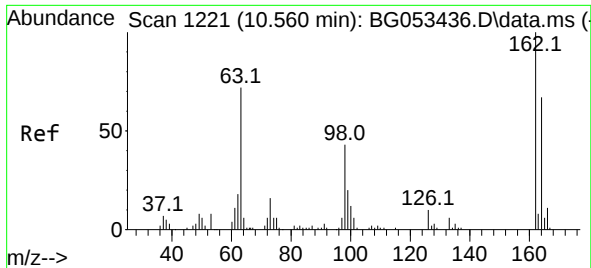
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#28
bis(2-Chloroethoxy)methane
Concen: 41.013 ng
RT: 10.292 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Tgt Ion: 93 Resp: 100450
Ion Ratio Lower Upper
93 100
95 31.7 26.9 40.3
123 10.2 7.7 11.5





#29
2,4-Dichlorophenol
Concen: 45.459 ng
RT: 10.551 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

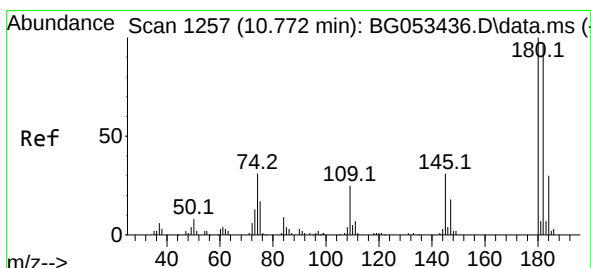
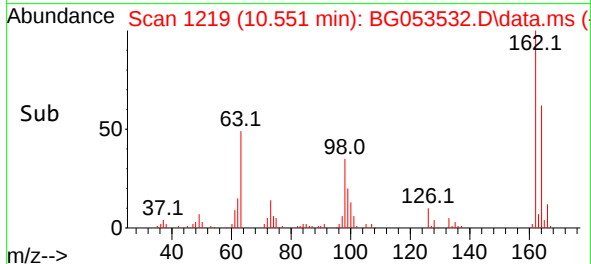
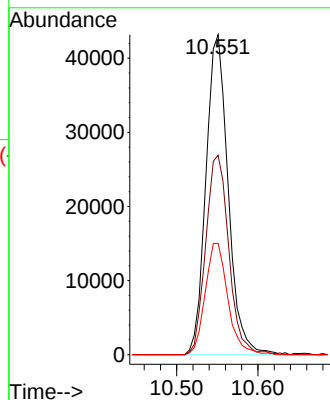
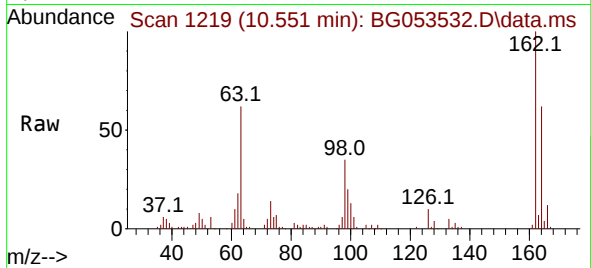
PB144721BS

Tgt Ion:162 Resp: 8190
Ion Ratio Lower Upper
162 100
164 62.3 46.6 86.6
98 34.8 22.8 62.8

Manual Integrations

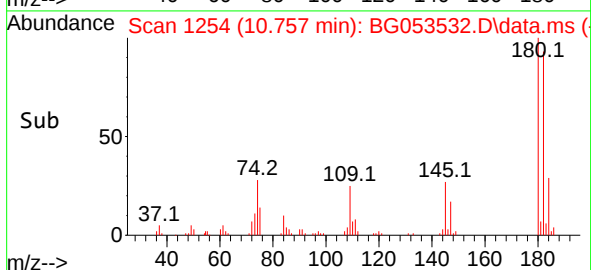
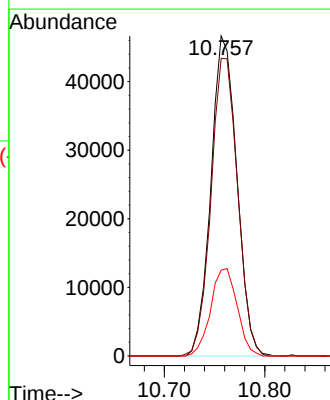
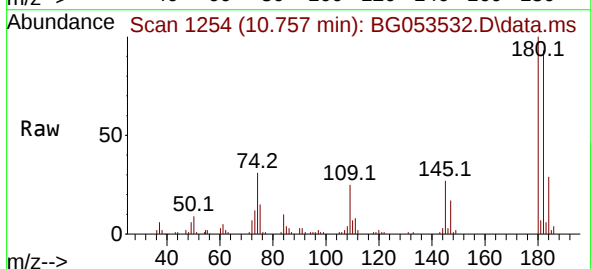
APPROVED

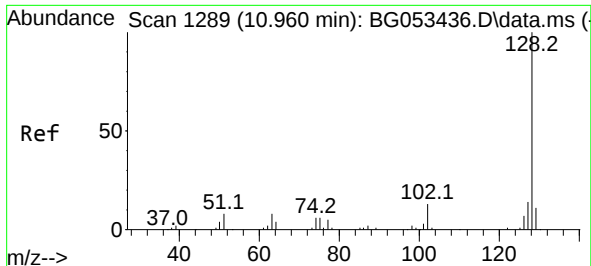
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#30
1,2,4-Trichlorobenzene
Concen: 40.822 ng
RT: 10.757 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

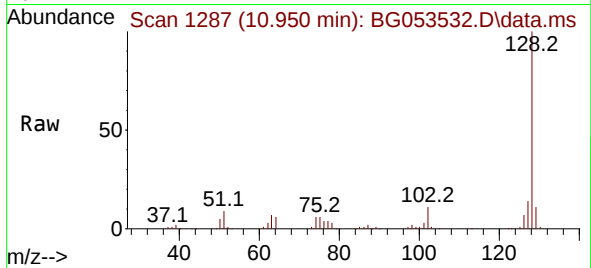
Tgt Ion:180 Resp: 83563
Ion Ratio Lower Upper
180 100
182 93.0 76.6 115.0
145 26.8 25.0 37.4





#31
Naphthalene
Concen: 40.896 ng
RT: 10.950 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

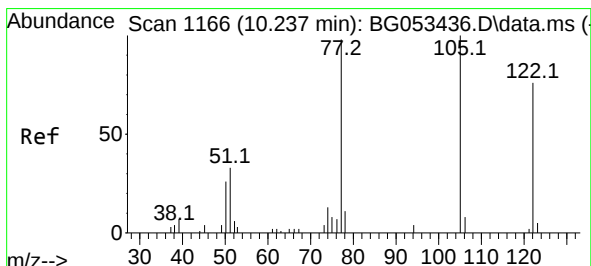
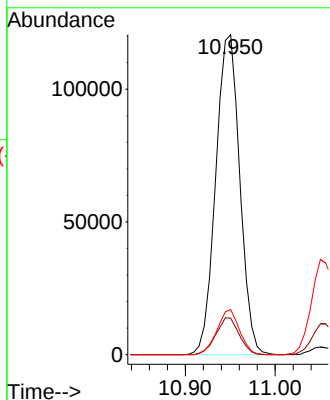
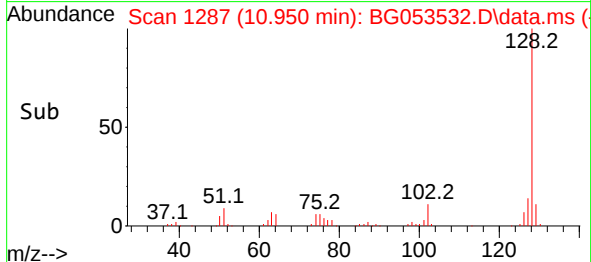
Instrument :
BNA_G
ClientSampleId :
PB144721BS



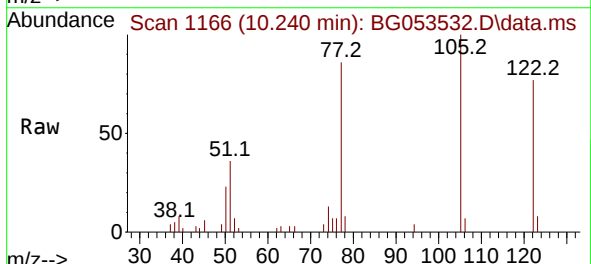
Tgt Ion:128 Resp: 224074
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 14.1 11.1 16.7

Manual Integrations
APPROVED

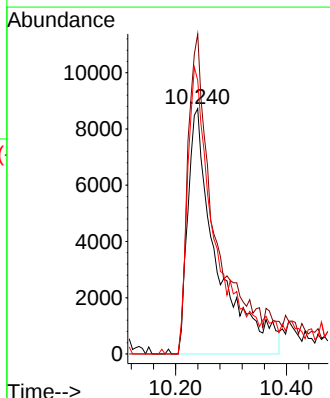
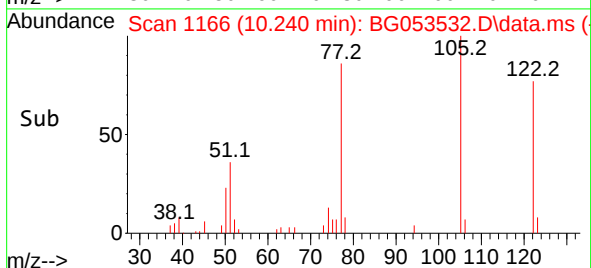
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022

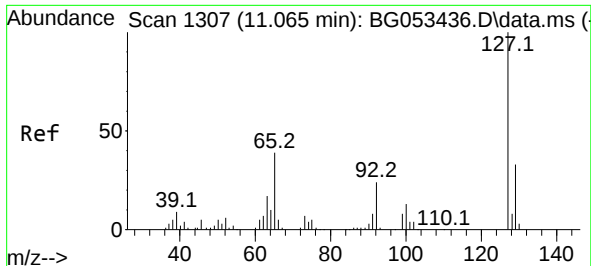


#32
Benzoic acid
Concen: 36.595 ng m
RT: 10.240 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07



Tgt Ion:122 Resp: 31862
Ion Ratio Lower Upper
122 100
105 130.4 111.8 151.8
77 111.5 109.4 149.4





#33
4-Chloroaniline
Concen: 31.114 ng
RT: 11.050 min Scan# 11050
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

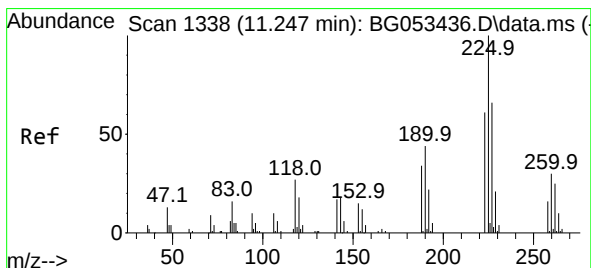
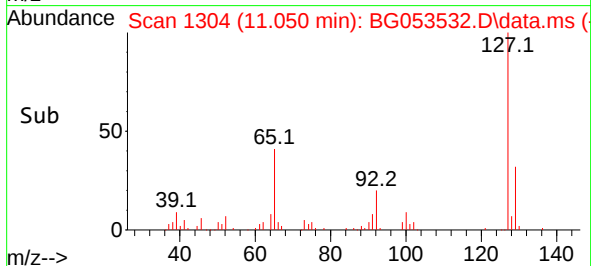
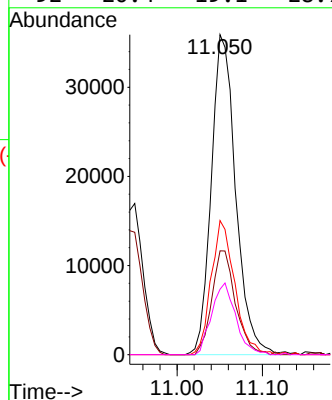
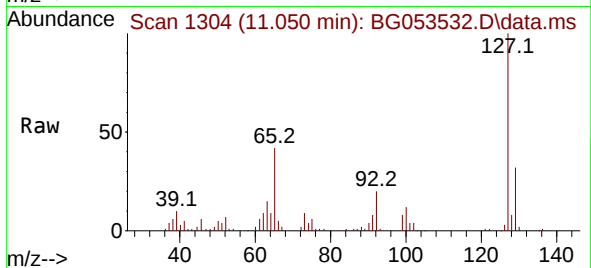
PB144721BS

Tgt Ion:127	Resp: 71390
Ion Ratio	Lower Upper
127 100	
129 32.5	26.3 39.5
65 41.9	31.1 46.7
92 20.4	19.1 28.7

Manual Integrations

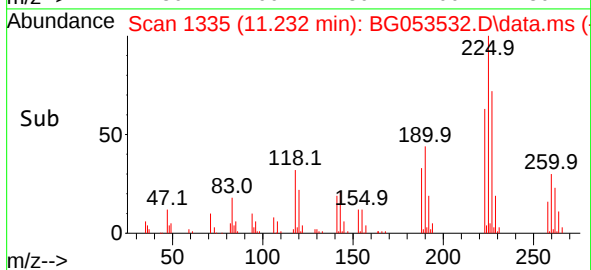
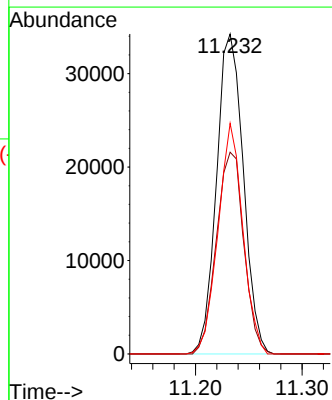
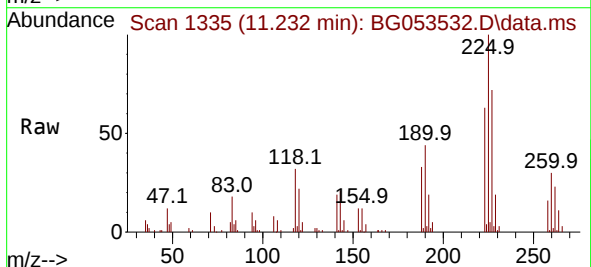
APPROVED

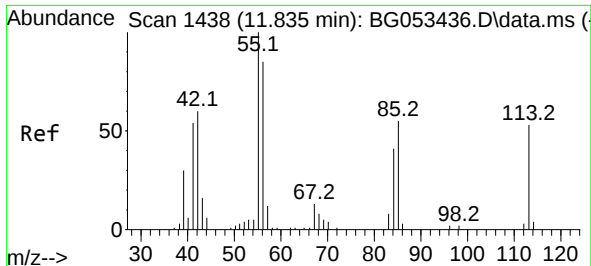
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#34
Hexachlorobutadiene
Concen: 39.373 ng
RT: 11.232 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

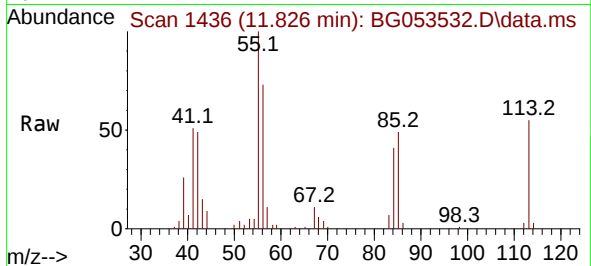
Tgt Ion:225	Resp: 59764
Ion Ratio	Lower Upper
225 100	
223 63.0	48.9 73.3
227 72.1	52.8 79.2





#35
Caprolactam
Concen: 43.637 ng m
RT: 11.826 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

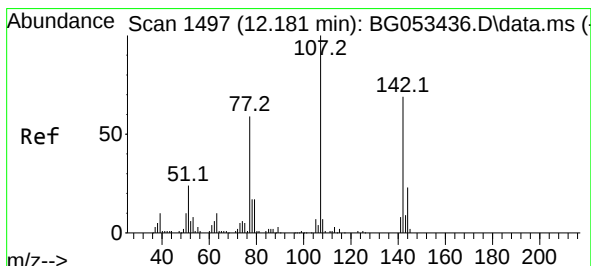
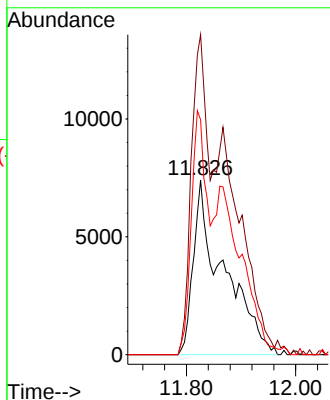
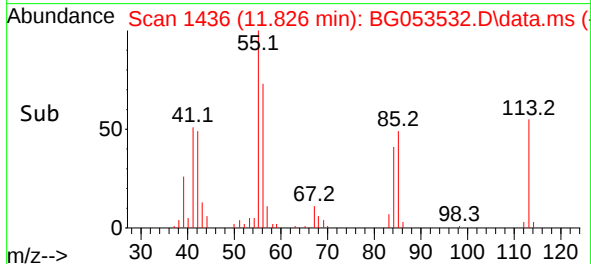
Instrument :
BNA_G
ClientSampleId :
PB144721BS



Tgt Ion:113 Resp: 28570
Ion Ratio Lower Upper
113 100
55 183.2 169.8 209.8
56 134.5 141.2 181.2

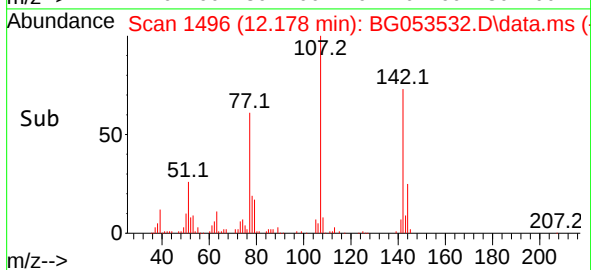
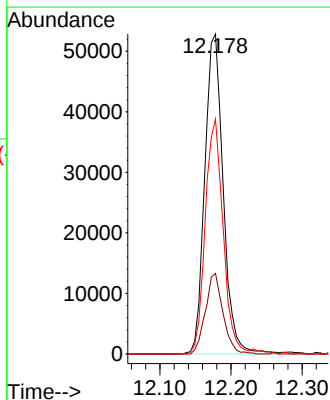
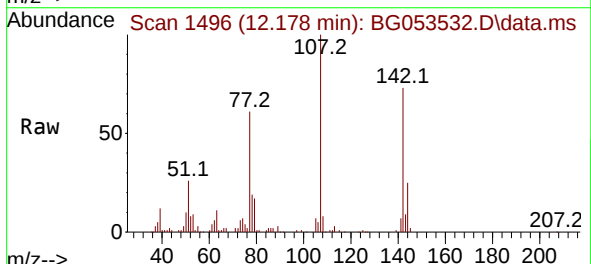
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#36
4-Chloro-3-methylphenol
Concen: 44.262 ng
RT: 12.178 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Tgt Ion:107 Resp: 95388
Ion Ratio Lower Upper
107 100
144 25.2 18.5 27.7
142 73.4 55.0 82.4





#37
2-Methylnaphthalene
Concen: 42.130 ng
RT: 12.548 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

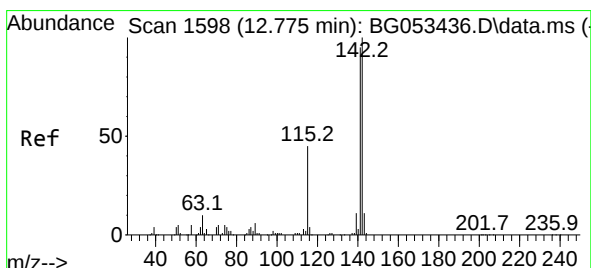
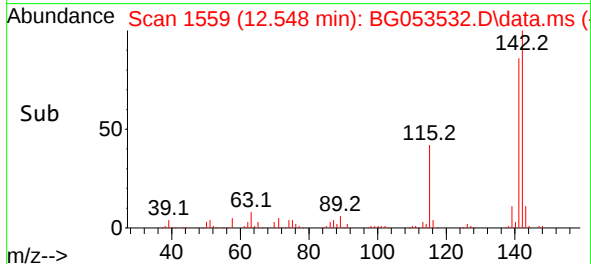
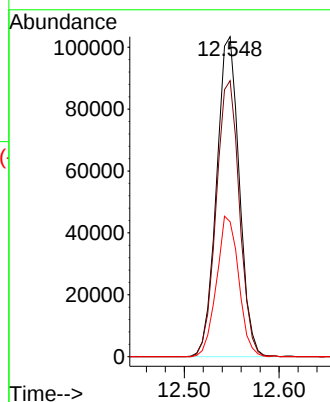
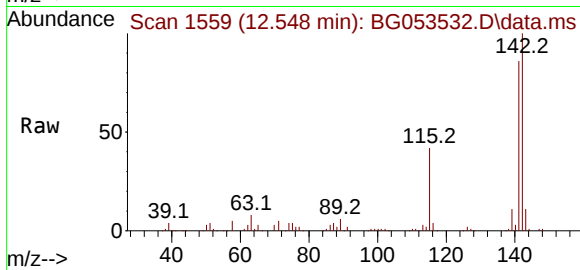
PB144721BS

Tgt Ion:142 Resp: 17226
Ion Ratio Lower Upper
142 100
141 86.3 72.3 108.5
115 42.1 33.7 50.5

Manual Integrations

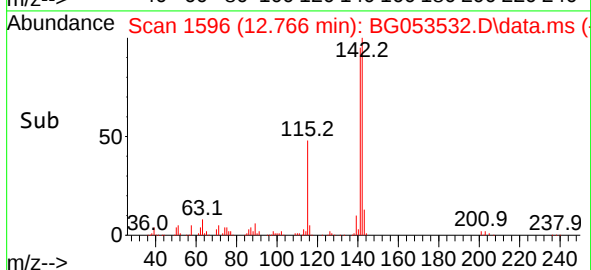
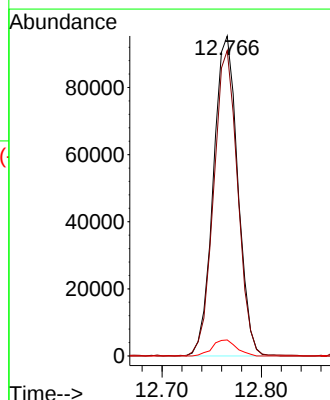
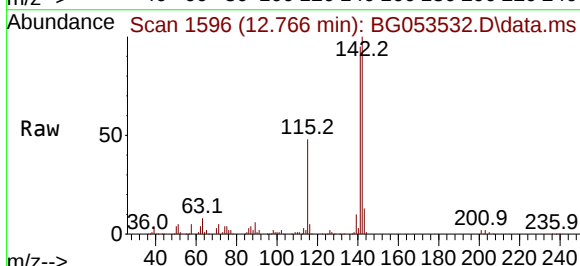
APPROVED

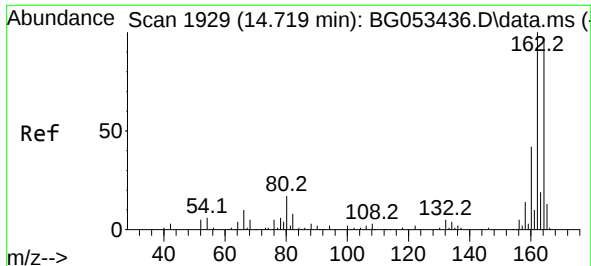
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#38
1-Methylnaphthalene
Concen: 40.739 ng m
RT: 12.766 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Tgt Ion:142 Resp: 162526
Ion Ratio Lower Upper
142 100
141 95.4 76.4 114.6
116 5.0 3.3 4.9#





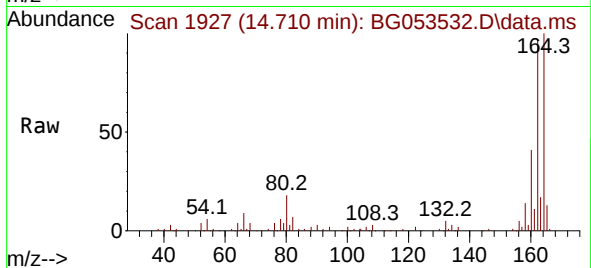
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

PB144721BS

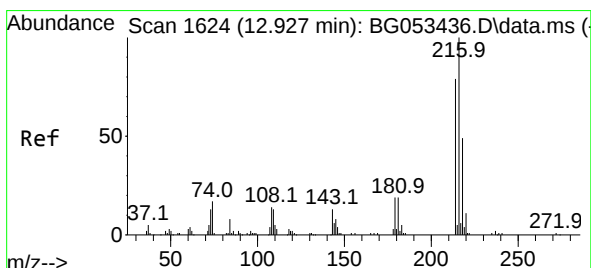
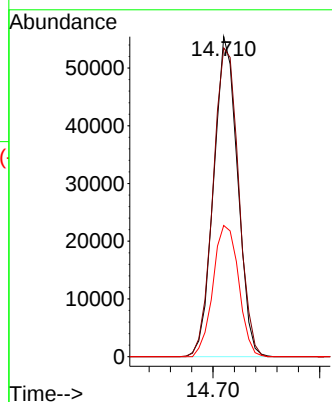
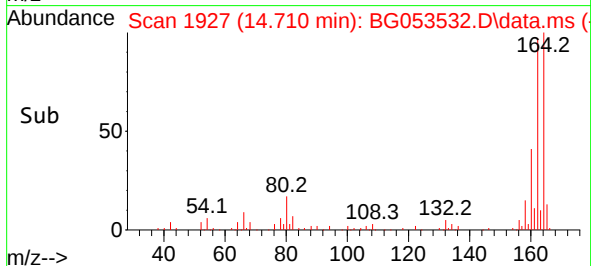


Tgt Ion:164 Resp: 86210
Ion Ratio Lower Upper
164 100
162 96.5 82.3 123.5
160 41.0 34.2 51.2

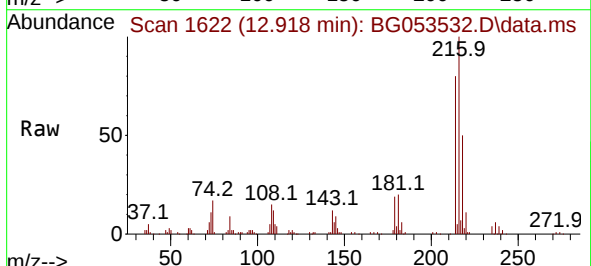
Manual Integrations

APPROVED

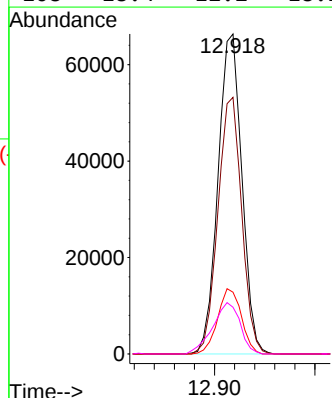
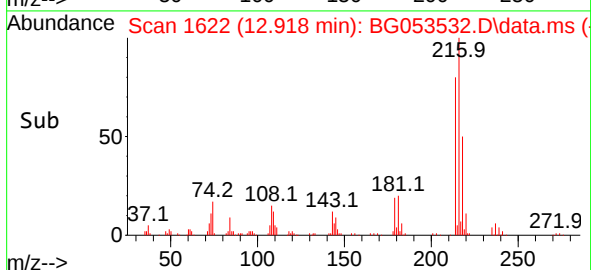
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.280 ng
RT: 12.918 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07



Tgt Ion:216 Resp: 109467
Ion Ratio Lower Upper
216 100
214 79.9 62.9 94.3
179 20.3 16.1 24.1
108 18.4 12.2 18.2#





#41
Hexachlorocyclopentadiene
Concen: 95.867 ng
RT: 12.895 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

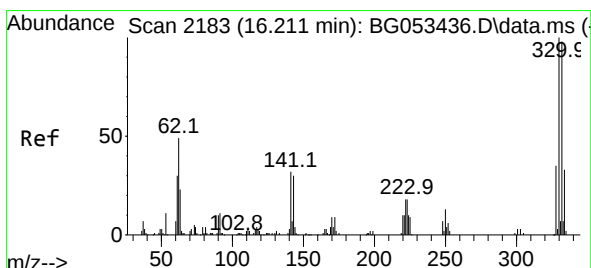
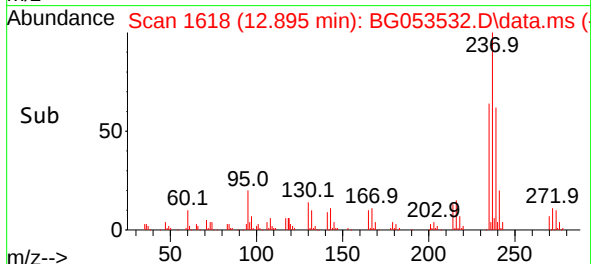
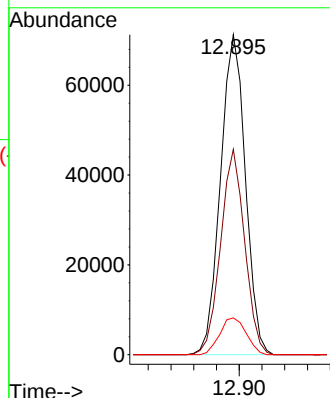
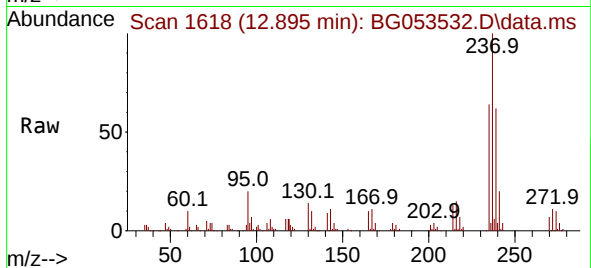
PB144721BS

Tgt Ion:237 Resp: 10830
Ion Ratio Lower Upper
237 100
235 64.1 43.5 83.5
272 11.5 0.0 30.1

Manual Integrations

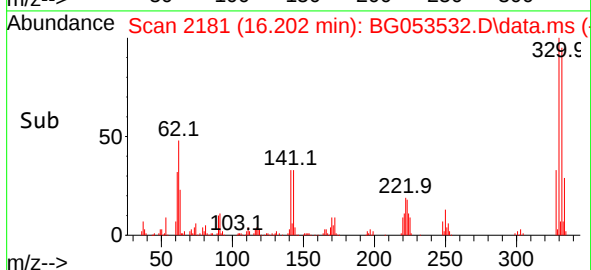
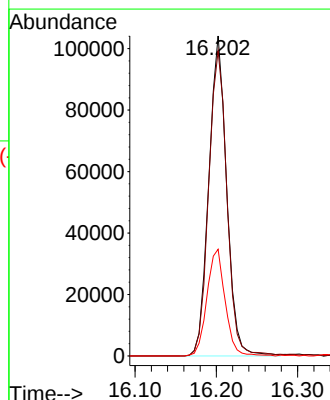
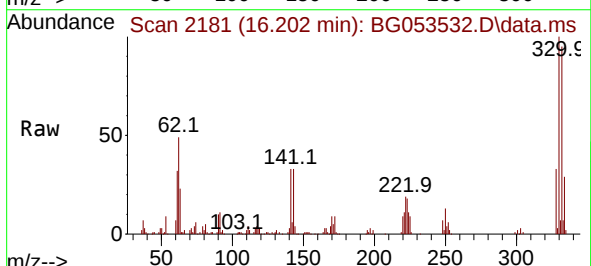
APPROVED

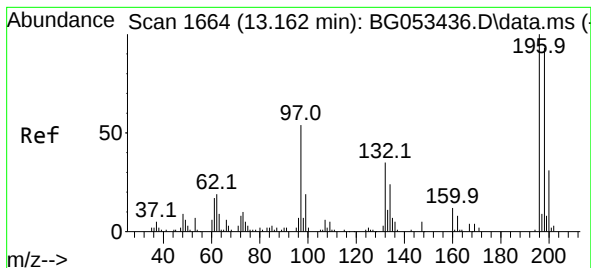
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#42
2,4,6-Tribromophenol
Concen: 125.087 ng
RT: 16.202 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Tgt Ion:330 Resp: 159059
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 33.9 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 42.478 ng

RT: 13.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG053532.D

Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

PB144721BS

Tgt Ion:196 Resp: 7535

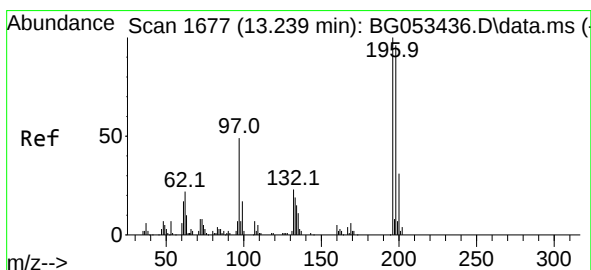
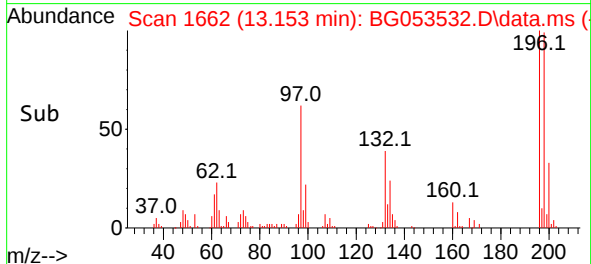
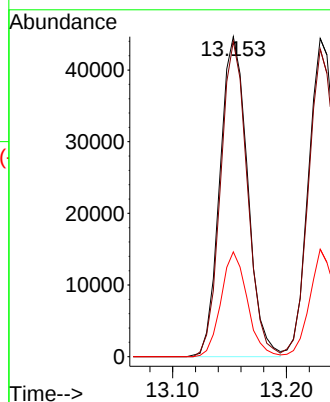
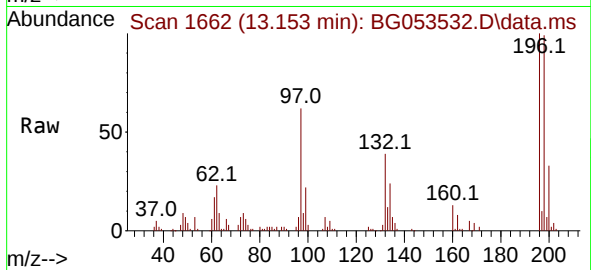
Ion	Ratio	Lower	Upper
196	100		
198	98.5	74.1	111.1
200	32.7	24.7	37.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/13/2022

Supervised By :Jagrut Upadhyay 05/13/2022



#44

2,4,5-Trichlorophenol

Concen: 42.778 ng

RT: 13.230 min Scan# 1675

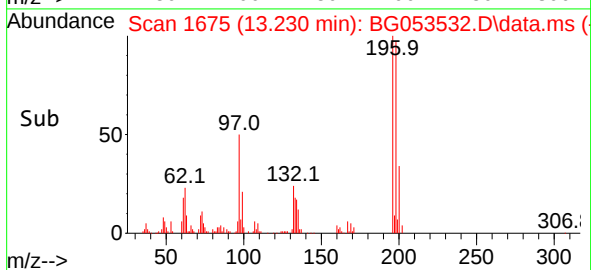
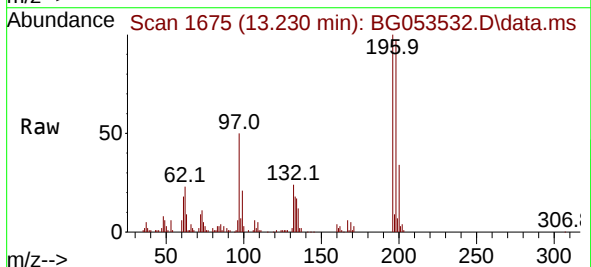
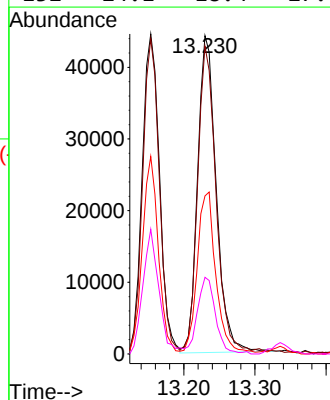
Delta R.T. -0.006 min

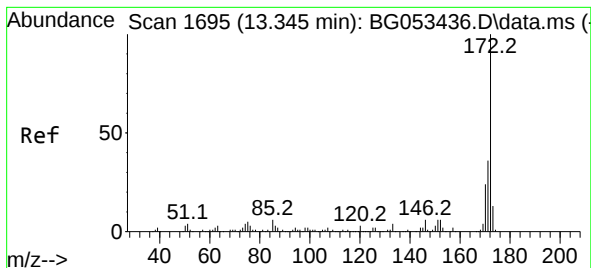
Lab File: BG053532.D

Acq: 12 May 2022 16:07

Tgt Ion:196 Resp: 80764

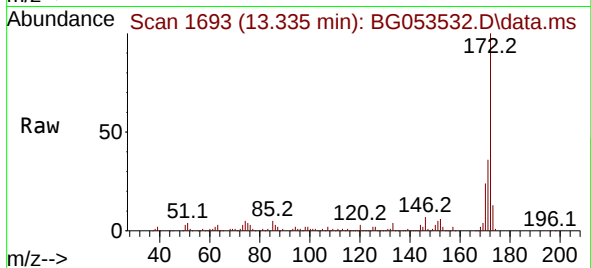
Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.8	115.2
97	49.7	39.8	59.6
132	24.1	18.4	27.6





#45
2-Fluorobiphenyl
Concen: 79.601 ng
RT: 13.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

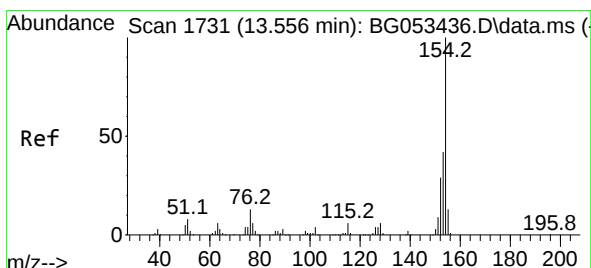
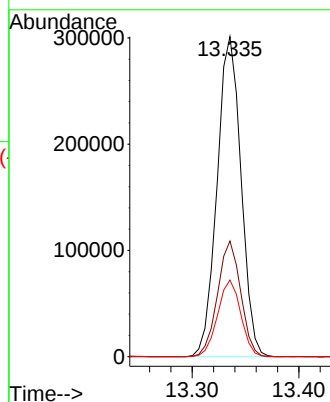
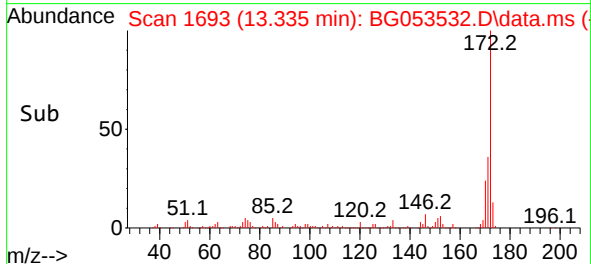
Instrument :
BNA_G
ClientSampleId :
PB144721BS



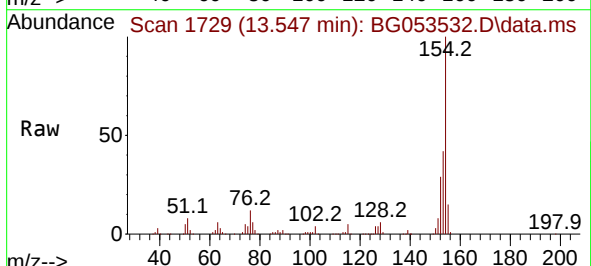
Tgt Ion:172 Resp: 469640
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.9 18.9 28.3

Manual Integrations
APPROVED

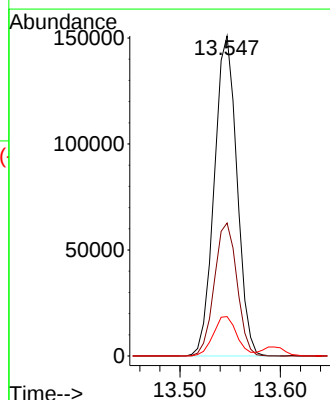
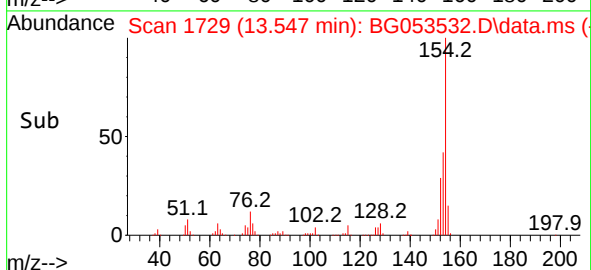
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022

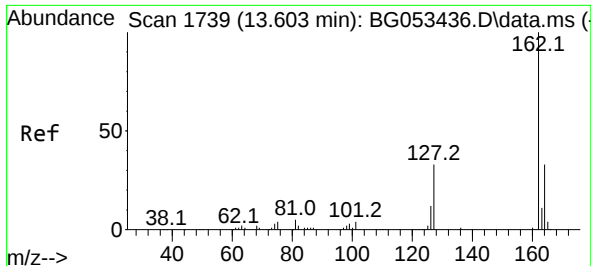


#46
1,1'-Biphenyl
Concen: 40.246 ng
RT: 13.547 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07



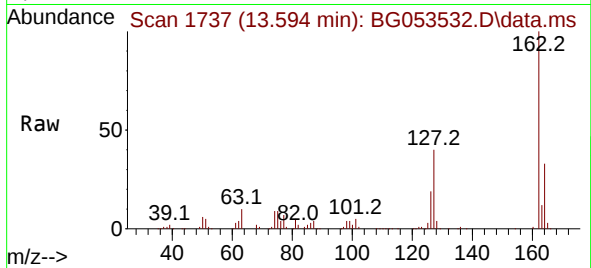
Tgt Ion:154 Resp: 236520
Ion Ratio Lower Upper
154 100
153 41.5 21.6 61.6
76 12.3 0.0 32.6





#47
2-Chloronaphthalene
Concen: 40.394 ng
RT: 13.594 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

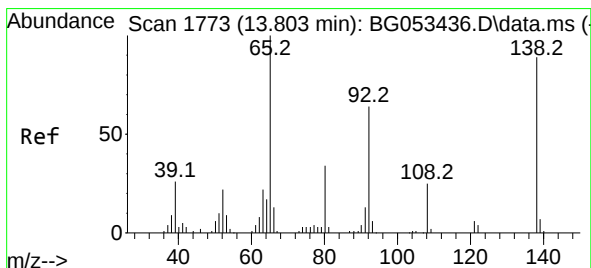
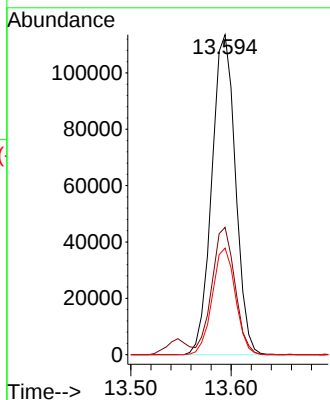
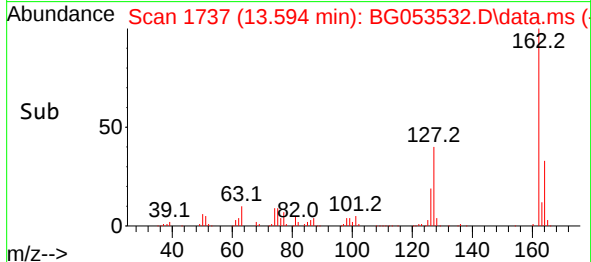
Instrument :
BNA_G
ClientSampleId :
PB144721BS



Tgt Ion:162 Resp: 185980
Ion Ratio Lower Upper
162 100
127 39.8 30.6 45.8
164 33.3 26.5 39.7

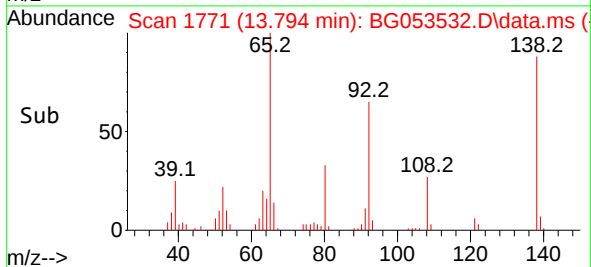
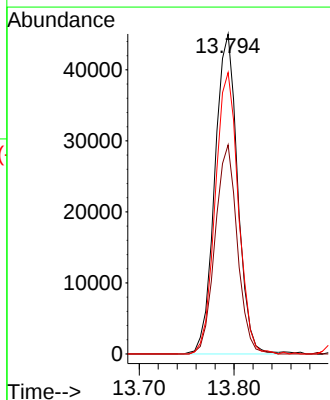
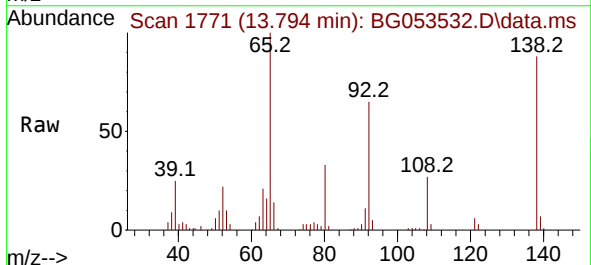
Manual Integrations
APPROVED

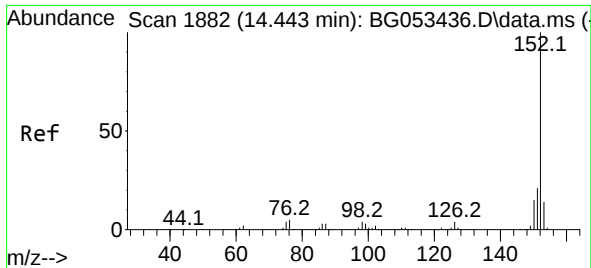
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#48
2-Nitroaniline
Concen: 43.869 ng
RT: 13.794 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Tgt Ion: 65 Resp: 75264
Ion Ratio Lower Upper
65 100
92 65.4 51.5 77.3
138 87.9 71.3 106.9





#49
Acenaphthylene
Concen: 43.954 ng
RT: 14.434 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Instrument :

BNA_G

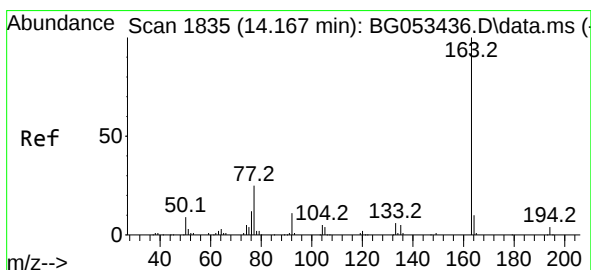
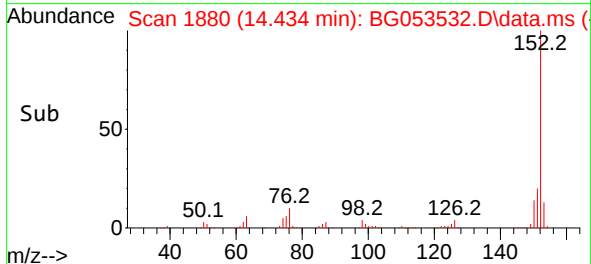
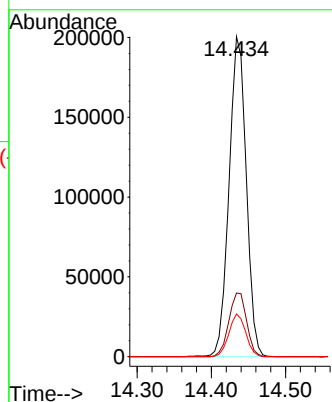
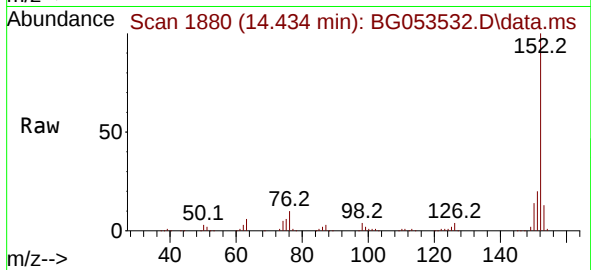
ClientSampleId :

PB144721BS

Tgt Ion:152 Resp: 32294
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.3 10.8 16.2

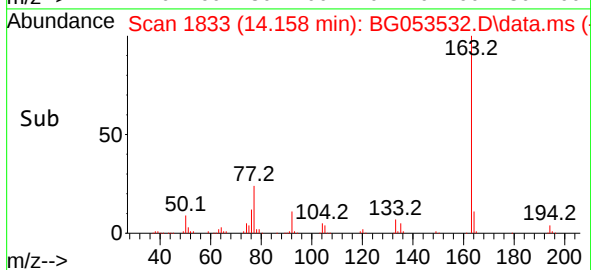
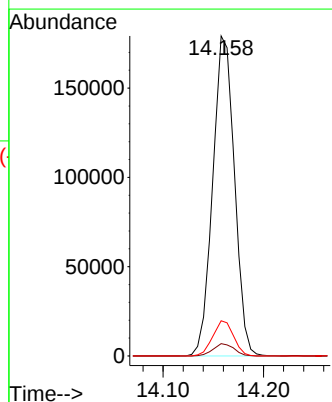
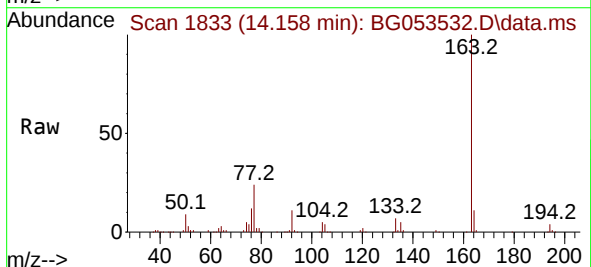
Manual Integrations
APPROVED

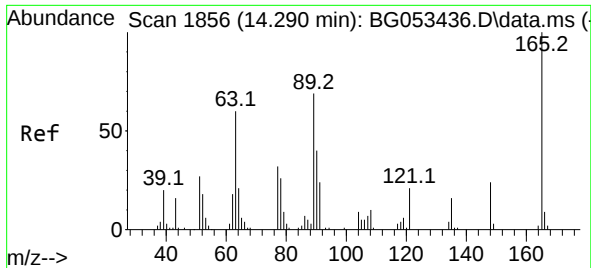
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#50
Dimethylphthalate
Concen: 41.183 ng
RT: 14.158 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Tgt Ion:163 Resp: 269815
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 11.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 44.462 ng
RT: 14.281 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

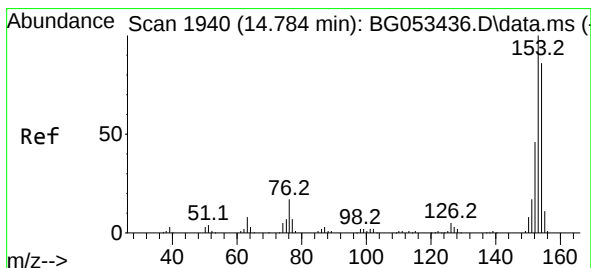
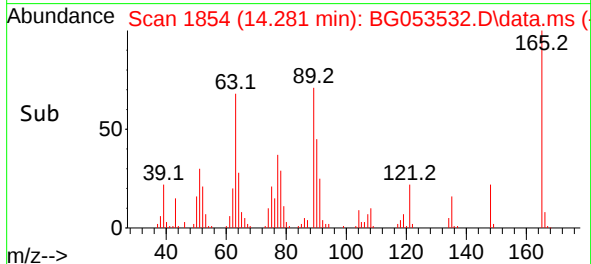
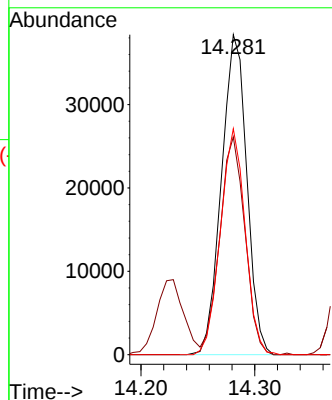
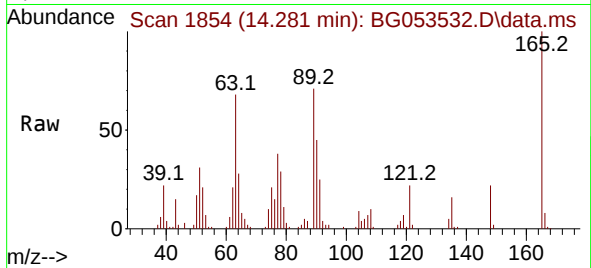
PB144721BS

Tgt Ion:165 Resp: 5934
Ion Ratio Lower Upper
165 100
63 68.0 54.1 81.1
89 70.6 54.8 82.2

Manual Integrations

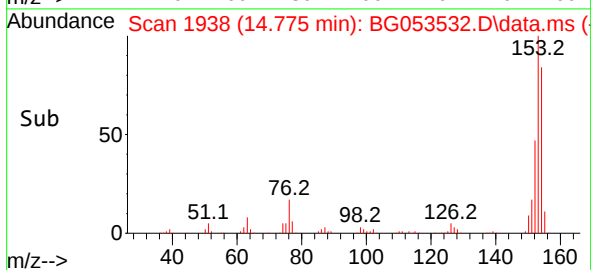
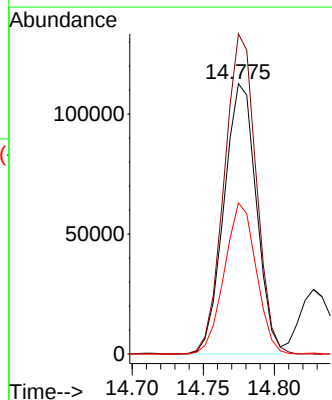
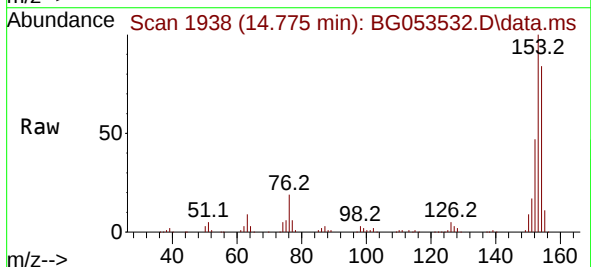
APPROVED

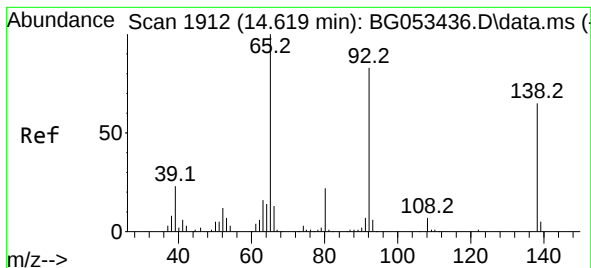
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#52
Acenaphthene
Concen: 40.868 ng
RT: 14.775 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

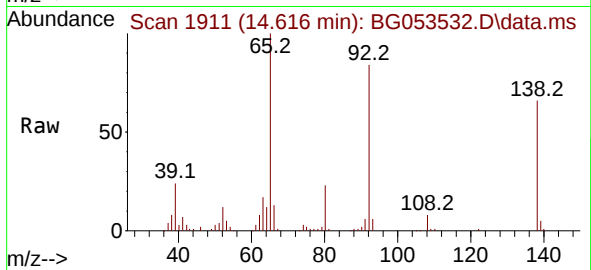
Tgt Ion:154 Resp: 178944
Ion Ratio Lower Upper
154 100
153 118.4 92.7 139.1
152 55.9 42.6 64.0





#53
3-Nitroaniline
Concen: 33.626 ng
RT: 14.616 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

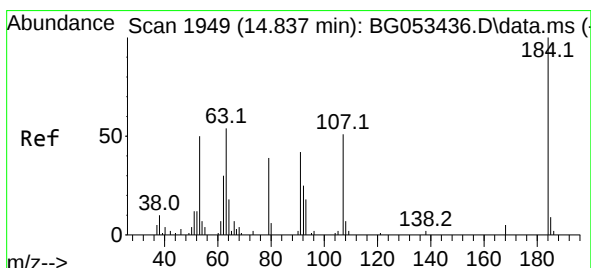
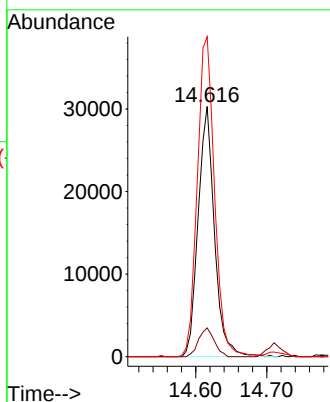
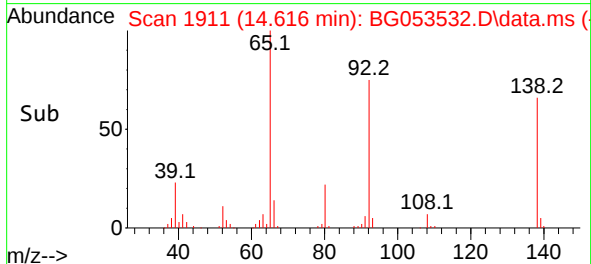
Instrument :
BNA_G
ClientSampleId :
PB144721BS



Tgt Ion:138 Resp: 4849
Ion Ratio Lower Upper
138 100
108 11.5 9.2 13.8
92 127.9 101.9 152.9

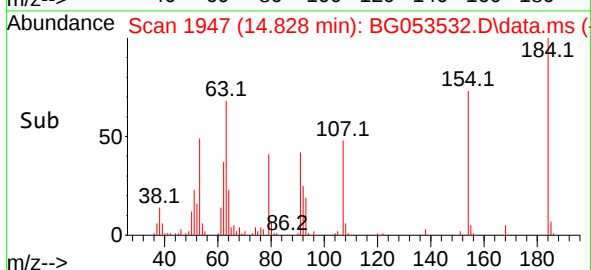
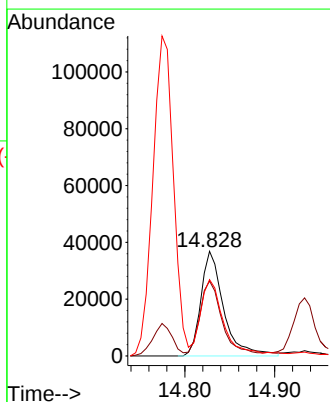
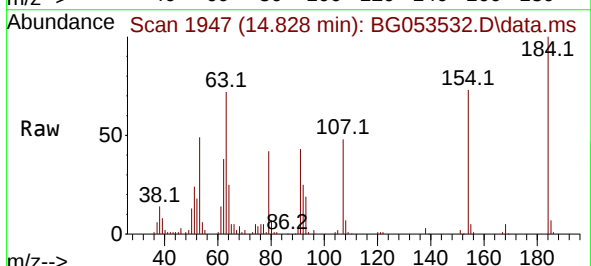
Manual Integrations
APPROVED

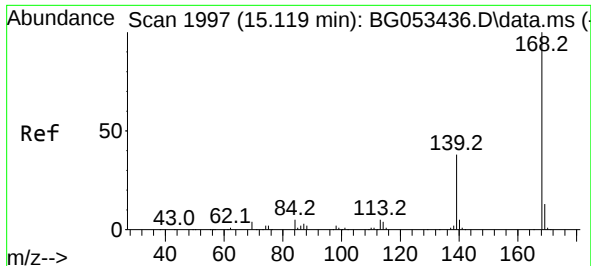
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#54
2,4-Dinitrophenol
Concen: 76.838 ng
RT: 14.828 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

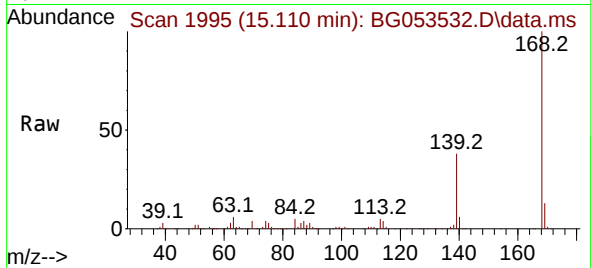
Tgt Ion:184 Resp: 64876
Ion Ratio Lower Upper
184 100
63 71.6 61.1 91.7
154 73.0 60.6 91.0





#55
Dibenzofuran
Concen: 40.199 ng
RT: 15.110 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

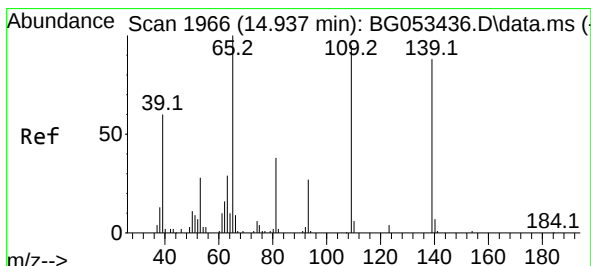
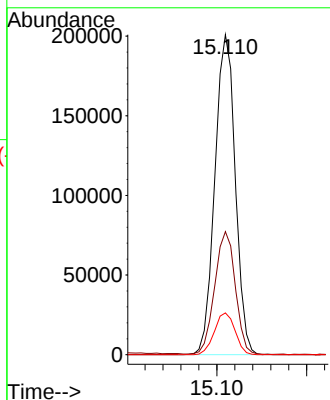
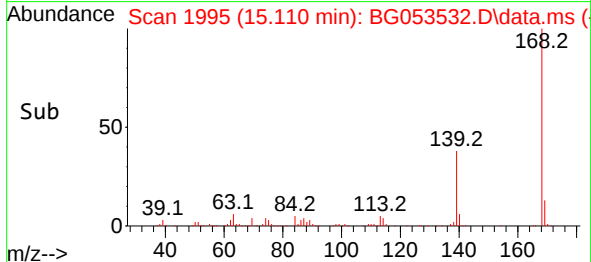
Instrument :
BNA_G
ClientSampleId :
PB144721BS



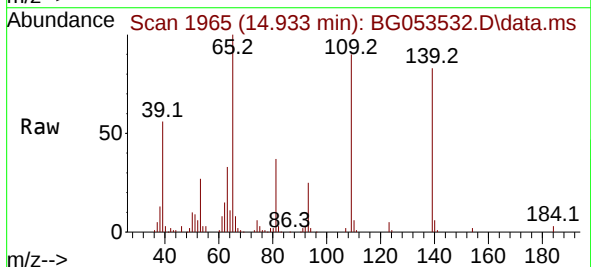
Tgt Ion:168 Resp: 31616
Ion Ratio Lower Upper
168 100
139 38.4 30.5 45.7
169 13.0 10.3 15.5

Manual Integrations
APPROVED

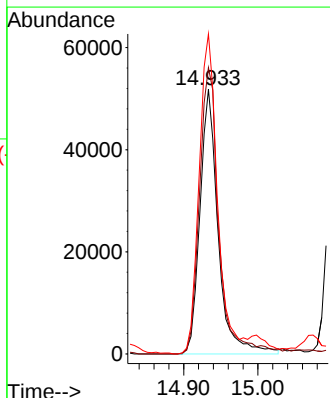
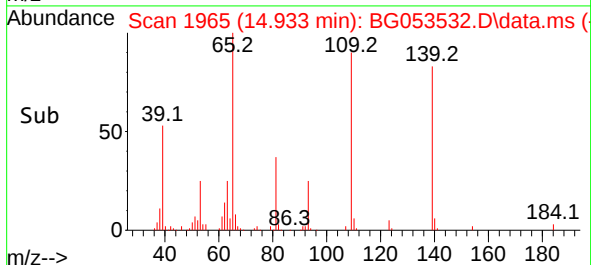
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022

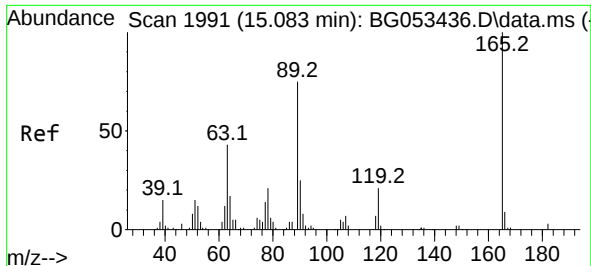


#56
4-Nitrophenol
Concen: 85.732 ng
RT: 14.933 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07



Tgt Ion:139 Resp: 88312
Ion Ratio Lower Upper
139 100
109 108.3 88.5 128.5
65 121.0 93.9 133.9





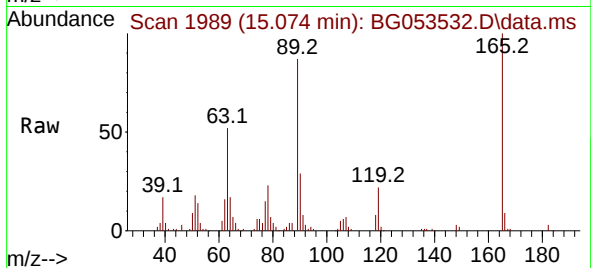
#57
2,4-Dinitrotoluene
Concen: 43.321 ng
RT: 15.074 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

PB144721BS

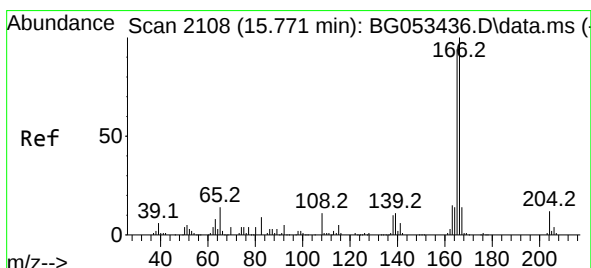
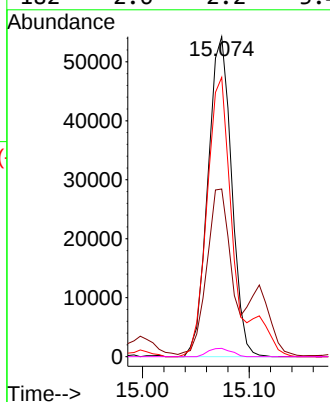
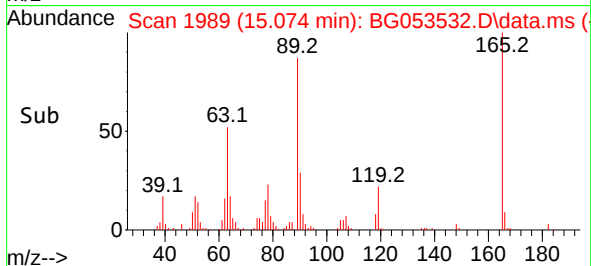


Tgt Ion:165 Resp: 83815
Ion Ratio Lower Upper
165 100
63 52.4 34.6 52.0
89 87.3 60.3 90.5
182 2.6 2.2 3.4

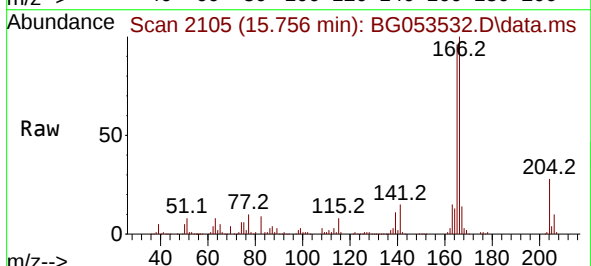
Manual Integrations

APPROVED

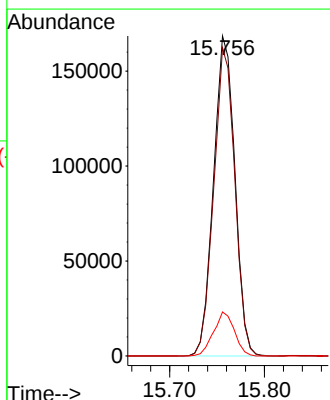
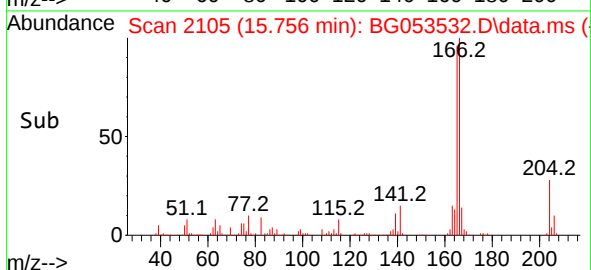
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#58
Fluorene
Concen: 41.823 ng
RT: 15.756 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07



Tgt Ion:166 Resp: 263962
Ion Ratio Lower Upper
166 100
165 96.3 75.0 112.6
167 13.8 10.8 16.2





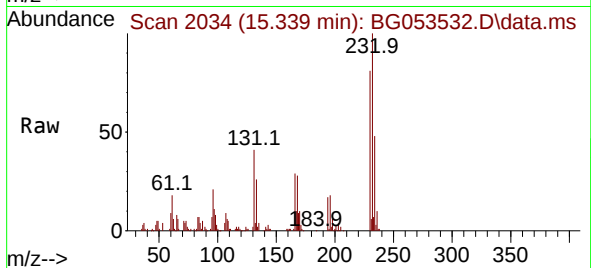
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.929 ng
RT: 15.339 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

PB144721BS

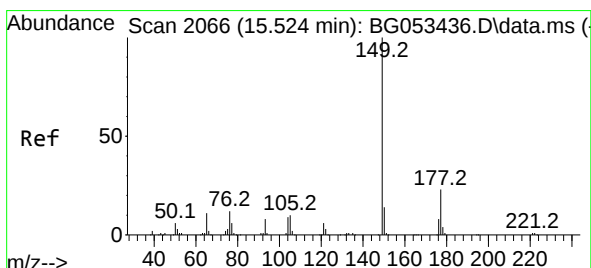
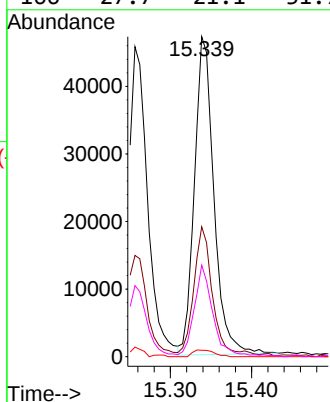
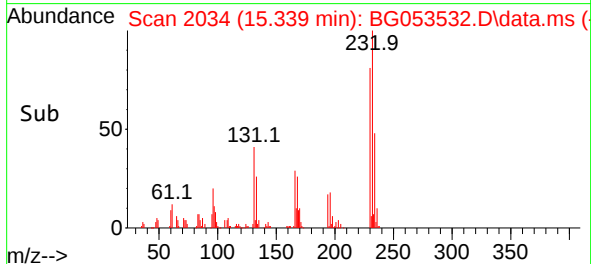


Tgt Ion:232 Resp: 78404
Ion Ratio Lower Upper
232 100
131 38.2 30.6 46.0
130 2.3 1.8 2.8
166 27.7 21.1 31.7

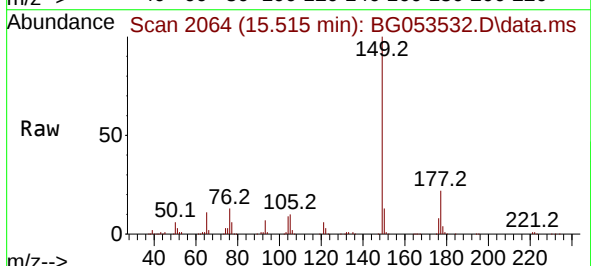
Manual Integrations

APPROVED

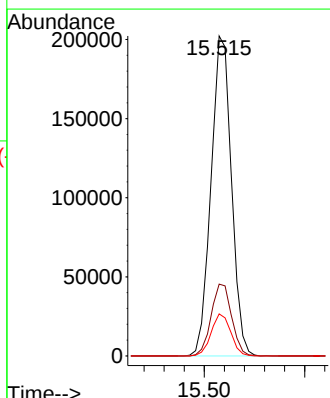
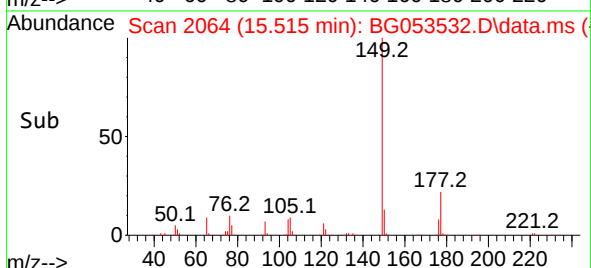
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022

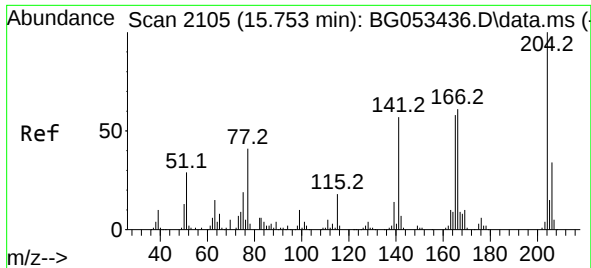


#60
Diethylphthalate
Concen: 42.215 ng
RT: 15.515 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07



Tgt Ion:149 Resp: 285694
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 13.1 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 41.678 ng
RT: 15.744 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

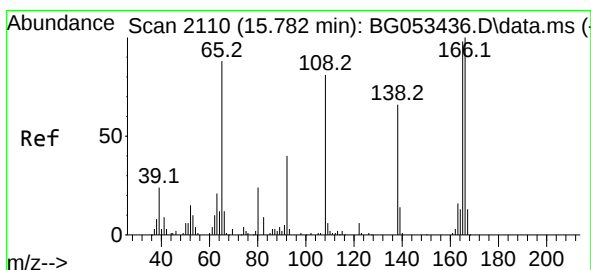
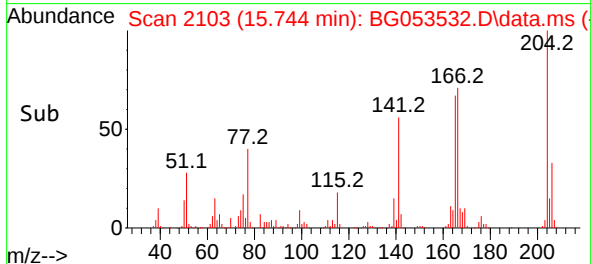
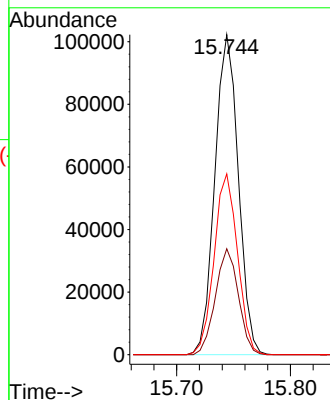
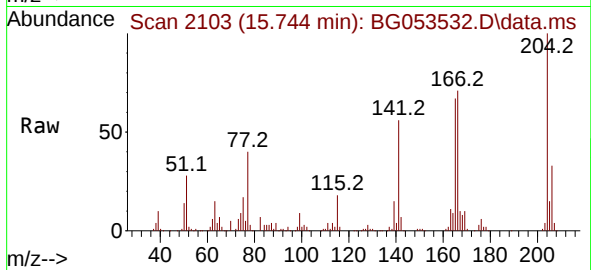
PB144721BS

Tgt Ion:204 Resp: 146784
Ion Ratio Lower Upper
204 100
206 33.1 27.5 41.3
141 56.5 45.3 67.9

Manual Integrations

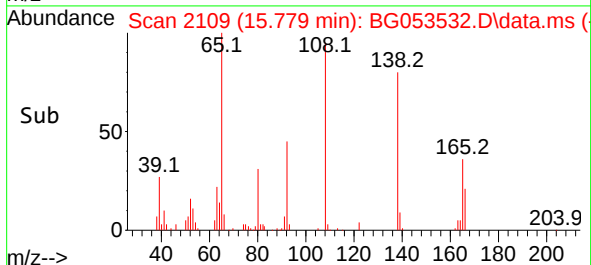
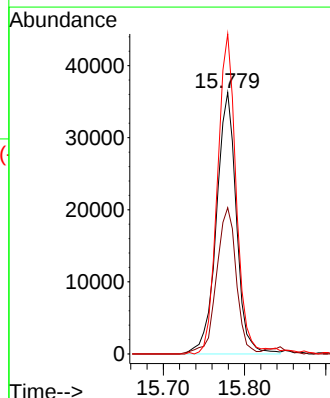
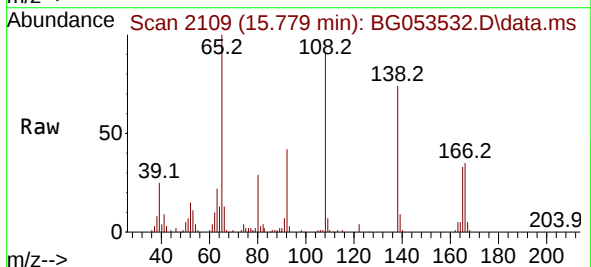
APPROVED

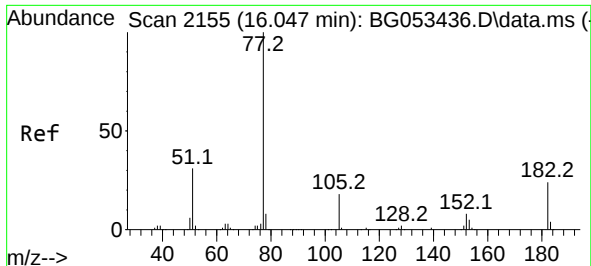
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#62
4-Nitroaniline
Concen: 41.418 ng
RT: 15.779 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Tgt Ion:138 Resp: 61955
Ion Ratio Lower Upper
138 100
92 55.9 40.5 80.5
108 122.4 103.7 143.7





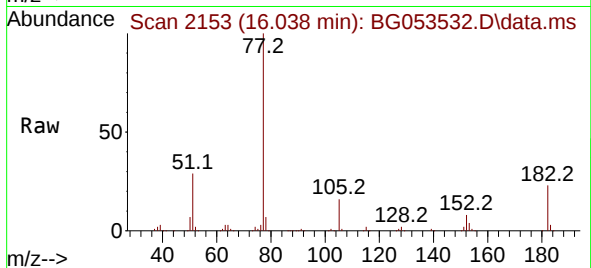
#63
Azobenzene
Concen: 41.417 ng
RT: 16.038 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

PB144721BS

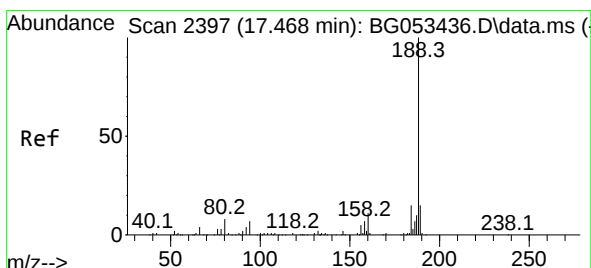
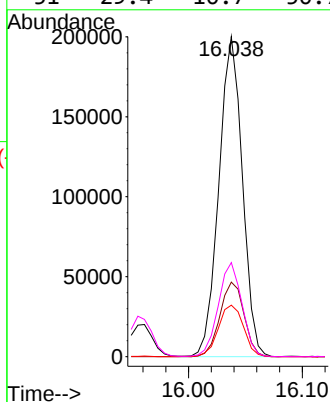
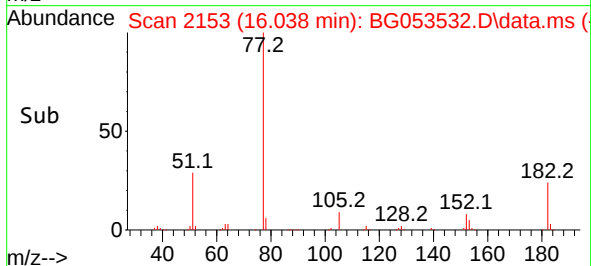


Tgt Ion: 77 Resp: 28702
Ion Ratio Lower Upper
77 100
182 23.3 3.8 43.8
105 16.1 0.0 37.8
51 29.4 10.7 50.7

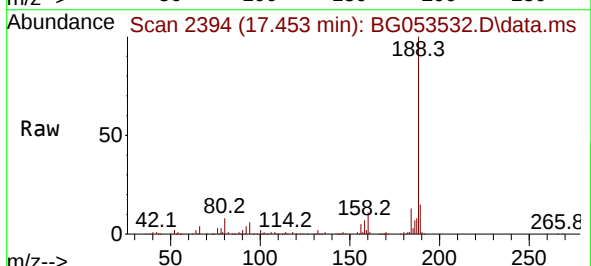
Manual Integrations

APPROVED

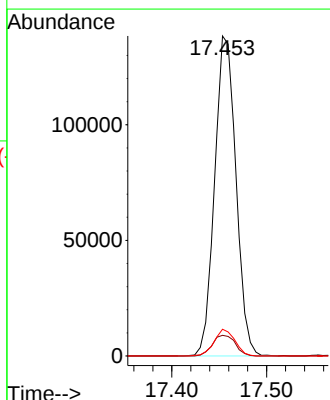
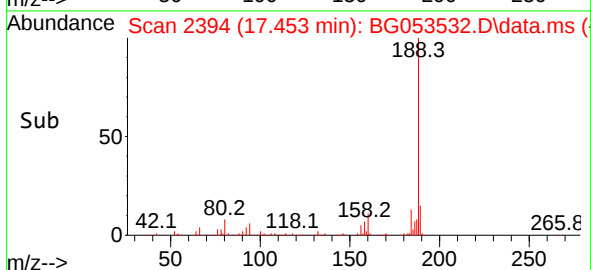
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022

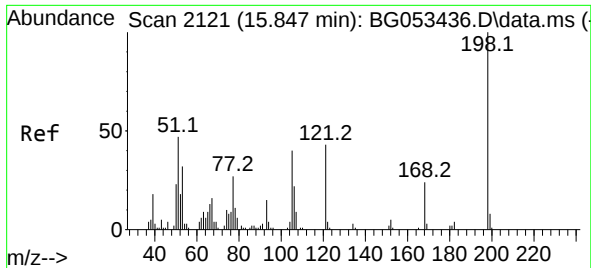


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.453 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07



Tgt Ion:188 Resp: 216372
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 8.4 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 38.619 ng
RT: 15.838 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

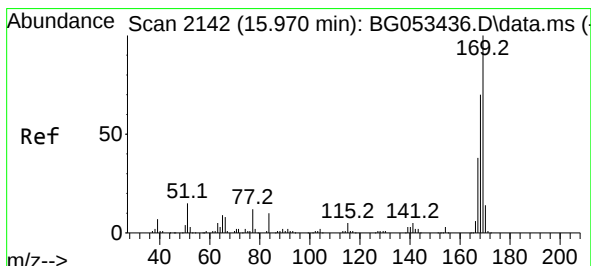
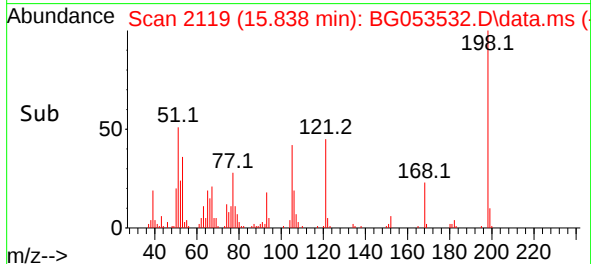
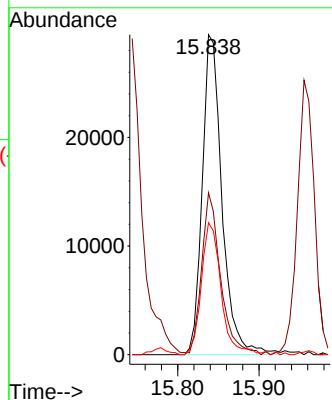
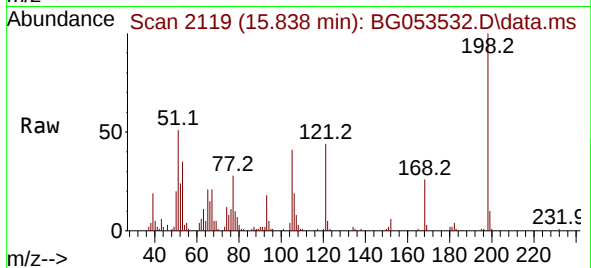
PB144721BS

Tgt Ion:198 Resp: 49792
Ion Ratio Lower Upper
198 100
51 50.6 28.1 68.1
105 41.3 20.3 60.3

Manual Integrations

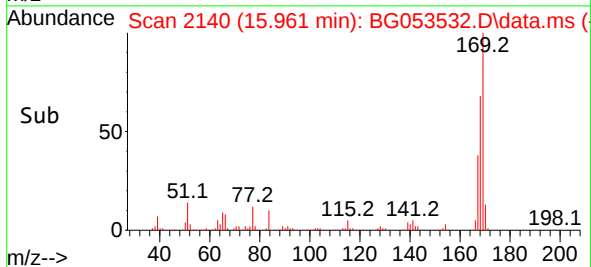
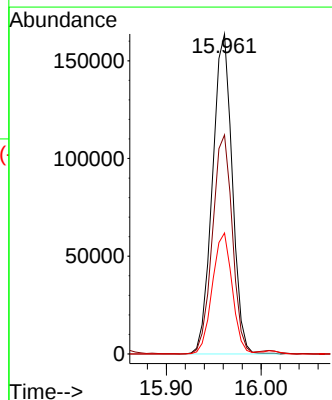
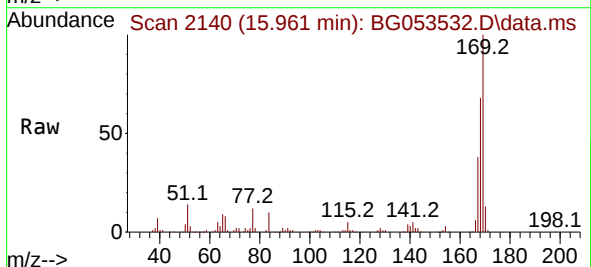
APPROVED

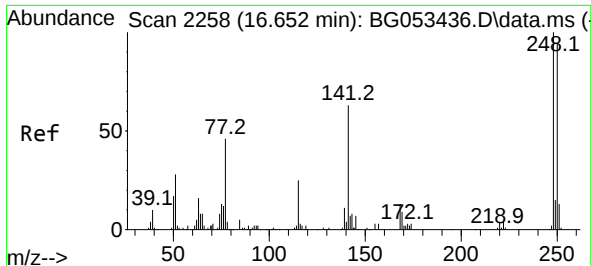
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#66
n-Nitrosodiphenylamine
Concen: 41.724 ng
RT: 15.961 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

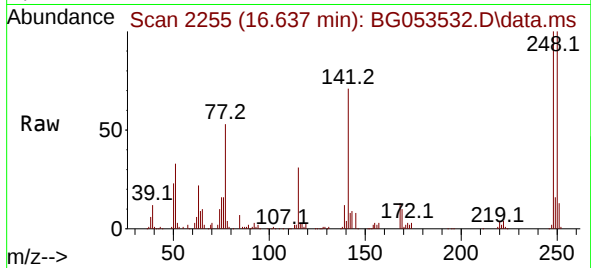
Tgt Ion:169 Resp: 237028
Ion Ratio Lower Upper
169 100
168 68.4 55.9 83.9
167 37.8 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 41.730 ng
RT: 16.637 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

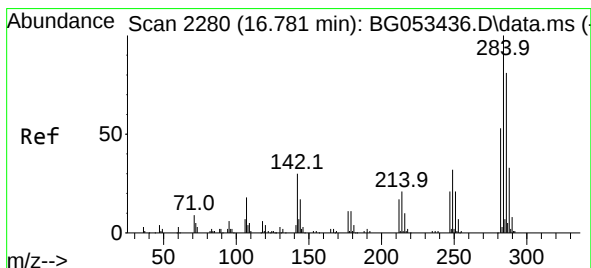
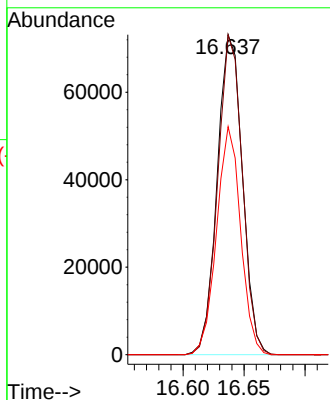
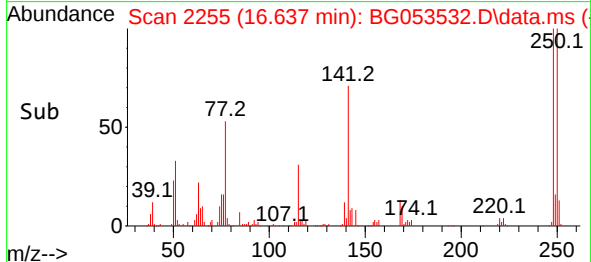
Instrument :
BNA_G
ClientSampleId :
PB144721BS



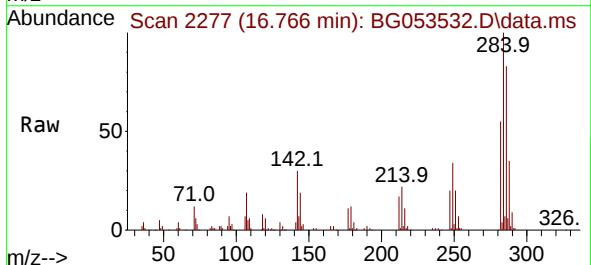
Tgt Ion:248 Resp: 105450
Ion Ratio Lower Upper
248 100
250 99.9 75.2 112.8
141 71.3 50.0 75.0

Manual Integrations
APPROVED

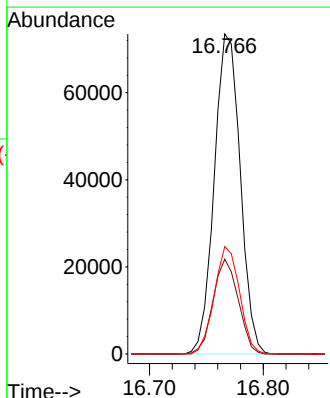
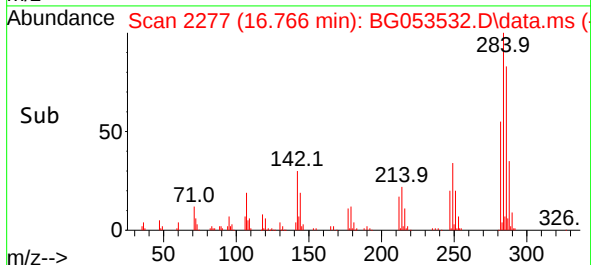
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#68
Hexachlorobenzene
Concen: 42.110 ng
RT: 16.766 min Scan# 2277
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07



Tgt Ion:284 Resp: 116540
Ion Ratio Lower Upper
284 100
142 29.6 23.6 35.4
249 33.6 25.8 38.6





#69

Atrazine

Concen: 43.420 ng

RT: 16.901 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG053532.D

Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

PB144721BS

Tgt Ion:200 Resp: 10384

Ion Ratio Lower Upper

200 100

173 23.0 3.7 43.7

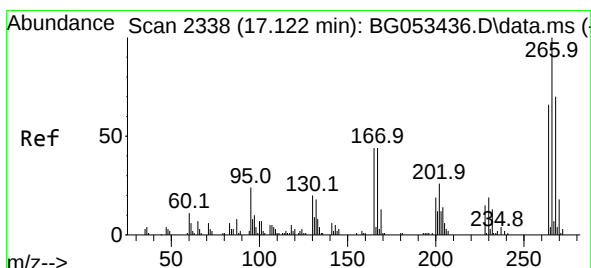
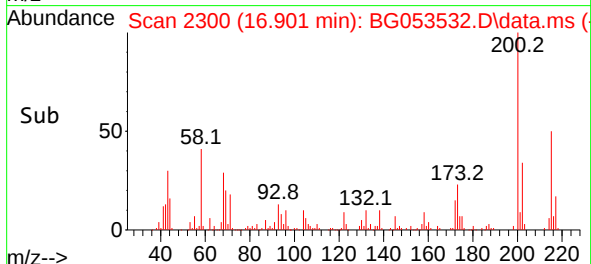
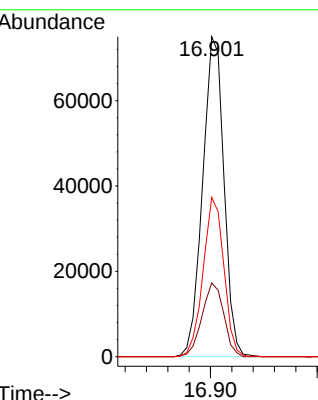
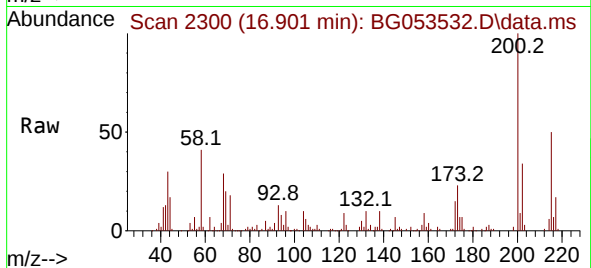
215 49.8 25.2 65.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/13/2022

Supervised By :Jagrut Upadhyay 05/13/2022



#70

Pentachlorophenol

Concen: 74.578 ng

RT: 17.113 min Scan# 2336

Delta R.T. -0.006 min

Lab File: BG053532.D

Acq: 12 May 2022 16:07

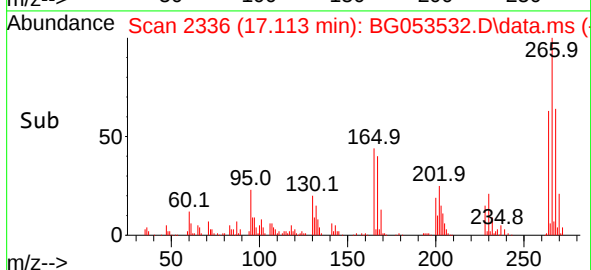
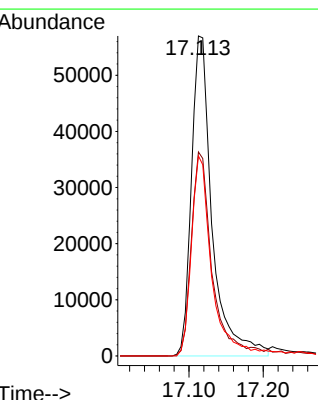
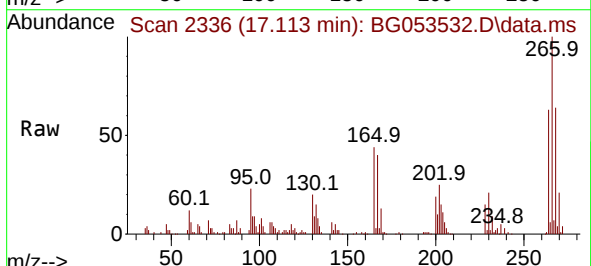
Tgt Ion:266 Resp: 110652

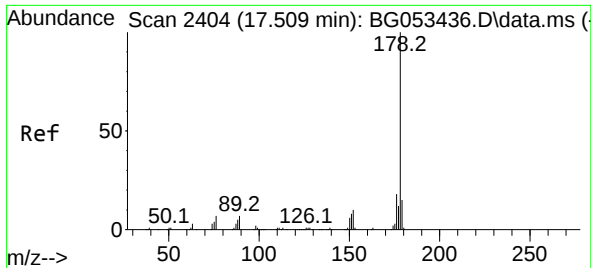
Ion Ratio Lower Upper

266 100

268 63.8 56.2 84.2

264 62.5 53.0 79.4





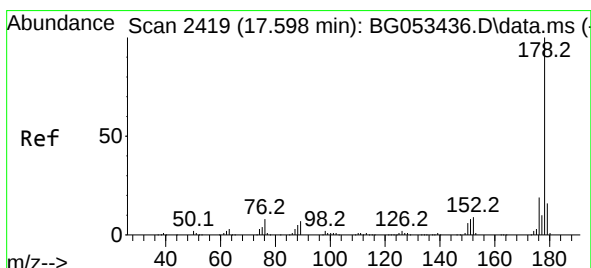
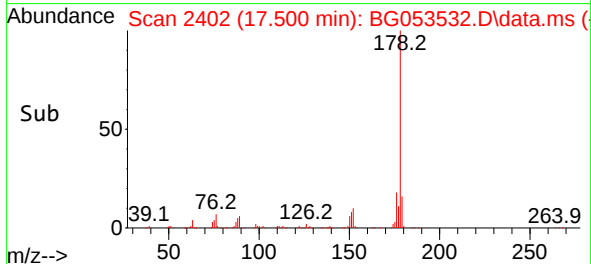
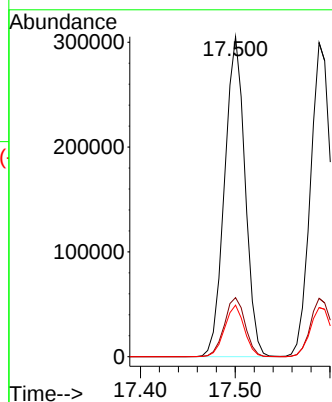
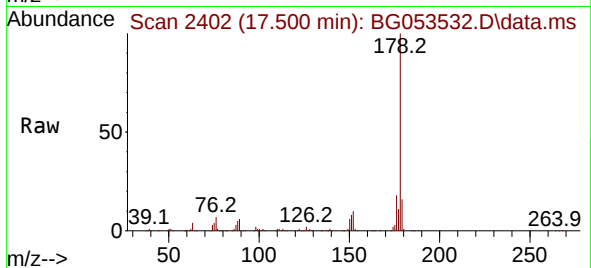
#71
Phenanthrene
Concen: 41.494 ng
RT: 17.500 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Instrument :
BNA_G
ClientSampleId :
PB144721BS

Tgt Ion:178 Resp: 456529
Ion Ratio Lower Upper
178 100
176 18.4 14.1 21.1
179 16.1 12.1 18.1

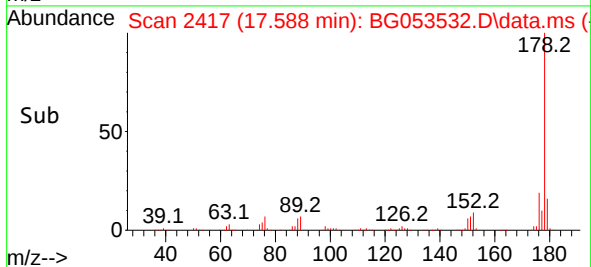
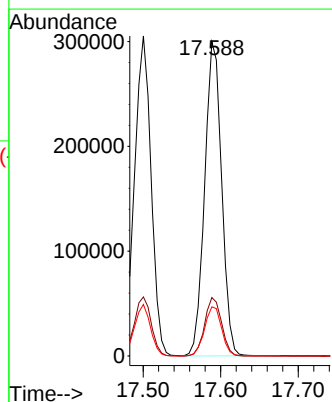
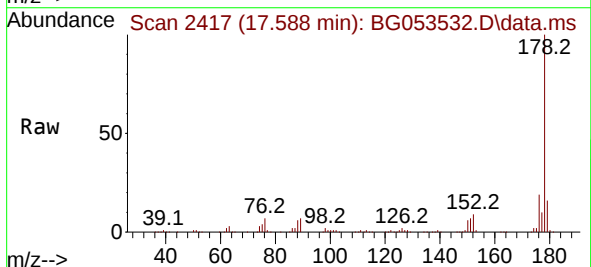
Manual Integrations
APPROVED

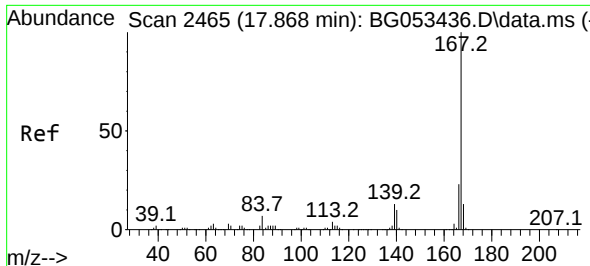
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#72
Anthracene
Concen: 42.230 ng
RT: 17.588 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

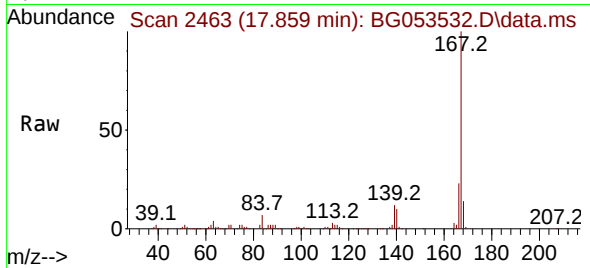
Tgt Ion:178 Resp: 456676
Ion Ratio Lower Upper
178 100
176 18.6 15.2 22.8
179 15.6 13.0 19.4





#73
Carbazole
Concen: 39.214 ng
RT: 17.859 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

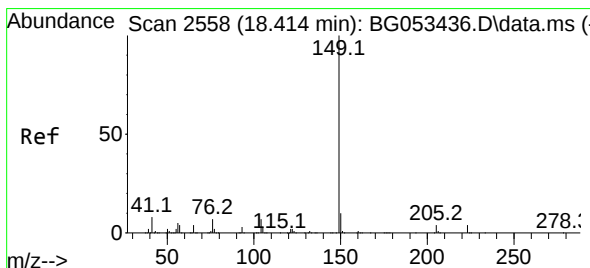
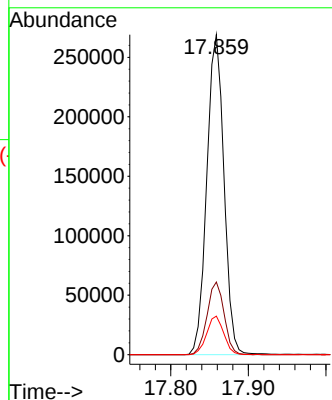
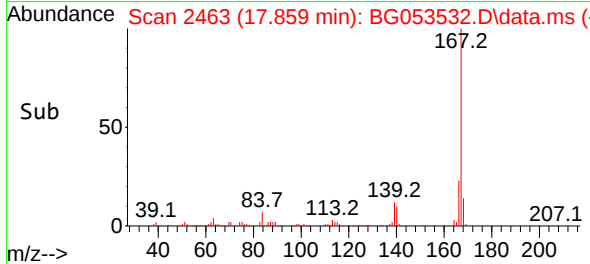
Instrument :
BNA_G
ClientSampleId :
PB144721BS



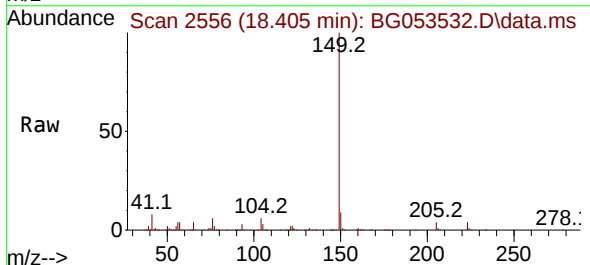
Tgt Ion:167 Resp: 41560
Ion Ratio Lower Upper
167 100
166 22.7 18.2 27.2
139 12.0 10.1 15.1

Manual Integrations
APPROVED

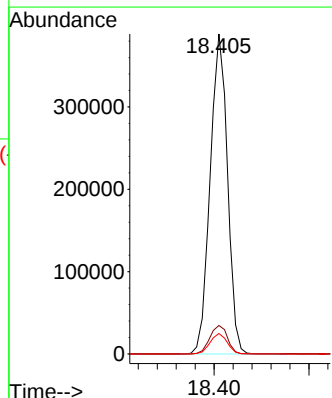
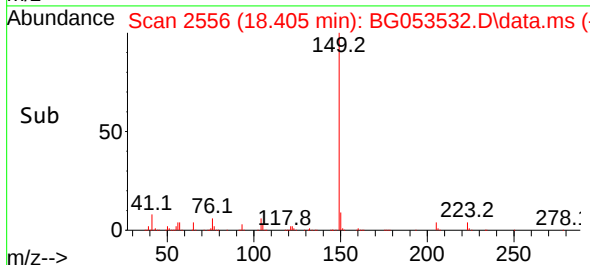
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022

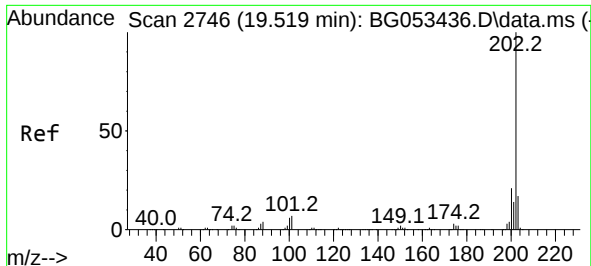


#74
Di-n-butylphthalate
Concen: 41.298 ng
RT: 18.405 min Scan# 2556
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07



Tgt Ion:149 Resp: 492262
Ion Ratio Lower Upper
149 100
150 8.9 7.7 11.5
104 6.4 5.4 8.0





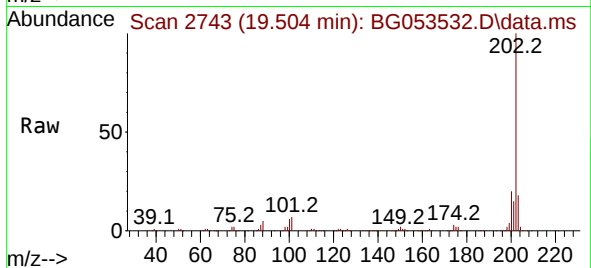
#75
Fluoranthene
Concen: 40.886 ng
RT: 19.504 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

PB144721BS

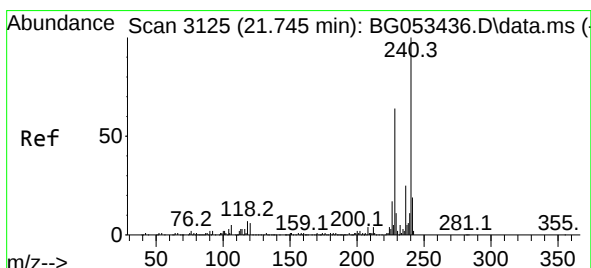
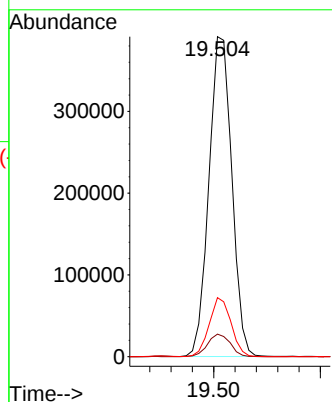
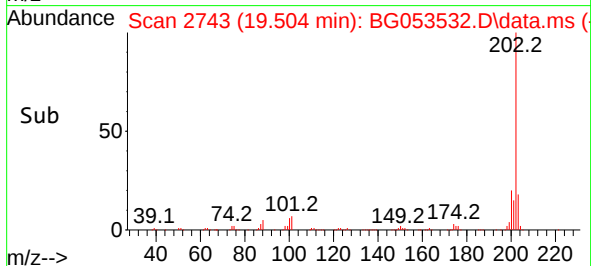


Tgt Ion:202 Resp: 58244
Ion Ratio Lower Upper
202 100
101 7.1 0.0 26.9
203 18.4 0.0 37.2

Manual Integrations

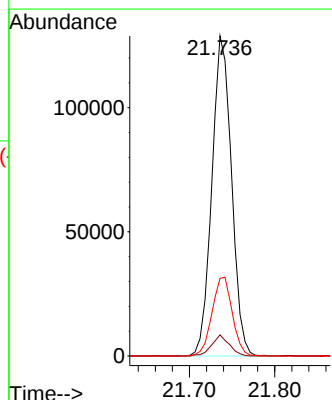
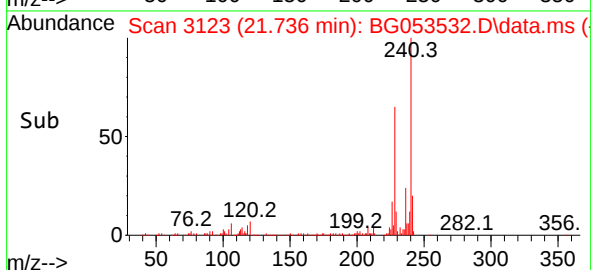
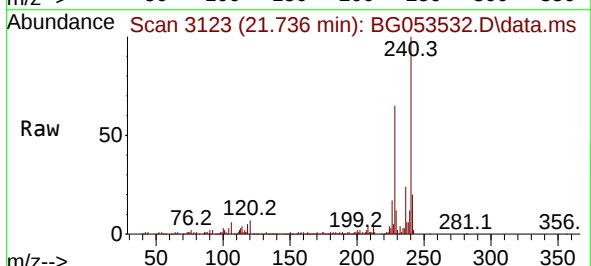
APPROVED

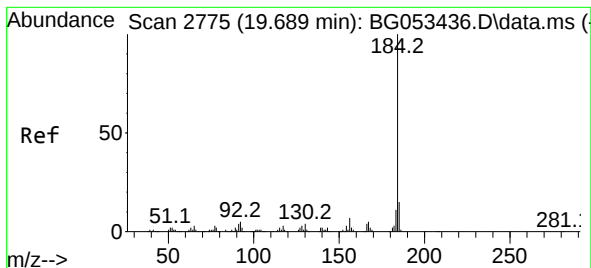
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.736 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Tgt Ion:240 Resp: 206196
Ion Ratio Lower Upper
240 100
120 6.6 4.6 7.0
236 24.3 20.2 30.4





#77

Benzidine

Concen: 64.247 ng

RT: 19.680 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG053532.D

Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

PB144721BS

Tgt Ion:184 Resp: 28553

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.6

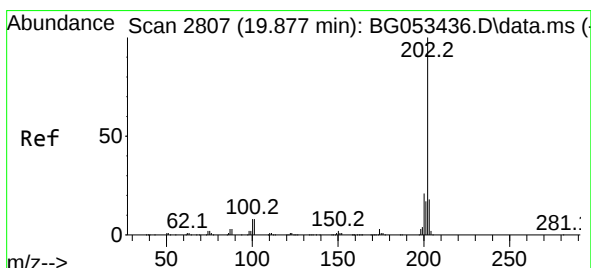
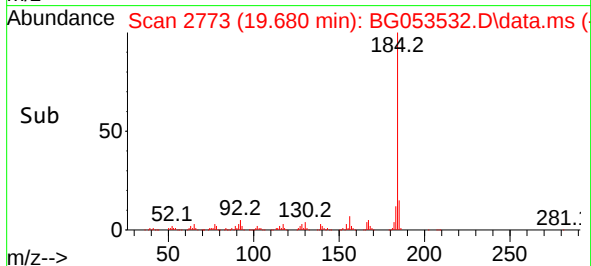
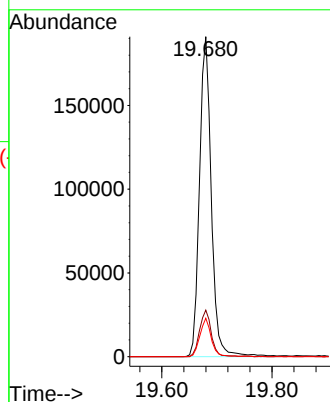
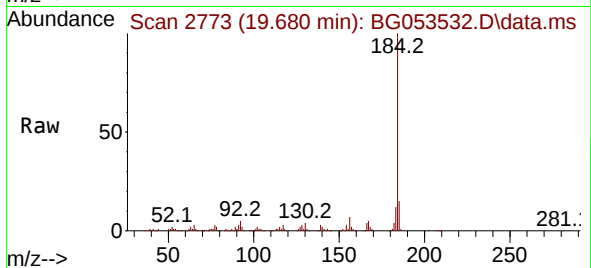
183 12.0 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/13/2022

Supervised By :Jagrut Upadhyay 05/13/2022



#78

Pyrene

Concen: 43.098 ng

RT: 19.868 min Scan# 2805

Delta R.T. -0.006 min

Lab File: BG053532.D

Acq: 12 May 2022 16:07

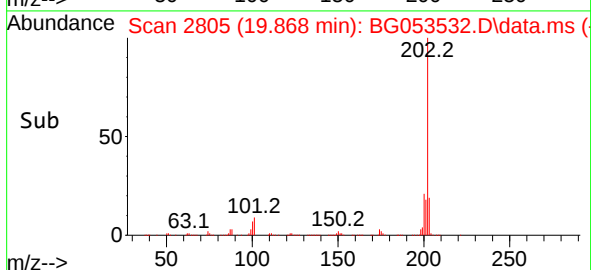
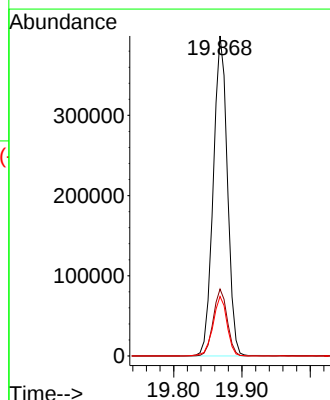
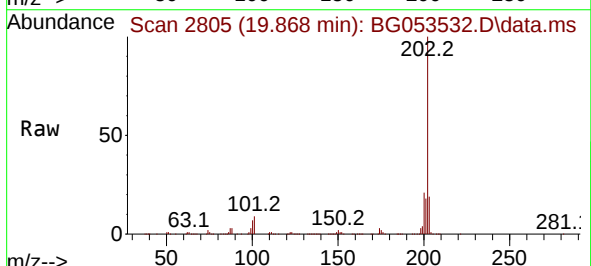
Tgt Ion:202 Resp: 575275

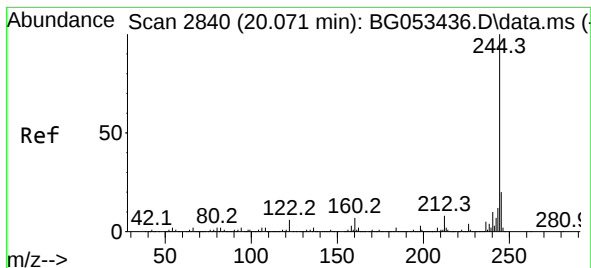
Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

203 18.6 14.6 21.8





#79

Terphenyl-d14

Concen: 86.468 ng

RT: 20.062 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG053532.D

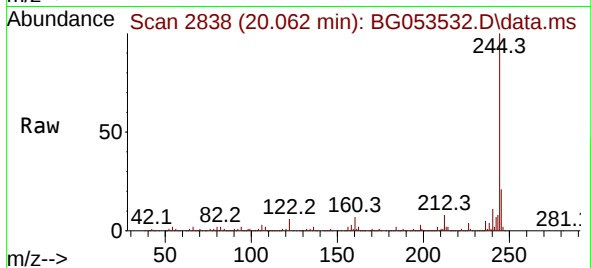
Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

PB144721BS



Tgt Ion:244 Resp: 95729

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

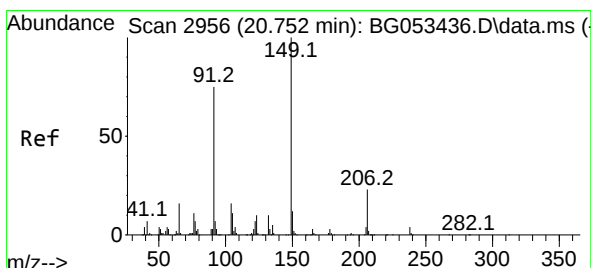
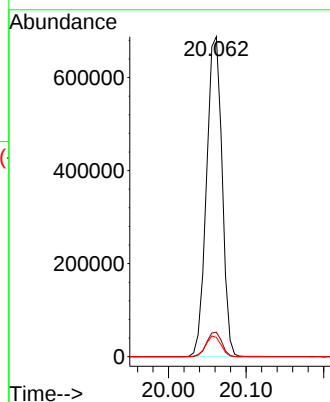
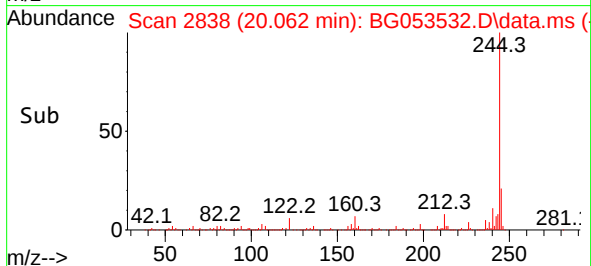
122 6.0 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/13/2022

Supervised By :Jagrut Upadhyay 05/13/2022



#80

Butylbenzylphthalate

Concen: 42.547 ng

RT: 20.743 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BG053532.D

Acq: 12 May 2022 16:07

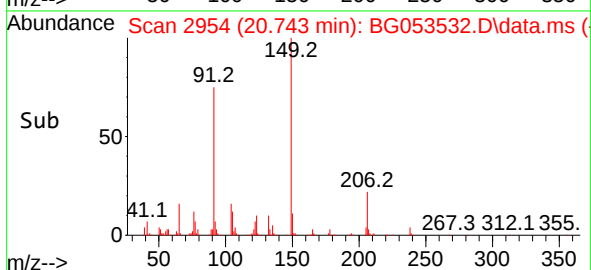
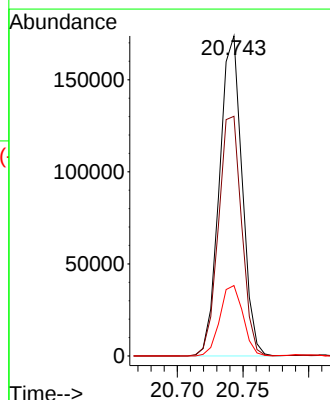
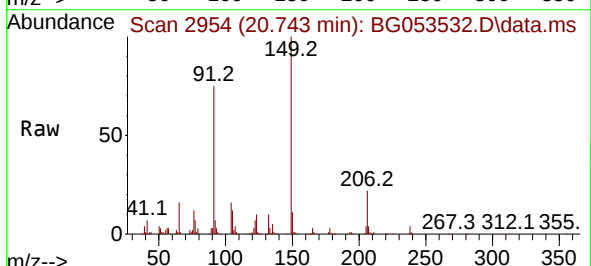
Tgt Ion:149 Resp: 208253

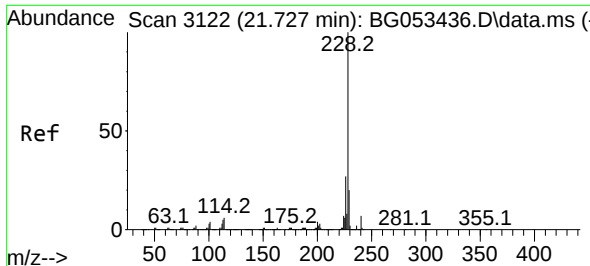
Ion Ratio Lower Upper

149 100

91 74.9 59.6 89.4

206 22.0 18.6 28.0





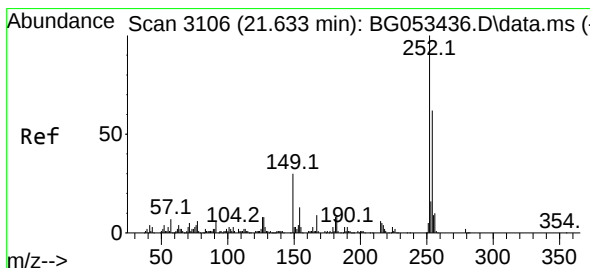
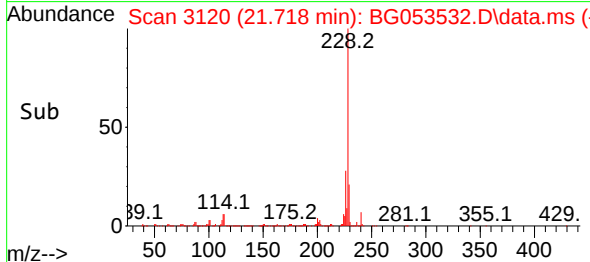
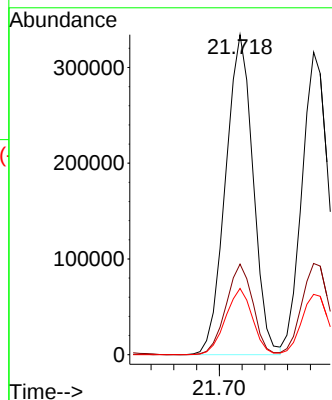
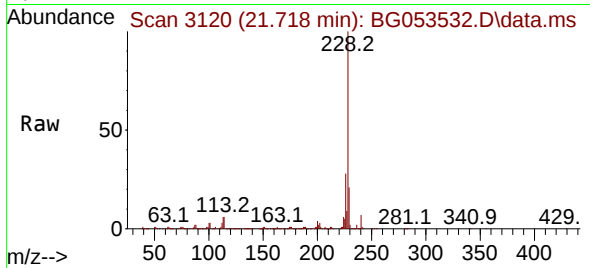
#81
Benzo(a)anthracene
Concen: 42.746 ng
RT: 21.718 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Instrument :
BNA_G
ClientSampleId :
PB144721BS

Tgt Ion:228 Resp: 56217
Ion Ratio Lower Upper
228 100
226 28.3 21.6 32.4
229 20.7 16.2 24.2

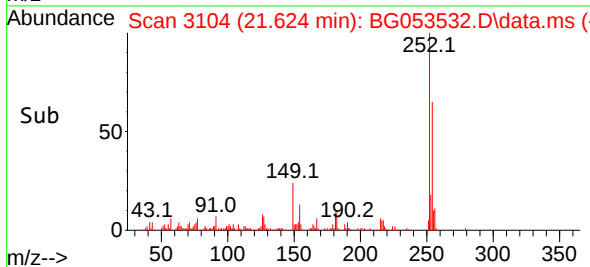
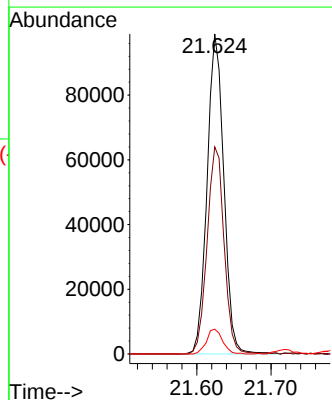
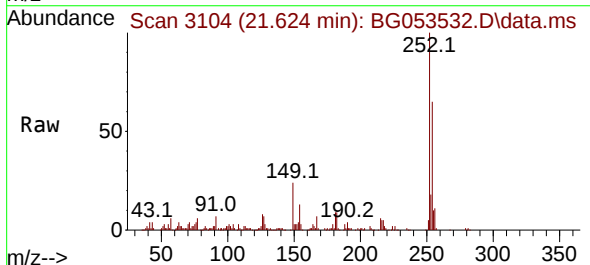
Manual Integrations
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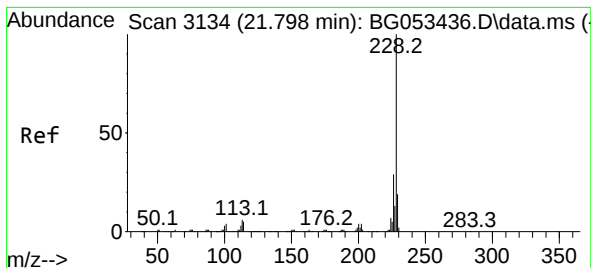
Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#82
3,3'-Dichlorobenzidine
Concen: 46.364 ng
RT: 21.624 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

Tgt Ion:252 Resp: 154629
Ion Ratio Lower Upper
252 100
254 64.7 49.8 74.8
126 7.8 6.0 9.0





#83

Chrysene

Concen: 41.462 ng

RT: 21.783 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG053532.D

Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

PB144721BS

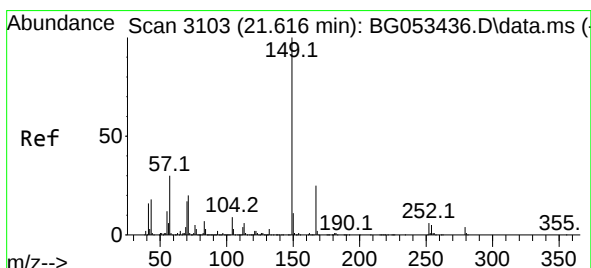
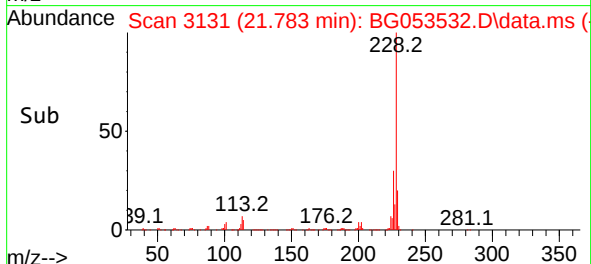
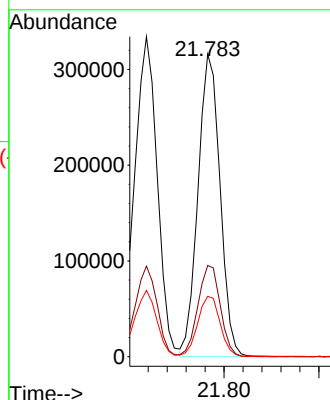
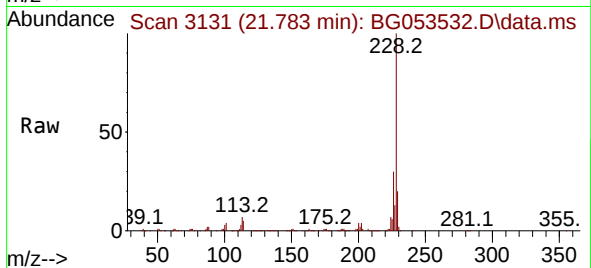
Tgt Ion:	228	Resp:	50928
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.4	35.2
229	19.9	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/13/2022

Supervised By :Jagrut Upadhyay 05/13/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.465 ng

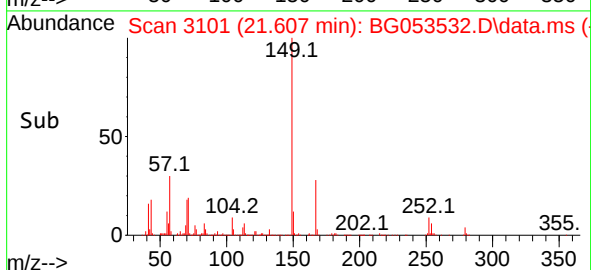
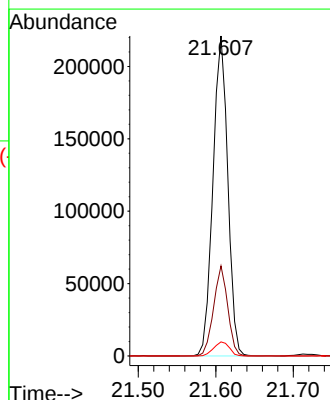
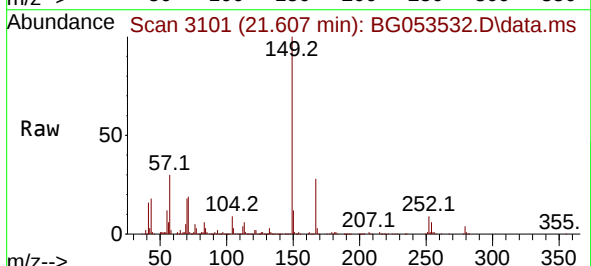
RT: 21.607 min Scan# 3101

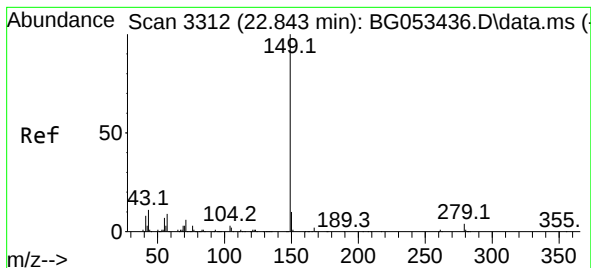
Delta R.T. 0.000 min

Lab File: BG053532.D

Acq: 12 May 2022 16:07

Tgt Ion:	149	Resp:	293640
Ion Ratio	Lower	Upper	
149	100		
167	28.2	20.2	30.4
279	4.4	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 43.982 ng

RT: 22.828 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG053532.D

Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

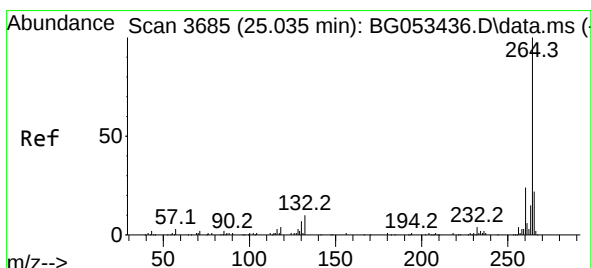
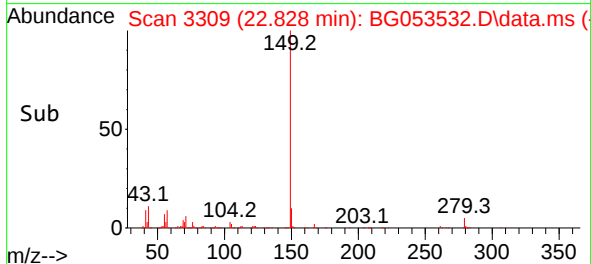
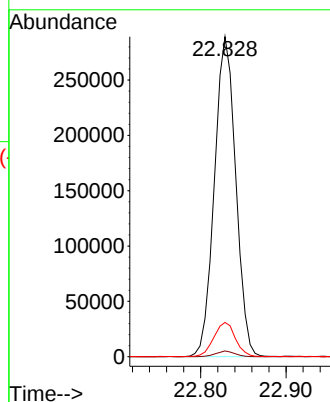
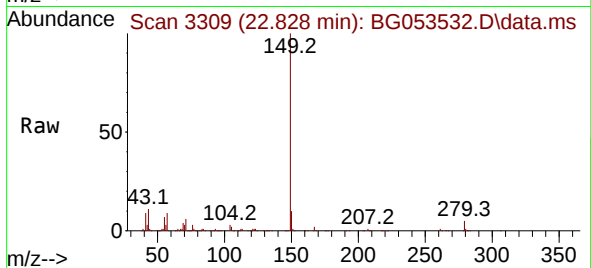
PB144721BS

Tgt Ion:149 Resp: 502440
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.9 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/13/2022
 Supervised By :Jagrut Upadhyay 05/13/2022



#86

Perylene-d12

Concen: 20.000 ng

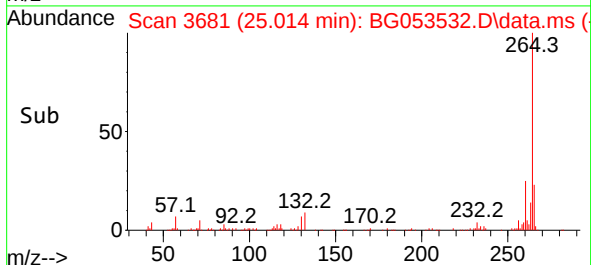
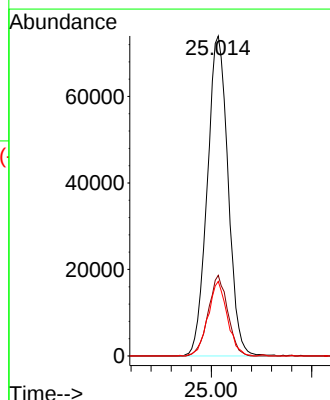
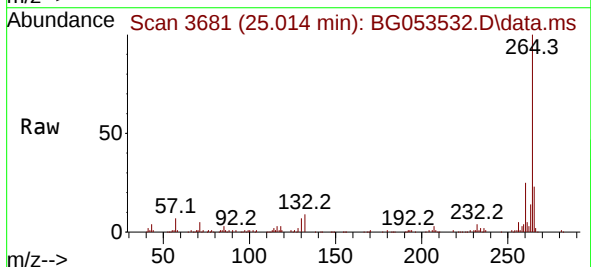
RT: 25.014 min Scan# 3681

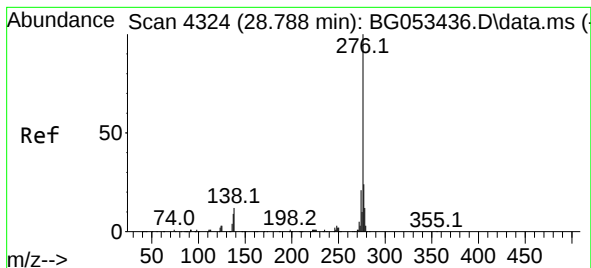
Delta R.T. -0.006 min

Lab File: BG053532.D

Acq: 12 May 2022 16:07

Tgt Ion:264 Resp: 212650
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.0 28.6
 265 23.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.074 ng

RT: 28.762 min Scan# 4319

Delta R.T. -0.017 min

Lab File: BG053532.D

Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

PB144721BS

Tgt Ion:276 Resp: 623139

Ion Ratio Lower Upper

276 100

138 8.0 5.0 7.4

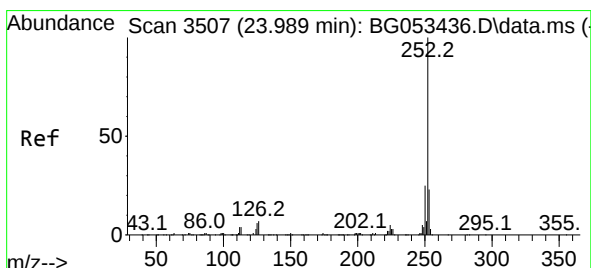
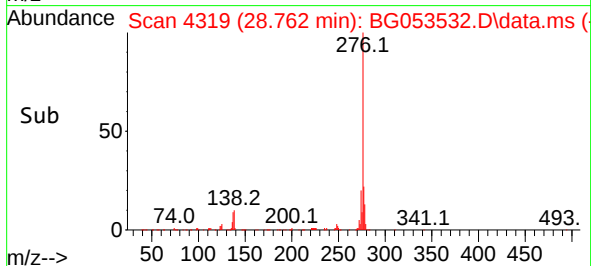
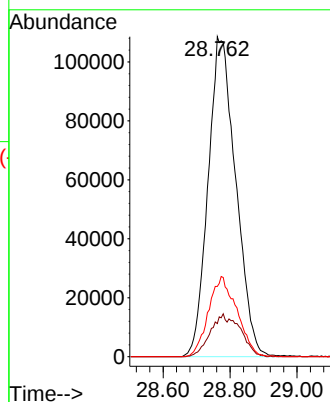
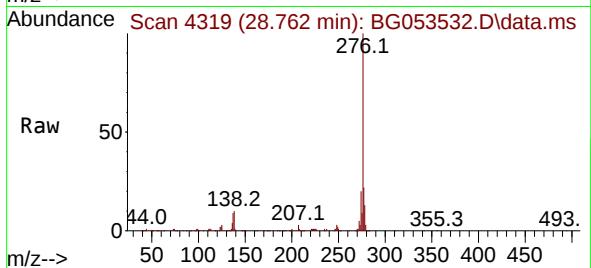
277 25.6 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/13/2022

Supervised By :Jagrut Upadhyay 05/13/2022



#88

Benzo(b)fluoranthene

Concen: 45.621 ng

RT: 23.974 min Scan# 3504

Delta R.T. -0.006 min

Lab File: BG053532.D

Acq: 12 May 2022 16:07

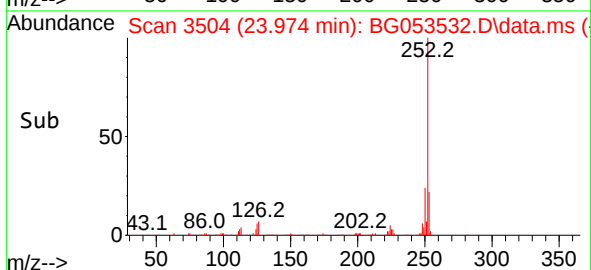
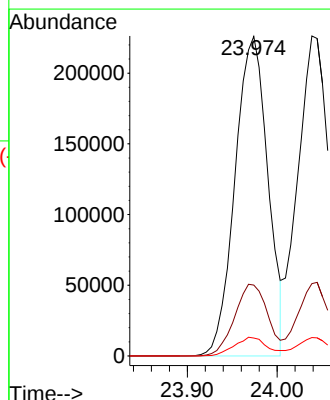
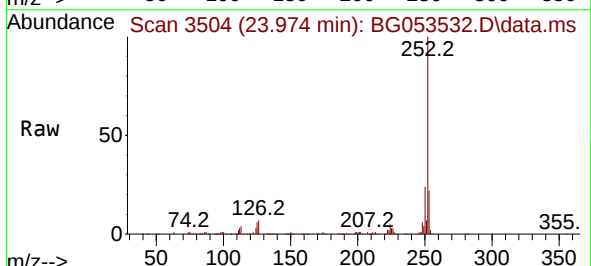
Tgt Ion:252 Resp: 574237

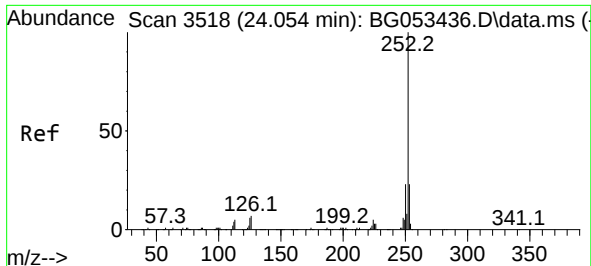
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 5.6 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 44.711 ng

RT: 24.039 min Scan# 3

Delta R.T. -0.006 min

Lab File: BG053532.D

Acq: 12 May 2022 16:07

Instrument :

BNA_G

ClientSampleId :

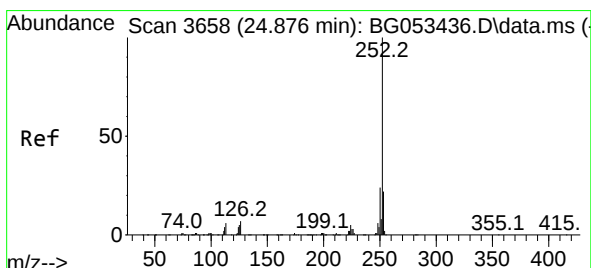
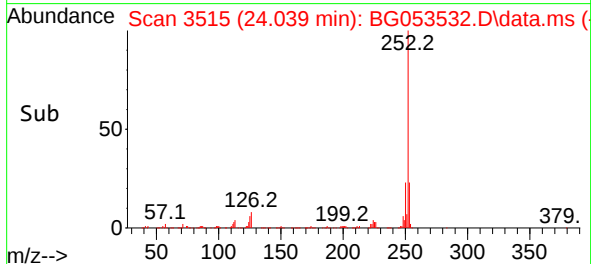
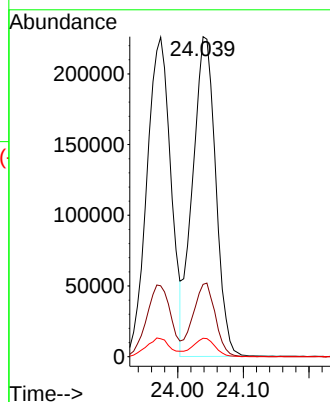
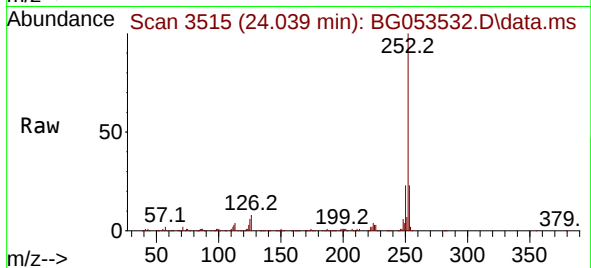
PB144721BS

Tgt Ion:252 Resp: 553029
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.4 27.6
 125 5.8 4.8 7.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/13/2022
 Supervised By :Jagrut Upadhyay 05/13/2022



#90

Benzo(a)pyrene

Concen: 51.971 ng

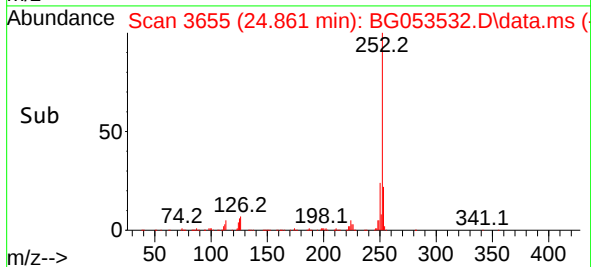
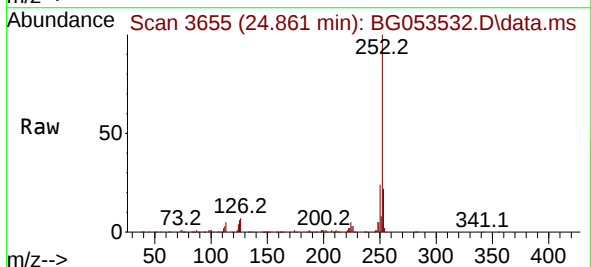
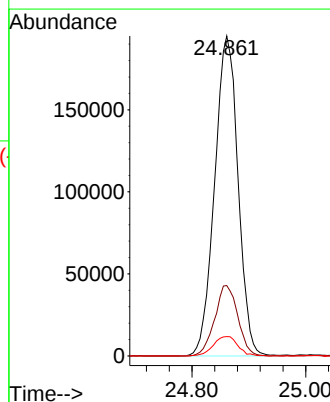
RT: 24.861 min Scan# 3655

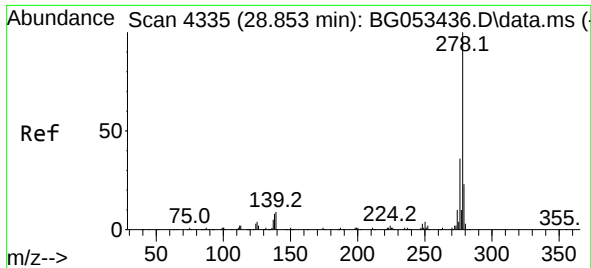
Delta R.T. -0.006 min

Lab File: BG053532.D

Acq: 12 May 2022 16:07

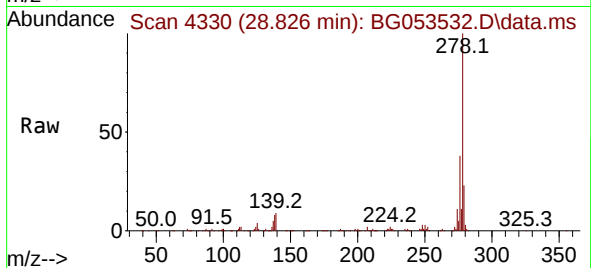
Tgt Ion:252 Resp: 556787
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.8 26.8
 125 6.0 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 44.463 ng
RT: 28.826 min Scan# 41
Delta R.T. -0.012 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07

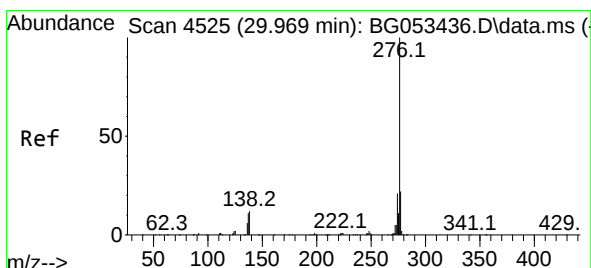
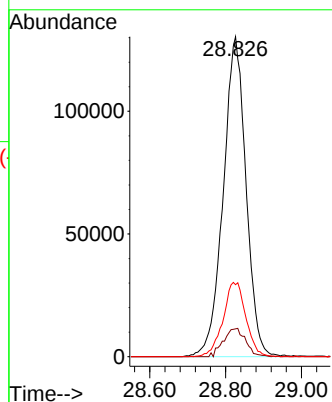
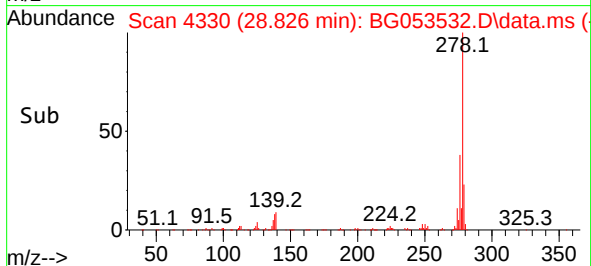
Instrument :
BNA_G
ClientSampleId :
PB144721BS



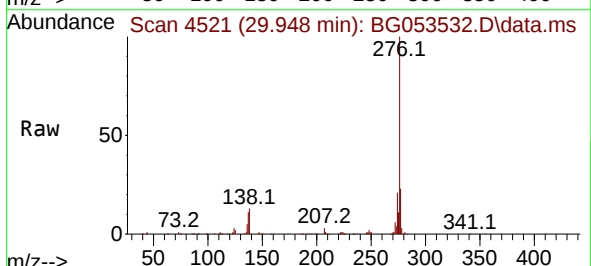
Tgt Ion:278 Resp: 542624
Ion Ratio Lower Upper
278 100
139 8.7 7.2 10.8
279 22.5 18.6 27.8

Manual Integrations
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Reviewed By :Christian Giraldo 05/13/2022
Supervised By :Jagrut Upadhyay 05/13/2022



#92
Benzo(g,h,i)perylene
Concen: 44.829 ng
RT: 29.948 min Scan# 4521
Delta R.T. -0.006 min
Lab File: BG053532.D
Acq: 12 May 2022 16:07



Tgt Ion:276 Resp: 542295
Ion Ratio Lower Upper
276 100
277 23.2 17.3 25.9
138 12.6 9.6 14.4

